

# ISHOF - EAST BUILDING

501 Seabreeze Blvd., Fort Lauderdale, FL 33316

PROJECT 010326.000

30% CDs

June 17, 2022

### PROJECT TEAM:

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*ARQUITECTONICA*

# EXHIBIT 1L

DRAWING LIST		
NUMBER	NAME	30% Set 06/17/22

00 GENERAL		
G-000	COVER SHEET	X
G-002	PROJECT DATA	X
G-003	PROJECT GENERAL NOTES	X
G-004	GENERAL NOTES - ACCESSIBILITY	X
G-005	GENERAL NOTES - ACCESSIBILITY AND MOUNTING HEIGHTS	X
G-006	3D VIEWS - EXTERIOR	X
G-007	3D VIEWS - INTERIOR	X

01 ARCHITECTURE		
A2-004	LIFE SAFETY - GENERAL NOTES	X
A2-005	LIFE SAFETY - LEVELS 01-02	X
A2-006	LIFE SAFETY - LEVELS 03-05	X
A2-100	FLOOR PLANS - LEVELS 01-02	X
A2-101	FLOOR PLANS - LEVELS 03-04	X
A2-102	FLOOR PLANS - LEVELS 05-06	X
A2-201	RCP - LOWER LEVELS	X
A2-202	RCP - UPPER LEVELS	X
A2-300	BUILDING ELEVATIONS	X
A2-400	BUILDING SECTIONS	X
A2-501	WALL SECTIONS	X
A2-502	WALL SECTIONS	X
A2-650	LVL 01 AND 01 MEZZ. RESTROOMS	X
A2-651	LVL 02 RESTROOMS	X
A2-652	LVL 02 RESTROOMS	X
A2-653	LVL 03 AND 04 RESTROOMS	X
A2-654	LVL 05 RESTROOMS	X
A2-700	STAIR E-A	X
A2-701	STAIR E-B	X
A2-703	CAFE OPEN STAIR	X
A2-704	MISC. STAIRS AND RAMP	X
A2-710	ELEVATORS - PLANS	X
A2-711	ELEVATORS - ELEVATIONS	X
A2-800	PARTITION SCHEDULE	X
A2-801	DOOR SCHEDULE	X
A2-900	FINISH SCHEDULE	X
A2-902	MATERIALS LIST	X

02 STRUCTURAL		
S0-000	COVER SHEET AND GENERAL NOTES	X
S0-001	GENERAL NOTES	X
S0-002	GENERAL NOTES	X
S0-003	GENERAL NOTES AND ABBREVIATIONS	X
S0-004	THREESOLD INSPECTION PLAN	X
S0-005	THREESOLD INSPECTION PLAN	X
S0-100	GENERAL LAP SPLICE SCHEDULES-I	X
S0-100A	GENERAL LAP SPLICE SCHEDULES-II	X
S0-101	GENERAL SCHEDULES AND LEGENDS	X
S0-102	GENERAL LEGENDS	X
S0-200	LOADING DIAGRAM	X
S0-200A	LOADING DIAGRAM	X
S0-200B	LOADING DIAGRAM	X
S1	PLANS	X

S1-001	LEVEL 1 AND MEZZ FLOOR FRAMING PLAN	X
S1-002	EAST BLDG. LEVEL 2 & 3 FRAMING PLAN	X
S1-003	EAST BLDG. LEVEL 4 & 5 FRAMING PLAN	X
S1-004	EAT BLDG. LEVEL 6 & 7 FRAMING PLAN	X
S2 SERIES	FOUNDATION SCHEDULES, SECTIONS AND DETAILS	X
S2-200	TYPICAL CAST-IN-PLACE PILE DETAILS	X
S2-201	TYPICAL CAST-IN-PLACE PILE DETAILS	X
S2-400	TYPICAL SLAB ON GRADE DETAILS	X
S2-401	TYPICAL SLAB ON GRADE DETAILS	X
S2-700	TYPICAL GRADE BEAM DETAILS	X
S2-701	TYPICAL GRADE BEAM DETAILS	X
S2-702	TYPICAL GRADE BEAM DETAILS	X
S3-033	CONCRETE SHEAR WALL SCHEDULE AND NOTES	X
S3-100	SHEARWALL PLANS	X
S3-101	SHEARWALL PLANS	X
S3-102	SHEARWALL PLANS	X
S3-103	SHEARWALL PLANS	X
S3-104	SHEARWALL PLANS	X
S3-110	SHEARWALL ELEVATIONS	X
S3-111	SHEARWALL ELEVATIONS	X
S3-112	SHEARWALL ELEVATIONS	X
S3 SERIES	LATERAL SYSTEM ELEVATIONS AND DETAILS	X
S3-003	CONCRETE SHEAR WALL SCHEDULE AND NOTES	X
S3-300	TYPICAL CONCRETE SHEAR WALL DETAILS	X
S3-302	TYPICAL CONCRETE SHEAR WALL LINK BEAM DETAILS	X
S4 SERIES	CONCRETE SUPERSTRUCTURE SCHEDULES, SECTIONS AND DETAILS	X

S4-001	CONCRETE COLUMN SCHEDULE	X
S4-100	TYPICAL CONCRETE COLUMN DETAILS	X
S4-101	TYPICAL CONCRETE COLUMN DETAILS-II	X
S4-200-A	TYPICAL CONCRETE BEAM DETAILS	X
S4-200-B	TYPICAL CONCRETE BEAM DETAILS	X
S4-201	TYPICAL CONCRETE BEAM DETAILS	X
S4-210	CONCRETE BEAM SCHEDULE	X
S4-300-A	TYPICAL CONCRETE SLAB DETAILS	X
S4-300-B	TYPICAL CONCRETE SLAB DETAILS	X
S4-400	TYPICAL POST-TENSIONED BEAM DETAILS	X
S4-401	TYPICAL POST-TENSIONED BEAM DETAILS-II	X
S4-410	POST-TENSIONED BEAM SCHEDULE	X
S4-500	TYPICAL POST-TENSIONED SLAB DETAILS-I	X
S4-501	TYPICAL POST-TENSIONED SLAB DETAILS-II	X
S4-502	TYPICAL POST-TENSIONED TWO-WAY SLAB DETAILS-I	X
S4-503	TYPICAL POST-TENSIONED TWO-WAY SLAB DETAILS-II	X

DRAWING LIST		
NUMBER	NAME	30% Set 06/17/22

03 MECHANICAL		
M0-001	MECHANICAL NOTES	X
M0-002	MECHANICAL CALCULATIONS	X
M2-101-N	EAST BLDG LEVEL 01 MECHANICAL PLAN, NORTH	X
M2-101-S	EAST BLDG LEVEL 01 MECHANICAL PLAN, SOUTH	X
M2-101M-N	EAST BLDG LEVEL 01 MEZZ. MECHANICAL PLAN, NORTH	X
M2-101M-S	EAST BLDG LEVEL 01 MEZZ. MECHANICAL PLAN, SOUTH	X
M2-102-N	EAST BLDG LEVEL 02 MECHANICAL PLAN, NORTH	X
M2-102-S	EAST BLDG LEVEL 02 MECHANICAL PLAN, SOUTH	X
M2-103-N	EAST BLDG LEVEL 03 MECHANICAL PLAN, NORTH	X
M2-103-S	EAST BLDG LEVEL 03 MECHANICAL PLAN, SOUTH	X
M2-104-N	EAST BLDG LEVEL 04 MECHANICAL PLAN, NORTH	X
M2-104-S	EAST BLDG LEVEL 04 MECHANICAL PLAN, SOUTH	X
M2-105-N	EAST BLDG LEVEL 05 MECHANICAL PLAN, NORTH	X
M2-105-S	EAST BLDG LEVEL 05 MECHANICAL PLAN, SOUTH	X
M2-106-N	EAST BLDG ROOF LEVEL MECHANICAL PLAN, NORTH	X
M2-106-S	EAST BLDG ROOF LEVEL MECHANICAL PLAN, SOUTH	X
M4-001	ENLARGED MECHANICAL PLANS	X
M4-002	ENLARGED MECHANICAL ROOMS	X
M6-001	EAST BLDG MECHANICAL SCHEDULE	X
M6-002	EAST BLDG MECHANICAL SCHEDULE	X
M6-003	EAST BLDG MECHANICAL SCHEDULE	X
M6-004	EAST BLDG MECHANICAL SCHEDULE	X

04 PLUMBING		
P0-001	PLUMBING NOTES	X
P0-002	DETAILS	X
P0-003	DETAILS	X
P2-101	EAST BUILDING LEVEL 01 PLUMBING PLANS	X
P2-101-I	EAST BUILDING LEVEL 01 MEZZ. PLUMBING PLANS	X
P2-102	EAST BUILDING LEVEL 02 PLUMBING PLANS	X
P2-103	EAST BUILDING LEVEL 03 PLUMBING PLANS	X
P2-104	EAST BUILDING LEVEL 04 PLUMBING PLANS	X
P2-105	EAST BUILDING LEVEL 05 PLUMBING PLANS	X
P2-106	EAST BUILDING ROOF LEVEL PLUMBING PLANS	X
P4-001	ENLARGED PLUMBING PLANS	X
P4-002	ENLARGED PLUMBING PLANS	X
P4-003	ENLARGED PLUMBING PLANS	X
P5-001	SANITARY ISOMETRICS	X
P5-002	DOMESTIC WATER ISOMETRICS	X
P7-001	STORM DRAIN ISOMETRICS	X

05 ELECTRICAL		
E0-001	ELECTRICAL NOTES	X
E0-002	ELECTRICAL SITE PLAN	X
E0-034	PANEL SCHEDULES	X
E2-101-N	EAST BUILDING LEVEL 01 LIGHTING PLAN, NORTH	X
E2-101-S	EAST BUILDING LEVEL 01 LIGHTING PLAN, SOUTH	X
E2-101M-N	EAST BUILDING LEVEL 01 MEZZ. LIGHTING PLAN, NORTH	X
E2-101M-S	EAST BUILDING LEVEL 01MEZZ. LIGHTING PLAN, SOUTH	X
E2-102-N	EAST BUILDING LEVEL 02 LIGHTING PLAN, NORTH	X
E2-102-S	EAST BUILDING LEVEL 02 LIGHTING PLAN, SOUTH	X
E2-103-N	EAST BUILDING LEVEL 03 LIGHTING PLAN, NORTH	X
E2-103-S	EAST BUILDING LEVEL 03 LIGHTING PLAN, SOUTH	X
E2-104-N	EAST BUILDING LEVEL 04 LIGHTING PLAN, NORTH	X
E2-104-S	EAST BUILDING LEVEL 04 LIGHTING PLAN, SOUTH	X
E2-105-N	EAST BUILDING LEVEL 05 LIGHTING PLAN, NORTH	X
E2-105-S	EAST BUILDING LEVEL 05 LIGHTING PLAN, SOUTH	X
E3-101-N	EAST BUILDING LEVEL 01 POWER PLAN, NORTH	X
E3-101-S	EAST BUILDING LEVEL 01 POWER PLAN, SOUTH	X
E3-101M-N	EAST BUILDING LEVEL 01 MEZZ. POWER PLAN, NORTH	X
E3-101M-S	EAST BUILDING LEVEL 01 MEZZ. POWER PLAN, SOUTH	X
E3-102-N	EAST BUILDING LEVEL 02 POWER PLAN, NORTH	X
E3-102-S	EAST BUILDING LEVEL 02 POWER PLAN, SOUTH	X
E3-103-N	EAST BUILDING LEVEL 03 POWER PLAN, NORTH	X
E3-103-S	EAST BUILDING LEVEL 03 POWER PLAN, SOUTH	X
E3-104-N	EAST BUILDING LEVEL 04 POWER PLAN, NORTH	X
E3-104-S	EAST BUILDING LEVEL 04 POWER PLAN, SOUTH	X
E3-105-N	EAST BUILDING LEVEL 05 POWER PLAN, NORTH	X
E3-105-S	EAST BUILDING LEVEL 05 POWER PLAN, SOUTH	X
E3-106-N	EAST BUILDING ROOF LEVEL POWER PLAN, NORTH	X
E3-106-S	EAST BUILDING ROOF LEVEL POWER PLAN, SOUTH	X
E4-001	ENLARGED ELECTRICAL ROOM PLANS	X
E4-002	ENLARGED ELECTRICAL ROOM PLANS	X
E5-001	ELECTRICAL RISER DIAGRAM	X
E6-001	PANEL SCHEDULES	X
E6-002	PANEL SCHEDULES	X
E6-003	PANEL SCHEDULES	X
E7-001	ELECTRICAL DETAILS	X

06 FIRE ALARM		
FA0-001	FIRE ALARM NOTES	X
FA2-101-N	EAST BUILDING LEVEL 01 FIRE ALARM PLAN, NORTH	X
FA2-101-S	EAST BUILDING LEVEL 01 FIRE ALARM PLAN, SOUTH	X
FA2-101M-N	EAST BUILDING LEVEL 01 MEZZ. FIRE ALARM PLAN, NORTH	X
FA2-101M-S	EAST BUILDING LEVEL 01 MEZZ. FIRE ALARM PLAN, SOUTH	X
FA2-102-N	EAST BUILDING LEVEL 02 FIRE ALARM PLAN, NORTH	X
FA2-102-S	EAST BUILDING LEVEL 02 FIRE ALARM PLAN, SOUTH	X
FA2-103-N	EAST BUILDING LEVEL 03 FIRE ALARM PLAN, NORTH	X
FA2-103-S	EAST BUILDING LEVEL 03 FIRE ALARM PLAN, SOUTH	X
FA2-104-N	EAST BUILDING LEVEL 04 FIRE ALARM PLAN, NORTH	X
FA2-104-S	EAST BUILDING LEVEL 04 FIRE ALARM PLAN, SOUTH	X
FA2-105-N	EAST BUILDING LEVEL 05 FIRE ALARM PLAN, NORTH	X
FA2-105-S	EAST BUILDING LEVEL 05 FIRE ALARM PLAN, SOUTH	X



PROJECT INFO

PROJECT DESCRIPTION:

A 5-STORY CONCRETE POST-TENSIONED CONCRETE STRUCTURE CONTAINING AN ISHOF WELCOME CENTER, CAFE, FlowRider, PUBLIC TERRACE, AND TENANT OFFICE SPACES.

APPLICABLE CODES:

- BUILDING CODE
- FBC: FLORIDA BUILDING CODE, SEVENTH EDITION.
  - FIRE PREVENTION/LIFE SAFETY CODE
  - FFPC: FLORIDA FIRE PREVENTION CODE, SEVENTH EDITION.
- ELECTRICAL CODE
- NFPA 70: NATIONAL ELECTRICAL CODE® (NEC), 2017 EDITION.
- MECHANICAL CODE
- FBC-M: FLORIDA BUILDING CODE - MECHANICAL, SEVENTH EDITION.
- PLUMBING CODE
- FBC-P: FLORIDA BUILDING CODE – PLUMBING, SEVENTH EDITION.
  - MAJOR NFPA STANDARDS
  - NFPA 10: STANDARD FOR PORTABLE FIRE EXTINGUISHERS, 2018 EDITION.
  - NFPA 13: STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS, 2016 EDITION
  - NFPA 14: STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS, 2016 EDITION.
  - NFPA 20: STANDARD FOR INSTALLATION OF STATIONARY FIRE PUMPS FOR FIRE PROTECTION, 2016 EDITION.
  - NFPA 72: NATIONAL FIRE ALARM AND SIGNALING CODE®, 2016 EDITION.
  - NFPA 88A: STANDARD FOR PARKING GARAGE STRUCTURES, 2015 EDITION.
  - NFPA 90A: STANDARD FOR THE INSTALLATION OF AIR-CONDITIONING AND VENTILATING SYSTEMS, 2015 EDITION.
  - NFPA 92: STANDARD FOR SMOKE CONTROL, SYSTEMS, 2015 EDITION.
  - NFPA 110: STANDARD FOR EMERGENCY AND STANDBY POWER SYSTEMS, 2016 EDITION.

SITE INFORMATION:

LOT ADDRESS: 501 Seabreeze Boulevard, Fort Lauderdale, FL, 33316  
LOT NUMBER: 021230010  
LOT OWNER: City of Fort Lauderdale  
LOT AREA: 219,929 SF

COMMUNITY DISTRICT: Fort Lauderdale City Commission District 2  
POLICE PRECINCT: ...

LANDUSE: Municipal  
ZONING: SBMHA - South Beach Marina and Hotel Area District  
SPECIAL DISTRICT: ...  
COMMERCIAL OVERLAY: ...  
ZONING MAP #: Parcel 501  
FLOOR AREA RATIO:  
MAX. ALLOWABLE FLOOR AREA RATIO: 1:5

NUMBER OF BUILDINGS: 2  
NUMBER OF FLOORS: 5  
APPROX. BUILDING GROSS AREA: 39,015 SF  
APPROX. HEIGHT OF BUILDINGS: 97'-0"  
CONSTRUCTION CLASSIFICATION: TYPE 1B  
BUILDING OCCUPANCY GROUP CLASSIFICATION: 89 - GOVERNMENT - MUNICIPAL OTHER THAN PARKS, RECREATIONAL AREAS, COLLEGES, HOSPITALS

DEPARTMENT OF BUILDINGS APPLICATION NUMBER: ...

SPECIAL INSPECTIONS

GRAPHIC SYMBOLS

COLUMN LINE

CENTER LINE

ROOM IDENTIFICATION

ROOM FINISH TAG

DOOR SYMBOL

WINDOW SYMBOL

LOUVER SYMBOL

MATERIAL TAG

PARTITION TYPE SYMBOL

MILLWORK TAG

FINISH TRANSITION

ELEVATION MARKER

DATUM POINT

SLAB DIFFERENTIAL

NOTE REFERENCE SYMBOL

REVISIONS SYMBOL

ELEVATION SYMBOL

SECTION SYMBOL

DETAIL SYMBOL

PLAN DETAIL

GRAPHIC LEGEND

NOT IN SCOPE

EXISTING CONSTRUCTION TO REMAIN

NEW CONSTRUCTION

ACOUSTIC CEILING TILE

ALUMINUM

BATT INSULATION

COMPACTED SOIL

CONCRETE

CONCRETE BLOCK

EXPOSED BRICK

FINISH WOOD FOR ARCH WOODWORK

GRAVEL

GYPSUM

PLASTER

RIGID INSULATION

ROUGH PLYWOOD

SPRAY-FOAM INSULATION

STEEL

ABBREVIATIONS

& AND

< ANGLE

@ AT

CL CENTERLINE

Ø DIAMETER

# POUND

AB ANCHOR BOLT

ABV ABOVE

AC ACOUSTIC

AC AIR CONDITIONER

ACC ACCESS

ACFL ACCESS FLOOR

ACOUS ACOUSTICAL

ACPL ACOUSTICAL PLASTER

ACT ACOUSTICAL TILE

AD ACCESS DOOR

ADD ADDENDUM

ADH ADHESIVE

ADJ ADJACENT

ADJT ADJUSTABLE

AFF ABOVE FINISH FLOOR

AGG AGGREGATE

ALT ALTERNATE

ALUM ALUMINUM

ANCH ANCHOR

ANDD ANODIZED

AP ACCESS PANEL

ARCH ARCHITECT(URAL)

ASPH ASPHALT

AT ASPHALT TILE

AUTO AUTOMATIC

AVG AVERAGE

B BASE

BEL BELOW

BET BETWEEN

BIT BITUMINOUS

BD BOARD

BLDG BUILDING

BLK BLOCK

BLKG BLOCKING

BM BEAM

B.M. BENCH MARK

B.O.F. BOTTOM OF FOOTING

BOT BOTTOM

BR BRICK

BRG BEARING

BRZ BRONZE

BTU BRITISH THERMAL UNIT

BUR BUILT-UP ROOF

B.O. BY OTHERS

CAB CABINET

CB CATCH BASIN

CCV CLOSED CIRCUIT TV

CEM CEMENT

CER CERAMIC

CFT CUBIC FOOT

CG CORNER GUARD

CHAM CHAMFER

C.HT CEILING HEIGHT

C.I. CAST IRON

C.I.P. CAST IN PLACE

CIRC CIRCUMFERENCE

CIR CIRCLE

CJ CONSTRUCTION JOINT

CJT CONTROL JOINT

CK CAULK

CL CLOSET

CLG CEILING

CLL CONTRACT LIMIT LINE

CLR CLEAR(ANCE)

CLS CLOSURE

CMU CONCRETE MASONRY UNIT

COL COLUMN

CONC CONCRETE

CONN CONNECTION

CONST CONSTRUCTION

CONT CONTINUOUS

CONTR CONTRACTOR

COR CORRIDOR

CORR CORRUGATED

CPT CARPET

CR CARD READER

CRS COLD ROLLED STEEL

CSMT CASEMENT

CS CONCRETE SEALER

CT CERAMIC TILE

CTR CENTER

CTSK COUNTER SUNK

CU.FT. CUBIC FEET (FOOT)

CUIN. CUBIC INCH

CU.YD. CUBIC YARD

CW COLD WATER

D DRAIN

DA DOUBLE ACTING

DBL DOUBLE

DEMO DEMOLITION

DET DETAIL

DEPT DEPARTMENT

DD DECK DRAIN

DF DRINKING FOUNTAIN

DIAG DIAGONAL

DIAM DIAMETER

DIFF DIFFUSER

DIM DIMENSION

DISP DISPENSER

DIST DISTRIBUTION

DIV DIVISION

DN DOWN

DO DOOR OPENING

DPR DISPENSER

DR DOOR

DS DOWNSPOUT

DST DOOR STOP

DT DRAIN TILE

DWG DRAWING

DWL DOWEL

DWR DRAWER

DRAIN

DA DOUBLE ACTING

DBL DOUBLE

DEMO DEMOLITION

DET DETAIL

DEPT DEPARTMENT

DD DECK DRAIN

DF DRINKING FOUNTAIN

DIAG DIAGONAL

DIAM DIAMETER

DIFF DIFFUSER

DIM DIMENSION

DISP DISPENSER

DIST DISTRIBUTION

DIV DIVISION

DN DOWN

DO DOOR OPENING

DPR DISPENSER

DR DOOR

DS DOWNSPOUT

DST DOOR STOP

DT DRAIN TILE

DWG DRAWING

DWL DOWEL

DWR DRAWER

E EAST

EACH

E/A EXHAUST AIR

EFS EXTERIOR INSULATED FINISH SYSTEM

EJ EXPANSION JOINT

EL ELEVATION

ELAST ELASTOMERIC

ELEC ELECTRIC

ELEV ELEVATOR

EMERG EMERGENCY

EMR ELEVATOR MACHINE ROOM

ENC ENCLOSURE

ENGR ENGINEER

ENTR ENTRANCE

EP ELECTRIC PANEL

EPDM ETHYLENE PROPYLENE DIENE MONOMER

EQ EQUAL

EQUIP EQUIPMENT

ESMT EASEMENT

EW EACH WAY

EWC ELECTRIC WATER COOLER

EX EXISTING

EXC EXCAVATE

EXH EXHAUST

EXIST EXISTING

EXP EXPOSED

EXP JT EXPANSION JOINT

EXPN EXPANSION

EXT EXTERIOR

F FIXED

FA FIRE ALARM

FACP FIRE ALARM CONTROL PANEL

FAB FABRICATED

FC FLOOR COVERING

FD FLOOR DRAIN

FDC FIRE DEPARTMENT CONNECTION

FDN FOUNDATION

FE FIRE EXTINGUISHER

FEC FIRE EXTINGUISHER CABINET

FEM FEMALE

FEE FINISH FLOOR ELEVATION

FFL FINISH FLOOR LINE

FH FIRE HYDRANT

FHC FIRE HOSE CABINET

FIN FINISHED

FRP FIREPROOFING

FJT FLUSH JOINT

FLAM FLAMMABLE

FL FRAMELESS

FLR FLOOR(ING)

FLX FLEXIBLE

FLOO FLOOR CLEAN OUT

FLUOR FLUORESCENT

FOC FACE OF CONCRETE

FOF FACE OF FINISH

FOM FACE OF MASONRY

FOS FACE OF STUDS

FP FIREPROOF

FR FRAME(ING)

FRA FRESH AIR

FRT FIRE RESISTANT TREATMENT

FSD FIRE SMOKE DAMPER

FT FOOT/FEET

FTG FOOTING

FUR FURRING

FUT FUTURE

FWP FABRIC WALL PANEL

FXD FIXED (IMPERFORABLE)

G GASKETED

GA GAUGE, GAGE

GALV GALVANIZED

GB GRAB BAR

GC GENERAL CONTRACTOR

GCMU GLAZED CONC MASONRY UNIT

GD GRADE, GRADING

GEN GENERAL

GF GROUND FACE

GFRG GLASS FIBER REINFORCED CONCRETE

GFRG GLASS FIBER REINFORCED GYPSUM

GI GALVANIZED IRON

GKT GASKET

GL GLASS, GLAZING

GL GRID LINE

GLB GLASS BLOCK

GLF GLASS FIBER

GL-L GLASS-LAMINATED

GL-PS GLASS PANEL SYSTEM

GL-SS GLASS STOREFRONT SYSTEM

GL-T GLASS TEMPERED

GN GENERAL NOTES

GND GROUND

GP GALVANIZED PIPE

GPL GYPSUM LATH

GP PL GYPSUM PLASTER

GR GRADE

GRL GRILLE

GRN GRANITE

GRT GROUT

GT GLAZED TILE

GVL GRAVEL

GWB GYPSUM WALL BOARD

HB HOSE BIBB

HBD HARDBOARD

HC HOLLOW CORE

HCH HOLLOW CORE HARDBOARD

HCPD HANDICAPPED

HD HEAVY DUTY

HDR HEADER

HDW HARDWARE (SET)

HDWD HARD WOOD

HES HIGH EARLY-STRENGTH CEMENT

HGT HEIGHT

HH HANDHOLE

HUT HEAD JOINT

HK HOOK(S)

HM HOLLOW METAL

HORIZ HORIZONTAL

H.P. HIGH POINT

HPS HIGH PRESSURE SODIUM

HR HOUR

HT HEIGHT

HTG HEATING

HTR HEATER

HVAC HEATING/VENTILATING/ AIR CONDITIONING

HW HOT WATER

HWH HOT WATER HEATER

I.D. INSIDE DIAMETER

IF INSIDE FACE

IGU INSULATED GLASS UNIT

ILK INTERLOCK

IMP IMPERVIOUS

IN INCH

INCL INCLUDE (ING) (D)

INCN INCINERATOR

INS INSULATING CONC.

INSF INSULATING FILL

INSUL INSULATE(D),(I)(ON)

INT INTERIOR

INTM INTERMEDIATE

INV INVERT

INFO INFORMATION

IPS IRON PIPE SIZE

JAN JANITOR

JJ JANITOR'S CLOSET

JF JOINT FILLER

JST JOIST

JT JOINT

KD KNOCK DOWN W/ PAINT FINISH

KIT KITCHEN

KO KNOCK OUT

KPL KICKPLATE

L LENGTH

LAB LABORATORY

LAD LADDER

LAM LAMINATE(D)

LAV LAVATORY

LB LAG BOLT

LBL LABEL

LC LIGHT CONTROL

LCO LACQUER

LF LINEAR FOOT

LG LENGTH

LH LEFT HAND

LHR LEFT HAND REVERSE

LIN LINEAR

LKR LOCKER

LL LIVE LOAD

LLH LONG LEG HORIZONTAL

LLV LONG LEG VERTICAL

LMS LIMESTONE

LNTL LINTEL

LP LIGHT PROOF

LPT LOW POINT

LT LIGHT

LTG LIGHTING

LT WT LIGHT WEIGHT

LVR LOUVER

LVD LOWER VEHICULAR DRIVE

LWC LIGHTWEIGHT CONC.

M MILLWORK (TYPE)

MACH MACHINE

MAS MASONARY

MAT MATERIAL(S)

MAX MAXIMUM

MC METAL CLAD

MCH MECHANICAL

MED MEDIUM

MEMB MEMBRANE

MFR MANUFACTURE(ER)

MFD METAL FLOOR DECKING

MF MANHOLE

MIN MINIMUM

MIR MIRROR

MISC MISCELLANEOUS

ML METAL LATH

MLDG MOULDING

MN MINUTES

MO MASONRY OPENING

MOD MODULAR, MODULE

MOV MOVABLE

MRB MARBLE

MRD METAL ROOF DECKING

MT MARBLE TILE

MTD MOUNTED

MTG MOUNTING

MTHR METAL THRESHOLD

MTFR METAL FURRING

MTL METAL

MTR MOTOR

MULL MULLION

MWK MILLWORK

N NORTH

N/A NOT APPLICABLE

NIC NOT IN CONTRACT

NL NAILABLE

NLR NO LONGER REQUIRED

NMT NONMETALLIC

NOW NUMBER

NOM NOMINAL

NR NOT RATED

NRC NOISE REDUCTION COEFFICIENT

N.T.S. NOT TO SCALE

OA OVERALL

OBS OBSCURE

O.C. ON CENTER

O.D. OUTSIDE DIAMETER

OFF OFFICE

OH OVERHEAD

OJ OPEN-WEB JOIST

OP OPAQUE

OPH OPPOSITE HAND

OPNG OPENING

OPP OPPOSITE

OPS OPPOSITE SURFACE

P PAINT

PA POWER ASSIST

PAR PARALLEL

P.B. PEGBOARD

PB PANIC BAR

PBD PARTICLE BOARD

PCC PRECAST CONCRETE

PCG POUNDS PER CUBIC FT.

PCPL PORTLAND CEMENT PLASTER

PD PLANTER DRAIN

PED PEDESTAL

PERF PERFORATE

PERI PERIMETER

PE PORCELAIN ENAMEL

PFB PREFABRICATE(D)

PFL POUNDS PER LINEAL FT.

PFN PREFINISHED

PG PLATE GLASS

PH PANIC HARDWARE

PHP PARTIAL HEIGHT PARTITION

PIP POURED IN PLACE

PL PROPERTY LINE.

PLAM PLASTIC LAMINATE

PLAS PLASTER

PLBG PLUMBING

PLY PLYWOOD

PNL PANEL

PNT PAINT(ED)

PR PAIR

PRF PREFORMED

PSC PRESTRESSED CONC.

PSF POUNDS PER SQUARE FT.

PSI POUNDS PER SQUARE INCH

PT POINT

P.T. PRESSURE TREATED

PTC POST -TENSIONED CONCRETE

P.T.D. PAPER TOWEL DISPENSER

P.T.H. PAPER TOWEL HOLDER

PTN PARTITION

PTR PAPER TOWEL RECEPTACLE

PV PAVE (D) (ING)

PVMT PAVEMENT

P.V.C. POLYVINYL CHLORIDE

PWD PLYWOOD

PWR POWER

QT QUARRY TILE

QTY QUANTITY

R RISER

RA RETURN AIR

RAD RADIUS

RB RUBBER BASE

RBR RUBBER

RC RECESS-MOUNTED CABINET

RCP REFLECTED CEILING PLAN

RD ROOF DRAIN

RECT RECEPTACLE

RECT RECTANGULAR

REF REFERENCE

REFR REFRIGERATOR

REG REGISTER

REINF REINFORCE(ING)

REQ REQUIRED

RES RESILIENT

RET RETURN

REV REVISION(S), REVISED

RF ROOF

RFG ROOFING

RFL REFLECT (ED) (IVE) (OR)

RH RIGHT HAND

RL RAIL(ING)

RM ROOM

RO ROUGH OPENING

ROW RIGHT OF WAY

RVL REVEAL

RWC RAINWATER CONDUCTOR

RWL RAIN WATER LEADER

S SOUTH

S/A SUPPLY AIR

SAN SANITARY

SC SOLID CORE

SCH SCHEDULE

SD STORM DRAIN

SEC SECTION

SF SEAMLESS FLOOR

S.F. SQUARE FOOT (FEET)

SFGL SAFETY GLASS

S.H. SOAP HOLDER

SHELF SHELIVING

SHO SHOWER

S.H. SPRINKLER HEAD

SHT SHEET

SM SIMILAR

SLV SLEEVE

SMC SURFACE-MOUNTED CABINET

S.M.S. STRUCTURAL METAL STUD

SNR SANITARY NAPKIN RECEPTACLE

SND SANITARY NAPKIN DISPENSER

SNT SEALANT

SP START POINT

SPEC SPECIFICATION(S)

SPK SPEAKER

SQ SQUARE

SS STAINLESS STEEL

SSK SERVICE SINK

STA STATION

STC SOUND TRANSMISSION CLASS

STD STANDARD

STG STORAGE, SEATING

STL STEEL

STM STONE

STOR STORAGE

STRUCT STRUCTURAL

SUR SURFACE

SUSP SUSPENDED

SW SWITCH

SWBD SWITCHBOARD

SWR SWITCH ROOM

S.Y. SQUARE YARD

SYM SYMMETRICAL

SYM SYSTEM

TB TOWEL BAR

(TBA) TO BE AGREED

TEL TELEPHONE

TEMP TEMPERATURE

TERR TERRAZZO

THR THICK(NESS)

THK THRESHOLD (SADDLE)

TM TRAVERTINE MARBLE

TMA TO MATCH ADJACENT

TME TO MATCH EXISTING

TO TOP OF

T.O.B. TOP OF BEAM

T.O.C. TOP OF CONCRETE

T.O.D. TOP OF DECK

T.O.F. TOP OF FOOTING

T.O.P. TOP OF PARAPET

T.O.S. TOP OF SLAB

T.O.ST TOP OF STEEL

T.O.W. TOP OF WALL

T.P.D. TOILET PAPER DISPENSER

TPV TOILET PARTITION

TR TREAD

TRNSF TRANSFORMER

TV TELEVISION

TYP TYPICAL

UC UNDERCUT

UH UNIT HEATER

UL UNDERWRITERS LABORATORY

UNF UNFINISHED

UON UNLESS OTHERWISE NOTED

UR URINAL

URV UPPER VEHICULAR DRIVE

V VENEER

VAC VACUUM

VAR VARIES

VB VINYL BASE

V.C.T. VINYL COMPOSITION TILE

VENT VENTILATION

VERT VERTICAL

VEST VESTIBULE

VIF VERIFY IN FIELD

VIN VINYL

V.W.C. VINYL WALLCOVERING

W WEST

WI WITH

WC WATER CLOSET

WD WOOD

WDB WOOD BASE

WDV WOOD VENEER

WDW WINDOW

WG WIRED GLASS

WH WALL HUNG

W.H. WATER HEATER

WM WIRE MESH

WMB WALL-MOUNTED BRACKET

WO WITHOUT

WOM WALK-OFF MAT

WP WATERPROOFING

WPT WORKING POINT

W.R. WASTE RECEPTACLE

WS WATER STOP

WSC WAINSCOT

WT WEIGHT

WWB WATER-RESISTANT WALL BD

WWF WELDED WIRE FABRIC

Z ZONE

ARQUITECTONICA

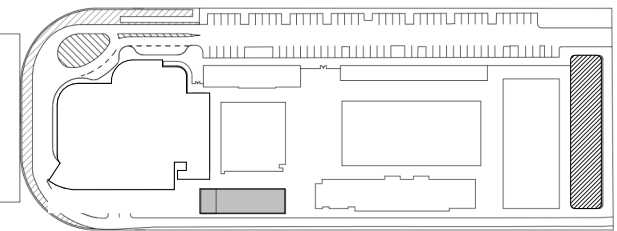
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DESCRIPTION	DATE
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PROJECT NORTH:  
N

DRAWING TITLE  
PROJECT DATA

PROJECT NUMBER: 010326.000  
DATE: 06/17/2022  
SCALE: 1"= 1'-0"

SHEET  
G-002  
CAM 23-0723  
Exhibit 1L  
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PROJECT  
ISHOF - EAST BUILDING  
501 Seabreeze Blvd., Fort Lauderdale, FL 33316

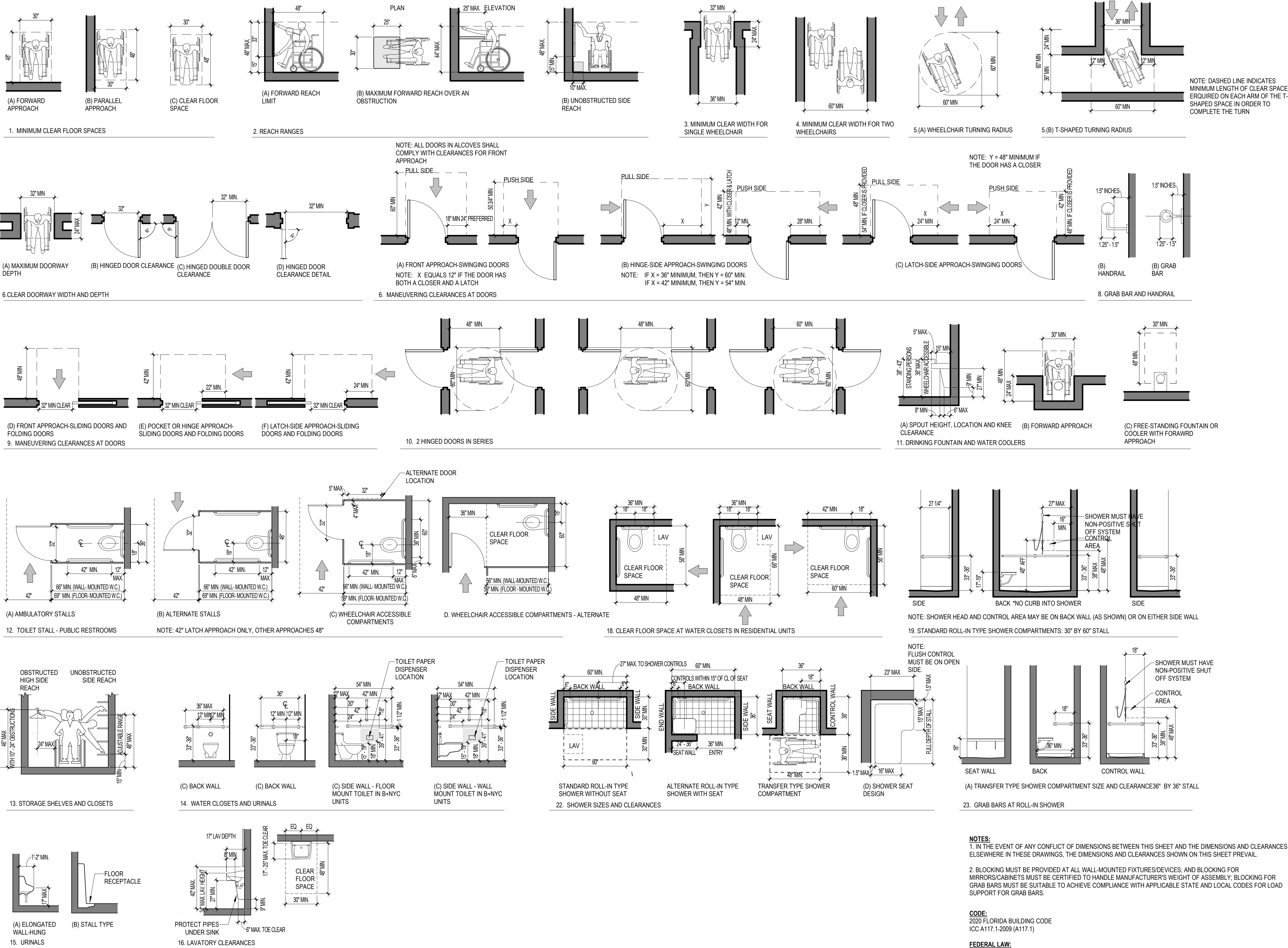






CHAPTER 11 ACCESSIBILITY

GENERAL ACCESS AND MANEUVERING CLEARANCES



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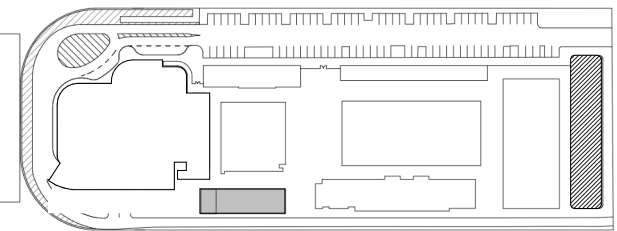
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PROJECT  
**ISHOF - EAST BUILDING**  
501 Seabreeze Blvd., Fort Lauderdale, FL 33316

KEY PLAN:



DESCRIPTION DATE

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PROJECT NORTH:

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GENERAL NOTES - ACCESSIBILITY

PROJECT NUMBER: 010326.000

DATE: 06/17/2022

SCALE: 1/4" = 1'-0"

SHEET

G-004

CAM 23-0723  
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CHAPTER 11 ACCESSIBILITY

ACCESSIBLE KITCHENS

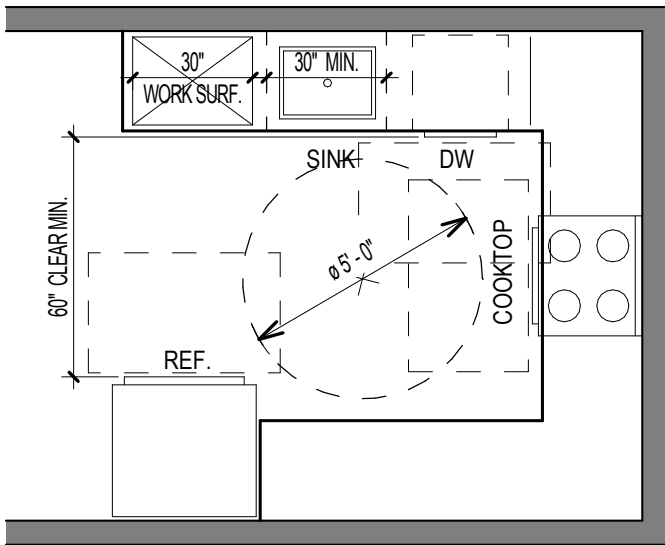


FIG. 804.2.2 - U-SHAPE KITCHEN CLEARANCE

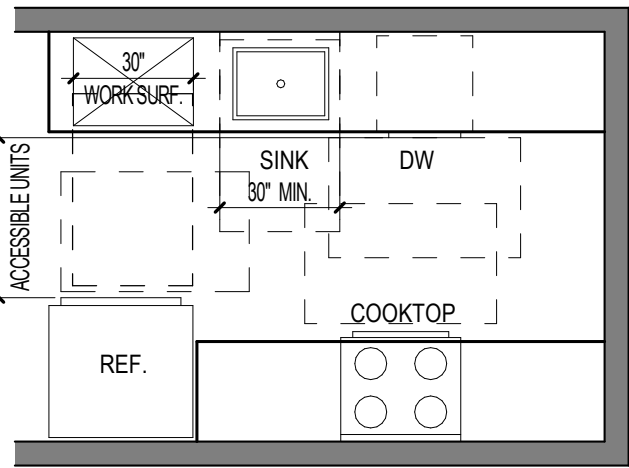


FIG. 804.2.2 - U-SHAPED KITCHEN CLEARANCE

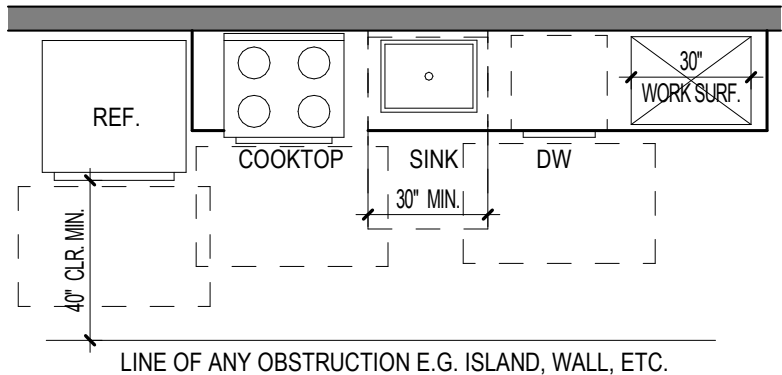
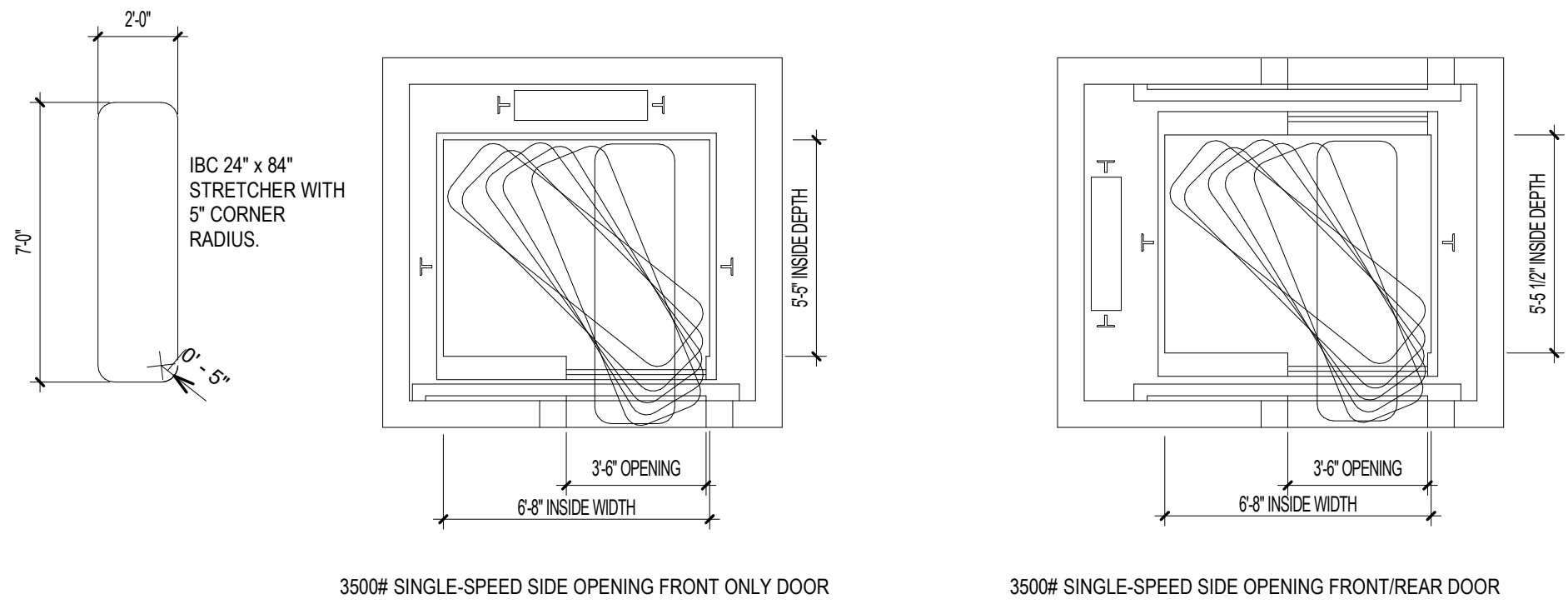
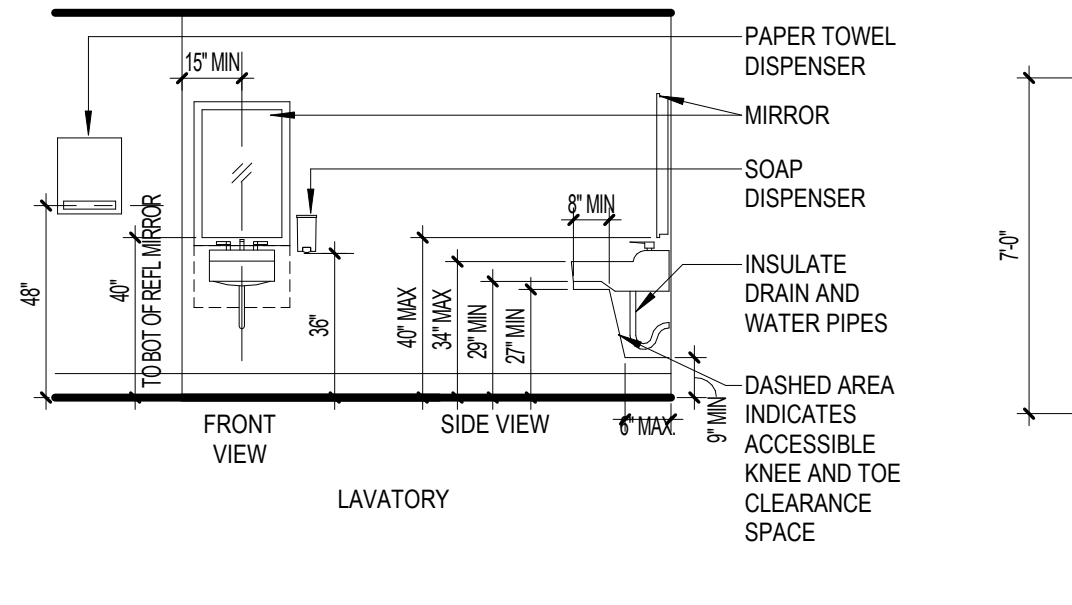
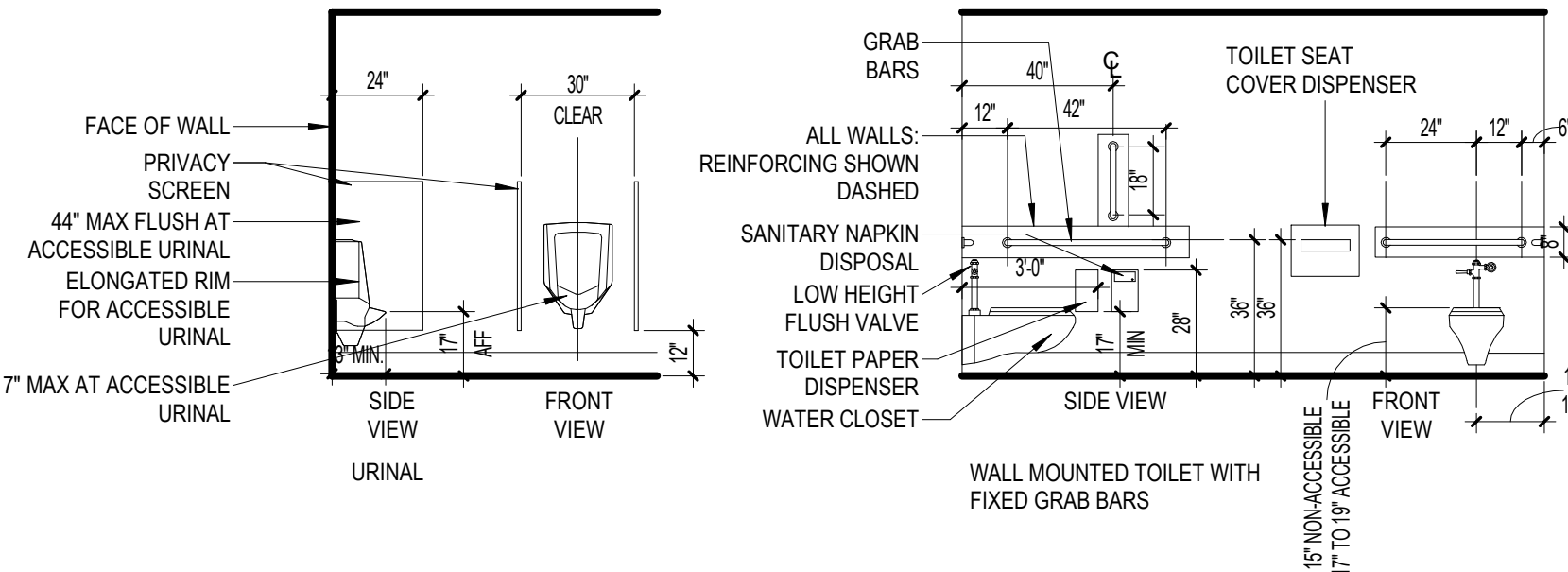
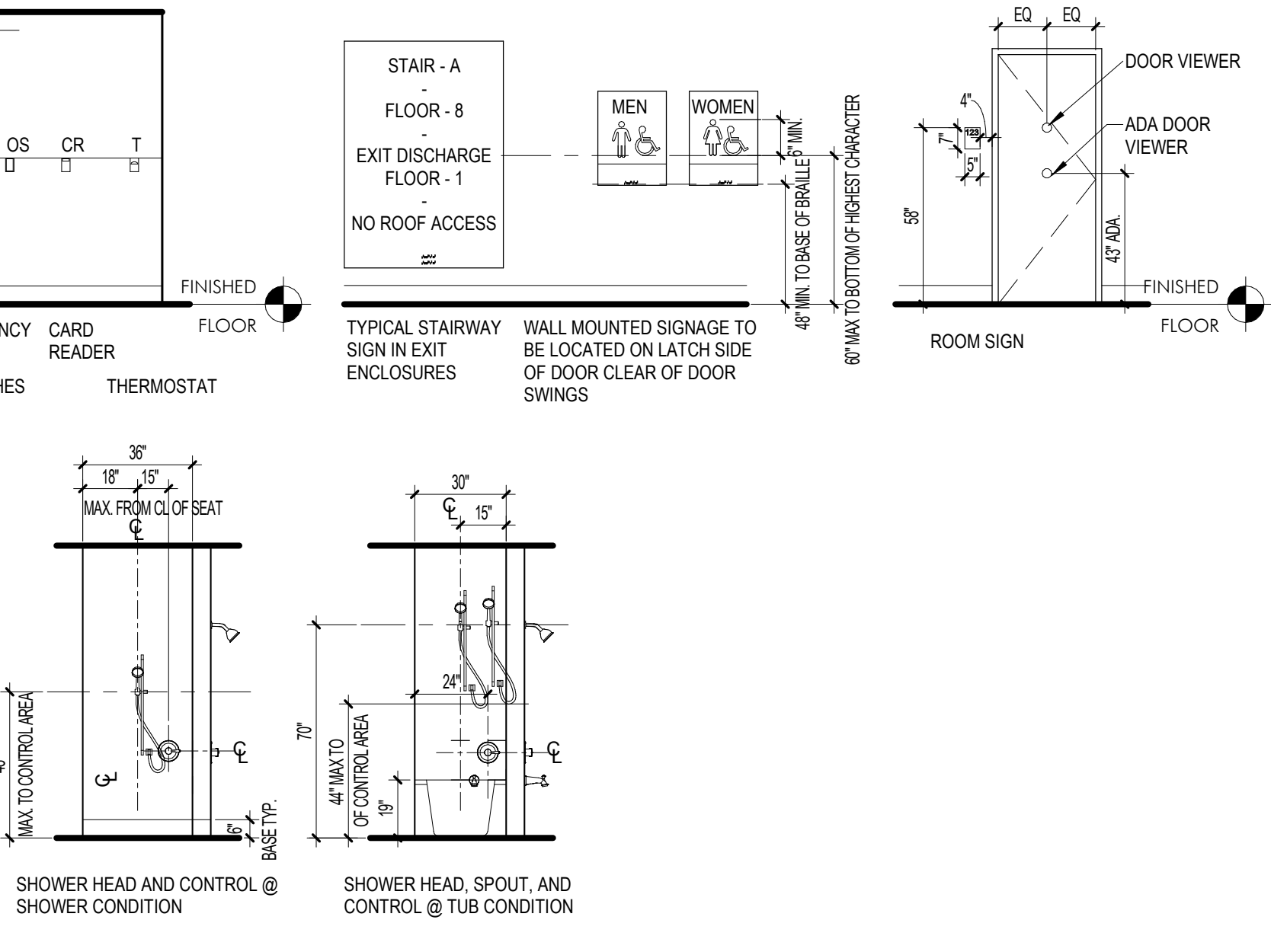
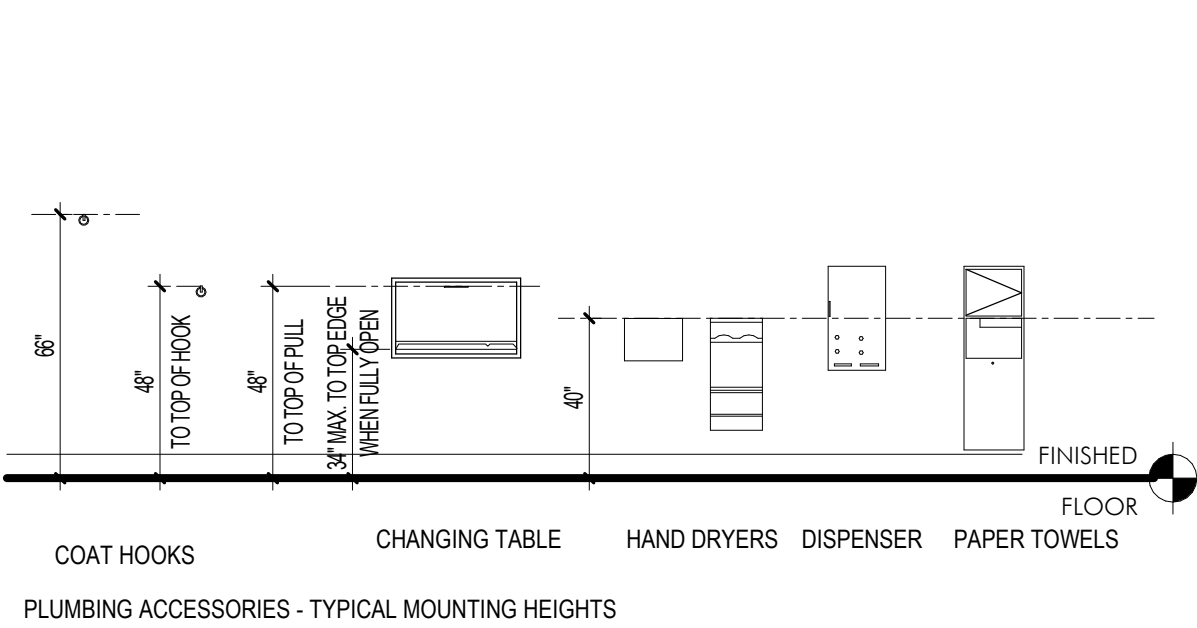
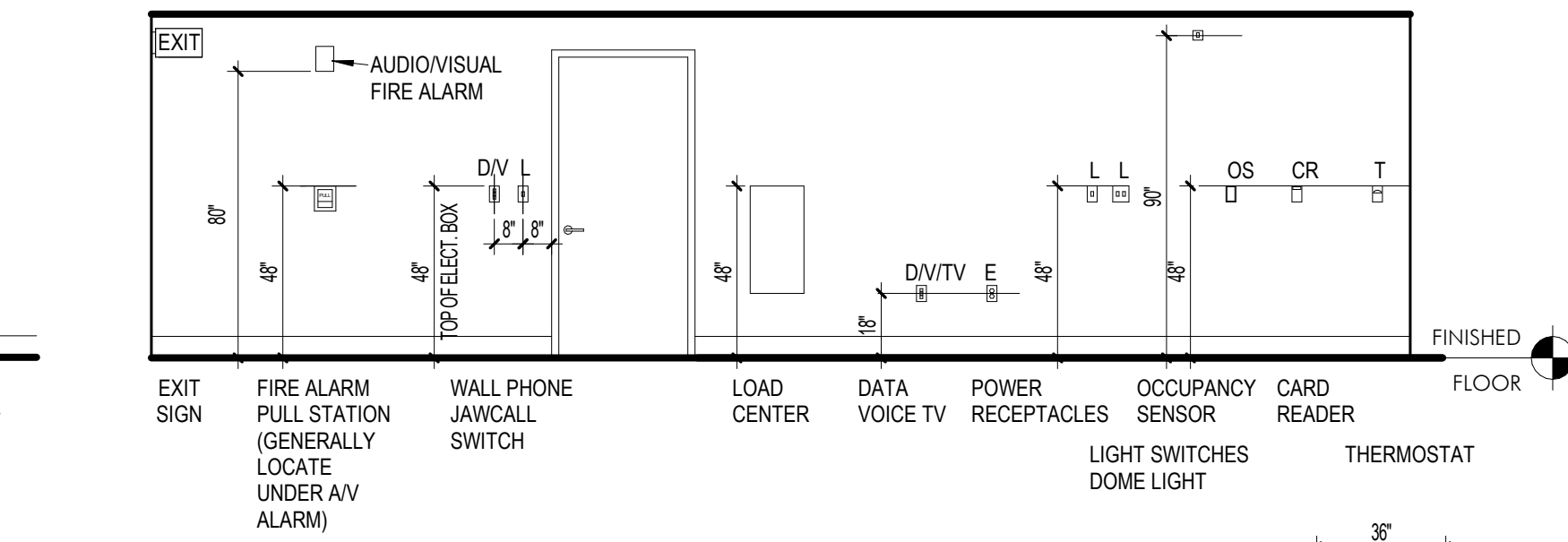
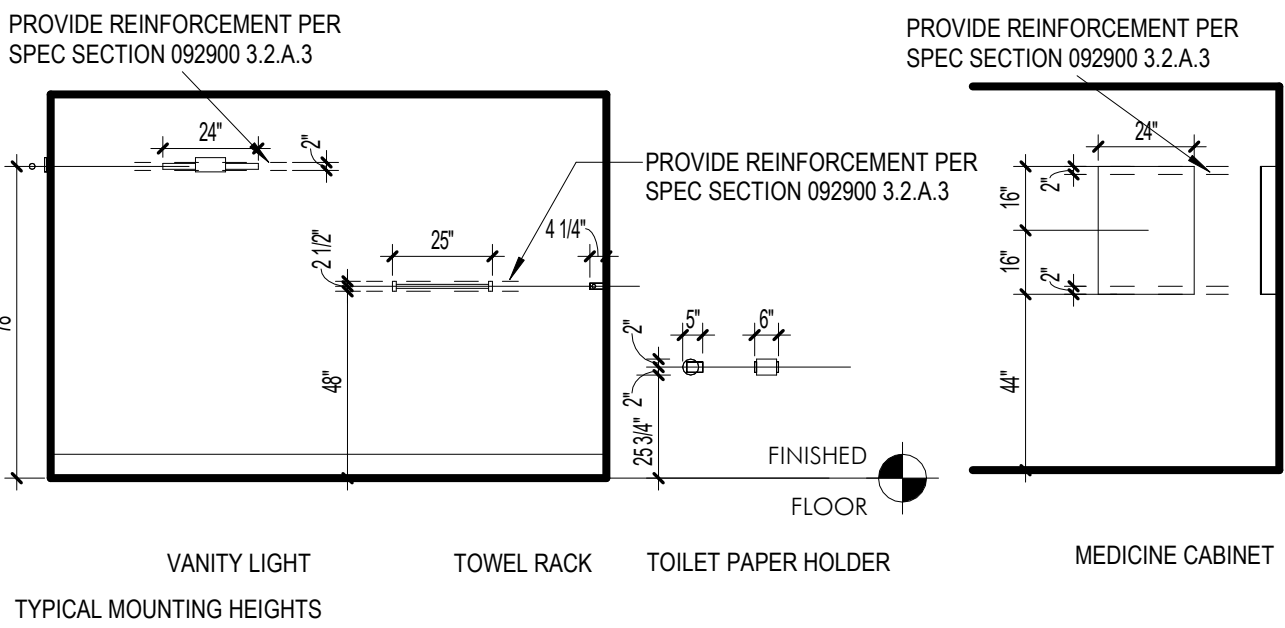
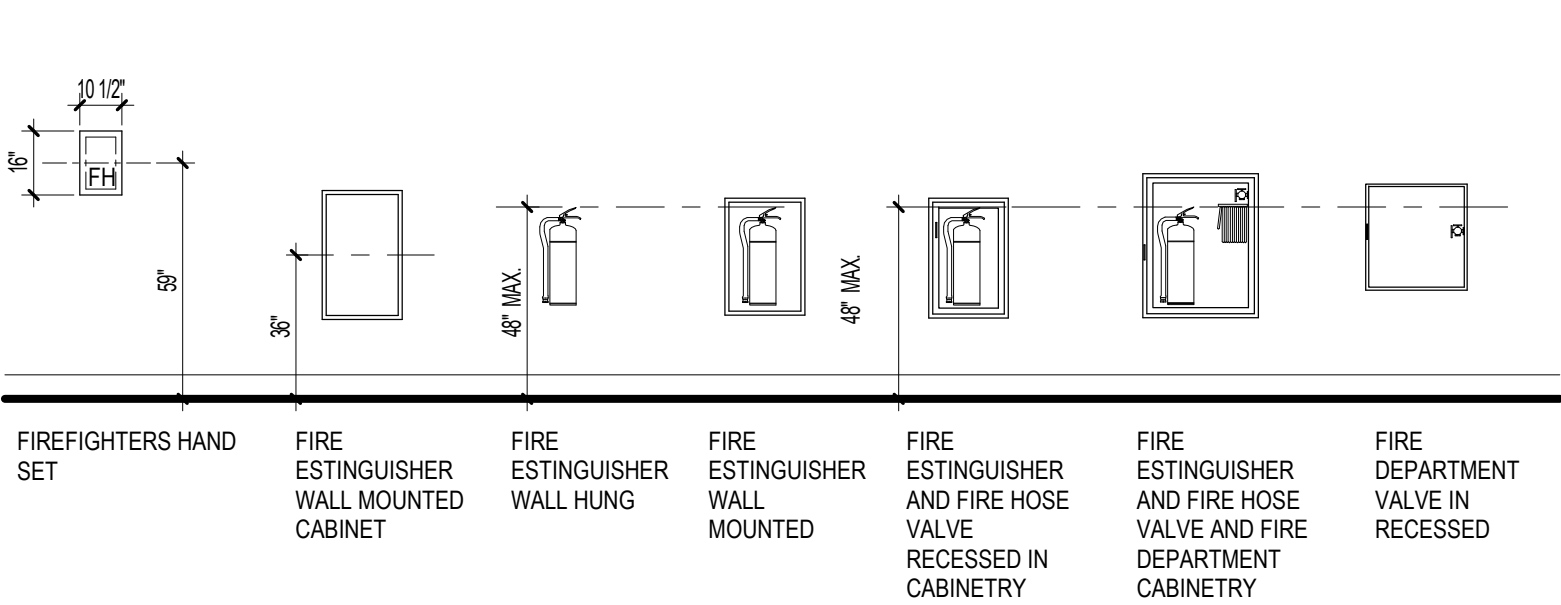


FIG. 804.2.1 - PASS-THROUGH KITCHEN CLEARANCE

KITCHENS

GENERAL NOTES & TYPICAL MOUNTING HEIGHTS



STRETCHER ACCESS DIAGRAMS

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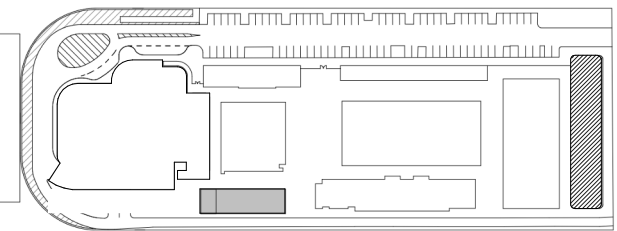
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PROJECT  
**ISHOF - EAST BUILDING**  
501 Seabreeze Blvd., Fort Lauderdale, FL 33316

KEY PLAN:

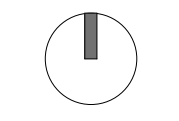


DESCRIPTION DATE

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PROJECT NORTH:



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GENERAL NOTES - ACCESSIBILITY AND MOUNTING HEIGHTS

PROJECT NUMBER: 010326.000

DATE: 06/17/2022

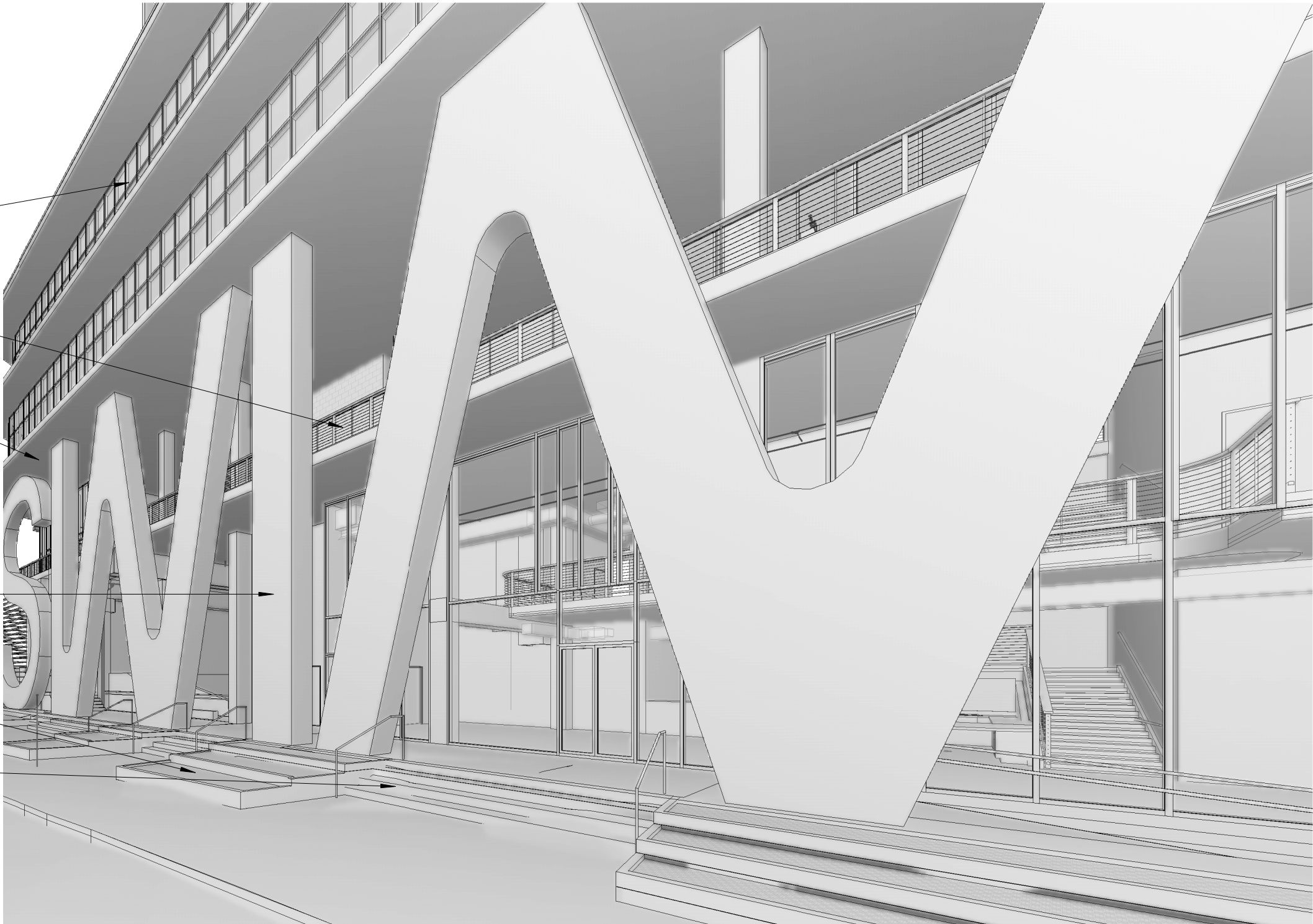
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SHEET

**G-005**

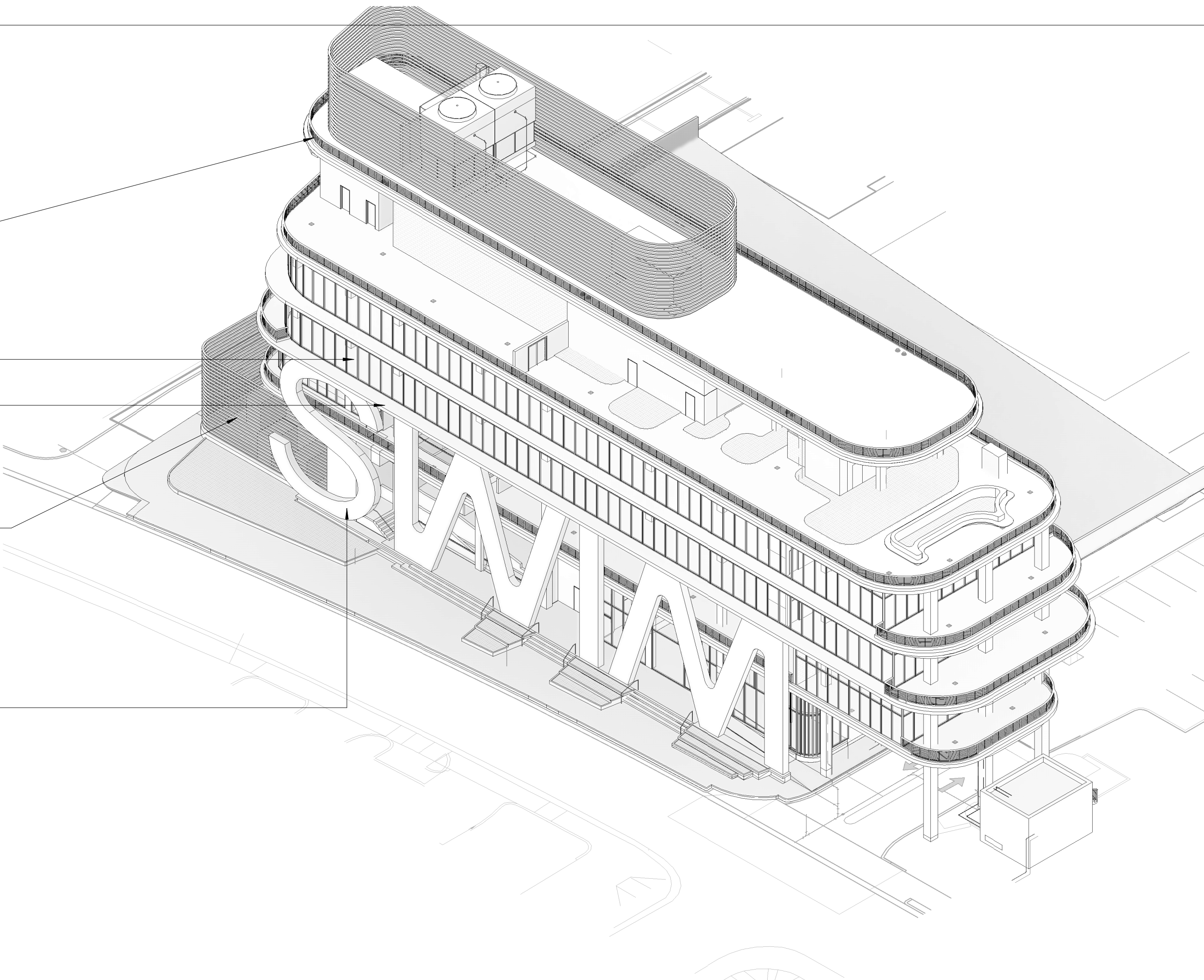
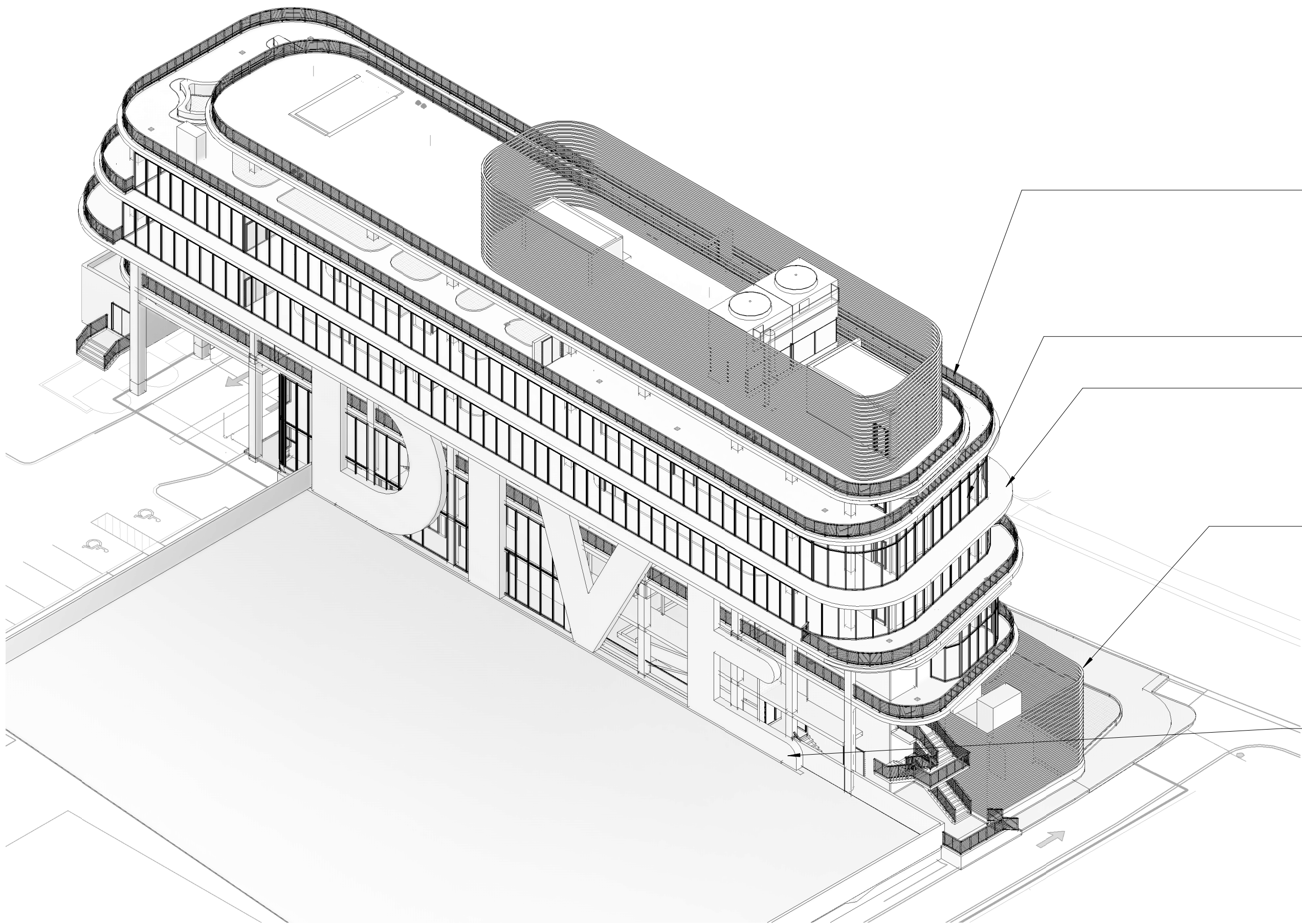
CAM 23-0723  
Exhibit 1L  
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4 3D VIEW - STREET

3 3D VIEW - ENTRANCE



2 3D VIEW \_ ISOMETRIC \_ WEST

1 3D VIEW \_ ISOMETRIC \_ EAST

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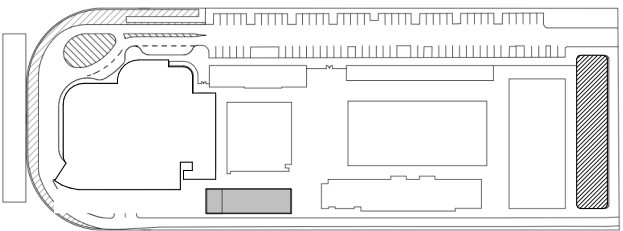
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PROJECT  
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KEY PLAN:



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3D VIEWS - EXTERIOR

PROJECT NUMBER: 010326.000

DATE: 06/17/2022

SCALE:

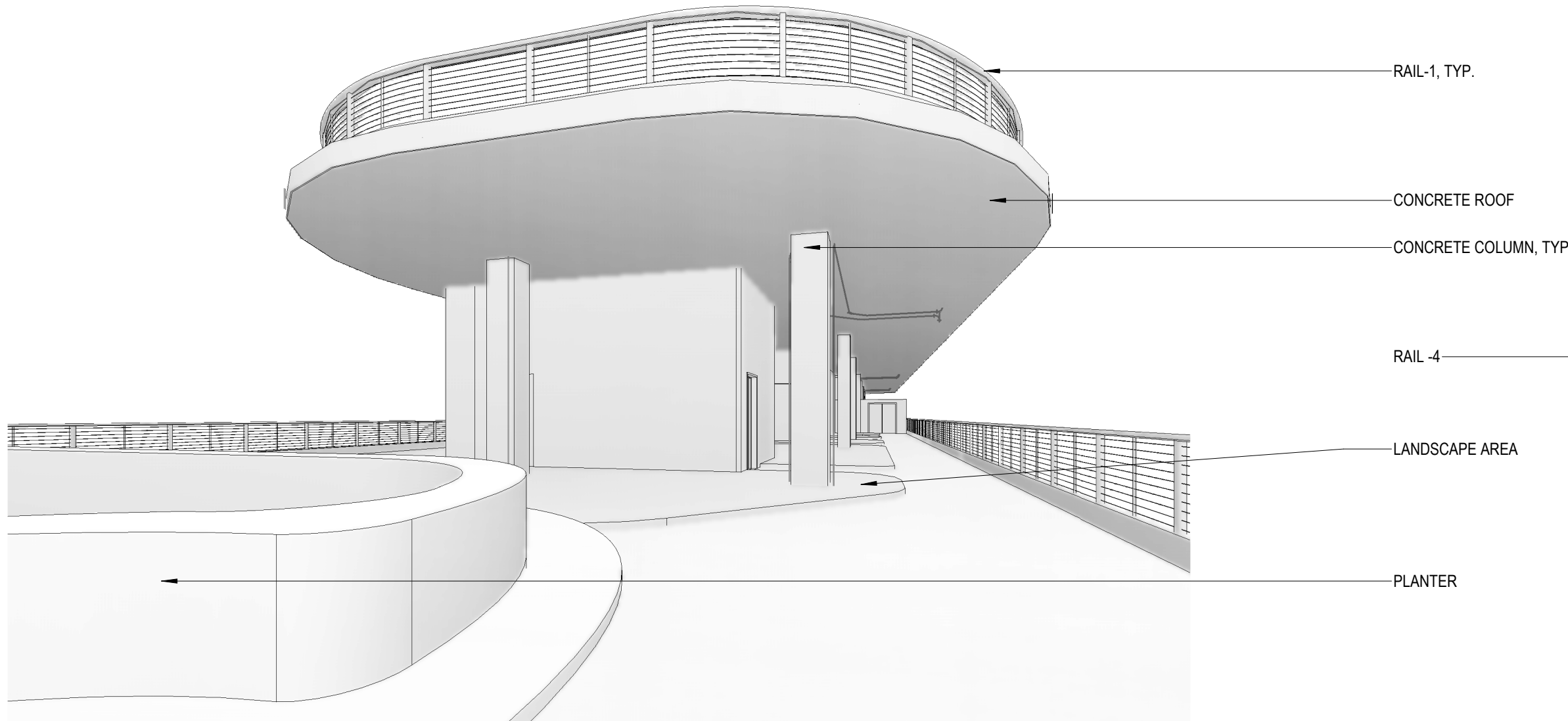
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**G-006**

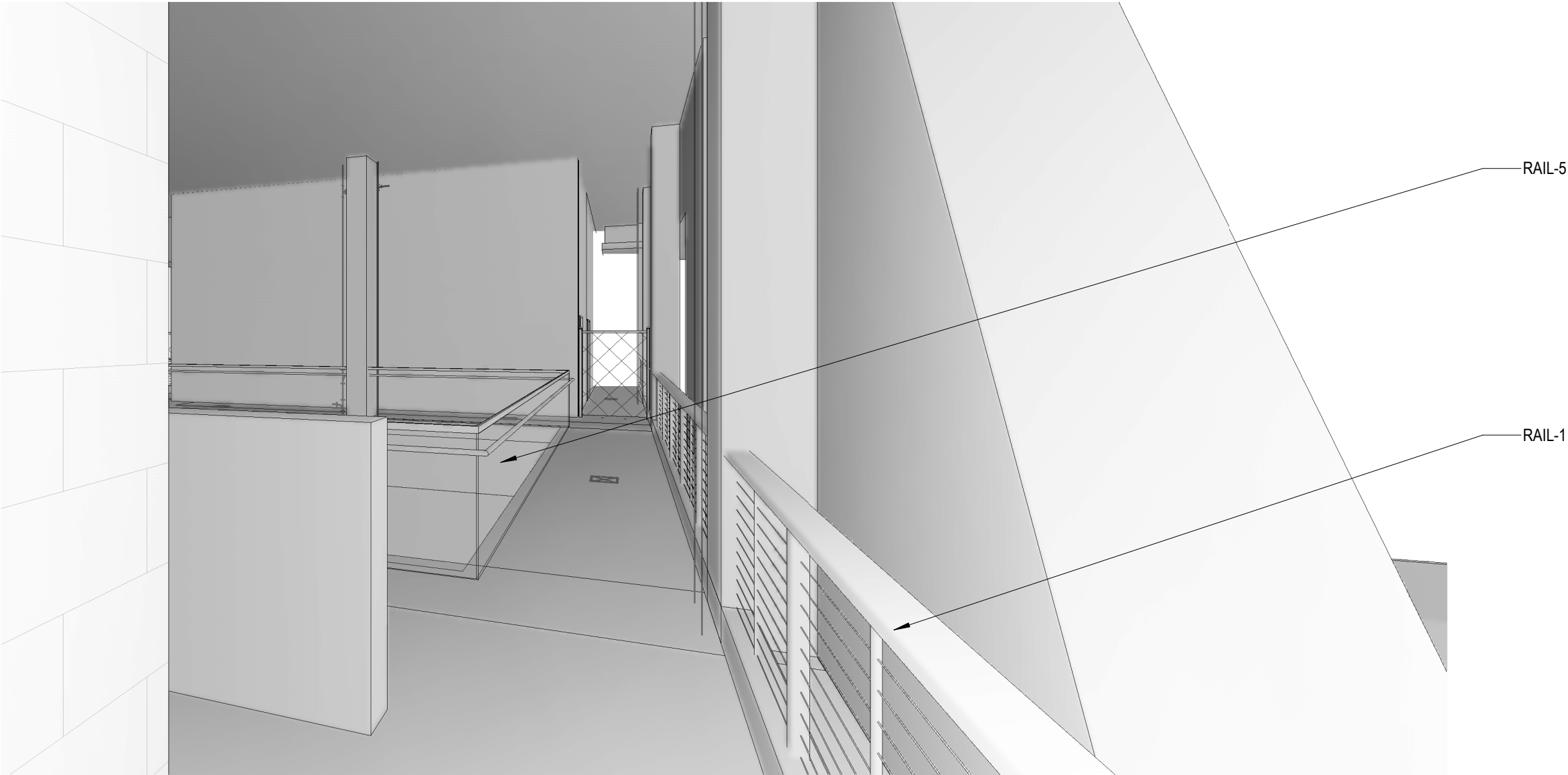
CAM 23-0723  
Exhibit 1L  
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4 3D VIEW - INTERIOR - PUBLIC TERRACE



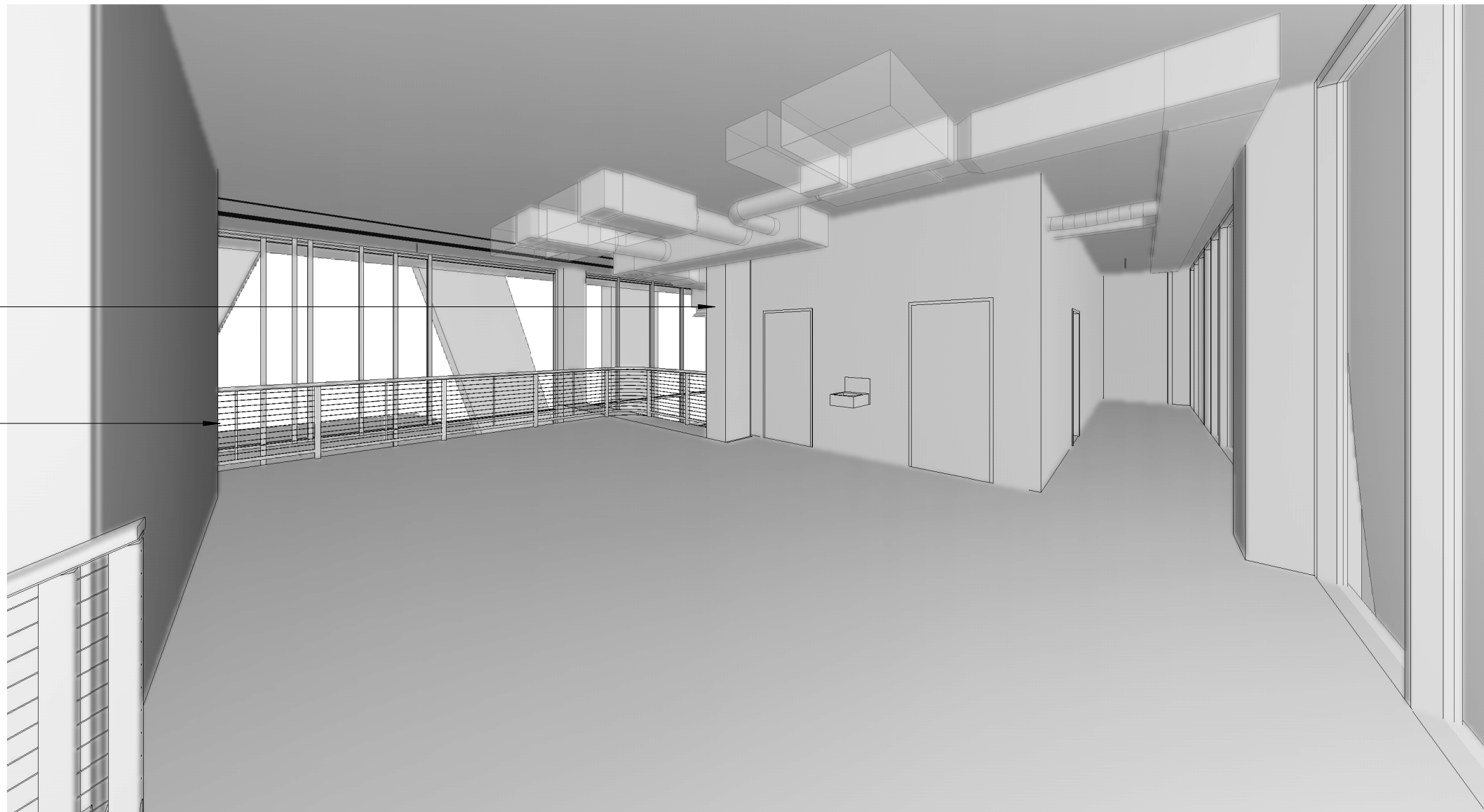
2 3D VIEW - INTERIOR - LEVEL 02



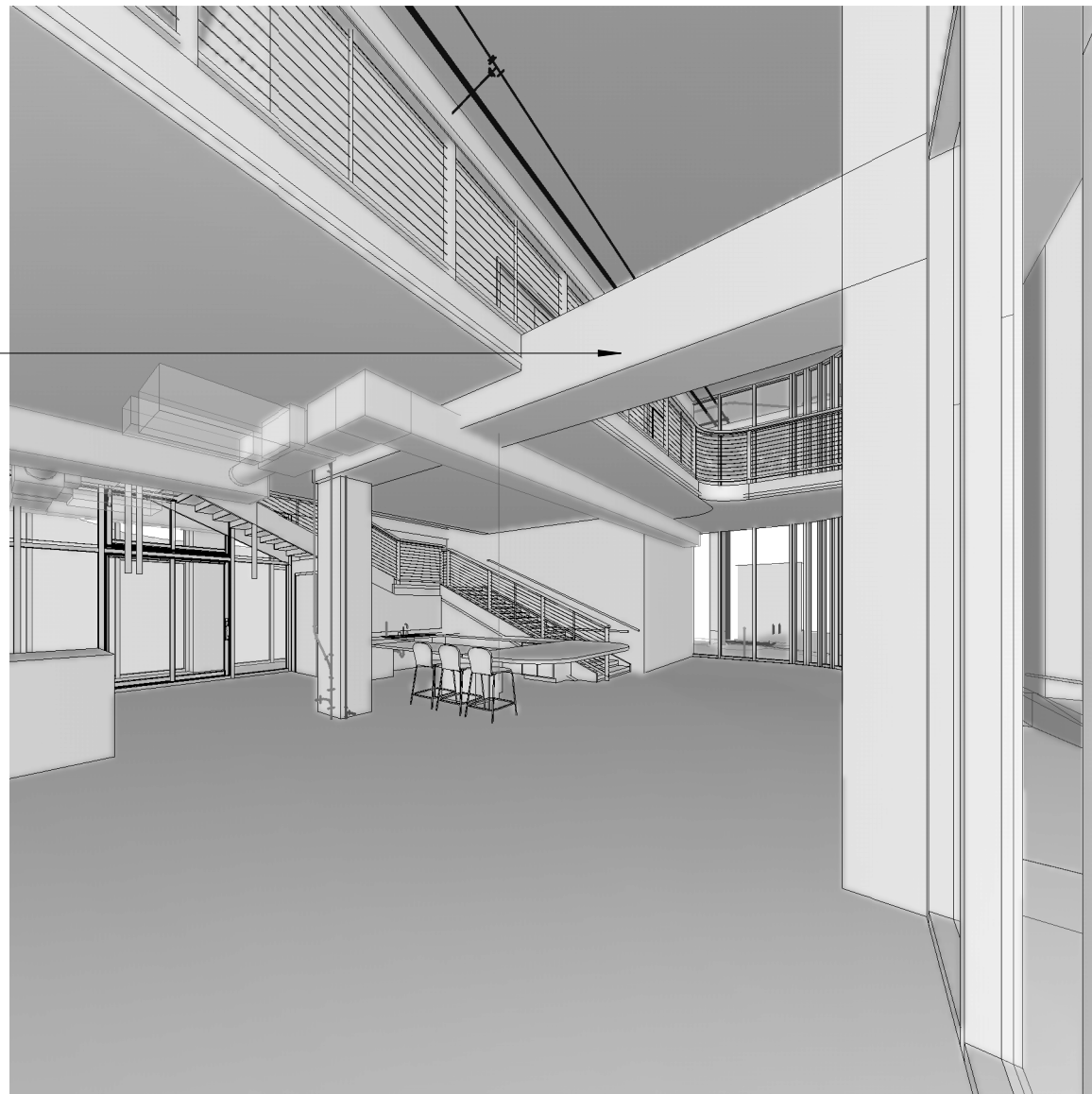
5 3D VIEW - INTERIOR - COFFEE TERRACE



3 3D VIEW - INTERIOR - LEVEL 01 MEZZ.



1 3D VIEW - INTERIOR - LEVEL 01



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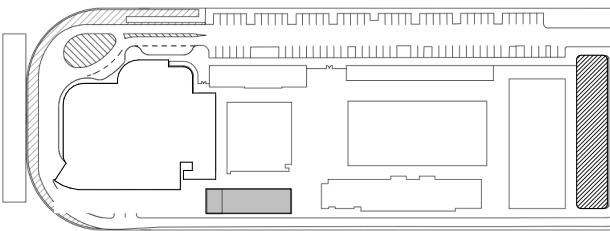
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PROJECT  
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KEY PLAN:

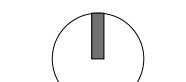


△	DESCRIPTION	DATE
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PROJECT NORTH:



DRAWING TITLE  
3D VIEWS - INTERIOR

PROJECT NUMBER: 010326.000

DATE: 06/17/2022

SCALE:

SHEET

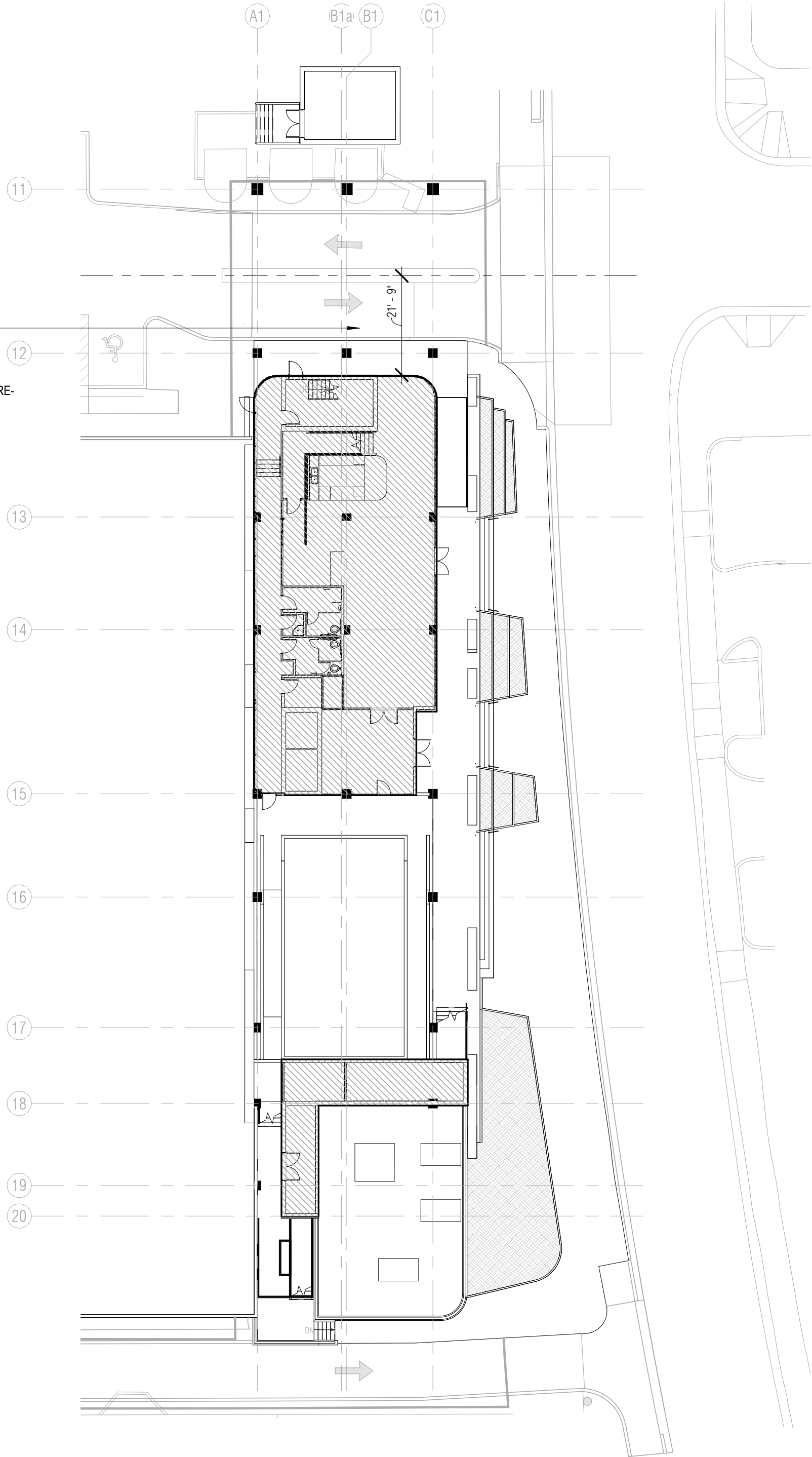
**G-007**

CAM 23-0723  
Exhibit 1L  
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PLUMBING FIXTURE ANALYSIS									
LEVEL	OCCUPANCY LOAD	REQUIRED WATER CLOSETS/ URINALS	PROVIDED PLUMBING FIXTURES (REQUIRED/PROVIDED)						
			WATER CLOSETS/URINALS			LAVATORY			DRINKING FOUNTAIN
			MALE	FEMALE	UNI	MALE	FEMALE	UNI	
LEVEL 01	169	4	2	2		1	1		1/1
LEVEL 01 MEZZ.	58	2			2			2	1/1
LEVEL 02 OFFICE	30	2			4				1/2
LEVEL 02 TERRACE	184	6	3	3		1	1	4	1/2
LEVEL 03	93		3	3		1	1		1/1
LEVEL 04	90	6	3	3		1	1		1/1
LEVEL 05 MEP	23								
LEVEL 05 TERRACE	192	8	4	4		1	1		1/1
TOTAL		28	15	15	6	5	5	6	9
									7

PER TABLE 705.8, THE FSD FOR THE BUILDING IS 21'-9", WHICH ALLOWS NO LIMIT TO OPENING AREAS AND A FIRE-RESISTANCE RATING OF 0 FOR GROUPS A, B, AND S-2



1 FSD DIAGRAM  
3/64" = 1'-0"

PROJECT DESCRIPTION:

THE PROPOSED INTERNATIONAL SWIMMING HALL OF FAME – EAST BUILDING PROJECT WILL BE A MIXED- USE BUILDING COMPOSED OF 5-STORIES. THE BUILDING HAS PRIMARY USE OF ASSEMBLY OCCUPANCY WHICH COMPRISES OF CONFERENCE ROOMS (GROUP A-3), OFFICE AND PUBLIC TERRACES (GROUP A-3), WELCOME CENTER (GROUP A-3), CAFÉ (GROUP A-2) ALONG WITH OFFICES (GROUP B), AND GENERAL STORAGE/MEP (GROUP S-2).

SINCE THE HIGHEST OCCUPIABLE FLOOR IS LESS THAN 75 FEET, THIS BUILDING SHALL BE CONSIDERED AS A LOW-RISE. THE BUILDING WILL BE PROTECTED THROUGHOUT BY AUTOMATIC SPRINKLERS DESIGNED IN ACCORDANCE WITH NFPA 13, STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS, AND AN EMERGENCY-VOICE ALARM COMMUNICATION SYSTEM DESIGNED IN ACCORDANCE WITH NFPA 72, NATIONAL FIRE ALARM AND SIGNALING CODE.

CONSTRUCTION TYPE: TYPE 1B

BUILDING ELEMENT	FIRE-RESISTANCE RATING (HOURS)
PRIMARY STRUCTURAL FRAME	2
BEARING WALLS	
EXTERIOR	2
INTERIOR	2
NONBEARING WALLS AND PARTITIONS	(TABLE 602)
EXTERIOR	0
INTERIOR*	
FLOOR CONSTRUCTION AND SECONDARY MEMBERS	2
ROOF CONSTRUCTION AND SECONDARY MEMBERS	1 <sup>2,3</sup>

\*FIRE-RESISTANCE RATINGS OF THE PRIMARY STRUCTURAL FRAME AND BEARING WALLS ARE PERMITTED TO BE REDUCED BY 1 HOUR WHERE SUPPORTING A ROOF ONLY.  
\*EXCEPT IN GROUP F-1, H, M, AND S-1 OCCUPANCIES, FIRE PROTECTION OF PRIMARY STRUCTURAL MEMBERS SHALL NOT BE REQUIRED, INCLUDING PROTECTION OF ROOF FRAMING, AND DECKING WHERE EVERY PART OF THE ROOF CONSTRUCTION IS 20 FEET OR MORE ABOVE ANY FLOOR IMMEDIATELY BELOW. FIRE-RETARDANT-TREATED WOOD MEMBERS SHALL BE ALLOWED TO BE USED FOR SUCH UNPROTECTED MEMBERS.  
\*IN ALL OCCUPANCIES, HEAVY TIMBER COMPLYING WITH SECTION 2304.11 SHALL BE ALLOWED WHERE A 1-HOUR OR LESS FIRE-RESISTANCE RATING IS REQUIRED.  
\*NOT LESS THAN THE FIRE-RESISTANCE RATING REQUIRED BY OTHER SECTIONS OF THE FBC.  
\*NOT LESS THAN REQUIRED BY TABLE 602 OF THE FBC BASED ON THE FIRE SEPARATION DISTANCES (FSDS).  
\*NOT LESS THAN THE RATING AS REFERENCED IN FBC SECTION 704.10

EXTERIOR WALL RATINGS AND ALLOWABLE OPENINGS		
FIRE SEPARATION DISTANCE = X (FEET)	ALLOWABLE OPENING AREA	FIRE-RESISTANCE RATING (GROUP A, B, S-2)
X≥20	NO LIMIT	0

NOTE: SEE DIAGRAM TO THE LEFT, SHOWING THE FIRE SEPARATION DISTANCE AS 21'-9", WHICH IS GREATER THAN 20FEET

ENERGY CONSERVATION CODE GENERAL SUMMARY:

CLIMATE ZONE: 1

TABLE C402.1.3 OPAQUE THERMAL ENVELOPE INSULATION COMPONENT MIN. REQUIREMENTS, R-VALUE METHOD

ROOFS - INSULATION ABOVE DECK -	R-20 <sup>6</sup>
WALLS, ABOVE GRADE - MASS	R-5.7 <sup>6</sup>
WALLS, BELOW GRADE	NR
FLOORS - MASS	NR
SLAB-ON-GRADE FLOORS, UNHEATED SLABS	NR
OPAQUE DOORS, NONSWINGING	R-4.75

TABLE C402.4 BUILDING ENVELOPE FENESTRATION MAXIMUM U-FACTOR AND SHGC REQUIREMENTS

U-FACTOR		
FIXED FENESTRATION	0.5	
ENTRANCE DOORS	1.10	
SHGC	SEW	N
PF < 0.2	0.25	0.33
0.2 ≤ PF < 0.5	0.30	0.37
PF ≥ 0.5	0.40	0.40

GENERAL MEANS OF EGRESS REQUIREMENTS:

MAXIMUM ALLOWABLE TRAVEL DISTANCE:  
AS A BUILDING PROTECTED THROUGHOUT BY AUTOMATIC SPRINKLERS, THE FOLLOWING MAXIMUM ALLOWABLE TRAVEL DISTANCES ARE APPLICABLE AS REQUIRED BY FBC 1-1006.2.1, SECTION 1020.4, T-1017.2, AND FFPC, NFPA 101 T-A.7.6.

TABLE 6 - TRAVEL DISTANCE REQUIREMENTS

OCCUPANCY GROUP CLASSIFICATIONS (FBC)	OCCUPANCY CLASSIFICATION (FFPC)	DISTANCE S
USE GROUP A, ASSEMBLY OCCUPANCIES	ASSEMBLY	MAX. TRAVEL DISTANCE: 250 FEET MAX. DEAD END DISTANCE: 20 FEET MAX. COMMON PATH DISTANCE: 20/75 FEET <sup>1</sup>
USE GROUP B, BUSINESS OCCUPANCIES	BUSINESS	MAX. TRAVEL DISTANCE: 300 FEET MAX. DEAD END DISTANCE: 50 FEET MAX. COMMON PATH DISTANCE: 100 FEET <sup>1</sup>
USE GROUP S-2, LOW HAZARD STORAGE OCCUPANCIES	STORAGE - LOW	MAX. TRAVEL DISTANCE: STORAGE - 400 FEET (FBC) MAX. DEAD END DISTANCE: STORAGE - 50 FEET (FBC) MAX. COMMON PATH DISTANCE: STORAGE - 100 FEET (FBC)

<sup>1</sup>ASSEMBLY USE SPACES WITH AN OCCUPANT LOAD OF 50 OR MORE, SHALL HAVE ITS COMMON PATH OF TRAVEL DISTANCE LIMITED AT 20-FEET. IF THE OCCUPANT LOAD IS LESS THAN 50, THEN THE COMMON PATH OF TRAVEL DISTANCE SHALL BE LIMITED TO 75-FEET.

OCCUPANT LOAD FACTORS:

USE OF SPACE	OCCUPANT LOAD FACTORS (FT <sup>2</sup> /OCCUPANT)
ASSEMBLY –CONCENTRATED	7 NET
ASSEMBLY –UNCONCENTRATED TABLES & CHAIRS	15 NET
COMMERCIAL KITCHEN	100 GROSS (FFPC)
MECHANICAL SPACES	300 GROSS (FBC)
OFFICES	150 GROSS
STORAGE AREAS	300 GROSS (FBC)

EGRESS CAPACITY

OCCUPANCY	EGRESS COMPONENT	EGRESS CAPACITY FACTOR (INCHES/OCCUPANT)
		FFPC FBC
ALL OTHERS	STAIRWAYS < 44 INCHES	0.3 0.2
	STAIRWAY > 44 INCHES	SEE NOTE 1 0.2
	LEVEL COMPONENTS	0.2 0.15

NOTE 1: FOR STAIRWAYS IN THE REFERENCED OCCUPANCIES THAT ARE WIDER THAN 44 IN., THE CAPACITY IS PERMITTED TO BE INCREASED USING THE FOLLOWING EQUATION:  
C = 146.7 + (Wn - 44) / 0.218

WHERE:  
C = CAPACITY, IN PERSONS, ROUNDED TO THE NEAREST INTEGER  
WN = NOMINAL WIDTH OF THE STAIR (INCHES)

STAIRS MUST HAVE A MINIMUM WIDTH OF 44 INCHES. IF THE CUMULATIVE OCCUPANT LOAD ASSIGNED TO A STAIR IS OVER 2,000 PERSONS, THE STAIR MUST HAVE A MINIMUM WIDTH OF 56 INCHES PER FFPC, NFPA 101 TABLE 7.2.2.2.1.2(B).

FIRE PROTECTION AND LIFE SAFETY SYSTEMS OVERVIEW:

FIRE EXTINGUISHERS:				
HAZARD AREA	MINIMUM SIZE AND TYPE	MAX. TRAVEL DIST.	MAX. FLOOR AREA PER UNIT OF A	PER EXTINGUISHER
LOW HAZARD (ASSEMBLY/OFFICE)	2A:10B:C INCREASE RATING BASED ON LIMITS	75 FEET	3,000 SF	11,250 SF
MODERATE HAZARD (STORAGE)	2A:20B:C INCREASE RATING BASED ON LIMITS	50 FEET	1,500 SF	11,250 SF
COMMERCIAL KITCHEN	CLASS K	30 FEET TO COOKING APPLIANCE	N/A	N/A

ARQUITECTONICA

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MEP/FP ENGINEERS:

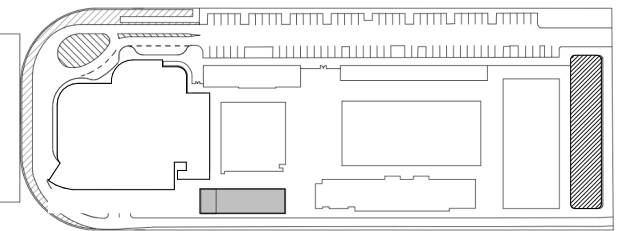
KAMM CONSULTING  
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TEL:954.949.2200

CIVIL ENGINEER:

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TEL:954.788.3400

PROJECT  
ISHOF - EAST BUILDING  
501 Seabreeze Blvd., Fort Lauderdale, FL 33316

KEY PLAN:

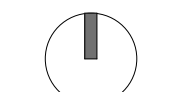


DESCRIPTION DATE

NOT FOR CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:



DRAWING TITLE  
LIFE SAFETY - GENERAL NOTES

PROJECT NUMBER: 010326.000

DATE: 06/17/2022

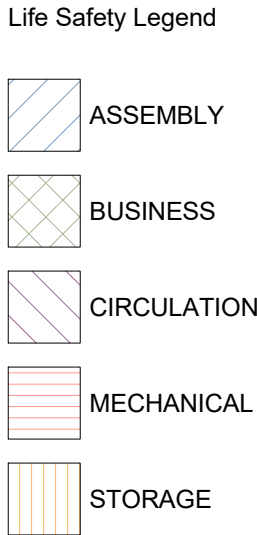
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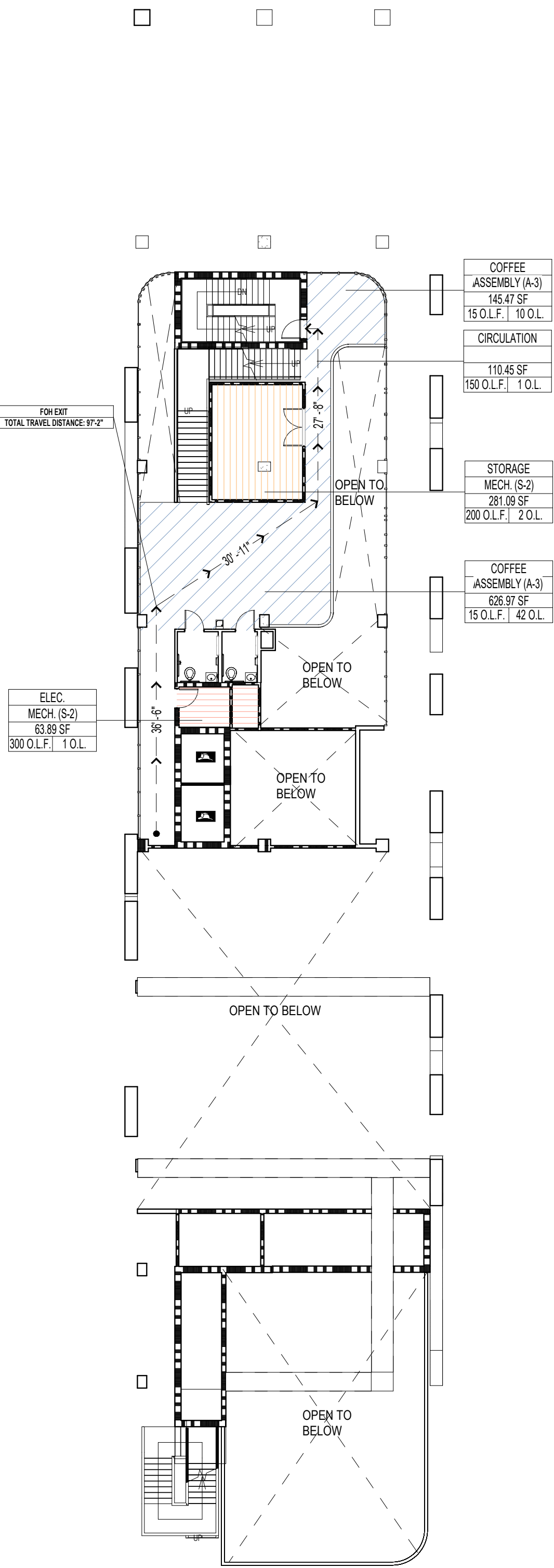
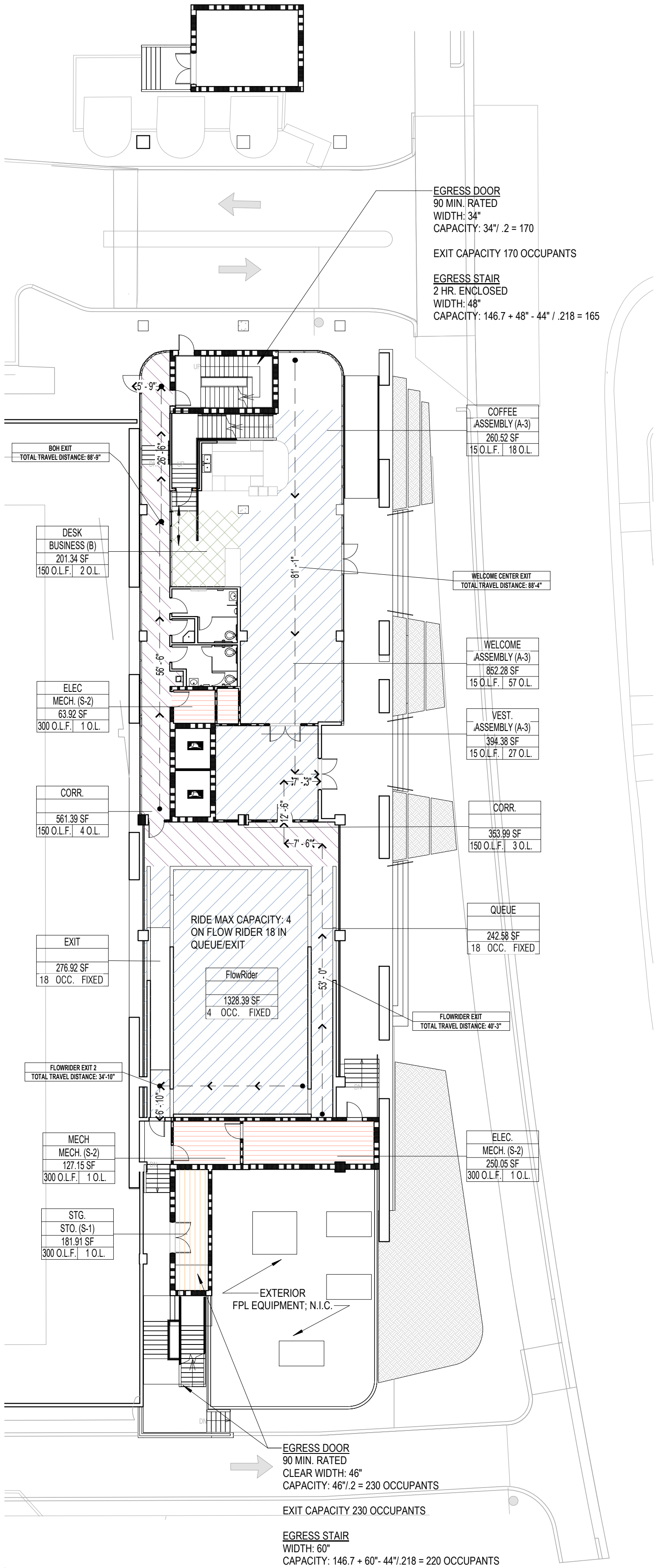
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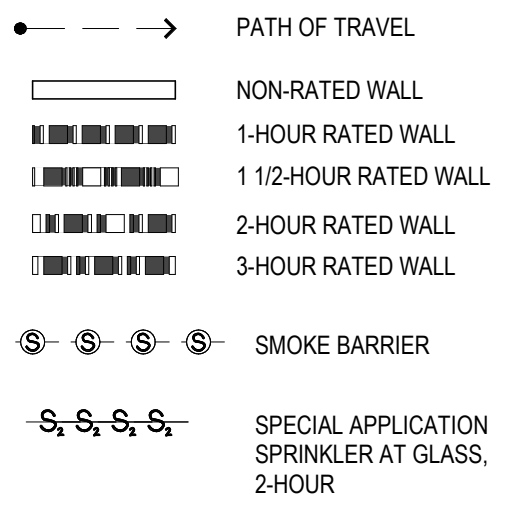
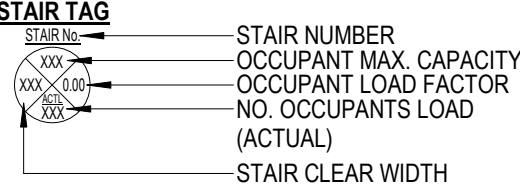
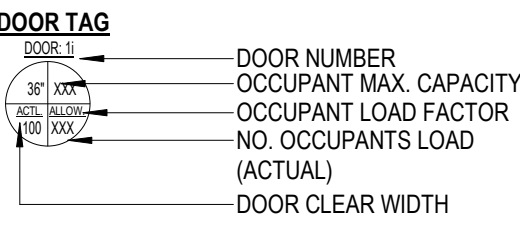
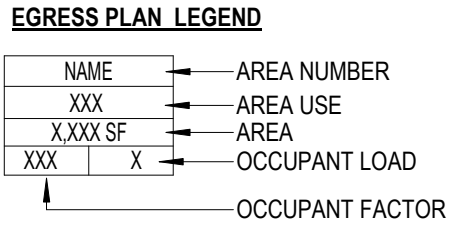
ROOM OCCUPANCY SCHEDULE				
NAME	AREA	AREA USE	OCCUPANT LOAD FACTOR	ACTUAL LOAD
LEVEL 1				
FlowRider	1330 SF	ASSEMBLY	350	4
WELCOME	850 SF	ASSEMBLY	15	57
VEST.	300 SF	ASSEMBLY	15	25
ELEC.	60 SF	MECHANICAL	300	1
DESK	200 SF	BUSINESS	150	2
COFFEE	260 SF	ASSEMBLY	15	18
CORR.	560 SF	CIRCULATION	150	5
CORR.	330 SF	CIRCULATION	150	3
MECH.	130 SF	MECHANICAL	300	1
ELEC.	250 SF	MECHANICAL	300	1
EXIT	280 SF	ASSEMBLY	18	18
STG.	180 SF	STORAGE	300	1
FIRE PUMP ROOM	150 SF	MECHANICAL	300	1
BARISTA	200 SF	ASSEMBLY	15	14
QUEUE	240 SF	ASSEMBLY	18	18
LEVEL 1: 15				169
LEVEL 1 MEZZ				
STORAGE	280 SF	STORAGE	200	2
ELEC.	60 SF	MECHANICAL	300	1
COFFEE	630 SF	ASSEMBLY	15	42
COFFEE	150 SF	ASSEMBLY	15	10
CIRCULATION	110 SF	ASSEMBLY	150	1
CORR.	220 SF	ASSEMBLY	150	2
LEVEL 1 MEZZ: 6				58
LEVEL 2				
OFFICE	2310 SF	BUSINESS	150	16
CAFE	540 SF	ASSEMBLY	15	37
KITCHEN	350 SF	BUSINESS	200	2
CAFÉ TERRACE	1950 SF	ASSEMBLY	15	131
MECH	330 SF	MECHANICAL	200	2
JANITOR CLOSET	40 SF	STORAGE	200	1
OFFICE	1960 SF	BUSINESS	150	14
CIRCULATION	830 SF	CIRCULATION	150	6
CIRCULATION	710 SF	ASSEMBLY	150	4
ELEC	60 SF	MECHANICAL	200	1
LEVEL 2: 10				214
LEVEL 3				
OFFICE FLOOR	13880 SF	BUSINESS	150	93
LEVEL 3: 1				93
LEVEL 4				
OFFICE FLOOR	13410 SF	BUSINESS	150	90
LEVEL 4: 1				90
LEVEL 5				
MECH. AREA	6820 SF	MECHANICAL	300	23
PUBLIC TERRACE	2680 SF	ASSEMBLY (A-3)	15	179
EXT. CORR.	1110 SF	CIRCULATION	150	8
CIRCULATION	650 SF	CIRCULATION	150	4
KIOSK	90 SF	BUSINESS	150	1
LEVEL 5: 5				215



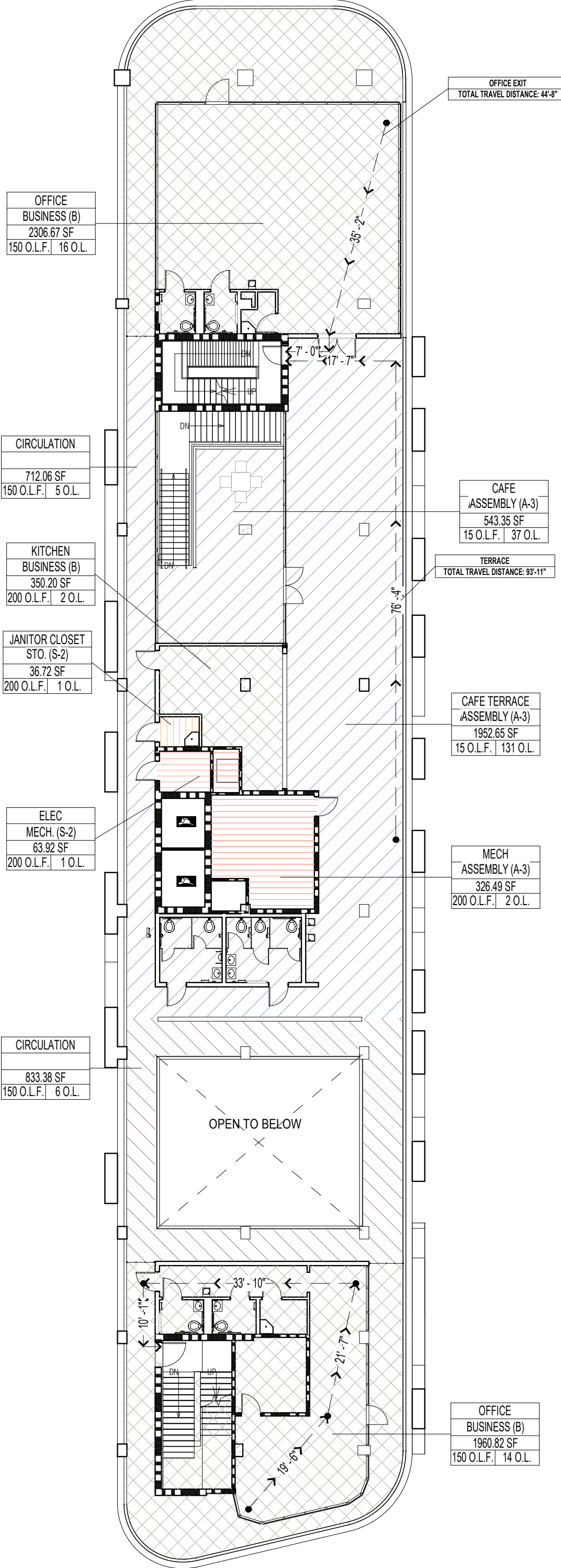
NOTE:  
ALL SINGLE DOORS, EXCEPT AT ALL STR E-B DOORS, ARE 34 1/2" CLEAR WIDTH, WITH A CAPACITY OF 172 FOR FFPC AND 230 FOR FBC  
ALL STR E-B DOORS ARE 46" CLEAR WIDTH, WITH A CAPACITY OF 130 FOR FFPC AND 306 FOR FBC  
ALL DOUBLE DOORS ARE 70" CLEAR WIDTH, WITH A CAPACITY OF 350 FOR FFPC AND 466 FOR FBC



EGRESS CAPACITY				EGRESS CAPACITY		
STAIR	STAIR WIDTH	FFPC	FBC	DOOR WIDTH	FFPC	FBC
STAIR E-A	48	166	240	34	170	454
STAIR E-B	60	221	300	46	230	307
FLOOR TOTAL:				387		



- NOTES:
- SEE PARTITION SCHEDULE FOR ADDITIONAL INFORMATION.
  - SEE DOOR SCHEDULE FOR ADDITIONAL INFORMATION.
  - FIRE RATING FOR PARTITIONS WILL CONTINUE ALONG DOOR OPENINGS THAT ARE IN BETWEEN THE FIRE RATED PARTITIONS
  - ALL SHAFTS CONTAINED WITHIN 2 HR.-RATED WALL.



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CIVIL ENGINEER:

KEITH

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PROJECT

ISHOF - EAST BUILDING

501 Seabreeze Blvd., Fort Lauderdale, FL 33316

KEY PLAN:

DESCRIPTION	DATE
NOT FOR CONSTRUCTION	

SEAL & SIGNATURE

PROJECT NORTH

DRAWING TITLE

LIFE SAFETY - LEVELS 01-02

PROJECT NUMBER: 010326.000

DATE: 06/17/2022

SCALE: 1/16" = 1'-0"

SHEET

A2-005

CAM 23-0723

Exhibit 1L

Page 9 of 171



ROOM OCCUPANCY SCHEDULE				
NAME	AREA	AREA USE	OCCUPANT LOAD FACTOR	ACTUAL LOAD

LEVEL 1				
FlowRider	1330 SF	ASSEMBLY	350	4
WELCOME	850 SF	ASSEMBLY	15	57
VEST.	390 SF	ASSEMBLY	15	25
ELEC.	60 SF	MECHANICAL	300	1
DESK	200 SF	BUSINESS	150	2
COFFEE	260 SF	ASSEMBLY	15	18
CORR.	560 SF	CIRCULATION	150	5
CORR.	350 SF	CIRCULATION	150	3
MECH	130 SF	MECHANICAL	300	1
ELEC.	250 SF	MECHANICAL	300	1
EXIT	280 SF	ASSEMBLY	18	18
STG.	180 SF	STORAGE	300	1
FIRE PUMP ROOM	150 SF	MECHANICAL	300	1
BARISTA	200 SF	ASSEMBLY	15	14
QUEUE	240 SF	ASSEMBLY	18	18
LEVEL 1: 15			169	

LEVEL 1 MEZZ				
STORAGE	280 SF	STORAGE	200	2
ELEC.	60 SF	MECHANICAL	300	1
COFFEE	630 SF	ASSEMBLY	15	42
COFFEE	150 SF	ASSEMBLY	15	10
CIRCULATION	110 SF	ASSEMBLY	150	1
CORR.	220 SF	ASSEMBLY	150	2
LEVEL 1 MEZZ: 6			58	

LEVEL 2				
OFFICE	2310 SF	BUSINESS	150	16
CAFE	540 SF	ASSEMBLY	15	37
KITCHEN	350 SF	BUSINESS	200	2
CAFE TERRACE	1950 SF	ASSEMBLY	15	131
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CIRCULATION	710 SF	ASSEMBLY	150	4
ELEC	60 SF	MECHANICAL	200	1
LEVEL 2: 10			214	

LEVEL 3				
OFFICE FLOOR	13880 SF	BUSINESS	150	93
LEVEL 3: 1			93	

LEVEL 4				
OFFICE FLOOR	13410 SF	BUSINESS	150	90
LEVEL 4: 1			90	

LEVEL 5				
MECH. AREA	6820 SF	MECHANICAL	300	23
PUBLIC TERRACE	2680 SF	ASSEMBLY (A-3)	15	179
EXT. CORR.	1110 SF	CIRCULATION	150	8
CIRCULATION	650 SF	CIRCULATION	150	4
KIOSK	90 SF	BUSINESS	150	1
LEVEL 5: 5			215	

- Life Safety Legend
- ASSEMBLY (A-3)
  - BUSINESS
  - CIRCULATION
  - MECHANICAL

1 LEVEL 3  
1/16" = 1'-0"

2 LEVEL 4  
1/16" = 1'-0"

3 LEVEL 5  
1/16" = 1'-0"

EGRESS CAPACITY				EGRESS CAPACITY		
STAIR	STAIR WIDTH	FFPC	FBC	DOOR WIDTH	FFPC	FBC
STAIR E-A	48	166	240	34	170	454
STAIR E-B	60	221	300	46	230	307
FLOOR TOTAL:			387			

EGRESS PLAN LEGEND	
NAME	AREA NUMBER
XXX	AREA USE
XXXX SF	AREA
XXX   X	OCCUPANT LOAD
	OCCUPANT FACTOR

DOOR TAG	
DOOR NUMBER	DOOR NUMBER
OCCUPANT MAX. CAPACITY	OCCUPANT MAX. CAPACITY
OCCUPANT LOAD FACTOR	OCCUPANT LOAD FACTOR
NO. OCCUPANTS LOAD (ACTUAL)	NO. OCCUPANTS LOAD (ACTUAL)
DOOR CLEAR WIDTH	DOOR CLEAR WIDTH

STAIR TAG	
STAIR NUMBER	STAIR NUMBER
OCCUPANT MAX. CAPACITY	OCCUPANT MAX. CAPACITY
OCCUPANT LOAD FACTOR	OCCUPANT LOAD FACTOR
NO. OCCUPANTS LOAD (ACTUAL)	NO. OCCUPANTS LOAD (ACTUAL)
STAIR CLEAR WIDTH	STAIR CLEAR WIDTH

- PATH OF TRAVEL
- NON-RATED WALL
- 1-HOUR RATED WALL
- 1 1/2-HOUR RATED WALL
- 2-HOUR RATED WALL
- 3-HOUR RATED WALL
- SMOKE BARRIER
- SPECIAL APPLICATION SPRINKLER AT GLASS, 2-HOUR

- NOTES:
- SEE PARTITION SCHEDULE FOR ADDITIONAL INFORMATION.
  - SEE DOOR SCHEDULE FOR ADDITIONAL INFORMATION.
  - FIRE RATING FOR PARTITIONS WILL CONTINUE ALONG DOOR OPENINGS THAT ARE IN BETWEEN THE FIRE RATED PARTITIONS
  - ALL SHAFTS CONTAINED WITHIN 2 HR- RATED WALL.

## ARQUITECTONICA

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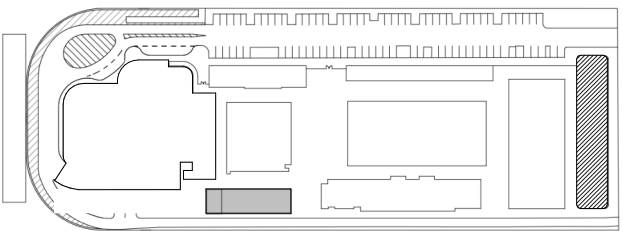
STRUCTURAL ENGINEER:  
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PROJECT  
**ISHOF - EAST BUILDING**  
501 Seabreeze Blvd., Fort Lauderdale, FL 33316

KEY PLAN:



DESCRIPTION DATE

NOT FOR CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:



DRAWING TITLE  
LIFE SAFETY - LEVELS 03-05

PROJECT NUMBER: 010326.000  
DATE: 06/17/2022  
SCALE: 1/16" = 1'-0"

SHEET  
**A2-006**





PROJECT  
ISHOF - EAST BUILDING  
501 Seabreeze Blvd., Fort Lauderdale, FL 33316

The floor plan shows a large central hall with a curved left wall and a straight right wall. There are several smaller rooms and corridors. A shaded rectangular area is located in the bottom right corner. A small circular area is located in the top left corner. A series of small rectangular shapes are along the top wall.

△	DESCRIPTION	DATE
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PROJECT NORTH

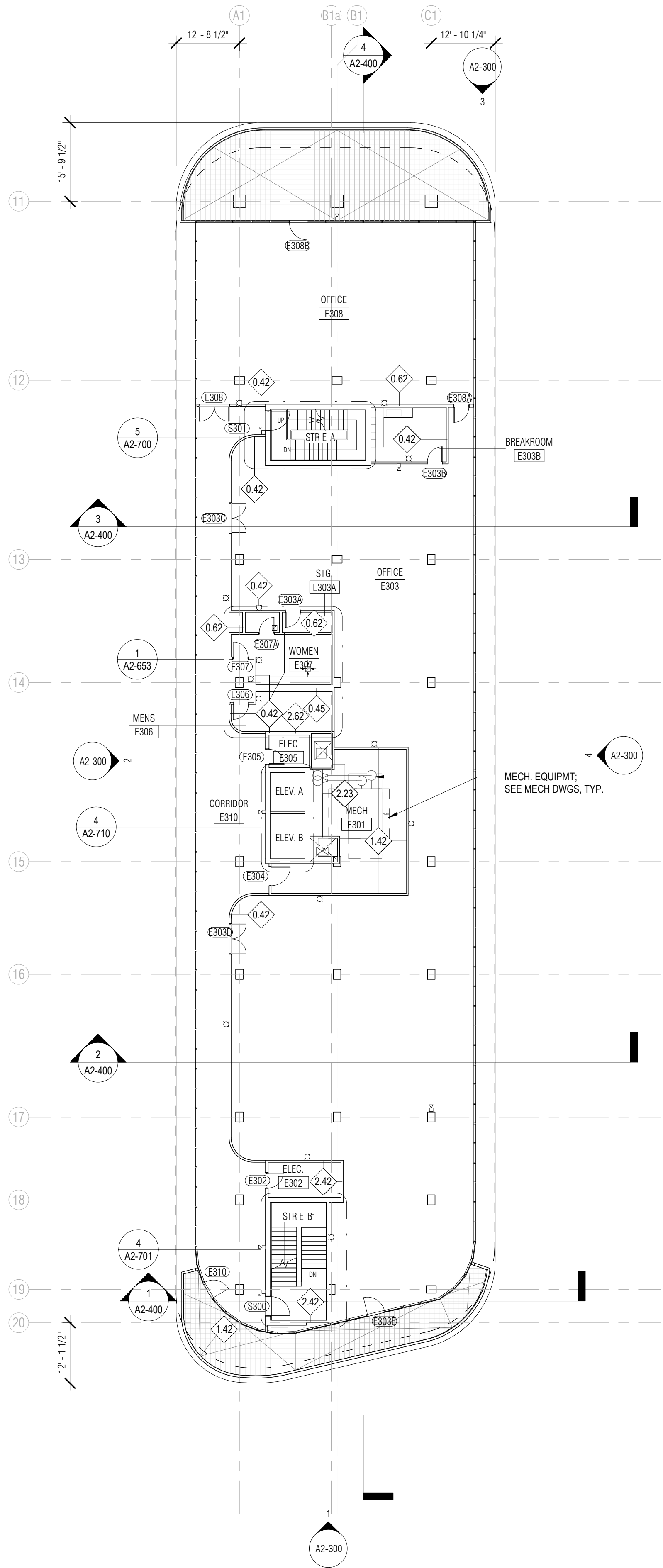
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FLOOR PLANS - LEVELS 01-02

PROJECT NUMBER: 010326.000  
DATE: 06/17/2022  
SCALE: 1/16" = 1'-0"

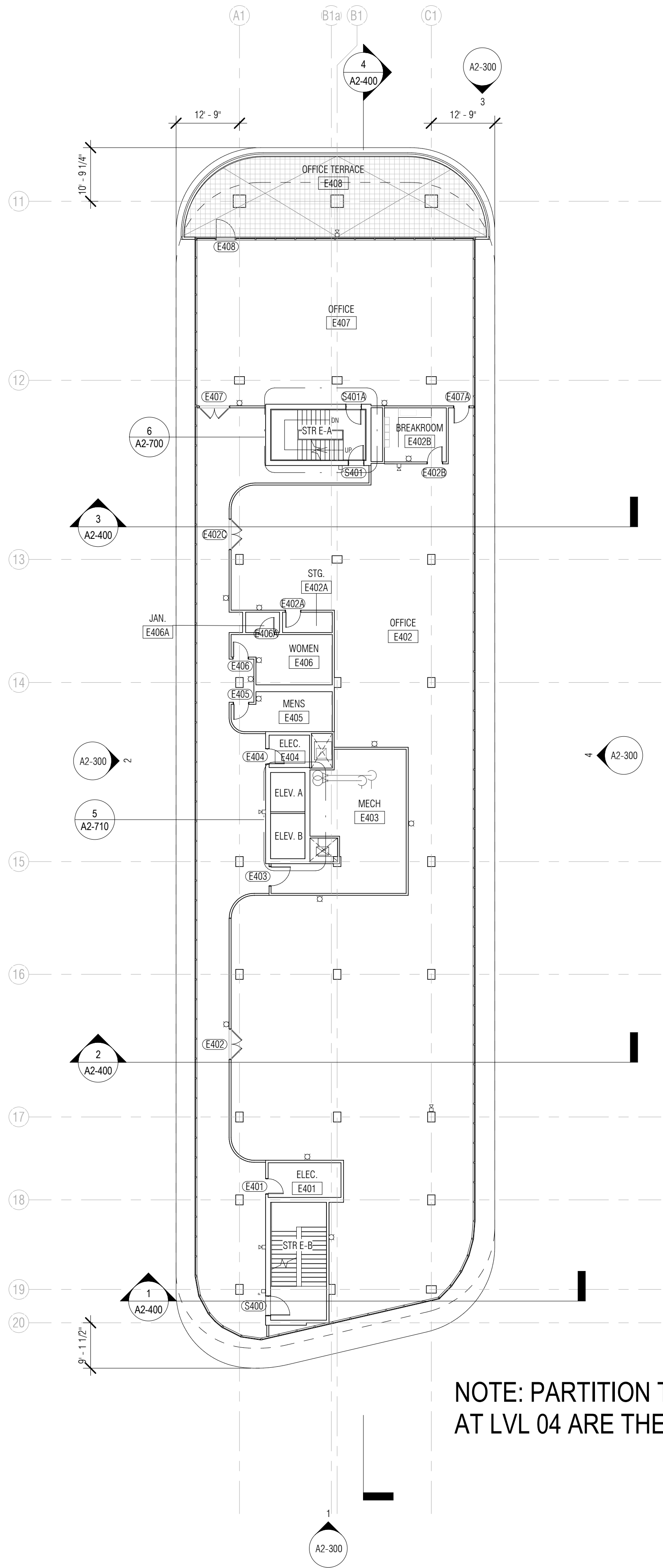
SHEET  
A2-100

CAM 23-0723  
Exhibit 1L  
Page 11 of 171





1 EAST BLDG LVL 03  
1/16" = 1'-0"



2 EAST BLDG LVL 04  
1/16" = 1'-0"

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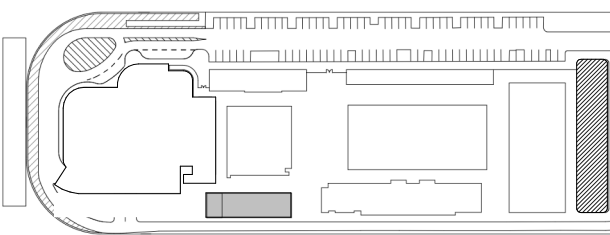
STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
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PROJECT  
**ISHOF - EAST BUILDING**  
501 Seabreeze Blvd., Fort Lauderdale, FL 33316

KEY PLAN:

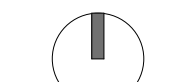


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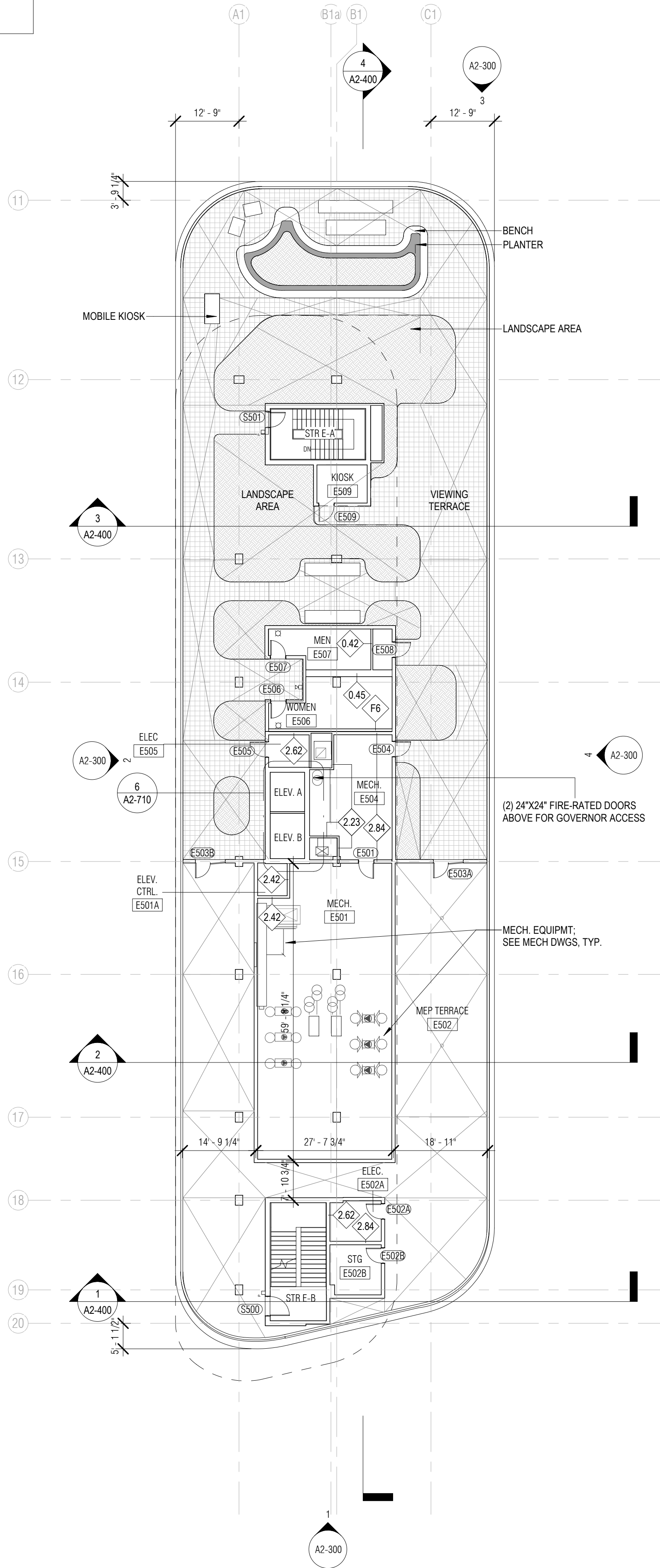


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FLOOR PLANS - LEVELS 03-04

PROJECT NUMBER: 010326.000  
DATE: 06/17/2022  
SCALE: 1/16" = 1'-0"

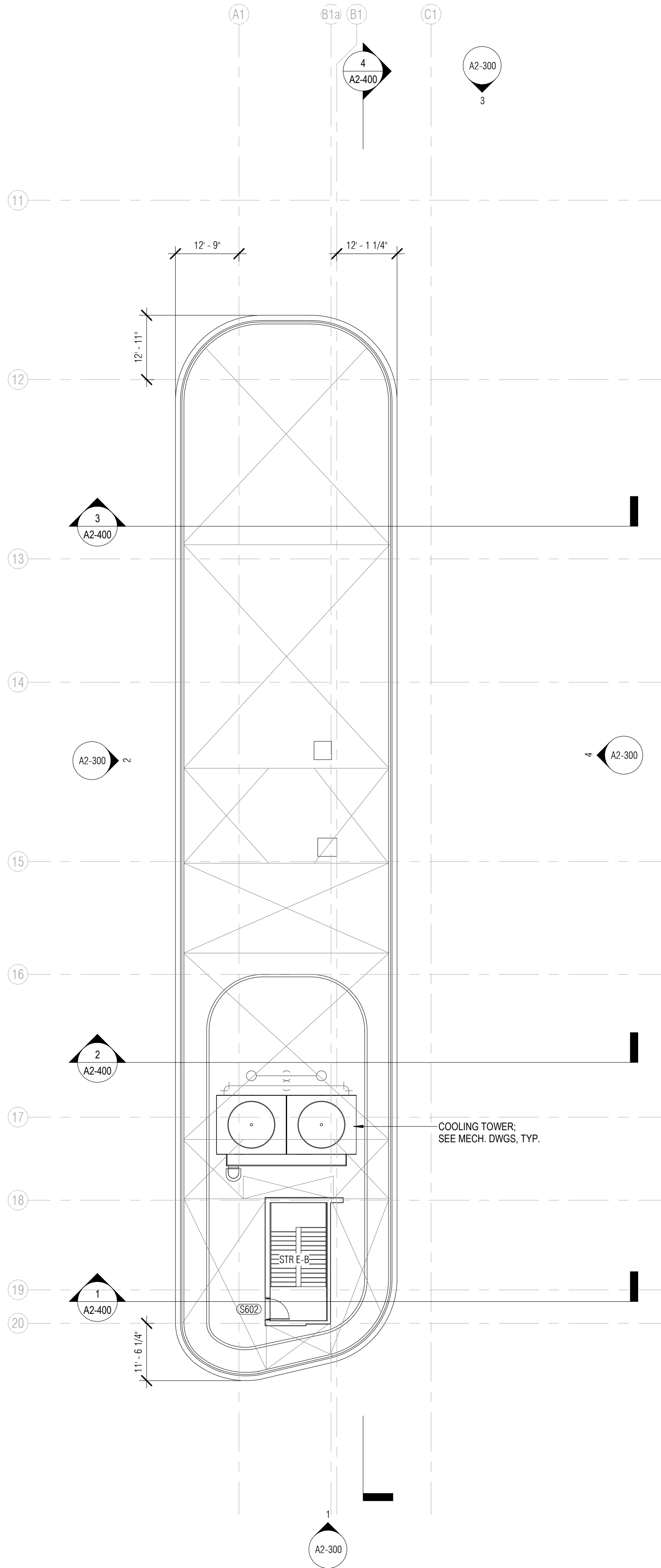
SHEET  
**A2-101**





1 EAST BLDG LVL 05

1/16" = 1'-0"



2 EAST BLDG ROOF

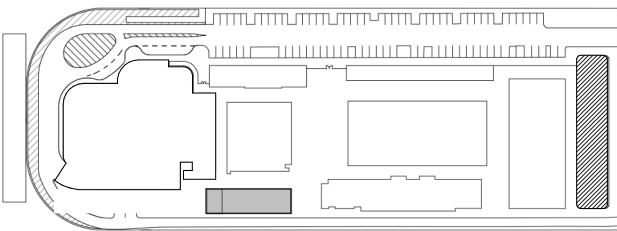
1/16" = 1'-0"

ARQUITECTONICA

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PROJECT  
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KEY PLAN:

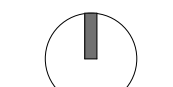


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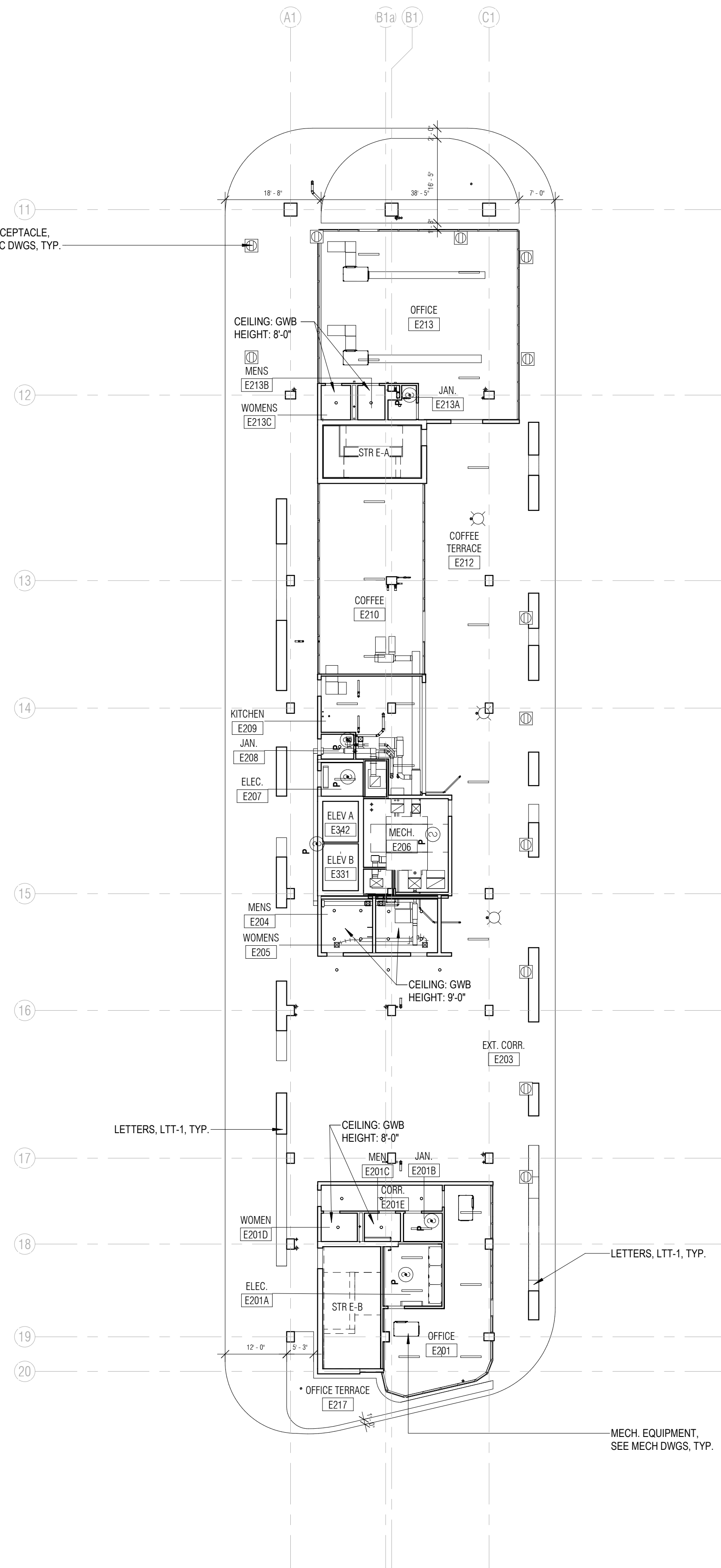
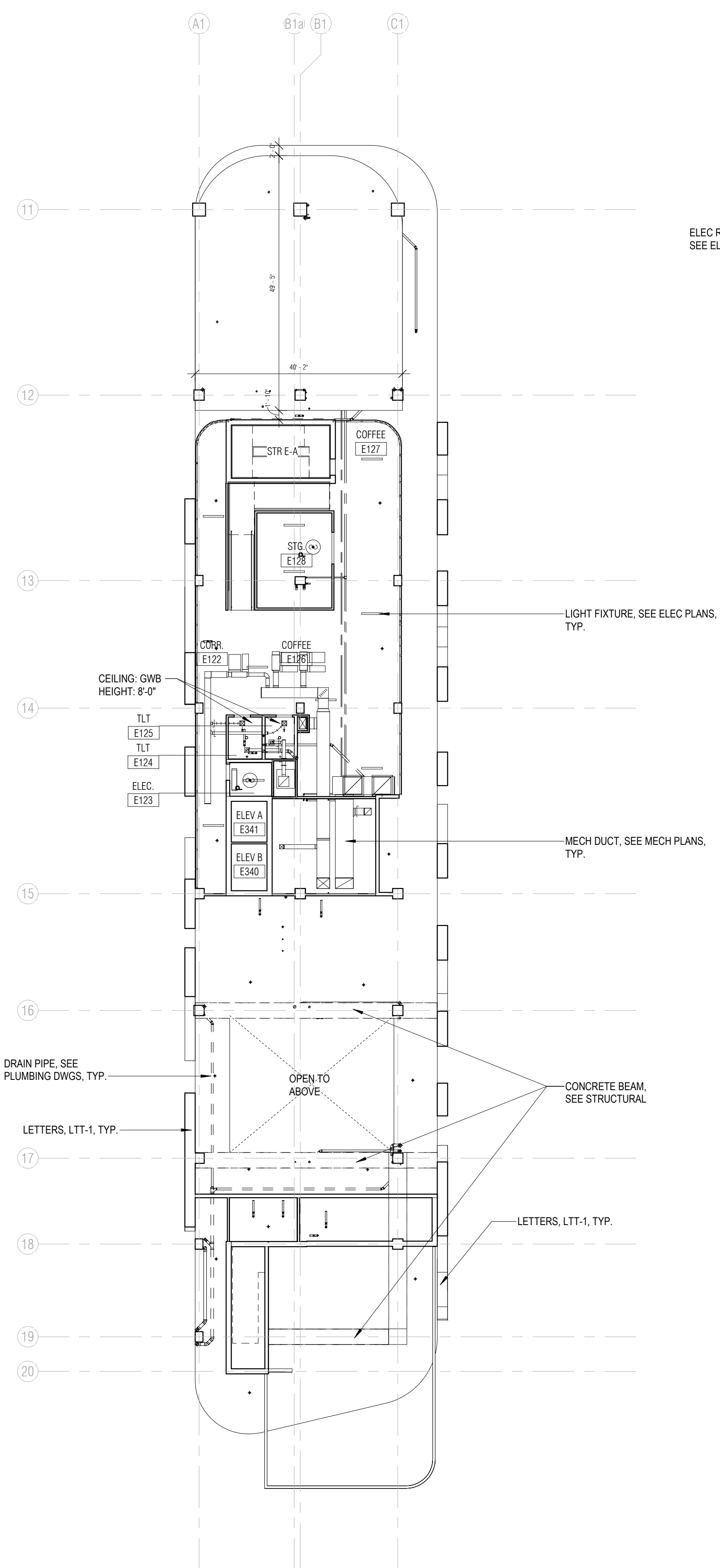
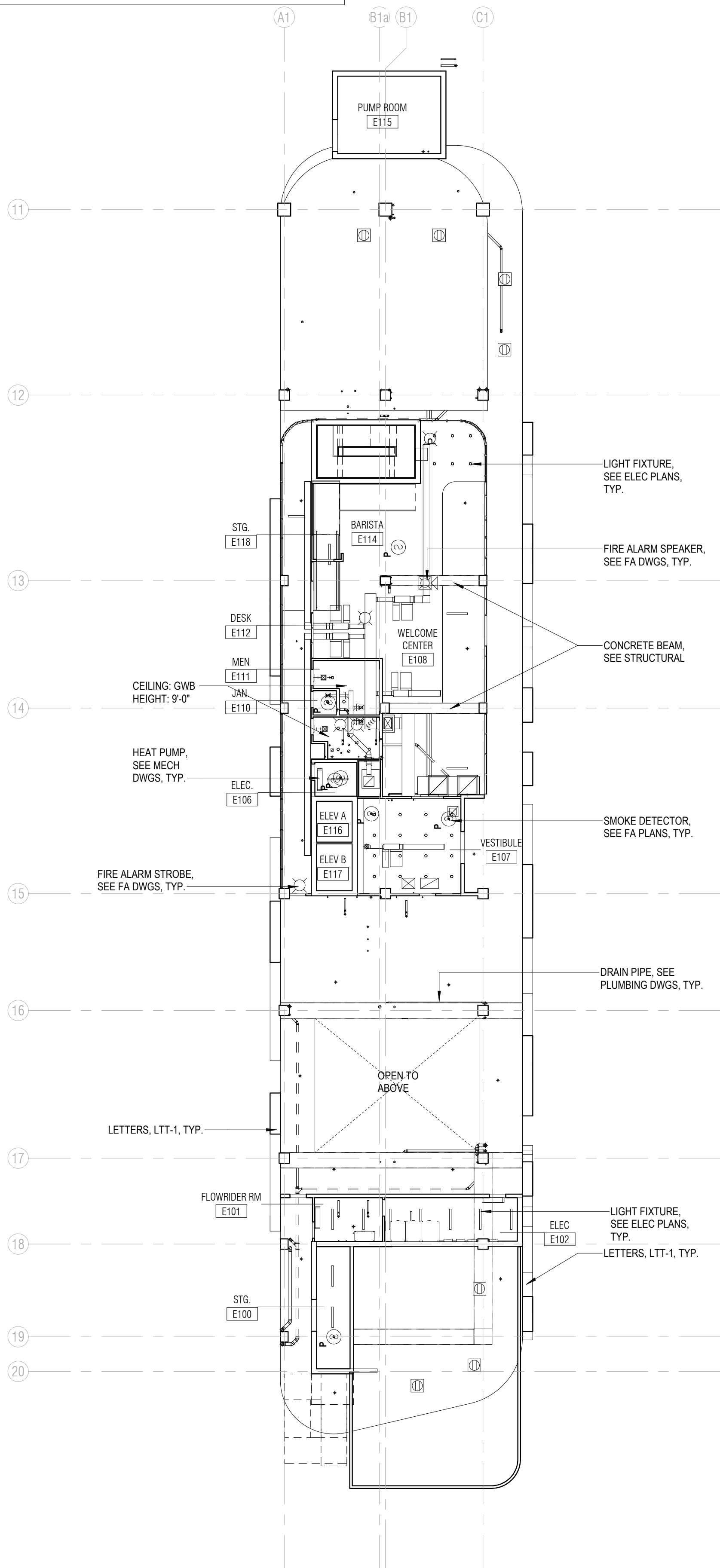


DRAWING TITLE  
FLOOR PLANS - LEVELS 05-06

PROJECT NUMBER: 010326.000  
DATE: 06/17/2022  
SCALE: 1/16" = 1'-0"

SHEET  
A2-102





# ARQUITECTONICA

ARCHITECT:  
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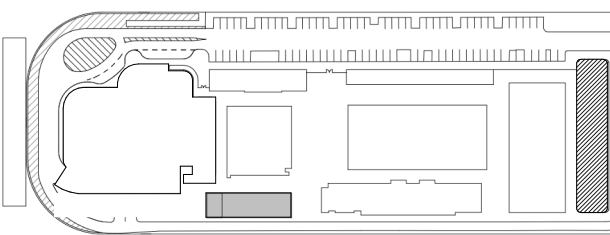
STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
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PROJECT  
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KEY PLAN:



△	DESCRIPTION	DATE
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CONSTRUCTION

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PROJECT NORTH:

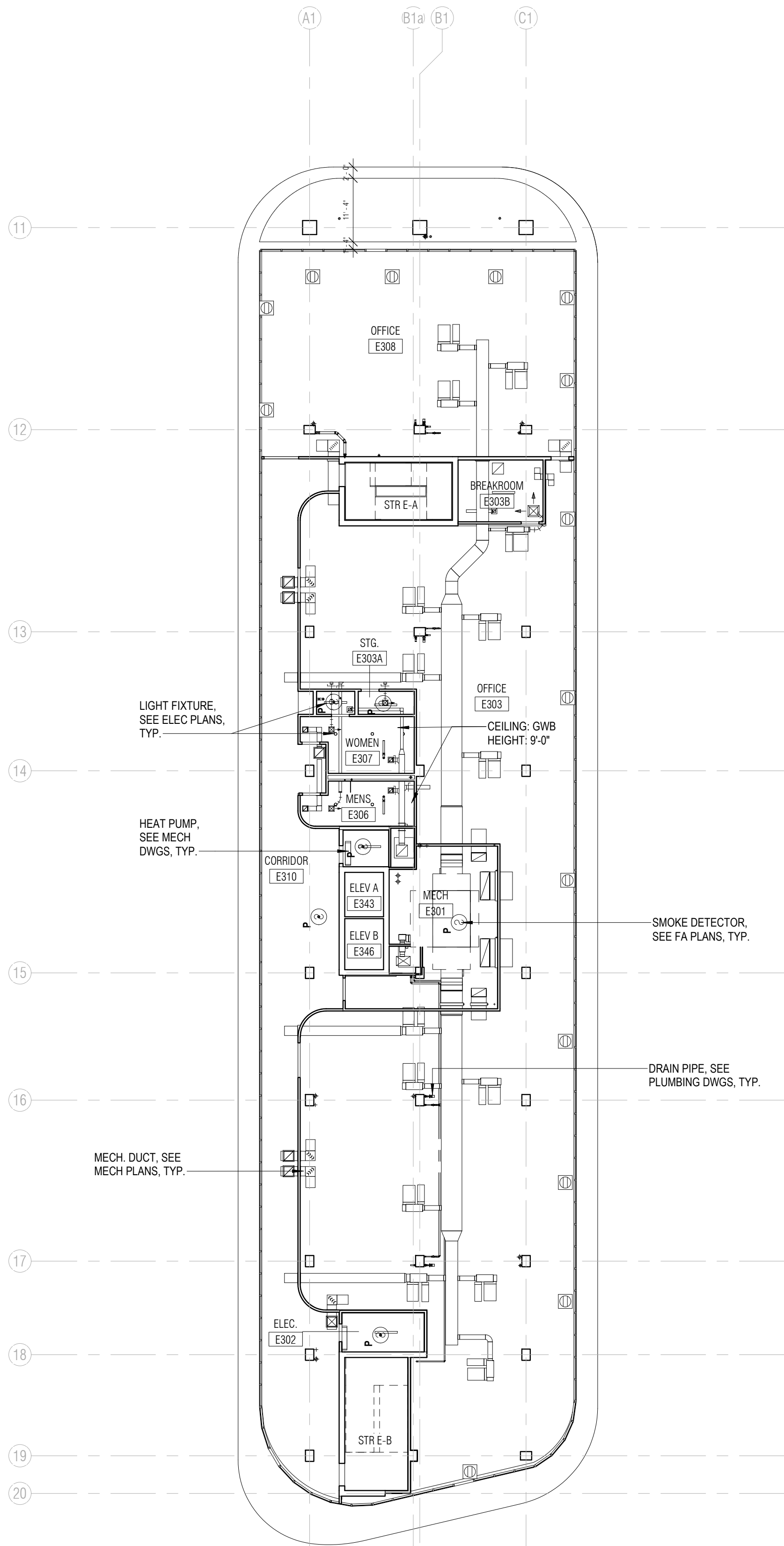


DRAWING TITLE  
RCP - LOWER LEVELS

PROJECT NUMBER: 010326.000  
DATE: 06/17/2022  
SCALE: 1/16" = 1'-0"

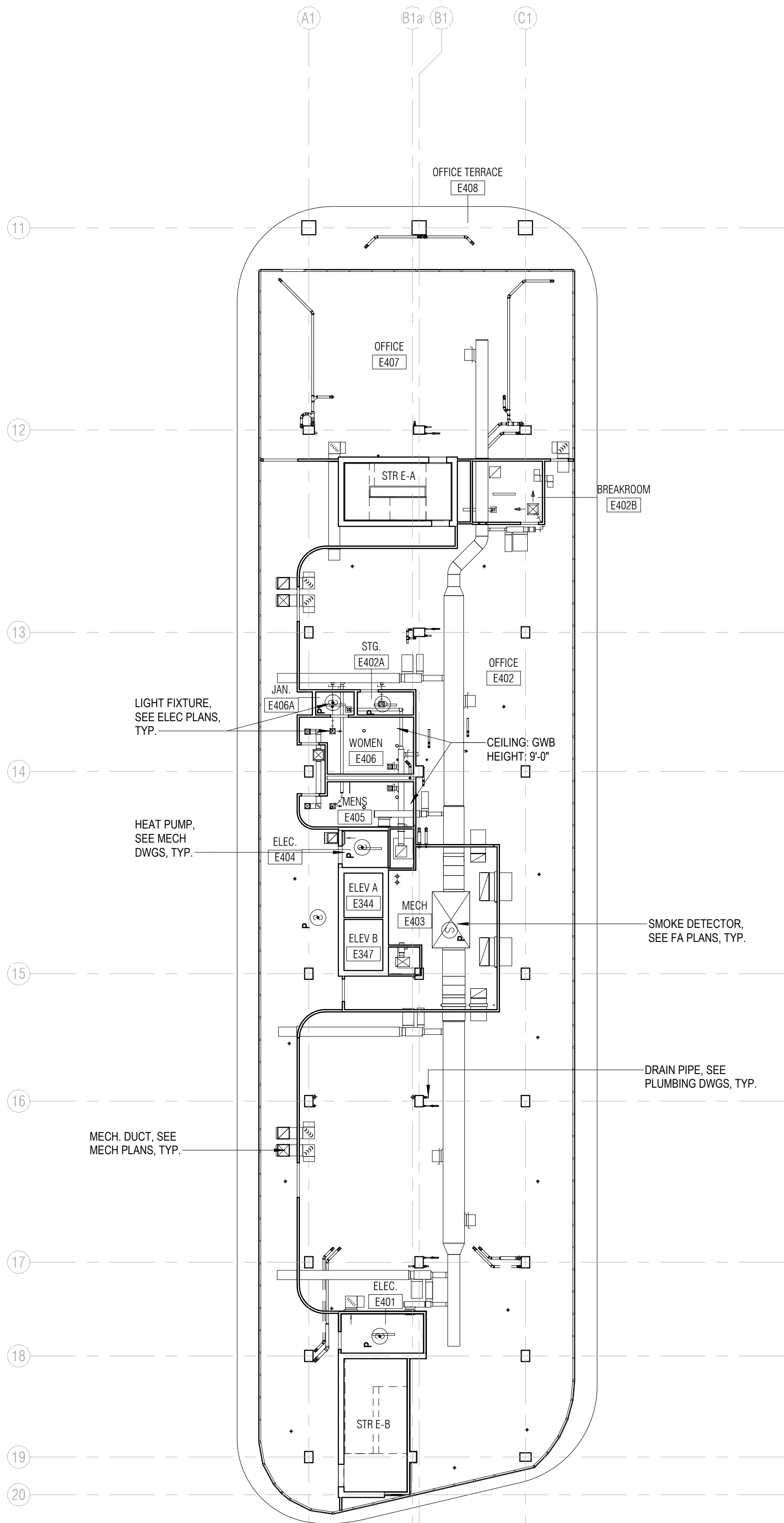
SHEET  
**A2-201**





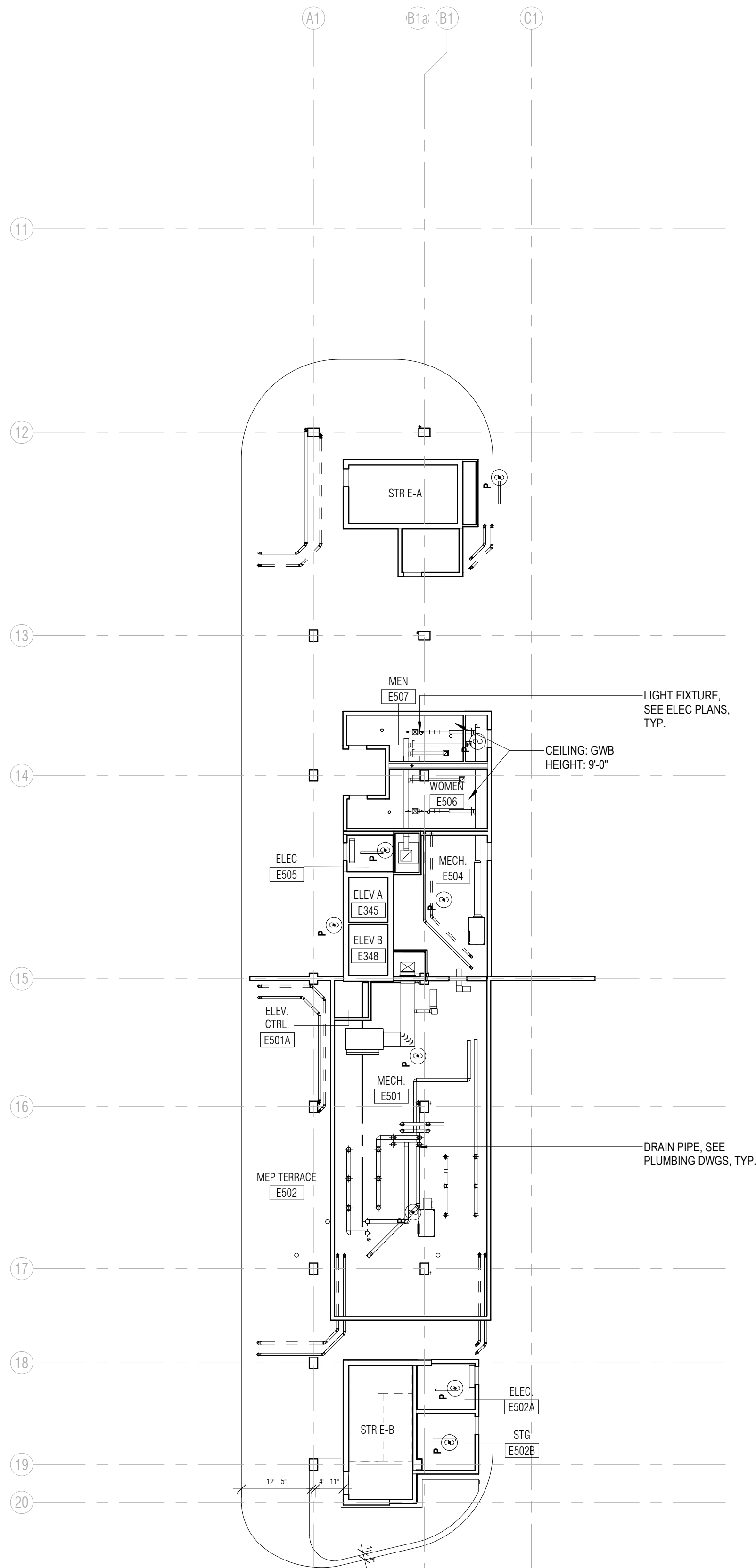
1 RCP - LEVEL 3

1/16" = 1'-0"



2 RCP - LEVEL 4

1/16" = 1'-0"



3 RCP - LEVEL 5

1/16" = 1'-0"

## ARQUITECTONICA

### ARCHITECT:

ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

### STRUCTURAL ENGINEER:

THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

### MEP/FP ENGINEERS:

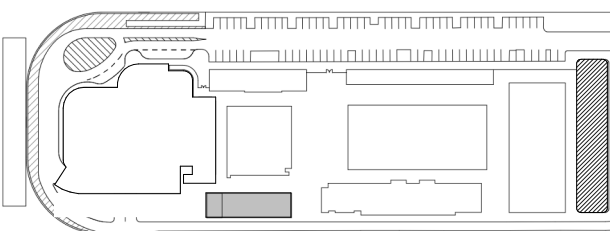
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

### CIVIL ENGINEER:

KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF - EAST BUILDING**  
501 Seabreeze Blvd., Fort Lauderdale, FL 33316

### KEY PLAN:

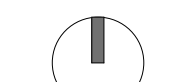


### DESCRIPTION DATE

NOT FOR  
CONSTRUCTION

### SEAL & SIGNATURE

### PROJECT NORTH:



### DRAWING TITLE

RCP - UPPER LEVELS

PROJECT NUMBER: 010326.000

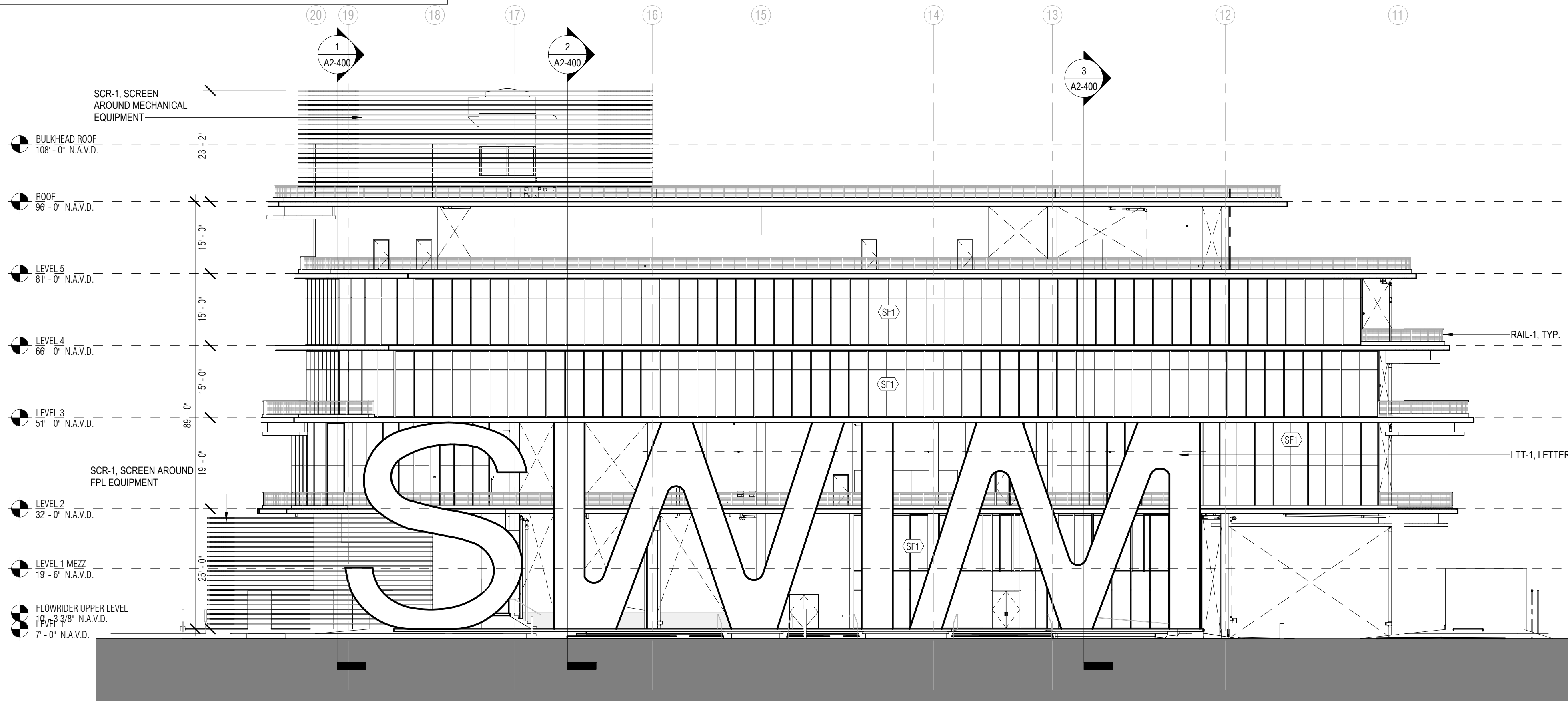
DATE: 06/17/2022

SCALE: 1/16" = 1'-0"

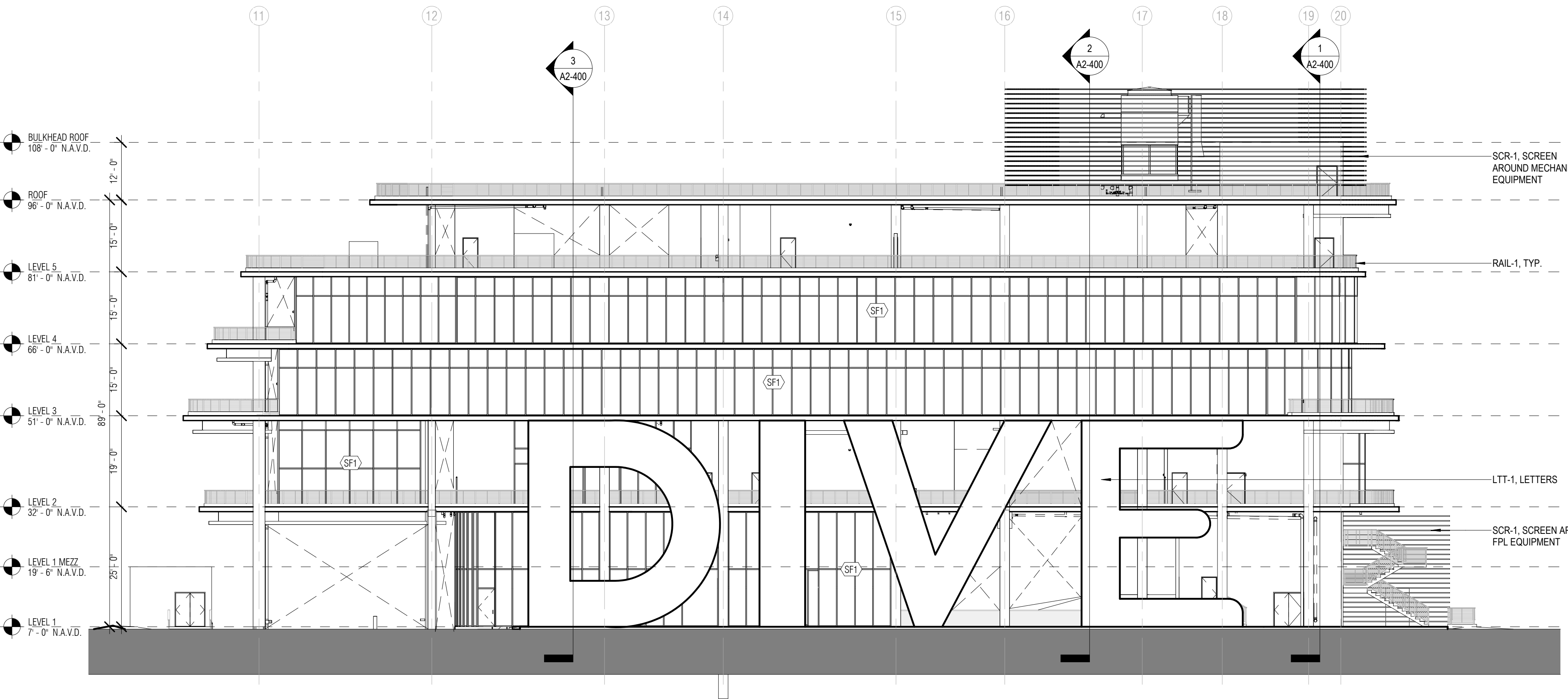
SHEET

**A2-202**

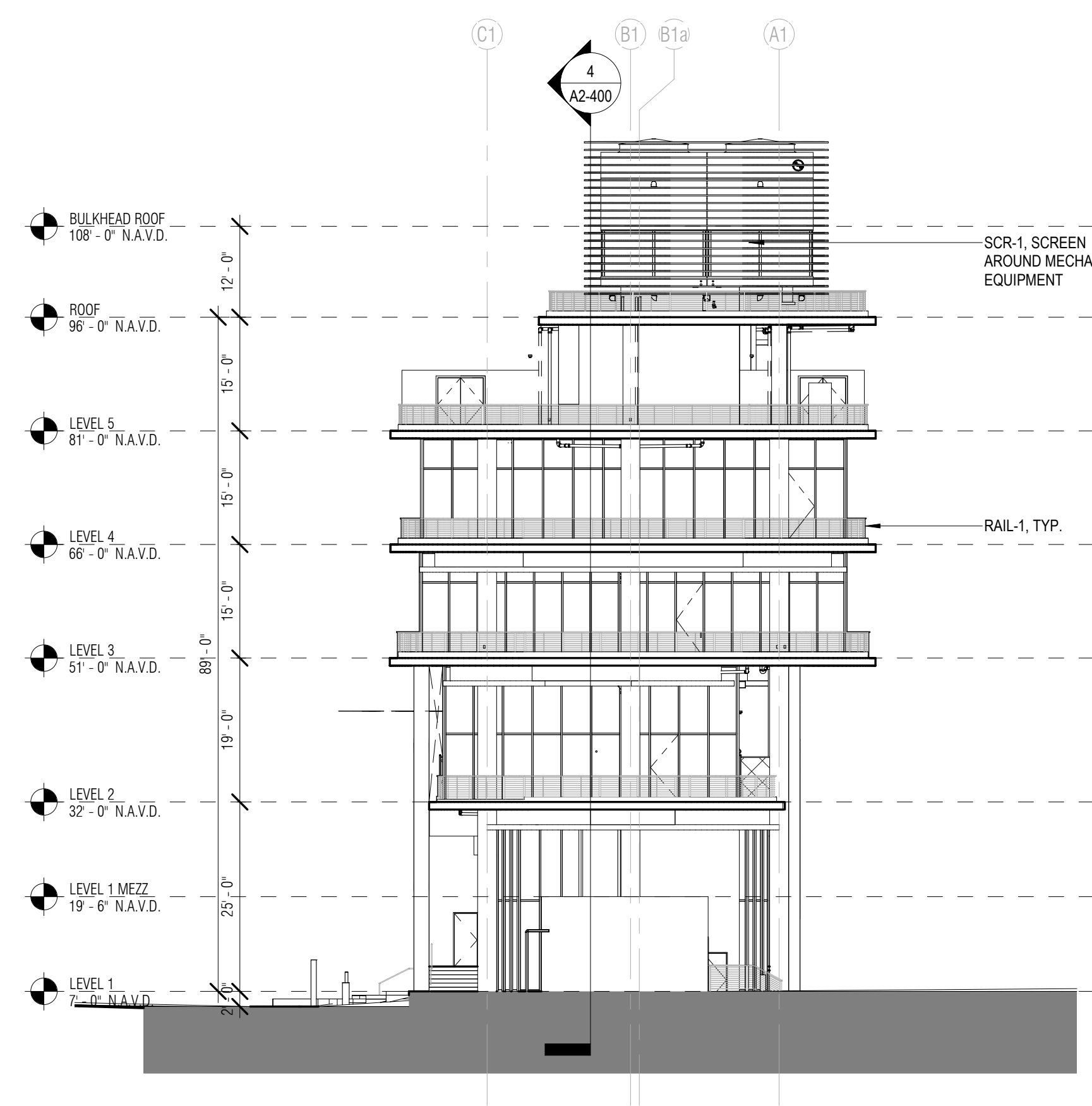




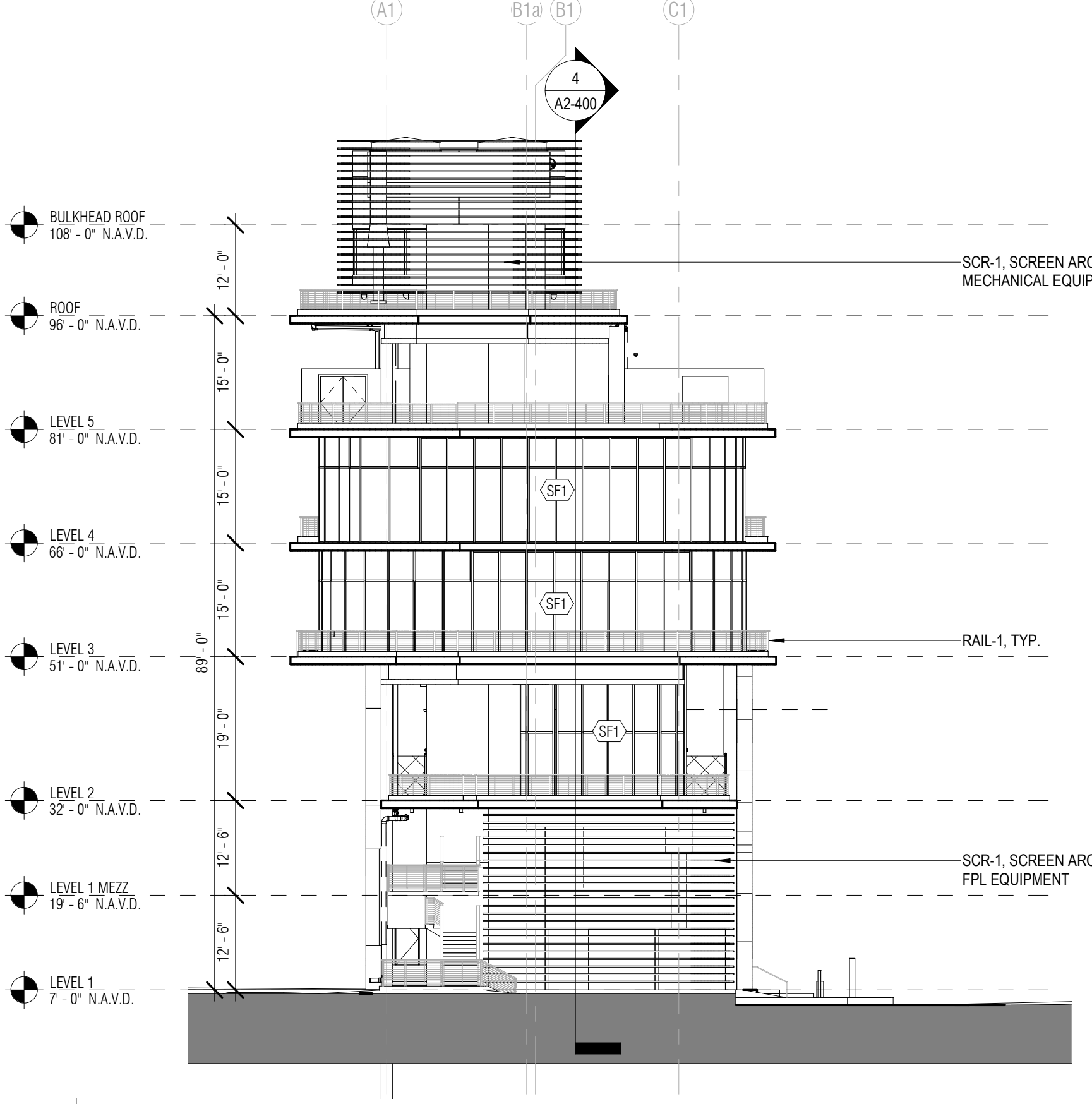
4 EAST BLDG - EAST ELEVATION  
1/16" = 1'-0"



2 EAST BLDG - WEST ELEVATION  
1/16" = 1'-0"



3 EAST BLDG - NORTH ELEVATION  
1/16" = 1'-0"



1 EAST BLDG - SOUTH ELEVATION  
1/16" = 1'-0"

# ARQUITECTONICA

ARCHITECT:  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

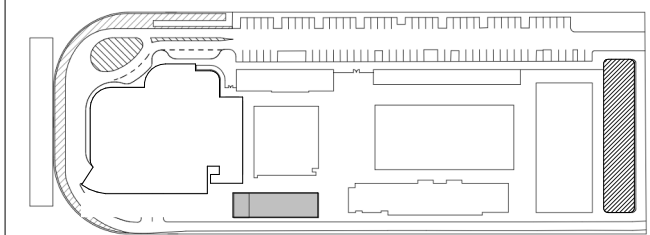
STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

MEP/FP ENGINEERS:  
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

CIVIL ENGINEER:  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF - EAST BUILDING**  
501 Seabreeze Blvd., Fort Lauderdale, FL 33316

KEY PLAN:



DESCRIPTION DATE

NOT FOR  
CONSTRUCTION

SEAL & SIGNATURE

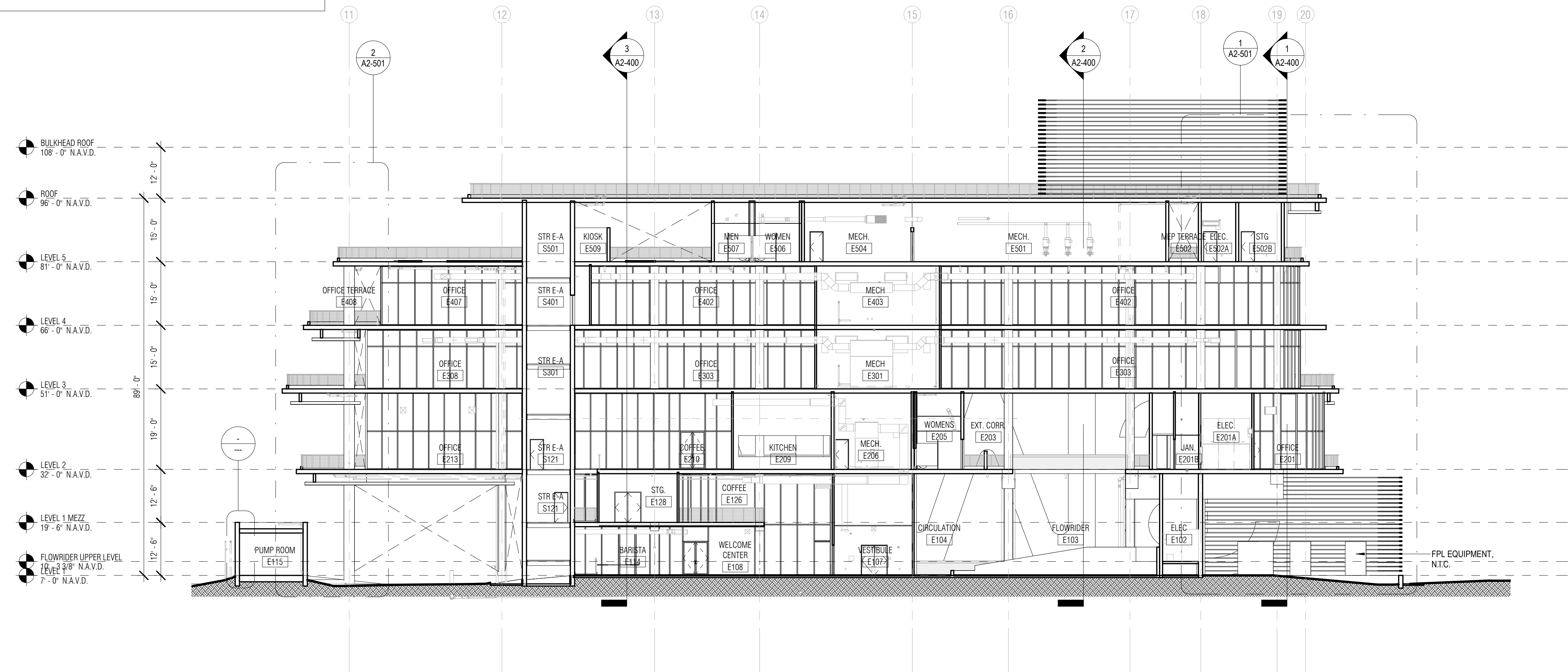
PROJECT NORTH:

DRAWING TITLE  
BUILDING ELEVATIONS

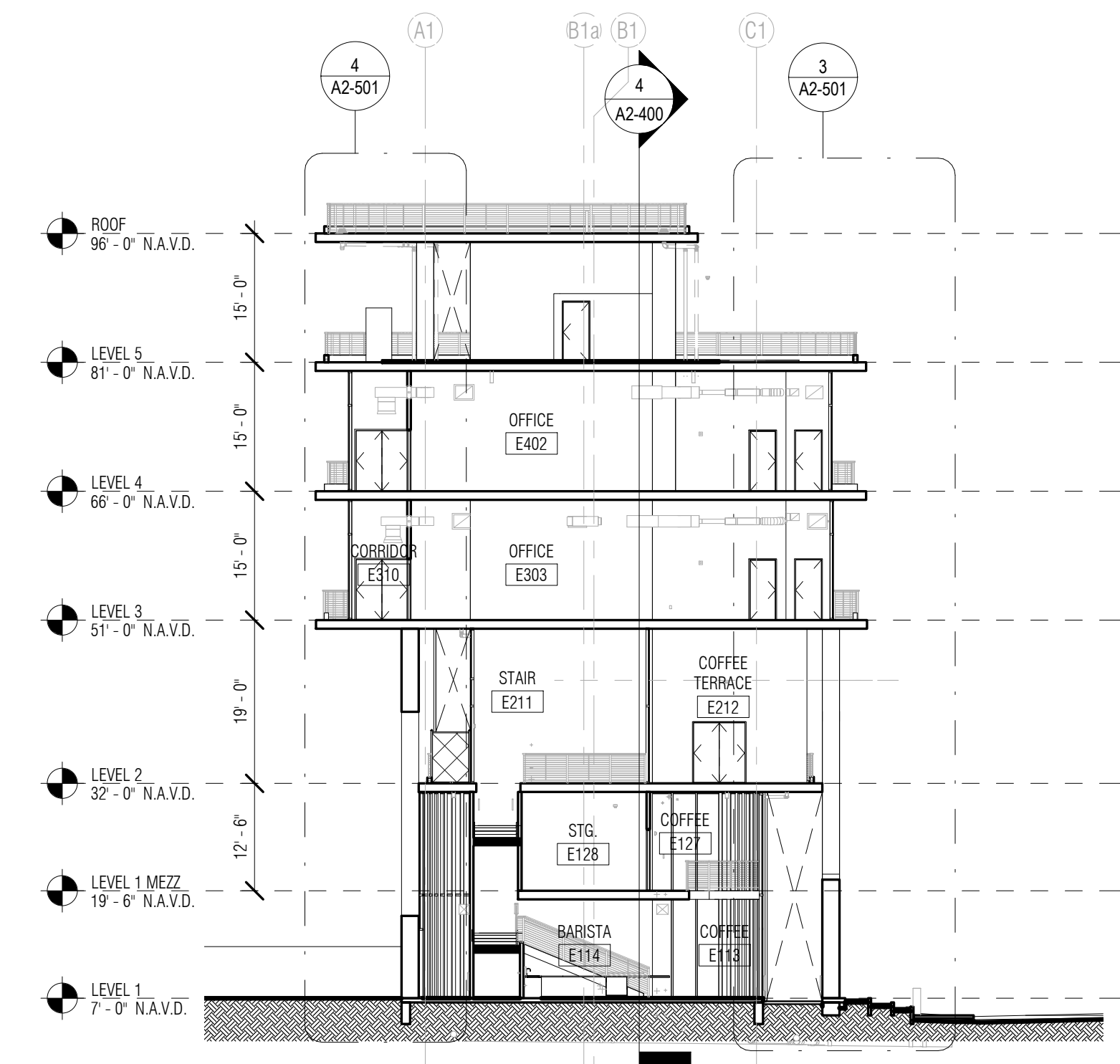
PROJECT NUMBER: 010326.000  
DATE: 06/17/2022  
SCALE: 1/16" = 1'-0"

SHEET  
**A2-300**

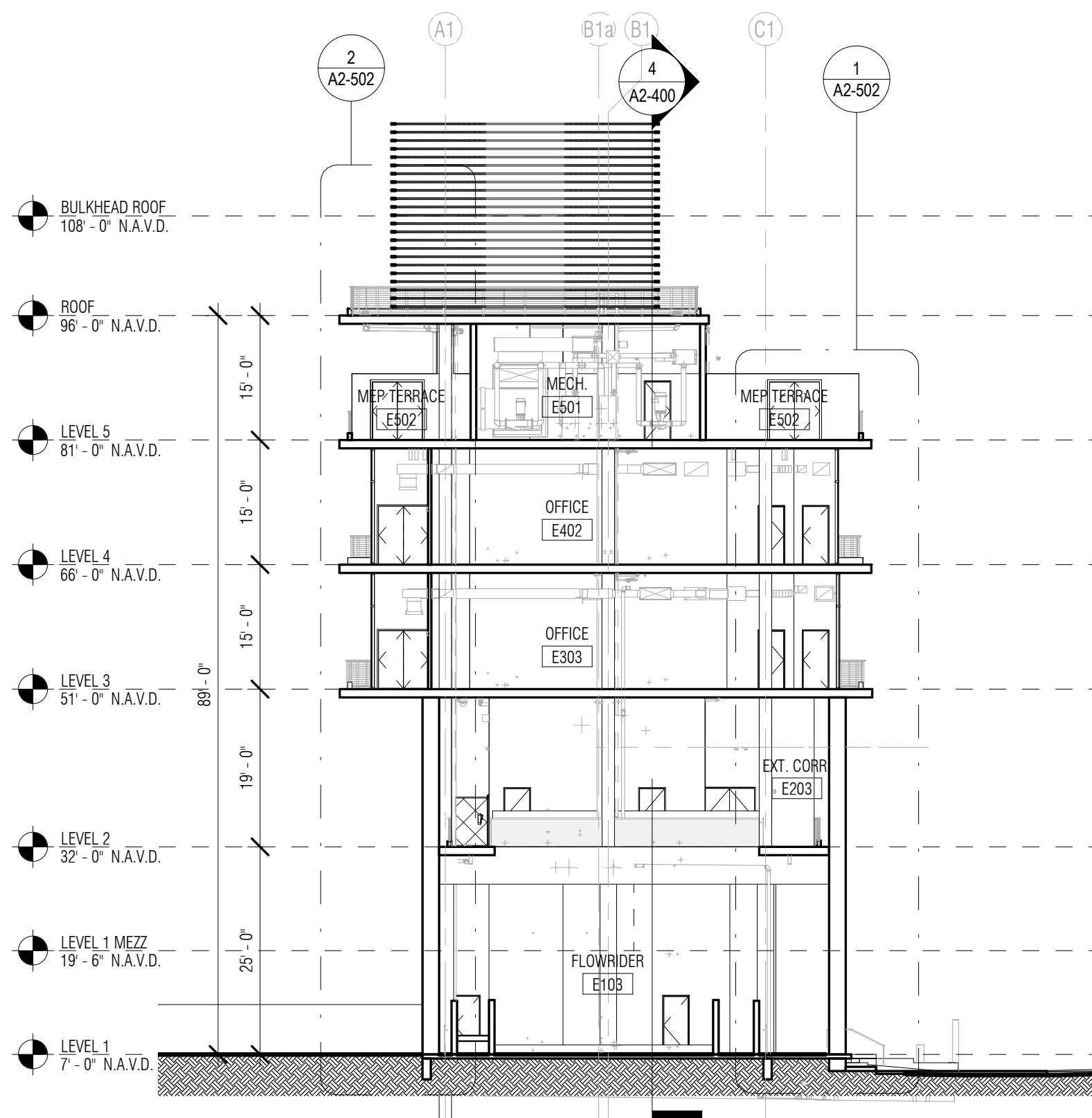




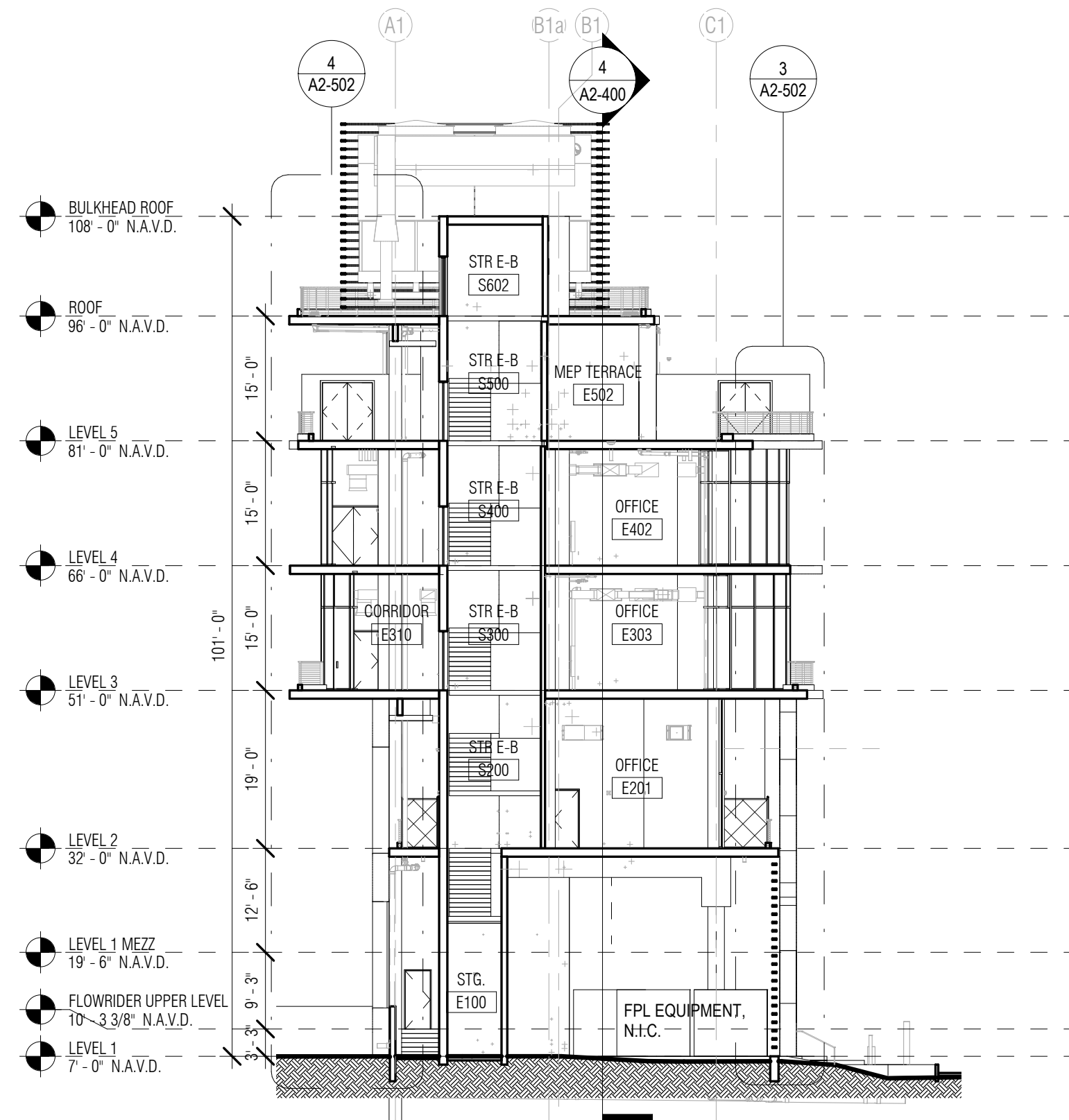
4 LONGITUDINAL BLDG SECTION  
1/16" = 1'-0"



3 CROSS SECTION @ OPEN CAFE STAIR  
1/16" = 1'-0"



2 CROSS SECTION @ FLOWRIDER  
1/16" = 1'-0"



1 CROSS SECTION @ SOUTH END  
1/16" = 1'-0"

ARQUITECTONICA

ARCHITECT:  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL:305.372.1812

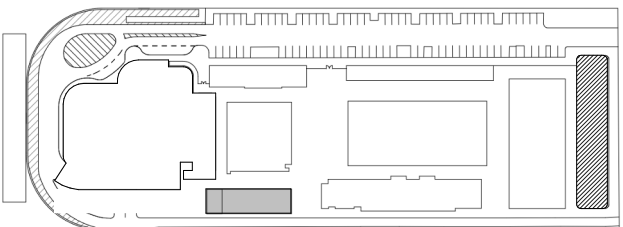
STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL:954.903.9300

MEP/FP ENGINEERS:  
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL:954.949.2200

CIVIL ENGINEER:  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL:954.788.3400

PROJECT  
**ISHOF - EAST BUILDING**  
501 Seabreeze Blvd., Fort Lauderdale, FL 33316

KEY PLAN:



DESCRIPTION	DATE
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NOT FOR  
CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:

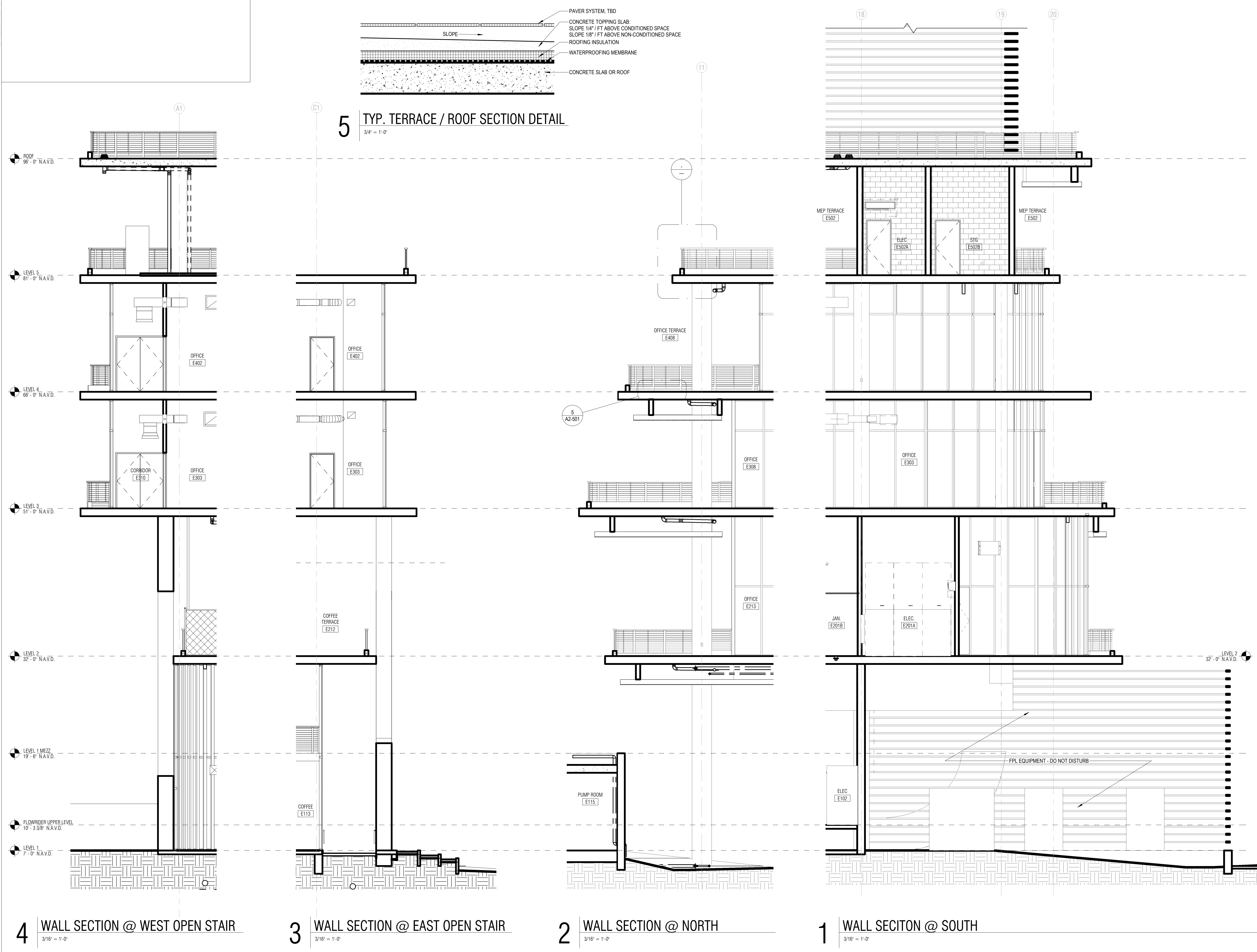
DRAWING TITLE  
BUILDING SECTIONS

PROJECT NUMBER: 010326.000  
DATE: 06/17/2022  
SCALE: 1/16" = 1'-0"

SHEET  
**A2-400**



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ARQUITECTONICA

ARCHITECT:

ARQUITECTONICA  
2901 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

STRUCTURAL ENGINEER:

THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

MEP/FP ENGINEERS:

KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

CIVIL ENGINEER:

KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT

ISHOF - EAST BUILDING  
501 Seabreeze Blvd., Fort Lauderdale, FL 33316

KEY PLAN:

△	DESCRIPTION	DATE
<div>NOT FOR CONSTRUCTION</div>		

SEAL & SIGNATURE

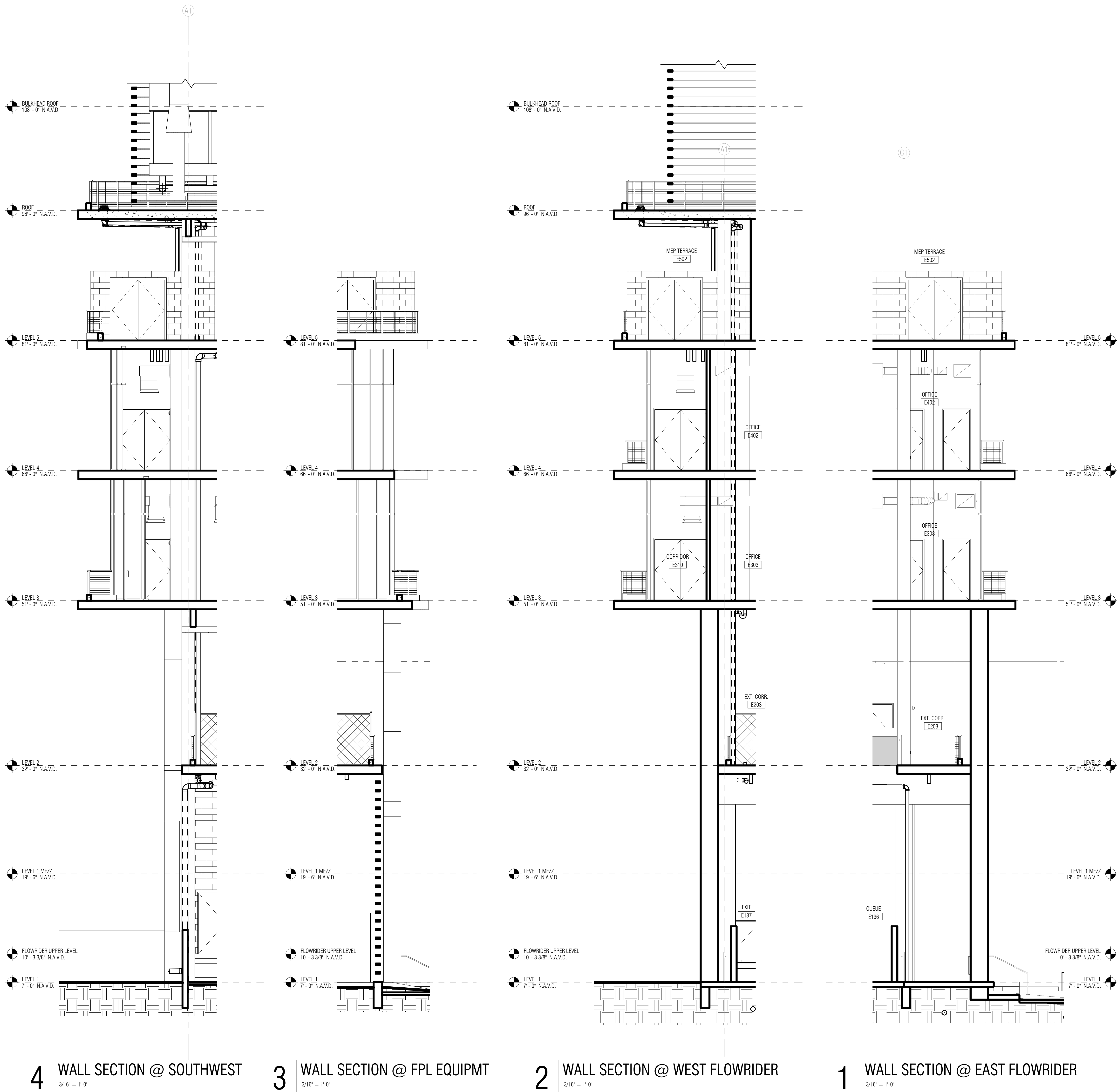
PROJECT NORTH:

DRAWING TITLE  
WALL SECTIONS

PROJECT NUMBER: 010326.000  
DATE: 06/17/2022  
SCALE: As Indicated

SHEET  
A2-501  
CAM 23-0723  
Exhibit 1L  
Page 18 of 171





# ARQUITECTONICA

**ARCHITECT:**  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

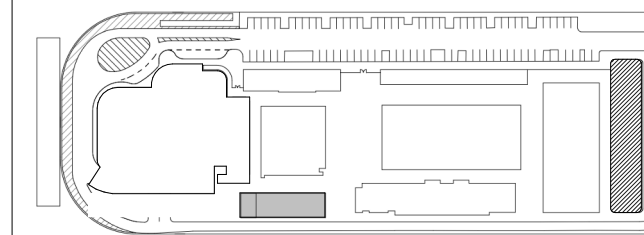
**STRUCTURAL ENGINEER:**  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

**MEP/FP ENGINEERS:**  
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

**CIVIL ENGINEER:**  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF - EAST BUILDING**  
501 Seabreeze Blvd., Fort Lauderdale, FL 33316

KEY PLAN:



△	DESCRIPTION	DATE
---	-------------	------

NOT FOR  
CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:



DRAWING TITLE

WALL SECTIONS

PROJECT NUMBER: 010326.000

DATE: 06/17/2022

SCALE: 3/16" = 1'-0"

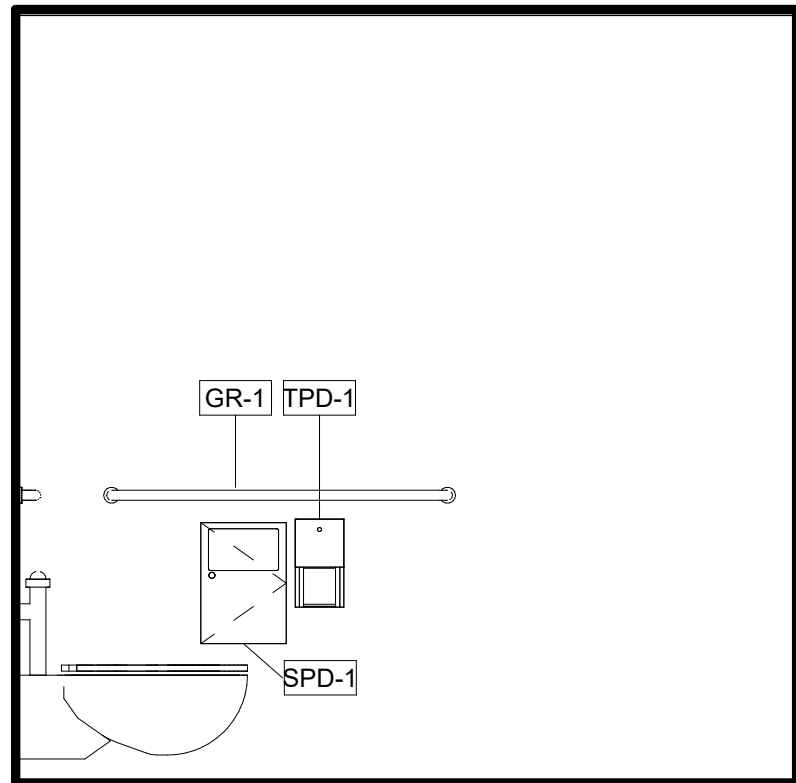
SHEET

**A2-502**

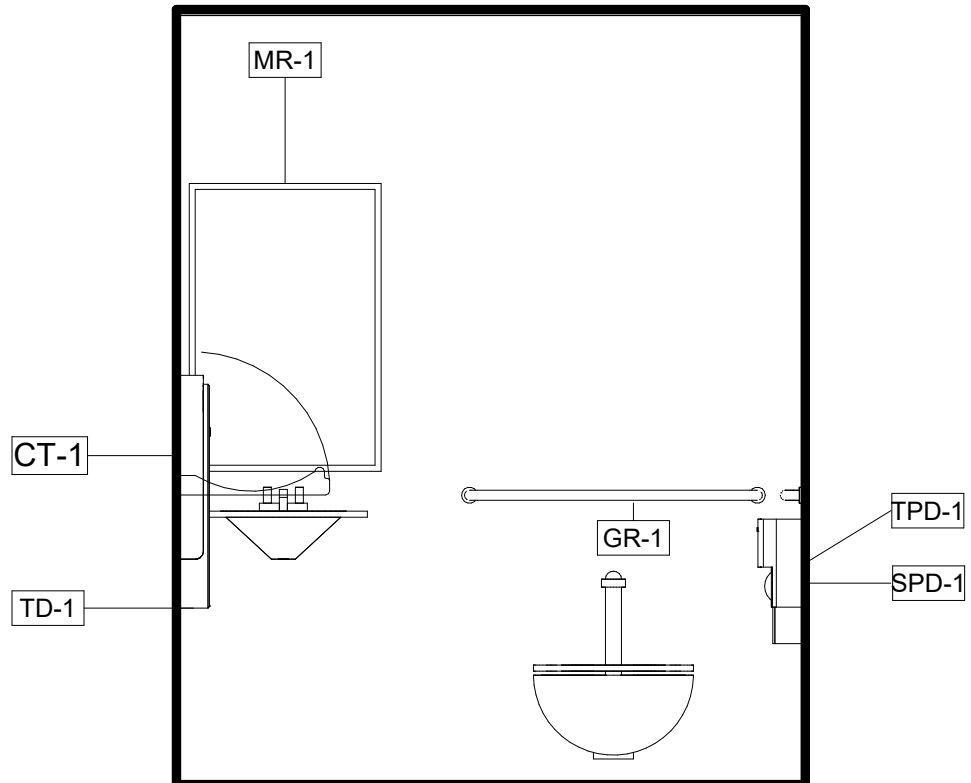
CAM 23-0723  
Exhibit 1L  
Page 19 of 171



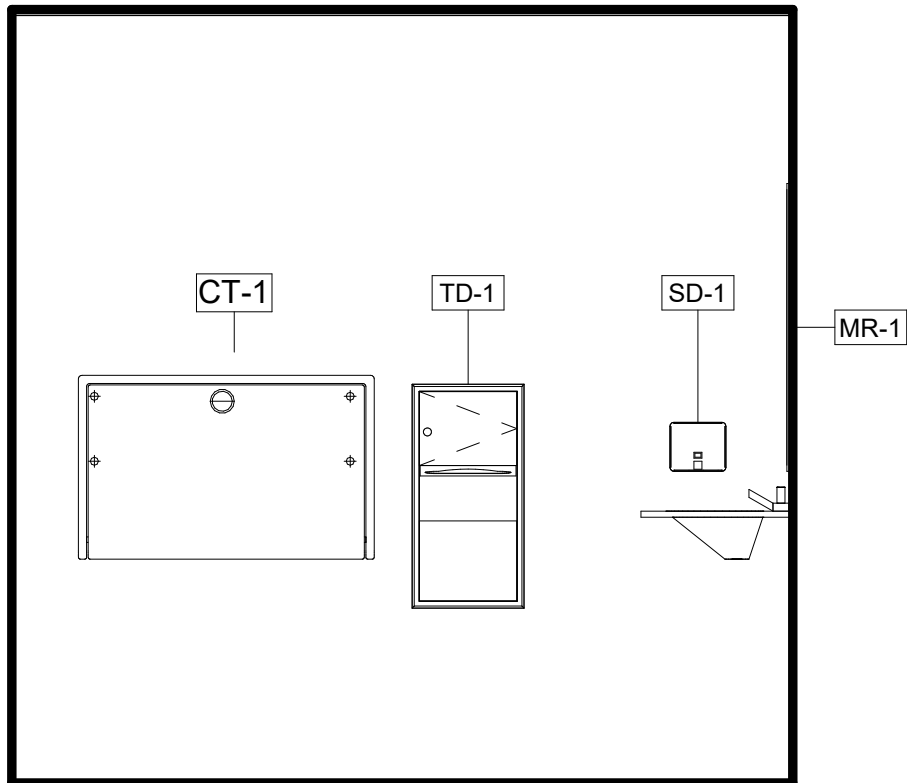
TOILET ACCESSORIES SCHEDULE		
CODE	ACCESSORY	MANUFACTURER
GB-1	42" GRAB BAR	BOBRICK: B-6806X42
GB-2	36" GRAB BAR	BOBRICK: B-6806X36
GB-3	24" GRAB BAR	BOBRICK: B-6806X24
TPD-1	COMBO SEAT COVER & TOILET TISSUE DISPENSER - IN PARTITION	BOBRICK: B-357
TPD-2	SURFACE-MOUNTED MULTI-ROLL TOILET PAPER DISPENSER	BOBRICK: B-3588
LAV-1	TRIPLE BASIN SINK STATION	
LAV-2	SINGLE WALL-MOUNTED SINK	KHOLER PURIS
LAV-3	MOP SINK	
DCS	DIAPER CHANGING STATION	KOALA KARE: KB110-SSWM
TD-1	PAPER TOWEL DISPENSER	BOBRICK: B-262
MI-1	MIRROR 18" X 36"	BOBRICK: B-290
MI-2	MIRROR 36"H X 30"W	ASI 0600 TYPE 304 SS ANGLE FRAME MIRROR
ND-1	SURFACE-MOUNTED SANITARY NAPKIN DISPOSAL	BOBRICK: B-270
SD-1	SOAP DISPENSER	
TP-1	TOILET PARTITION	SCRANTON HINY HINDERS
SH-1	SHOWER	
DF-1	DRINKING FOUNTAIN	
TLT-1	WALL MOUNTED TOILET	
U-1	WALL MOUNTED URINAL	



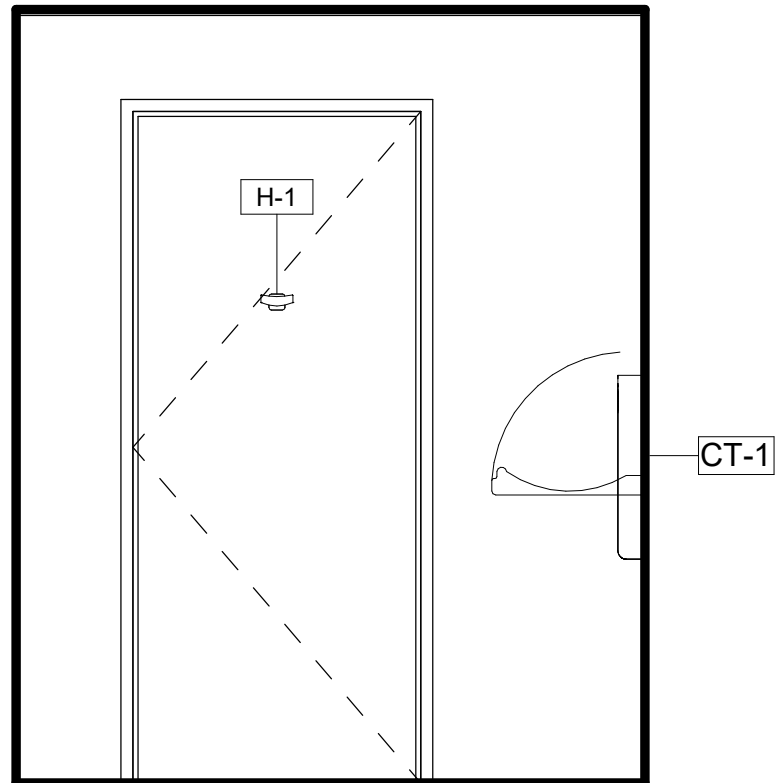
15 | TLT E124/125 - WEST  
1/2" = 1'-0"



14 | TLT E124/125 - SOUTH  
1/2" = 1'-0"

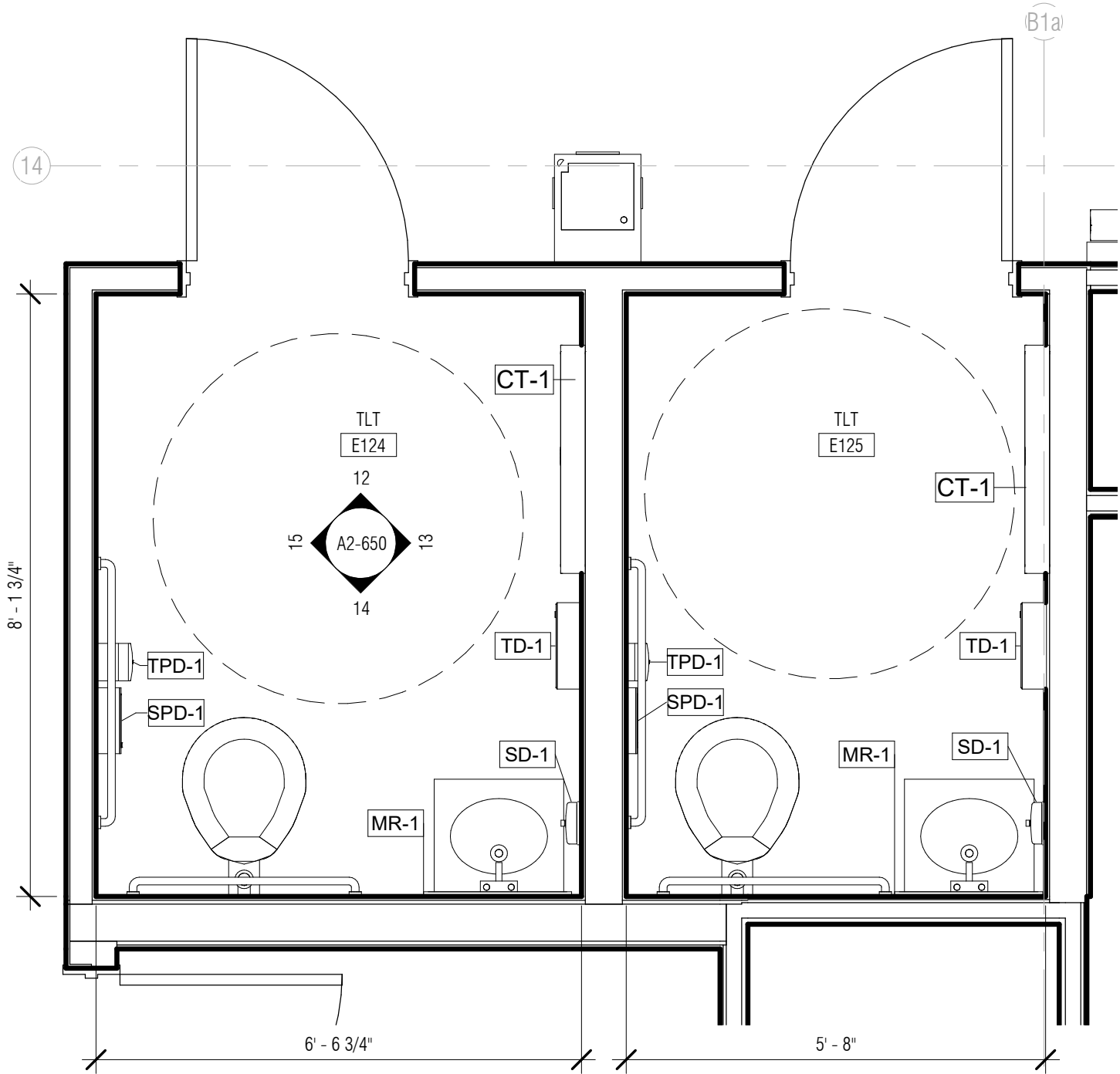


13 | TLT E124/125 - EAST  
1/2" = 1'-0"

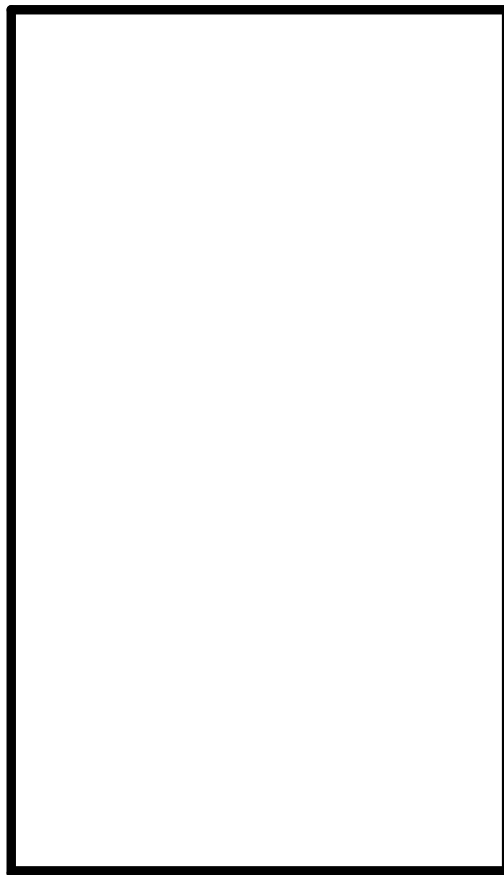


12 | TLT E124/125 - NORTH  
1/2" = 1'-0"

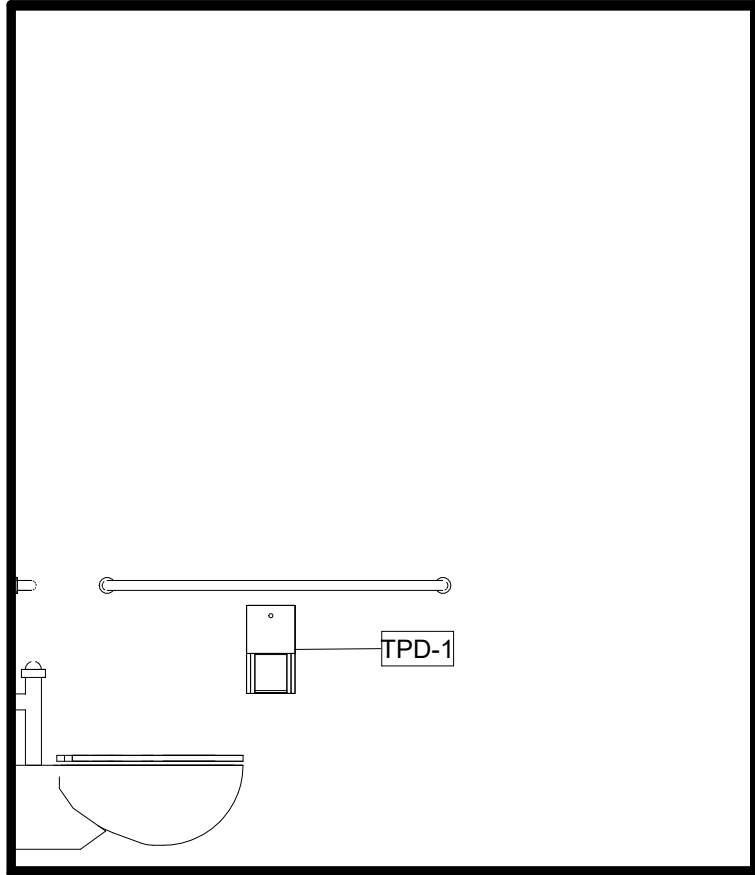
NOTE: REFER TO G-004 AND G-005 FOR  
TYPICAL DIMENSIONS  
SEE PLUMBING PLANS FOR MORE  
INFORMATION



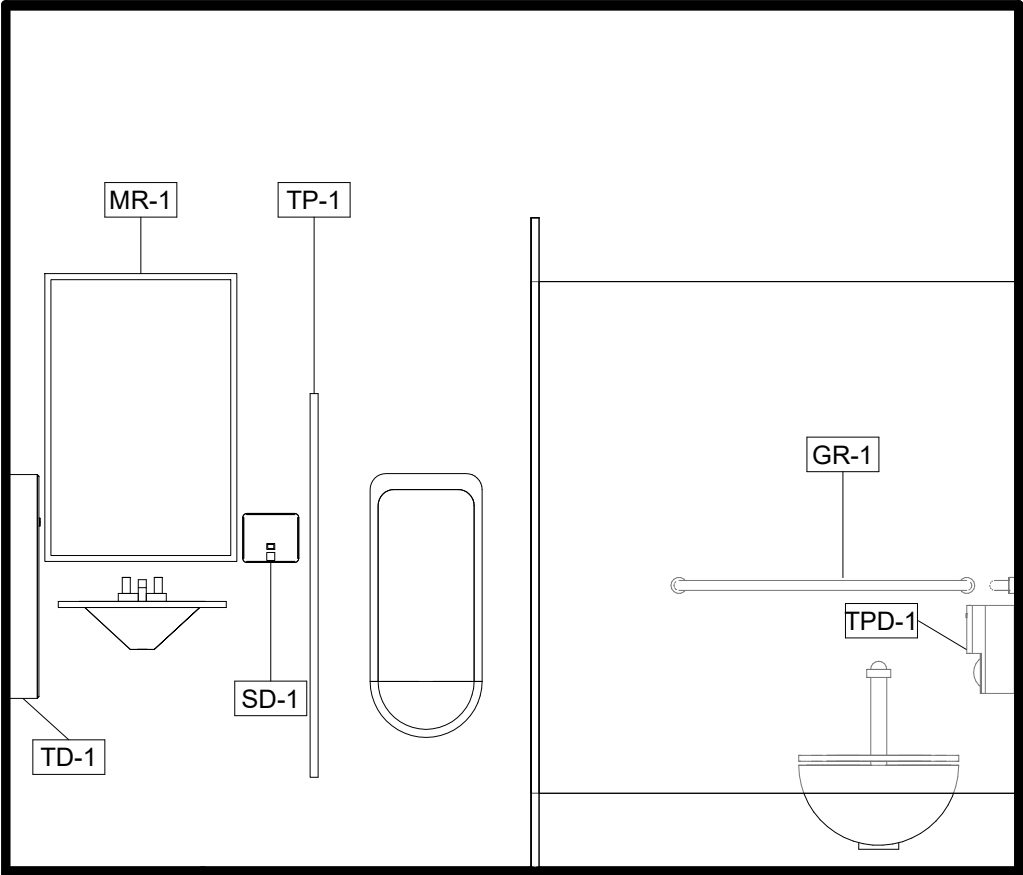
11 | ENLARGED PLAN - TLT E124/E125  
1/2" = 1'-0"



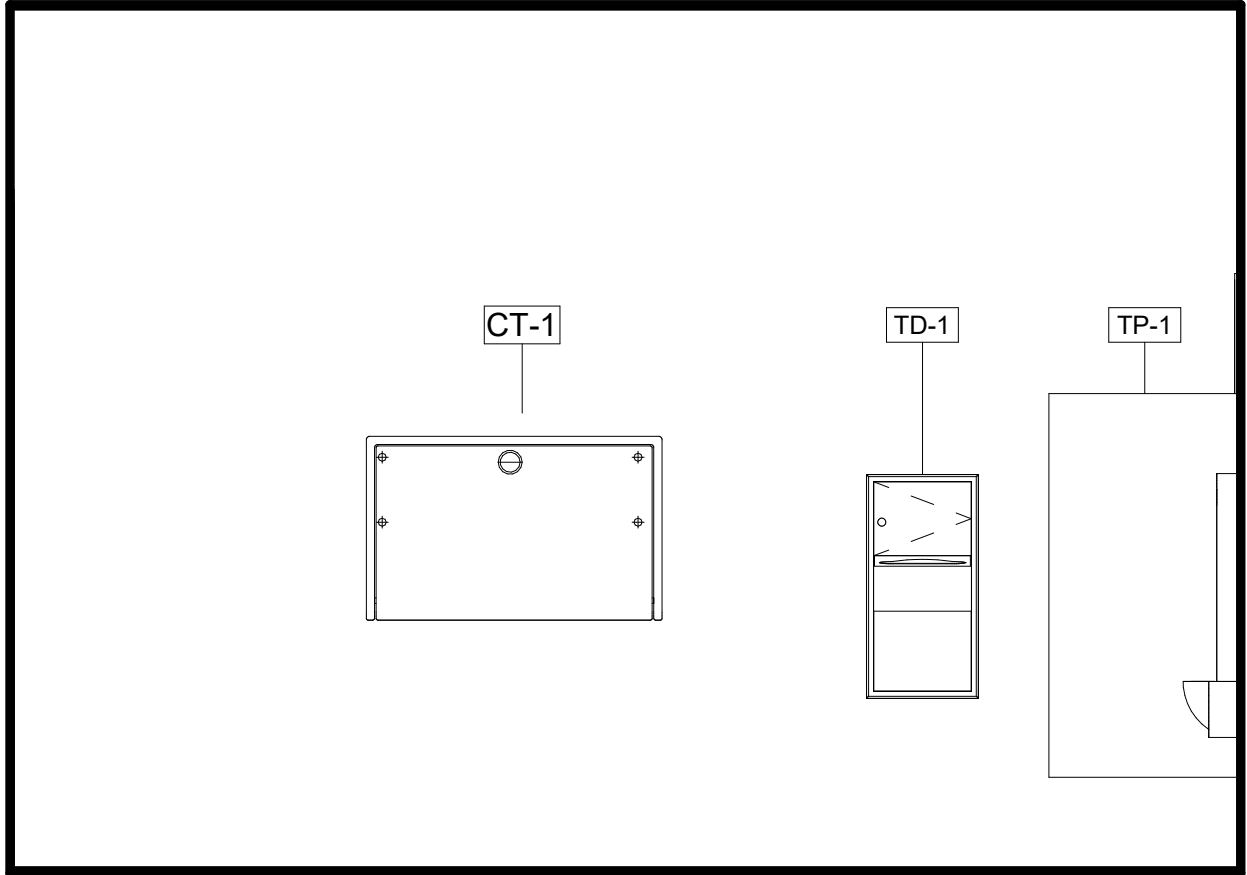
9 | MEN E111 WEST  
1/2" = 1'-0"



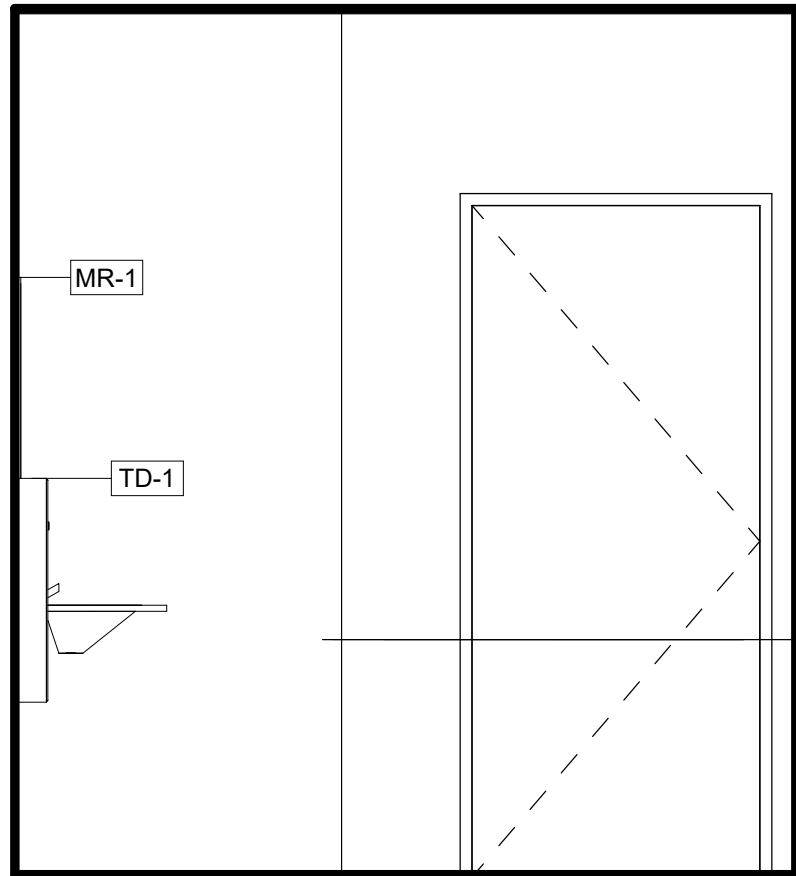
8 | MEN E111 SOUTH  
1/2" = 1'-0"



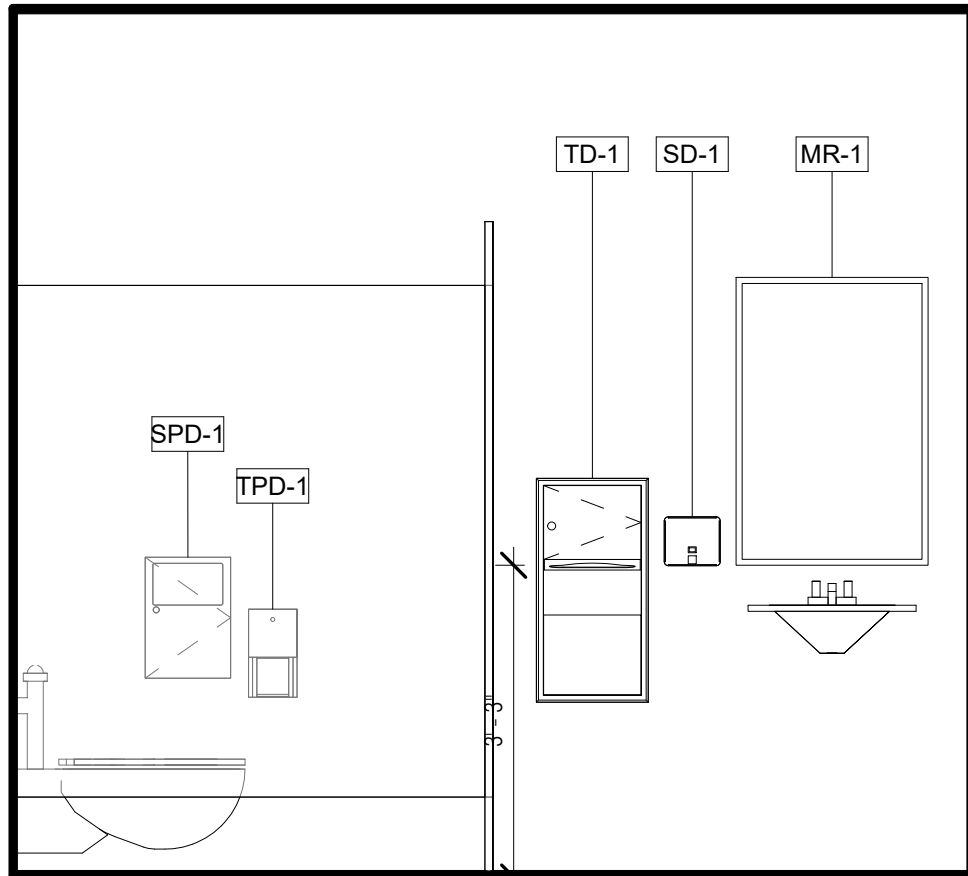
7 | MEN E111 EAST  
1/2" = 1'-0"



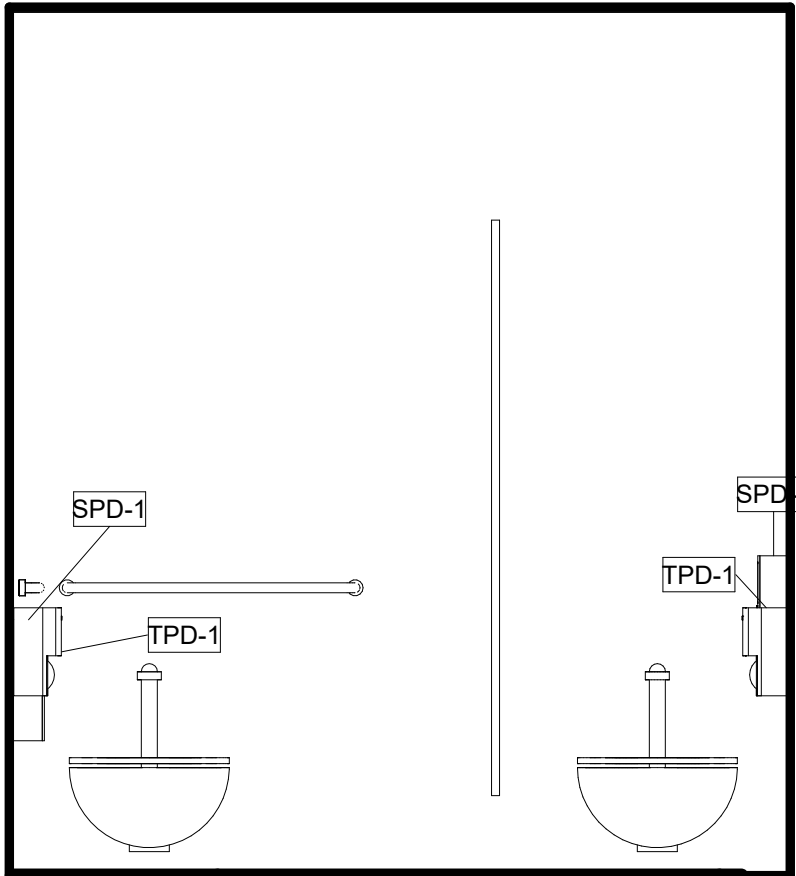
6 | MEN E111 NORTH  
1/2" = 1'-0"



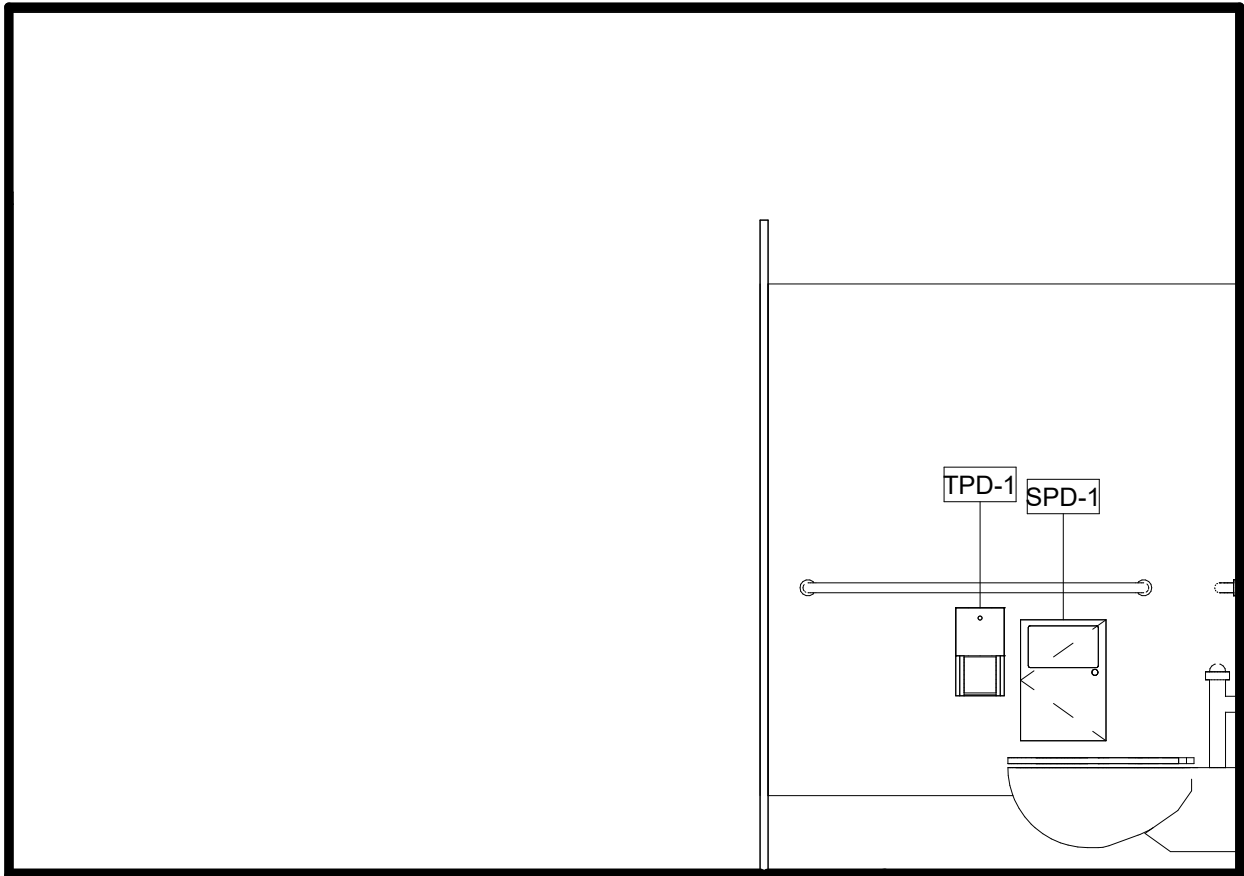
5 | WOMEN E109 WEST  
1/2" = 1'-0"



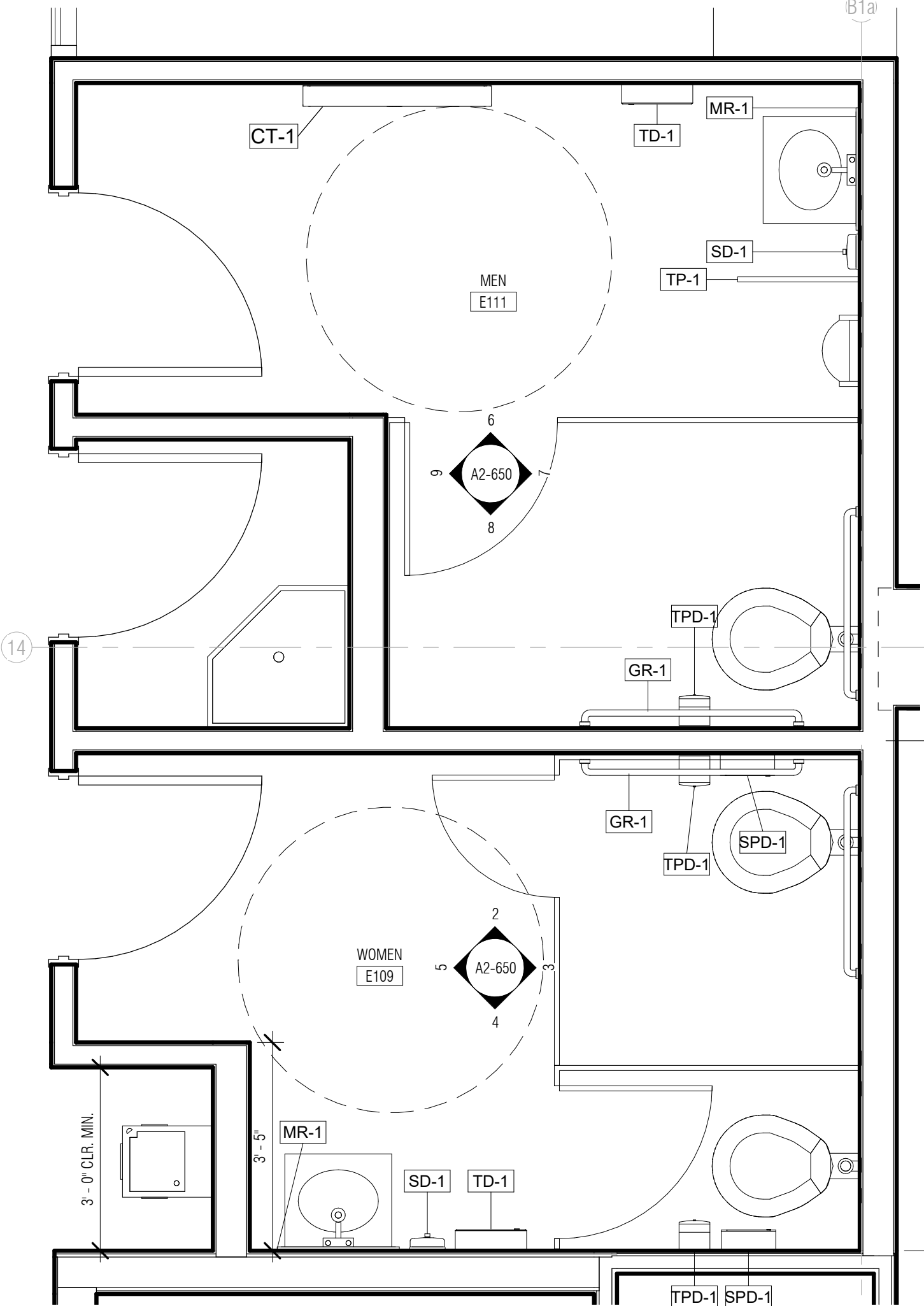
4 | WOMEN E109 SOUTH  
1/2" = 1'-0"



3 | WOMEN E109 EAST  
1/2" = 1'-0"



2 | WOMEN E109 NORTH  
1/2" = 1'-0"



1 | ENLARGED PLAN - MEN E111 AND WOMEN E109  
1/2" = 1'-0"

## ARQUITECTONICA

ARCHITECT:  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

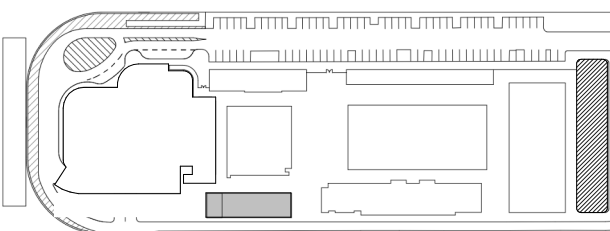
STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

MEP/FP ENGINEERS:  
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

CIVIL ENGINEER:  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF - EAST BUILDING**  
501 Seabreeze Blvd., Fort Lauderdale, FL 33316

KEY PLAN:



DESCRIPTION DATE

NOT FOR  
CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:

DRAWING TITLE

LVL 01 AND 01 MEZZ. RESTROOMS

PROJECT NUMBER: 010326.000

DATE: 06/17/2022

SCALE: 1/2" = 1'-0"

SHEET

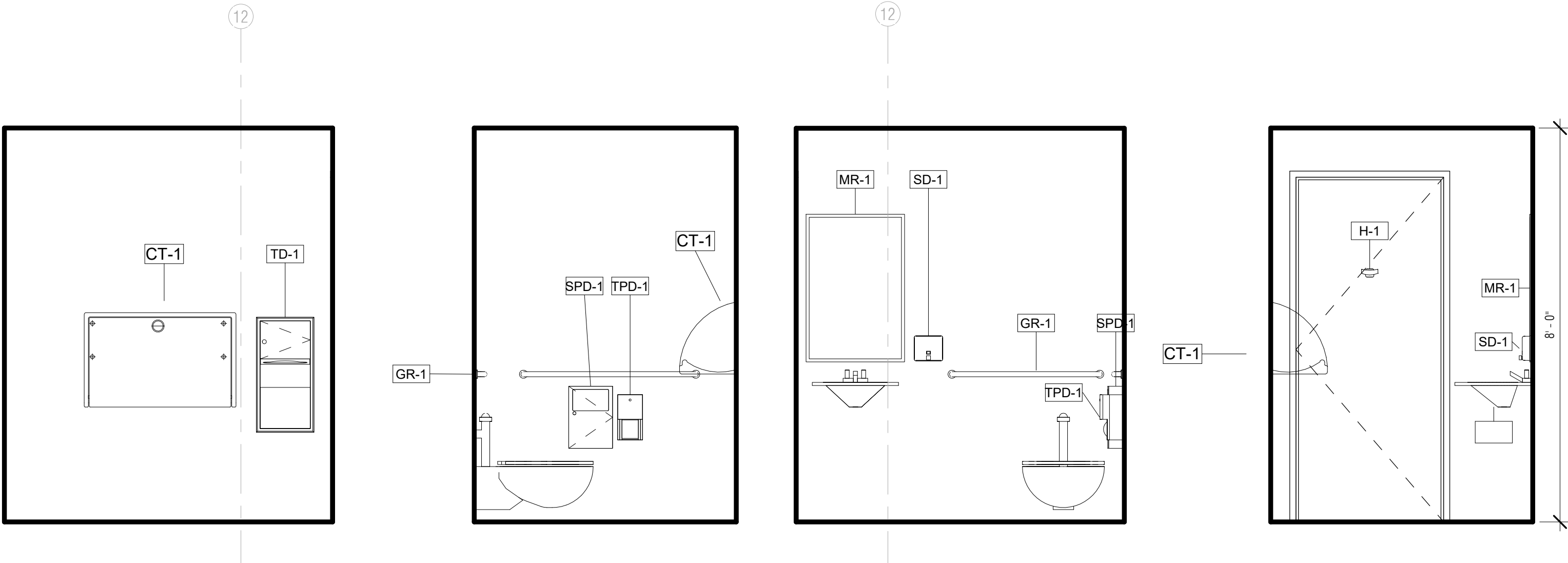
**A2-650**

CAM 23-0723  
Exhibit 1L  
Page 20 of 171



NOTE: REFER TO G-004 AND G-005 FOR  
TYPICAL DIMENSIONS  
SEE PLUMBING PLANS FOR MORE  
INFORMATION

TOILET ACCESSORIES SCHEDULE		
CODE	ACCESSORY	MANUFACTURER
GB-1	42" GRAB BAR	BOBRICK: B-6806X42
GB-2	36" GRAB BAR	BOBRICK: B-6806X36
GB-3	24" GRAB BAR	BOBRICK: B-6806X24
TPD-1	COMBO SEAT COVER & TOILET TISSUE DISPENSER - IN PARTITION	BOBRICK: B-357
TPD-2	SURFACE-MOUNTED MULTI-ROLL TOILET PAPER DISPENSER	BOBRICK: B-3588
LAV-1	TRIPLE BASIN SINK STATION	
LAV-2	SINGLE WALL-MOUNTED SINK	KHOLER PURIS
LAV-3	MOP SINK	
DCS	DIAPER CHANGING STATION	KOALA KARE: KB110-SSWM
TD-1	PAPER TOWEL DISPENSER	BOBRICK: B-262
MI-1	MIRROR 18" X 36"	BOBRICK: B-290
MI-2	MIRROR 36"H X 30"W	ASI 0600 TYPE 304 SS ANGLE FRAME MIRROR
ND-1	SURFACE-MOUNTED SANITARY NAPKIN DISPOSAL	BOBRICK: B-270
SD-1	SOAP DISPENSER	
TP-1	TOILET PARTITION	SCRANTON HINY HINDERS
SH-1	SHOWER	
DF-1	DRINKING FOUNTAIN	
TLT-1	WALL MOUNTED TOILET	
U-1	WALL MOUNTED URINAL	

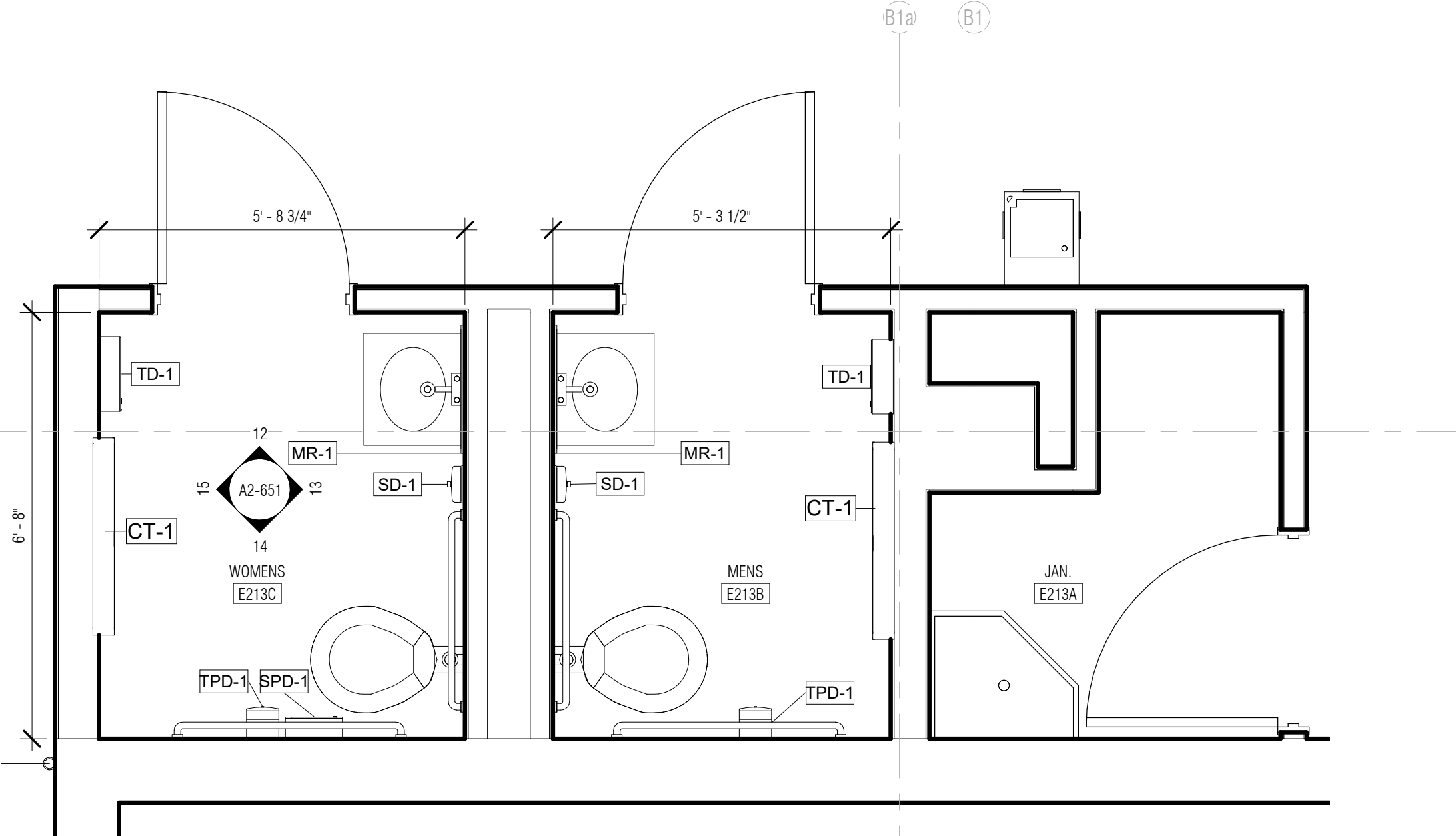


15 E213C/B  
1/2" = 1'-0"

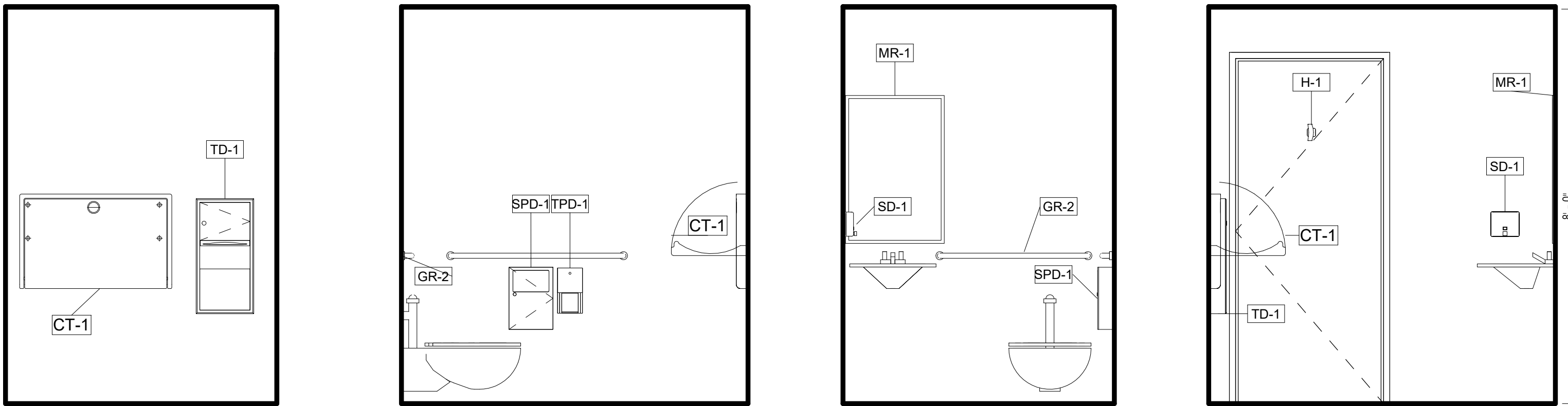
14 E213C/B SOUTH  
1/2" = 1'-0"

13 E213C/B WET WALL  
1/2" = 1'-0"

12 E213C/B NORTH  
1/2" = 1'-0"



11 ENLAGRED PLAN - WOMEN E213C / MEN E213B / JAN. E213A  
1/2" = 1'-0"

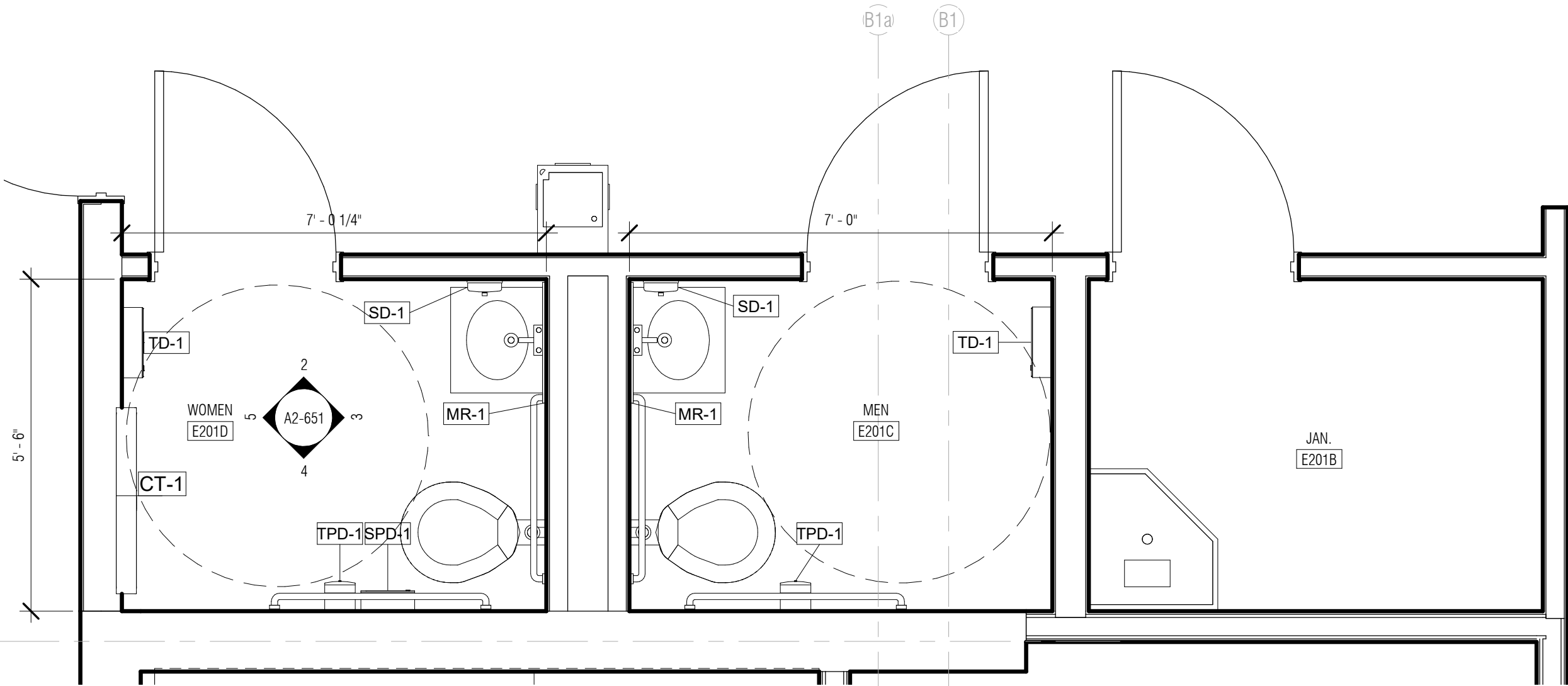


5 E201C/D OUTER WALL  
1/2" = 1'-0"

4 E201C/D SOUTH  
1/2" = 1'-0"

3 E201C/D WET WALL  
1/2" = 1'-0"

2 E201C/D NORTH  
1/2" = 1'-0"



1 ENLARGED PLAN - MEN E201C / WOMEN E201D / JAN. E201B  
1/2" = 1'-0"

## ARQUITECTONICA

ARCHITECT:  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

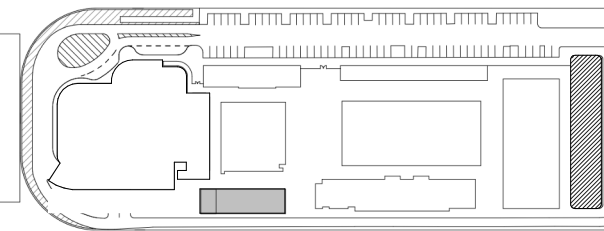
STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

MEP/FP ENGINEERS:  
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

CIVIL ENGINEER:  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF - EAST BUILDING**  
501 Seabreeze Blvd., Fort Lauderdale, FL 33316

KEY PLAN:



△ DESCRIPTION DATE

NOT FOR  
CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:

DRAWING TITLE  
LVL 02 RESTROOMS

PROJECT NUMBER: 010326.000  
DATE: 06/17/2022  
SCALE: 1/2" = 1'-0"

SHEET

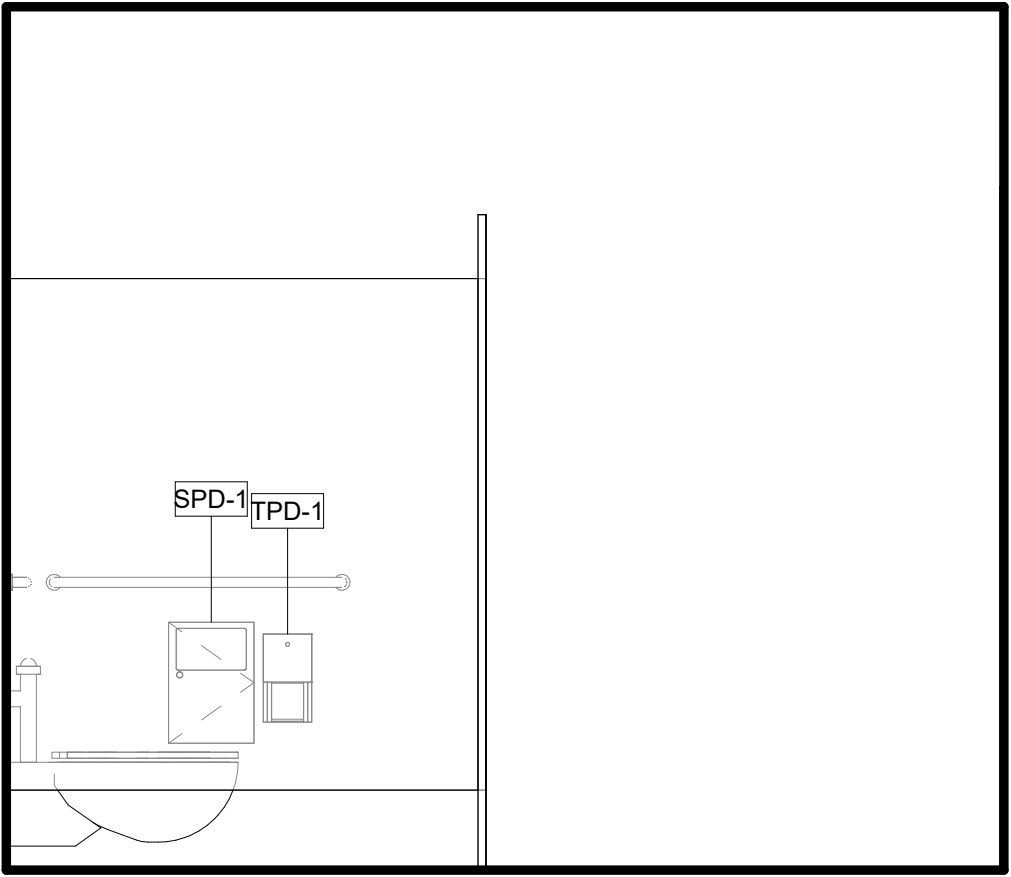
**A2-651**

CAM 23-0723  
Exhibit 1L  
Page 21 of 171

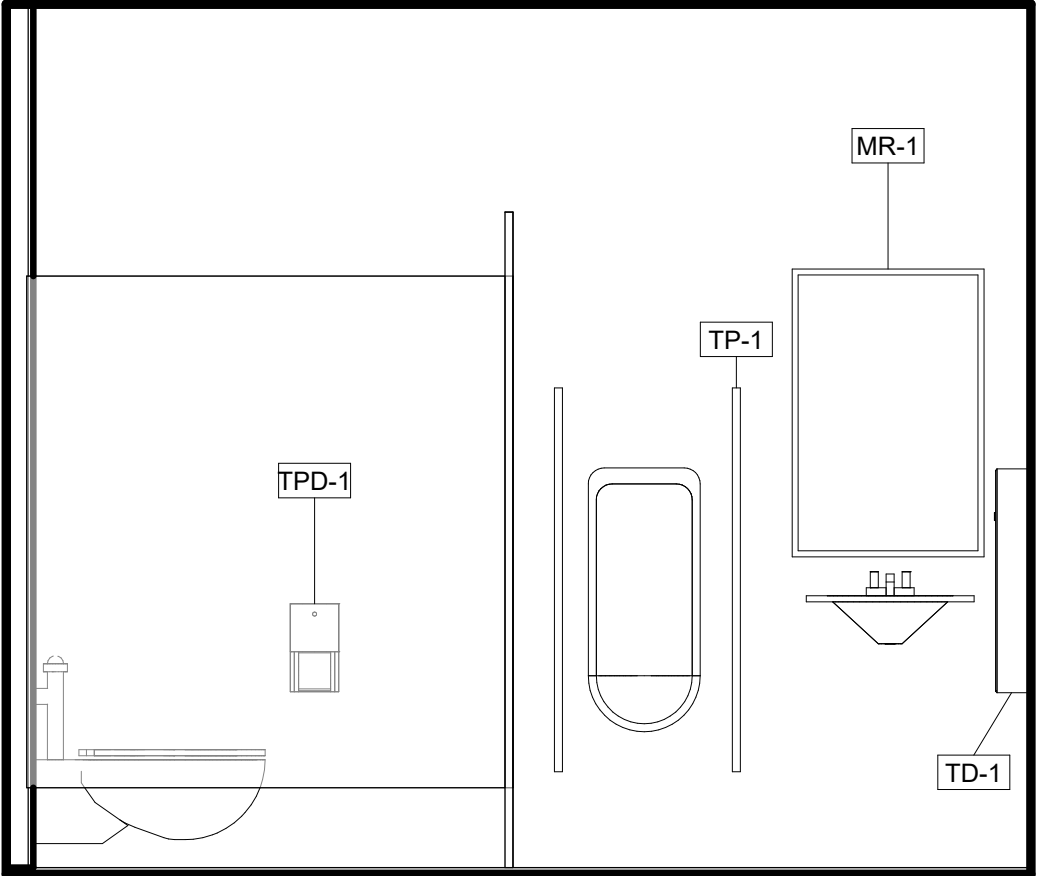
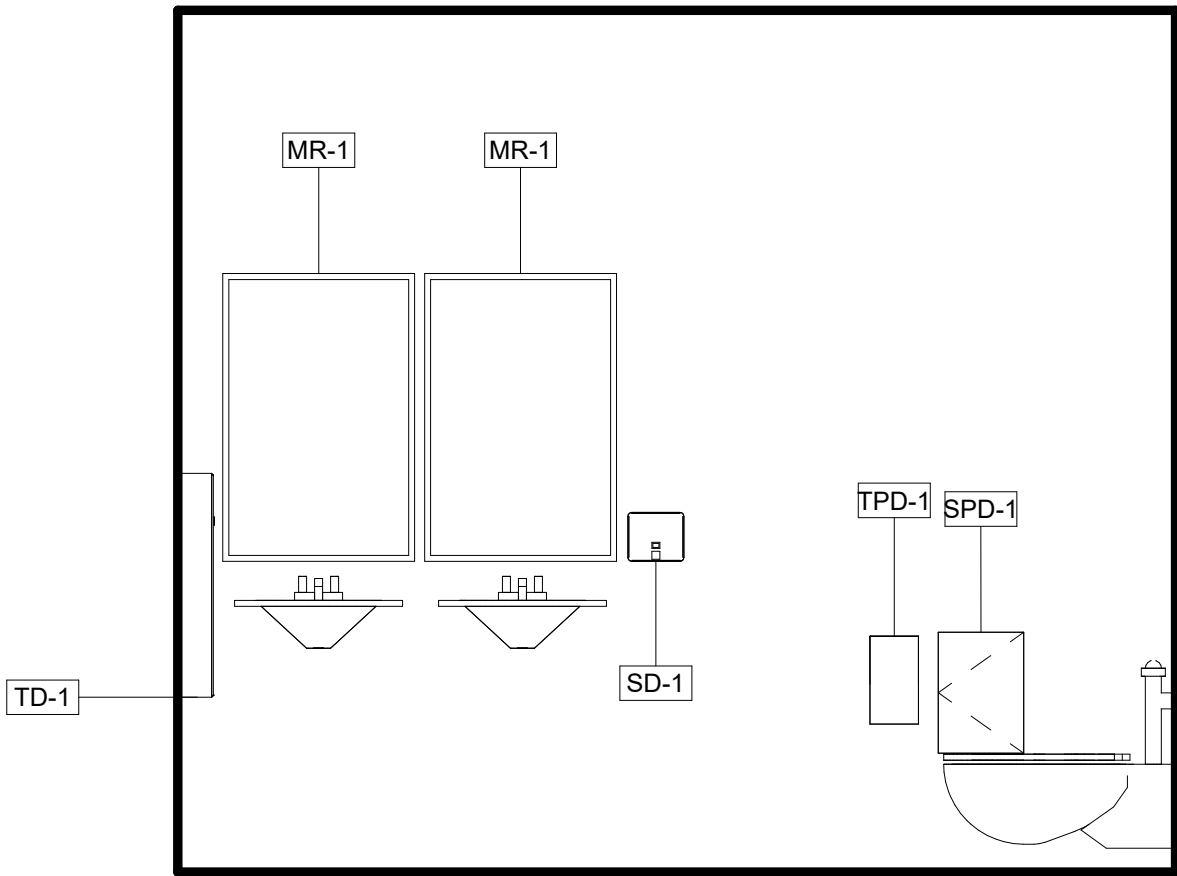
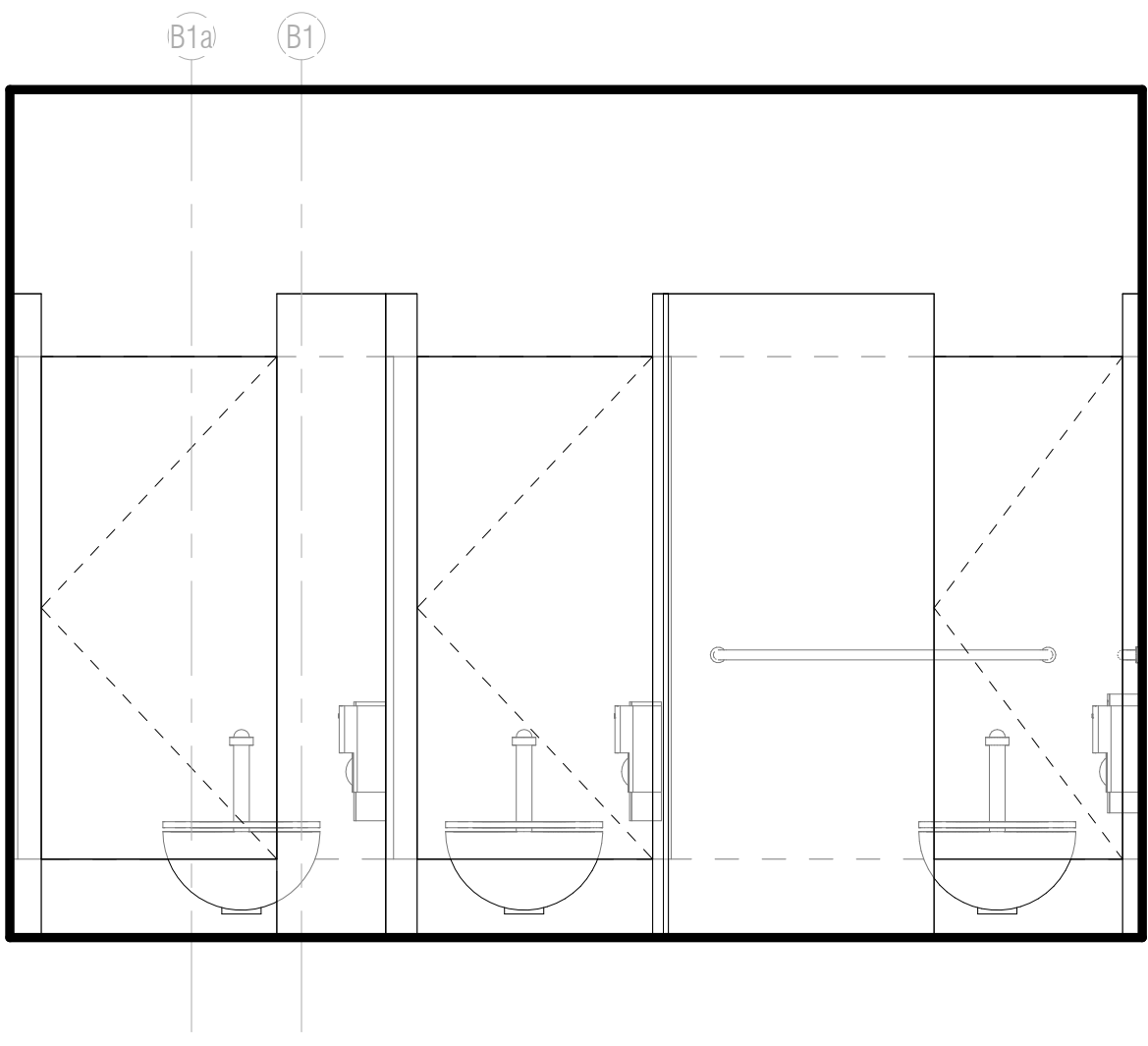
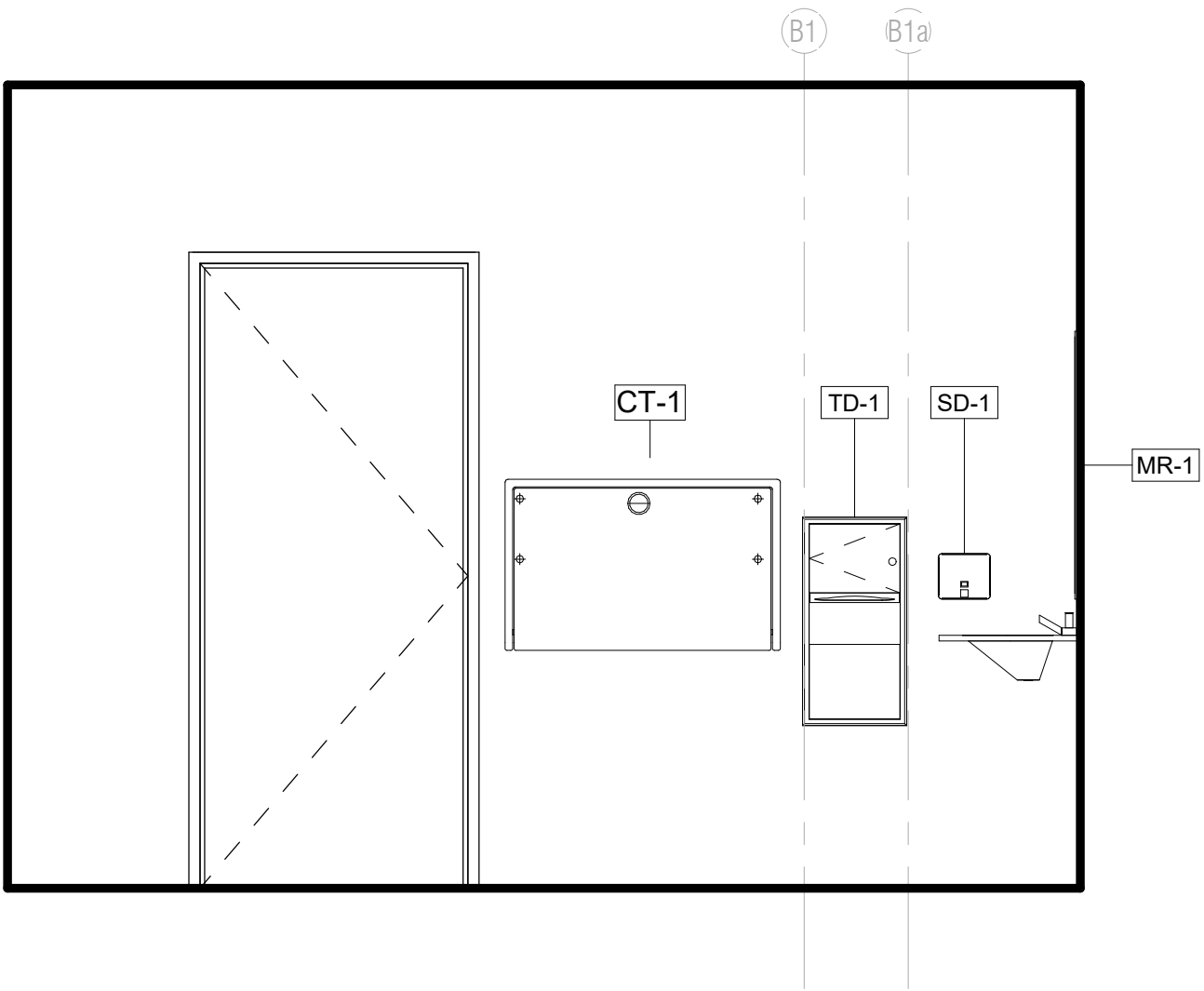


TOILET ACCESSORIES SCHEDULE		
CODE	ACCESSORY	MANUFACTURER
GB-1	42" GRAB BAR	BOBRICK: B-6806X42
GB-2	36" GRAB BAR	BOBRICK: B-6806X36
GB-3	24" GRAB BAR	BOBRICK: B-6806X24
TPD-1	COMBO SEAT COVER & TOILET TISSUE DISPENSER - IN PARTITION	BOBRICK: B-357
TPD-2	SURFACE-MOUNTED MULTI-ROLL TOILET PAPER DISPENSER	BOBRICK: B-3588
LAV-1	TRIPLE BASIN SINK STATION	
LAV-2	SINGLE WALL-MOUNTED SINK	KHOLER PURIS
LAV-3	MOP SINK	
DCS	DIAPER CHANGING STATION	KOALA KARE: KB110-SSWM
TD-1	PAPER TOWEL DISPENSER	BOBRICK: B-262
MI-1	MIRROR 18" X 36"	BOBRICK: B-290
MI-2	MIRROR 36"H X 30"W	ASI 0600 TYPE 304 SS ANGLE FRAME MIRROR
ND-1	SURFACE-MOUNTED SANITARY NAPKIN DISPOSAL	BOBRICK: B-270
SD-1	SOAP DISPENSER	
TP-1	TOILET PARTITION	SCRANTON HINY HINDERS
SH-1	SHOWER	
DF-1	DRINKING FOUNTAIN	
TLT-1	WALL MOUNTED TOILET	
U-1	WALL MOUNTED URINAL	

NOTE: REFER TO G-004 AND G-005 FOR TYPICAL DIMENSIONS  
SEE PLUMBING PLANS FOR MORE INFORMATION



9 WOMEN E205 SOUTH  
1/2" = 1'-0"

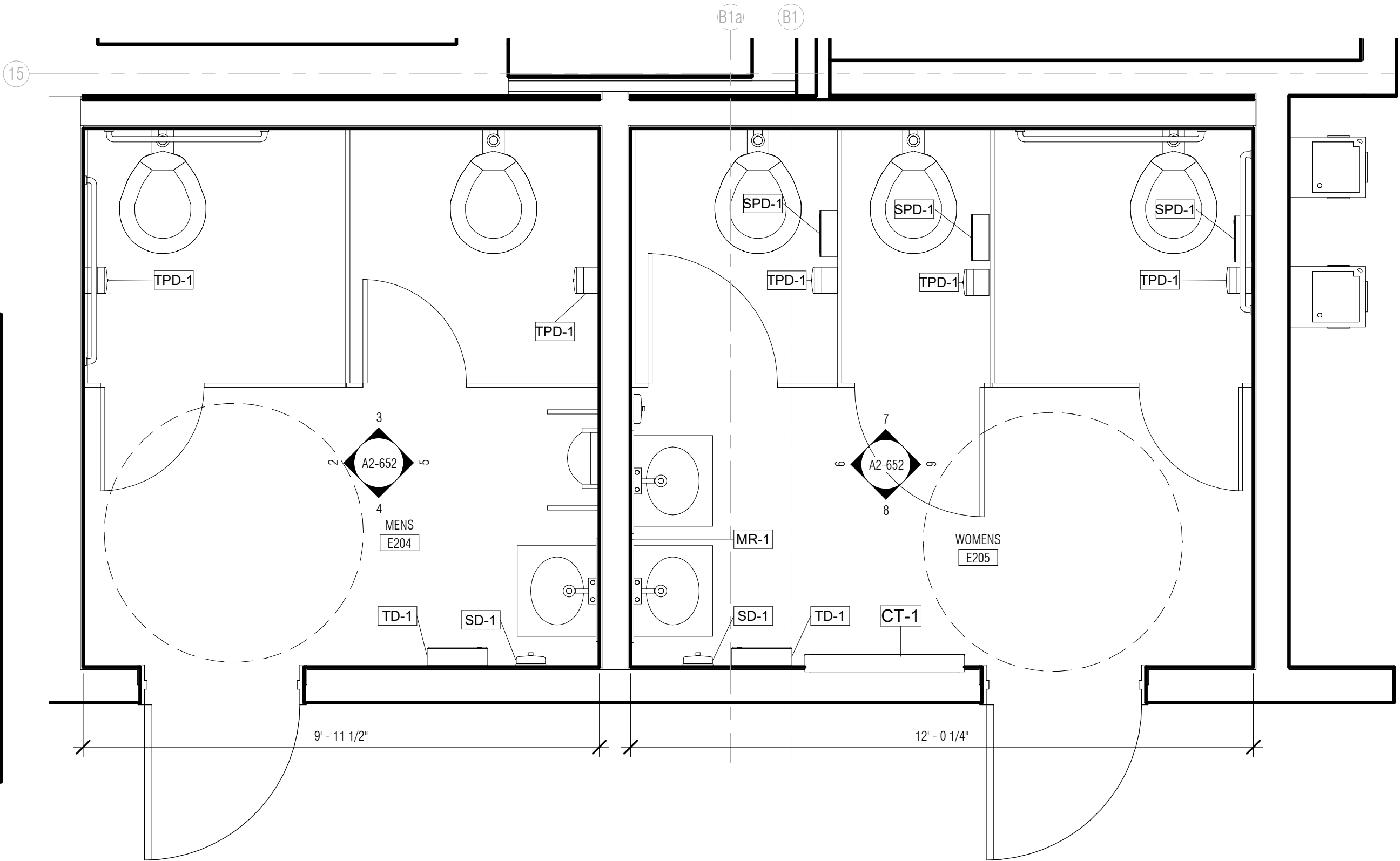
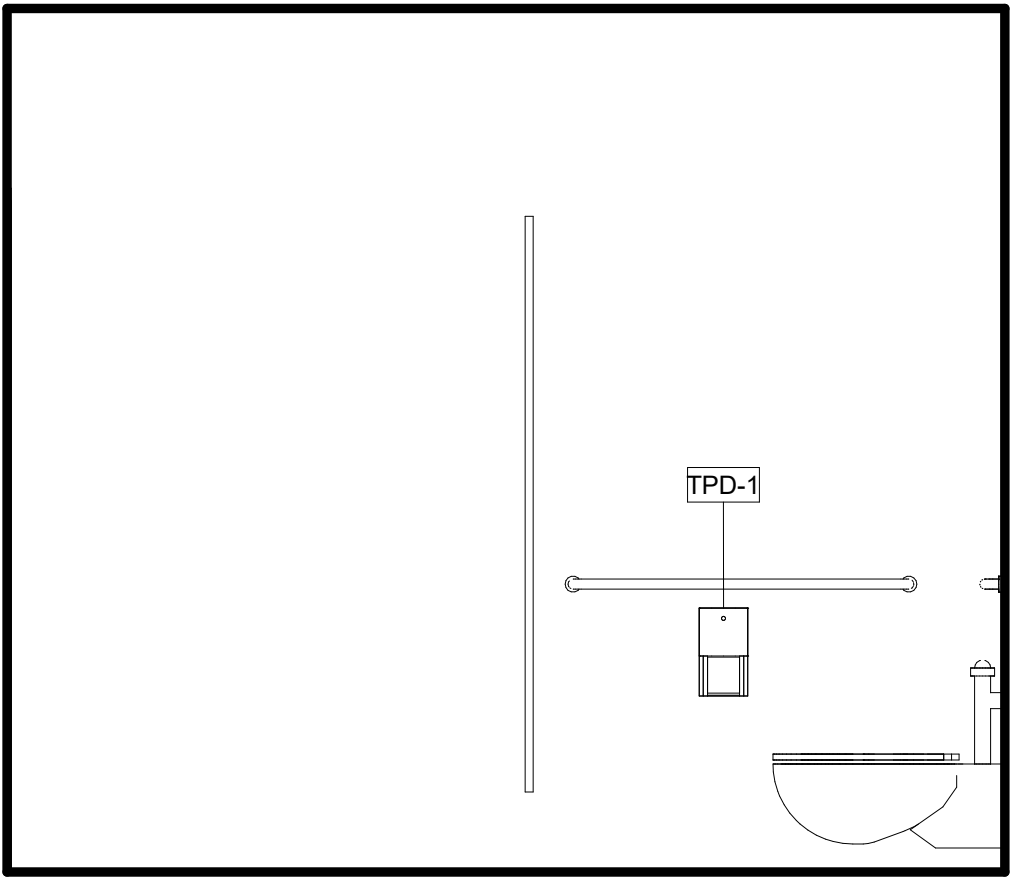
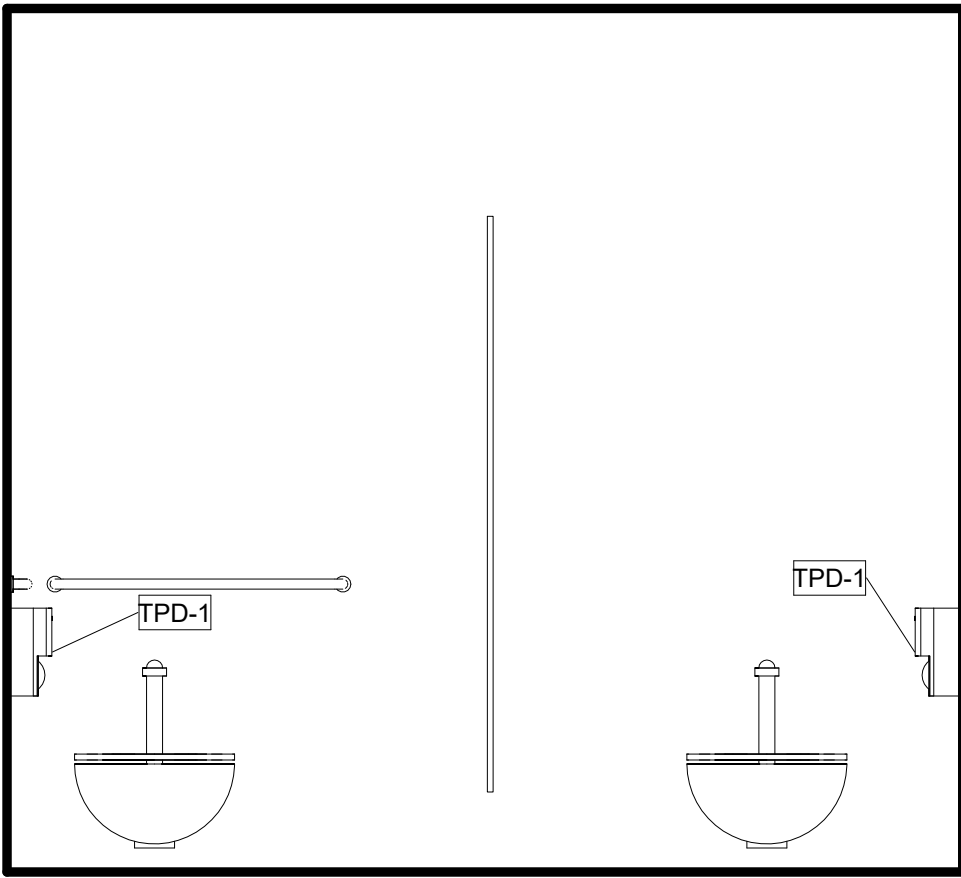
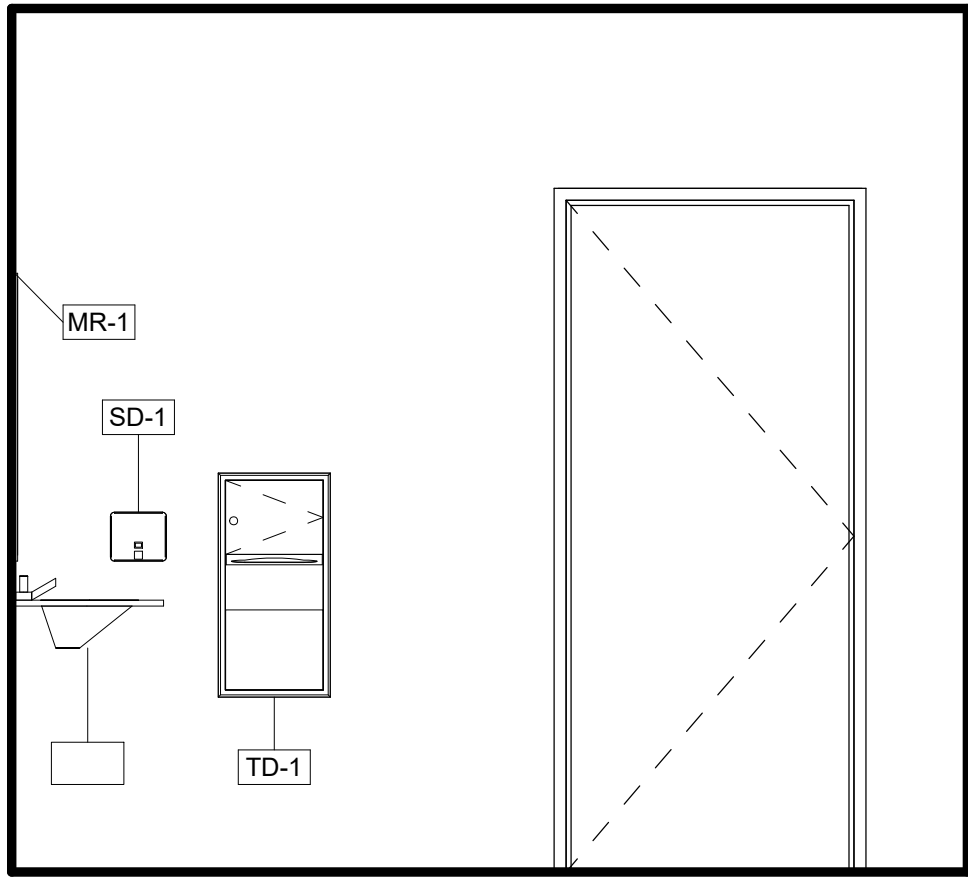


8 WOMEN E205 EAST  
1/2" = 1'-0"

7 WOMEN E205 NORTH  
1/2" = 1'-0"

6 WOMEN E205 WEST  
1/2" = 1'-0"

5 MEN E204 EAST  
1/2" = 1'-0"



4 MEN E204 SOUTH  
1/2" = 1'-0"

3 MEN E204 NORTH  
1/2" = 1'-0"

2 MEN E204 WEST  
1/2" = 1'-0"

1 ENLARGED PLAN - MEN E204 / WOMEN E205  
1/2" = 1'-0"

## ARQUITECTONICA

ARCHITECT:  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

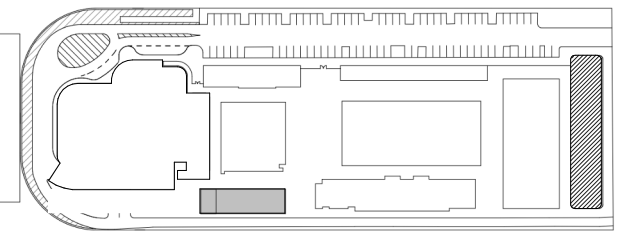
STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

MEP/FP ENGINEERS:  
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

CIVIL ENGINEER:  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF - EAST BUILDING**  
501 Seabreeze Blvd., Fort Lauderdale, FL 33316

KEY PLAN:



△ DESCRIPTION DATE

NOT FOR CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:

DRAWING TITLE  
LVL 02 RESTROOMS

PROJECT NUMBER: 010326.000  
DATE: 06/17/2022  
SCALE: 1/2" = 1'-0"

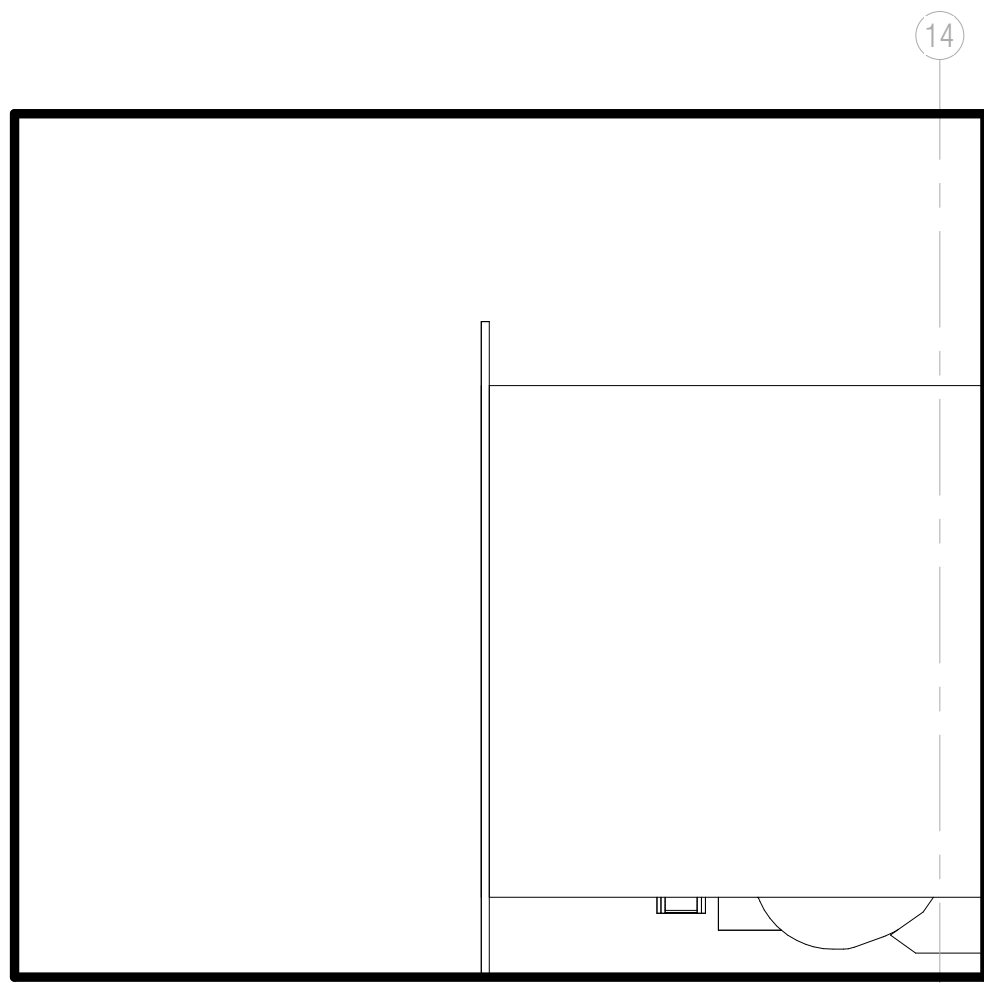
SHEET  
**A2-652**

CAM 23-0723  
Exhibit 1L  
Page 22 of 171

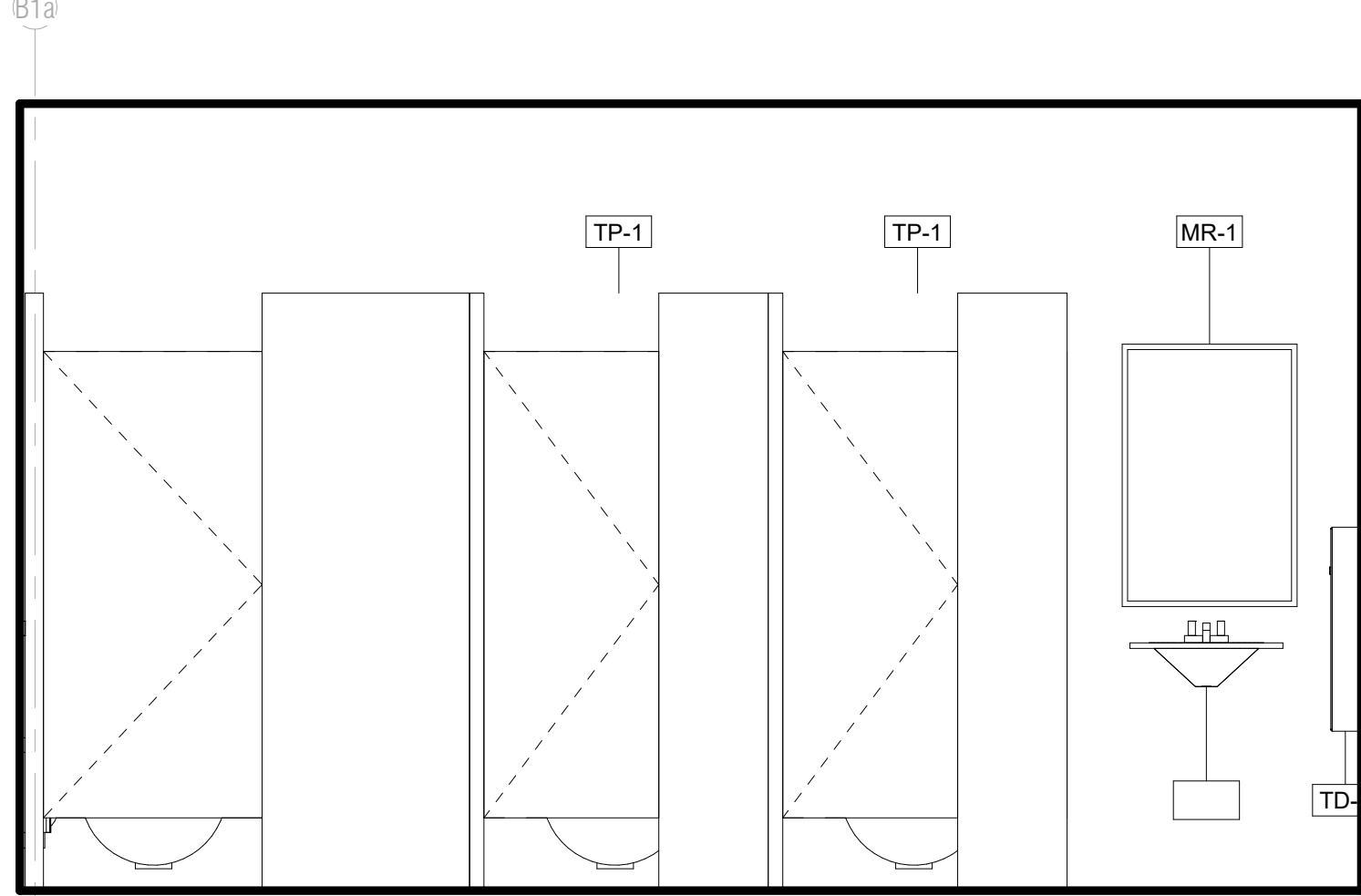


NOTE: REFER TO G-004 AND G-005  
FOR TYPICAL DIMENSIONS  
SEE PLUMBING PLANS FOR MORE  
INFORMATION

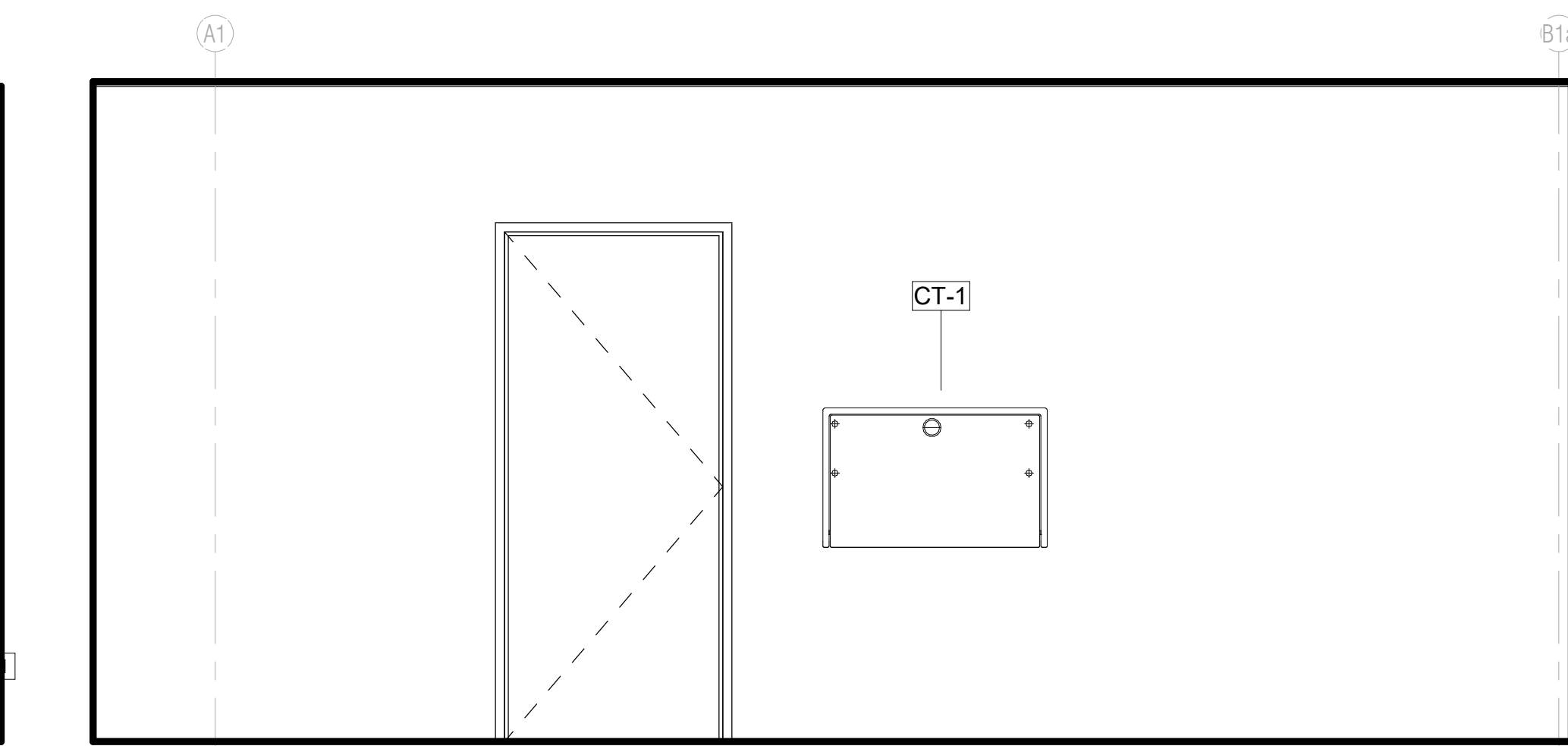
9 WOMENS E307 EAST  
1/2" = 1'-0"



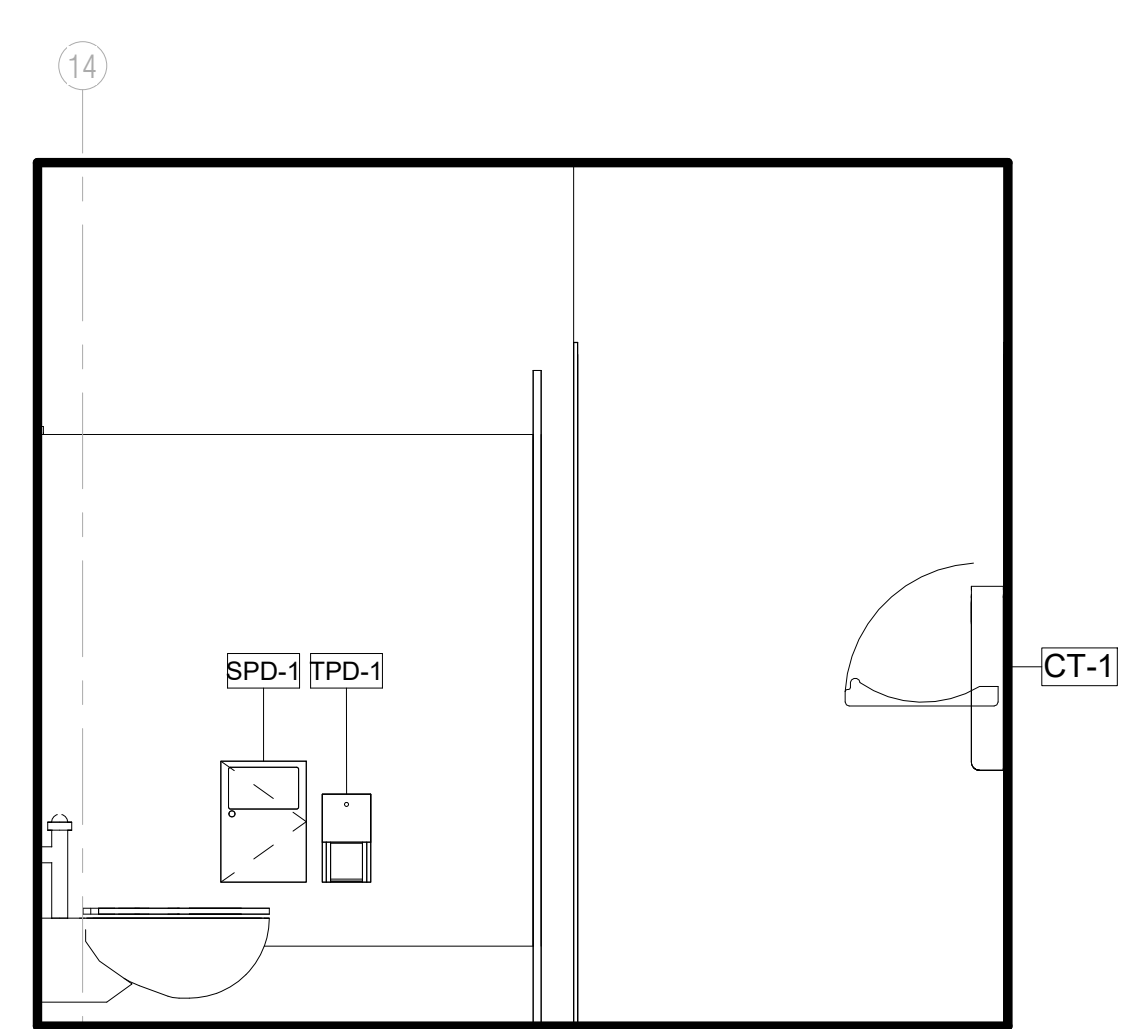
8 WOMENS E307 SOUTH  
1/2" = 1'-0"



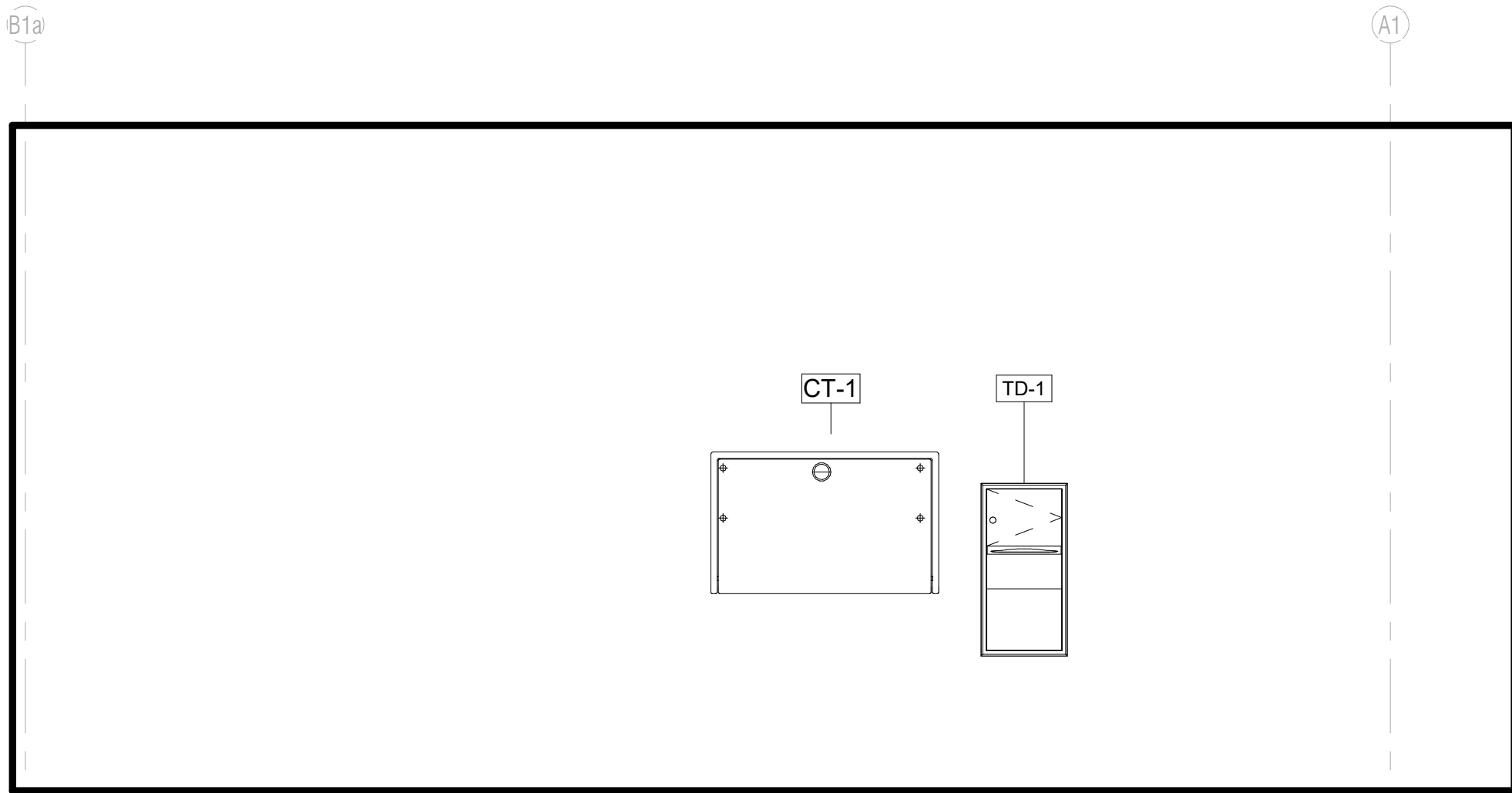
7 WOMENS E307 NORTH  
1/2" = 1'-0"



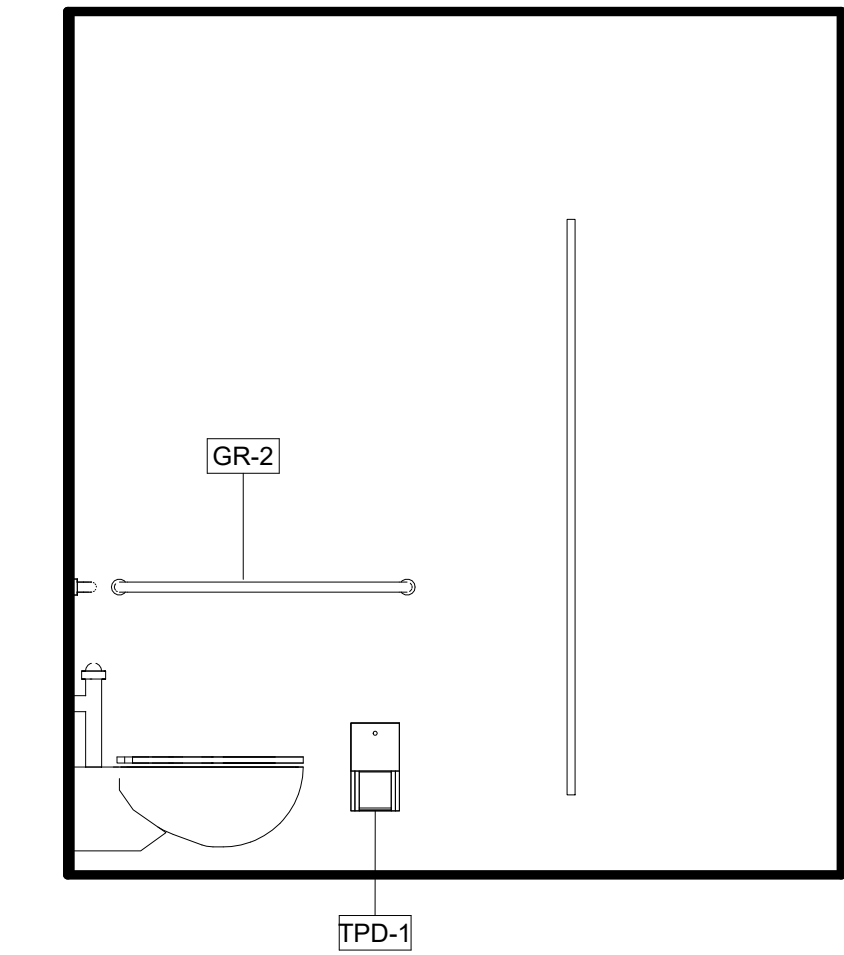
6 WOMENS E307 WEST  
1/2" = 1'-0"



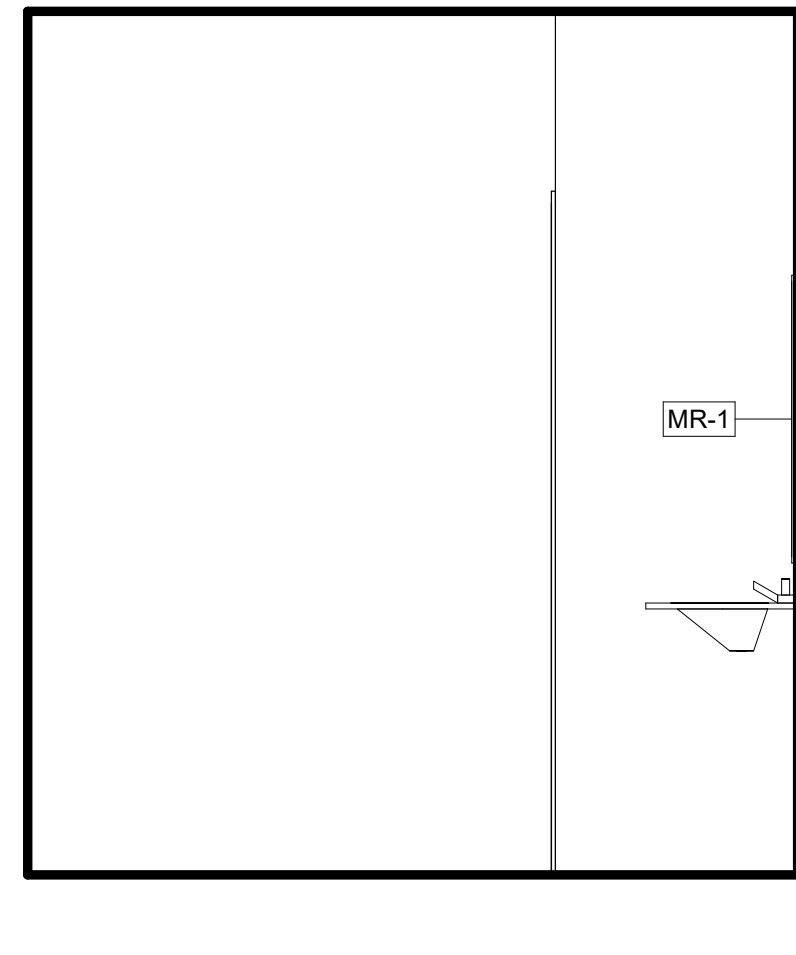
5 MEN E306 SOUTH  
1/2" = 1'-0"



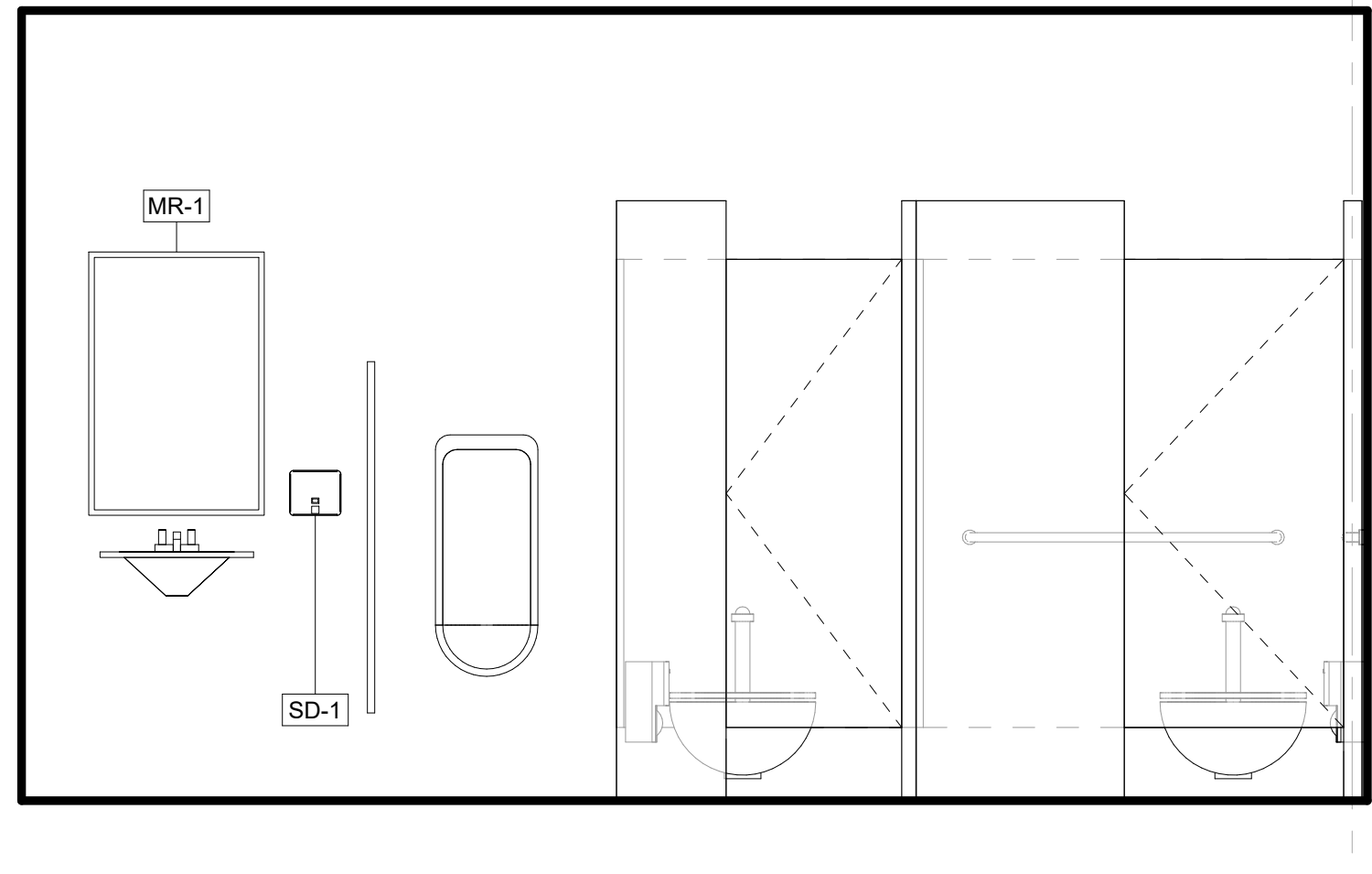
4 MEN E306 EAST  
1/2" = 1'-0"



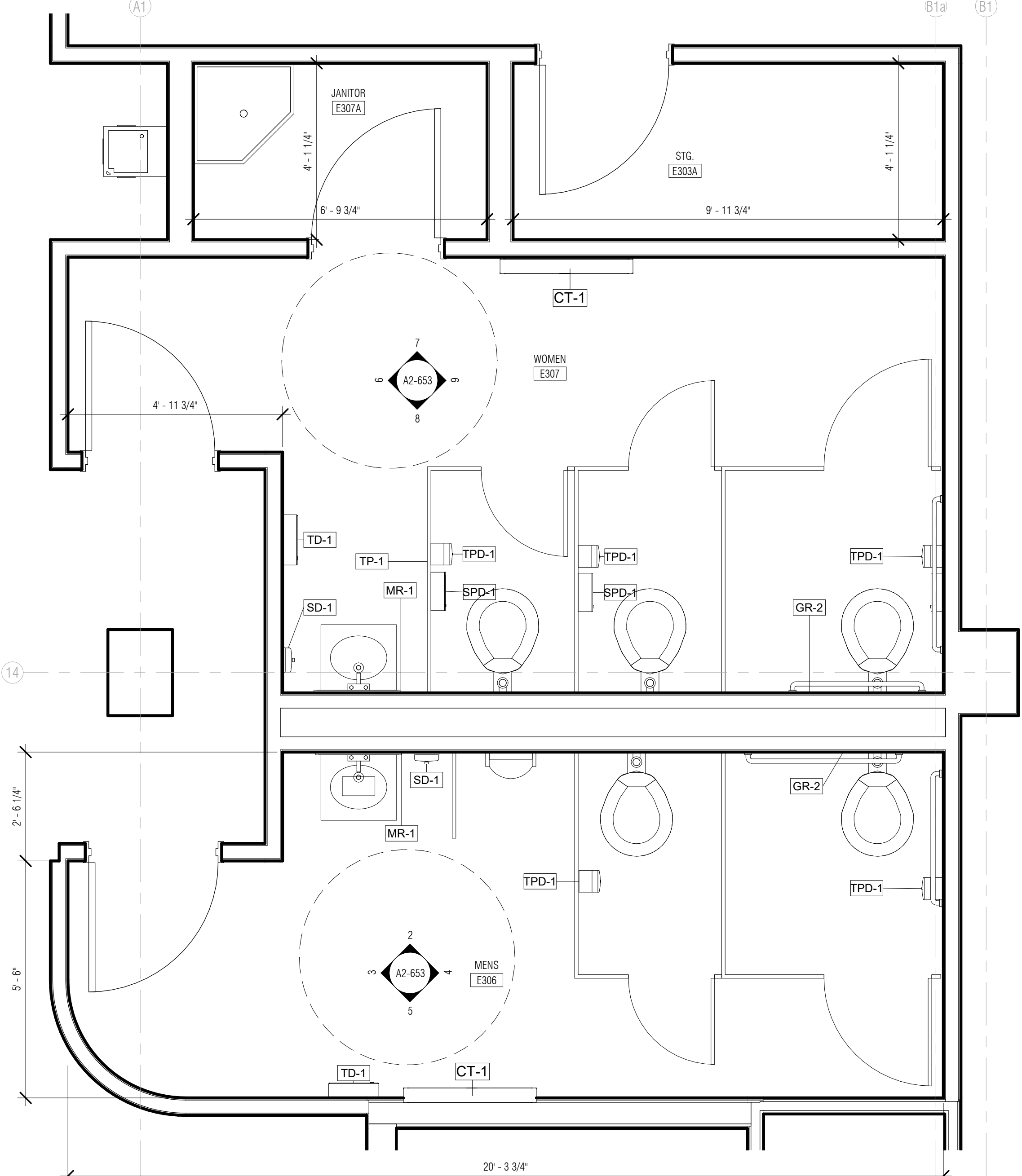
3 MEN E306 WEST  
1/2" = 1'-0"



2 MEN E306 NORTH  
1/2" = 1'-0"



1 ENLARGED PLAN - MEN E306 / WOMEN E307 / JAN. E307A  
1/2" = 1'-0"



## ARQUITECTONICA

ARCHITECT:  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

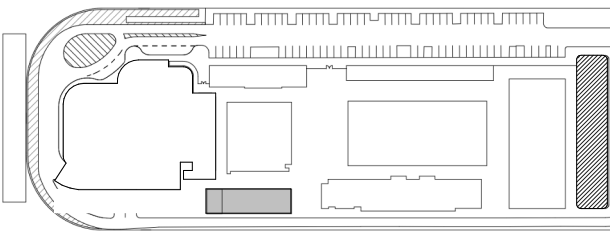
STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

MEP/FP ENGINEERS:  
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

CIVIL ENGINEER:  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF - EAST BUILDING**  
501 Seabreeze Blvd., Fort Lauderdale, FL 33316

KEY PLAN:

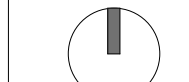


DESCRIPTION DATE

NOT FOR  
CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:



DRAWING TITLE  
LVL 03 AND 04 RESTROOMS

PROJECT NUMBER: 010326.000

DATE: 06/17/2022

SCALE: 1/2" = 1'-0"

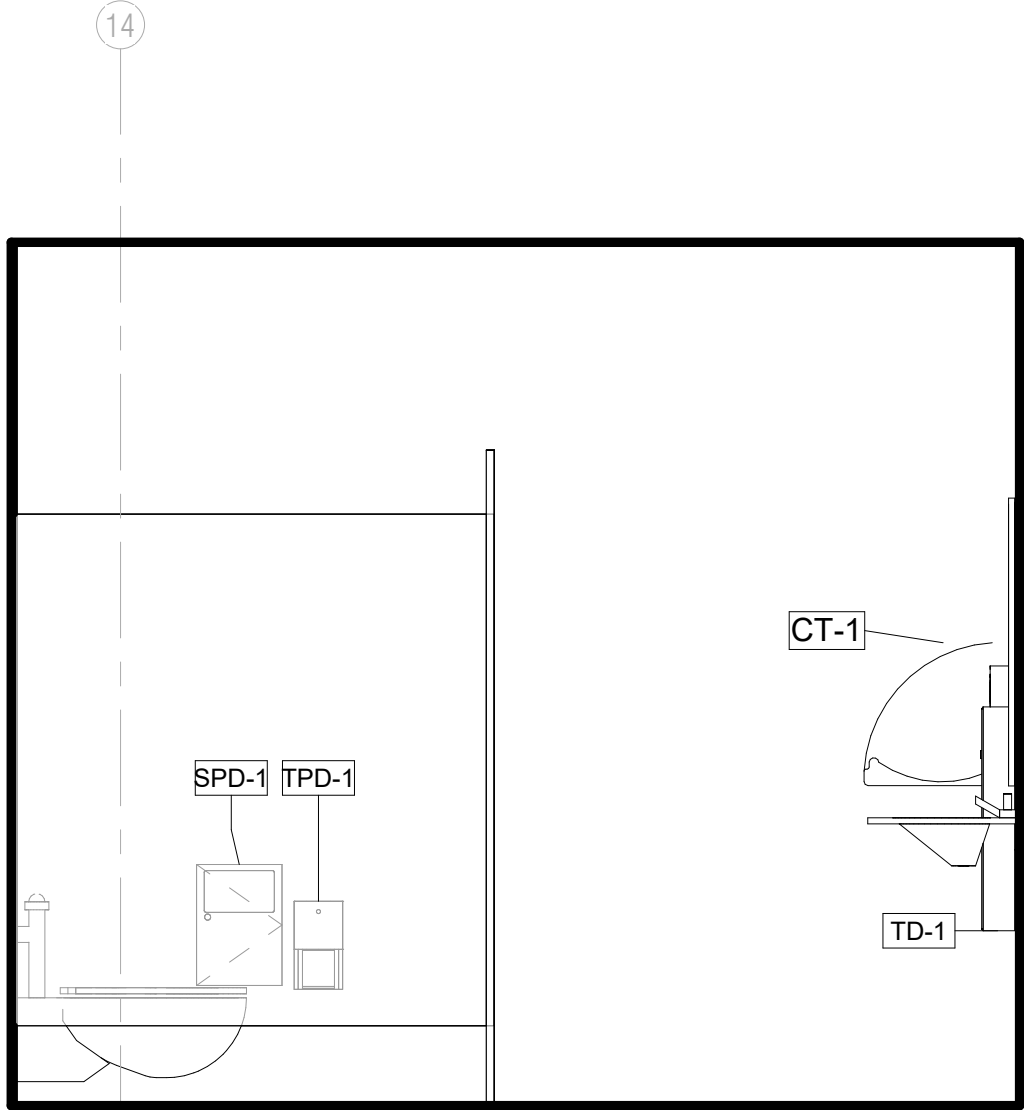
SHEET

**A2-653**

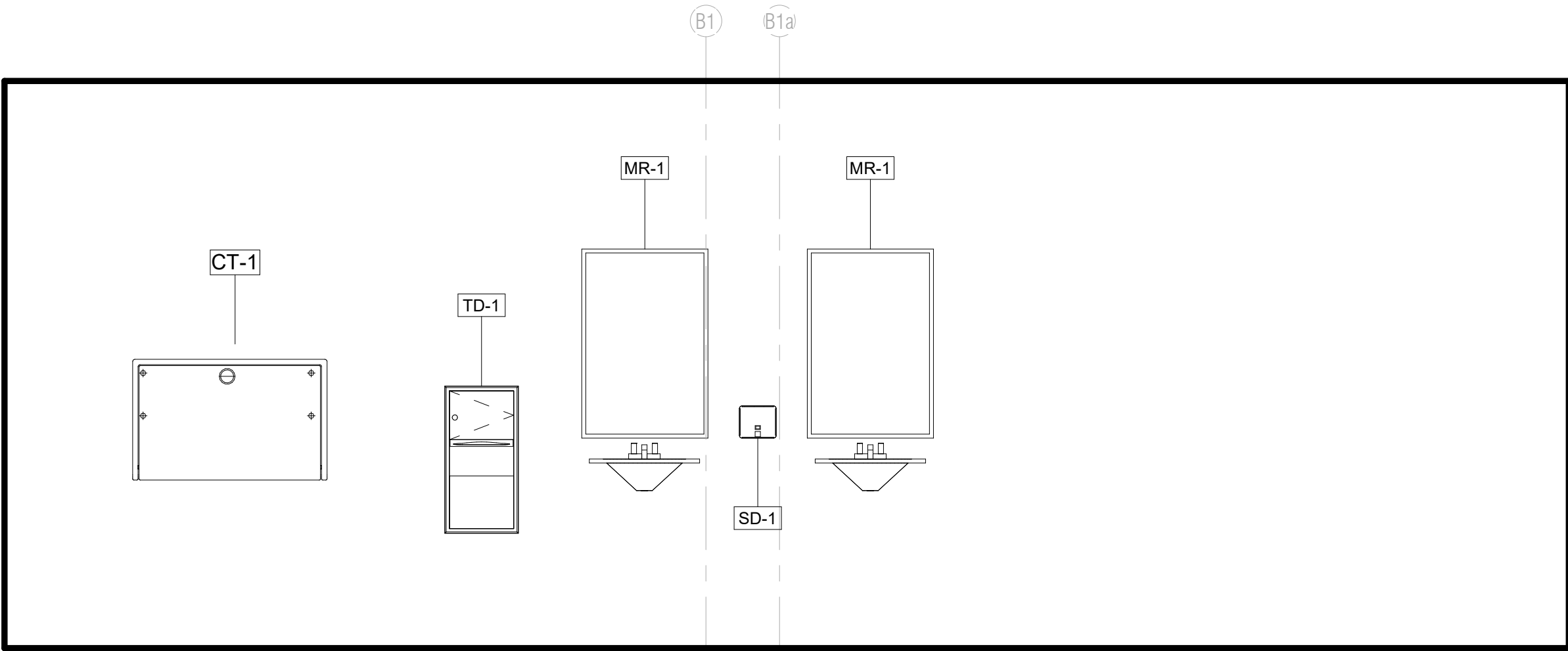
CAM 23-0723  
Exhibit 1L  
Page 23 of 171



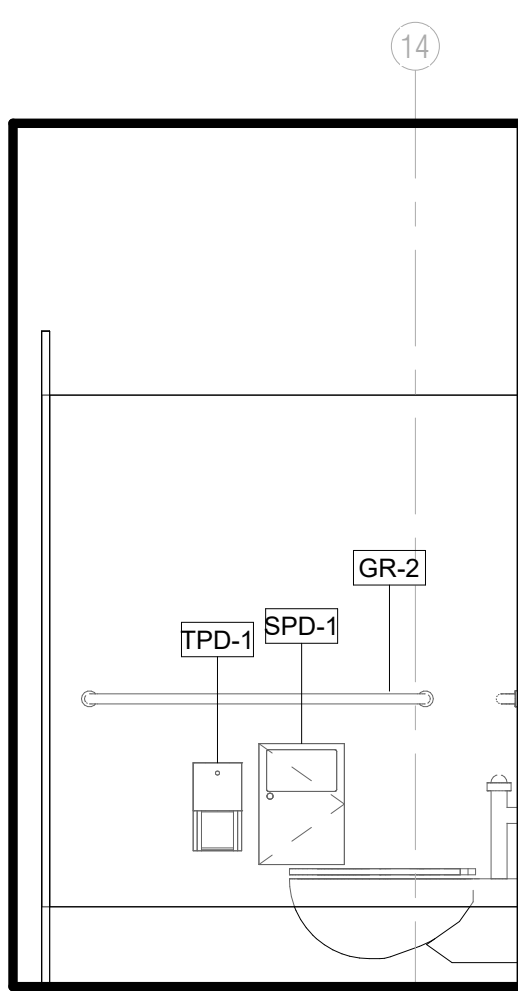
NOTE: REFER TO G-004 AND G-005 FOR  
TYPICAL DIMENSIONS  
SEE PLUMBING PLANS FOR MORE  
INFORMATION



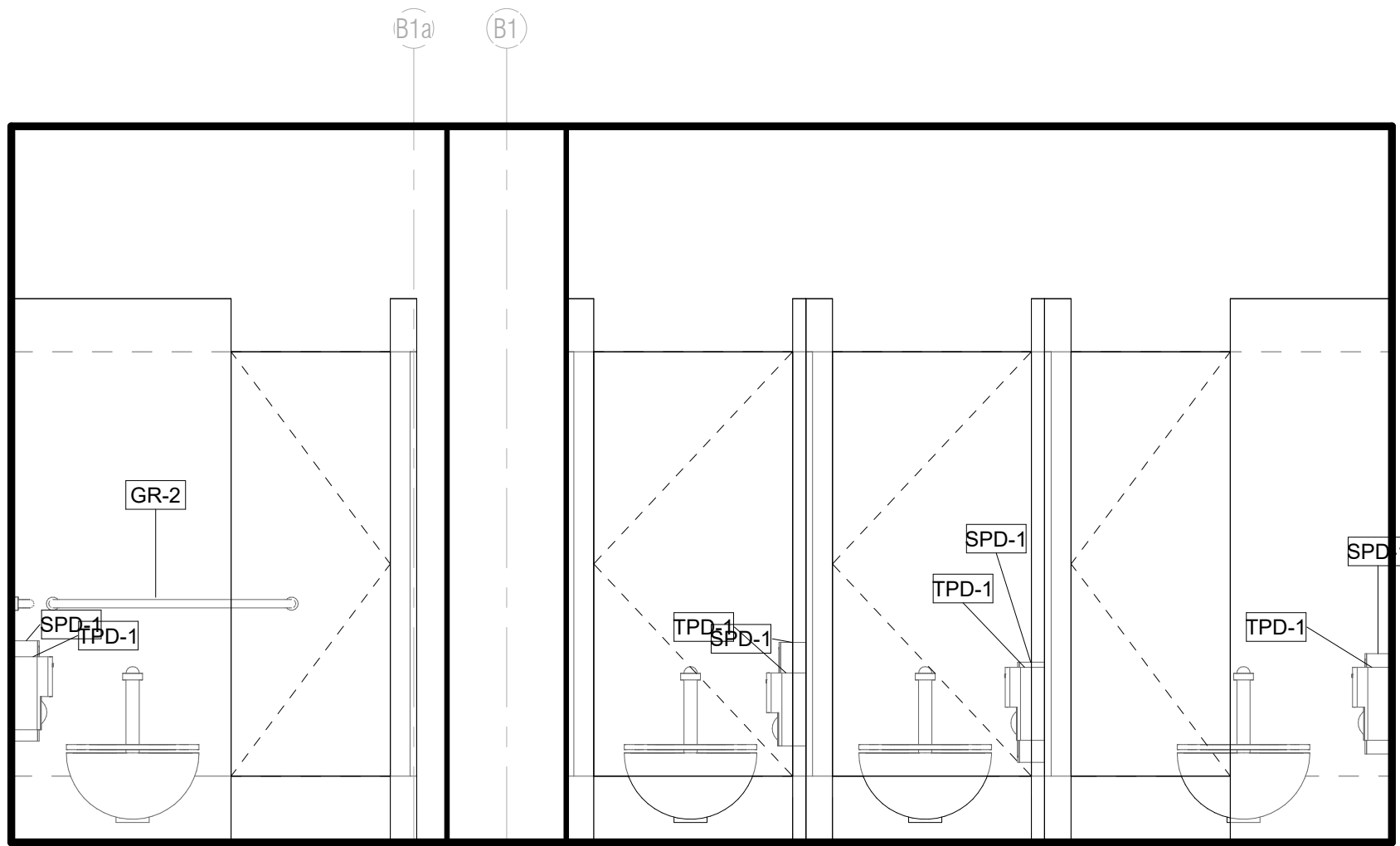
9 WOMENS E506 - EAST  
1/2" = 1'-0"



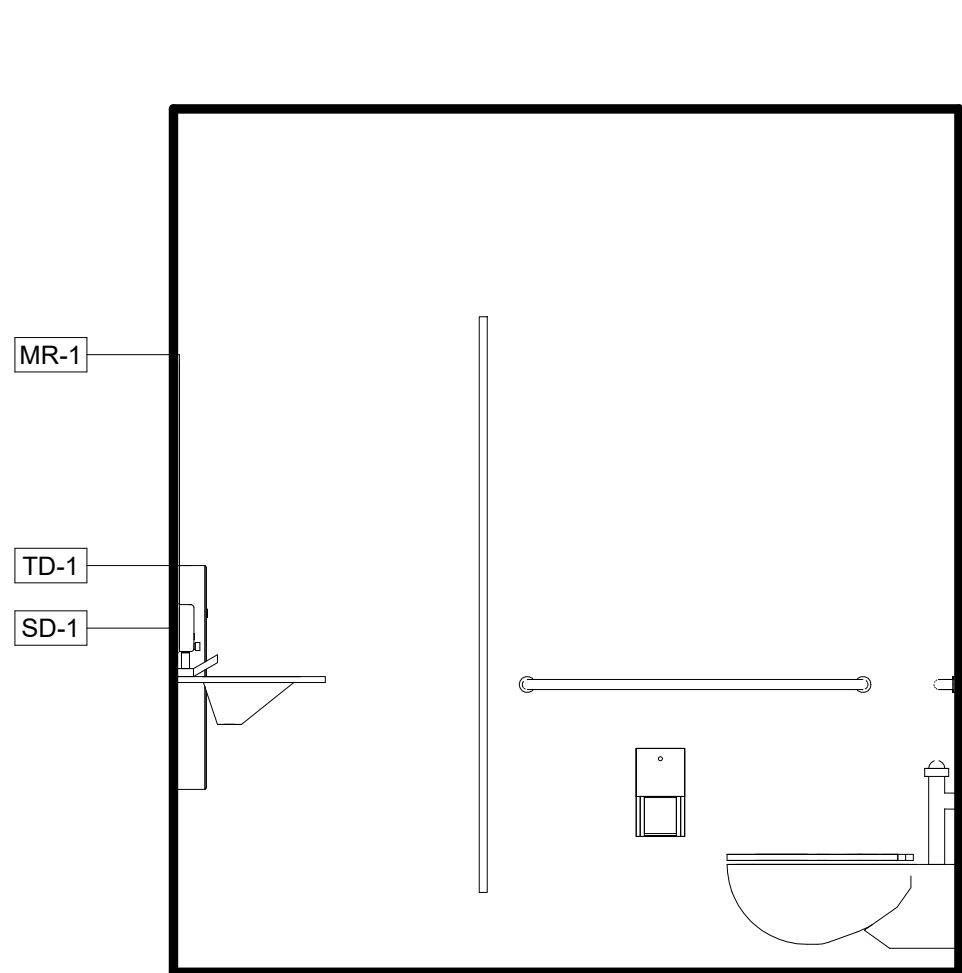
8 WOMENS E506 ENLARGED ELEVATION - SOUTH  
1/2" = 1'-0"



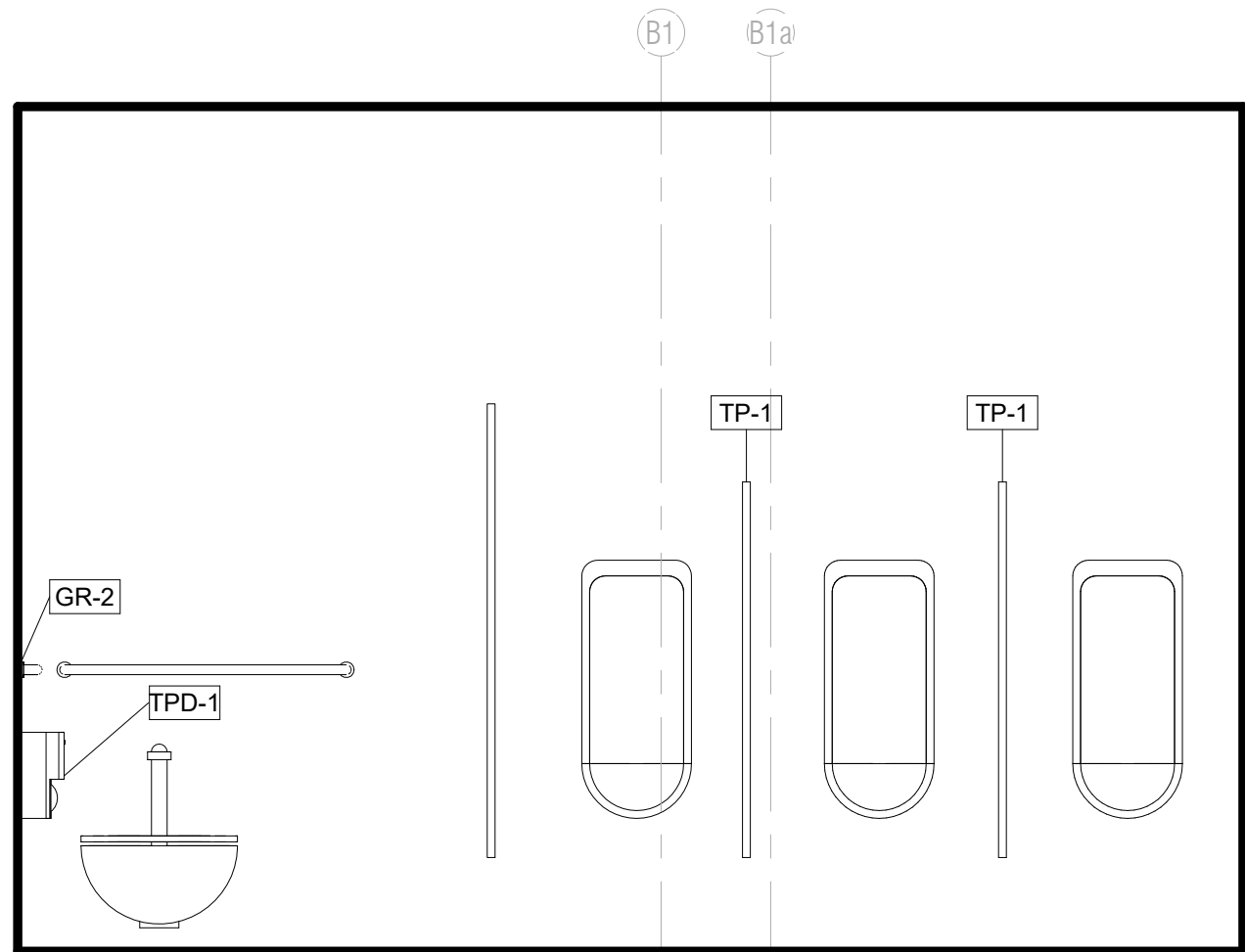
7 WOMENS E506 W  
1/2" = 1'-0"



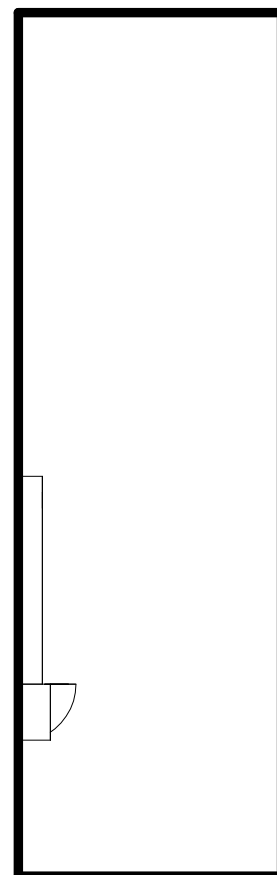
6 WOMENS E506 - NORTH  
1/2" = 1'-0"



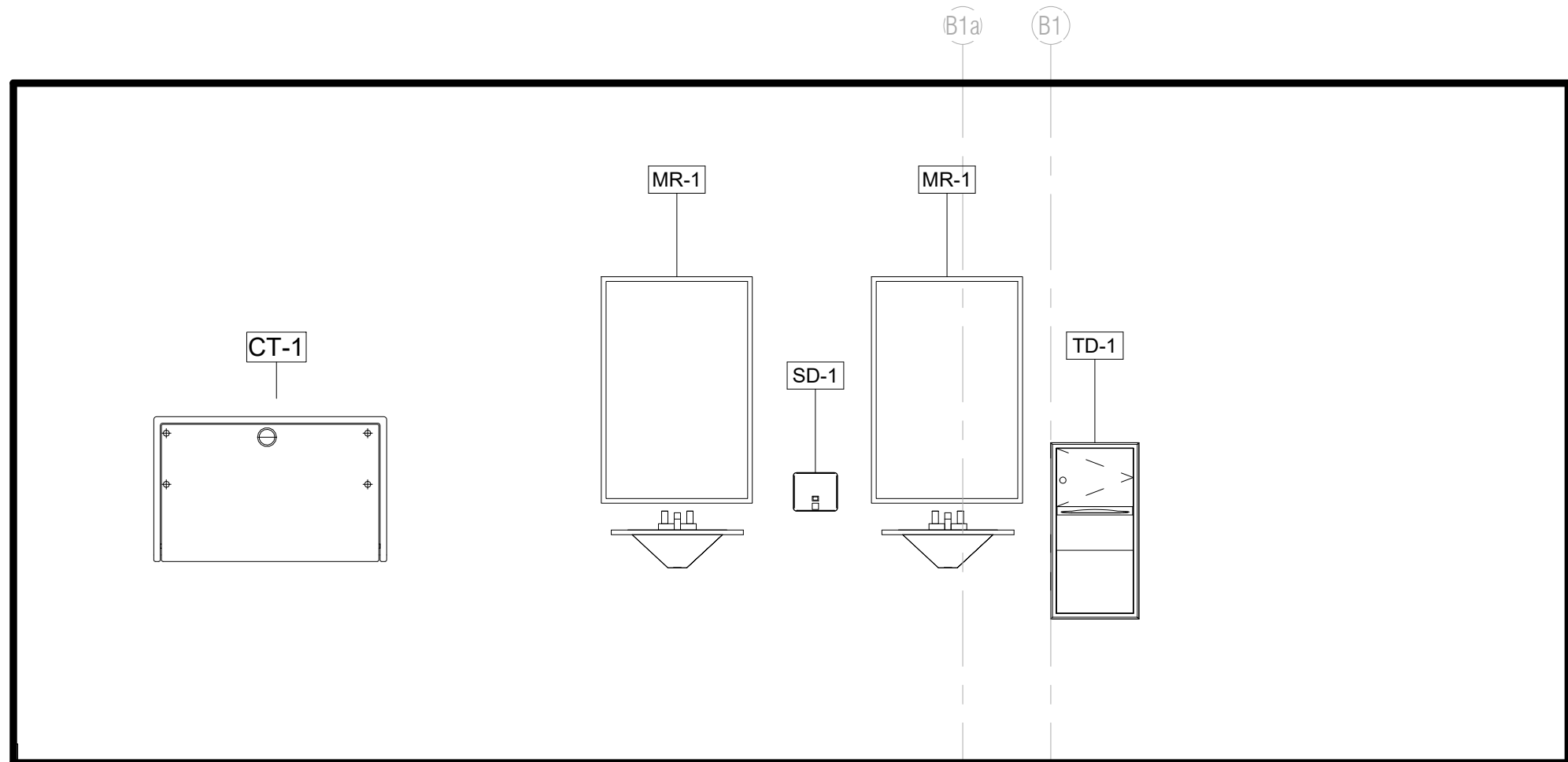
5 MENS E507 - EAST  
1/2" = 1'-0"



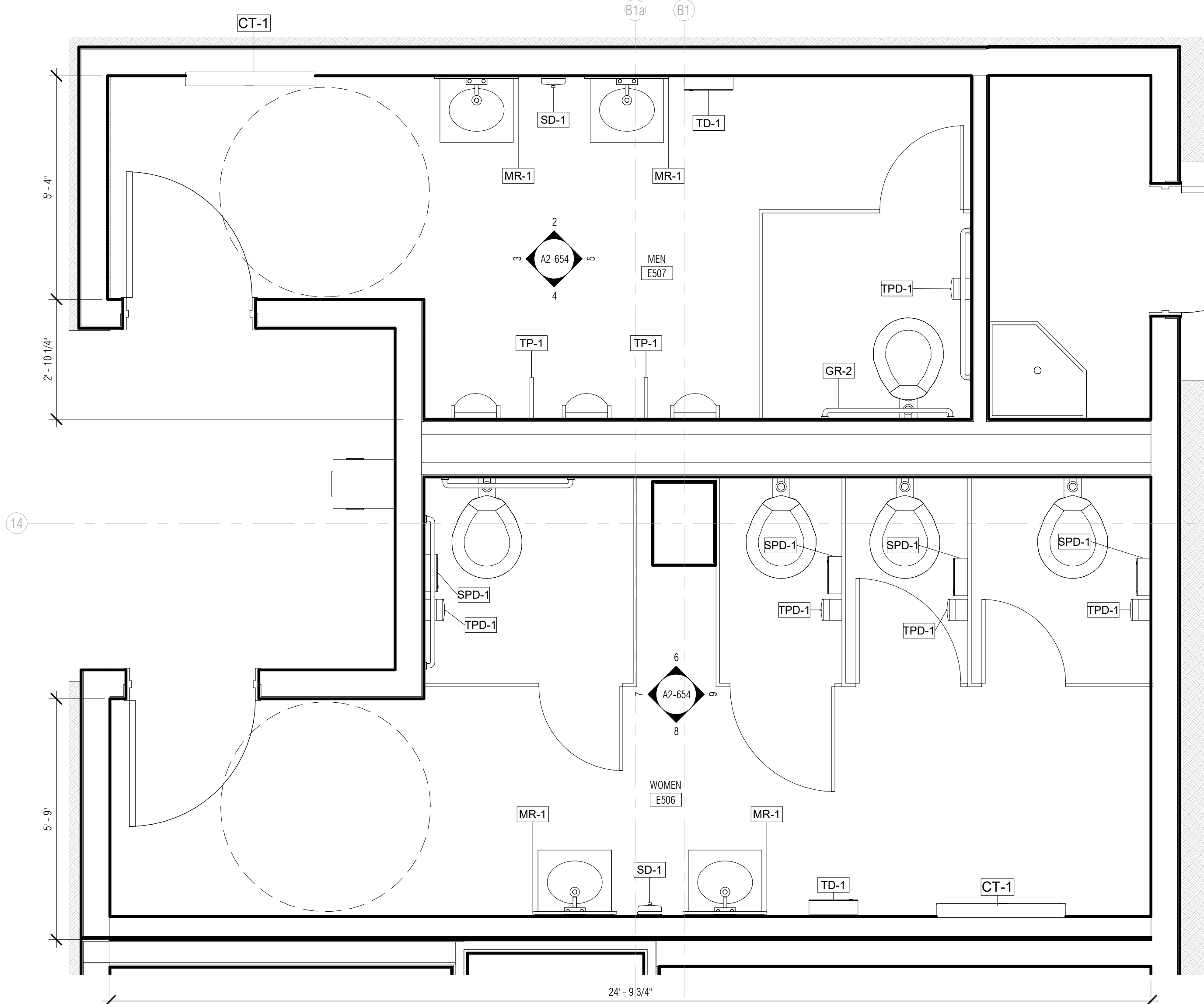
4 MENS E507 - SOUTH  
1/2" = 1'-0"



3 MENS E507 W  
1/2" = 1'-0"



2 MENS E507 - NORTH  
1/2" = 1'-0"



1 BATHROOM E506 AND E507 - ENLARGED PLANS  
1/2" = 1'-0"

## ARQUITECTONICA

ARCHITECT:  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

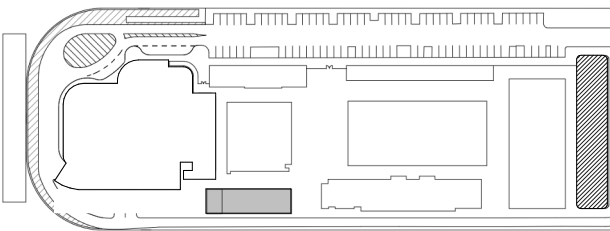
STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

MEP/FP ENGINEERS:  
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

CIVIL ENGINEER:  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF - EAST BUILDING**  
501 Seabreeze Blvd., Fort Lauderdale, FL 33316

KEY PLAN:



DESCRIPTION DATE

NOT FOR  
CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:



DRAWING TITLE  
LVL 05 RESTROOMS

PROJECT NUMBER: 010326.000

DATE: 06/17/2022

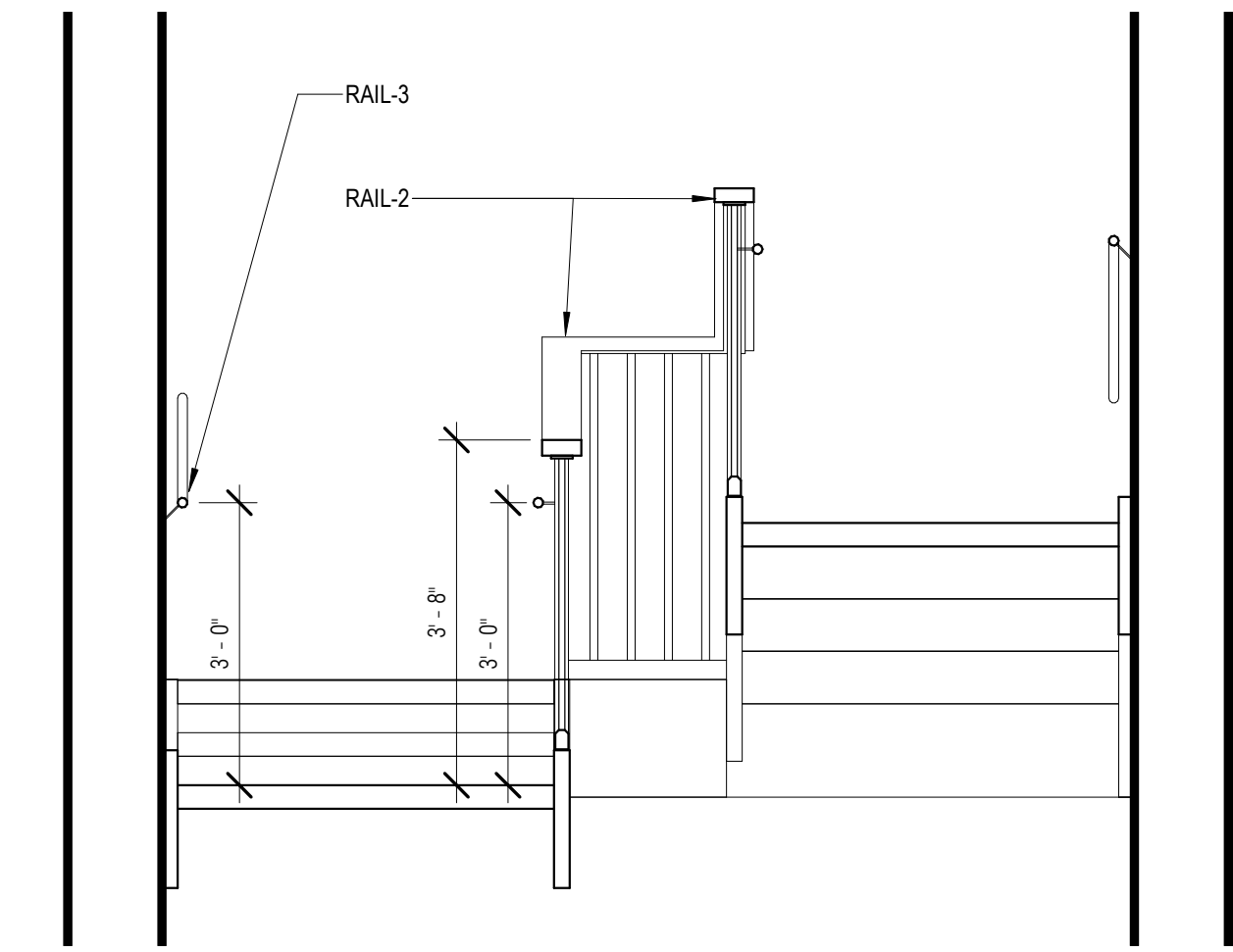
SCALE: 1/2" = 1'-0"

SHEET

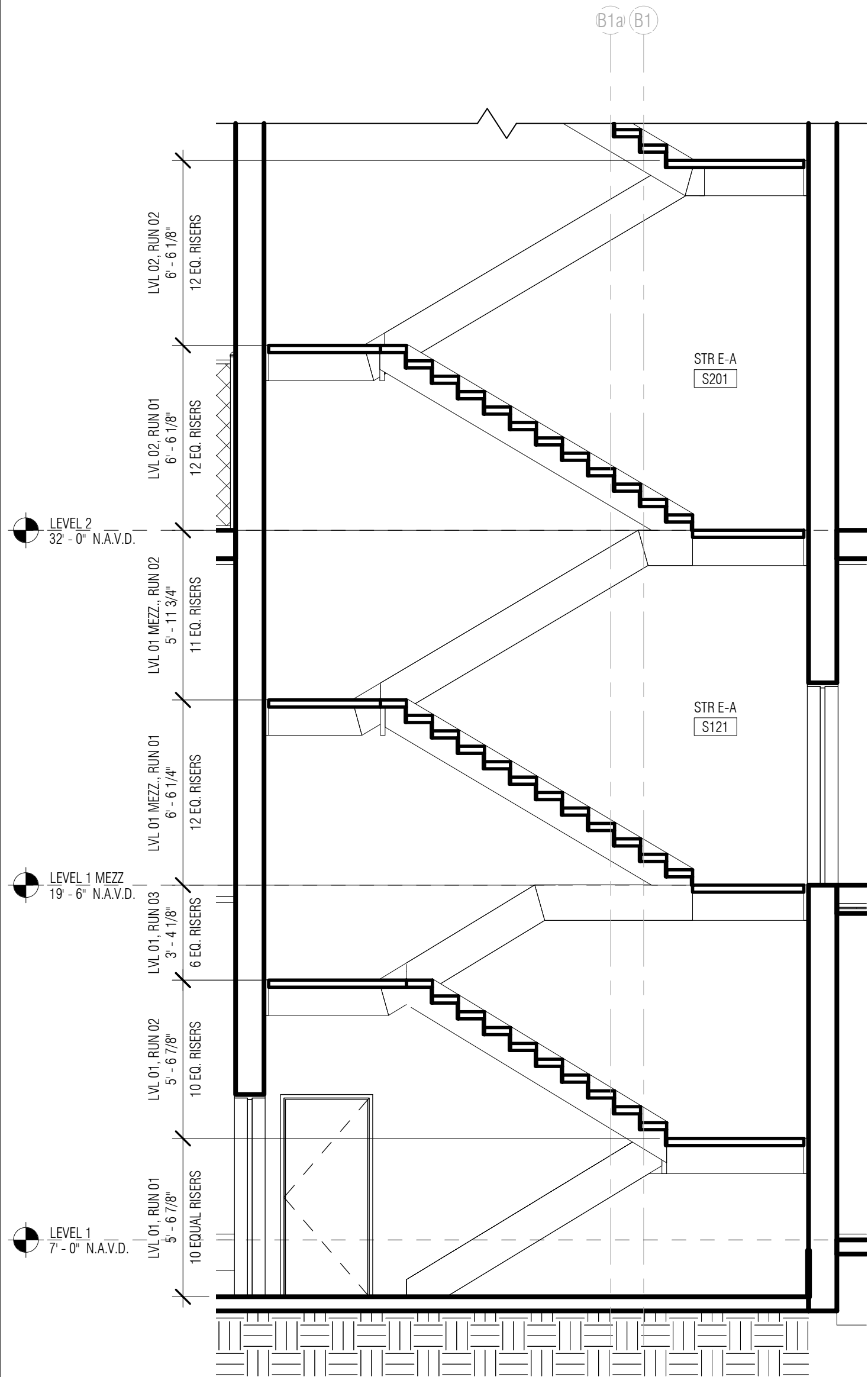
**A2-654**

CAM 23-0723  
Exhibit 1L  
Page 24 of 171

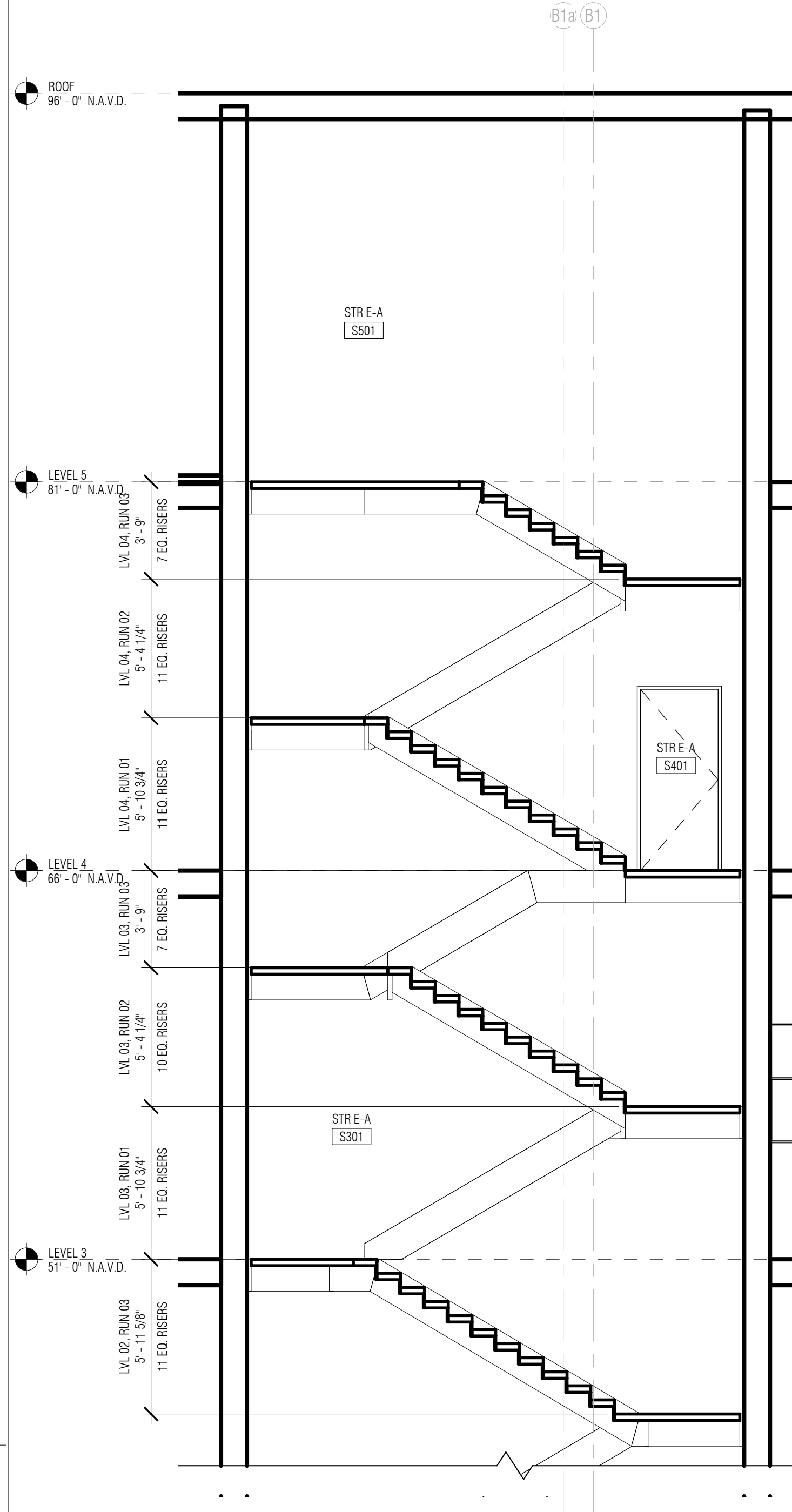




10 TYPICAL CROSS SECTION WITH RAILINGS  
1/2" = 1'-0"

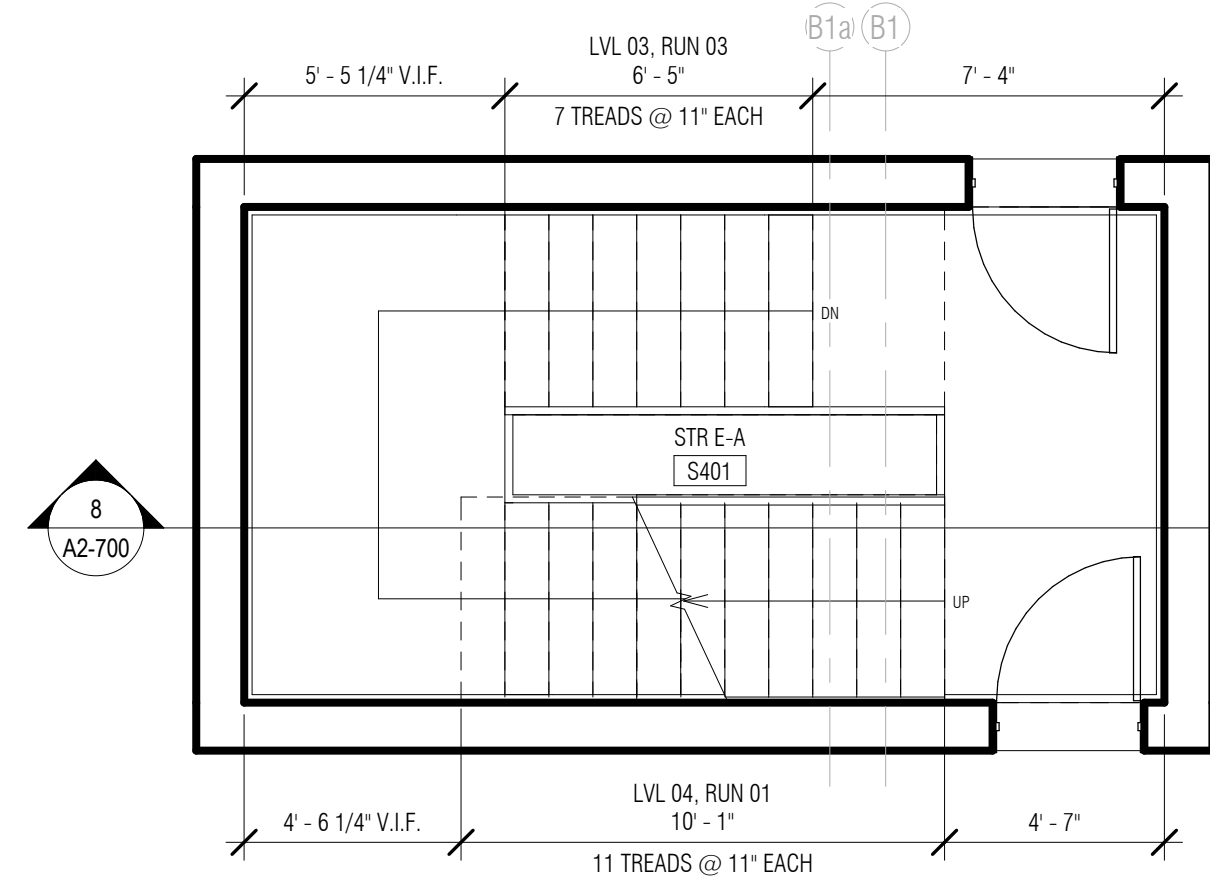


9 STAIR E-A - SECTION @ LOWER LEVELS  
1/4" = 1'-0"

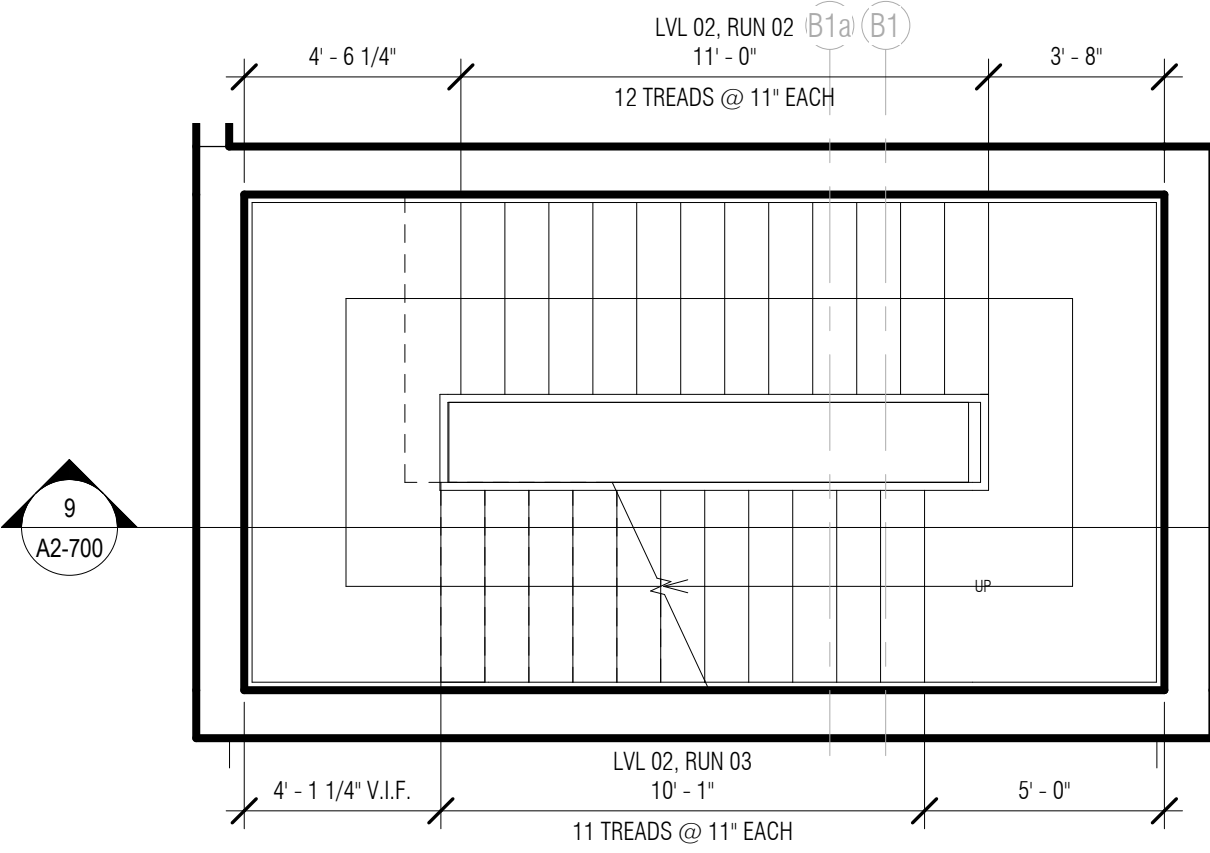


NOTE: RAILINGS NOT SHOWN FOR CLARITY

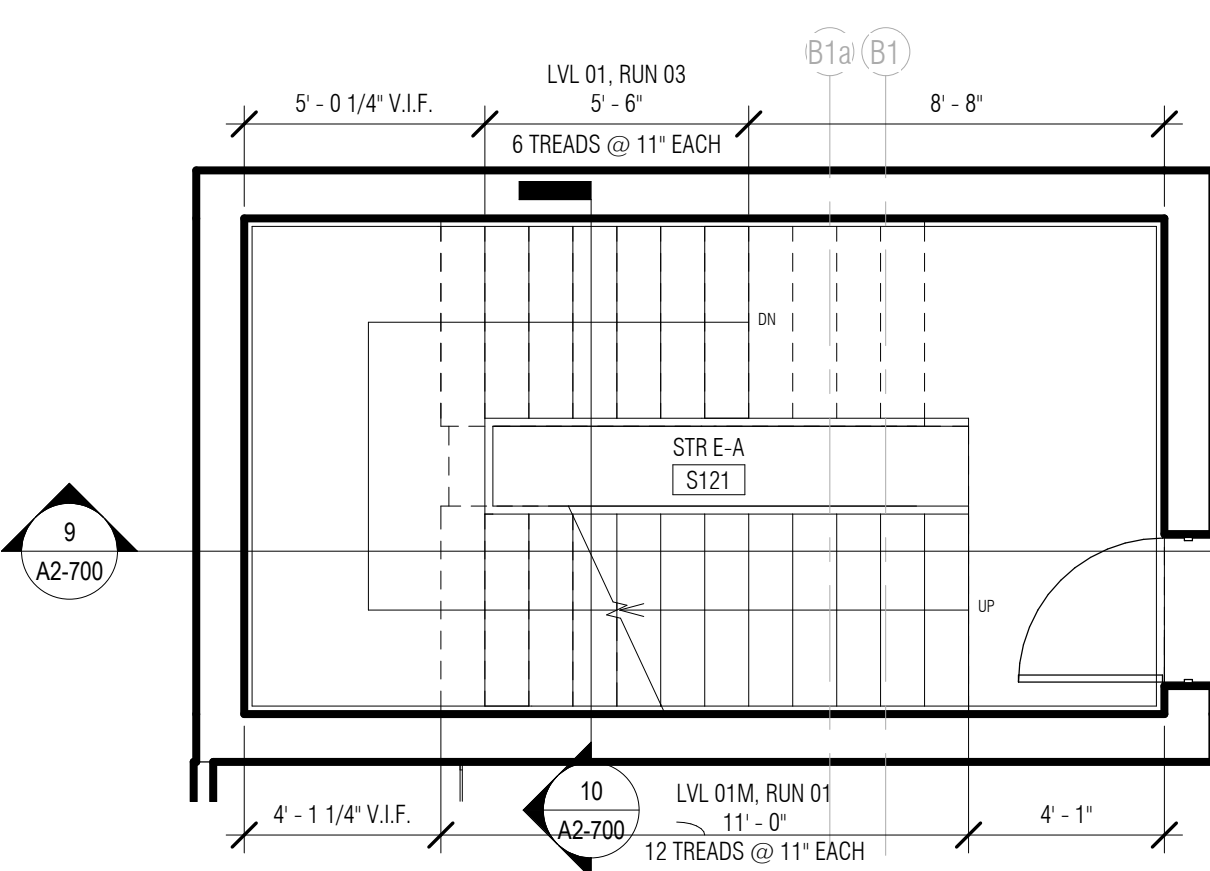
8 STAIR E-A - SECTION @ UPPER LEVELS  
1/4" = 1'-0"



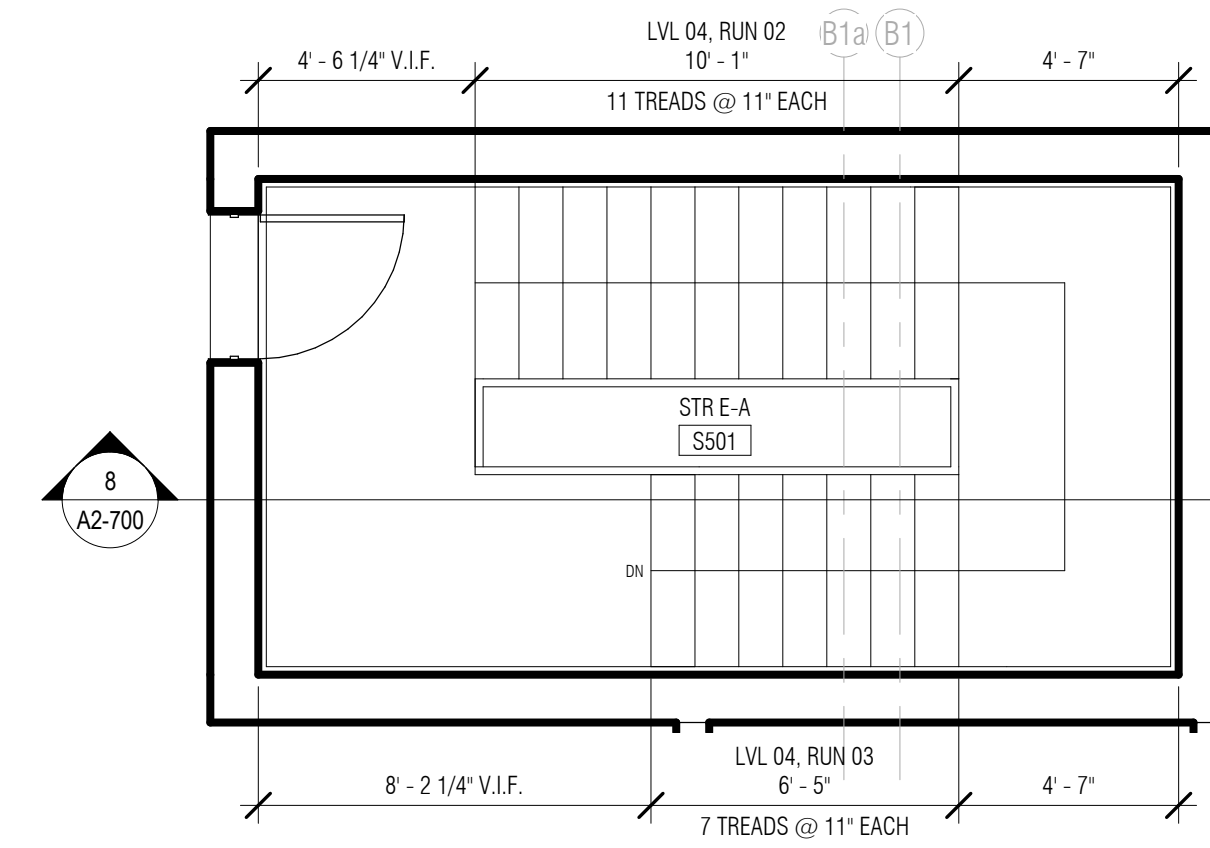
6 STAIR E-A - ENLARGED PLAN - LVL 04  
1/4" = 1'-0"



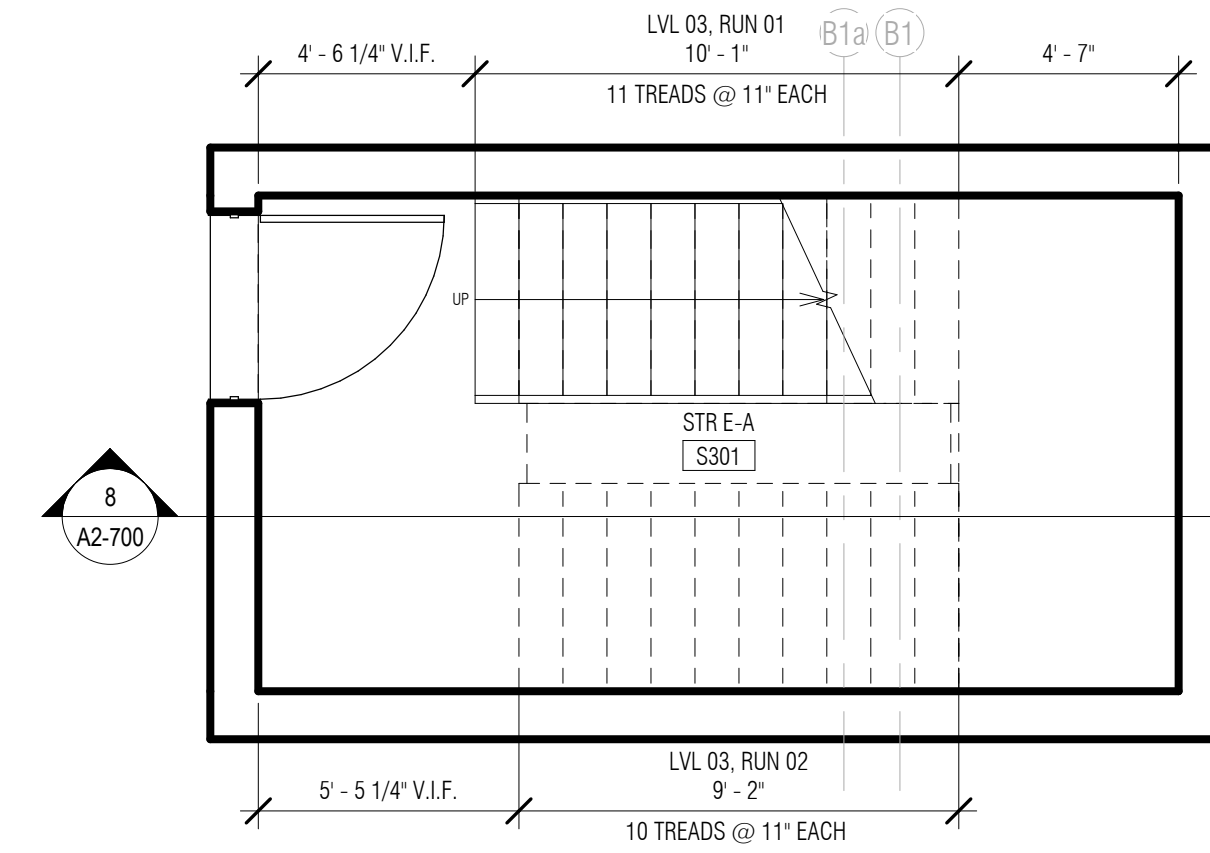
4 STAIR E-A - ENLARGED PLAN - LVL 02 UPPER  
1/4" = 1'-0"



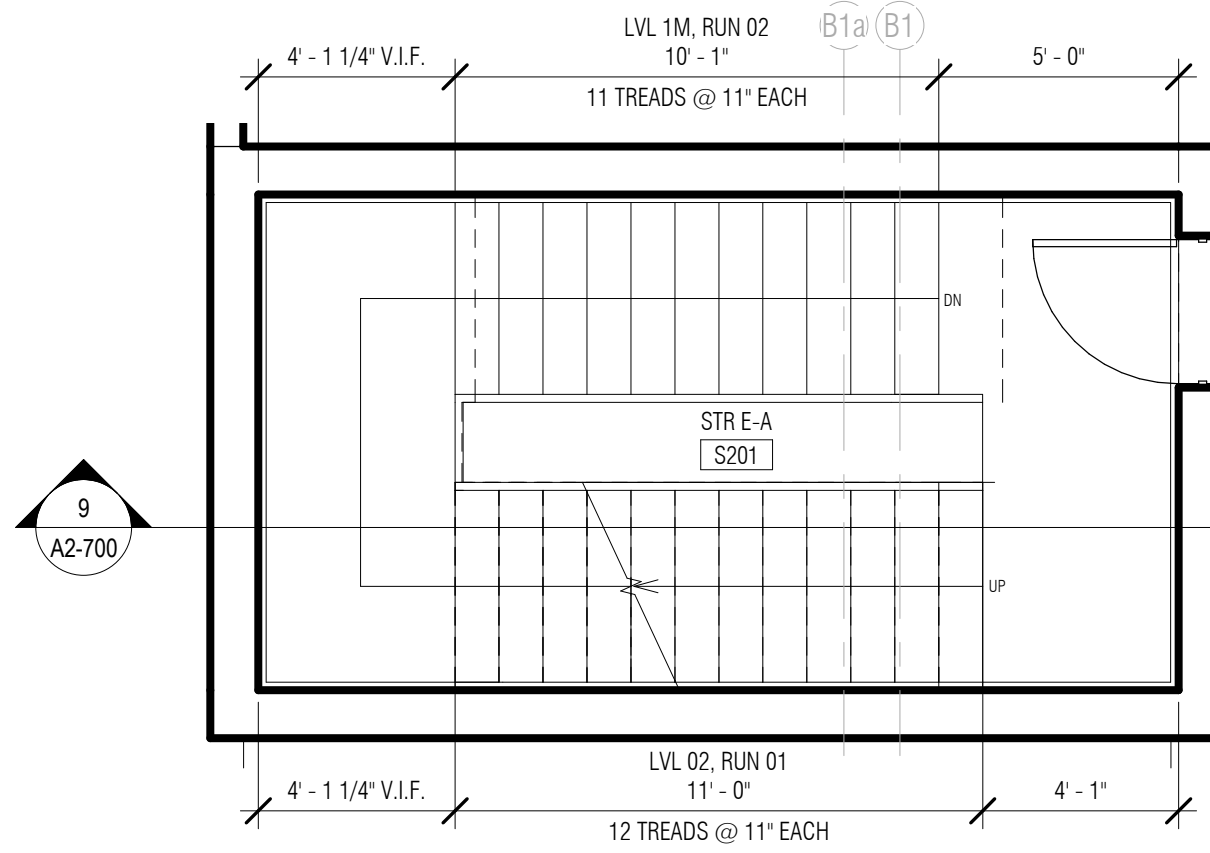
2 STAIR E-A - ENLARGED PLAN - LVL 01 MEZZ.  
1/4" = 1'-0"



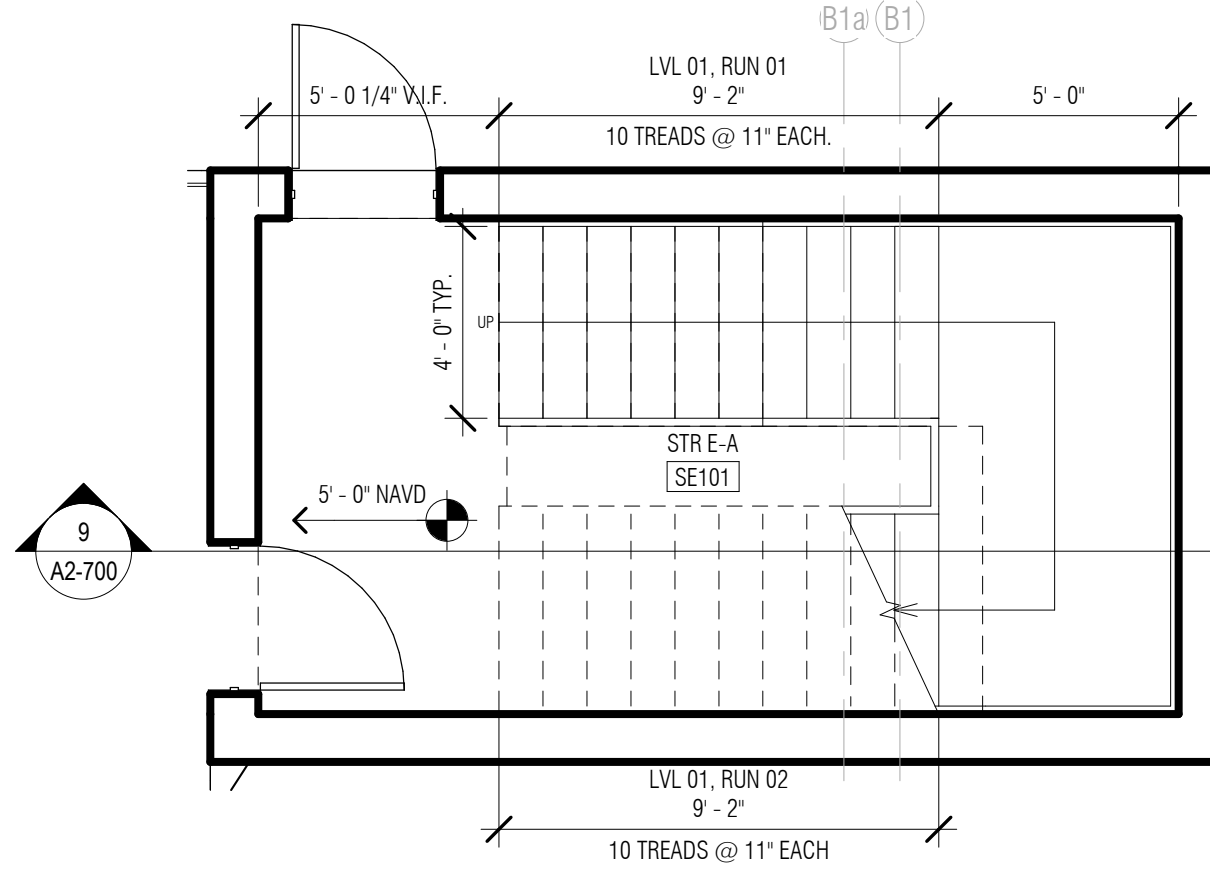
7 STAIR E-A - ENLARGED PLAN - LVL 05  
1/4" = 1'-0"



5 STAIR E-A - ENLARGED PLAN - LVL 03  
1/4" = 1'-0"



3 STAIR E-A - ENLARGED PLAN - LVL 02  
1/4" = 1'-0"



1 STAIR E-A - ENLARGED PLAN - LVL 01  
1/4" = 1'-0"

# ARQUITECTONICA

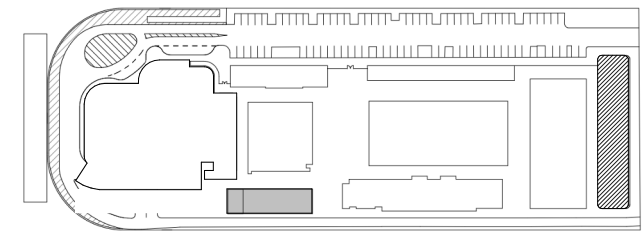
ARCHITECT:  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

MEP/FP ENGINEERS:  
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

CIVIL ENGINEER:  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

KEY PLAN:



DESCRIPTION DATE

NOT FOR  
CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:

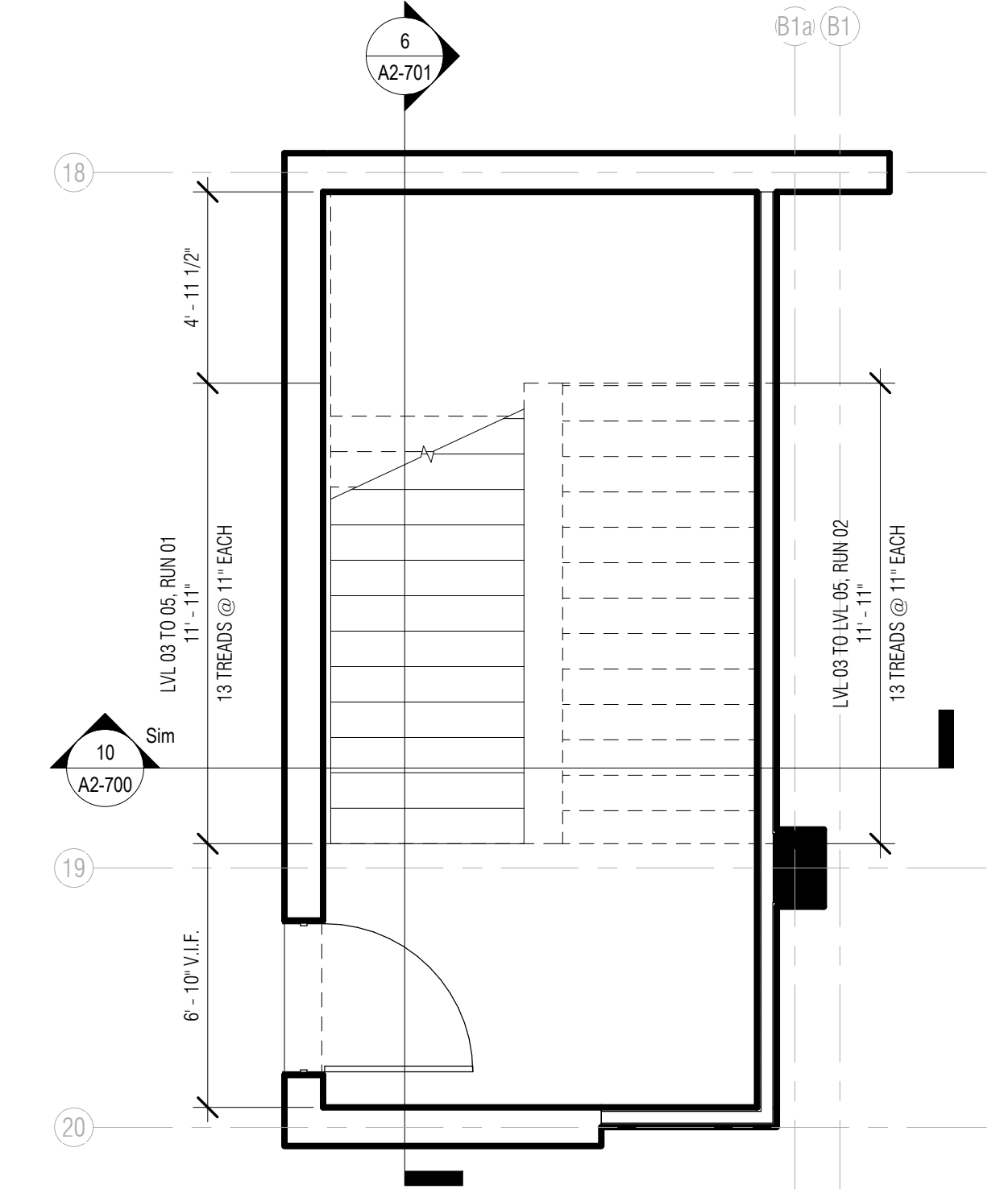
DRAWING TITLE  
STAIR E-A

PROJECT NUMBER: 010326.000  
DATE: 06/17/2022  
SCALE: As indicated

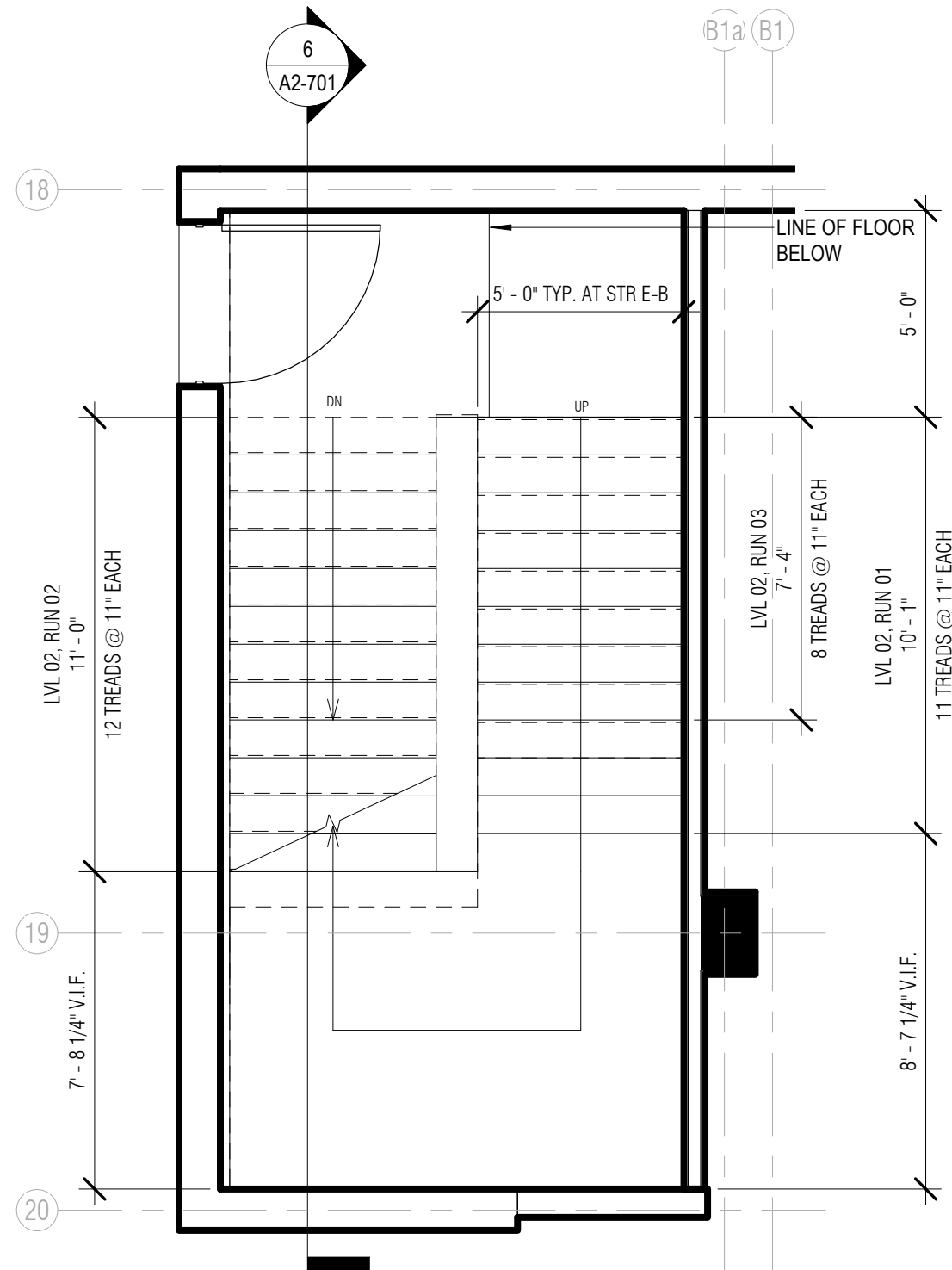
SHEET

A2-700

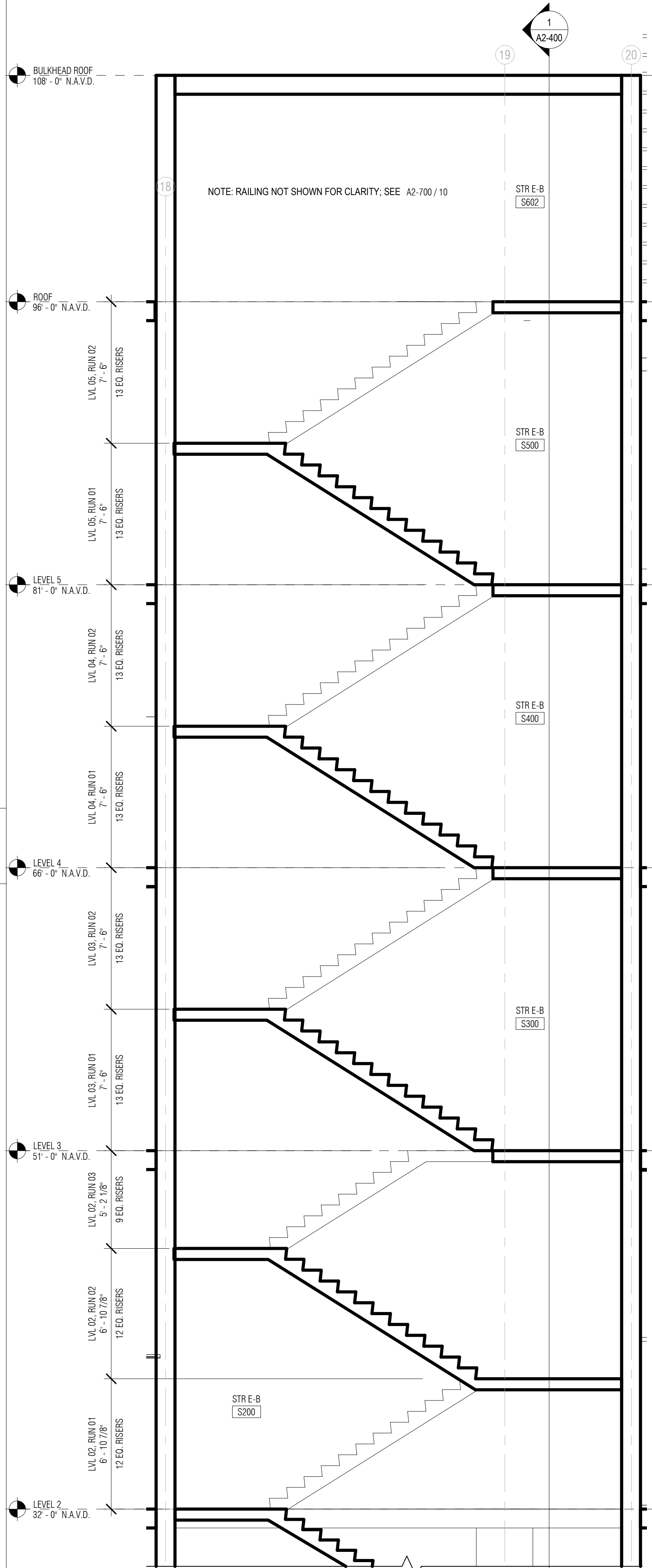




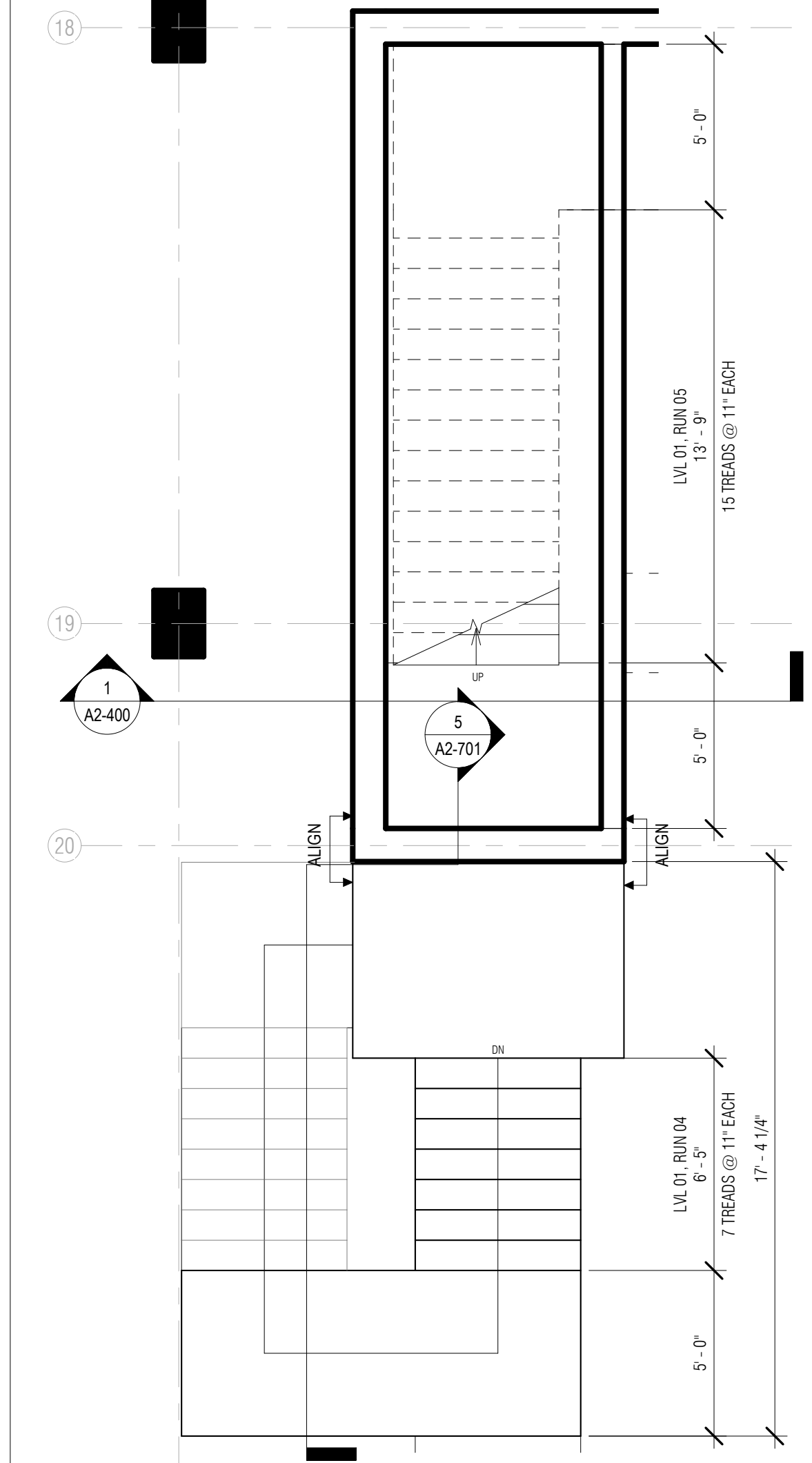
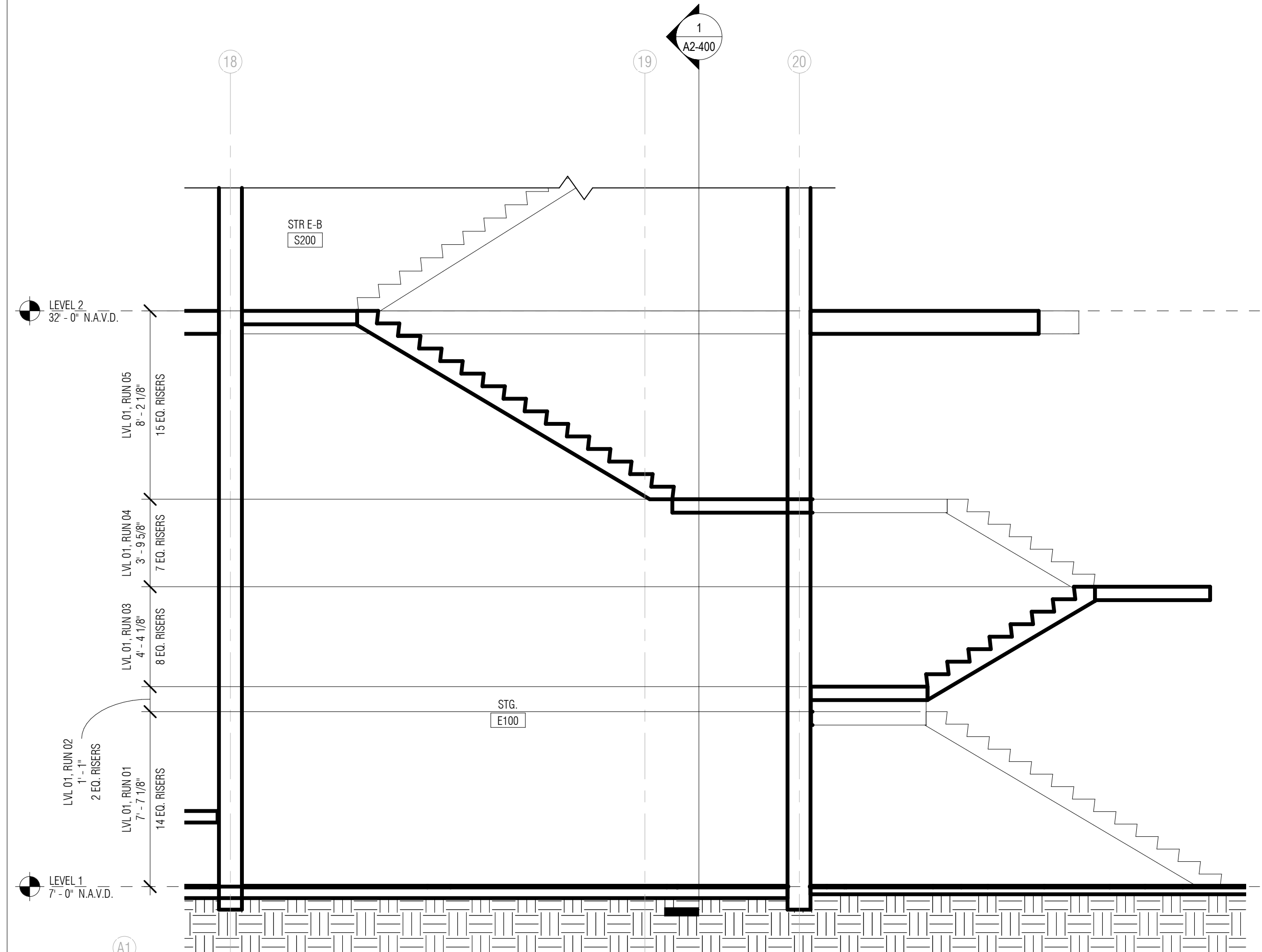
4 STAIR E-B - ENLARGED PLAN - LVL 03 to LVL 05  
1/4" = 1'-0"



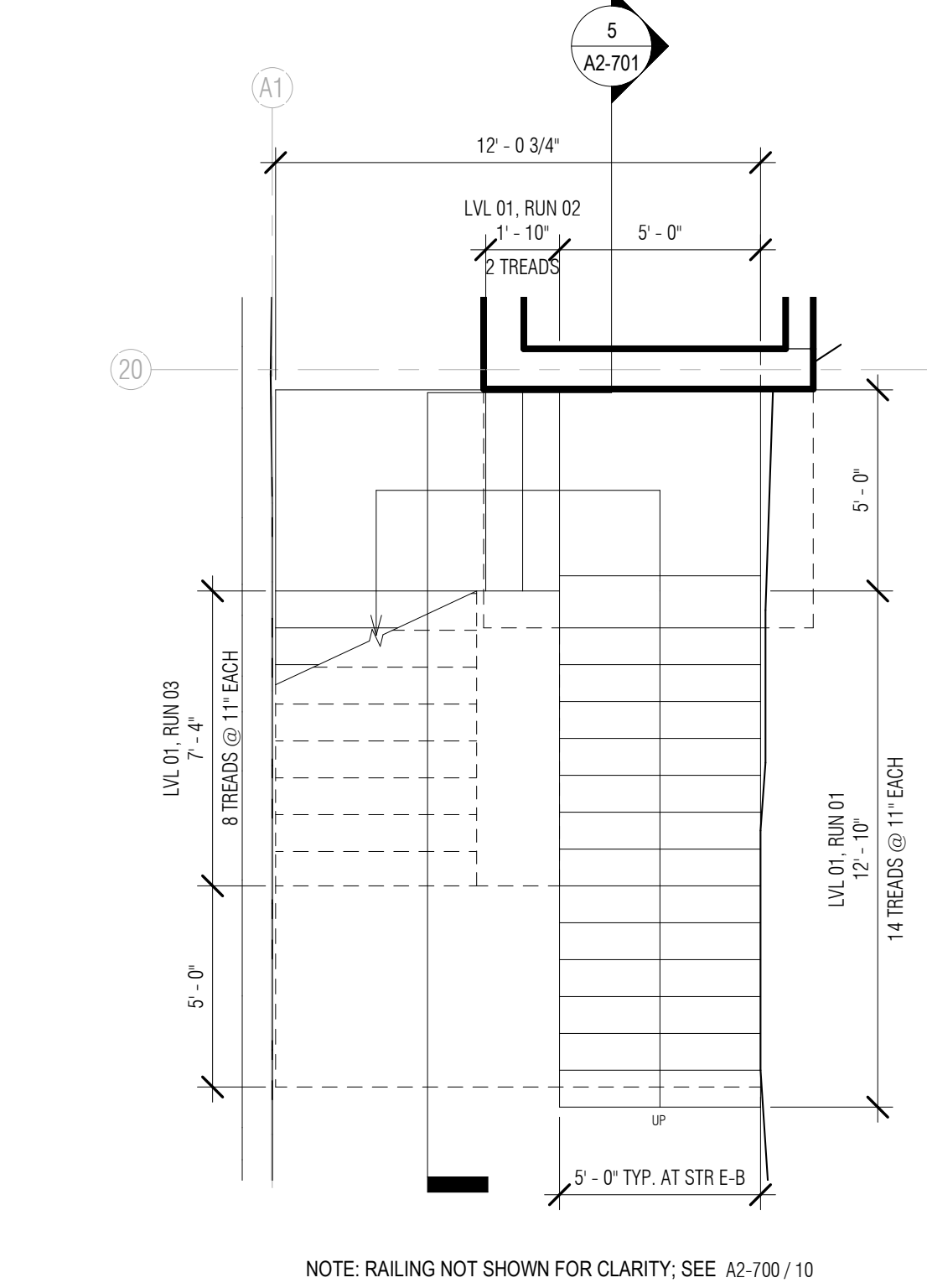
3 STAIR E-B - ENLARGED PLAN - LVL 02  
1/4" = 1'-0"



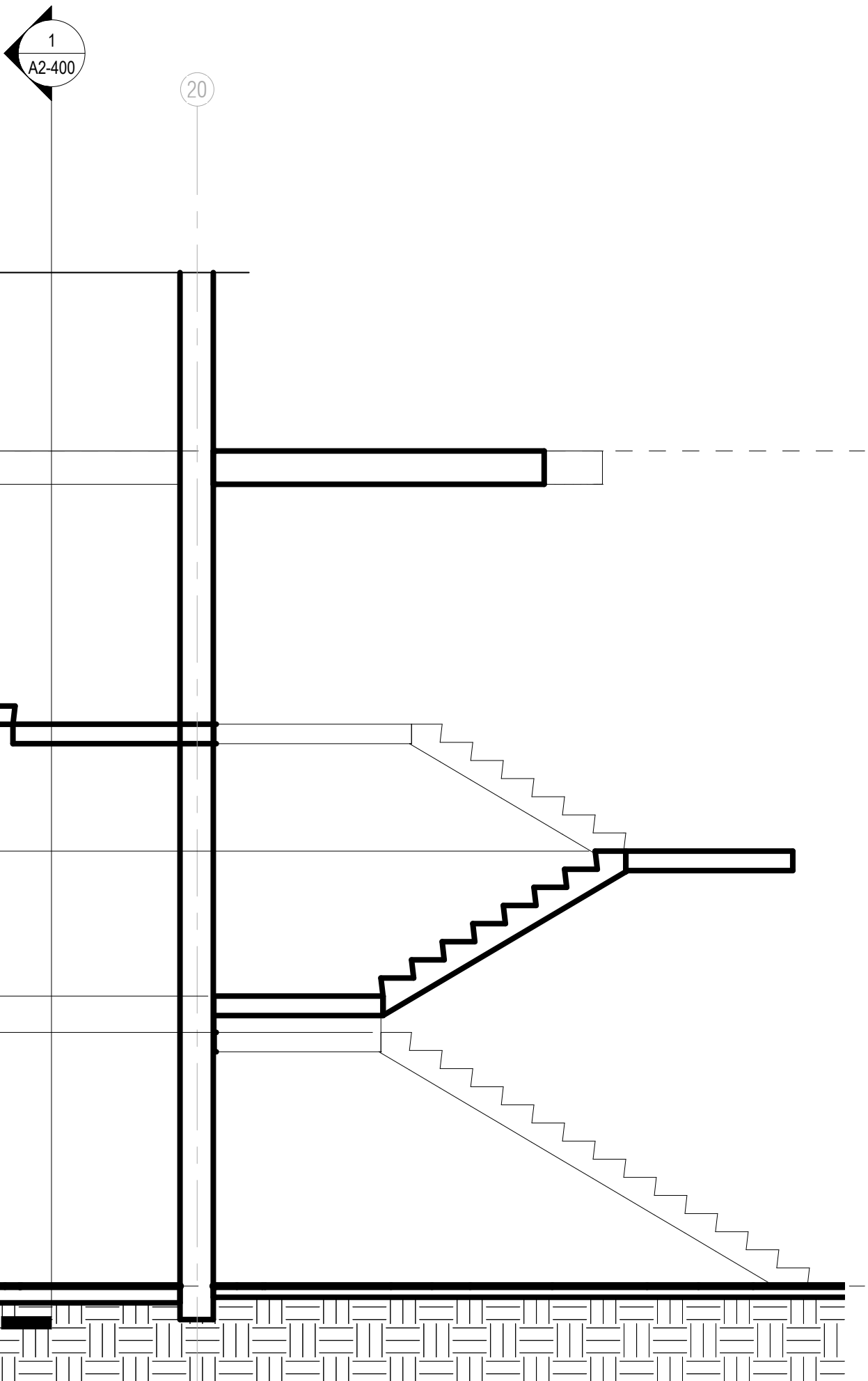
6 STAIR E-B - SECTION @ UPPER FLOORS  
1/4" = 1'-0"



2 STAIR E-B - ENLARGED PLAN - LVL 01 UPPER  
1/4" = 1'-0"



5 STAIR E-B - SECTION @ LOWER LEVELS  
1/4" = 1'-0"



1 STAIR E-B - ENLARGED PLAN - LVL 01 LOWER  
1/4" = 1'-0"

ARQUITECTONICA

ARCHITECT:  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL:305.372.1812

STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL:954.903.9300

MEP/FP ENGINEERS:  
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL:954.949.2200

CIVIL ENGINEER:  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL:954.788.3400

PROJECT

ISHOF - EAST BUILDING  
501 Seabreeze Blvd., Fort Lauderdale, FL 33316

KEY PLAN:

△	DESCRIPTION	DATE
<div>NOT FOR CONSTRUCTION</div>		

SEAL & SIGNATURE

PROJECT NORTH:

DRAWING TITLE  
STAIR E-B

PROJECT NUMBER: 010326.000  
DATE: 06/17/2022  
SCALE: 1/4" = 1'-0"

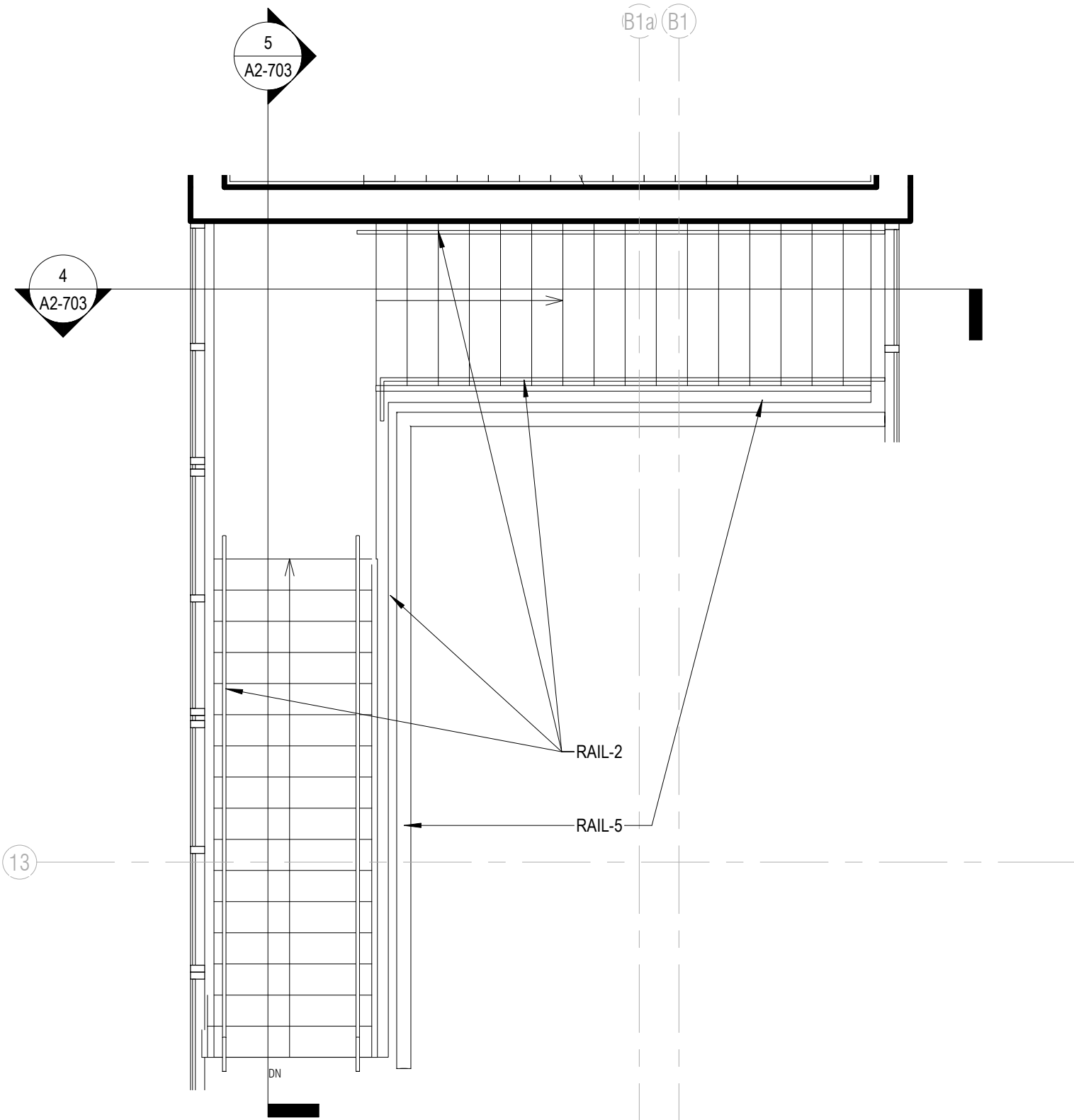
SHEET  
A2-701  
CAM 23-0723  
Exhibit 1L  
Page 26 of 171



3

LVL 02 PLAN - CAFE OPEN STAIR

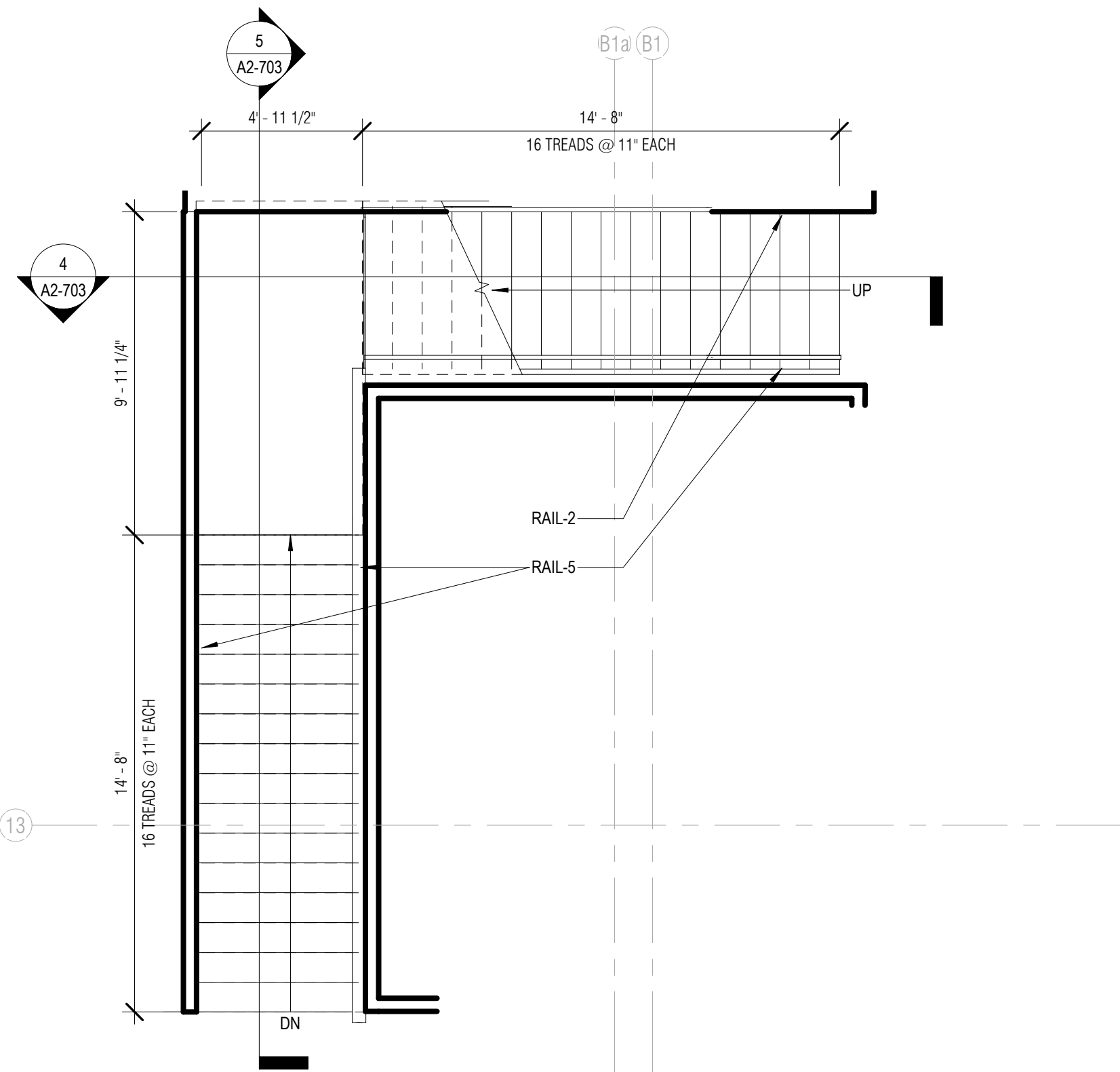
1/4" = 1'-0"



2

LVL 01 MEZZ PLAN - CAFE OPEN STAIR

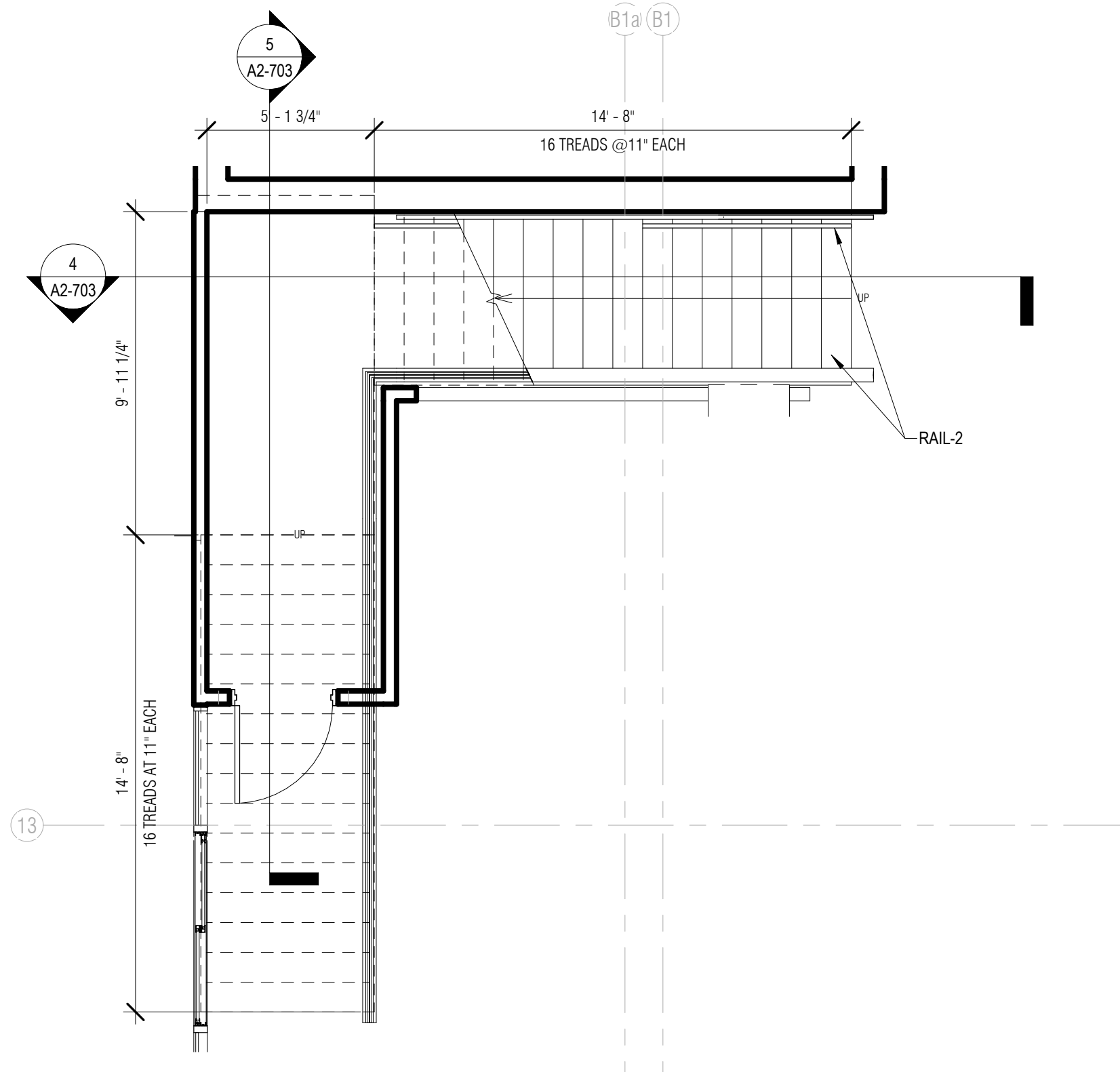
1/4" = 1'-0"



1

LVL 01 PLAN - CAFE OPEN STAIR

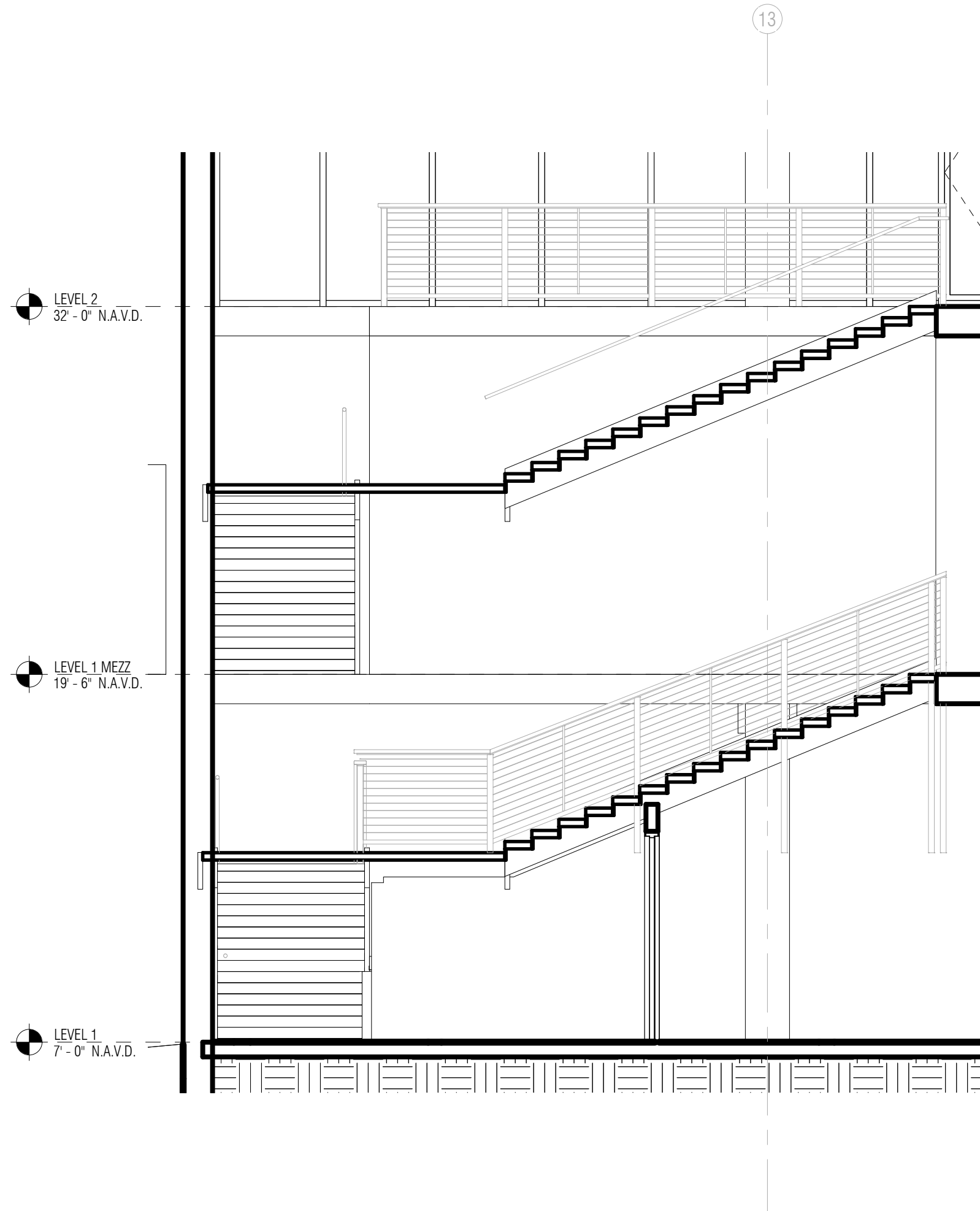
1/4" = 1'-0"



5

NORTH-SOUTH SECTION - CAFE OPEN STAIR

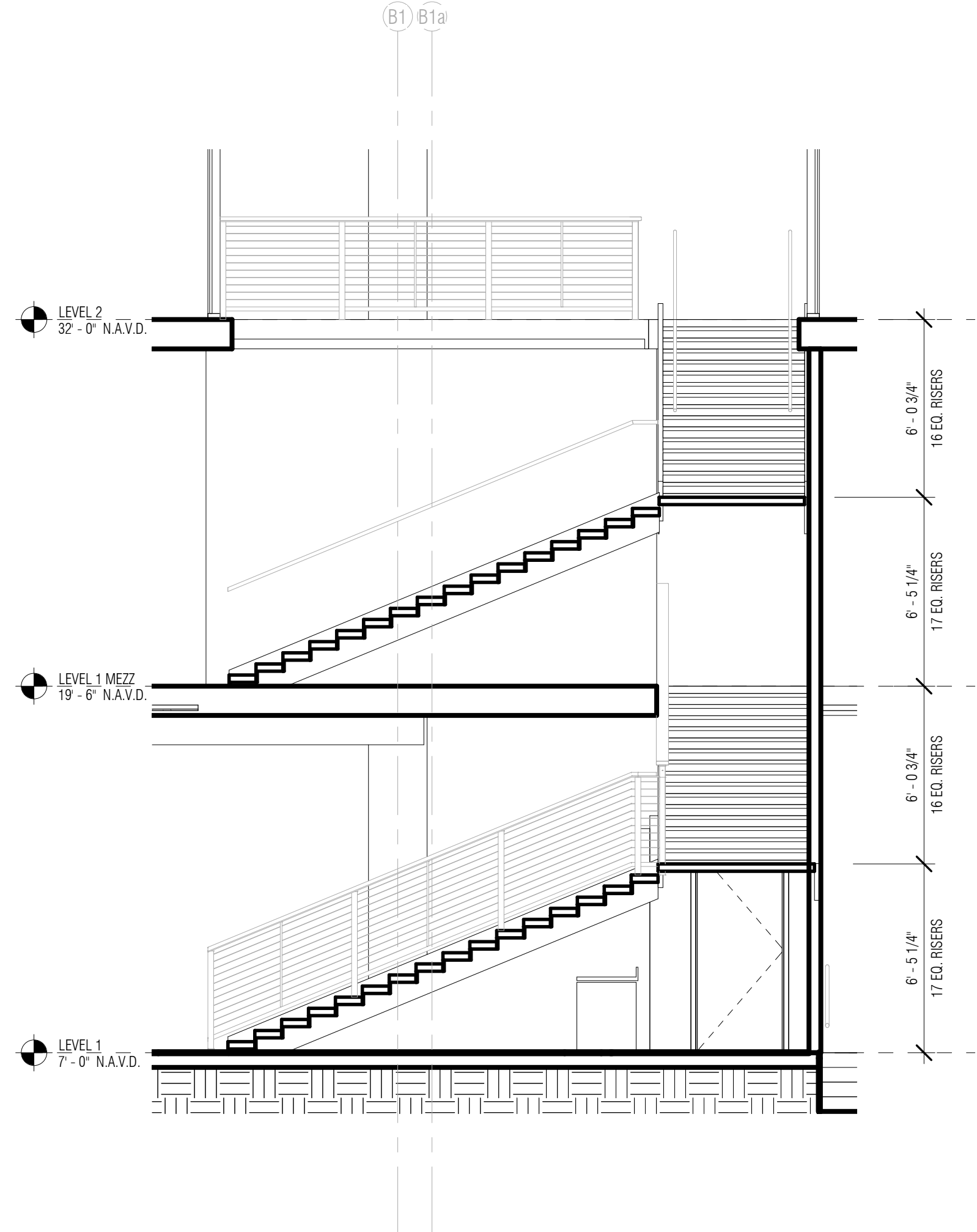
1/4" = 1'-0"



4

EAST-WEST SECTION - CAFE OPEN STAIR

1/4" = 1'-0"



ARQUITECTONICA

ARCHITECT:  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812  
STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300  
MEP/FP ENGINEERS:  
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200  
CIVIL ENGINEER:  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
ISHOF - EAST BUILDING  
501 Seabreeze Blvd., Fort Lauderdale, FL 33316

KEY PLAN:

△	DESCRIPTION	DATE
NOT FOR CONSTRUCTION		

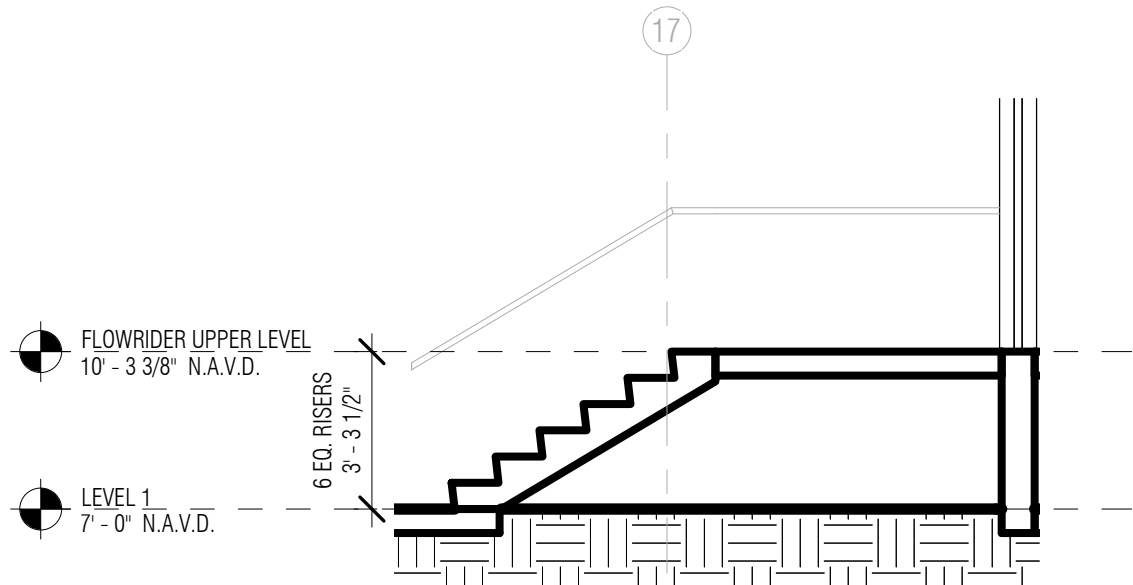
SEAL & SIGNATURE

PROJECT NORTH:

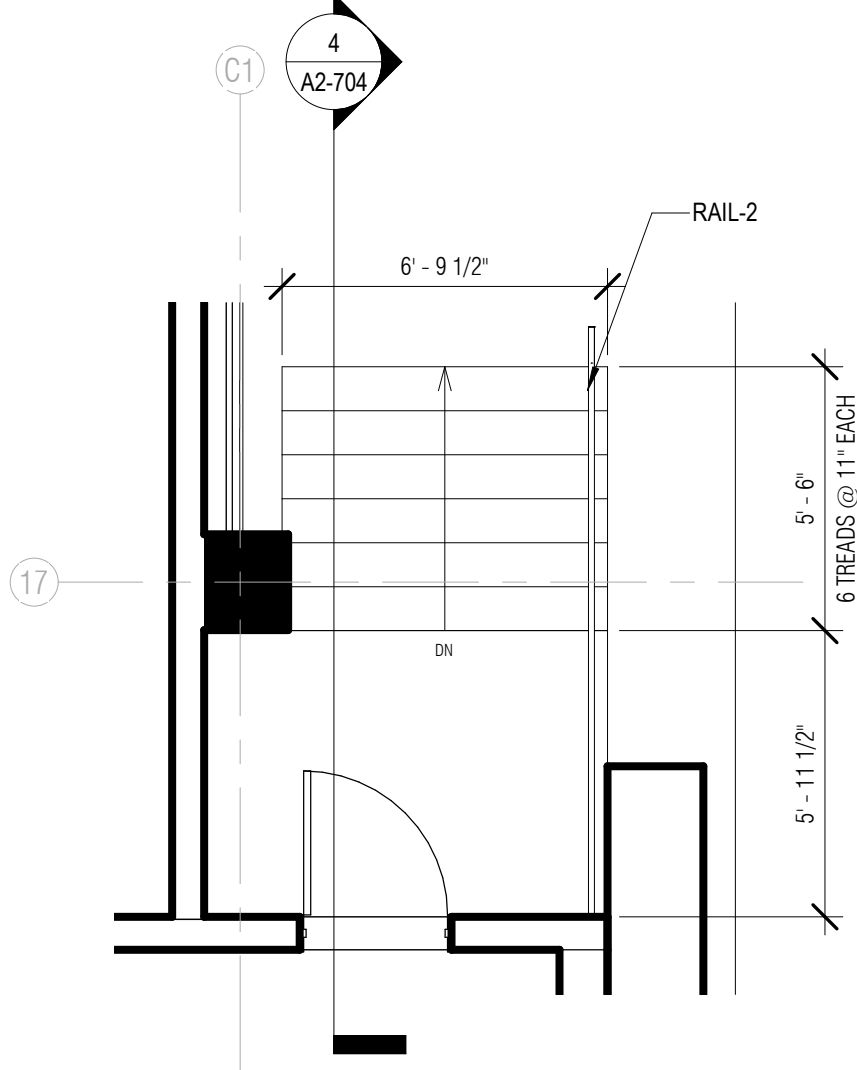
DRAWING TITLE  
CAFE OPEN STAIR

PROJECT NUMBER: 010326.000  
DATE: 06/17/2022  
SCALE: 1/4" = 1'-0"  
SHEET  
A2-703  
CAM 23-0723  
Exhibit 1L  
Page 27 of 171

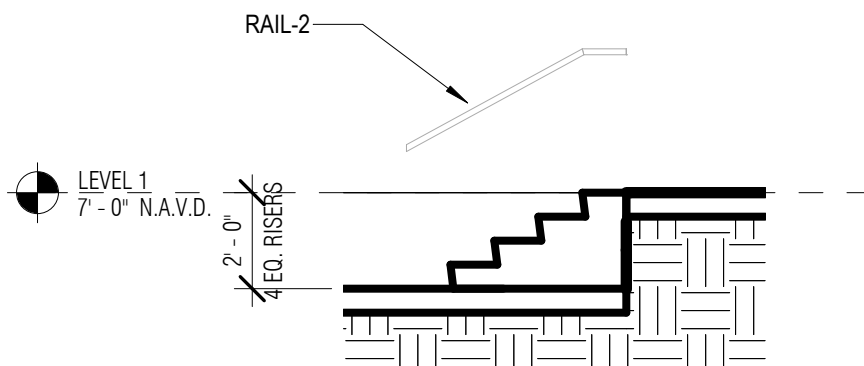




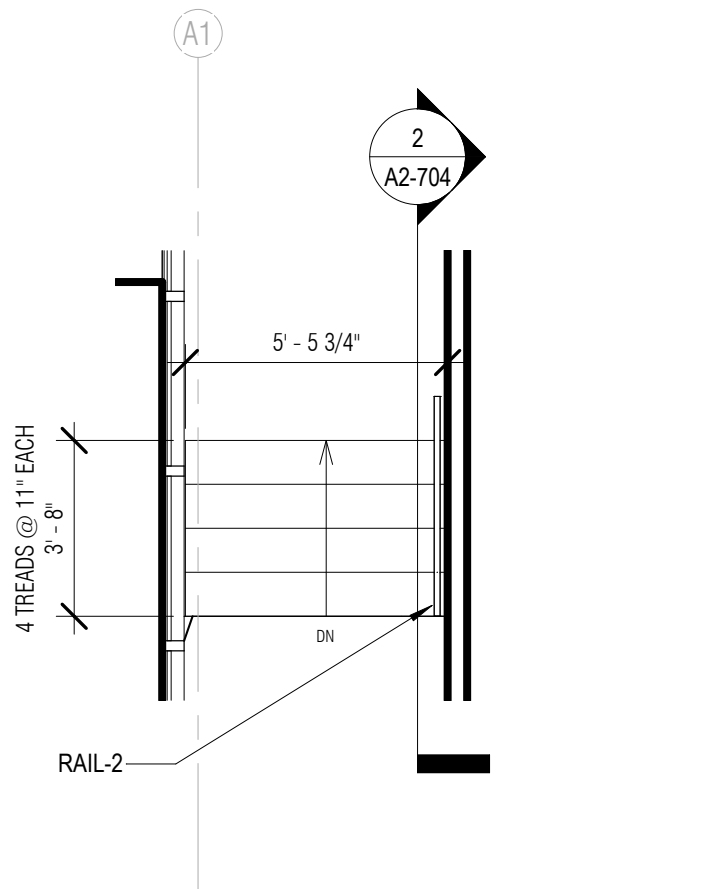
4 ENLARGED SECTION - SE STAIR  
1/4" = 1'-0"



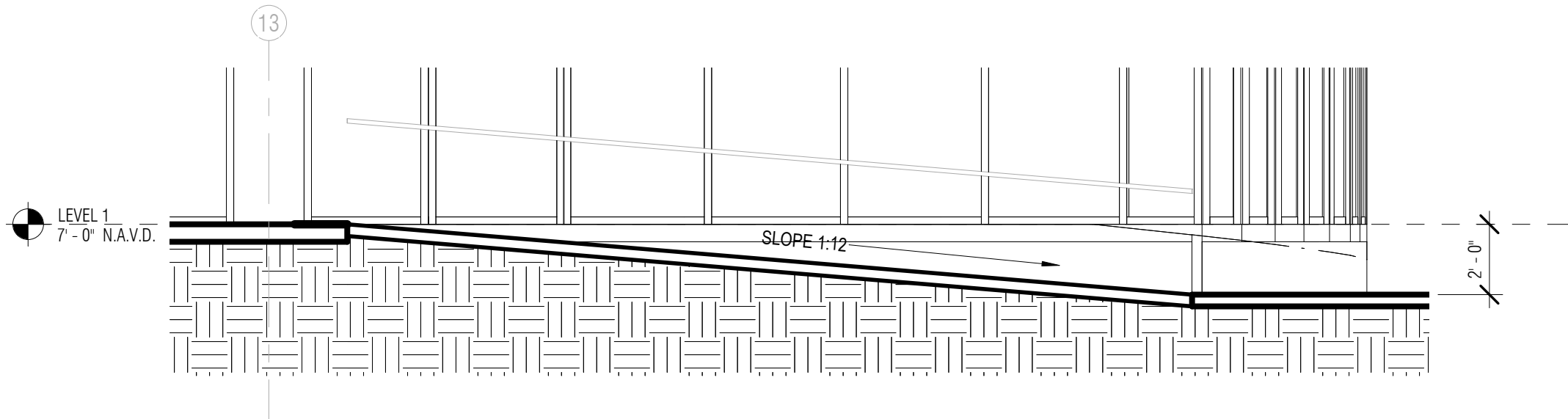
3 PLAN - LVL 01 SE STAIR  
1/4" = 1'-0"



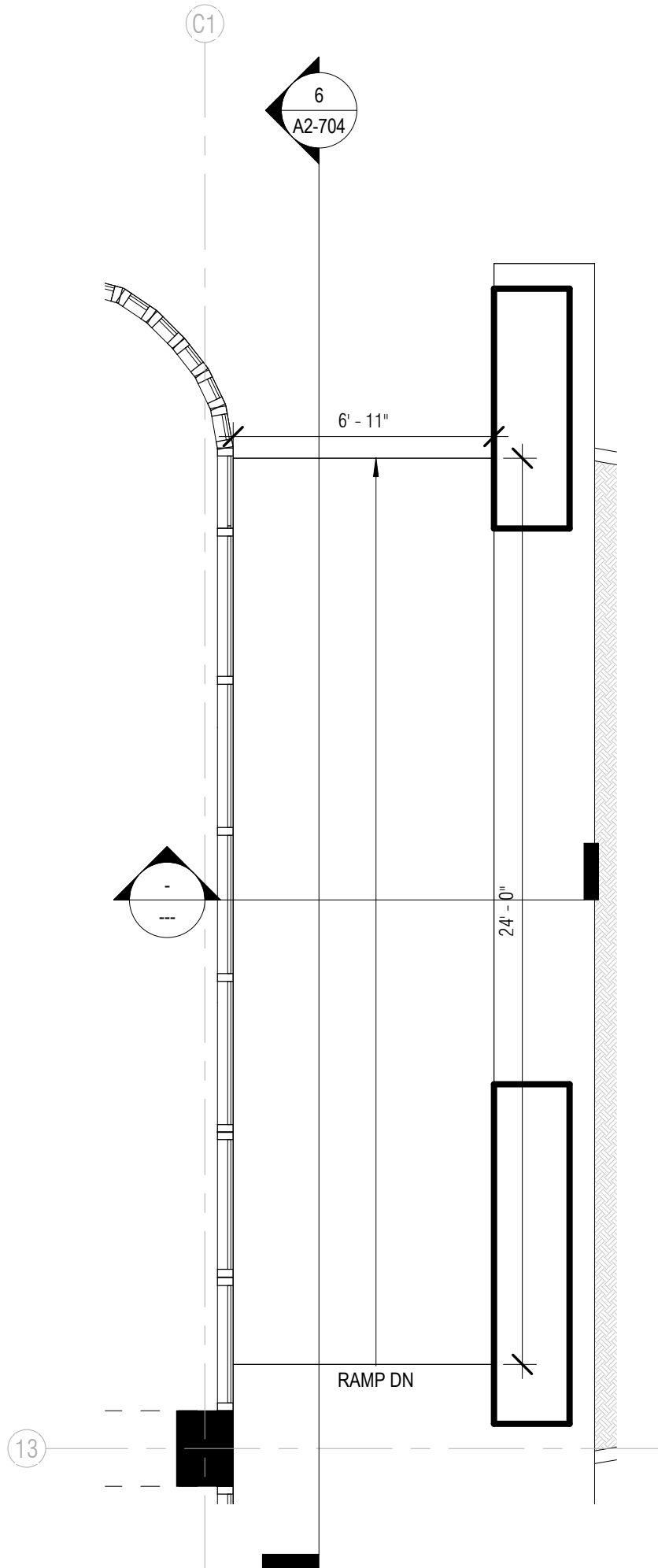
2 SECTION - LVL 01 NW STAIR  
1/4" = 1'-0"



1 PLAN - LVL 01 NW STAIR  
1/4" = 1'-0"



6 SECTION - LVL 01 NE RAMP  
1/4" = 1'-0"



5 PLAN - LVL 01 NE RAMP  
1/4" = 1'-0"

ARQUITECTONICA

ARCHITECT:  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

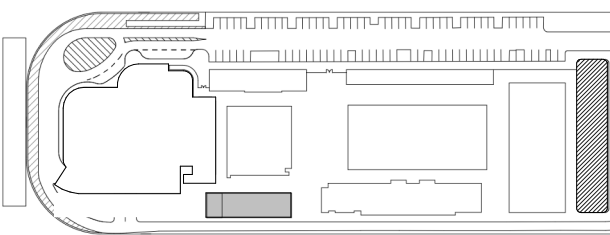
STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

MEP/FP ENGINEERS:  
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

CIVIL ENGINEER:  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF - EAST BUILDING**  
501 Seabreeze Blvd., Fort Lauderdale, FL 33316

KEY PLAN:



△	DESCRIPTION	DATE
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NOT FOR  
CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:



DRAWING TITLE  
MISC. STAIRS AND RAMP

PROJECT NUMBER: 010326.000

DATE: 06/17/2022

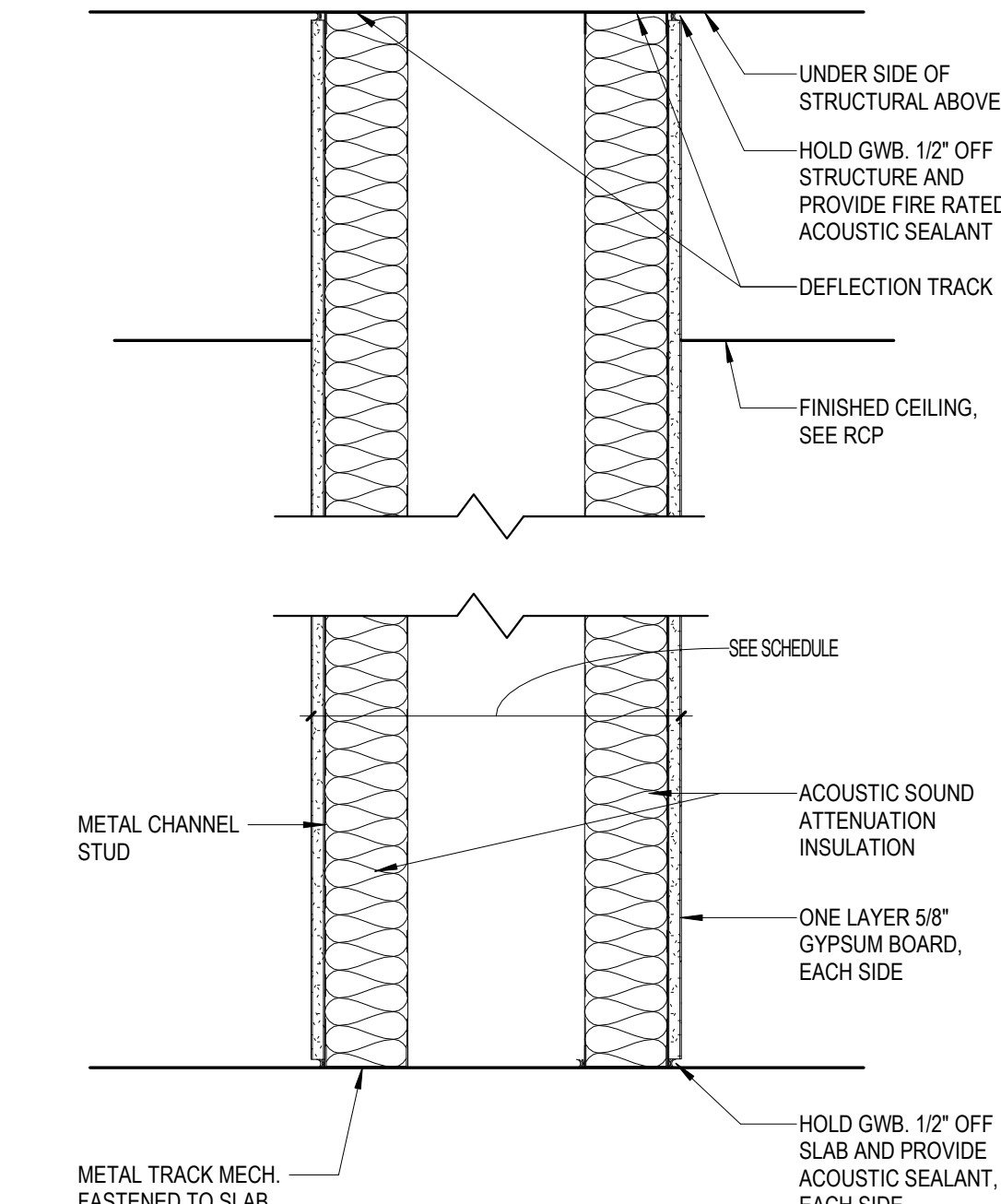
SCALE: 1/4" = 1'-0"

SHEET

**A2-704**

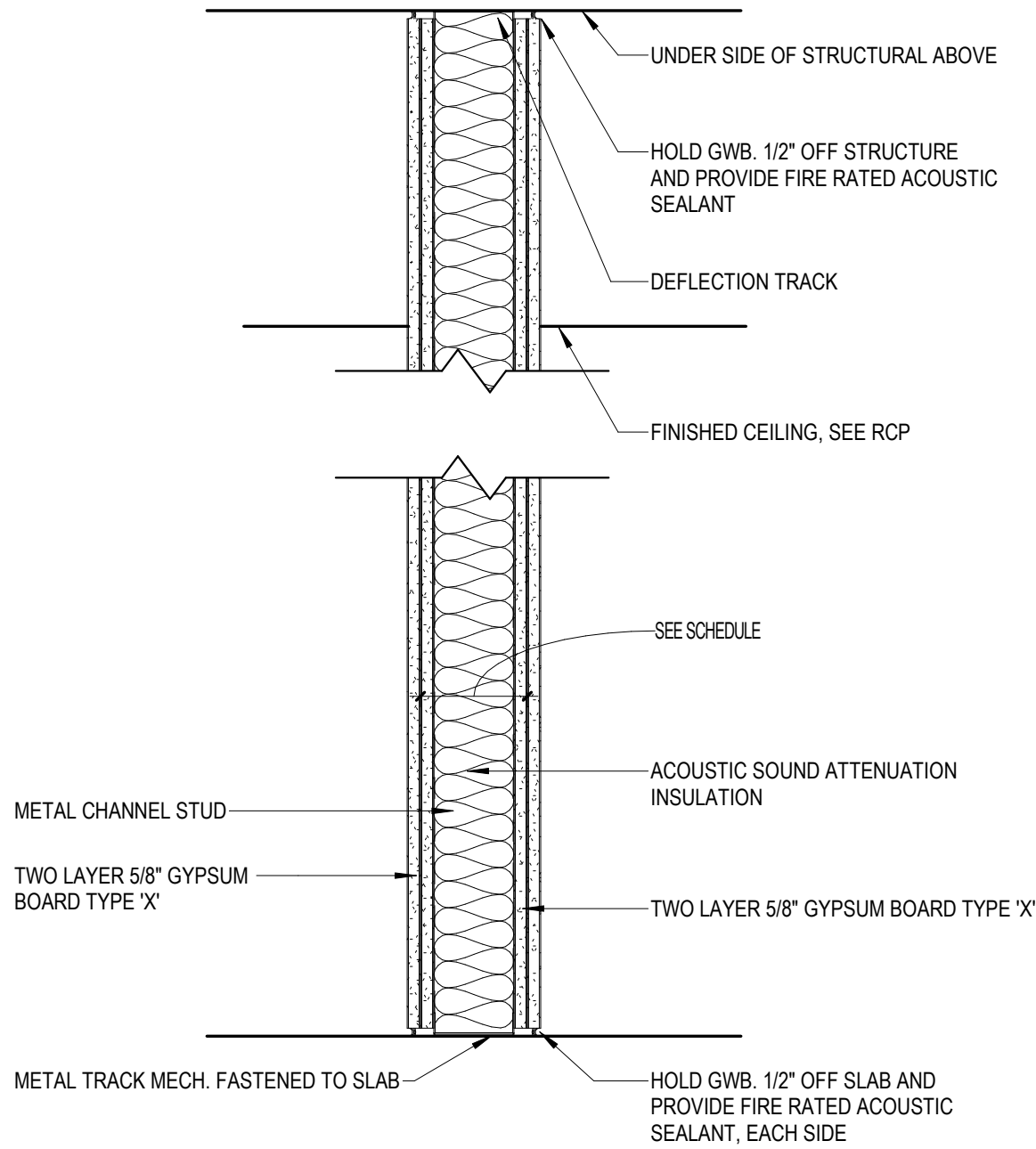


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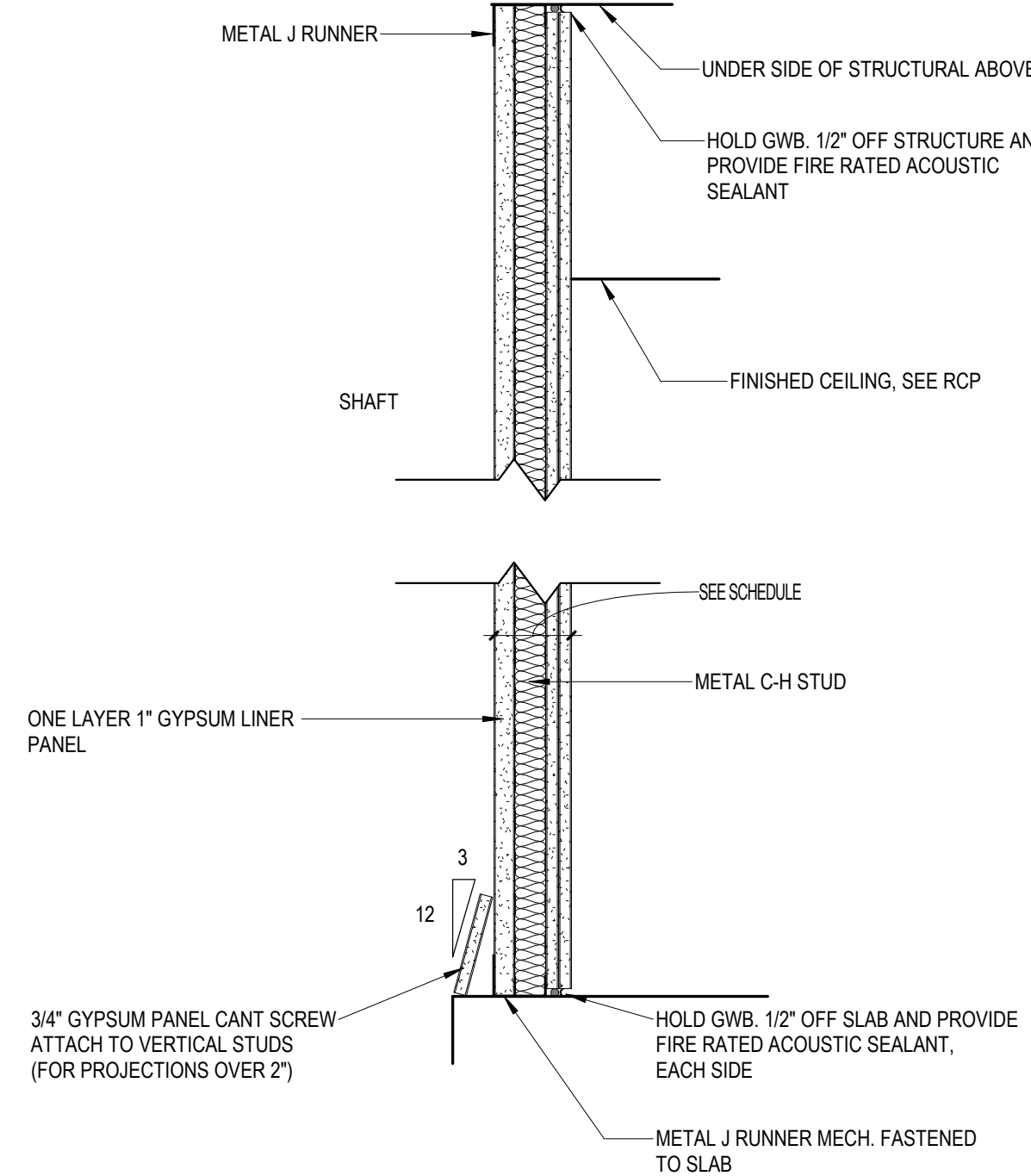
TYPE	STUD TYPE	CLR SPACE BTWN STUDS	PARTITION WIDTH	UL ASSEMBLY
0.45	3 5/8" - 16 GA.	8"	16 1/2"	NA

4. PLUMBING WALL PARTITION



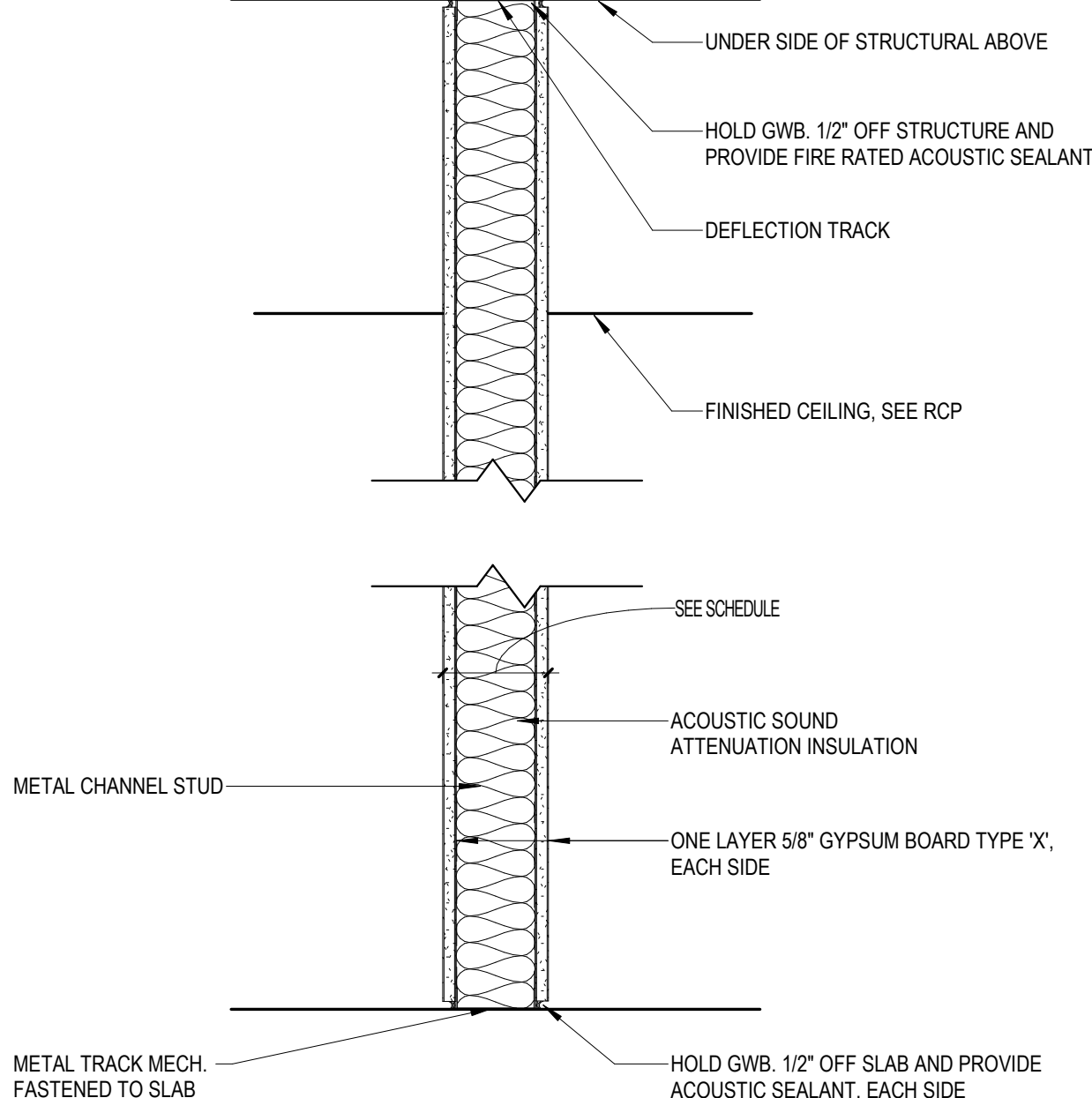
TYPE	STUD TYPE	STUD SPACING	PARTITION WIDTH	UL ASSEMBLY
2.22	2 1/2" - 25 GA.	16 O.C.	3 3/4"	U419
2.42	3 5/8" - 16 GA.	16 O.C.	6 1/8"	U419
2.62	6" - 16 GA.	16 O.C.	8 1/2"	U419

7. TWO HOUR RATED PARTITION



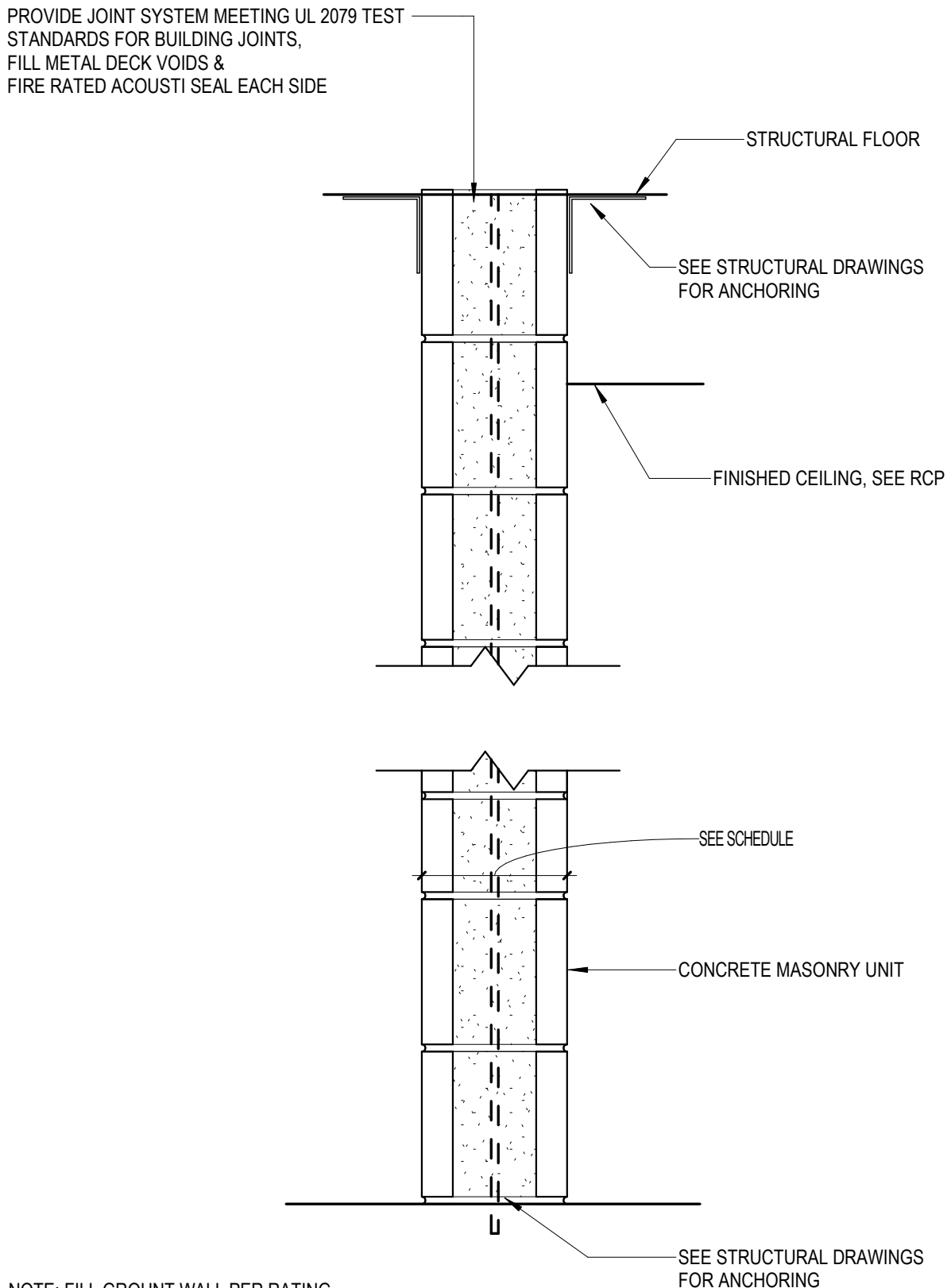
TYPE	STUD TYPE	STUD SPACING	PARTITION WIDTH	UL ASSEMBLY
2.23S	2 1/2" - 25 GA.	16 O.C.	4 3/4"	U415
2.43S	4" - 16 GA.	16 O.C.	6 1/4"	U415
2.63S	6" - 16 GA.	16 O.C.	8 1/4"	U415

3. TWO HOUR SHAFT WALL



TYPE	STUD TYPE	STUD SPACING	PARTITION WIDTH	UL ASSEMBLY
1.42	3 5/8" - 16 GA.	16 O.C.	5 7/8"	U419
1.62	6" - 16 GA.	16 O.C.	7 1/4"	U419

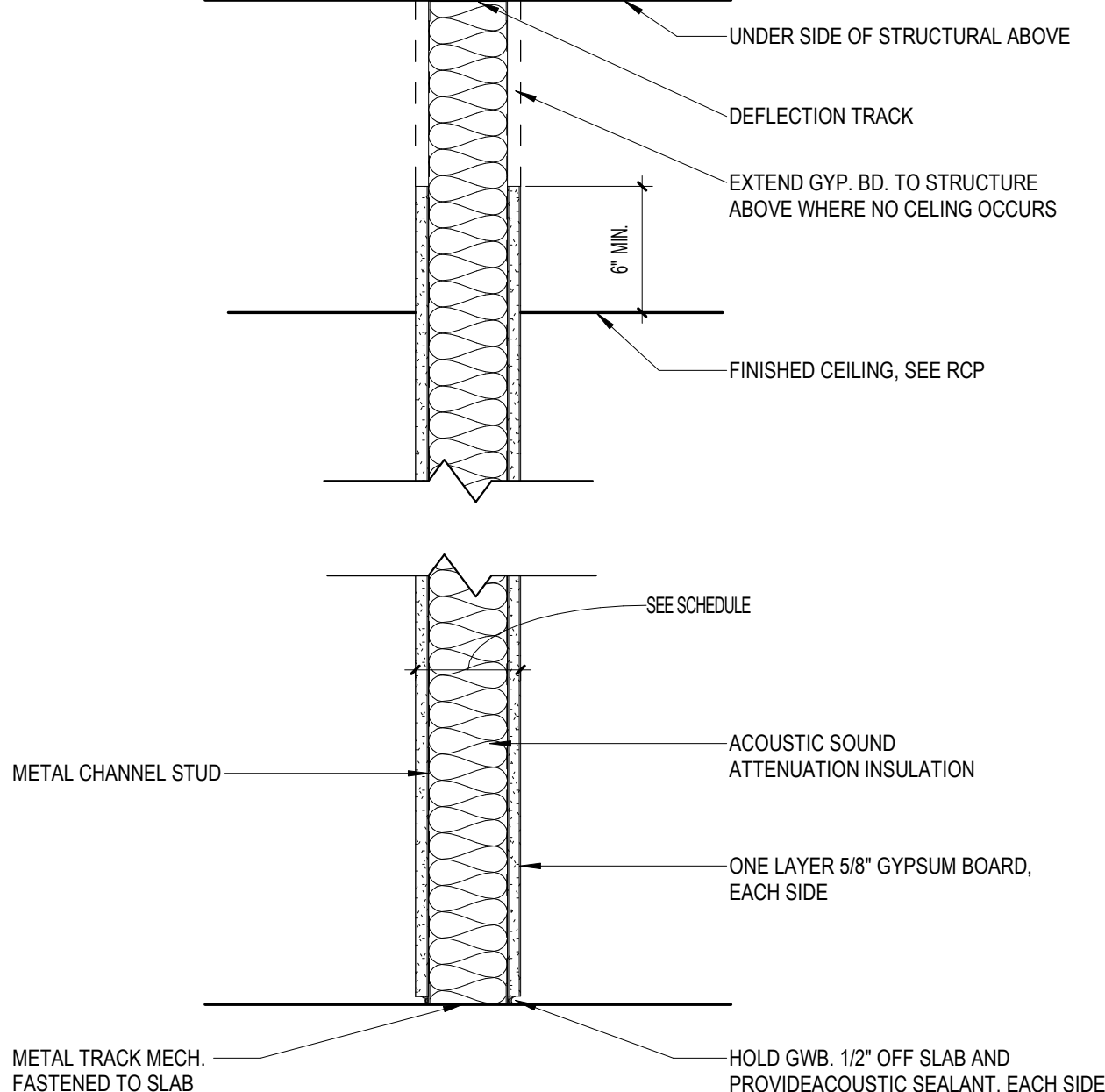
6. ONE HOUR RATED PARTITION



NOTE: FILL GROUT WALL PER RATING

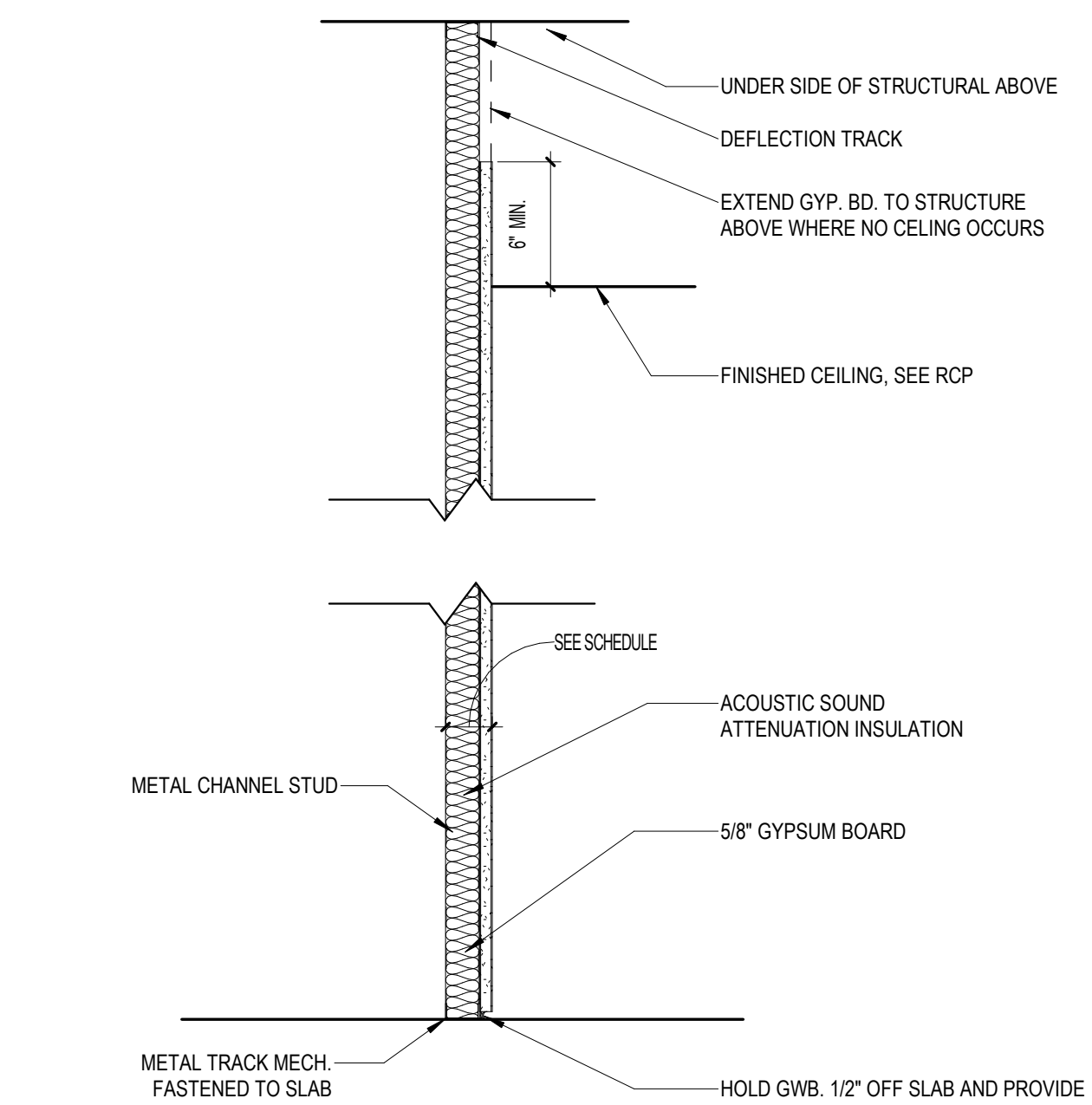
TYPE	MASONRY TYPE	STUD SPACING	PARTITION WIDTH	UL ASSEMBLY
2.64	6" CMU	N/A	5 5/8"	U906
2.84	8" CMU	N/A	7 5/8"	U905

2. MASONRY PARTITION



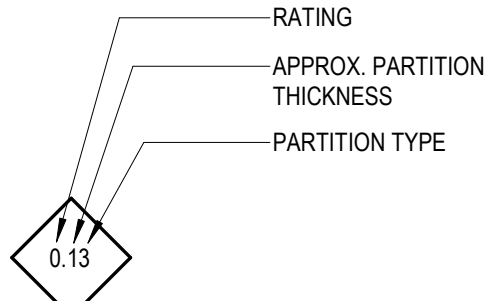
TYPE	STUD TYPE	STUD SPACING	PARTITION WIDTH	UL ASSEMBLY
0.42	3 5/8" - 16 GA.	16 O.C.	5 7/8"	NA
0.62	6" - 16 GA.	16 O.C.	7 1/4"	NA

5. NON-RATED PARTITION



TYPE	STUD TYPE	STUD SPACING	PARTITION WIDTH	UL ASSEMBLY
0.11	7/8" HC - 25 GA.	16 O.C.	1 1/2"	N/A
0.21	2 1/2" - 25 GA.	16 O.C.	3 1/8"	N/A
0.61	6" - 16 GA.	16 O.C.	6 5/8"	N/A

1. NON-RATED FURRING PARTITION



- NOTES:**
1. ALL GYPSUM WALL BOARD TYPE X UNLESS OTHERWISE NOTED
  2. AT BATHROOMS, REPLACE TOP LAYER OF GWB WITH WATER RESISTANT GWB. (PROVIDE FULL HEIGHT WATER RESISTANT GWB FOR ALL WALLS IN RESTROOMS AND ALL WALLS WITHIN JANITORS CLOSETS - IN LIEU OF GWB (MATCH THICKNESS OF GWB NOTED IN DETAIL). USE THE SAME FIRE RESISTANCE AS SCHEDULED, IF A FIRE PARTITION. VERIFY WITH SPECIFICATIONS.
  3. PROVIDE FULL HEIGHT CEMENT BOARD / CEMENTITIOUS BACKER UNIT FOR ALL TILED WALLS - IN LIEU OF GWB (MATCH THICKNESS OF GWB NOTED IN DETAIL). USE THE SAME FIRE RESISTANCE AS SCHEDULED, IF A FIRE PARTITION. VERIFY WITH SPECIFICATIONS.
  3. CONTRACTOR TO COORDINATE STUD SPACING WITH MEPP DRAWINGS, TO ACCOMODATE DUCT, PIPE, AND CONDUIT PENETRATIONS.
  4. ALL PARTITIONS TO BE FRAMED PLUMB & TRUE.
  4. WHERE WALL CHASE OCCURS, PROVIDE ACCOUSTICAL BATT INSULATION SURROUNDING PIPES.
  5. FURRING WALLS TO BE FRAMED PLUMB AND TRUE, OR USE SHIMMED WALL RUNNERS AS REQ'D. CONTRACTOR TO COORDINATE NECESSARY CLEARANCE FOR OUTLETS & SERVICE PIPING.
  5. SEAL ALL OPENINGS, GAPS, PENETRATIONS, AND JOINTS IN PARTITION TYPES.
  6. FIRE RATED PARTITIONS AND SMOKE BARRIERS: SEAL IN ACCORDANCE WITH THE REQUIREMENTS SPECIFIED IN THE DIVISION 07 SPECIFICATION SECTIONS FOR PENETRATION FIRESTOP SYSTEMS AND FIRE RESISTIVE JOINT SYSTEMS. REFER TO CODE COMPLIANCE DRAWINGS FOR LOCATIONS OF SMOKE BARRIERS.
  7. PARTITIONS DESIGNED TO RESIST THE PASSAGE OF SMOKE: SEAL COMPLETELY WITH ELASTOMERIC SEALANT. FOR THE LOCATION AND EXTENT REFER TO CODE COMPLIANCE DRAWINGS.
  8. SEE FINISH SCHEDULE FOR WALL BASE INFORMATION.
  8. FOR FINISHES: SEE FINISH SCHEDULE.
  9. PROVIDE ALL CLIPS AT FIREPROOFED STRUCTURAL STEEL FOR METAL STUD WORK. SEE SPECIFICATIONS FOR FIRE STOPPING PRODUCTS AND INSTALLATION INFORMATION. PROVIDE FIRE STOPPING AT TOP & BOTTOM ENDS OF WALLS @ ALL INTERSECTIONS AND PENETRATIONS AT FIRE RATED AND/OR SMOKE PARTITIONS, AS IN CONFORMANCE WITH THE UNDERWRITERS LABORATORIES (U.L.) DETAILS, NFPA, ICC, AND APPLICABLE BUILDING CODES.
  10. PROVIDE BLOCKING BEHIND ANY WALL HUNG ITEM. SEE DETAIL IN PARTITION DETAILS. (MINIMUM OF 18" ABOVE AND BELOW WALL HUNG ITEM, U.O.N.)
  11. FOR ALL ACOUSTICALLY SENSITIVE & ISOLATED SPACES, PARTITIONS TO EXTEND UP TO SLAB ABOVE, UNLESS OTHERWISE NOTED.
  12. SEE SPECIFICATIONS FOR ALL METAL STUD GAUGES.
  13. FLOOR AND CEILING TYPES SHOWN ON THIS SHEET ARE FOR DIAGRAMMATIC PURPOSES ONLY. FOR ACTUAL FLOOR AND CEILING TYPES, SEE FINISH SCHEDULE AND DRAWINGS.
  14. PROVIDE STIFFENER STUD TO STUD IN ALL PARTITIONS @ 48" O.C. WHERE NO CEILING EXISTS ON BOTH SIDES OF THE PARTITION. LENGTH OF STIFFENER TO EQUAL 1/3 RD THE HEIGHT OF STUD PARTITION. SECURE THE STIFFENER TO THE STUD WITH FOUR (4) #8 PAN HEAD FASTENERS AT THE TOP AND FOUR (4) AT THE BOTTOM OF THE STIFFENER IN A SQUARE PATTERN.
  15. THICKNESS OF SOUND ATTENUATION BATTS / GLASS FIBER INSULATION TO MATCH DEPTH OF STUD CAVITY UNLESS OTHERWISE NOTED.
  16. DO NOT BREAK THE PAPER OF THE GYPSUM BOARD WITH THE HEAD OF THE FASTENER.
  17. MAINTAIN A 3/4" GAP BETWEEN THE GWB AND TOP RUNNER TRACK TO ALLOW FOR DEFLECTION AT THE TOP OF THE WALL AND UNDERSIDE OF BEAMS / JOISTS / DECK.
  18. SEE LIFE SAFETY PLANS FOR LOCATION OF FIRE RATED PARTITIONS.
  19. SEE PARTITION DETAILS FOR ADDITIONAL INSULATION INFORMATION.
  20. PROVIDE DIAGONAL BRACING ABOVE CEILING @ 3'-0" O.C. FOR PARTITION HEIGHTS GREATER THAN 15'-0". FASTEN @ 8" O.C. TO EDGES AND 12" O.C. TO INTERMEDIATE STUDS.
- OTHER LOCATIONS: SEAL AS INDICATED AND REQUIRED ELSEWHERE BY THE CONTRACT DOCUMENTS.

## ARQUITECTONICA

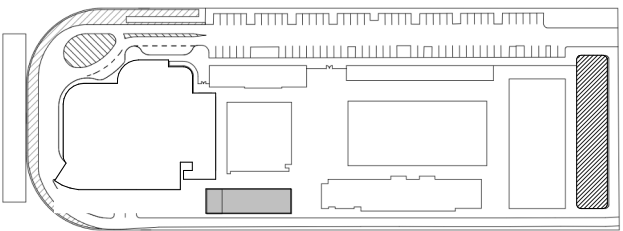
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ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

**STRUCTURAL ENGINEER:**  
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101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
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**MEP/FP ENGINEERS:**  
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**CIVIL ENGINEER:**  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF - EAST BUILDING**  
501 Seabreeze Blvd., Fort Lauderdale, FL 33316

KEY PLAN:

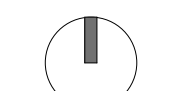


DESCRIPTION	DATE
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CONSTRUCTION

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PROJECT NORTH:



DRAWING TITLE  
**PARTITION SCHEDULE**

PROJECT NUMBER: 010326.000

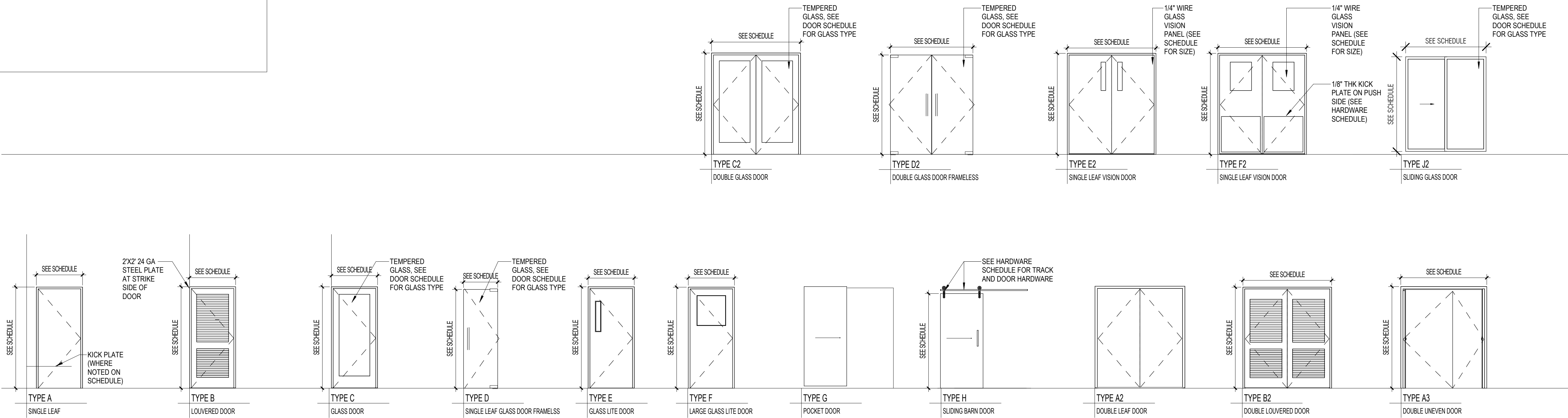
DATE: 06/17/2022

SCALE: 1 1/2" = 1'-0"

SHEET

**A2-800**





DOOR SCHEDULE												
No.	TYPE	DOOR			DOOR/FRAME		HEAD	JAMB	SILL	FIRE RATING	HRDW	COMMENTS
		WIDTH	HEIGHT	THK	MATERIAL	FINISH						
E105	A	3'-0"	7'-0"	1 3/4"	HM	PT-2				90 MIN.		
E105A	C	0'-0"	0'-0"		AL	MATCH WINDOW WALL FRAME						
E105C	C	3'-4"	7'-8 1/4"		AL	MATCH WINDOW WALL FRAME						
E106	A	3'-0"	7'-0"	1 3/4"	HM	PT-2				90 MIN.		
E107	C2	6'-0"	7'-0"	1 3/4"	HM	PT-2				90 MIN.		
E107A	C2	6'-0"	7'-0"	1 3/4"	HM	PT-2				90 MIN.		
E107B	A	3'-0"	7'-0"	1 3/4"	HM	PT-2				90 MIN.		
E108B	C2	5'-9 1/2"	7'-8 1/4"		AL	MATCH WINDOW WALL FRAME					PANIC HARDWARE	
E108C	J2	5'-11 1/2"	7'-7"		AL	MATCH WINDOW WALL FRAME						
E109	A	3'-0"	7'-0"	1 3/4"	HM	PT-2						
E110	A	3'-0"	7'-0"	1 3/4"	HM	PT-2						
E111	A	3'-0"	7'-0"	1 3/4"	HM	PT-2						
E115	A	3'-0"	7'-0"	1 3/4"	HM	N/A						
E118	A	3'-0"	7'-0"	1 3/4"	HM	N/A						
E201L	J2	5'-11 1/2"	0'-2 1/2"		AL	MATCH WINDOW WALL FRAME						
E311	J2	5'-11 1/2"	3'-1"		AL	MATCH WINDOW WALL FRAME						
S100	A2	6'-0"	7'-0"	1 3/4"	HM	PT-2						
S101A	A	3'-0"	7'-0"	1 3/4"	HM	PT-2				90 MIN.		
S101B	A	3'-0"	7'-0"	1 3/4"	HM	PT-2				90 MIN.		
S101C	A2	6'-0"	7'-0"	1 3/4"	HM							
S202	16	3'-0"	7'-0"	1 3/4"	HM	PT-2						
S203	16	3'-0"	7'-0"	1 3/4"	HM	PT-2						

LEVEL 1

E101	A	3'-0"	7'-0"	1 3/4"	HM	PT-2				60 MIN.		
E101A	A	3'-0"	7'-0"	1 3/4"	HM	PT-2				60 MIN.		
E102	A	3'-0"	7'-0"	1 3/4"	HM	PT-2				90 MIN.		
E103	A	3'-0"	7'-0"	1 3/4"	HM	PT-2				90 MIN.		

FLOWRIDER UPPER LEVEL

E123	A	3'-0"	7'-0"	1 3/4"	HM	PT-2						
E124	A	3'-0"	7'-0"	1 3/4"	HM	PT-2						
E125	A	3'-0"	7'-0"	1 3/4"	HM	PT-2						
E128	A2	6'-0"	7'-0"	1 3/4"	HM	N/A						
S121	A	3'-0"	7'-0"	1 3/4"	HM	PT-2						

LEVEL 1 MEZZ

E201	C	3'-8"	8'-8 1/4"		AL							
E201A	C	3'-0 1/2"	8'-8 1/4"		AL	MATCH WINDOW WALL FRAME						
E201A	A	3'-0"	7'-0"	1 3/4"	HM	PT-2				90 MIN.		
E201B	A	3'-0"	7'-0"	1 3/4"	HM	N/A						
E201C	A	3'-0"	7'-0"	1 3/4"	HM	PT-2						
E201D	A	3'-0"	7'-0"	1 3/4"	HM	PT-2						
E201E	A	3'-0"	7'-0"	1 3/4"	HM	N/A						
E204	A	3'-0"	7'-0"	1 3/4"	HM	PT-2				90 MIN.		
E205	A	3'-0"	7'-0"	1 3/4"	HM	PT-2				90 MIN.		
E206	A	3'-0"	7'-0"	1 3/4"	HM	PT-2				90 MIN.		
E207	A	3'-0"	7'-0"	1 3/4"	HM	PT-2				90 MIN.		
E208	A	3'-0"	7'-0"	1 3/4"	HM	PT-2				90 MIN.		
E209	A	3'-0"	7'-0"	1 3/4"	HM	N/A				90 MIN.		
E210B	C	0'-0"	0'-0"		AL	MATCH WINDOW WALL FRAME						
E212	C2	6'-0"	7'-0"	1 3/4"	HM	N/A				90 MIN.		
E213A	A	3'-0"	7'-0"	1 3/4"	HM	PT-2						
E213B	A	3'-0"	7'-0"	1 3/4"	HM	PT-2						
E213C	A	3'-0"	7'-0"	1 3/4"	HM	PT-2				90 MIN.		
E218	C2	5'-9 1/2"	8'-8 1/4"		AL	MATCH WINDOW WALL FRAME						
S200	A	3'-10"	7'-0"	1 3/4"	HM	PT-2				90 MIN.		
S201	A	3'-0"	7'-0"	1 3/4"	HM	PT-2				90 MIN.		

LEVEL 2

E302	A	3'-0"	7'-0"	1 3/4"	HM	PT-2				90 MIN.		
E303A	A	3'-0"	7'-0"	1 3/4"	HM	N/A						
E303B	A	3'-0"	7'-0"	1 3/4"	HM	N/A						
E303C	A2	6'-0"	7'-0"	1 3/4"	HM	N/A						
E303D	A2	6'-0"	7'-0"	1 3/4"	HM	N/A						
E303E	C	3'-6"	9'-8 1/4"		AL	MATCH WINDOW WALL FRAME						

DOOR SCHEDULE												
No.	TYPE	DOOR			DOOR/FRAME		HEAD	JAMB	SILL	FIRE RATING	HRDW	COMMENTS
		WIDTH	HEIGHT	THK	MATERIAL	FINISH						
E304	B	3'-10"	7'-0"	1 3/4"	HM	PT-2				60 MIN.		
E305	A	3'-0"	7'-0"	1 3/4"	HM	PT-2						
E306	A	3'-0"	7'-0"	1 3/4"	HM	N/A						
E307	A	3'-0"	7'-0"	1 3/4"	HM	N/A						
E307A	A	3'-0"	7'-0"	1 3/4"	HM	N/A						
E308	A2	6'-0"	7'-0"	1 3/4"	HM	PT-2					PANIC HARDWARE	
E308A	A	3'-0"	7'-0"	1 3/4"	HM	N/A					PANIC HARDWARE	
E308B	C	3'-6 1/4"	9'-8 1/4"		AL	MATCH WINDOW WALL FRAME					PANIC HARDWARE	
E310	C	3'-6 1/2"	9'-8 1/4"		AL	MATCH WINDOW WALL FRAME						
S300	A	3'-10"	7'-0"	1 3/4"	HM	PT-2				90 MIN.		
S301	A	3'-10"	7'-0"	1 3/4"	HM	PT-2				90 MIN.		

LEVEL 3

E401	A	3'-0"	7'-0"	1 3/4"	HM	PT-2				90 MIN.		
E402	A2	6'-0"	7'-0"	1 3/4"	HM	N/A						
E402A	A	3'-0"	7'-0"	1 3/4"	HM	N/A						
E402B	A	3'-0"	7'-0"	1 3/4"	HM	N/A						
E402C	A2	6'-0"	7'-0"	1 3/4"	HM	N/A						
E403	B	3'-10"	7'-0"	1 3/4"	HM	PT-2				60 MIN.		
E404	A	3'-0"	7'-0"	1 3/4"	HM	PT-2				90 MIN.		
E405	A	3'-0"	7'-0"	1 3/4"	HM	PT-2						
E406	A	3'-0"	7'-0"	1 3/4"	HM	PT-2						
E406A	A	3'-0"	7'-0"	1 3/4"	HM	N/A						
E407	A2	6'-0"	7'-0"	1 3/4"	HM	PT-2						
E407A	A	3'-0"	7'-0"	1 3/4"	HM	N/A						
E408	C	3'-9 1/2"	9'-8 1/4"		AL	MATCH WINDOW WALL FRAME					PANIC HARDWARE	
S400	A	3'-10"	7'-0"	1 3/4"	HM	PT-2				90 MIN.		
S401	A	3'-0"	7'-0"	1 3/4"	HM	PT-2				90 MIN.		
S401A	A	3'-0"	7'-0"	1 3/4"	HM	N/A				90 MIN.		

LEVEL 4

E501	A	3'-0"	7'-0"	1 3/4"	HM	PT-2				90 MIN.		
E502A	A	3'-0"	7'-0"	1 3/4"	HM	PT-2				90 MIN.		
E502B	A	3'-0"	7'-0"	1 3/4"	HM	PT-2				90 MIN.		
E503A	A2.1	3'-0"	7'-0"	2"	HM	N/A				90 MIN.		
E503B	A2.1	3'-0"	7'-0"	2"	HM	PT-2				90 MIN.		
E504	A	3'-0"	7'-0"	1 3/4"	HM	PT-2						
E505	A	3'-0"	7'-0"	1 3/4"	HM	PT-2				90 MIN.		
E506	A	3'-0"	7'-0"	1 3/4"	HM	PT-2				90 MIN.		
E507	A	3'-0"	7'-0"	1 3/4"	HM	PT-2				90 MIN.		
E508	A	3'-0"	7'-0"	1 3/4"	HM	PT-2						
E509	A	3'-0"	7'-0"	1 3/4"	HM	N/A				90 MIN.		
SS00	A	3'-10"	7'-0"	1 3/4"	HM	PT-2				90 MIN.		
SS01	A	3'-0"	7'-0"	1 3/4"	HM	PT-2				90 MIN.	PANIC HARDWARE	

LEVEL 5

S602	A	4'-1"	7'-0"	1 3/4"	HM	PT-2						
S642	16	4'-1"	7'-0"	1 3/4"	HM							

ROOF

## ARQUITECTONICA

ARCHITECT:  
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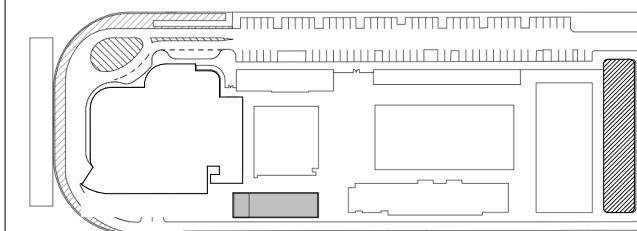
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PROJECT  
**ISHOF - EAST BUILDING**  
501 Seabreeze Blvd., Fort Lauderdale, FL 33316

KEY PLAN:



DESCRIPTION DATE

NOT FOR  
CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:



DRAWING TITLE  
**DOOR SCHEDULE**

PROJECT NUMBER: 010326.000

DATE: 06/17/2022

SCALE: 1/4" = 1'-0"

SHEET

**A2-801**



FINISH SCHEDULE										
NO.	NAME	WALLS				BASE	FLOOR	CEILING	REMARKS	
		N	S	E	W					
LEVEL 1										
E100	STG.	PT-2	PT-2	PT-2	PT-2	B-2	CONC-1	PT-2	EXPOSED CEILING	
E102	ELEC	PT-2	PT-2	PT-2	PT-2	B-2	CONC-1	PT-2	EXPOSED CEILING	
E103	FLOWRIDER	PT-1	PT-1	PT-1	PT-1	B-1	N/A	PT-2	EXPOSED CEILING	
E104	CIRCULATION	PT-1	PT-1	PT-1	PT-1	B-1	PL-1	PT-2	EXPOSED CEILING	
E105	CORR.	PT-2	PT-2	PT-2	PT-2	B-2	PL-1	PT-2	EXPOSED CEILING	
E106	ELEC.	PT-2	PT-2	PT-2	PT-2	B-2	CONC-1	PT-2	EXPOSED CEILING	
E107	VESTIBULE	PT-2	PT-2	PT-2	PT-2	B-3	CONC-1	PT-2	EXPOSED CEILING	
E108	WELCOME CENTER	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
E109	WOMEN	CT-1	CT-1	CT-1	CT-1	CT-3	CT-4	PT-2		
E110	JAN.	PT-2	PT-2	PT-2	PT-2	CT-3	CT-4	PT-2	EXPOSED CEILING	
E111	MEN	CT-1	CT-1	CT-1	CT-1	CT-3	CT-4	PT-2		
E112	DESK	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
E114	BARISTA	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
E115	PUMP ROOM	PT-2	PT-2	PT-2	PT-2	B-2	CONC-1	PT-2	EXPOSED CEILING	
E116	ELEV A	PNL-1	PNL-1	PNL-1	PNL-1	TBD	LVT-1	PNL-2		
E117	ELEV B	PNL-1	PNL-1	PNL-1	PNL-1	TBD	LVT-1	PNL-2		
E118	STG.	PT-2	PT-2	PT-2	PT-2	B-2	CONC-1	PT-2	EXPOSED CEILING	
E136	QUEUE	PT-1	PT-1	PT-1	PT-1	B-1	PL-1	PT-2	EXPOSED CEILING	
E137	EXIT	PT-2	PT-2	PT-2	PT-2	B-2	PL-1	PT-2	EXPOSED CEILING	
S101	STAIR E-A	PT-2	PT-2	PT-2	PT-2	B-2	CONC-1	PT-2	EXPOSED CEILING	
S103	STR E-C	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
LEVEL 1 MEZZ										
E122	CORR.	PT-2	PT-2	PT-2	PT-2	B-2	CONC-1	PT-2	EXPOSED CEILING	
E123	ELEC.	PT-2	PT-2	PT-2	PT-2	B-2	CONC-1	PT-2	EXPOSED CEILING	
E124	TLT	CT-1	CT-1	CT-1	CT-1	CT-3	CT-4	PT-2		
E125	TLT	CT-1	CT-1	CT-1	CT-1	CT-3	CT-4	PT-2		
E126	COFFEE	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
E127	COFFEE	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
E128	STG.	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
S121	STR E-A	PT-2	PT-2	PT-2	PT-2	B-2	CONC-1	PT-2	EXPOSED CEILING	
LEVEL 2										
E201	OFFICE	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
E201A	ELEC.	PT-2	PT-2	PT-2	PT-2	B-2	CONC-1	PT-2	EXPOSED CEILING	
E201B	JAN.	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
E201C	MEN	CT-1	CT-1	CT-1	CT-1	CT-3	CT-4	PT-2		
E201D	WOMEN	CT-1	CT-1	CT-1	CT-1	CT-3	CT-4	PT-2		
E201E	CORR.	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
E203	EXT. CORR.		STCQ-1				PAV-1			
E204	MENS	CT-1	CT-1	CT-1	CT-1	CT-3	CT-4	PT-2		
E205	WOMENS	CT-1	CT-1	CT-1	CT-1	CT-3	CT-4	PT-2		
E206	MECH.	PT-2	PT-2	PT-2	PT-2	B-2	CONC-1	PT-2	EXPOSED CEILING	
E207	ELEC.	PT-2	PT-2	PT-2	PT-2	B-2	CONC-1	PT-2	EXPOSED CEILING	
E208	JAN.	PT-2	PT-2	PT-2	PT-2	B-2	CONC-1	PT-2	EXPOSED CEILING	
E209	KITCHEN	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
E210	COFFEE	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
E211	STAIR	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
E213	OFFICE	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
E213A	JAN.	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
E213B	MENS	CT-1	CT-1	CT-1	CT-1	CT-3	CT-4	PT-2		
E213C	WOMENS	CT-1	CT-1	CT-1	CT-1	CT-3	CT-4	PT-2		
S200	STR E-B	PT-2	PT-2	PT-2	PT-2	B-2	CONC-1	PT-2	EXPOSED CEILING	
S201	STR E-A	PT-2	PT-2	PT-2	PT-2	B-2	CONC-1	PT-2	EXPOSED CEILING	
LEVEL 3										
E301	MECH	PT-2	PT-2	PT-2	PT-2	B-2	CONC-1	PT-2	EXPOSED CEILING	
E302	ELEC.	PT-2	PT-2	PT-2	PT-2	B-2	CONC-1	PT-2	EXPOSED CEILING	
E303	OFFICE	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
E303A	STG.	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
E303B	BREAKROOM	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
E305	ELEC.	PT-2	PT-2	PT-2	PT-2	B-2	CONC-1	PT-2	EXPOSED CEILING	
E306	MENS	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
E307	WOMEN	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
E307A	JANITOR	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
E308	OFFICE	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
E310	CORRIDOR	PT-2	PT-2	PT-2	PT-2	B-2	CONC-1	PT-2	EXPOSED CEILING	
S300	STR E-B	PT-2	PT-2	PT-2	PT-2	B-2	CONC-1	PT-2	EXPOSED CEILING	
S301	STR E-A	PT-2	PT-2	PT-2	PT-2	B-2	CONC-1	PT-2	EXPOSED CEILING	
LEVEL 4										
E401	ELEC.	PT-2	PT-2	PT-2	PT-2	B-2	CONC-1	PT-2	EXPOSED CEILING	
E402	OFFICE	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
E402A	STG.	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
E402B	BREAKROOM	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
E403	MECH	PT-2	PT-2	PT-2	PT-2	B-2	CONC-1	PT-2	EXPOSED CEILING	
E404	ELEC.	PT-2	PT-2	PT-2	PT-2	B-2	CONC-1	PT-2	EXPOSED CEILING	
E405	MENS	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
E406	WOMEN	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
E406A	JAN.	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
E407	OFFICE	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
E409	CORR.	PT-2	PT-2	PT-2	PT-2	B-2	CONC-1	PT-2	EXPOSED CEILING	
S400	STR E-B	PT-2	PT-2	PT-2	PT-2	B-2	CONC-1	PT-2	EXPOSED CEILING	
S401	STR E-A	PT-2	PT-2	PT-2	PT-2	B-2	CONC-1	PT-2	EXPOSED CEILING	
LEVEL 5										
E501	MECH.	PT-2	PT-2	PT-2	PT-2	B-2	CONC-1	PT-2	EXPOSED CEILING	
E501A	ELEV CTRL.	PT-2	PT-2	PT-2	PT-2	B-2	CONC-1	PT-2	EXPOSED CEILING	
E502A	ELEC.	PT-2	PT-2	PT-2	PT-2	B-2	CONC-1	PT-2	EXPOSED CEILING	
E502B	STG	PT-2	PT-2	PT-2	PT-2	B-2	CONC-1	PT-2	EXPOSED CEILING	
E504	MECH.	PT-2	PT-2	PT-2	PT-2	B-2	CONC-1	PT-2	EXPOSED CEILING	
E505	ELEC	PT-2	PT-2	PT-2	PT-2	B-2	CONC-1	PT-2	EXPOSED CEILING	
E506	WOMEN	CT-1	CT-1	CT-1	CT-1	CT-3	CT-4	PT-2		
E507	MEN	CT-1	CT-1	CT-1	CT-1	CT-3	CT-4	PT-2		
E509	KIOSK	N/A	N/A	N/A	N/A	N/A	N/A	N/A		
S500	STR E-B	PT-2	PT-2	PT-2	PT-2	B-2	CONC-1	PT-2	EXPOSED CEILING	
S501	STR E-A	PT-2	PT-2	PT-2	PT-2	B-2	CONC-1	PT-2	EXPOSED CEILING	
ROOF										
S602	STR E-B	PT-2	PT-2	PT-2	PT-2	B-2	CONC-1	PT-2	EXPOSED CEILING	

NOTE: SEE A2-902 MATERIALS LIST FOR ABBREVIATIONS

ARQUITECTONICA

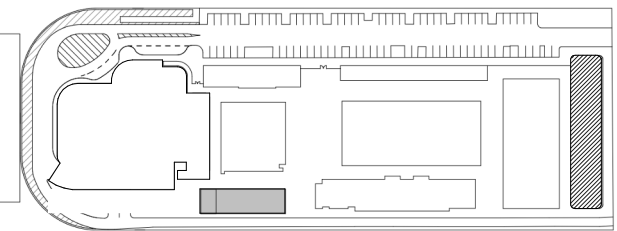
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501 Seabreeze Blvd., Fort Lauderdale, FL 33316

KEY PLAN:

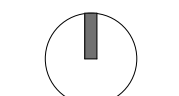


△	DESCRIPTION	DATE
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FINISH SCHEDULE

PROJECT NUMBER: 010326.000

DATE: 06/17/2022

SCALE:

SHEET

A2-900



ISHOF Fort Lauderdale, FL Project No. 010326 MATERIALS LIST							
Division 03 - Concrete							
Section Title	Code	Description	Location	Manufacturer	Product Code	Style/Color/Finish	Notes
Pavers	PV-1	Roof Pavers	All Terraces - See Plans	TBD	TBD	TBD	
Division 05 - Metals							
Section Title	Code	Description	Location	Manufacturer	Product Code	Style/Color/Finish	Notes
Stairs	STR E-A and E-B	Stair: Metal pan concrete fill welded w/ carrier angles	Fire Stairs	By subcont.		Finish: sealed concrete	Engineering by Contractor
	All other stiairs	Stair: Poured concrete	LVL 01: NW Stair, SE Stair, SW Stair, East Entry Steps	By subcont.		Finish: sealed concrete	Engineering by Contractor
Railings	RAIL-1	Guardrail: 1-1/2" Dia Std. Pipe with support posts and brackets. 42" guardrail height	Slab edges and other various locations - See Plans	Custom	Painted	Color: PNT-6	Engineering by Contractor
	RAIL-2	Guardrail & Handrail: 1-1/2" Dia Std. Pipe with support posts and brackets. Handrail heights: 36", 42" at guardrail conditions	STR E-A and STR E-B	Custom	Painted	Color: PNT-6	Engineering by Contractor
	RAIL-3	Handrail: 1-1/2" Dia. Std. pipe with support brackets. Handrail heights: 36"	All Stairs and Ramps U.O.N.	CRL Hardware		Brushed S.S.	Engineering by Contractor
	RAIL-5	Glass Guardrail with Handrail - Handrail: 1-1/2" Dia. Stainless Steel; Glass guardrail w/ base shoe w/ weld blocks and top cap railing. Handrail height: 36"	Not Used	CRL Hardware	B5S Series w/ Taper Loc Dry Glaze Sys., Standard Sq. Base Shoe, Pismo Series bracket, HR15GBS, BSWB12, GLC10BS, GRCL10ECBS, Top cap: GRS low profile w/ end caps	Base shoe: Alum., pre-drilled & weld blocks as req. Bracket and cap: Brushed S.S. with dome end caps	Engineering by Contractor
	RAIL-6	Glass guardrail, base shoe and top cap railing	Flow Rider	CRL Hardware	B5A Series w/ Taper Loc Dry Glaze Sys., Sq. Base Shoe, GLC10BS, GRCL10ECBS	Base Shoe Cladding & Cap: Brushed S.S., Top cap: Brushed S.S. w/ end caps	Engineering by Contractor
Mechanical Equipment Screen	SCR-1	Equipment Screen	FPL Equipment at Lvl 01 and Cooling Tower at Roof - See Plans	TBD	TBD	TBD	TBD
Division 06 - Wood, Plastics, and Composites							
Section Title	Code	Description	Location	Manufacturer	Product Code	Style/Color/Finish	Notes
Plastic Laminate	PL-1	Plastic Laminate	TBD	WilsonArt	Plastic Laminate	TBD	Fire Rating Class B
Solid Surfaces	SSM-1	Solid surface countertop	TBD	Corian	Solid Surface	3/4" thk., Color: TBD	Fire Rating Class A
	SSM-2	Quartz countertop	TBD	Corian	Quartz	3cm thk., Color: TBD	Fire Rating Class A
Wire Grommets	WG	Wire grommets	TBD	Mockett	SG series	Match counter	See millwork details
Z Clips		Aluminum Z Clips		Eagle	1/4" projection	Aluminum	
		Millwork Door Pulls	All millwork, unless otherwise noted	Mockett	Square Pull: DP105B4	Satin Nickel	See millwork details
		Drawer Slides	All millwork, unless otherwise noted	Blum	Standard Series	Standard Finish	See millwork details
		Frameless concealed European Hinge	All millwork, unless otherwise noted	Blum		Standard Finish	See millwork details
		Door catch: Magnetic catch	All millwork, unless otherwise noted			Standard Finish	
		Silencers	All millwork, unless otherwise noted	Bumpom Quiet Clear / 3M		Standard Finish	
		Locks for doors & drawers (millwork)	All millwork, unless otherwise noted	C.R. Laurence	LK56	Satin Nickel Plated	See millwork details
Division 07 - Thermal and Moisture Protection							
Section Title	Code	Description	Location	Manufacturer	Product Code	Style/Color/Finish	Notes
Coverbaord	CB-1	Coverboard for roofing	All roofs	TBD	TBD	TBD	
Roofing membrane	RF-1	Roofing Membrane	All roofs	TBD	TBD	TBD	Hurricane compliant, Warranty 20 year
Division 08 - Openings							
Section Title	Code	Description	Location	Manufacturer	Product Code	Style/Color/Finish	Notes
Access doors & frames	AD-1	Access doors for GWB walls	Provide per Architectural and MEPFP Plans and per Code	Karp	KSTDW	12" X 12", 24" X 24", 24" X 48", Paint to match adjacent ceiling	
	AD-2	Access doors for GWB ceilings	Provide per Architectural and MEPFP Plans and per Code	Karp	KSTDW	12"X12", 18"X18", 24" X 24", Paint to match adjacent ceiling	
Glazing	GL-1	Laminated Insulating glazing unit	Exterior - Storefront	Viracon, Vitro or EQ		TBD	
	GL-2	Laminated Glazing unit	Interior - Storefront	Viracon, Vitro or EQ		TBD	
	GL-3	Laminated glass	Interior - Glass Guardrails	Viracon, Vitro or EQ		9/16" Thk., Low Iron	
	GL-4	Laminated glass	Interior - Door lites	TBD	TBD	TBD	
Storefront System	SF1	Curtain Wall - Exterior	See Plans	TBD	TBD	TBD; max panel dimensions 4'x12'	Hurricane Impact Resistant
	SF2	Curtain Wall - Interior	See Plans	TBD	TBD	TBD; max panel dimensions 4'x12'	
Division 09 - Finishes							
Section Title	Code	Description	Location	Manufacturer	Product	Style/Color/Finish	Notes
Acoustical Ceiling Tile	ACT-1	Acoustical Ceiling Tile		Armstrong	2x2 Optima Tegular 9/16" Sq Tegular Edge, #3251	Color: White	Fire Rating Class A
Base	B-1	Pool Base	Flow Rider and adjacent areas	TBD	TBD	TBD	
	B-2	Rubber base	See room list	Johnsonite	4" High base	Color: TBD	
	B-3	Painted wood base	See room list	By Subcont.	6" High base	Paint to match adjacent walls U.O.N.	Fire Rating Class B minimum.
Carpet	CPT-1	Carpet	TBD	TBD	TBD	TBD	Fire Rating Class 1
Sealed Floors	CON-1	Sealant for exposed concrete floors	See room list for locations	By subcontractor		By subcontractor	See specs
Walk Off Mat	WOM-1	Integrated Entrance Floor Grills	See Plans				
Resilient Flooring	LVT-1	Resilient Flooring	See Finish Schedule List for locations	TBD	TBD	TBD	Fire Rating Class 1
Pool Flooring	PL-1	Pool Area Flooring	Adjacent to Flow Rider	TBD	TBD	TBD	
Paint	PNT-1/PT-1	Interior Paint	Flow Rider and adjacent areas	Sherwin Williams	TBD	TBD	See finish notes on F-101 and specs
	PNT-2/PT-2	Interior Paint	See Plans	Sherwin Williams	TBD	TBD	See finish notes on F-101 and specs
	PNT-9/PT-9	Exterior Paint	See Specs	Sherwin Williams	TBD	TBD	See Specs
Glass Fiber Reinforced Gypsum	GRG-1	Glass Fiber Reinforced Gypsum	TBD		Formglas or Eq.	GFRG	Fire Rating Class A
Tiling	CT-1	Ceramic Tile	Restroom Walls	TBD	TBD	TBD	
	CT-2	Ceramic Tile	Restroom Accent Walls	TBD	TBD	TBD	
	CT-3	Ceramic Tile Base	Restroom Wall Base	TBD	TBD	TBD	
	CT-4	Ceramic or Porcelain Tile (TBD)	All restrooms	TBD	TBD	TBD	
Elevator Finishes	PNL-1	Elevator Wall Panels	Both Elevators	TBD	TBD	TBD	
	PNL-2	Elevator Ceiling Panels	Both Elevators	TBD	TBD	TBD	
Wall Corner Trim	CG-1	Tile corner profile	Restroom Walls	Schluter Sys.	TBD	Outside Corner, Brushed SS	
	CG-2	GWB corner profile	See Plans	Schluter Sys.	TBD	TBD	
Soffit Panel System	SFT-1	Exterior Soffit Panel System	See Plans	TBD	TBD	TBD	
Stucco	STCO-1	Exterior Portland Cement Stucco	All exterior masonry walls	Sto	TBD	TBD	
Letters	LTT-1	GFRC - Glass Fiber Reinforced Concrete	West and East sides: DIVE and SWIM	TBD	TBD	TBD	
Stair Nosing	SN-1	Metal Stair Nosing	Metal Pan concrete stairs	Wooster	Type 101SP	Material: Alumogrit	
	SN-2	Metal Stair Nosing	Poured concrete stairs	Wooster	Type 101	Material: Alumogrit	
Thresholds/Sills	S1	Vinyl Edge Guard	See finish schedule	Johnsonite	SLT-40-J	Color: TBD	Concrete/Terrazzo to resilient
	S2	Vinyl Edge Guard	See finish schedule	Johnsonite	SLT-63-J	Color: TBD	Concrete/Terrazzo to carpet
	S3	Vinyl Edge Guard	See finish schedule	Johnsonite	EG-63-L	Color: TBD	Resilient to resilient
	S4	Vinyl Adaptor Moulding	See finish schedule	Johnsonite	SLT-63-B	Color: TBD	Resilient to carpet
	S5	Vinyl T Moulding	See finish schedule	Johnsonite	CTA-63-D	Color: TBD	Carpet to carpet
	S6	Vinyl T Moulding	See finish schedule	Johnsonite	CD-63-C	Color: TBD	Concrete/Terrazzo to tile
	S7	Marble	Restrooms	TBD	TBD	TBD	
	S8	Exterior anod. alum. threshold	New exterior doors	Crawford-Tracey ...	V.I.F.	Material/Color: TBD	
Division 10 - Specialties							
Section Title	Code	Description	Location	Manufacturer	Product	Style/Color/Finish	Notes
Toilet Partitions	TP-1	Toilet Partitions	Restrooms	Scranton	Hiny Hiders	HDPE, Color: Concrete	Standard Hardware; Fire Rating Class C min.
Fire extinguishers	FEC-1	Fire extinguishers wall mounted with bracket	TBD	TBD	Recessed	TBD	
	FEC-2	Fire extinguishers wall mounted with bracket	TBD	TBD	Surface-mounted	TBD	
Raised Flooring System	RFS-1	Raised floor	TBD	Tate Inc. or EQ	TBD	TBD	

ARQUITECTONICA

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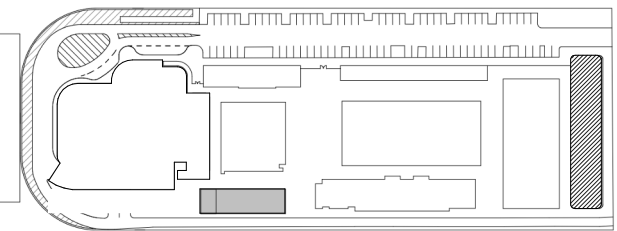
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MATERIALS LIST

PROJECT NUMBER: 010326.000

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A2-902



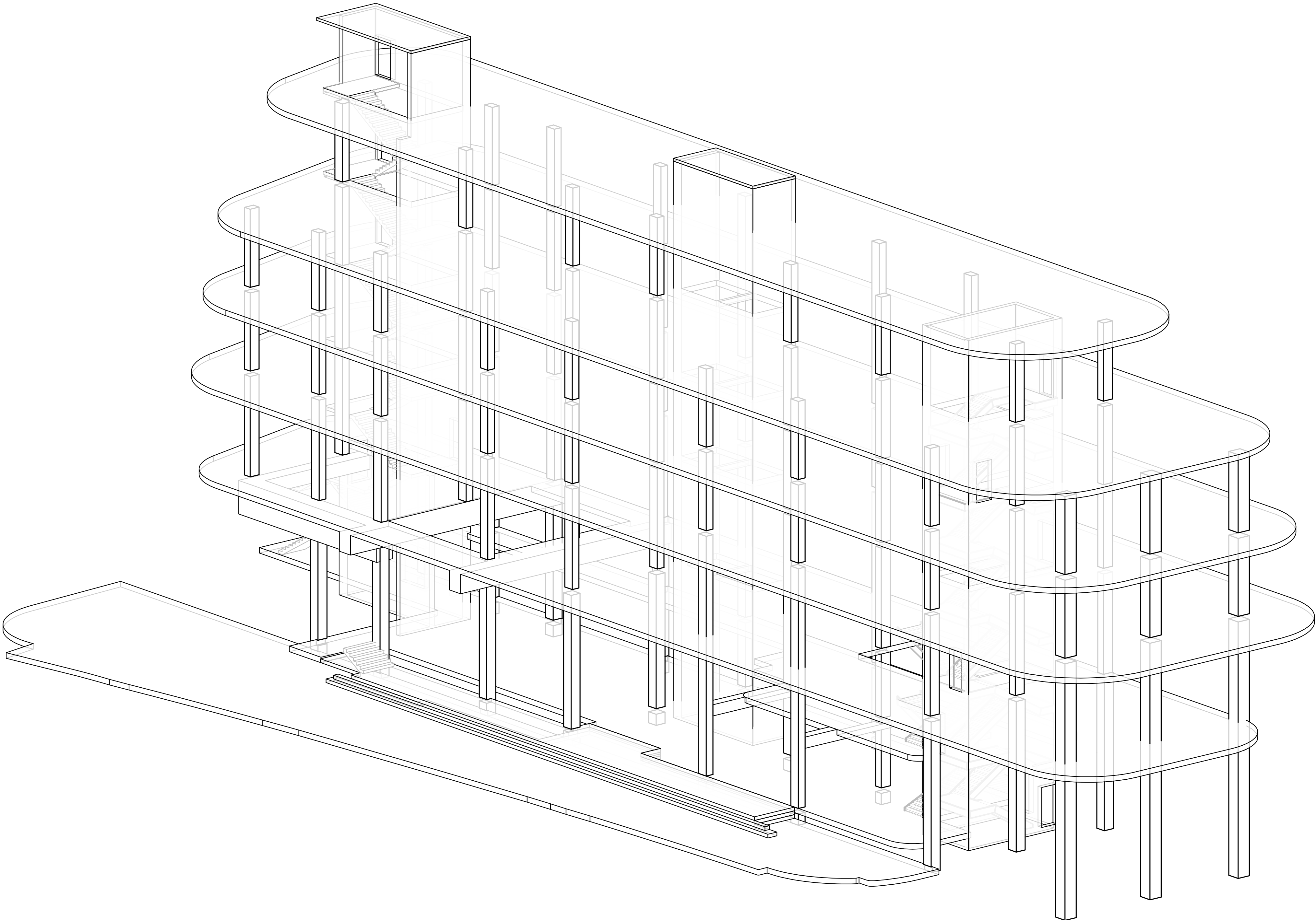
# ISHOF

30% CD

06/17/2022

## STRUCTURAL DRAWING LIST

SHEET NO	SHEET NAME
S0-COVER SHEET AND GENERAL NOTES	
S0-000	COVER SHEET AND DRAWING LIST
S0-001	GENERAL NOTES
S0-002	GENERAL NOTES
S0-003	GENERAL NOTES AND ABBREVIATIONS
S0-004	THREESOLD INSPECTION PLAN
S0-005	THREESOLD INSPECTION PLAN
S0-100	GENERAL LAP SPLICE SCHEDULES-I
S0-100A	GENERAL LAP SPLICE SCHEDULES-II
S0-101	GENERAL SCHEDULES AND LEGENDS
S0-102	GENERAL LEGENDS
S0-200	LOADING DIAGRAMS
S0-200A	LOADING DIAGRAM
S0-200B	LOADING DIAGRAM
S1-PLAN	
S1-001	LEVEL 1 AND MEZZ FLOOR FRAMING PLAN
S1-002	EAST BLDG. LEVEL 2 & 3 FRAMING PLAN
S1-003	EAST BLDG. LEVEL 4 & 5 FRAMING PLAN
S1-004	EAST BLDG. LEVEL 6 & 7 FRAMING PLAN
S2 SERIES: FOUNDATION SCHEDULES, SECTIONS AND DETAILS	
S2-200	TYPICAL CAST-IN-PLACE PILE DETAILS
S2-201	TYPICAL CAST-IN-PLACE-PILE DETAILS
S2-400	TYPICAL SLAB ON GRADE DETAILS
S2-401	TYPICAL SLAB ON GRADE DETAILS
S2-700	TYPICAL GRADE BEAM DETAILS
S2-701	TYPICAL GRADE BEAM DETAILS
S2-702	TYPICAL GRADE BEAM DETAILS
S3 SERIES: LATERAL SYSTEM ELEVATIONS AND DETAILS	
S3-003	CONCRETE SHEAR WALL SCHEDULE AND NOTES
S3-100	SHEARWALL PLANS
S3-101	SHEARWALL PLANS
S3-102	SHEARWALL PLANS
S3-103	SHEARWALL PLANS
S3-104	SHEARWALL PLANS
S3-110	SHEARWALL ELEVATIONS
S3-111	SHEARWALL ELEVATIONS
S3-112	SHEARWALL ELEVATIONS
S3-300	TYPICAL CONCRETE SHEAR WALL DETAILS
S3-302	TYPICAL CONCRETE SHEAR WALL LINK BEAM DETAILS
S4 SERIES: CONCRETE SUPERSTRUCTURE SCHEDULES, SECTIONS AND DETAILS	
S4-001	CONCRETE COLUMN SCHEDULE
S4-100	TYPICAL CONCRETE COLUMN DETAILS
S4-101	TYPICAL CONCRETE COLUMN DETAILS-II
S4-200-A	TYPICAL CONCRETE BEAM DETAILS
S4-200-B	TYPICAL CONCRETE BEAM DETAILS
S4-201	TYPICAL CONCRETE BEAM DETAILS
S4-210	CONCRETE BEAM SCHEDULE
S4-300-A	TYPICAL CONCRETE SLAB DETAILS
S4-300-B	TYPICAL CONCRETE SLAB DETAILS
S4-301	TYPICAL CONCRETE SLAB DETAILS
S4-304	TYPICAL CONCRETE TWO-WAY SLAB DETAILS
S4-400	TYPICAL POST-TENSIONED BEAM DETAILS
S4-401	TYPICAL POST-TENSIONED BEAM DETAILS-II
S4-410	POST-TENSIONED BEAM SCHEDULE
S4-500	TYPICAL POST-TENSIONED SLAB DETAILS-I
S4-501	TYPICAL POST-TENSIONED SLAB DETAILS-II
S4-502	TYPICAL POST-TENSIONED TWO-WAY SLAB DETAILS-I
S4-503	TYPICAL POST-TENSIONED TWO-WAY SLAB DETAILS-II
GRAND TOTAL: 53	



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PROJECT  
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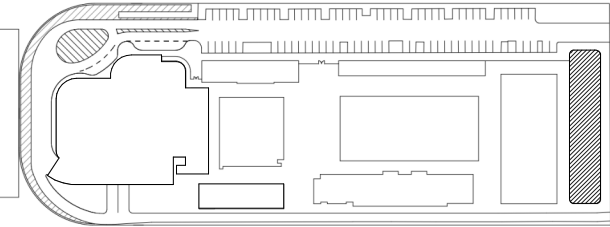
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KEY PLAN:



△	DESCRIPTION	DATE
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NOT FOR  
CONSTRUCTION

SEAL & SIGNATURE

TO THE BEST OF THE STRUCTURAL ENGINEERS KNOWLEDGE THE  
PLANS, DETAILS AND SPECIFICATIONS COMPLY WITH THE  
APPLICABLE BUILDING CODES

PROJECT NORTH:



DRAWING TITLE  
COVER SHEET AND DRAWING LIST

PROJECT NUMBER: 010326.000

DATE: 05/21/22

SCALE:

SHEET

S0-000



GR_GENERAL REQUIREMENTS		MEP: PIPE AND DUCT SIZES FOR OPENING AND SLEEVE COORDINATION FLOOR DRAINS UNDERFLOOR AND PERIMETER DRAINAGE SYSTEMS EQUIPMENT CURBS CONDUITS AND EMBEDMENTS IN WALLS AND SLABS		DE_DEMOLITION	
GR-1	AS USED IN THESE GENERAL NOTES: "DRAWINGS" MEANS THE LATEST STRUCTURAL DESIGN DRAWINGS, UON. "SPECIFICATIONS" MEANS THE LATEST PROJECT SPECIFICATIONS, UON. "CONTRACT DOCUMENTS" IS DEFINED AS THE DESIGN DRAWINGS AND THE SPECIFICATIONS "SER" IS DEFINED AS THE STRUCTURAL ENGINEER OF RECORD FOR THE STRUCTURE IN ITS FINAL CONDITION. "DESIGN PROFESSIONALS" IS DEFINED AS THE OWNER'S ARCHITECT AND SER. "MEP" INCLUDES, BUT IS NOT LIMITED TO MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION. "CONTRACTOR" IS DEFINED TO INCLUDE ANY OF THE FOLLOWING: GENERAL CONTRACTOR AND THEIR SUBCONTRACTORS, CONSTRUCTION MANAGER AND THEIR SUBCONTRACTORS, STRUCTURAL STEEL FABRICATOR OR STRUCTURAL STEEL ERECTOR. "BASE BUILDING STRUCTURE" IS DEFINED AS THE STRUCTURAL FRAME DESIGNED BY THORNTON TOMASETTI. "STRUCTURE IN ITS FINAL CONDITION" MEANS ALL STRUCTURAL ELEMENTS SHOWN ON THE STRUCTURAL CONTRACT DOCUMENTS ARE INSTALLED AND COMPLETELY CONNECTED AND INSPECTED WITH NO OUTSTANDING NON-COMPLIANCE ISSUES. "DELEGATED DESIGN" MEANS A SCOPE OF WORK THAT MEETS PERFORMANCE CRITERIA ESTABLISHED IN THE CONTRACT DOCUMENTS AND IS TO BE COMPLETED BY THE CONTRACTOR'S LICENSED ENGINEER. "SERVICE LEVEL" LOADS ARE DEFINED AS NOMINAL OR UNFACTORED LOADS TO BE COMBINED USING ALLOWABLE STRESS LOAD COMBINATIONS "STRENGTH LEVEL" LOADS ARE DEFINED AS FACTORED LOADS TO BE COMBINED USING STRENGTH DESIGN LOAD COMBINATIONS			DE-1	THE CONTRACTOR IS FULLY RESPONSIBLE FOR THE MEANS AND METHODS OF DEMOLITION AND THE INTEGRITY AND STABILITY OF THE EXISTING STRUCTURE DURING DEMOLITION UNTIL THE WORK IS COMPLETED. THE CONTRACTOR SHALL PROVIDE SHORING IN REQUIRED LOCATIONS WHERE EXISTING CONSTRUCTION TO REMAIN WILL BE AFFECTED BY DEMOLITION. CONTRACTOR SHALL RETAIN A <b>PROFESSIONAL</b> ENGINEER LICENSED IN THE STATE WHERE THE PROJECT IS LOCATED TO DESIGN SHORING.
				DE-2	THE CONTRACTOR IS RESPONSIBLE FOR REPAIRS TO ANY STRUCTURAL ELEMENTS WHICH ARE TO REMAIN AND THAT HAVE BEEN DAMAGED DURING THE DEMOLITION PROCESS TO THE COMPLETE SATISFACTION OF THE OWNER. THE REPAIRS SHALL BE AT NO EXPENSE TO THE OWNER. ALL REPAIR WORK SHALL BE DESIGNED BY A <b>PROFESSIONAL</b> ENGINEER LICENSED IN THE STATE WHERE THE PROJECT IS LOCATED AND SUBMITTED TO THE SER FOR REVIEW AND APPROVAL PRIOR TO COMMENCING REPAIR WORK.
				DE-3	ALL EXISTING FRAMING IS INDICATED FOR REFERENCE ONLY AND IS TO BE FIELD VERIFIED BY THE CONTRACTOR. VERIFY THE EXACT EXTENT OF DEMOLITION AT THE SITE. DETERMINE THE NATURE AND EXTENT OF DEMOLITION THAT WILL BE NECESSARY BY COMPARING THE CONTRACT DOCUMENTS WITH THE EXISTING CONSTRUCTION. IMMEDIATELY NOTIFY THE DESIGN PROFESSIONALS OF ANY INCONSISTENCIES.
				DE-4	THE CONTRACTOR SHALL USE THE STRUCTURAL CONTRACT DOCUMENTS IN CONJUNCTION WITH THE ARCHITECTURAL AND MEP DEMOLITION CONTRACT DOCUMENTS. IN THE EVENT OF CONFLICTS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DESIGN PROFESSIONALS.
				DE-5	THE CONTRACTOR SHALL USE QUALIFIED, EXPERIENCED PERSONNEL FOR DEMOLITION AND REMOVAL OPERATIONS. PERFORM DEMOLITION AND REMOVAL OPERATIONS IN A CAREFUL AND ORDERLY MANNER TO PREVENT HAZARDS TO PERSONS, DAMAGE TO PROPERTY, AND THE SPREADING OF DUST AND DEBRIS.
				DE-6	DO NOT PERMIT PORTIONS OF THE STRUCTURE TO FALL NOR DEBRIS TO DROP EXCEPT BY METHODS WHICH WILL INSURE INTEGRITY OF THE STRUCTURE.
				DE-7	PRIOR TO THE START OF WORK, VERIFY THAT THE SCOPE OF DEMOLITION INDICATED ON THE CONTRACT DOCUMENTS SHALL NOT DAMAGE, CUT OR DISRUPT SERVICE OF ANY MECHANICAL SYSTEM, ELECTRICAL SYSTEM OR UTILITY EMBEDDED IN THE EXISTING STRUCTURE.
				DE-8	DO NOT REMOVE MORE OF THE EXISTING STRUCTURE THAN INDICATED ON CONTRACT DOCUMENTS. DO NOT DAMAGE, MAR, CUT OR DEFACE THE REMAINING STRUCTURE OR MATERIALS TO BE REUSED.
				DE-9	THE CONTRACTOR SHALL INCLUDE IN HIS BID THE COST OF REMOVING DEMOLISHED MATERIALS FROM THE SITE IN ACCORDANCE WITH ALL APPLICABLE LAWS, CODES, AND REGULATIONS.
				DE-10	WHERE NEW OPENINGS IN EXISTING CONCRETE SLABS OR WALLS ARE TO BE CREATED, THE DEMOLITION CONTRACTOR SHALL CORE HOLES AT THE OUTSIDE CORNERS OF THE NEW OPENING PRIOR TO DEMOLITION. SAW-CUT AND DEMOLISH SLAB OR WALL ONLY AFTER THE INSTALLATION OF ALL REQUIRED NEW STRUCTURAL FRAMING AND/OR REINFORCEMENT IN PLAN OR SECTION, UON. SAW CUTTING SHALL BE STRAIGHT AND SHALL NOT EXTEND INTO EXISTING SLAB OR WALL TO REMAIN NOR BEYOND THE HOLES CORED AT THE CORNERS OF THE NEW OPENING.
				DI_DELEGATED DESIGN ITEMS	
				DI-1	THE CONTRACTOR SHALL EMPLOY OR RETAIN A PROFESSIONAL ENGINEER LICENSED IN THE STATE WHERE THIS PROJECT IS LOCATED TO DESIGN AND DETAIL DELEGATED DESIGN ITEMS TO MEET THE PERFORMANCE AND DESIGN CRITERIA ESTABLISHED AS PART OF THE BASE BUILDING STRUCTURE INDICATED IN THE CONTRACT DOCUMENTS INCLUDING BUT NOT LIMITED TO:
				SU_SUBMITTALS	
				SU-1	THE CONTRACTOR SHALL PROVIDE THE REQUIRED SUBMITTALS FOR STRUCTURAL REVIEW AS OUTLINED IN THE SPECIFICATIONS. THIS INCLUDES BOTH ITEMS FULLY DESIGNED ON THE CONTRACT DOCUMENTS AND ITEMS LISTED AS DELEGATED DESIGN. ITEMS INCLUDE BUT ARE NOT LIMITED TO:  031000 CONCRETE FORMWORK 032000 CONCRETE REINFORCEMENT AND EMBEDDED ASSEMBLIES 033000 CAST-IN-PLACE CONCRETE 033800 POST-TENSIONED CONCRETE 042200 CONCRETE MASONRY UNITS 051200 STRUCTURAL STEEL 316100 FOOTINGS 316316 AUGERCAST PILES
				SU-2	SUBMIT LOADS IMPOSED ONTO BASE BUILDING STRUCTURE BY THE FOLLOWING CONTRACTOR DESIGNED SYSTEMS:  ARCHITECTURAL PRECAST CONCRETE AND CONNECTIONS EXTERIOR CLADDING SYSTEMS ARCHITECTURAL ORNAMENTATION (FLAGPOLES, BANNERS, MASTS, ETC.) ELEVATOR REACTIONS GUARDRAILS WINDOW WASHING TIEBACK, DAVIT, OR BMU SYSTEMS
					WHERE CONTRACTOR LOADS IMPOSED DO NOT EXCEED AND/OR CONNECTION CONDITIONS DO NOT DIFFER FROM WHAT IS INDICATED IN THE STRUCTURAL DRAWINGS, SUBMIT FOR RECORD A LETTER SEALED AND SIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE WHERE THE PROJECT IS LOCATED STATING THE FOLLOWING:  "THE CONTRACTOR DESIGNED SYSTEM HAS BEEN DESIGNED TO IMPOSE LOADS ON THE BASE BUILDING STRUCTURE THAT ARE WITHIN THE LOAD LIMITS AND AT THE LOCATIONS INDICATED ON THE STRUCTURAL DRAWINGS."
					WHERE CONTRACTOR LOADS IMPOSED FOR THE ITEMS LISTED ABOVE EXCEED AND/OR CONNECTION CONDITIONS DIFFER FROM WHAT IS SHOWN IN THE STRUCTURAL DRAWINGS, SUBMIT FOR APPROVAL TO SER LOADS IMPOSED ON THE PRIMARY STRUCTURAL FRAME DUE TO THE DEAD, LIVE, AND WIND/SEISMIC LOADS INDICATED ON THE CONTRACT DOCUMENTS.
					SUBMITTAL SHALL LIST THE DESIGN LOADS USED AND BE SEALED AND SIGNED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE WHERE THE PROJECT IS LOCATED. SUBMITTAL SHALL INCLUDE LOCATION, MAGNITUDE AND DIRECTION OF UNFACTORED IMPOSED LOADS, GRAPHICALLY REPRESENTED IN THEIR APPROPRIATE LOCATIONS ON A COPY OF THE CONTRACT DOCUMENT STRUCTURAL FRAMING PLANS OR ELEVATIONS AS APPROPRIATE. DETAIL REFERENCES IN THE CONNECTIONS APPLICABLE AT EACH LOCATION SHALL BE NOTED ON THE SUBMITTAL DRAWINGS.
				CD_CODES AND DESIGN CRITERIA	
		CD-1	PERFORM ALL CONSTRUCTION IN CONFORMANCE WITH THE BUILDING AND DESIGN CODES REFERENCED WITHIN THESE DOCUMENTS. THE PROJECT DOCUMENTS REFER TO THE FOLLOWING CODES AND STANDARDS, UON:  FLORIDA BUILDING CODE, 2020 EDITION  STRUCTURAL CONCRETE: "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE" THE AMERICAN CONCRETE INSTITUTE (ACI 318-14)  MASONRY: "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES" THE AMERICAN CONCRETE INSTITUTE (TMS 402-16; ACI 530-16; ASCE 5-16)		
			"SPECIFICATION FOR MASONRY STRUCTURES" THE AMERICAN CONCRETE INSTITUTE (TMS 602-16; ACI 53.1-16; ASCE 6-16)		
			STRUCTURAL STEEL: "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS", (AISC 360-16) CONFORMING TO THE PROVISIONS OF LOAD RESISTANCE FACTOR DESIGN, BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC-LRFD)		
		CD-2	SEE DESIGN LOAD DIAGRAMS ON SHEET S0-200A TO S-0200B FOR LOCATIONS AND EXTENT OF LIVE LOAD.		
		CD-3	SEE DESIGN LOAD DIAGRAMS ON SHEET S0-200A TO S-0200B FOR LOCATIONS AND EXTENT OF SUPERIMPOSED DEAD LOADS.		
		CD-4	RISK CATEGORY: II		
		CD-6	WIND LOAD DESIGN DATA (STRENGTH LEVEL): MAIN WIND FORCE RESISTING SYSTEM BASIC WIND SPEED, V 169 MPH EXPOSURE D INTERNAL PRESSURE COEFFICIENT ± 0.18		
		CD-7	SEE DESIGN CLADDING LOAD DIAGRAMS ON SHEETS		
		CD-8	FLOOD LOADS: DESIGNED FOR EQUALIZATION OF HYDROSTATIC FLOOD FORCES IN ACCORDANCE WITH SECTION 2.7.2.2 OF ASCE 24.  ACCORDING TO THE FEMA FLOOD MAP, THIS BUILDING IS LOCATED IN ZONE "AE" WITH BASE FLOOD ELEVATION +5 FT NAVD. DESIGN FLOOD ELEVATION USED FOR DESIGN= +6 FT		
		CD-9	IN CASES WHERE THE CONTRACTOR DETERMINES THAT SUSPENDED OR FLOOR MOUNTED EQUIPMENT LOADS EXIST WHICH EXCEED DESIGN LOADS INDICATED ON CONTRACT DOCUMENTS, CONTRACTOR SHALL SUBMIT LOAD DATA TO DESIGN PROFESSIONALS FOR REVIEW PRIOR TO PROCEEDING WITH WORK.		
		CD-10	DISTRIBUTE THE MAXIMUM LOAD HUNG FROM ANY STRUCTURAL MEMBER FOR DUCTWORK, PIPING ETC OVER THE MEMBER'S TRIBUTARY AREA IN A WAY THAT THE MEP DESIGN SUPERIMPOSED DEAD LOADS LISTED IN CONTRACT DOCUMENTS ARE NOT EXCEEDED. THE CONTRACTOR SHALL COORDINATE THE LOADS OF ALL TRADES AND PROVIDE ADDITIONAL SUPPORT OR DISTRIBUTION FRAMING AS REQUIRED TO ACHIEVE THE ALLOWABLE LOAD DISTRIBUTION.		
		CD-11	ESCALATOR SUPPORTS AND PITS ARE BASED ON ESCALATOR TYPES INDICATED ON ARCHITECTURAL CONTRACT DOCUMENTS. CONTRACTOR SHALL SUBMIT FOR REVIEW ANY PLANNED CHANGE TO ESCALATORS TO DESIGN PROFESSIONALS PRIOR TO SUBMITTING CORRESPONDING STRUCTURAL SHOP DRAWINGS FOR ACTION.		
		CD-12	ELEVATOR GUIDERAIL SUPPORTS, MACHINE ROOMS, PITS, AND PENTHOUSES ARE BASED ON ELEVATOR TYPES INDICATED ON ARCHITECTURAL CONTRACT DOCUMENTS. CONTRACTOR SHALL SUBMIT FOR REVIEW ANY PLANNED CHANGE TO ELEVATORS TO DESIGN PROFESSIONALS PRIOR TO SUBMITTING CORRESPONDING STRUCTURAL SHOP DRAWINGS FOR ACTION.		
		CD-13	STRUCTURAL COMPONENTS ARE NOT DESIGNED FOR VIBRATING EQUIPMENT. MOUNT VIBRATING EQUIPMENT ON VIBRATION ISOLATORS.		
		CD-14	SERVICEABILITY  LIVE LOAD DEFLECTION IS LESS THAN L/360  LONG-TERM TOTAL DEFLECTION IS LESS THAN L/240		
		CD-15	CONNECTIONS OF SYSTEMS DESIGNED BY CONTRACTOR'S ENGINEER SUCH AS, BUT NOT LIMITED TO, CLADDING, STAIRS, ELEVATORS, ESCALATORS, PRECAST, AND MEP LOADS ARE ASSUMED TO IMPOSE VERTICAL AND/OR HORIZONTAL LOADS ON THE BASE BUILDING STRUCTURAL MEMBERS WITHOUT GENERATING TORSION IN THE SUPPORTING STRUCTURAL MEMBERS. CONTRACTOR IS RESPONSIBLE FOR FURNISHING AND INSTALLING ALL SUPPLEMENTARY BRACING MEMBERS AS REQUIRED TO PREVENT TORSION ON THE BASE BUILDING STRUCTURE.		
		CD-16	FOR FIRE RATING AND FIREPROOFING ASSEMBLY EVALUATIONS, CONSIDER THE FOLLOWING ASSEMBLIES RESTRAINED: COMPOSITE WIDE-FLANGE STEEL FRAMING, INTERIOR BAYS OF CONTINUOUS CAST-IN-PLACE CONCRETE CONSTRUCTION. CONSIDER ALL OTHER ASSEMBLIES UNRESTRAINED.		
		CD-17	THERE HAVE BEEN NO LOAD RESTRICTION FACTORS APPLIED TO THE STRUCTURAL DESIGN FOR THE PURPOSES OF SELECTING FIREPROOFING ASSEMBLIES.		
	CIVIL: PROJECT DATUM SITING OF BUILDING GRID LINES WITH RESPECT TO CITY BENCHMARKS SITE PREPARATION BACKFILLING MATERIALS AND REQUIREMENTS PAVING AND SITE ELEMENTS OUTSIDE OF BUILDING ENVELOPE NEW AND EXISTING SITE UTILITIES  ARCHITECTURAL: PLAN DIMENSIONS AND PROJECT DATUM SLAB EDGE DIMENSIONS FINISH ELEVATIONS WATERPROOFING AND DAMP-PROOFING DETAILS RAMP GEOMETRY, PITS, SLAB SLOPES AND DEPRESSIONS EMBEDMENTS, INSERTS, BLOCKOUTS, ETC. EXACT OPENING SIZES FOR PIPES, DUCTS, ETC. CONCRETE FINISHES AND TOPPING SLABS CONCRETE CURBS AND HOUSEKEEPING PADS INTERIOR NON-STRUCTURAL MASONRY PARTITIONS FIRE RATINGS METAL PAN STAIRS AND SUPPORTS OPERABLE PARTITIONS				

					FOR EXTERIOR WALL ASSEMBLIES, THE LOADS IMPOSED SUBMITTAL SHALL BE COMPREHENSIVE INDICATING THE LOADS IMPOSED ON THE BASE BUILDING STRUCTURE AND SHALL INCLUDE THE REACTIONS BASED ON THE ACTUAL LOADS OF THE ENTIRE ASSEMBLY, INCLUDING BUT NOT LIMITED TO GLAZING, CLADDING, METAL STUD BACKUP, AND MULLIONS.
					FOR MEP SYSTEMS, THE LOADS IMPOSED SUBMITTAL SHALL BE COMPREHENSIVE INDICATING THE LOADS IMPOSED ON THE BASE BUILDING STRUCTURE AND SHALL INCLUDE THE REACTIONS BASED ON THE ACTUAL LOADS OF THE ENTIRE MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION
					SYSTEM, INCLUDING BUT NOT LIMITED TO PIPING, DUCTS, ELECTRICAL RACEWAYS, AND EQUIPMENT WEIGHTS.
					A SUBSTITUTION REQUEST MAY BE REQUIRED WHERE CONTRACTOR LOADS IMPOSED EXCEED AND/OR CONNECTION CONDITIONS DIFFER FROM THE BASIS OF DESIGN.
				SU-3	THE SER'S REVIEW OF SUBMITTALS SHALL BE FOR GENERAL CONFORMANCE WITH THE DESIGN INTENT. NO WORK SHALL BE STARTED WITHOUT SUCH REVIEW.
				FN_FOUNDATIONS	
				FN-1	THE FOUNDATION DESIGN IS BASED ON THE PRELIMINARY GEOTECHNICAL REPORT BY .
				FN-2	FOUNDATIONS HAVE BEEN DESIGNED BASED ON THE FOLLOWING DESIGN VALUES FROM THE GEOTECHNICAL REPORT (SERVICE LEVEL):  SEE GEOTECHNICAL REPORT FOR ADDITIONAL REQUIREMENTS AND INFORMATION. DESIGN VALUES SHALL BE FIELD VERIFIED BY QUALIFIED GEOTECHNICAL ENGINEER RETAINED BY THE OWNER.
				FN-3	THE CONTRACTOR SHALL VERIFY FOUNDATION INSTALLATION AND CONSTRUCTION IS IN CONFORMANCE WITH THE RECOMMENDATIONS OUTLINED IN THE GEOTECHNICAL REPORT.
				FN-4	CONTRACTOR SHALL BE RESPONSIBLE TO ADEQUATELY PROTECT ALL EXCAVATION. WHERE NECESSARY, SHEET AND SHORE THE EXCAVATION WITH ALL REQUIRED TIEBACKS AND BRACING AS DETERMINED BY CONTRACTOR'S ENGINEER.
				FN-5	PROVIDE BRACING FOR ALL BASEMENT FOUNDATION WALLS PRIOR TO BACKFILLING. THIS BRACING SHALL REMAIN IN PLACE UNTIL ALL SLABS AND BEAMS FRAMING INTO WALL HAVE BEEN PLACED AND HAVE ATTAINED 100% OF THEIR DESIGN STRENGTH.
				FN-6	DO NOT BACKFILL AGAINST CANTILEVER RETAINING WALLS UNTIL THE CONCRETE HAS ATTAINED 100% OF ITS DESIGN STRENGTH.
				CM_CONCRETE MATERIALS	
				CM-1	CONCRETE STRENGTH SHALL MEET THE FOLLOWING 28-DAY COMPRESSIVE STRENGTHS (f' c), UON:  SITE RETAINING WALLS 5,000 PSI CAISSONS AND PILES TBD PSI FOOTINGS, PILE CAPS AND PIERS 6,000 PSI GRADE BEAMS 6,000 PSI NON-SHRINK GROUT 8,000 PSI SLAB ON GRADE OR HYDROSTATIC SLAB 6,000 PSI FORMED CONCRETE SLABS AND BEAMS 6,000 PSI CONCRETE HOUSEKEEPING PADS, AND FILL SLABS 5,000 PSI COLUMNS 6,000 PSI CONCRETE SHEAR WALLS 6,000 PSI
				CM-2	PROVIDE NORMALWEIGHT CONCRETE WITH CURED DENSITY OF 145 +/- 5 PCF, AND AGGREGATE CONFORMING TO ASTM C33, UON. WHERE INDICATED, PROVIDE LIGHTWEIGHT CONCRETE WITH CURED DENSITY OF 112+/-3 PCF AND AGGREGATE CONFORMING TO ASTM C330.
				CM-3	THE USE OF CALCIUM CHLORIDE AND OTHER CHLORIDE CONTAINING AGENTS IS PROHIBITED. THE USE OF RECYCLED CONCRETE IS PROHIBITED. PLACEMENT WITHIN AND CONTACT BETWEEN ALUMINUM ITEMS, INCLUDING ALUMINUM CONDUIT, AND CONCRETE IS PROHIBITED.
				CM-4	ALL CAST-IN-PLACE CONCRETE WILL EXPERIENCE DIFFERING VARIATIONS OF CRACKING. ANY ELEMENT EXPOSED TO DIRECT WEATHER AND/OR TEMPERATURE VARIATIONS DURING CONSTRUCTION OR IN THE FINAL CONDITION IS TO BE TREATED AND REGULARLY MAINTAINED TO PREVENT PROPAGATION OF CRACKS AND WATER PENETRATION. THE CONTRACTOR SHALL DEVELOP A REGULAR MAINTENANCE PROGRAM AND SUBMIT IT TO THE OWNER.
				RE_CONCRETE REINFORCEMENT	
				RE-1	ALL CONCRETE SHALL INCLUDE REINFORCEMENT. IF REINFORCEMENT IS NOT SPECIFICALLY INDICATED ON THE DRAWINGS VERIFY WITH THE SER.
				RE-2	REINFORCEMENT SHALL CONFORM TO THE FOLLOWING STANDARDS AND MATERIAL PROPERTIES UON:  DEFORMED BARS: ASTM A615 GRADE 60 #3 TO #8 GRADE 75 #9 TO #11 WELDABLE DEFORMED BARS: ASTM A706 EPOXY COATED DEFORMED BARS: ASTM A615 / A775 WELDED WIRE REINFORCEMENT ASTM A1064 EPOXY COATED WELDED WIRE REINFORCEMENT ASTM A1064 / A884
				RE-3	DETAIL REINFORCEMENT BASED ON THE PROJECT REQUIREMENTS, ACI-318 AND ACI-315, UON.
				RE-4	WHERE A 90-DEG, 135 -DEG OR 180-DEG HOOK IS GRAPHICALLY INDICATED, PROVIDE CORRESPONDING ACI STANDARD HOOKS UON.
				RE-5	DOWELS SHALL MATCH SIZE AND SPACING OF MAIN REINFORCEMENT UON.
				RE-6	REINFORCEMENT SHALL HAVE CONCRETE PROTECTION (CLEAR COVER) PER ACI 318 UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
				RE-7	LAP REINFORCEMENT ONLY AT LOCATIONS AS SPECIFICALLY DETAILED ON THE DRAWINGS EXCEPT REINFORCEMENT MARKED AS CONTINUOUS CAN BE SPLICED AT LOCATIONS DETERMINED BY CONTRACTOR USING TENSION LAP SPLICES (LTS). SEE LAP SPLICE AND EMBEDMENT SCHEDULE.
				RE-8	UNLESS OTHERWISE NOTED ALL LAP SPLICES ARE TO BE TENSION LAP SPLICES PER LAP SPLICE AND EMBEDMENT SCHEDULE.
				RE-9	PROVIDE MECHANICAL SPLICES FOR BARS LARGER THAN #11 OR WHERE INDICATED. PROVIDE TENSILE, PRE-QUALIFIED, WELDED OR THREADED MECHANICAL SPLICES UON.

ARQUITECTONICA

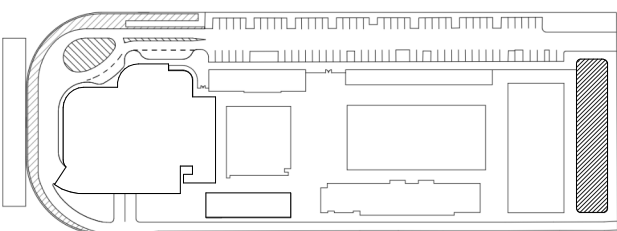
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PROJECT

ISHOF

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KEY PLAN:

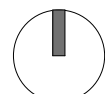


△	DESCRIPTION	DATE
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NOT FOR CONSTRUCTION

SEAL & SIGNATURE

TO THE BEST OF THE STRUCTURAL ENGINEERS KNOWLEDGE THE PLANS, DETAILS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE BUILDING CODES

PROJECT NORTH:  


DRAWING TITLE  
GENERAL NOTES

PROJECT NUMBER: 010326.000  
DATE: 05/21/22  
SCALE:  
SHEET

S0-001

CAM 23-0723  
Exhibit 1L  
Page 34 of 171



RE-10	LAP WELDED WIRE REINFORCEMENT TWO PANEL SPACINGS, UON.
RE-11	PROVIDE LAP SPLICE LOCATIONS AS FOLLOWS, UON: A. GRADE BEAM / WALL (TOP HORIZONTAL REINFORCEMENT): AT CENTER OF SPAN B. GRADE BEAM / WALL (BOTTOM HORIZONTAL REINFORCEMENT): AT SUPPORTS C. WALL INSIDE FACE (VERTICAL REINFORCEMENT): AT SUPPORT D. WALL OUTSIDE FACE (VERTICAL REINFORCEMENT): AT STORY MIDHEIGHT OF WALL FOR BELOW GRADE FOUNDATION WALLS, AT SUPPORT FOR OTHER WALLS E. UNLESS OTHERWISE NOTED TERMINATE BARS AT DISCONTINUOUS ENDS WITH STANDARD HOOKS.
RE-12	PROVIDE EPOXY COATED REINFORCEMENT AND ACCESSORIES IN AREAS OF DIRECT EXPOSURE TO THE ENVIRONMENT, CHEMICALS, OR DE-ICING FOR THE AREAS INDICATED ON THE DRAWINGS.
<b>CJ CONCRETE CONSTRUCTION AND CONTRACTION JOINTS</b>	
CJ-1	PROVIDE CONSTRUCTION JOINTS IN ACCORDANCE WITH ACI-318. SUBMIT SHOP DRAWINGS SHOWING PROPOSED CONSTRUCTION JOINT LOCATIONS, DETAILS AND THE PLACEMENT SEQUENCE FOR THE SER'S APPROVAL PRIOR TO PROCEEDING WITH WORK.
CJ-2	UNLESS SPECIFICALLY SHOWN ON THE DRAWINGS, HORIZONTAL CONSTRUCTION JOINTS SHALL NOT BE PERMITTED IN FOOTINGS, PILE CAPS, MAT FOUNDATIONS, GRADE BEAMS, BEAMS, UPTURNED BEAMS, SLABS, AND WALLS WITHOUT PRIOR WRITTEN APPROVAL FROM THE SER BEFORE CONSTRUCTION.
CJ-3	PLACE VERTICAL CONSTRUCTION JOINTS TO PROVIDE A <b>60 FT</b> MAXIMUM LENGTH OF CONCRETE PLACEMENT AND LOCATE AS FOLLOWS: A. FOUNDATION WALLS: MINIMUM OF <b>8 FT</b> FROM ANY WALL INTERSECTION, PILASTER, PIER, OR WALL OPENING B. BEAMS AND GRADE BEAMS: WITHIN THE MIDDLE THIRD OF THE CLEAR SPAN AVOIDING LAP SPLICES, SUBJECT TO SER APPROVAL.
CJ-4	PROVIDE CONTINUOUS WATERSTOPS AT ALL CONSTRUCTION JOINTS EXPOSED TO SOIL OR WATER, AS DESCRIBED IN THE SPECIFICATIONS AND WHERE INDICATED IN THE ARCHITECTURAL DOCUMENTS.
<b>PT POST-TENSIONED CONCRETE</b>	
<b>GENERAL:</b>	
PT-0	POST-TENSIONED CONCRETE WORK SHALL CONFIRM TO CONTRACT SPECIFICATION SECTION 033800. A QUALIFIED TESTING AGENCY SHALL COORDINATE INSPECTIONS OF ALL POST-TENSIONING WORK FOLLOWING THE THRESHOLD INSPECTION PLANS.
<b>MATERIAL:</b>	
PT-1	POST-TENSIONING SYSTEM SHALL BE UNBONDED MONO-STRAND SYSTEM UON. THE STRAND SHALL BE 1/2-INCH DIAMETER, SEVEN-WIRE LOW RELAXATION STRAND GRADE 270 CONFIRMING TO ASTM A416.
PT-2	TENDONS SHALL BE COATED WITH CORROSION PREVENTIVE GREASE AND ENCLOSED IN A CONTINUOUS PLASTIC SHEATHING, AND RUST PROTECTED, PROVIDE COMPLETE WATERTIGHT ENCAPSULATION SYSTEM FOR PRESTRESSING STEEL, ANCHORAGES, AND COUPLINGS IN COMPLIANCE WITH ACI 423. ALL ANCHORING HARDWARE SHALL MEET THE MINIMUM REQUIREMENTS SET FORTH IN ACI 423-7. SPECIFICATION FOR UNBONDED SINGLE-STRAND TENDON MATERIALS.
<b>PT FORCE:</b>	
PT-3	POST-TENSIONING FORCES INDICATED ON THE STRUCTURAL DRAWINGS ARE THE REQUIRED FINAL EFFECTIVE FORCES AFTER ALL IMMEDIATE AND LONG-TERM LOSSES. THE POST-TENSIONING SUPPLIER IS RESPONSIBLE FOR CALCULATIONS OF FRICTION AND PRESTRESS LOSSES AND TO PROVIDE FINAL EFFECTIVE FORCE AS INDICATED IN THE STRUCTURAL DRAWINGS. THE SHOP DRAWINGS SHALL BE ACCOMPANIED BY SIGNED AND SEALED COMPUTATIONS OF ALL POST-TENSION LOSSES SHOWING THAT THE FINAL EFFECTIVE FORCE WILL BE ACHIEVED. NO DEVIATIONS FROM THE QUANTITIES SHOWN ON THE STRUCTURAL DRAWINGS ARE PERMITTED WITHOUT THE PRIOR WRITTEN APPROVAL FROM THE SER. ALL THE CALCULATIONS SHALL BE PERFORMED, SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF FLORIDA.
<b>INSTALLATION:</b>	
PT-4	FIELD FOREMAN: THE FIELD FORMAN RESPONSIBLE FOR THE PLACEMENT, STRESSING AND FINISHING OF ALL POST-TENSIONING MATERIAL (INCLUDING ALL MILD REINFORCEMENT NECESSARY FOR PROPER INSTALLATION OF THE POST-TENSIONING TENDONS) SHALL BE PTI CERTIFIED WITH A MINIMUM OF FIVE YEARS EXPERIENCE IN THIS CAPACITY FOR THIS TYPE OF CONSTRUCTION.
PT-5	TENDONS SHALL BE DRAPED TO APPROXIMATE A PARABOLIC PROFILE BETWEEN SUPPORTS, UON, AND SHALL CONFORM TO THE CONTROL POINTS SHOWN IN THE PROFILE ON THE DRAWINGS. DIMENSIONS SHOWN INDICATE THE CENTER OF GRAVITY OF THE TENDON OR GROUP OF TENDONS. LOW POINTS ARE AT MID-SPAN UON. EFFECTIVE COVERS SHOWN ON THE DRAWINGS SHALL NOT BE VARIED TO ACHIEVE THE PROFILE WITHOUT PRIOR APPROVAL OF THE STRUCTURAL ENGINEER. PROPER TENDON LOCATION SHALL HAVE PRIORITY OVER ALL OTHER MATERIALS AND TRADES. RELOCATING TENDONS CAN ONLY BE DONE WITH WRITTEN APPROVAL FROM THE SER. UON, TYPICAL TENDON ELEVATIONS SHOULD BE AS FOLLOWS: A. 1" FROM THE TOP AT SUPPORTS B. 1" FROM THE BOTTOM AT MIDSPAN C. MID-DEPTH AT SLAB EDGE
PT-6	TENDON LAYOUT AND SPACING SHALL BE CLEARLY SHOWN IN THE SHOP DRAWINGS SUBMITTED FOR APPROVAL. PROPER TENDON LOCATION SHALL HAVE PRIORITY OVER ALL OTHER MATERIAL AND TRADES. SLIGHT DEVIATION IN SPACING OF SLAB TENDONS SHOWN ON THE DRAWINGS MAY BE PERMITTED WHERE REQUIRED TO AVOID OPENINGS OR OTHER OBSTRUCTIONS. MAJOR DEVIATION OF TENDON LAYOUT CAN ONLY BE DONE WITH WRITTEN APPROVAL FROM THE SER. TENDON INSTALLATION MAY NOT BEGIN UNTIL THE CONTRACTOR HAS OBTAINED APPROVAL OF THE SHOP DRAWINGS.
PT-7	TENDON PLACEMENT: CARE SHALL BE TAKEN THAT TENDONS ARE INSTALLED AND HELD IN THEIR DESIGNATED POSITIONS AS SHOWN ON THE APPROVED INSTALLATION SHOP DRAWINGS. EXCEPT AS NOTED IN THE CONSTRUCTION DOCUMENTS OR APPROVED BY THE STRUCTURAL ENGINEER OF RECORD, TOLERANCES FOR THE VERTICAL LOCATION OF THE PRESTRESSING STEEL SHALL NOT BE MORE THAN ±1/4" FOR SLAB THICKNESS LESS THAN 8", 3/8" FOR CONCRETE WITH DIMENSIONS MORE THAN 8" BUT NOT MORE THAN 2'-0", AND 1/2" FOR CONCRETE WITH DIMENSIONS MORE THAN 2'-0".
PT-8	WHEN THE TENDONS IN THE POST-TENSIONED SLABS ARE MOVED Laterally TO CLEAR OPENINGS AND/OR SLEEVES AT FIXED LOCATIONS, PROVIDE A MINIMUM 2" CLEAR DISTANCE BETWEEN SUCH OPENINGS AND/OR SLEEVES AND THE RELOCATED TENDONS. ALL OPENINGS AND/OR SLEEVES SHOULD BE POSITIONED IN THE PROPER LOCATIONS PRIOR TO POURING OF THE CONCRETE.
PT-9	THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE STRUCTURAL ENGINEER WHERE TENDONS FOR DIFFERENT POST-TENSIONED MEMBERS INTERFERE WITH ONE ANOTHER. RELOCATING TENDONS CAN ONLY BE DONE WITH WRITTEN APPROVAL FROM THE SER.

PT-10	MINIMUM CHAIRING FOR SLAB TENDONS: TENDONS SHALL BE SUPPORTED ON (#4) REINFORCING BARS SPACED AT A MAXIMUM OF 48" ON CENTER AND SECURED TO THE SUPPORT BAR AT EACH TENDONS/SUPPORT BAR INTERSECTION TO ENSURE THAT THE CORRECT VERTICAL AND HORIZONTAL LOCATION IS MAINTAINED DURING THE PLACING OF THE CONCRETE. SUPPORTS SHALL BE INSTALLED TO PREVENT EXCESSIVE MOVEMENT DURING PLACEMENT OF CONCRETE. CHAIRS GREATER THAN 2-1/2" IN SIZE SHALL BE STAPLED TO THE FORMWORK.
PT-11	TENDONS OVER COLUMNS IN TWO-WAY SLAB CONSTRUCTION, ALL REQUIRED TENDONS MUST BE PLACED THROUGH THE CENTER OF MASS OF THE COLUMN AS BEST AS POSSIBLE IN THE BANDED DIRECTIONS. A MINIMUM OF TWO TENDONS IN BOTH DIRECTIONS MUST PASS BETWEEN THE COLUMN LONGITUDINAL REINFORCEMENT. DISTRIBUTED TENDONS SHALL BE PLACED IN A LAYER BELOW THE BANDED TENDONS AT COLUMN LOCATIONS.
PT-12	TENDON GROUPS: TENDONS IN BANDED TENDON BEAMS AND SLABS SHALL BE GROUPED TO PROVIDE ADEQUATE CLEARANCE TO MILD REINFORCING AND FACILITATE CONCRETE PLACEMENT. THE MAXIMUM NUMBER OF STRANDS PER BUNDLE IS FIVE (5) FOR SLABS AND SIX (6) FOR BEAMS UNLESS OTHERWISE NOTED ON THE APPROVED INSTALLATION DRAWINGS.
PT-13	POUR STRIP: SHRINKAGE COMPENSATING POUR STRIP HAS BEEN DESIGNED TO REDUCE LOCKED-IN SHRINKAGE STRESSES THAT MAY OCCUR. REINFORCEMENT FROM EACH SIDE OF THIS AREA SHOULD BE LAPPED AS PER TYPICAL POUR STRIP DETAIL. NO REINFORCEMENT SHALL BE CONTINUOUS THROUGH THIS POUR STRIP.
PT-14	CONSTRUCTION JOINT LOCATION. POUR STRIPS AND POUR SEQUENCE IF ANY SHOWN ON THE DRAWINGS HAS BEEN CONSIDERED IN THE DESIGN TO MINIMIZE THE EFFECTS OF ELASTIC AND LONG-TERM SHORTENING. IF A CHANGE IS REQUESTED, THEN THE CONTRACTOR SHALL SUBMIT DRAWINGS SHOWING PROPOSED CONSTRUCTION JOINT LOCATIONS, POUR STRIPS AND POUR SEQUENCE TO THE SER FOR REVIEW AND APPROVAL. ANY ADDITIONAL REINFORCING SHALL BE PROVIDED AS PER TYPICAL DETAILS SHOWN ON THESE DRAWINGS.
PT-15	PENETRATIONS, INSERTS AND OPENINGS IN SLABS: ALL OPENINGS IN CONCRETE SLABS SHALL BE LOCATED, SIZED AND REINFORCED (WITH THE EXCEPTION OF SMALL OPENINGS AND/OR SLEEVES OF A SIZE UP TO 12 IN THAT WILL NOT DISPLACE OR INTERRUPT THE CONTINUITY OF THE REINFORCING) AS SHOWN ON RESPECTIVE FLOOR PLANS AND DETAILS. ANY ALTERATIONS REQUIRE APPROVAL OF THE STRUCTURAL ENGINEER. (SEE TYPICAL SLAB OPENING DETAIL). G.C. TO PROVIDE ALLOWANCE FOR THE REINFORCING REQUIRED FOR ALL OPENINGS. ALL OPENINGS REQUIRED BY OTHER TRADES ARE TO BE COORDINATED W/ARCH. & MECH. DWGS., AND ARE SUBJECT TO STRUCTURAL ENGINEERING APPROVAL. SUBMIT DRAWINGS SHOWING ALL SLAB PENETRATIONS AND BLOCK-OUTS INCLUDING EMBEDMENTS AND INSERTS WELL IN ADVANCE WITH AT LEAST FOUR WEEKS PRIOR TO CONCRETE POUR FOR REVIEW BY THE SER.
PT-16	THE CONTRACTOR SHALL COORDINATE THE LOCATION OF EMBEDDED ITEMS WITH POST-TENSIONING MATERIAL SUPPLIER AND RESOLVE ANY CONFLICTS PRIOR TO INSTALLATION. PIPES OR CONDUITS PLACED IN POST-TENSIONED SLABS SHALL NOT BE PLACED CLOSER THAN 3-DIAMETERS ON CENTER AND SHALL HAVE AN OUTSIDE DIAMETER LESS THAN 1/4 OF THE SLAB THICKNESS. CONDUITS SHALL BE PLACED IN THE MIDDLE THIRD OF THE SLAB THICKNESS, INCLUDING LOCATIONS WHERE CONDUIT CROSSES, AND SHALL BE POSITIONED SO THAT THEY DO NOT INTERFERE WITH SLAB REINFORCEMENT. ALUMINUM CONDUITS SHALL NOT BE PLACED IN CONCRETE. SUBMIT AN EMBEDDED CONDUIT PLAN TO THE SER 30 DAYS PRIOR TO ANY SLAB POUR.
PT-17	CORING OF POST-TENSIONED MEMBERS SHALL NOT BE PERMITTED WITHOUT WRITTEN APPROVAL FROM THE SER.
<b>STRESSING:</b>	
PT-18	TENDONS SHALL BE STRESSED WITHIN 72 HOURS OF POURING PER CONCRETE. THE STRESSING OF TENDONS SHALL BE PERMITTED ONLY AFTER THE CONCRETE HAS ATTAINED A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI BASED ON THE LOWEST BREAK, OR AS OTHERWISE DEFINED ON DRAWINGS.
PT-19	STRESSING SEQUENCE 1- STRESS ALL TEMPERATURE TENDONS. 2- STRESS ALL UNIFORM TENDONS. 3- STRESS ALL BANDED TENDONS. 4- STRESS ALL BEAM TENDONS.
PT-20	CALIBRATION: THE RAM AND ATTENDANT GAUGE USED AS A UNIT SHALL HAVE BEEN CALIBRATED WITHIN SIXTY (60) DAYS OF THEIR USE.
PT-21	ELONGATION MEASUREMENTS SHALL BE MADE AT EACH STRESSING LOCATION. RECORDS SHALL BE KEPT OF ALL JACKING FORCES AND ELONGATIONS. PRESTRESS INSPECTOR SHALL PROMPTLY SUBMIT CERTIFIED RECORDS OF THE ELONGATION AND GAGE READINGS OF THE STRESSING OPERATION TO THE STRUCTURAL ENGINEER OF RECORD FOR REVIEW PRIOR TO CUTTING EXCESS TENDON LENGTHS. INDIVIDUAL TENDON ELONGATION READINGS SHALL NOT VARY BY MORE THAN ±7% FROM CALCULATED REQUIRED VALUES SHOWN ON SHOP DRAWINGS. IF MEASURED ELONGATIONS VARY FROM CALCULATED VALUES BY MORE THAN ±7%, THE CONTRACTOR SHALL PROVIDE EXPLANATION IN WRITING SUPPORTED BY FRICTION CALCULATIONS AND/OR OTHER JUSTIFICATION TO THE SATISFACTION OF THE ENGINEER. SUCH DOCUMENTATION SHALL BE SIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF FLORIDA. LIFT-OFFS SHALL ONLY BE PERFORMED AT THE DIRECTION OF THE SER.
<b>FINISHING AND GROUTING OF STRESSING POCKETS:</b>	
PT-22	AFTER STRESSING IS COMPLETED, ELONGATIONS VERIFIED AND WITH PRIOR APPROVAL OF THE STRUCTURAL EOR, TENDONS TAILS SHALL BE CUT OFF BETWEEN 1/2" – 3/4" FROM ANCHOR WEDGES USING AN ABRASIVE WHEEL, HYDRAULIC SHEARS, OR A PLASMA CUTTER. USE OF AN OXYACETYLENE TORCH IS NOT PERMITTED.
PT-23	AS SOON AS PRACTICAL AFTER STRANDS HAVE BEEN CUT OFF AND INSPECTED; THE TENDON TAILS SHALL BE PROPERLY GREASE-CAPPED (PRE-FILLED WITH GREASE) WITHIN ONE DAY PROVIDING POSITIVE MECHANICAL CONNECTION TO THE ANCHORAGES.
PT-24	AFTER SATISFACTORY COMPLETION OF TENDON TAIL FINISHING, TO STOP MOISTURE PENETRATION, STRESSING POCKETS SHALL BE FILLED WITH NON-METALLIC AND NON-SHRINK GROUT WITH BONDING AGENT TO ENHANCE THE BOND BETWEEN THE GROUT AND THE STRESSING POCKET. MAKE SURE THAT THE POCKETS ARE FREE FROM DEBRIS AND GREASE. GROUT USED FOR FILLING POCKET SHALL NOT CONTAIN CHLORIDES OR OTHER CHEMICALS KNOWN TO BE DELETERIOUS TO PRESTRESSING STEEL, AND SHALL BE NON-REACTIVE WITH PRESTRESSING STEEL, ANCHORAGE MATERIAL AND CONCRETE.

<b>GENERAL:</b>	
PT-25	NO FLOOR SHALL BE POURED UNTIL THE FLOOR BELOW HAS BEEN COMPLETELY STRESSED, UNLESS WRITTEN PERMISSION IS OBTAINED FROM THE SER.
PT-26	POST-INSTALLED ANCHORS SHALL NOT PENETRATE MORE THAN 3/4- INCH INTO POST-TENSIONED MEMBER UNLESS SPECIAL PRECAUTIONS ARE USED TO INDICATE LOCATIONS OF ALL TENDONS. POST-INSTALLED ANCHORS INTO POST-TENSIONED MEMBERS SHALL NOT BE PERMITTED WITHOUT PRIOR WRITTEN APPROVAL FROM THE SER.
PT-27	SHORING: UNLESS FULL SHORING IS REQUIRED TO CARRY THE FLOORS ABOVE, THE SHORING SUPPORTING SLABS AND BEAMS MAY BE STRIPPED WHEN ALL TENDONS HAVE BEEN SATISFACTORILY STRESSED AND THE SER'S APPROVAL IS OBTAINED. RE-SHORE IN ACCORDANCE WITH THE APPROVED SHORING PLAN. SHORING REQUIREMENTS FOR STAGE-STRESSED TRANSFER GIRDERS SHALL BE NOTED ON THE DRAWINGS. IN AREAS SUPPORTING PARTIAL SPAN SUCH AS NEAR A POUR STRIP OR CONSTRUCTION JOINT, THE SHORING IN THE PARTIAL SPAN SHALL STAY IN PLACE UNTIL THE REMAINING SECTION OF THE SPAN HAS BEEN POURED AND STRESSED. IN SOME CASES, THE IMMEDIATE BACK SPAN MAY ALSO NEED TO REMAIN SHORED UNTIL THE ADJACENT SPAN IS COMPLETED. IF THIS IS REQUIRED, IT SHALL BE SPECIFIED ON THE POST-TENSIONING INSTALLATION DRAWINGS.
PT-28	MITIGATION OF RESTRAINT CRACKS IN POST-TENSIONED SLABS SPECIAL NOTES TO OWNER: UNDER NORMAL CONDITIONS, AND FOR CONVENTIONAL BUILDINGS SUCH AS THIS PROJECT, REINFORCED CONCRETE AS WELL AS POST-TENSIONED CONCRETE DEVELOP CRACKS. THE CRACKS ARE DUE TO INHERENT SHRINKAGE OF CONCRETE, CREEP AND RESTRAINING EFFECTS OF VERTICAL AND OTHER STRUCTURAL ELEMENTS TO WHICH THE BEAMS/SLABS ARE TIED. THESE TYPES OF CRACKS FORMED ARE NORMALLY COSMETIC. THE SLAB NORMALLY MAINTAINS ITS SERVICEABILITY AND STRENGTH REQUIREMENTS. DUE TO SPECIAL FEATURES OF UNBONDED POST-TENSIONING, IT IS POSSIBLE THAT A NUMBER OF HAIR CRACKS, WHICH WOULD NORMALLY SPREAD OVER A WIDE AREA, WILL INTEGRATE INTO A SINGLE CRACK WITH A WIDTH EXCEEDING 0.01 INCH. IT IS EMPHASIZED THAT ALTHOUGH CRACK MITIGATION TECHNIQUES HAVE BEEN IMPLEMENTED IN THE DESIGN OF THE SLABS FOR THIS PROJECT, IT IS NOT PRACTICAL TO ACHIEVE COMPLETE INHIBITION OF ALL CRACKS. MOST SUCH CRACKS DEVELOP OVER THE FIRST THREE YEARS OF THE LIFE OF THE FLOOR SYSTEM. THESE CRACKS DO NOT NORMALLY IMPAIR THE STRUCTURAL INTEGRITY OF THE SLABS, HOWEVER THEY NEED TO BE SEALED TO PROTECT THE REINFORCING FROM EXPOSURE TO HUMIDITY AND CORROSIVE ENVIRONMENT. CRACKS WHICH ARE WIDER THAN 0.01 INCH MAY NEED TO BE PRESSURE EPOXIED. JOINTS ARE PROVIDED TO ALLOW MOVEMENTS. MOVEMENTS DUE TO CREEP AND SHRINKAGE MAY BE NOTICEABLE AT JOINTS UP TO TWO YEARS AFTER CONSTRUCTION, BEYOND WHICH MOVEMENTS DUE TO VARIATIONS IN TEMPERATURE WILL PERSIST. THE GENERAL CONTRACTOR SHALL RETAIN A PROFESSIONAL ENGINEER TO INSPECT THE SLABS IN ORDER TO DETERMINE IF CRACKS ARE PRESENT, WHETHER THEY NEED TO BE SEALED AND/OR EPOXY INJECTED AND PROVIDE SPECIFICATIONS AND/OR REPAIR PROCEDURES & PERFORM THE REPAIRS. AN APPROXIMATE COST FOR THESE REPAIRS SHALL BE ESTIMATED AND PAID BY OWNER/CONTRACTOR. REFER TO THE BID NOTES
<b>MA MASONRY</b>	
MA-1	LOAD BEARING, NON-LOAD BEARING, AND BACKUP WALL CONCRETE MASONRY CONSTRUCTION SHALL CONFORM TO THE FOLLOWING MATERIAL STANDARDS:  CONCRETE BLOCK:       ASTM C90, NORMALWEIGHT (135 PCF) MORTAR:                 ASTM C270, TYPE S OR M PORTLAND CEMENT GROUT:                  ASTM C476 COMPRESSIVE STRENGTH 2000 PSI (28 DAY) SELF-CONSOLIDATING (REQUIRED UNLESS MECHANICAL VIBRATION IS USED TO CONSOLIDATE THE GROUT)  REINFORCEMENT:       ASTM A615, GRADE 60 JOINT REINFORCEMENT: ASTM A951, TRUSS OR LADDER TYPE GALVANIZE PER ASTM A153  ADHESIVE ANCHORS:    HILTI HIT-HY 270
MA-2	THE MINIMUM COMPRESSIVE STRENGTH OF THE MASONRY (f m) SHALL BE 2,000 PSI UON, VERIFIED BY THE UNIT STRENGTH METHOD IN ACCORDANCE WITH THE ABOVE REFERENCED SPECIFICATIONS.
MA-3	CALCIUM CHLORIDE SHALL NOT BE USED IN MORTAR OR GROUT.
MA-4	PROVIDE FULL FACE SHELL MORTAR COVERAGE ON MASONRY UNIT HORIZONTAL AND VERTICAL (BED AND HEAD) FACE SHELL JOINTS.
MA-5	PROVIDE FULL MORTAR COVERAGE ON WEBS AROUND ALL GROUTED CELLS.
MA-6	LAY MASONRY UNITS IN RUNNING BOND UON WITH UNITS DESIGNED TO ALIGN WITH WEBS IN EACH COURSE.
MA-7	REFER TO PLANS AND DETAILS FOR BONDED JOINT REQUIREMENTS AT WALL CORNERS AND INTERSECTIONS, WHERE INDICATED ON DRAWINGS. INTERLOCK WALLS WITH METAL TIES, ANCHORS OR PREFABRICATED JOINT REINFORCEMENT UON ON DRAWINGS OR IN SPECIFICATIONS.
MA-8	GROUT SOLID CELLS WITH REINFORCEMENT. GROUT SOLID CELLS IN BELOW GRADE CONSTRUCTION WHERE MASONRY IS IN CONTACT WITH SOIL.
MA-9	PROVIDE MINIMUM VERTICAL REINFORCING OF #5 AT 48"OC, UNLESS NOTED OTHERWISE ON PLAN OR MASONRY WALL SCHEDULES.
MA-10	GROUT MINIMUM OF ONE (1) CELL WITH REINFORCEMENT AT EACH SIDE OF ALL OPENINGS. SEE DRAWINGS FOR ADDITIONAL REINFORCEMENT REQUIREMENTS.
MA-11	WHERE STRAP ANCHORS ARE REQUIRED BY DRAWINGS OR SPECIFICATIONS, LOCATE THEM AT DIFFERENT BED JOINTS THAN THOSE RECEIVING HORIZONTAL JOINT REINFORCEMENT.
MA-12	PROVIDE HORIZONTAL JOINT REINFORCING PER SPECIFICATION IN EVERY OTHER COURSE (I.E. 16" OC)
MA-13	WHERE REQUIRED, LAP HORIZONTAL JOINT REINFORCEMENT BY AT LEAST 6 INCHES.
MA-14	WHEN THE FOLLOWING CONDITIONS ARE MET, PLACE GROUT IN LIFTS NOT EXCEEDING 12FT-8IN 1. MASONRY HAS CURED FOR AT LEAST 4 HOURS 2. GROUT SLUMP IS MAINTAINED BETWEEN 10 AND 11 INCHES 3. NO INTERMEDIATE REINFORCED BOND BEAMS ARE PLACED BETWEEN THE TOP AND THE BOTTOM OF THE POUR HEIGHT. 4. CLEANOUTS ARE PROVIDED IN THE BOTTOM COURSE OF MASONRY. SELF-CONSOLIDATING GROUT DOES NOT NEED TO MEET CONDITIONS #1 OR #2. WHEN THE PREVIOUS CONDITIONS ARE NOT MET, PLACE GROUT IN LIFTS NOT EXCEEDING 5FT-4IN.
MA-15	CONSOLIDATE GROUT LIFTS BY MECHANICAL VIBRATION, AND RECONSOLIDATE AFTER INITIAL WATER LOSS. EXCEPTION: CONSOLIDATION AND RECONSOLIDATION IS NOT REQUIRED WHEN SELF-CONSOLIDATING GROUT IS USED.

<b>AC ARCHITECTURAL CLADDING</b>	
AC-1	TYPICAL DETAILS INDICATE GENERAL CRITERIA FOR ASSUMED CONNECTIONS OF ARCHITECTURAL CLADDING TO BASE BUILDING STRUCTURE. PROVIDE DESIGNS THAT MEET INDICATED CRITERIA AND CONFORM TO LISTED CODES AND STANDARDS. REFER TO SUBMITTALS SECTION IN THESE GENERAL NOTES FOR ADDITIONAL REQUIREMENTS.
<b>PA POST-INSTALLED ANCHORS</b>	
PA-1	ADHESIVE ANCHOR SYSTEMS USED FOR DESIGN:  SEISMIC DESIGN CATEGORY A - F  ADHESIVE: HILTI HIT-HY 200 V3  <b>THREADED ROD: HILTI HAS</b>  OVERHEAD AND/OR CONSTANT TENSION ADHESIVE ANCHOR INSTALLATIONS NOT SHOWN ON THE DRAWINGS SHALL NOT BE PERMITTED UNLESS EACH CONDITION IS REVIEWED AND APPROVED IN WRITING BY THE SER.
PA-2	PROOF TESTING OF ADHESIVE ANCHORS SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. UNLESS NOTED OTHERWISE, ADHESIVE ANCHOR PROOF TENSION LOADS SHALL BE PER THE ADHESIVE ANCHOR PROOF SCHEDULES.
PA-3	FIELD DRILLED EXPANSION ANCHOR SYSTEMS USED FOR DESIGN:  HILTI KWIK BOLT TZ2
PA-4	PROOF TESTING OF EXPANSION ANCHORS SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS. UNLESS NOTED OTHERWISE, EXPANSION ANCHOR PROOF TORQUE LOADS SHALL BE PER THE EXPANSION ANCHOR PROOF SCHEDULES.
PA-5	FIELD DRILLED THREADED SCREW ANCHOR SYSTEMS USED FOR DESIGN:  HILTI KH-EZ
PA-6	ALTERNATIVE SYSTEM EQUIVALENT TO OR EXCEEDING THE PROPERTIES OF THE SYSTEMS ABOVE WILL BE CONSIDERED AS A SUBSTITUTION REQUEST. SEE PROJECT SPECIFICATIONS.
PA-7	ANCHORS ARE TO BE MINIMUM 3/4" DIAMETER WITH A MINIMUM EMBEDMENT OF 6", UON.
PA-8	INSTALL ANCHORS TO MEET THE REQUIREMENTS INDICATED IN THE CONTRACT DOCUMENTS AND THE CURRENT MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS (MPII).
PA-9	LOCATE, BY NON-DESTRUCTIVE MEANS, AND AVOID ALL EXISTING REINFORCEMENT PRIOR TO INSTALLATION OF ANCHORS. IF EXISTING REINFORCING LAYOUT PROHIBITS THE INSTALLATION OF ANCHORS AS INDICATED ON THE DRAWINGS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE DESIGN PROFESSIONALS.
PA-10	INSTALL ANCHORS IN SOLID MASONRY OR IN HOLLOW MASONRY THAT HAS BEEN GROUTED SOLID AT LEAST ONE COURSE ABOVE TO ONE COURSE BELOW THE ANCHOR, UON.
PA-11	SEE PROJECT SPECIFICATIONS FOR POST-INSTALLED ANCHOR INSPECTION REQUIREMENTS.
<b>BN BID NOTES</b>	
BN-1	THE CONTRACTOR'S AND ALL SUBCONTRACTOR'S BIDS SHALL INCLUDE ADD/DEDUCT UNIT PRICES FOR EACH OF THE ITEMS LISTED. THE COST FOR ANY UNUSED PORTIONS OF THE LISTED QUANTITIES SHALL BE CREDITED TO THE OWNER.
BN-2	THIS MATERIAL SHALL BE IN ADDITION TO THAT INDICATED ON THE CONTRACT DOCUMENTS. THE BID PRICE SHALL PROVIDE FOR THE DETAILING, FABRICATION, DELIVERY, AND INSTALLATION OF THE MATERIAL IN THE BUILDING IN SUCH SIZES AND FORMS AS THE DESIGN PROFESSIONALS MAY DIRECT, WITHOUT ADDITIONAL COST TO THE OWNER.
BN-3	THE REINFORCED CONCRETE SUBCONTRACTOR SHALL INCLUDE IN THE BASE BID THE IN-PLACE COST OF THE FOLLOWING ITEMS:
BN-4	THE STRUCTURAL STEEL SUBCONTRACTOR SHALL INCLUDE IN THE BASE BID THE IN-PLACE COST OF THE FOLLOWING ITEMS:
BN-5	IF NO CONNECTION FORCES ARE INDICATED ON THE DRAWINGS, STRUCTURAL STEEL SUBCONTRACTOR SHALL ASSUME THAT BEAM AND GIRDER CONNECTIONS ARE CAPABLE OF DEVELOPING AT LEAST 50 PERCENT OF THE UNIFORMLY DISTRIBUTED LOAD CAPACITY OF THE MEMBER USING THE REACTION FROM THE ALLOWABLE LOAD OF THE BEAM AS TABULATED IN THE AISC LRFD MANUAL OF STEEL CONSTRUCTION. FOR COMPOSITE BEAMS MULTIPLY THE UNIFORMLY DISTRIBUTED LOAD CAPACITY BY 2.0 TO ACCOUNT FOR THE TRANSFORMED COMPOSITE CROSS SECTION.
BN-6	CONTRACT DOCUMENTS ISSUED FOR BID ARE NOT ISSUED FOR CONSTRUCTION UNLESS SPECIFICALLY NOTED AS "ISSUED FOR CONSTRUCTION".
<b>IPU PURPOSE OF ISSUANCE</b>	
PU-1	THESE DRAWINGS IDENTIFIED AS <b>30% CD SET</b> DATED <b>06/14/22</b> ARE ISSUED AS <b>30% CD SET ONLY – NOT FOR CONSTRUCTION</b> .

PROJECT

ISHOF

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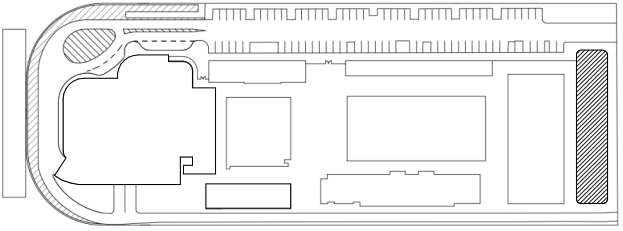
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KEY PLAN:

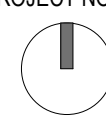


△	DESCRIPTION	DATE
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NOT FOR CONSTRUCTION

SEAL & SIGNATURE

TO THE BEST OF THE STRUCTURAL ENGINEERS KNOWLEDGE THE PLANS, DETAILS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE BUILDING CODES

PROJECT NORTH:  


DRAWING TITLE  
GENERAL NOTES

PROJECT NUMBER: 010326.000  
DATE: 05/21/22  
SCALE:  
SHEET

S0-002

CAM 23-0723  
Exhibit 1L  
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ABBREVIATION	DESCRIPTION	ABBREVIATION	DESCRIPTION
ADDL	ADDITIONAL	LL	LIVE LOAD
ADJ	ADJACENT	LLH	LONG LEG HORIZONTAL
ALT	ALTERNATE	LLV	LONG LEG VERTICAL
APPRX	APPROXIMATE	LONG	LONGITUDINAL
ARCH	ARCHITECT OR ARCHITECTURAL	LP	LOW POINT
B/	BOTTOM OF	LW	LIGHTWEIGHT
B/B	BACK TO BACK	LWC	LIGHTWEIGHT CONCRETE
BAL	BALANCE	M	MOMENT
BLDG	BUILDING	MATL	MATERIAL
BLK	BLOCK	MAX	MAXIMUM
BLKG	BLOCKING	MC	MOMENT CONNECTION(S)
BM	BEAM	MECH	MECHANICAL
BOT	BOTTOM	MEP	MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION
BRDG	BRIDGING	MEZZ	MEZZANINE
BRG	BEARING	MFR	MANUFACTURER
BTWN	BETWEEN	MID	MIDDLE
C	COMPRESSION	MIN	MINIMUM
C/C	CENTER TO CENTER	MISC	MISCELLANEOUS
CIP	CAST-IN-PLACE	NIC	NOT IN CONTRACT
CJP	COMPLETE JOINT PENETRATION	NO	NUMBER
CL	CENTER LINE	NOM	NOMINAL
CLR	CLEAR OR CLEARANCE	NS	NEAR SIDE
CMU	CONCRETE MASONRY UNIT	NTS	NOT TO SCALE
COL	COLUMN	NW	NORMAL WEIGHT
COMP	COMPRESSION	NWC	NORMALWEIGHT CONCRETE
CONC	CONCRETE	OC	ON CENTER
CONN	CONNECTION(S)	OD	OUTSIDE DIAMETER
CONST	CONSTRUCTION	OF	OUTSIDE FACE
CONT	CONTINUOUS	OH	OPPOSITE HAND
db	REINFORCING BAR DIAMETER	OPNG(S)	OPENING(S)
DBL	DOUBLE	OPP	OPPOSITE
DCW	DEMAND CRITICAL WELD	OSL	OUTSTANDING LEG
DEG	DEGREE(S)	PC	PIECE
DET	DETAIL	PCY	POUNDS PER CUBIC YARD
DIA	DIAMETER	PERP	PERPENDICULAR
DIAG	DIAGONAL	PG	PLATE GIRDER
DIM(S)	DIMENSION(S)	PJP	PARTIAL JOINT PENETRATION
DL	DEAD LOAD	PL	PLATE
DWG(S)	DRAWING(S)	PRC	PRECAST
DWL	DOWEL(S)	PRLL	PARALLEL
EA	EACH	PSF	POUNDS PER SQUARE FOOT
ECC	ECCENTRICITY	PSI	POUNDS PER SQUARE INCH
EE	EACH END	PT	POINT OR POST-TENSION(ED) OR (ING)
EF	EACH FACE	RAD	RADIUS
EL	ELEVATION	REF	REFERENCE
ELEC	ELECTRICAL	REINF	REINFORCE(D) (ING) OR (MENT)
ENGR	ENGINEER	REQD	REQUIRED
EOD	EDGE OF DECK	S&T	SHRINKAGE AND TEMPERATURE
EOS	EDGE OF SLAB	SCHED	SCHEDULE(D)
EQ	EQUAL	SDL	SUPERIMPOSED DEAD LOAD
EQUIP	EQUIPMENT	SECT	SECTION
EW	EACH WAY	SER	STRUCTURAL ENGINEER OF RECORD
EXP	EXPANSION	SF	SQUARE FOOT (FEET)
EXST	EXISTING	SFRS	SEISMIC FORCE RESISTING SYSTEM
EXT	EXTERIOR	SHT	SHEET
F/F	FACE TO FACE	SIM	SIMILAR
FIN	FINISH(ED)	SOG	SLAB ON GRADE
FLR	FLOOR	SP	SPACE
FND	FOUNDATION	SPEC(S)	SPECIFICATION(S)
FP	FIREPROOF(ING)	STD	STANDARD
FS	FAR SIDE	STL	STEEL
FTG	FOOTING	STR	STRUCTURE
GA	GAGE, GAUGE	STRCTL	STRUCTURAL
GALV	GALVANIZED	SYM	SYMMETRICAL
GB	GRADE BEAM	T	TENSION
GEN	GENERAL	T&B	TOP AND BOTTOM
GR	GRADE	T/	TOP OF
HK	HOOK	TEMP	TEMPERATURE OR TEMPORARY
HORIZ	HORIZONTAL	TEN	TENSION
HP	HIGH POINT	THK	THICK OR THICKNESS
HT	HEIGHT	TYP	TYPICAL
ID	INSIDE DIAMETER	UON	UNLESS OTHERWISE NOTED
IF	INSIDE FACE	V	SHEAR
INFO	INFORMATION	VERT	VERTICAL
INT	INTERIOR	VIF	VERIFY IN FIELD
INTRM	INTERMEDIATE	W/	WITH
JST(S)	JOIST(S)	W/O	WITHOUT
JT	JOINT	WD	WOOD
K	KIPS (1,000 POUNDS)	WP	WORK POINT
KLF	KIP PER LINEAR FOOT	WPFG	WATERPROOFING
KSF	KIP PER SQUARE FOOT	WS	WATERSTOP
		WWR	WELDED WIRE REINFORCEMENT

ARQUITECTONICA

**OWNER:**  
Capital Group P3  
55 NE 5th Avenue, Suite 501  
Boca Raton, FL 33432  
TEL:561.705.5353

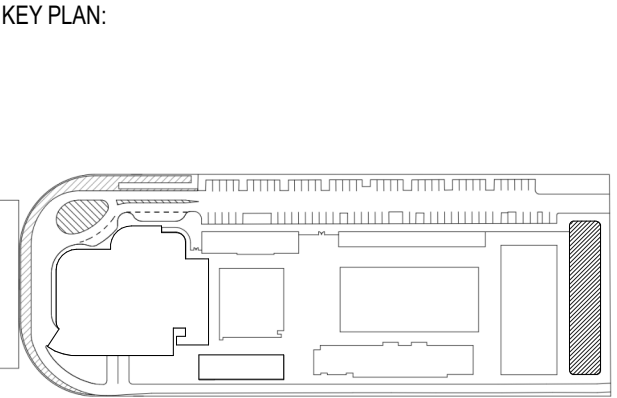
**ARCHITECT:**  
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2900 OAK AVENUE  
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TEL:305.372.1812

**STRUCTURAL ENGINEER:**  
THORNTON TOMASETTI  
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**MEP/FP ENGINEERS:**  
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1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL:954.949.2200

**CIVIL ENGINEER:**  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL:954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316



△	DESCRIPTION	DATE
<div>NOT FOR CONSTRUCTION</div>		

SEAL & SIGNATURE

TO THE BEST OF THE STRUCTURAL ENGINEERS KNOWLEDGE THE PLANS, DETAILS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE BUILDING CODES

PROJECT NORTH:

DRAWING TITLE  
GENERAL NOTES AND ABBREVIATIONS

PROJECT NUMBER: 010326.000  
DATE: 05/21/22  
SCALE:  
SHEET  
**S0-003**



STRUCTURAL INSPECTION PLAN	
<div><div><div><div><div><div>1. GENERAL</div></div></div><div><div><div><div>1. THIS STRUCTURAL INSPECTION PLAN IS PREPARED IN ACCORDANCE WITH SECTION 553.79(5) OF THE FLORIDA STATUTES DESCRIBING THE REQUIREMENT FOR A STRUCTURAL INSPECTION PLAN PREPARED BY THE ENGINEER OF RECORD FOR THRESHOLD BUILDINGS. THE PURPOSE OF THIS STRUCTURAL PLAN IS TO PROVIDE INSPECTION PROCEDURES AND SCHEDULES SO THE BUILDING CAN BE ADEQUATELY INSPECTED FOR COMPLIANCE WITH THE PERMITTED DOCUMENTS.</div></div></div><div><div><div><div>2. THE THRESHOLD BUILDING INSPECTOR (SPECIAL INSPECTOR) SHALL INSPECT THE FRAMING SHOWN ON THE STRUCTURAL DRAWINGS IN ACCORDANCE WITH THIS PLAN TO VERIFY THAT THE WORK IS CONSTRUCTED IN SUBSTANTIAL ACCORDANCE WITH THE CONTRACT DOCUMENTS, EXCEPT FOR ACCEPTED VARIATIONS.</div></div></div><div><div><div><div>A. THE CONTRACT DOCUMENTS ARE DEFINED AS THE PERMITTED DRAWINGS, PROJECT SPECIFICATIONS, AND RECORDED ADDENDA AND AMENDMENTS.</div></div><div><div><div>B. EXCEPT AS NOTED, WORK OF THIS PLAN EXCLUDES THE INSPECTION OF ELEMENTS THAT DO NOT CONTRIBUTE TO THE CAPACITY OF THE PRIMARY STRUCTURAL FRAME. THIS INCLUDES, BUT IS NOT LIMITED TO: RAILINGS, FIRE PROTECTION, ROOFING, GLAZED WINDOW SYSTEMS, MECHANICAL/ELECTRICAL SYSTEMS, ARCHITECTURAL COMPONENTS, SITE WORK, AND OSHA SAFETY PROVISIONS OR OTHER SAFETY STANDARDS THAT APPLY DURING THE CONSTRUCTION PERIOD. PRECAST CLADDING, EXTERIOR MASONRY WALLS AND SLAB-ON-GRADE ARE SPECIFICALLY INCLUDED.</div></div></div><div><div><div>3. THE OWNER SHALL BE RESPONSIBLE TO EMPLOY THE SERVICES OF A THRESHOLD BUILDING INSPECTOR IN COMPLIANCE WITH THE PROVISION OF CHAPTER 553.79 OF FLORIDA STATUTES.</div></div><div><div><div>4. AT A MINIMUM, THE THRESHOLD BUILDING INSPECTOR SHALL PERFORM THE MANDATORY STRUCTURAL INSPECTIONS AS REQUIRED UNDER THE PROVISIONS OF THE 2020 FLORIDA BUILDING CODE, IN ACCORDANCE WITH THE SCOPE AND SCHEDULE OUTLINED HEREIN.</div></div><div><div><div>5. THE THREHOLD BUILDING INSPECTOR SHALL MAINTAIN A LOG OF EACH SITE VISIT DOCUMENTING THE PROGRESS OF THE WORK, THE RELEVANT TESTING, THE AREAS INSPECTED AND ANY OTHER ELEMENTS PERTINENT TO THE WORK PROGRESS AT THE TIME OF THE INSPECTION.</div></div><div><div><div>6. DAILY SIGNED AND SEALED FIELD REPORTS SHALL BE SUBMITTED ON A WEEKLY BASIS TO THE ENFORCING AGENCY, AND OWNER'S REPRESENTATIVE.</div></div><div><div><div>7. THE SPECIAL INSPECTOR SHALL NOT MAKE DESIGN DECISIONS, DIRECT THE CONTRACTOR'S WORK, NOR BE RESPONSIBLE FOR CONSTRUCTION MEANS AND METHODS.</div></div><div><div><div>8. THE SPECIAL INSPECTOR MAY SEND A FULL-TIME EMPLOYEE AS HIS AUTHORIZED REPRESENTATIVE TO THE PROJECT, BUT THAT PERSON SHALL BE KNOWLEDGABLE AND HAVE A COLLEGE DEGREE IN ENGINEERING OR HAVE A MINIMUM OF TEN YEARS OF EXPERIENCE IN THE STRUCTURAL SYSTEM BEING USED.</div></div></div></div></div><div><div>II. CONTRACTOR RESPONSIBILITES</div><div><div><div>1. THE CONTRACTOR SHALL PROVIDE A MINIMUM OF 24 HOURS NOTICE TO THE THRESHOLD BUILDING INSPECTOR PRIOR TO THE NEED FOR ANY INSPECTION ON SITE.</div></div><div><div><div>2. THE CONTRACTOR SHALL PROVIDE THE THRESHOLD BUILDING INSPECTOR A COPY OF ALL PREMIT DOCUMENTS, REVIEWED AND APPROVED SHOP DRAWING SUBMITTAL, TEST REPORTS, SHORING AND RE-SHORING PLANS, AND OTHER ITEMS THAT MAY BE REQUIRED FOR THE THRESHOLD BUILDING INSPECTOR TO COMPLY WITH THIS STRUCTURAL INSPECTION PLAN.</div></div><div><div><div>3. THE THRESHOLD INSPECTOR DOES NOT RELIEVE THE CONTRACTOR FROM HIS RESPONSIBILITY TO COMPLY WITH CONTRACT DOCUMENTS. THE CONTRACTOR HAS THE RESPONSIBILITY FOR ANY DEVIATIONS FROM THE CONTRACT DOCUMENTS AND THE COSTS OF RECTIFYING THOSE DEVIATIONS.</div></div><div><div><div>4. THE CONTRACTOR MAY CORRECT WORK PERFORMED IN NONCOMPLIANCE WITH THE CONTRACT DOCUMENTS OR CONTRACTOR MAY ISSUE TO THE DESIGN PROFESSIONAL A REQUEST OF ACCEPTANCE OF THE DEVIATION.</div></div><div><div><div>5. CONSTRUCTION PERFORMED WITOUT INSPECTION MAY REQUIRE TESTING OR MAY NEED TO BE REMOVED AS DETERMINED BY THE DESIGN PROFESSIONAL.</div></div><div><div><div>6. INSTALLATION OF ALL SHORING AND RE-SHORING PER SHOP DRAWINGS PREPARED BY THE DELEGATED SHORING ENGINEER. THE SHORING ENGINEER OR HIS AUTHORIZED REPRESENTATIVE SHALL INSPECT THE SHORING AND RE-SHORING, AND PROVIDE A WRITTEN, SIGNED AND SEALED, INSPECTION REPORT TO THE THRESHOLD INSPECTOR PRIOR TO ALL CONCRETE POURS.</div></div><div><div><div>7. THE CONTRACTOR SHALL PROVIDE THE SPECIAL INSPECTOR WITH SHOP DRAWINGS, APPROVED MIX DESIGNS, CURRENT REVISED DRAWING AND SKECTHES.</div></div></div></div></div><div><div>III. OWNER RESPONSIBILITIES</div><div><div><div>1. THE OWNER SHALL ARRANGE FOR THE GEOTECHNICAL ENGINEER TO PROVIDE INSPECTION SERVICES TO MONITOR THE PREPARATION OF THE FOUNDATION BEARING SURFACE AND PILE FOUNDATION ELEMENTS.</div></div><div><div><div>2. THE OWNER SHALL ARRANGE FOR INDEPENDENT TESTING LABORATORY TO PROVIDE FOR MATERIAL SAMPLING AND TESTING SERVICES REQUIRED IN ACCORDANCE WITH THE 2010 FLORIDA BUILDING CODE.</div></div><div><div><div>3. THE OWNER SHALL ARRANGE AND ENSURE THAT ALL NECESSARY CONSTRUCTION DOCUMENTS (UPDATED WITH THE LATEST INFORMATION), APPROVED SHOP DRAWINGS, LATEST SKECTHES AND ANY OTHER TYPE OF CORRESPONDENCE WHICH MAY AFFECT THE INSPECTIONS BE FURNISHED TO SPECIAL INSPECTOR IN A TIMELY MANNER.</div></div><div><div><div>4. THE OWNER SHALL ENSURE THAT THE CONTRACTOR PROVIDES SHOP DRAWINGS FOR ALL PRECAST STRUCTURAL COMPONENTS. THESE SHOP DRAWINGS MUST BE DESIGNED, SIGNED AND SEALED BY A REGISTERED FLORIDA PROFESSIONAL ENGINEER AND HAVE BEEN REVIEWED AND STAMPED BY THE ENGINEER OF RECORD.</div></div></div></div></div><div><div>IV. THRESHOLD (SPECIAL) INSPECTOR RESPONSIBILITY</div><div><div><div>1. PRIOR TO STARTING WITH THEIR WORK, THE SPECIAL INSPECTOR AND THEIR AUTHORIZED REPRESENTATIVE, IF APPLICABLE, SHALL ATTEND A PRE-CONSTRUCTION MEETING AT THE OFFICE OF THE STRUCTURAL ENGINEER OF RECORD FOR THE PURPOSE OF BECOMING FAMILIAR WITH THE SPECIFIC STRUCTURAL COMPONENTS AND SYSTEM WHICH THEY WILL BE RESPONSIBLE FOR INSPECTING.</div></div><div><div><div>2. THE SPECIAL INSPECTOR SHALL INSPECT ALL STRUCTURAL SYSTEMS NOTED BELOW AND IN COMPLIANCE WITH THOSE LISTED UNDER THE "GENERAL" HEADING.</div></div><div><div><div>3. THE SPECIAL INSPECTOR SHALL VISIT THE SITE AT SUCH FREQUENCY TO SATISFY THEMSELVLES THAT THEIR REPRESENTATIVE'S INSPECTIONS COMPLY WITH THIS PLAN.</div></div><div><div><div>4. THE SPECIAL INSPECTOR SHALL DEDICATE THEIR ENTIRE TIME ON-SITE TO THE REQUIREMENTS OF THIS PLAN AND SHALL NOT PERFORM OTHER WORK, SUCH AS MATERIAL TESTING.</div></div></div></div></div></div><div><div><div>V. REPORTING</div><div><div><div>1. THE SPECIAL INSPECTOR SHALL RECORD PROGRESS, WORKING CONDITIONS, OBSERVATIONS, TESTING, DEVIATIONS FROM THE CONTRACT DOCUMENTS, AND ANY REQUIRED CORRECTIVE ACTION. THEY SHALL RETAIN THE RECORDS FOR A MINIMUM OF 7 YEARS AFTER COMPLETION OF THE PROJECT.</div></div><div><div><div>2. THE SPECIAL INSPECTOR SHALL IMMEDIATELY NOTIFY THE CONTRACTOR IN PERSON, AND THE ARCHITECT AND STRUCTURAL ENGINEER BY TELEPHONE, OF MATERIALS, TESTS, EQUIPMENT, WORKMANSHIP OR CONSTRUCTION THAT:<div><div>A. DOES NOT CONFORM TO THE CONTRACT DOCUMENTS, OR</div><div>B. IS NOT INSPECTED OR TESTED AND CANNOT BE INSPECTED OR TESTED IN PLACE.</div></div></div></div><div><div><div>THE SPECIAL INSPECTOR SHALL THEN IMMEDIATELY ISSUE THOSE EXCEPTIONS IN WRITING TO THOSE LISTED ABOVE AND ATTACH A COPY TO THE DAILY INSPECTION REPORT.</div></div><div><div><div>3. THE SPECIAL INSPECTOR SHALL KEEP AN EXCEPTIONS FILE AND REVIEW IT ON A DAILY BASIS, UPDATING AS EXCEPTIONS ARE RECTIFIED. IF ANY EXCEPTIONS ARE NOT RESOLVED IN A TIMELY MANNER, THE SPECIAL INSPECTOR SHALL ISSUE A NON COMPLIANCE NOTICE TO THE CONTRACTOR AND SHALL COPY THE ENFORCING AGENCY, OWNER'S REPRESENTATIVE, ARCHITECT AND STRUCTURAL ENGINEER.</div></div><div><div><div>4. AFTER EACH INSPECTION, THE INSPECTOR SHALL WRITE AND SIGN AN INSPECTION REPORT. THE REPORT SHALL INCLUDE THE FOLLOWING:<div><div>A. THE NAME AND LOCATION OF PROJECT; NAME OF INSPECTOR; PERMIT NUMBER; DATE; WORKING CONDITIONS, INCLUDING WEATHER AND TEMPERATURE; AND TYPE AND LOCATION OF WORK BEING PERFORMED.</div><div>B. DETAILS OF EACH INSPECTION, INCLUDING THE PRESENCE AND ACTIVITIES OF THE TESTING AGENCY.</div><div>C. NOTE DEFICIENCIES IN THE WORK AND ANY UNUSUAL CIRCUMSTANCES AFFECTING THE PERFORMANCE OF WORK, INCLUDING CHANGES IN MATERIALS OR WORK SEQUENCE. PLACE EMPHASIS ON RECURRING DEFICIENCIES.</div><div>D. IDENTIFY CORRECTIONS TO DEFICIENCIES LISTED IN PREVIOUS REPORTS.</div></div><div><div>SINCE THE SPECIAL INSPECTOR DOES NOT CERTIFY THAT THE CONTRACT DOCUMENTS ARE IN COMPLIANCE WITH THE GOVERNING CODES, ALL STATEMENTS ISSUED SHALL REFER TO WHETHER OR NOT COMPLETED WORK IS IN SUBSTANTIAL ACCORDANCE WITH THE CONTRACT DOCUMENTS.</div></div></div></div><div><div><div>1. THE REPORT SHALL ALSO COMMENT ON THE FOLLOWING, WHEN APPLICABLE:<div><div>A. TEST REPORTS THAT DO NOT COMPLY WITH THE CONTRACT DOCUMENTS.</div><div>B. THE GEOTECHNICAL ENGINEER'S INSPECTION REPORTS.</div><div>C. SHORING AND RE SHORING ENGINEER'S INSPECTION REPORTS.</div><div>D. CHANGES MADE IN THE FIELD.</div></div></div><div><div><div>2. THE REPORT SHALL ALSO INCLUDE PHOTOGRAPHS, WHEN APPROPRIATE.</div></div><div><div><div>7. THE SPECIAL INSPECTOR SHALL SUBMIT THE REPORTS TO THE ENFORCING AGENCY, OWNER'S REPRESENTATIVE, ARCHITECT AND STRUCTURAL ENGINEER UNDER A SIGNED AND SEALED COVER LETTER ON A WEEKLY BASIS OR AS DIRECTED BY THE ENFORCING AGENCY.</div></div><div><div><div>8. THE INSPECTOR SHALL POST AT THE JOBSITE A LOG SUMMARIZING ALL INSPECTIONS. THE HEADER SHALL CONTAIN, AS A MINIMUM, THE PROJECT NAME AND LOCATION; PERMIT NUMBER; AND THE NAME OF THE SPECIAL INSPECTOR, OWNER, AND CONTRACTOR. THE INSPECTOR SHALL WRITE AN ENTRY AFTER EACH INSPECTION THAT INCLUDES THE DATE, CONSTRUCTION PHASE, WORK DESCRIPTION, COMMENTS, HIS SIGNATURE, AND WHETHER THE WORK INSPECTED IS APPROVED OR REJECTED.</div></div><div><div><div>9. UPON COMPLETION OF THE BUILDING AND PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY, THE SPECIAL INSPECTOR SHALL ISSUE A SIGNED AND SEALED STATEMENT ATTESTING THAT THE PART OF THE PROJECT UNDER THEIR INSPECTION RESPONSIBILITIES HAS BEEN CONSTRUCTED IN SUBSTANTIAL ACCORDANCE WITH THE CONTRACT DOCUMENTS. THIS STATEMENT SHALL BE IN ACCORDANCE WITH SECTION 553.79(7)A OF THE FLORIDA STATUTES AND SHALL BE SUBMITTED TO THE ENFORCING AGENCY, OWNER, ARCHITECT AND STRUCTURAL ENGINEER.</div></div></div></div><div><div><div>VI. SOIL/FOUNDATION PREPARATION</div><div><div><div>1. THE GEOTECHNICAL ENGINEER OF RECORD FOR THE PROJECT SHALL BE RETAINED BY OWNER TO MONITOR THE SITE PREPARATION ACTIVITIES. FOUNDATION BEARING SURFACES AND PILE FOUNDATION ELEMENTS.</div></div><div><div><div>2. THE GEOTECHNICAL ENGINEER SHALL PROVIDE THE THRESHOLD BUILDING INSPECTOR WITH DAILY REPORTS AND A SUMMARY REPORT INDICATING THAT THE FOUNDATION BEARING SURFACE IS PREPARED IN ACCORDANCE WITH THE REQUIREMENTS OF THE GEOTECHNICAL REPORT, SUCH THAT THE FOUNDATION FOR THE PROJECT WILL FUNCTION AS INTENDED.</div></div><div><div><div>3. THE INDEPENDENT TESTING AGENCY RETAINED BY THE OWNER SHALL MONITOR THE BACKFILL AND COMPACTION OPERATIONS AND PROVIDE THE THRESHOLD BUILDING INSPECTOR WITH REPORTS DOCUMENTING THAT THE OPERATIONS HAVE BEEN PERFORMED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT AND THE CONTRACT DOCUMENTS.</div></div><div><div><div>4. ALL INSPECTION AND TESTING REPORTS PROVIDED TO THRESHOLD BUILDING INSPECTOR SHALL BE SIGNED AND SEALED BY A FLORIDA REGISTERED PROFESSIONAL ENGINEER.</div></div></div></div><div><div><div>VII. SHALLOW FOUNDATIONS</div><div><div><div>1. REVIEW SIZE AND CONFIGURATION OF FOUNDATION FOR COMPLIANCE WITH CONTRACT DOCUMENTS.</div></div><div><div><div>2. REVIEW SIZE, PLACEMENT, AND CLEARANCES OF REINFORCEMENT FOR COMPLIANCE WITH CONTRACT DOCUMENTS.</div></div><div><div><div>3. REVIEW DOWEL REINFORCING AND DOWEL LENGTHS SUCH THAT LAP SPLICES WILL BE IN COMPLIANCE WITH CONTRACT DOCUMENTS.</div></div><div><div><div>4. VERIFY THAT REINFORCING IS SUPPORTED AND TIED SUCH THAT IT WILL NOT BE DISPLACED DURING THE CONCRETE POUR.</div></div></div></div><div><div><div>VIII. DEEP FOUNDATIONS</div><div><div><div>1. THE GEOTECHNICAL ENGINEER OF RECORD SHALL PROVIDE DETAILED RECORDS OF THE INSTALLATION OF EACH PILE AND THE RESULTS OF LOAD TESTS. INFORMATION SHALL INCLUDE: TIP ELEVATION OF EACH PILE REALTIVE TO A PERMANENT REFERENCE, LOCATION OF EACH PILE IN PLAN AND PLUMBNESS OF EACH PILE, AS WELL AS CAPACITY.</div></div></div></div><div><div><div>2. THE SPECIAL INSPECTOR SHALL REVIEW THE AS-BUILT PILE SURVEY AND CONFIRM THAT THE PILES ARE POSITIONED WITHIN THE SPECIFIED TOLERANCE AND, IF NOT, VERIFY THAT THE STRUCTURAL ENGINEER HAS ACCEPTED THE DEVIATION OR REQUIRED REPAIRS AND THAT THOSE REPAIRS HAVE BEEN COMPLETED.</div></div><div><div><div>3. THE SPECIAL INSPECTOR SHALL CONFIRM THAT THE PILES HAVE THE SPECIFIED EMBEDMENT AND STEEL EXTENSION INTO THE PILE CAP OR GRADE BEAM, AND HAVE THE SPECIFIED EDGE DISTANCE TO THE PILE CAP OR GRADE BEAM.</div></div><div><div><div>4. MONITOR SERVICES OF THE INDEPENDENT TESTING LABORATORY RETAINED BY OWNER TO ASSURE GROUT SAMPLES ARE TAKEN PER CODE AND SPECIFICATIONS.</div></div></div><div><div><div>IX. STRUCTURAL CAST-IN- PLACE CONCRETE</div><div><div><div>1. THE CONTRACTOR SHALL NOTIFY THE SPECIAL INSPECTOR A MINIMUM OF 24 HOURS PRIOR TO THE PLACEMENT OF ANY STRUCTURAL CONCRETE.</div></div><div><div><div>2. INSPECT SHORING, RESHORING AND FORMWORK AS FOLLOWS:<div><div>A. VERIFY THAT THE DELEGATED SHORING AND RE-SHORING ENGINEER HAS CONFIRMED THAT THE SHORING AND RE-SHORING ARE IN COMPLIANCE WITH THEIR SHOP DRAWINGS (REFER TO THE REQUIREMENT IN THE SPECIAL INSPECTION PLAN SECTION 1.5.F). ADDITIONALLY, THE SPECIAL INSPECTOR SHALL SPOT CHECK THE SHORING AND RE-SHORING FOR CONFORMANCE WITH THE SHORING AND RE-SHORING PLANS SUBMITTED TO THE ENFORCING AGENCY.</div><div>B. SPOT CHECK SHORING AND RE-SHORING LAYOUT, ALIGNMENT AND MATERIALS.</div><div>C. CONFIRM THAT THE TIMING OF SHORING, RE-SHORING, AND FORMWORK PROCEDURES AND REMOVAL COMPLY WITH THE CONTRACT DOCUMENTS AND THE SHORING AND RE-SHORING DRAWINGS. WHERE APPROPRIATE, VERIFY THAT CONCRETE TEST CYLINDER STRENGTH IS ADEQUATE PRIOR TO FORM REMOVAL.</div></div></div><div><div><div>3. VERIFY THAT SLAB THICKNESS IS MAINTAINED AT SLAB DEPRESSIONS AND STEPS.</div></div><div><div><div>4. INSPECT REINFORCING STEEL PER THE STRUCTURAL DRAWINGS, SUPPLEMENTED BY THE APPROVED SHOP DRAWINGS, TO VERIFY THE FOLLOWING:<div><div>A. REINFORCING STEEL GRADE, SIZE, QUANTITY, CONFIGURATION AND SPACING.</div><div>B. MINIMUM CLEARANCE REQUIREMENTS FROM CONCRETE SURFACES.</div><div>C. REINFORCING STEEL IS ADEQUATELY SUPPORTED AND TIED TO RESIST SHIFTING DURING CONCRETE POUR AND THAT CONCRETE COVER IS PROPER.</div><div>D. ALL REINFORCEMENT IS ADEQUATELY SUPPORTED AND TIED TO RESIST SHIFTING DURING PLACEMENT.</div><div>E. HOOKED BARS ARE PLACED PROPERLY.</div><div>F. EMBEDMENT LENGTHS, SPLICE LOCATIONS AND LAP SPLICE LENGTHS ARE ACCEPTABLE.</div><div>G. MECHANICAL COUPLERS ARE APPROVED AND INSTALLED PER MANUFACTURER'S SPECIFICATIONS.</div><div>H. PROPER TIE SPACING, PARTICULARLY AT BEAM/COLUMN INTERSECTIONS.</div><div>I. REINFORCING STEEL LAYERS IN SLABS AND WALLS ARE PROPER.</div><div>J. REPORT ALL OPENINGS LARGER THAN 12" AND NOT SHOWN ON THE CONTRACT DOCUMENTS TO THE ARCHITECT/ENGINEER. CHECK PLACEMENT OF ADDITIONAL REINFORCEMENT AROUND OPENINGS. OPENINGS THROUGH BEAMS ARE PROHIBITED WITHOUT PRIOR APPROVAL OF THE ARCHITECT/ENGINEER.</div><div>K. IN ONE-WAY SLABS, VERIFY THAT TEMPERATURE STEEL IS CORRECT, INCLUDING PROPER LAYERING.</div><div>L. IN TWO-WAY SLABS, VERIFY:<div><div>1. THAT COLUMN STRIP TOP BARS HAVE A UNIFORM SPACING AND ARE NOT BUNDLED TOGETHER.</div><div>2. THAT ADDED TOP BARS ARE PLACED IN THE VICINITY OF THE COLUMN.</div><div>3. THAT TOP AND BOTTOM HOOK BARS HAVE BEEN PLACED AS REQUIRED, ESPECIALLY AT SLAB EDGES.</div><div>4. THE POSITION OF BARS AT SLAB OFFSETS AND DEPRESSIONS.</div></div></div><div><div><div>M. ALL REBAR SURFACES ARE FREE OF EXCESS RUST OR OTHER COATING THAT MAY AFFECT THE BONDING CAPACITY.</div></div></div></div><div><div><div>5. VERIFY THAT EXPANSION JOINT MATERIAL, DOVETAIL SLOTS, ANCHORS, EMBEDDED CONDUITS, AND LOAD CARRYING EMBEDDED ITEMS ARE PROPERLY POSITIONED AND SECURED TO RESIST DISPLACEMENT DURING CONCRETE PLACEMENT. RELOCATION OF OR MODIFICATION TO STRUCTURAL ITEMS DUE TO CONFLICT WITH REINFORCING IS PROHIBITED WITHOUT THE APPROVAL OF THE STRUCTURAL ENGINEER.</div></div><div><div><div>6. INSPECT CONSTRUCTION JOINTS AS FOLLOWS:<div><div>A. VERIFY THAT DOWELS, KEYWAYS AND BULKHEADS COMPLY WITH THE CONTRACT DOCUMENTS.</div><div>B. CONFIRM THAT BEAM AND SLAB CONSTRUCTION JOINT LOCATIONS COMPLY WITH THE CONTRACTOR'S CONSTRUCTION JOINT PLAN SUBMITTED TO THE ARCHITECT.</div></div></div><div><div><div>7. VERIFY THAT SAWCUT JOINTS ARE:<div><div>A. PROVIDED ONLY WHERE INDICATED.</div><div>B. THE PROPER DEPTH, SPACING AND LOCATION.</div><div>C. PROVIDED IN THE TIME FRAME INDICATED IN THE CONTRACT DOCUMENTS.</div></div></div><div><div><div>8. CHECK THAT ALL FOREIGN MATERIAL IS REMOVED FROM FORMS OR EXCAVATIONS PRIOR TO CONCRETE PLACEMENT.</div></div><div><div><div>9. BE ON SITE AT THE START OF EACH CONCRETE POUR REQUIRING INSPECTION BY THIS PLAN. REMAIN ON SITE FOR A SUFFICIENT TIME TO CONFIRM THAT CONCRETING PRACTICES ARE PROPER AND COMPLY WITH ACI 301, ASTM C94 AND OTHER RECOGNIZED INDUSTRY STANDARDS, INCLUDING THE FOLLOWING:<div><div>A. ALL REINFORCING STEEL CORRECTIONS ARE COMPLETED PRIOR TO CONCRETE PLACEMENT.</div><div>B. THE FIRST CONCRETE TRUCK OF EACH TYPE OF CONCRETE POUR HAS THE PROPER CONCRETE MIX NUMBER AND STRENGTH AND THAT THE BATCH TIME LEAVES SUFFICIENT TIME TO POUR ALL CONCRETE FROM THE TRUCK. SPOT CHECK FUTURE TRUCKS.</div></div></div></div><div><div><div>C. THE TESTING AGENCY IS ON SITE FOR EACH TYPE OF CONCRETE POUR TO TEST CONCRETE AS REQUIRED BY THE CONTRACT DOCUMENTS, INCLUDING MIXING TIME, TEMPERATURE, SLUMP, AND AIR CONTENT, AND REPORTS ANY CONCRETE DELIVERED THAT IS NOT AS SPECIFIED. CHECK THAT ADDITION OF WATER TO THE CONCRETE MIX IN THE FIELD COMPLIES WITH THE GUIDELINES IN THE CONTRACT DOCUMENTS.</div></div><div><div><div>D. CONCRETE IS BEING CONVEYED FROM MIXER TO PLACE OF FINAL DEPOSIT BY RECOGNIZED INDUSTRY STANDARDS. CONCRETE IS BEING PLACED CONTINUOUSLY, OR IN A MANNER TO AVOID PLACING CONCRETE AGAINST HARDENED CONCRETE, RESULTING IN THE FORMATION OF SEAMS OR PLANES OF WEAKNESS.</div></div><div><div><div>E. CONCRETE IS BEING CONSOLIDATED AND THOROUGHLY WORKED AROUND REINFORCEMENT, EMBEDDED ITEMS AND INTO CORNERS OF FORMS, ELIMINATING AIR OR STONE POCKETS THAT MAY CAUSE HONEYCOMBING, PITTING OR PLANES OF WEAKNESS.</div></div><div><div><div>F. SPOT CHECK THAT CURING PROCEDURES COMPLY WITH THE CONTRACT DOCUMENTS, ACI 308, "STANDARD PRACTICE FOR CURING CONCRETE" AND OTHER RECOGNIZED INDUSTRY STANDARDS.</div></div><div><div><div>G. AFTER THE FORMWORK REMOVAL, SPOT CHECK CONCRETE SURFACES FOR HONEYCOMBING AND VOIDS.</div></div></div><div><div><div>10. INSPECT EXPANSION ANCHORS AND CHEMICAL ADHESIVE FOR ANCHORING REINFORCING STEEL AND THREADED RODS USED TO SUPPORT WORK DESCRIBED IN THIS PLAN AS FOLLOWS:<div><div>A. VERIFY HOLE DIAMETER, DEPTH, LOCATION, SPACING, AND EDGE DISTANCE AND CONFIRM THAT HOLE HAS BEEN THOROUGHLY CLEANED AS REQUIRED BY MANUFACTURER.</div><div>B. VERIFY THAT EXPANSION ANCHORS ARE PROPERLY TIGHTENED.</div><div>C. VERIFY THAT THE EPOXY TYPE IS PROPER FOR THE APPLICATION, SUCH AS PASTE FOR HORIZONTAL HOLES. VERIFY THAT EPOXY MIXING AND INSTALLATION COMPLIES WITH MANUFACTURER'S REQUIREMENTS.</div></div></div><div><div><div>11. POST TENSIONING:<div><div>A. INSPECT CONCRETE WITH POST-TENSION TENDONS AS PREVIOUSLY DESCRIBED.</div><div>B. VERIFY THE FOLLOWING WITH THE CONTRACT DOCUMENTS AND APPROVED SHOP DRAWINGS:<div><div>1. TENDON SIZE, QUANTITY, LAYOUT AND SPACING.</div><div>2. TENDON PROFILE AND SPACING OF TENDON SUPPORT BARS.</div><div>3. LOCATION, SIZE, TYPE, AND PLACEMENT OF ALL END AND INTERMEDIATE ANCHORAGES AND INSERTS REQUIRED FOR STRESSING.</div><div>4. HORIZONTAL AND VERTICAL TENDON PROFILES AROUND OPENINGS.</div><div>5. BURSTING STEEL AT ANCHORAGE ENDS AND CHANGES IN DIRECTION.</div><div>6. TENDON SHEATHING.</div></div></div><div><div><div>C. CONFIRM THAT ELEMENTS DESCRIBED ABOVE ARE NOT SHIFTING DURING CONCRETE PLACEMENT.</div></div><div><div><div>D. OBSERVE STRESSING OPERATION AND CONFIRM PROPER SEQUENCE. VERIFY THAT STRESSING AND ELONGATION RECORDS, KEPT BY THE P.T. INSTALLER, ARE SUBMITTED TO STRUCTURAL ENGINEER FOR REVIEW.</div></div><div><div><div>E. VERIFY THAT TENDONS ARE NOT CUT UNTIL THE STRUCTURAL ENGINEER HAS REVIEWED THE ELONGATION RECORDS AND THAT THE TENDON CUTTING PROCEDURE COMPLIES WITH THE CONTRACT DOCUMENTS.</div></div><div><div><div>F. THE INSPECTION OF TENDON TAIL LENGTH, GREASE CAP INSTALLATION, GREASE APPLICATION, AND GROUT PLUGS IS SPECIFICALLY EXCLUDED FROM THE SPECIAL INSPECTOR'S SCOPE OF WORK. INSPECTION OF THESE ITEMS CAN BE PROVIDED UNDER SEPARATE AGREEMENT.</div></div></div></div></div></div><div><div><div>1. PRECAST/PRESTRESSED COMPOSITE CONCRETE</div><div><div><div>1. COMPLY WITH REQUIREMENTS OF "STRUCTURAL CAST-IN-PLACE CONCRETE", ABOVE.</div></div><div><div><div>2. USE UNIT MARK NUMBER TO VERIFY THAT UNITS ARE LOCATED WHERE SHOWN ON THE SHOP DRAWINGS.</div></div><div><div><div>3. SPOT CHECK UNITS FOR DAMAGE DURING SHIPPING OR CRACKS.</div></div><div><div><div>4. REINFORCING CAST INTO PRECAST IS DESIGNED AND DETAILED BY THE PRECASTER. VERIFY STEEL QUANTITIES AND PLACEMENT USING THE SHOP DRAWINGS AS FOLLOWS:</div></div><div><div><div>5. VERIFY STRAND QUANTITY SHOWN ON THE SHOP DRAWINGS BY COUNTING THE NUMBER OF STRANDS AT THE END OF EACH BEAM AND JOIST. WHILE SOME UNITS MAY CONTAIN MORE STRANDS THAN SPECIFIED DUE TO PRODUCTION REQUIREMENTS, UNITS CONTAINING FEWER STRANDS THAN SPECIFIED ARE UNACCEPTABLE.</div></div><div><div><div>6. VERIFY PRECAST SOFFIT BEAM SHEAR REINFORCING SIZE, GRADE, SPACING, AND HEIGHT. SPACING MAY BE WITHIN +/- 2" PROVIDED THE AVERAGE SPACING WITHIN A DISTANCE OF 1/2 THE DEPTH OF THE BEAM DOES NOT EXCEED THE SPECIFIED SPACING BY MORE THAN 1/2". FOR EXAMPLE, IF SPECIFIED SHEAR REINFORCING SPACING IS 4" O.C., A SPACING OF 2", 6" AND 2" WOULD BE ACCEPTABLE. THE HEIGHT TOLERANCE + 1/2" AND -1/2" FOR BEAMS LESS THAN 24 INCHES DEEP AND -1" FOR DEEPER BEAMS.</div></div><div><div><div>7. VERIFY THAT JOIST SHEAR STEEL PROTRUDES ABOVE THE TOP OF JOIST AND IS NOT DAMAGED.</div></div><div><div><div>8. CHECK CONNECTIONS FOR EMBEDDED ITEMS REQUIRED IN STRUCTURE. PAY PARTICULAR ATTENTION TO FIELD-PLACED REINFORCEMENT INSTALLED AT CAZALY HANGER SEATS. VERIFY THAT REQUIRED REINFORCING EXTENDS FROM ENDS OF PRECAST MEMBERS. REFER TO DETAILS ON STRUCTURAL DRAWINGS AND ON SHOP DRAWINGS.</div></div><div><div><div>9. VERIFY THAT SOFFIT BEAM SHEAR FRICTION REINFORCING ARE IN PLACE AND ARE PLACED DIRECTLY ON TOP OF THE SOFFIT, NOT CHAISED. VERIFY MINIMUM BEARING LENGTH OF JOISTS AND CAZALY HANGERS.</div></div><div><div><div>10. CHECK THAT MEMBER LENGTH, DEPTH, WIDTH, CAMBER AND SIDE BOW ARE WITHIN ALLOWABLE TOLERANCES.</div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div></div>	

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PROJECT NORTH:

DRAWING TITLE  
THREESOLD INSPECTION PLAN

PROJECT NUMBER: 010326.000  
DATE: 05/21/22  
SCALE:  
SHEET

S0-004

CAM 23-0723  
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<div><div>XI. STRUCTURAL PRECAST CONCRETE:</div><div><div><div>1. THE SPECIAL INSPECTOR SHALL INSPECT ALL PRECAST MEMBERS AND CONNECTIONS USING BOTH THE CONTRACT DOCUMENTS AND THE SHOP DRAWINGS.</div><div>2. INSPECT SETTING OF ANCHOR BOLTS, EMBEDS AND OTHER MISCELLANEOUS STRUCTURAL ITEMS FOR SIZE, QUANTITY AND FINISH.</div><div>3. CHECK STEEL AS RECEIVED FOR POSSIBLE DAMAGE DURING SHIPPING.</div></div><div><div>4. VERIFY THAT PRECAST UNITS ARE PROPERLY LOCATED IN THE STRUCTURE BY CONFIRMING THAT THE MARK NUMBER MATCHES THAT SHOWN ON THE SHOP DRWINGS. CHECK THAT ERECTION SEQUENCE AND ALL PERMANENT BRACING AND SUPPORTS ARE IN ACCORDANCE WITH APPROVED SUBMITTALS.</div><div>5. CONFIRM THAT MEMBER LENGTH, DEPTH, WIDTH, CAMBER AND SIDE BOW ARE WITHIN ALLOWABLE TOLERANCES.</div><div>6. VERIFY THAT BEARING CONDITIONS COMPLY WITH SPECIFIED REQUIREMENTS.</div><div>7. INSPECT ALL FIELD CONNECTIONS AND VERIFY CONNECTION MATERIAL, SIZES AND CONFIGURATIONS FOR EMBEDS AND CONNECTORS.<div><div>a. VISUALLY EXAMINE ALL FIELD WELDS AND SPOT CHECK ALL SHOP WELDS FOR TYPE, SIZE, LENGTH AND QUALITY. VERIFY THAT SPECIFIED TESTING IS PERFORMED BY THE TESTING AGENCY. VERIFY THAT WELDS ARE CLEAN AND FREE FROM SLAG AND THAT RUST PROTECTION, IF REQUIRED, HAS BEEN APPLIED AS PER SPECIFICATIONS. VERIFY THAT ALL WELDERS ARE AWS CERTIFIED.</div><div>b. CHECK ALL COLUMN BASE CONNECTIONS AND ALL GROUTED CONNECTIONS. SPOT CHECK GROUT INSTALLATION PROCEDURES.</div><div>c. VERIFY BOLT TYPE, SIZE AND QUANTITY IN ALL BOLTED CONNECTIONS. CHECK THAT BOLTS ARE CLEAN AND LUBRICATED, HAVE PROPER WASHERS, AND CONFORM TO THE SPECIFICATIONS. CHECK THAT BOLT HOLES ARE THE SPECIFIED TYPE AND SIZE. VISUALLY VERIFY PROPER DEGREE OF BOLT TIGHTENING.</div><div>d. INSPECT ALL THREADED COUPLERS.</div><div>e. VERIFY BEARING PAD MATERIAL, SIZE, POSITION AND FLUSHNESS WITH ADJACENT MATERIALS.</div></div></div></div></div><div><div>XII. PRECAST CLADDING</div><div><div>1. THE SPECIAL INSPECTOR SHALL INSPECT ALL PRECAST CLADDING CONNECTIONS USING BOTH THE CONTRACT DOCUMENTS AND THE SHOP DRAWINGS.</div><div>2. INSPECT ALL CONNECTIONS AND VERIFY COMPLIANCE PRIOR TO CONCEALMENT.<div><div>A. INSPECT SETTING OF ANCHOR BOLTS, EMBEDS AND OTHER MISCELLANEOUS STRUCTURAL ITEMS FOR SIZE, QUANTITY AND FINISH.</div><div>B. CHECK THAT ERECTION SEQUENCE AND ALL PERMANENT BRACING AND SUPPORTS ARE IN ACCORDANCE WITH SUBMITTALS.</div><div>C. VERIFY THAT BEARING CONDITIONS COMPLY WITH SPECIFIED REQUIREMENTS.</div><div>D. VERIFY CONNECTION MATERIAL SIZES AND CONFIGURATIONS.<div><div>a. VISUALLY EXAMINE ALL WELDS FOR TYPE, SIZE, LENGTH AND QUALITY. VERIFY THAT SPECIFIED TESTING IS PERFORMED BY THE TESTING AGENCY. VERIFY THAT WELDS ARE CLEAN AND FREE FROM SLAG AND THAT RUST PROTECTION, IF REQUIRED, HAS BEEN APPLIED AS PER SPECIFICATIONS. VERIFY THAT ALL WELDERS ARE AWS CERTIFIED.</div><div>b. INSPECT EXPANSION ANCHORS AND CHEMICAL ADHESIVE FOR ANCHORING THREADED RODS AS DESCRIBED IN CAST-IN-PLACE CONCRETE.</div></div></div></div></div></div><div><div>XIII. STEEL FRAMING AND MEMBERS</div><div><div>1. INSPECT ALL STEEL MEMBERS AND FRAMING AS REQUIRED BY THE CONTRACT DOCUMENTS. USE BOTH THE CONTRACT DOCUMENTS AND THE SHOP DRAWINGS FOR ALL INSPECTIONS. VERIFY THAT ALL FIELD WELDERS ARE AWS CERTIFIED FOR THE TYPE OF WELDS BEING MADE.</div><div>2. FIELD INSPECTION OF STEEL CONSTRUCTION: PROVIDE ALL INSPECTIONS REQUIRED BY THE CONTRACT DOCUMENTS. COMPLETE ALL INSPECTIONS AND VERIFY COMPLIANCE PRIOR TO CONCRETING OR CONCEALMENT.<div><div>A. CHECK STEEL AS RECEIVED FOR POSSIBLE DAMAGE DURING SHIPPING.</div><div>B. CHECK STRUCTURAL STEEL MEMBER SIZES AND GRADES.</div><div>C. SPOT CHECK MEMBER STRAIGHTNESS, FINISH, AND CAMBER. CONFIRM THAT PAINT IS ONLY APPLIED ON APPROPRIATE SURFACES.</div><div>D. INSPECT SETTING OF ANCHOR BOLTS, EMBEDS AND OTHER MISCELLANEOUS STRUCTURAL ITEMS FOR SIZE, QUANTITY AND FINISH. CHECK THE INSTALLATION OF COLUMN BASE PLATES FOR PROPER LEVELING, GROUT TYPE AND GROUT APPLICATION.</div><div>E. INSPECT ALL FIELD CONNECTIONS AND SPOT CHECK SHOP CONNECTIONS. VERIFY CONNECTION MATERIAL SIZES, CONFIGURATIONS, AND FIT-UP.<div><div>1. VISUALLY EXAMINE ALL FIELD WELDS AND SPOT CHECK ALL SHOP WELDS FOR TYPE, SIZE, LENGTH, AND QUALITY. VERIFY THAT SPECIFIED TESTING IS PERFORMED BY THE TESTING AGENCY. VERIFY THAT WELDS ARE CLEAN AND FREE FROM SLAG AND THAT RUST PROTECTION HAS BEEN APPLIED AS PER SPECIFICATIONS.</div><div>2. VERIFY THE TYPE, SIZE AND QUANTITY OF BOLTS IN ALL BOLTED CONNECTIONS. CHECK THAT BOLTS ARE CLEAN AND LUBRICATED, HAVE PROPER WASHERS, AND CONFORM TO THE SPECIFICATIONS. CHECK THAT BOLT HOLES ARE THE SPECIFIED TYPE AND SIZE. SPOT CHECK THE BOLT TIGHTENING SEQUENCE. VISUALLY VERIFY PROPER DEGREE OF BOLT TIGHTENING, PARTICULARLY OF ALL SLIP-CRITICAL BOLTS. CHECK 10% OF LOAD INDICATOR WASHERS WITH A FEELER GAUGE.</div></div></div><div>F. CHECK HEADED STUD ANCHORS FOR SIZE, LENGTH, SPACING AND WELDING AS REQUIRED BY THE CONTRACT DOCUMENTS. VERIFY THAT SHEAR CONNECTORS ARE TESTED BY TESTING LABORATORY.</div></div></div><div>3. CHECK ALL STEEL DECKS PER SDI SPECIFICATIONS AND AS FOLLOWS:<div><div>A. DECK TYPE, SIZE, GAGE, FINISH, ACCESSORIES AND REINFORCEMENT AROUND OPENINGS.</div><div>B. SPACING AND TYPE OF ALL CONNECTIONS.</div><div>C. WELDING PROCEDURES.</div><div>D. WELD SIZE, SHAPE, QUALITY, RUST PROTECTIONS AND WELD WASHERS, WHERE APPLICABLE.</div><div>E. SCREW SIZE, TYPE AND FINISH AND OTHER CONNECTION TO SUPPORTS.</div></div></div></div></div><div><div>1. MASONRY</div><div><div>1. INSPECT ALL REINFORCED MASONRY PER ACI 530, ACI 530.1 AND AS FOLLOWS:</div><div>2. SPOT CHECK THAT MATERIALS ARE PROPERLY STORED.</div><div>3. WORKMANSHIP.</div><div>4. UNIT SIZE, STRENGTH AND WEIGHT.</div><div>5. MORTAR AND GROUT TYPE, MIXING AND PLACEMENT.</div><div>6. PLACEMENT OF REINFORCING STEEL AND JOINT REINFORCING, INSERTS, ANCHORS AND OTHER STRUCTURAL ASPECTS.</div><div>7. CHECK CLEANOUT AREAS TO CONFIRM THAT CELLS TO BE REINFORCED ARE CLEAN AND FREE OF ALL FOREIGN MATERIAL AND THAT VERTICAL BAR IS TIED TO DOWEL.</div><div>8. CONTROL JOINT CONSTRUCTION.</div><div>9. DURING GROUTING, VERIFY THAT ALL CELLS ARE FILLED SOLID AND THAT GROUT IS CONSOLIDATED AS REQUIRED BY THE CONTRACT DOCUMENTS. IF IN DOUBT AFTER COMPLETION, CHECK USING A HAMMER.</div><div>10. CHECK TIE BEAM AND TIE COLUMN SIZE, SPACING AND REINFORCING.</div><div>11. CHECK CONNECTION OF SIDE OR TOP OF WALL TO SUPPORTING ELEMENTS.</div></div></div></div></div>
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PROJECT

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S0-005

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Exhibit 1L

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1

LAP SPlice SCHEDULES

NOT TO SCALE

DEVELOPMENT LENGTH SCHEDULE (INCHES)																														SEE NOTE 5		
BAR SIZE	MINIMUM BAR SPACING (INCHES) [MAX(1",db) + db] NOTE 2	TENSION																		COMPRESSION												
		NOTED AS Ld ON DRAWINGS										NOTED AS Ldh ON DRAWINGS								NOTED AS Ldc ON DRAWINGS												
		f'c (PSI)										f'c (PSI)								f'c (PSI)												
		3000	4000	5000	6000	7000	8000	9000	10,000	11,000	12,000	3000	4000	5000	6000	7000	8000	9000	10,000	11,000	12,000	3000	4000	5000	6000	7000	8000	9000	10,000	11,000	12,000	
#4	1.500	22	19	17	16	15	14	13	12	12	12	11	10	9	8	8	7	7	6	6	6	11	10	9	9	9	9	9	9	9	9	9
#5	1.625	28	24	22	20	18	17	16	15	15	15	14	12	11	10	9	9	8	8	8	8	14	12	12	12	12	12	12	12	12	12	12
#6	1.750	33	29	26	24	22	21	19	18	18	18	17	15	13	12	11	11	10	9	9	9	17	15	14	14	14	14	14	14	14	14	14
#7	1.875	48	42	38	34	32	30	28	27	27	27	20	17	15	14	13	12	12	11	11	11	20	17	16	16	16	16	16	16	16	16	16
#8	2.000	55	48	43	39	36	34	32	30	30	30	22	19	17	16	15	14	13	12	12	12	22	19	18	18	18	18	18	18	18	18	18
#9	2.375	62	54	48	44	41	38	36	34	34	34	25	22	20	18	17	16	15	14	14	14	25	22	21	21	21	21	21	21	21	21	21
#10	2.625	70	61	54	50	46	43	41	39	39	39	28	25	22	20	19	18	17	16	16	16	28	25	23	23	23	23	23	23	23	23	23
#11	2.875	78	67	60	55	51	48	45	43	43	43	31	27	24	22	21	19	18	17	17	17	31	27	26	26	26	26	26	26	26	26	26

DEVELOPMENT LENGTH SCHEDULE NOTES:

1.
- WHERE MORE THAN 12 INCHES OF FRESH CONCRETE IS CAST BELOW THE DEVELOPMENT LENGTH, MULTIPLY Ld BY 1.3.

2.

WHERE STIRRUPS OR TIES ARE NOT PRESENT THROUGHOUT Ld, MINIMUM BAR SPACING MUST BE INCREASED TO [MAX(1", db) + 2db] FOR SCHEDULED VALUES TO BE APPLICABLE.

LAP SPLICE NOTES:

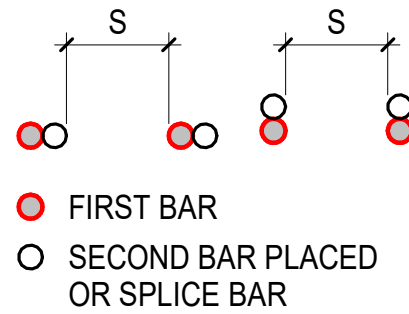
1.
- TABULATED VALUES ARE PER ACI 318-11 REQUIREMENTS FOR NORMALWEIGHT CONCRETE. THE VALUES ON THIS SHEET DO NOT APPLY TO LIGHTWEIGHT CONCRETE

2.

SEE TYPICAL DETAILS FOR CLEAR COVER

3.

MINIMUM BAR SPACING DIAGRAM - "S"



4.
- WHERE ACTUAL CONDITIONS DIFFER FROM THE CLEAR COVER SHOWN ON THE TYPICAL DETAILS OR DIFFER FROM PROVIDED SCHEDULED BAR SIZE MINIMUM SPACING AND/OR f'c, LENGTHS SHALL BE ADJUSTED ONLY WITH THE APPROVAL OF THE STRUCTURAL ENGINEER OF RECORD.

5.

TABULATED VALUES ARE FOR NON-EPOXY COATED GRADE 60 REINFORCEMENT IN NORMALWEIGHT CONCRETE

FOR EPOXY COATED REINFORCEMENT:

MULTIPLY Ld BY 1.5  
MULTIPLY Ldh BY 1.2  
Ldc IS NOT AFFECTED  
MULTIPLY LTS BY 1.3 FOR "TOP BARS"  
MULTIPLY LTS BY 1.5 FOR ALL OTHER REINFORCEMENT

FOR GRADE 75 REINFORCEMENT:

MULTIPLY Ld, Ldh, Ldc, AND LTS BY 1.25  
MULTIPLY Lcs BY 1.45

6.
- WHERE BARS OF DIFFERENT SIZES ARE LAP SPICED IN TENSION, THE TENSION LAP SPLICE LENGTH (LTS) SHALL BE THE LARGER OF THE TENSION DEVELOPMENT LENGTH (Ld) OF THE LARGER BAR AND THE TENSION LAP SPLICE LENGTH OF THE SMALLER BAR.

7.

WHERE BARS OF DIFFERENT SIZES ARE LAP SPICED IN COMPRESSION, THE COMPRESSION LAP LENGTH (LCS) SHALL BE THE LARGER OF THE COMPRESSION DEVELOPMENT LENGTH (Ldc) OF THE LARGER BAR OR THE COMPRESSION LAP SPLICE LENGTH OF THE SMALLER BAR.

8.

"TOP BARS" ARE DEFINED AS HORIZONTAL REINFORCEMENT PLACED SUCH THAT MORE THAN 12 INCHES OF FRESH CONCRETE IS CAST BELOW THE DEVELOPMENT LENGTH OR SPLICE  
"OTHER BARS" ARE ALL BARS FOR WHICH THIS DOES NOT APPLY

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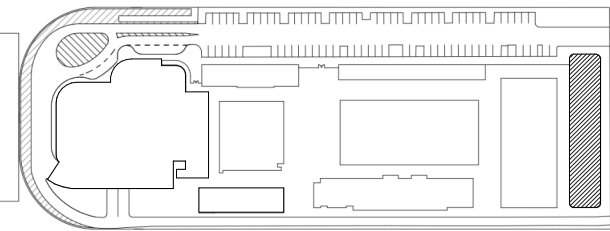
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1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



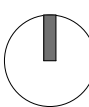
△	DESCRIPTION	DATE
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NOT FOR  
CONSTRUCTION

SEAL & SIGNATURE

TO THE BEST OF THE STRUCTURAL ENGINEERS KNOWLEDGE THE PLANS, DETAILS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE BUILDING CODES

PROJECT NORTH:



DRAWING TITLE

GENERAL LAP SPLICE SCHEDULES-I

PROJECT NUMBER: 010326.000

DATE: 12/13/2016

SCALE: NOT TO SCALE

SHEET

S0-100



CAISSON REINFORCEMENT LAP SPLICE LENGTH SCHEDULE (INCHES)						SEE NOTE 5
BAR SIZE	MINIMUM BAR SPACING (INCHES)	TENSION (LTS)			COMPRESSION (LCS)	
		f'c = 4 KSI	f'c = 5 KSI	f'c = 6 KSI		
#5	4.375	19	17	16		19
#6	4.250	23	20	19		23
#7	4.125	35	31	29		27
#8	4.000	47	42	38		30
#9	3.875	61	55	50		34
#10	3.750	79	71	64		39
#11	3.625	87	78	71		43

SLAB/SLAB-ON-GRADE REINFORCEMENT LAP SPLICE LENGTH SCHEDULE (INCHES)								SEE NOTE 5
BAR SIZE	MINIMUM BAR SPACING (INCHES)	TENSION (LTS)						
		f'c = 3 KSI	f'c = 4 KSI	f'c = 5 KSI	f'c = 6 KSI	f'c = 7 KSI	f'c = 8 KSI	
#4	5.500	22	19	17	16	14	14	
#5	5.375	32	28	25	23	21	20	
#6	5.250	43	37	34	31	28	27	
#7	5.125	69	60	54	49	46	43	
#8	5.000	86	74	67	61	56	53	

COLUMN REINFORCEMENT LAP SPLICE LENGTH SCHEDULE (INCHES)											SEE NOTE 5
BAR SIZE	MINIMUM BAR SPACING (INCHES)	TENSION (LTS)									COMPRESSION (LCS)
		f'c = 4 KSI	f'c = 5 KSI	f'c = 6 KSI	f'c = 7 KSI	f'c = 8 KSI	f'c = 9 KSI	f'c = 10 KSI	f'c = 11 KSI	f'c = 12 KSI	
#5	2.125	28	25	23	21	20	19	18	18	18	19
#6	2.250	37	34	31	28	27	25	24	24	24	23
#7	2.375	54	49	45	41	39	36	35	35	35	27
#8	2.500	62	56	51	47	44	42	39	39	39	30
#9	2.875	70	63	57	53	50	47	44	44	44	34
#10	3.250	79	71	64	60	56	53	50	50	50	39
#11	3.625	87	78	71	66	62	58	55	55	55	43

GRADE BEAM/BEAM REINFORCEMENT LAP SPLICE LENGTH SCHEDULE (INCHES)																SEE NOTE 5
BAR SIZE	MINIMUM BAR SPACING (INCHES)	TENSION (LTS)														
		f'c = 4 KSI		f'c = 5 KSI		f'c = 6 KSI		f'c = 7 KSI		f'c = 8 KSI		f'c = 9 KSI		f'c = 10 KSI		
		TOP BARS	OTHER	TOP BARS	OTHER	TOP BARS	OTHER	TOP BARS	OTHER	TOP BARS	OTHER	TOP BARS	OTHER	TOP BARS	OTHER	
#4	1.500	33	25	29	23	27	21	25	19	23	18	22	17	21	16	
#5	1.625	41	31	36	28	33	26	31	24	29	22	27	21	26	20	
#6	1.750	49	37	44	34	40	31	37	28	35	27	33	25	31	24	
#7	1.875	71	54	63	49	58	45	54	41	50	39	47	36	45	35	
#8	2.000	81	62	72	56	66	51	61	47	57	44	54	42	51	39	
#9	2.375	91	70	81	63	74	57	69	53	64	50	61	47	58	44	
#10	2.625	102	79	92	71	84	64	77	60	72	56	68	53	65	50	
#11	2.875	114	87	102	78	93	71	86	66	80	62	76	58	72	55	

FOOTING/MAT REINFORCEMENT LAP SPLICE LENGTH SCHEDULE (INCHES)																	SEE NOTE 5
BAR SIZE	MINIMUM BAR SPACING (INCHES)	TENSION LAP (LTS)															
		f'c = 4 KSI		f'c = 5 KSI		f'c = 6 KSI		f'c = 7 KSI		f'c = 8 KSI		f'c = 9 KSI		f'c = 10 KSI			
		TOP BARS	OTHER	TOP BARS	OTHER	TOP BARS	OTHER	TOP BARS	OTHER	TOP BARS	OTHER	TOP BARS	OTHER	TOP BARS	OTHER		
#4	5.500	20	15	18	14	16	13	15	12	14	12	13	12	13	12		
#5	5.375	25	19	22	17	20	16	19	14	18	14	17	13	16	12		
#6	5.250	29	23	26	20	24	19	22	17	21	16	20	15	19	15		
#7	5.125	43	33	38	29	35	27	32	25	30	23	29	22	27	21		
#8	5.000	49	37	44	34	40	31	37	28	35	27	33	25	31	24		
#9	4.875	63	49	57	44	52	40	48	37	45	35	42	33	40	31		
#10	4.750	82	63	74	57	67	52	62	48	58	45	55	42	52	40		
#11	4.625	104	80	93	72	85	65	79	61	74	57	69	54	66	51		

1

LAP SPLICE SCHEDULES

SCALE: NOT TO SCALE

SHEAR WALL REINFORCEMENT - VERTICAL BARS LAP SPLICE LENGTH SCHEDULE (INCHES)												SEE NOTE 5
BAR SIZE	MINIMUM BAR SPACING (INCHES)	TENSION (LTS)									COMPRESSION (LCS)	
		f'c = 4 KSI	f'c = 5 KSI	f'c = 6 KSI	f'c = 7 KSI	f'c = 8 KSI	f'c = 9 KSI	f'c = 10 KSI	f'c = 11 KSI	f'c = 12 KSI		
#4	5.500	15	14	13	12	12	12	12	12	12		15
#5	5.375	19	17	16	14	14	13	12	12	12		19
#6	5.250	26	23	21	20	19	18	17	17	17		23
#7	5.125	42	38	35	32	30	28	27	27	27		27
#8	5.000	53	48	44	40	38	36	34	34	34		30
#9	4.875	65	59	53	50	46	44	42	42	42		34
#10	4.750	80	71	65	60	56	53	51	51	51		39
#11	4.625	95	85	77	72	67	63	60	60	60		43

SHEAR WALL REINFORCEMENT - HORIZONTAL BARS LAP SPLICE LENGTH SCHEDULE (INCHES)												SEE NOTE 5
BAR SIZE	MINIMUM BAR SPACING (INCHES)	TENSION (LTS)									COMPRESSION (LCS)	
		f'c = 4 KSI	f'c = 5 KSI	f'c = 6 KSI	f'c = 7 KSI	f'c = 8 KSI	f'c = 9 KSI	f'c = 10 KSI	f'c = 11 KSI	f'c = 12 KSI		
#4	5.500	25	22	20	19	18	17	16	16	16		15
#5	5.375	36	32	29	27	26	24	23	23	23		19
#6	5.250	49	44	40	37	35	33	31	31	31		23
#7	5.125	78	70	64	59	55	52	50	50	50		27
#8	5.000	97	87	79	73	69	65	61	61	61		30
#9	4.875	117	105	96	89	83	78	74	74	74		34
#10	4.750	141	126	115	106	100	94	89	89	89		39
#11	4.625	165	147	135	125	117	110	104	104	104		43

ARQUITECTONICA

OWNER:  
Capital Group P3  
55 NE 5th Avenue, Suite 501  
Boca Raton, FL 33432  
TEL:561.705.5353

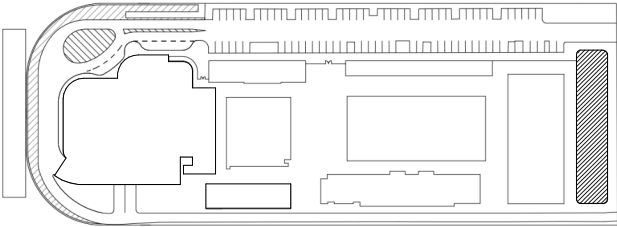
ARCHITECT:  
ARQUITECTONICA  
2800 OAK AVENUE  
MIAMI, FL 33133  
TEL:305.372.1812

STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
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FORT LAUDERDALE, FL 33301  
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MEP/FP ENGINEERS:  
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
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CIVIL ENGINEER:  
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TEL:954.788.3400

PROJECT  
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1 Hall of Fame Dr., Fort Lauderdale, FL 33316

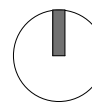
KEY PLAN:  


△ DESCRIPTION DATE

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PROJECT NORTH:  


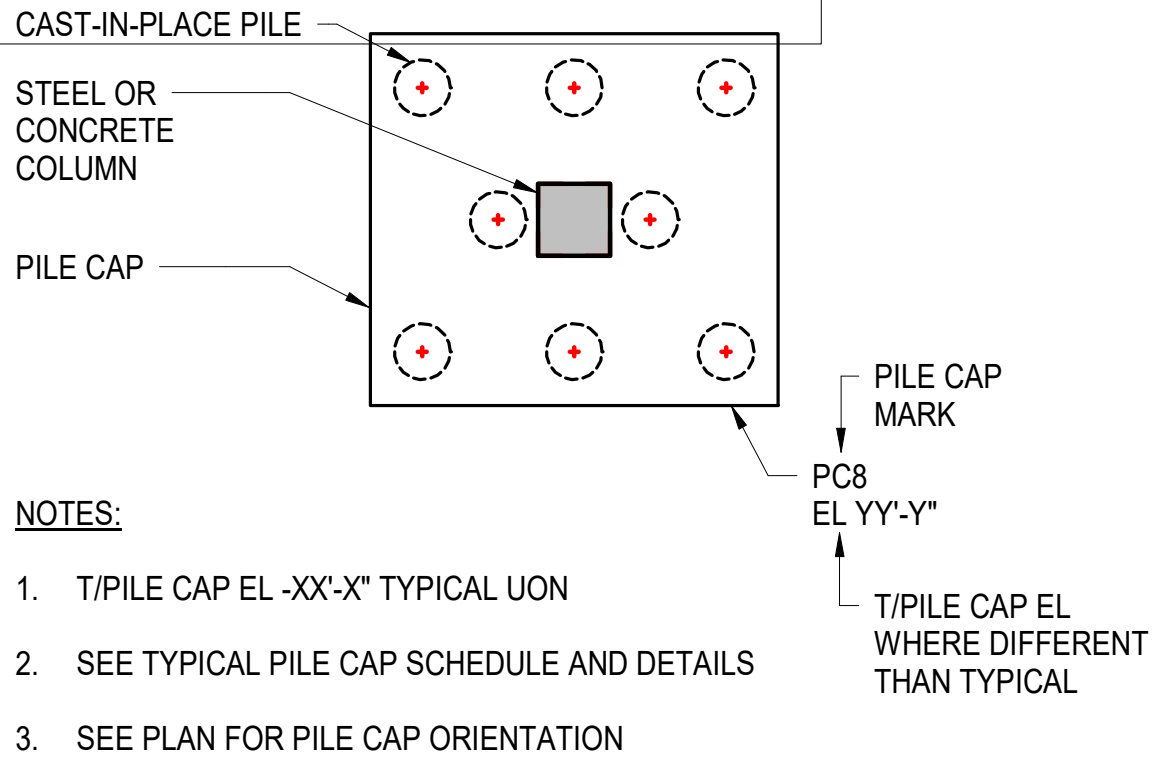
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GENERAL LAP SPLICE SCHEDULES-II

PROJECT NUMBER: 010326.000  
DATE: 06/13/22  
SCALE: NOT TO SCALE  
SHEET  
S0-100A

CAM 23-0723  
Exhibit 1L  
Page 40 of 171



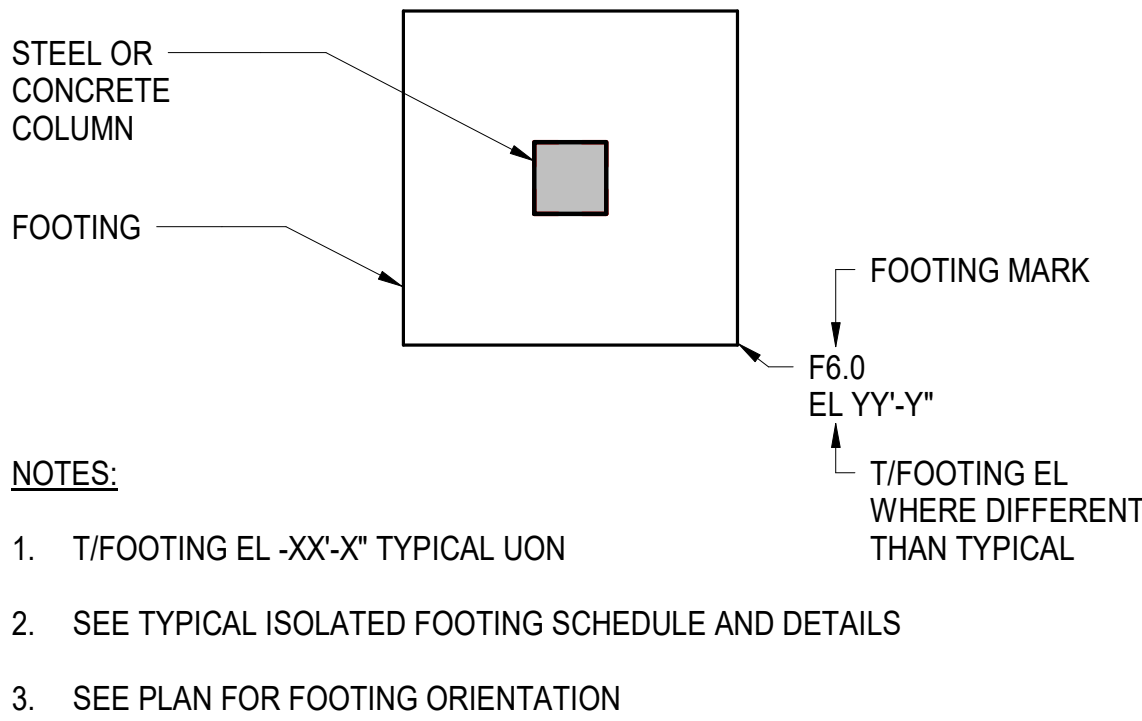
### CAST-IN-PLACE PILE AND PILE CAP LEGEND



### 1 CAST-IN-PLACE PILE AND PILE CAP LEGEND

NOT TO SCALE

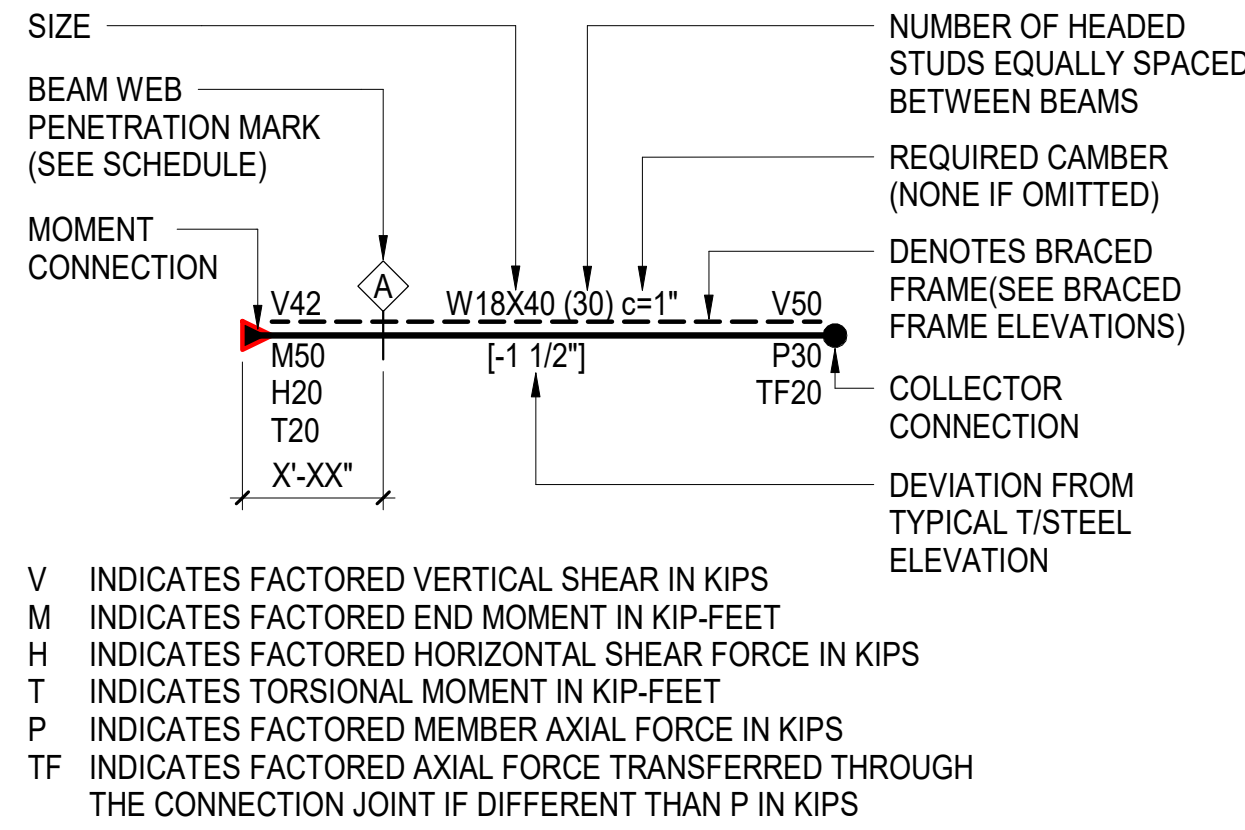
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### 2 ISOLATED FOOTING LEGEND

NOT TO SCALE

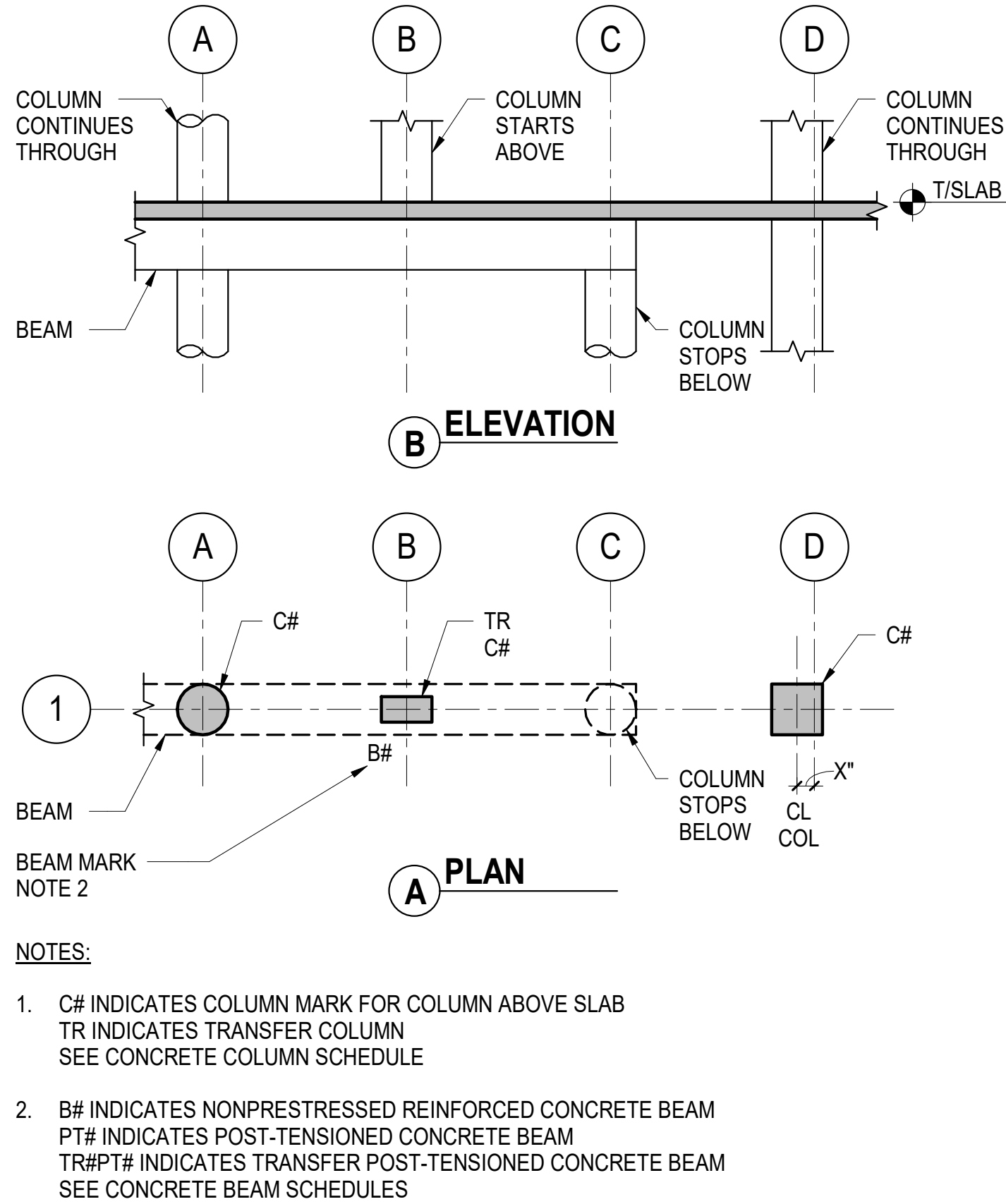
### STEEL BEAM LEGEND



### 3 STEEL BEAM LEGEND

NOT TO SCALE

### CONCRETE BEAM AND COLUMN LEGEND



### 4 CONCRETE BEAM AND COLUMN LEGEND

NOT TO SCALE

ARQUITECTONICA

OWNER:  
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TEL:561.705.5353

ARCHITECT:  
ARQUITECTONICA  
2800 OAK AVENUE  
MIAMI, FL 33133  
TEL:305.372.1812

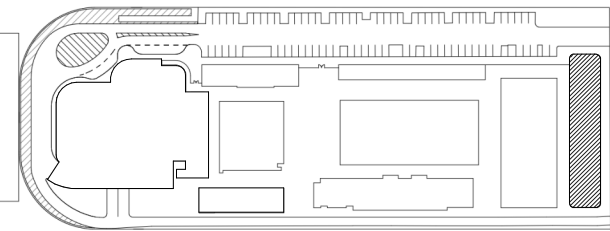
STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL:954.903.9300 • FL CA#7519

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TEL:954.949.2200

CIVIL ENGINEER:  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL:954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



△ DESCRIPTION DATE

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APPLICABLE BUILDING CODES

PROJECT NORTH:



DRAWING TITLE

GENERAL SCHEDULES AND LEGENDS

PROJECT NUMBER: 010326.000

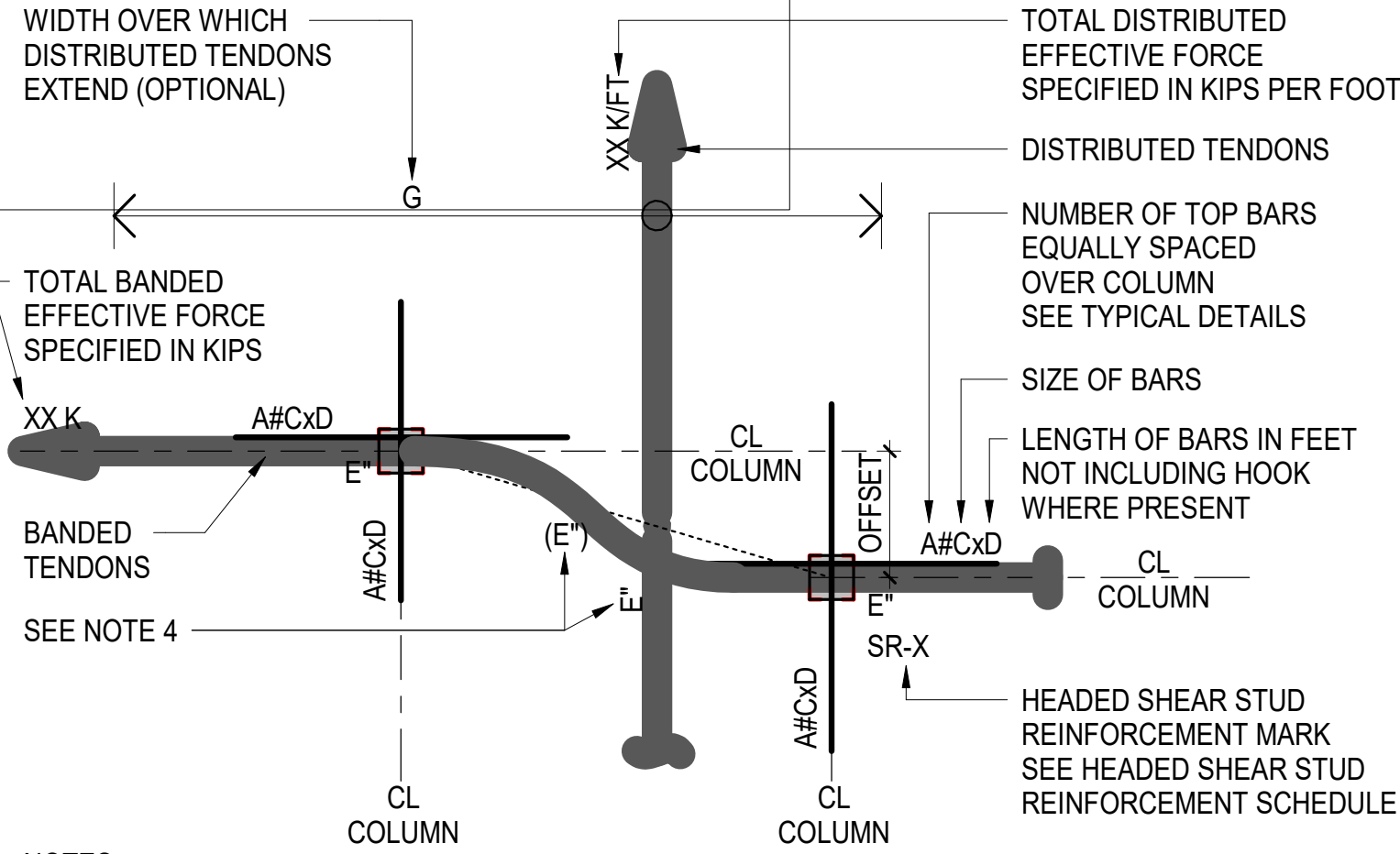
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SCALE: 12" = 1'-0"

SHEET

S0-101





NOTES:

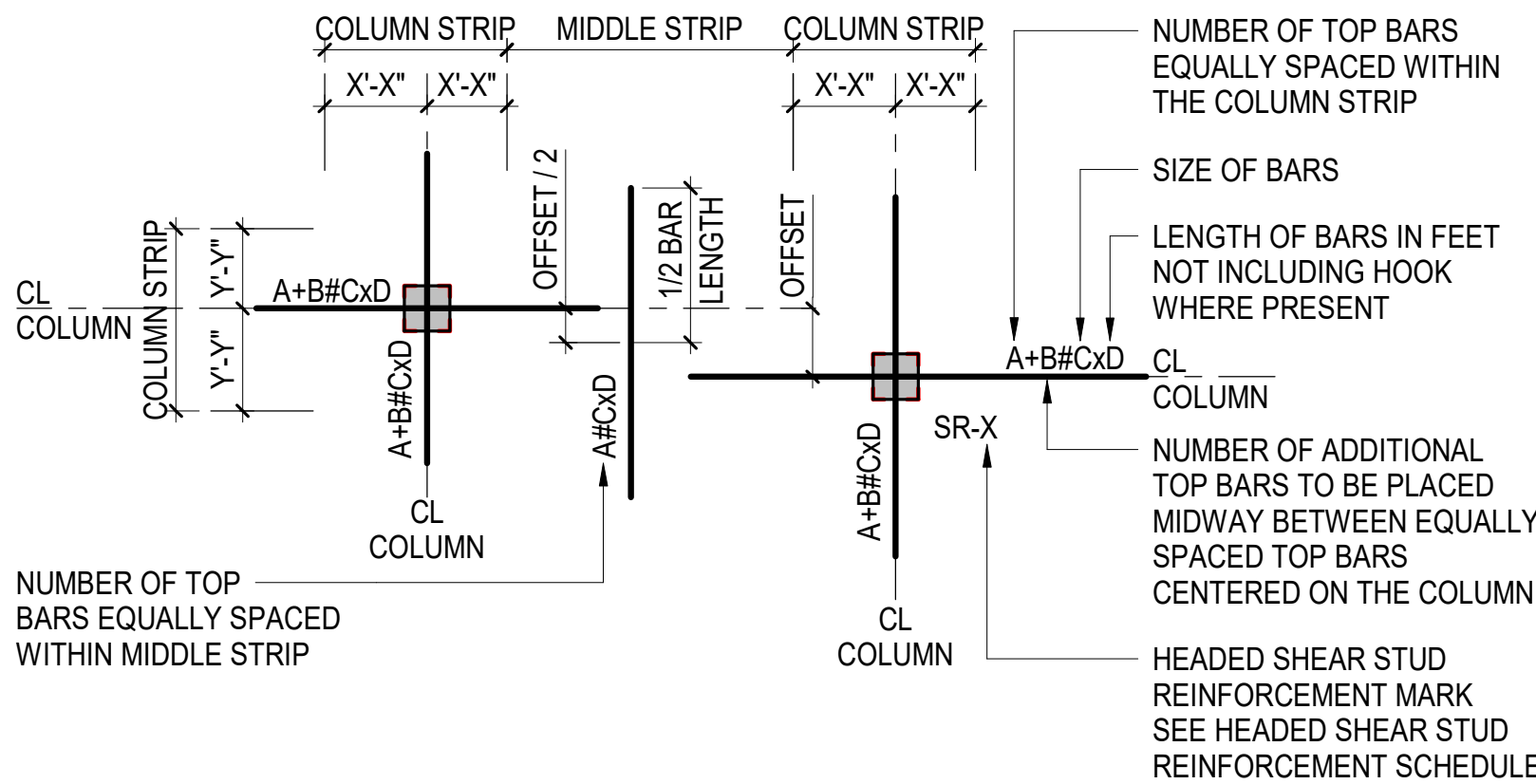
- CENTERLINE OF COLUMN MAY NOT COINCIDE WITH GRIDLINES  
SEE DRAWINGS FOR OFFSET DIMENSIONS
- HOOK ALL TOP BARS THAT PASS THROUGH COLUMN AT EXTERIOR SUPPORT  
WITH 90° STANDARD HOOK OR IF NECESSARY USE 180° STANDARD HOOK
- SEE PLANS FOR ACTUAL ORIENTATION OF BANDED AND DISTRIBUTED TENDONS
- DIMENSION E OR (E) IS MEASURED FROM BOTTOM OF SLAB OR BOTTOM OF DROP  
PANEL RESPECTIVELY TO CENTROID OF TENDON FORCE

6. SYMBOLS:

- INDICATES STRESSING END OF TENDON
- INDICATES DEAD END OF TENDON
- INDICATES TENDON CONTINUATION. SEE ADJACENT TENDON FOR REMAINDER OF TENDON INFORMATION
- INDICATES PATH OF TENDON PROFILE POINT FOR DISTRIBUTED TENDONS BETWEEN OFFSET COLUMNS
- INDICATES DISTRIBUTED TENDON GRAPHICAL EXTENTS

## TWO-WAY POST-TENSIONED SLAB TOP BAR REINFORCEMENT AND TENDON LEGEND

1 NOT TO SCALE

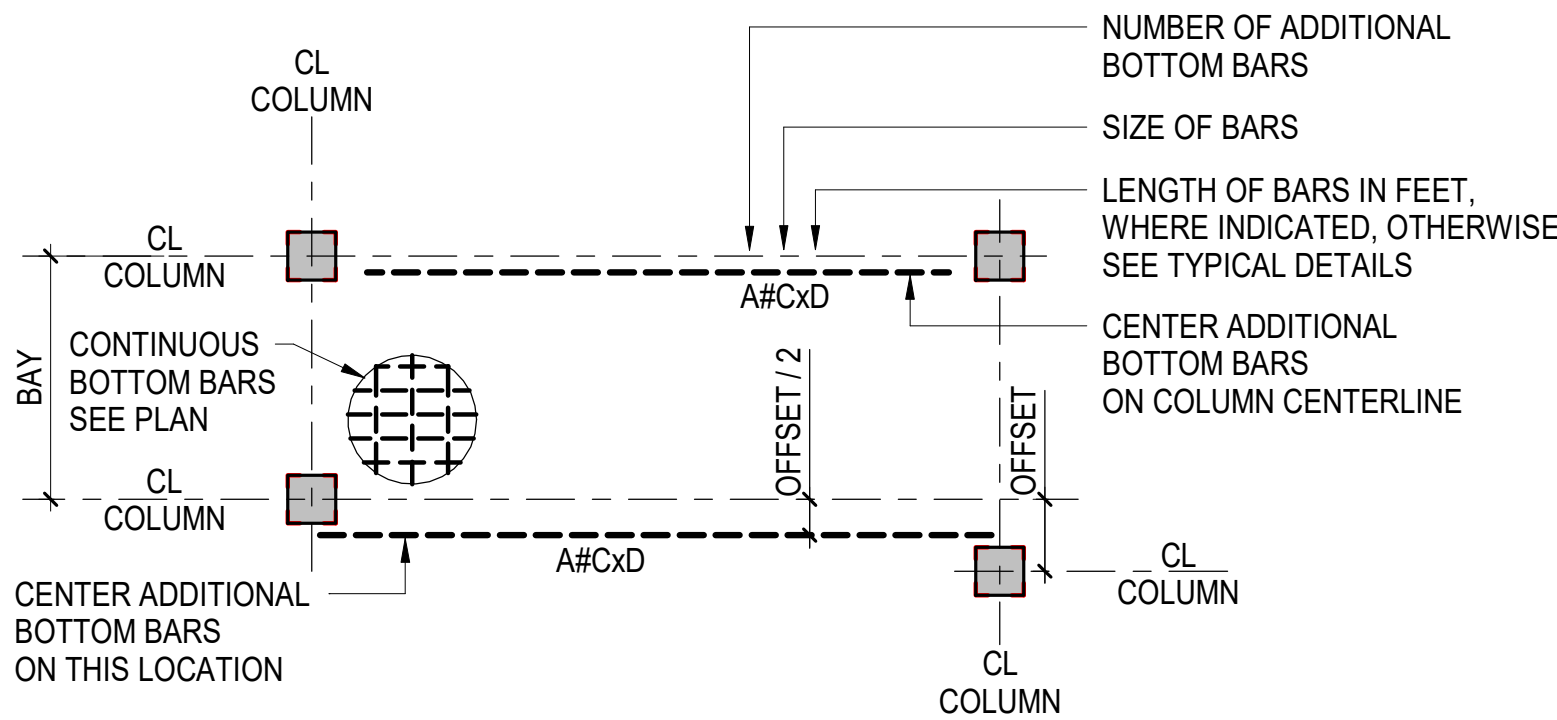


TOP BAR LEGEND NOTES:

- NUMBER/SIZE/LENGTH OF MIDDLE STRIP BARS SHOWN IN ONE DIRECTION ONLY  
SAME NOTATION APPLIES IN PERPENDICULAR DIRECTION
- CENTERLINE OF COLUMN MAY NOT COINCIDE W/ GRIDLINES  
SEE DRAWINGS FOR OFFSET DIMENSION
- HOOK ALL TOP BARS THAT PASS THROUGH COLUMN AT EXTERIOR SUPPORT  
WITH 90° STANDARD HOOK OR IF NECESSARY USE 180° STANDARD HOOK

## TWO-WAY SLAB TOP BAR REINFORCEMENT LEGEND

3 NOT TO SCALE

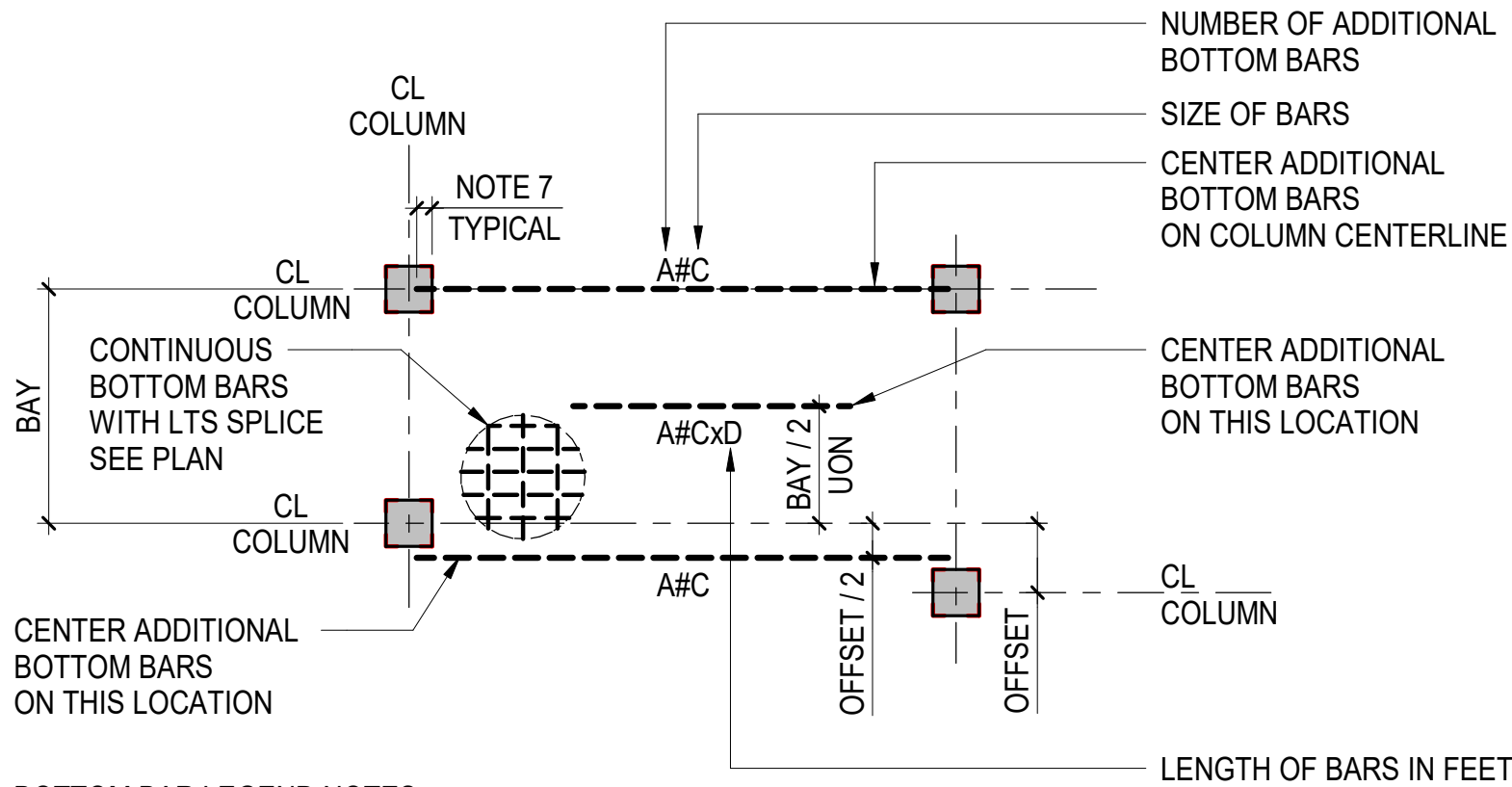


NOTES:

- NUMBER / SIZE / LENGTH OF BARS SHOWN IN ONE DIRECTION ONLY  
THE SAME NOTATIONS APPLY IN PERPENDICULAR DIRECTION
- CENTERLINE OF COLUMN MAY NOT COINCIDE W/ GRIDLINES  
SEE DRAWINGS FOR OFFSET DIMENSION
- PLACE ADDITIONAL BARS AT SAME SPACING OF CONTINUOUS BARS  
AND MIDWAY BETWEEN CONTINUOUS BARS, UON
- ALL CONTINUOUS BOTTOM BARS TO EXTEND WITHIN 2 INCHES OF SLAB EDGE
- AT EXTERIOR SUPPORT HOOK BOTTOM BARS THAT PASS THROUGH COLUMN  
WITH 90° STANDARD HOOK OR IF NECESSARY USE 180° STANDARD HOOK.

## TWO-WAY POST-TENSIONED SLAB BOTTOM BAR REINFORCEMENT LEGEND

2 NOT TO SCALE



BOTTOM BAR LEGEND NOTES:

- NUMBER / SIZE / LENGTH OF BARS SHOWN IN ONE DIRECTION ONLY  
SAME NOTATIONS APPLY IN PERPENDICULAR DIRECTION
- CENTERLINE OF COLUMN MAY NOT COINCIDE W/ GRIDLINES  
SEE DRAWINGS FOR OFFSET DIMENSION
- PLACE ADDITIONAL BARS AT SAME SPACING OF CONTINUOUS BARS AND MIDWAY BETWEEN  
CONTINUOUS BARS UON
- ALL CONTINUOUS BOTTOM BARS TO EXTEND WITHIN 2 INCHES OF SLAB EDGE
- A MINIMUM OF 2 BOTTOM BARS MUST EXTEND THROUGH THE COLUMN JOINT IN EACH DIRECTION
- AT EXTERIOR SUPPORT HOOK 2 BOTTOM BARS THAT PASS THROUGH COLUMN WITH 90° STANDARD  
HOOK OR IF NECESSARY USE 180° STANDARD HOOK
- EXTEND BOTTOM BARS 6 INCHES INTO SUPPORT AT EACH END

## TWO-WAY SLAB BOTTOM BAR REINFORCEMENT LEGEND

4 NOT TO SCALE

# ARQUITECTONICA

OWNER:

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STRUCTURAL ENGINEER:

THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL:954.903.9300 • FL CA#7519

MEP/FP ENGINEERS:

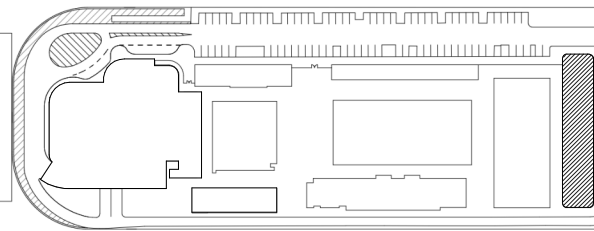
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL:954.949.2200

CIVIL ENGINEER:

KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL:954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



△	DESCRIPTION	DATE
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PLANS, DETAILS AND SPECIFICATIONS COMPLY WITH THE  
APPLICABLE BUILDING CODES

PROJECT NORTH:



DRAWING TITLE  
GENERAL LEGENDS

PROJECT NUMBER: 010326.000

DATE: 10/22/20

SCALE: NOT TO SCALE

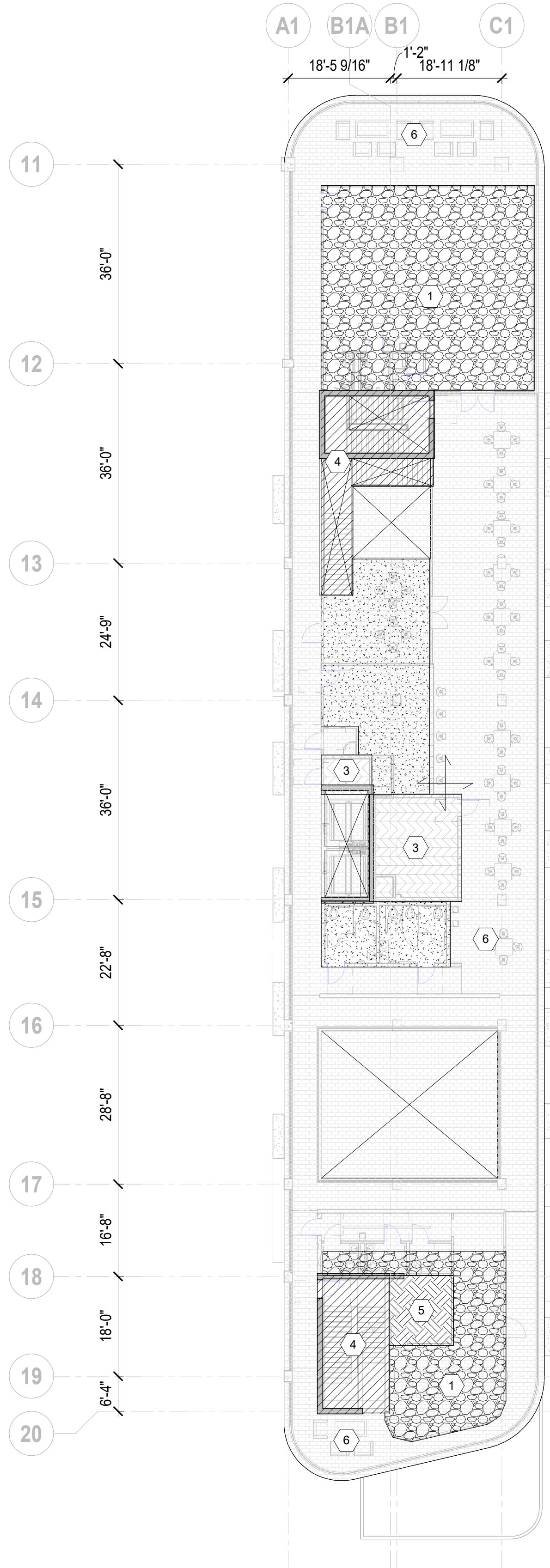
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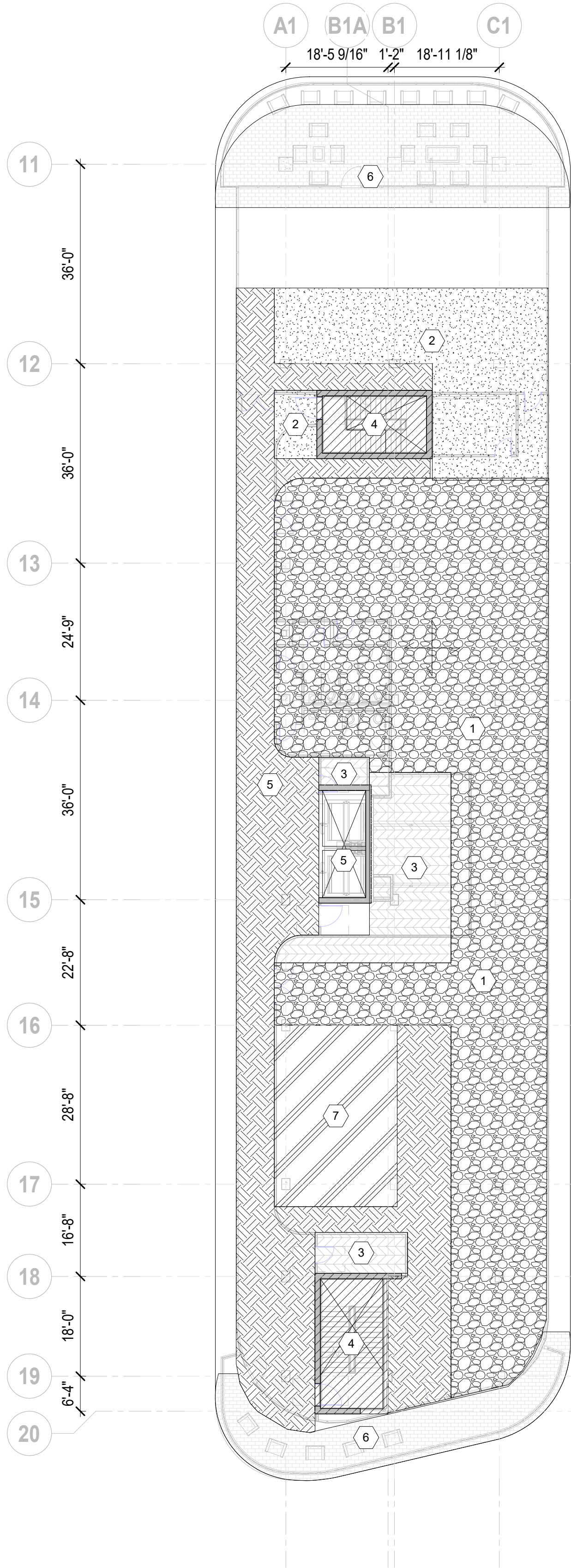




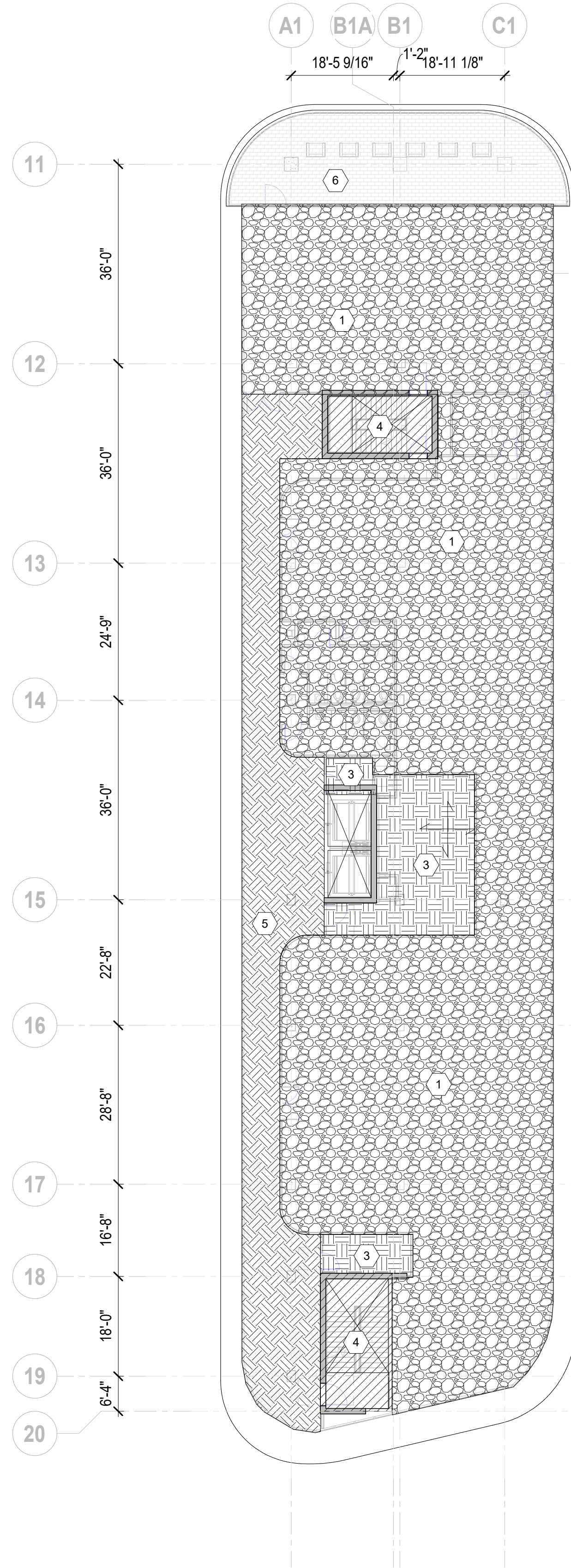




1 LEVEL 02 FRAMING PLAN  
SCALE: 1/16" = 1'-0"



2 LEVEL 03 FRAMING PLAN  
SCALE: 1/16" = 1'-0"



3 LEVEL 04 FRAMING PLAN LOADING DIAGRAM  
SCALE: 1/16" = 1'-0"

ARQUITECTONICA

OWNER:  
Capital Group P3  
55 NE 5th Avenue, Suite 501  
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TEL: 561.705.5353

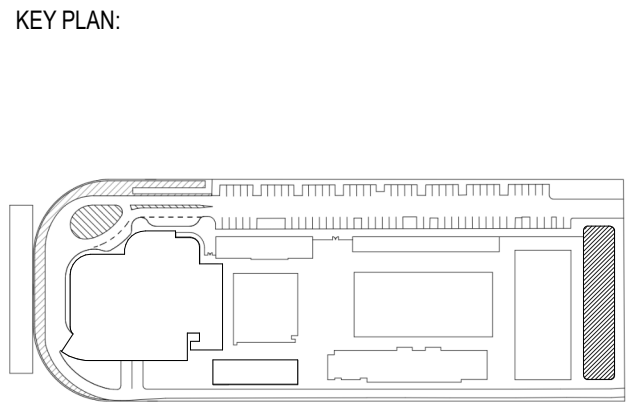
ARCHITECT:  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
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FORT LAUDERDALE, FL 33301  
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MEP/FP ENGINEERS:  
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CIVIL ENGINEER:  
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2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
ISHOF  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

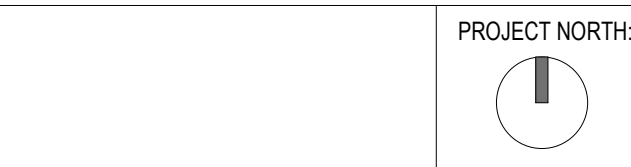


△	DESCRIPTION	DATE
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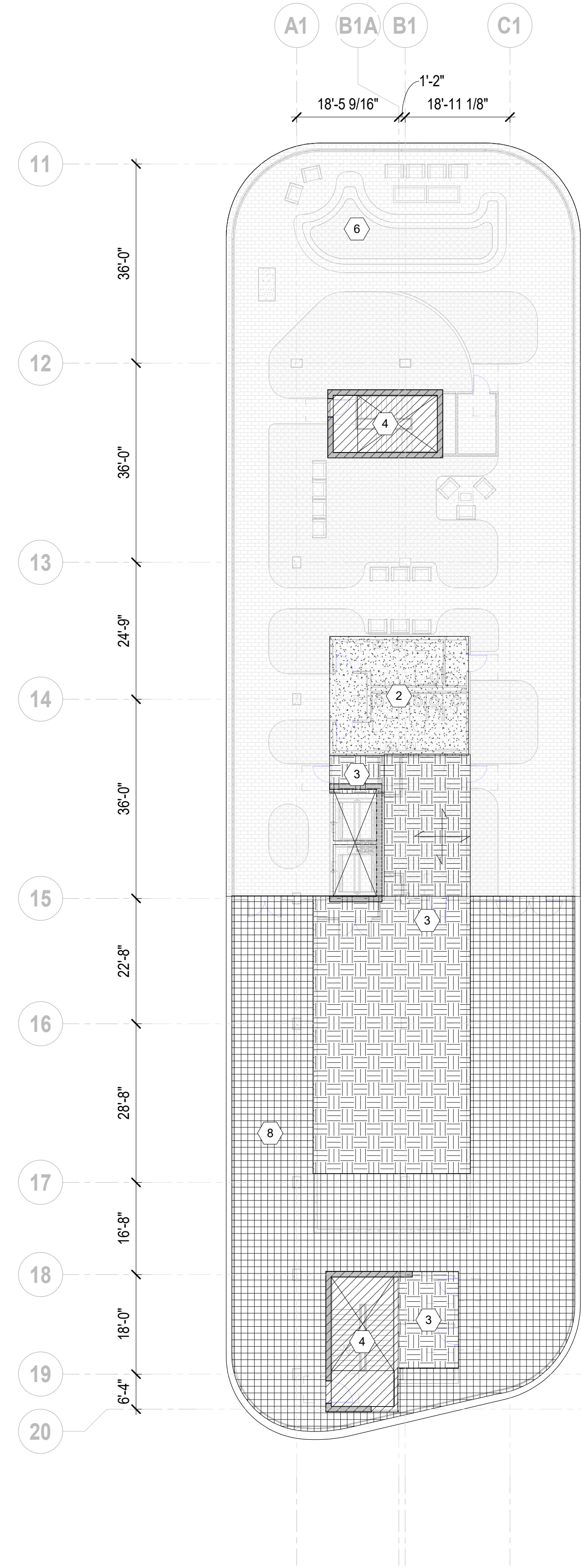


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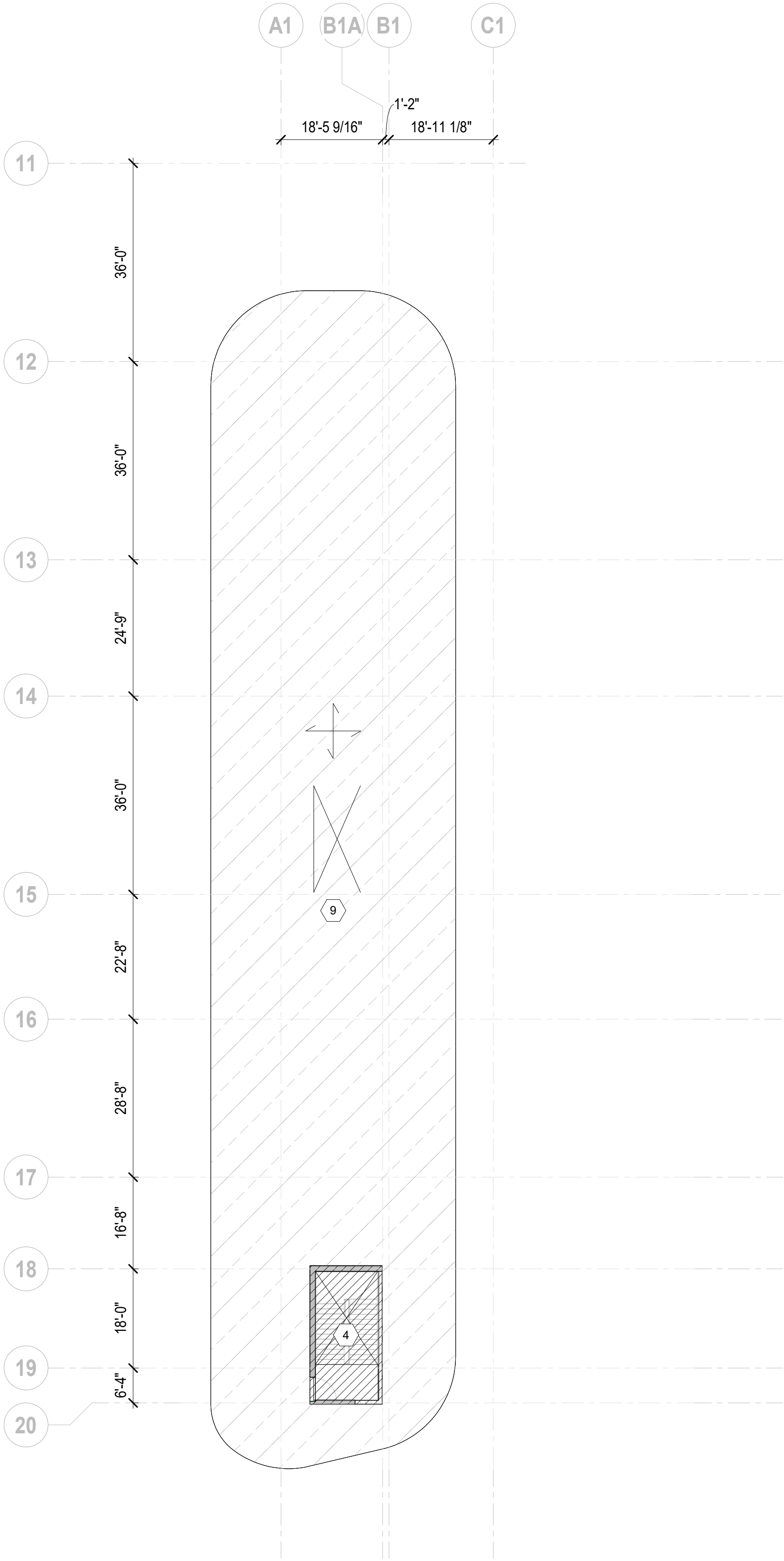
PROJECT NUMBER: 010326.000  
DATE: 06/15/22  
SCALE: 1/16" = 1'-0"  
SHEET

S0-200A





1. LEVEL 05 FRAMING PLAN LOADING DIAGRAM  
SCALE: 1/16" = 1'-0"



2. LEVEL 06 FRAMING PLAN  
SCALE: 1/16" = 1'-0"

## ARQUITECTONICA

### OWNER:

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TEL: 561.705.5353

### ARCHITECT:

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MIAMI, FL 33133  
TEL: 305.372.1812

### STRUCTURAL ENGINEER:

THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300 • FL CA#7519

### MEP/FP ENGINEERS:

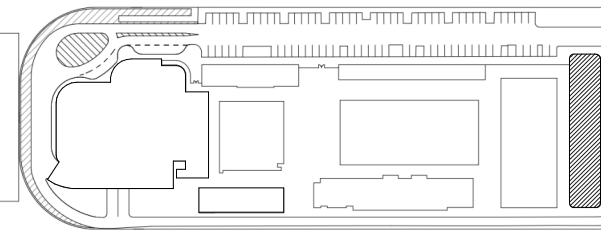
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

### CIVIL ENGINEER:

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TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

### KEY PLAN:



△	DESCRIPTION	DATE
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### PROJECT NORTH:



DRAWING TITLE  
**LOADING DIAGRAM**

PROJECT NUMBER: 010326.000

DATE: 06/15/22

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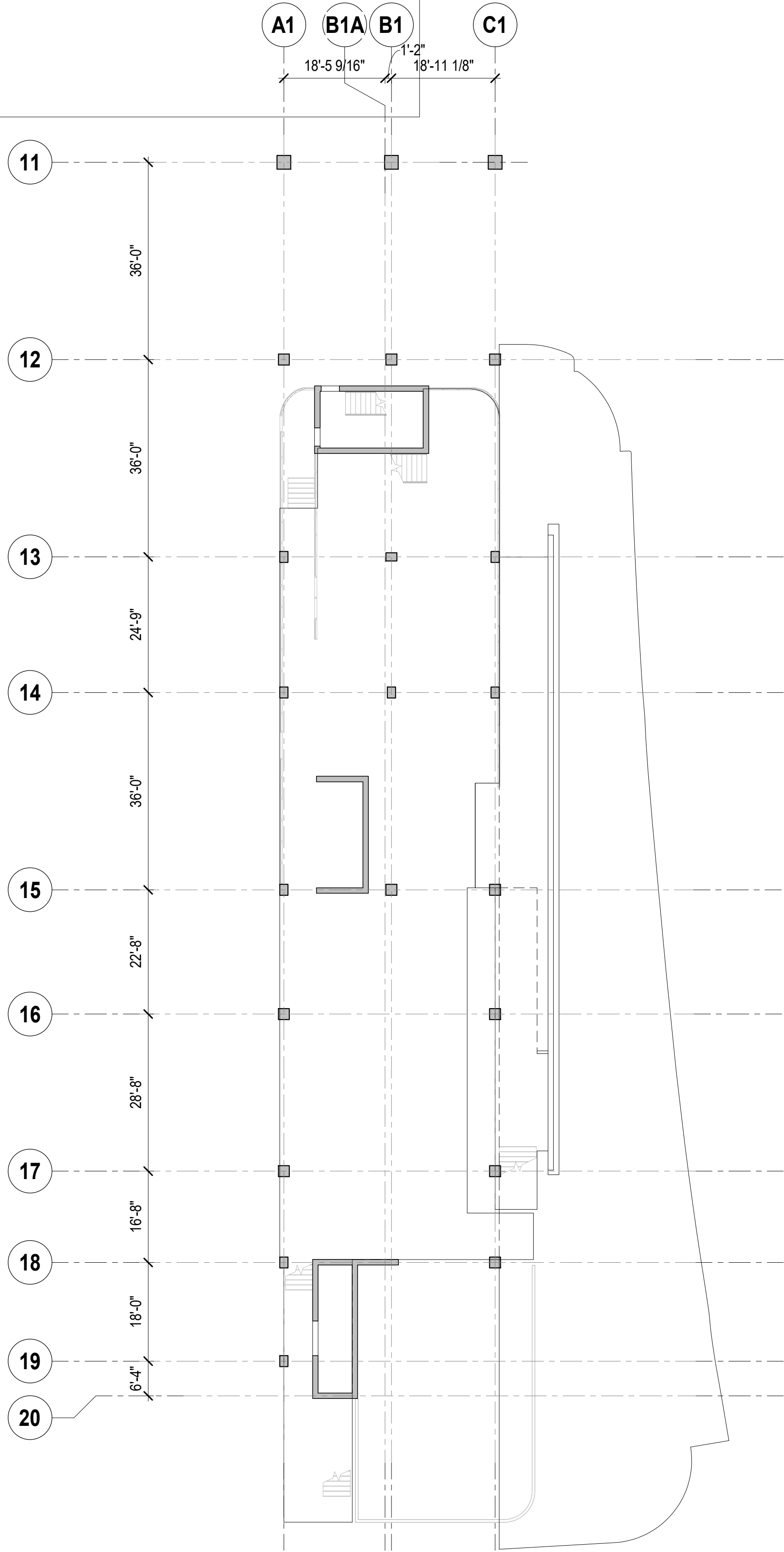
SHEET

**S0-200B**



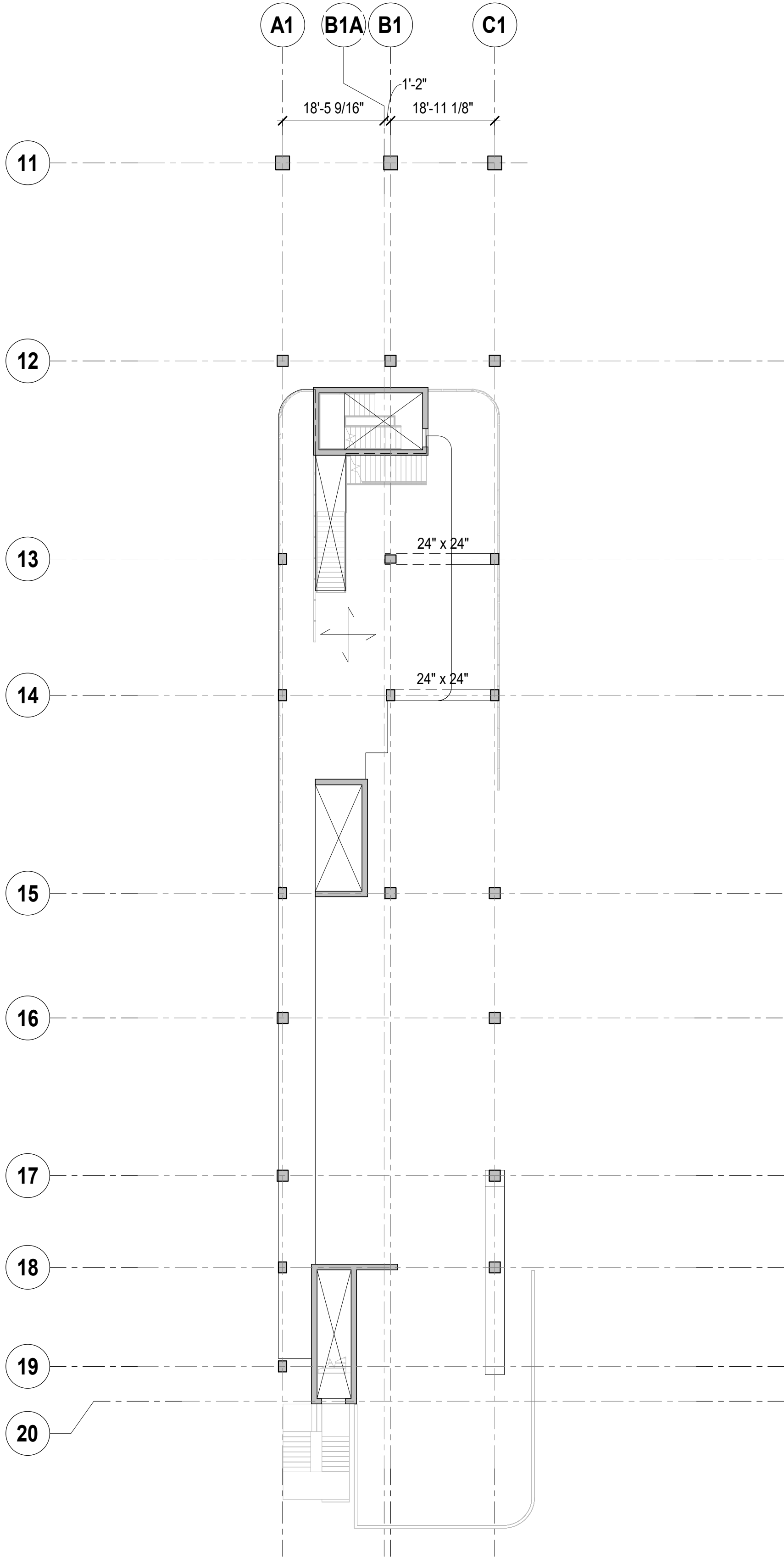
1 LEVEL 01 FRAMING PLAN

SCALE: 1/16" = 1'-0"



2 LEVEL 01 MEZZ. FRAMING PLAN

SCALE: 1/16" = 1'-0"



NOTES:

- SEE GENERAL NOTES FOR CONCRETE COMPRESSIVE STRENGTH
- T/FOOTING = EL YY'-Y", UON
- TOP OF SLAB AND TOP OF BEAM EL +YY'-Y" UON THUS:  
X" X - INDICATES CHANGE IN STRUCTURAL SLAB ELEVATION
- SLABS TO BE 12" THICK NORMALWEIGHT CONCRETE TWO-WAY SLAB WITH 4 1/4" DROP PANELS, TYPICAL UON
- SEE GENERAL NOTES FOR CONCRETE COMPRESSIVE STRENGTH
- SEE DRAWING SX-XXX FOR SLAB REINFORCEMENT
- FOR ADDITIONAL INFORMATION REFER TO THE FOLLOWING DRAWINGS:

DRAWING LISTS, GENERAL NOTES AND LOADING DIAGRAMS	S0 SERIES DRAWINGS
TYPICAL FOUNDATION DETAILS	S2 SERIES DRAWINGS
LATERAL SYSTEM ELEVATIONS, CONNECTION FORCES AND DETAILS	S3 SERIES DRAWINGS
CONCRETE SUPERSTRUCTURE SCHEDULES AND DETAILS	S4 SERIES DRAWINGS
STEEL SUPERSTRUCTURE SCHEDULES AND DETAILS	S5 SERIES DRAWINGS
MASONRY DETAILS	S6 SERIES DRAWINGS

8. SYMBOLS:

- Y" INDICATES ONE-WAY SLAB Y" THICK AND SPAN DIRECTION
- SX INDICATES ONE-WAY SLAB SPAN DIRECTION  
SEE ONE-WAY SCHEDULE AND ONE-WAY SLAB DETAILS
- UP INDICATES SLOPE IN TOP OF SLAB

9. NOTATIONS:

- CA / CB INDICATES COLUMN ABOVE / BELOW
- DB INDICATES HSS8x4x3/8 ELEVATOR DIVIDER BEAM (NOT FIREPROOFED)
- TR INDICATES COLUMN FROM ABOVE TRANSFERS

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TEL: 305.372.1812

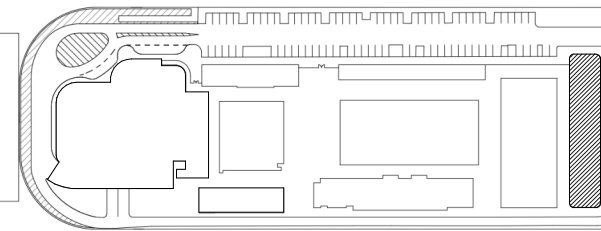
STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
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CIVIL ENGINEER:  
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PROJECT  
ISHOF  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



△	DESCRIPTION	DATE
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PROJECT NORTH:



DRAWING TITLE

LEVEL 1 AND MEZZ FLOOR FRAMING  
PLAN

PROJECT NUMBER: 010326.000

DATE: 03/14/22

SCALE: As indicated

SHEET

S1-001



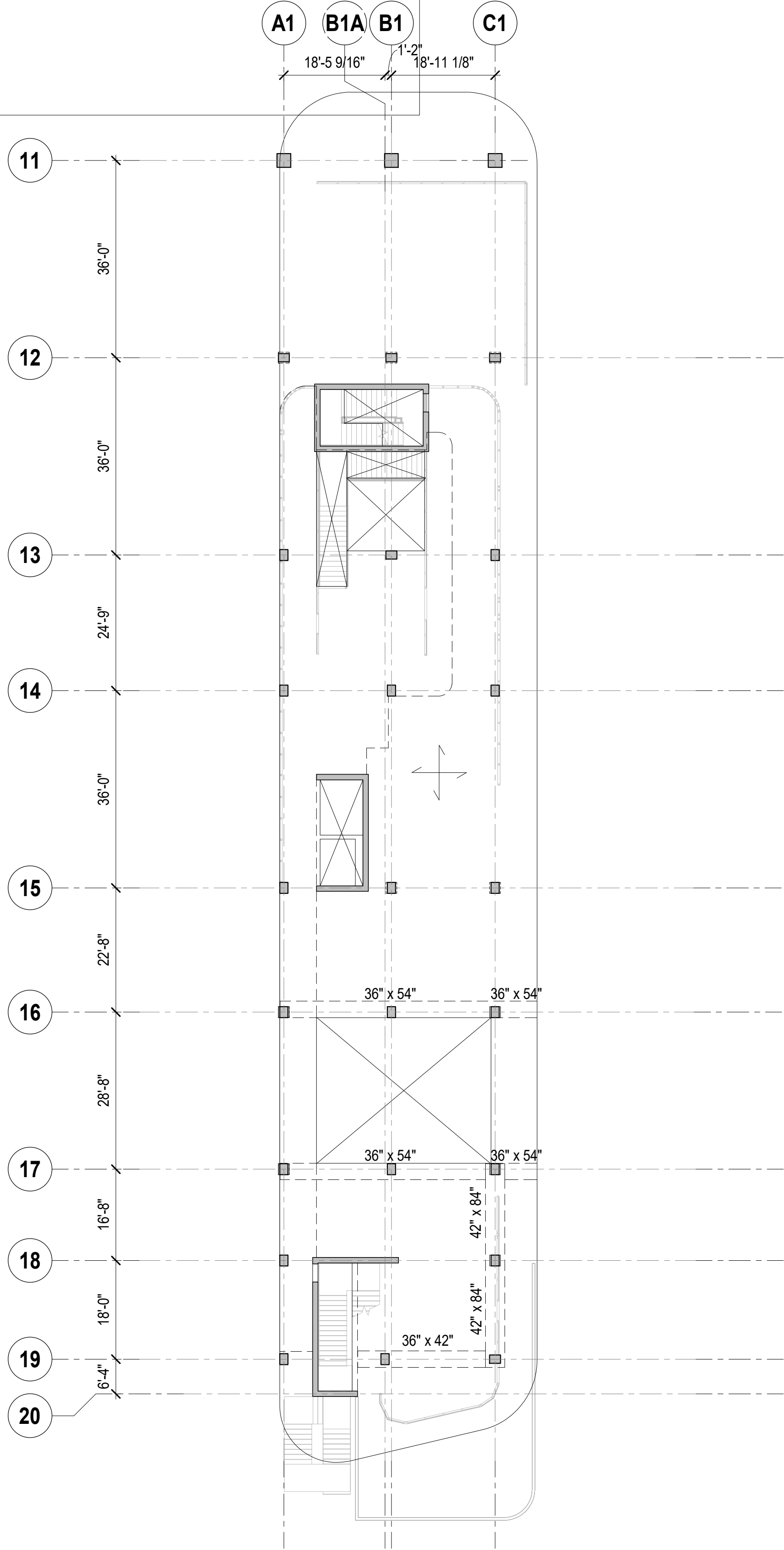
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TT Project Number: K20063.00 Sheet Number: S1-002 2022-06-17 6:27:29 PM

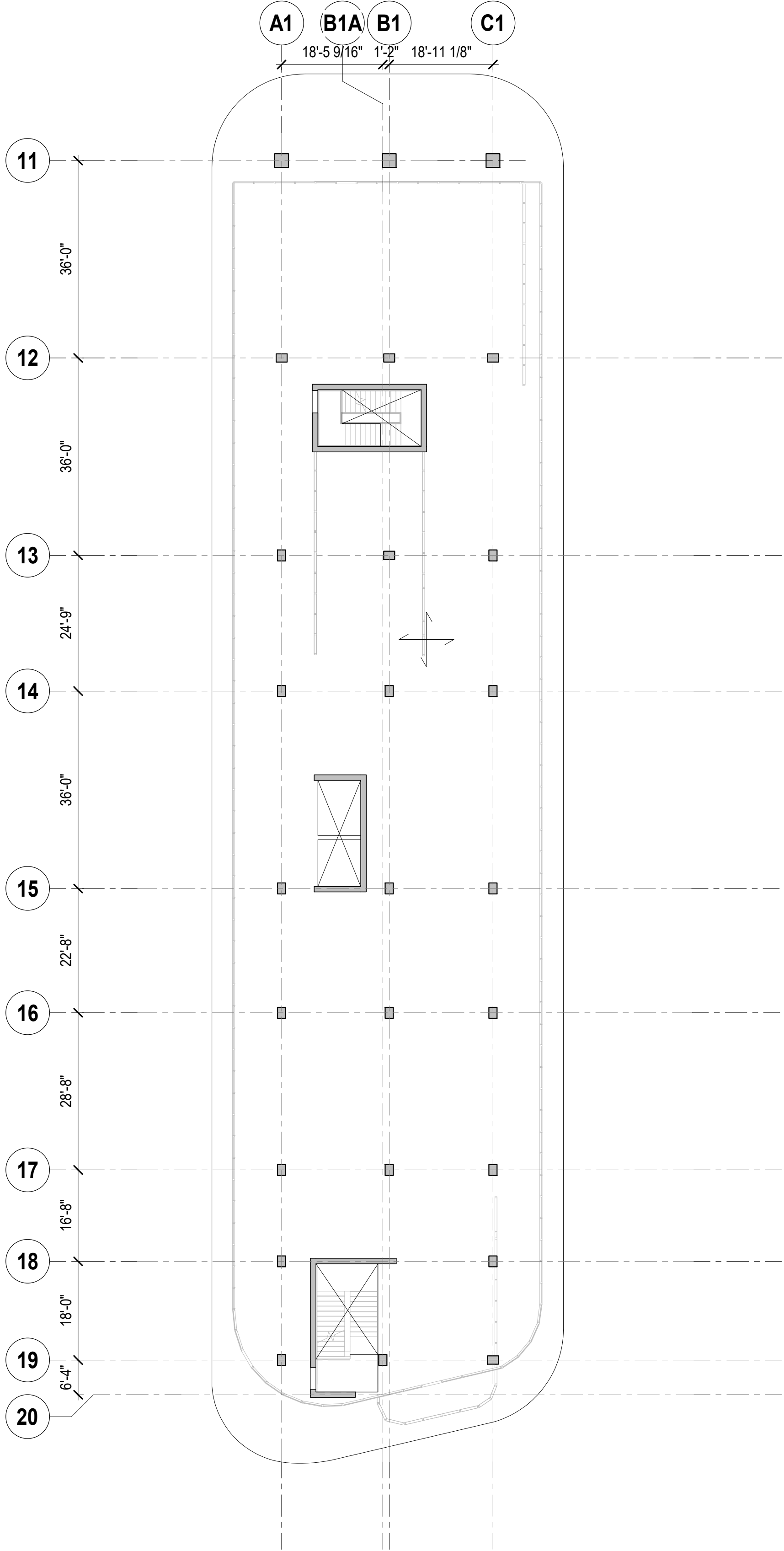
1 LEVEL 02 FRAMING PLAN

SCALE: 1/16" = 1'-0"



2 LEVEL 03 FRAMING PLAN

SCALE: 1/16" = 1'-0"



NOTES:

- TOP OF SLAB AND TOP OF BEAM EL +YY'-Y" UON THUS:
- SLABS TO BE 12" THICK NORMALWEIGHT CONCRETE TWO-WAY SLAB WITH 4 1/4" DROP PANELS, TYPICAL UON
- SEE GENERAL NOTES FOR CONCRETE COMPRESSIVE STRENGTH
- SEE DRAWING SX-XXX FOR SLAB REINFORCEMENT
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MASONRY DETAILS	S6 SERIES DRAWINGS

6. SYMBOLS:

- INDICATES ONE-WAY SLAB Y" THICK AND SPAN DIRECTION
- INDICATES ONE-WAY SLAB SPAN DIRECTION  
SEE ONE-WAY SCHEDULE AND ONE-WAY SLAB DETAILS
- INDICATES SLOPE IN TOP OF SLAB

7. NOTATIONS:

- CA / CB INDICATES COLUMN ABOVE / BELOW
- DB INDICATES HSS8x4x3/8 ELEVATOR DIVIDER BEAM (NOT FIREPROOFED)
- TR INDICATES COLUMN FROM ABOVE TRANSFERS

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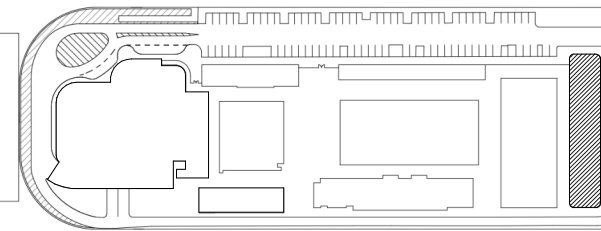
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△ DESCRIPTION DATE

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PROJECT NORTH:



DRAWING TITLE

EAST BLDG. LEVEL 2 & 3 FRAMING PLAN

PROJECT NUMBER: 010326.000

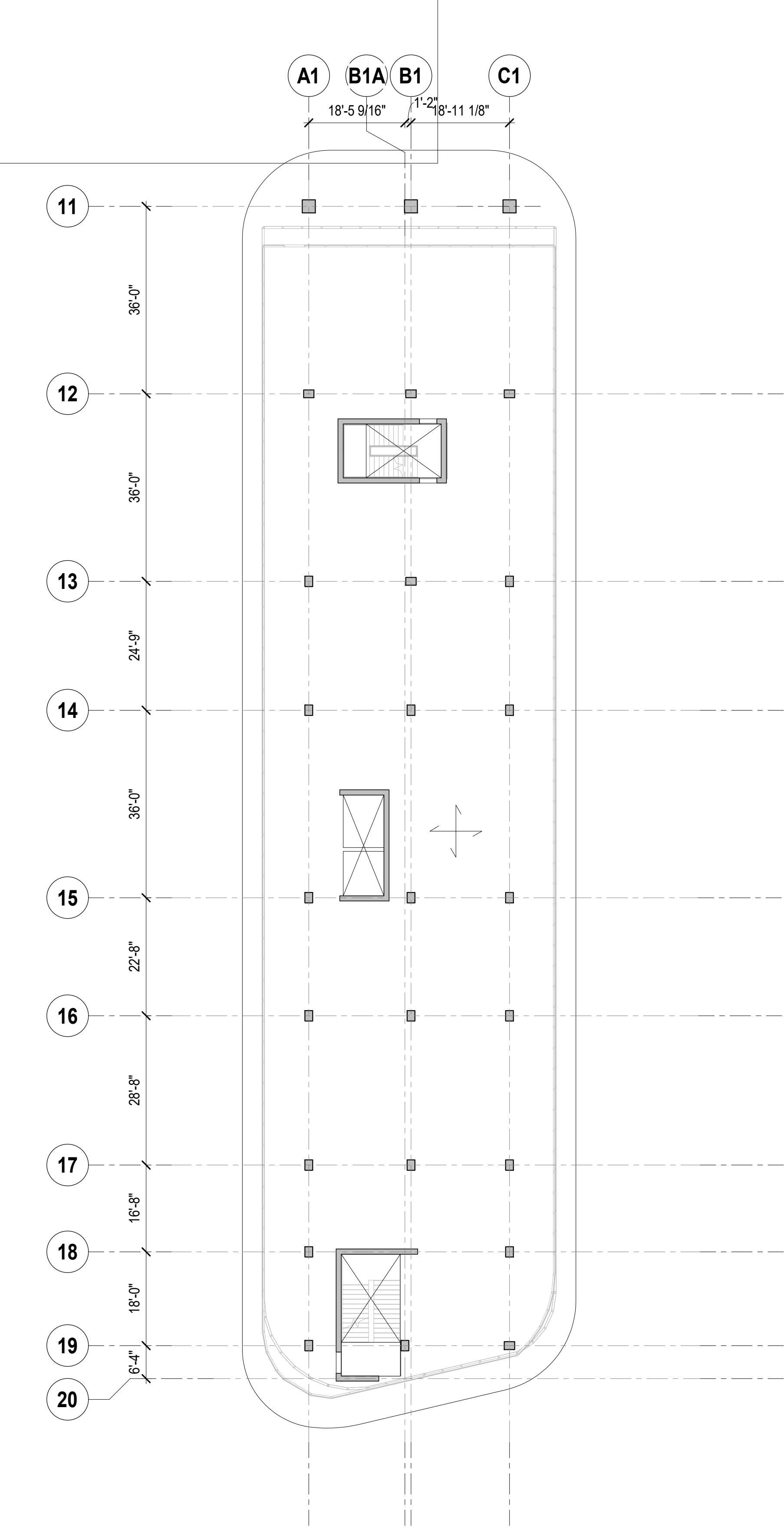
DATE: 03/14/22

SCALE: As indicated

SHEET

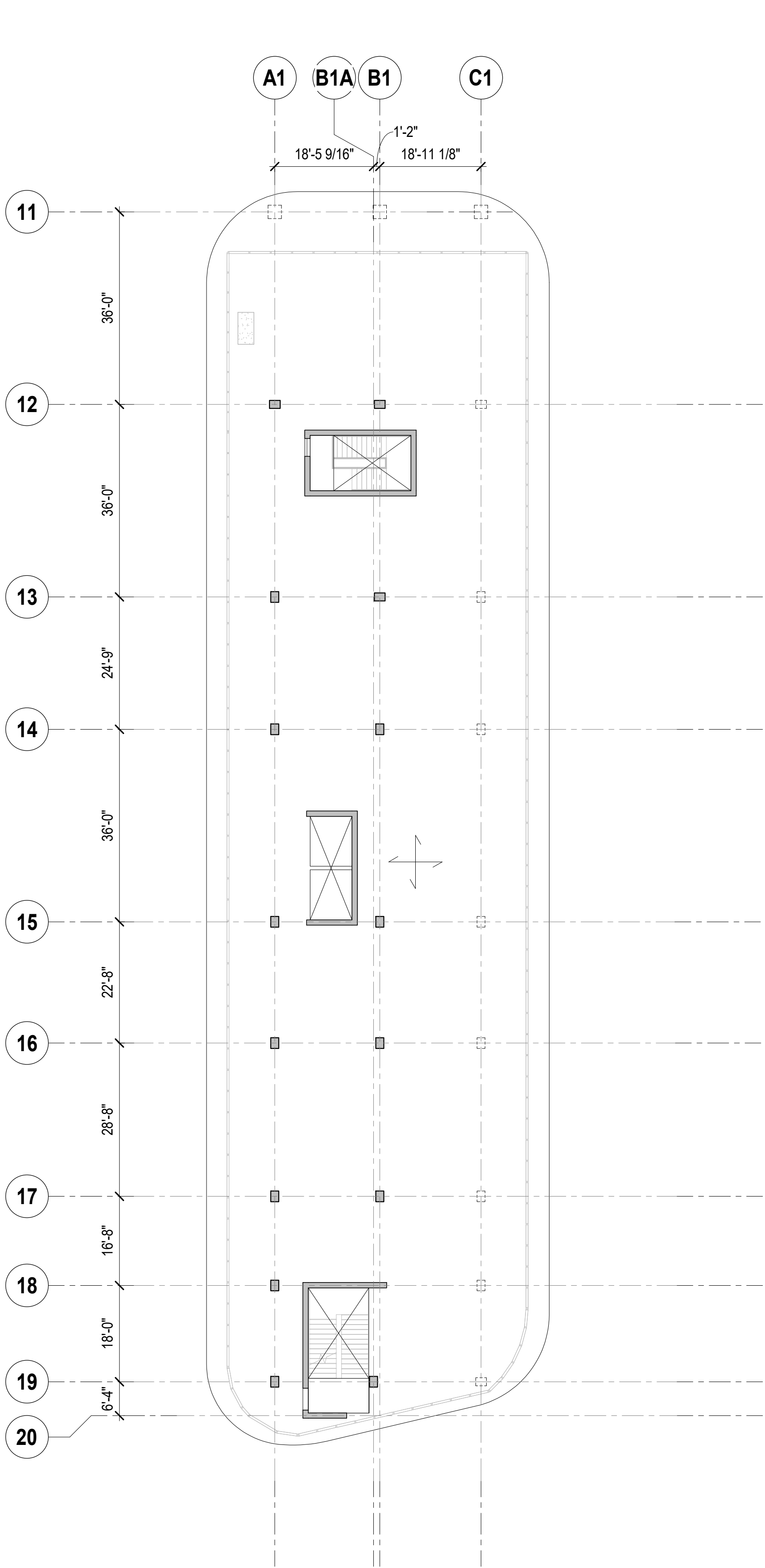
S1-002





1 LEVEL 04 FRAMING PLAN

SCALE: 1/16" = 1'-0"



2 LEVEL 05 FRAMING PLAN

SCALE: 1/16" = 1'-0"

NOTES:

- TOP OF SLAB AND TOP OF BEAM EL +YY'-Y" UON THUS:  
X" - INDICATES CHANGE IN STRUCTURAL SLAB ELEVATION
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SEE ONE-WAY SCHEDULE AND ONE-WAY SLAB DETAILS
- UP INDICATES SLOPE IN TOP OF SLAB

7. NOTATIONS:

- CA / CB INDICATES COLUMN ABOVE / BELOW
- DB INDICATES HSS8x4x3/8 ELEVATOR DIVIDER BEAM (NOT FIREPROOFED)
- TR INDICATES COLUMN FROM ABOVE TRANSFERS

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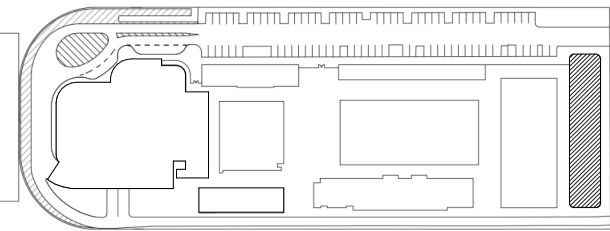
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PROJECT NORTH:  
DRAFTING TITLE

EAST BLDG. LEVEL 4 & 5 FRAMING PLAN

PROJECT NUMBER: 010326.000  
DATE: 05/21/22  
SCALE: As indicated  
SHEET

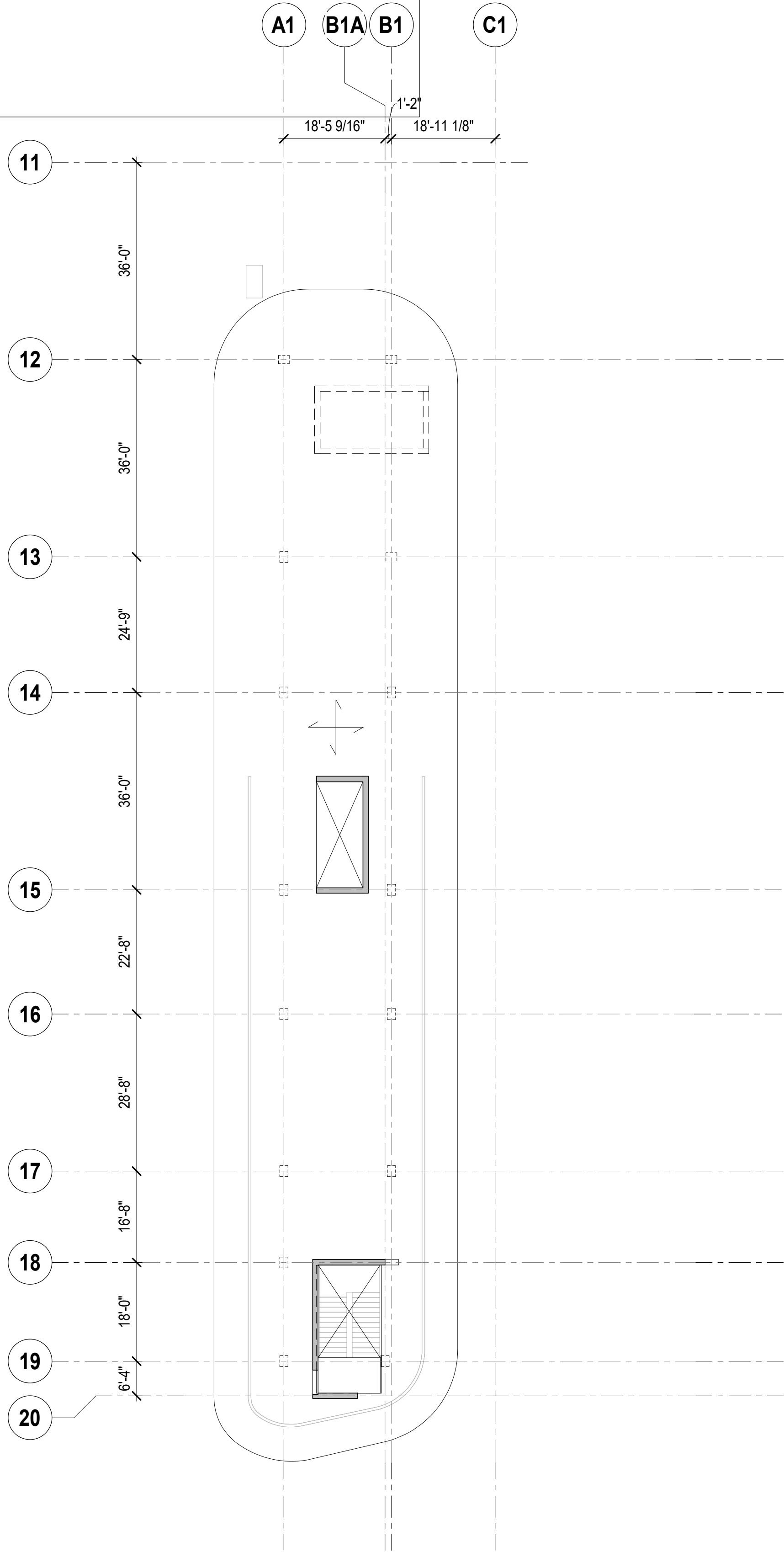
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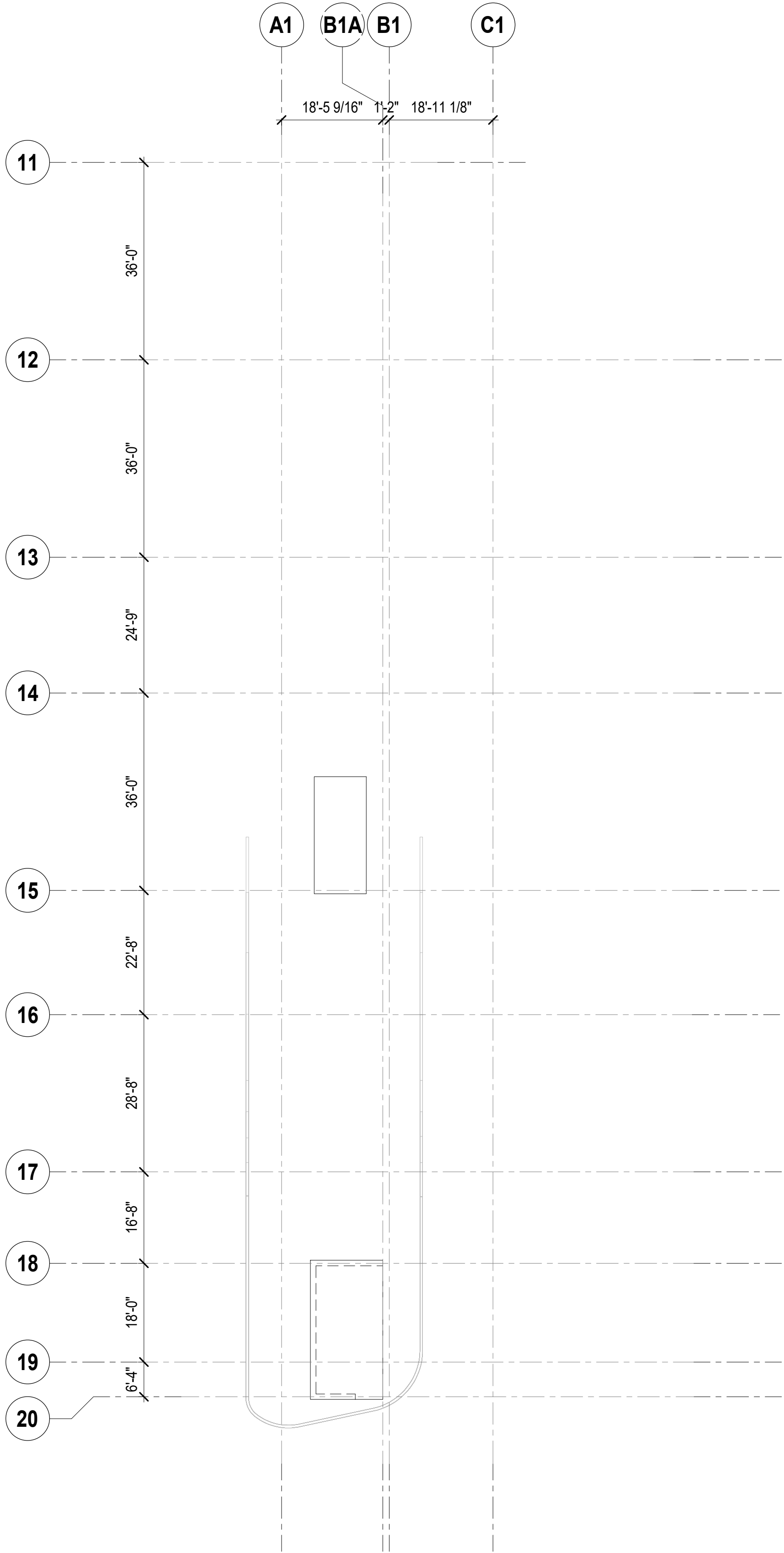
1 LEVEL 06 FRAMING PLAN

SCALE: 1/16" = 1'-0"



2 LEVEL 07 HIGH ROOF FRAMING PLAN

SCALE: 1/16" = 1'-0"



NOTES:

- TOP OF SLAB AND TOP OF BEAM EL +YY'-Y" UON THUS:  
X" - INDICATES CHANGE IN STRUCTURAL SLAB ELEVATION
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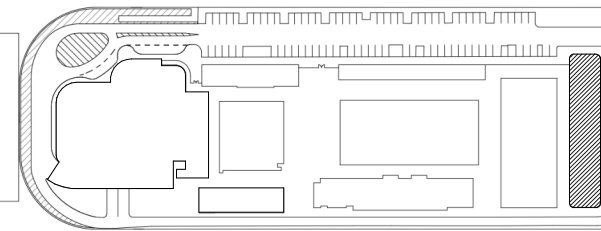
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KEY PLAN:



△	DESCRIPTION	DATE
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PROJECT NORTH:



DRAWING TITLE

EAST BLDG. LEVEL 6 & 7 FRAMING PLAN

PROJECT NUMBER: 010326.000

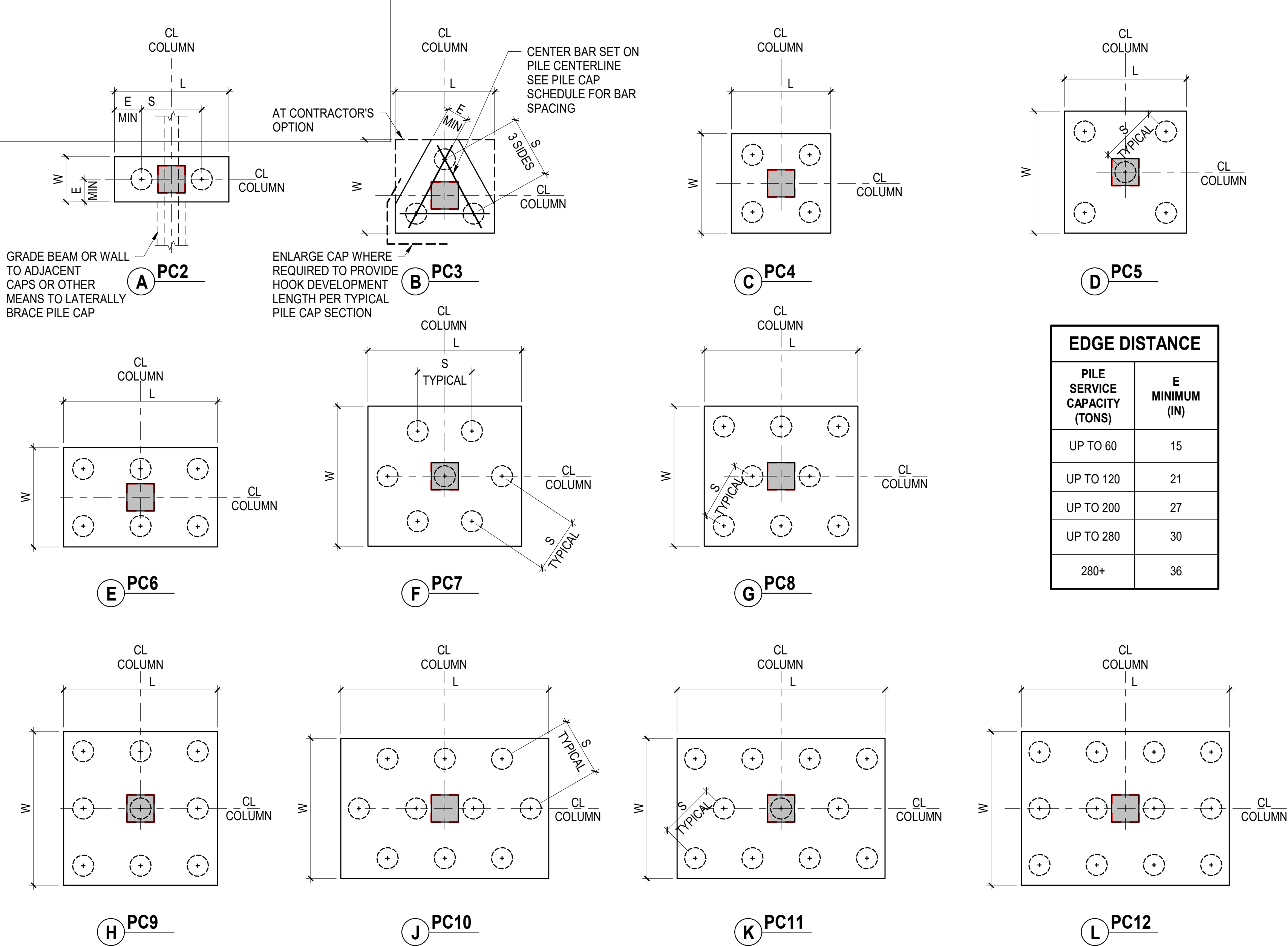
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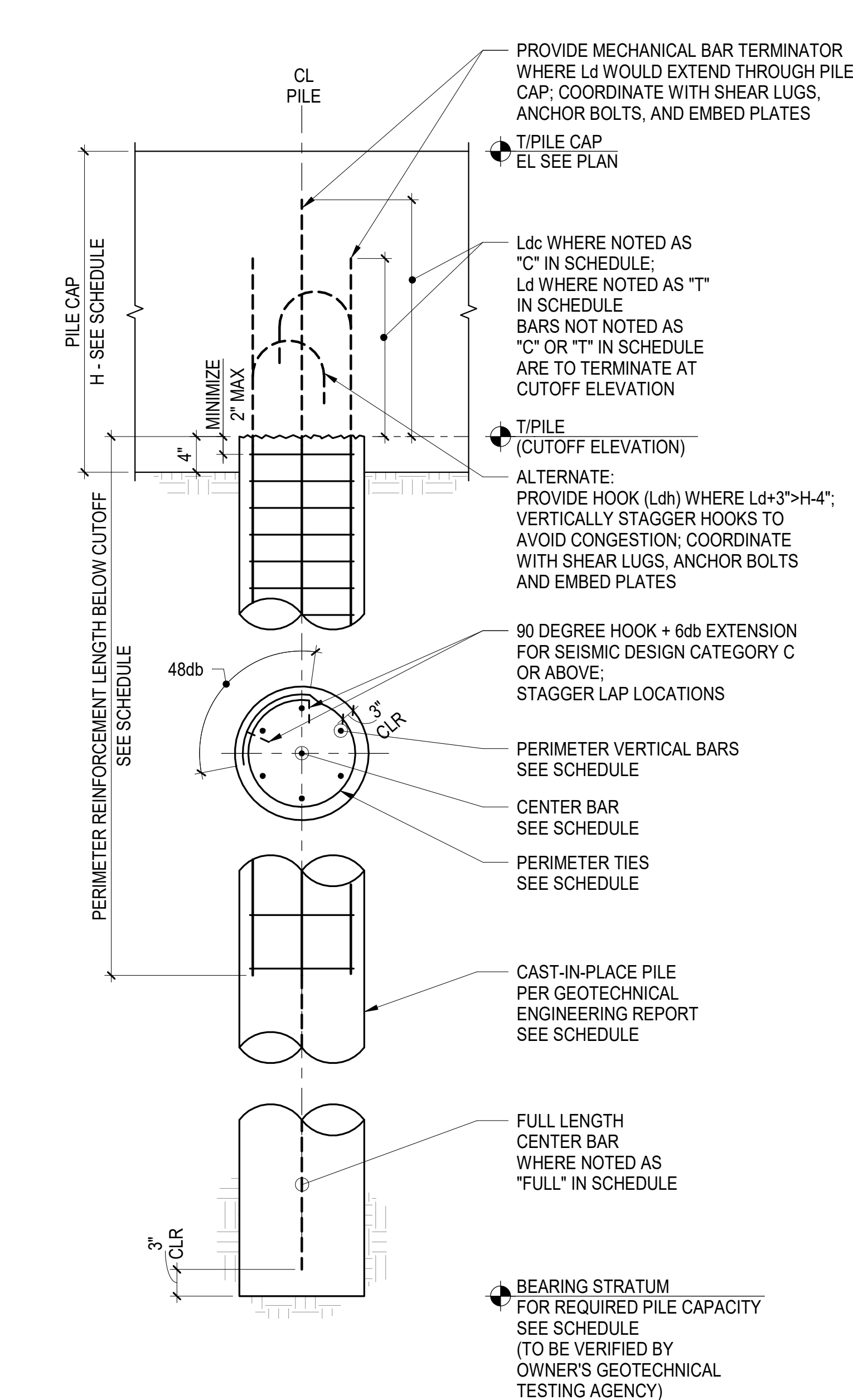
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S1-004

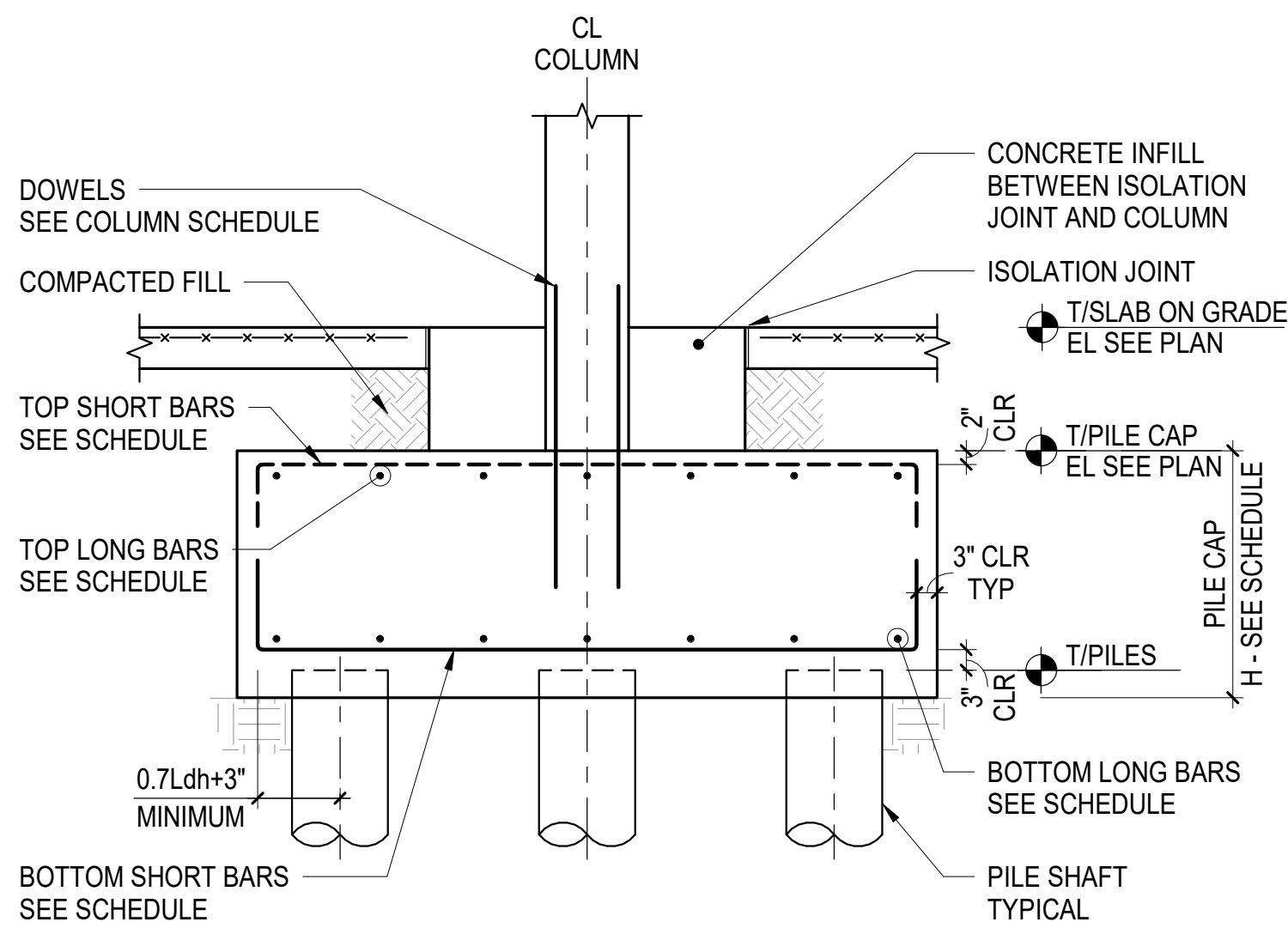




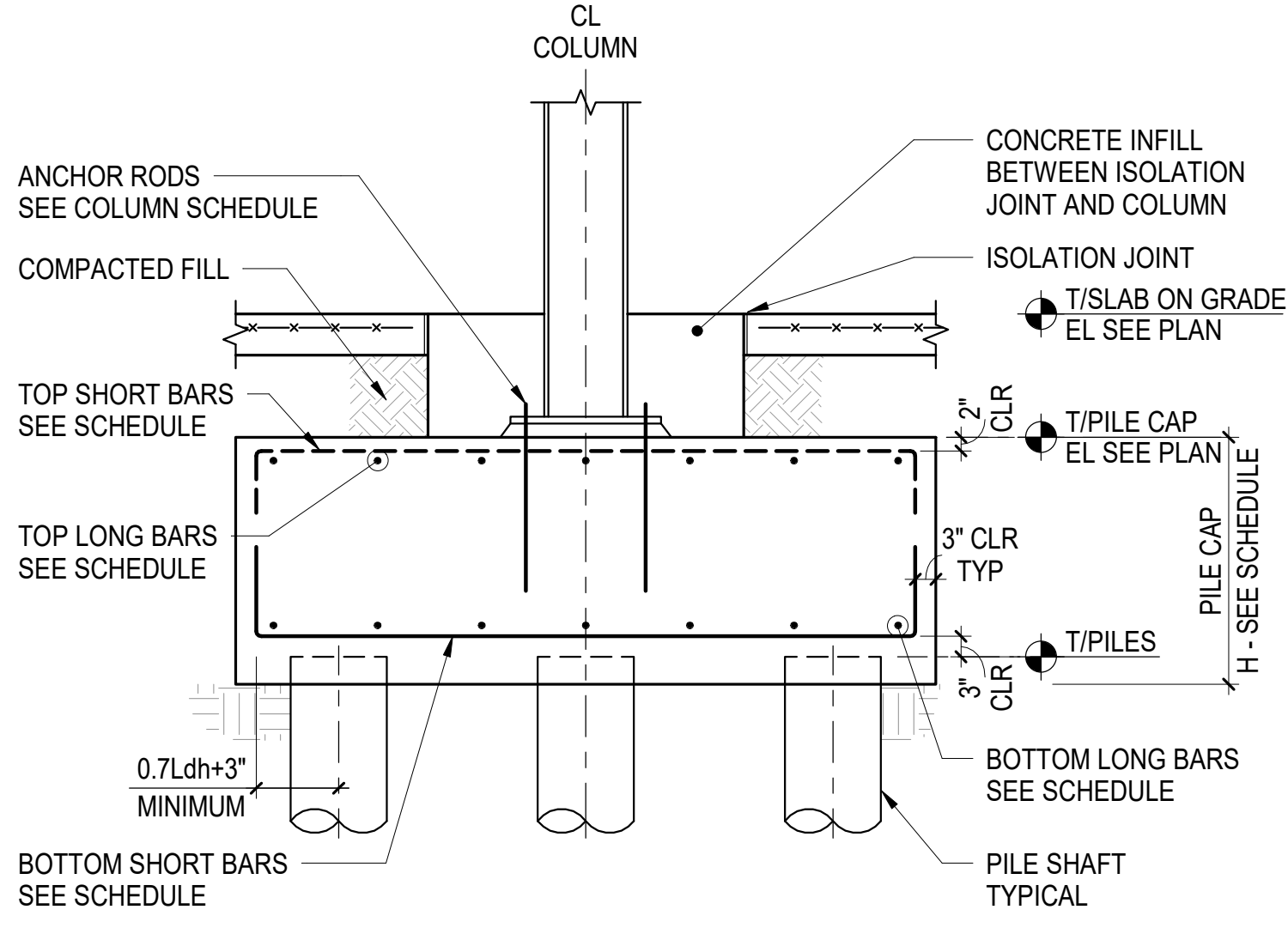
5 CAST-IN-PLACE PILE CAP LAYOUT DETAILS  
NOT TO SCALE



7 TYPICAL CAST-IN-PLACE PILE DETAIL  
NOT TO SCALE



8 TYPICAL CAST-IN-PLACE PILE CAP SECTION - CONCRETE COLUMN  
NOT TO SCALE



4 TYPICAL CAST-IN-PLACE PILE CAP SECTION - STEEL COLUMN  
NOT TO SCALE

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PROJECT NORTH:

DRAWING TITLE  
TYPICAL CAST-IN-PLACE PILE DETAILS

PROJECT NUMBER: 010326.000  
DATE: 08/03/2016  
SCALE: As indicated  
SHEET  
S2-200

CAM 23-0723  
Exhibit 1L  
Page 50 of 171



<b>KEY:</b>	
PXXC	COMPRESSION PILE
PXXT	TENSION PILE - WITH UPLIFT
PXXCP	LATERAL PILE WITH PINNED HEAD - NO UPLIFT
PXXTP	LATERAL PILE WITH PINNED HEAD - WITH UPLIFT
PXXCF	LATERAL PILE FIXED HEAD - NO UPLIFT
PXXTF	LATERAL PILE FIXED HEAD - WITH UPLIFT

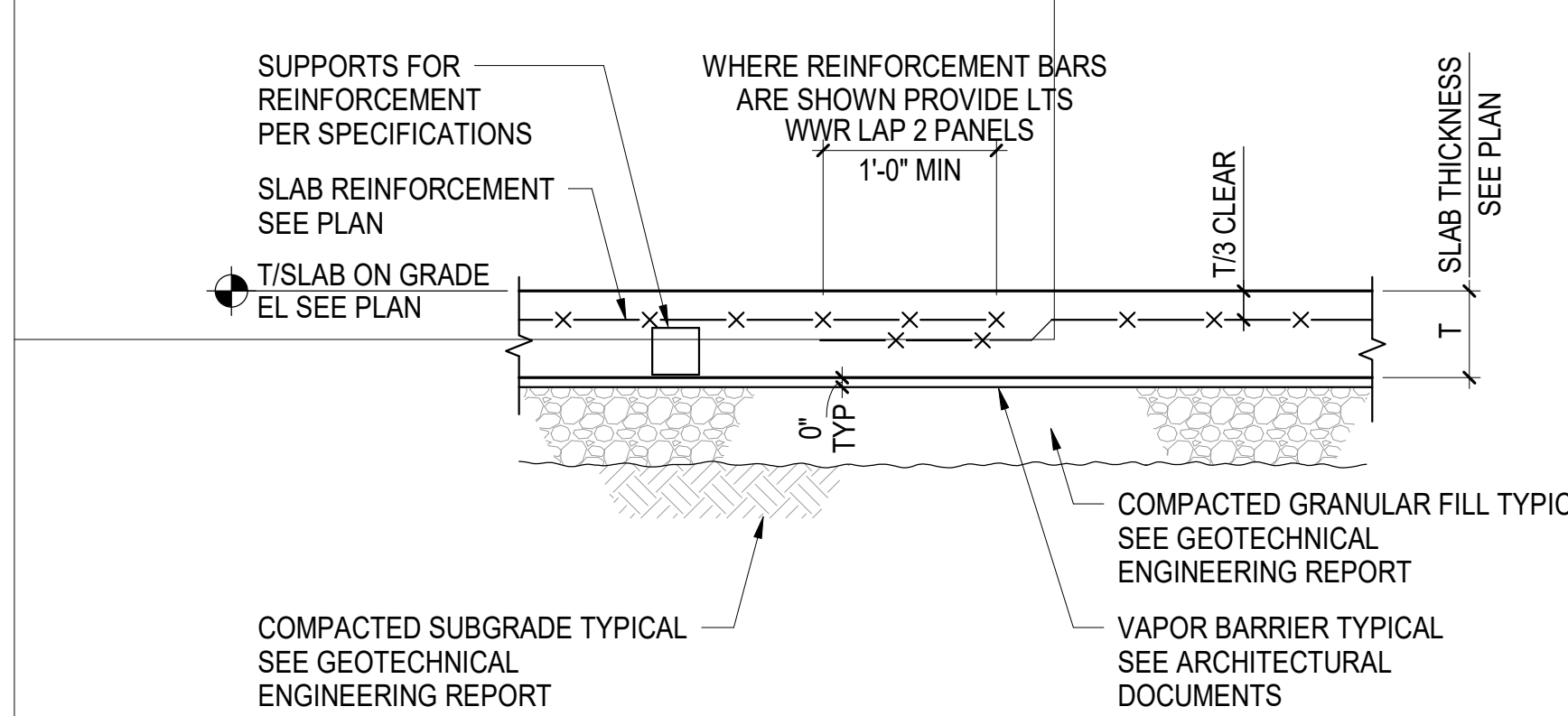
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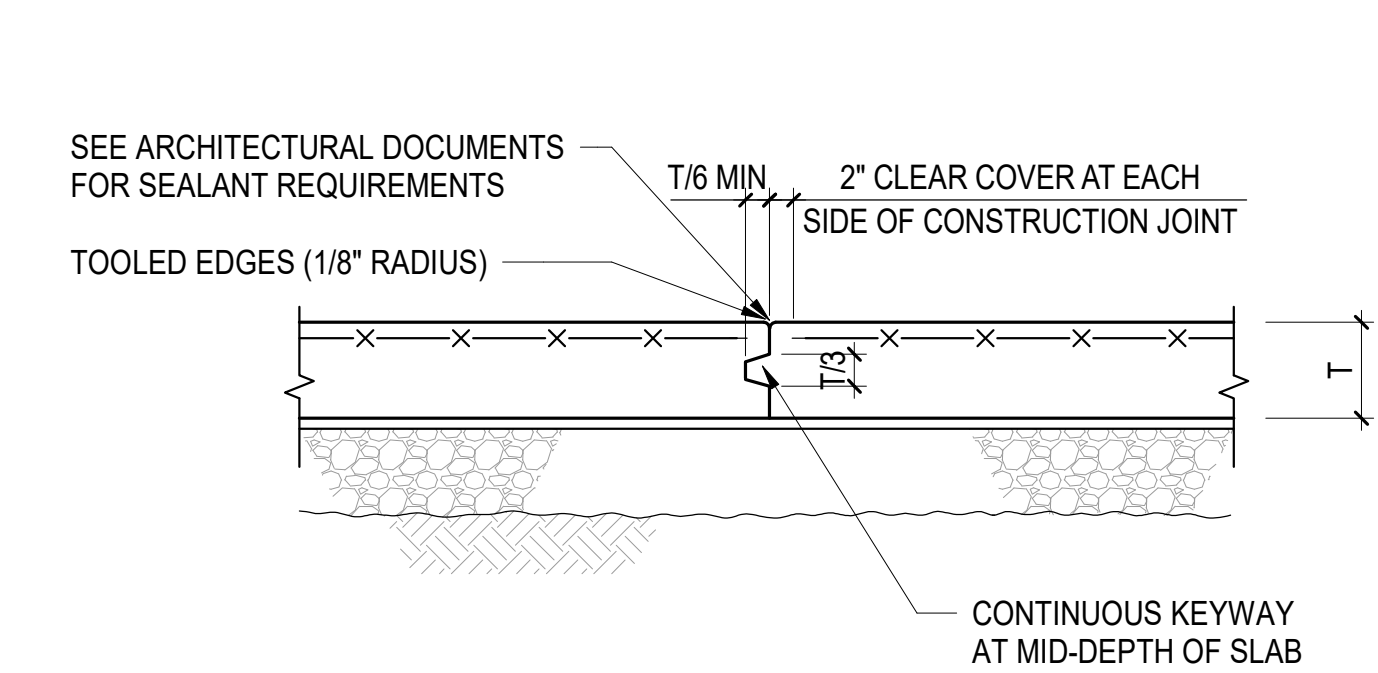


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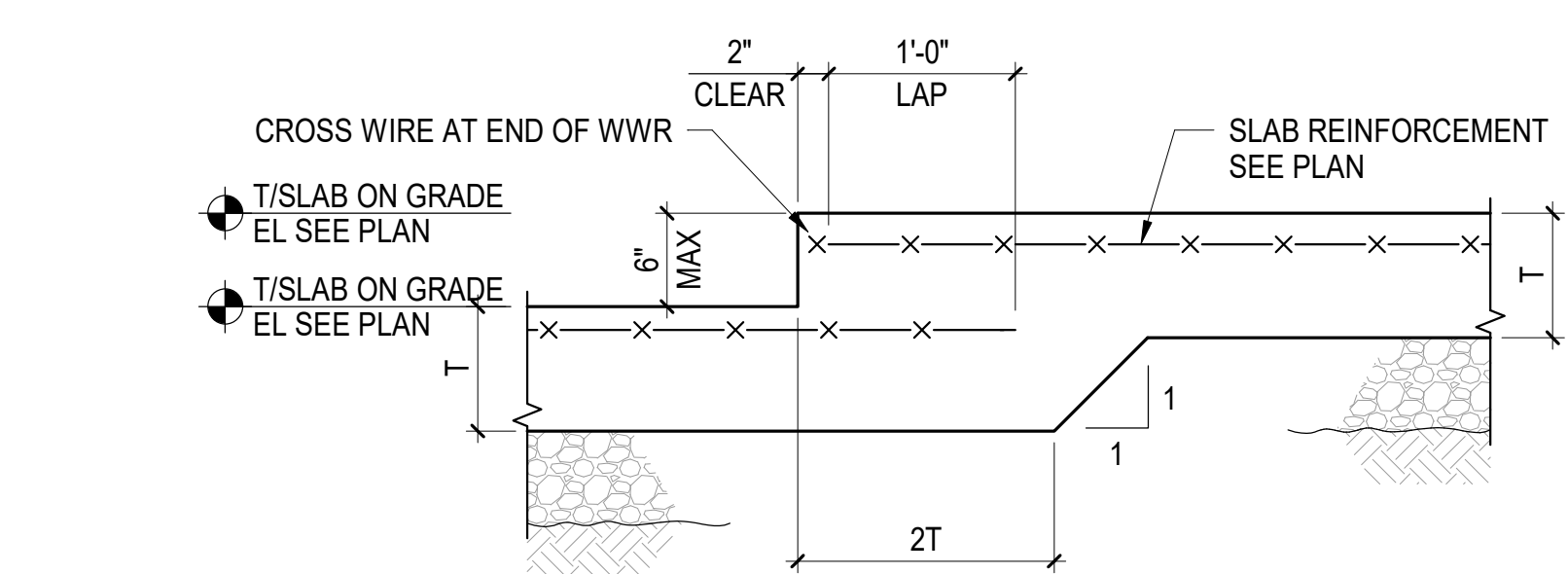




**A SLAB ON GRADE**

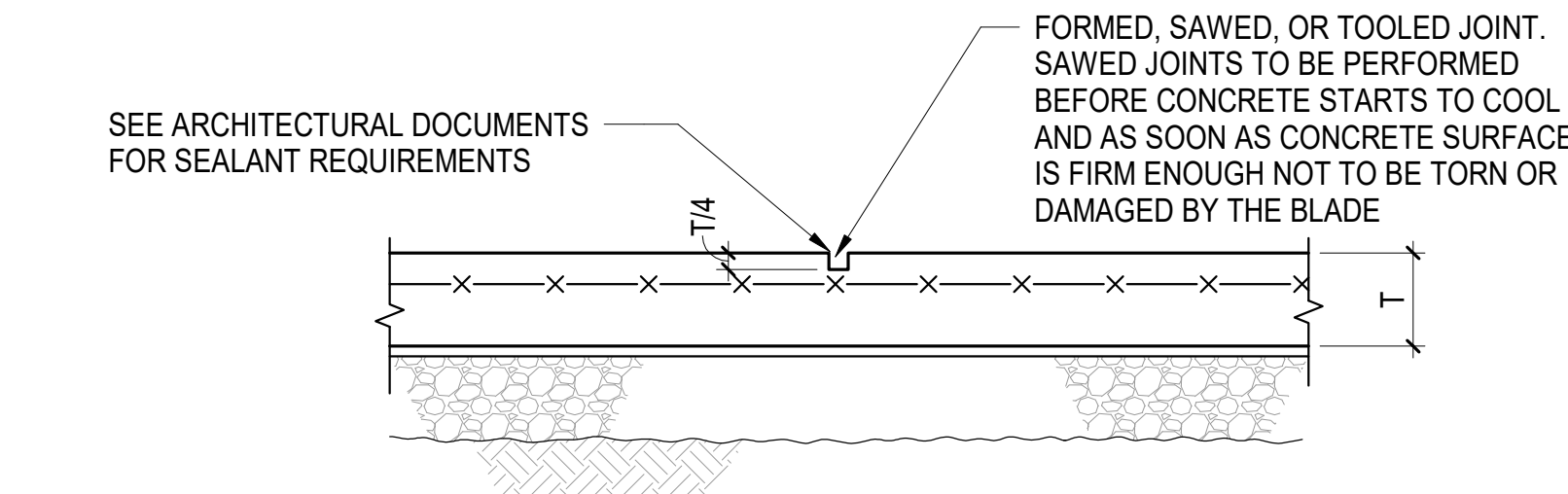


**B CONSTRUCTION JOINT / CONTRACTION JOINT**

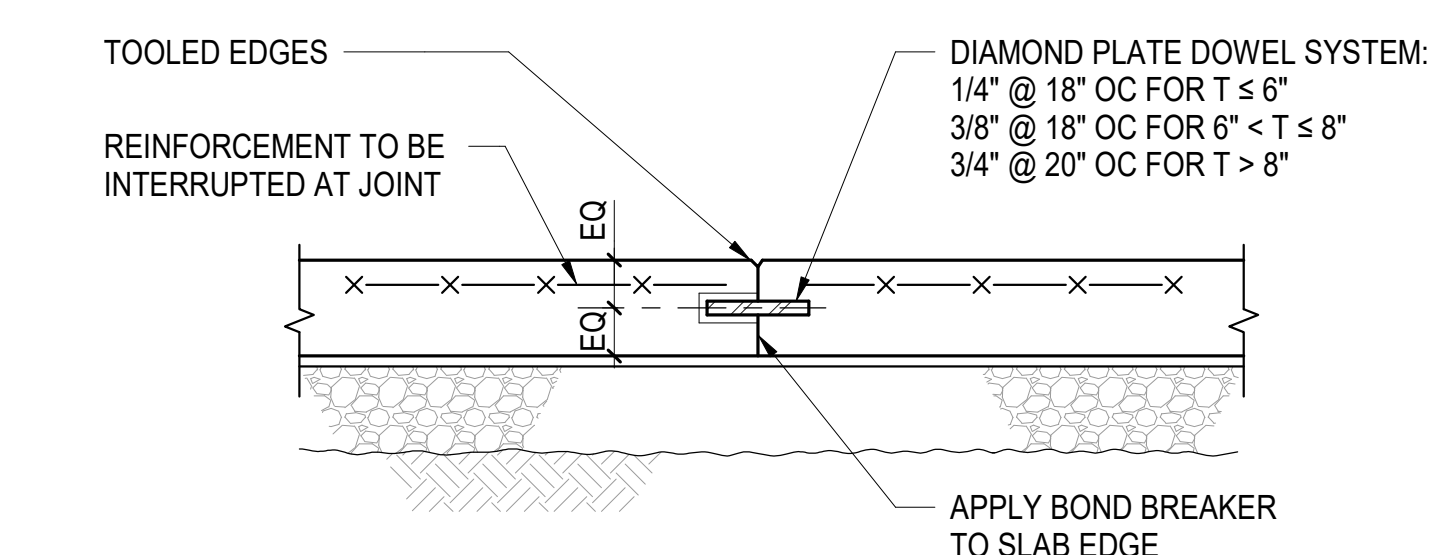


- NOTES:**
- SEE TYPICAL SLAB ON GRADE DETAILS FOR ADDITIONAL INFORMATION

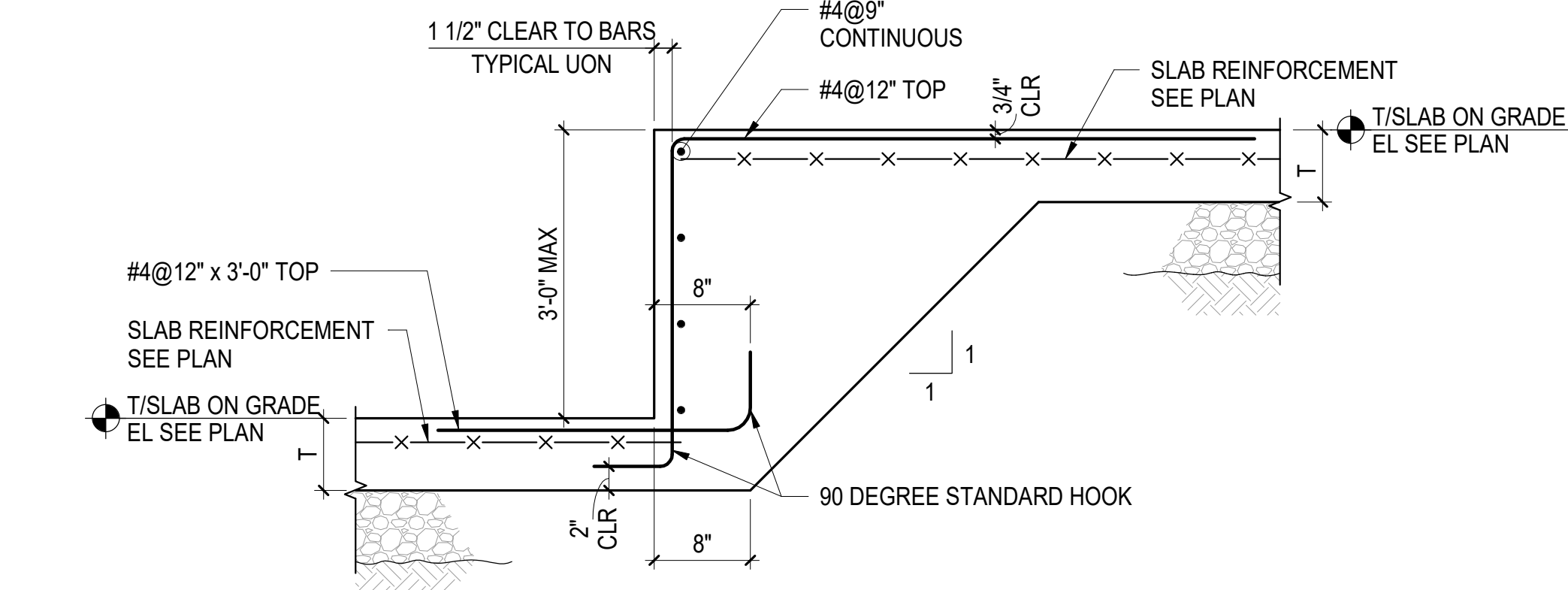
**2 TYPICAL SLAB ON GRADE STEP 6" MAXIMUM**  
NOT TO SCALE



**C CONTRACTION JOINT**



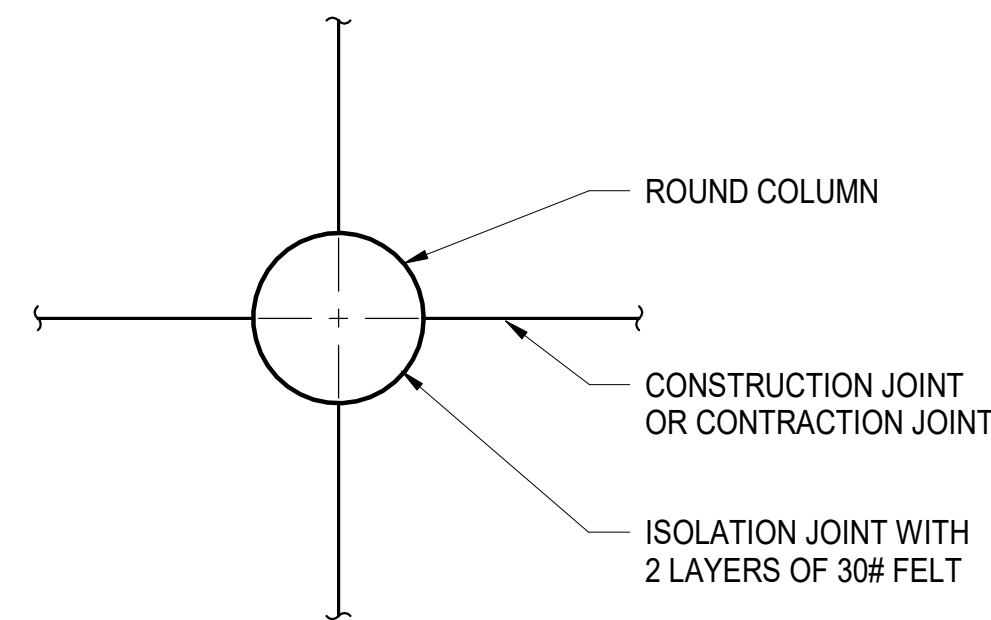
**D DOWELED CONSTRUCTION JOINT (WHERE INDICATED ON PLAN)**



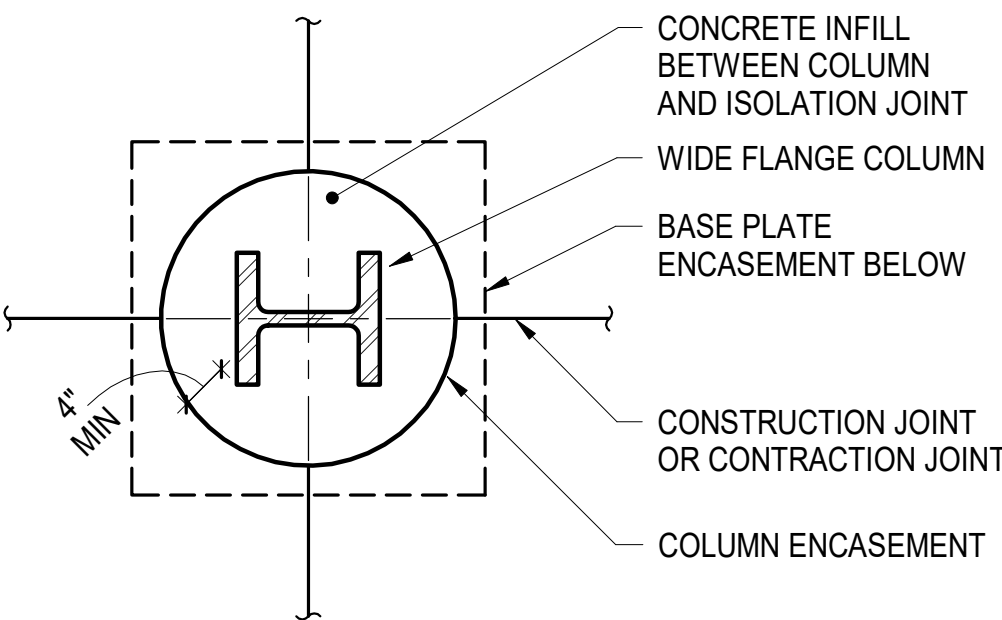
- NOTES:**
- SEE TYPICAL SLAB ON GRADE DETAILS FOR ADDITIONAL INFORMATION

**3 TYPICAL SLAB ON GRADE STEP OVER 6" TO 3'-0"**  
NOT TO SCALE

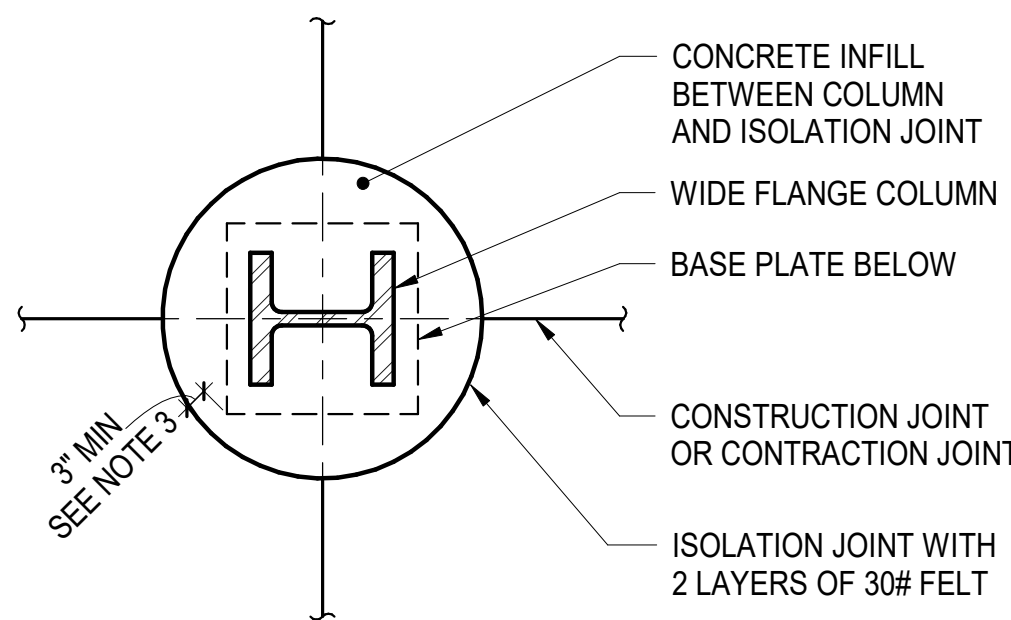
**1 TYPICAL SLAB ON GRADE DETAILS**  
NOT TO SCALE



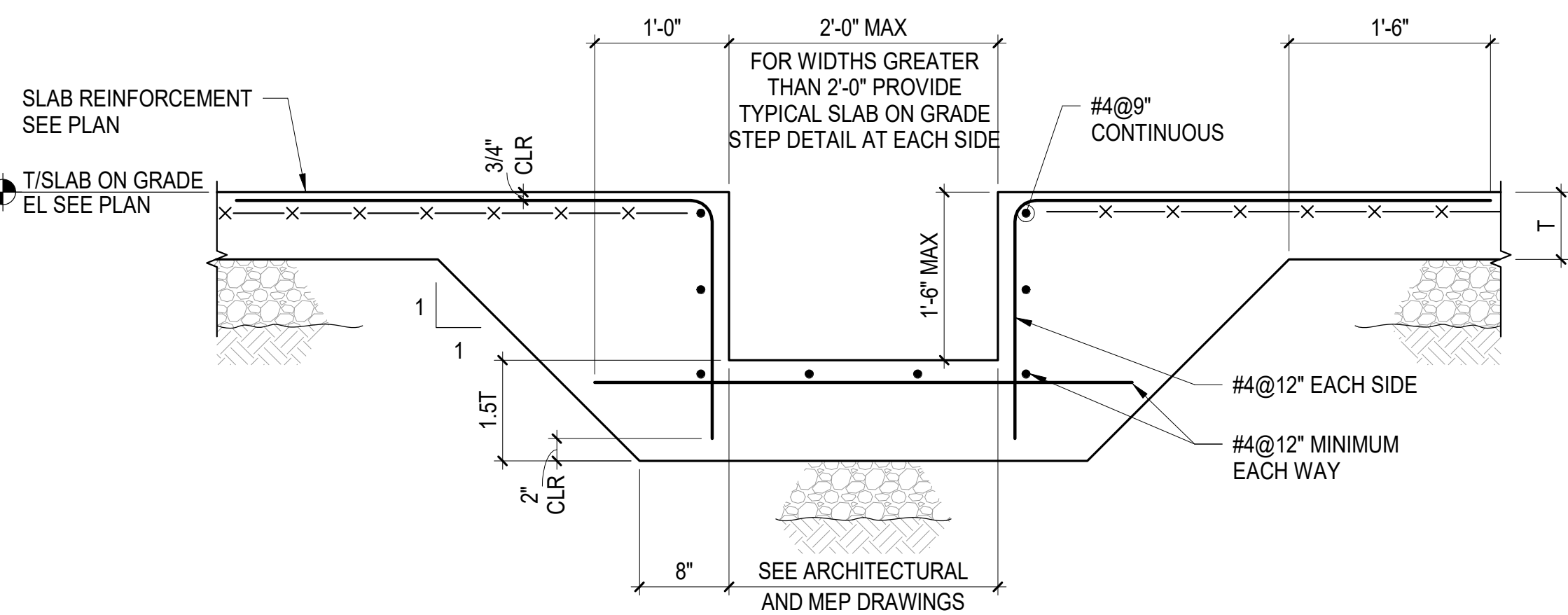
**A ROUND COLUMN**



**B CONCRETE ENCASE COLUMN AND BASE PLATE WHERE INDICATED ON PLAN**

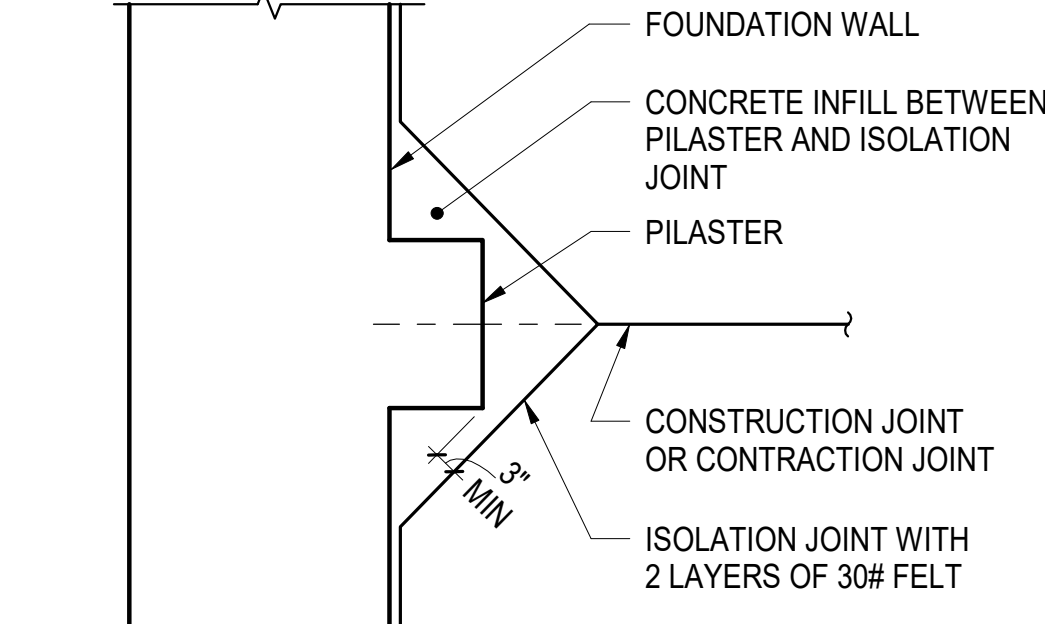


**C TYPICAL BASE PLATE WITHIN CONCRETE INFILL (ROUND ISOLATION JOINT OPTION)**

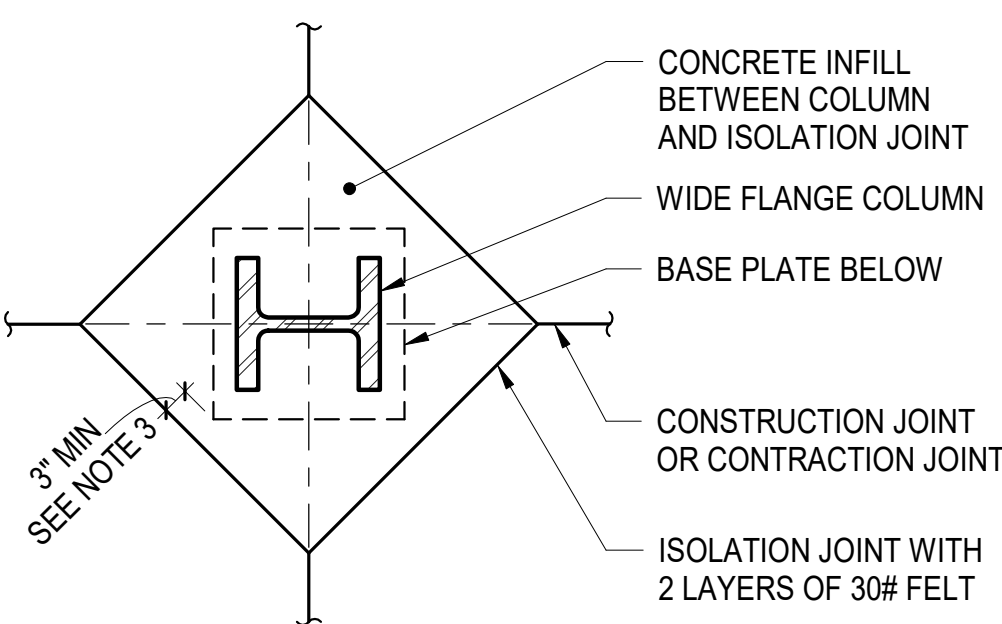


- NOTES:**
- COORDINATE WITH ARCHITECTURE AND MEP DRAWINGS FOR ADDITIONAL INFORMATION AND EMBEDMENTS
  - SEE TYPICAL SLAB ON GRADE DETAILS FOR ADDITIONAL INFORMATION

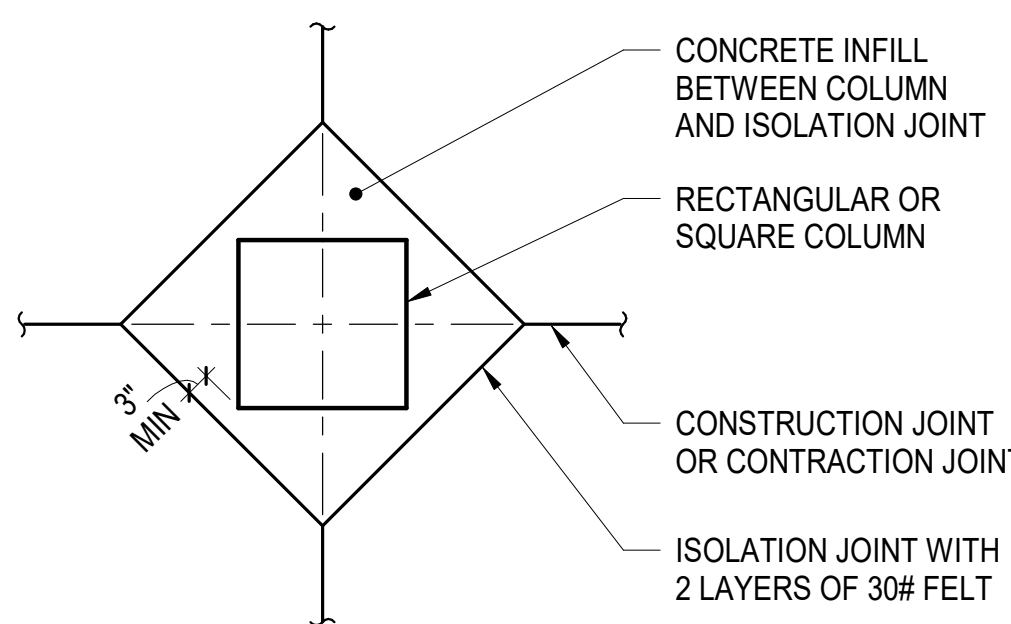
**7 TYPICAL TRENCH AT SLAB ON GRADE**  
NOT TO SCALE



**D PILASTER**



**E TYPICAL BASE PLATE WITHIN CONCRETE INFILL UNLESS OTHERWISE NOTED**



**F RECTANGULAR OR SQUARE COLUMN**

- NOTES:**
- SEE TYPICAL SLAB ON GRADE DETAILS FOR JOINT SPACING REQUIREMENTS
  - CONCRETE INFILL BETWEEN COLUMN AND ISOLATION JOINT TO BE POURED AFTER ALL THE SLABS SUPPORTED BY THE COLUMN HAVE BEEN POURED
  - PROVIDE ADDITIONAL CLEARANCE AS REQUIRED TO ENSURE 3" MINIMUM CONCRETE COVER OVER BASE PLATE AND ANCHOR RODS BELOW.

**5 TYPICAL ISOLATION JOINT DETAILS AT SLAB ON GRADE**  
NOT TO SCALE

**ARQUITECTONICA**

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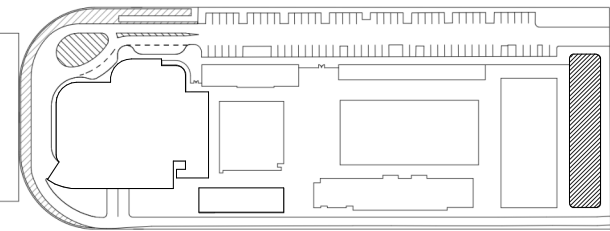
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PROJECT  
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1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



DESCRIPTION DATE

**NOT FOR CONSTRUCTION**

SEAL & SIGNATURE

TO THE BEST OF THE STRUCTURAL ENGINEERS KNOWLEDGE THE PLANS, DETAILS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE BUILDING CODES

PROJECT NORTH:

DRAWING TITLE  
**TYPICAL SLAB ON GRADE DETAILS**

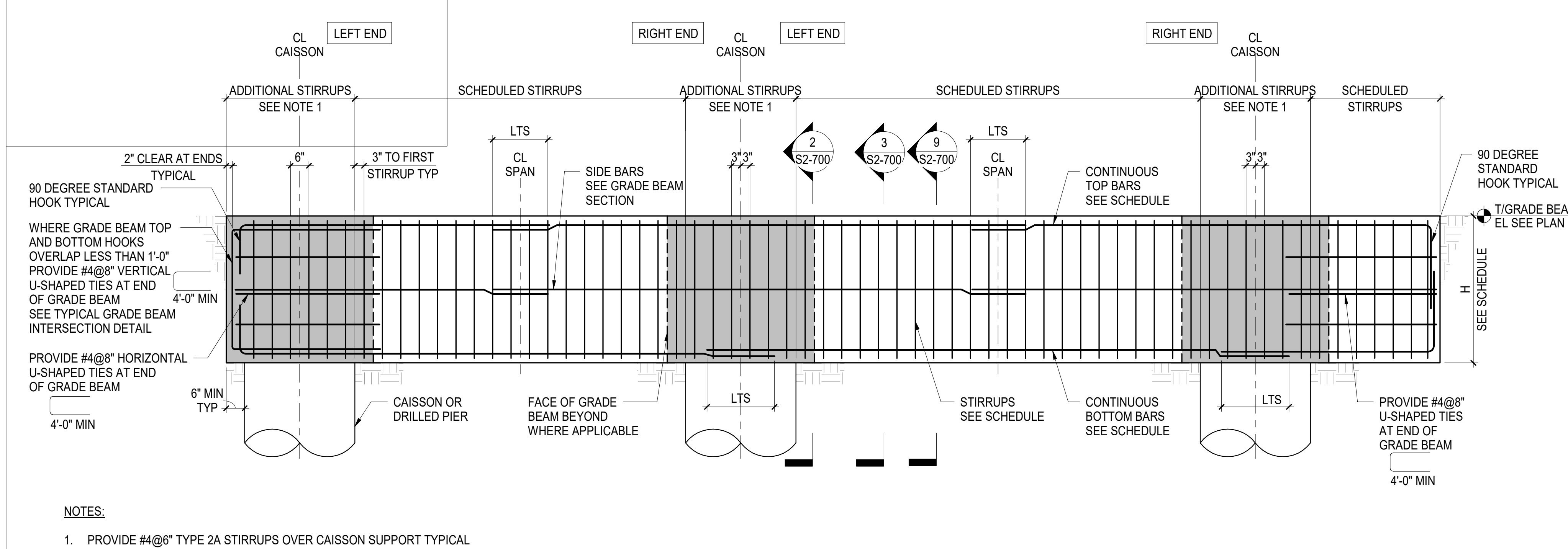
PROJECT NUMBER: 010326.000  
DATE: 04/01/2016  
SCALE: As indicated  
SHEET

**S2-400**

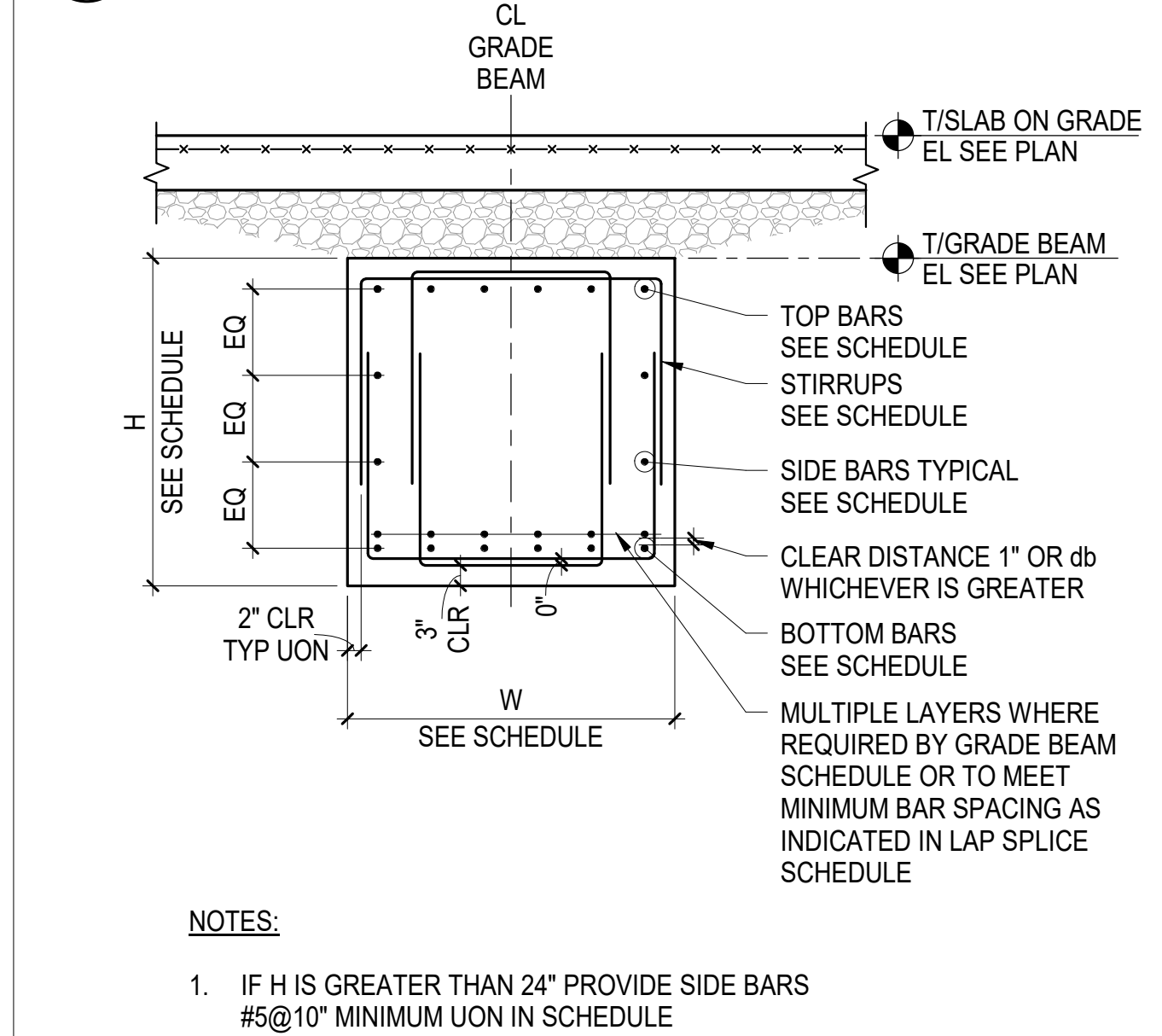




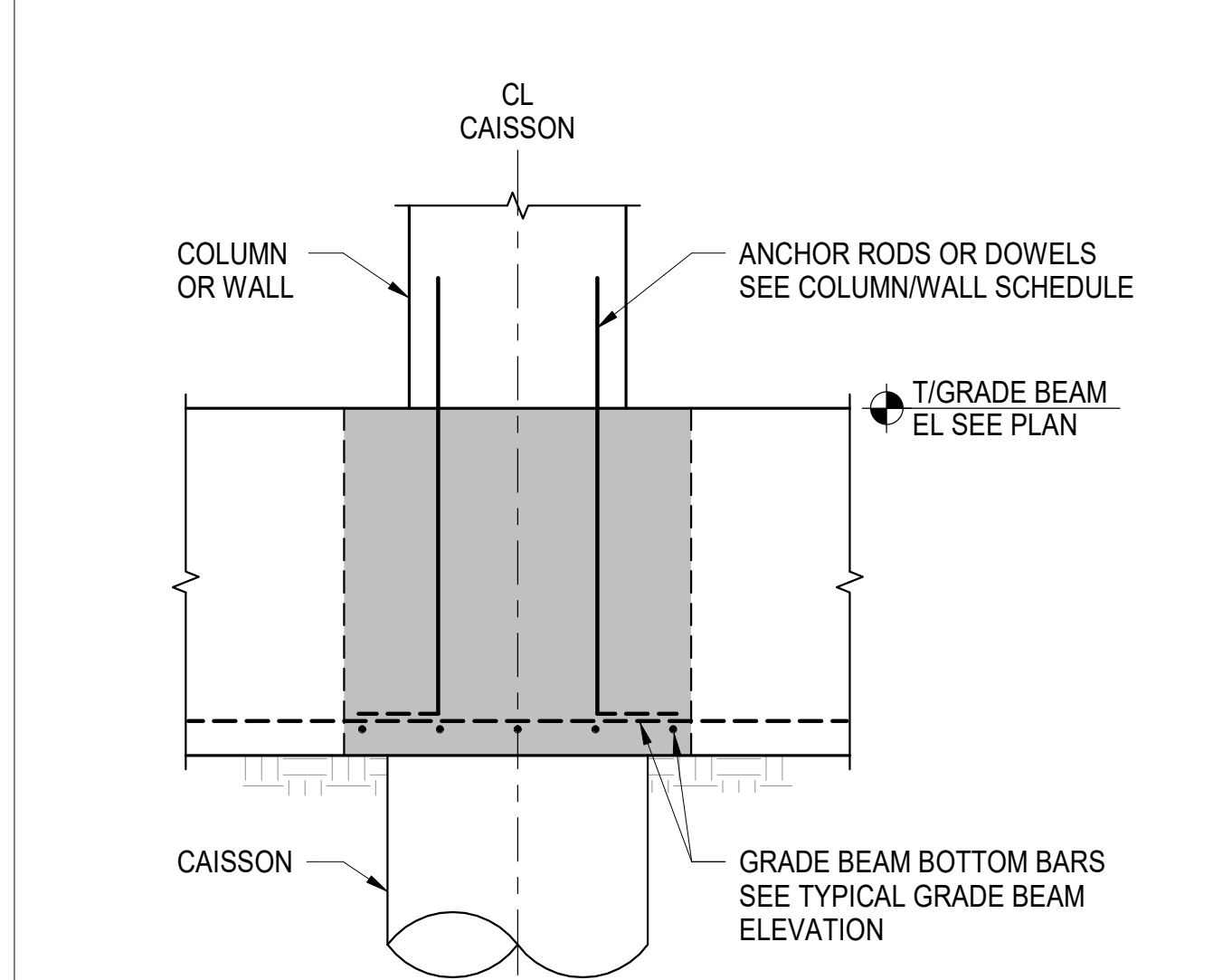




1 TYPICAL GRADE BEAM ELEVATION  
NOT TO SCALE

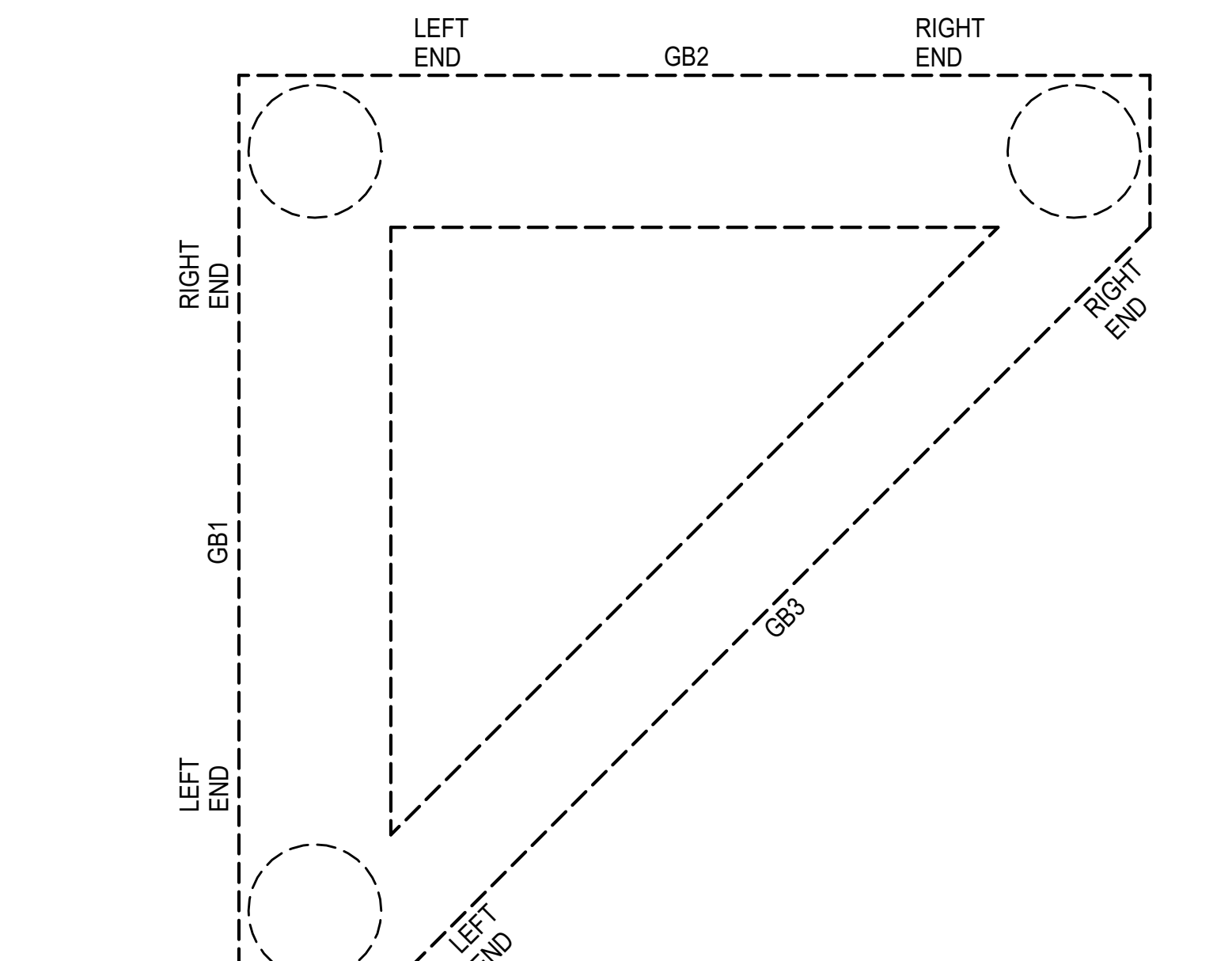


3 GRADE BEAM SECTION - TYPICAL  
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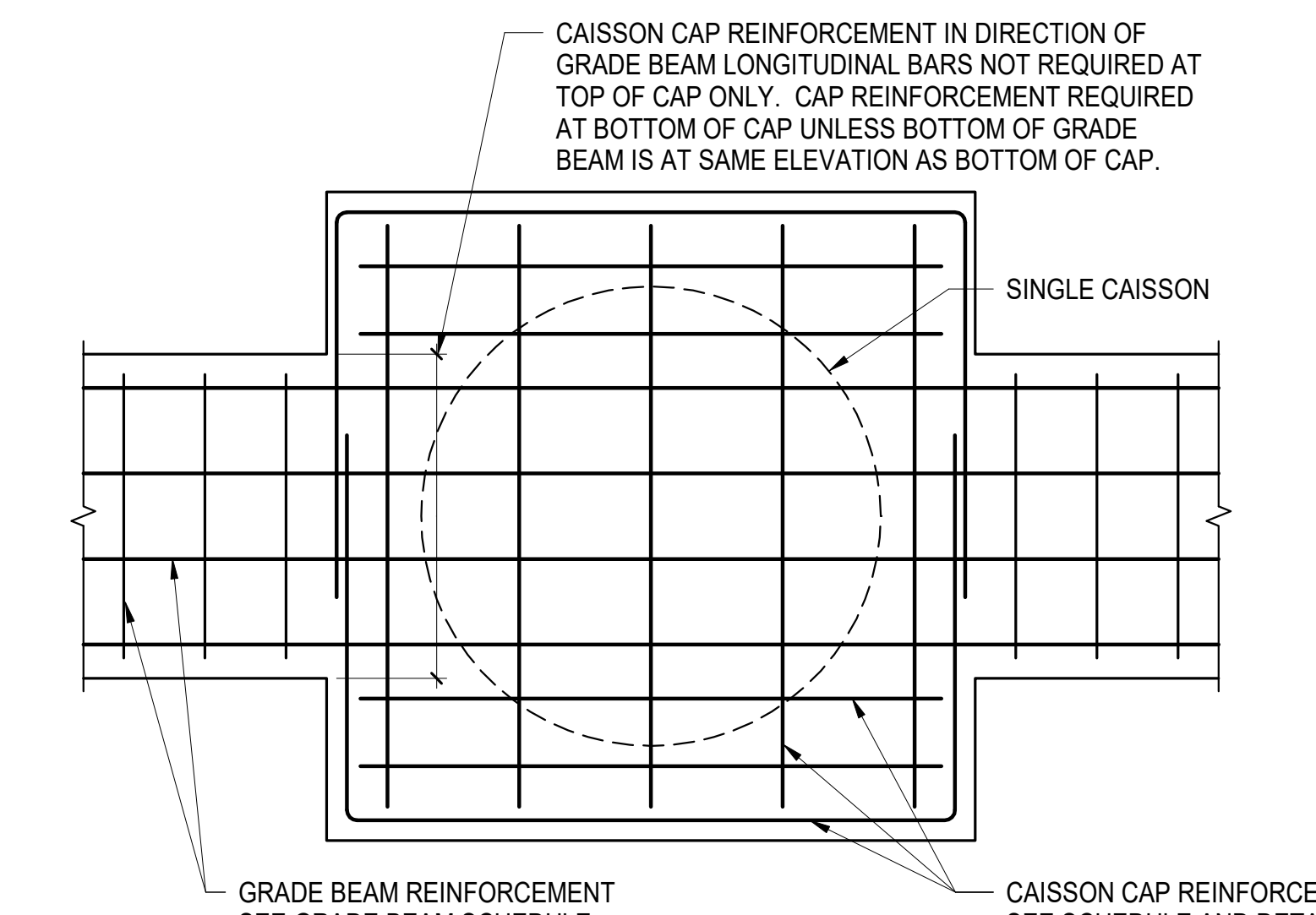


6 TYPICAL GRADE BEAM DETAIL AT COLUMN / WALL INTERSECTION  
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4 GRADE BEAM ORIENTATION KEY PLAN  
NOT TO SCALE

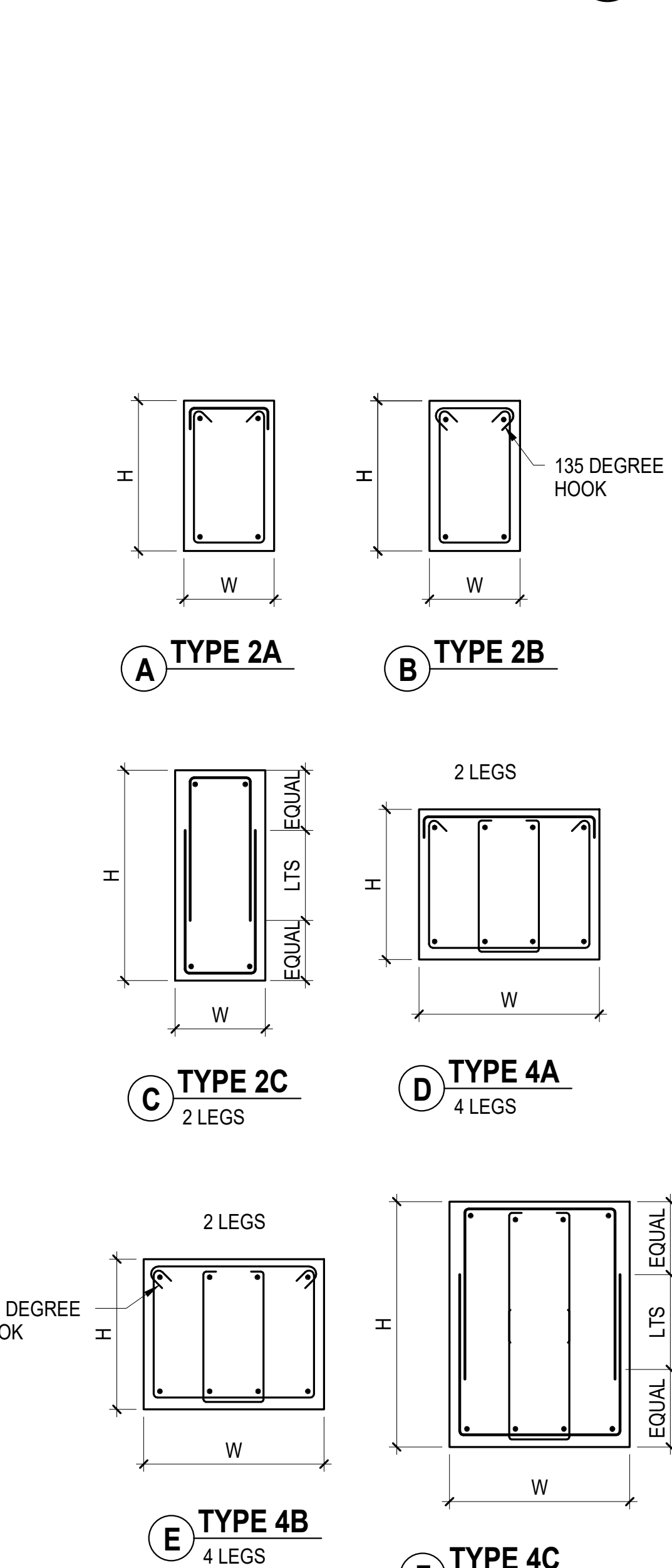


7 CAISSON CAP AT GRADE BEAM - PLAN  
NOT TO SCALE



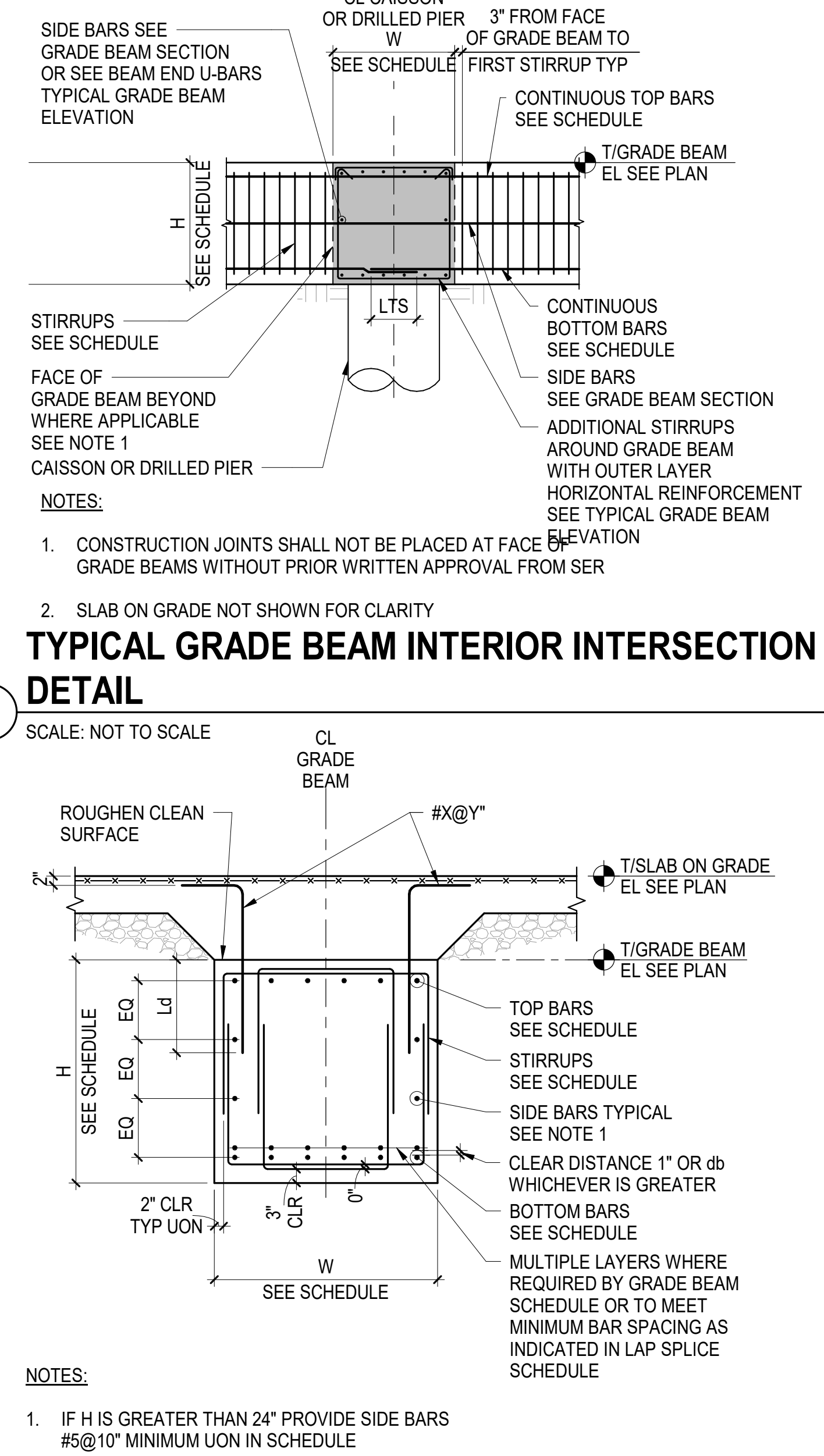
7 CAISSON CAP AT GRADE BEAM - PLAN  
NOT TO SCALE

2 TYPICAL GRADE BEAM INTERIOR INTERSECTION DETAIL  
NOT TO SCALE



8 GRADE BEAM STIRRUP TYPES  
NOT TO SCALE

5 TYPICAL GRADE BEAM INTERIOR INTERSECTION DETAIL  
SCALE: NOT TO SCALE



9 GRADE BEAM SECTION - BASE SHEAR TRANSFER CONDITION  
NOT TO SCALE

ARQUITECTONICA

OWNER:  
Capital Group P3  
55 NE 5th Avenue, Suite 501  
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TEL: 954.788.3400

PROJECT  
ISHOF  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:

△ DESCRIPTION DATE

SEAL & SIGNATURE

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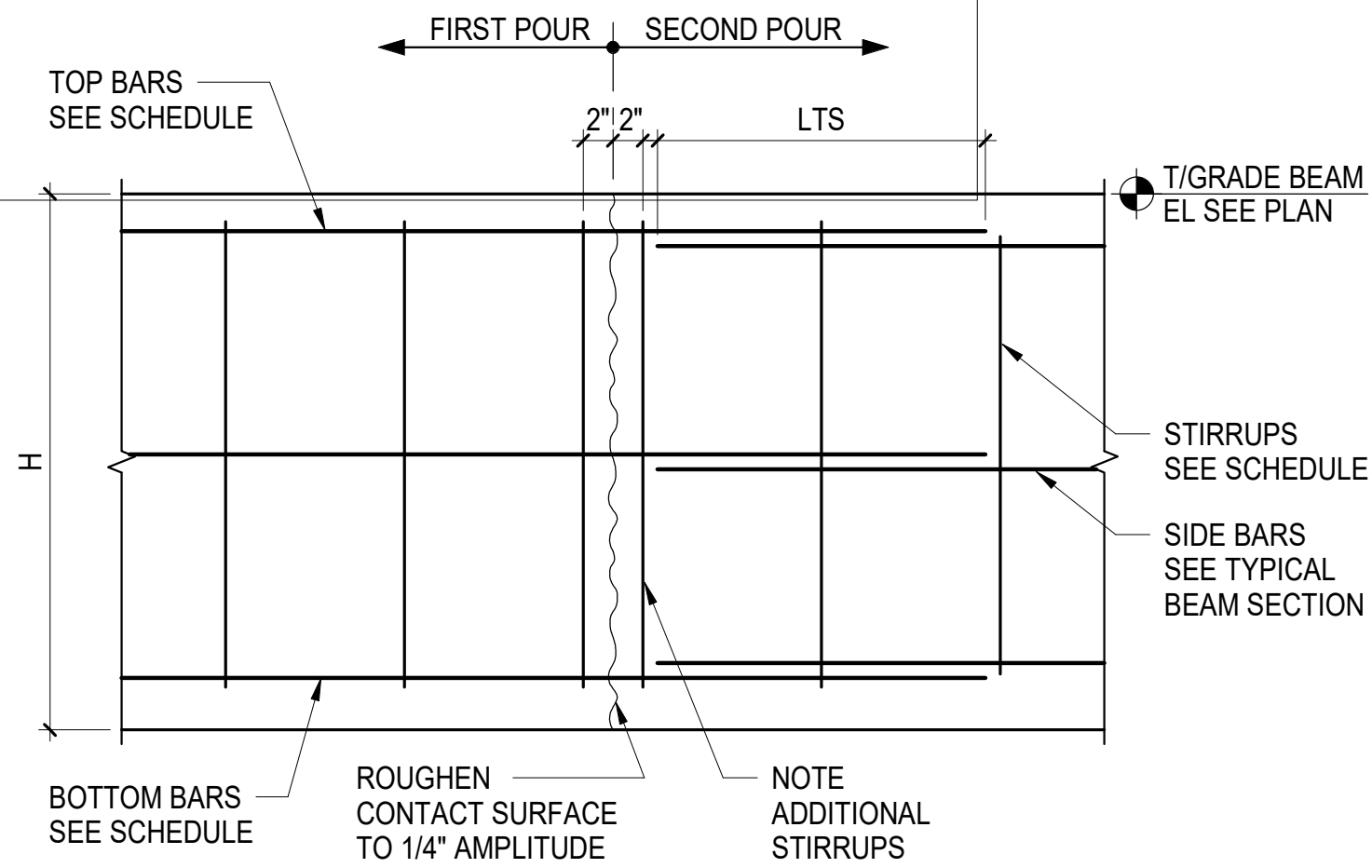
PROJECT NORTH:

DRAWING TITLE  
TYPICAL GRADE BEAM DETAILS

PROJECT NUMBER: 010326.000  
DATE: 04/01/2016  
SCALE: As indicated  
SHEET  
S2-700

CAM 23-0723  
Exhibit 1L  
Page 54 of 171



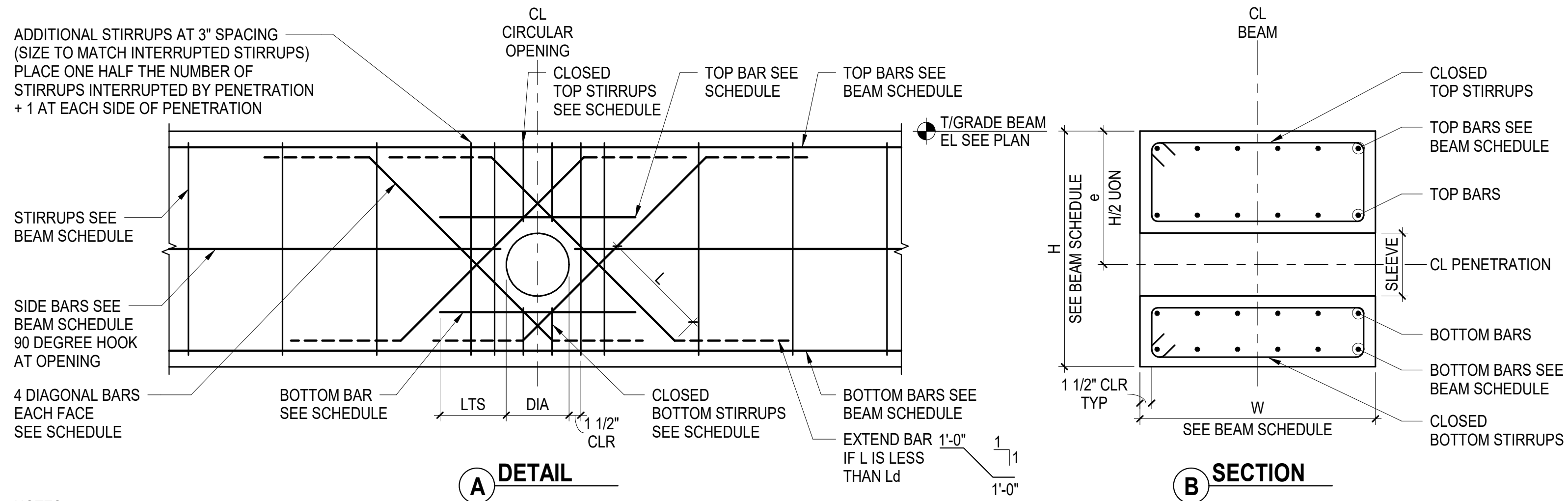


NOTES:

1. CONTRACTOR SHALL SUBMIT CONCRETE CONSTRUCTION JOINT LAYOUT FOR REVIEW AND ACTION (REFER TO GENERAL NOTES AND SPECIFICATIONS) PRIOR TO REINFORCEMENT SUBMITTAL
2. HORIZONTAL CONSTRUCTION JOINTS ARE NOT PERMITTED WITHOUT PRIOR WRITTEN APPROVAL FROM SER

## TYPICAL GRADE BEAM CONSTRUCTION JOINT - ELEVATION

SCALE: NOT TO SCALE



NOTES:

1. ALL BEAM PENETRATIONS SHALL BE SHOWN ON THE SHOP DRAWINGS FOR REVIEW BY THE DESIGN PROFESSIONALS  
NO PENETRATIONS SHALL BE MADE WITHOUT PRIOR WRITTEN APPROVAL FROM THE DESIGN PROFESSIONALS
2. THESE DETAILS SHALL BE USED IN CONJUNCTION WITH GRADE BEAM PENETRATION SCHEDULE
3. THE MINIMUM CLEAR SPACE BETWEEN TWO ADJACENT PENETRATIONS SHALL BE GREATER OF THE LARGEST PENETRATION DIMENSION OR TWO TIMES THE BEAM DEPTH
4. THE MINIMUM CLEAR DIMENSION BETWEEN THE EDGE OF A PENETRATION AND THE FACE OF SUPPORT SHALL BE THE DEPTH OF THE BEAM
5. SEE STRUCTURAL DRAWINGS FOR PENETRATIONS. GENERAL CONTRACTOR SHALL VERIFY QUANTITY, SIZE, AND LOCATION OF ALL PENETRATIONS WITH MEP DRAWINGS.  
NOTIFY THE SER IN WRITING OF ANY DISCREPANCIES FOR REVIEW AND ACTION
6. NO ADDITIONAL REINFORCEMENT IS REQUIRED FOR OPENINGS WITH 4" DIAMETER OR SMALLER PROVIDED NO BEAM REINFORCEMENT IS INTERRUPTED AND MINIMUM CONCRETE COVER IS PROVIDED AROUND ALL BARS. IT IS ACCEPTABLE TO ADJUST BEAM REINFORCEMENT WITHIN MAXIMUM SPACING LIMITS FOR STIRRUPS OR SIDE BARS.

## TYPICAL GRADE BEAM PENETRATION DETAIL

NOT TO SCALE

[illegible]

NOTES:

1. SEE PLAN FOR TOP OF GRADE BEAM ELEVATION.
2. LEFT END AND RIGHT END OF BEAM ARE DEFINED ON BEAM ORIENTATION KEY PLAN.
3. SEE TYPICAL GRADE BEAM SECTION DETAIL WHERE NO SIDE BARS ARE INDICATED.

## GRADE BEAM SCHEDULE

[illegible]

## 4 GRADE BEAM PENETRATION SCHEDULE

**OWNER:**  
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55 NE 5th Avenue, Suite 501  
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TEL:561.705.5353

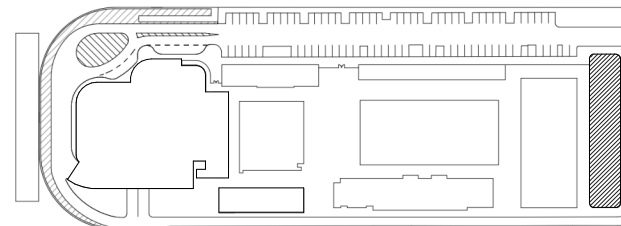
**ARCHITECT:**  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL:305.372.1812

**STRUCTURAL ENGINEER:**  
THORNTON TOMASETTI  
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**MEP/FP ENGINEERS:**  
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**CIVIL ENGINEER:**  
KEITH  
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TEL:954.788.3400

KEY PLAN:

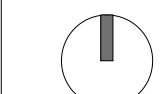


△	DESCRIPTION	DATE
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SEAL &amp; SIGNATURE

TO THE BEST OF THE STRUCTURAL ENGINEERS KNOWLEDGE THE  
PLANS, DETAILS AND SPECIFICATIONS COMPLY WITH THE  
APPLICABLE BUILDING CODES

PROJECT NORTH



DRAWING TITLE

TYPICAL GRADE BEAM DETAIL

PROJECT NUMBER: 010326.0

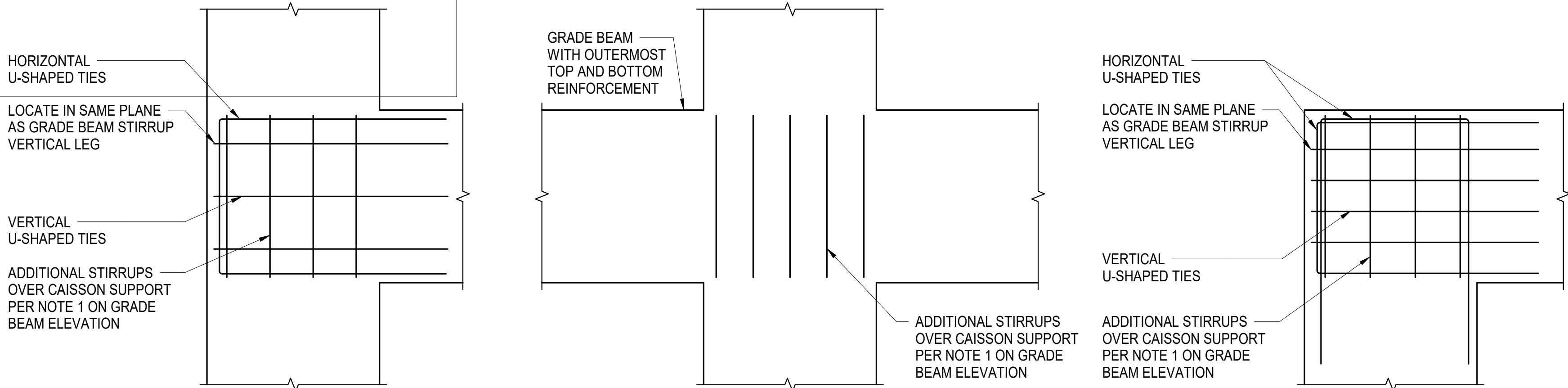
DATE: 04/01/20

**SCALE:** As indica

SHE

S2-701





A

GRADE BEAM - T-INTERSECTION

B

GRADE BEAM - INTERIOR INTERSECTION

C

GRADE BEAM - CORNER CONDITION

- NOTES:
- GRADE BEAM LONGITUDINAL REINFORCEMENT AND STIRRUPS NOT SHOWN FOR CLARITY
  - FOR U-SHAPED TIES SEE TYPICAL GRADE BEAM ELEVATION

1

TYPICAL GRADE BEAM INTERSECTION PLAN DETAILS

SCALE: NOT TO SCALE

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TEL: 954.903.9300 • FL CA#7519

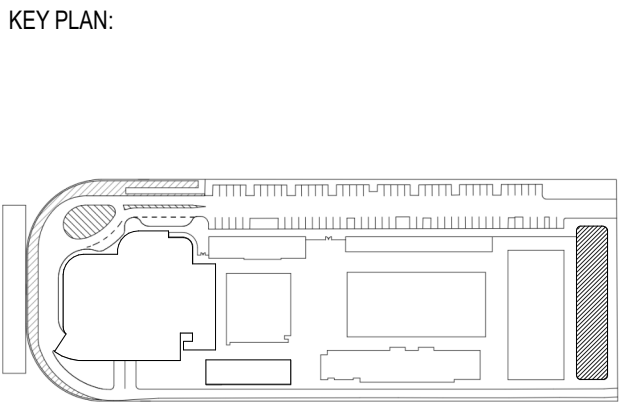
**MEPFP ENGINEERS:**  
KAMM CONSULTING  
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**CIVIL ENGINEER:**  
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TEL: 954.788.3400

PROJECT

ISHOF

1 Hall of Fame Dr., Fort Lauderdale, FL 33316



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SEAL & SIGNATURE		
TO THE BEST OF THE STRUCTURAL ENGINEERS KNOWLEDGE THE PLANS, DETAILS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE BUILDING CODES		
PROJECT NORTH: 		

DRAWING TITLE

TYPICAL GRADE BEAM DETAILS

PROJECT NUMBER: 010326.000  
DATE: 05/26/22  
SCALE: NOT TO SCALE  
SHEET

S2-702



- NOTES:
- FOR TOP OF STRUCTURAL SLAB ELEVATIONS SEE PLANS
  - SEE TYPICAL SHEAR WALL REINFORCEMENT ARRANGEMENT - PLAN FOR VERTICAL AND HORIZONTAL BAR ARRANGEMENT INFORMATION
  - PROVIDE TENSION LAP SPLICE AT ALL VERTICAL BARS AT BOTTOM OF SHEAR WALLS AND WHERE DESIGNATED AS TENSION (T) SEE SHEAR WALL LAP SPLICE SCHEDULE
  - ALL SHEAR WALL HORIZONTAL BARS SHALL BE LAPPED USING THE TENSION LAP SPLICE LENGTHS SEE SHEAR WALL LAP SPLICE SCHEDULE
  - SHEAR WALL PENETRATIONS ARE SHOWN ON THE SHEAR WALL ELEVATIONS ADDITIONAL PENETRATIONS REQUIRE PRIOR WRITTEN APPROVAL BY THE SER
  - "NONE" INDICATES NO TIES ARE REQUIRED  
"TIED" INDICATES TIES AS SHOWN IN TIED SHEAR WALL ZONES DETAIL

- SHEAR WALL CONSTRUCTION TOLERANCES NOTES:
- WALL THICKNESS -1/4" TO +3/8"
  - VARIATIONS FROM PLUMB:  
A. IN ANY STORY ±1/2"  
B. ENTIRE HEIGHT ±1"
  - VARIATION IN LOCATION OF EMBEDDED PLATES:  
A. HORIZONTAL AND VERTICAL ±1 1/2"  
B. ALIGNMENT AND PLUMB +1/4" IN 12"
  - VARIATION IN SIZE OF SLEEVES ±1/2" TYPICAL
  - DOOR BLOCKOUTS:  
A. SIDE JAMBS +1" PLUS DRAFT  
B. HEADS +1" PLUS DRAFT
  - OTHER BLOCKOUTS +1", -1/4" PLUS DRAFT

1 SHEAR WALL NOTES

2 SHEAR WALL CONSTRUCTION TOLERANCE NOTES

CONCRETE SHEAR WALL SCHEDULE																	
CONCRETE STRENGTH f'c (PSI)	SHEAR WALL MARK	GRID A-2 / B-2						GRID C-4 / D-5									SHEAR WALL MARK
		ZONE						ZONE									
		1			2			3			4			5			
	FLOOR	VERT BAR EACH FACE	HORZ BARS EACH FACE	TIES	VERT BAR EACH FACE	HORZ BARS EACH FACE	TIES	VERT BAR EACH FACE	HORZ BARS EACH FACE	TIES	VERT BAR EACH FACE	HORZ BARS EACH FACE	TIES	VERT BAR EACH FACE	HORZ BARS EACH FACE	TIES	FLOOR
YYYY	ROOF																ROOF
	LEVEL XX	#X@Y"	#X@Y"	TIED				#X@Y"	#X@Y"	NONE							LEVEL XX
	LEVEL XX	#X@Y"	#X@Y"	TIED				#X@Y"	#X@Y"	NONE							LEVEL XX
	LEVEL XX	#X@Y"	#X@Y"	TIED				#X@Y"	#X@Y"	NONE							LEVEL XX
	LEVEL XX	#X@Y"	#X@Y"	TIED				#X@Y"	#X@Y"	NONE							LEVEL XX
	LEVEL XX	#X@Y"	#X@Y"	TIED				#X@Y"	#X@Y"	NONE							LEVEL XX
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XXXX	LEVEL XX	#X@Y"	#X@Y"	TIED	Y-#X T	#X@Y"	TIED	#X@Y"	#X@Y"	TIED	#X@Y"	#X@Y"	TIED	Y-#X	#X@Y"	TIED	LEVEL XX
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	BASEMENT	#X@Y"	#X@Y"	TIED	Y-#X T	#X@Y"	TIED	#X@Y"	#X@Y"	TIED	#X@Y"	#X@Y"	TIED	Y-#X	#X@Y"	TIED	BASEMENT
DOWELS	#X@Y" T			Y-#X T			#X@Y" T			#X@Y" T			Y-#X T			DOWELS	
	REMARKS															REMARKS	

3 SHEAR WALL SCHEDULE

ARQUITECTONICA

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TEL:305.372.1812

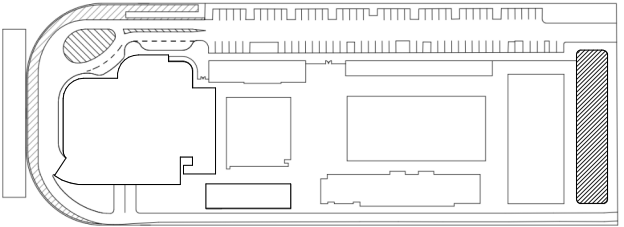
STRUCTURAL ENGINEER:  
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CIVIL ENGINEER:  
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TEL:954.788.3400

PROJECT  
ISHOF  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



△ DESCRIPTION DATE

NOT FOR  
CONSTRUCTION

SEAL & SIGNATURE

TO THE BEST OF THE STRUCTURAL ENGINEERS KNOWLEDGE THE PLANS, DETAILS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE BUILDING CODES

PROJECT NORTH:



DRAWING TITLE

CONCRETE SHEAR WALL SCHEDULE  
AND NOTES

PROJECT NUMBER: 010326.000

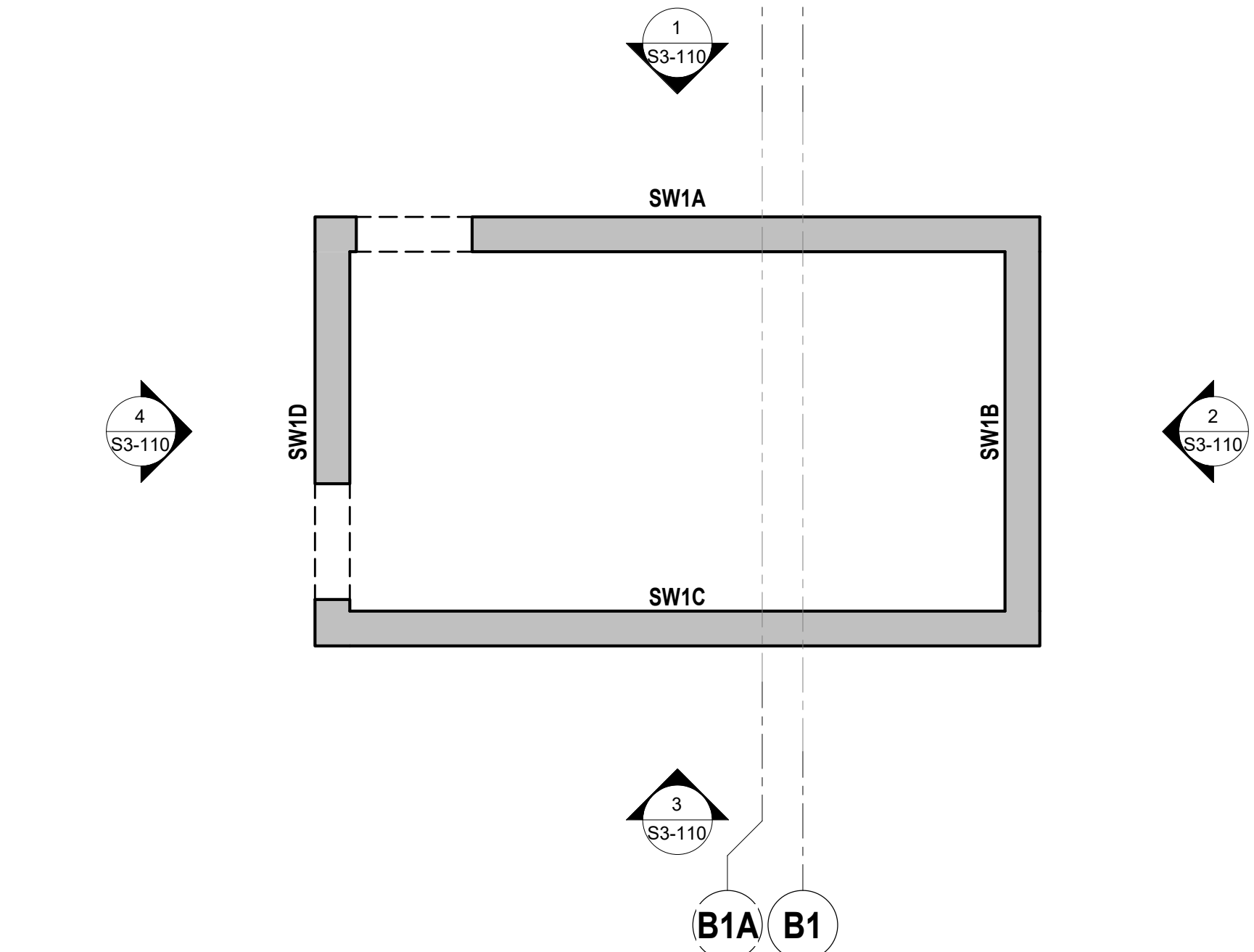
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SHEET

S3-003

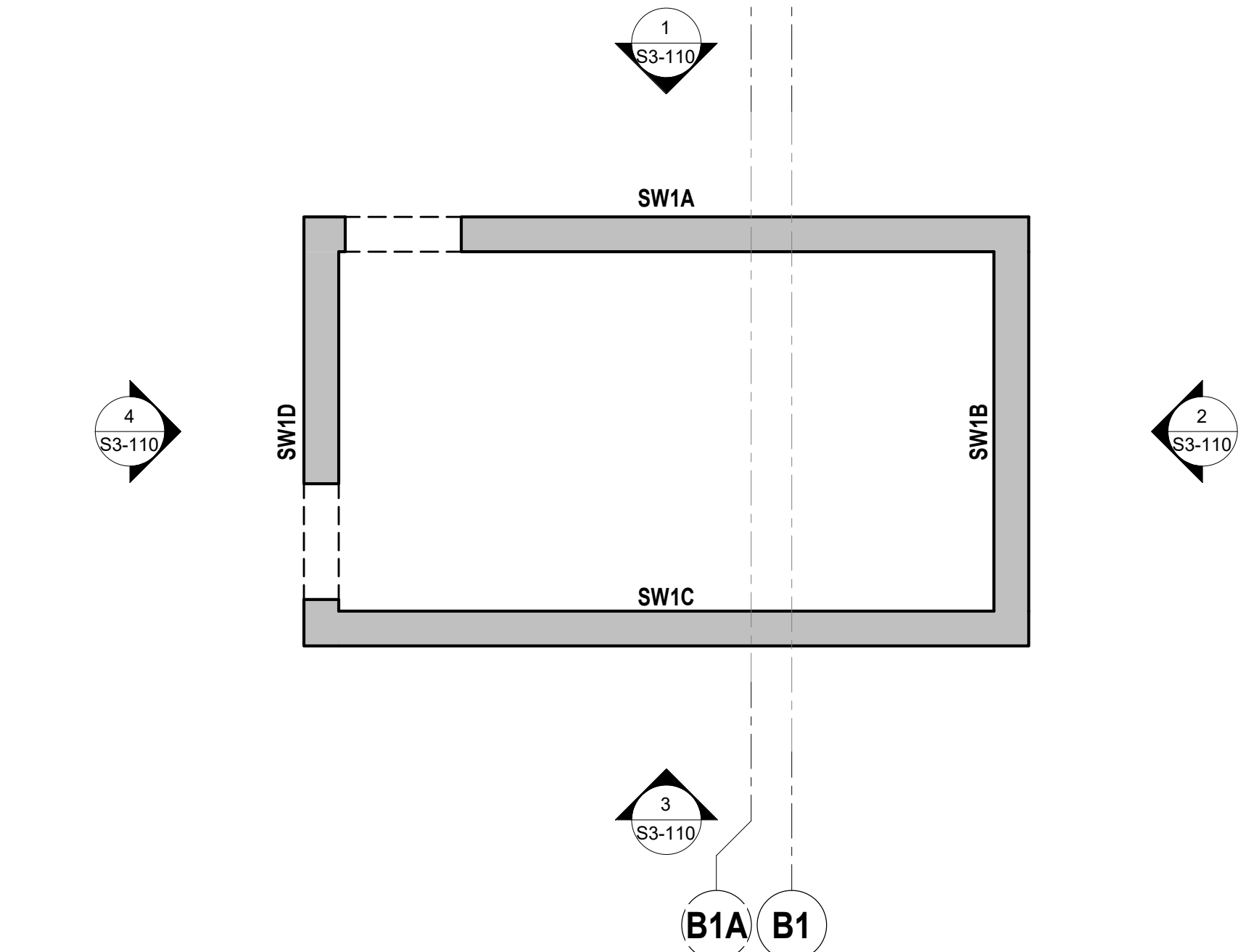




1

SW1 - FOUNDATION

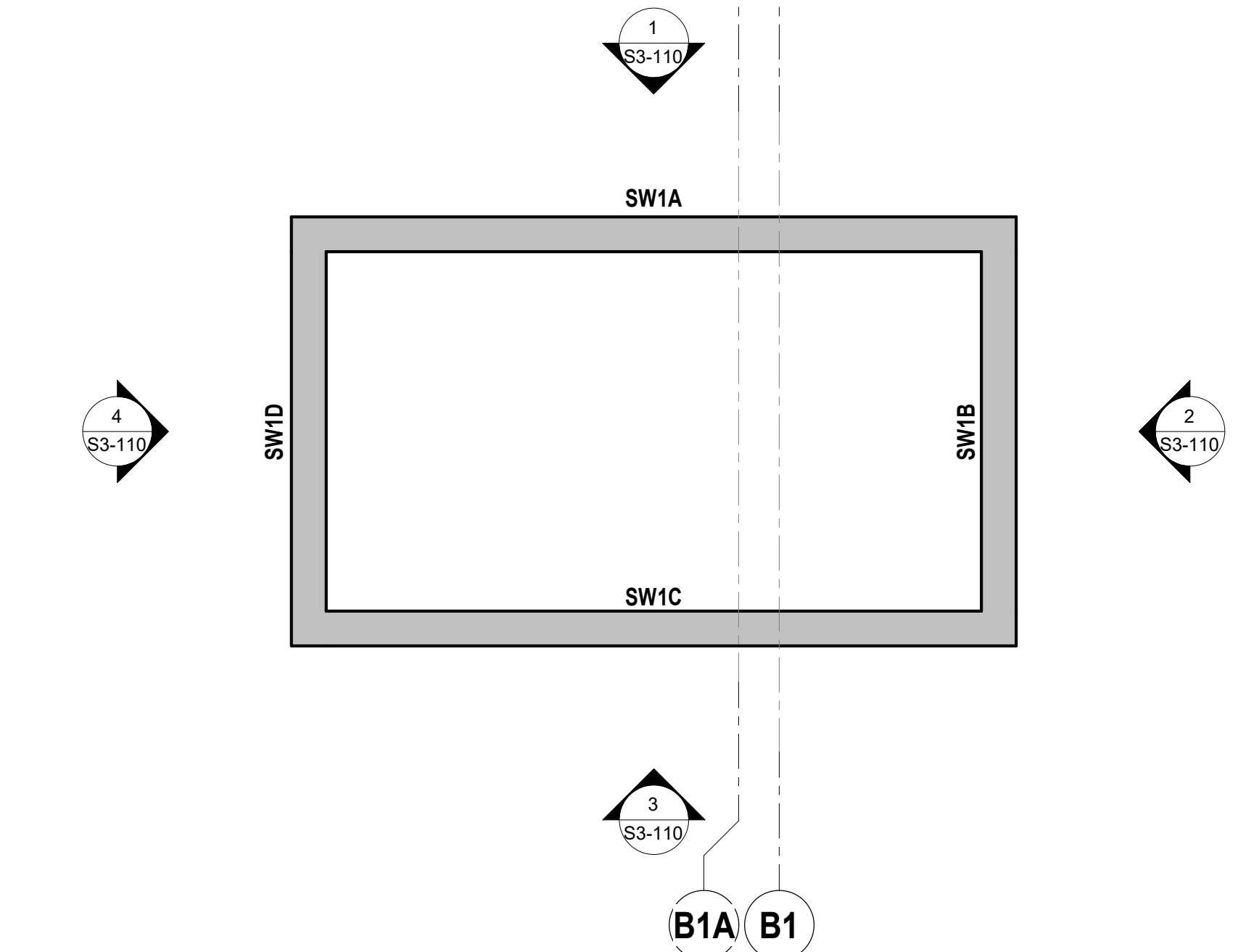
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2

SW1 - LEVEL 01

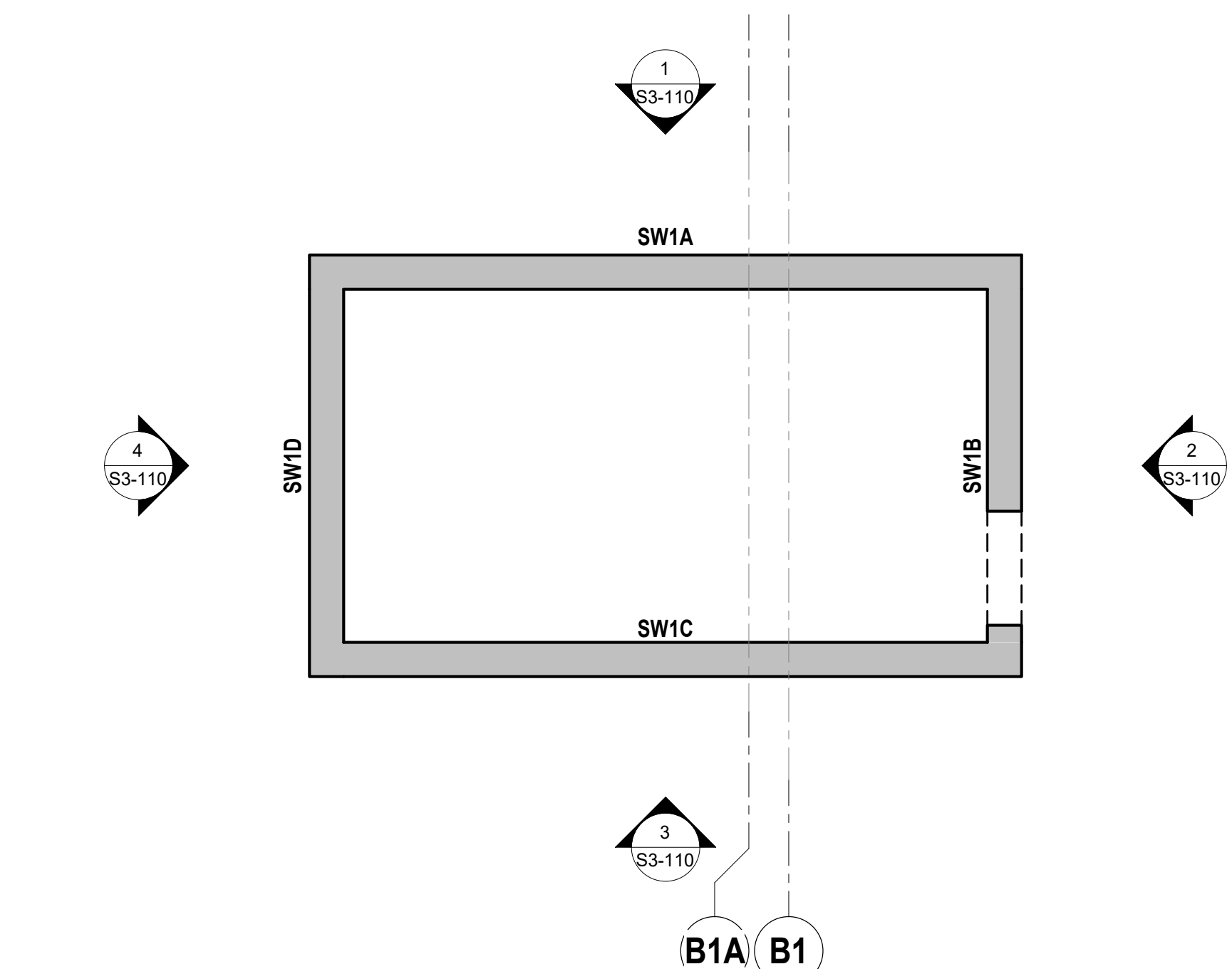
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3

SW1 - LEVEL 01 FLOWRIDER UPPER LEVEL

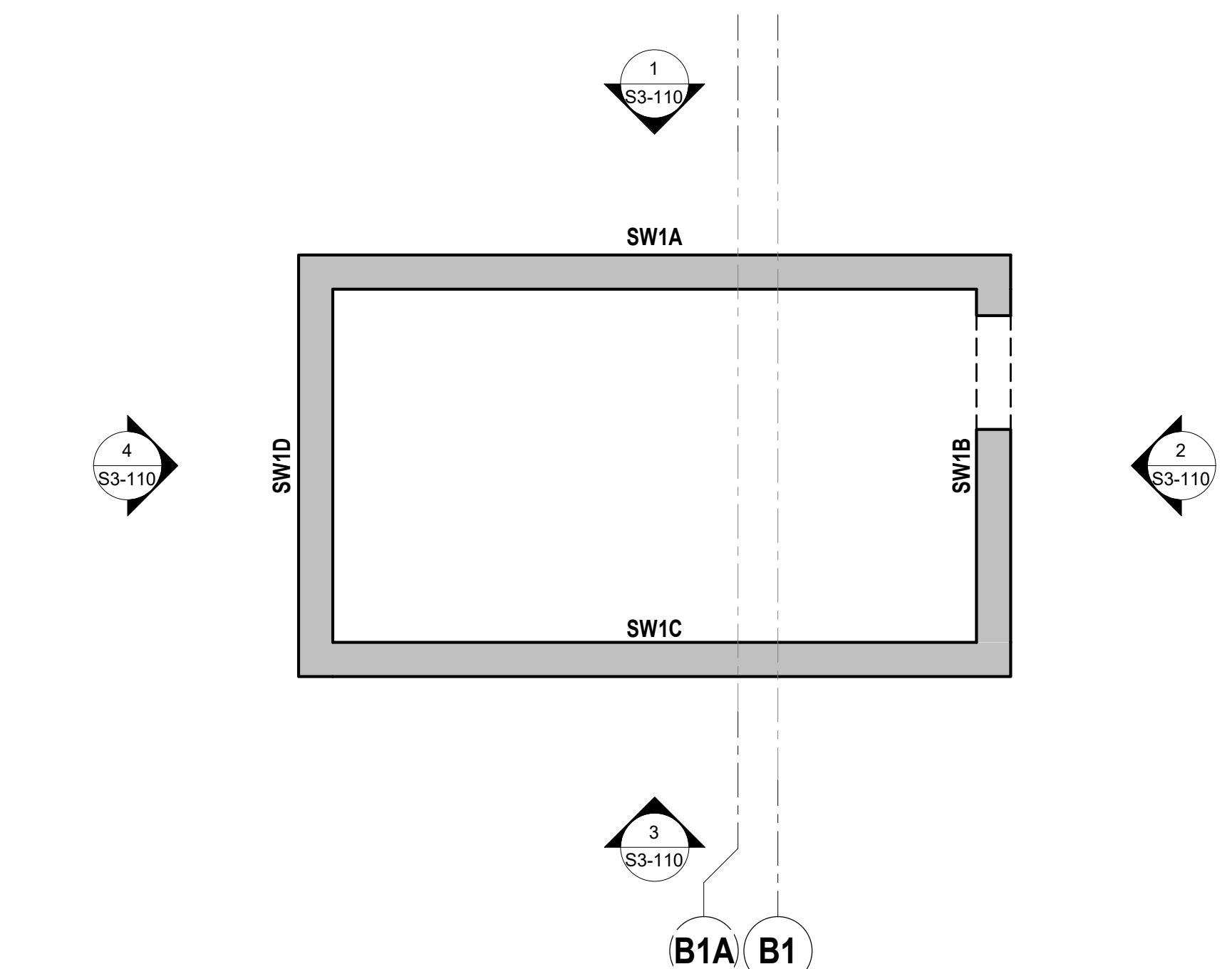
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4

SW1 - LEVEL 01 MEZZANINE LEVEL

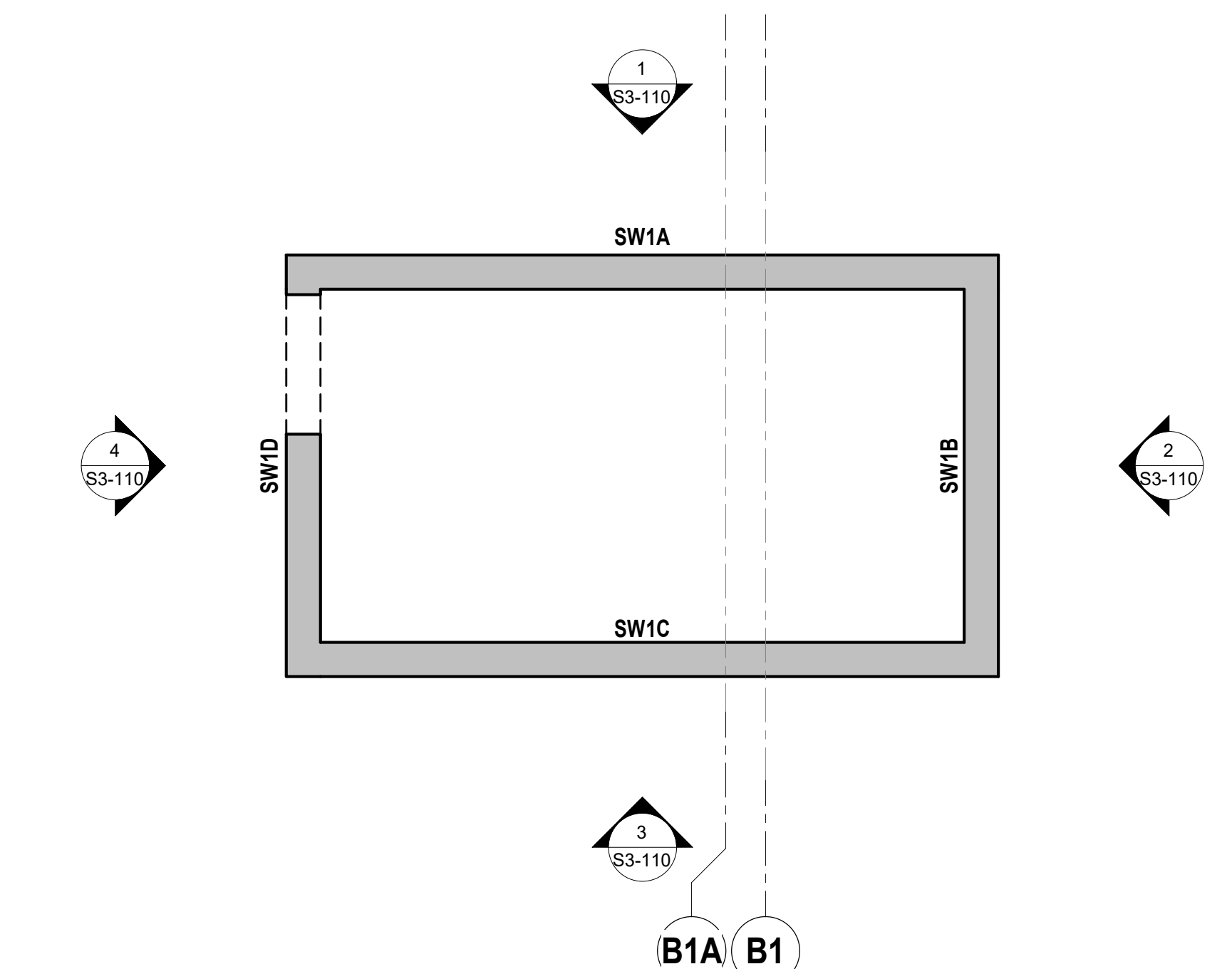
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5

SW1 - LEVEL 02

SCALE: 1/4" = 1'-0"



6

SW1 - LEVEL 03

SCALE: 1/4" = 1'-0"

# ARQUITECTONICA

**OWNER:**  
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TEL: 561.705.5353

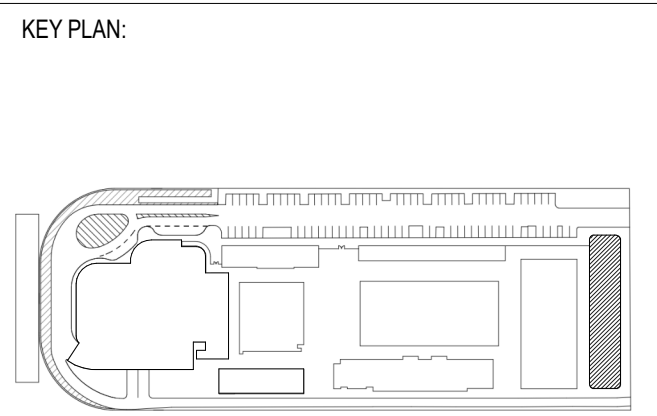
**ARCHITECT:**  
ARQUITECTONICA  
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TEL: 305.372.1812

**STRUCTURAL ENGINEER:**  
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**CIVIL ENGINEER:**  
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FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316



△	DESCRIPTION	DATE
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PROJECT NORTH:

DRAWING TITLE  
SHEARWALL PLANS

PROJECT NUMBER: 010326.000

SCALE: 1/4" = 1'-0"

SHEET  
**S3-100**



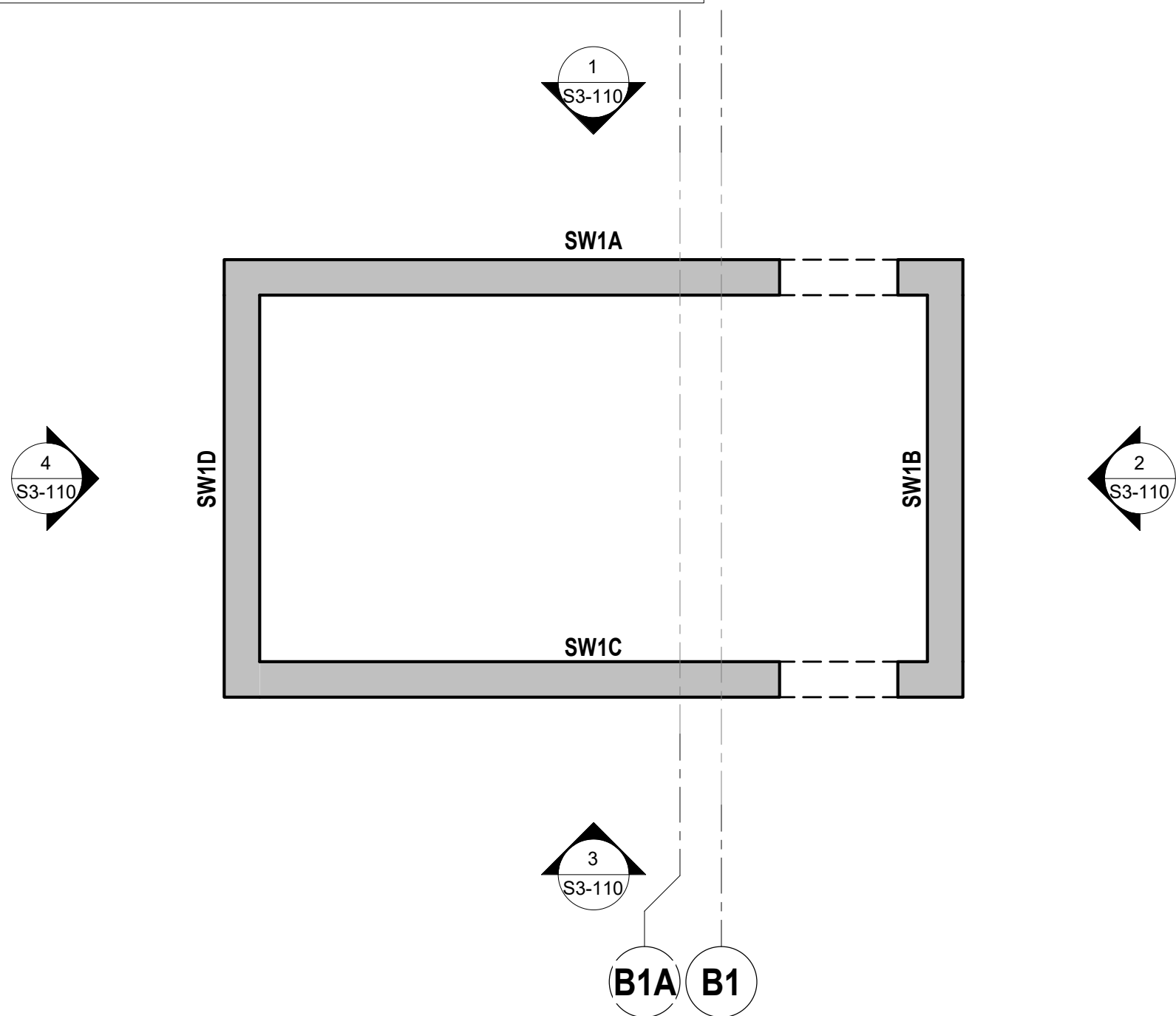
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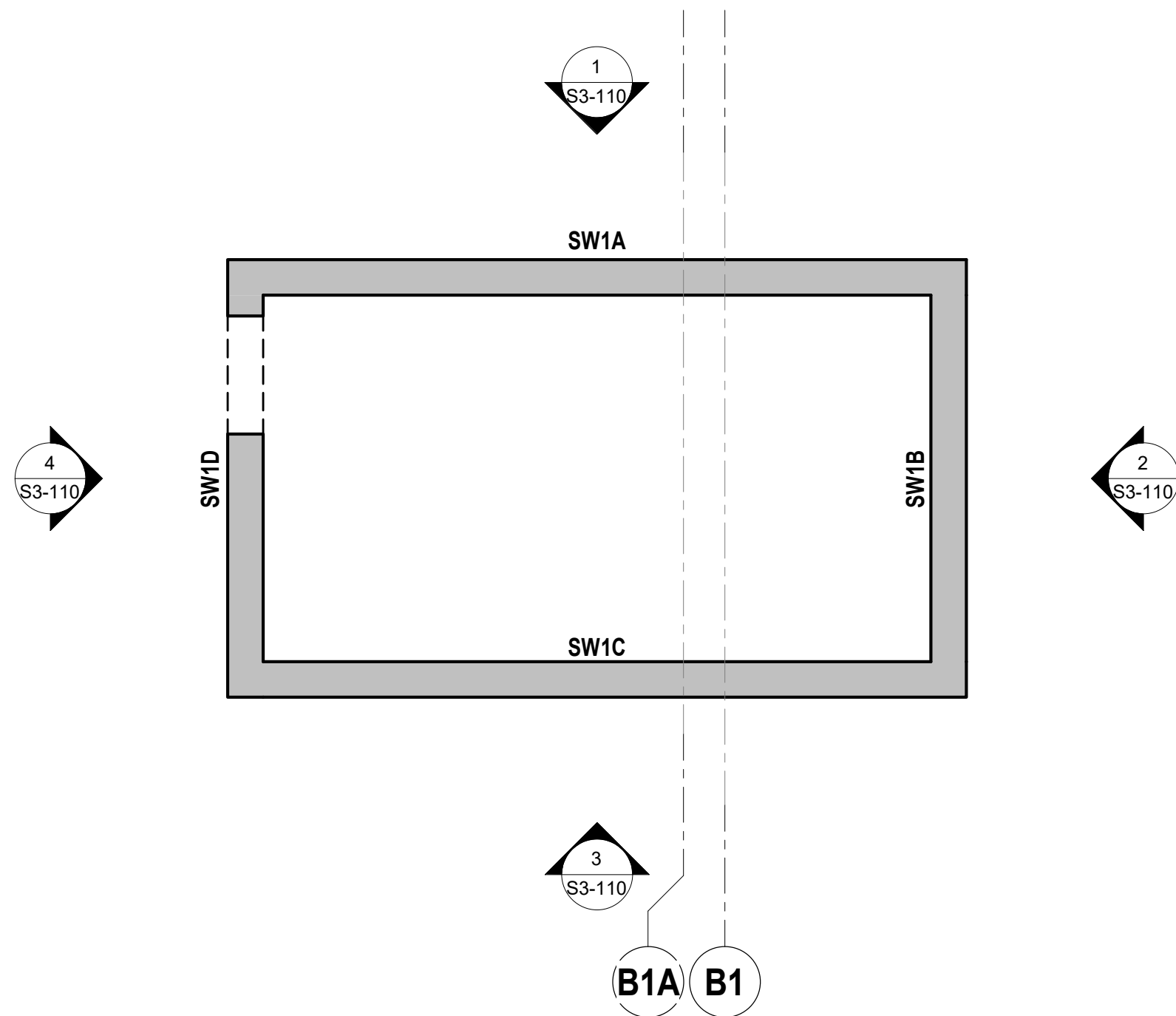
1 SW1 - LEVEL 04

SCALE: 1/4" = 1'-0"



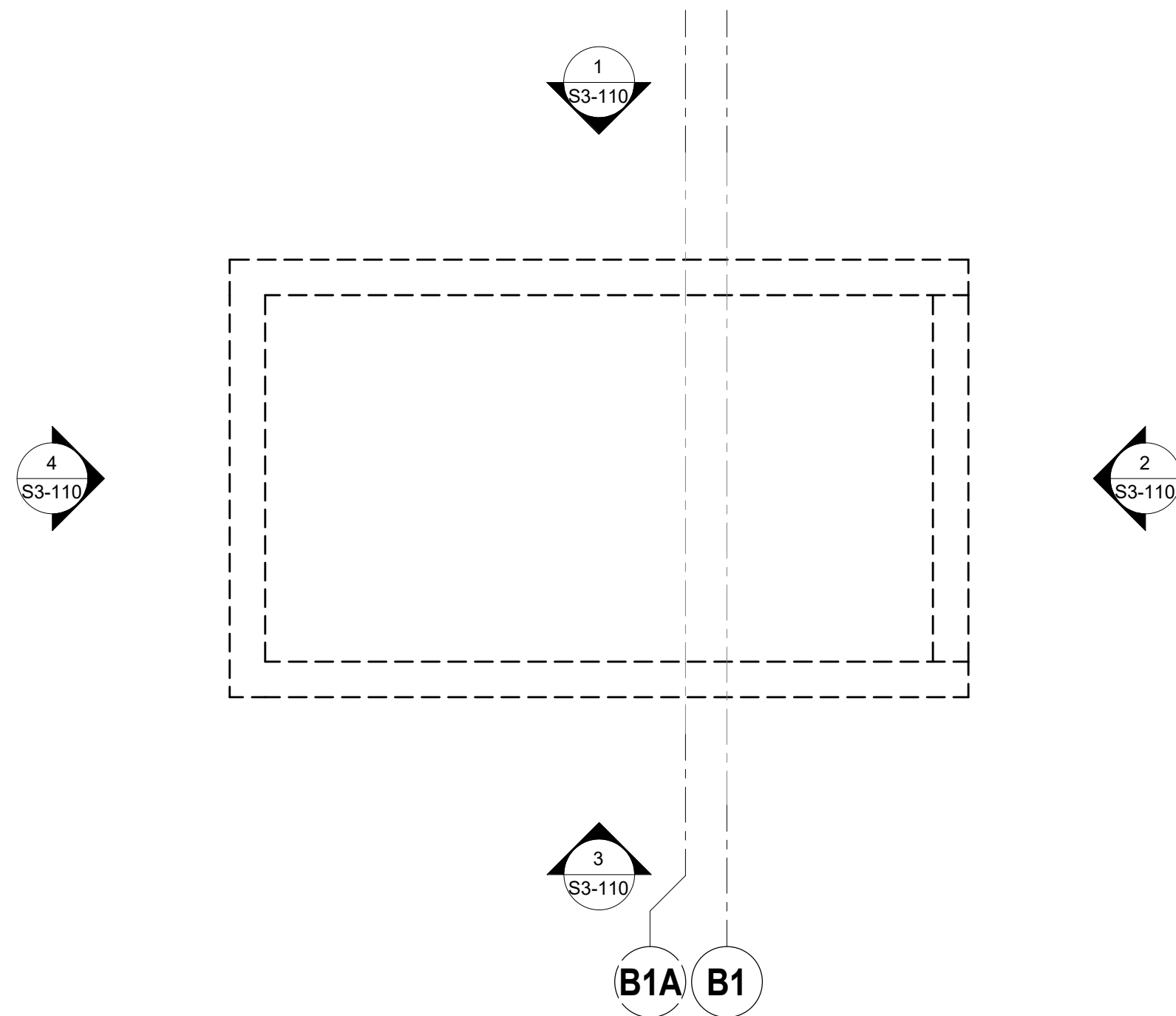
2 SW1 - LEVEL 05

SCALE: 1/4" = 1'-0"



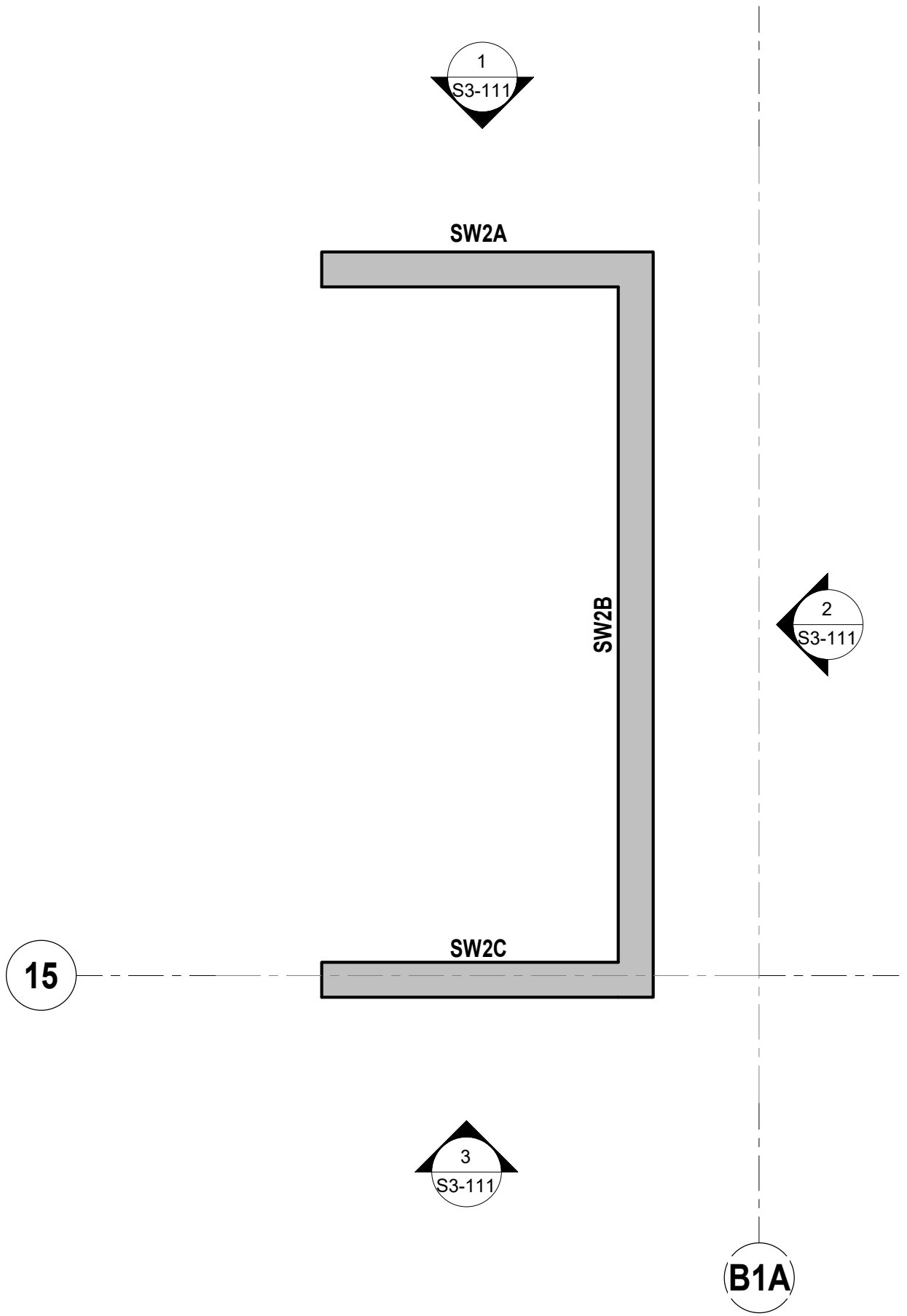
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SCALE: 1/4" = 1'-0"



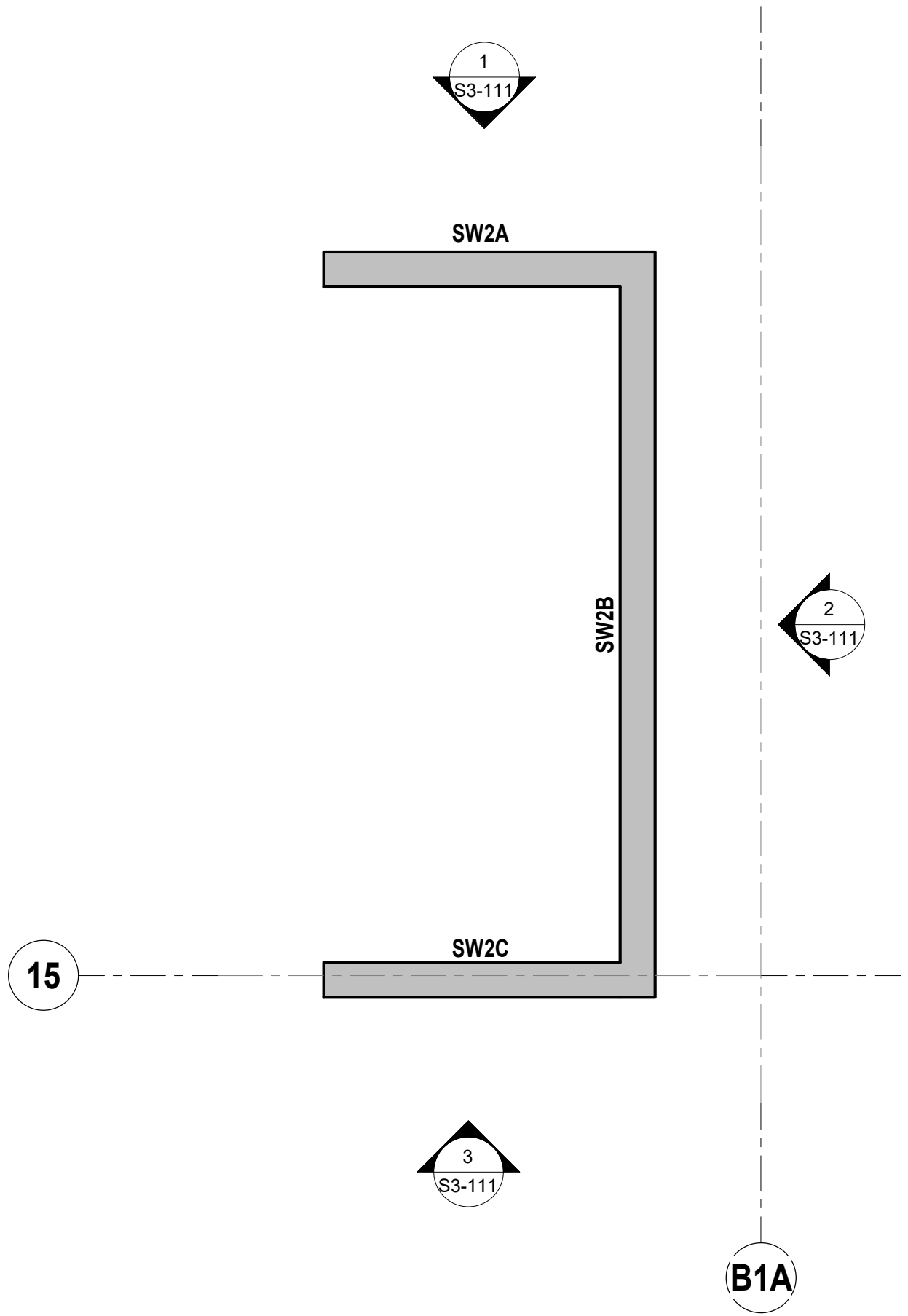
4 SW2 - FOUNDATION

SCALE: 1/4" = 1'-0"



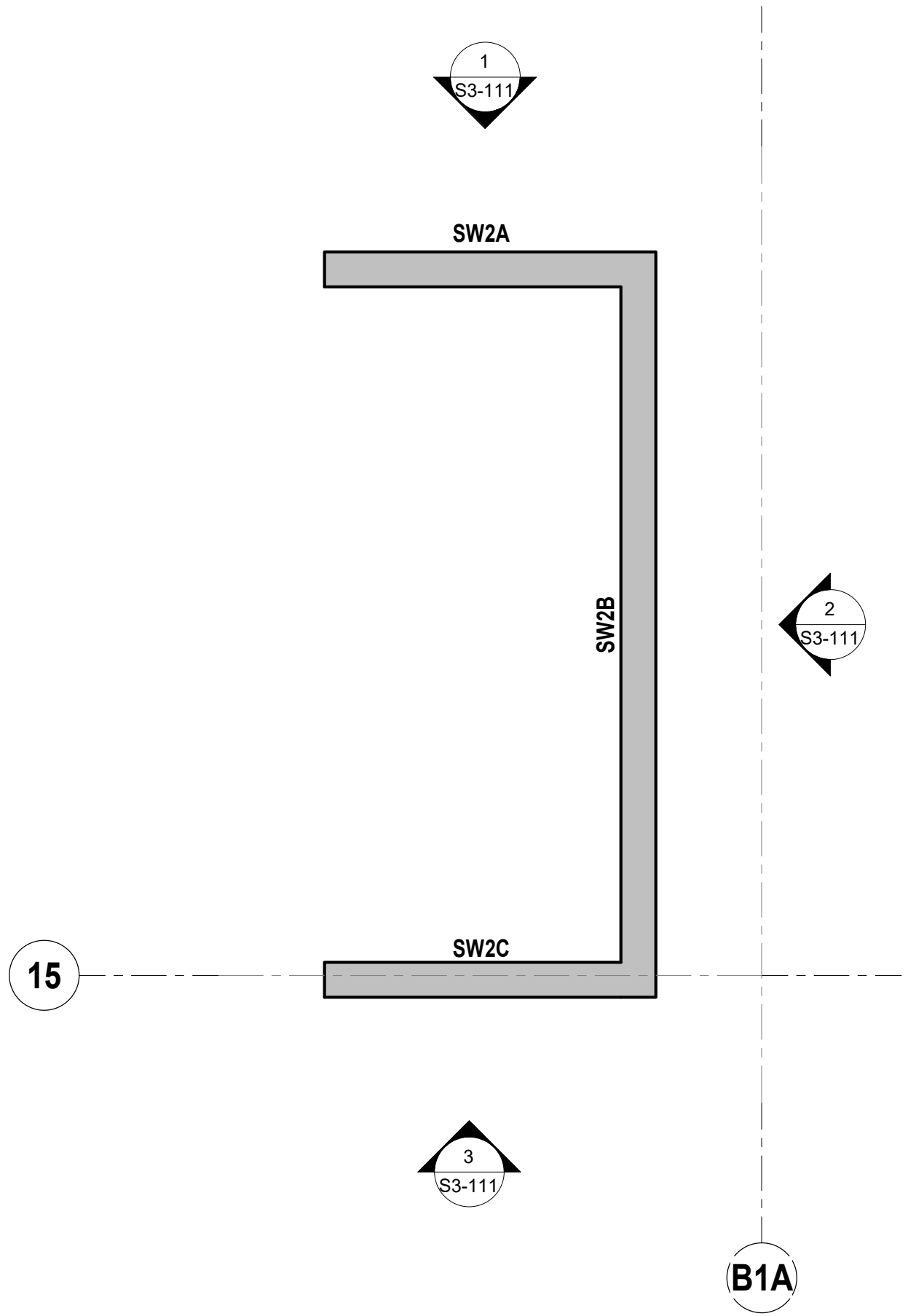
5 SW2 - LEVEL 01

SCALE: 1/4" = 1'-0"



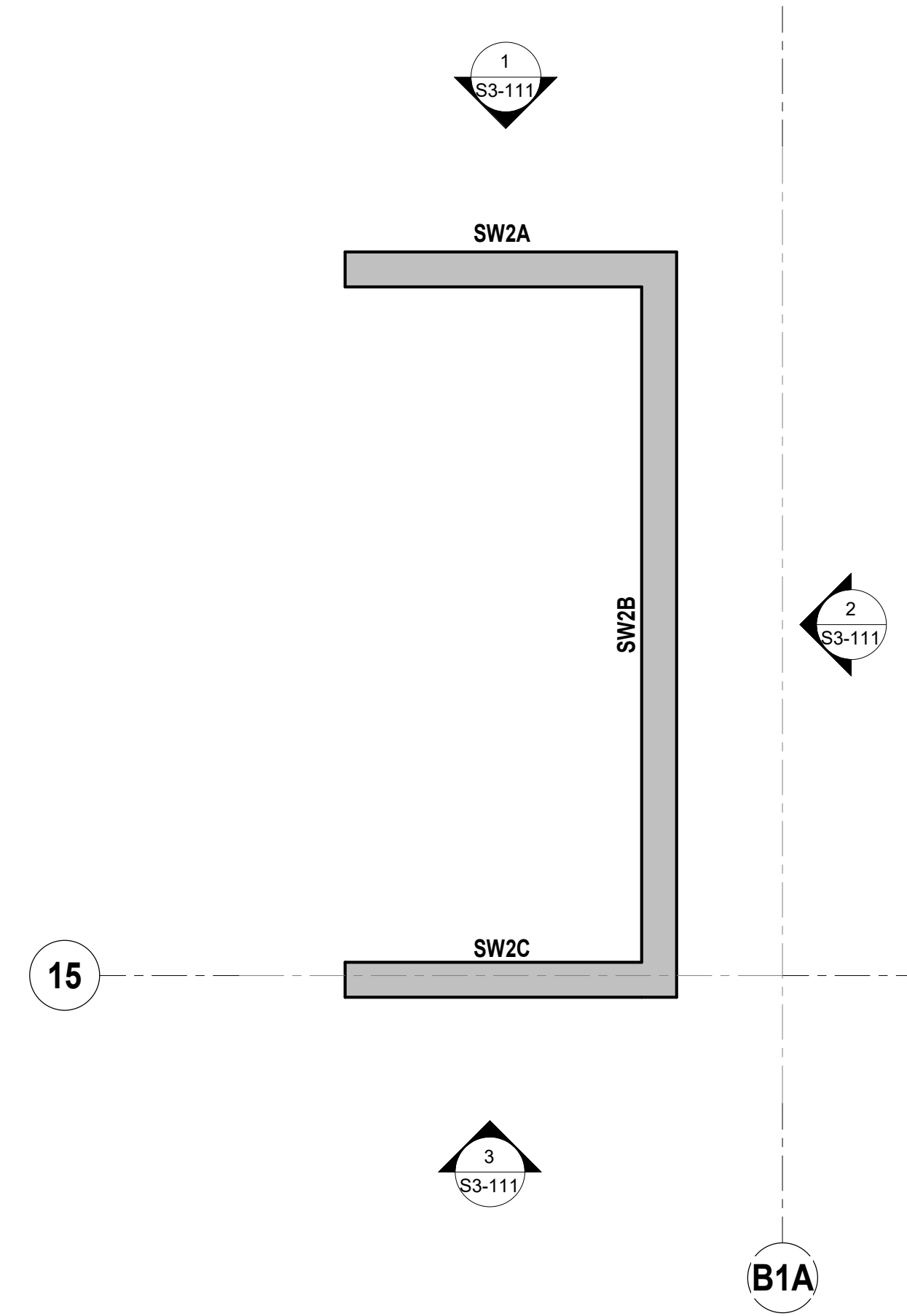
6 SW2 - LEVEL 01 FLOWRIDER UPPER LEVEL

SCALE: 1/4" = 1'-0"



7 SW2 - LEVEL 01 MEZZANINE LEVEL

SCALE: 1/4" = 1'-0"



ARQUITECTONICA

OWNER:

Capital Group P3  
55 NE 5th Avenue, Suite 501  
Boca Raton, FL 33432  
TEL: 561.705.5353

ARCHITECT:

ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

STRUCTURAL ENGINEER:

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101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300 • FL CA#7519

MEP/FP ENGINEERS:

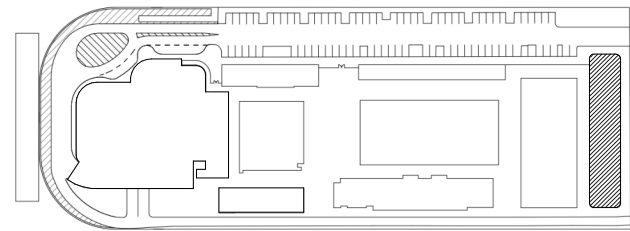
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

CIVIL ENGINEER:

KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



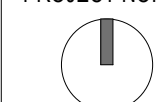
△	DESCRIPTION	DATE
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PROJECT NORTH:



DRAWING TITLE  
SHEARWALL PLANS

PROJECT NUMBER: 010326.000

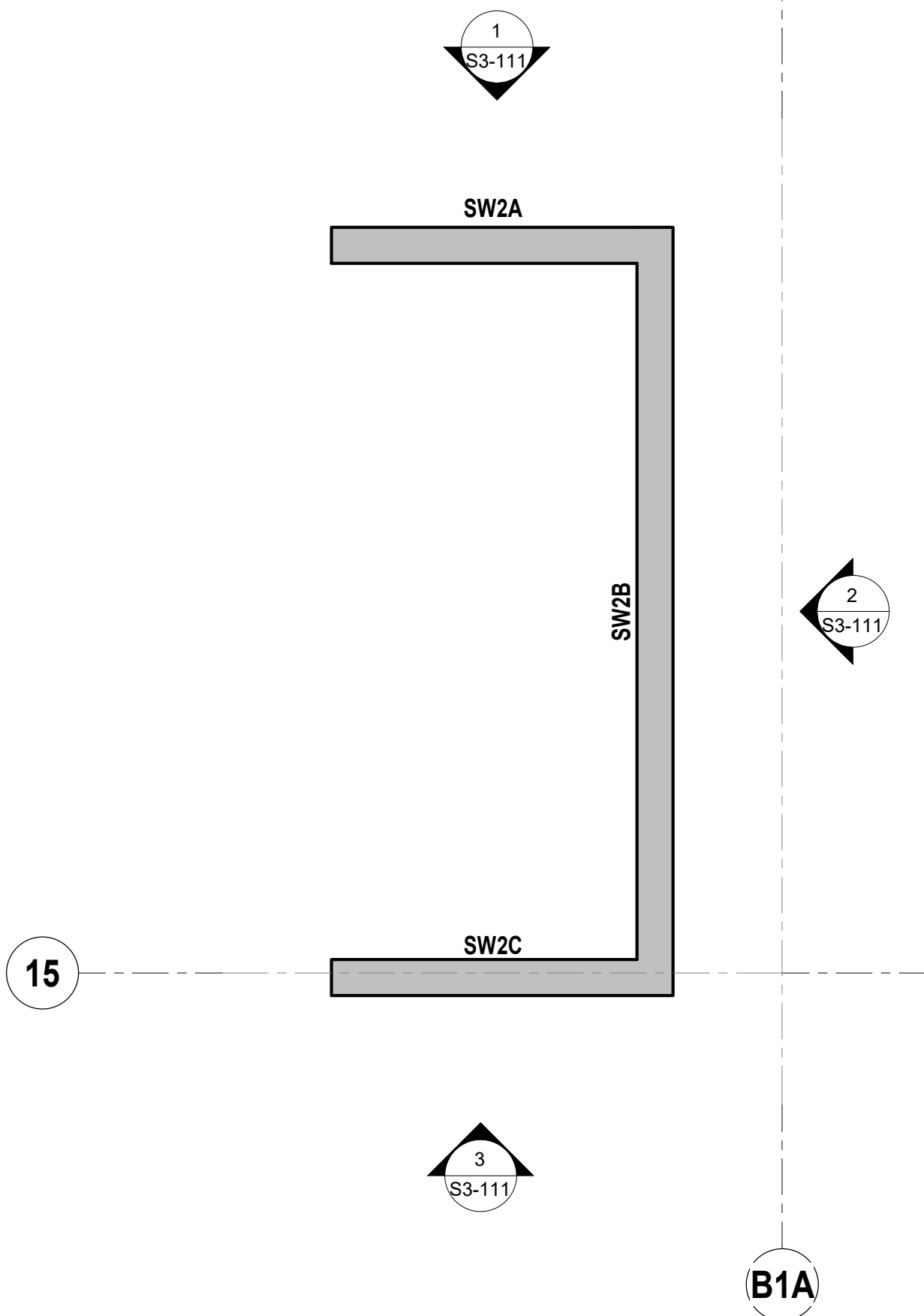
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SHEET

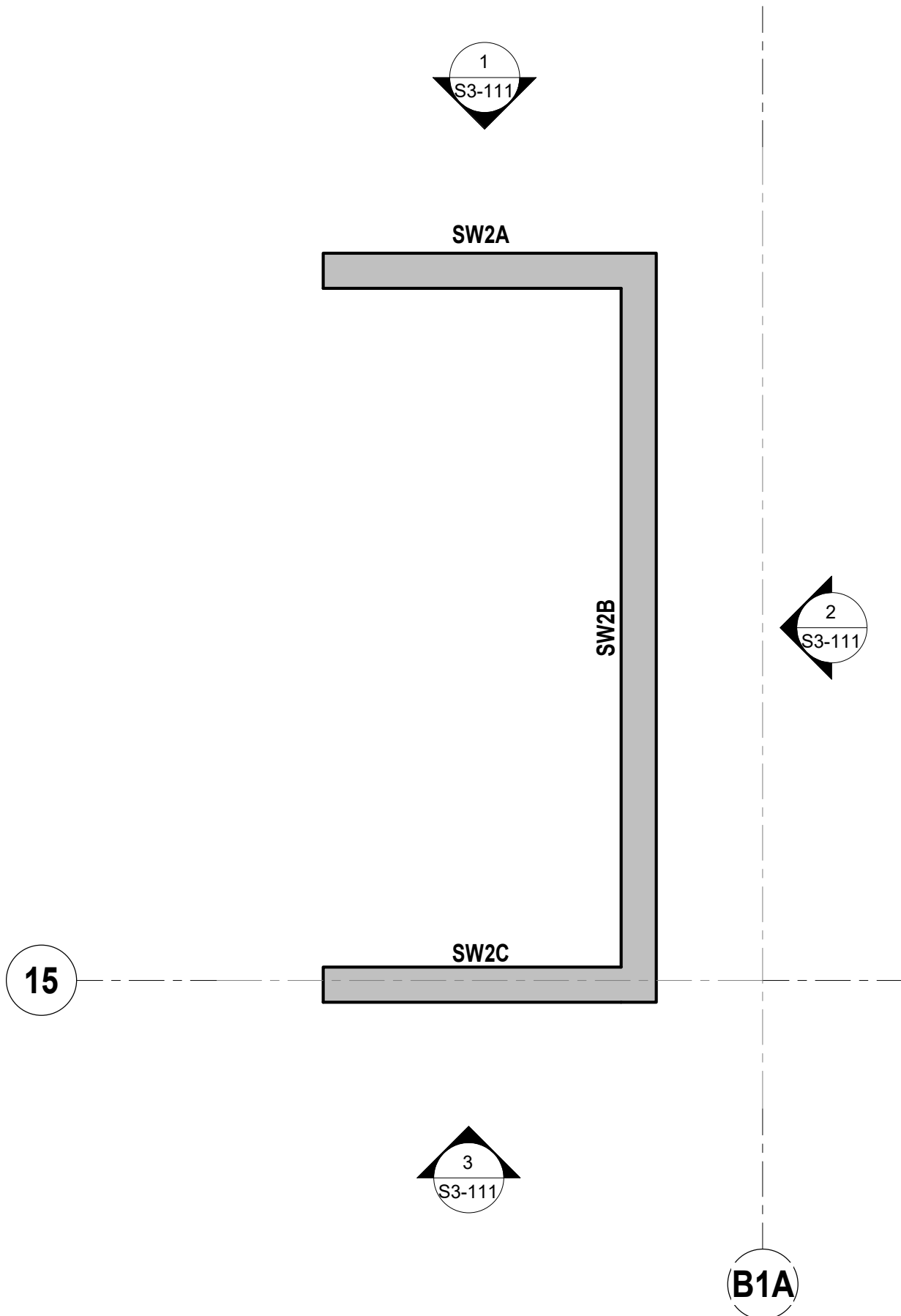
S3-101



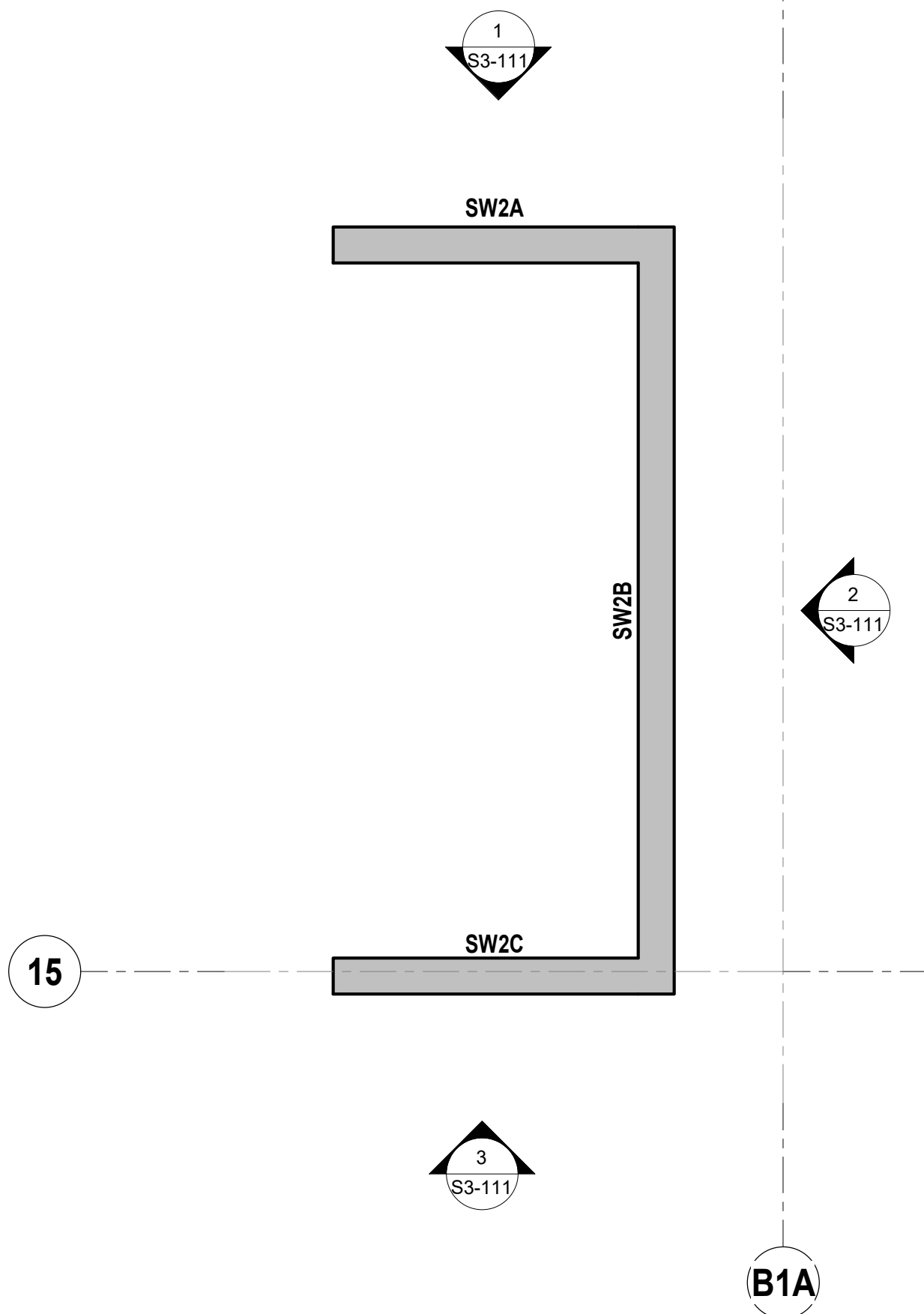
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SCALE: 1/4" = 1'-0"



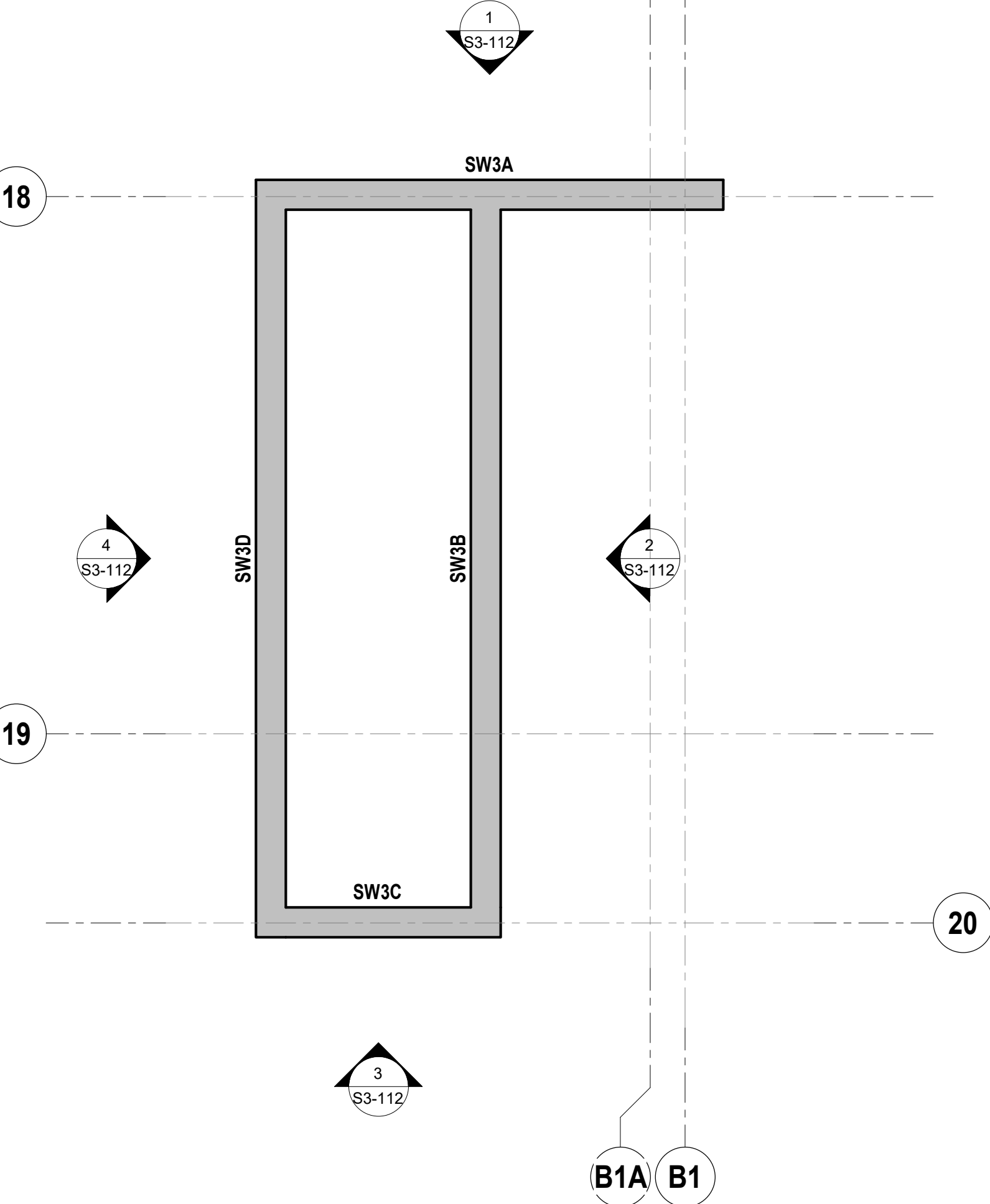
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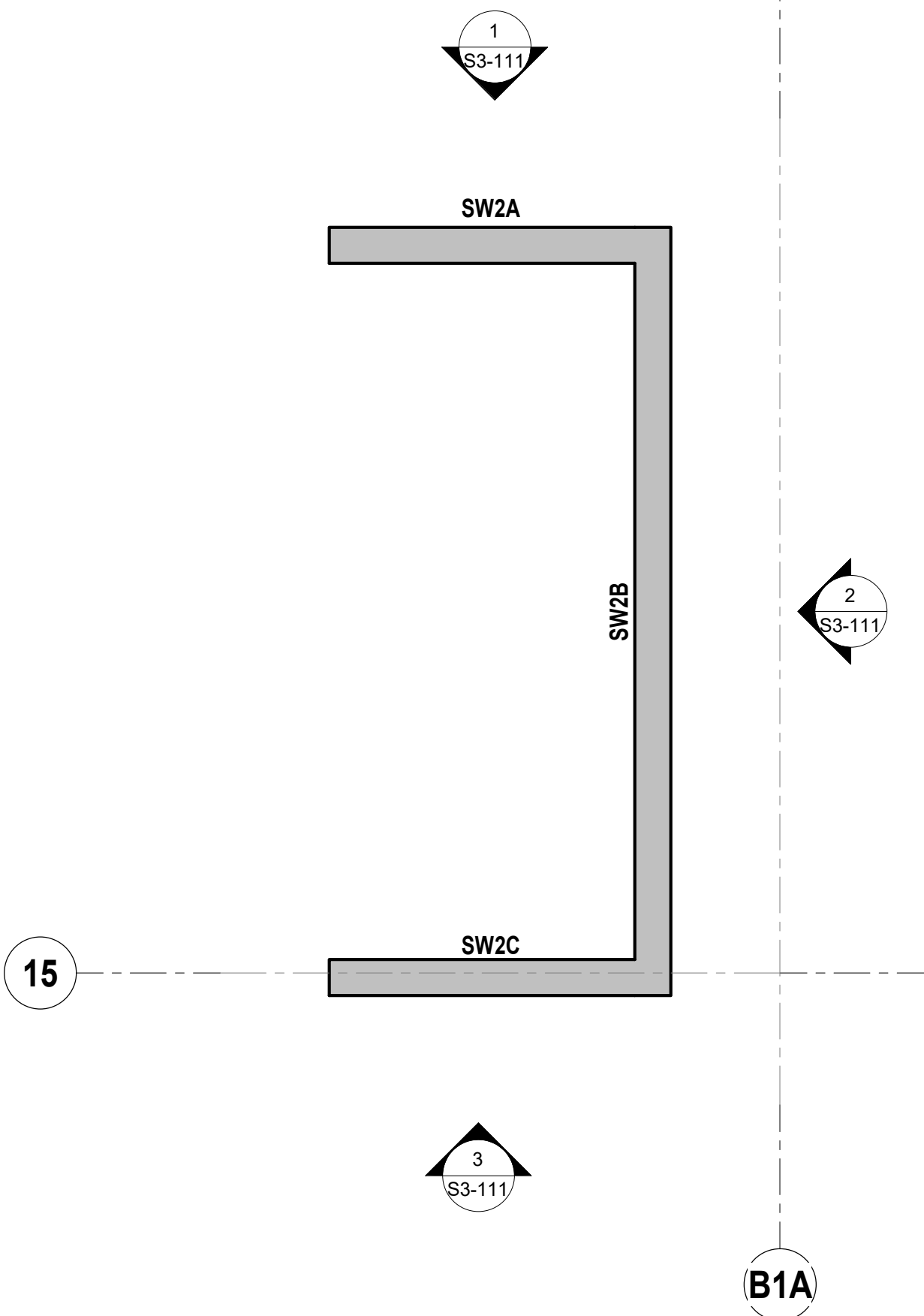
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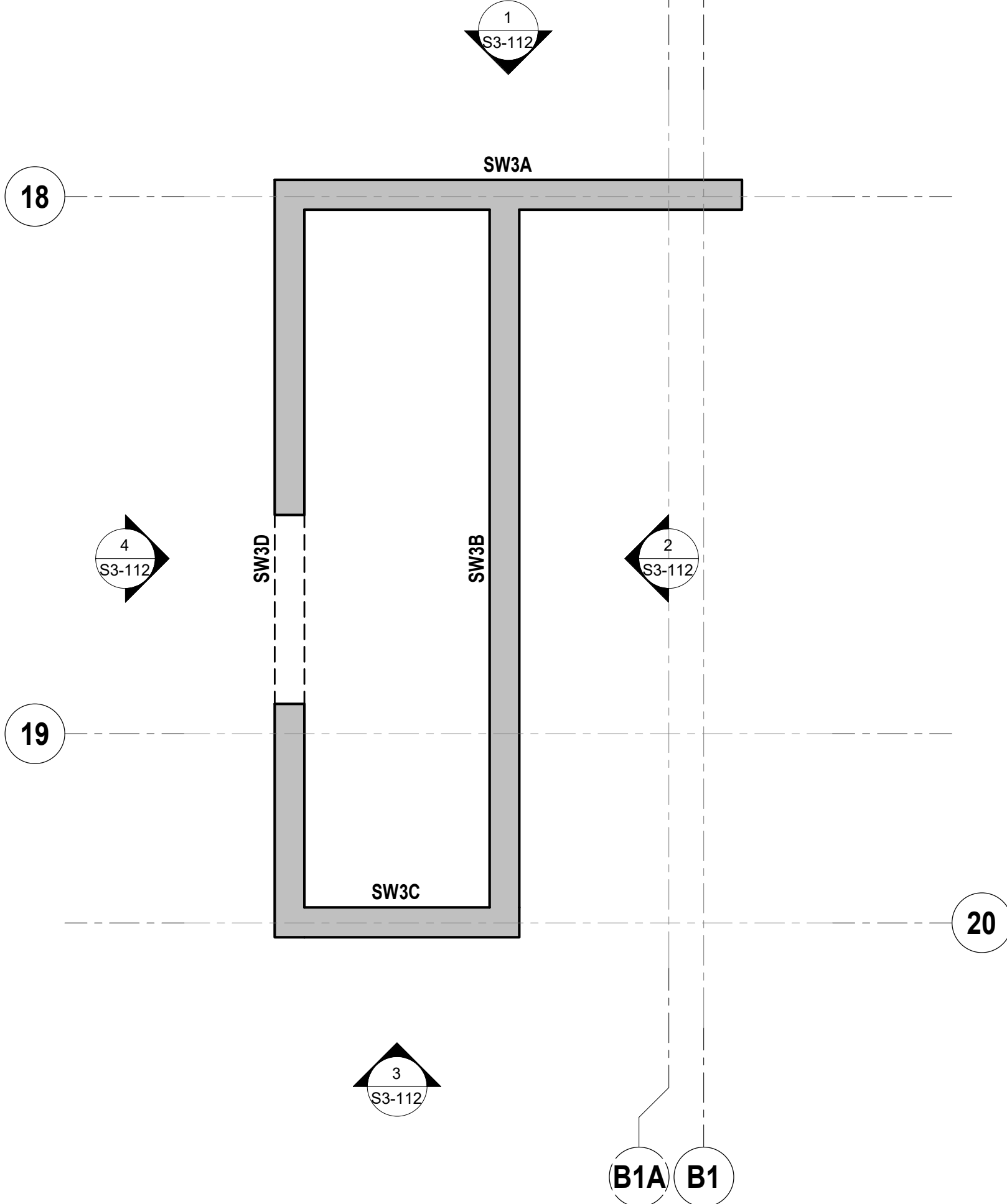
6 SW3 - FOUNDATION  
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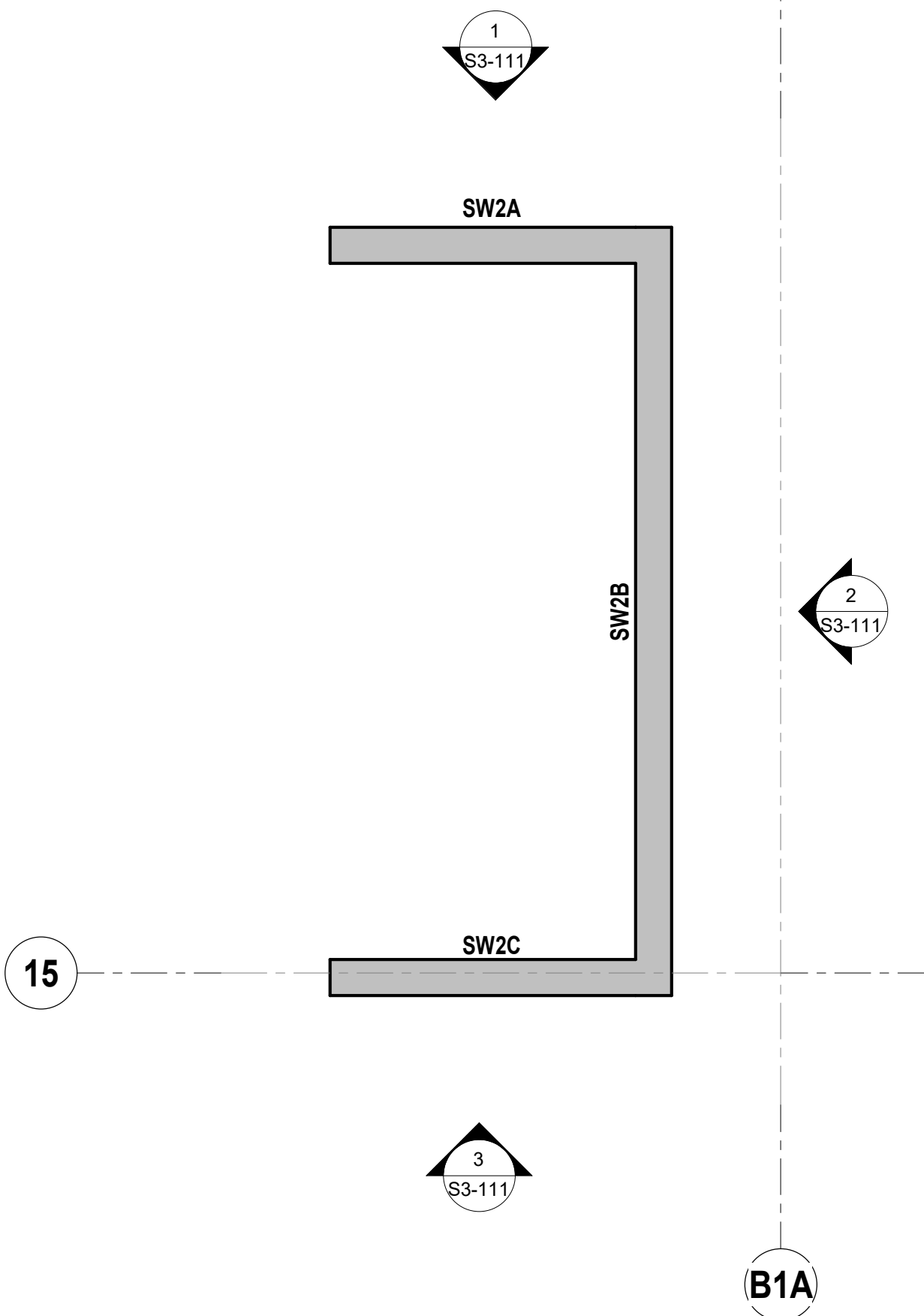
3 SW2 - LEVEL 04  
SCALE: 1/4" = 1'-0"



7 SW3 - LEVEL 01  
SCALE: 1/4" = 1'-0"



4 SW2 - LEVEL 05  
SCALE: 1/4" = 1'-0"



ARQUITECTONICA

OWNER:  
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TEL: 561.705.5353

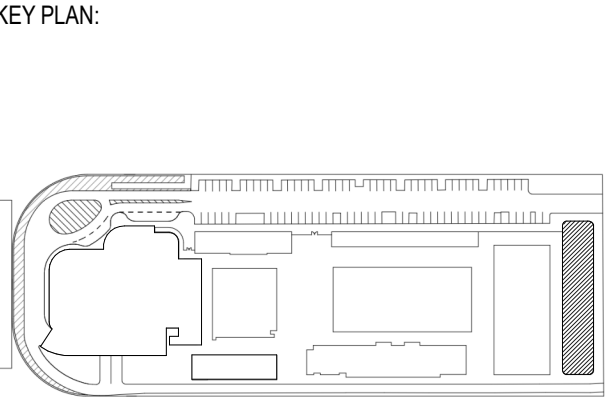
ARCHITECT:  
ARQUITECTONICA  
2800 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
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FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300 • FL CA#7519

MEP/FP ENGINEERS:  
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CIVIL ENGINEER:  
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FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

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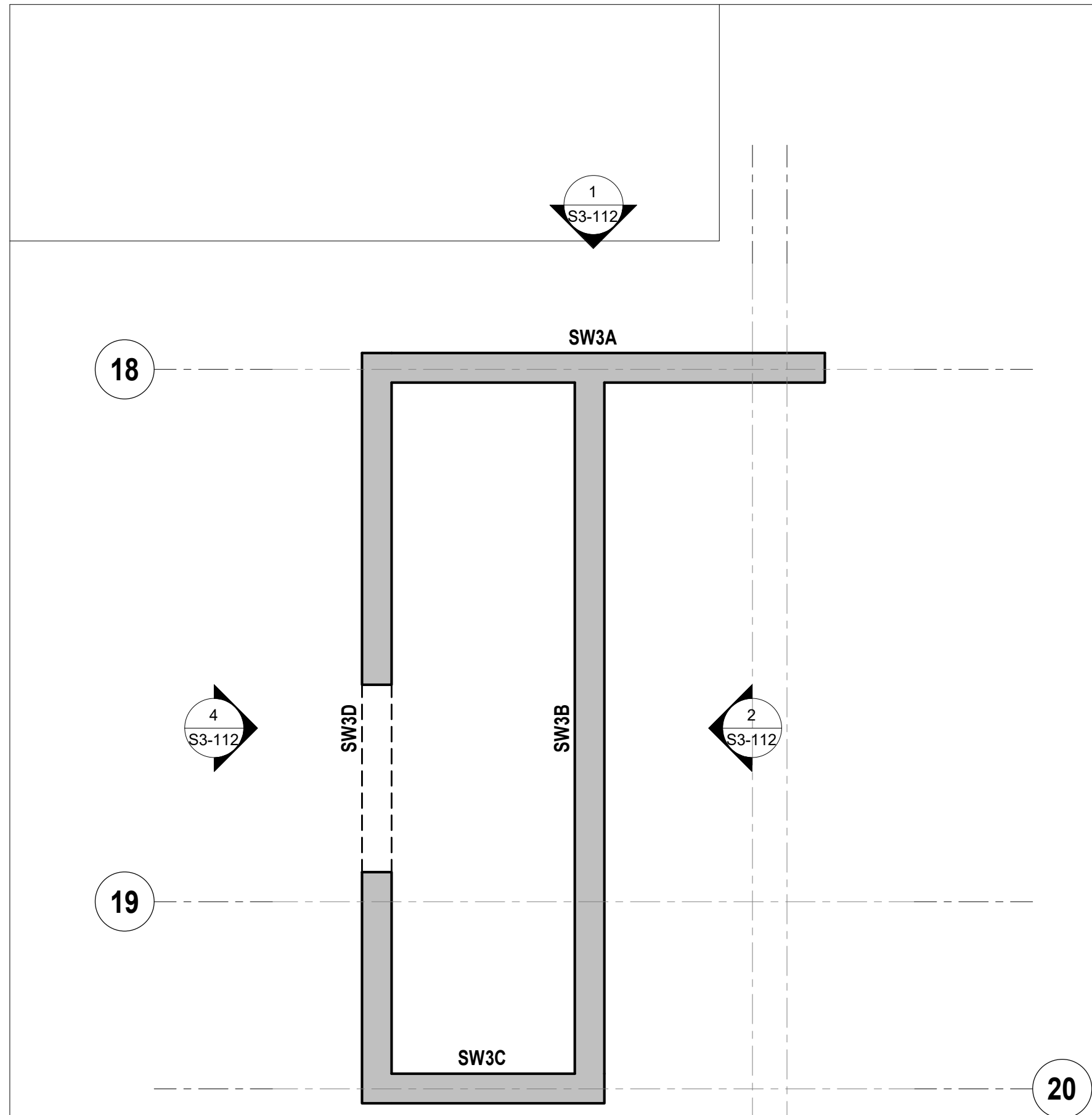
PROJECT NORTH:

DRAWING TITLE  
SHEARWALL PLANS

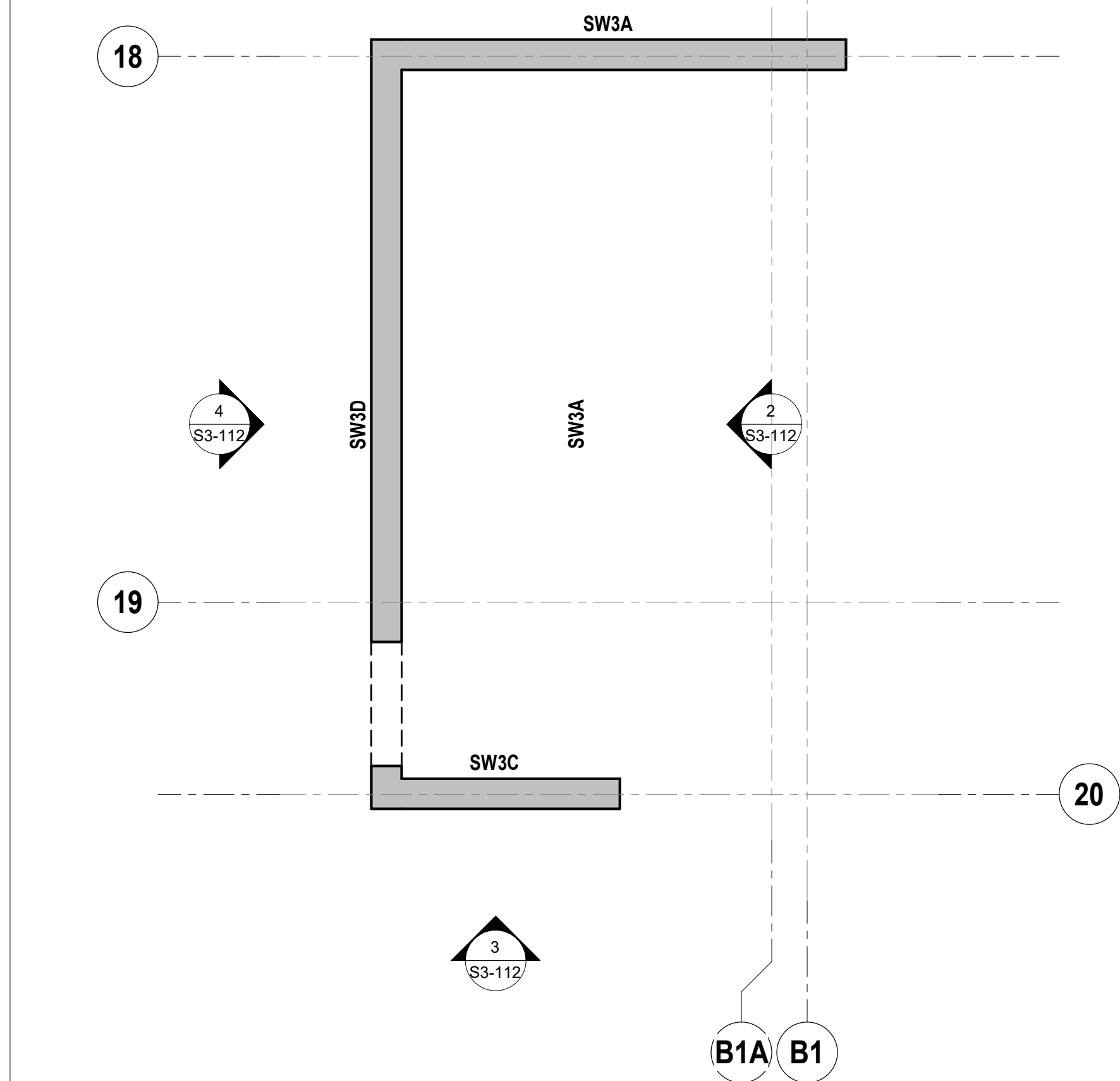
PROJECT NUMBER: 010326.000  
SCALE: 1/4" = 1'-0"  
SHEET

S3-102

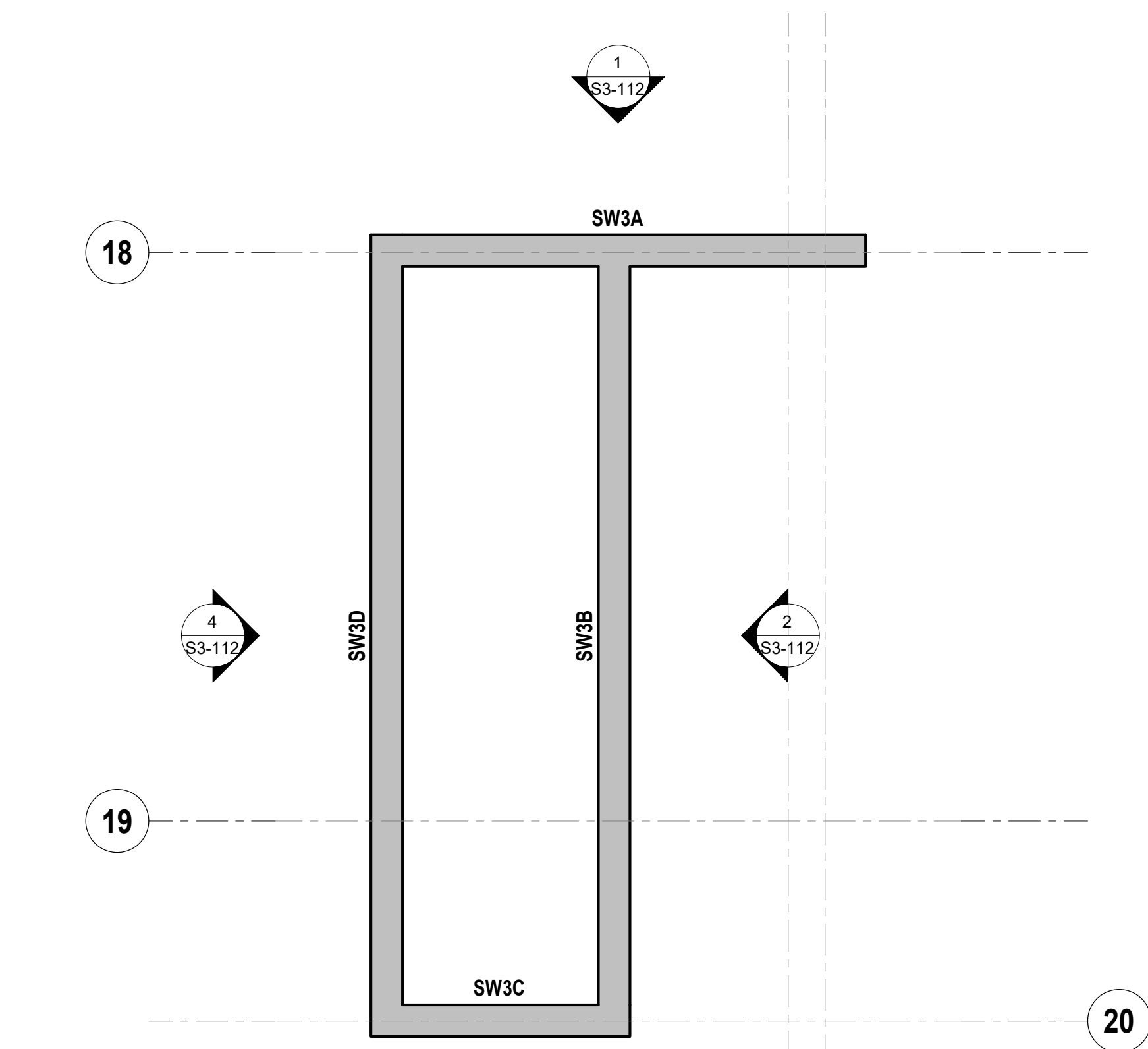




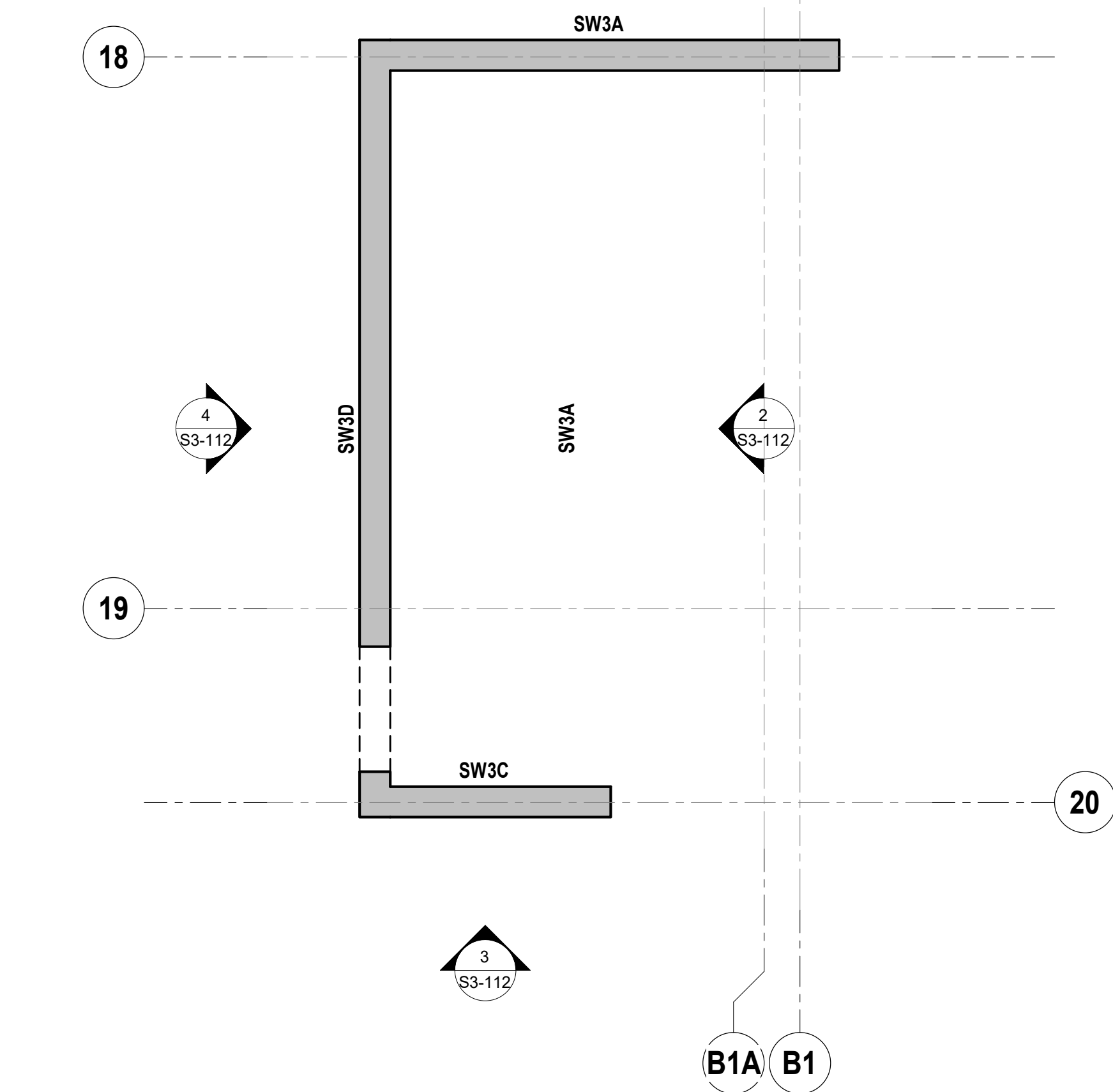
**1 SW3 - LEVEL 01 FLOWRIDER UPPER LEVEL**  
SCALE: 1/4" = 1'-0"



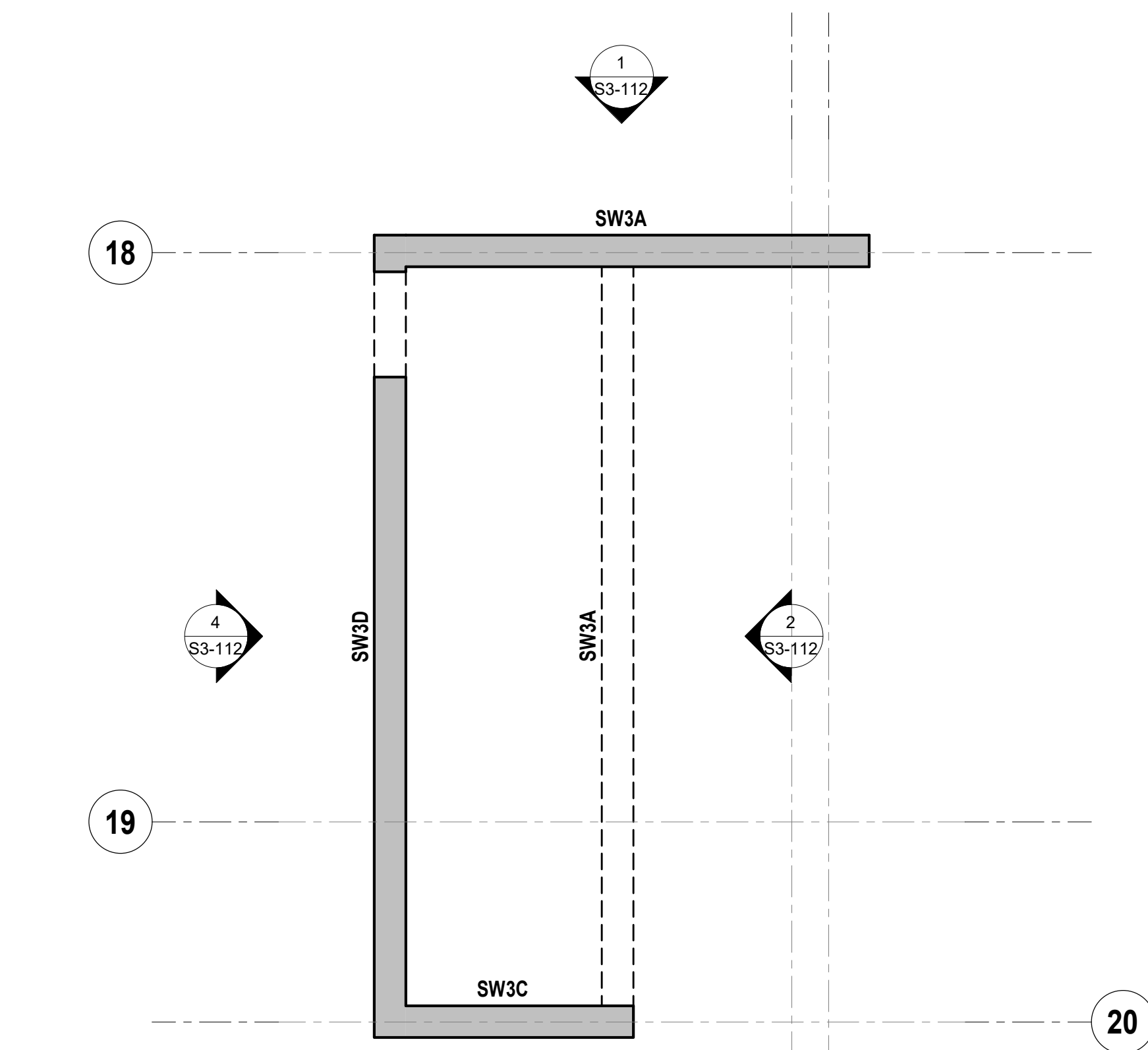
**4 SW3 - LEVEL 03**  
SCALE: 1/4" = 1'-0"



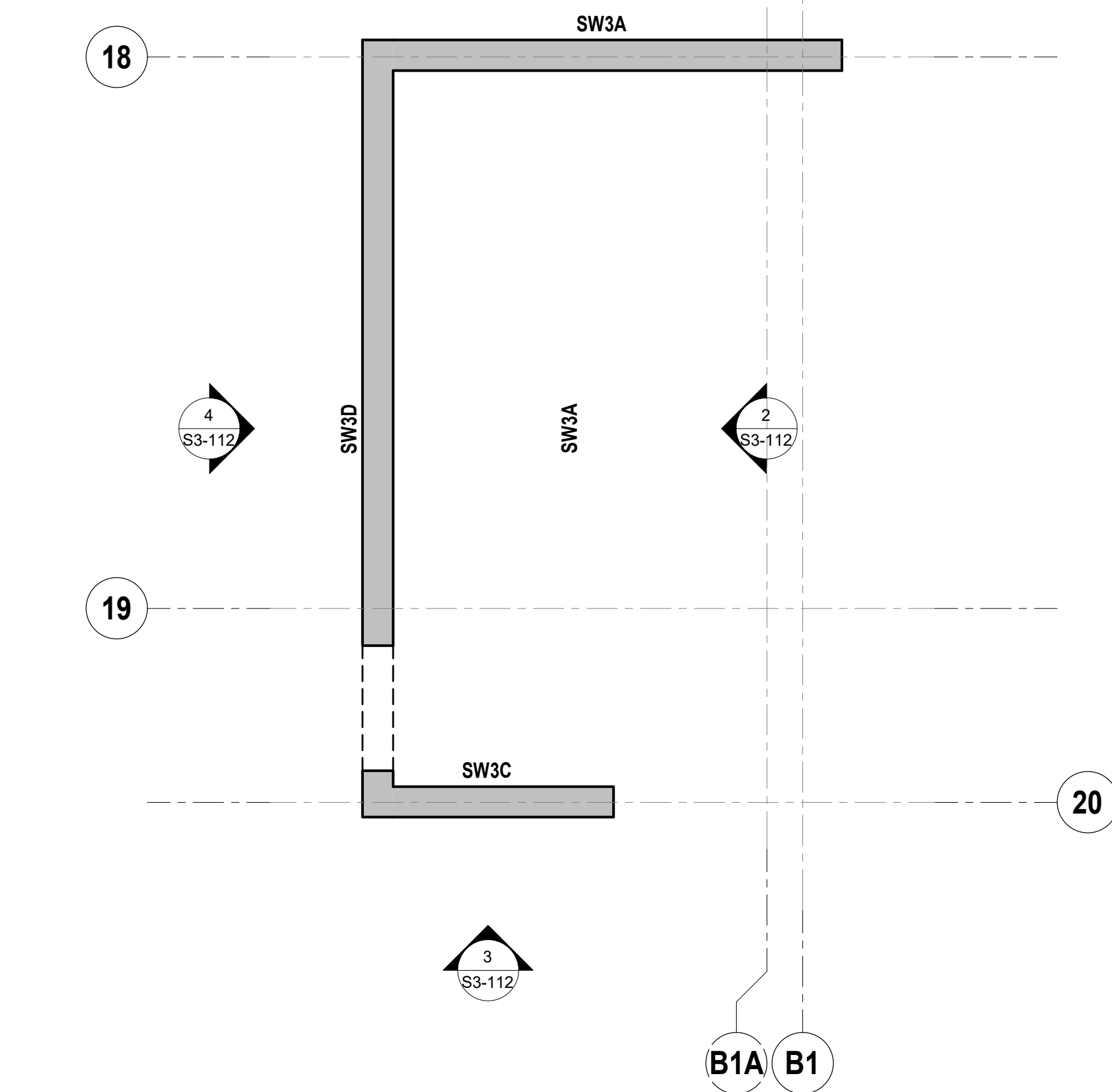
**2 SW3 - LEVEL 01 MEZZANINE LEVEL**  
SCALE: 1/4" = 1'-0"



**5 SW3 - LEVEL 04**  
SCALE: 1/4" = 1'-0"



3 SW3 - LEVEL 02  
SCALE: 1/4" = 1'-0"



**6** **SW3 - LEVEL 05**  
SCALE: 1/4" = 1'-0"

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**ARCHITECT:**  
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**STRUCTURAL ENGINEER:**  
THORNTON TOMASETTI  
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FORT LAUDERDALE, FL 33301  
TEL.954.903.9300 • FL CA#7519

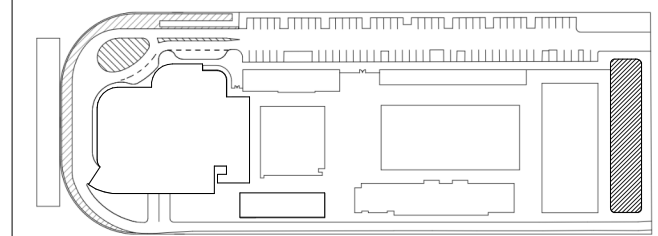
**MEP/FP ENGINEERS:**  
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL.954.949.2200

**CIVIL ENGINEER:**  
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**33316**

PROJECT  
**ISHOF**  
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KEY PLAN:




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PROJECT NORTH:

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DRAWING TITLE  
SHEARWALL PLANS

PROJECT NUMBER: 010326.00

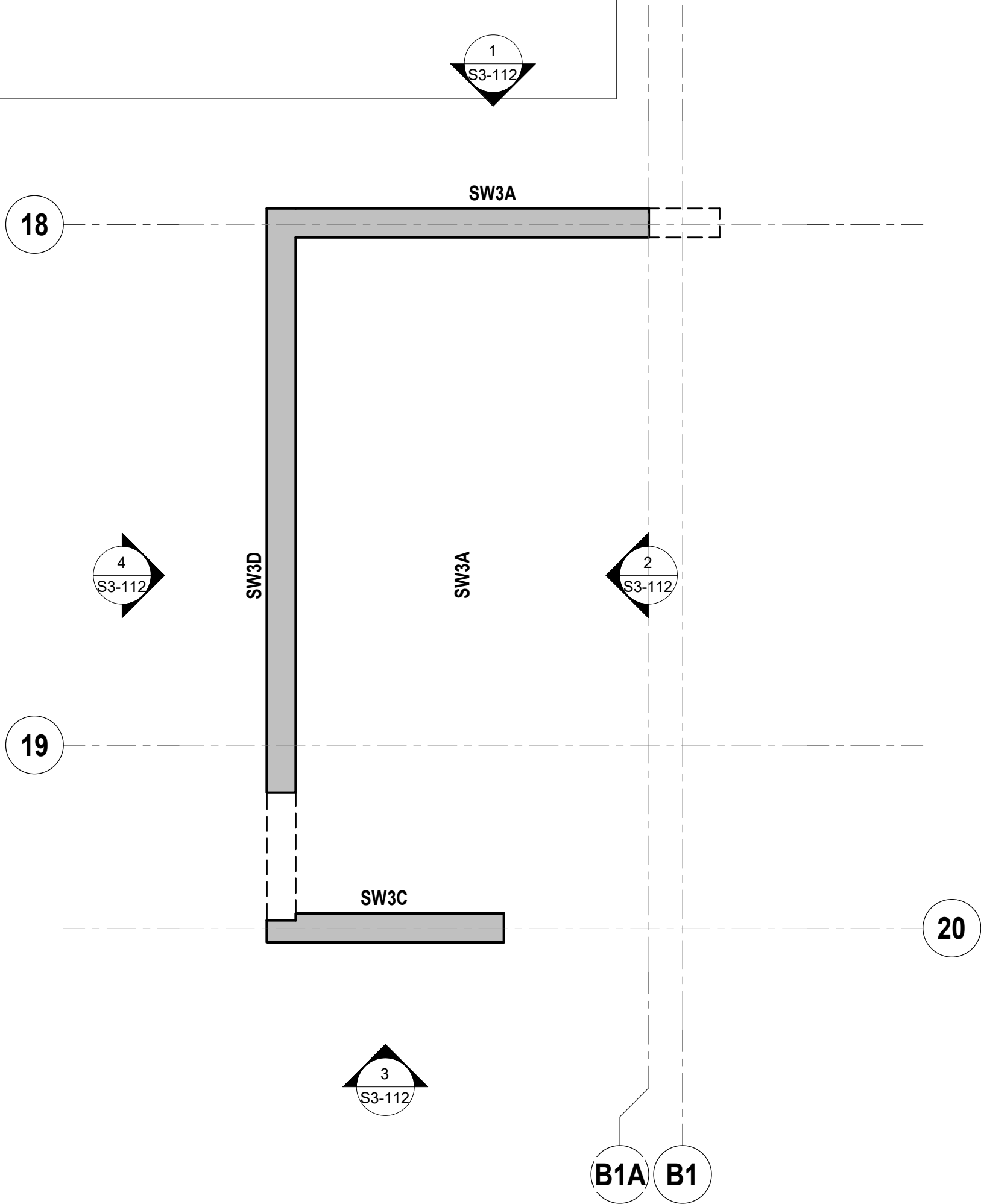
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SHEE

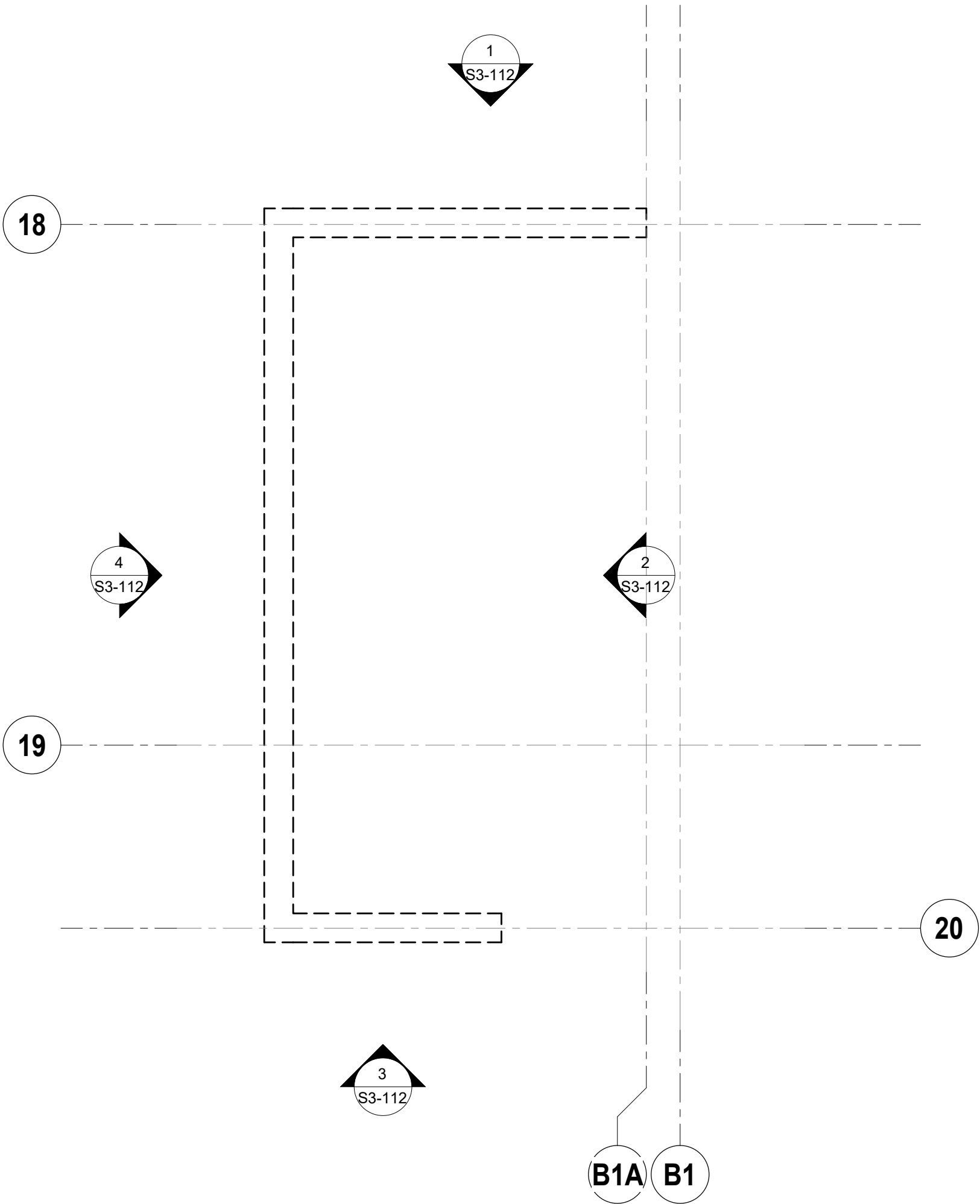
S3-103



1 SW3 - LEVEL 06  
SCALE: 1/4" = 1'-0"



2 SW3 - LEVEL 07  
SCALE: 1/4" = 1'-0"



ARQUITECTONICA

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TEL: 561.705.5353

ARCHITECT:  
ARQUITECTONICA  
2800 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

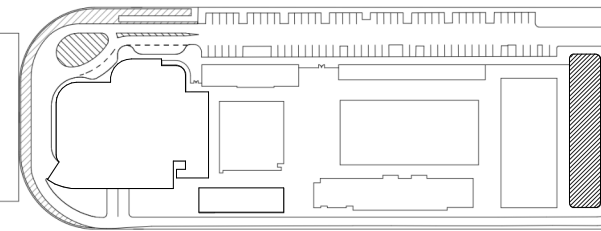
STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300 • FL CA#7519

MEP/FP ENGINEERS:  
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1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

CIVIL ENGINEER:  
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FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
ISHOF  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



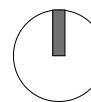
△	DESCRIPTION	DATE
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PROJECT NORTH:



DRAWING TITLE  
SHEARWALL PLANS

PROJECT NUMBER: 010326.000

SCALE: 1/4" = 1'-0"

SHEET

S3-104



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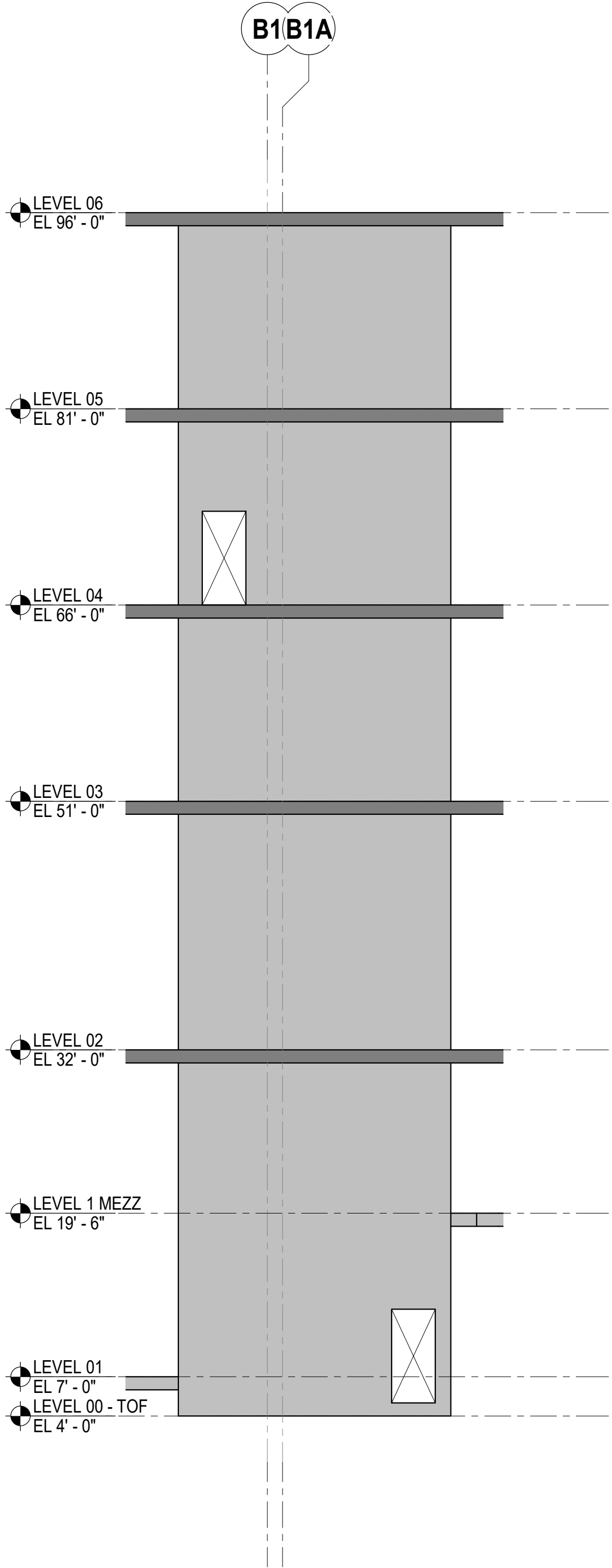
Sheet Number: S3-110

TT Project Number: K20063.00

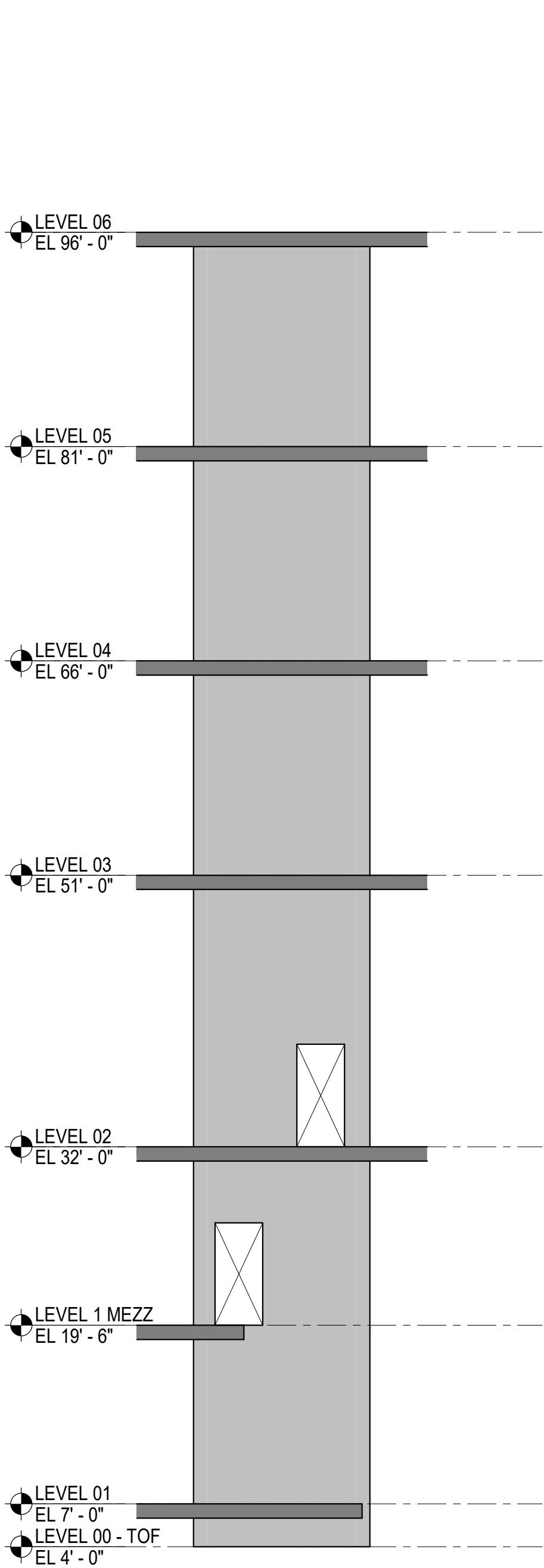
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Sheet Number: S3-110

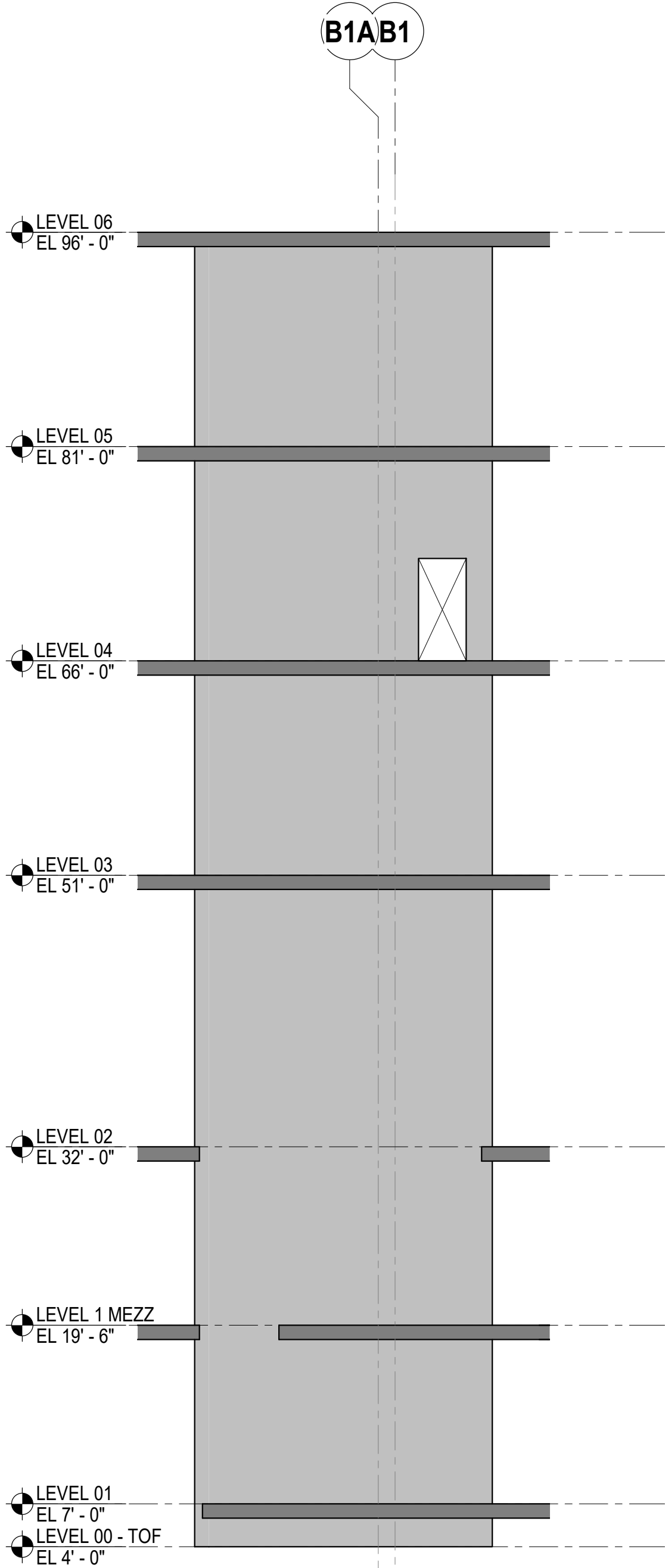
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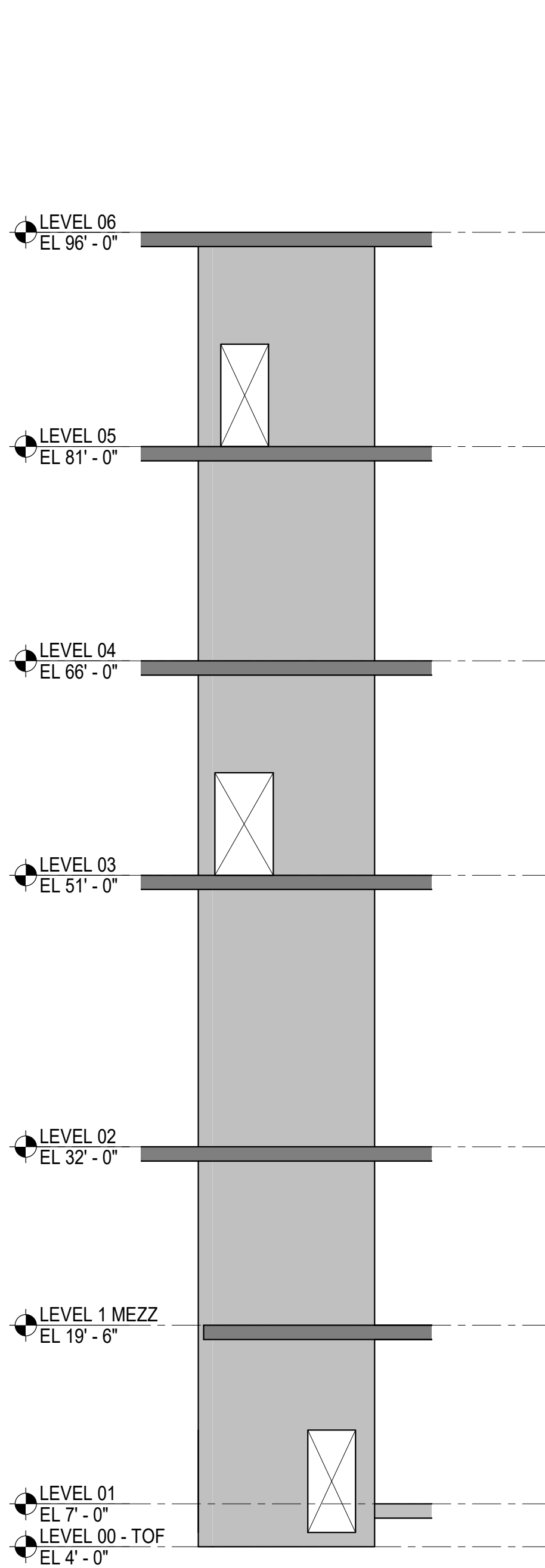
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SCALE: 1/8" = 1'-0"



3 SW1C  
SCALE: 1/8" = 1'-0"



4 SW1D  
SCALE: 1/8" = 1'-0"



ARQUITECTONICA

OWNER:

Capital Group P3  
55 NE 5th Avenue, Suite 501  
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TEL: 561.705.5353

ARCHITECT:

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TEL: 305.372.1812

STRUCTURAL ENGINEER:

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101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300 • FL CA#7519

MEP/FP ENGINEERS:

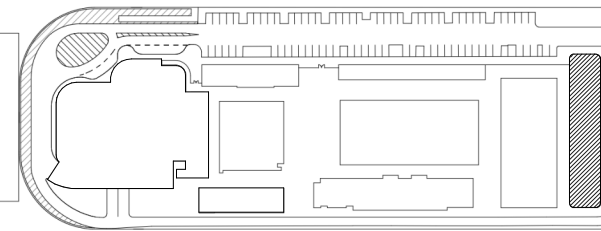
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

CIVIL ENGINEER:

KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
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PROJECT NORTH:



DRAWING TITLE  
SHEARWALL ELEVATIONS

PROJECT NUMBER: 010326.000

SCALE: 1/8" = 1'-0"

SHEET

S3-110



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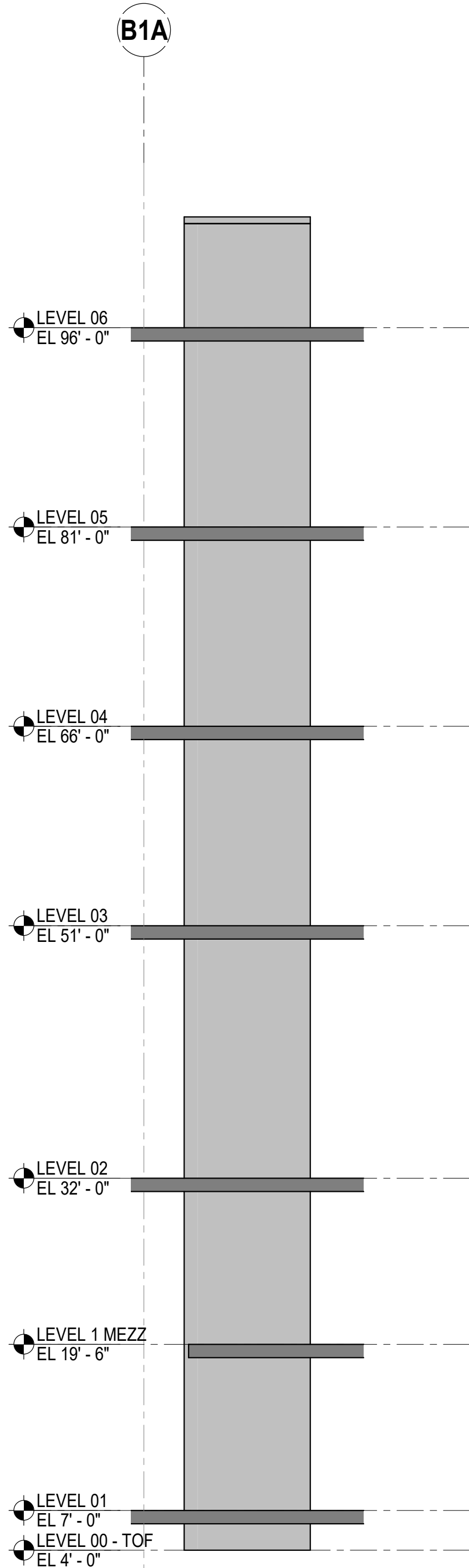
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TT Project Number: K20063.00

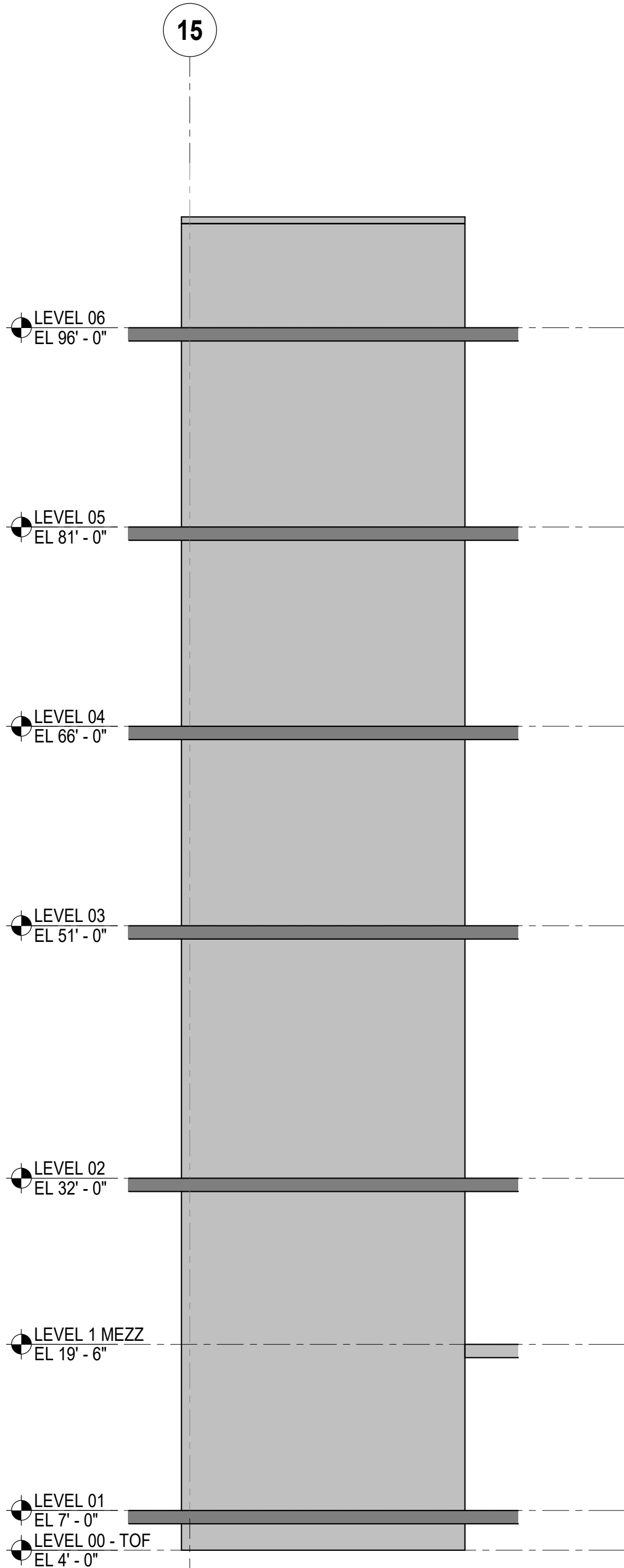
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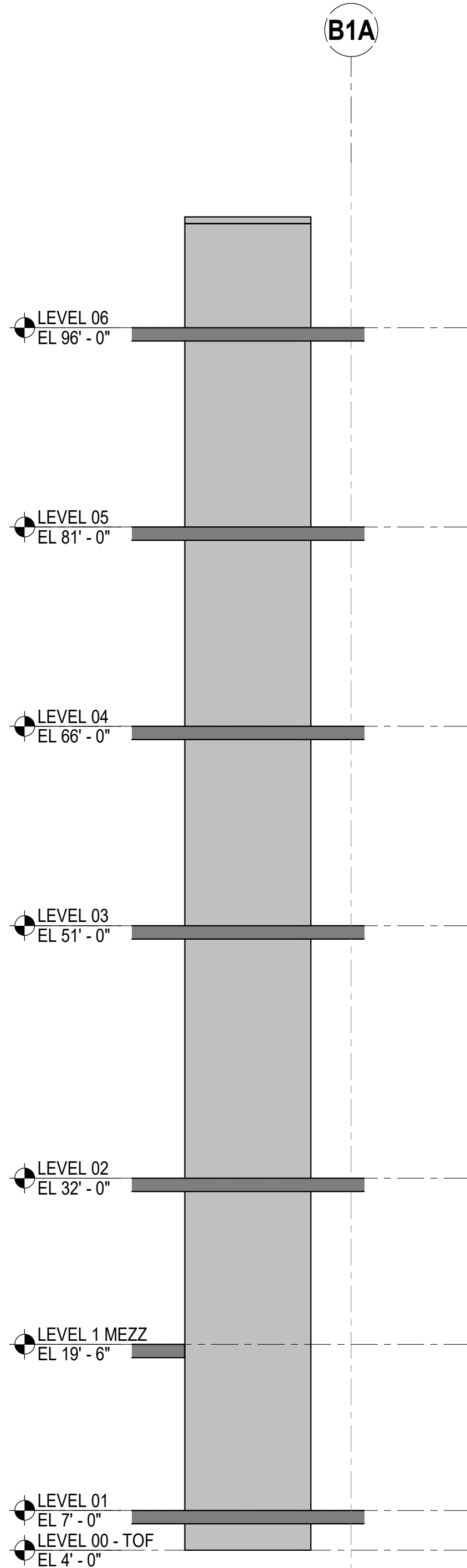
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2 SW2B  
SCALE: 1/8" = 1'-0"



3 SW2C  
SCALE: 1/8" = 1'-0"



## ARQUITECTONICA

### OWNER:

Capital Group P3  
55 NE 5th Avenue, Suite 501  
Boca Raton, FL 33432  
TEL: 561.705.5353

### ARCHITECT:

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MIAMI, FL 33133  
TEL: 305.372.1812

### STRUCTURAL ENGINEER:

THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300 • FL CA#7519

### MEP/FP ENGINEERS:

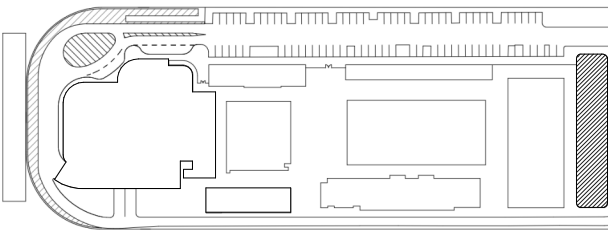
KAMM CONSULTING  
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DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

### CIVIL ENGINEER:

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TEL: 954.788.3400

PROJECT  
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### KEY PLAN:



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DRAWING TITLE  
**SHEARWALL ELEVATIONS**

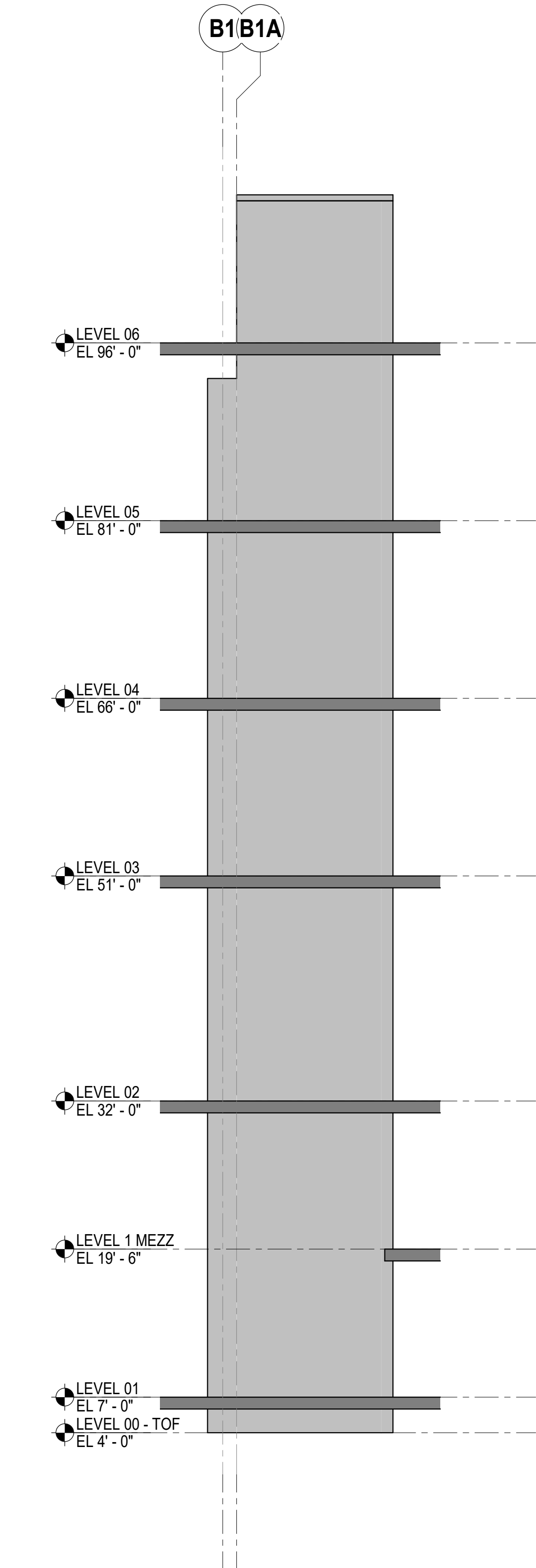
PROJECT NUMBER: 010326.000

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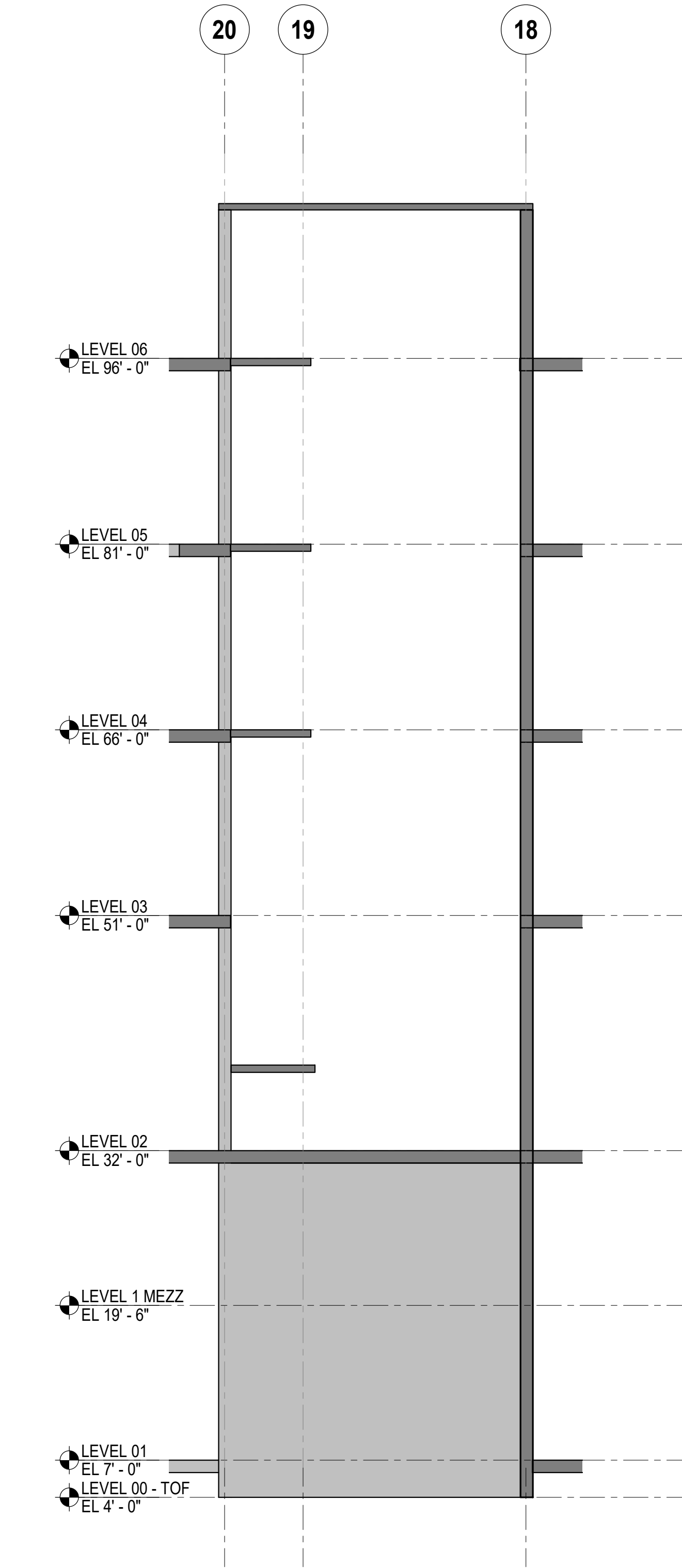
SHEET

**S3-111**

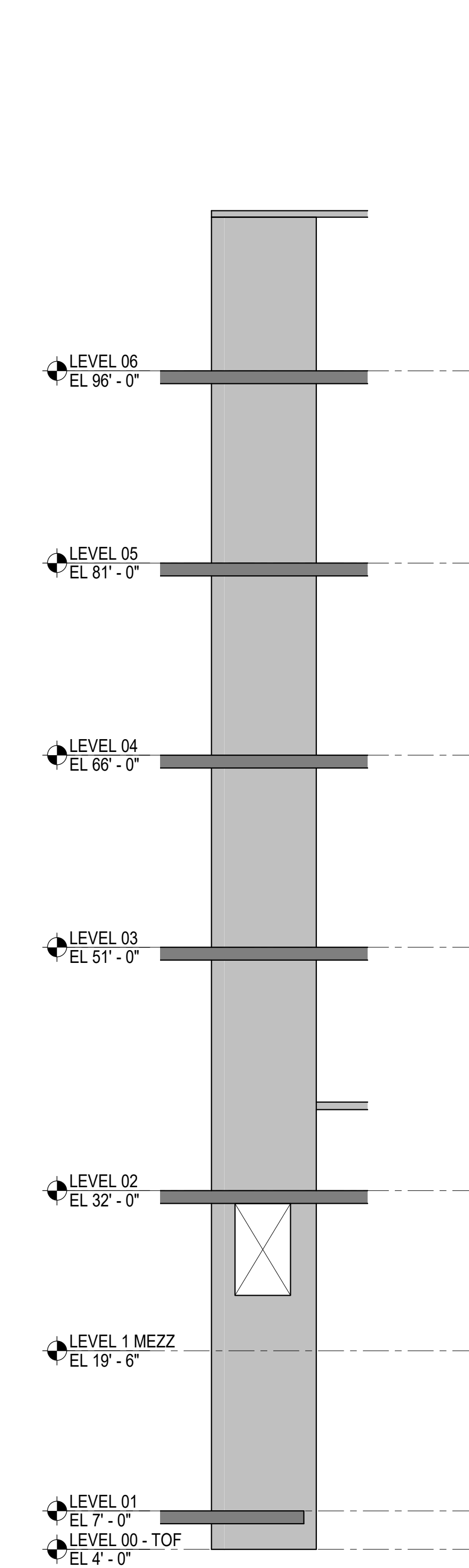




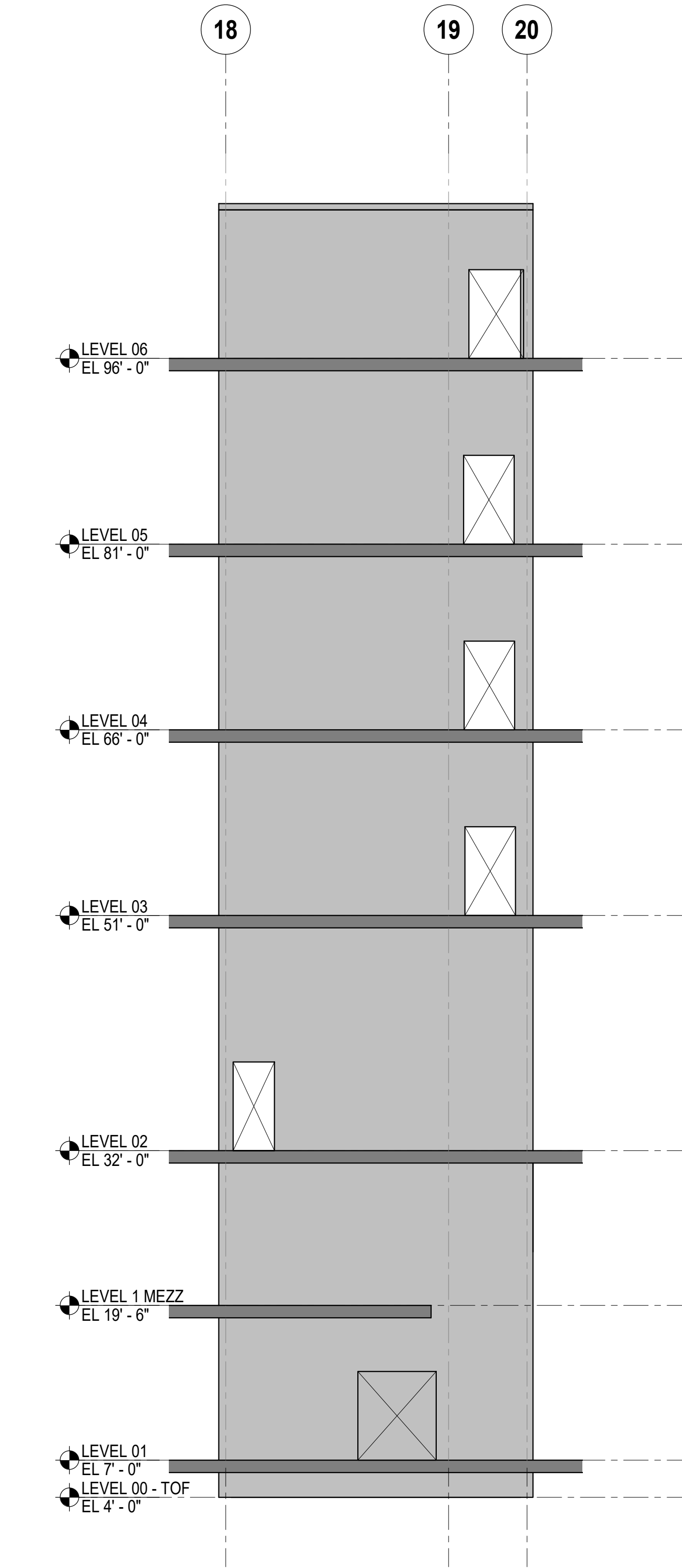
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2 SW3B  
SCALE: 1/8" = 1'-0"



3 SW3C  
SCALE: 1/8" = 1'-0"



4 SW3D  
SCALE: 1/8" = 1'-0"

## ARQUITECTONICA

### OWNER:

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### ARCHITECT:

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TEL: 305.372.1812

### STRUCTURAL ENGINEER:

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101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300 • FL CA#7519

### MEP/FP ENGINEERS:

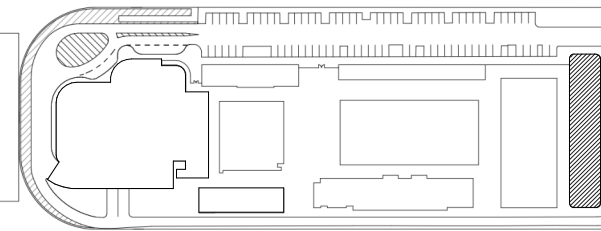
KAMM CONSULTING  
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TEL: 954.949.2200

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PROJECT  
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### KEY PLAN:



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### PROJECT NORTH:



DRAWING TITLE  
**SHEARWALL ELEVATIONS**

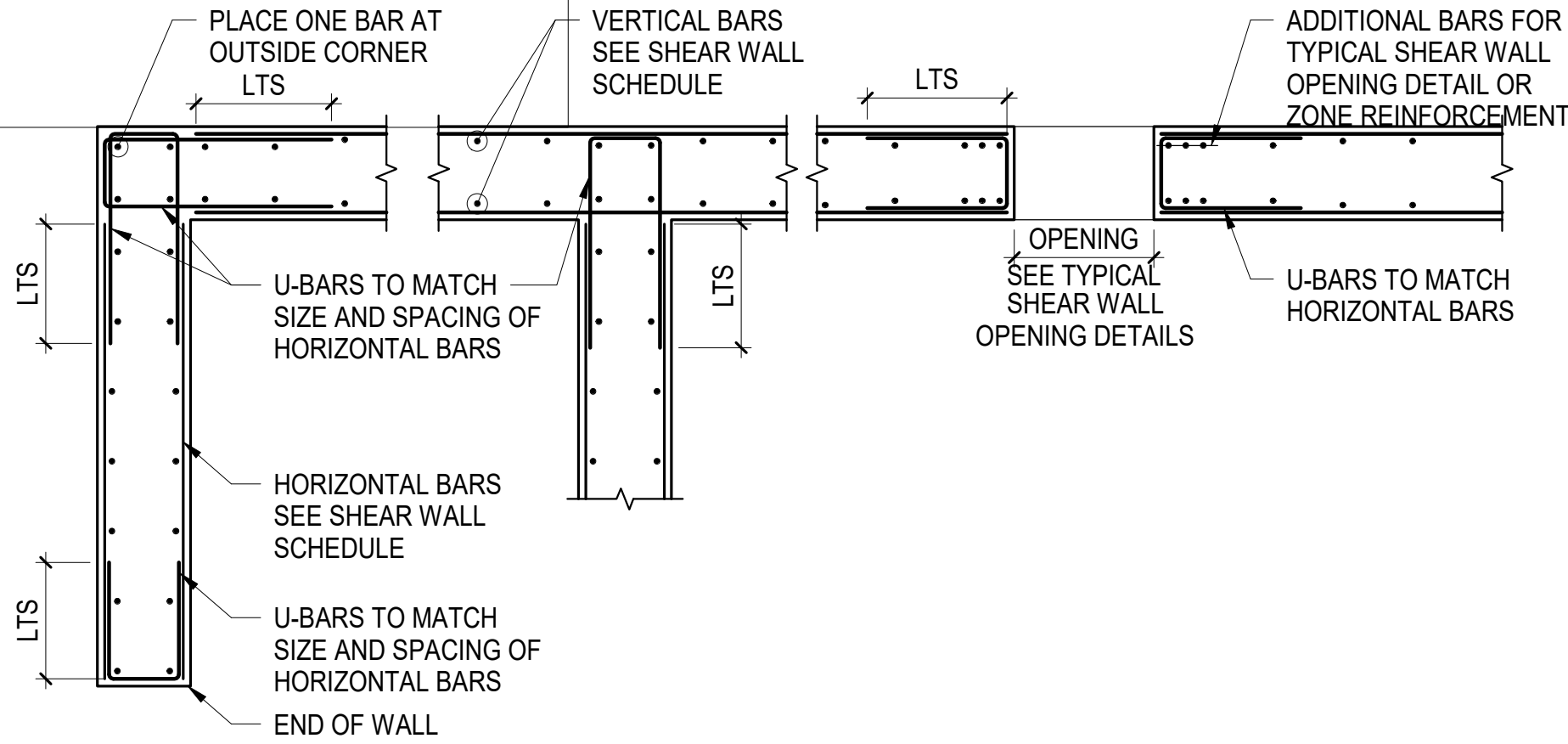
PROJECT NUMBER: 010326.000

SCALE: 1/8" = 1'-0"

SHEET

**S3-112**

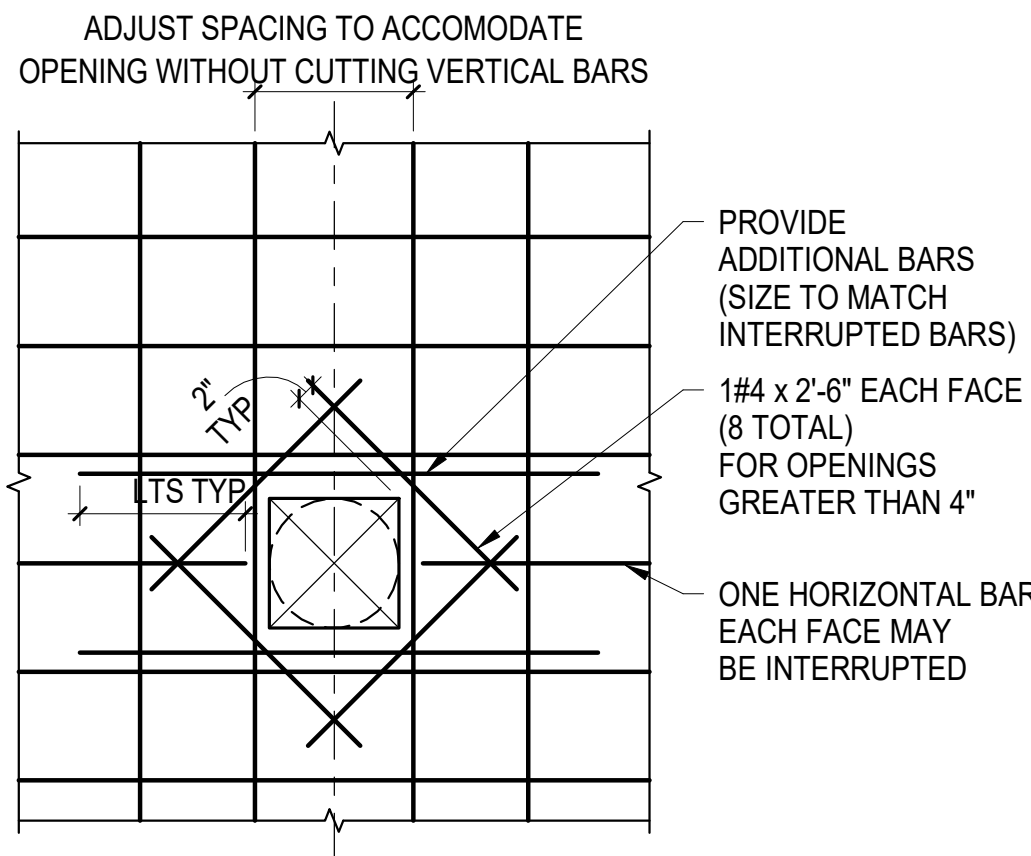




NOTES:

1. WHERE SHEAR WALL ZONE IS DENOTED AS "TIED" SEE TIED SHEAR WALL ZONES DETAIL

1 TYPICAL SHEAR WALL REINFORCEMENT ARRANGEMENT - PLAN  
NOT TO SCALE

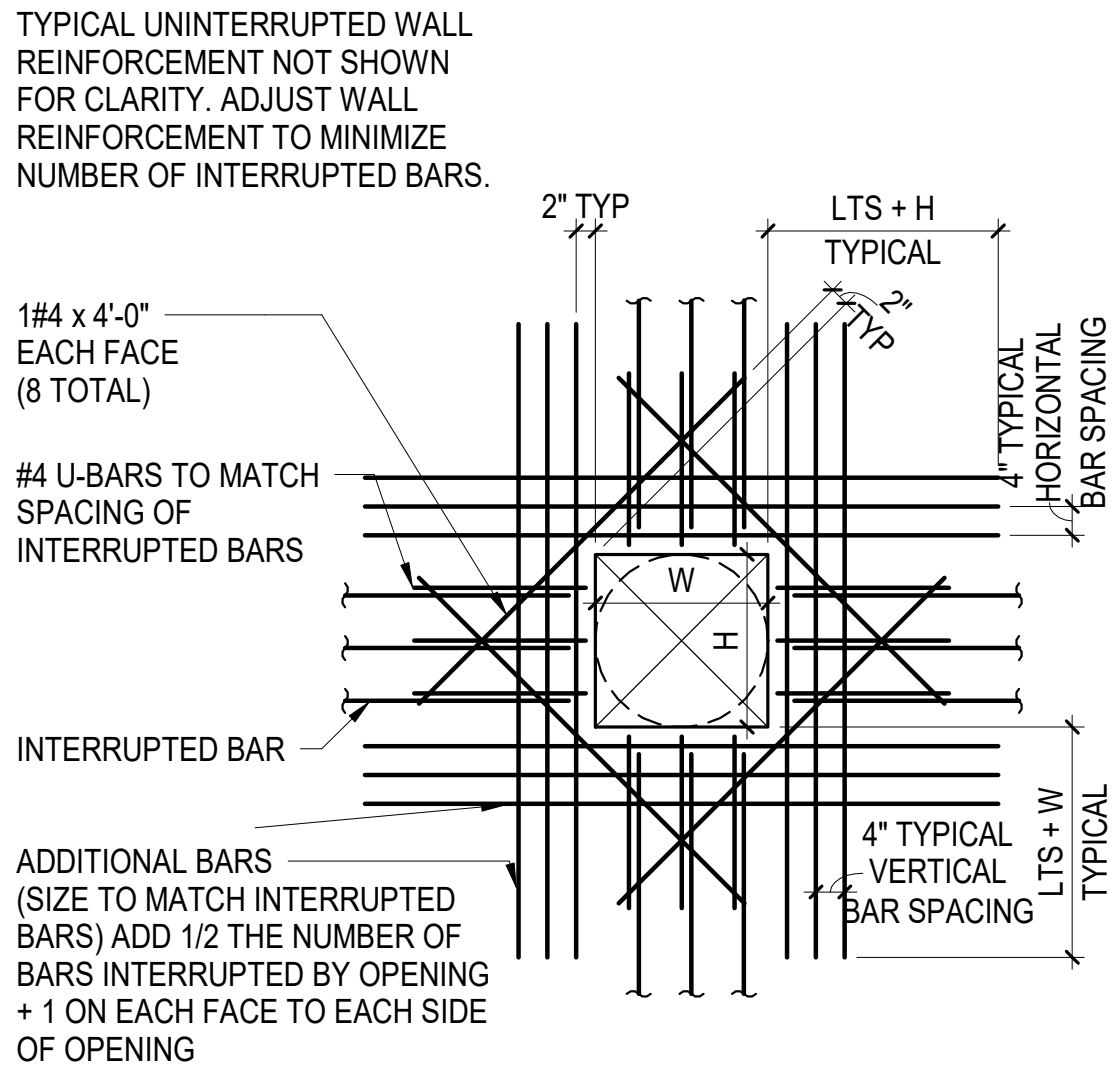


A OPENING LESS THAN 10"

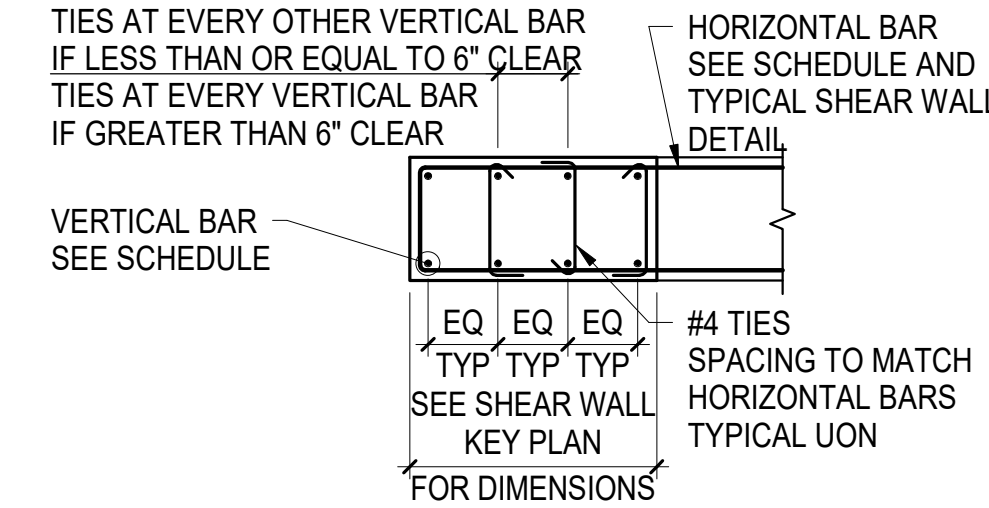
NOTES:

1. SHEAR WALL PENETRATIONS ARE SHOWN ON THE SHEAR WALL ELEVATIONS. ADDITIONAL PENETRATIONS ARE NOT ALLOWED UNLESS APPROVED IN WRITING BY THE SER.
2. FOR OPENINGS NOT SHOWN ON STRUCTURAL DRAWINGS, CONTRACTOR TO SUBMIT LOCATIONS AND SPACING TO SER FOR WRITTEN APPROVAL.

5 TYPICAL SHEAR WALL OPENING DETAILS  
NOT TO SCALE



B OPENING 10" TO 30"

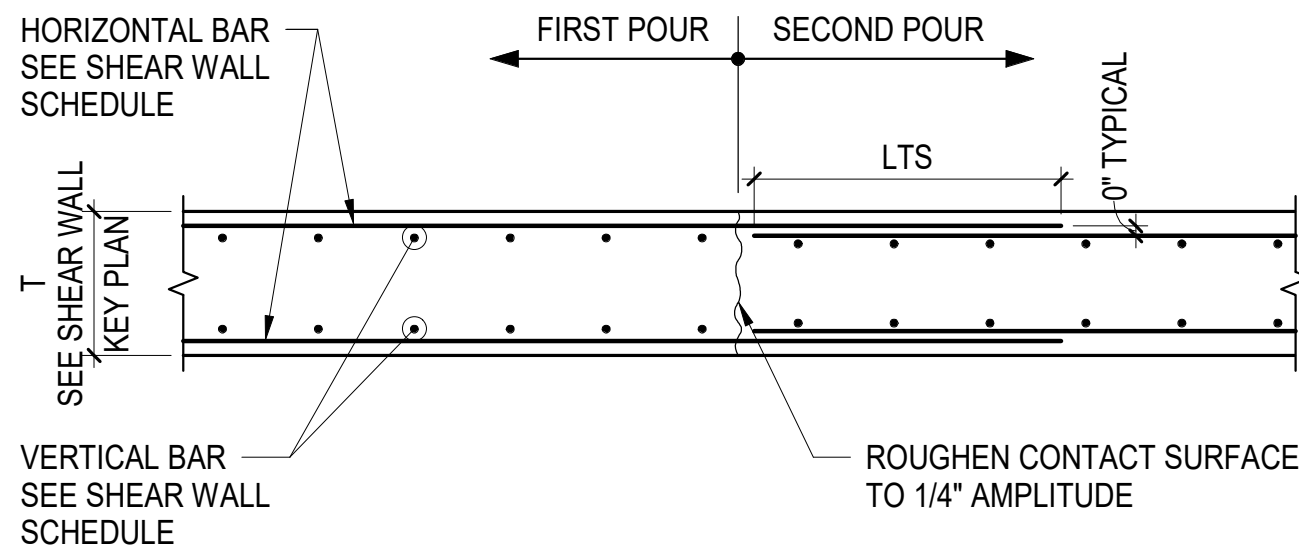


A END OF WALL

NOTES:

1. FOR INFORMATION NOT SHOWN, SEE END OF WALL DETAIL.
2. TIES WITH 135 AND 90 DEGREE HOOKS TO ALTERNATE IN PLAN AND IN ELEVATION.

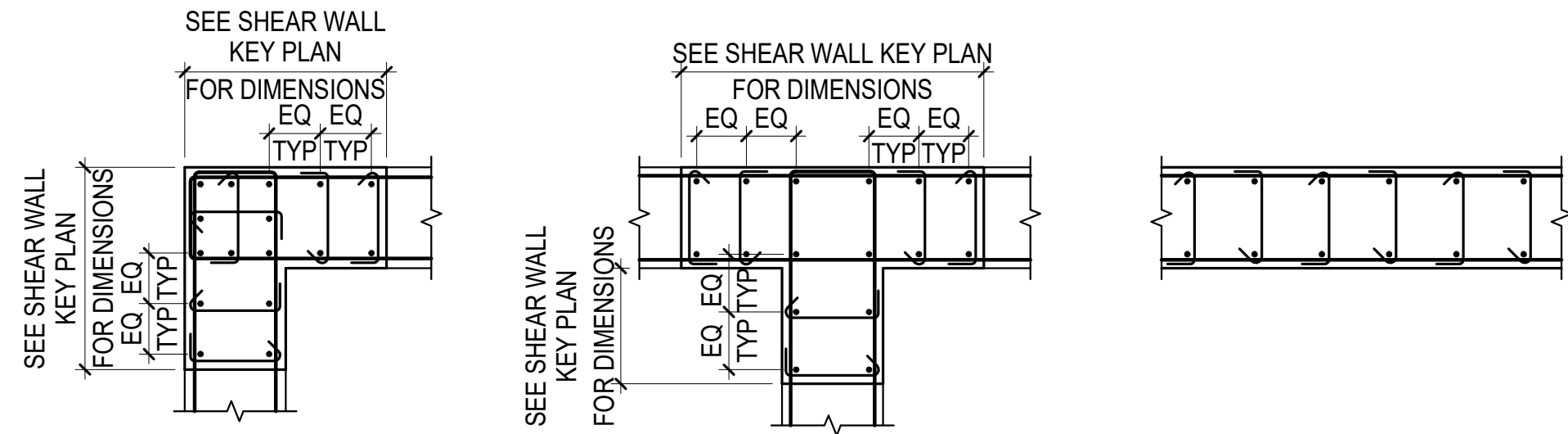
2 TIED SHEAR WALL ZONES  
NOT TO SCALE



NOTES:

1. VERTICAL CONSTRUCTION JOINTS AS INDICATED ON PLAN OR GENERAL NOTES. ADDITIONAL JOINTS ARE NOT ALLOWED UNLESS APPROVED IN WRITING BY SER.

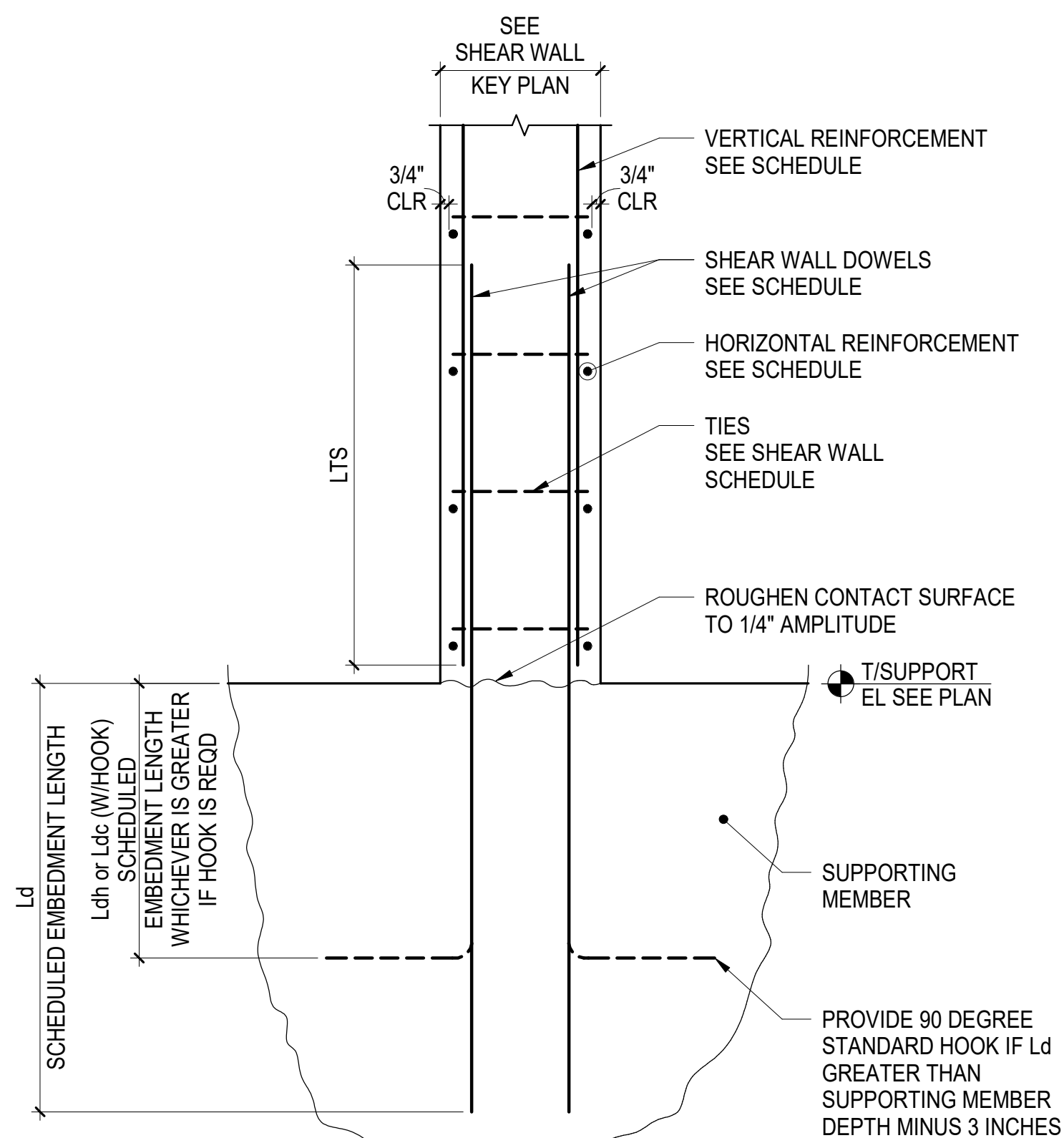
7 TYPICAL SHEAR WALL CONSTRUCTION JOINT  
NOT TO SCALE



B CORNER INTERSECTION

C T-INTERSECTION

D TYPICAL WALL



8 TYPICAL BOTTOM OF SHEAR WALL  
NOT TO SCALE

ARQUITECTONICA

**OWNER:**  
Capital Group P3  
55 NE 5th Avenue, Suite 501  
Boca Raton, FL 33432  
TEL: 561.705.5353

**ARCHITECT:**  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

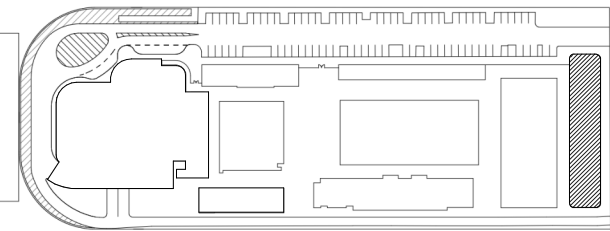
**STRUCTURAL ENGINEER:**  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300 • FL CA#7519

**MEP/FP ENGINEERS:**  
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

**CIVIL ENGINEER:**  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



DESCRIPTION DATE

NOT FOR CONSTRUCTION

SEAL & SIGNATURE

TO THE BEST OF THE STRUCTURAL ENGINEERS KNOWLEDGE THE PLANS, DETAILS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE BUILDING CODES

PROJECT NORTH:



DRAWING TITLE

TYPICAL CONCRETE SHEAR WALL  
DETAILS

PROJECT NUMBER: 010326.000

DATE: 04/01/2016

SCALE: As indicated

SHEET

S3-300



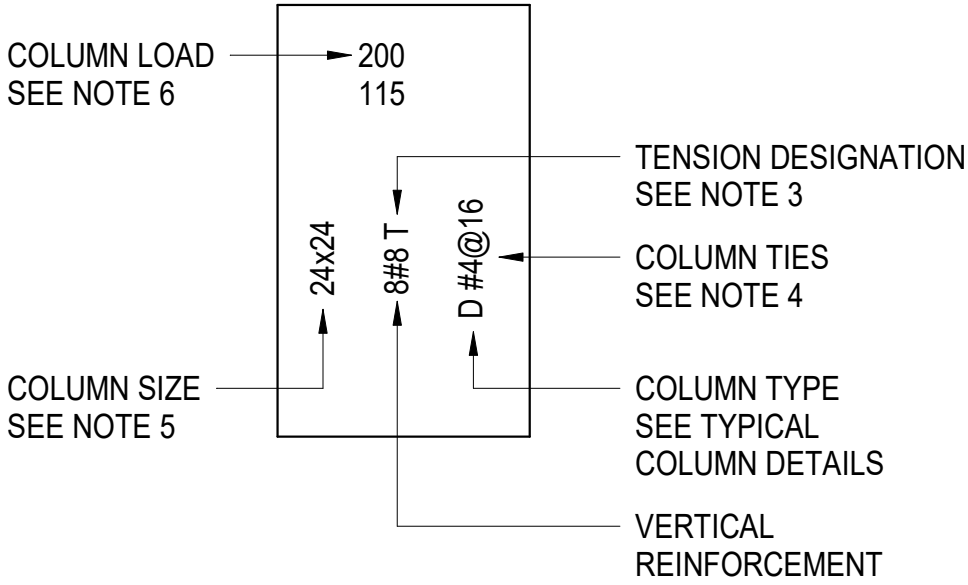




NOTES:

1. FOR TOP OF STRUCTURAL SLAB ELEVATIONS SEE PLANS
2. PROVIDE COMPRESSION LAP SPLICE AT ALL VERTICAL BARS UNLESS OTHERWISE NOTED  
SEE COLUMN LAP SPLICE SCHEDULE FOR SPLICE LENGTH
3. AT COLUMNS DESIGNATED AS TENSION (T) PROVIDE TENSION LAP SPLICE AT ALL VERTICAL BARS  
SEE COLUMN LAP SPLICE LENGTH SCHEDULE FOR SPLICE LENGTH
4. PROVIDE #4@12" TIES UNLESS OTHERWISE NOTED  
TIE SPACING IS NOT TO EXCEED LEAST COLUMN DIMENSION OR 16 VERTICAL BAR DIAMETERS
5. COLUMN SIZES SHOWN ARE PLAN DIMENSIONS IN INCHES  
FOR COLUMN ORIENTATION SEE PLAN
6. COLUMN LOADS SHOWN ON SCHEDULE ARE AS FOLLOWS:  
  
XXX = SERVICE AXIAL DEAD LOAD IN KIPS x 1.2  
XXX = SERVICE AXIAL LIVE LOAD IN KIPS x 1.6
7. WHERE SCHEDULED INFORMATION IS NOT SHOWN SEE FLOOR BELOW

COLUMN LEGEND:

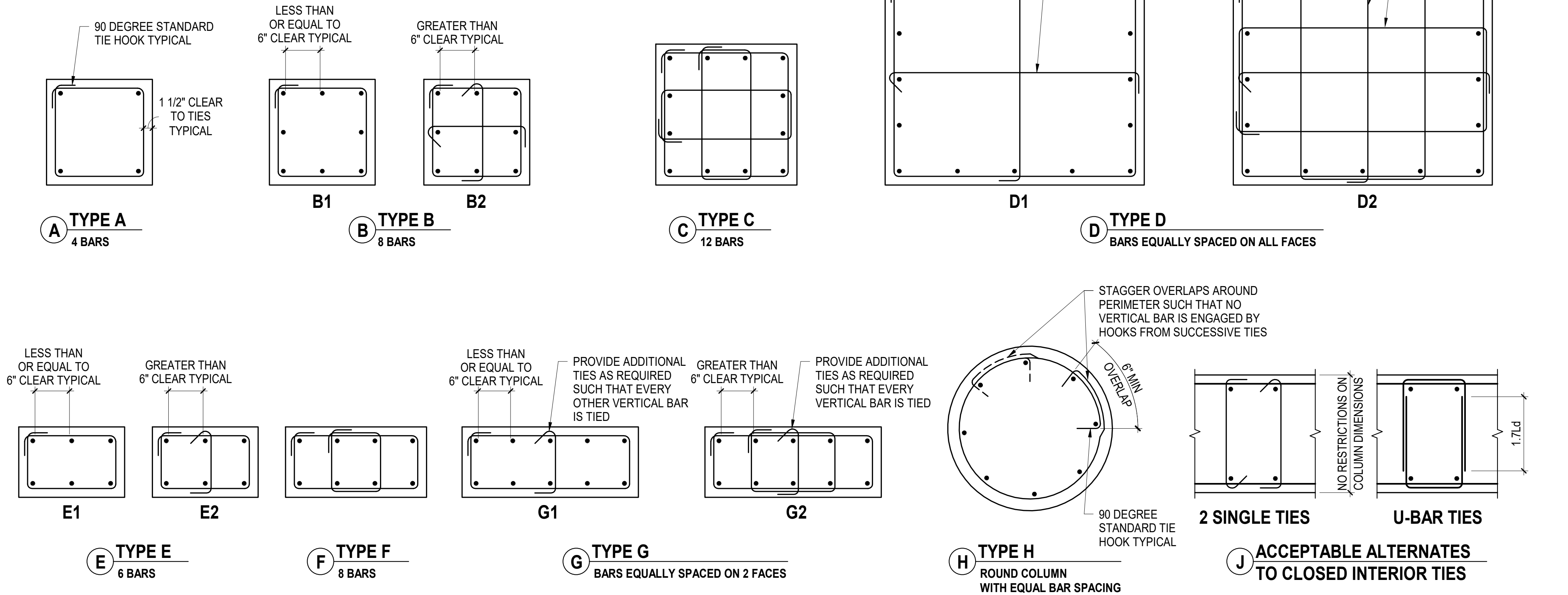


CONCRETE COLUMN NOTES AND LEGEND

CONCRETE COLUMN SCHEDULE

CONCRETE STRENGTH	COLUMN MARK		8000 PSI																COLUMN MARK																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
	FLOOR		ROOF	6th FLOOR	5th FLOOR	4th FLOOR	3rd FLOOR	2nd FLOOR	1st FLOOR	DOWELS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															

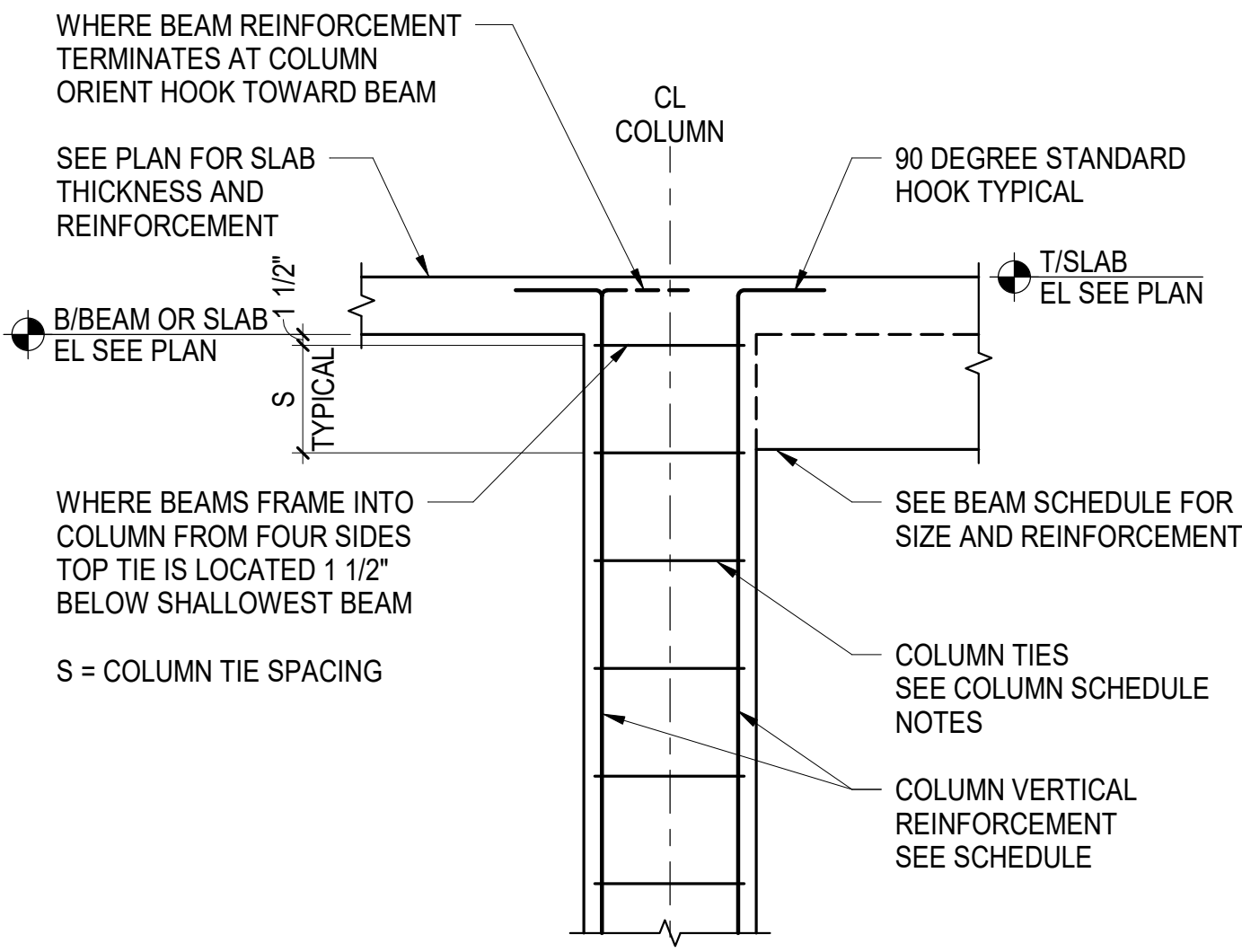




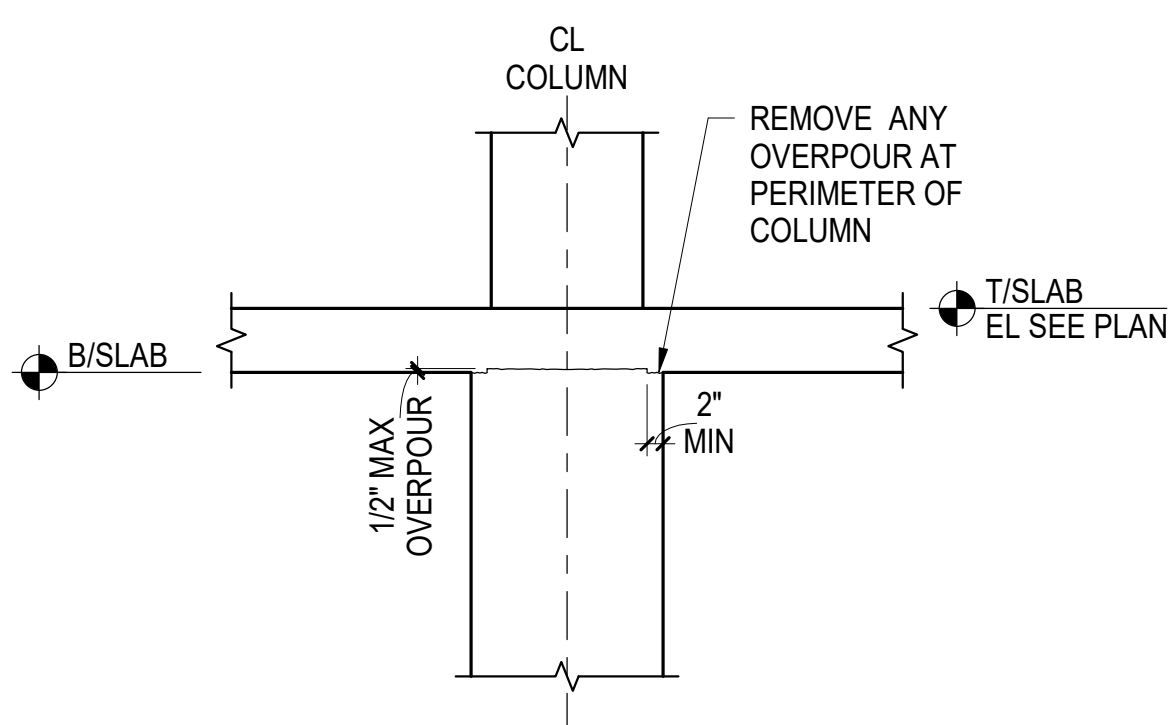
NOTES:

- FOR ALL TYPES STAGGER ALL TIE HOOKS
- FOR TYPE **D** TOTAL NUMBER OF BARS SHOULD BE SPACED AROUND PERIMETER IN SUCH A WAY AS TO ACHIEVE APPROXIMATELY EQUAL SPACING
- FOR TYPE **G** TOTAL NUMBER OF BARS SHOULD BE SPACED AROUND PERIMETER IN SUCH A WAY AS TO ACHIEVE EQUAL SPACING ON THE TWO LONG SIDES

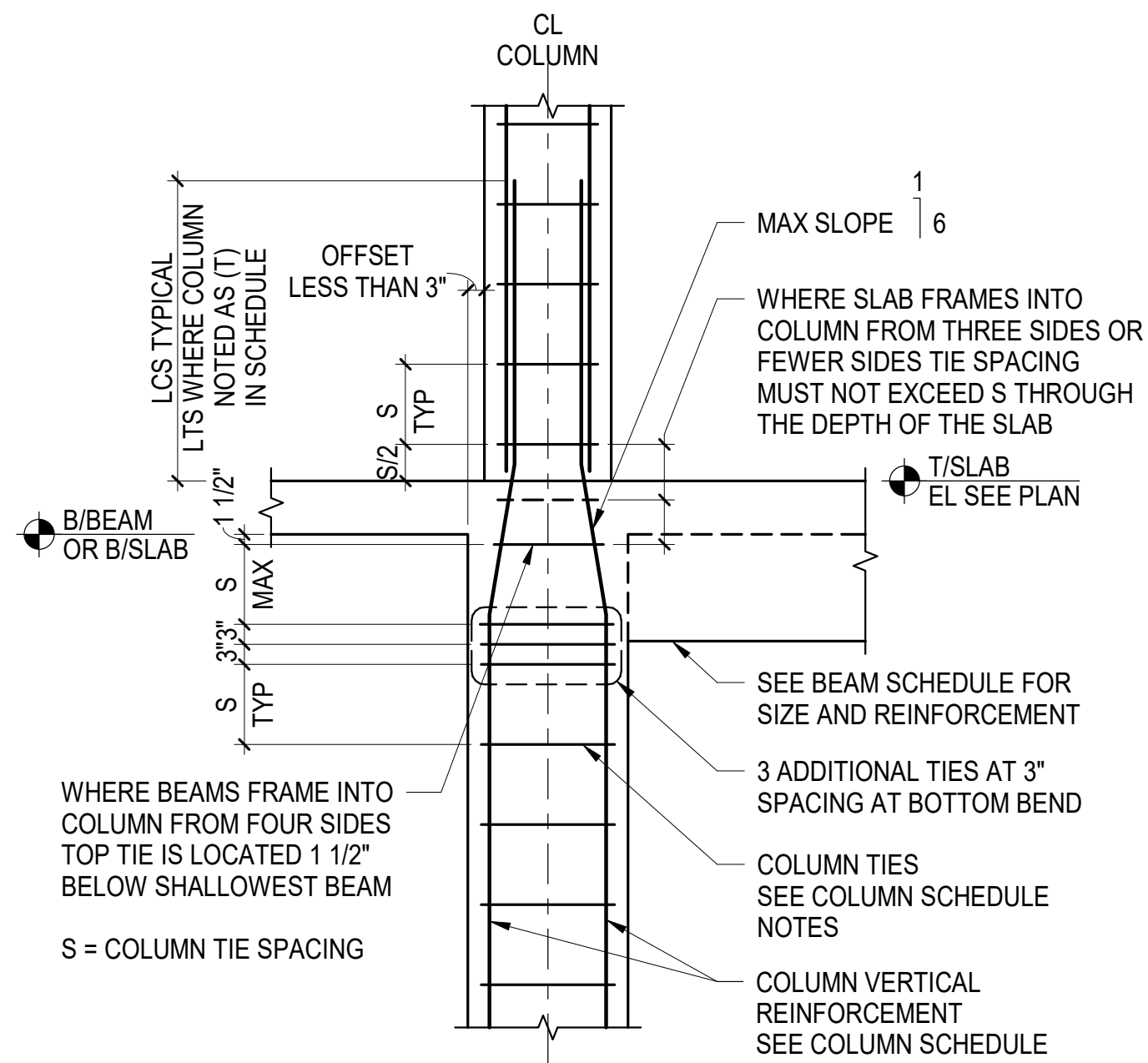
**1 COLUMN TYPES - BAR ARRANGEMENT**  
NOT TO SCALE



**5 TYPICAL TOP OF COLUMN**  
NOT TO SCALE



**6 TYPICAL COLUMN OVERPOUR TOLERANCE**  
NOT TO SCALE



**7 TYPICAL COLUMN OFFSET LESS THAN 3"**  
NOT TO SCALE

**ARQUITECTONICA**

**OWNER:**  
Capital Group P3  
55 NE 5th Avenue, Suite 501  
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**ARCHITECT:**  
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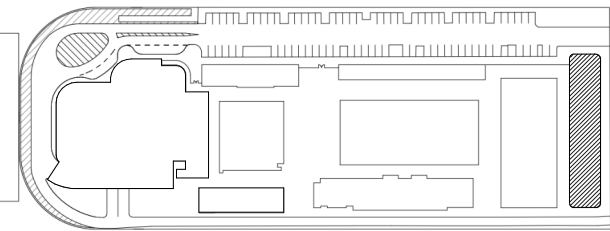
**STRUCTURAL ENGINEER:**  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300 • FL CA#7519

**MEP/FP ENGINEERS:**  
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

**CIVIL ENGINEER:**  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



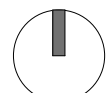
△	DESCRIPTION	DATE
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NOT FOR  
CONSTRUCTION

SEAL & SIGNATURE

TO THE BEST OF THE STRUCTURAL ENGINEERS KNOWLEDGE THE PLANS, DETAILS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE BUILDING CODES

PROJECT NORTH:



DRAWING TITLE

TYPICAL CONCRETE COLUMN DETAILS

PROJECT NUMBER: 010326.000

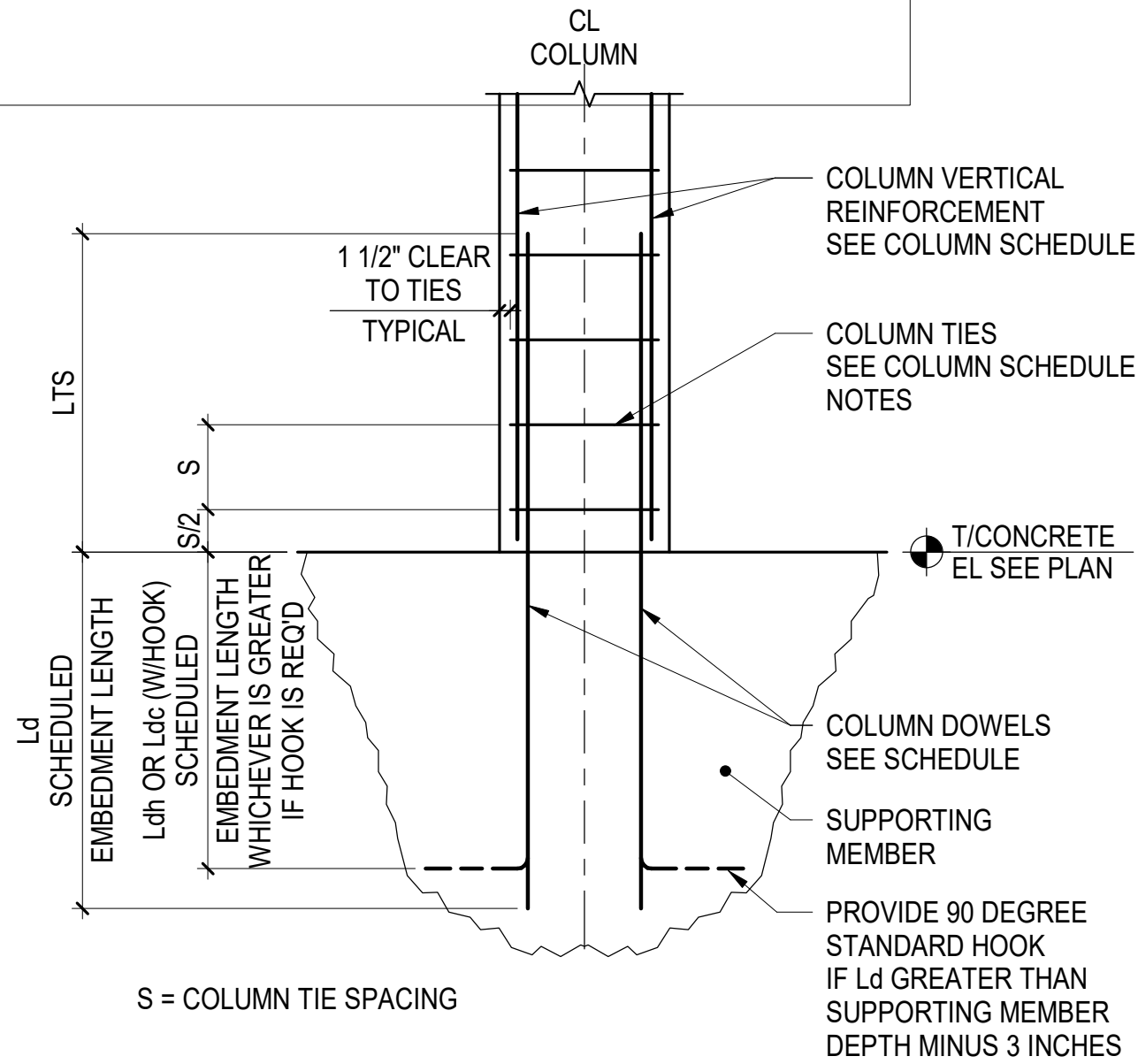
DATE: 04/01/2016

SCALE: As indicated

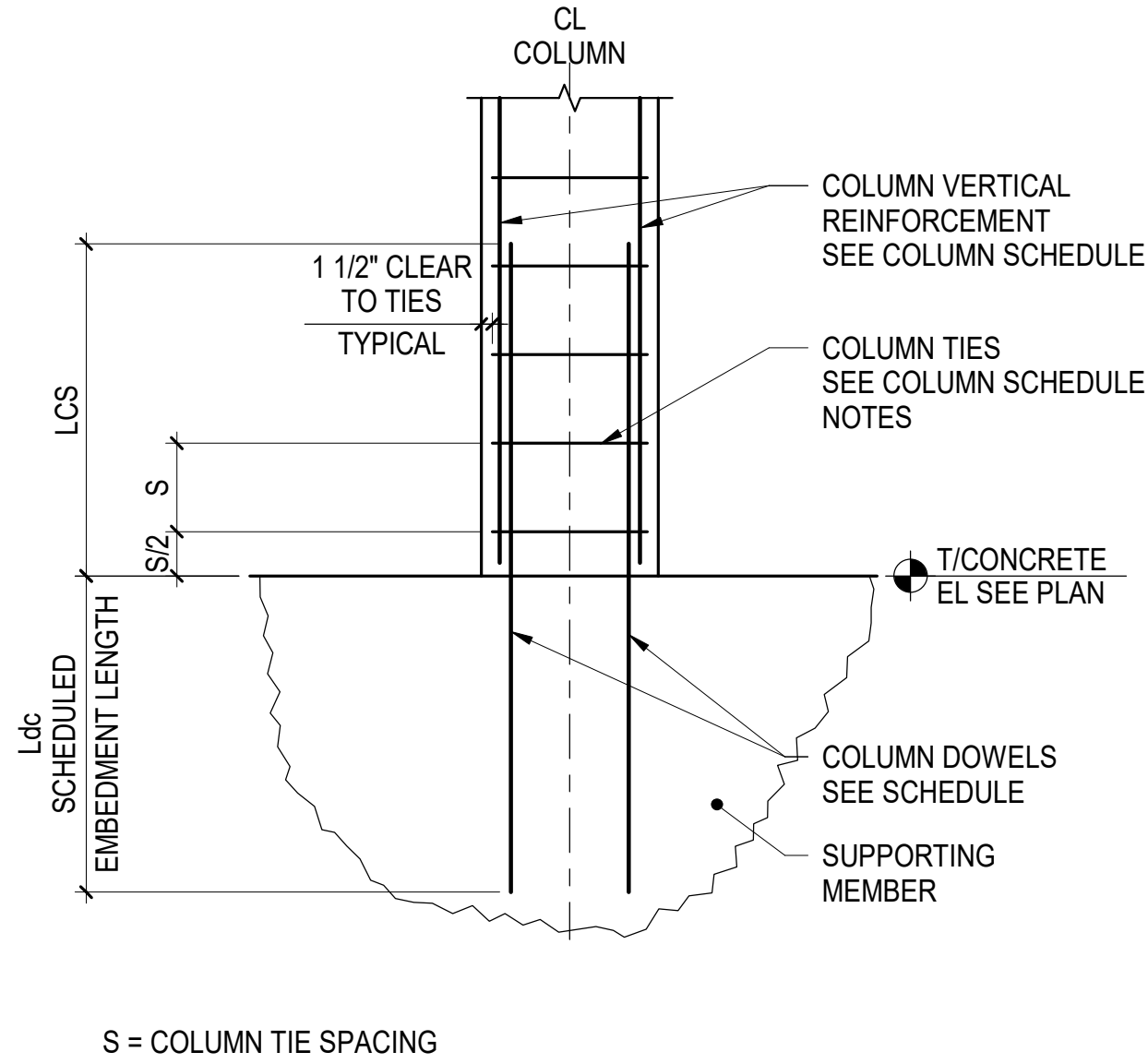
SHEET

**S4-100**

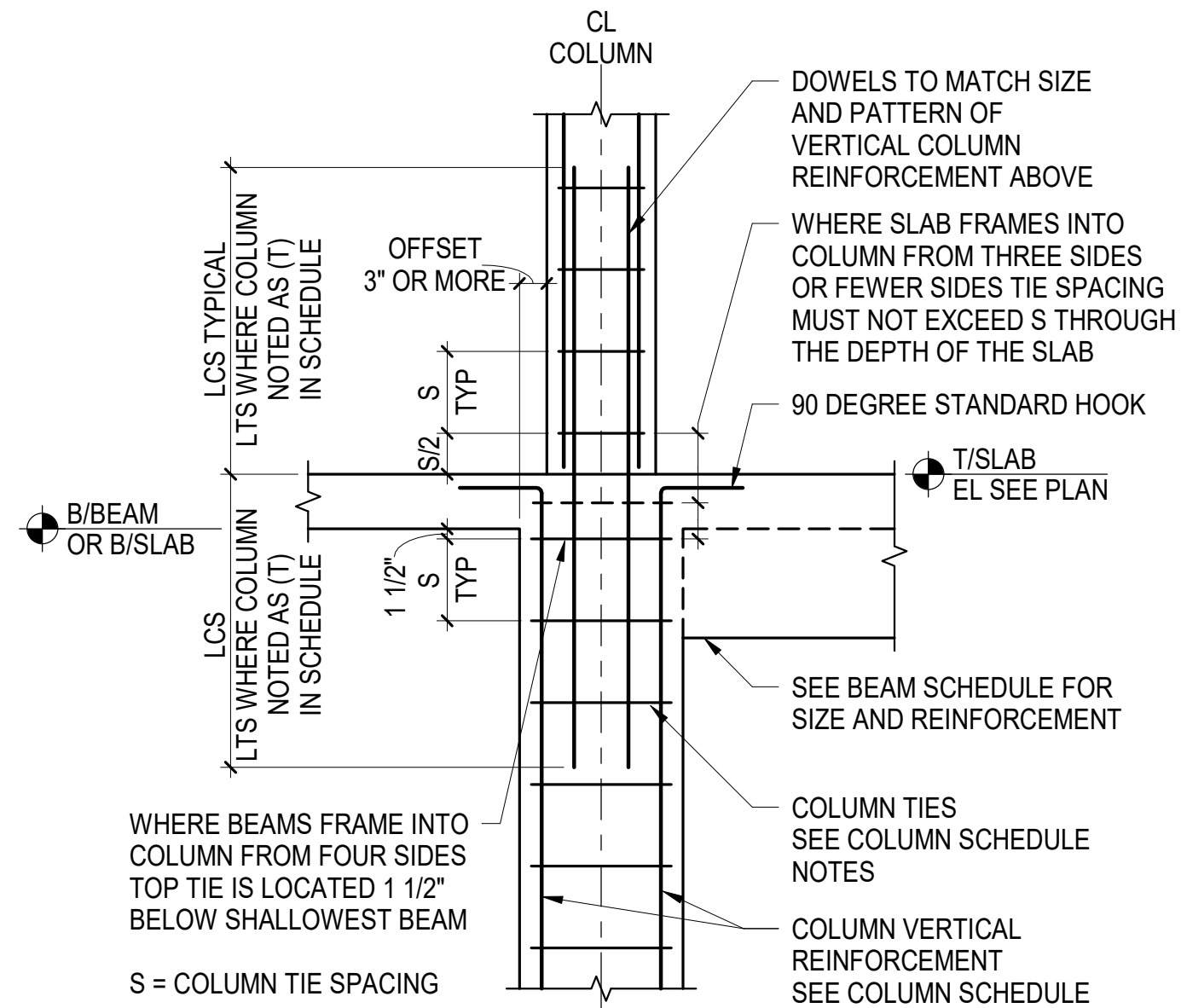




**A TENSION**  
WHERE COLUMN NOTED AS (T) IN SCHEDULE



**B COMPRESSION**  
TYPICAL UON



**2 TYPICAL COLUMN OFFSET 3\"/>**

**1 TYPICAL BOTTOM OF COLUMN**  
SCALE: NOT TO SCALE

ARQUITECTONICA

OWNER:  
Capital Group P3  
55 NE 5th Avenue, Suite 501  
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TEL: 561.705.5353

ARCHITECT:  
ARQUITECTONICA  
2900 OAK AVENUE  
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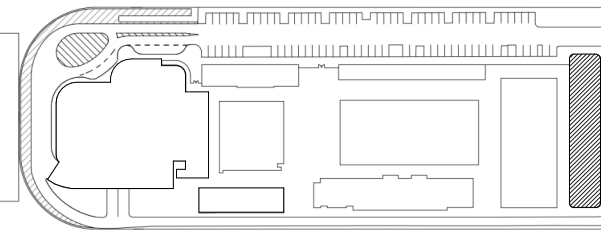
STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
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CIVIL ENGINEER:  
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2312 S ANDREWS AVE  
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TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



△	DESCRIPTION	DATE
---	-------------	------

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CONSTRUCTION

SEAL & SIGNATURE

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PROJECT NORTH:



DRAWING TITLE  
TYPICAL CONCRETE COLUMN  
DETAILS-II

PROJECT NUMBER: 010326.000

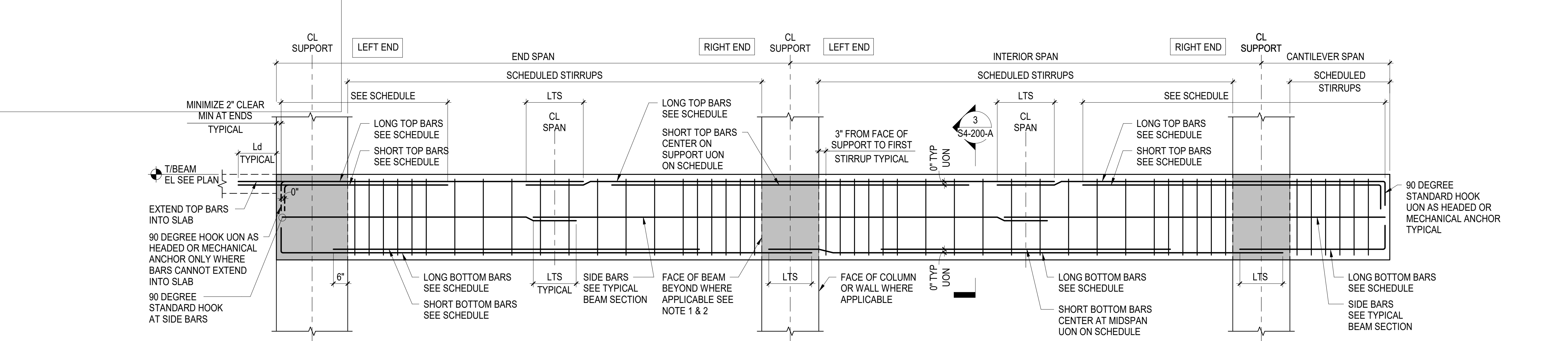
DATE: 06/13/22

SCALE: NOT TO SCALE

SHEET

S4-101

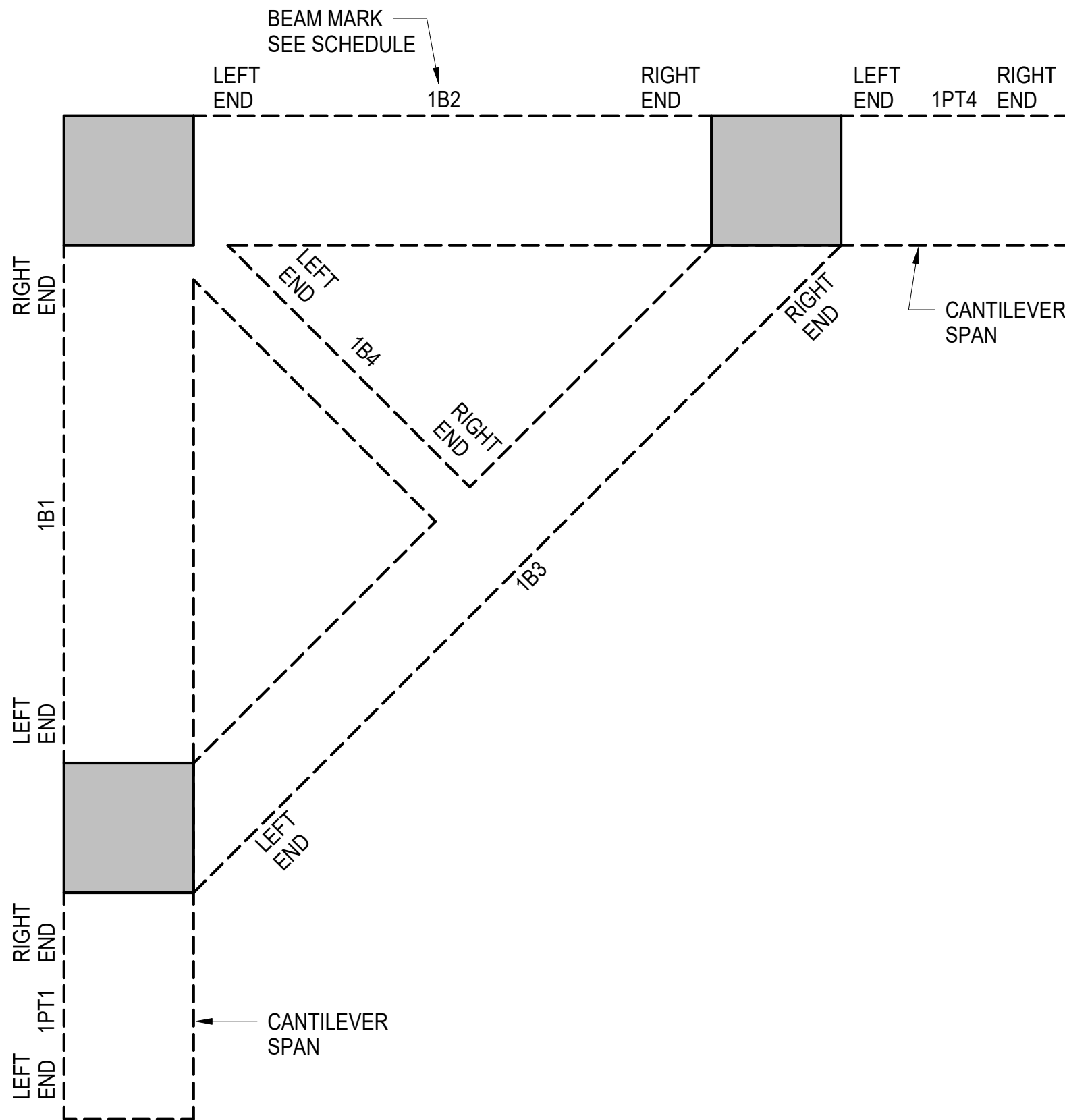




- NOTES:
- ELEVATION AS SHOWN REPRESENTS STIRRUP ARRANGEMENT AT COLUMN SUPPORTS
  - FOR STIRRUP ARRANGEMENT AT BEAM SUPPORT SEE TYPICAL DETAILS AT BEAM JOINT SUPPORT
  - CONTRACTOR TO MINIMIZE NUMBER OF SPLICES
  - IF SPLICES ARE REQUIRED THE SPLICES SHALL BE LOCATED WHERE INDICATED ON THIS DETAIL

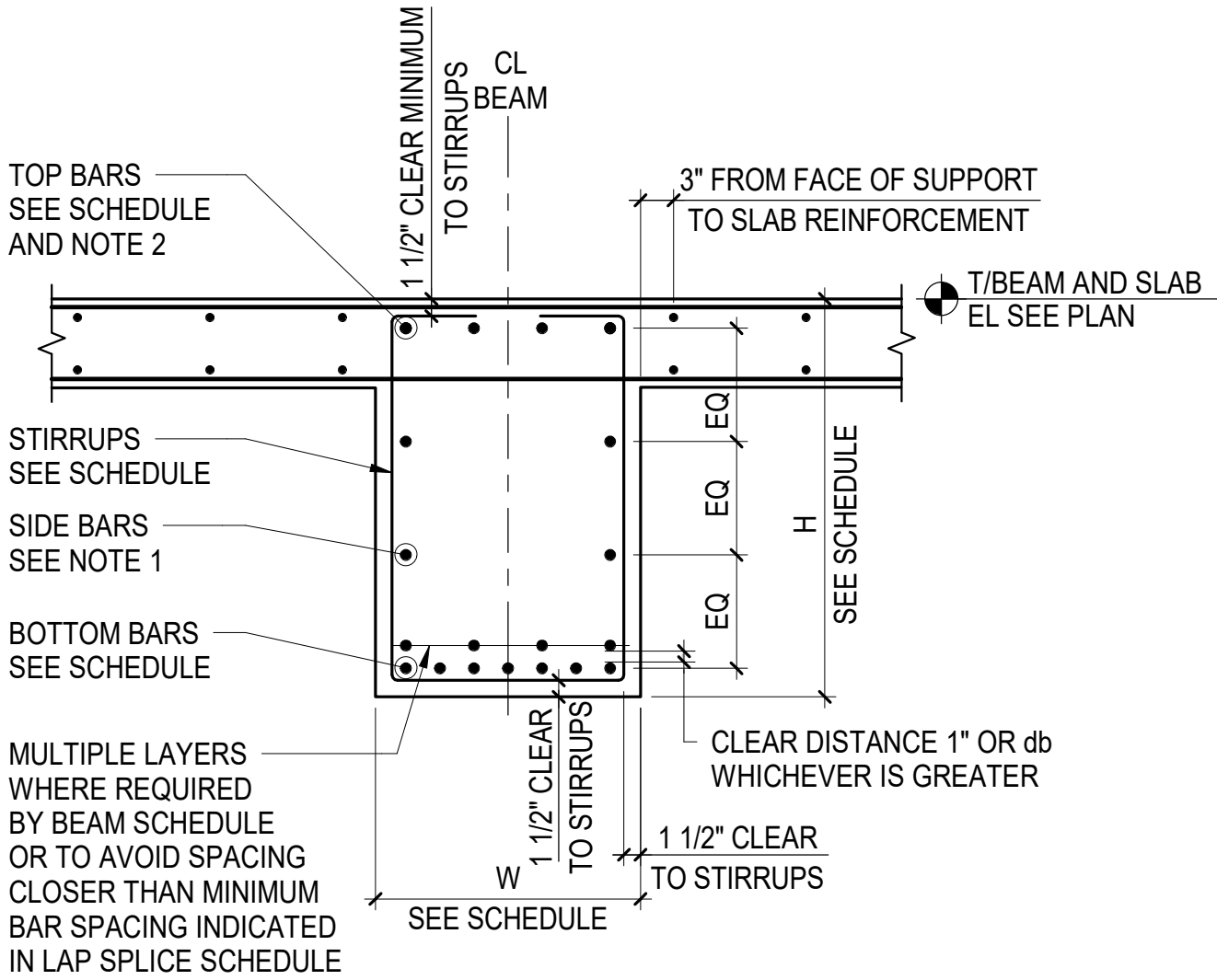
1 TYPICAL BEAM ELEVATION

NOT TO SCALE



2 BEAM ORIENTATION KEY PLAN

NOT TO SCALE



- NOTES:
- IF H IS GREATER THAN 36" PROVIDE SIDE BARS #5@10" MINIMUM UNLESS OTHERWISE NOTED IN SCHEDULE
  - WHERE TWO LAYERS OF BARS ARE REQUIRED, TOP OR BOTTOM, PLACE SHORT BARS AS INNER LAYER

3 TYPICAL BEAM SECTION

NOT TO SCALE

ARQUITECTONICA

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Capital Group P3  
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STRUCTURAL ENGINEER:  
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101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
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MEP/FP ENGINEERS:  
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1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

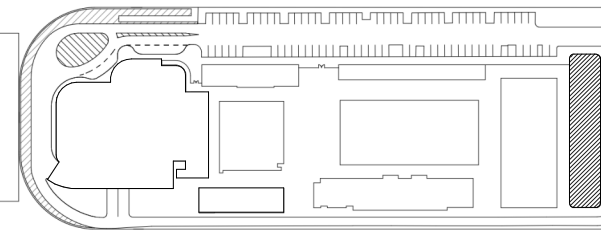
CIVIL ENGINEER:  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT

ISHOF

1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



△	DESCRIPTION	DATE
---	-------------	------

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SEAL & SIGNATURE

TO THE BEST OF THE STRUCTURAL ENGINEERS KNOWLEDGE THE PLANS, DETAILS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE BUILDING CODES

PROJECT NORTH:



DRAWING TITLE

TYPICAL CONCRETE BEAM DETAILS

PROJECT NUMBER: 010326.000

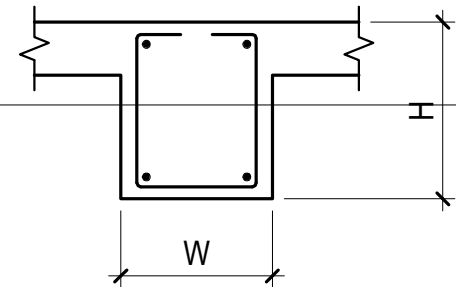
DATE: 06/01/2018

SCALE: As indicated

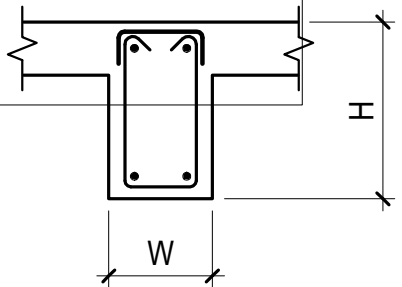
SHEET

S4-200-A

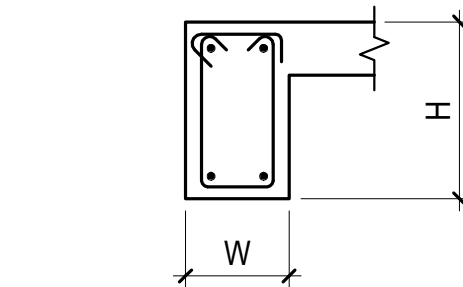




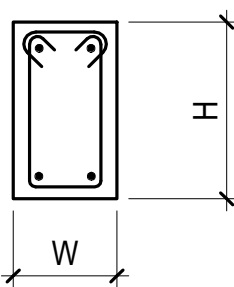
**A TYPE 2A**  
2 LEGS - TYPICAL  
INTERIOR BEAM



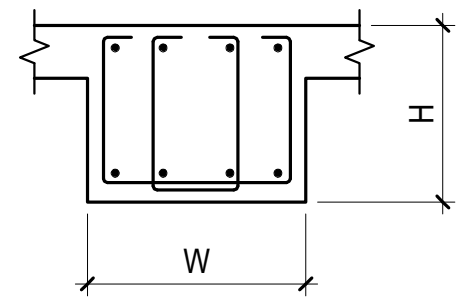
**B TYPE 2B**  
2 LEGS - BEAM WITH TORSION



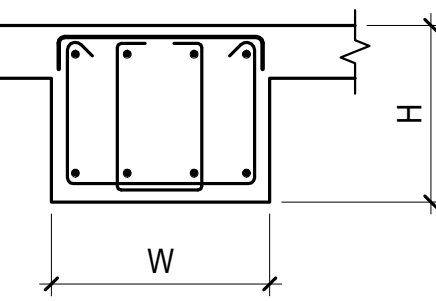
**C TYPE 2C**  
2 LEGS - EDGE BEAM



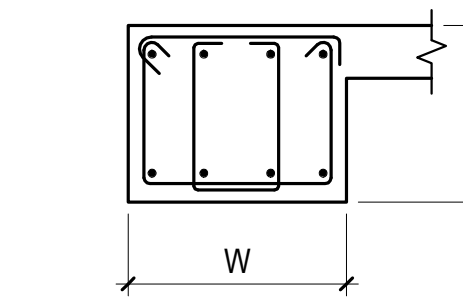
**D TYPE 2D**  
2 LEGS - FREESTANDING BEAM



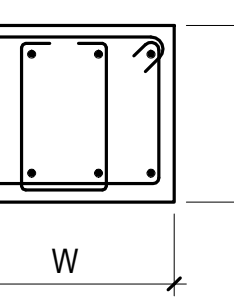
**E TYPE 4A**  
4 LEGS - TYPICAL  
INTERIOR BEAM



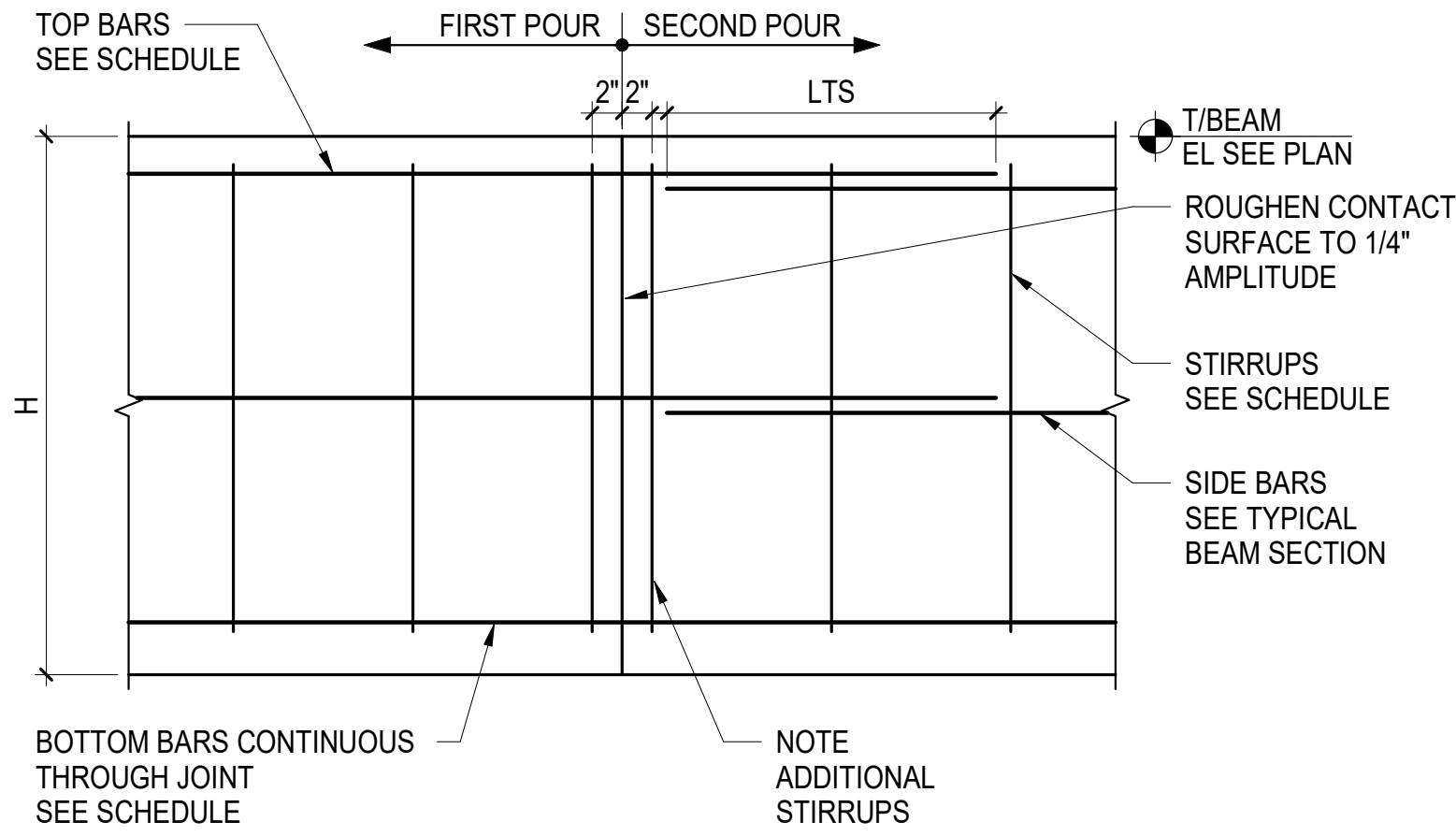
**F TYPE 4B**  
4 LEGS - BEAM WITH TORSION



**G TYPE 4C**  
4 LEGS - EDGE BEAM

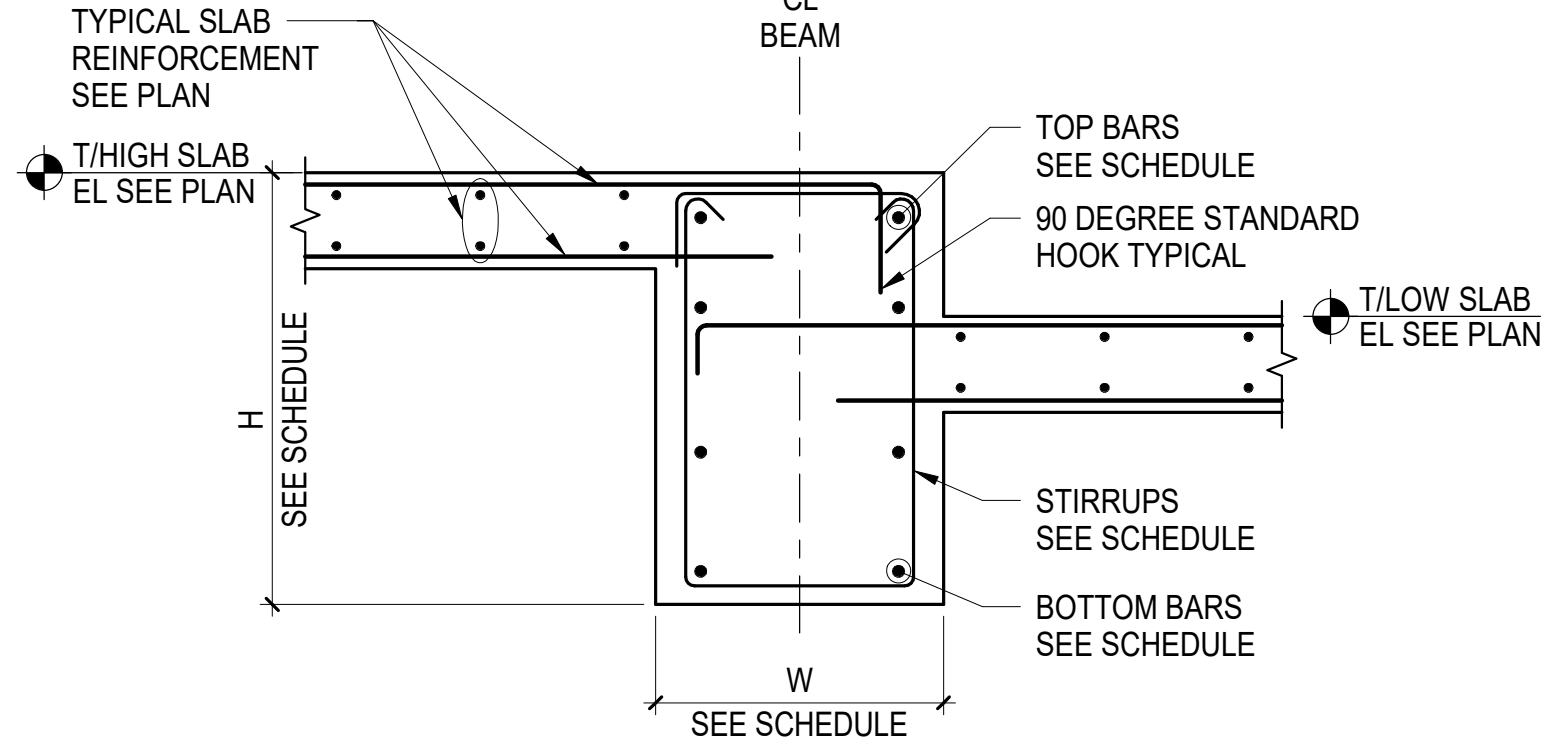


**H TYPE 4D**  
4 LEGS - FREESTANDING BEAM



**NOTES:**

- CONTRACTOR SHALL SUBMIT CONCRETE CONSTRUCTION JOINT LAYOUT FOR REVIEW AND APPROVAL (REFER TO GENERAL NOTES AND SPECIFICATIONS) PRIOR TO REINFORCEMENT SUBMITTAL.
- HORIZONTAL CONSTRUCTION JOINTS ARE NOT PERMITTED WITHOUT WRITTEN APPROVAL FROM SER.

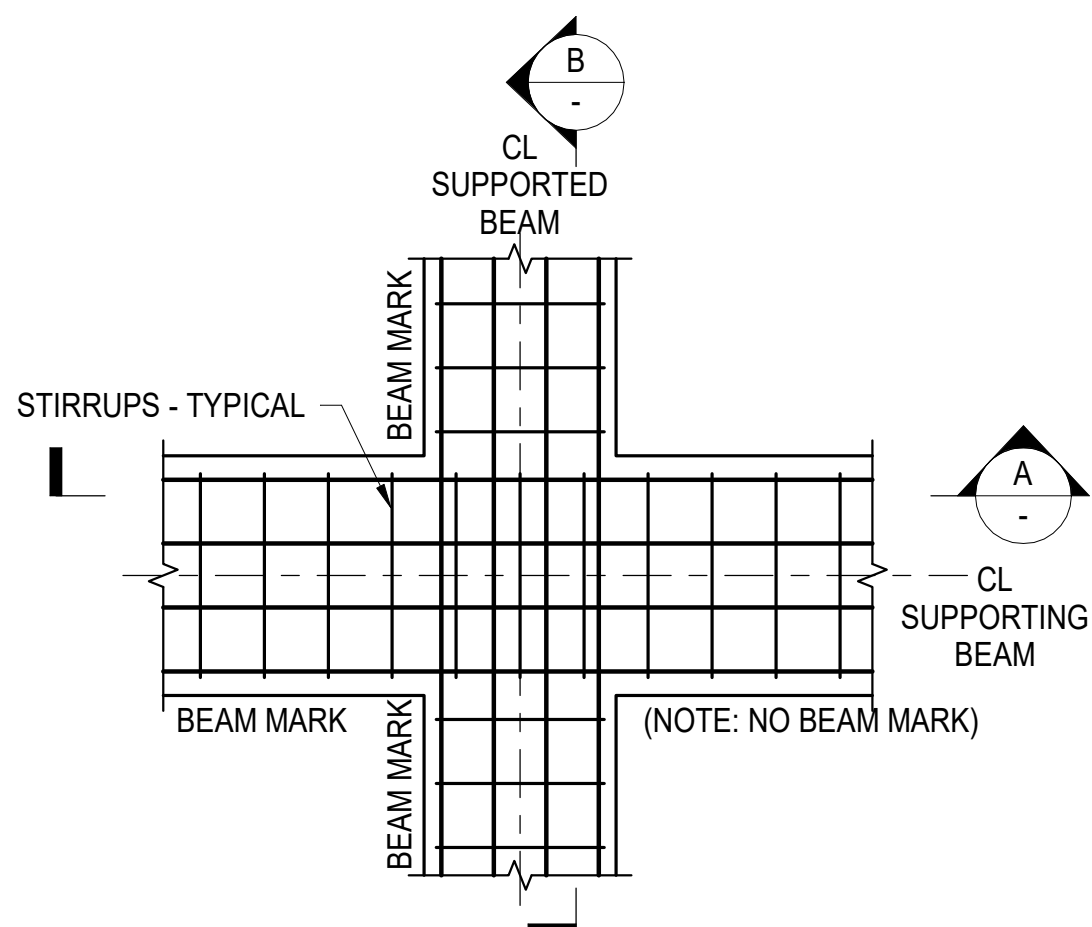


**NOTES:**

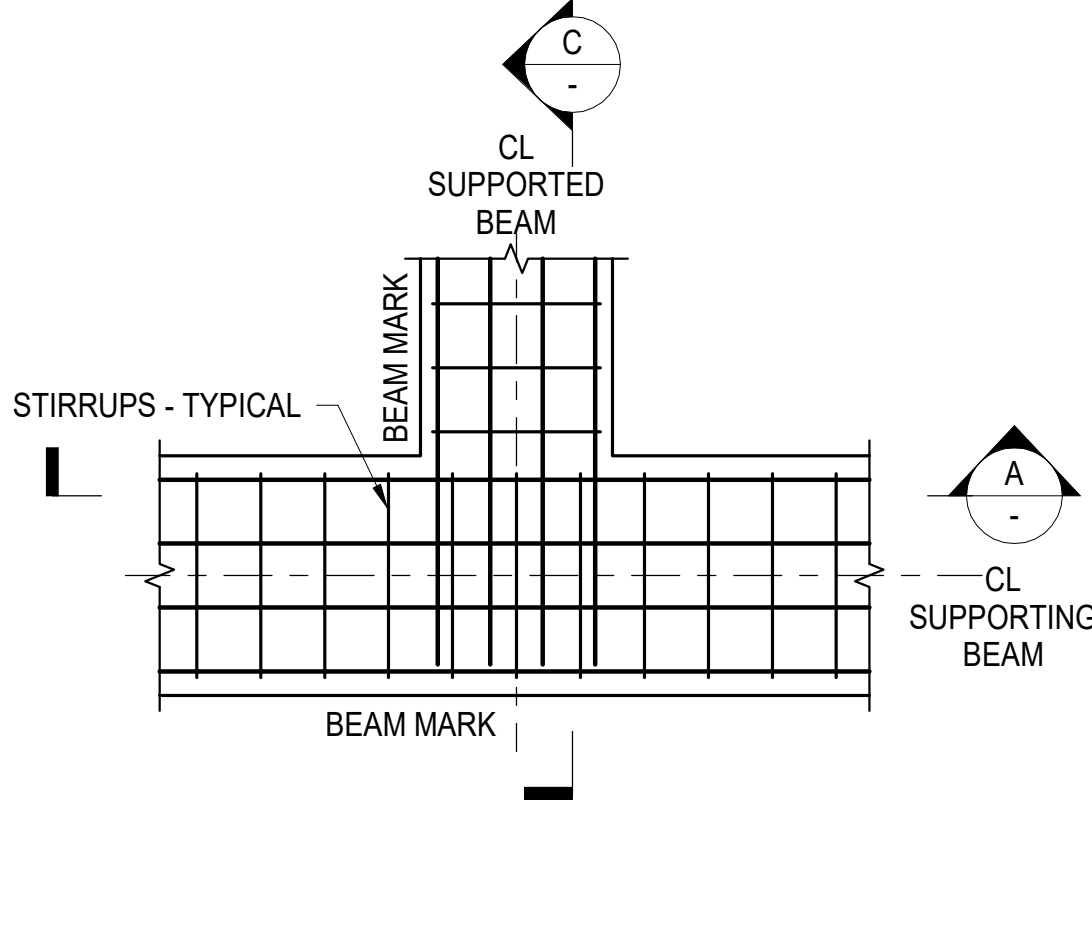
- SEE TYPICAL BEAM SECTION FOR INFORMATION NOT SHOWN

**1 BEAM STIRRUP TYPES**

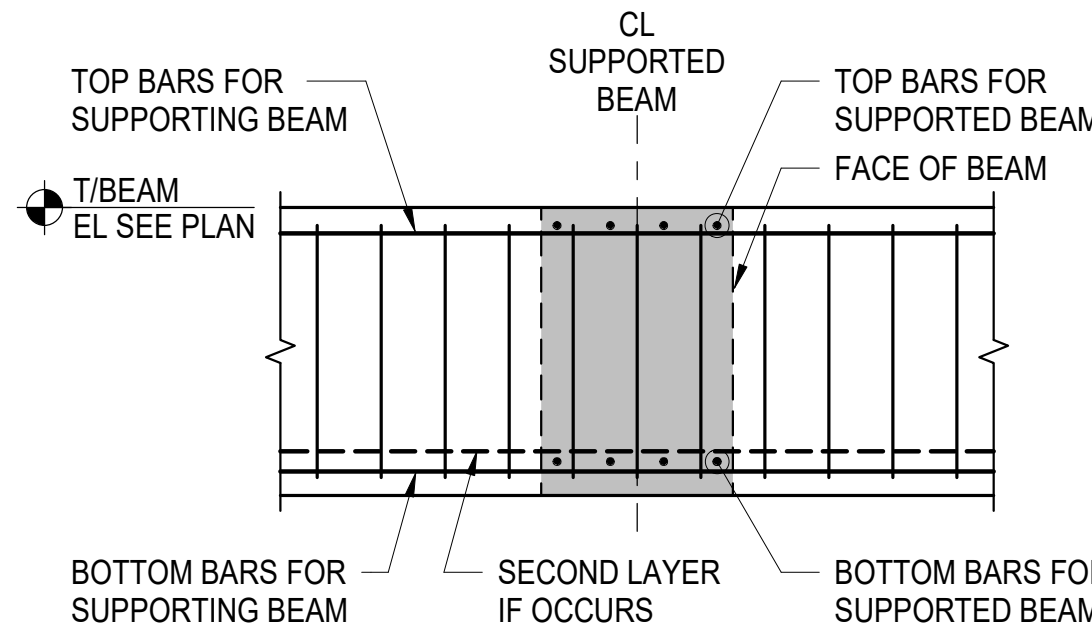
SCALE: NOT TO SCALE



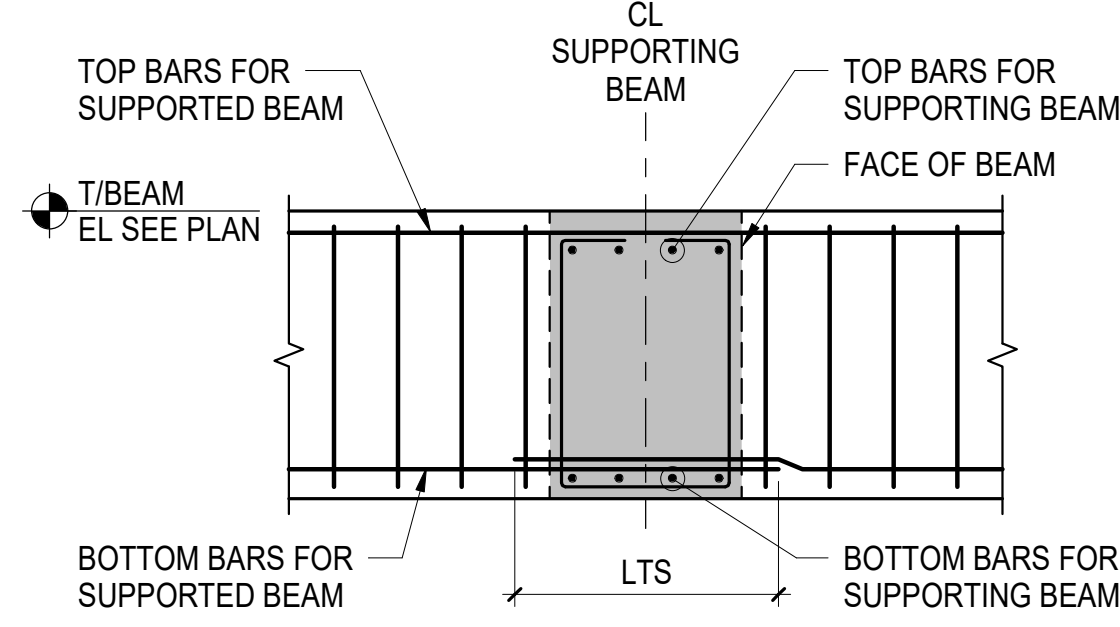
**D PLAN**



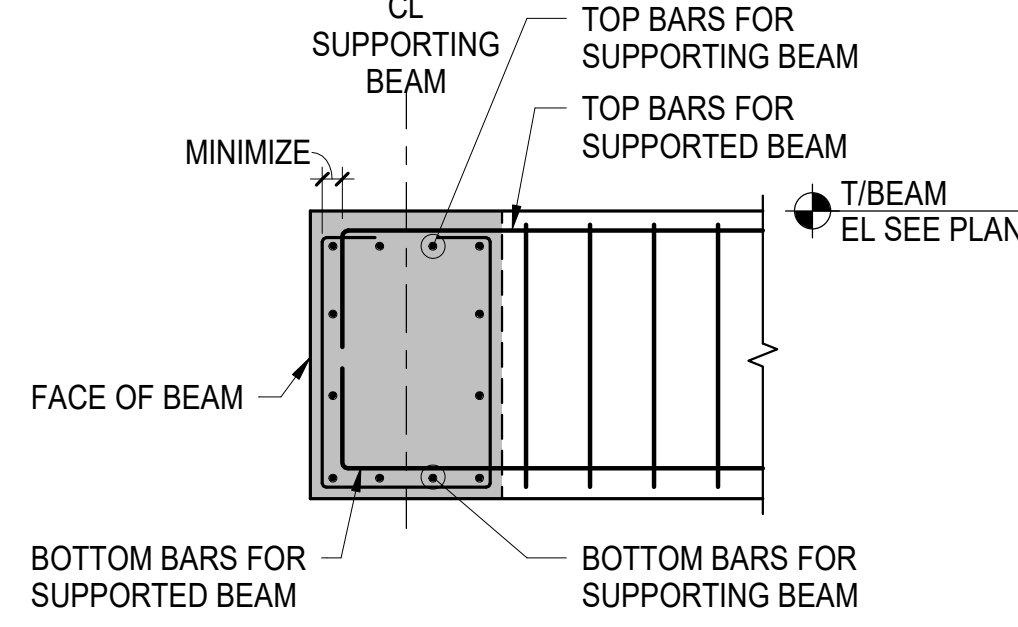
**E PLAN**



**A ELEVATION OF SUPPORTING BEAM**



**B ELEVATION OF SUPPORTED BEAM**



**C ELEVATION OF SUPPORTED BEAM**

**4 TYPICAL DETAILS AT BEAM JOINT SUPPORT**

SCALE: NOT TO SCALE

**2 TYPICAL BEAM CONSTRUCTION JOINT - ELEVATION**

SCALE: NOT TO SCALE

**3 TYPICAL SLAB / BEAM DETAIL AT CHANGE OF SLAB ELEVATION**

SCALE: NOT TO SCALE

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

**ARQUITECTONICA**

**OWNER:**  
Capital Group P3  
55 NE 5th Avenue, Suite 501  
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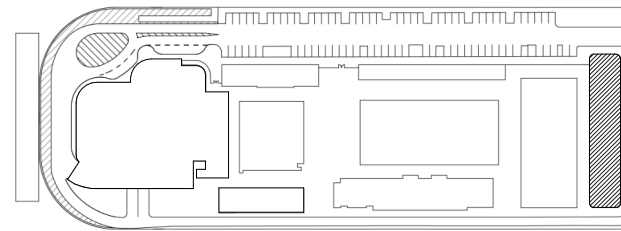
**ARCHITECT:**  
ARQUITECTONICA  
2900 OAK AVENUE  
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TEL: 305.372.1812

**STRUCTURAL ENGINEER:**  
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**CIVIL ENGINEER:**  
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TEL: 954.788.3400

KEY PLAN:



△ DESCRIPTION DATE

**NOT FOR  
CONSTRUCTION**

SEAL & SIGNATURE

TO THE BEST OF THE STRUCTURAL ENGINEERS KNOWLEDGE THE  
PLANS, DETAILS AND SPECIFICATIONS COMPLY WITH THE  
APPLICABLE BUILDING CODES

PROJECT NORTH:

DRAWING TITLE  
**TYPICAL CONCRETE BEAM DETAILS**

PROJECT NUMBER: 010326.000

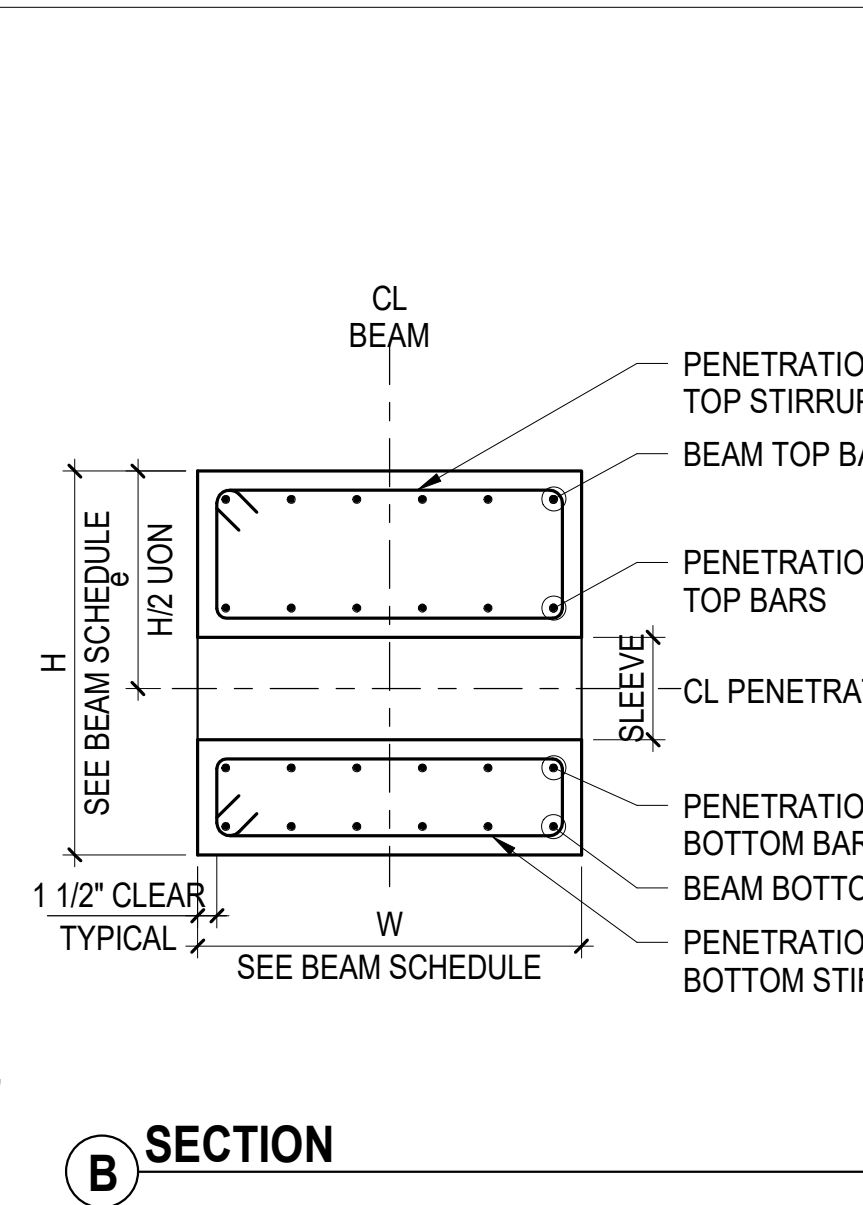
DATE: 06/13/22

SCALE: As indicated

SHEET

**S4-200-B**





1. ALL BEAM PENETRATIONS SHALL BE SHOWN ON THE SHOP DRAWINGS FOR REVIEW BY THE ARCHITECT/ENGINEER. NO PENETRATIONS SHALL BE MADE WITHOUT PRIOR REVIEW BY THE ARCHITECT AND WRITTEN APPROVAL FROM THE SER
2. THESE DETAILS SHALL BE USED IN CONJUNCTION WITH CONCRETE BEAM PENETRATION SCHEDULE
3. THE MINIMUM CLEAR SPACE BETWEEN TWO ADJACENT PENETRATIONS SHALL BE GREATER OF THE LARGEST PENETRATION DIMENSION OR TWO TIMES THE BEAM DEPTH
4. THE MINIMUM CLEAR DIMENSION BETWEEN THE EDGE OF A PENETRATION AND THE FACE OF SUPPORT, FACE OF SUPPORTED BEAM, OR POINT LOAD IMPOSED, SHALL BE THE BEAM DEPTH
5. SEE STRUCTURAL DRAWINGS FOR PENETRATIONS. GENERAL CONTRACTOR SHALL VERIFY QUANTITY, SIZE, AND LOCATION OF ALL PENETRATIONS WITH MEP DRAWINGS. NOTIFY SER IN WRITING OF ANY DISCREPANCIES FOR REVIEW AND APPROVAL
6. THE ADDITIONAL REINFORCEMENT SHOWN HERE IS NOT REQUIRED FOR OPENINGS 4" IN DIAMETER OR SMALLER PROVIDED NO BEAM REINFORCEMENT IS INTERRUPTED AND MINIMUM CONCRETE COVER IS PROVIDED AROUND ALL BARS. IT IS ACCEPTABLE TO ADJUST BEAM REINFORCEMENT WITHIN MAXIMUM SPACING LIMITS FOR STIRRUPS OR SIDE BARS.

1" = 1'-0"

PENETRATION TOP BARS  
SEE SCHEDULE

EXTEND BAR  
IF L IS LESS  
THAN  $L_d$   
1#5 EACH FACE  
2'-0" LONG

RECTANGULAR  
OPENING

CL

PENETRATION  
CLOSED  
TOP STIRRUPS  
SEE SCHEDULE

BEAM TOP BARS  
SEE BEAM SCHEDULE

T/BEAM  
EL SEE PLAN

BEAM STIRRUPS  
SEE BEAM SCHEDULE

BEAM SIDE BARS  
SEE BEAM SCHEDULE  
90 DEGREE HOOK  
AT OPENING

PENETRATION  
BOTTOM BARS  
SEE SCHEDULE

B SEE SCHEDULE

SEE SCHEDULE

LTS

A

1 1/2" CLEAR

PENETRATION  
CLOSED  
BOTTOM STIRRUPS  
SEE SCHEDULE

BEAM BOTTOM BARS  
SEE BEAM SCHEDULE

ADDITIONAL STIRRUPS AT 3" SPACING  
(SIZE TO MATCH INTERRUPTED STIRRUPS)  
PLACE ONE HALF THE NUMBER OF  
STIRRUPS INTERRUPTED BY  
PENETRATION + 1 AT EACH SIDE  
OF PENETRATION

**A** **DETAIL**

1. ALL BEAM PENETRATIONS SHALL BE SHOWN ON THE SHOP DRAWINGS FOR REVIEW BY THE ARCHITECT/ENGINEER. NO PENETRATIONS SHALL BE MADE WITHOUT PRIOR REVIEW BY THE ARCHITECT AND WRITTEN APPROVAL FROM THE SER
2. THESE DETAILS SHALL BE USED IN CONJUNCTION WITH CONCRETE BEAM PENETRATION SCHEDULE
3. THE MINIMUM CLEAR SPACE BETWEEN TWO ADJACENT PENETRATIONS SHALL BE GREATER OF THE LARGEST PENETRATION DIMENSION OR TWO TIMES THE BEAM DEPTH
4. THE MINIMUM CLEAR DIMENSION BETWEEN THE EDGE OF A PENETRATION AND THE FACE OF SUPPORT, FACE OF SUPPORTED BEAM, OR POINT LOAD IMPOSED, SHALL BE THE BEAM DEPTH
5. SEE STRUCTURAL DRAWINGS FOR PENETRATIONS. GENERAL CONTRACTOR SHALL VERIFY QUANTITY, SIZE, AND LOCATION OF ALL PENETRATIONS WITH MEP DRAWINGS. NOTIFY SER IN WRITING OF ANY DISCREPANCIES FOR REVIEW AND APPROVAL
6. THE ADDITIONAL REINFORCEMENT SHOWN HERE IS NOT REQUIRED FOR OPENINGS 4"x4" OR SMALLER PROVIDED NO BEAM REINFORCEMENT IS INTERRUPTED AND MINIMUM CONCRETE COVER IS PROVIDED AROUND ALL BARS. IT IS ACCEPTABLE TO ADJUST BEAM REINFORCEMENT WITHIN MAXIMUM SPACING LIMITS FOR STIRRUPS OR SIDE BARS.

The diagram illustrates a cross-section of a beam with a sleeve connection. The beam has a total height  $H$  and width  $W$ . The sleeve connection is centered, with a height of  $H/2$  for the top half and  $H/2$  for the bottom half. The sleeve is labeled "SLEEVE" and "CL PENETRATION". The beam is reinforced with top and bottom bars, and closed stirrups. The reinforcement details are as follows:

- Top Reinforcement:**
  - CL BEAM
  - PENETRATION CLOSED TOP STIRRUPS
  - BEAM TOP BARS
  - PENETRATION TOP BARS
- Bottom Reinforcement:**
  - PENETRATION BOTTOM BARS
  - BEAM BOTTOM BARS
  - PENETRATION CLOSED BOTTOM STIRRUPS

Additional dimensions and labels include:

- $H/2$  (height of top half)
- $H/2$  (height of bottom half)
- $1\frac{1}{2}"$  CLEAR (clearance between reinforcement bars)
- TYPICAL (indicating standard reinforcement layout)
- SEE BEAM SCHEDULE (referring to the beam's reinforcement schedule)

- OWNER:**  
Capital Group P3  
55 NE 5th Avenue, Suite 501  
Boca Raton, FL 33432  
TEL:561.705.5353
- ARCHITECT:**  
ARQUITECTONICA  
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- STRUCTURAL ENGINEER:**  
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- MEP/FPF ENGINEERS:**  
KAMM CONSULTING  
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- CIVIL ENGINEER:**  
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TEL:954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

△	DESCRIPTION	DATE
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APPLICABLE BUILDING CODES

PROJECT NORTH

DRAWING TITLE

## TYPICAL CONCRETE BEAM DETAILS

PROJECT NUMBER: 010326.000

DATE: 07/20/20

**SCALE:** As indicated

**SHEET**

S4-201

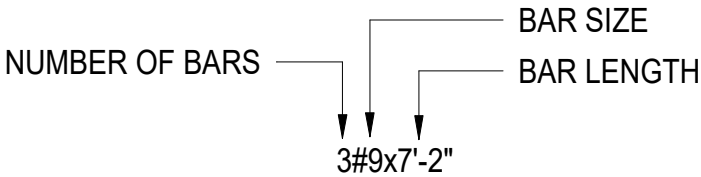


[illegible]

NOTES:

1. TOP OF BEAM IS ASSUMED TO BE TOP OF SLAB UON.
2. LEFT END AND RIGHT END OF BEAM ARE DEFINED ON BEAM ORIENTATION KEY PLAN
3. WHERE REINFORCEMENT IS NOTED AS "SEE ADJ BEAM", REINFORCEMENT IS TO BE CONTINUED FROM ADJACENT BEAM
4. SEE TYPICAL BEAM SECTION DETAIL WHERE NO SIDE BARS ARE INDICATED

REINFORCEMENT LEGEND:



## 1 CONCRETE BEAM SCHEDULE

**OWNER:**  
Capital Group P3  
55 NE 5th Avenue, Suite 501  
Boca Raton, FL 33432  
TEL:561.705.5353

**ARCHITECT:**  
ARQUITECTONICA  
2900 OAK AVENUE  
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TEL:305.372.1812

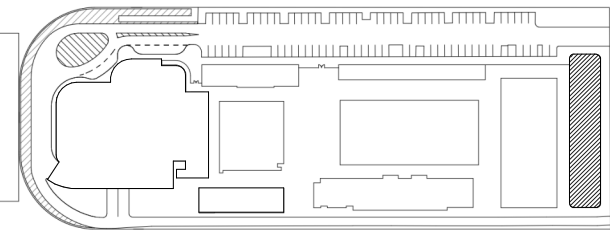
**STRUCTURAL ENGINEER:**  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL:954.903.9300 • FL CA#7519

**MEP/FP ENGINEERS:**  
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
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**CIVIL ENGINEER:**  
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PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

**KEY PLAN:**



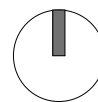
△	DESCRIPTION	DATE
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PROJECT NORTH



DRAWING TITLE  
CONCRETE BEAM SCHEDULE

PROJECT NUMBER: 010326.000

DATE: 04/01/2016

**SCALE: NOT TO SCALE**

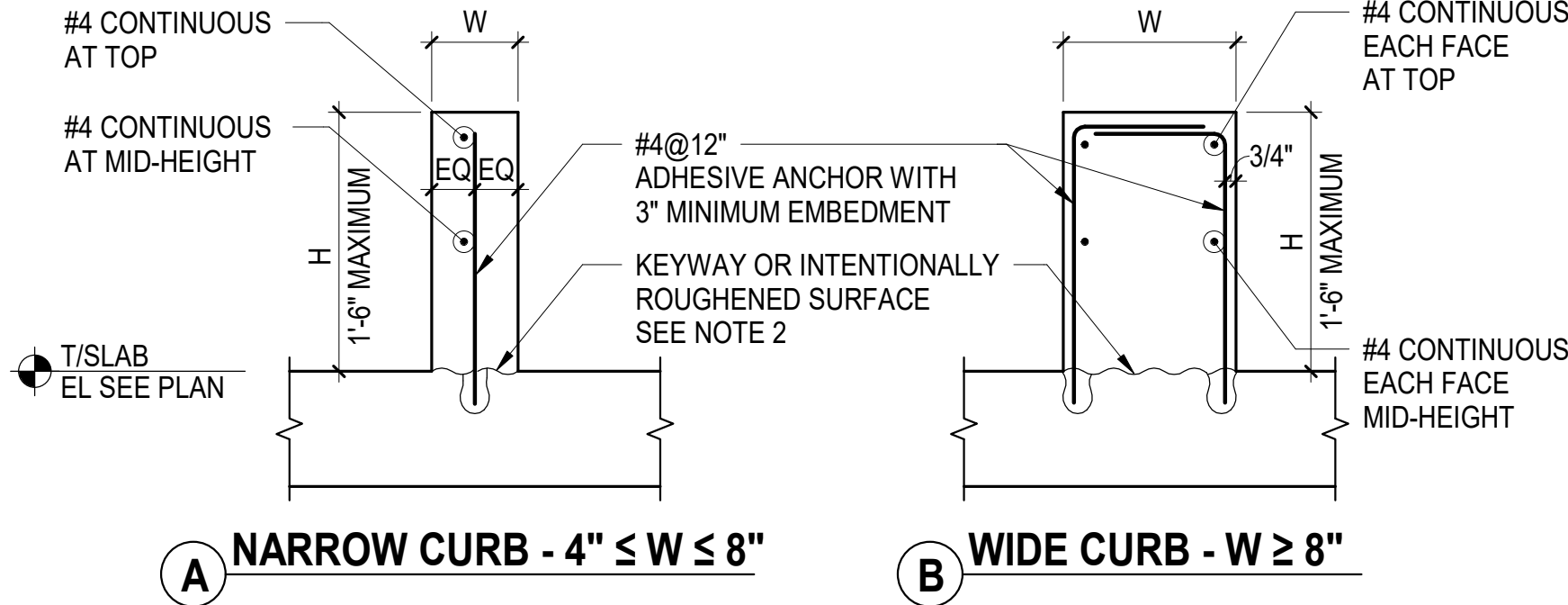
**SHEET**

S4-210







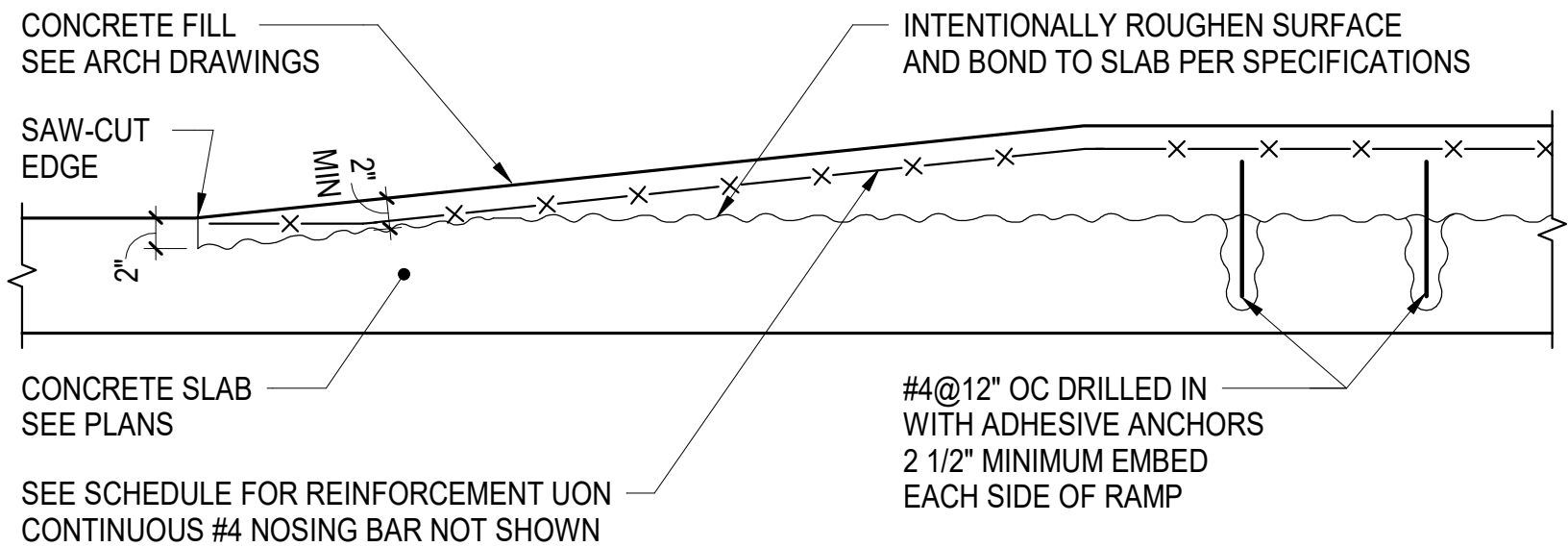


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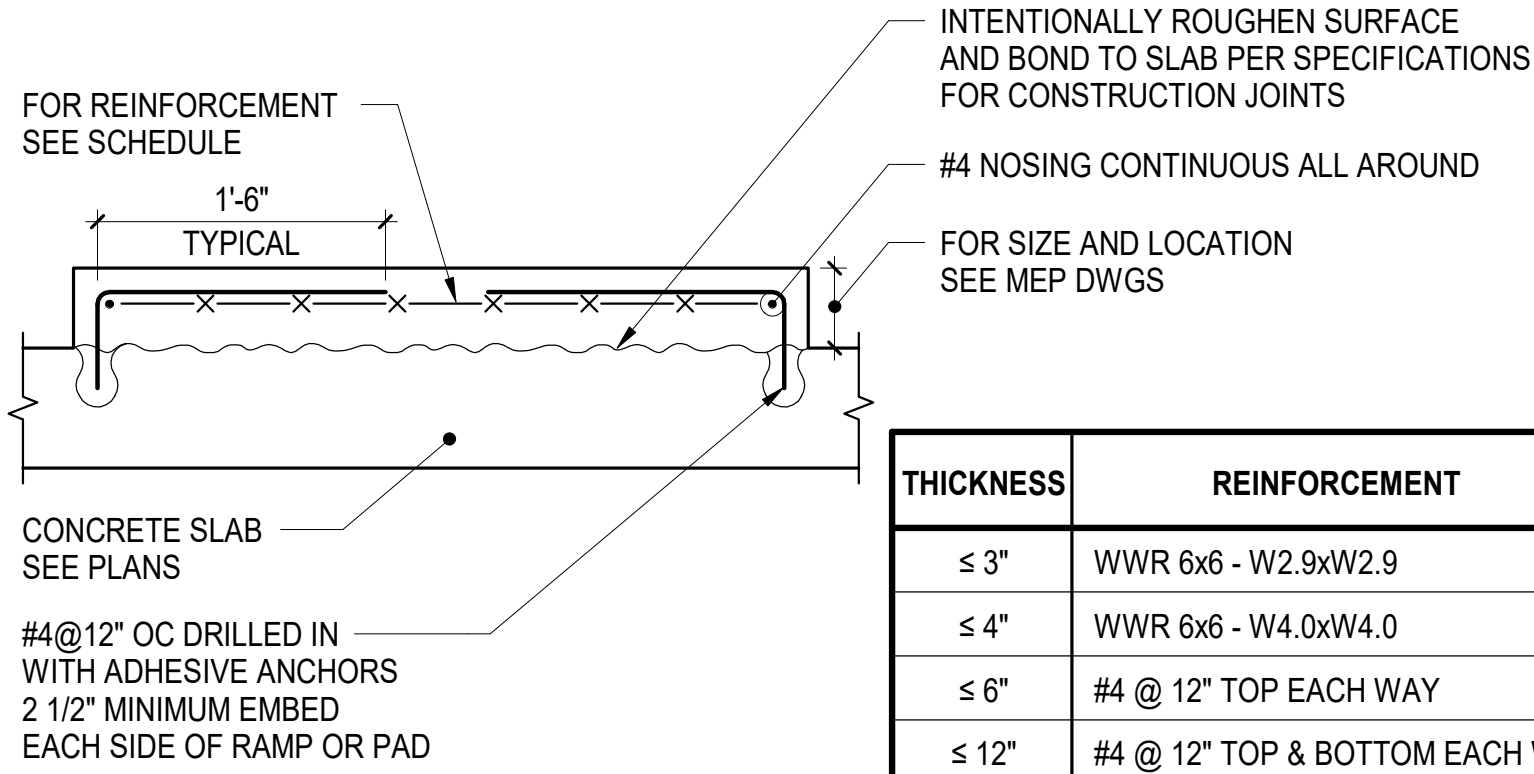
- FOR SIZE AND LOCATION SEE ARCHITECTURAL, MEP, OR STRUCTURAL DRAWINGS
- ROUGHEN SURFACE OF SLAB TO 1/4" AMPLITUDE, CLEAN THOROUGHLY AND APPLY BONDING AGENT IMMEDIATELY BEFORE CASTING CURB
- THIS DETAIL IS APPLICABLE AT CURBS FOR NON-STRUCTURAL ELEMENTS SUCH AS SKYLIGHTS, INTERIOR PARTITIONS, AND INTERIOR RAILINGS
- SEE ARCHITECTURAL DRAWINGS FOR EMBEDDED PLATES AND BLOCKOUTS REPLACE REINFORCEMENT INTERRUPTED BY BLOCKOUTS
- CORING AND/OR CUTTING OF REINFORCEMENT IS NOT PERMITTED USE EMBED PLATES FOR ATTACHMENT TO CURBS

1 TYPICAL CURB DETAILS AT INTERIOR

SCALE: NOT TO SCALE



A DETAIL AT RAMP



NOTES:

- THIS DETAIL IS NOT APPLICABLE TO GENERAL RAISED SLAB AREA HIGHER THAN 4" OTHER THAN MECHANICAL PADS AND HOUSEKEEPING PADS

B SECTION AT RAMP OR PAD

2 TYPICAL DETAIL OF CONCRETE FILL  
HOUSEKEEPING PAD / MECHANICAL PAD / RAMP

SCALE: NOT TO SCALE

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**ARCHITECT:**  
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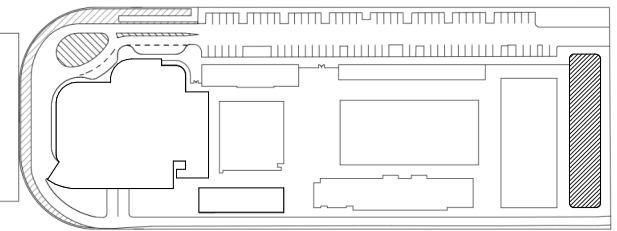
**STRUCTURAL ENGINEER:**  
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PROJECT NORTH:



DRAWING TITLE  
TYPICAL CONCRETE SLAB DETAILS

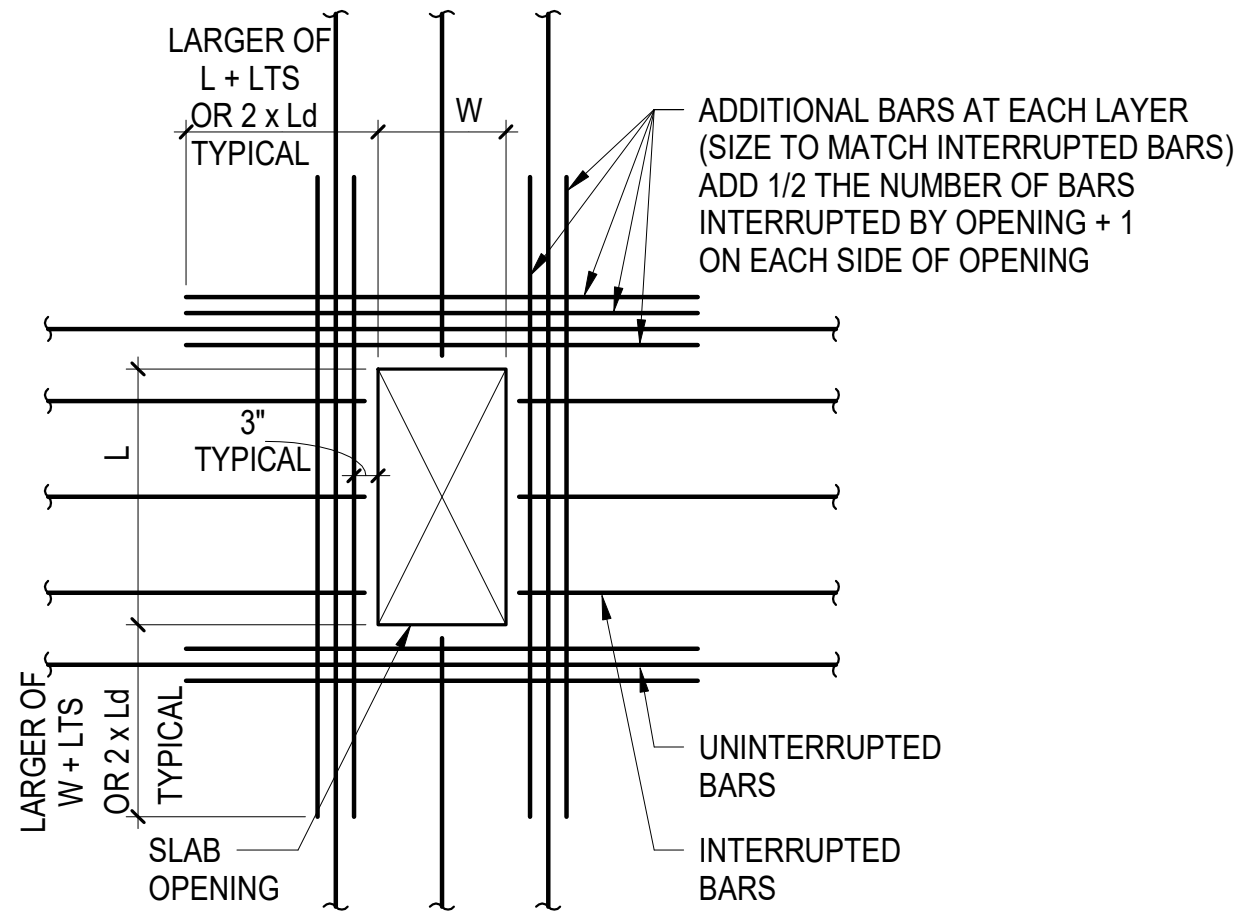
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DATE: 06/13/22  
SCALE: NOT TO SCALE  
SHEET

S4-300-B



NOTES:

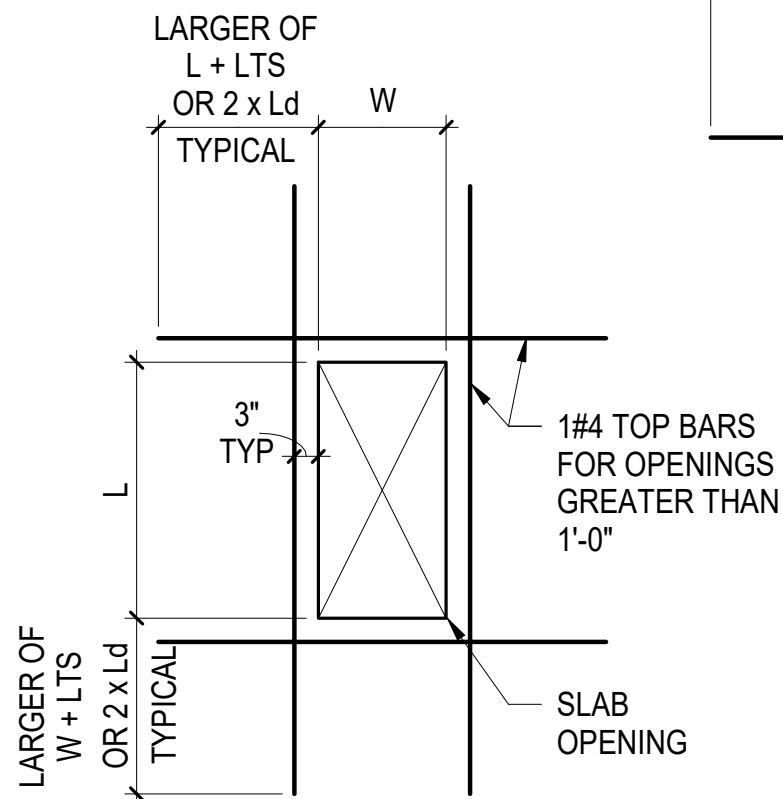
- REFER TO PLANS FOR ADDITIONAL BARS AROUND OPENINGS
- SEE STRUCTURAL DRAWINGS FOR QUANTITY AND LOCATIONS OF OPENINGS. CONTRACTOR SHALL VERIFY SIZE AND LOCATION OF ALL OPENINGS WITH MEP DRAWINGS NOTIFY STRUCTURAL ENGINEER IN WRITING OF ANY DISCREPANCIES FOR REVIEW AND APPROVAL
- FOR TWO-WAY SLAB SEE TYPICAL TWO-WAY SLAB OPENING LIMITATIONS. FOR OPENING NOT MEETING LIMITATIONS OR GREATER THAN 3 FEET, SUBMIT OPENINGS TO SER FOR APPROVAL
- FOR ONE-WAY SLABS WHERE THE OPENING DIMENSION PERPENDICULAR TO THE DIRECTION OF THE SPAN IS GREATER THAN 2 FEET, SUBMIT OPENINGS TO SER FOR APPROVAL
- WHERE ADJACENT OPENINGS ARE NOT SEPARATED BY 2X THE LARGEST OPENING DIMENSION OR WOULD INTERRUPT THE ADDITIONAL REINFORCEMENT FROM THE ADJACENT OPENING, SUBMIT OPENINGS TO SER FOR APPROVAL



**A** ADDITIONAL BARS  
WHERE BARS ARE INTERRUPTED

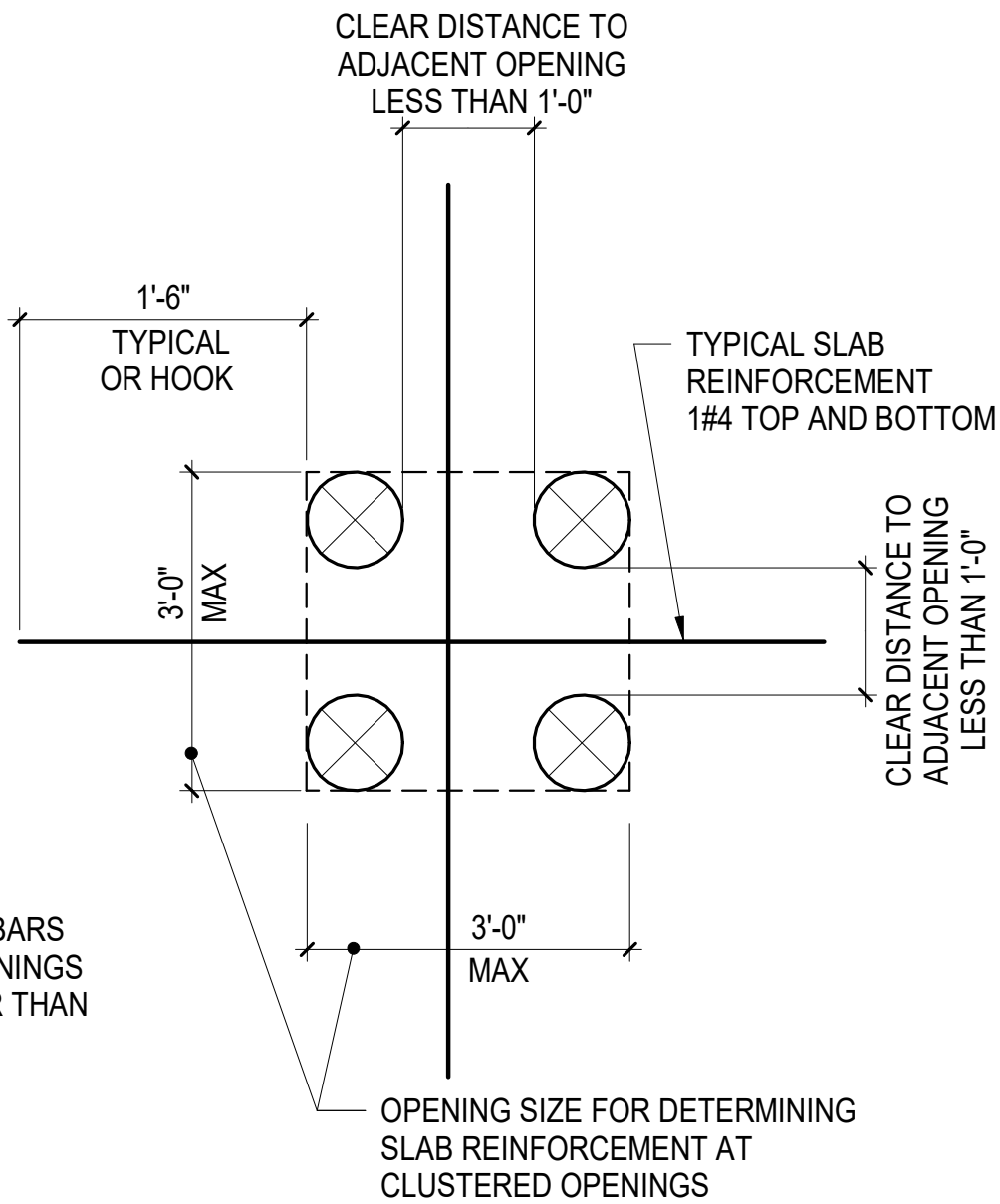
NOTES: ADDITIONAL BARS

- PROVIDE ADDITIONAL BARS ON EACH SIDE OF OPENING FOR TOP AND BOTTOM BARS THAT ARE INTERRUPTED BY OPENINGS. DISTRIBUTE REPLACEMENT BARS EQUALLY TO BOTH SIDES OF OPENING AT 3" SPACING
- PROVIDE A MINIMUM OF 2 BARS EACH SIDE OF OPENING TOP AND BOTTOM WHERE NO TOP BARS ARE PRESENT, PROVIDE ADDITIONAL TOP BARS SHOWN ABOVE
- AT CLUSTERED OPENINGS, PROVIDE THESE ADDITIONAL BARS AROUND THE CLUSTER PLUS THE ADDITIONAL BARS SHOWN IN THE CLUSTERED OPENING DETAIL

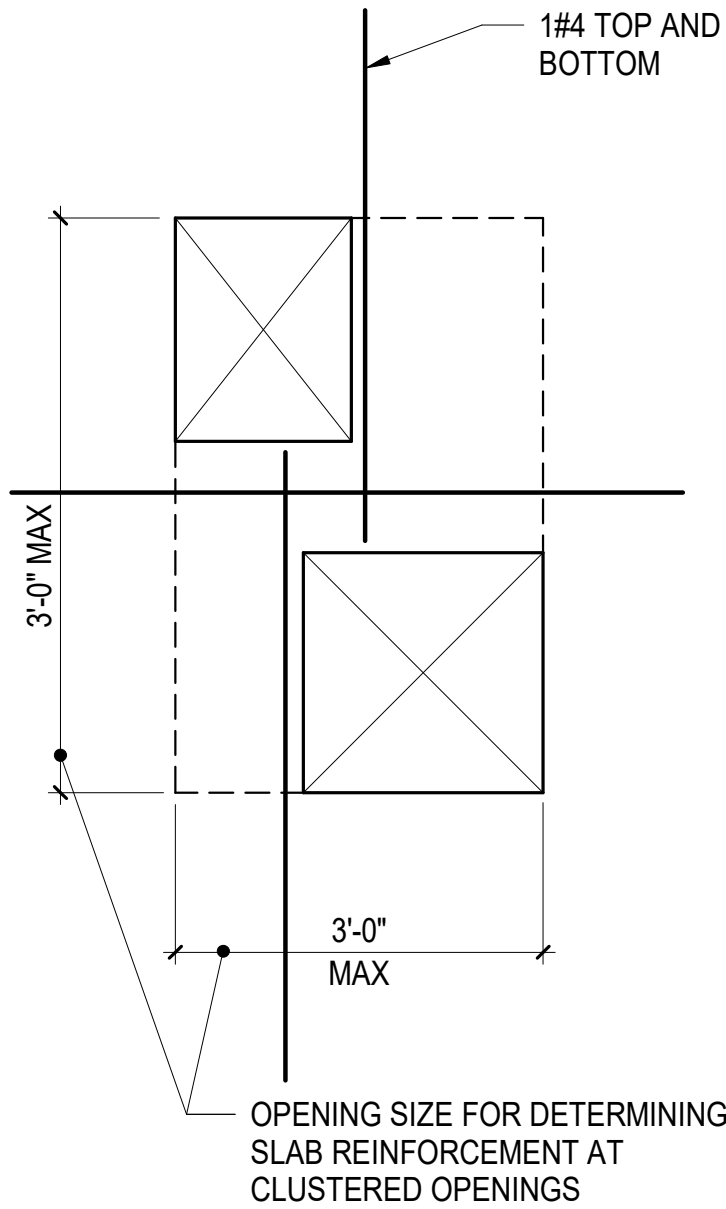


**B** ADDITIONAL TOP BARS  
WHERE NO TOP BARS ARE PRESENT

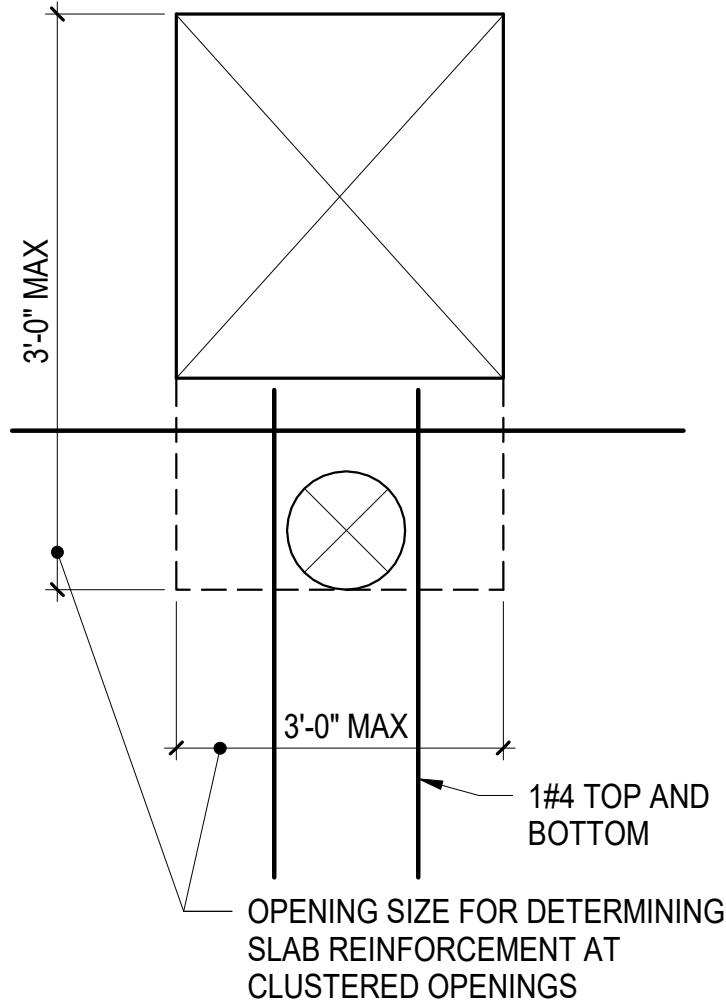
ADDITIONAL TOP BARS	
OPENING SIZE (LARGER DIMENSION OF OPENING)	TOP BARS ALL SIDES
0 - 12"	NONE
12" - 36"	(1) #4



**C** TYPE 1



**D** TYPE 2  
SEE TYPE 1 FOR INFORMATION NOT SHOWN



**E** TYPE 3  
SEE TYPE 1 FOR INFORMATION NOT SHOWN

**CLUSTERED OPENING ADDITIONAL REINFORCEMENT**

NOTES: CLUSTERED OPENINGS

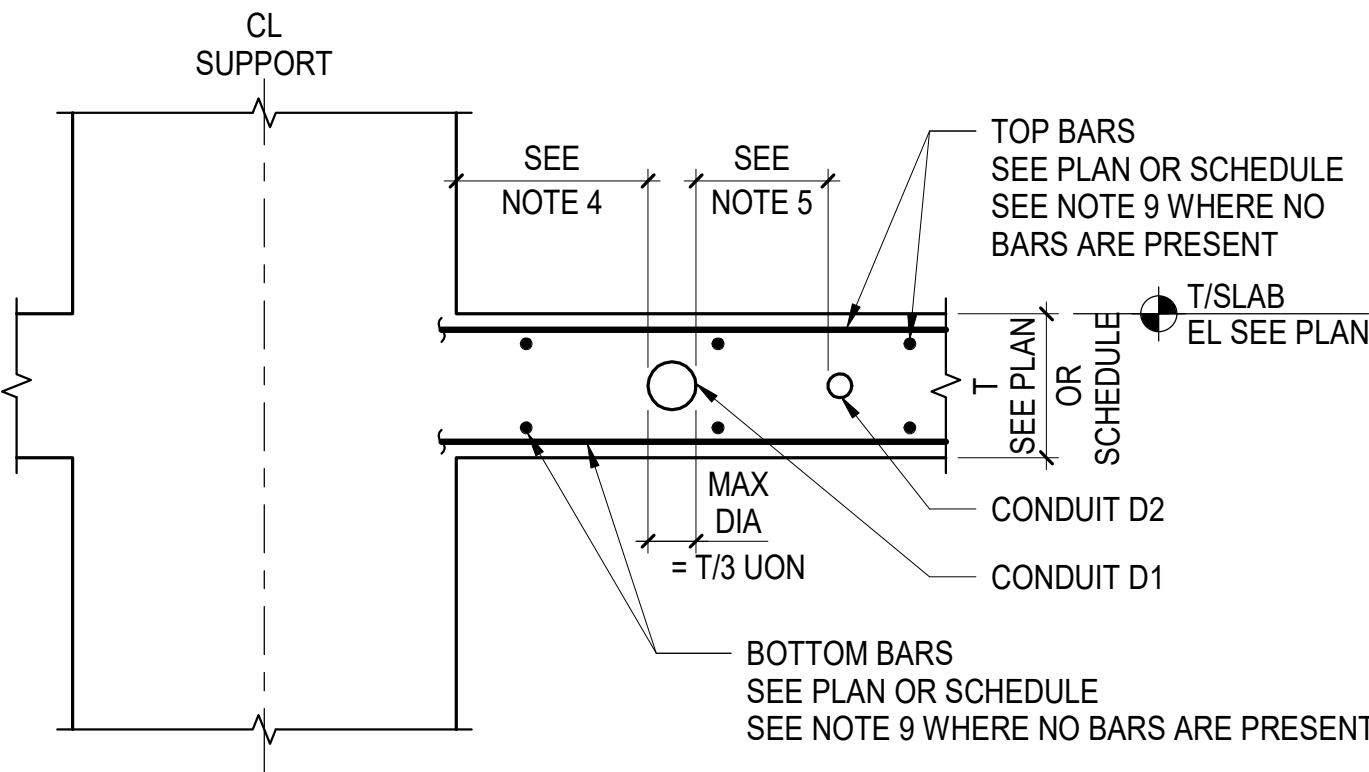
- THE REINFORCEMENT REQUIREMENTS AT CLUSTERED OPENINGS ARE IN ADDITION TO THE TYPICAL SLAB OPENING DETAIL REQUIREMENTS AROUND THE ENTIRE CLUSTER
- FOR ONE-WAY SLABS, WHEN CLUSTERED OPENING IS GREATER THAN 2 FEET, SUBMIT TO SER FOR APPROVAL
- FOR TWO-WAY SLABS, WHEN CLUSTERED OPENING DOES NOT MEET TWO-WAY SLAB OPENING LIMITATIONS OR IS GREATER THAN 3 FEET, SUBMIT TO SER FOR APPROVAL

NOTES:

- PLACE CONDUITS BETWEEN TOP AND BOTTOM LAYER OF REINFORCEMENT CENTERED WITHIN SLAB
- CROSSOVER OF CONDUITS AND/OR PIPES IS NOT PERMITTED WITHOUT PRIOR WRITTEN APPROVAL BY SER
- CONDUITS TO BE PLASTIC OR STEEL. USE OF ALUMINUM CONDUITS IS NOT PERMITTED
- PLACE CONDUITS THE LARGEST OF THE FOLLOWING CLEAR FROM FACE OF COLUMN:  
A. LARGEST COLUMN DIMENSION (WIDTH OR DEPTH)  
B. 2 x SLAB THICKNESS T  
C. 1'-0"
- MAINTAIN A CLEAR SPACING BETWEEN CONDUITS OF THREE TIMES THE LARGER OUTER DIAMETER OF D1 AND D2, BUT NOT LESS THAN 6 INCHES
- NO MORE THAN THREE (3) CONDUITS PER SIX (6) FT WIDTH OF SLAB ARE PERMITTED WITHOUT PRIOR WRITTEN APPROVAL BY SER
- WHERE LARGE NUMBERS OF CONDUIT ENTER THE SLAB AT ONE LOCATION:  
A. SUBMIT LAYOUT FOR APPROVAL BY SER  
B. FAN OUT CONDUITS IMMEDIATELY  
C. PROVIDE ADDITIONAL TOP & BOTTOM REINFORCEMENT AS DIRECTED BY SER UNTIL NOTES 5 AND 6 SPACING REQUIREMENTS ARE MET
- NO CONDUITS ARE PERMITTED WITHIN A DISTANCE "T" CLEAR FROM SLAB EDGE, SLAB DEPRESSION, OR DROP PANEL WITHOUT PRIOR WRITTEN APPROVAL BY SER
- WHERE NO BARS ARE PRESENT AT ONE OR MORE FACES OF SLAB, PROVIDE THE FOLLOWING REINFORCEMENT PERPENDICULAR TO THE CONDUIT(S) 3'-0" LONG OR EXTENDING 1'-0" PAST EACH SIDE OF CONDUIT(S), WHICHEVER IS LARGER:  
T < 8", #4@12" OC  
8" < T < 1'-0", #5@12" OC  
1'-0" < T < 1'-6", #6@12" OC
- ANY DEVIATIONS FROM THE ABOVE STATED CONDITIONS REQUIRE PRIOR WRITTEN APPROVAL BY SER

**2** TYPICAL CONDUITS IN SLAB

NOT TO SCALE



POST-TENSIONED CONCRETE NOTES:

- FOR POST-TENSIONED CONCRETE, MAXIMUM CONDUIT OUTER DIAMETER IS THE SMALLER OF:  
A. T/4  
B. 2"
- CONDUITS MAY NOT BE TIED TO, CONTACT, DISPLACE, OR INTERRUPT THE POST-TENSIONING REINFORCEMENT
- MAINTAIN A CLEAR SPACING BETWEEN TENDONS AND CONDUITS OF THREE TIMES THE DIAMETER OF THE CONDUIT BUT NOT LESS THAN 6 INCHES

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MEP/FP ENGINEERS:

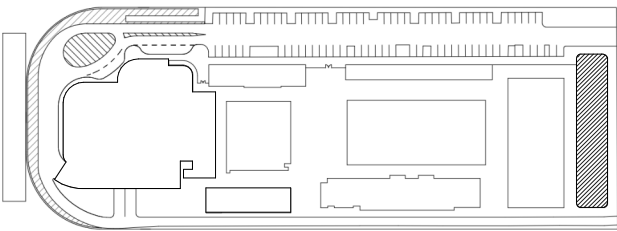
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KEY PLAN:



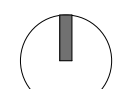
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PROJECT NORTH:



DRAWING TITLE  
TYPICAL CONCRETE SLAB DETAILS

PROJECT NUMBER: 010326.000

DATE: 08/14/20

SCALE: NOT TO SCALE

SHEET

**S4-301**

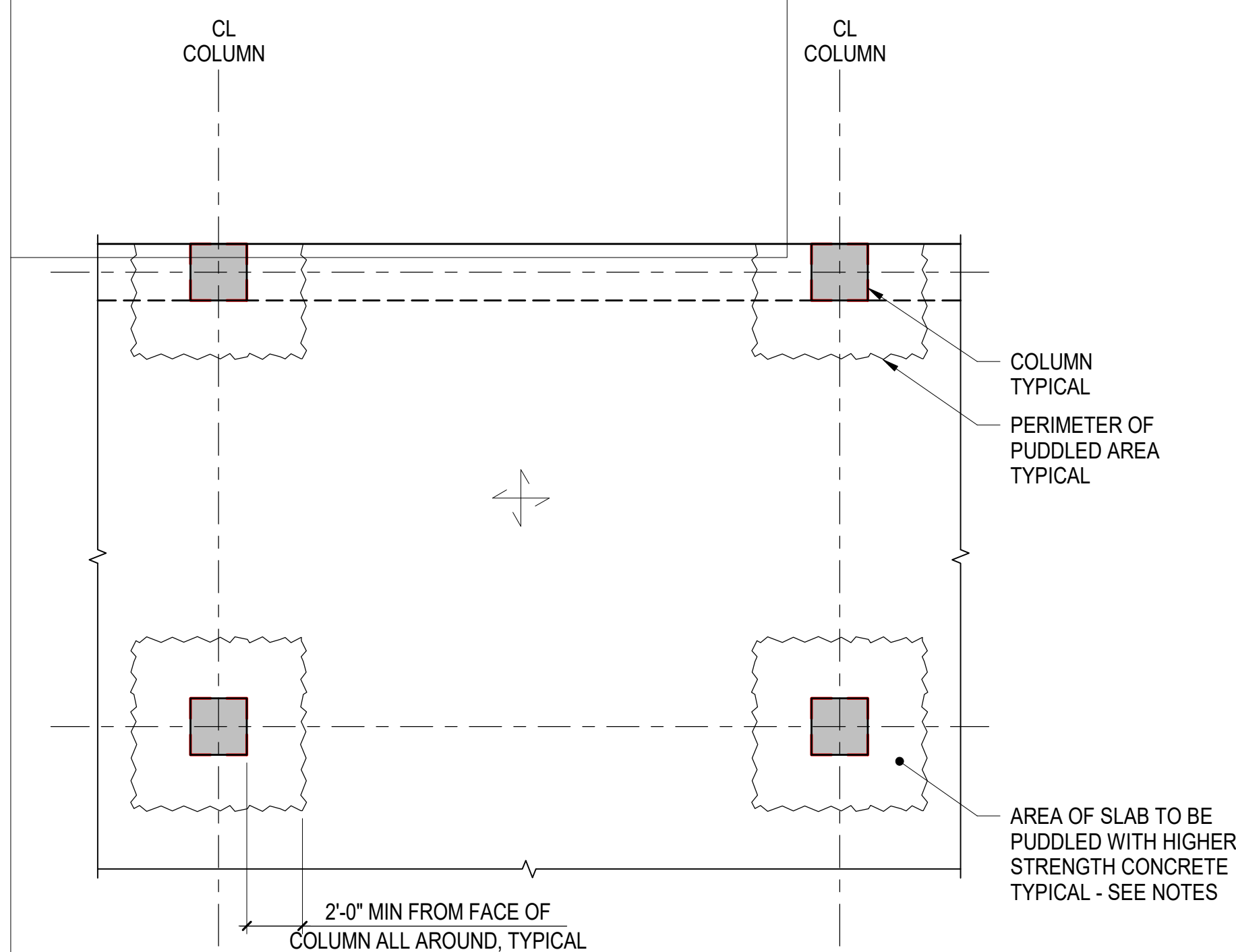


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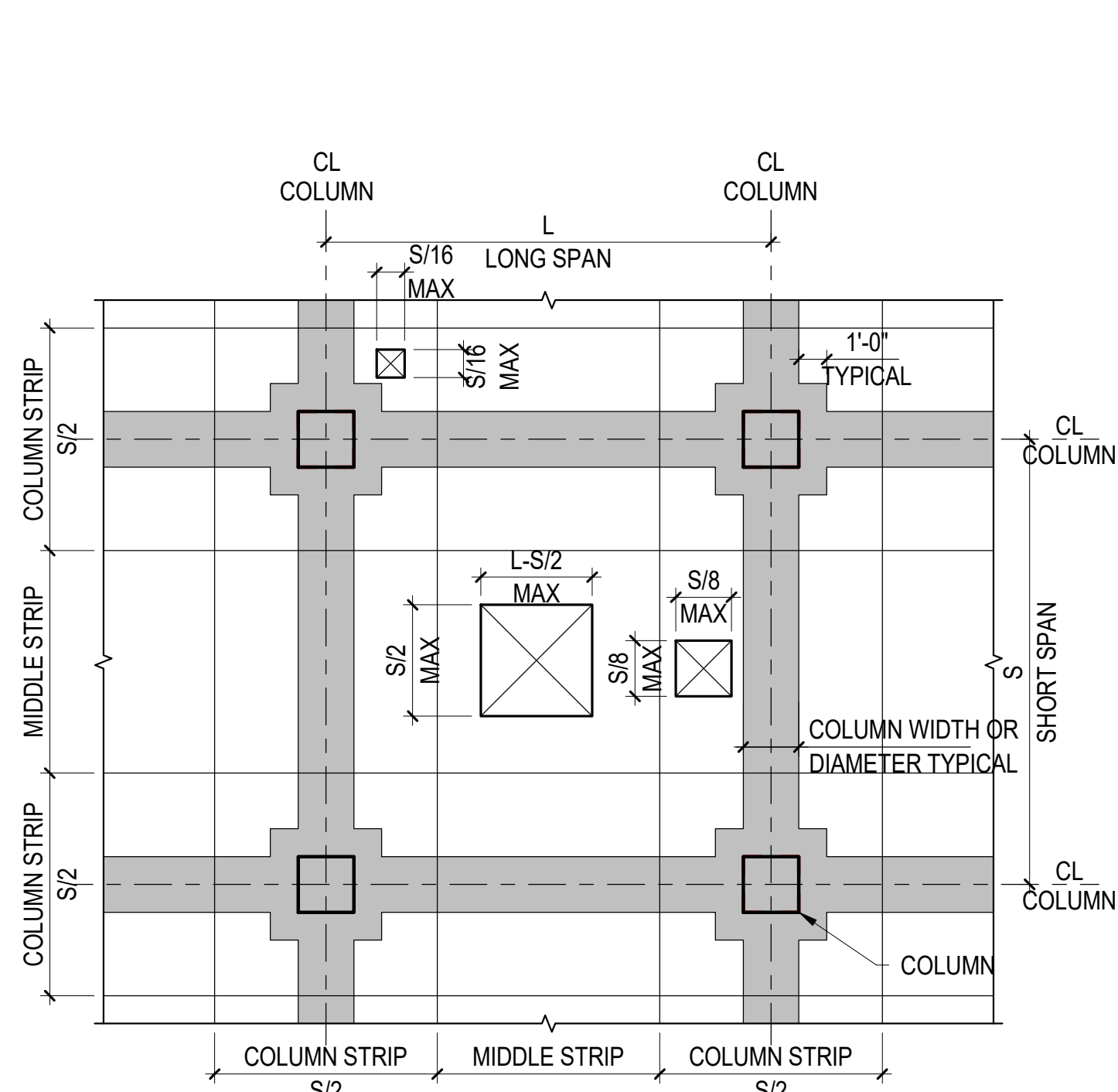
2022-06-17 6:27:45 PM TT Project Number: K20063.00 Sheet Number: S4-304



- NOTES:
- PUDDLING IS REQUIRED IN THE FLOOR AT ALL COLUMNS WHERE THE CONCRETE COMPRESSIVE STRENGTH ( $f'_c$ ) OF THE COLUMN ABOVE OR BELOW THE FLOOR IS GREATER THAN 1.4 TIMES THE CONCRETE COMPRESSIVE STRENGTH ( $f'_c$ ) OF THE FLOOR
  - SLAB AND BEAMS SHALL BE PUDDLED WITH THE LARGER CONCRETE COMPRESSIVE STRENGTH ( $f'_c$ ) USED FOR THE COLUMN ABOVE OR BELOW
  - PLACE THE HIGHER STRENGTH CONCRETE IN THE AREA TO BE PUDDLED BEFORE PLACING THE LOWER STRENGTH CONCRETE OF THE SLAB
  - THE DIFFERENT CONCRETE COMPRESSIVE STRENGTHS ( $f'_c$ ) SHALL BE WELL INTEGRATED AT THE PERIMETER OF THE PUDDLED AREA TO PROVIDE MONOLITHIC CONCRETE IN THE FINAL CONDITION

## 1 TYPICAL TWO-WAY SLAB PUDDLING PLAN

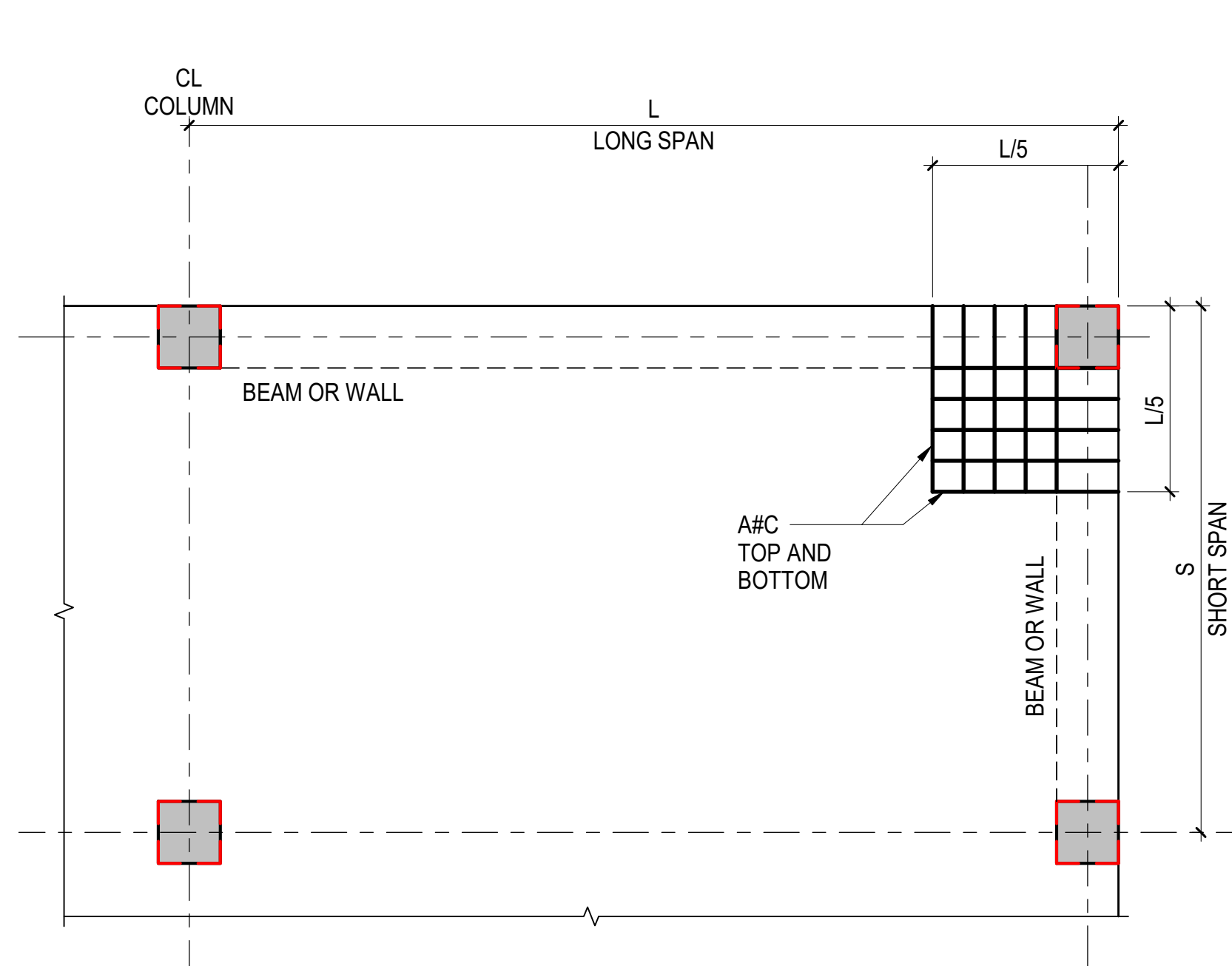
NOT TO SCALE



- NOTES:
- INDICATES ZONE WHERE OPENINGS ARE NOT PERMITTED WITHOUT WRITTEN APPROVAL BY SER. OPENINGS NOT SHOWN ON STRUCTURAL DRAWINGS MUST BE COORDINATED AND APPROVED BY SER
  - OPENINGS MEETING THE LIMITATIONS ABOVE SHALL BE PROVIDED WITH REINFORCEMENT AS SHOWN ON PLAN AND FOLLOWING TYPICAL SLAB OPENING DETAILS INCLUDING ADDITIONAL BARS FOR INTERRUPTED REINFORCEMENT
  - OPENINGS SHALL BE SHOWN ON COORDINATED PENETRATION DRAWINGS AND REINFORCEMENT SHOP DRAWINGS FOR SER REVIEW
  - OPENINGS NOT MEETING THESE LIMITATIONS MUST BE SUBMITTED TO THE SER FOR COORDINATION, DESIGN, AND APPROVAL PRIOR TO SUBMITTING SHOP DRAWINGS

## 2 TYPICAL TWO-WAY SLAB OPENING LIMITATIONS

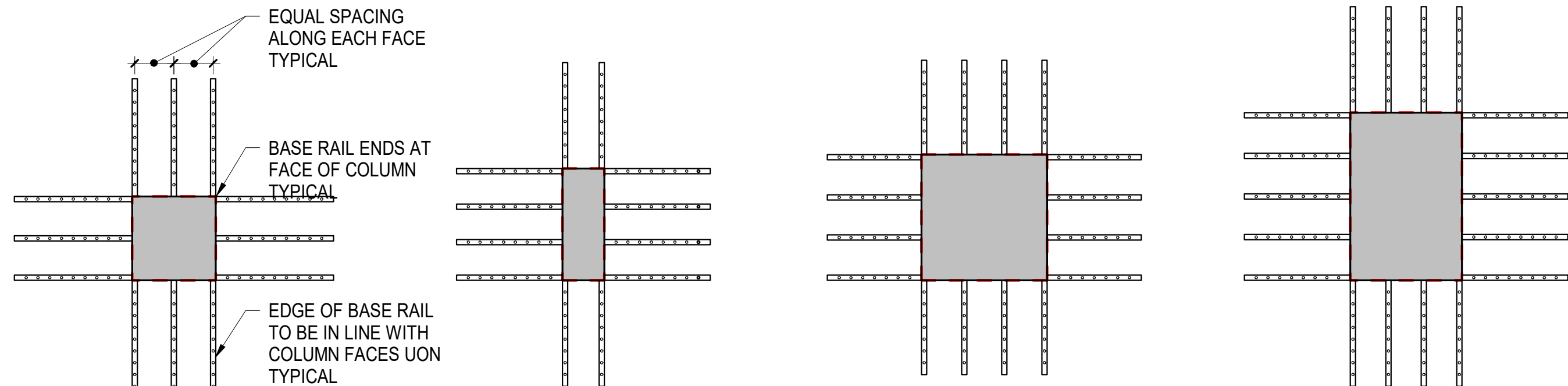
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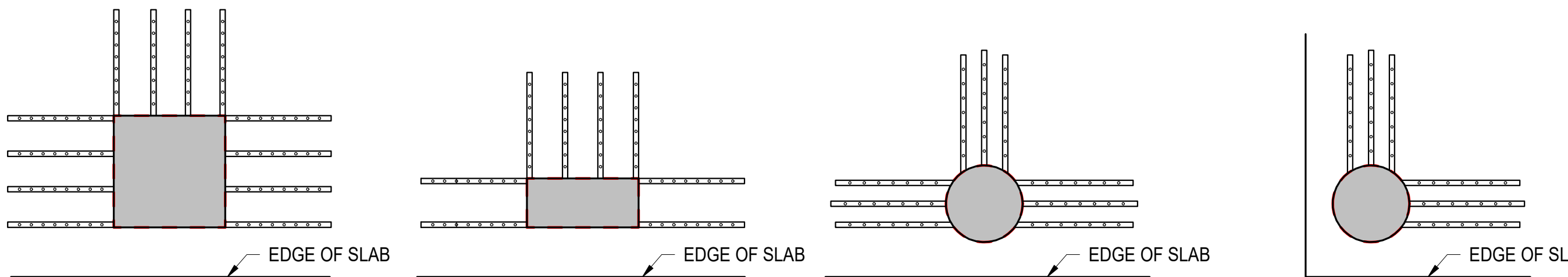
- NOTES:
- SEE PLAN FOR SLAB REINFORCEMENT. BARS SHOWN ABOVE ARE ADDITIONAL TO THOSE SHOWN ON PLAN. BARS SHALL BE LOCATED IN SAME LAYERS AS SLAB REINFORCEMENT. BEAM TOP BARS TO BE LOCATED BELOW SLAB TOP BARS.
  - ADDITIONAL BARS TO BE EQUALLY SPACED WITHIN EXTENT SHOWN ABOVE.
  - ADDITIONAL TOP BARS TO BE HOOKED INTO SUPPORT. ADDITIONAL BOTTOM BARS TO EXTEND 6" INTO SUPPORT.

## 3 TYPICAL BEAM OR WALL SUPPORTED SLAB EXTERIOR CORNER DETAIL

NOT TO SCALE



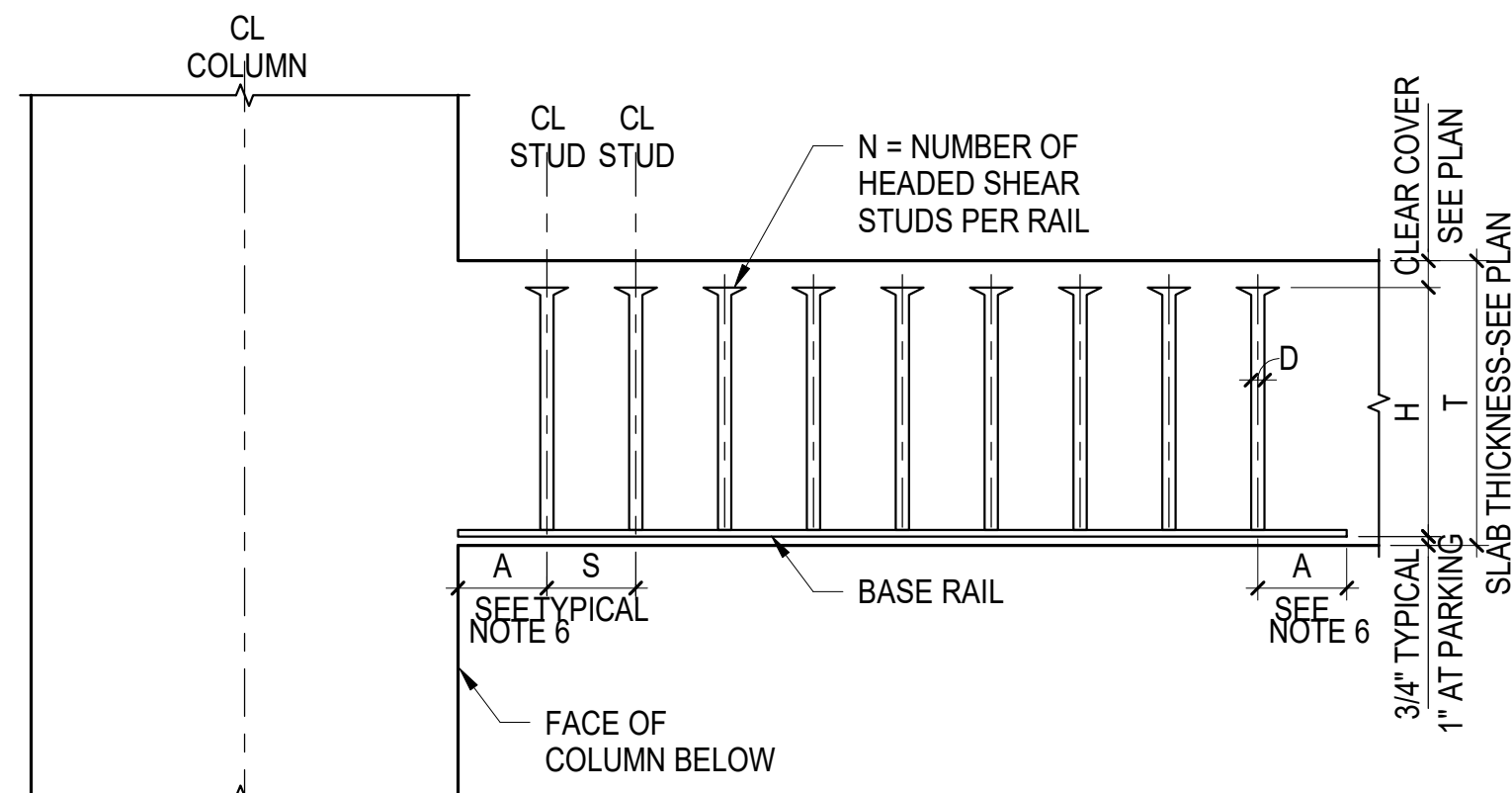
## A TYPE A - INTERIOR COLUMN (12 RAILS) B TYPE B - INTERIOR COLUMN (12 RAILS) C TYPE C - INTERIOR COLUMN (16 RAILS) D TYPE D - INTERIOR COLUMN (18 RAILS)



## E TYPE E - EDGE COLUMN (12 RAILS) F TYPE F - EDGE COLUMN (8 RAILS) G TYPE G - EDGE COLUMN (9 RAILS) H TYPE H - CORNER COLUMN (6 RAILS)

## 4 HEADED SHEAR STUD REINFORCEMENT TYPE - PLAN ARRANGEMENT

NOT TO SCALE



## A HEADED SHEAR STUD REINFORCEMENT ELEVATION

- NOTES:
- HEADED SHEAR STUD REINFORCEMENT BY DECON OR APPROVED EQUAL
  - SEE PLANS FOR HEADED SHEAR STUD REINFORCEMENT LOCATIONS
  - HEADED STUDS AND RAIL ASSEMBLY SHALL CONFORM TO ASTM 1044 WITH STUD  $F_y=50$  KSI MINIMUM
  - ALL DIMENSIONS ARE IN INCHES
  - BASE RAILS TO BE PLACED PERPENDICULAR TO COLUMN FACES
  - DIMENSION A TO BE LESSER OF 3" OR  $H/2$
  - TYPE REFERS TO HEADED SHEAR STUD REINFORCEMENT TYPE - PLAN ARRANGEMENT

STUDRAIL SCHEDULE						
STUDRAIL MARK	TYPE SEE NOTE 7	A	H	D	N	S
SR-X	-	-	-	-	-	-

## 5 HEADED SHEAR STUD REINFORCEMENT ELEVATION AND SCHEDULE

NOT TO SCALE

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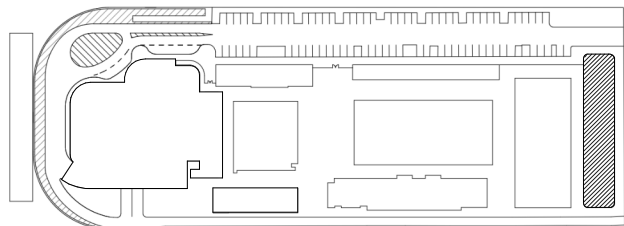
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KEY PLAN:



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PROJECT NORTH:



DRAWING TITLE  
TYPICAL CONCRETE TWO-WAY SLAB DETAILS

PROJECT NUMBER: 010326.000

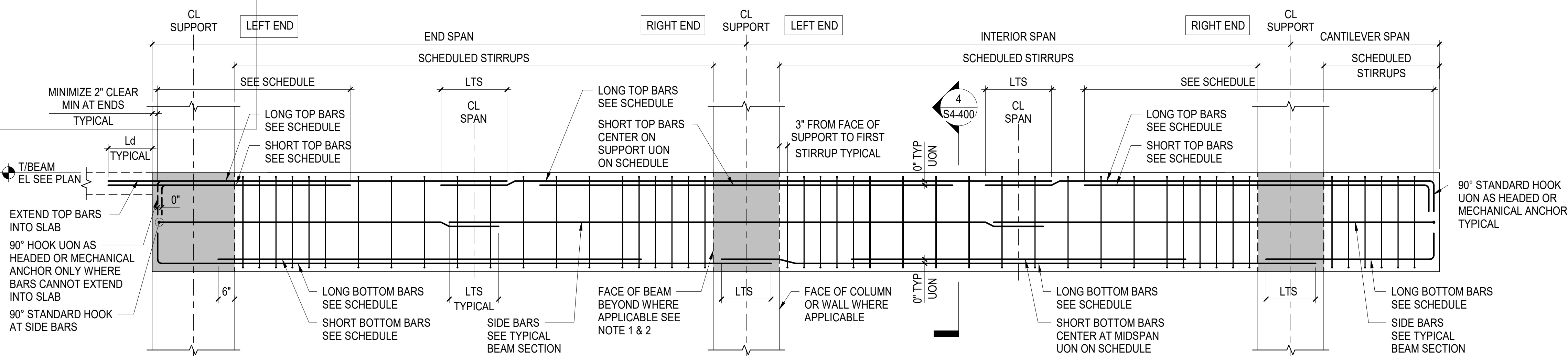
DATE: 04/01/2016

SCALE: As indicated

SHEET

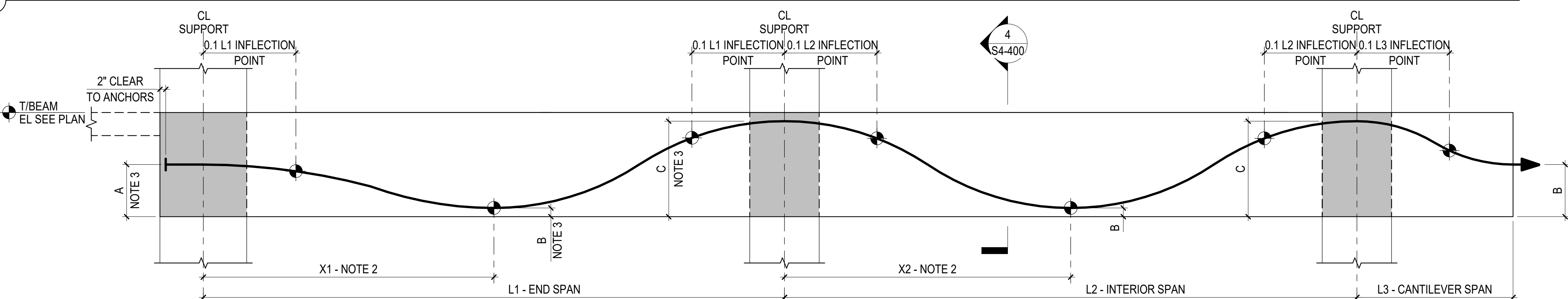
S4-304





- NOTES:
- ELEVATION AS SHOWN REPRESENTS STIRRUP ARRANGEMENT AT COLUMN SUPPORTS
  - FOR STIRRUP ARRANGEMENT AT BEAM SUPPORT SEE TYPICAL DETAILS AT POST-TENSIONED BEAM JOINT SUPPORT
  - SEE TYPICAL CONCRETE BEAM DETAILS SHEET FOR BEAM STIRRUPS TYPES
  - CONTRACTOR TO MINIMIZE NUMBER OF SPLICES
  - IF SPLICES ARE REQUIRED THE SPLICES SHALL BE LOCATED WHERE INDICATED ON THIS DETAIL

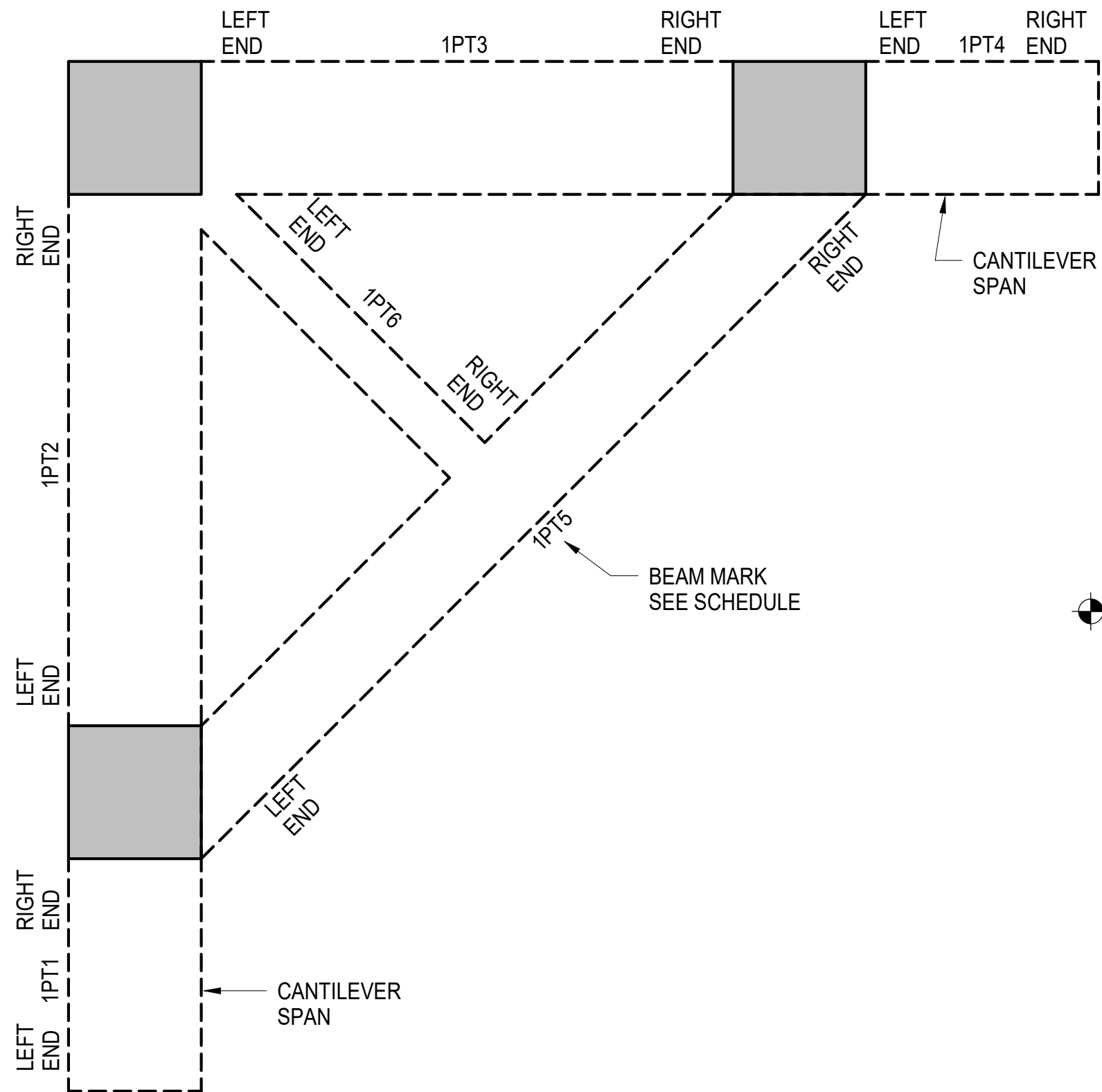
**A NONPRESTRESSED REINFORCEMENT ELEVATION**



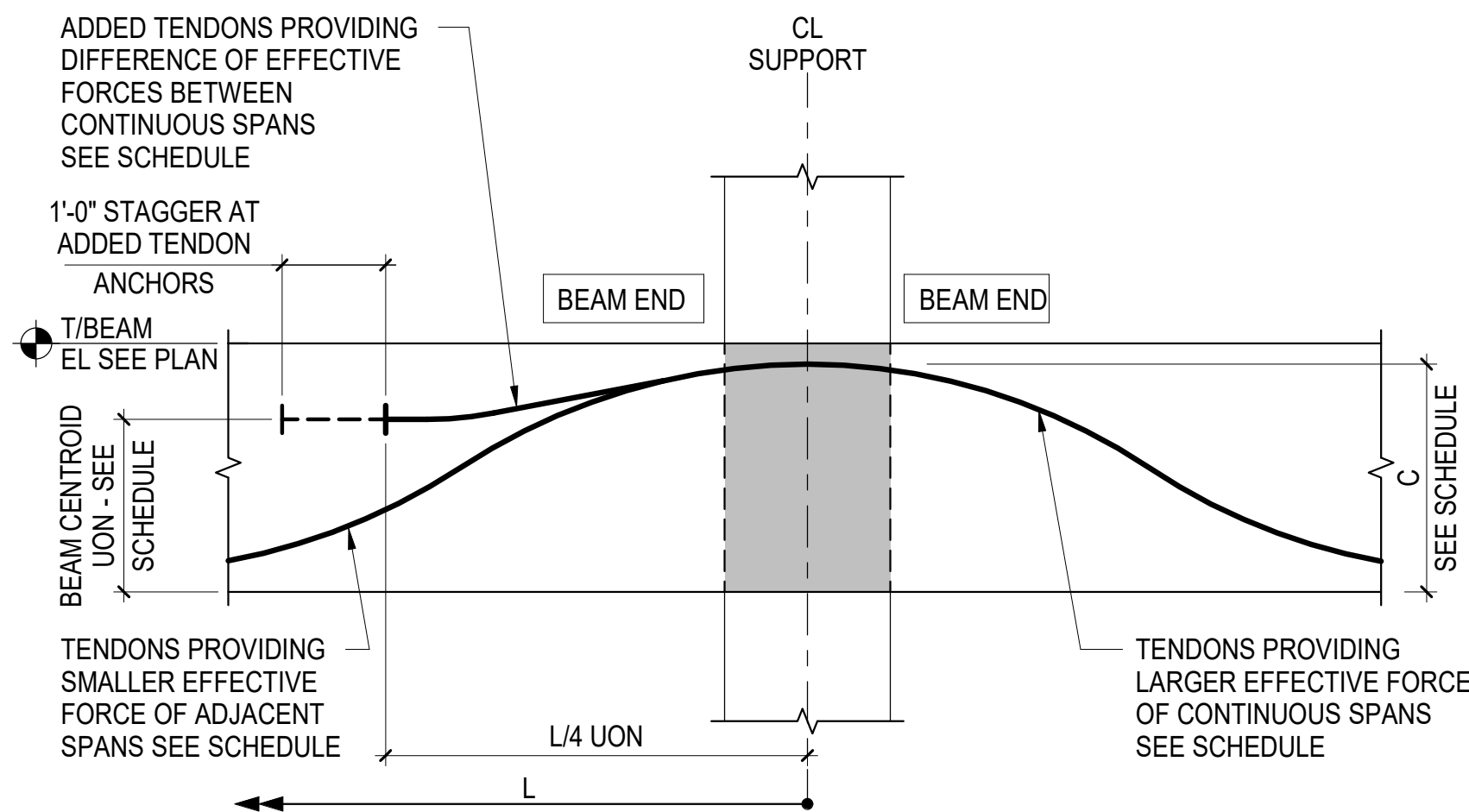
- NOTES:
- INFLECTION POINT IS LOCATION ALONG TENDON PROFILE WHERE TENDON CURVATURE REVERSES
  - X# LOCATES THE TENDON LOW POINT ALONG SPAN L#. THIS LOCATION IS DETERMINED FROM THE RATIO X/L AS SHOWN IN THE POST-TENSIONED BEAM SCHEDULE.
  - DIMENSIONS A, B, C ARE MEASURED FROM BOTTOM OF BEAM TO CENTROID OF TENDON FORCE, SEE SCHEDULE

**B POST-TENSIONING REINFORCEMENT ELEVATION**

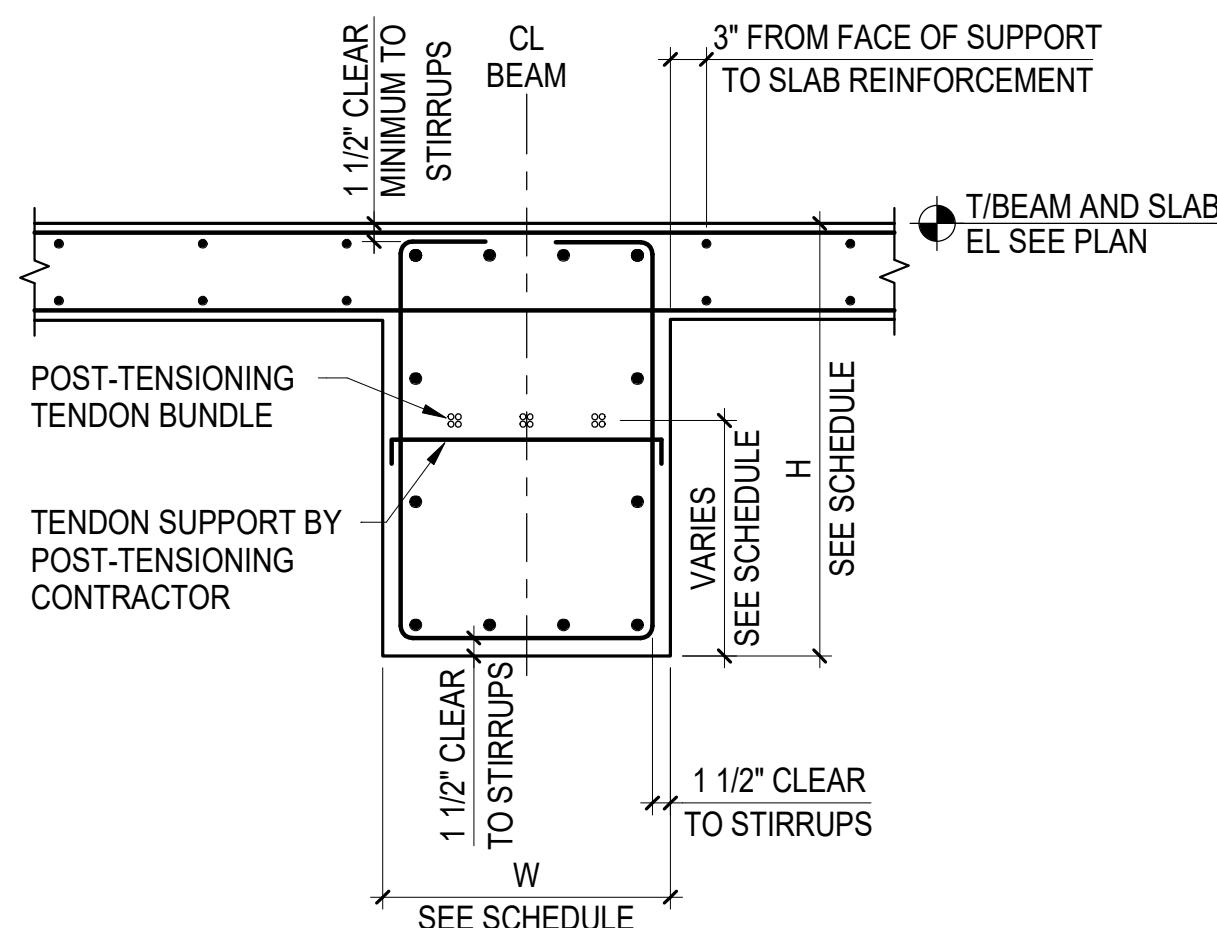
**1 TYPICAL POST-TENSIONED BEAM ELEVATIONS**  
NOT TO SCALE



**2 POST-TENSIONED BEAM ORIENTATION KEY PLAN**  
NOT TO SCALE



**3 TYPICAL POST-TENSIONED BEAM WITH ADDED TENDONS**  
NOT TO SCALE



- NOTES:
- SEE TYPICAL BEAM SECTION ON TYPICAL CONCRETE BEAM DETAILS SHEET FOR INFORMATION NOT SHOWN

**4 TYPICAL POST-TENSIONED BEAM SECTION**  
NOT TO SCALE

ARQUITECTONICA

**OWNER:**  
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Boca Raton, FL 33432  
TEL: 561.705.5353

**ARCHITECT:**  
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TEL: 305.372.1812

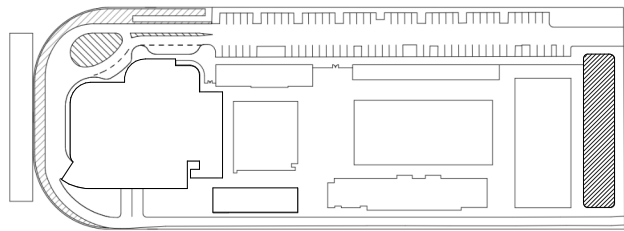
**STRUCTURAL ENGINEER:**  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300 • FL CA#7519

**MEP/FP ENGINEERS:**  
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
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**CIVIL ENGINEER:**  
KEITH  
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TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



△	DESCRIPTION	DATE
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CONSTRUCTION

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PROJECT NORTH:



DRAWING TITLE  
**TYPICAL POST-TENSIONED BEAM  
DETAILS**

PROJECT NUMBER: 010326.000  
DATE: 07/17/2018  
SCALE: As indicated  
SHEET

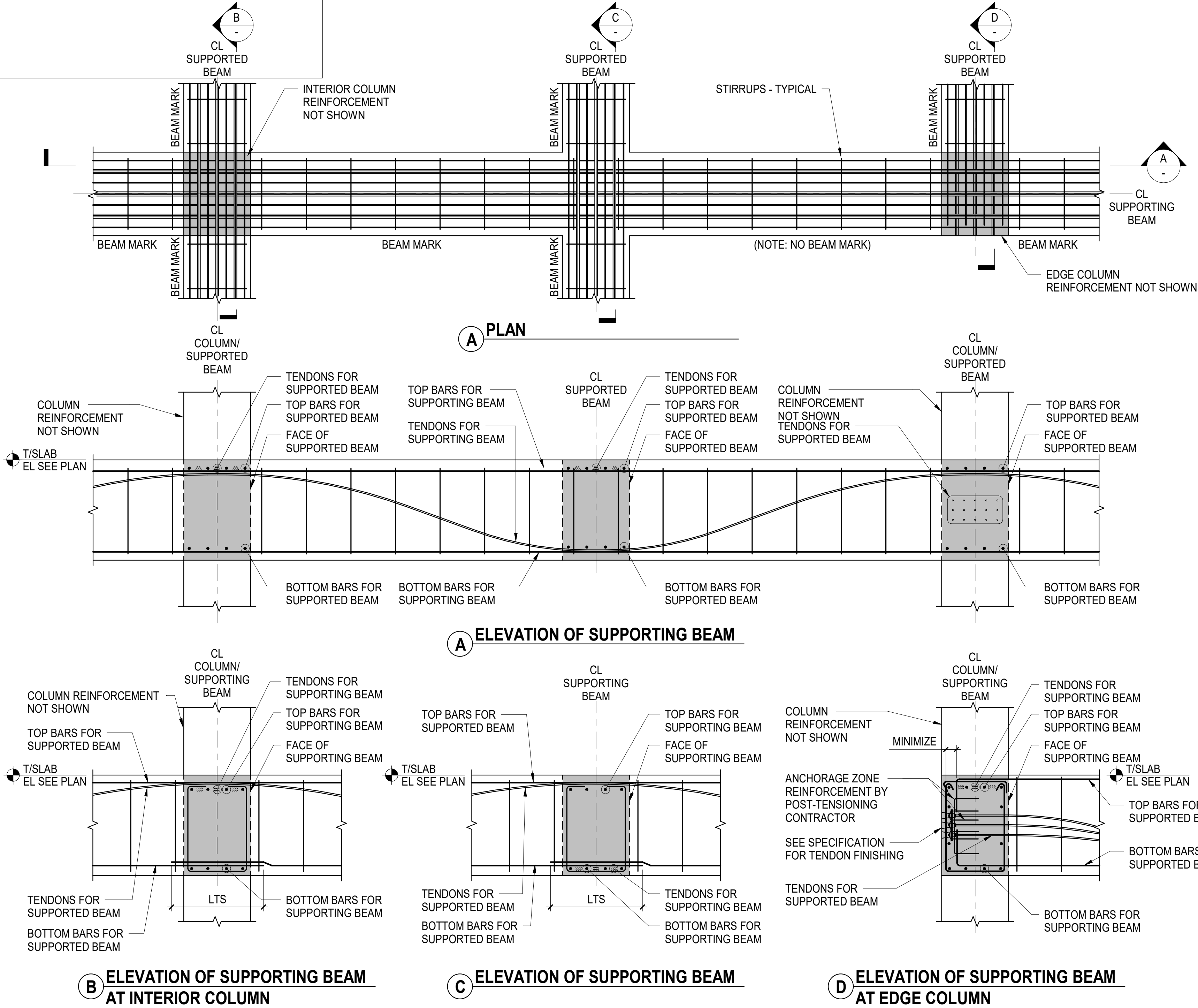
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1  
SCALE: NOT TO SCALE

## TYPICAL DETAILS AT POST-TENSIONED BEAM JOINT SUPPORT



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2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

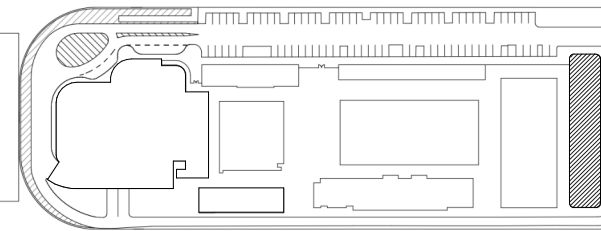
STRUCTURAL ENGINEER:  
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FORT LAUDERDALE, FL 33301  
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PROJECT NORTH:



DRAWING TITLE  
TYPICAL POST-TENSIONED BEAM  
DETAILS-II

PROJECT NUMBER: 010326.000

DATE: 06/13/22

SCALE: NOT TO SCALE

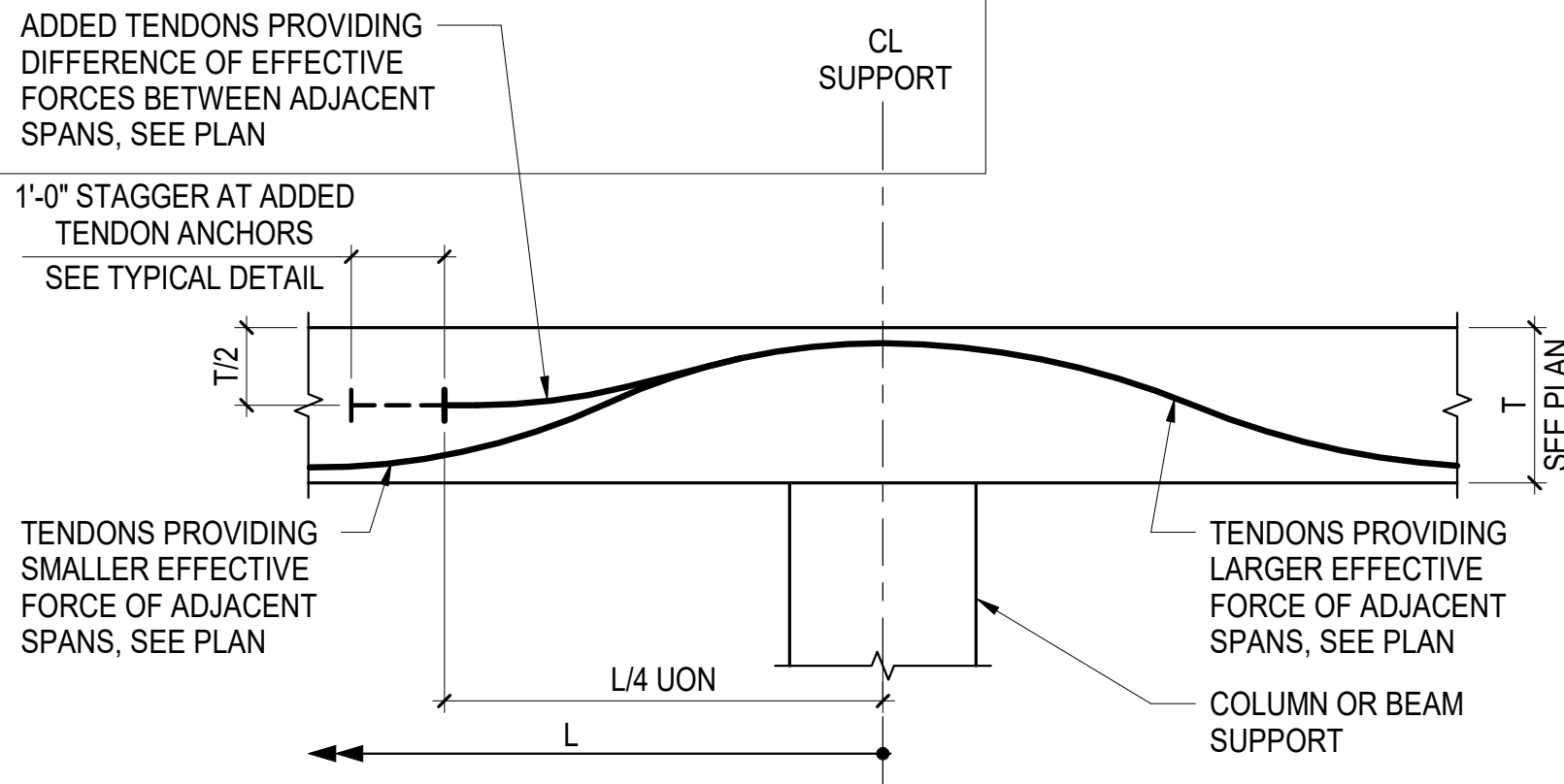
SHEET

S4-401

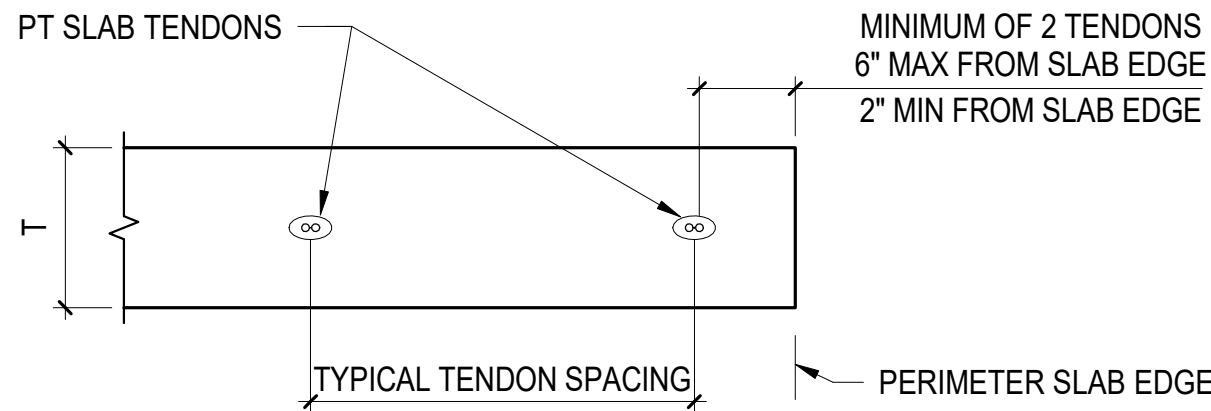




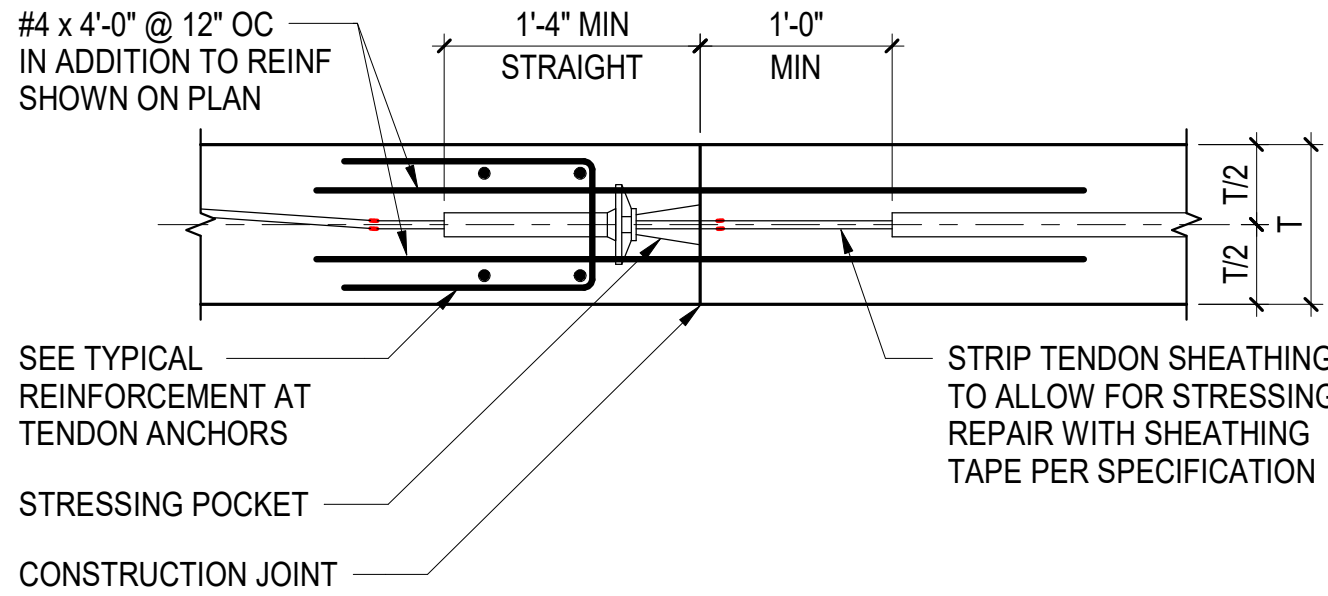




1 TYPICAL POST-TENSIONED SLAB WITH ADDED TENDONS  
NOT TO SCALE



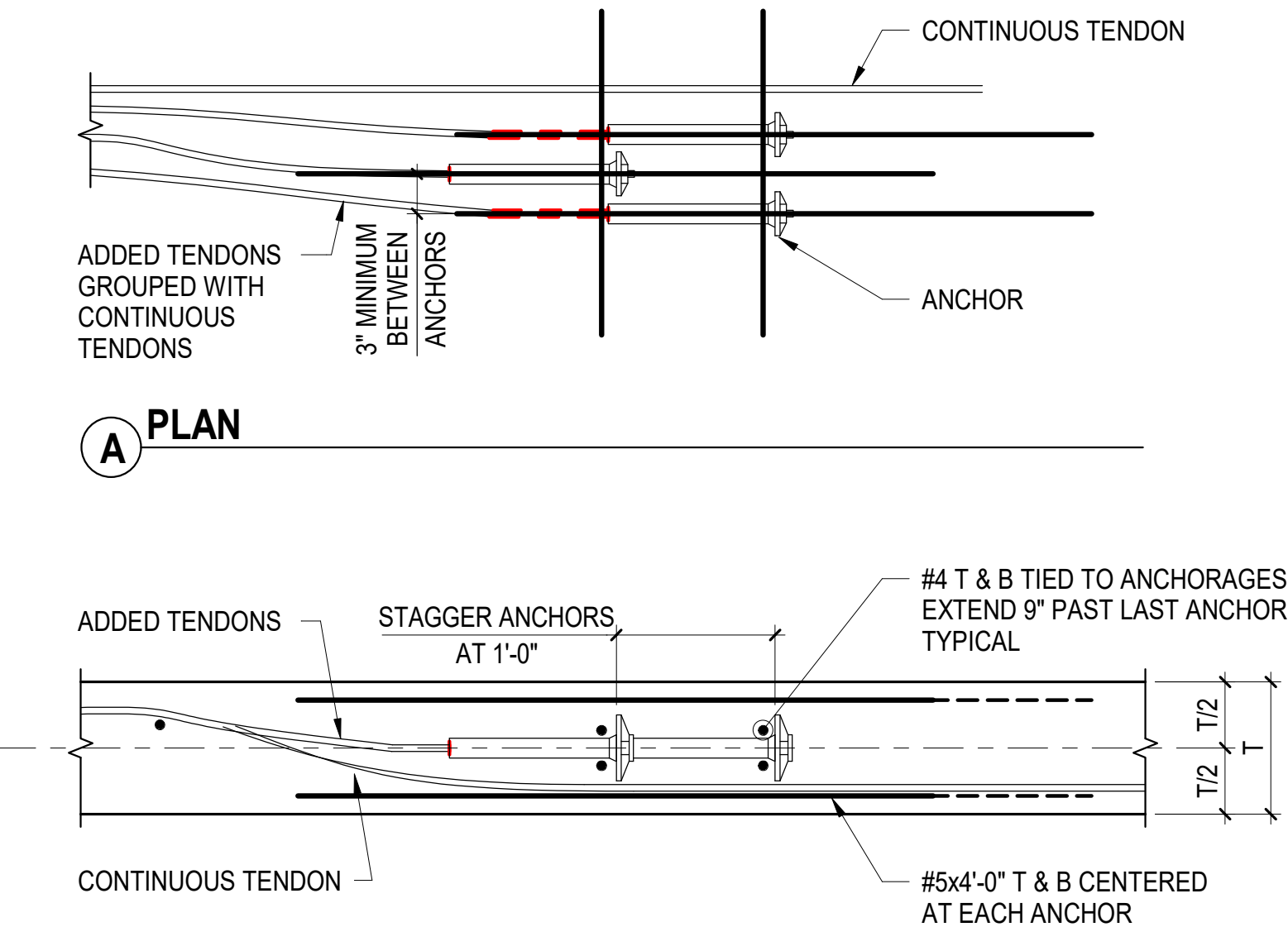
2 TYPICAL PLACEMENT OF UNIFORMLY SPACED TENDONS PARALLEL TO SLAB EDGE  
NOT TO SCALE



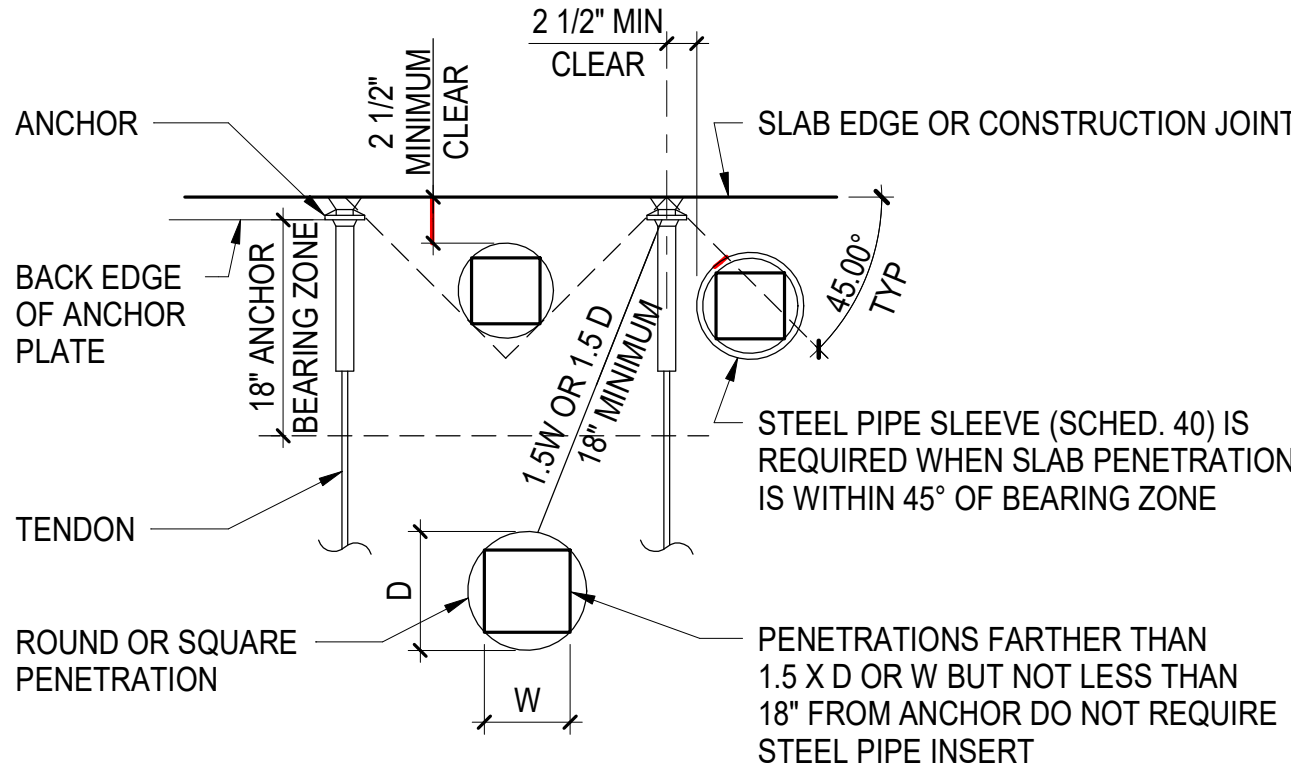
NOTES:

1. CONTINUE ALL REINFORCEMENT ON PLAN THROUGH JOINT (NOT SHOWN FOR CLARITY)

3 TYPICAL REINFORCEMENT AT CONSTRUCTION JOINT WITH INTERMEDIATE STRESSING ANCHORS  
NOT TO SCALE



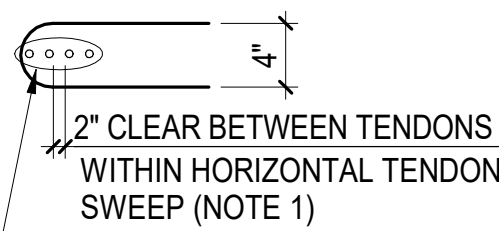
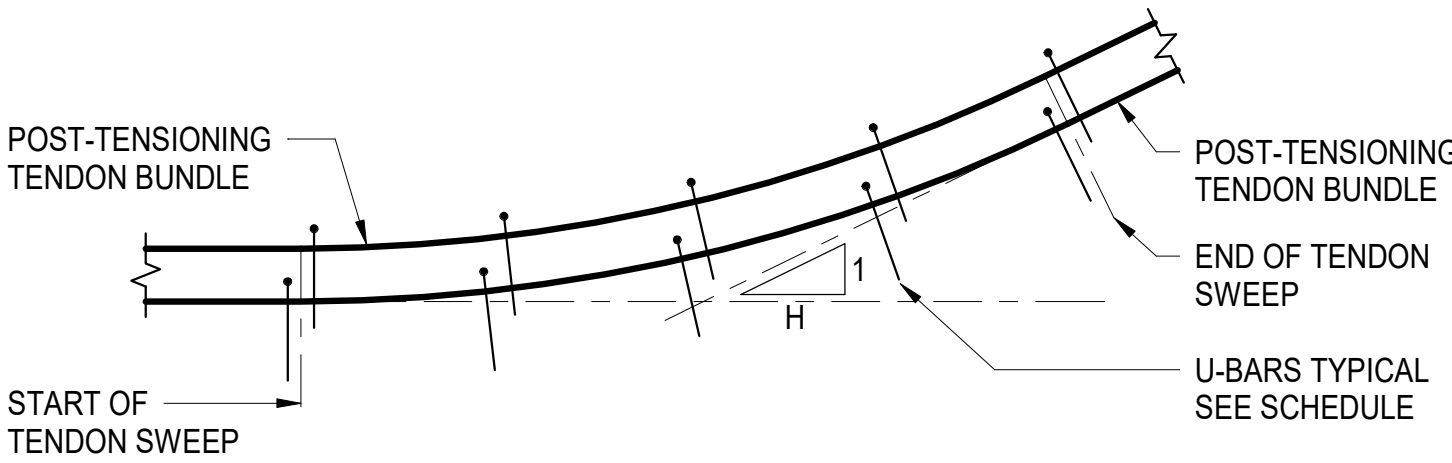
4 TYPICAL REINFORCEMENT AT ADDED SLAB TENDONS  
NOT TO SCALE



NOTES:

1. DETAIL APPLIES AT ALL TENDON ANCHOR LOCATIONS (DEAD END OR STRESSING END) INCLUDING ANCHORS AT INTERMEDIATE STRESSING POINTS AND ADDED TENDONS
2. PENETRATION WITH DIMENSIONS GREATER THAN OR EQUAL TO 1'-0" REQUIRE REINFORCEMENT PER TYPICAL POST-TENSIONED SLAB OPENING DETAIL
3. HORIZONTAL CONDUITS IN THE SLAB SHALL NOT PENETRATE THE POST-TENSIONING ANCHORAGE BEARING ZONE

5 TYPICAL REINFORCEMENT AT ANCHORAGE ZONE PENETRATIONS  
NOT TO SCALE



MAXIMUM OF 4 TENDONS PER U-BAR ADD MULTIPLE U-BARS AS REQUIRED AT EQUAL SPACING TO ENCLOSE ALL BANDED OR DISTRIBUTED TENDONS WITHIN SWEEP

NOTES:

1. CLEAR SPACING BETWEEN TENDONS APPLIES WHETHER U-BARS REQUIRED OR NOT

TENDON SLOPE	# U-BARS WITHIN TENDON SWEEP
$8 \leq H$	NO U-BAR REQUIRED
$3 \leq H < 8$	#4@24" MAX (4 U-BARS MIN)
$2 \leq H < 3$	#4@12" MAX (5 U-BARS MIN)
$H < 2$	CONSULT SER

6 TYPICAL DETAIL AT HORIZONTAL TENDON SWEEP  
NOT TO SCALE

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55 NE 5th Avenue, Suite 501  
Boca Raton, FL 33432  
TEL:561.705.5353

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MIAMI, FL 33133  
TEL:305.372.1812

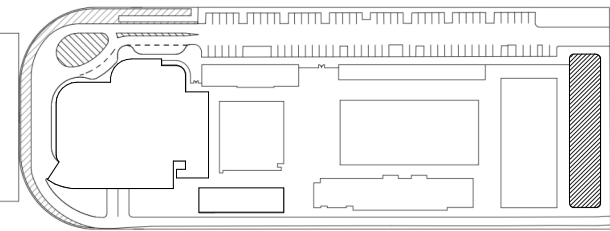
STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL:954.903.9300 • FL CA#7519

MEP/FP ENGINEERS:  
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TEL:954.949.2200

CIVIL ENGINEER:  
KEITH  
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TEL:954.788.3400

PROJECT  
ISHOF  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



△	DESCRIPTION	DATE
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PROJECT NORTH:



DRAWING TITLE  
TYPICAL POST-TENSIONED SLAB  
DETAILS-I

PROJECT NUMBER: 010326.000

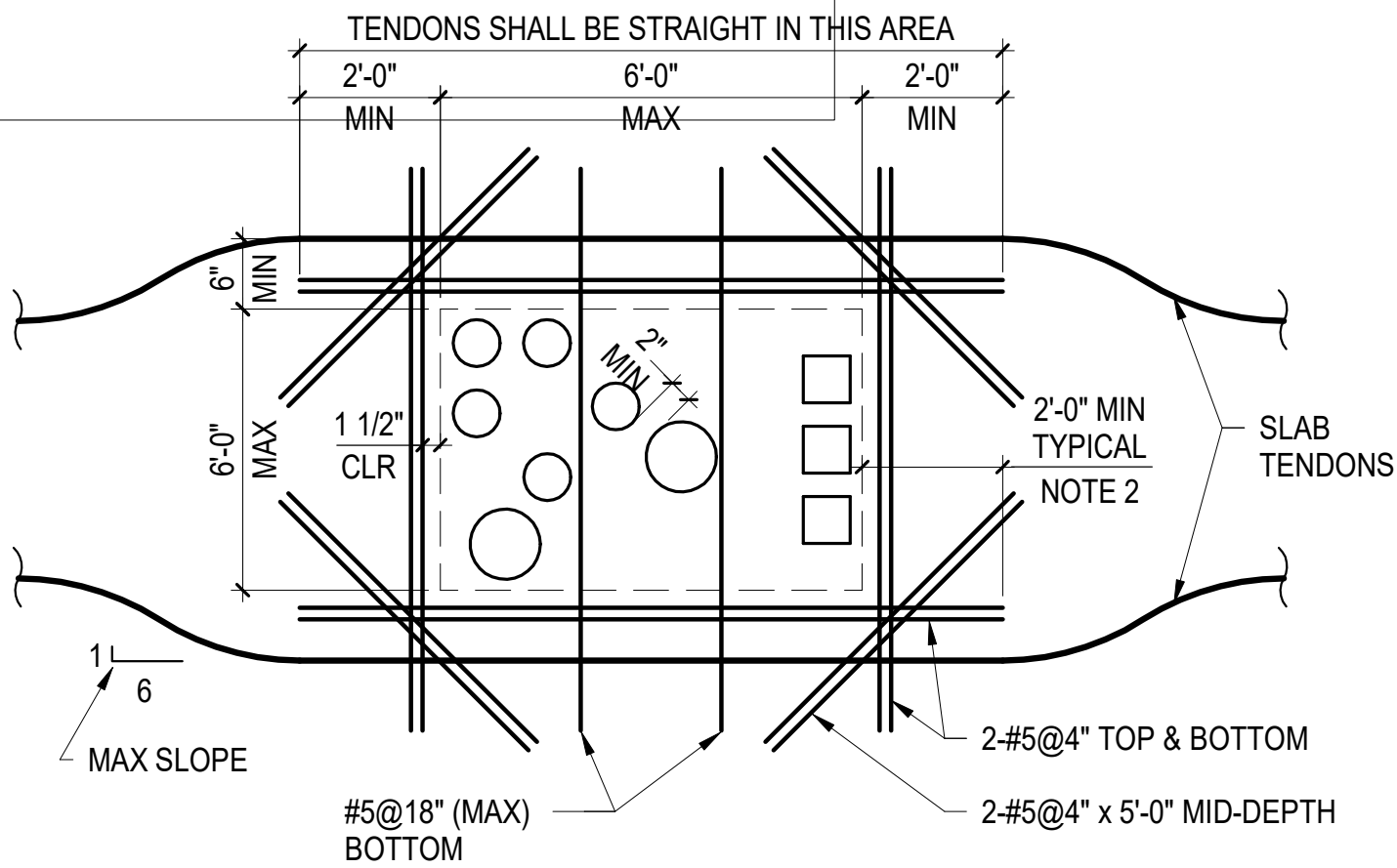
DATE: 04/01/2016

SCALE: As indicated

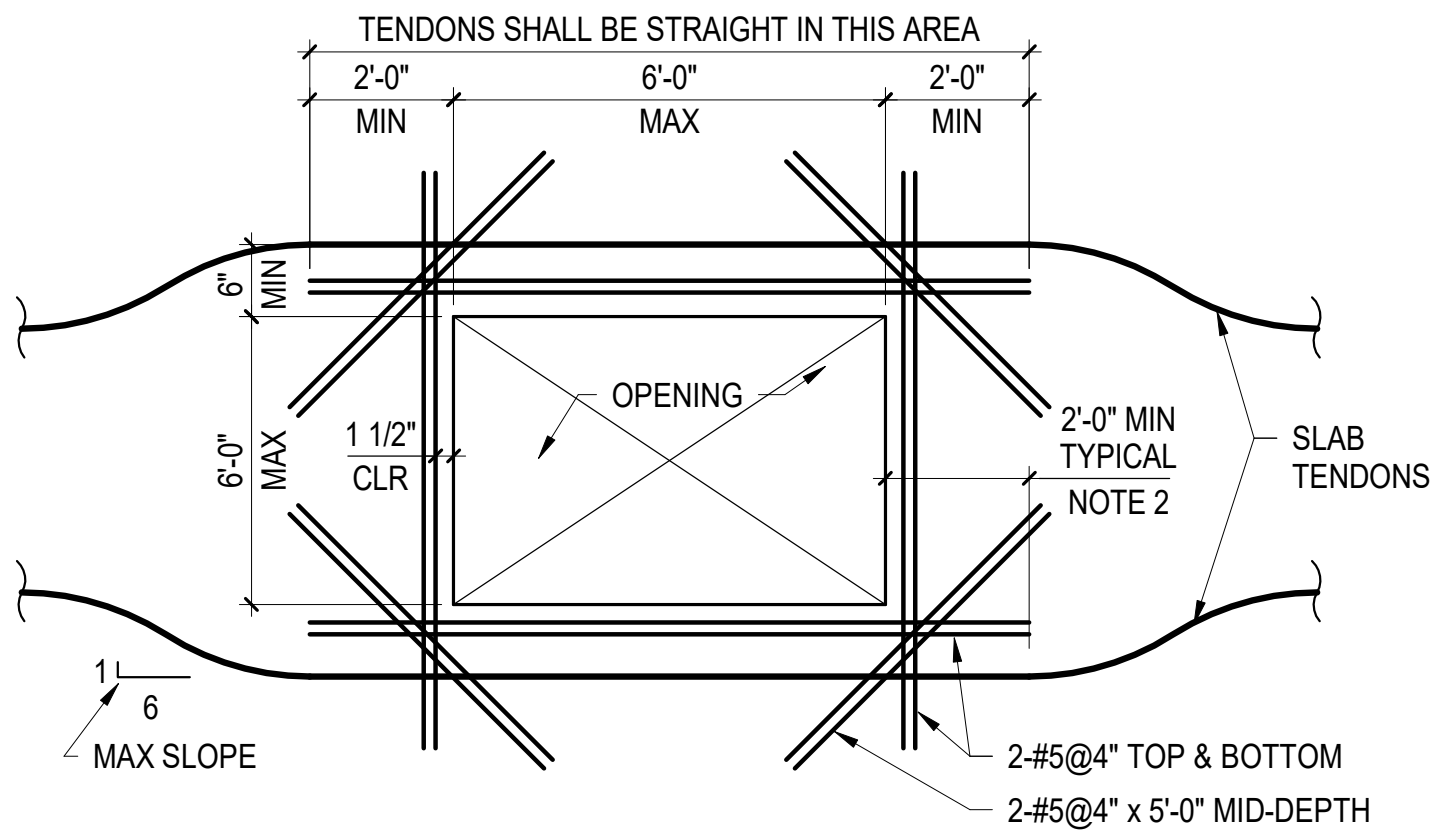
SHEET

S4-500

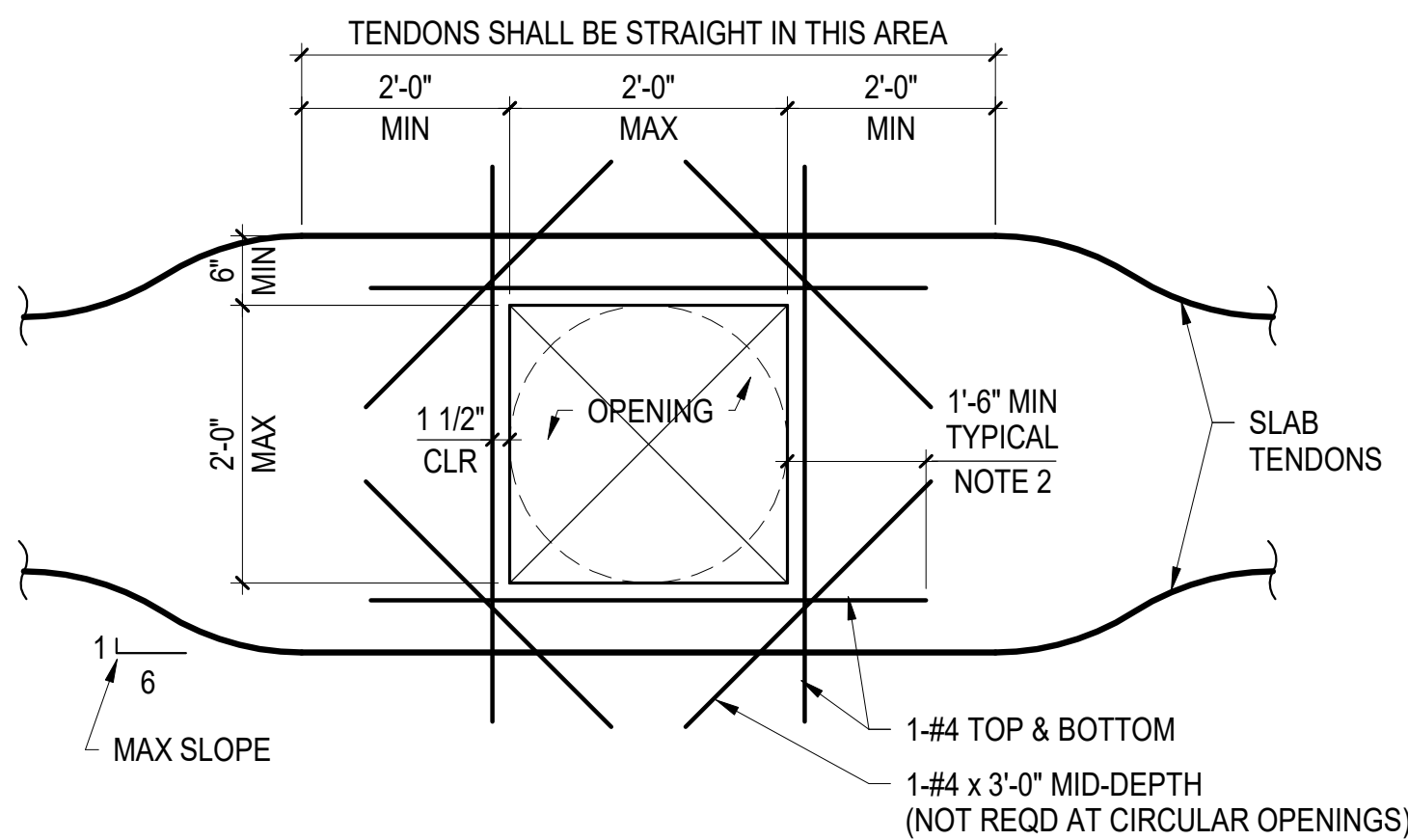




**A** DETAIL AT CLUSTERED PENETRATIONS



**B** DETAIL AT SINGLE OPENING  
(EITHER DIMENSION GREATER THAN 2'-0" BUT LESS THAN OR EQUAL TO 6'-0")



**C** DETAIL AT SINGLE OPENING  
(BOTH DIMENSIONS LESS THAN OR EQUAL TO 2'-0")

NOTES:

1. NOTIFY THE SER IN WRITING OF OPENINGS NOT SHOWN ON PLANS OR OF CONDITIONS NOT COVERED BY THESE DETAILS
2. PROVIDE STANDARD ACI 180° HOOK WHERE MINIMUM BAR EXTENSION PAST EDGE OF OPENING IS NOT POSSIBLE
3. ADDITIONAL REINFORCEMENT NOT REQUIRED FOR SLAB OPENINGS LESS THAN 1'-0" x 1'-0"

**1** TYPICAL POST-TENSIONED SLAB OPENING DETAIL  
SCALE: NOT TO SCALE

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ARCHITECT:  
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MIAMI, FL 33133  
TEL: 305.372.1812

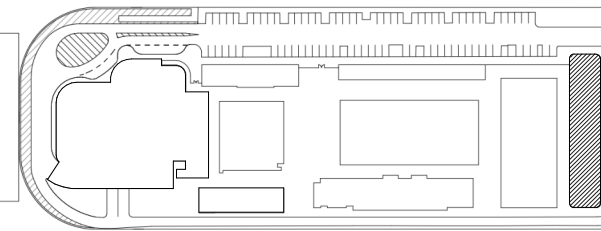
STRUCTURAL ENGINEER:  
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FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300 • FL CA#7519

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**ISHOF**  
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KEY PLAN:



△ DESCRIPTION DATE

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PROJECT NORTH:



DRAWING TITLE  
TYPICAL POST-TENSIONED SLAB  
DETAILS-II

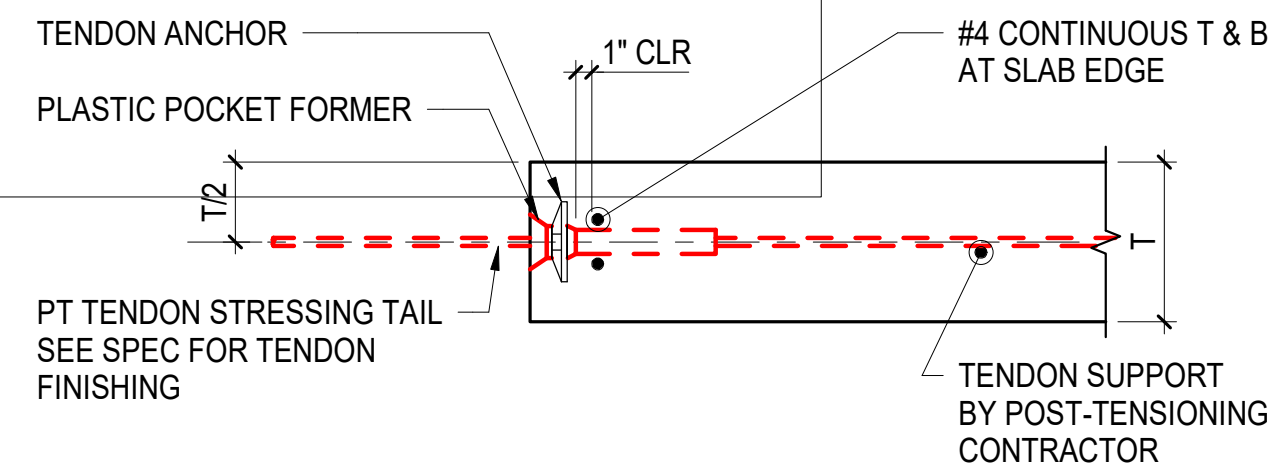
PROJECT NUMBER: 010326.000  
DATE: 06/13/22  
SCALE: NOT TO SCALE  
SHEET

S4-501

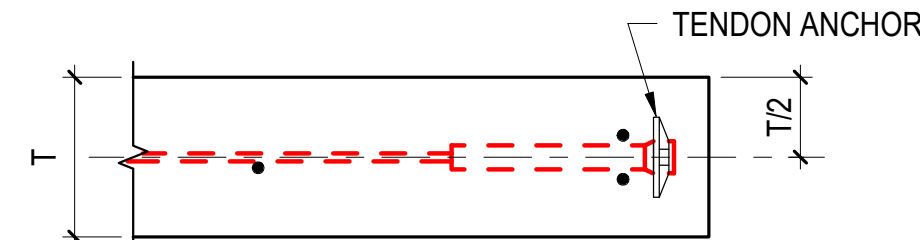








### **A** DETAIL AT STRESSING END ANCHORS



NOTES:

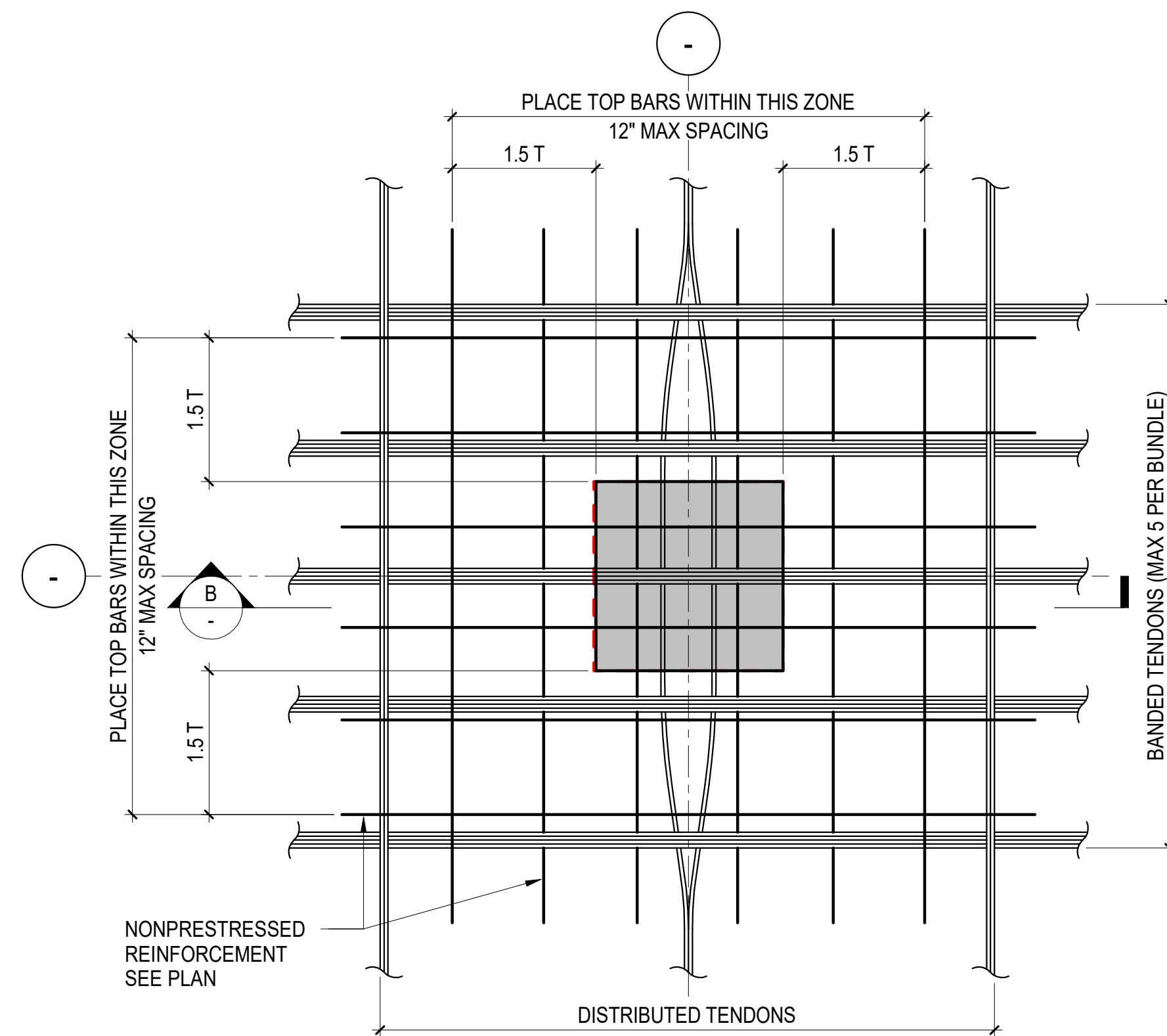
1. SEE DETAILS AT STRESSING END  
FOR INFORMATION NOT SHOWN

### **B** DETAIL AT DEAD END ANCHORS

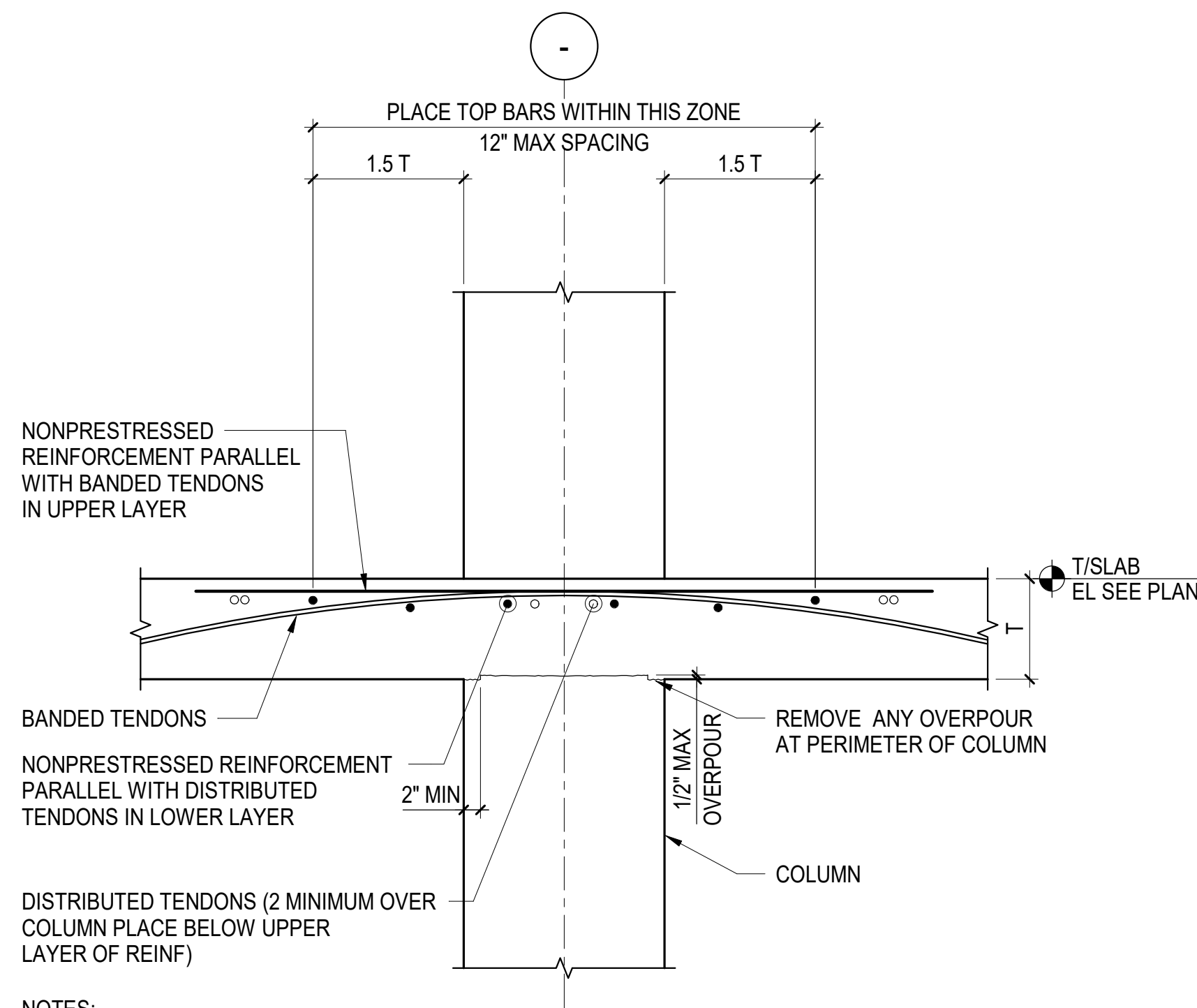
## TYPICAL POST-TENSIONED TWO-WAY FLAT PLATE

## 1 DETAILS AT DISTRIBUTED TENDONS

SCALE: NOT TO SCALE



**A PLAN VIEW AT COLUMN**



**B** SECTION AT COLUMN

## TYPICAL POST-TENSIONED TWO-WAY FLAT PLATE

## 2 DETAILS AT COLUMN

SCALE: NOT TO SCALE

**OWNER:**  
Capital Group P3  
35 NE 5th Avenue, Suite 501  
3304 Raton, FL 33432  
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**ARCHITECT:**  
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MIAMI, FL 33133  
TEL:305.372.1812

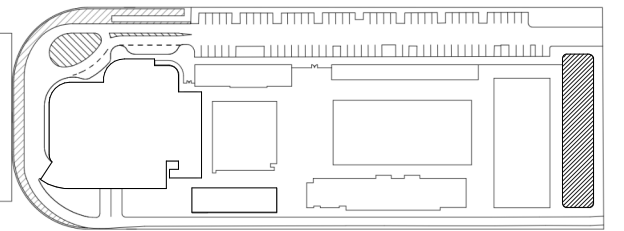
**STRUCTURAL ENGINEER:**  
THORNTON TOMASETTI  
10000 N. W. 11TH AVENUE, STE. 1170  
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TEL:954.903.9300 - FL CA#7519

**ME/FP ENGINEERS:**  
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**CIVIL ENGINEER:**  
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TEL:954.788.3400

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**KEY PLAN:**



△	DESCRIPTION	DATE
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APPLICABLE BUILDING CODES

SUBJECT NORTH:



DRAWING TITLE

TYPICAL POST-TENSIONED TWO-WAY  
SLAB DETAILS-II

PROJECT NUMBER: 010326.000

DATE: 06/13/22

E: As indicated

SHEET

S4-503





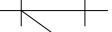


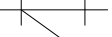

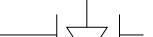

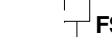
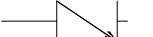

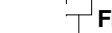


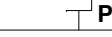




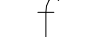


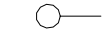


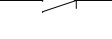

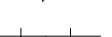





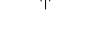




## MECHANICAL LEGEND

	NEW SUPPLY AIR DIFFUSER		REMOTE TEMPERATURE SENSOR
	NEW RETURN AIR GRILLE		THERMOSTAT
	WALL LOUVER / WALL DIFFUSER		HUMIDISTAT
	REDUCER OR INCREASER		CARBON DIOXIDE SENSOR
	NEW FLEX DUCT		CARBON MONOXIDE SENSOR
	NEW HARD DUCTWORK		DUCT SMOKE DETECTOR
	INCLINED RISE IN DIRECTION OF AIR FLOW, FLAT BOTTOM		SUPPLY AIR DIFFUSER OR GRILLE DESIGNATION
	INCLINED DROP IN DIRECTION OF AIR FLOW, FLAT BOTTOM		RETURN/EXHAUST AIR DIFFUSER OR GRILLE DESIGNATION
	FLEXIBLE CONNECTION (FC)		SUPPLY AIR
	DUCT TURN WITH TURNING VANES (T.V.) - PROVIDE ALL SQUARE OR RECTANGULAR ELBOWS WITH VANES EVEN IF SYMBOL IS MISSING		DOOR UNDER CUT
	STANDARD RADIUS ELBOW, ROUND DUCT ALL SQUARE OR RECTANGULAR ELBOWS WITH VANES EVEN IF SYMBOL IS MISSING		BACK DRAFT DAMPER
	SUPPLY & OUTSIDE AIR SECTION		MANUAL VOLUME CONTROL DAMPER
	RETURN OR EXHAUST DUCT SECTION		BAROMETRIC RELIEF DAMPER
	ROUND UP		FIRE DAMPER
	BELL TAP		FIRE-SMOKE DAMPER
	SHOE TAP		MOTORIZED DAMPER (O.B.D.)
	SHOE TAP DAMPER		SECTION MARK
	AP - ACCESS PANEL		VARIABLE FREQ. DRIVE CONTROL PANEL

NOT ALL SYMBOLS MAY APPLY TO THESE PLANS

## PIPING LEGEND

VALVES		VALVES		PIPING SPECIALTIES	
	GATE VALVE		CIRCUIT SETTER, BALANCE VALVE STRAINER		MANUAL AIR VENT
	BALL VALVE		STRAINER, BLOW OFF		AUTOMATIC AIR VENT
	BUTTERFLY VALVE		CAP		EXPANSION JOINT
	PLUG VALVE		CONNECTION, BOTTOM		FLOW SWITCH
	CHECK, SWING GATE		CONNECTION, TOP		FLOW METER
	PUMP SUCTION DIFFUSER		ELBOW, 90°		PRESSURE SWITCH
	PUMP TRIPLE DUTY VALVE		ELBOW, 45°		THERMOMETER
	RELIEF VALVE OR SAFETY VALVE		ELBOW, TURNED DOWN		PRESSURE GAUGE AND COCK
	PRESSURE REDUCING VALVE		ELBOW, TURNED UP		THERMOMETER WELL, ONLY
	HOSE END VALVE		REDUCER, CONCENTRIC	<u>PIPING</u>	
	FLOW CONTROL BALANCING VALVE		REDUCER, ECCENTRIC	 CW	COLD WATER
			TEE	 CWS	CONDENSER WATER SUPPLY
			UNION, SCREWED	 CWR	CONDENSER WATER RETURN
			UNION, FLANGED	 CD	CONDENSATE DRAIN
				 CF	CHEMICAL FEED

NOT ALL SYMBOLS MAY APPLY TO THESE PLANS

## MECHANICAL NOTES

- THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY FOR THE INSTALLATION OF A COMPLETE SYSTEM IN ACCORDANCE WITH THESE DRAWINGS, THE 2020 FLORIDA MECHANICAL CODE (FMC), 2020 FLORIDA MECHANICAL CODE (FMC), 2020 FLORIDA ENERGY CONSERVATION CODE (FEC) AND ALL OTHER APPLICABLE STATE, COUNTY AND LOCAL ORDINANCES AND THE LATEST EDITION OF THE FOLLOWING PUBLICATIONS: SMACNA/ANSI-2016, SMACNA-12; ASHRAE 15-2019, 34-2019, 55-10, 62.1-2016, 90.1-2016; NFPA 70-2017, 72-2016, 90A-2015, 90B-02, 91-2015, 96-2017, 101-06; ANSI Z10.1-98, Z10.3-98, Z21.8-94, Z21.83-98.
- THE CONTRACTOR SHALL PAY ALL COSTS OF PERMIT, INSPECTIONS AND ALL OTHER COSTS INCIDENTAL TO THE COMPLETION AND TESTING OF THIS WORK.
- THE CONTRACTOR SHALL VISIT THE SITE AND COORDINATE WORK WITH OTHER TRADES.
- THE CONTRACTOR SHALL SUPPLY THE BUILDING OWNER WITH "AS-BUILT" DRAWINGS AND PROVIDE TO THE BUILDING OWNER OR THE DESIGNATED REPRESENTATIVE OF THE BUILDING OWNER WITHIN 90 DAY AFTER THE DATE OF SYSTEM ACCEPTANCE WITH AN OPERATING MANUAL AND A MAINTENANCE MANUAL FOR EACH PIECE OF EQUIPMENT.
- CONTRACTOR SHALL SUBMIT, FOR APPROVAL FIVE (5) COPIES OF A COMPLETE SET OF SHOP DWGS, (INCLUDING DUCTWORK) MANUFACTURER'S SUBMITTALS FOR EACH PIECE OF EQUIPMENT AND CONTROLS SUBMITTAL INCLUDED IN CONTRACT.
- ALL MATERIAL SHALL BE NEW OF U.S. MANUFACTURER OF GOOD QUALITY. ALL WORK SHALL BE PERFORMED AT INDUSTRY STANDARD QUALITY LEVEL BY CERTIFIED PROFESSIONALS. ALL EQUIPMENT SHALL BE UL OR ETL LISTED. ALL INSTALLATIONS SHALL COMPLY WITH 2020 FMC, CH. 3, GENERAL REGULATIONS.

### SPECIAL NOTE:

CONTRACTOR SHALL UTILIZE NON-FERROUS MATERIALS OR PROVIDE CORROSION COATING FOR ALL OUTDOOR EXPOSED METAL/STEEL EQUIPMENT, SUPPORTS, STANDERS, ETC. BY 3RD PARTY AS APPLIED BY BLYGOLD, LUVATA, ADVANCOAT (ENSEAL CR) OR APPROVED EQUAL WITH STANDARD 5-YEAR WARRANTY.

### DUCTWORK:

ALL DUCT WORK SHALL BE CONSTRUCTED, INSULATED, SEALED AND SUPPORTED IN ACCORDANCE WITH 2020 FMC SECTION C403.2.9, 2020 FMC SECTION 602.9 AND LATEST EDITION OF S.M.A.C.N.A. MANUAL. WHERE ALTERNATE DESIGN DETAILS ARE SHOWN IN THE STANDARDS, THE HIGHEST QUALITY DESIGN DETAIL SHALL BE PROVIDED.

DUCT SIZING IS COMPLIANT WITH FBC SEC. 603.2 BASED ON ASHRAE "EQUAL FRICTION" METHOD, UNLESS SPECIFICALLY NOTED OTHERWISE ON PLANS.

ALL DUCT WORK SHALL BE SUPPORTED AT INTERVALS NOT TO EXCEED 12 FEET AND SHALL BE IN ACCORDANCE WITH SMACNA "HVAC DUCT CONSTRUCTION STANDARDS METAL & FLEXIBLE"

- ALL AIR CONDITIONING DUCTWORK (MEDIUM PRESSURE); UPSTREAM OF VAV BOXES AND RETURN AIR INSIDE MECHANICAL ROOM SHALL BE GALVANIZED SHEET-METAL WITH SEALED SEAMS AND JOINTS AND SHALL BE PROVIDED WITH 1" INTERNALLY LINED (MIN. 15" FROM THE AC UNIT), OUTSIDE OF THE MECHANICAL ROOM PROVIDE SHEET METAL DUCT WITH EXTERNAL BLANKET INSULATION MIN. R-4.2.
- ALL AIR CONDITIONING DUCT WORK (LOW PRESSURE); SUPPLY AIR DOWNSTREAM OF VAV BOXES, RETURN AIR OUTSIDE OF THE MECHANICAL ROOM AND TRANSFER AIR DUCTS SHALL BE SHALL BE GALVANIZED SHEET-METAL WITH SEALED SEAMS AND JOINTS WITH EXTERNAL BLANKET INSULATION MIN. R-4.2.
- ALL OUTSIDE AIR AND EXHAUST AIR DUCT WORK SHALL BE NEW GALVANIZED SHEET METAL WITH SEALED SEAMS AND JOINTS. FOR OUTSIDE AIR DUCT PROVIDE EXTERNAL BLANKET INSULATION R-4.2 MIN.
- ALL AIR CONDITIONING DUCT WORK ENCLOSED IN A CHASE SHALL BE SHEETMETAL GALVANIZED WITH EXTERNAL BLANKET INSULATION R-4.2 MIN.
- ALL OUTDOOR EXPOSED DUCTWORK SHALL BE GALVANIZED, DOUBLE WALL SHEETMETAL EQUAL TO UNITED MCGILL "K-27", WITH MIN. R-8 INSULATION, SEALED SEAMS AND JOINTS AND ANTI-CORROSION COATING.
- ALL FLEX DUCT SHALL BE RATED CLASS 1-181 LISTED WITH METALLIZED INNER AND OUTER COIL LINES MIN. R-4.2. FLEX DUCT SHALL COMPLY WITH 2020 FECC TABLE C403.2.1. INSTALL UL LISTED FOR PLENUM FLEXIBLE DUCTWORK ELBOW SUPPORTS AT EACH DIFFUSER, GRILLE, AND REGISTER EQUAL TO "FLEXFLOW ELBOW" AS MANUFACTURED BY "THERMAFLEX". THE USE OF FLEXIBLE DUCTWORK IS LIMITED TO ONLY CONNECTIONS BETWEEN DUCT BRANCHES AND DIFFUSER.
- WHERE SPECIFIED, AIR CONDITIONING DUCT LINER SHALL BE OF 1" (R-4.2) FIBERGLASS WITH A HIGH-TENSILE, RESISTANT MAT COATING, EQUAL TO "SUPERDUCT" BY MANVILLE OR "TOLUGARD" BY CERTAINEAD, AND ANTI-MICROBIAL PROPERTIES. ALL DUCT LINERS MUST BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF THE "NAIMA" FIBROUS GLASS DUCT LINER STANDARDS OR "SMACNA" HVAC DUCT CONSTRUCTION STANDARDS AND THE PROJECT SPECIFICATION. LINER PRODUCTS SHALL BE ADHERED TO THE SHEET METAL DUCTWORK USING AN ADHESIVE MEETING THE REQUIREMENTS OF ASTM C916.

THE CONTRACTOR SHALL PROVIDE ALL SHEET METAL DUCTWORK, HANGERS, AUS. SUPPORT STEEL, ETC. AND SHALL BE IN ACCORDANCE WITH ASHRAE AND SMACNA "DUCT CONSTRUCTION STANDARDS, METAL AND FLEXIBLE." LAST EDITION.

ALL INSULATED, AND UN-INSULATED DUCT SIZES SHOWN ARE INSIDE DIMENSIONS.

SUPPLY AND RETURN DUCTWORK HAVE BEEN SIZED WITH A PRESSURE DROP NO GREATER THAN 0.08" WG/100'. DUCTWORK CHANGES MAY BE MADE BY CONTRACTOR USING EQUIVALENT SIZED DUCT. CONTACT ENGINEER IF DUCT AREA WILL NOT FIT.

### SPECIAL NOTE

SMACNA DUCT PRESSURE CLASSES BASED ON OPERATING PRESSURE ARE: 1/2", 1", 2", 3", 4", 6", AND 10". EACH DUCT SYSTEM SHALL BE SPECIFIED FOR SPECIFIC DUCT PRESSURE CLASS SHOWN ON PLANS. WHERE NO PRESSURE CLASS IS SPECIFIED FOR CONSTANT VOLUME SYSTEMS, 1" W.G. PRESSURE CLASS IS THE BASIS OF COMPLIANCE WITH THE SMACNA STANDARDS REGARDLESS OF VELOCITY. WHERE NO PRESSURE CLASS IS SPECIFIED FOR VARIABLE VOLUME SYSTEMS, 2" W.G. PRESSURE CLASS IS THE BASIS OF COMPLIANCE WITH THE SMACNA STANDARDS FOR DUCTWORK UPSTREAM OF VAV BOXES.

NONMETALLIC DUCTS SHALL BE CONSTRUCTED WITH CLASS I OR CLASS I DUCT MATERIAL AND SHALL COMPLY WITH UL 181. THE AIR TEMPERATURE WITHIN NONMETALLIC DUCTS SHALL NOT EXCEED 250 F (121 °C) PER FMC 2020 SEC 603.5.

- PROVIDE RADIUS ELBOWS WHERE FEASIBLE, SQUARE ELBOWS AND TEE'S SHALL BE FURNISHED W/ SINGLE FOIL TURNING VANES.
- ALL AIR DEVICES (DIFFUSERS, REGISTERS AND GRILLES) SHALL BE ALL ALUMINUM CONSTRUCTION WITH EXPOSED SURFACE OFF WHITE BAKED ENAMEL FINISH OR AS SPECIFIED BY ARCHITECT. ALL AIR DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- VOLUME CONTROL DAMPERS SHALL BE PROVIDED IN THE BRACH DUCTS OR AT EACH INDIVIDUAL DUCT REGISTER. EACH DAMPER SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S LISTING. DAMPERS TESTING, RATINGS AND ACTUATION SHALL BE IN ACCORDANCE WITH 2020 FMC SECTIONS 607.3.1 THROUGH 607.3.3. DAMPERS SHALL BE PROVIDED WITH ACCESS AND IDENTIFICATION IN ACCORDANCE WITH 2020 FMC SECTION 607.4. ALL FIRE DAMPER SHALL BE DYNAMIC WITH BLADE OUT OF AIR STREAM TYPE AND SERVICE ACCESS DOOR.

- PROVIDE SMOKE DETECTORS WITH SERVICE ACCESS DOORS IN ALL AIR DISTRIBUTION SYSTEMS WITH A DESIGN CAPACITY GREATER THAN 2000 CFM COMPLIANT WITH 2020 FMC SEC. 606. FOR SMOKE DETECTORS NOT VISIBLE, IN CONCEALED SPACES, PROVIDE REMOTE ANNUNCIATION TEST STATION AS REQUIRED BY AUTHORITY HAVING JURISDICTION. COORDINATE PRIOR TO INSTALLATION. DETECTORS SHALL BE BY ONE MANUFACTURER, COORDINATE VOLTAGE ETC. WITH ELECTRICAL CONTRACTOR AND FIRE ALARM SYSTEM BEFORE ORDERING. UPON DETECTION, SMOKE DETECTORS SHUT DOWN ASSOCIATED AIR MOVING EQUIPMENT AND ALL AIR MOVING EQUIPMENT SERVING THAT COMMON PLENUM.
- PROVIDE ACCESS DOOR FOR ACCESS ALL FIRE DAMPERS, SMOKE DETECTORS, VOLUME DAMPERS, MOTOR OPERATED DAMPERS AND OTHER ITEMS LOCATED IN DUCTWORK WHICH REQUIRE SERVICE AND/OR INSPECTION.
- ALL OUTDOOR AIR INTAKE AND EXHAUST OPENING SHALL BE PROVIDED WITH CLASS I MOTORIZED DAMPER TO COMPLY WITH 2020 FECC, SECTION C403.2.4.3.

### SPECIAL NOTE

ALL INSTALLED ELECTRICAL DEVICES, ACTUATORS, APPURTENANCES, AUXILIARY EQUIPMENT, ETC. REQUIRING ENVIRONMENTAL PROTECTION SHALL BE PROVIDED WITH ADEQUATE NEMA ENCLOSURES FOR THE CONDITIONS WHERE INSTALLED, WEATHER INDOORS OR OUTDOORS, EVEN IF NOT SPECIFICALLY INDICATED ON PLANS.

- PROVIDE ACCESS DOOR FOR ACCESS ALL FIRE DAMPERS, SMOKE DETECTORS, VOLUME DAMPERS, MOTOR OPERATED DAMPERS AND OTHER ITEMS LOCATED IN DUCTWORK WHICH REQUIRE SERVICE AND/OR INSPECTION.
- ALL OUTDOOR AIR INTAKE AND EXHAUST OPENING SHALL BE PROVIDED WITH CLASS I MOTORIZED DAMPER TO COMPLY WITH 2020 FECC, SECTION C403.2.4.3.
- AIR EXHAUST AND INTAKE OPENINGS THAT TERMINATE OUTDOORS SHALL BE PROTECTED WITH CORROSION RESISTANCE SCREENS, LOUVERS OR GRILLES. OPENINGS IN LOUVERS, GRILLES AND SCREENS SHALL BE SIZED IN ACCORDANCE WITH 2020 FMC TABLE 401.5. OUTDOORS OPENINGS LOCATED IN EXTERIOR WALLS SHALL MEET THE PROVISIONS FOR EXTERIOR WALL OPENING PROTECTIVE IN ACCORDANCE WITH THE 2020 FBC.
- O/A INTAKES SHALL NOT BE TAKEN FROM A LOCATION CLOSER THAN 10 FT. FROM ANY CHIMNEY, VENT OUTLET OR SANITARY SEWER VENT OUTLET, UNLESS SUCH VENT IS NOT LESS THAN 24 INCHES ABOVE THE OUTSIDE AIR VENT, TO COMPLY WITH 2020 FMC SECTION 401.4.

- BUILDING TEMPERATURE & HUMIDITY CONTROLS: CONTRACTOR SHALL PROVIDE A FULLY INTEGRATED BUILDING CONTROL SYSTEM (BAS), WHERE APPLICABLE, PROVIDE BAS INTERFACE MODULE FOR ALL HVAC EQUIPMENT, AS REQUIRED BY THE DESIGN DOCUMENTS. IN ADDITION AND AS APPLICABLE:

- FOR DX SYSTEMS (COMMON AREAS): PROVIDE PROGRAMMABLE THERMOSTAT WITH COOLING/HEATING, "COOL-AUTO- HEAT-OFF" AND FAN "ON-AUTO" SELECTOR SWITCHES AND BACNET COMMUNICATION CAPABILITY.
- FOR STANDALONE DX SYSTEMS: PROVIDE PROGRAMMABLE THERMOSTAT WITH COOLING/HEATING, "COOL-AUTO- HEAT-OFF" AND FAN "ON-AUTO" SELECTOR SWITCHES.
- PROVIDE ROOM TEMPERATURE, HUMIDITY AND CO2 SENSOR AS REQUIRED, SEE FLOOR PLAN FOR LOCATION. .
- POWER PROVISIONS: SHALL BE FURNISHED AND INSTALLED BY ELEC. CONTRACTOR UNLESS OTHERWISE NOTED BY MECHANICAL CONTROL.
- TRANSFORMERS SHALL BE PROVIDED BY MANUFACTURER FOR ALL UNITS/EQUIPMENT THAT REQUIRE CONTROL. POWER FOR UNITARY CONTROLLERS, IF NOT OTHERWISE NOTED.
- 120V POWER AS REQUIRED BY SYSTEM CONTROLLERS SHALL BE PROVIDED/COORDINATED BY ELECTRICAL CONTRACTOR WITH MECHANICAL AND CONTROLS CONTRACTORS.

THERMOSTAT, TEMPERATURE AND HUMIDITY SENSOR LOCATION SHALL BE APPROVED BY OWNER AND ENGINEER BEFORE INSTALLATION. INSTAL. TEMP. AND HUMIDITY SENSORS 48" A.F.F. PER A.D.A. REQUIREMENTS WHERE APPLICABLE. PROVIDE SOFTWARE LOCK AND/OR TAMPER PROOF COVERS AS COORDINATED WITH OWNER/END CLIENT.

### SPECIAL NOTE

WHENEVER THERE ARE MORE THAN ONE SENSOR OR THERMOSTAT, SIDE BY SIDE, THEY SHALL BE GANGED TOGETHER WITHIN THE SAME COVER PLATE WHEREVER POSSIBLE. CONTRACTOR SHALL COORDINATE THIS ISSUE WITH OWNER PRIOR TO INSTALLATION AND SHALL BRING ANY DISCREPANCY TO THE ENGINEER'S ATTENTION.

- PROVIDE NEW FILTERS MINIMUM MERV 8 FOR ALL AIR CONDITIONING EQUIPMENT BEFORE START-UP. REPLACE PRIOR TO FINAL ACCEPTANCE BY OWNER TO COMPLY WITH WITH ASHRAE 62.1-2016
- INSULATION:
  - ALL INSULATION PRODUCTS SHALL BE FREE OF FORMALDEHYDE.
  - ALL INSULATION CONTAINING FIBROUS MATERIALS EXPOSED TO AIR FLOW SHALL BE RATED FOR THAT EXPOSURE OR SHALL BE ENCAPSULATED.
  - INSULATING PROPERTIES FOR ALL MATERIALS SHALL MEET OR EXCEED APPLICABLE INDUSTRY STANDARDS. POLYSTYRENE PRODUCTS SHALL MEET AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM) C578 91.
  - ALL INSULATION SHALL BE LOW EMITTING WITH NOT GREATER THAN 0.05 PPM FORMALDEHYDE EMISSIONS.
  - ALL INSULATION WILL HAVE FIRE/SMOKE RATING LESS THAN 25/50 WHEN TESTED IN ACCORDANCE WITH ASTM E 84 OR UL 723.
- RUN INSULATED FIRE RATED CONDENSATE DRAINS AS REQUIRED.
- MECHANICAL EQUIPMENT ON ROOF OR ELEVATED STRUCTURES SHALL COMPLY WITH 2020 FMC PAR. 306.5 IF INSTALLED HIGHER THAN 16 FEET A.F.F. MECHANICAL EQUIPMENT SHALL BE PROTECTED WITH MECHANICAL BARRIERS IF EXPOSED TO MECHANICAL DAMAGE. ALL EQUIPMENT SHALL BE INSTALLED ON CONCRETE PADS AT GRADE LEVEL, SIZED PER STRUCTURAL PLANS.

### SPECIAL NOTE:

ALL WIND LOAD AND OTHER COMPLIANCE CALCULATIONS AND/OR INSTALLATION DETAILS FOR OUTDOOR MOUNTED MECHANICAL EQUIPMENT AS REQUIRED BY FBC 2020, SEC. 1509, 1522 AND CHAPTER 16, SHALL BE PROVIDED BY A STRUCTURAL ENGINEER AND ARE SHOWN ON THESE PLANS FOR REFERENCE ONLY.

SUCH CALCULATIONS SHALL BE PROVIDED BY THE EQUIPMENT MANUFACTURER OR BY THE GENERAL OR MECHANICAL CONTRACTOR ON BEHALF OF CLIENT.

CONTRACTOR TO PROVIDE WIND LOAD CALCULATIONS SIGNED AND SEALED BY A FLORIDA REGISTERED STRUCTURAL ENGINEER IN ORIGINAL. FOR COMPLIANCE WITH SEC. 301.15 OF FMC 2020, INCLUDING ANY DOCUMENTATION REQUIRED BY LOCAL JURISDICTION FOR PERMIT PURPOSES, SUCH AS N.O.A CERTIFICATES.

- HVAC CONTRACTOR SHALL PROVIDE VENTILATION CONTROLS COMPLIANT WITH FMC 2020, SEC. 403.3.1.3-403.3.1.5 AND 405. FOR ALL SYSTEMS AND SHALL VERIFY EXISTING CONDITIONS FOR COMPLIANCE, AS REQUIRED, FOR A FULLY OPERATIONAL SYSTEM.

VENTILATION FOR ENCLOSED PARKING GARAGES SHALL COMPLY WITH FMC 2020, SEC. 404.

- PROVIDE A MIN. OF 36" CLEARANCE IN FRONT OF ALL 120-208 VOLT PANELS AND MIN. 42" CLEARANCE IN FRONT OF ANY 277, 240 AND 480 VOLT PANEL. PROVIDE ADEQUATE SIDE CLEARANCE PER NEC-2017.

- CLEARANCE FOR MAINTENANCE, SERVICE, REPAIRS, AND REPLACEMENT FOR ALL MECHANICAL EQUIPMENT SHALL BE PROVIDED TO COMPLY WITH 2020 FMC, SEC. 306. SERVICE ACCESS PANELS FOR MECHANICAL EQUIPMENT IN CONCEALED SPACES SHALL BE PROVIDED TO COMPLY WITH THE REQUIREMENTS OF SEC. 306.

- CONDENSATE DRAIN PIPING TO BE AS SPECIFIED PER PLUMBING PLANS. AUXILIARY DRAIN PANS SHALL BE INSTALLED UNDER ALL COILS ON WHICH CONDENSATION CAN OCCUR AND UNDER ALL UNITS IN CONCEALED SPACES OR ANY AREA WHERE BUILDING DAMAGE CAN OCCUR AS A RESULT OF AN OVERFLOW. TO COMPLY WITH 2020 FMC, PAR. 307.2, AN ALTERNATE WATER-DETECTION LEVEL DEVICE OR FLOAT SWITCH TO AUTOMATICALLY SHUT DOWN THE EQUIPMENT IS ACCEPTABLE. SUPPLY CONDENSATE PUMP WHERE NECESSARY AS IMPOSED BY FIELD CONDITIONS OR INSTALLATION CHANGES AND PIPE TO CONDENSATE DRAIN PER PLUMBING PLANS.

- ALL CONDENSER WATER PIPING (CWP) SHALL BE MINIMUM SCHEDULE 40 BLACK STEEL. HYDRONIC PIPING SYSTEMS SHALL COMPLY WITH 2020 FMC, CH.12. HYDRONIC PIPING SYSTEMS SHALL BE TESTED HYDROSTATICALLY AT ONE AND ONE HALF TIMES THE MAXIMUM SYSTEM DESIGN PRESSURE, BUT NOT LESS THAN 100 PSI. JOINTS BETWEEN DIFFERENT PIPING MATERIALS SHALL BE MADE WITH APPROVED ADAPTER FITTINGS AND JOINTS BETWEEN DIFFERENT METALLIC PIPING MATERIALS SHALL BE MADE WITH APPROVED DIELECTRIC FITTINGS OR BRASS CONVERTER FITTINGS.

- REFRIGERANT LINES SHALL BE COPPER, TYPE "L" HARD DRAWN WITH WROUGHT COPPER BRAZING-JOINT TYPE FITTINGS, USE BRAZING MATERIALS FOR HIGH PRESSURE PIPING PER AWS A5.8: BCuP SERIES COPPER-PHOSPHORUS ALLOY OR BAgt1 SILVER ALLOY.

REFRIGERANT LINES SHALL BE SIZED PER MANUFACTURER'S RECOMMENDATIONS. SOFT COPPER TYPE "M" SHALL BE ALLOWED FOR RISER PIPING INSIDE CHASE TO LIMIT NUMBER OF JOINTS. COORDINATE WITH ENGINEER FOR PRIOR APPROVAL. FILTER/DRYER AND SIGHT GLASS SHALL BE PROVIDED AT LIQUID LINES.

ARMAFLEX INSULATION SHALL BE USED FOR REFRIGERANT SUCTION LINES. ALL EXPOSED INSULATION SHALL BE PROTECTED WITH A PROTECTIVE, PUNCTURE AND TEAR RESISTANT JACKETING SYSTEM EQUAL TO "VENTURITE CLAD", AND COMPLY WITH FMC 2020, SEC.1101.3 PROTECTION. MINIMUM REFRIGERANT PIPING INSULATION SHALL BE AS PER 2020 FECC TABLE C403.2.10 AND ASHRAE 90.1-2016 TABLE 6.8.3, INCLUDING FOOTNOTES.

- CONDENSER WATER PIPING AND REFRIGERANT PIPING SUPPORT SHALL BE AS PER 2020 FMC, SECTION 305 AND TABLE 305.4 INCLUDING FOOTNOTES.

- MATERIALS ALLOWED IN RETURN AIR PLENUMS OR ABOVE CEILINGS USED AS RETURN AIR PLENUM SHALL COMPLY WITH FMC 2020, SEC. 602.2.1. IF SPACE WITH RETURN AIR PLENUM HAS ANY DECK TO DECK PARTITIONS, AIR TRANSFER DUCTS MUST BE INSTALLED. WHEN CPVC PIPING IS USED FOR FIRE SPRINKLER SYSTEMS, THE R/A GRILLES LAYOUT SHALL BE (FIELD) COORDINATED WITH SUCH PIPING SO THAT NO PORTION OF THE GRILLES WILL BE DIRECTLY BELOW THE CPVC PIPING. STUD CAVITIES AND JOIST SPACE PLENUMS SHALL COMPLY WITH FMC 2020, SEC. 602.3.

- HVAC CONTRACTOR SHALL PROVIDE A T&B REPORT PER 2020 FECC, SECTION C408.2.2 FOR ALL MECHANICAL SYSTEMS. THE T&B REPORT SHALL BE IN ACCORDANCE WITH THE AABC OR NEBB STANDARDS AND PROCEDURES AND SHALL INCLUDE AIR QUANTITIES FOR ALL SUPPLY GRILLES, RETURN GRILLES AND EXHAUST GRILLES AND THE LEAVING AND ENTERING AIR TEMPERATURE (°F) FROM COOLING AND HEATING COILS AND ENERGY RECOVERY UNITS.

FOR SYSTEMS OVER 15 TONS, THE T&B SHALL BE PERFORMED BY A CERTIFIED, INDEPENDENT COMPANY.

### EXCEPTIONS:

- BUILDINGS WITH COOLING OR HEATING SYSTEM CAPACITIES OF 15 TONS OR LESS PER SYSTEM MAY BE TESTED AND BALANCED BY A MECHANICAL CONTRACTOR LICENSED TO DESIGN AND INSTALL SUCH SYSTEM(S).
- BUILDINGS WITH COOLING OR HEATING SYSTEM CAPACITIES OF 65,000 BTU/H OR LESS PER SYSTEM ARE EXEMPT FROM THE REQUIREMENTS OF THIS SECTION.

- AIR SYSTEMS BALANCING, SHALL BE ACCOMPLISHED IN A MANNER TO FIRST MINIMIZE THROTTLING LOSSES. THEN, FOR FANS WITH FAN SYSTEM POWER GREATER THAN 1 HP, FAN SPEED SHALL BE ADJUSTED TO MEET DESIGN FLOW CONDITION.

- HYDRONIC SYSTEM : SHALL BE PROPORTIONATELY BALANCE IN MANNER TO FIRST MINIMIZED THROTTLING LOSSES, THEN THE PUMP IMPELLER SHALL BE TRIMMED OR PUMP SPEED SHALL BE ADJUSTED TO MEET DESIGN FLOW CONDITIONS.

- CONTROL SYSTEMS: SHALL BE TESTED TO ENSURE THAT CONTROL ELEMENTS ARE CALIBRATED, ADJUSTED, AND IN PROPER WORKING CONDITIONS.

WRITTEN BALANCE REPORT SHALL BE PROVIDED TO THE OWNER OR THE DESIGNATED REPRESENTATIVE OF THE BUILDING OWNER.

BUILDING ENVELOPE SHALL BE POSITIVELY PRESSURIZED TO PREVENT INFILTRATION PER FECC 2020, SEC. C408.2.2.1 NOTE #1.

- MECHANICAL PLANS IN GENERAL, ARE DIAGRAMMATIC IN NATURE, AND ARE TO BE READ IN CONJUNCTION WITH ARCHITECTURAL, PLUMBING, ELECTRICAL, FIRE SPRINKLER, AND STRUCTURAL PLANS AND SHALL BE CONSIDERED AS ONE SET OF DOCUMENTS.

DUCT AND PIPING OFFSETS, BENDS AND TRANSITIONS SHALL BE REQUIRED TO PROVIDE AND INSTALL A COMPLETE FUNCTIONAL SYSTEM AND SHALL BE PROVIDED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER, CHANGES IN DUCTWORK SIZE AND ROUTE WILL BE REQUIRED TO AVOID STRUCTURAL, PLUMBING, FIRE SPRINKLER AND ARCHITECTURAL BUILDING FEATURES. DUCTWORK CHANGES MAY BE MADE BY CONTRACTOR USING EQUIVALENT SIZED DUCT. CONTACT ENGINEER IF DUCT AREA WILL NOT FIT.

### SPECIAL NOTE:

AS PART OF BID, CONTRACTOR SHALL INCLUDE COSTS NECESSARY TO MAKE ONE CHANGE IN EACH UNITS SHEAVE, BUSHINGS AND BELTS, BALANCING DAMPERS REQUIRED AND ANY OTHER DEVICES REQUIRED FOR THE CORRECT BALANCE OF THE SYSTEM AS REQUIRED BY THE TAB FIRM.

- MANUFACTURER'S WARRANTY: CONTRACTOR SHALL PROVIDE WARRANTY FOR A PERIOD OF (1) ONE YEAR AFTER BUILDING C.O. FOR ALL MECHANICAL SYSTEMS, DUCTWORK, CONTROLS ACCESSORIES AND ALL OTHER EQUIPMENT, PARTS AND LABOR UNDER THESE DRAWINGS AND AND SPECIFICATIONS. CONTRACTOR SHALL PROVIDE WARRANTY FOR COMPRESSORS FOR (5) FIVE YEARS, ANY REPAIRS REQUIRING SYSTEM SHUTDOWN WILL BE DONE DURING NON-OPERATIONAL PERIODS OR AS AGREED WITH OWNER.

- CORROSION COATING: CONTRACTOR SHALL PROVIDE CORROSION COATING TO CONDENSER/EVAPORATOR COILS, EQUIPMENT CASINGS/CABINETS AND ALL EXPOSED COPPER PIPING/COMPRESSORS/ CONDENSER SECTION, AS WELL AS, ANY EXPOSED METAL WITHIN AIRSTREAM BY 3RD PARTY AS APPLIED BY BLYGOLD, LUVATA, ADVANCOAT OR APPROVED EQUAL WITH STANDARD 5-YEAR WARRANTY.

- THE CONTRACTOR SHALL VERIFY EXISTING CONDITIONS PRIOR TO BIDDING, ORDERING, FABRICATION OR INSTALLATION OF MATERIALS OR EQUIPMENT. IN ORDER TO PROVIDE A FULLY INTEGRATED MECHANICAL AND CONTROLS SYSTEMS WITH THE EXISTING ONES. CONTRACTOR SHALL INSPECT ALL EXISTING AND NEW COMPONENTS OF THE MECHANICAL SYSTEMS AND ENSURE THAT ALL ARE OPERATIONAL, AND WORKING AS SHOWN ON THE APPROVED CD PLANS AT THE TIME OF C.O. ANY DISCREPANCY BETWEEN EXISTING CONDITIONS AND PLANS, OR ADDITIONAL CLARIFICATION REQ'T SHALL BE BROUGHT TO THE ATTENTION OF ENGINEER PRIOR TO FINAL BIDDING AND WORK.

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## COMMISSIONING NOTES

MECHANICAL SYSTEMS SHALL BE COMMISSIONED IN COMPLIANCE WITH FECC-2020, SEC. C408, WITH THE TWO LISTED EXCEPTIONS. THE OWNER/MECHANICAL CONTRACTOR SHALL PROVIDE TO THE E.O.R. DESIGN PROFESSIONAL ALL NECESSARY DOCUMENTATION REQUIRED BY THE BUILDING OFFICIAL PRIOR TO FINAL INSPECTION, PROVING EVIDENCE OF SYSTEMS COMMISSIONING PER SEC. C408.2.4 AND C408.2.5.

- A COMMISSIONING PLAN SHALL BE COMPLETED AND CERTIFIED BY A REGISTERED DESIGN PROFESSIONAL OR APPROVED AGENCY PER SEC. 408.2.1.

- A PRELIMINARY REPORT OF COMMISSIONING TEST PROCEDURES AND RESULTS SHALL BE COMPLETED AND CERTIFIED BY A REGISTERED DESIGN PROFESSIONAL OR APPROVED AGENCY AND PROVIDED TO THE BUILDING OWNER. THE REPORT SHALL BE IDENTIFIED AS PRELIMINARY COMMISSIONING REPORT" PER SEC. C408.2.4.

- THE COMMISSIONING DOCUMENTS SHALL BE PROVIDED TO THE BUILDING OWNER WITHIN 90 DAYS OF THE DATE OF RECEIPT OF THE CERTIFICATE OF OCCUPANCY PER SEC. C408.2.5 AND SHALL INCLUDE: 1) DRAWINGS, 2) MANUALS, 3) SYSTEM BALANCING REPORT, AND 4) FINAL COMMISSIONING REPORT.

- LIGHTING SYSTEM FUNCTIONAL TESTING: CONTROLS FOR AUTOMATIC LIGHTING SYSTEMS SHALL COMPLY WITH SECTION C408.3.

## HVAC ABBREVIATION LEGEND

AC- AIR CONDITIONING	HP- HEAT PUMP
AFF- ABOVE FINISH FLOOR	HSPF- HEATING SEASONAL PERFORMANCE RATING
AHU- AIR HANDLING UNIT	IEER- INTEGRATED ENERGY EFFICIENCY RATIO
APD- AIRE PRESSURE DROP	IL- INTAKE LOUVER
AS- AIR SEPARATOR	LWT- LEAVING WATER TEMPERATURE
BDD- BACK DRAFT DAMPER	MCA- MINIMUM CIRCUIT AMPS (FOR WIRE SIZING)
CD- CONDENSATE DRAIN	MD- MOTORIZED DAMPER
CFP- CHEMICAL FEED PUMP	MOC- MAXIMUM OVER CURRENT PROTECTION DEVICE AMPS
COP- COEFFICIENT OF PERFORMANCE	MOD- MANUALLY OPERATED DAMPER
CT- COOLING TOWER	NC- NOISE CRITERIA
CU- CONDENSING UNIT	OA- OUTSIDE AIR
CWP- CONDENSER WATER PUMP	OBD- OPPOSED BLADE DAMPER
CWR- CONDENSER WATER RETURN	PD- PRESSURE DROP
CWS- CONDENSER WATER SUPPLY	RA- RETURN AIR
DB - AIR DRY BULB TEMPERATURE	RL- RELIEF LOUVERED
EA- EXHAUST AIR	RLA- RATED LOAD AMPS
EER- ENERGY EFFICIENCY RATIO	RTU- ROOFTOP AC UNIT
EF- EXHAUST FAN	SEER- SEASONAL ENERGY EFFICIENCY RATIO
ERU- ENERGY RECOVERY UNIT	SF- SUPPLY FAN
ESP- EXTERNAL STATIC PRESSURE	TSP- TOTAL STATIC PRESSURE
ET- EXPANSION TANK	VD- VOLUME CONTROL DAMPER
EWT- ENTERING WATER TEMPERATURE	VFD- VARIABLE FREQUENCY DRIVE
FLA- FULL LOAD AMPS	WB- AIR WET BULB TEMPERATURE
GPM- GALLONS PER MINUTE	WPD- WATER PRESSURE



VARIABLE FREQUENCY DRIVE NOTES

1. VFD SHALL BE AS MANUFACTURED BY ABB, YASKAWA, DANFOSS, HONEYWELL OR EQUAL AND SHALL BE COMPLIANT WITH STANDARD IEEE 519. BASIS OF DESIGN IS DANFOSS.
2. VFD INSTALLATION IN MOTOR CONTROL CENTER (MCC) SHALL NOT BE ACCEPTABLE
3. VFD SHALL BE UL/NEC RATED AND OF MIN. 96% EFFICIENCY AT FULL LOAD. VFD SHALL BE SIZED FOR 125% OF NOMINAL MOTOR HP TO ALLOW FOR SERVICE FACTOR OPERATION AND EFFICIENCY LOSS.
4. VFD SHALL HAVE A MAX. 10% OVERLOAD CAPABILITY FOR 60 SECONDS WITH 1% SPEED REGULATION.
5. PROVIDE VFD WITH DISCONNECT SWITCH IN COMMON ENCLOSURE, CONTRACTOR SHALL VERIFY WITH MANUFACTURER CRITICAL CABLE LENGTH ALLOWED PRIOR TO INSTALLATION. IF NECESSARY, AS DETERMINED, dv/dt OUTPUT FILTERS SHALL BE PROVIDED.
6. PROVIDE MIN. 3% INPUT LINE REACTORS AND RFI/EMI FILTER.
7. VFD SHALL BE PROVIDED BY MECHANICAL AND SHALL BE INSTALLED BY ELECTRICAL CONTRACTOR.
8. CONTRACTOR SHALL PROVIDE SEPARATE METALLIC OR MC TYPE CONDUITS FOR ALL INCOMING POWER, MOTOR POWER, AND CONTROL WIRING. PVC OR WIRE TROUGHS ARE NOT ACCEPTABLE. FOR PVC USED IN UNDERGROUND INSTALLATION, MIN. 18" SEPARATION SHALL BE PROVIDED IN-BETWEEN CONDUITS.
9. CONTROL WIRING SHALL BE AS RECOMMENDED BY MANUFACTURER FOR SERIAL SIGNAL TYPE AND SHALL BE SHIELDED AND GROUNDED AS REQUIRED. CONTROL WIRING (CABLE) SHALL BE U.L. LISTED FOR USAGE IN DAMP LOCATIONS.
10. VFD SHALL BE RATED FOR 32° TO 104° F. PROVIDE NEMA TYPE ENCLOSURE AS APPLICABLE:

· NEMA 1 FOR CLEAN, INDOOR APPLICATIONS

· NEMA 3R WEATHERPROOF, VENTILATED ENCLOSURE FOR DUST/WATER FREE OUTDOOR APPLICATION

· NEMA 4R WEATHERPROOF, WATERPROOF ENCLOSURE FOR DUST/WATER EXPOSED OUTDOOR APPLICATION

· NEMA 12 ENCLOSURE FOR DUST/CONDENSATION/FOG/DRIPPING WATER PRONE APPLICATION.

IF RECOMMENDED BY VFD MANUFACTURER, PROVIDE SELF CONTAINED AIR CONDITIONING UNIT FOR THE NEMA 3R OR 4R ENCLOSURE AS MANUFACTURED BY "ICEQUE" OR EQUAL.
11. VFD SHALL BE PROVIDED WITH 2-CONTACTOR TYPE BY-PASS (OUTPUT AND BY-PASS CONTACTORS),
12. VFD SHALL BE PROVIDED WITH PLAIN ENGLISH DIGITAL DISPLAY INTERFACE AND KEYPAD WITH HAND-AUTO-OFF CAPABILITIES, NONVOLATILE MEMORY AND SERIAL COMMUNICATION PORT.
13. VFD SHALL BE PROVIDED WITH INPUT CAPABILITIES FOR DAMPER ACTUATION, SMOKE DETECTOR, FIRE ALARM AS REQUIRED. VFD SHALL BE CAPABLE OF STOPPING MOTOR IN ANY OPERATING MODE, INCLUDING BY-PASS WHEN ACTIVATED FROM SUCH AN INPUT. CONTRACTOR SHALL COORDINATE WITH LOCAL FIRE DEPARTMENT ADDITIONAL REQUIREMENTS FOR OVERRIDE AND OTHER SEQUENCING CAPABILITIES.
14. VFD PROTOCOL SHALL BE COMPATIBLE WITH LON WORKS, BACNET, N2, FLN, ETHERNET, OR MODBUS AND SHALL SUPPORT ALL SPECIFIED INFORMATION POINTS.
15. WHEN VFD OPERATION IS TRANSFERRED TO BY-PASS MODE IN EMERGENCY, THE BAS (BLDG. AUTOMATION SYSTEM) SHALL RESET ALL VAV BOXES OR VALVES (AS APPLICABLE) TO FULLY OPEN POSITION TO AVOID OVER-PRESSURIZATION AND AN ALARM SIGNAL SHALL BE ANNOUNCIATED.
16. ELECTRICAL MOTOR SHALL BE VFD COMPATIBLE. CONTRACTOR SHALL COORDINATE PRIOR TO PURCHASING. PROVIDE PHASE MONITOR, VOLTAGE MONITOR AND AMP MONITOR FOR BOTH DRIVE AND BY-PASS, WITH SHORT-CIRCUIT, GROUND FAULT, AND SINGLE PHASE PROTECTION.
17. THE VFD SHALL BE CAPABLE TO OPERATE BETWEEN 30% OVER NOMINAL AND 35 % UNDER NOMINAL VOLTAGE LIMITS NOT BASED ON "RATED" VOLTAGE.

EAST BUILDING- EXHAUST AIR CALCULATION

AREA SERVED		OUTSIDE AIR REQUIRED					
LEVEL	ROOM NAME	ROOM AREA	WC	WC EA RATE	AREA EA REATED	EA REQUIRED	EA PROVIDED
		(SQ.FT.)	(NUM.)	(CFM/ P)	(CFM/ SQ.FT.)	(CFM)	(CFM)
1	EE111 MEN'S RR	115	2	50.0	0.0	100.0	100
	E119 WOMEN'S RR	110	2	50.0	0.0	100.0	100
	E110 JANITOR	25	0	0.0	1.0	25.0	50
LEVEL 1						225.0	250
MEZZ.	E123 TOILET	60	1	50.0	0.0	50.0	75
	E123 TOILET	55	1	50.0	0.0	50.0	75
LEVEL 1						100.0	150
2	E204 MEN'S RR	120	3	50.0	0.0	150.0	675
	E205 WOMEN'S RR	165	3	50.0	0.0	150.0	
	E206JANITOR	35	0	0.0	1.0	35.0	
	E209 KIT.	310	0	0.0	0.7	217.0	150
	E213 MEN'S RR	50	1	50.0	0.0	50.0	
	E213 WOMEN'S RR	50	1	50.0	0.0	50.0	
	E213 JANITOR	45	0	0.0	1.0	45.0	150
	E201 MEN'S RR	50	1	50.0	0.0	50.0	
	E201 WOMEN'S RR	50	1	50.0	0.0	50.0	
	E201 JANITOR	50	0	0.0	1.0	50.0	
LEVEL 2						847.0	975
3	E306 MEN'S RR	180	3	50.0	0.0	150.0	200
	E307 WOMEN'S RR	180	3	50.0	0.0	150.0	200
	E307 JANITOR	35	0	0.0	1.0	35.0	50
	E303 BREAKROOM	175	0	0.0	0.3	52.5	75
	FUTURE TOILETS	0	0	0.0	0.0	0.0	150
LEVEL 3						387.5	675
4	E402 MEN'S RR	180	3	50.0	0.0	150.0	200
	E402 WOMEN'S RR	180	3	50.0	0.0	150.0	200
	E402 JANITOR	35	0	0.0	1.0	35.0	50
	E402 BREAKROOM	175	0	0.0	0.3	52.5	75
	FUTURE TOILETS	0	0	0.0	0.0	0.0	150
LEVEL 4						387.5	675
5	E507 MEN'S RR	175	4	50.0	0.0	200.0	200
	E508 WOMEN'S RR	285	4	50.0	0.0	200.0	200
	E509 JANITOR	45	0	0.0	1.0	45.0	50
LEVEL 5						445.0	450
EAST BLDG TOTAL						2,392.0	3,175.0
NOTES:							
1. CALCULATIONS ARE BASED FMC 2020 AND ASHRAE 62.1-2016							

EAST BUILDING- AIR BALANCE

LEVEL	EQ.	ROOM NAME	ZONE AREA	OUTSIDE AIR	MAKE-UP AIR	EXHAUST AIR	RESULTING PRESSURE
			(SQ.FT.)	(CFM)	(CFM)	(CFM)	(CFM)
1	OAU-1/AC-02	WELCOME C.-COFFEE	3,225	600	0	0	
	EF.*	RESTROOMS & JAN.		0	0	-250	
		LEVEL 1		600	0	-250	
MEZZ.	OAU-1/AC-02	COFFEE	2,075	500	0	0	
	EF.*	RESTROOMS		0	0	-150	
		MEZZANINE		500	0	-150	
2	OAU-1/AC-02	COFFEE-BAR-KIT.	1,845	500	0	0	
	EF.*	RESTROOMS-KIT		0	0	-675	
		LEVEL 2		500		-675	
		LEVEL 1 THRU LEVEL 2	7,145	1,600	0	-1,075	525
2	WSHPU-201.02	NORTH OFFICES	1,455	225	0	0	75
	EF.*	RESTROOMS & JAN.		0	0	-150	
		LEVEL 2- NORTH OFFICES		225	0	-150	
2	WSHPU-203.04	SOUTH OFFICES	860	200	0	0	50
	EF.*	RESTROOMS & JAN.		0	0	-150	
		LEVEL 2- SOUTH OFFICES		200	0	-150	
3	OAU-1/AC-03	AC-301/ OFFICES	11,685	1,100	0	0	425
	EF.*	RESTROOMS & JAN.		0	0	-675	
		LEVEL 3		1,100	0	-675	
4	OAU-1/AC-04	OFFICES	11,520	1,100	0	0	425
	EF.*	RESTROOMS & JAN.		0	0	-675	
		LEVEL 4		1,100	0	-675	
5	WSHPU-501	MECHANICAL ROOM	2,645	450	0	0	100
	WSHPU-502	MECH. & ELECT. RM.		0	0	0	
	EF.*	RESTROOMS		0	0	-350	
		LEVEL 5		450	0	-350	
		EAST BLDG TOTAL	35,310	4,675	0	-3,075	1,600
NOTE:							
1. THE BUILDING IS *** CFM POSITIVE WHEN ALL FANS RUN AT THE SAME TIME.							

EAST BUILDING- OUTSIDE AIR CALCULATION

AREA SERVED		OUTSIDE AIR REQUIRED					
LEVEL	ROOM NAME	ROOM AREA	AREA OA REATED	PEOPLE	PEOPLE OA RATE	OA REQUIRED	OA PROVIDED
		(SQ.FT.)	(CFM/ SQ.FT.)	(NUM.)	(CFM/ P)	(CFM)	(CFM)
1	E108 WELCOME CENTER	1,100	0.06	20	7.5	216.0	
	E114 & 115 COFFEE-BAR	800	0.18	9	7.5	211.5	
	E107 VESTIBULE	375	0.06	3	7.5	45.0	
	E105 CORRIDOR	635	0.06	0	0.0	38.1	
	E109 W&M RRs & JAN.	250	0.00	0	0.0	0.0	
	E106 ELECTRICAL N	65	0.00	0	0.0	0.0	
	E102 MAIN ELECTRICAL	270	0.00	0	0.0	0.0	
	E101 FLOWRIDER RM	140	0.00	0	0.0	0.0	
MEZZANINE	E100 STORAGE	180	0.06	0	0.0	10.8	
	LEVEL 1	3,815		32		521.4	
	E126, 129 COFFEE	790	0.18	35	7.5	404.7	
	E122, 126, 127 CORRIDOR	830	0.06	0	0.0	49.8	
	E128 STORAGE	275	0.06	0	0.0	16.5	
	E126 ELECTRICAL	65	0.00	0	0.0	0.0	
	E122 RESTROOMS	115	0.00	0	0.0	0.0	
	MEZZANINE	2,075		35		471.0	
2	E210 COFFEE	765	0.18	16	7.5	257.7	
	E209 KITCHEN	385	0.18	5	7.5	106.8	
	E204 MECH. RM	310	0.00	0	0.0	0.0	
	E206 ELECT. RM	65	0.00	0	0.0	0.0	
	E202 W&M RRs, E210 JAN.	320	0.00	0	0.0	0.0	
		LEVEL 2	1,845		21	364.5	1,600
		LEVEL 1, MEZZ. & 2	7,735		88	1,356.9	
2	E213 OFFICES	1,310	0.06	11	5.0	133.6	225
	E213 W&M RRs, JAN.	145	0.00	0	0.0	0.0	
2	LEVEL 2- NORTH OFFICES	1,455		11		133.6	200
	E201 OFFICES	710	0.06	6	5.0	72.6	
	E201 W&M RRs	150	0.00	0	0.0	0.0	
	E201 ELECTRICAL RM	150	0.00	0	0.0	0.0	
3	LEVEL 2- SOUTH OFFICES	1,010		6		72.6	
	E303 & 308 OFFICES	8,410	0.06	67	5.0	839.6	
	E303 BREAKROOM	175	0.06	5	5.0	35.5	
	E303 STORAGE	45	0.06	0	0.0	2.7	
	E310 CORRIDORS	1,895	0.06	0	0.0	113.7	
	E403 MECH. RM	570	0.00	0	0.0	0.0	
	E401 & 406 ELECT. RMs	195	0.00	0	0.0	0.0	
	E306 RRs & JAN.	395	0.00	0	0.0	0.0	
4	LEVEL 3	11,685		72		991.5	1,100
	E402 & 407 OFFICES	8,020	0.06	65	5.0	806.2	
	E402 BREAKROOM	175	0.06	5	5.0	35.5	
	E402 STORAGE	45	0.06	0	0.0	2.7	
	E406 CORRIDORS	2,120	0.06	0	0.0	127.2	
	E403 MECH. RM	570	0.00	0	0.0	0.0	
	E401 & 406 ELECT. RMs	195	0.00	0	0.0	0.0	
	E402 RRs & JAN.	395	0.00	0	0.0	0.0	
5	LEVEL 4	11,520		70		971.6	1,100
	E502 MECHANICAL RM	1,420	0.06	0	0.0	85.2	
	E504 MECHANICAL RM	430	0.06	0	0.0	25.8	
	E506 ELECTRICAL	70	0.00	0	0.0	0.0	
	E506 R's & JAN.	505	0.00	0	0.0	0.0	
	E502 ELECTRICAL	100	0.00	0	0.0	0.0	
5	E502 STORAGE	120	0.00	0	0.0	0.0	450
	LEVEL 5	2,645		0		111.0	
		EAST BLDG TOTAL	36,050		247	3,637	4,675
NOTES:							
1. CALCULATIONS ARE BASED ON 2020 FMC, ESTIMATED MAX. OCCUPANCY PER ARCHITECT DRAWINGS.							
2. ALL OUTSIDE AIR ENTERING THE BUILDING IS PROVIDED THROUGH ONE (1) 100% OUTSIDE AIR UNITS							

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TEL:561.705.5353

ARCHITECT:  
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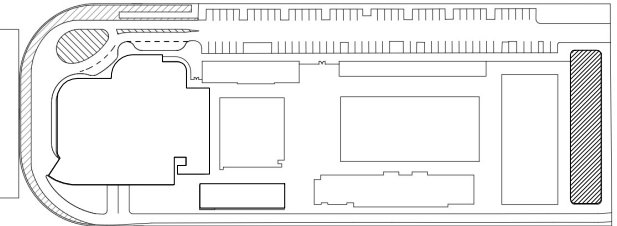
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TEL:954.949.2200

CIVIL ENGINEER:  
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PROJECT  
ISHOF  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



DESCRIPTION DATE

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PROJECT NORTH:



DRAWING TITLE  
MECHANICAL CALCULATIONS

PROJECT NUMBER: 010326.000

DATE: 04/29/22

SCALE: 12" = 1'-0"

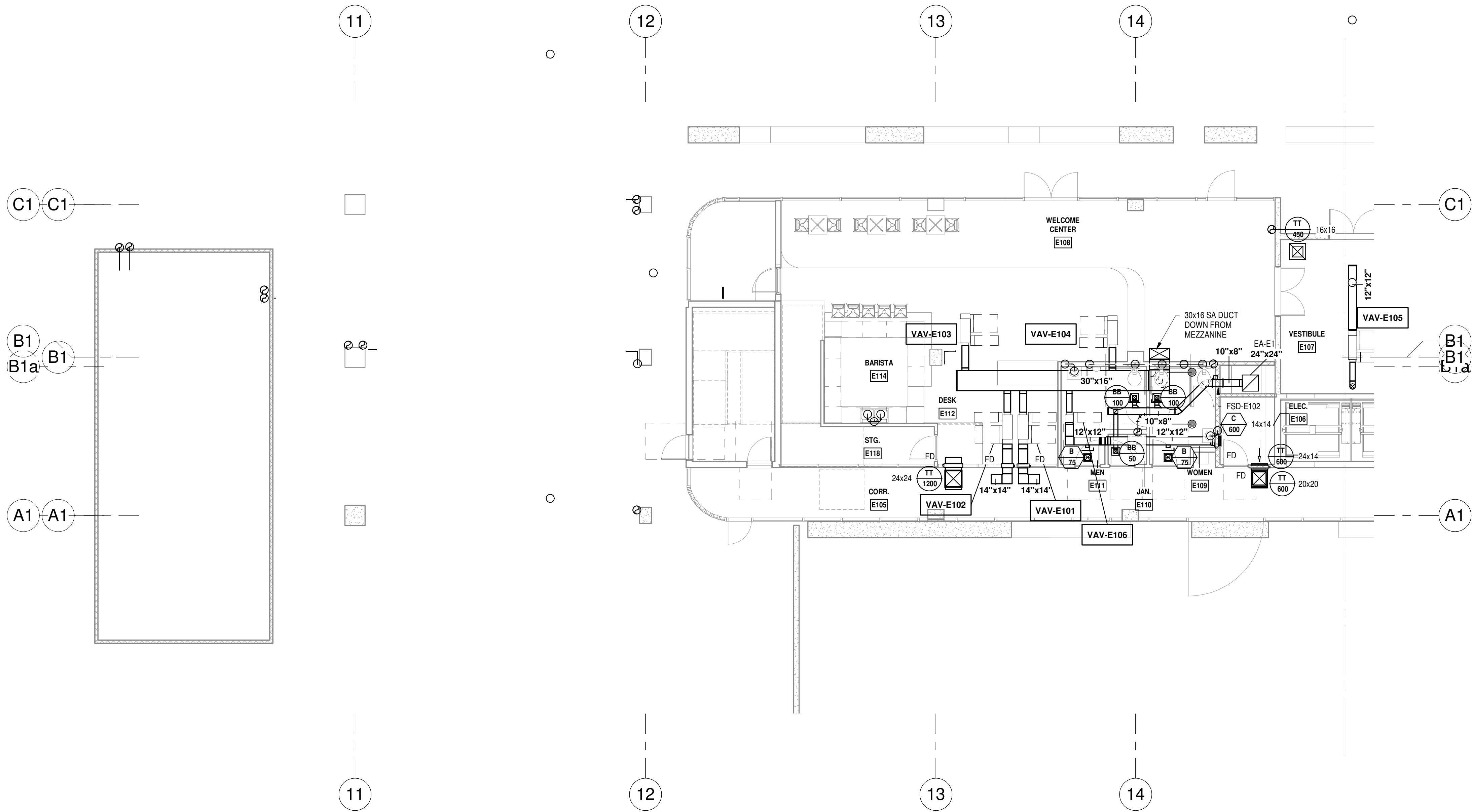
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**LEVEL 01 MECHANICAL PLAN - NORTH**  
1/8" = 1'-0" NORTH

ISSUED FOR PERMIT	-
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KAMM CONSULTING PROJECT #: 2020-0300 PROJECT MANAGER: JOE ZIMMER	
<b>KAMM</b> Consulting 1407 West Newport Center Drive Deerfield Beach, Florida 33442 Phone 954.949.2200 Fax 954.949.2201 engineering@kammconsulting.com	
Certification of Authorization #8189	
06/17/22	

PROGRESS SET

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DATED: 06/17/22

# ARQUITECTONICA

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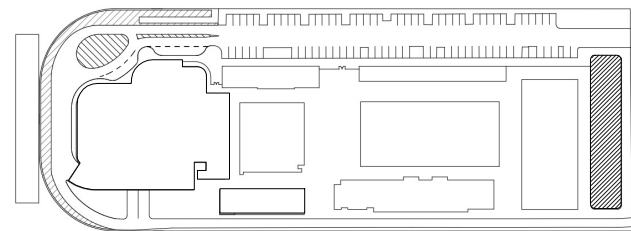
**STRUCTURAL ENGINEER:**  
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PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



△	DESCRIPTION	DATE
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PROJECT NORTH:



DRAWING TITLE

EAST BLDG LEVEL 01 MECHANICAL  
PLAN\_NORTH

PROJECT NUMBER: 010326.000

DATE: 05/24/22

SCALE: 1/8" = 1'-0"

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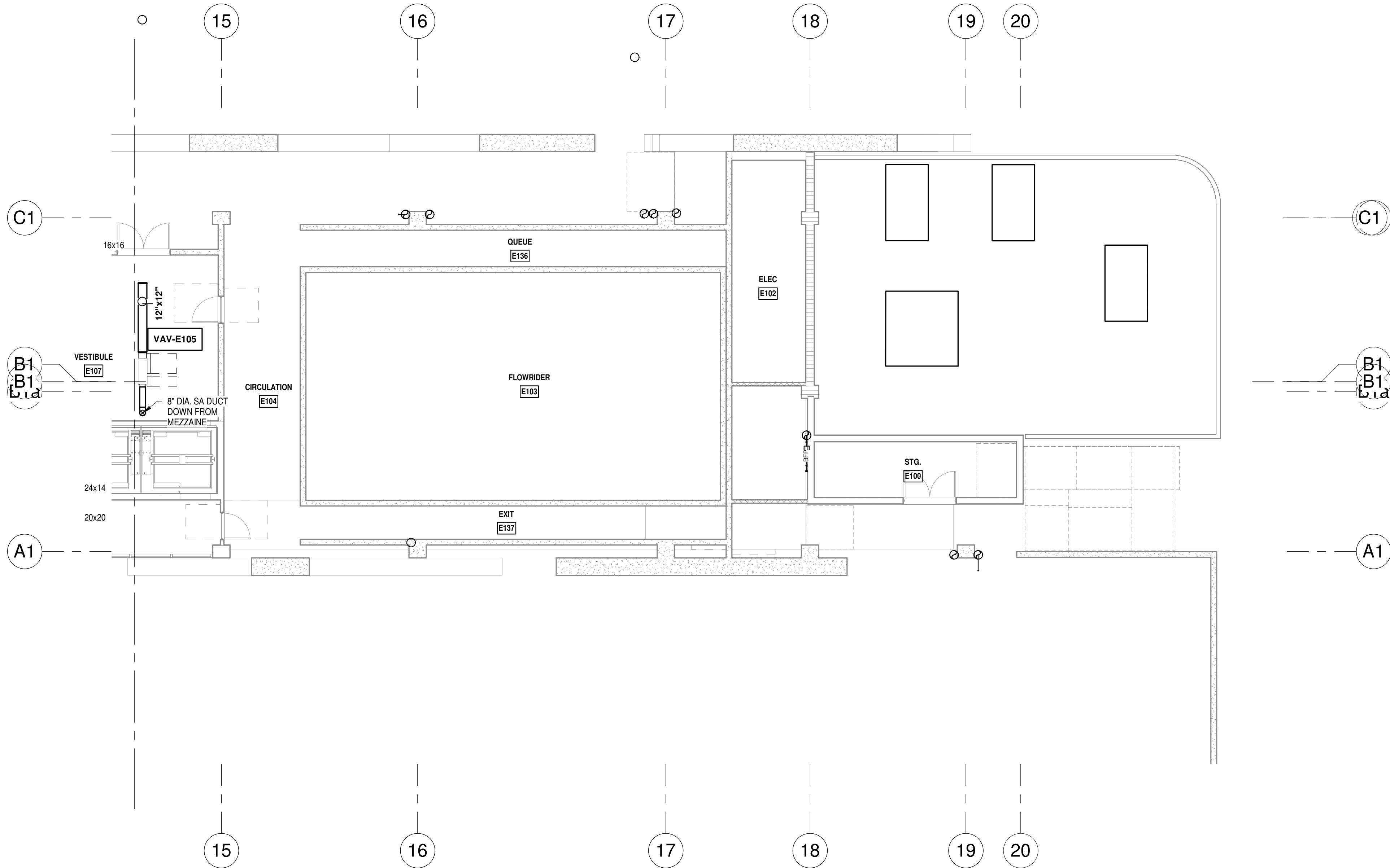
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CAM 23-0723  
Exhibit 1L  
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**LEVEL 01 MECHANICAL PLAN - SOUTH**  
1/8" = 1'-0" NORTH

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ISSUED FOR CONSTRUCTION

KAMM CONSULTING PROJECT #: 2020-0300  
PROJECT MANAGER: JOE ZIMMER

KAMM Consulting

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06/17/22

Certification of Authorization #8189

PROGRESS SET

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DATED: 06/17/22

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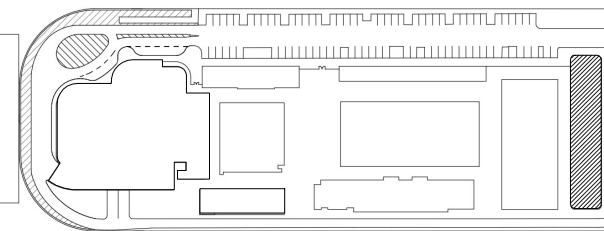
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PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:

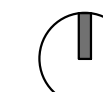


DESCRIPTION DATE

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SEAL & SIGNATURE

PROJECT NORTH:



DRAWING TITLE  
EAST BLDG LEVEL 01 MECHANICAL  
PLAN\_SOUTH

PROJECT NUMBER: 010326.000

DATE: 05/24/22

SCALE: 1/8" = 1'-0"


SHEET

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CAM 23-0723  
Exhibit 1L  
Page 09 of 171





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<b>KAMM CONSULTING PROJECT #:</b> 2020-0300 <b>PROJECT MANAGER:</b> JOE ZIMMER	
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	06/17/22
Certification of Authorization #8189	_____

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PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

△	DESCRIPTION	DATE
---	-------------	------

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SEAL &amp; SIGNATURE

DRAWING TITLE  
EAST BLDG LEVEL 01 MEZZ  
MECHANICAL PLAN\_NORTH

PROJECT NUMBER: 010326.000  
DATE: 04/29/22  
SCALE: 1/8" = 1'-0"

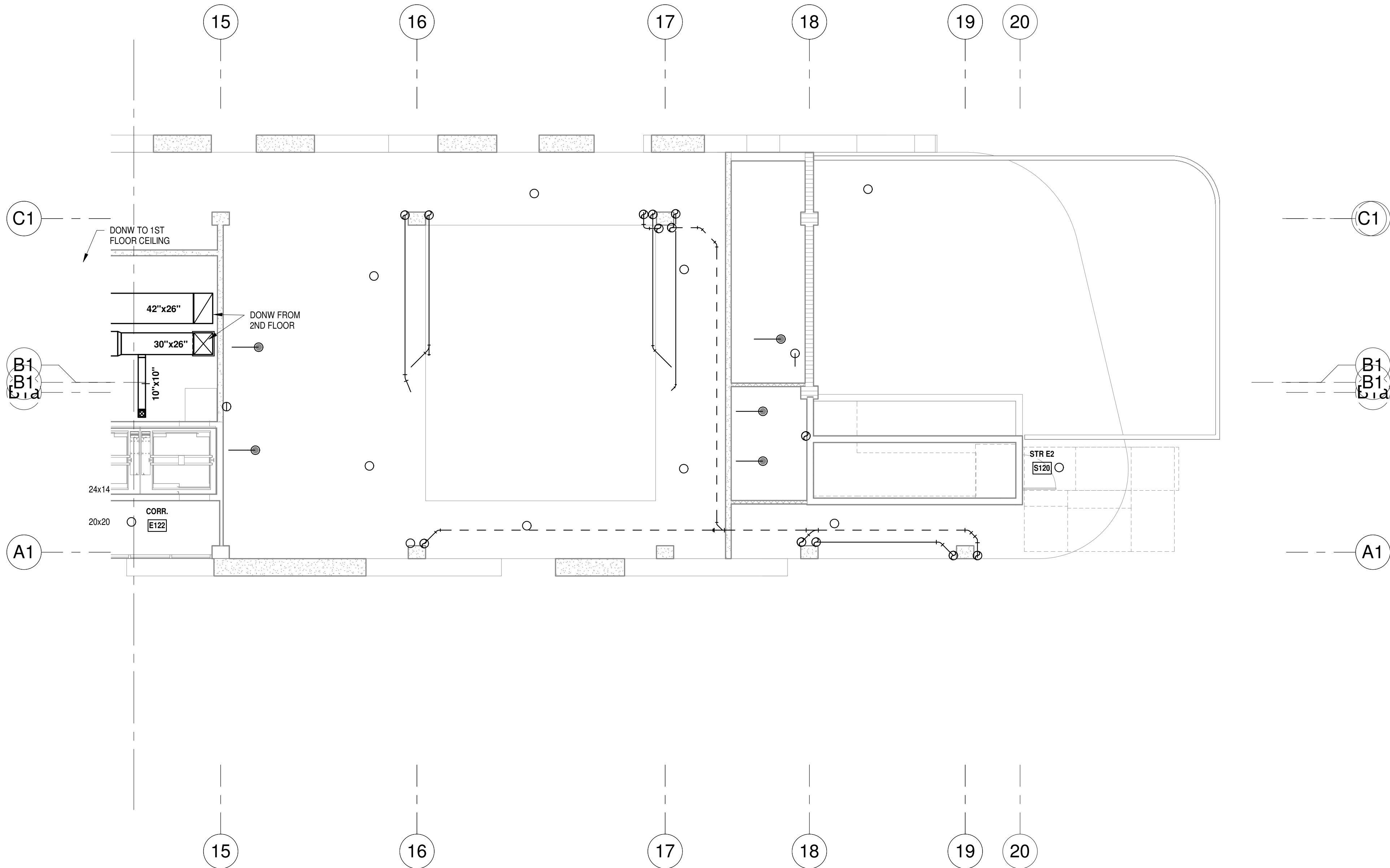
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**LEVEL 01 MEZZ MECHANICAL PLAN - SOUTH**  
1/8" = 1'-0"  NORTH

ISSUED FOR PERMIT	-
ISSUED FOR CONSTRUCTION	-
KAMM CONSULTING PROJECT #:	2020-0300
PROJECT MANAGER:	JOE ZIMMER
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Certification of Authorization #8189	06/17/22

PROGRESS SET

NOT FOR CONSTRUCTION

DATED: 06/17/22

# ARQUITECTONICA

**OWNER:**  
Capital Group P3  
55 NE 5th Avenue, Suite 501  
Boca Raton, FL 33432  
TEL: 561.705.5353

**ARCHITECT:**  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

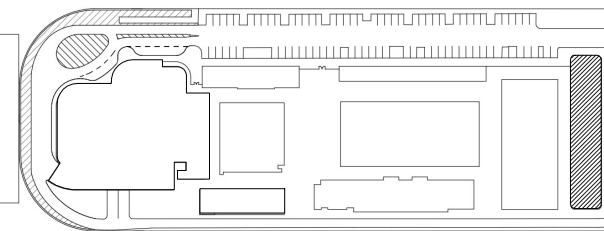
**STRUCTURAL ENGINEER:**  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

**MEP/FP ENGINEERS:**  
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

**CIVIL ENGINEER:**  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:

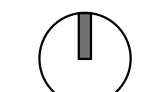


△	DESCRIPTION	DATE
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NOT FOR CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:



DRAWING TITLE  
EAST BLDG LEVEL 01 MEZZ  
MECHANICAL PLAN\_SOUTH

PROJECT NUMBER: 010326.000

DATE: 05/24/22

SCALE: 1/8" = 1'-0"

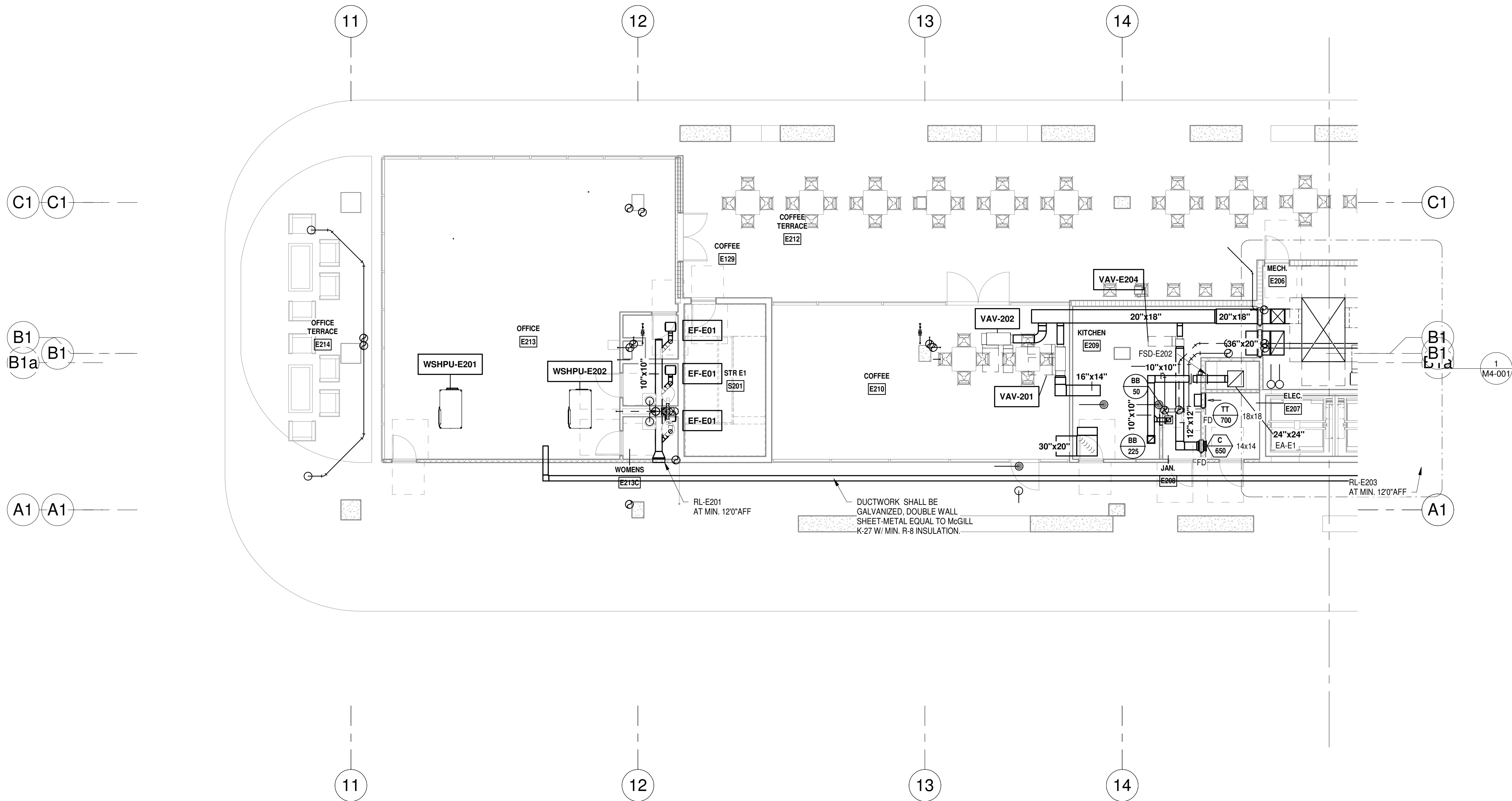
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**M2-101M-S**



6/17/2022 2:36:20 PM

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**LEVEL 02 MECHANICAL PLAN - NORTH**  
1/8" = 1'-0" NORTH

ISSUED FOR PERMIT	-
ISSUED FOR CONSTRUCTION	-
KAMM CONSULTING PROJECT #: 2020-0300 PROJECT MANAGER: JOE ZIMMER	
<b>KAMM</b> Consulting 1407 West Newport Center Drive Deerfield Beach, Florida 33442 Phone 954.949.2200 Fax 954.949.2201 engineering@kammconsulting.com	
Certification of Authorization #8189	
06/17/22	

PROGRESS SET

NOT FOR CONSTRUCTION

DATED: 06/17/22

**ARQUITECTONICA**

OWNER:  
Capital Group P3  
55 NE 5th Avenue, Suite 501  
Boca Raton, FL 33432  
TEL: 561.705.5353

ARCHITECT:  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

MEP/FP ENGINEERS:  
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

CIVIL ENGINEER:  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:

DESCRIPTION	DATE
NOT FOR CONSTRUCTION	

SEAL & SIGNATURE

PROJECT NORTH:

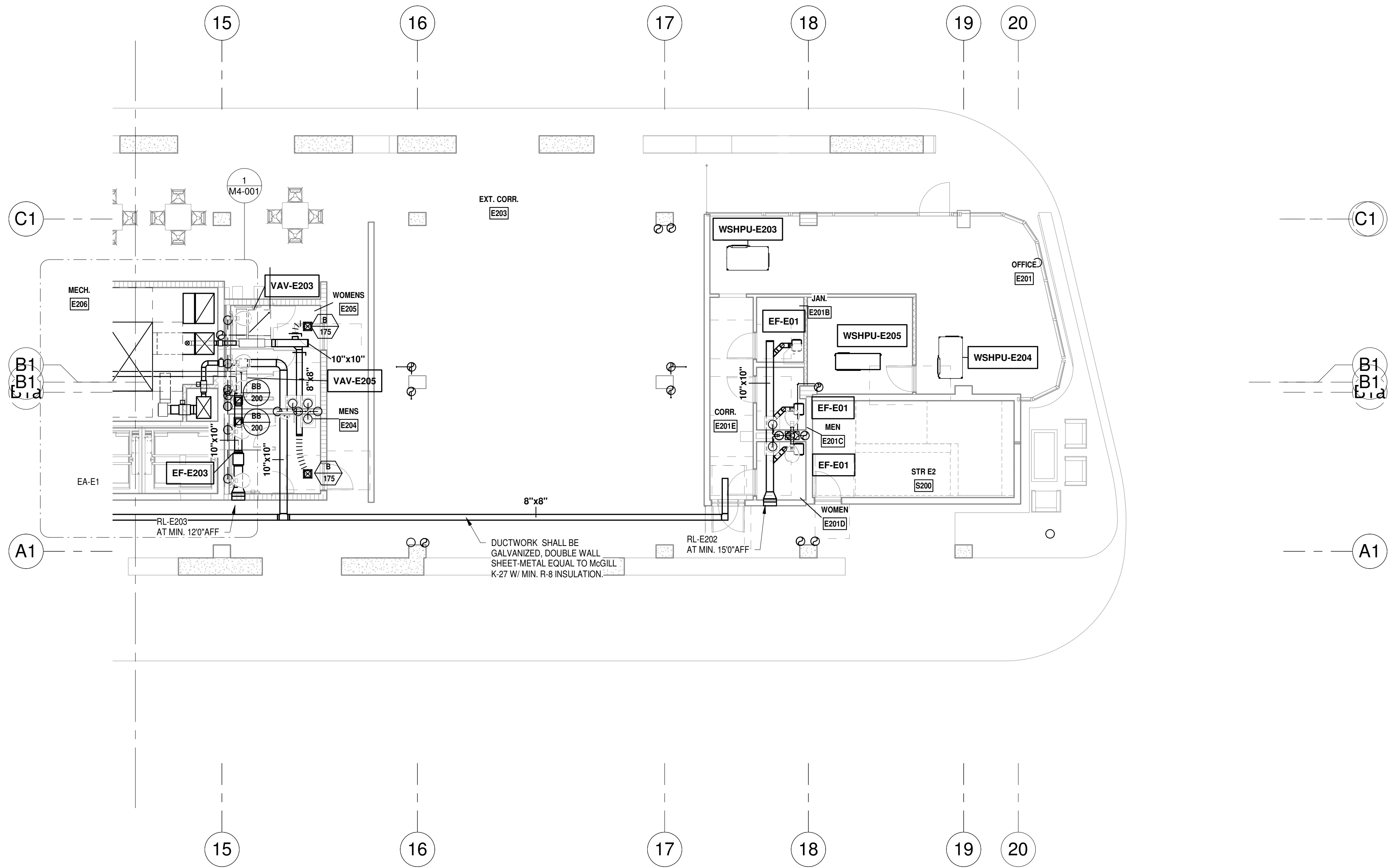
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EAST BLDG LEVEL 02 MECHANICAL  
PLAN\_NORTH

PROJECT NUMBER: 010326.000  
DATE: 05/24/22  
SCALE: 1/8" = 1'-0"  
SHEET  
**M2-102-N**  
CAM 23-0723  
Exhibit 1L  
Page 92 of 171




6/17/2022 2:36:23 PM

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LEVEL 02 MECHANICAL PLAN - SOUTH  
1/8" = 1'-0" NORTH

PROGRESS SET  
NOT FOR CONSTRUCTION  
DATED: 06/17/22

ISSUED FOR PERMIT	-
ISSUED FOR CONSTRUCTION	-
KAMM CONSULTING PROJECT #:	2020-0300
PROJECT MANAGER:	JOE ZIMMER
	1407 West Newport Center Drive Deerfield Beach, Florida 33442 Phone 954.949.2200 Fax 954.949.2201 engineering@kammconsulting.com
Certification of Authorization #8189	06/17/22

# ARQUITECTONICA

**OWNER:**  
Capital Group P3  
55 NE 5th Avenue, Suite 501  
Boca Raton, FL 33432  
TEL: 561.705.5353

**ARCHITECT:**  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

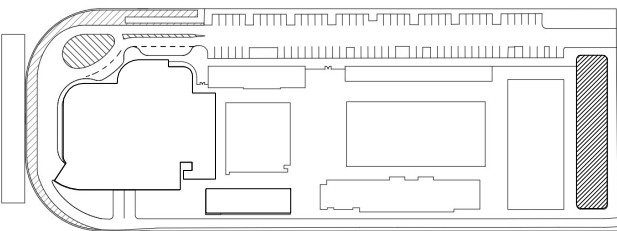
**STRUCTURAL ENGINEER:**  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

**MEP/FP ENGINEERS:**  
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

**CIVIL ENGINEER:**  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



DESCRIPTION	DATE
-------------	------

NOT FOR CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:



DRAWING TITLE  
EAST BLDG LEVEL 02 MECHANICAL  
PLAN\_SOUTH

PROJECT NUMBER: 010326.000  
DATE: 05/24/22  
SCALE: 1/8" = 1'-0"

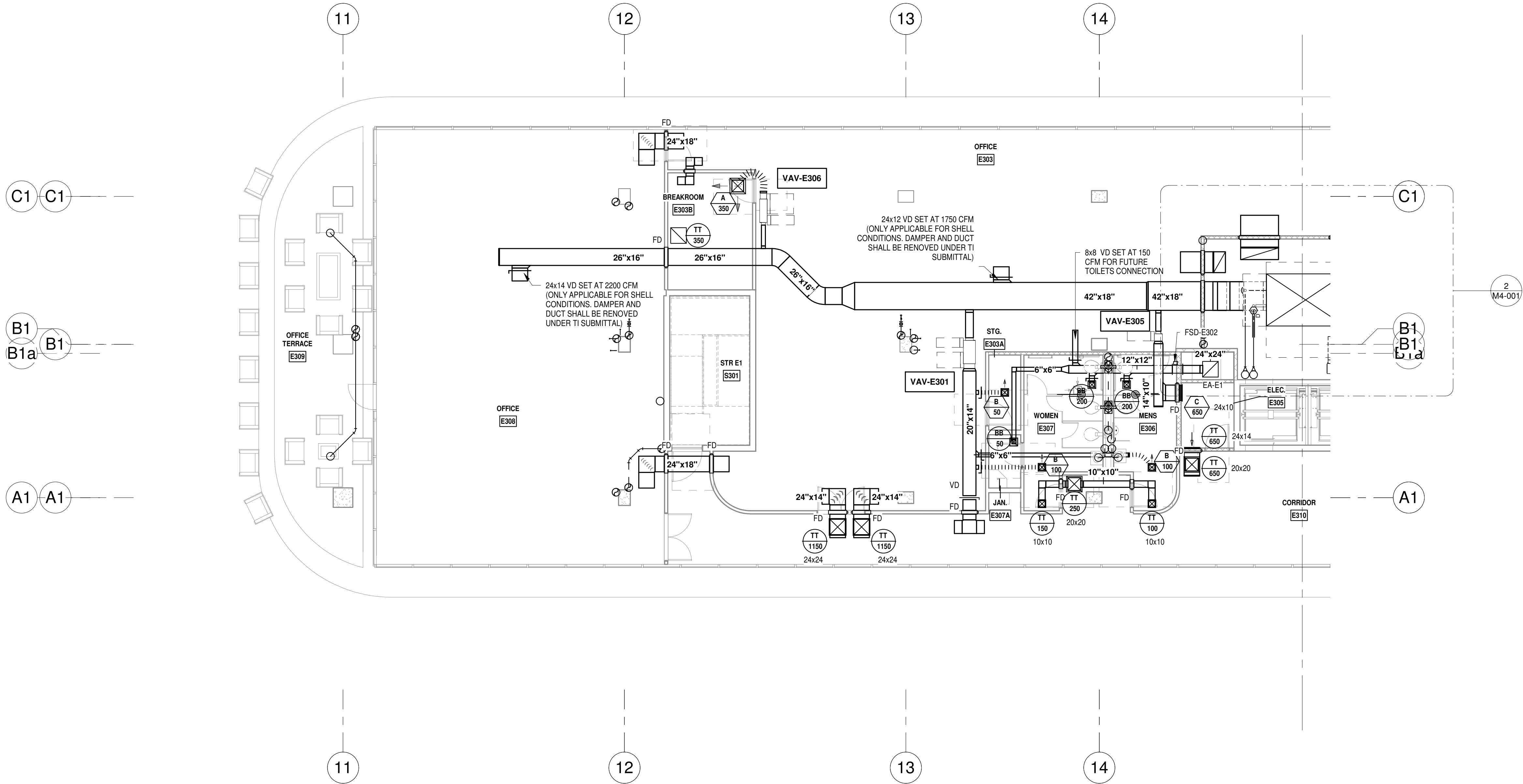
SHEET  
**M2-102-S**

CAM 23-0723  
Exhibit 1L  
Page 93 of 171



6/17/2022 2:36:26 PM

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**LEVEL 03 MECHANICAL PLAN - NORTH**  
1/8" = 1'-0" NORTH

ISSUED FOR PERMIT  
ISSUED FOR CONSTRUCTION

KAMM CONSULTING PROJECT #:

2020-0300

PROJECT MANAGER:

JOE ZIMMER

KAMM Consulting

1407 West Newport Center Drive  
Deerfield Beach, Florida 33442  
Phone 954.949.2200 Fax 954.949.2201  
engineering@kammconsulting.com

06/17/22

Certification of Authorization #8189

PROGRESS SET

NOT FOR CONSTRUCTION

DATED: 06/17/22

**ARQUITECTONICA**

**OWNER:**  
Capital Group P3  
55 NE 5th Avenue, Suite 501  
Boca Raton, FL 33432  
TEL: 561.705.5353

**ARCHITECT:**  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

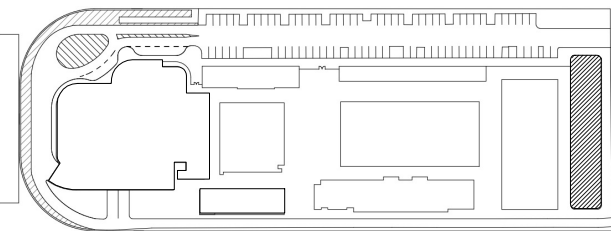
**STRUCTURAL ENGINEER:**  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

**MEP/FP ENGINEERS:**  
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

**CIVIL ENGINEER:**  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



DESCRIPTION DATE

NOT FOR CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:



DRAWING TITLE  
EAST BLDG LEVEL 03 MECHANICAL  
PLAN\_NORTH

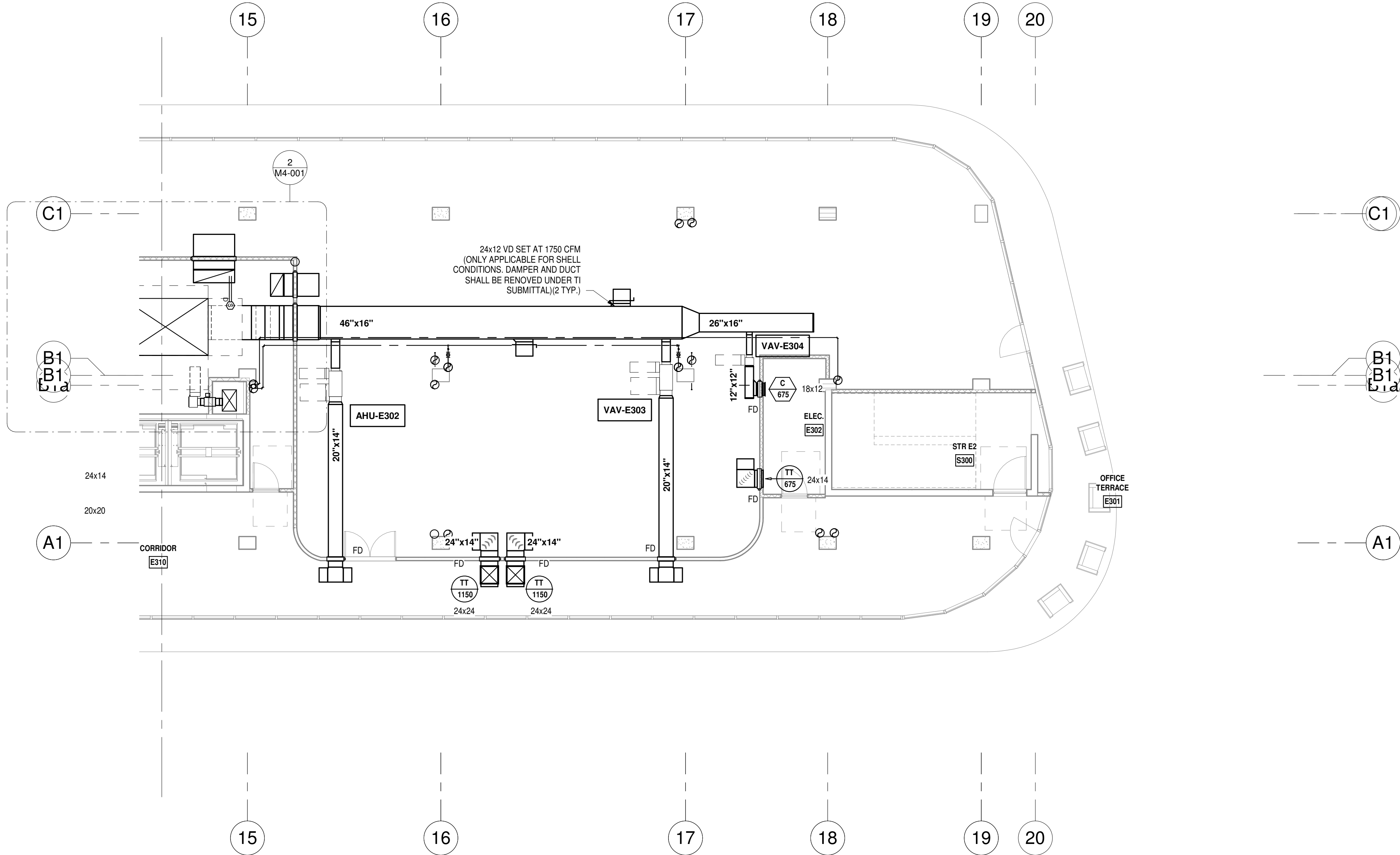
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DATE: 05/24/22  
SCALE: 1/8" = 1'-0"

SHEET  
**M2-103-N**



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**LEVEL 03 MECHANICAL PLAN - SOUTH**  
1/8" = 1'-0" NORTH

PROGRESS SET  
NOT FOR CONSTRUCTION  
DATED: 06/17/22

ISSUED FOR PERMIT	
ISSUED FOR CONSTRUCTION	
KAMM CONSULTING PROJECT #: 2020-0300	
PROJECT MANAGER: JOE ZIMMER	
	1407 West Newport Center Drive Deerfield Beach, Florida 33442 Phone 954.949.2200 Fax 954.949.2201 engineering@kammconsulting.com
	06/17/22
	Certification of Authorization #8189

**ARQUITECTONICA**

**OWNER:**  
Capital Group P3  
55 NE 5th Avenue, Suite 501  
Boca Raton, FL 33432  
TEL: 561.705.5353

**ARCHITECT:**  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

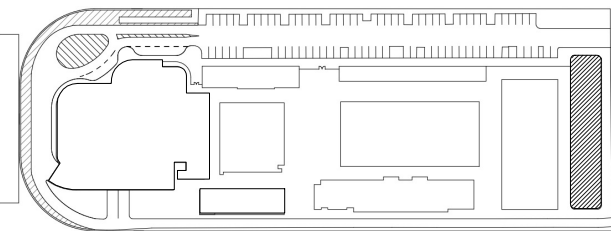
**STRUCTURAL ENGINEER:**  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

**MEP/FP ENGINEERS:**  
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

**CIVIL ENGINEER:**  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:

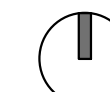


DESCRIPTION	DATE
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NOT FOR CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:



DRAWING TITLE  
EAST BLDG LEVEL 03 MECHANICAL  
PLAN\_SOUTH

PROJECT NUMBER: 010326.000  
DATE: 05/24/22  
SCALE: 1/8" = 1'-0"

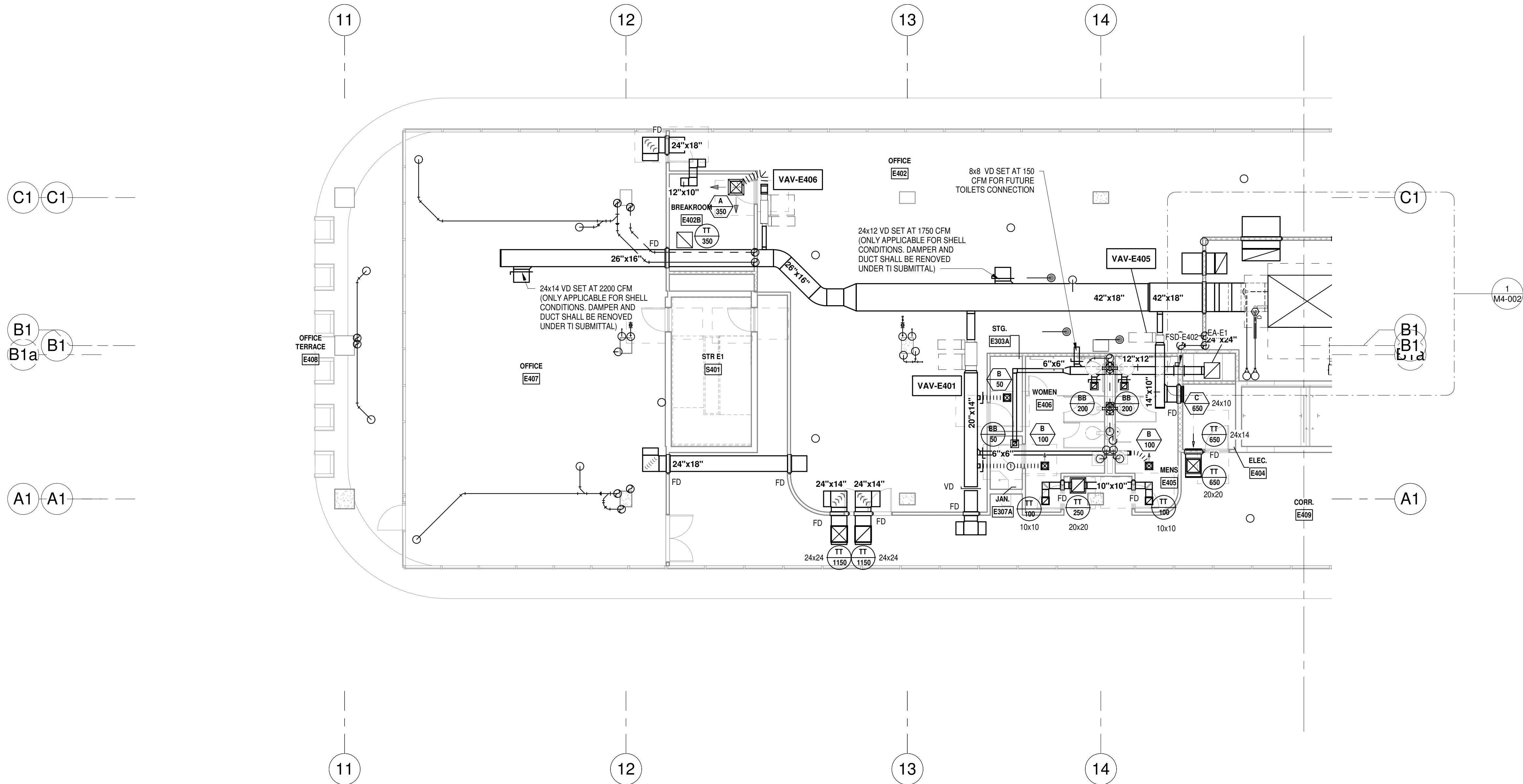
SHEET  
**M2-103-S**

CAM 23-0723  
Exhibit 1L  
Page 95 of 171



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**LEVEL 04 MECHANICAL PLAN - NORTH**  
1/8" = 1'-0" NORTH

PROGRESS SET  
NOT FOR CONSTRUCTION  
DATED: 06/17/22

ISSUED FOR PERMIT	-
ISSUED FOR CONSTRUCTION	-
KAMM CONSULTING PROJECT #:	2020-0300
PROJECT MANAGER:	JOE ZIMMER
<b>KAMM</b> Consulting	1407 West Newport Center Drive Deerfield Beach, Florida 33442 Phone 954.949.2200 Fax 954.949.2201 engineering@kammconsulting.com
Certification of Authorization #8189	06/17/22

## ARQUITECTONICA

**OWNER:**  
Capital Group P3  
55 NE 5th Avenue, Suite 501  
Boca Raton, FL 33432  
TEL: 561.705.5353

**ARCHITECT:**  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

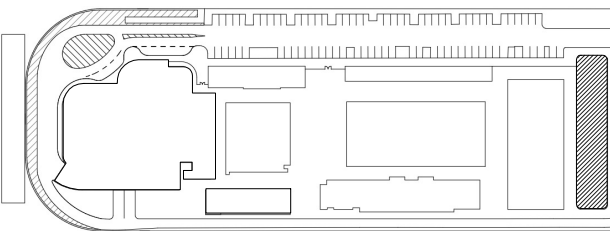
**STRUCTURAL ENGINEER:**  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

**MEP/FP ENGINEERS:**  
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

**CIVIL ENGINEER:**  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



DESCRIPTION DATE

NOT FOR  
CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:



DRAWING TITLE

EAST BLDG LEVEL 04 MECHANICAL  
PLAN\_NORTH

PROJECT NUMBER: 010326.000

DATE: 05/24/22

SCALE: 1/8" = 1'-0"

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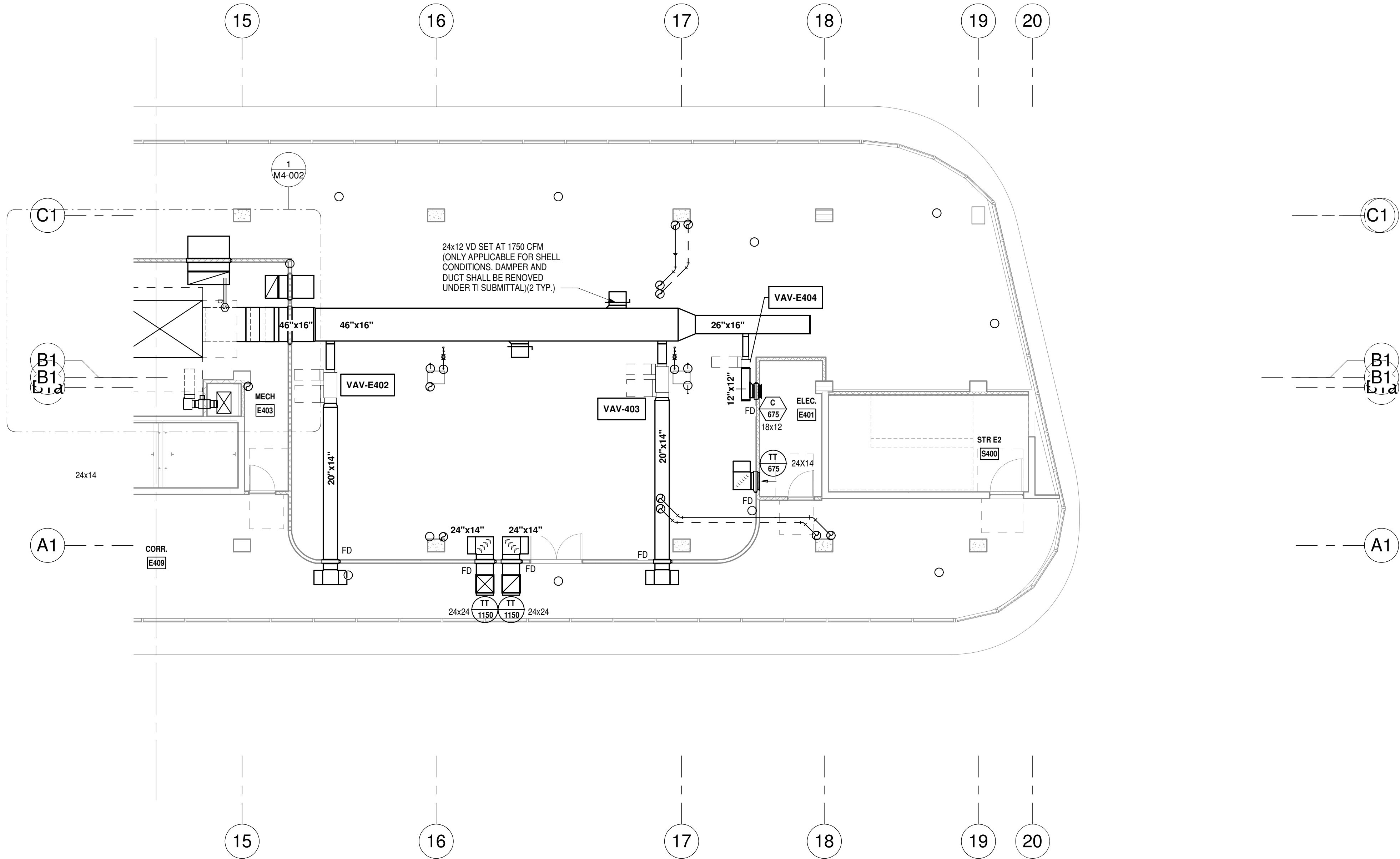
**M2-104-N**

CAM 23-0723  
Exhibit 1L  
Page 96 of 171



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**LEVEL 04 MECHANICAL PLAN - SOUTH**  
1/8" = 1'-0" NORTH

PROGRESS SET  
NOT FOR CONSTRUCTION  
DATED: 06/17/22

ISSUED FOR PERMIT	-
ISSUED FOR CONSTRUCTION	-
KAMM CONSULTING PROJECT #:	2020-0300
PROJECT MANAGER:	JOE ZIMMER
<b>KAMM</b> Consulting	1407 West Newport Center Drive Deerfield Beach, Florida 33442 Phone 954.949.2200 Fax 954.949.2201 engineering@kammconsulting.com
Certification of Authorization #8189	06/17/22

## ARQUITECTONICA

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TEL: 561.705.5353

**ARCHITECT:**  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

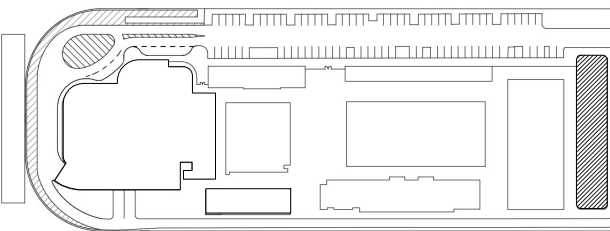
**STRUCTURAL ENGINEER:**  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

**MEP/FP ENGINEERS:**  
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

**CIVIL ENGINEER:**  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



DESCRIPTION	DATE
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CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:



DRAWING TITLE

EAST BLDG LEVEL 04 MECHANICAL  
PLAN\_SOUTH

PROJECT NUMBER: 010326.000

DATE: 05/24/22

SCALE: 1/8" = 1'-0"

SHEET

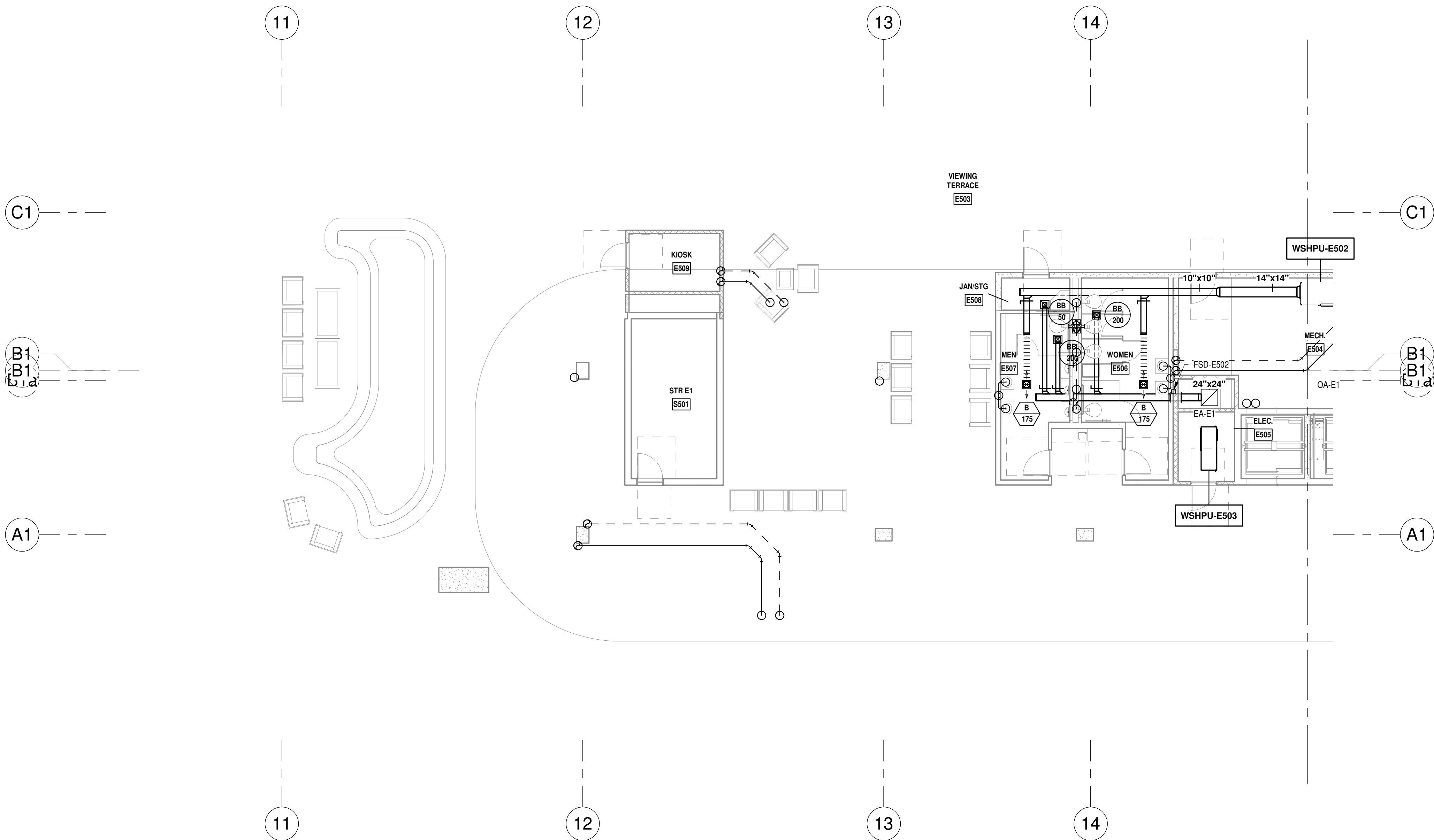
**M2-104-S**

CAM 23-0723  
Exhibit 1L  
Page 97 of 171




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**LEVEL 05 MECHANICAL PLAN - NORTH**  
1/8" = 1'-0" NORTH

ISSUED FOR PERMIT	-
ISSUED FOR CONSTRUCTION	-
KAMM CONSULTING PROJECT #: 2020-0300	
PROJECT MANAGER: JOE ZIMMER	
 1407 West Newport Center Drive Deerfield Beach, Florida 33442 Phone 954.949.2200 Fax 954.949.2201 engineering@kammconsulting.com	
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PROGRESS SET
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DATED: 06/17/22

**ARQUITECTONICA**

**OWNER:**  
Capital Group P3  
55 NE 5th Avenue, Suite 501  
Boca Raton, FL 33432  
TEL: 561.705.5353

**ARCHITECT:**  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

**STRUCTURAL ENGINEER:**  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

**MEP/FP ENGINEERS:**  
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

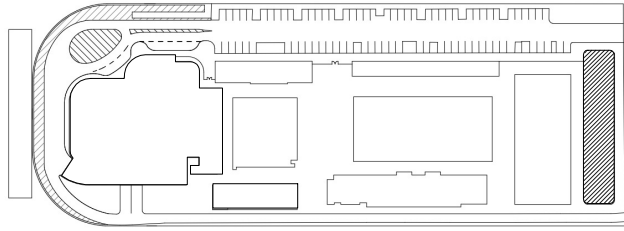
**CIVIL ENGINEER:**  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400


PROJECT

**ISHOF**

1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:

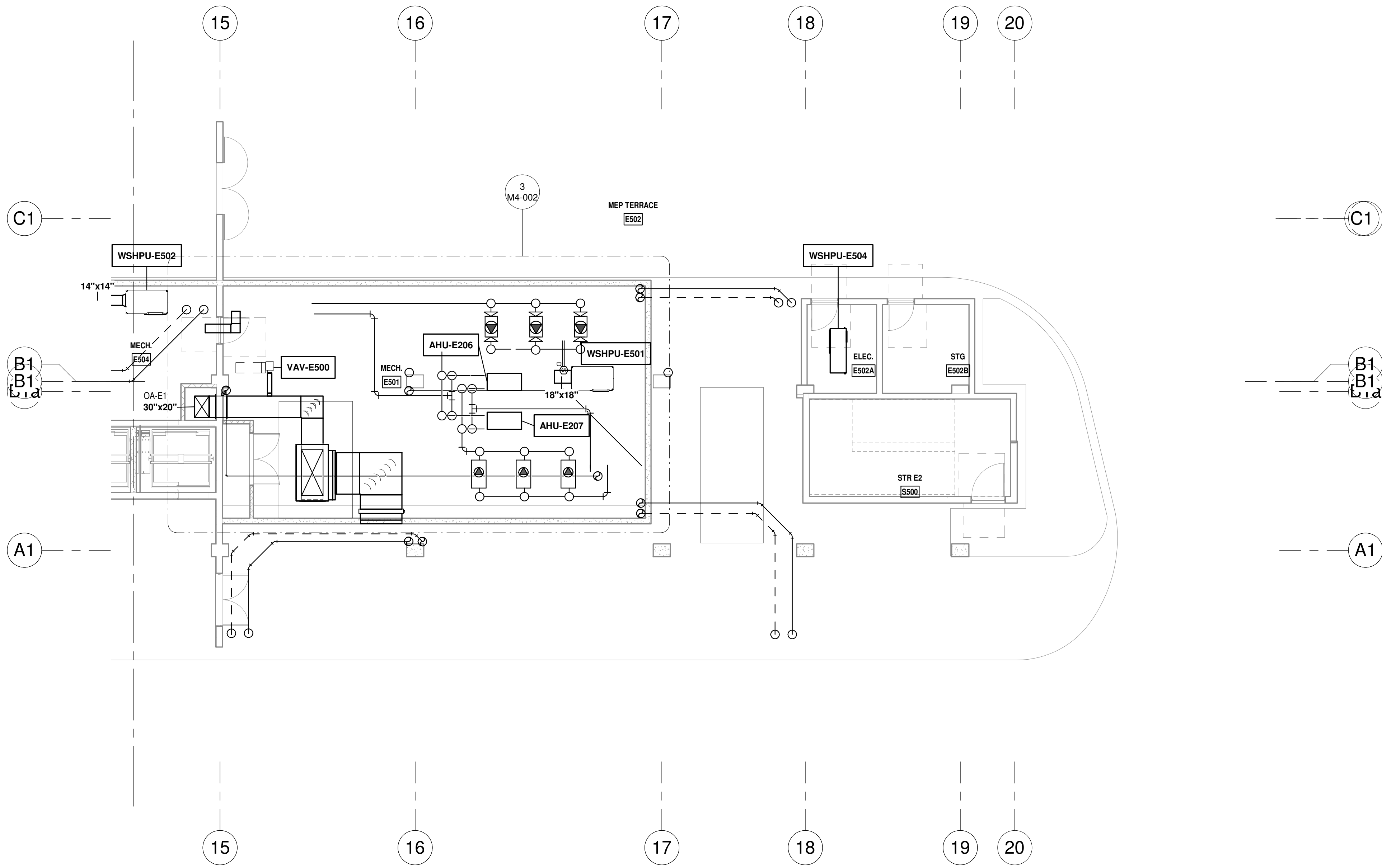


△	DESCRIPTION	DATE
<div>NOT FOR CONSTRUCTION</div>		
SEAL & SIGNATURE		
PROJECT NORTH: 		
DRAWING TITLE EAST BLDG LEVEL 05 MECHANICAL PLAN_NORTH		
PROJECT NUMBER: 010326.000 DATE: 05/24/22 SCALE: 1/8" = 1'-0"		
SHEET <b>M2-105-N</b> CAM 23-0723 Exhibit 1L Page 90 of 171		




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LEVEL 05 MECHANICAL PLAN - SOUTH  
1/8" = 1'-0" NORTH

PROGRESS SET  
NOT FOR CONSTRUCTION  
DATED: 06/17/22

ISSUED FOR PERMIT	-
ISSUED FOR CONSTRUCTION	-
KAMM CONSULTING PROJECT #:	2020-0300
PROJECT MANAGER:	JOE ZIMMER
	1407 West Newport Center Drive Deerfield Beach, Florida 33442 Phone 954.949.2200 Fax 954.949.2201 engineering@kammconsulting.com
Certification of Authorization #8189	06/17/22

ARQUITECTONICA

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55 NE 5th Avenue, Suite 501  
Boca Raton, FL 33432  
TEL: 561.705.5353

ARCHITECT:  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

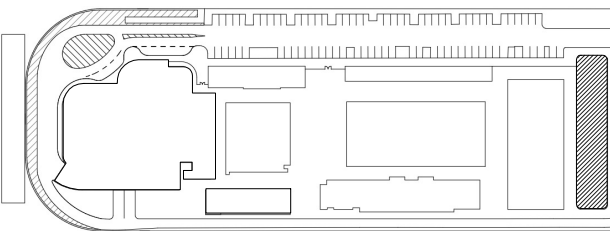
STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

MEP/FP ENGINEERS:  
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

CIVIL ENGINEER:  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:

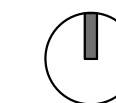


△	DESCRIPTION	DATE
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NOT FOR CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:



DRAWING TITLE

EAST BLDG LEVEL 05 MECHANICAL  
PLAN\_SOUTH

PROJECT NUMBER: 010326.000

DATE: 05/24/22

SCALE: 1/8" = 1'-0"

SHEET

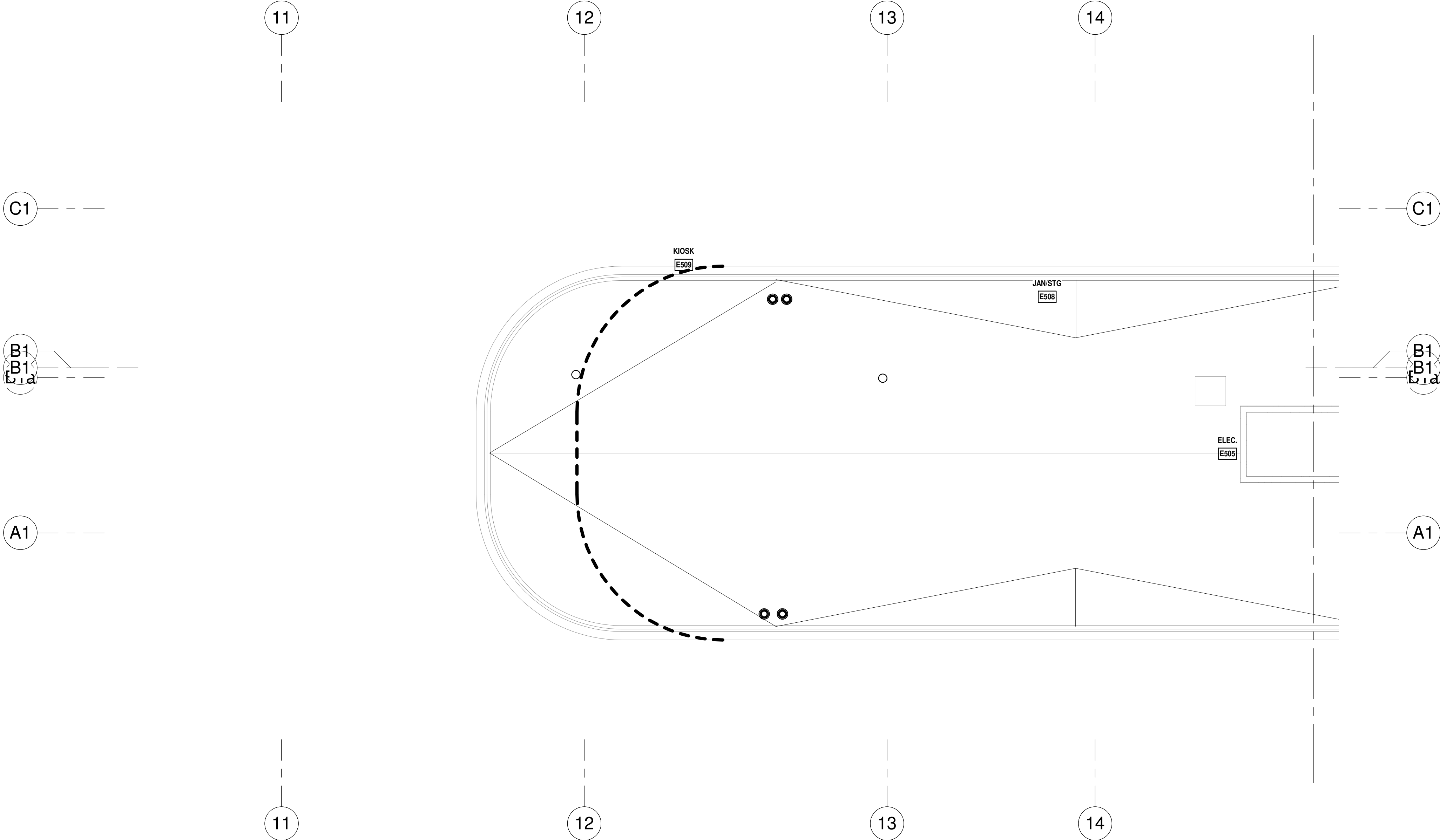
M2-105-S

CAM 23-0723  
Exhibit 1L  
Page 99 of 171




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ROOF LEVEL MECHANICAL PLAN - NORTH  
1/8" = 1'-0" NORTH

ISSUED FOR PERMIT  
ISSUED FOR CONSTRUCTION

KAMM CONSULTING PROJECT #: 2020-0300  
PROJECT MANAGER: JOE ZIMMER  


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Deerfield Beach, Florida 33442  
Phone 954.949.2200 Fax 954.949.2201  
engineering@kammconsulting.com

06/17/22

Certification of Authorization #8189

PROGRESS SET  
NOT FOR CONSTRUCTION  
DATED: 06/17/22

ARQUITECTONICA

OWNER:  
Capital Group P3  
55 NE 5th Avenue, Suite 501  
Boca Raton, FL 33432  
TEL: 561.705.5353

ARCHITECT:  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

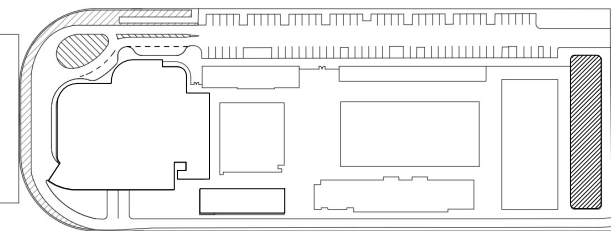
STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

MEP/FP ENGINEERS:  
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

CIVIL ENGINEER:  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



△	DESCRIPTION	DATE
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NOT FOR  
CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:



DRAWING TITLE  
EAST BLDG ROOF LEVEL MECHANICAL  
PLAN\_NORTH

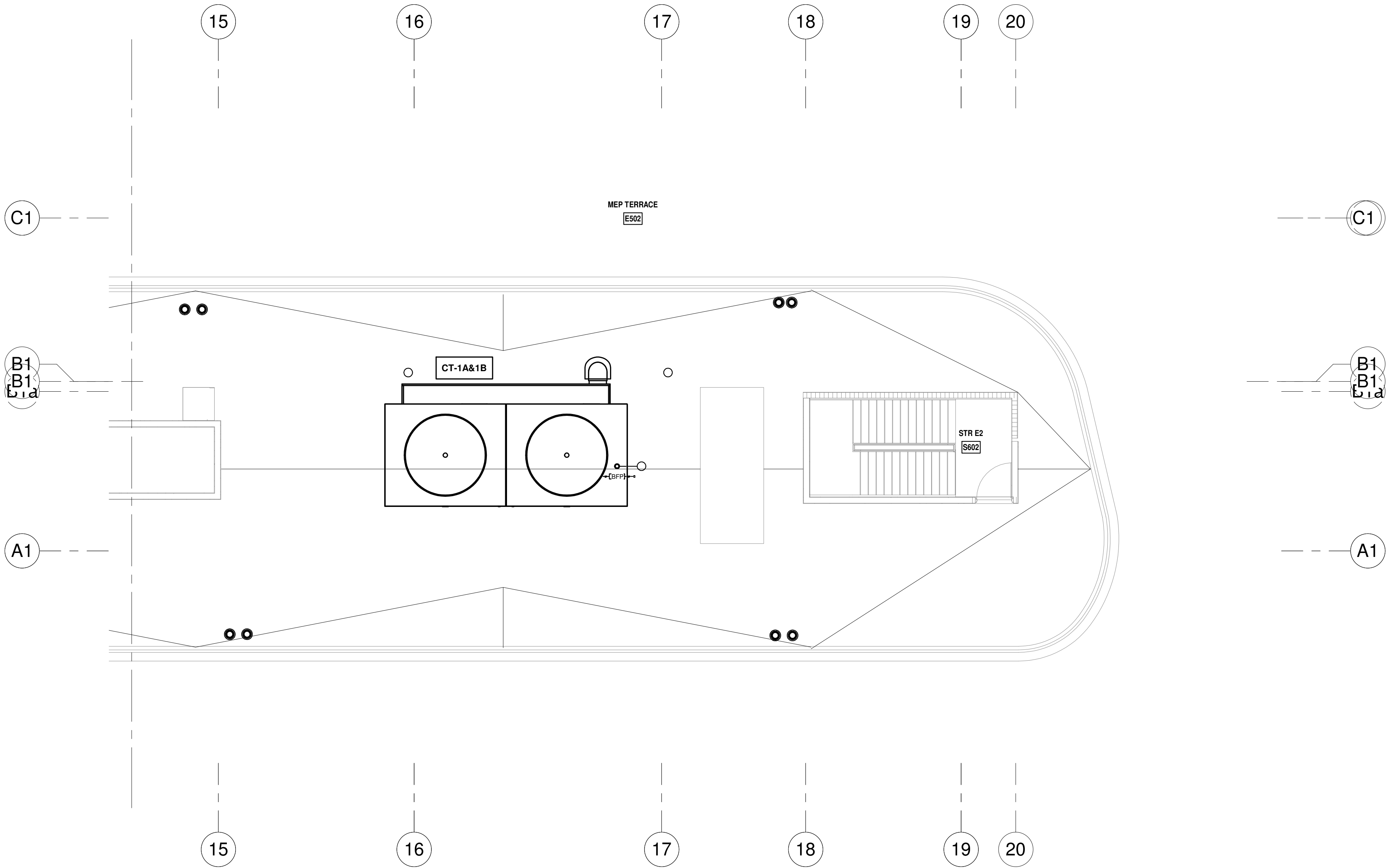
PROJECT NUMBER: 010326.000  
DATE: 05/24/22  
SCALE: 1/8" = 1'-0"

SHEET  
**M2-106-N**



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**ROOF LEVEL MECHANICAL PLAN - SOUTH**  
1/8" = 1'-0" NORTH

ISSUED FOR PERMIT  
ISSUED FOR CONSTRUCTION

KAMM CONSULTING PROJECT #: 2020-0300  
PROJECT MANAGER: JOE ZIMMER  
**KAMM** Consulting  
1407 West Newport Center Drive  
Deerfield Beach, Florida 33442  
Phone 954.949.2200 Fax 954.949.2201  
engineering@kammconsulting.com  
06/17/22  
Certification of Authorization #8189

PROGRESS SET  
NOT FOR CONSTRUCTION  
DATED: 06/17/22

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TEL: 305.372.1812

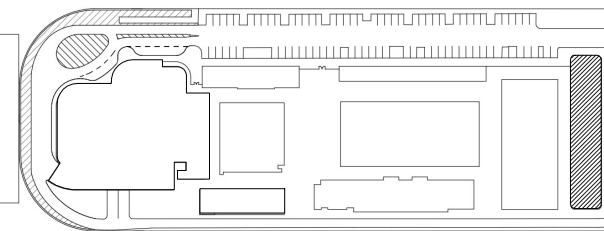
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TEL: 954.788.3400

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**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

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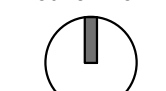


△	DESCRIPTION	DATE
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CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:




DRAWING TITLE  
EAST BLDG ROOF LEVEL MECHANICAL  
PLAN\_SOUTH

PROJECT NUMBER: 010326.000  
DATE: 05/24/22  
SCALE: 1/8" = 1'-0"

SHEET  
**M2-106-S**





<b>PROGRESS SET</b>  <hr/> <b>NOT FOR CONSTRUCTION</b>  <hr/> <b>DATED: 06/17/22</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">ISSUED FOR PERMIT</td> <td style="width: 50%; text-align: right;">_____</td> </tr> <tr> <td>ISSUED FOR CONSTRUCTION</td> <td style="text-align: right;">_____</td> </tr> </table>	ISSUED FOR PERMIT	_____	ISSUED FOR CONSTRUCTION	_____		
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ISSUED FOR CONSTRUCTION	_____						
<table style="width: 100%;"> <tr> <td style="width: 35%;">KAMM CONSULTING PROJECT #:</td> <td style="width: 30%;">2020-0300</td> <td style="width: 35%;"></td> </tr> <tr> <td>PROJECT MANAGER:</td> <td>JOE ZIMMER</td> <td></td> </tr> </table> <div style="display: flex; justify-content: space-between; align-items: center; margin-top: 10px;"> <div style="text-align: center;">  <p><b>KAMM</b> Consulting</p> </div> <div style="text-align: right;"> <p>1407 West Newport Center Drive Deerfield Beach, Florida 33442 Phone 954.949.2200 Fax 954.949.2201 engineering@kammconsulting.com</p> </div> </div> <div style="text-align: right; margin-top: 10px;"> <p>06/17/22</p> <p>_____</p> <p>Certification of Authorization #8189</p> </div>		KAMM CONSULTING PROJECT #:	2020-0300		PROJECT MANAGER:	JOE ZIMMER	
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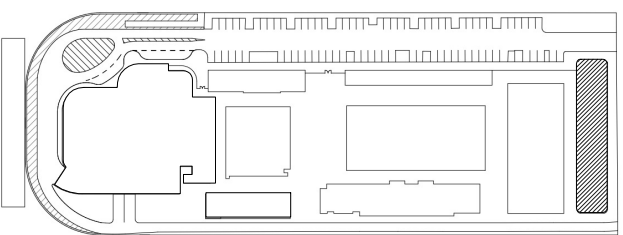
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PROJECT NORTH:

	DRAWING TITLE
ENLARGED MECHANICAL PLANS	

PROJECT NUMBER: 010326.000  
DATE: 05/20/22  
SCALE: 1/4" = 1'-0"

SHEET  
M4-001







	COOLING MODE DATA	CONDENSER WATER	ELECTRICAL DATA
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EAST BUILDING - 100% OUTSIDE AIR WATER SOURCE HEAT PUMP UNIT SCHEDULE

TAG	AREA SERVED	MANUF./MODEL	NOMINAL TONS	EER/COP	REFRIG. (LBS)	SUPPLY FAN DATA			COOLING MODE DATA					HEATING MODE DATA			CONDENSER WATER		RE-HEAT COIL		AUX. ELECT. HEAT		CONFIGURATION		ELECTRICAL DATA				GEN. DATA							
						SA (CFM)	OA (CFM)	ESP/TSP (IN WG)	TOTAL CAP. (MBH)	SENSIBLE CAP. (MBH)	LATENT CAP. (MBH)	EAT DB/WB (°F/°F)	LAT DB/WB COIL(°F/°F)	LAT DB/WB UNIT(°F/°F)	EWI/LWT (°F/°F)	TOTAL CAP. (MBH)	EAT/LAT DB (°F/°F)	EWI/LWT (°F/°F)	FLOW (GPM)	FLOW P.D. (FT. WG.)	UNIT CONNEC.	TOTAL CAP. (MBH)	LAT DB/WB UNIT (°F/°F)	OUTPUT (KW)	EAT/LAT DB (°F/°F)	UNIT	DEHUMIDIFICATION	FAN SPEED MOTOR TYPE	RETURN AIR FLOW/ SUPPLY AIRFLOW	SA FAN MOTOR (HP)	NO. COMP. / RLA	VOLT./PH/HZ	FLA/MCA/MOCP	OPERATING WEIGHT(LB)	DIMENSION WxLxD(IN)	NOTES
OAU-E1	EAST BUILDING	AAON/ SA035	35	13.1/3.67	R-410A"	4,700	4,700	2.5/3.05	402.29	185.16	217.13	91.0/79.0	52.8/52.7	55.1/53.7	87.0/97.0	425.8	40.0/119.0	70.0/63.9	105.0	15.9	*	97.0	72.0/60.2	-	-	VERTICAL	YES/ HGHR		REFER TO M2.1	2 @ 2.0	2 @ 26.9	460/360	61.0/67.0/90	*	*	AS NOTED

NOTES:

1. UNITS SHALL BE "ARI", RATED AND SHALL BE UL OR ETL LISTED AND LABELED BY THE FINAL POINT OF MANUFACTURE OR MODIFICATION. IF THE CONTRACTOR SUPPLIES A UNIT IN VIOLATION TO THIS, THEY WILL BE RESPONSIBLE TO HAVE EACH INDIVIDUAL UNIT FIELD INSPECTED AND LABELED BY UL AT NO COST TO THE OWNER.

2. UNIT SHALL BE DOUBLE WALL G90 CABINET CONSTRUCTION WITH MINIMUM OF 2" INJECTED POLYURETHANE FOAM R-13 INSULATION. NO FIBERGLASS.

3. UNIT SHALL BE G90 GALVANIZED STEEL CONSTRUCTION INSIDE AND OUT. UNIT INTERIOR AND EXTERIOR SURFACES SHALL BE COATED TO EXCEED 10,000 HR SALT SPRAY TEST IN ACCORDANCE WITH ASTM B-117-95 PROCEDURES BY MANUFACTURER OR ALTERNATE CORROSION PROTECTION COATING WITH PRODUCTS BY SURSILL, LUVATA, THERMOGUARD, OR BLYGOLD

4. COOLING AND RE-HEAT COILS SHALL BE PROVIDED WITH CORROSION PROTECTION COATED THAT EXCEEDS 10,000 HOUR SALT SPRAY TEST PER ASTM B 117-95 PROCEDURES BY MANUFACTURER (FULLY DIPPED COIL OR ALTERNATE CORROSION PROTECTION COATING WITH PRODUCTS BY SURSILL, LUVATA, THERMOGUARD, OR BLYGOLD.

5. PROVIDE ACCESS DOORS WITH SAME CONSTRUCTION AS ABOVE AND WITH FULL PLANO STAINLESS STEEL HINGES AND TOOL-LESS 1/4 TURN HANDLES. PROVIDE ACCESS DOORS FOR THE FILTERS SECTION, BLOWER SECTION, HEATER SECTION, COILS SECTION, AND CONTROL/COMPRESSORS CABINET.

6. PROVIDE COMPRESSOR 5-YEAR WARRANTY AND 1-YEAR PART WARRANTY.

7. UNIT SHALL HAVE SCROLL COMPRESSORS WITH INDEPENDENT REFRIGERANT CIRCUITS AND COMPRESSORS ISOLATION VALVES. EACH REFRIGERANT CIRCUITS MUST INCLUDE LIQUID LINE FILTER DRIERS, TXV, CRANKCASE HEATERS, HIGH & LOW PRESSURE CUTOFFS AND SHRADER SERVICE FITTINGS ON THE HIGH & LOW PRESSURE SIDES OF THE SYSTEM.

8. THE COMPRESSORS SHALL BE INSTALLED INSIDE AN ISOLATED ENCLOSED COMPARTMENT WITH FULL SIZE LOCKABLE HINGED SERVICE ACCESS DOORS WITH BUBBLE TYPE GASKETS ALL AROUND. UNITS WITH COMPRESSORS EXPOSED TO THE ELEMENTS WILL NOT BE CONSIDERED EQUAL. PROVIDE COMPRESSOR SOUND BLANKETS.

9. PROVIDE STAINLESS-STEEL WATER-COOLED CONDENSERS WITH SEALIX COATED PLATES FOR BETTER CORROSION PROTECTION.

10. PROVIDE A DOUBLE SLOPED AND PITCHED 30# STAINLESS STEEL DRAIN PAN UNDER THE COOLING COIL. CONTRACTOR TO PROVIDE P-TRAP AND DRAIN CONNECTION ON BOTH SIDES OF DRAIN PAN.

11. PROVIDE A FILTER RACK TO ACCOMMODATE FACTORY PROVIDED 2" MERV8 PLEATED FILTERS.

12. PROVIDE BACKWARD INCLUDED, DIRECT DRIVE PLENUM TYPE FANS WITH ALUMINUM WHEELS. PROVIDE FACTORY MOUNTED VARIABLE FREQUENCY DRIVE AND NEMA PREMIUM EFFICIENCY MOTORS.

13. PROVIDE MOTOR WITH OVERLOAD AND THERMAL PROTECTION.

14. PROVIDE DISCONNECT SWITCH BY ELECTRICAL CONTRACTOR.

15. PROVIDE SINGLE POINT POWER CONNECTION.

16. PROVIDE WITH FACTORY MOUNTED HUMIDITY CONTROL SYSTEM: MODULATING HOT GAS RE-HEAT (MGHRH), VARIABLE CAPACITY SCROLL COMPRESSORS ON FIRST STAGE AND HOT GAS BYPASS ON LAG STAGES TO ACHIEVE INFINITE CAPACITY MODULATION FOR FULLY MODULATING TEMPERATURE AND HUMIDITY CONTROL.

17. PROVIDE INTERNAL VIBRATION ISOLATION FOR FAN CARRIAGE, COMPRESSOR AND CONDENSER FANS.

18. PROVIDE WITH FACTORY MOUNTED BLOWER PROVING SWITCH, DIRTY FILTER SWITCH AND DRAIN PAN OVERFLOW SWITCH.

19. PROVIDE WITH FACTORY MOUNTED FLOW SWITCH + MODULATING HEAD PRESSURE CONTROL VALVES ON UNIT CONDENSER WATER LOOP.

20. PROVIDE UNIT WITH FACTORY MOUNTED AND WIRED MAKE-UP AIR UNIT DDC CONTROLLER (SA TEMPERATURE CONTROL) TO INCLUDE PROGRAMMABLE 365 DAY SCHEDULER AND HOLIDAY SCHEDULING STORED IN A NON-VOLATILE EPROM MEMORY.

21. UNIT CONTROLLER MUST HAVE LOGIC FOR COOLING, HEATING AND DEHUMIDIFICATION CYCLES.

22. UNIT CONTROLLER SHALL HAVE BACNET MS/TP COMMUNICATIONS CAPABILITY

23. UNIT CONTROLLER SHALL INCREASE SUPPLY FAN SPEED TO COMPENSATE FOR A DECREASE OF AIRFLOW AS FILTERS GET CLOGGED. UNIT TOTAL STATIC PRESSURE SHALL INCLUDE MINIMUM 0.35 IN.W.G. ALLOWANCE FOR DIRTY FILTERS. MANUFACTURER TO PROVIDE DUCT STATIC PRESSURE SENSOR.

24. UNIT CONTROLLER SHALL PROVIDE DEHUMIDIFICATION CONTROL THAT STAGES THE COMPRESSORS BASED ON OUTSIDE AIR ENTHALPY AND SUPPLIES DISCHARGE AIR BASED ON SUPPLY AIR TEMPERATURE (ADJUSTABLE MODULATING HOT GAS REHEAT).

25. PROVIDE DUCT MOUNTED PRESSURE SENSOR TO BE TIED IN WITH UNITS CONTROLS. THE BAS SYSTEM SHALL BE CAPABLE TO SENSE AND AUTOMATICALLY OPEN ALL VAV BOXES 100% IF UNIT'S VFD IS IN BY-PASS MODE .

26. THE FOLLOWING SENSORS MUST BE PROVIDED WITH THE UNIT:

a. OUTSIDE AIR TEMPERATURE/HUMIDITY - FACTORY INSTALLED.

b. SUPPLY AIR TEMPERATURE - FIELD INSTALLED IN S/A DUCT

c. DIRTY FILTER - FACTORY INSTALLED

d. DISCHARGE REFRIGERANT PRESSURE (EACH CKT.) - FACTORY INSTALLED.

e. SPACE REFRIGERANT PRESSURE (EACH CKT.) - FACTORY INSTALLED.

f. SPACE TEMPERATURE/HUMIDITY - FIELD INSTALLED AS INDICATED ON PLANS.

g. PROVIDE DUCT MOUNTED STATIC PRESSURE SENSOR FOR FILTER LOADING CONTROL

27. PROVIDE FACTORY START-UP.

28. CONTRACTOR TO PROVIDE; Y-STRAINER WITH BLOW DOWN VALVE AND HOSE CONNECTOR, ISOLATION BALL VALVE AT SUPPLY, AUTOMATIC SHUTOFF VALVE AT RETURN, CIRCUIT SETTER AT RETURN, REDUCER AND PRESSURE/TEMPERATURE PORTS AT SUPPLY AND RETURN.

29. CONTRACTOR TO PROVIDE DUCT MOUNTED SUPPLY AIR SMOKE DETECTOR. UNIT SHALL BE PROVIDED WITH REMOTE SAFETY SHUTDOWN TERMINALS TO CONNECT 3RD PARTY SMOKE DETECTOR

30. CONTRACTOR TO PROVIDE 2-POSITION OUTSIDE AIR (MOTORIZED) DAMPER WITH A FACTORY MOUNTED AND WIRED ACTUATOR. DAMPER SHALL AUTOMATICALLY CLOSE WHEN THE UNIT IS TURNED OFF. REFER TO DAMPER SCHEDULE.

31. UNIT SHALL BE MOUNTED ON A MINIMUM 4inch HOUSEKEEPING PAD. CONTRACTOR TO PROVIDE SPRING MOUNTS WITH MINIMUM 2inch DEFLECTION UNDER UNIT FOLLOWING MANUFACTURER INSTALLATION INSTRUCTIONS.


32. CONTRACTOR TO PROVIDE SERVICE CLEARANCES PER MANUFACTURER'S RECOMMENDATIONS.

33. CONTRACTOR SHALL BE TRAINED AT NO EXTRA CHARGE BY FACTORY AUTHORIZED INSTRUCTOR TO PROVIDE REMOTE TROUBLESHOOTING AND MONITORING SERVICE WHEN REQUIRED FOR A PERIOD OF NOT LESS THAN 1 YEAR.

34. LOCAL MANUFACTURER'S REP MUST HAVE IN HOUSE TECHNICAL SUPPORT WITH REMOTE MONITORING AND TROUBLESHOOTING CAPABILITIES TO REMOTELY ASSIST CONTRACTOR IF REQUIRED.

35. REFER TO MECHANICAL CONTROL DRAWINGS FOR REQUIRED CONTROL DEVICES AND SEQUENCE OF OPERATION. COORDINATE WITH CONTROL CONTRACTOR PRIOR TO ORDERING.

		HEATING MODE DATA		CONDENSER WATER			CONFIG
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EAST BUILDING - PUMP SCHEDULE																							
SELECTION DATA						PUMP DATA						MOTOR DATA						GEN. DATA					
UNIT TAG	# OF UNITS	MANUF. & MODEL	TYPE	SERVICE	LOCATION	WATER FLOW (GPM)	TDH (FT. WG.)	NPSHR (FT. WG.)	MIN. EFF. (%)	PEI RATING PUMP & MOTOR	SUCTION/ DISCHARGE (IN)	IMPELLER (IN)	TYPE	BHP/HP	NOL HP	RPM	VOLTAGE	CONTROL	VIBRATION ISOLATION	MIN. STAT. DEFLECT.	OPERATING WEIGHT(LB)	DIMENSION LxWxH(IN)	NOTES
CWP-E1 & E2	2	TACO/ KS-4011D 4x4x11	VERTICAL IN-LINE SPLIT-COUPLED	CONDENSER WATER/ BUILDING-CLOSED LOOP	PUMP ROOM	375	100	10.0	77	0.91	4" / 4"	10.1	TEFC	12.2/20	17.91	1760	460/3/60	VFD/ BAS	*	*	715	27.0x16.3x43.0	1-16,18
CWP-E3 (STAND-BY)	1	TACO/ KS-4011D 4x4x11	VERTICAL IN-LINE SPLIT-COUPLED	CONDENSER WATER/ BUILDING-CLOSED LOOP	PUMP ROOM	375	100	10.0	77	0.91	4" / 4"	10.1	TEFC	12.2/20	17.91	1760	460/3/60	VFD/ BAS	*	*	715	27.0x16.3x43.0	1-16,18
CWP-E4 & E5	2	TACO/ KS-4009D 4x4x9	VERTICAL IN-LINE SPLIT-COUPLED	CONDENSER WATER/ OPEN LOOP-COOLING TOWER	PUMP ROOM	375	60	7.0	82	0.90	4" / 4"	8.15	TEFC	6.91/10	8.67	1760	460/3/60	CT./ BAS	*	*	490	25.0x15.7x37.2	1-5,7-18
CWP-E6 (STAND-BY)	1	TACO/ KS-4009D 4x4x9	VERTICAL IN-LINE SPLIT-COUPLED	CONDENSER WATER/ OPEN LOOP-COOLING TOWER	PUMP ROOM	375	60	7.0	82	0.90	4" / 4"	8.15	TEFC	6.91/10	8.67	1760	460/3/60	CT./ BAS	*	*	490	25.0x15.7x37.2	1-5,7-18
NOTES																							
<div>1. PUMP &amp; MOTOR PEI VALUE MUST MEET OR EXCEED DEPARTMENT OF ENERGY 2020 EFFICIENCY REGULATIONS.</div> <div>2. PROVIDE BRONZE IMPELLER HYDRAULICALLY AND DYNAMICALLY BALANCED.</div> <div>3. TRIM PUMP IMPELLERS AS REQUIRED TO PROVIDE SCHEDULED FLOW RATE, REQUIRED HEAD, NPSH, AND MINIMUM PUMP EFFICIENCY. IMPELLER SHALL NOT EXCEED RECOMMENDED PERCENTAGE OF MAXIMUM DIAMETER.</div> <div>4. PROVIDE PREMIUM EFFICIENCY NON-OVERLOADING MOTOR. MOTOR SHALL NOT OVERLOAD OVER THE ENTIRE IMPELLER CURVE.</div> <div>5. ALL MOTORS DRIVEN BY A VARIABLE FREQUENCY DRIVE (VFD) SHALL INCLUDE A MAINTENANCE FREE, CIRCUMFERENTIAL, CONDUCTIVE MICRO-FIBER SHAFT GROUNDING RING EQUAL TO AEGIS SGR TO DISCHARGE SHAFT CURRENTS TO THE GROUND.</div> <div>6. PROVIDE VFD FOR PUMP MOTOR WITH DISCONNECT AND BYPASS. REFER TO VFD SCHEDULE FOR MORE INFORMATION.</div> <div>7. PROVIDE DISCONNECT SWITCH BY ELECTRICAL CONTRACTOR.</div> <div>8. PROVIDE 3-PHASE PROTECTION FOR EACH LEG.</div> <div>9. PROVIDE OSHA SAFETY GUARDS AS REQUIRED.</div>												<div>10. PUMPS MUST UTILIZE SPLIT COUPLING DESIGN. CLOSED COUPLED NOT ACCEPTABLE.</div> <div>11. USE DOUBLE ARCH FLEXIBLE PIPE CONNECTORS WITH CONTROL RODS ON PUMP SUCTION AND DISCHARGE TO PREVENT BLADE PASSAGE FREQUENCY.</div> <div>12. PROVIDE WITH SPECIFIED SUCTION AND DISCHARGE FLANGES. SMALLER SIZES NOT ACCEPTABLE</div> <div>13. PROVIDE WITH TACO MULTI-PURPOSE VALVE AND SUCTION DIFFUSER. VICTAULIC NOT ACCEPTABLE ALTERNATE ON PUMP VALVES</div> <div>14. PROVIDE FLOW SENSOR CONTROLLED BY BAS</div> <div>15. PROVIDE BAS (BACNET) CONTROL INTERFACE MODULE.</div> <div>16. PROVIDE ALTERNATING DUTY FOR THE PUMPS MONITORED AND PROGRAMMED BY BAS.</div> <div>17. CONTRACTOR SHALL VERIFY PUMP NPSH REQUIREMENTS BASED ON ACTUAL FIELD CONDITIONS AND PIPING CONFIGURATION PRIOR TO PURCHASING AND INSTALLATION TO INSURE THAT CAVITATION WILL NOT OCCUR.</div> <div>18. CONSULT WITH FACTORY REPRESENTATIVE TO CONFIRM PIPING AND LAYOUT PRIOR TO CONSTRUCTION DIVERSIFIED FLUID CONTROLS, INC. 954-492-1166</div>											
												<div>BASIS OF DESIGN IS "TACO"; ACCEPTABLE ALTERNATE MANUFACTURERS ARE: "ARMSTRONG, B&amp;G, AURORA, GRUNDFOS;" ANY ALTERNATES MUST BE APPROVED PRIOR TO BID DAY AND MEET ALL DESIGN SPECIFICATIONS.</div>											
												<div>COORDINATION NOTE:</div> <div>MECHANICAL CONTRACTOR SHALL COORDINATE ALL ELECTRICAL REQUIREMENTS AND ACCESSORIES WITH ELECTRICAL CONTRACTOR PRIOR TO PURCHASING AND INSTALLATION AND SHALL BRING ANY DISCREPANCIES TO THE ATTENTION OF ENGINEER PRIOR TO BID.</div>											

EAST BUILDING - COOLING TOWER SCHEDULE																																																																																																																
SELECTION DATA						TOTAL CAPACITY DATA PER MODULE				FAN DATA		MOTOR DATA PER MODULE				PIPING CONNECTION DATA PER CELL						GEN. DATA																																																																																										
TAG	MANUF. & MODEL	LOCATION	SERVED	TYPE	# OF CELL	WATER FLOW (GPM)	EWTL\WT ('F/'F)	EAT WB ('F)	TOWER PUMP HEAD (FT.WG.)	TOWER HEAT REJECTED (MBH)	RESERVE CAPACITY (%)	CFM (MODULE)	DRIVE	HP/ FLA	RPM	EFF	VOLT/PH/HZ	MCA/MOCP	ENCLOSURE	CW (IN) OUTLET	MAKE-UP (IN) INLET	OVERFLOW (IN)	DRAIN (IN)	EQUALIZER (IN)	EFFICIENCY (GPM/HP)	EVAPORATED LOSS (% OF CIRCULATING FLOW)	DRIFT LOSS (% OF CIRCULATING FLOW)	VIBRATION ISOLATION	OPERATING WEIGHT (LB)	DIMENSIONS LxWxH (FT)																																																																																		
CT-E1A	BAC/PT2-0709A-3H2	LEVEL 5	EAST BUILDING	INDUCED DRAFT COUNTERFLOW	2	375	95.0/85.0	80.0	16.54	3,936.61	5	32,340	BELT	5.0	*	*	460/3/60	*	TEAO	6"□	6"□	1"□	3"□	2"□	*	*	*	*	*	13.560	18'0.5"x7'3.25"x14'5"																																																																																	
CT-E1B						375	95.0/85.0	80.0	16.54			32,340	BELT	5.0	*	*	460/3/60	*	TEAO	6"□	6"□	1"□	3"□	2"□	*	*	*	*	*																																																																																			
<div>NOTES</div> <div><div><div>1. THERMAL PERFORMANCE SHALL BE C.T.I. CERTIFIED. AND 2020 FLORIDA ENERGY CONSERVATION CODE (FEC), TABLE 503.2.3. COMPLIANT.</div><div>2. COOLING TOWER SHALL BE FIRE RATED (FM LISTED) OR FIRE PROTECTED PER NFPA 214.</div><div>3. COOLING TOWER SHALL BE COMPLIANT WITH OSHA SAFETY STANDARDS</div><div>4. COOLING TOWER STRUCTURE AND ANCHORAGE SELECTED TO MEET THE LOCAL CODE WIND LOADS REQUIREMENTS.</div><div>5. COOLING TOWER SHALL BE ALL SS CONSTRUCTION:<div><div>• 304 STAINLESS STEEL CASING.</div><div>• 304 STAINLESS STEEL STRUCTURAL.</div><div>• 304 STAINLESS STEEL COLLECTION BASIN.</div><div>• 304 STAINLESS STEEL DISTRIBUTION BASIN.</div><div>• HDG STEEL FAN GUARD.</div><div>• PVC FILM FILL WITH INTEGRAL LOUVERS AND DRIFT ELIMINATORS.</div></div></div><div>6. PROVIDE (5) YEAR WARRANTY FOR ENTIRE COOLING TOWER.</div></div><div><div>7. PROVIDE WITH WHISPER QUIET FAN.</div><div>8. PROVIDE WITH WATER MAKE-UP FLOAT VALVE.</div><div>9. PROVIDE WITH MECHANICAL VIBRATION CUT-OUT SWITCH.</div><div>10. PROVIDE WITH ACCESS DOOR PLATFORM AND LADDER PACKAGES.</div><div>11. PROVIDE WITH FACTORY INSTALLED BASIN SWEEPER PIPING.</div><div>12. PROVIDE EXTERNAL EQUALIZING LINE WITH BUTTERFLY VALVE.</div><div>13. PROVIDE WITH HIGH EFFICIENCY FAN MOTOR (TEAO) COMPATIBLE FOR USE WITH VFD.</div><div>14. PROVIDE VARIABLE FREQUENCY DRIVE (VFD) WITH DISCONNECT/STARTER AND BYPASS FOR EACH MOTOR. REFER TO VFD SCHEDULE.</div><div>15. PROVIDE ALL ASSOCIATED ELECTRICAL AND CONTROLS ITEMS. COORDINATE WITH ELECTRICAL CONTRACTOR PRIOR TO PURCHASING AND INSTALLATION.</div><div>16. PROVIDE CONTROL WIRING, CONDUITS, SENSORS, ETC. FOR CONTROL BY BMS SYSTEM.</div><div>17. PROVIDE ISOLATION VALVES AND FLOW BALANCING VALVES FOR EACH CELL.</div></div><div><div>18. PROVIDE SS FASTENERS.</div><div>19. PROVIDE EPOXY COATING ON ALL EXPOSED PIPING AND SUPPORTS</div><div>20. PROVIDE BAS INTERFACE MODULE (BACNET COMPATIBLE), WEB ENABLED</div><div>21. COORDINATE CT SUPPORT FRAME AND ATTACHMENT WITH STRUCTURAL ENGINEER.</div><div>22. INSTALL CT AT MINIMUM 48" ABOVE FINISH ROOF (AFR).</div><div>23. CT SHALL BE TIED INTO THE EMERGENCY/ STANDBY GENERATOR. COORDINATE W/ ELECTRICAL</div></div></div> <div><div>GENERAL NOTES:</div><div><div>1. MOTOR STARTERS, FUSED DISCONNECTS AND ALL EQUIPMENT POWER WIRING BY ELEC. CONTRACTOR; COORDINATE PRIOR TO ANY WORK AND PURCHASING.</div><div>2. ALL MOTORS DRIVEN BY A VARIABLE FREQUENCY DRIVE SHALL INCLUDE A MAINTENANCE FREE, CIRCUMFERENTIAL CONDUCTIVE MICRO-FIBER SHAFT GROUNDING RING EQUAL TO AEGIS SGR TO DISCHARGE SHALT CURRENTS TO THE GROUND.</div></div></div> <div><div>BASIS OF DESIGN IS "BAC"; ACCEPTABLE ALTERNATE MANUFACTURERS ARE: "MARLEY, EVAPCO" ANY ALTERNATES MUST BE APPROVED PRIOR TO BID DAY AND MEET ALL DESIGN SPECIFICATIONS.</div><div><div>SOUND DATA</div><table><tr><th rowspan="2">OCTAVE BAND CENTER FREQUENCY (Hz)</th><th colspan="4">SOUND PRESSURE (dB)</th><th rowspan="2">SOUND POWER (dB)</th></tr><tr><th>AIR INLET @ 5 FT</th><th>MOTOR SIDE @ 5 FT</th><th>TOP @ 5 FT</th><th>5 FT</th></tr><tr><td>63</td><td>85</td><td>80</td><td>84</td><td>77</td><td>84</td><td>76</td><td>110</td></tr><tr><td>125</td><td>86</td><td>77</td><td>86</td><td>78</td><td>87</td><td>78</td><td>110</td></tr><tr><td>250</td><td>83</td><td>74</td><td>84</td><td>74</td><td>86</td><td>77</td><td>107</td></tr><tr><td>500</td><td>79</td><td>68</td><td>78</td><td>68</td><td>82</td><td>72</td><td>101</td></tr><tr><td>1000</td><td>74</td><td>64</td><td>74</td><td>63</td><td>76</td><td>64</td><td>95</td></tr><tr><td>2000</td><td>70</td><td>60</td><td>72</td><td>59</td><td>73</td><td>60</td><td>91</td></tr><tr><td>4000</td><td>71</td><td>58</td><td>71</td><td>58</td><td>70</td><td>58</td><td>90</td></tr><tr><td>8000</td><td>71</td><td>57</td><td>72</td><td>57</td><td>67</td><td>55</td><td>89</td></tr><tr><td>A-WEIGHTED SOUND POWER LEVEL (dBA)</td><td>81</td><td>71</td><td>82</td><td>71</td><td>84</td><td>73</td><td>-</td></tr></table></div></div>																															OCTAVE BAND CENTER FREQUENCY (Hz)	SOUND PRESSURE (dB)				SOUND POWER (dB)	AIR INLET @ 5 FT	MOTOR SIDE @ 5 FT	TOP @ 5 FT	5 FT	63	85	80	84	77	84	76	110	125	86	77	86	78	87	78	110	250	83	74	84	74	86	77	107	500	79	68	78	68	82	72	101	1000	74	64	74	63	76	64	95	2000	70	60	72	59	73	60	91	4000	71	58	71	58	70	58	90	8000	71	57	72	57	67	55	89	A-WEIGHTED SOUND POWER LEVEL (dBA)	81	71	82	71	84	73	-
OCTAVE BAND CENTER FREQUENCY (Hz)	SOUND PRESSURE (dB)				SOUND POWER (dB)																																																																																																											
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2000	70	60	72	59	73	60	91																																																																																																									
4000	71	58	71	58	70	58	90																																																																																																									
8000	71	57	72	57	67	55	89																																																																																																									
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EAST BUILDING - AIR SEPARATOR SCHEDULE										
SELECTION DATA				GENERAL DATA						
UNIT TAG	MANUFACTUREE & MODEL (*)	LOCATION	SEVICE	WATER FLOW (GPM)	CONNECTIONS (IN)			PRESSURE DROP(FT.WG.)	DIMENSION ØxH (IN)	WEIGHT (LBS)
					INLET/OTLET	AIR OUTLET	DRAIN			
AS-E1	TACO/ AC08F-125	PUMP ROOM	CW BLDG.	750	8" / 8"	1-1/4"	*	1.16	20" x45.5"	345

NOTES

1. THE UNIT SHALL BE DESIGNED, CONSTRUCTED AND STAMPED FOR 125 PSIG @ 350 F IN ACCORDANCE WITH SECTION VIII, DIVISION I OF THE ASME BOILER AND PRESSURE VESSEL CODE.

2. PROVIDE STEEL SHEEL, STAINLESS STEEL SYSTEM STRAINER, REMOVABLE, WITH 3/16"Ø PERFORATION WITH 51% OPEN AREA, STAINLESS STEEL AIR COLLECTOR TUBE WITH 5/32"Ø PERFORATION AND 63% OPEN AREA AND STEEL BAFFLE/COLLECTOR TUBE SUPPORT ASSEMBLY.

3. PROVIDE WITH AUTOMATIC AIR VENT

4. PROVIDE 16" BASE RING.

5. PROVIDE WITH FACTORY INSTALLED BLOWDOWN VALVE.

BASIS OF DESIGN IS TACO; ACCEPTABLE ALTERNATE MANUFACTURERS ARE: "B&G, ARMSTRONG, GRUNDFOS" ANY ALTERNATES MUST BE APPROVED PRIOR TO BID DAY AND MEET ALL DESIGN SPECIFICATIONS

EAST BUILDING - FREQUENCY DRIVE SCHEDULE							
TAG	MANUF. & MODEL	UNIT	LOCATION	MOUNTING	VOLTAGE	MOTOR POWER (HP)	ENCLOSURE TYPE
VFD-E1	DANFOSS	CWP-E1/ CW CLOSED LOOP	PUMP RM	WALL/ INSIDE	460/3/60	20	NEMA 1
VFD-E2	DANFOSS	CWP-E2/ CW CLOSED LOOP	PUMP RM	WALL/ INSIDE	460/3/60	20	NEMA 1
VFD-E3	DANFOSS	CWP-E3/ CW CLOSED LOOP	PUMP RM	WALL/ INSIDE	460/3/60	20	NEMA 1
VFD-E4	DANFOSS	CT-E1A/ CW LOOP	PUMP RM	WALL/ INSIDE	460/3/60	5	NEMA 1
VFD-E5	DANFOSS	CT-E1A/ CW LOOP	PUMP RM	WALL/ INSIDE	460/3/60	5	NEMA 1

NOTES:

1. ALL VFD SHALL BE PROVIDED WITH BY-PASS, AND DISCONNECT SWITCH. SEE NOTES IN M000

EAST BUILDING - EXPANSION TANK SCHEDULE											
SELECTION DATA						GENERAL DATA					
UNIT TAG	MANUFACTUREE & MODEL (*)	LOCATION	SEVICE	TYPE	TANK VOLUME (GALLONS)	ACCEPTANCE (GALLONS)	CONNECTION (IN)		WEIGHT (LBS.)	DIMENSION ØxH (IN)	
							SYSTEM	DRAIN			
ET-E1	TACO/ CA***-125	PUMP ROOM/ ROOF	CW/ CLOSED LOOP	BLADDER	*	*	*	*	*	*	

NOTES

1. THIS UNIT SHALL BE DESIGNED, CONSTRUCTED, AND STAMPED FOR 125 PSIG @350F IN ACCORDANCE WITH SECTION VIII, DIVISION I OF ASME BOILER AND PRESSURE VESSEL CODE.

2. PROVIDE CARBON STEEL CONSTRUCTION WITH HEAVY DUTY BUTYL RUBBER DIAPHRAGM.

3. PROVIDE FACTORY PRE CHARGED WITH 10.3/2"-32 CHARGING VALVE CONNECTION TO FACILITATE THE ON SITE CHARGING OF THE TANK TO MEET SYSTEM REQUIREMENT.

BASIS OF DESIGN IS TACO; ACCEPTABLE ALTERNATE MANUFACTURERS ARE: "B&G, ARMSTRONG" ANY ALTERNATES MUST BE APPROVED PRIOR TO BID DAY AND MEET ALL DESIGN SPECIFICATIONS.

TOWER CLEAN SEPARATOR SYSTEM SCHEDULE										
SELECTION DATA								GENERAL DATA		
UNIT TAG	# OF UNITS	MANUF. & MODEL (*)	SEVICE	SEPARATOR MODEL	FLOW (GPM)	PUMP (HP)	VOLTAGE	INLET/OUTLET (IN)	DIMENSION (IN)	WEIGHT (LBS.)
TCS-E1	*	LAKOS/ *	COOLING TOWER	*	*	*	460/3/60	*	*	*

TO BE EDIT

NOTES:

1. PROVIDE WITH FACTORY MOUNTED PUMP.

2. PROVIDE WITH SOLIDS SEPARATOR.

3. PROVIDE WITH MOTORIZED BALL VALVES PROVIDE WITH NEMA 4X CONTROL PANEL.

4. PROVIDE BASKET STRAINER BY CONTRACTOR IF NOT FACTORY SUPPLIED.

CHEMICAL POT FEEDER SCHEDULE					
SELECTION DATA					
UNIT TAG	MANUF. & MODEL (*)	LOCATION	SEVICE	TYPE	TANK VOLUME (GALS.)
CPF-1	GRISWOLD WATER SYSTEMS	MECH. ROOM	CW CLOSED LOOP	BY-PASS	*
(*) = APPROVED EQUAL : ANDERSON CHEMICAL, AMPION, AQUA-CHEM					
<b><u>NOTES:</u></b>					
1. PROVIDE STEEL CONSTRUCTION WITH CORROSION RESISTANT EXTERIOR COATING.					
2. PROVIDE THREADED FILL CAP WITH GASKET SEAL AND DIAPHRAGM.					

EAST BUILDING- PLATE HEAT EXCHANGER SCHEDULE		
GENERAL	TAG	HX-E1 & HX-E2
	No. OF UNITS	2
	MANUFACT./ MODEL	MUELLER ACCU-THERM
	PLATE TYPE/ FRAME TYPE	40TM HV/V/ ICLF-80
	LOCATION	PUMP ROOM/ LEVEL 5
	SERVICE	CONDENSER WATER
	HOT SIDE	BUILDING (LOAD)
	COLD SIDE	COOLING TOWER
	# OF PLATES	136
	TOTAL HEAT TRANSFER AREA (SQ. FT.)	663.2
HOT SIDE	TOTAL HEAT EXCHANGED (BTU/H)	1,863,473
	DESIGN PRESSURE (PSI)	150
	MAX. WORKING TEMP. (°F)	230
	FLOW DIRECTION	*
	PIPE CONN. HOT SIDE (INLET/OUTLET)	4" / 4"
	PIPE CONN. COLD SIDE (INLET/OUTLET)	4" / 4"
	OPERATING WEIGHT (LBS)	2163
	DIMENSION (WxHxL) (IN)	20.1x65.5x39.1
	WATER FLOW (GPM)	375
	EWI/LWT (°F/°F)	97.0/87.0
COLD SIDE	WATER PRESSURE DROP (FT. WG.)	23.7
	WATER FLOW (GPM)	375
	WATER TEMP. EWT/LWT (°F/°F)	85.0/95.0
	WATER PRESSURE DROP (FT. WG.)	23.7
NOTES		
1. HEAT EXCHANGER SHALL BE FURNISHED WITH ASME CERTIFICATION CODE AND STAMP		
2. PROVIDE FOR MINIMUM 150# PSIG CLASS IN BOTH CIRCUITS.		
3. TYPE 304 SS PLATE CONSTRUCTION. MIN. 0.5MM WITH RUBBER LINED FLANGES		
4. PROVIDE NON-GLUED (PRES-TITE) NITRILE GASKET SYSTEM.		
5. ENTIRE HEAT EXCHANGER SHALL BE OF BOLTED CONSTRUCTION. PROVIDE CARBON STEEL BOLTS COATED WITH RUST PREVENTATIVE LUBRICANT AND PLASTIC SLEEVES. STAINLESS STEEL HARDWARE NOT ACCEPTABLE.		
6. PROVIDE FRAME FOR MIN. 15% EXPANSION IN CAPACITY.		
BASIS OF DESIGN IS TACO; ACCEPTABLE ALTERNATE MANUFACTURERS ARE: "TRANTER, ALFA-LAVAL, CALMAC, SONDEX" ANY ALTERNATES MUST BE APPROVED PRIOR TO BID DAY AND MEET ALL DESIGN SPECIFICATIONS.		



EAST BUILDING - DAMPER SCHEDULE

SELECTION DATA												POSITION		GENERAL DATA			
UNIT TAG	LOCATION/ EQUIPMENT	MANUF. & MODEL (*)	TYPE	SIZE	NORMAL	POWER FAIL	ALARM	LINK TEMP.	VOLTAGE	CONTROL/ MONITORING	NOTES						
LEVEL 1																	
FSD-E102	EXHAUST AIR RISER #1 EF-E**	GREENHECK/ FSD-311	COMBINATION FIRE SMOKE DAMPER	SEE PLAN	OPEN	CLOSED	CLOSED	250	120/1/60	FA/ BAS	1-9						
MEZZANINE LEVEL																	
FSD-EM02	EXHAUST AIR RISER #1 EF-E**	GREENHECK/ FSD-311	COMBINATION FIRE SMOKE DAMPER	SEE PLAN	OPEN	CLOSED	CLOSED	250	120/1/60	FA/ BAS	1-9						
LEVEL 2																	
FSD-E201	OUTSIDE AIR RISER #1 OAU-E01	GREENHECK/ FSDR-511	ROUND- COMBINATION FIRE SMOKE DAMPER	SEE PLAN	OPEN	CLOSED	CLOSED	250	120/1/60	FA/ BAS	1-9						
FSD-E202	EXHAUST AIR RISER #1 EF-E**	GREENHECK/ FSD-311	COMBINATION FIRE SMOKE DAMPER	SEE PLAN	OPEN	CLOSED	CLOSED	250	120/1/60	FA/ BAS	1-9						
LEVEL 3																	
FSD-E301	OUTSIDE AIR RISER #1 OAU-E01	GREENHECK/ FSDR-511	ROUND- COMBINATION FIRE SMOKE DAMPER	SEE PLAN	OPEN	CLOSED	CLOSED	250	120/1/60	FA/ BAS	1-9						
FSD-E302	EXHAUST AIR RISER #1 EF-E**	GREENHECK/ FSD-311	COMBINATION FIRE SMOKE DAMPER	SEE PLAN	OPEN	CLOSED	CLOSED	250	120/1/60	FA/ BAS	1-9						
LEVEL 4																	
FSD-E401	OUTSIDE AIR RISER #1 OAU-E01	GREENHECK/ FSDR-511	ROUND- COMBINATION FIRE SMOKE DAMPER	SEE PLAN	OPEN	CLOSED	CLOSED	250	120/1/60	FA/ BAS	1-9						
FSD-E402	EXHAUST AIR RISER #1 EF-E**	GREENHECK/ FSD-311	COMBINATION FIRE SMOKE DAMPER	SEE PLAN	OPEN	CLOSED	CLOSED	250	120/1/60	FA/ BAS	1-9						
*	*	GREENHECK/ *	*	*	*	*	*	*	*	*/ BAS							
LEVEL 5																	
FSD-E401	OUTSIDE AIR RISER #1 OAU-E01	GREENHECK/ FSD-311	COMBINATION FIRE SMOKE DAMPER	SEE PLAN	OPEN	CLOSED	CLOSED	250	120/1/60	FA/ BAS	1-9						
FSD-E402	EXHAUST AIR RISER #1 EF-E**	GREENHECK/ FSD-311	COMBINATION FIRE SMOKE DAMPER	SEE PLAN	OPEN	CLOSED	CLOSED	250	120/1/60	FA/ BAS	1-9						
MD-E503	OUTSIDE AIR INTAKE OAU-E01	GREENHECK/ ICD-44	THERMALLY BROKEN BLADE INSULATED/ MOTORIZED	58x58	OPEN	CLOSED	CLOSED	-	120/1/60	*/ BAS	1-7						
(*) = APPROVED EQUAL: RUSKIN, NAILOR, AIR BALANCE																	
<b>NOTES:</b>																	
1. DAMPER SHALL BE "AMCA" CERTIFIED (AIR LEAKAGE, AIR PERFORMANCE & ENERGY EFFICIENCY RATINGS).																	
2. DAMPERS SHALL BE LEAKAGE CLASS I.																	
3. PROVIDE ELECTRIC ACTUATOR AND CONTROL TRANSFORMER AS REQUIRED BY DAMPER MANUFACTURER, POWERED BY ELECTRICAL CONTRACTOR. MECHANICAL CONTRACTOR SHALL COORDINATE WITH ELECTRICAL AND FIRE ALARM CONTRACTOR PRIOR TO ORDERING.																	
4. PROVIDE OPEN/CLOSED 2-POSITION DAMPER																	
5. PROVIDE DAMPER POSITION VERIFICATION FOR BOTH OPEN AND CLOSED.																	
6. PROVIDE END SWITCH. COORDINATE WITH ELECTRICAL CONTRACTOR.																	
7. INTERLOCK WITH ASSOCIATE EQUIPMENT, PROVIDE EQUIPMENT TIME DELAY RELAY WHERE NECESSARY TO ALLOW FOR DAMPER OPERATION. REFER TO FAN SCHEDULE FOR DETAILS.																	
8. TIE TO THE FIRE ALARM SYSTEM (FAS)																	
9. DAMPER WILL BE OPEN UPON ACTIVATION OF THE AREA SMOKE DETECTION. REFER TO FA DRAWINGS.																	

EAST BUILDING - LOUVER SCHEDULE

SELECTION DATA										GENERAL DATA			
TAG	SERVICE AREA	LOCATION	DUTY	MANUF. & MODEL	VOLUME (CFM)	MIN. FREE AREA (SQ.FT.)	VELOCITY (FPM)	PD ("W.G.)		MIN. SIZE (VxH) (IN)	WEIGHT (LBS)	FRAME TYPE	NOTES
RL-E201	NORTH RR'S EXHAUST	2ND FLOOR	RELIEF	GREENHECK/ EVH-660D	150	0.28	535	0.06		18.0x12.0	16	FLANGE	AS NOTED
RL-E202	SOUTH RR'S EXHAUST	2ND FLOOR	RELIEF	GREENHECK/ EVH-660D	150	0.28	535	0.06		18.0x12.0	16	FLANGE	AS NOTED
RL-E203	MAIN RR'S EXHAUST	2ND FLOOR	RELIEF	GREENHECK/ EVH-660D	400	0.59	606	0.07		18.0x18.0	24	FLANGE	AS NOTED
IL-E501	OUTSIDE AIR INTAKE OAU-E1	5TH FLOOR	INTAKE	GREENHECK/ EVH-660D	4,700	10.26	455	0.04		58.0x58.0	259	FLANGE	AS NOTED
(*) EQUIVALENT MANUFACTURER: RUSKIN													
<b>NOTES:</b>													
1. LOUVER SHALL BE "AMCA" CERTIFIED (SOUND, AIR PERFORMANCE & WATER PENETRATION).													
2. LOUVER SHALL BE FLORIDA PRODUCT APPROVAL # FL16785.1 & MIAMI-DADE NOA #17-0807.20													
3. PROVIDE WITH BIRD SCREEN.													
4. PROVIDE MINIMUM ONE YEAR WARRANTY.													
5. PROVIDE LOUVER WITH CORROSION PROTECTION COATED BY MANUFACTURER WITH 10 YEARS FINISH WARRANTY; 4,000 HOUR SALT SPRAY RESISTANCE TEST PER ASTM B117, 2000 HR AGGRESSIVE SALT SPRAY RESISTANCE TEST PER ASTM G85 AND 4,000 HR HUMIDITY RESISTANCE. FINAL COLOR SHALL SELECTED BY ARCHITECT.													

EAST BUILDING - GRAVITY VENTILATOR SCHEDULE

SELECTION DATA				GENERAL DATA								
TAG	SERVICE AREA	MANUF./ MODEL	CONFIG.	VOLUME (CFM)	SP (IN WG)	THROAT AREA (SQ.FT.)	WEIGHT (LBS)	THROAT DIM. LxW (IN)	CURB DIM. LxW (IN)	HOOD DIM. LxW (IN)		
GR-E1	*	GREENHECK/ FGR-*	*	*	*	*	*	*	*	*		
(*) APPROVED EQUAL MANUFACTURER: COOK												
<b>NOTES:</b>												
1. PROVIDE BIRD SCREEN.												
2. PROVIDE UNIT AND ATTACHED DUCT COATED WITH "FIBRO POLYESTER" OR EQUAL.												
3. PROVIDE ROOF CURB CURB.												
4. PROVIDE TIE DOWN POINTS, SEE DETAIL 4.												
5. HIGH WIND RATED (+/- 130 PSF RAIN).												
6. FLORIDA PRODUCT APPROVAL #FL12917.1 & MIAMI-DADE NOA#19-0808.02												

EAST BUILDING - VAV BOX UNIT SCHEDULE

SELECTION DATA				PRIMARY AIR DATA				HEATER DATA				GEN. DATA		
UNIT TAG	MANUF. & MODEL	TYPE	INLET DIA.	COOLING MIN. CFM	HEATING MIN. CFM	NOMINAL MAX. CFM	AIR PRESS. DROP ("WG)	ESP("WG)	KW	STEPS	VOLTAGE	LxWxH(")	WEIGHT(LB)	NOTES
AC-2/ GROUND LEVEL														
VAV-E101	TRANE/ VCEF	SGL DUCT	10	165	349	1,400	0.04	0.4	5.0	SCR	460/1/60	42.5x21.5x13.5	81.0	1-9
VAV-E102	TRANE/ VCEF	SGL DUCT	10	165	349	1,400	0.04	0.4	5.0	SCR	460/1/60	42.5x21.5x13.5	81.0	1-9
VAV-E103	TRANE/ VCEF	SGL DUCT	10	165	349	1,400	0.04	0.4	5.0	SCR	460/1/60	42.5x21.5x13.5	81.0	1-9
VAV-E104	TRANE/ VCEF	SGL DUCT	10	165	349	1,400	0.04	0.4	5.0	SCR	460/1/60	42.5x21.5x13.5	81.0	1-9
VAV-E105	TRANE/ VCEF	SGL DUCT	8	105	280	900	0.14	0.4	4.0	SCR	277/1/60	42.5x18.5x11.5	67.0	1-9
VAV-E106	TRANE/ VCCF	SGL DUCT	8	-	-	900	0.14	0.4	-	-	277/1/60	12.5x11.0x11.5	22	1-7,9
AC-2/ MEZZANINE														
VAV-EM01	TRANE/ VCEF	SGL DUCT	12	240	490	2,000	0.06	0.4	7.0	SCR	460/1/60	42.5x24.5x15.5	93	1-9
VAV-EM02	TRANE/ VCEF	SGL DUCT	12	240	490	2,000	0.06	0.4	7.0	SCR	460/1/60	42.5x24.5x15.5	93	1-9
VAV-EM03	TRANE/ VCEF	SGL DUCT	8	105	280	900	0.14	0.4	4.0	SCR	277/1/60	42.5x18.5x11.5	67.0	1-9
VAV-EM04	TRANE/ VCCF	SGL DUCT	8	-	-	900	0.14	0.4	-	-	277/1/60	12.5x11.0x11.5	22	1-7,9
AC-2/ LEVEL 2														
VAV-E200	TRANE/ VCEF	SGL DUCT	12	-	-	2,000	0.06	0.4	-	-	277/1/60	13.0x18.1x15.5	38.0	1-9
VAV-E201	TRANE/ VCEF	SGL DUCT	10	165	349	1,400	0.04	0.4	5.0	SCR	460/1/60	42.5x21.5x13.5	81.0	1-9
VAV-E202	TRANE/ VCEF	SGL DUCT	12	240	490	2,000	0.06	0.4	7.0	SCR	460/1/60	42.5x24.5x15.5	93	1-9
VAV-E203	TRANE/ VCEF	SGL DUCT	6	60	140	500	0.33	0.4	2.0	SCR	277/1/60	42.5x18.5x11.5	67.0	1-9
VAV-E204	TRANE/ VCCF	SGL DUCT	8	-	-	900	0.14	0.4	-	-	277/1/60	12.5x11.0x11.5	22	1-7,9
VAV-E205	TRANE/ VCCF	SGL DUCT	6	60	-	500	*	0.4	-	-	277/1/60	*	*	1-7,9
AC-3/ LEVEL 3														
VAV-300	TRANE/ VCEF	SGL DUCT	10	-	-	1,400	0.06	0.4	-	-	277/1/60	12.0x21.5x15.5	30.0	1-9
VAV-301	TRANE/ VCEF	SGL DUCT	12	240	490	2,000	0.06	0.4	7.0	SCR	460/1/60	42.5x24.5x15.5	93	1-9
VAV-302	TRANE/ VCEF	SGL DUCT	12	240	490	2,000	0.06	0.4	7.0	SCR	460/1/60	42.5x24.5x15.5	93	1-9
VAV-303	TRANE/ VCEF	SGL DUCT	12	240	490	2,000	0.06	0.4	7.0	SCR	460/1/60	42.5x24.5x15.5	93	1-9
VAV-304	TRANE/ VCCF	SGL DUCT	8	-	-	900	0.14	0.4	-	-	277/1/60	12.5x11.0x11.5	22	1-7,9
VAV-305	TRANE/ VCCF	SGL DUCT	8	-	-	900	0.14	0.4	-	-	277/1/60	12.5x11.0x11.5	22	1-7,9
VAV-306	TRANE/ VCEF	SGL DUCT	6	60	140	500	0.33	0.4	2.0	SCR	277/1/60	42.5x18.5x11.5	67	1-9
AC-4/ LEVEL 4														
VAV-E400	TRANE/ VCCF	SGL DUCT	10	-	-	1,400	0.06	0.4	-	-	277/1/60	12.0x21.5x15.5	30.0	1-7,9
VAV-E401	TRANE/ VCEF	SGL DUCT	12	240	490	2,000	0.06	0.4	7.0	SCR	460/1/60	42.5x24.5x15.5	93	1-9
VAV-E402	TRANE/ VCEF	SGL DUCT	12	240	490	2,000	0.06	0.4	7.0	SCR	460/1/60	42.5x24.5x15.5	93	1-9
VAV-E403	TRANE/ VCEF	SGL DUCT	12	240	490	2,000	0.06	0.4	7.0	SCR	460/1/60	42.5x24.5x15.5	93	1-9
VAV-E404	TRANE/ VCCF	SGL DUCT	8	-	-	900	0.14	0.4	-	-	277/1/60	12.5x11.0x11.5	22	1-7,9
VAV-E405	TRANE/ VCCF	SGL DUCT	8	-	-	900	0.14	0.4	-	-	277/1/60	12.5x11.0x11.5	22	1-7,9
VAV-E406	TRANE/ VCEF	SGL DUCT	6	60	140	500	0.33	0.4	2.0	SCR	277/1/60	42.5x18.5x11.5	67	1-9
LEVEL 5														
VAV-E400	TRANE/ VCCF	SGL DUCT	6	-	-	500	0.33	0.4	-	-	277/1/60	11.5x11.5x9.5	21.0	1-9
(*) EQUIVALENT MANUFACTURER: TITUS, METALAIR														
<div>NOTES</div> <div><div>1. ALL VAV BOXES SHALL BE AHRI CERTIFIED AND UL LISTED.</div><div>2. PROVIDE WITH FACTORY MOUNTED AND WIRED DDC CONTROLLER, PROVIDE ROOM THERMOSTAT/SENSOR WITH OVERRIDE CAPABILITY.</div><div>3. POWER BY ELECTRICAL CONTRACTOR. CONTROL WIRING BY MANUFACTURER. CONTROL POWER TRANSFORMER (208 TO 24 VOLTS) BY VAV MANUFACTURER.</div><div>4. PROVIDE WITH SINGLE POINT OF CONNECTION.</div><div>5. PROVIDE WITH FACTORY MOUNTED DISCONNECT SWITCH, DOOR INTERLOCK TYPE.</div><div>6. PROVIDE BOXES WITH FOIL FACE INSULATION.</div><div>7. PROVIDE HANGER BRACKETS.</div><div>8. FOR BOXES WITH ELECTRIC HEATER, BOX SHALL BE FUSED BY MANUFACTURER IF REQUIRED. IBCA (EMPS) IS BELOW THE MIN. AVAILABLE SIZE OF COMMERCIAL BREAKER. CONTRACTOR SHALL COORDINATE PRIOR TO PURCHASING.</div><div>9. BOX ACTUATORS SHALL BE SPRING-RETURN TYPE TO ALLOW BOXES TO FAIL FULLY OPEN WHEN VFD IS IN BYPASS MODE (VFD FAILURE)</div></div> <div>1-4 KW= 277/1 5-7 = 460/1 8 &amp; 10P= 460/3</div>														



SUPPLY AIR GRILLE SCHEDULE												
T	MANUF. & MODEL	MODULE SIZE	"A" DIMENSION	NECK SIZE	MATERIAL	FRAME	FINISH	DAMPER	THROW	NC	CFM RANGE	NOTES
A	TITUS/ TDCA-AA	24X24	18X18	SEE SCH.	ALUM.	LAY-IN	OFF WHITE	NOTE #1	4-WAY	MAX. 25	SEE SCH.	1-6
B	TITUS/ TDCA-AA	12x12	9x9	SEE SCH.	ALUM.	BORDER TYPE 1	OFF WHITE	NOTE #1	4-WAY	MAX. 25	SEE SCH.	1-6
C	TITUS/ 300FL	-	-	SEE PLAN	ALUM.	SIDE WALL	OFF WHITE	OBD	-	MAX. 25	SEE PLAN	4,6
D	TITUS/ R-300F	-	-	12"□	ALUM.	SIDE WALL	OFF WHITE	OBD	-	MAX. 25	SEE PLAN	4,6
E	TITUS/ PAS-AA	24X24	-	SEE SCH.	ALUM.	LAY-IN	OFF WHITE	NOTE #1	4-WAY	MAX. 25	SEE SCH.	1-6
(*) EQUIVALENT MANUFACTURER: METALAIR, CARLISLE, TCB, NAILOR												
NOTES:										ROUND NECK/FLEX SCHEDULE		
1. PROVIDE SINK IN COLLAR WITH VOLUME BUTTERFLY DAMPERS W/ 2" HANDLE STANDOFF AT TRUNK TO FLEX DUCT CONNECTION. PROVIDE NOTE CABLE OPERATED VOLUME DAMPERS "YOUNG REGULATOR" OR EQUAL FOR ALL FLEX TAKE-OFF LOCATED IN INACCESSIBLE AND HARD CEILING AREAS.										6. " "	50-125 CFM	
2. PROVIDE TYPICAL 4-WAY DIFFUSION, 2-WAY OR 3-WAY ONLY WHERE INDICATED ON PLANS.										8. " "	130-200 CFM	
3. REFER TO ARCHITECT PLANS FOR CEILING TYPE.										10. " "	205-325 CFM	
4. FINAL COLOR SELECTION SUBJECT TO ARCHITECT APPROVAL.										12. " "	330-450 CFM	
5. FLEX DUCT SIZE TO BE SAME AS DIFFUSER NECK SIZE.										14. " "	455-600 CFM	
6. PROVIDE INSULATION ON THE BACK OF DIFFUSER IF IN UNCONDITIONED SPACE.										16. " "	605-800 CFM	

RETURN AIR GRILLE SCHEDULE										
TAG	MANUF. & MODEL	FACE SIZE	NECK SIZE	MATERIAL	FRAME	FINISH	DAMPER	NC	CFM RANGE	NOTES
AA	TITUS/ 350FL	24X24	SEE SCH.	ALUM.	LAY-IN	OFF WHITE	NOTE #4	MAX. 25	SEE SCH.	1-4
BB	TITUS/ 350FL	12X12	SEE SCH.	ALUM.	BORDER TYPE 1	OFF WHITE	NOTE #4	MAX. 25	SEE SCH.	1-4
CC	TITUS/ 350FL	-	SEE PLAN	ALUM.	SIDE WALL	OFF WHITE	OBD	MAX. 25	SEE PLAN	1-4
EE	TITUS/ PAR-AA	24X24	SEE SCH.	ALUM.	LAY-IN	OFF WHITE	NOTE #4	MAX. 25	SEE SCH.	1-4
TT	TITUS/ 350FL	SEE PLAN	SEE PLAN	ALUM.	SEE PLAN	OFF WHITE	-	MAX. 25	SEE PLAN	1-4
(*) EQUIVALENT MANUFACTURER: METALAIR, CARLISLE, TCB & NAILOR										
NOTES:			NECK SIZE		CFM RANGE		NECK SIZE		CFM RANGE	
1. REFER TO ARCHITECT PLANS FOR CEILING TYPE.			6X6		0-120 CFM		16x16		0-875 CFM	
2. FINAL COLOR SELECTION SUBJECT TO ARCHITECT APPROVAL.			8X8		0-200 CFM		18X18		0-1050 CFM	
3. PROVIDE INSULATION ON THE BACK OF DIFFUSER IF IN UNCONDITIONED SPACE.			10X10		0-325 CFM		20X20		0-1500 CFM	
4. PROVIDE VOLUME CONTROLS DAMPERS AT BRANCH TAKE-OFF CONNECTION TO BALANCE AIRFLOW PER FPM 4200, PAR. 603.18. PROVIDE REMOTE, CABLE OPERATED VOLUME DAMPERS "YOUNG REGULATOR" OR EQUAL FOR DAMPERS LOCATED IN INACCESSIBLE AND HARD CEILING AREAS.			12X12		0-450 CFM		22x22		0-1800 CFM	
			14x14		0-650 CFM		24x24		0-2250 CFM	

EAST - GENERAL FAN SCHEDULE																			
SELECTION DATA						FAN DATA				MOTOR DATA				GENERAL DATA					
TAG	# OF UNITS	SERVICE AREA	MANUF.(*) MODEL	TYPE	CONFIG.	DUTY	CFM	ESP ("WG)	TSP (dBa)	BHP/HP	RPM	DRIVE	ENCLOSURE	VOLTAGE	WEIGHT (LBS)	DIMENSIONS L"xW"xH"	DAMPER SIZE (L"xW")	CONTROL/ MONITOR	NOTES
1ST FLOOR																			
EF-E101	-	*	GREENHECK/ *	CENTRIFUGAL	*	EXHAUST	-	*	*	*	*	*	*	*	*	*	*	*	*
EF-E102																			
2ND FLOOR																			
EF-E01	6	RESTROOMS & JANITORS	GREENHECK/ SP-A50-90-VG	CENTRIFUGAL	CEILING	EXHAUST	50	0.4	2.0	6 WATTS	-	DIRECT	TEAO	120/1/60	12.0	13.3x10.6x9.0	6"□	GRILLE MOUNTED MOTION DETECTOR/ -	*
EF-E201	1	MAIN RESTROOMS	GREENHECK/ SQ-95-VG	CENTRIFUGAL	IN-LINE	EXHAUST	400	0.4	6.6	0.08/0.16	1725	DIRECT	TENV	120/1/60	56	19.0x15.0x15.0	12x12	INTERLOCK W/ OAU***	*
EF-E202																			
3RD FLOOR																			
4TH FLOOR																			
5TH FLOOR																			
NOTES:																			
1. FAN SHALL BE "AMCA" CERTIFIED (SOUND & AIR PERFORMANCE).																			
2. PROVIDE ULcUL-705 LISTED POWER VENTILATOR.																			
3. PROVIDE ULcUL-507 LISTED ELECTRIC FAN.																			
4. PROVIDE MOTOR WITH THERMAL OVERLOAD PROTECTION.																			
5. PROVIDE WITH PLUG TYPE DISCONNECT.																			
6. PROVIDE WITH FACTORY MOUNTED OR SHIP W/ UNIT (FILED MOUNTED) DISCONNECT SWITCH.																			
7. PROVIDE VARI-GREEN EC MOTOR W/ 0-10VCD INPUT AND DIAL FOR BALANCING).																			
8. PROVIDE VARI-GREEN EC MOTOR W/ DIAL ON FAN, 2-SPEED WITH TIME DELAY																			
9. PROVIDE WITH SOLID STATE SPEED CONTROL (FOR BALANCING).																			
10. PROVIDE WITH BACK DRAFT DAMPER (GRAVITY OPERATION).																			
11. PROVIDE ALUMINUM GRILLE.																			
12. PROVIDE ISOLATORS & BRACKETS, NEOPRENE HANGING.																			
13. PROVIDE INLET/OUTLET COMPANION FLANGE																			
14. PROVIDE MOTOR COVER.																			
15. PROVIDE ROOF CURB & CURB SEAL.																			
16. PROVIDE FAN HIGH WIND RATED (4+150 PSF RATING)																			
17. PROVIDE FLORIDA PRODUCT APPROVAL #FL13225.1 & MIAMI-DADE NOA #19-0717.02.																			
18. PROVIDE TIE DOWN POINTS-SET OF 4.																			
19. PROVIDE FAN AND ATTACHED ACC. COATED WITH "PERMATECTOR" OR EQUAL.																			
20. PROVIDE ONE YEAR WARRANTY.																			
21. PROVIDE FAN WITH STEP-DOWN TRANSFORMER 277V TO 120V.																			
(*) APPROVED EQUAL MANUFACTURER: COOK, PENN, ACME																			
GENERAL FAN NOTES:																			
A. MOTOR STARTERS, FUSED DISCONNECTS (IF NOT FACTORY PROVIDED) AND ALL EQUIPMENT POWER WIRING PROVIDED BY ELECTRICAL CONTRACTOR. MECHANICAL AND ELECTRICAL CONTRACTORS TO COORDINATE PRIOR TO ANY WORK AND PURCHASING.																			
B. ALL CONTINUOUS-DUTY MOTORS SHALL BE PROVIDED WITH OVERLOAD PROTECTION ACCORDING TO NATIONAL ELECTRICAL CODE PAR. 430-32.																			
C. FIELD ADJUST OPENINGS WITH STRUCTURE.																			
D. ALL OUTDOOR EQUIPMENT SHALL COMPLY WITH LOCAL ZONING NOISE ORDINANCE OR NOT EXCEED A NOISE LEVEL OF 65dB AS MEASURED RADIALLY 30 FT. FROM THE EQUIPMENT IN ALL DIRECTIONS.																			
E. AS APPLICABLE, ALL FANS MANUFACTURE AND INSTALLATION SHALL COMPLY WITH FMC 301.12 FOR WIND RESISTANCE.																			

PROGRESS SET


NOT FOR CONSTRUCTION

DATED: 06/17/22

ISSUED FOR PERMIT -

ISSUED FOR CONSTRUCTION -

KAMM CONSULTING PROJECT #: 2020-0300  
PROJECT MANAGER: JOE ZIMMER



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06/17/22

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KEY PLAN:



6/17/2022 11:11:57 AM

TYPICAL PLUMBING FIXTURE CONNECTION SCHEDULE						
TYPE	SOIL / WASTE	VENT	TRAP	CW	HW	REMARKS
3" HUB DRAIN	3"	2"	3"	-	-	PROVIDE 1/2" CW TRAP PRIMER CONNECTION.
4" HUB DRAIN	4"	2"	4"	-	-	PROVIDE 1/2" CW TRAP PRIMER CONNECTION.
COFFEE MAKER/WATER FILTER	-	-	-	1/2"	-	PROVIDE WITH VACUUM BREAKER.
REFRIGERATOR	-	-	-	1/2"	-	PROVIDE WITH VACUUM BREAKER.
SINK FAUCET	2"	2"	1/2"	1/2"	1/2"	2.2 GPM AT 60 PSI MAXIMUM.
MOP SINK	3"	2"	13"	1/2"	1/2"	PROVIDE HOSE THREAD FAUCET WITH INTEGRAL VACUUM BREAKER.
LAVATORY (PRIVATE)	2"	2"	1 1/4"	1/2"	1/2"	2.2 GPM @ 60PSI
LAVATORY (PUBLIC)	2"	2"	1 1/4"	1/2"	1/2"	0.5 GPM AT 60 PSI MAXIMUM. (0.25 GALLON METERING CYCLE)
SHOWER HEAD	-	-	-	1/2"	1/2"	2.5 GPM @ 80PSI
WATER CLOSET (FLUSH VALVE)	3"	2"	INTEGRAL	1"	-	1.6 GALLONS PER FLUSHING CYCLE
WATER CLOSET (FLUSH TANK)	3"	2"	INTEGRAL	1/2"	-	1.6 GALLONS PER FLUSHING CYCLE
URINAL	2"	2"	INTEGRAL	3/4"	-	1.0 GALLONS PER FLUSHING CYCLE
NOTE: PLUMBING FIXTURE CONNECTION SCHEDULE IS SHOWN FOR CONVENIENCE ONLY. PLUMBING CONTRACTOR TO CONFIRM FINAL PLUMBING FIXTURE CONNECTION SIZES WITH PLUMBING FIXTURE MANUFACTURER'S REQUIREMENTS. ALL FIXTURES SHALL COMPLY WITH FBC TABLE 604.4						

PLUMBING NOTES

- THE CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, AND EQUIPMENT NECESSARY FOR THE INSTALLATION OF A COMPLETE SCOPE OF WORK. ALL WORKMANSHIP AND MATERIALS SHALL BE IN STRICT ACCORDANCE WITH THE FLORIDA BUILDING CODE 7th EDITION (2020) - PLUMBING, APPLICABLE LOCAL CODES, RULES, AND ORDINANCES.
- THE PLUMBING CONTRACTOR SHALL VISIT THE JOB SITE AND BECOME THOROUGHLY FAMILIAR WITH ALL EXISTING CONDITIONS.
- ALL MATERIALS SHALL BE NEW AND OF GOOD QUALITY.
- ALL WORK SHALL BE PERFORMED BY A LICENSED PLUMBING CONTRACTOR IN A FIRST CLASS WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY-OPERATIONAL. ALL EXCAVATION AND BACKFILL AS REQUIRED FOR THIS PHASE OF CONSTRUCTION SHALL BE A PART OF THIS CONTRACT.
- REQUIRED INSURANCE SHALL BE PROVIDED BY THE PLUMBING CONTRACTOR FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF THE WORK.
- PLUMBING CONTRACTOR SHALL SECURE AND PAY FOR ALL PERMITS, FEES, INSPECTIONS AND TESTS. PLUMBING CONTRACTOR SHALL OBTAIN PERMIT AND APPROVED SUBMITTALS PRIOR TO BEGINNING WORK OR ORDERING EQUIPMENT. PLUMBING CONTRACTOR MUST BE PRESENT FOR ALL INSPECTIONS OF HIS WORK BY REGULATORY AUTHORITIES.
- CONTRACTOR SHALL SUBMIT TO ARCHITECT/ENGINEER, FOR REVIEW & APPROVAL, FIVE (5) SETS OF MANUFACTURER'S CUT SHEETS FOR EACH FIXTURE, PIPING/FITTING MATERIAL AND EQUIPMENT ITEM WITH ASSOCIATED CONTROLS, THAT ARE INCLUDED IN THE CONTRACT.
- DRAWINGS ARE DIAGRAMMATIC. DO NOT SCALE FOR THE EXACT LOCATION OF FIXTURES, PIPING, EQUIPMENT, ETC.
- ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION. REPORT ANY DISCREPANCY TO ARCHITECT/ENGINEER PRIOR TO BEGINNING CONSTRUCTION.
- VERIFY LOCATION, SIZE, DIRECTION OF FLOW AND INVERT ELEVATIONS OF ALL EXISTING UTILITIES PRIOR TO BEGINNING OF CONSTRUCTION. ADVISE ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
- WATER DISTRIBUTION PIPING ABOVE AND BELOW GROUND SHALL BE TYPE "L" COPPER. ALTERNATE PIPING & FITTING MATERIALS MAY BE USED IN ACCORDANCE WITH FLORIDA BUILDING CODE 7th EDITION (2020) - PLUMBING, TABLES 605.3, 605.4 & 605.5, WHEN APPROVED BY ENGINEER OF RECORD AND LOCAL AUTHORITY HAVING JURISDICTION. PROVIDE ALTERNATE FOR CPVC PIPING & FITTINGS EQUAL TO LUBRIZOL CORZAN OR FLOW-GUARD GOLD. PROVIDE ALTERNATE FOR PEX TYPE 'A' PIPING & FITTINGS EQUAL TO UPONOR. ALTERNATES ARE PERTINENT FOR WATER SERVICES KNOWN OR DETERMINED TO HAVE ACIDIC CHARACTERISTICS OR OTHER PARTICULAR CIRCUMSTANCES AS DEEMED APPROPRIATE BY DIRECTIVE FROM THE OWNER. CONTRACTOR SHALL PERFORM A WATER TEST TO DETERMINE WATER CHEMISTRY PRIOR TO ANY WORK OR PIPING INSTALLATION AND SHALL SUBMIT TEST RESULTS TO THE ARCHITECT/ENGINEER FOR REVIEW AND APPROVAL. DISINFECTION OF POTABLE WATER SYSTEM SHALL COMPLY WITH FLORIDA BUILDING CODE 7th EDITION (2020) - PLUMBING, SECTION 610. ALL WATER PIPING & FITTINGS SHALL BE OF DOMESTIC MANUFACTURE, SPECIFICALLY IN THE UNITED STATES OF AMERICA.
- SOIL, WASTE, VENT, AND RAINWATER (DWV) PIPING & FITTINGS SHALL BE CAST IRON OR PVC, WHERE CODE ALLOWS. PVC SHALL NOT BE USED IN PLENUMS. PVC PIPING SHALL BE SOLID-CORE ONLY. FOAM-CORE PIPING SHALL NOT BE ACCEPTED. CAST IRON PIPING & FITTINGS SHALL BEAR THE CISPI-301 MARK. ALL DWV PIPING & FITTINGS SHALL BE OF DOMESTIC MANUFACTURE, SPECIFICALLY IN THE UNITED STATES OF AMERICA. ALL HORIZONTAL SANITARY PIPING RUN ABOVE FINISHED FLOOR THAT RECEIVES COLD DRAINAGE FROM REFRIGERATION EQUIPMENT SHALL BE INSULATED WITH ARMAFLEX AND A VAPOR-BARRIER JACKET.
- NATURAL & PROPANE FUEL GAS PIPING SHALL BE THE FOLLOWING: UNDERGROUND - PE PIPE COMPLYING WITH ASTM D2683 OR ASTM D3261 AND ASTM D2513, SDR 11 TRANSITION FITTINGS. ABOVEGROUND - SCHEDULE 40 BLACK STEEL COMPLYING WITH ASTM A53 AND THREADED, WELDED, OR FLANGED FITTINGS. CORRUGATED STAINLESS STEEL TUBING COMPLYING WITH ANSI/AS LCI SHALL BE ALLOWED ONLY WITHIN INTERIOR ACCESSIBLE SPACES.
- COMPRESSED AIR PIPING SHALL BE ASTM B241 EXTRUDED ALUMINUM ALLOY COMPLIANT WITH ASME B31.1 OR GALVANIZED BLACK STEEL IN ACCORDANCE WITH DIN EN 10255. ALUMINUM PIPING AND MECHANICAL GROOVED-JOINT FITTINGS SHALL BE AIRNET, TRANSAIR, OR APPROVED EQUAL. STEEL PIPING AND MECHANICAL GROOVED-JOINT FITTINGS SHALL BE VIEGA MEGAPRESS OR APPROVED EQUAL.
- ALL FIXTURES MUST BE PROVIDED WITH READILY ACCESSIBLE ANGLE STOPS AND APPROPRIATELY MARKED ACCESS PANELS (WHERE REQUIRED). COORDINATE LOCATIONS WITH GENERAL CONTRACTOR PRIOR TO INSTALLATION.
- PROVIDE APPROVED WATER HAMMER ARRESTORS FOR ALL (GROUP) PLUMBING FIXTURES, SIZED & LOCATED PER MANUFACTURER'S INSTALLATION INSTRUCTIONS & PDI-WH201.
- PROVIDE DIELECTRIC COUPLINGS OR FLANGES BETWEEN ALL DISSIMILAR METALS IN PIPING AND EQUIPMENT CONNECTIONS.
- ISOLATE COPPER PIPING FROM METALLIC HANGERS OR SUPPORTS WITH ISOLATOR PADS OR NON-CONDUCTIVE MATERIAL.
- ALL FIRE RATED FLOOR AND WALL PENETRATIONS SHALL BE PROPERLY PROTECTED FROM FIRE, SMOKE AND WATER PENETRATION BY FILLING ANNULAR SPACE BETWEEN PIPING AND SLEEVES WITH INTUMESCENT CAULK, TO ACHIEVE THE SAME RATING AS WALLS OR FLOORS, AS PART OF THE PLUMBING CONTRACTOR'S WORK.
- PLUMBING CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FREE FROM DEFECTS FOR A PERIOD OF NOT LESS THAN ONE (1) YEAR FROM DATE OF ACCEPTANCE BY OWNER. CORRECTION OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ADDITIONAL CHARGE AND SHALL INCLUDE REPLACEMENT OR REPAIR OF ANY OTHER PHASE OF THE INSTALLATION WHICH MAY HAVE BEEN DAMAGED.
- PROVIDE ACCESS PANELS FOR ALL CONCEALED VALVES. ACCESS PANELS IN RATED WALLS SHALL MAINTAIN THE SAME RATING AND SHALL MATCH THE FINISH OF THE WALL IN WHICH IT IS INSTALLED.
- PROVIDE COMBINATION CLEANOUT PLUG AND COVER PLATE OR ACCESS PANEL FOR ALL WALL CLEANOUTS. FINISH TO MATCH NEARBY FIXTURE TRIM.
- NO COMBUSTIBLE MATERIAL SHALL BE INSTALLED IN MECHANICAL ROOMS NOR IN CEILING SPACES WHERE USED AS RETURN AIR PLENUMS.
- NO WATER, SANITARY OR DRAINAGE PIPING SHALL BE INSTALLED IN ELECTRICAL OR ELEVATOR EQUIPMENT ROOMS.
- ALL CONTROL VALVES SHALL BE TAGGED AND MARKED. A REPRODUCIBLE DIAGRAM LOCATING ALL VALVES SHALL BE FURNISHED FOR OWNER/OPERATOR.
- CONDENSATE DRAIN PIPING SHALL BE TYPE "L" COPPER WITH ARMAFLEX INSULATION AND A VAPOR-BARRIER JACKET PER FLORIDA BUILDING CODE 7th EDITION (2020) - ENERGY CONSERVATION, TABLE C403.2.8. PVC WITHOUT INSULATION IS ACCEPTABLE FOR RISERS AND BELOW GRADE PIPING. WHEN USED IN A RETURN AIR PLENUM, CPVC PIPING WITH INSULATION IS ACCEPTABLE IN LOCATIONS WHERE ALLOWED BY LOCAL CODES. CONDENSATE PIPING SHALL NOT DRAIN ONTO THE ROOFING SYSTEM NOR ANY OF ITS COMPONENTS. CONDENSATE PIPING ARRANGEMENT IS EXEMPT FROM MINIMUM EQUIPMENT CLEARANCE REQUIREMENTS PER FLORIDA BUILDING CODE 7th EDITION (2020), SECTION 1522.3.5. ALL HORIZONTAL RAINWATER PIPING RUNNING IN AIR CONDITIONED PLENUM ABOVE FINISHED FLOOR SHALL BE INSULATED WITH ARMAFLEX AND A VAPOR-BARRIER JACKET.
- HOT WATER PIPING INSULATION SHALL BE PROVIDED IN ACCORDANCE WITH FLORIDA BUILDING CODE 7th EDITION (2020) PLUMBING, SECTION 607.5 & FLORIDA BUILDING CODE 7th EDITION (2020) - ENERGY CONSERVATION, TABLE C403.2.10. CONTRACTOR SHALL USE ARMAFLEX OR EQUAL WHERE APPLICABLE. WHERE DOMESTIC WATER TEMPERATURES CAN CAUSE SWEATING, ALL COLD WATER PIPING SHALL BE INSULATED WITH ARMAFLEX INSULATION AND A VAPOR-BARRIER JACKET, PER FLORIDA BUILDING CODE 7th EDITION (2020) - ENERGY CONSERVATION, TABLE C403.2.10.
- AIR ADMITTANCE VALVES MAY BE USED AS AN ALTERNATE TO VENT PIPING THRU ROOF WHERE ACCEPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION. INSTALLATION METHODS SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND REQUIREMENTS.

PLUMBING SHEET INDEX

Sheet Number	Sheet Name	Current Revision
P0-001	PLUMBING NOTES	
P0-002	DETAILS	
P0-003	DETAILS	
P2-101	EAST BUILDING LEVEL 01 PLUMBING PLANS	
P2-101.1	EAST BUILDING LEVEL 01 MEZZ PLUMBING PLANS	
P2-102	EAST BUILDING LEVEL 02 PLUMBING PLANS	
P2-103	EAST BUILDING LEVEL 03 PLUMBING PLANS	
P2-104	EAST BUILDING LEVEL 04 PLUMBING PLANS	
P2-105	EAST BUILDING LEVEL 05 PLUMBING PLANS	
P2-106	EAST BUILDING ROOF LEVEL PLUMBING PLANS	
P4-001	ENLARGED PLUMBING PLANS	
P4-002	ENLARGED PLUMBING PLANS	
P4-003	ENLARGED PLUMBING PLANS	
P5-001	SANITARY ISOMETRICS	
P6-001	DOMESTIC WATER ISOMETRICS	
P7-001	STORM DRAIN ISOMETRICS	
Grand total: 16		

SLOPE OF HORIZ. DRAINAGE PIPE

SIZE (inches)	MINIMUM SLOPE (inch per foot)
2-1/2 or less	1/4
3 to 6	1/8
8 or larger	1/16
TABLE 704.1 OF THE FLORIDA PLUMBING CODE 2017 ALL PIPING 3" AND LARGER IS TO SLOPE 1/8" PER/FT UNLESS NOTED.	

SHOCK ARRESTOR SCHEDULE

P.D.I. DESIGNATION	MANUF. & MODEL	FIXTURE UNITS	CONNECTION
A	SIoux CHIEF 652-A	1-11	1/2"
B	SIoux CHIEF 653-B	12-32	3/4"
C	SIoux CHIEF 654-C	33-60	1"

SIoux CHIEF SHOCK ARRESTORS APPROVED FOR INSTALLATION WITH NO ACCESS DOOR REQUIRED. CONFORMS TO ANSI/ASSE 1010 STANDARDS.

CONDENSATE DRAIN PIPE SIZING

HVAC EQUIPMENT CAPACITY	MINIMUM CONDENSATE PIPE DIAMETER
UP TO 20 TONS OF REFRIGERATION	1"
OVER 21 TONS TO 40 TONS OF REFRIGERATION	1-1/4"
OVER 41 TONS TO 60 TONS OF REFRIGERATION	1-1/2"
OVER 61 TONS TO 100 TONS OF REFRIGERATION	2"
OVER 101 TONS TO 250 TONS OF REFRIGERATION	3"
OVER 251 TONS & LARGER OF REFRIGERATION	4"

ARQUITECTONICA

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55 NE 5th Avenue, Suite 501  
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TEL:561.705.5353

ARCHITECT:

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MIAMI, FL 33133  
TEL:305.372.1812

STRUCTURAL ENGINEER:

THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL:954.903.9300

MEP/FF ENGINEERS:

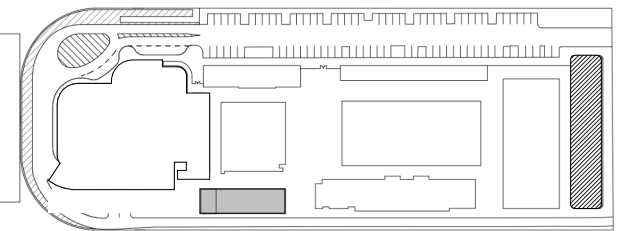
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL:954.949.2200

CIVIL ENGINEER:

KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL:954.788.3400

PROJECT  
ISHOF  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



DESCRIPTION DATE

NOT FOR  
CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:



DRAWING TITLE

PLUMBING NOTES

PROJECT NUMBER: 010326.000

DATE: 06/03/2022

SCALE: 1/2" = 1'-0"

SHEET

P0-001

CAM 23-0723  
Exhibit 1L  
Page 108 of 171

PROGRESS SET

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DATED: 06/17/22

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ISSUED FOR CONSTRUCTION

KAMM CONSULTING PROJECT #: 2020-0300

PROJECT MANAGER: JOE ZIMMER

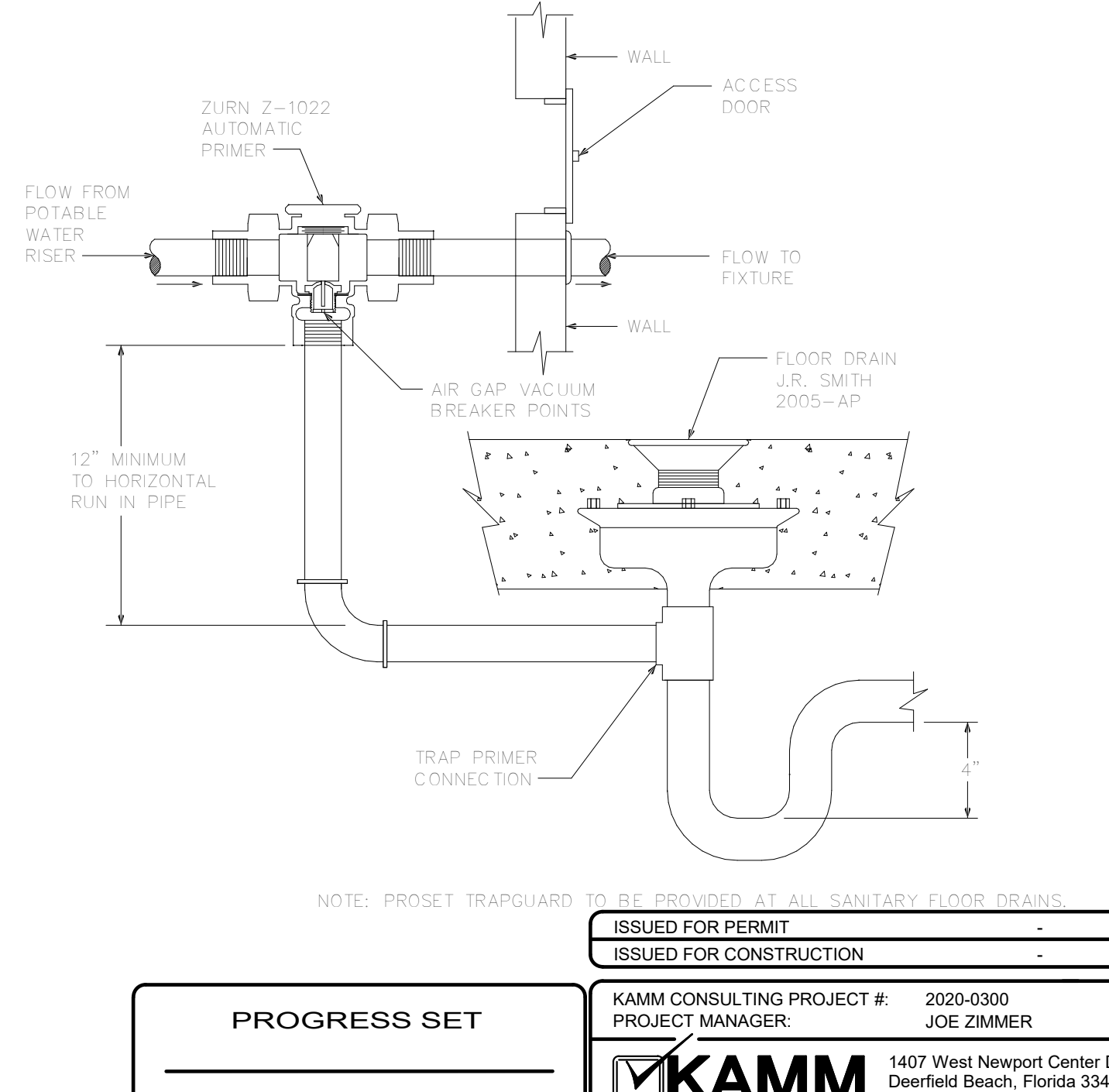
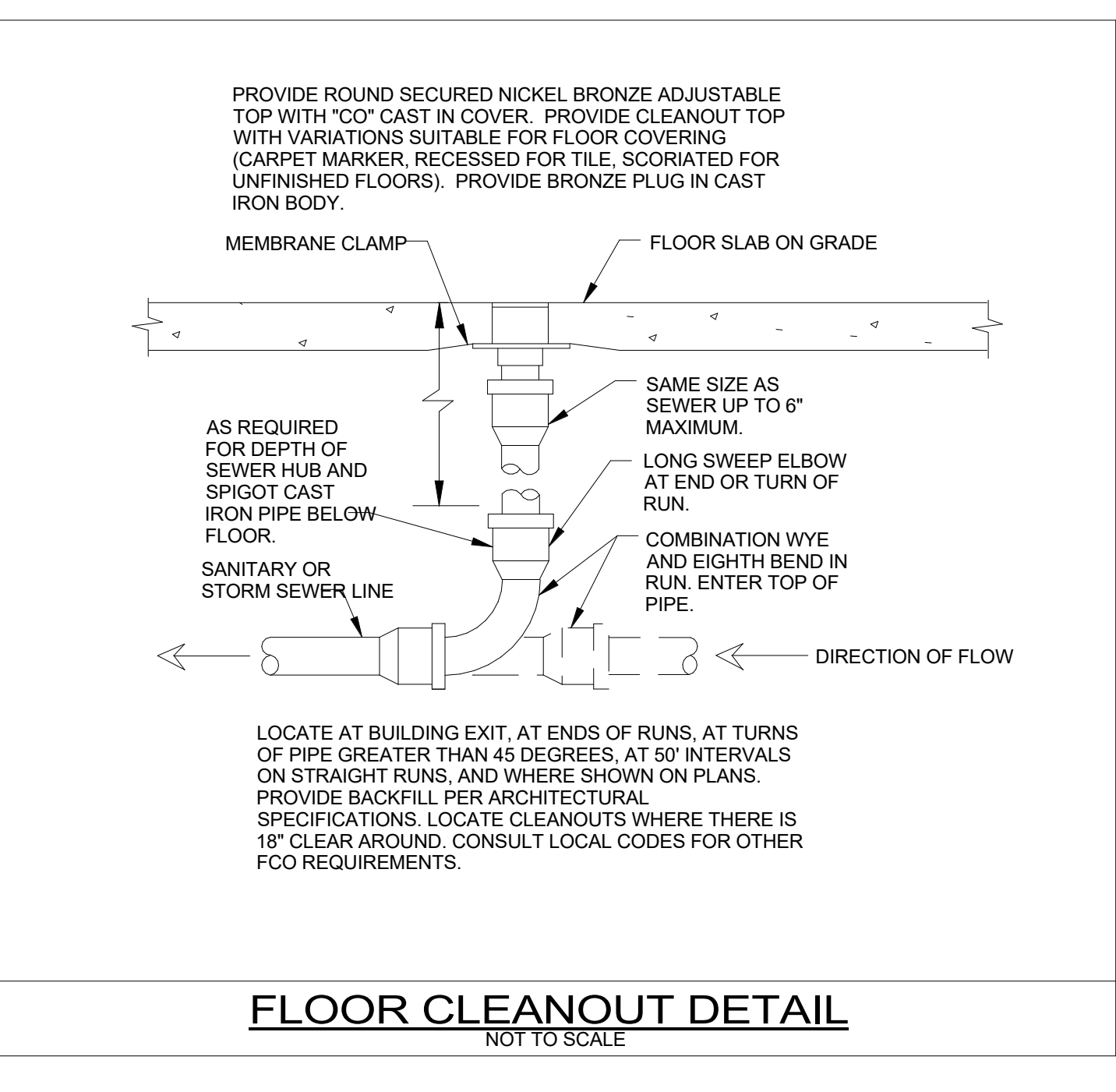
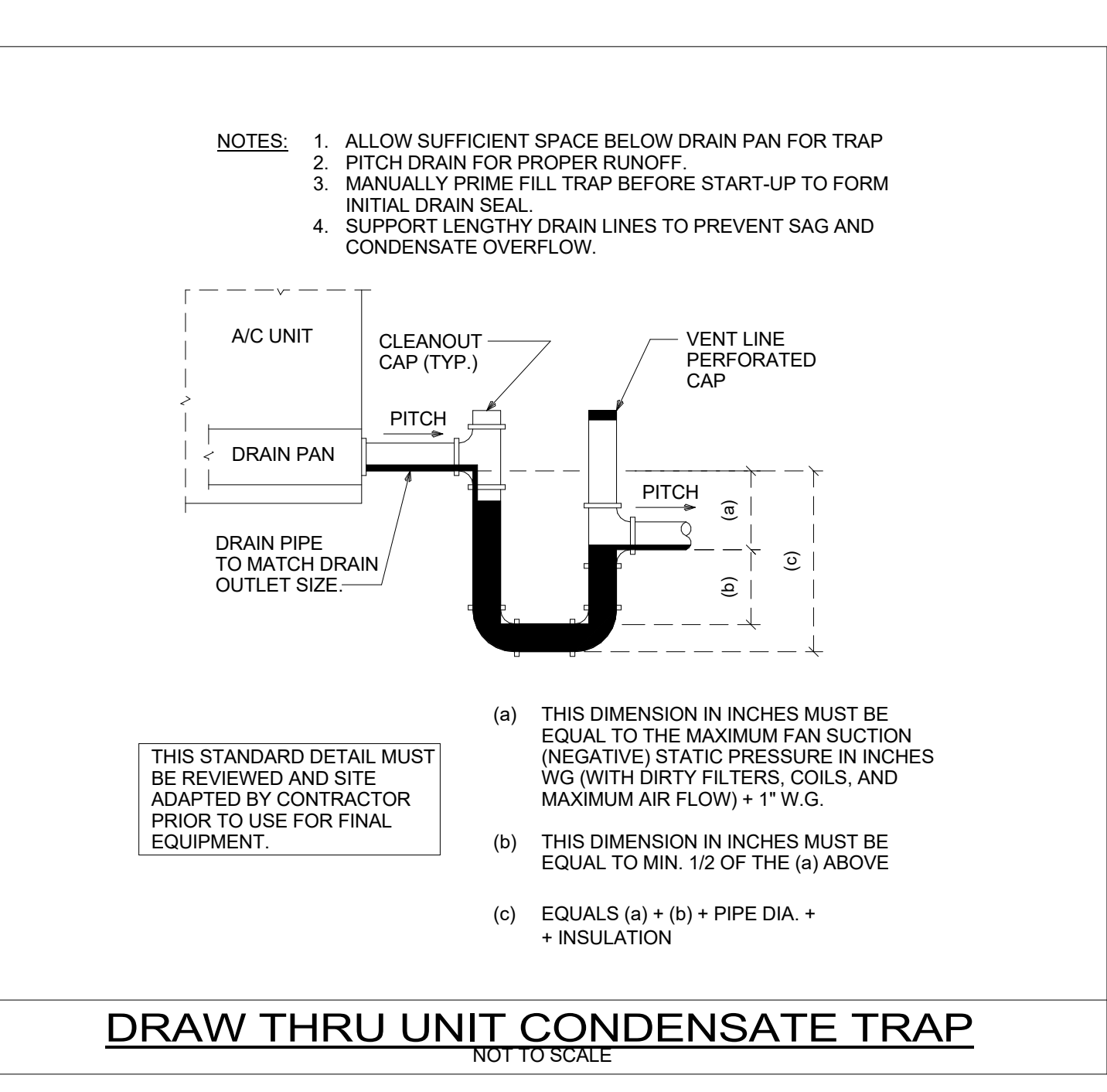
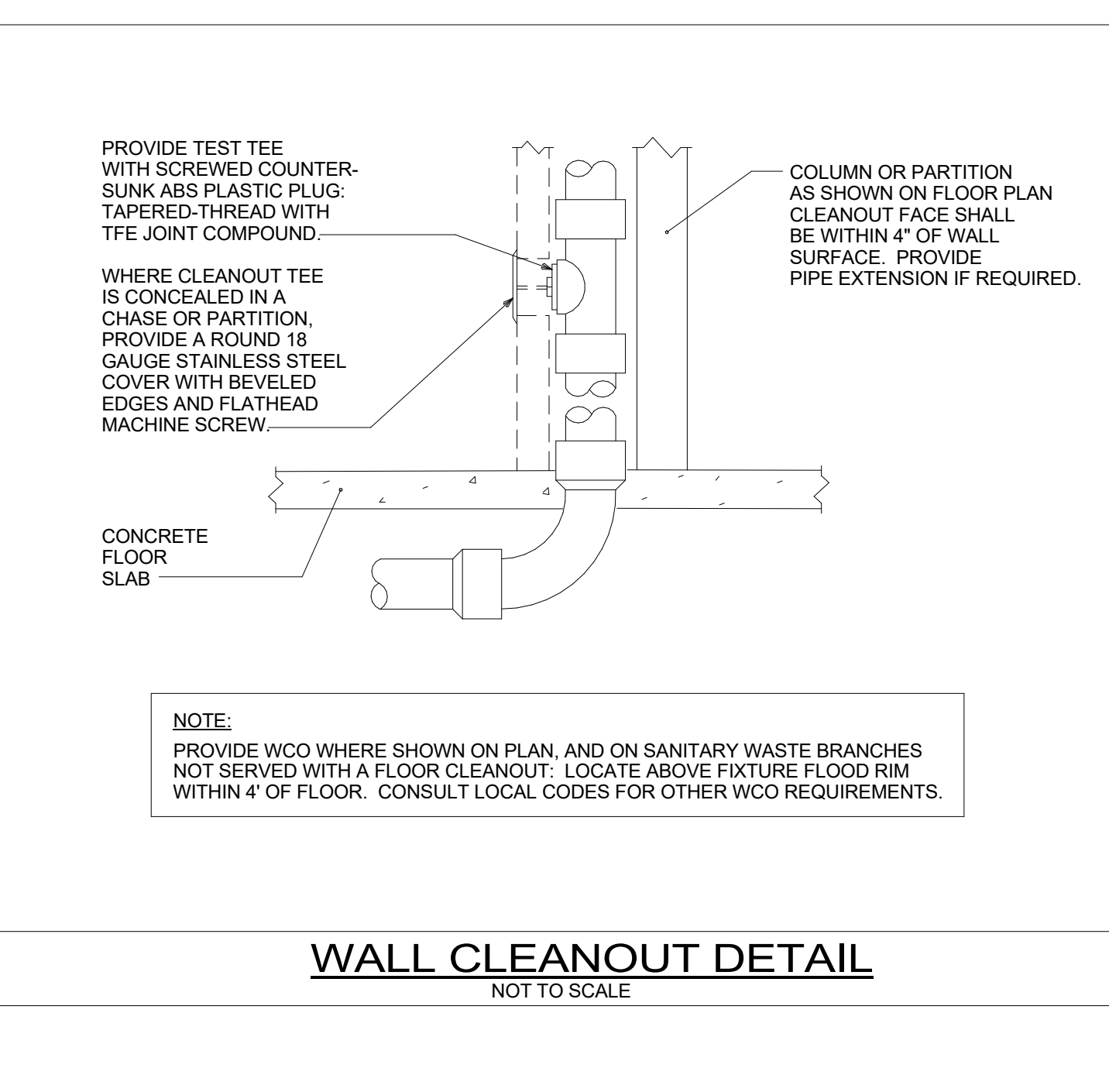
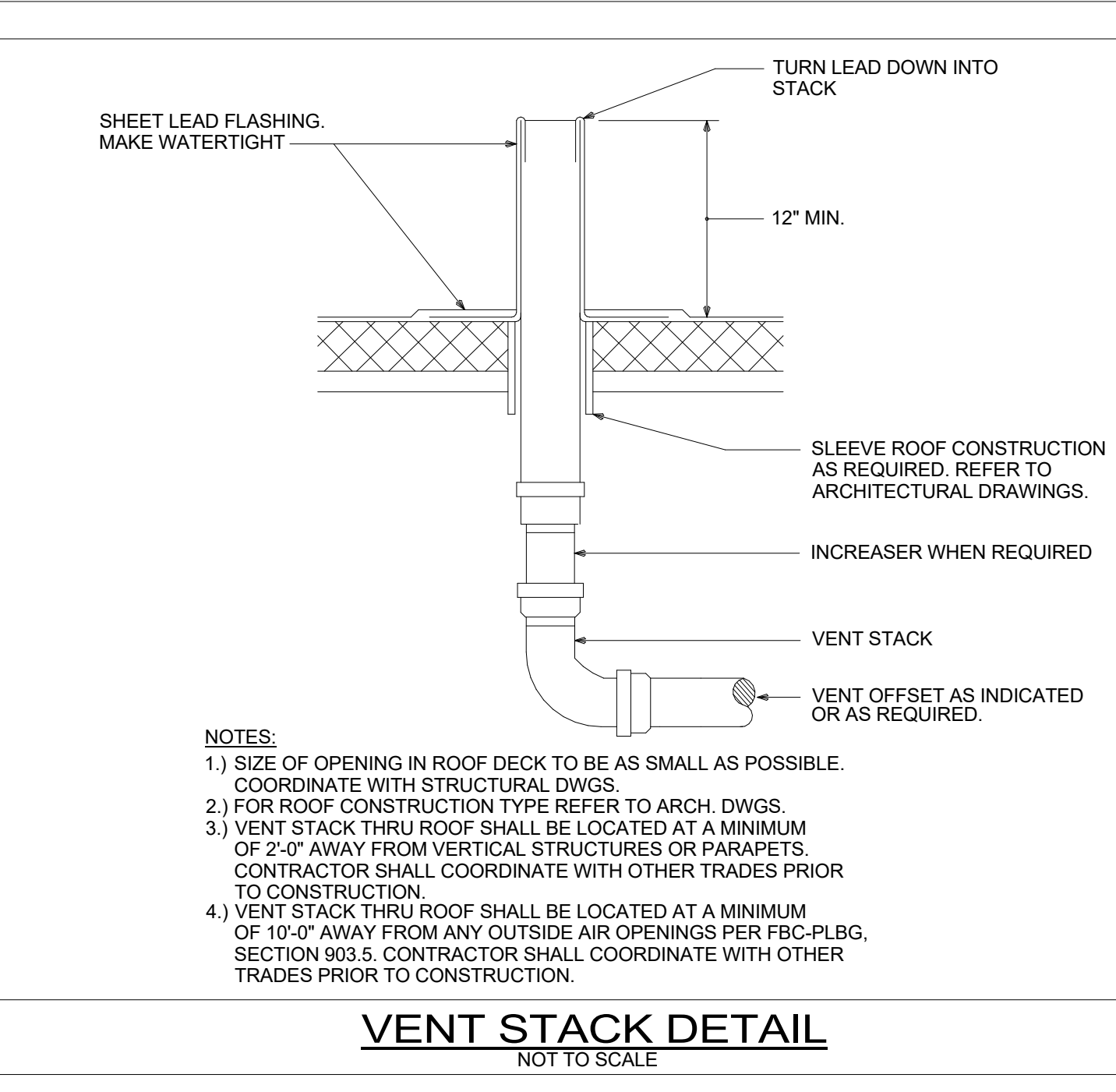
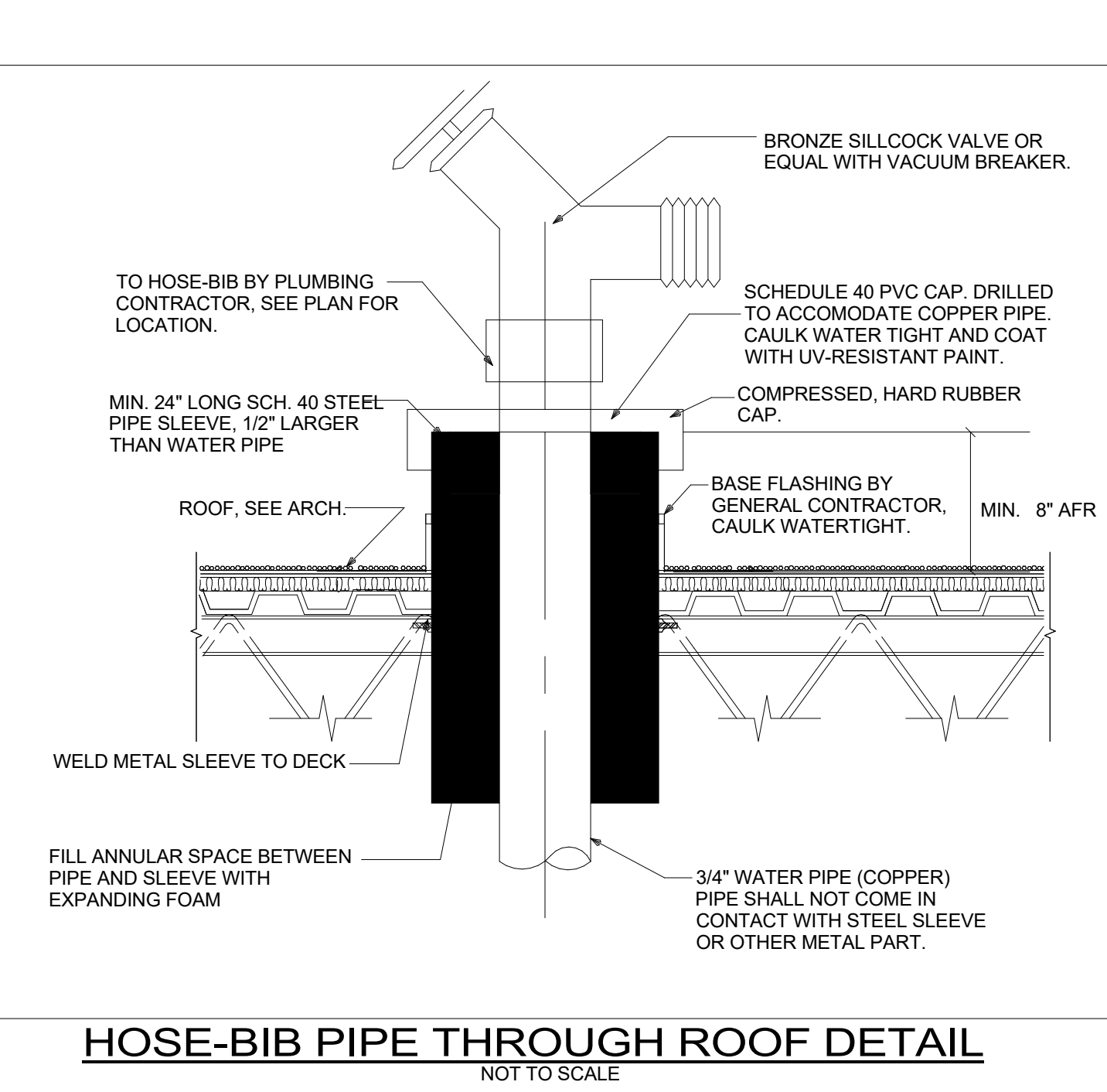
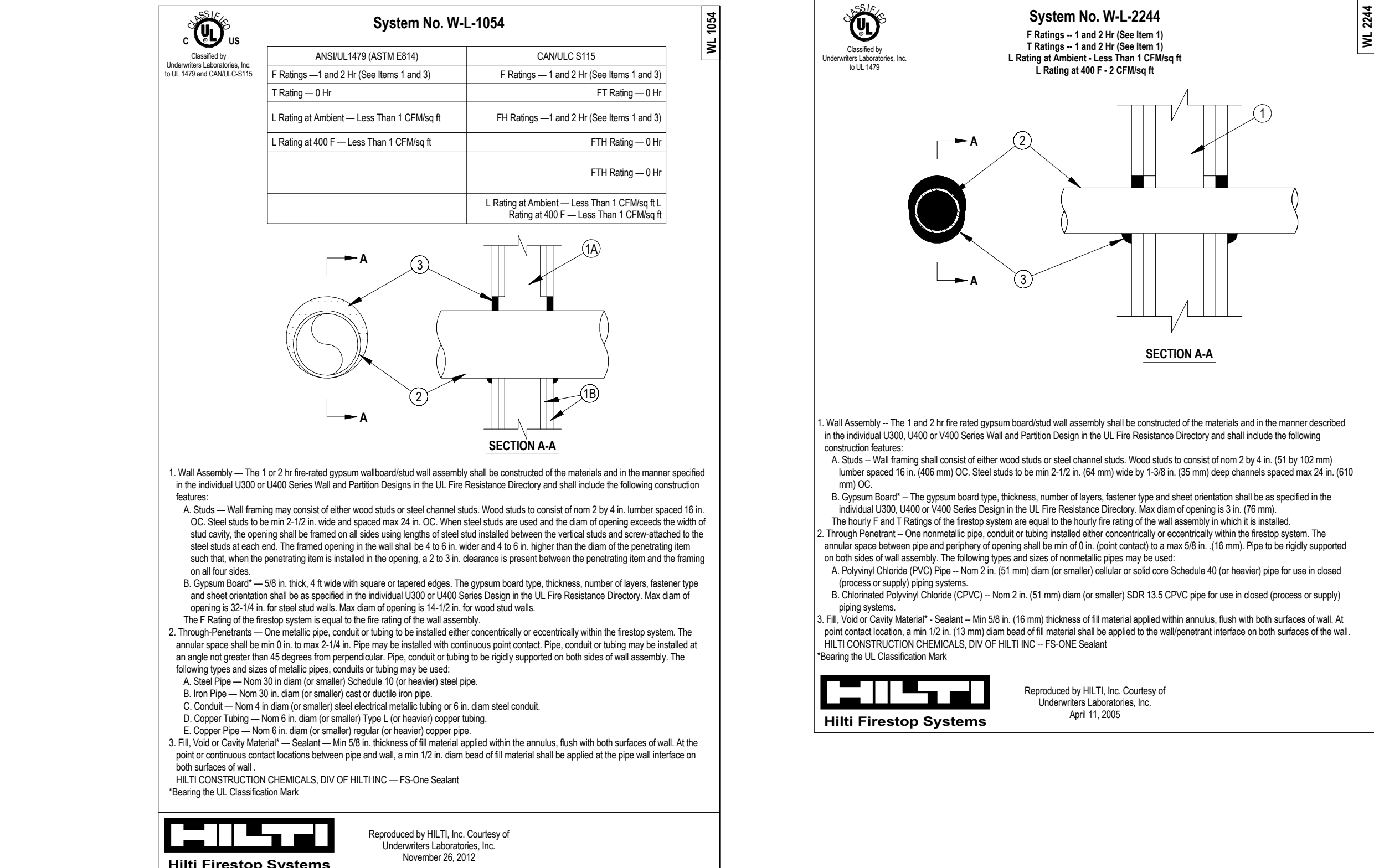
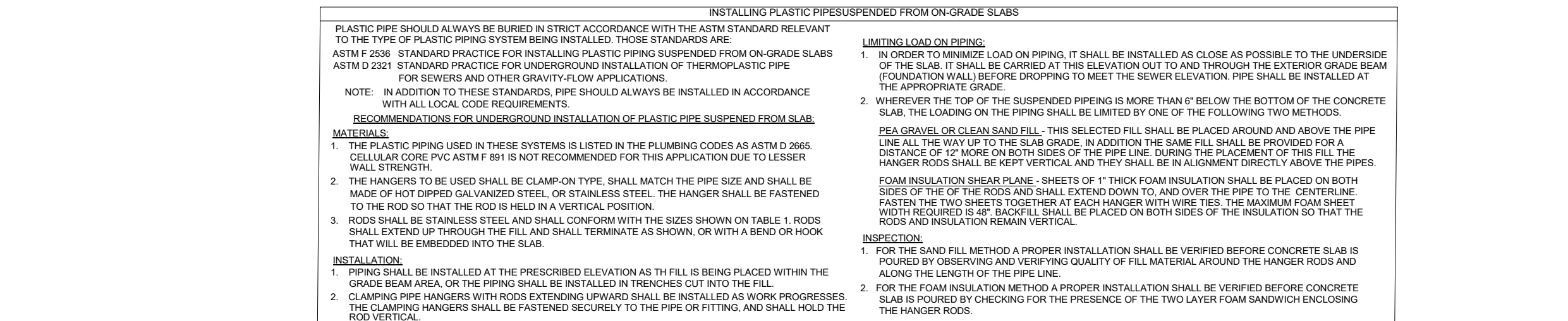
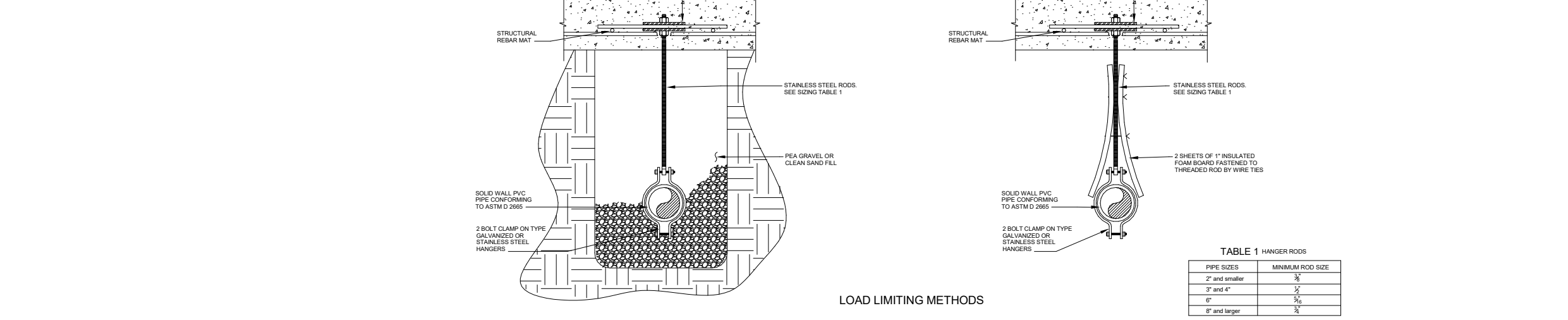
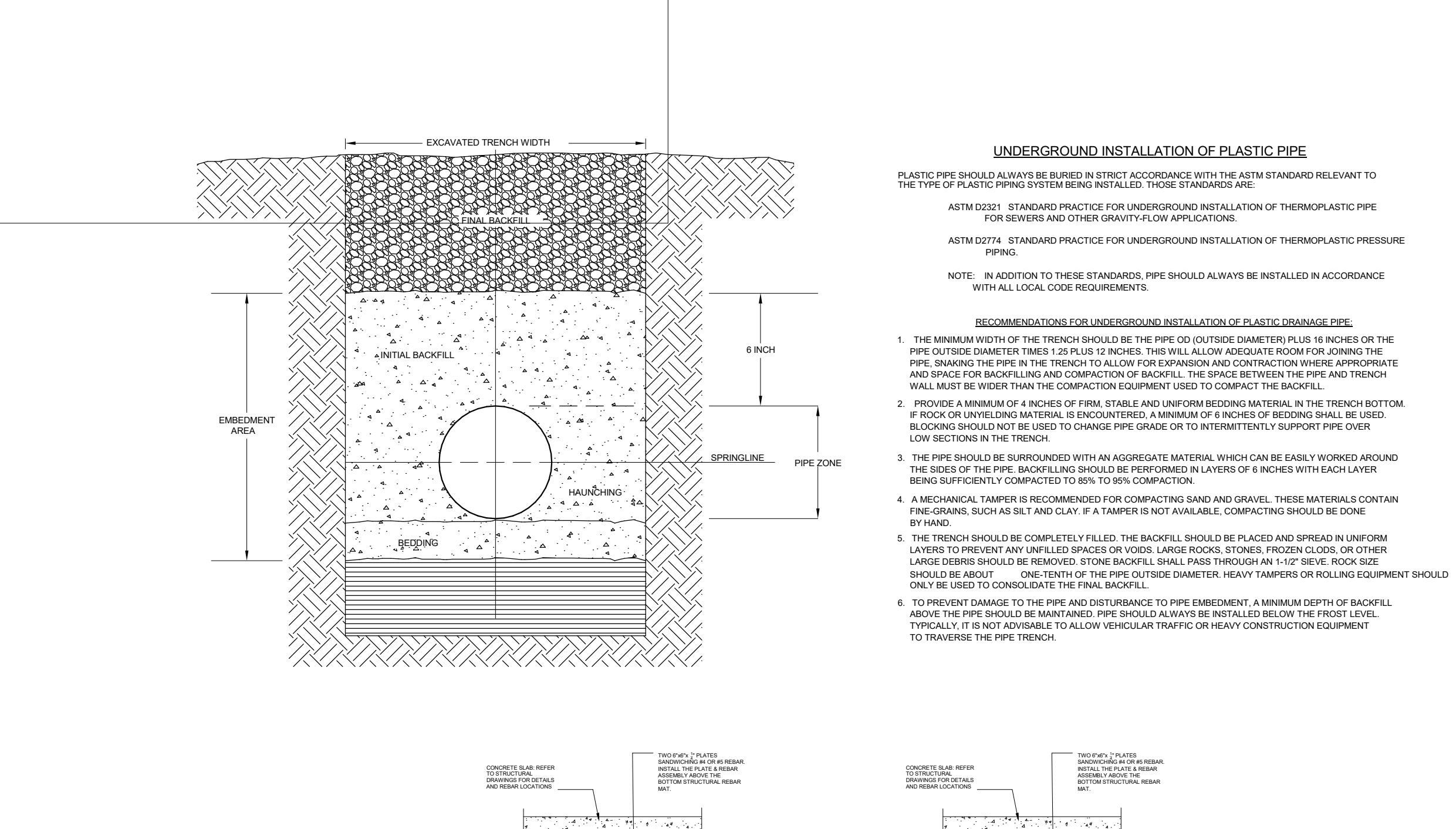


1407 West Newport Center Drive  
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engineering@kammconsulting.com

06/17/22

Certification of Authorization #8189





# ARQUITECTONICA

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**STRUCTURAL ENGINEER:**  
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**CIVIL ENGINEER:**  
KEITH  
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FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT

## ISHOF

1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:

DESCRIPTION	DATE
NOT FOR CONSTRUCTION	

SEAL & SIGNATURE

PROJECT NORTH

DRAWING TITLE

DETAILS

PROJECT NUMBER: 010326.000  
DATE: 05/26/22  
SCALE: As Indicated

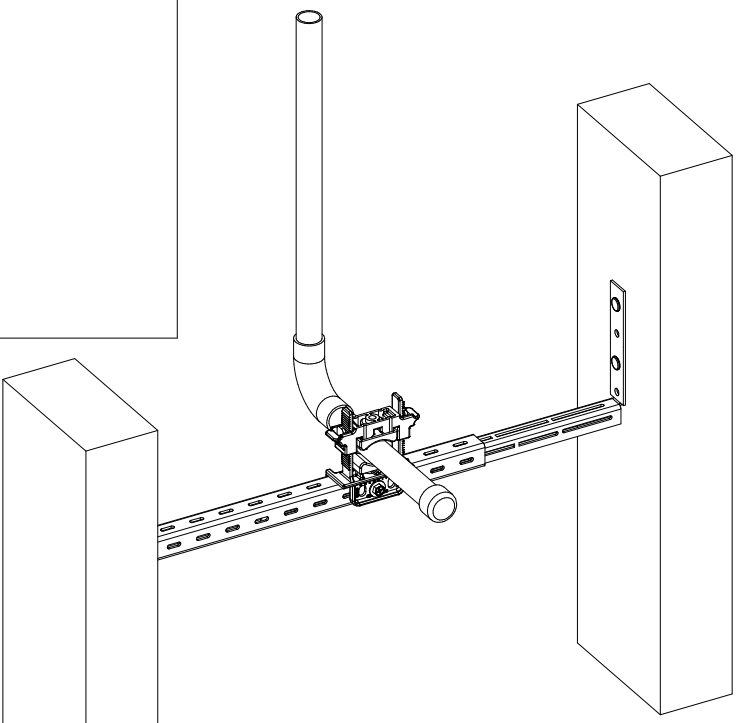
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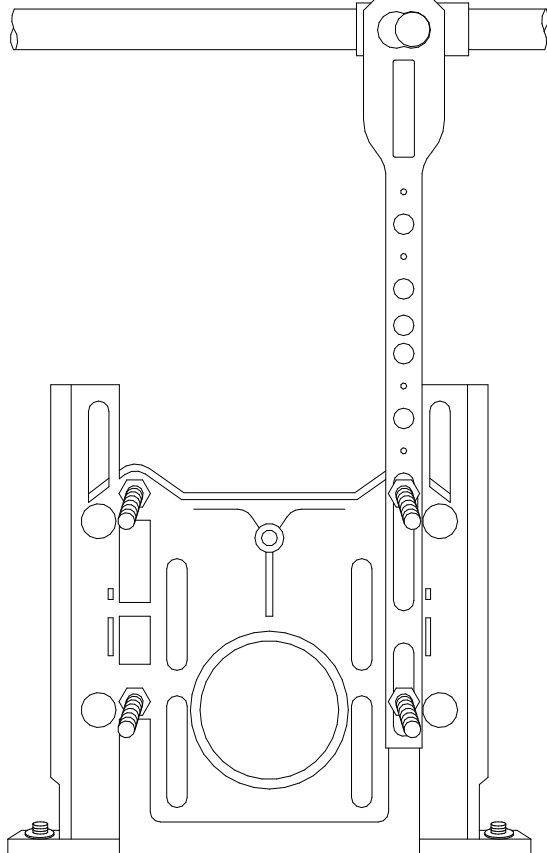
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Exhibit 1L  
Page 109 of 171



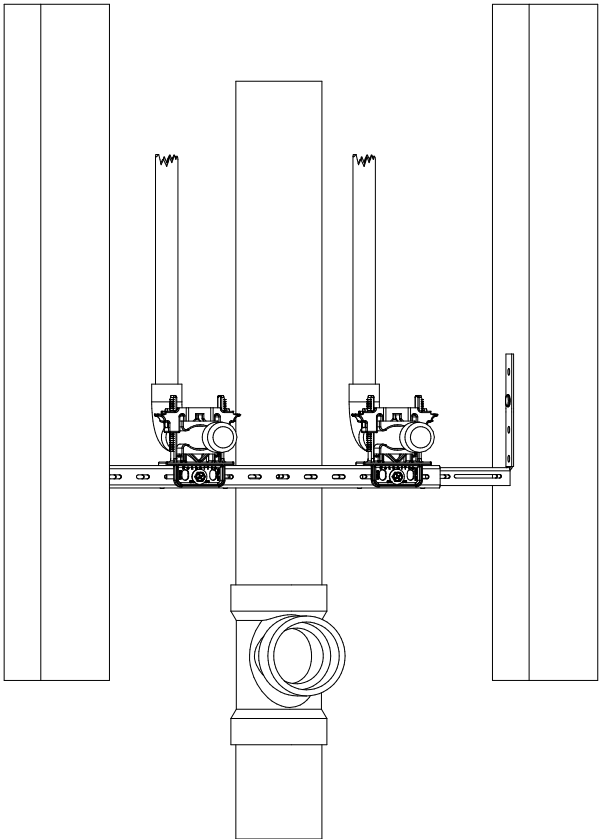
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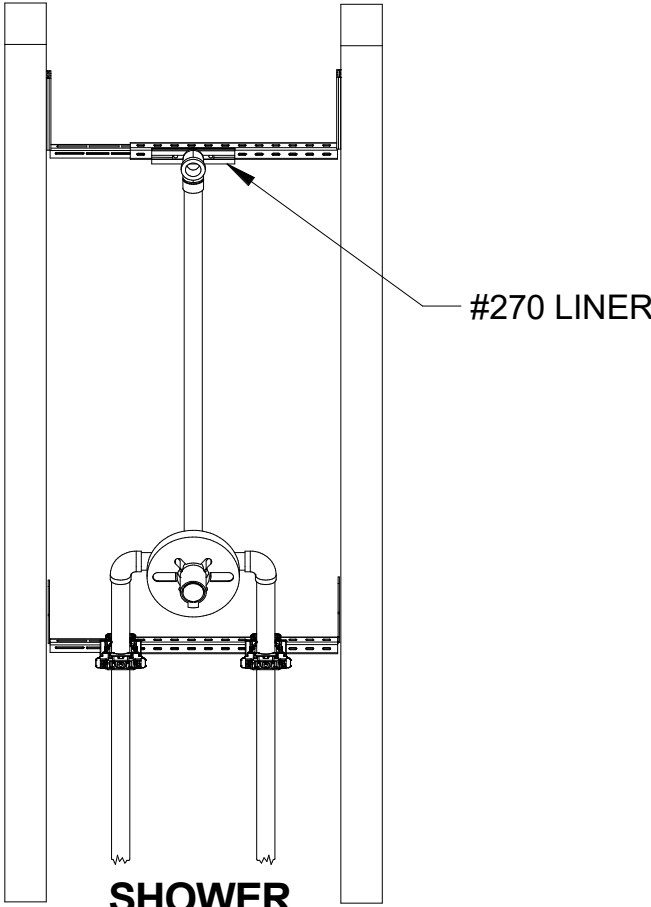
**TOILET**  
SHOWN WITH HOLDRITE® #250 STOUT CLAMP™ WITH ACOUSTICAL PADS MOUNTED ON A HOLDRITE® STOUT BRACKET™. THIS CLAMP ACCEPTS 3/8" THROUGH 1" TUBING.

2

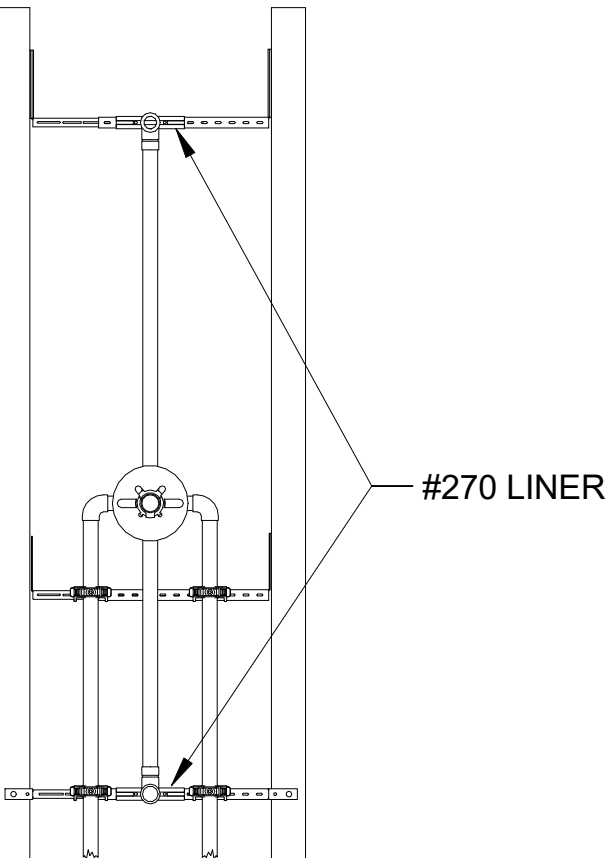
**FLUSH VALVE SUPPORT**  
HOLDRITE® #114-CO SUPPORTS 1" COPPER SUPPLY AT 4-3/4" OFF CENTER. MOUNTS TO FOUR BOLT CARRIERS.

3

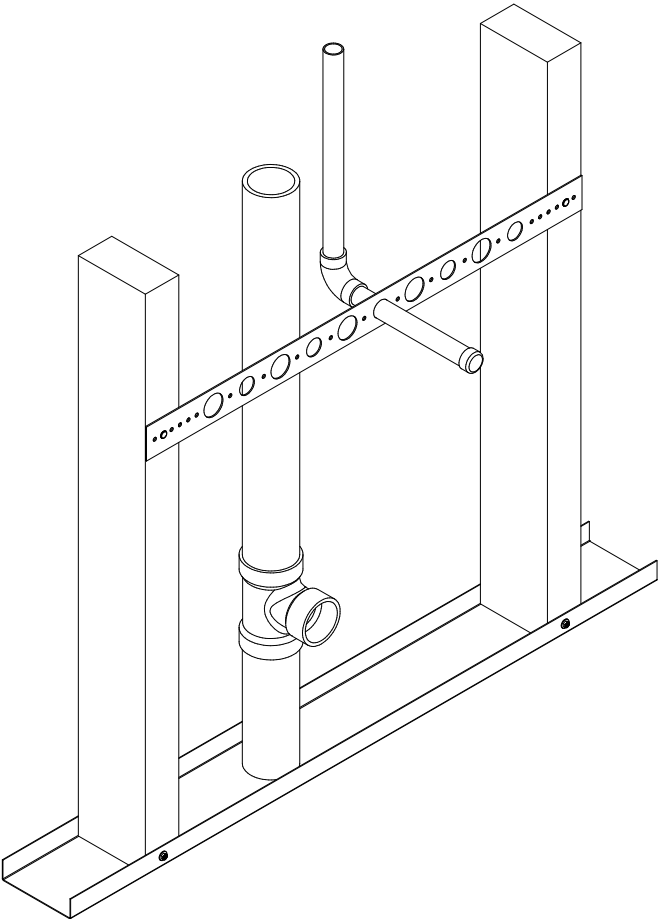
**LAVATORY OR SINK**  
SHOWN WITH HOLDRITE® #SB2-2502 STOUT BRACKET™ KIT. INCLUDES ONE #SB2S STOUT BRACKET™ & TWO #250 STOUT CLAMPS™. (#SB1-2502 AVAILABLE FOR 16" STUD BAYS)

4

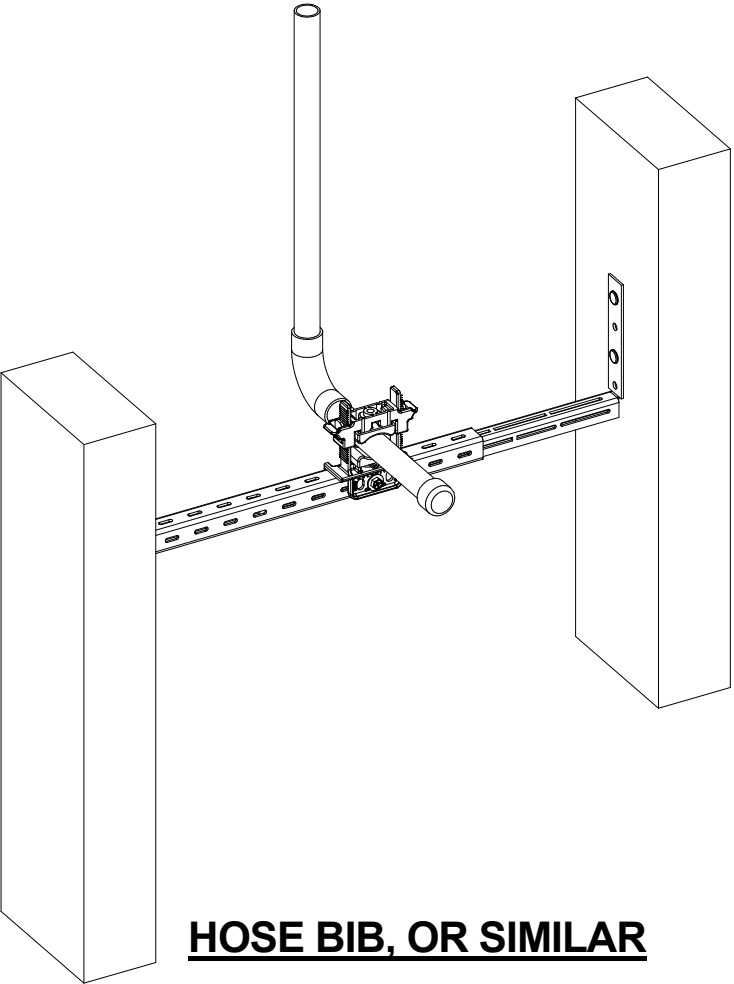
**SHOWER**  
FAUCET AND PIPING SHOWN WITH HOLDRITE® #250 STOUT CLAMPS™ WITH ACOUSTICAL PADS MOUNTED ON HOLDRITE® STOUT BRACKETS™. SHOWER HEAD SHOWN WITH DROP EARED 90'S MOUNTED ON HOLDRITE® STOUT BRACKETS™ WITH HOLDRITE® #270 ACOUSTICAL SOUND LINERS.

5

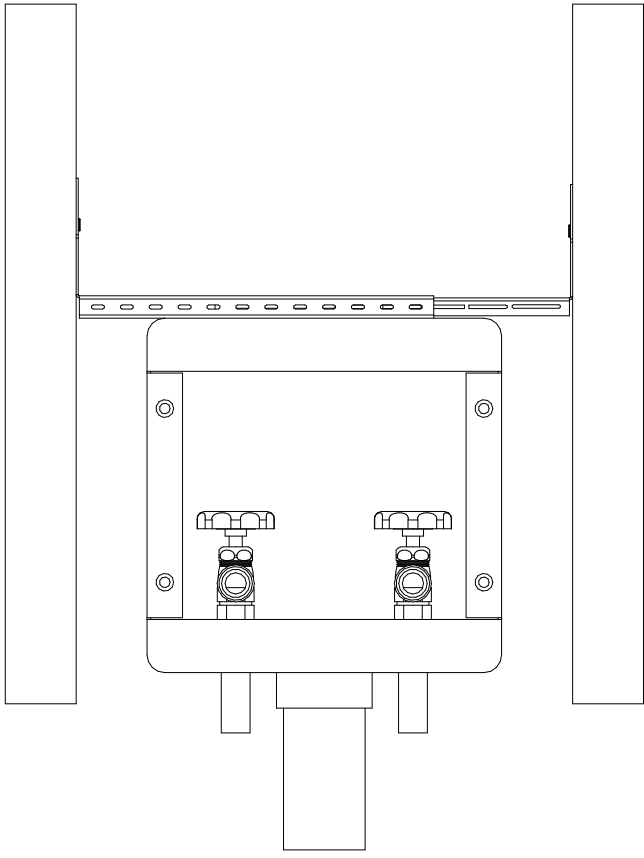
**TUB / SHOWER**  
FAUCET AND PIPING SHOWN WITH HOLDRITE® #250 STOUT CLAMPS™ WITH ACOUSTICAL PADS MOUNTED ON HOLDRITE® STOUT BRACKETS™. SHOWER HEAD AND TUB SPOUT SHOWN WITH DROP EARED 90'S MOUNTED ON HOLDRITE® STOUT BRACKETS™ WITH HOLDRITE® #270 ACOUSTICAL SOUND LINERS.

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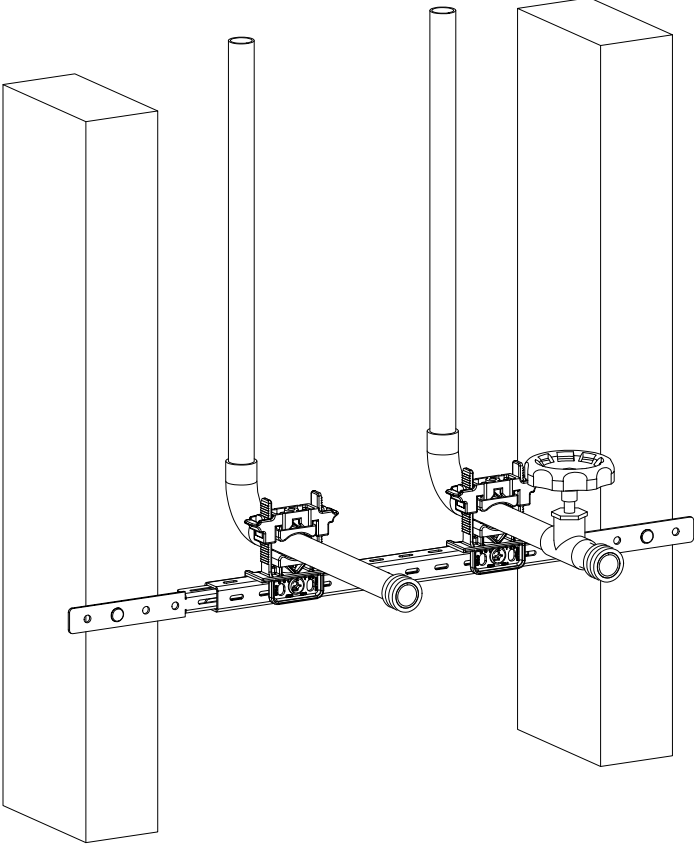
**URINAL**  
SHOWN WITH HOLDRITE® #102-26, COPPER-BONDED™ BRACKET. BRACKET HOLDS 3/4" AND 1" COPPER. (ALSO AVAILABLE FOR 16" FRAMING #102-18)

7

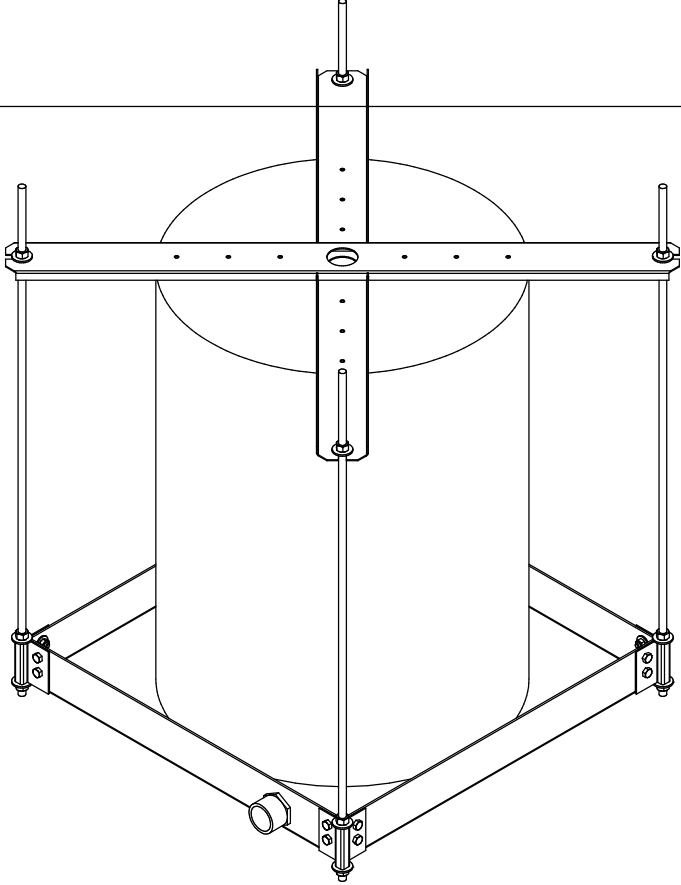
**HOSE BIB, OR SIMILAR**  
SHOWN WITH HOLDRITE® #250 STOUT CLAMP™ WITH ACOUSTICAL PADS MOUNTED ON A HOLDRITE® STOUT BRACKET™. THIS CLAMP ACCEPTS 3/8" THROUGH 1" TUBING.

8

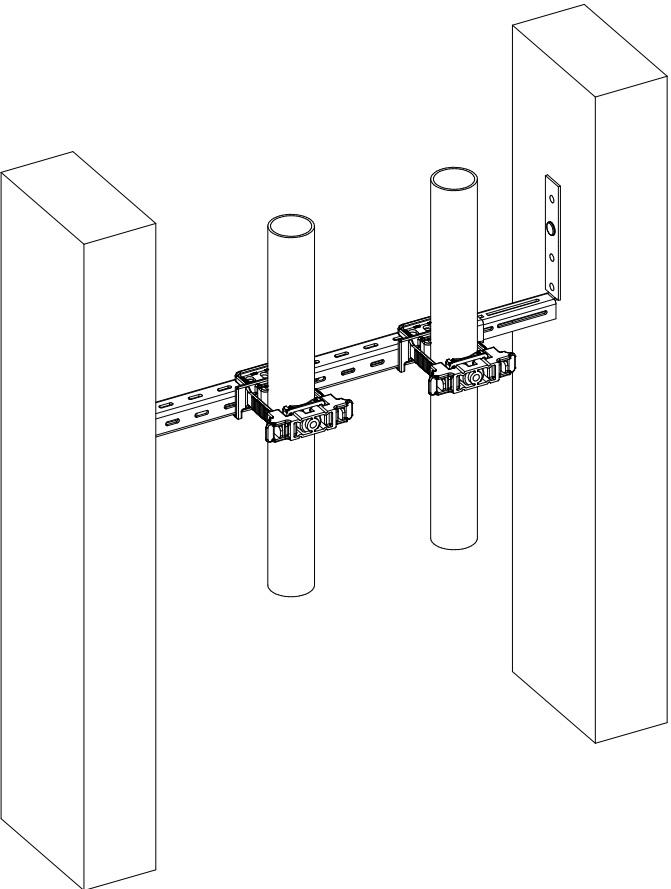
**LAUNDRY BOX**  
SHOWN WITH HOLDRITE® STOUT BRACKET™.

9

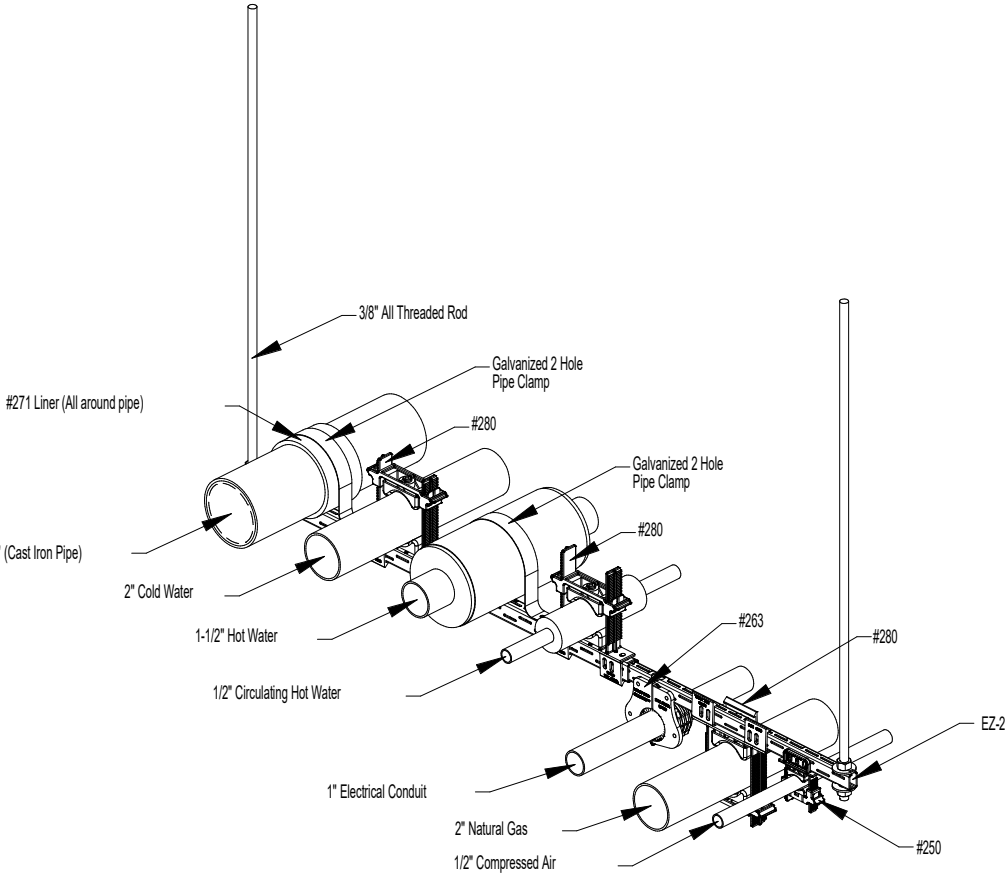
**HOT WATER TANK**  
SHOWN WITH HOLDRITE® #250 STOUT CLAMPS™ WITH ACOUSTICAL PADS MOUNTED TO A HOLDRITE® STOUT BRACKET™. THESE CLAMPS ACCEPT 3/8" THROUGH 1" TUBING.

10

**SUSPENDED WATER HEATER PLATFROM / DRAIN PAN**  
#50-SWHP HOLDS HOT WATER TANKS UP TO 50 GALLONS AND 26" DIAMETER. INCLUDES DRAIN BODY AND CROSS BRACES.

11

**VERTICAL / HORIZONTAL PIPING**  
SHOWN WITH HOLDRITE® #250 STOUT CLAMPS™ WITH ACOUSTICAL PADS HOLDING 1" TUBES MOUNTED TO A HOLDRITE® STOUT BRACKET™. THESE CLAMPS ACCEPT 3/8" THROUGH 1" TUBING.

12

**OVERHEAD TRAPEZE PIPING**  
SHOWN WITH HOLDRITE® EZ-2 ADJUSTIBLE TRAPEZE WITH VARIOUS METHODS OF ACOUSTICAL PIPING PROTECTION.

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PROGRESS SET

NOT FOR CONSTRUCTION

DATED: 06/17/22

ISSUED FOR PERMIT  
ISSUED FOR CONSTRUCTION

K&M CONSULTING PROJECT #: 2020-0300  
PROJECT MANAGER: JOE ZIMMER



1407 West Newport Center Drive  
Deerfield Beach, Florida 33442  
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engineering@kammconsulting.com

06/17/22

Certification of Authorization #8189

# ARQUITECTONICA

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TEL: 561.705.5353

**ARCHITECT:**  
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2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

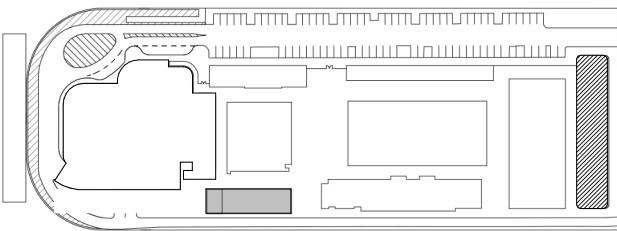
**STRUCTURAL ENGINEER:**  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

**MEP/FP ENGINEERS:**  
K&M CONSULTING  
1407 WEST NEWPORT CENTER DR.  
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**CIVIL ENGINEER:**  
KEITH  
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FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



△	DESCRIPTION	DATE
---	-------------	------

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CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:



DRAWING TITLE  
DETAILS

PROJECT NUMBER: 010326.000  
DATE: 05/26/22  
SCALE: 1/2" = 1'-0"

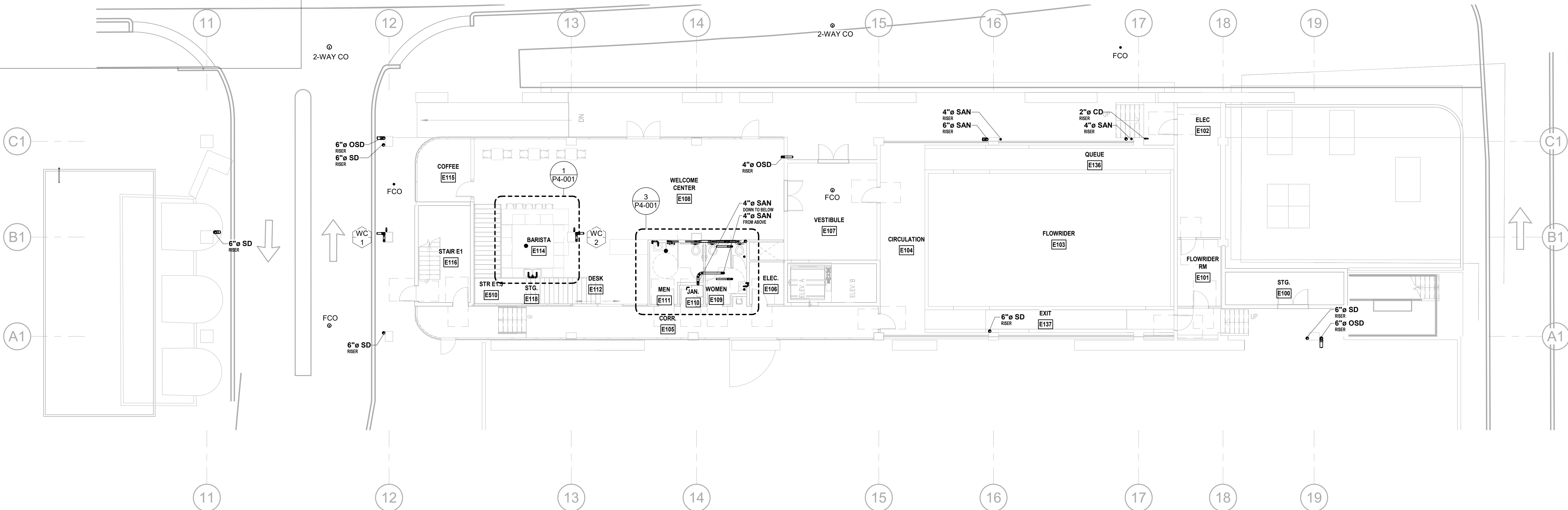
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CAM 23-0723  
Exhibit 1L  
Page 110 of 171

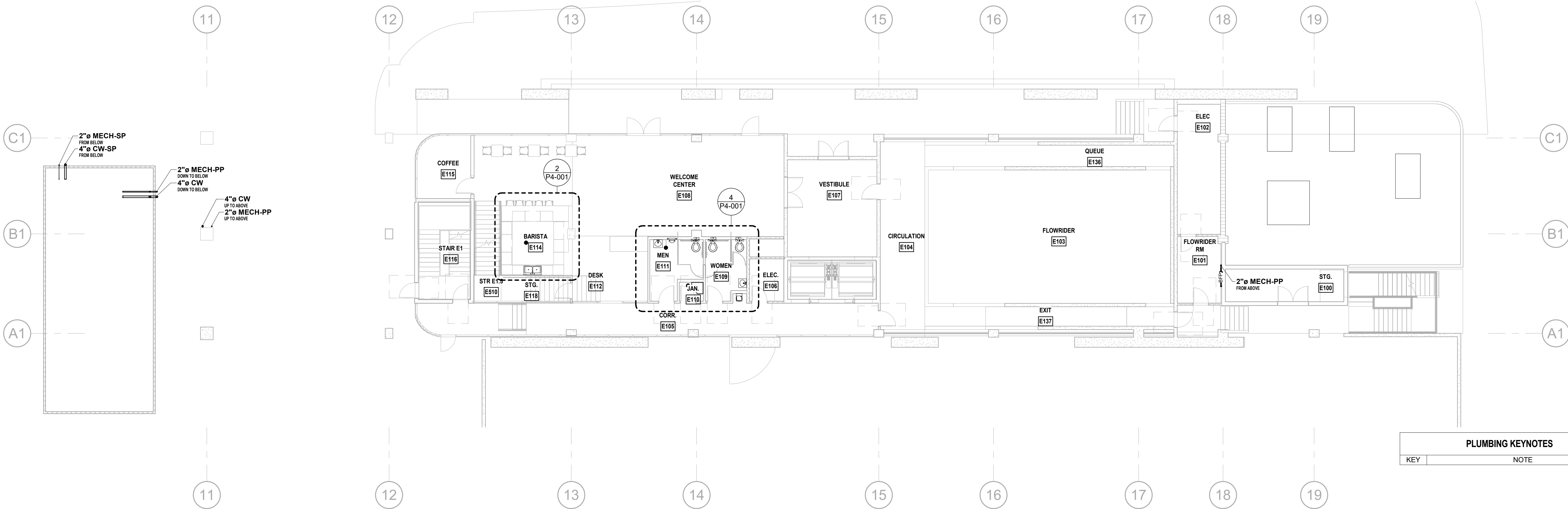


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**LEVEL 1 - EAST DRAINAGE PLAN**  
3/32" = 1'-0" NORTH



**LEVEL 1 - EAST SERVICE PLAN**  
3/32" = 1'-0" NORTH

PLUMBING KEYNOTES	
KEY	NOTE

ISSUED FOR PERMIT	-
ISSUED FOR CONSTRUCTION	-

K&M CONSULTING PROJECT #:	2020-0300
PROJECT MANAGER:	JOE ZIMMER

<b>K&amp;M</b> Consulting	1407 West Newport Center Drive Deerfield Beach, Florida 33442 Phone 954.949.2200 Fax 954.949.2201 engineering@kammconsulting.com
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PROGRESS SET  
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DATED: 06/17/22

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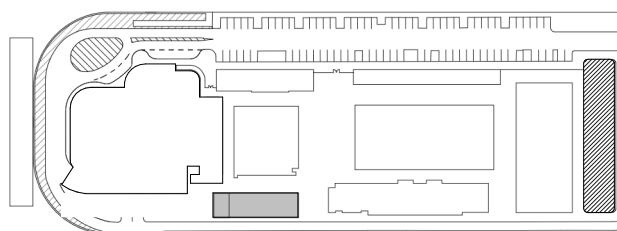
STRUCTURAL ENGINEER:  
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FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

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TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



DESCRIPTION DATE

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CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:

DRAWING TITLE

EAST BUILDING LEVEL 01 PLUMBING  
PLANS

PROJECT NUMBER: 010326.000

DATE: 05/24/22

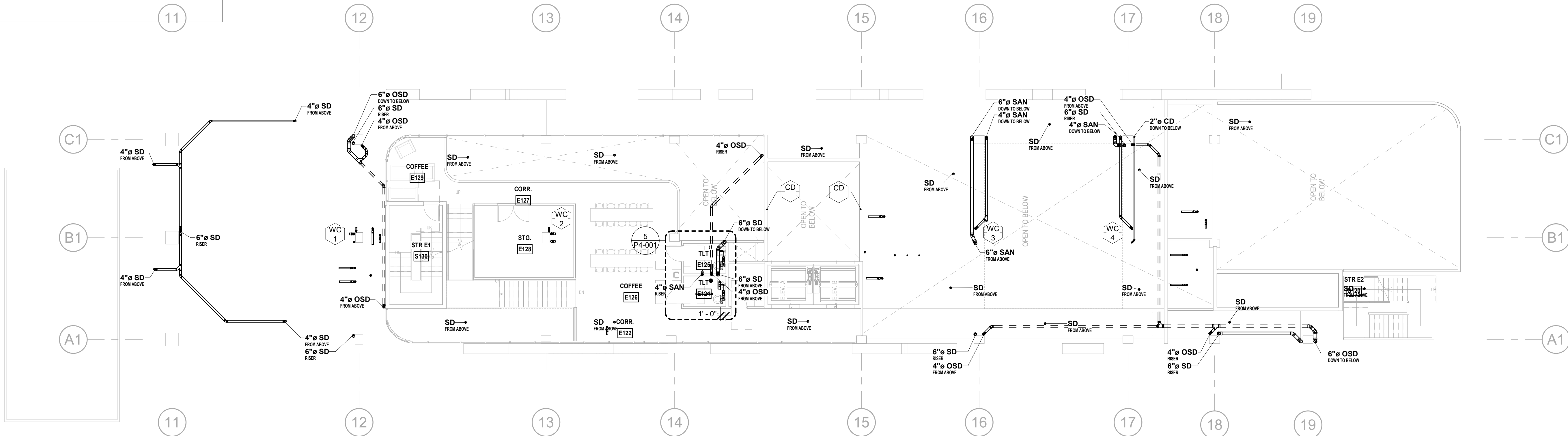
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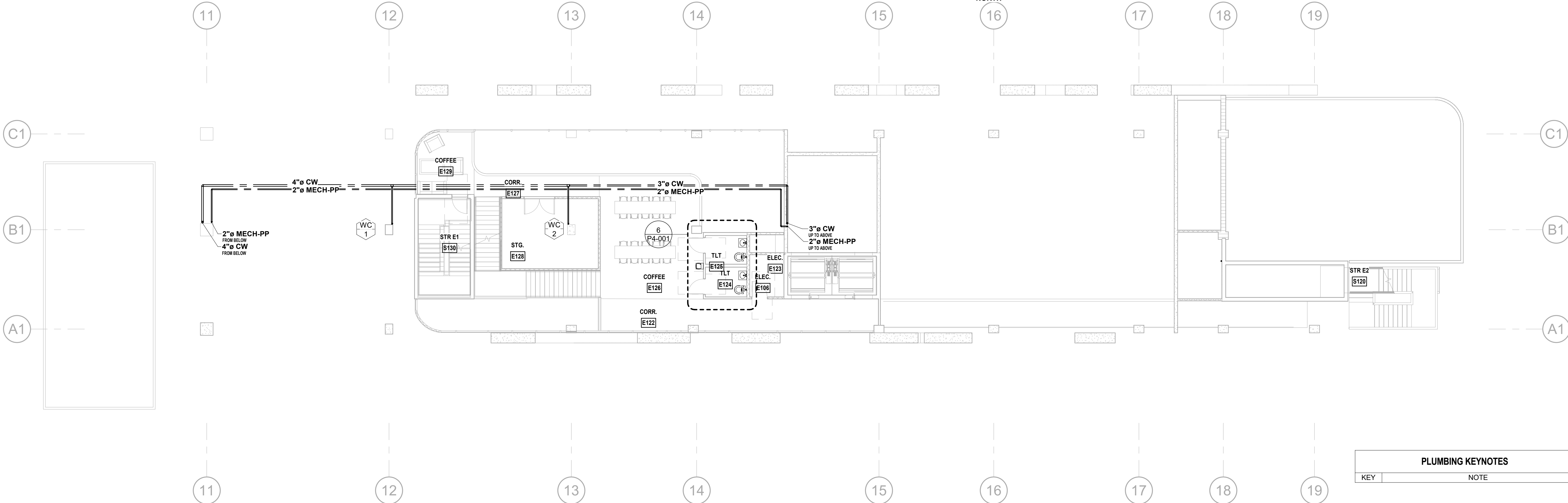
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CAM 23-0723  
Exhibit 1L  
Page 111 of 171





**LEVEL 1 MEZZ - EAST DRAINAGE PLAN**  
3/32" = 1'-0" NORTH



**LEVEL 1 MEZZ - EAST SERVICE PLAN**  
3/32" = 1'-0" NORTH

PLUMBING KEYNOTES	
KEY	NOTE

ISSUED FOR PERMIT	-
ISSUED FOR CONSTRUCTION	-

K&M CONSULTING PROJECT #:	2020-0300
PROJECT MANAGER:	JOE ZIMMER

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PROGRESS SET
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DATED: 06/17/22

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TEL: 305.372.1812

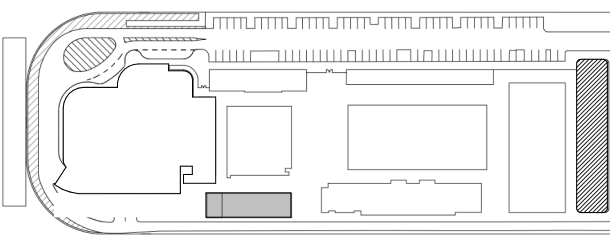
STRUCTURAL ENGINEER:  
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FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

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TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



DESCRIPTION	DATE
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CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:



DRAWING TITLE

EAST BUILDING LEVEL 01 MEZZ  
PLUMBING PLANS

PROJECT NUMBER: 010326.000

DATE: 05/24/22

SCALE: 3/32" = 1'-0"

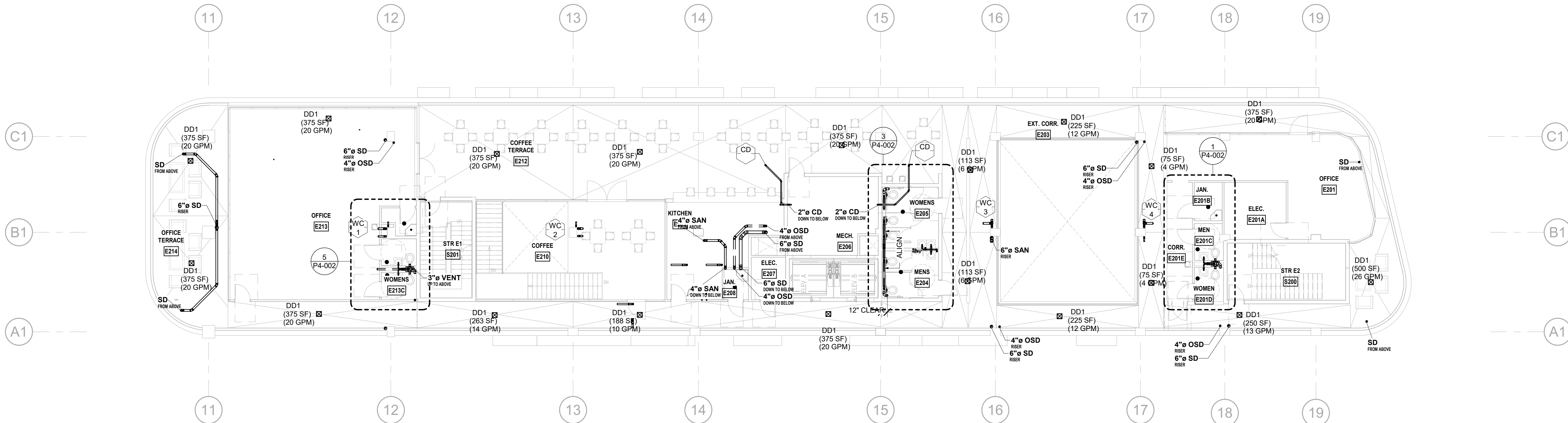
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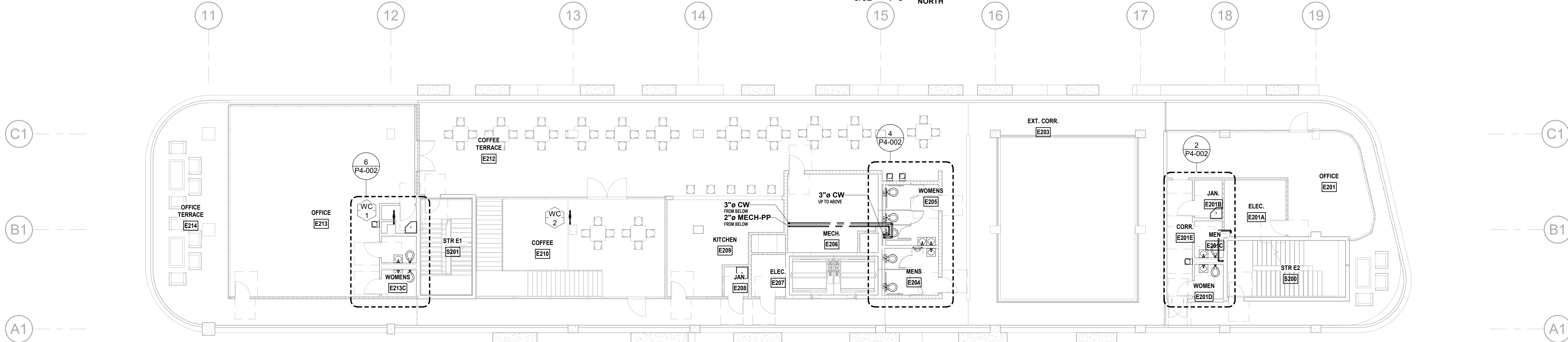


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**LEVEL 2 - EAST DRAINAGE PLAN**  
3/32" = 1'-0" NORTH



**LEVEL 2 - EAST SERVICE PLAN**  
3/32" = 1'-0" NORTH

PLUMBING KEYNOTES	
KEY	NOTE

ISSUED FOR PERMIT	-
ISSUED FOR CONSTRUCTION	-

K&M CONSULTING PROJECT #:	2020-0300
PROJECT MANAGER:	JOE ZIMMER

<b>K&amp;M</b> Consulting	1407 West Newport Center Drive Deerfield Beach, Florida 33442 Phone 954.949.2200 Fax 954.949.2201 engineering@kammconsulting.com
------------------------------	---

Certification of Authorization #8189	06/17/22
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PROGRESS SET  
NOT FOR CONSTRUCTION  
DATED: 06/17/22

**ARQUITECTONICA**

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TEL: 561.705.5353

**ARCHITECT:**  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

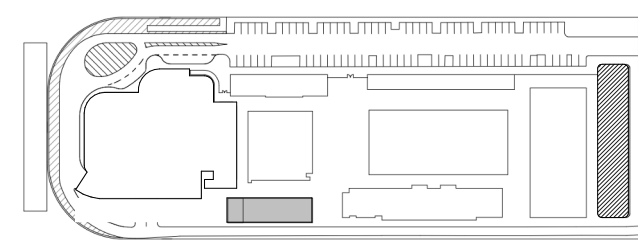
**STRUCTURAL ENGINEER:**  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

**MEP/FP ENGINEERS:**  
K&M CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

**CIVIL ENGINEER:**  
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TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



DESCRIPTION	DATE
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NOT FOR  
CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:



DRAWING TITLE

EAST BUILDING LEVEL 02 PLUMBING  
PLANS

PROJECT NUMBER: 010326.000

DATE: 05/24/22

SCALE: 3/32" = 1'-0"

SHEET

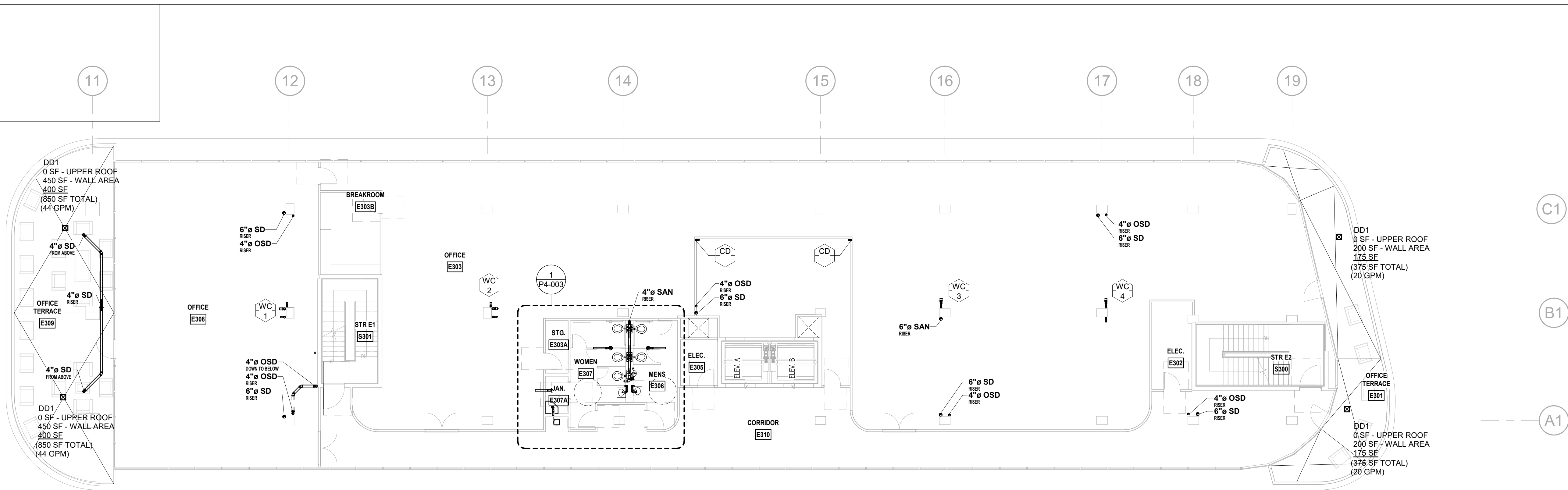
**P2-102**

CAM 23-0723  
Exhibit 1L  
Page 113 of 171

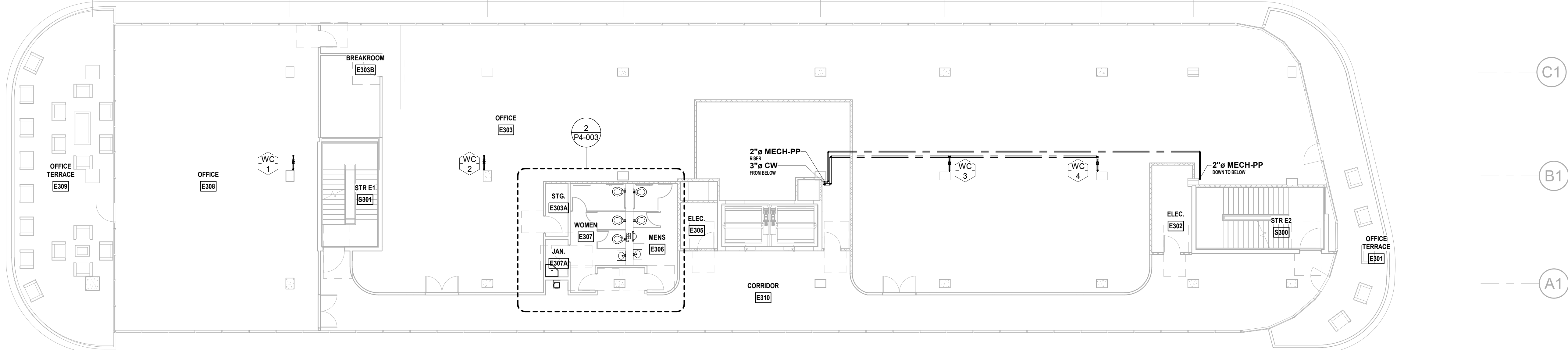


6/17/2022 11:12:20 AM

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**LEVEL 3 - EAST DRAINAGE PLAN**  
3/32" = 1'-0" NORTH



**LEVEL 3 - EAST SERVICE PLAN**  
3/32" = 1'-0" NORTH

PLUMBING KEYNOTES	
KEY	NOTE

ISSUED FOR PERMIT	-
ISSUED FOR CONSTRUCTION	-

K&M CONSULTING PROJECT #: 2020-0300  
PROJECT MANAGER: JOE ZIMMER

**K&M** Consulting  
1407 West Newport Center Drive  
Deerfield Beach, Florida 33442  
Phone 954.949.2200 Fax 954.949.2201  
engineering@kammconsulting.com

Certification of Authorization #8189

PROGRESS SET  
NOT FOR CONSTRUCTION  
DATED: 06/17/22

**ARQUITECTONICA**

OWNER:  
Capital Group P3  
55 NE 5th Avenue, Suite 501  
Boca Raton, FL 33432  
TEL: 561.705.5353

ARCHITECT:  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

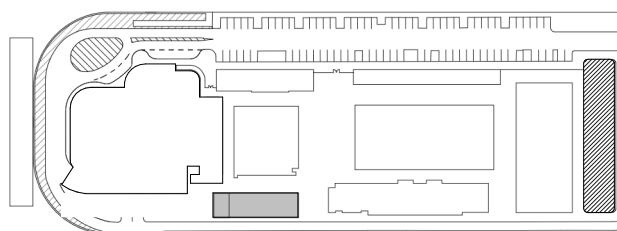
STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

MEP/FP ENGINEERS:  
K&M CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

CIVIL ENGINEER:  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



△	DESCRIPTION	DATE
---	-------------	------

NOT FOR  
CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:

DRAWING TITLE

EAST BUILDING LEVEL 03 PLUMBING  
PLANS

PROJECT NUMBER: 010326.000

DATE: 05/24/22

SCALE: 3/32" = 1'-0"

SHEET

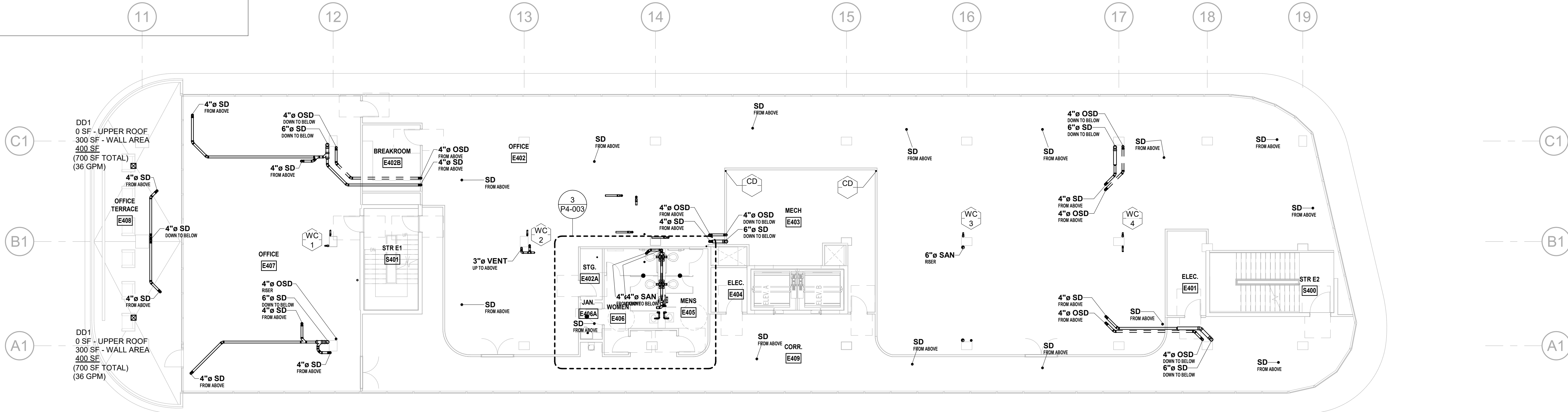
**P2-103**

CAM 23-0723  
Exhibit 1L  
Page 114 of 171

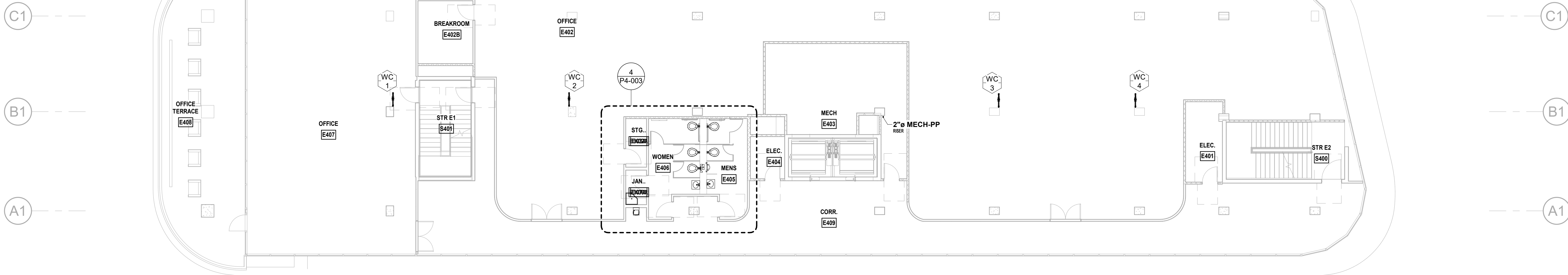


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**LEVEL 4 - EAST DRAINAGE PLAN**  
3/32" = 1'-0" NORTH



**LEVEL 4 - EAST SERVICE PLAN**  
3/32" = 1'-0" NORTH

PLUMBING KEYNOTES	
KEY	NOTE

ISSUED FOR PERMIT	-
ISSUED FOR CONSTRUCTION	-

K&M CONSULTING PROJECT #:	2020-0300
PROJECT MANAGER:	JOE ZIMMER

<b>K&amp;M</b> Consulting	1407 West Newport Center Drive Deerfield Beach, Florida 33442 Phone 954.949.2200 Fax 954.949.2201 engineering@kammconsulting.com
------------------------------	---

Certification of Authorization #8189

PROGRESS SET  
NOT FOR CONSTRUCTION  
DATED: 06/17/22

## ARQUITECTONICA

OWNER:  
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55 NE 5th Avenue, Suite 501  
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TEL: 561.705.5353

ARCHITECT:  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

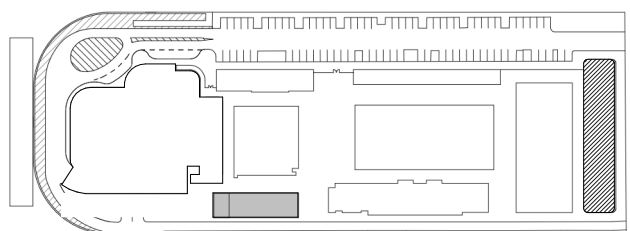
STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

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CIVIL ENGINEER:  
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FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:

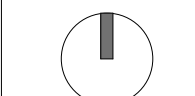


DESCRIPTION	DATE
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NOT FOR  
CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:



DRAWING TITLE  
EAST BUILDING LEVEL 04 PLUMBING  
PLANS

PROJECT NUMBER: 010326.000

DATE: 05/24/22

SCALE: 3/32" = 1'-0"

SHEET

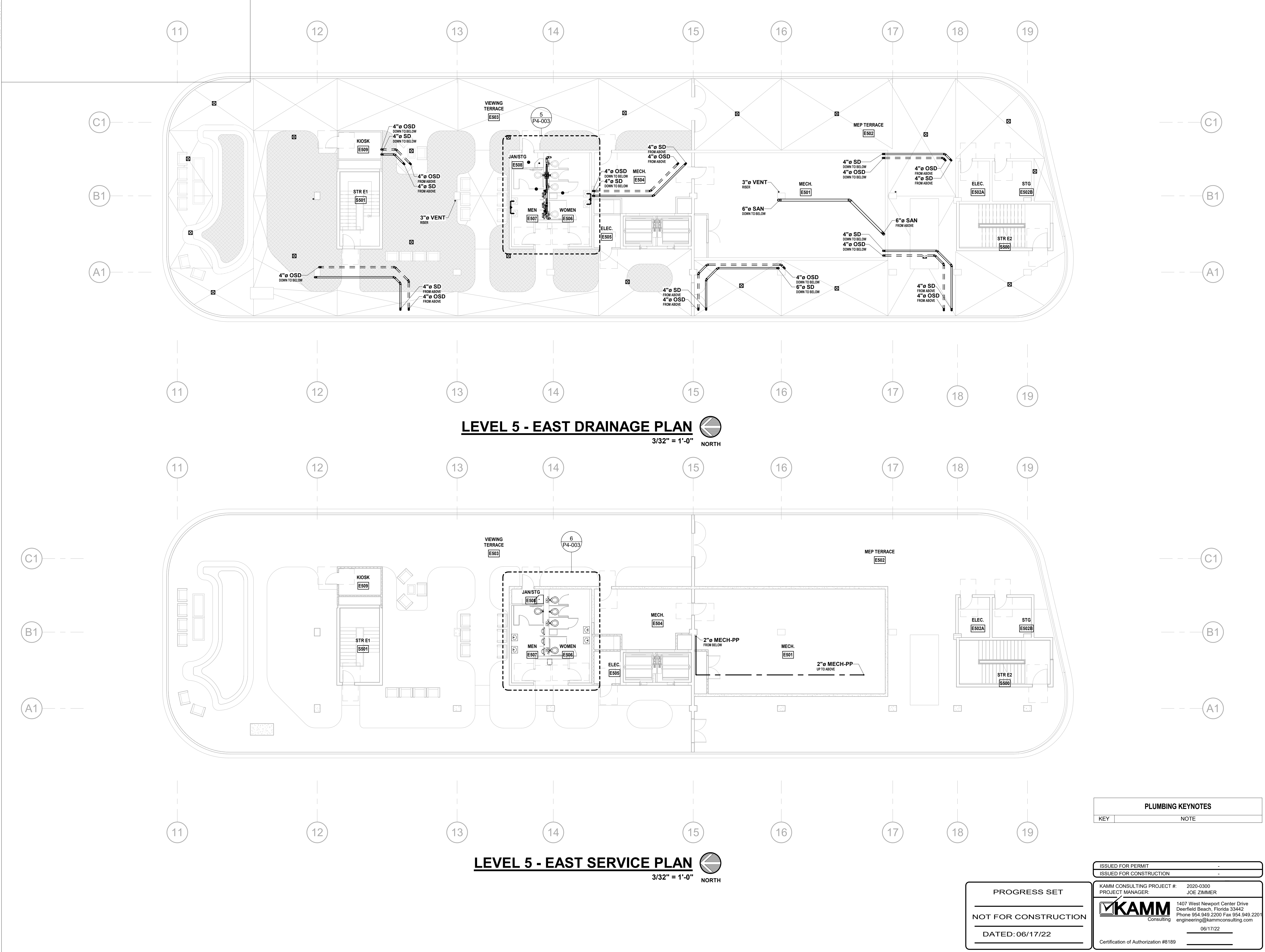
**P2-104**

CAM 23-0723  
Exhibit 1L  
Page 115 of 171



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**LEVEL 5 - EAST DRAINAGE PLAN**  
3/32" = 1'-0" NORTH

**LEVEL 5 - EAST SERVICE PLAN**  
3/32" = 1'-0" NORTH

PLUMBING KEYNOTES	
KEY	NOTE

ISSUED FOR PERMIT	-
ISSUED FOR CONSTRUCTION	-

K&M CONSULTING PROJECT #:	2020-0300
PROJECT MANAGER:	JOE ZIMMER

<b>K&amp;M</b> Consulting	1407 West Newport Center Drive Deerfield Beach, Florida 33442 Phone 954.949.2200 Fax 954.949.2201 engineering@kammconsulting.com
------------------------------	---

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06/17/22

PROGRESS SET  
NOT FOR CONSTRUCTION  
DATED: 06/17/22

**ARQUITECTONICA**

OWNER:  
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TEL: 561.705.5353

ARCHITECT:  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

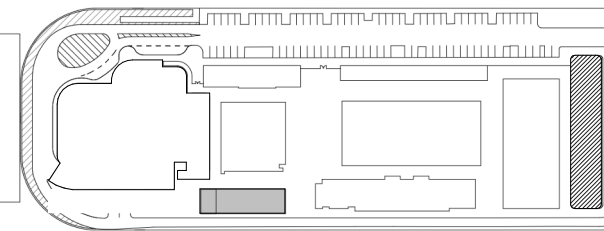
STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

MEP/FP ENGINEERS:  
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1407 WEST NEWPORT CENTER DR.  
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CIVIL ENGINEER:  
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FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



△ DESCRIPTION DATE

**NOT FOR CONSTRUCTION**

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PROJECT NORTH:



DRAWING TITLE  
**EAST BUILDING LEVEL 05 PLUMBING PLANS**

PROJECT NUMBER: 010326.000

DATE: 05/24/22

SCALE: 3/32" = 1'-0"

SHEET

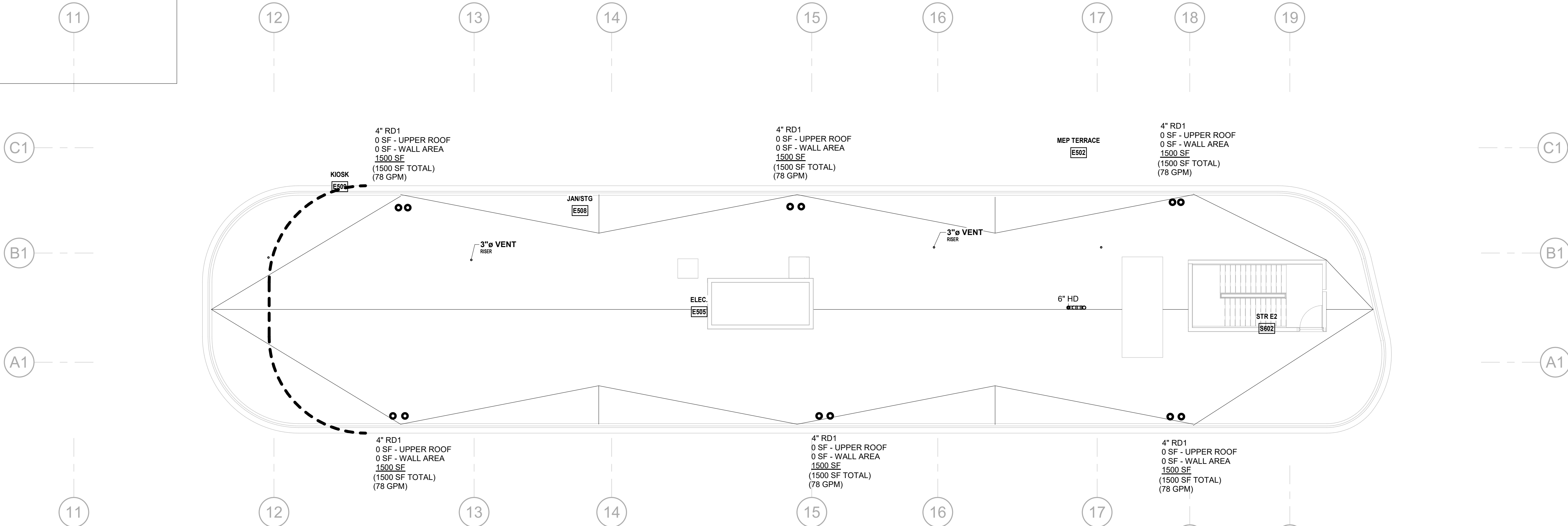
**P2-105**

CAM 23-0723  
Exhibit 1L  
Page 116 of 171

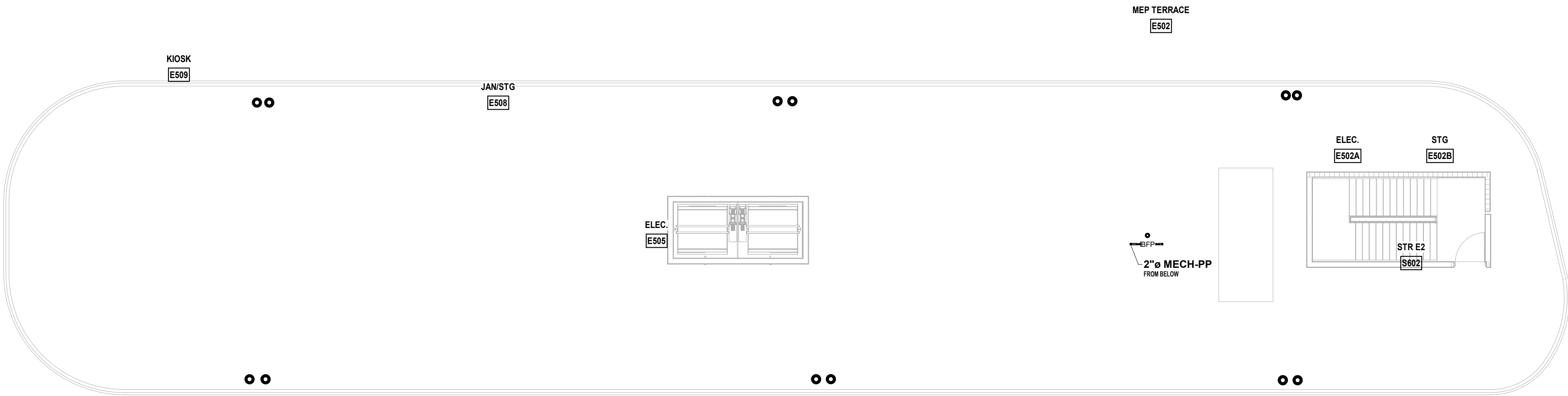


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ROOF - EAST DRAINAGE PLAN  
3/32" = 1'-0" NORTH



ROOF - EAST SERVICE PLAN  
3/32" = 1'-0" NORTH



PLUMBING KEYNOTES	
KEY	NOTE

ISSUED FOR PERMIT	-
ISSUED FOR CONSTRUCTION	-

KAMM CONSULTING PROJECT #:	2020-0300
PROJECT MANAGER:	JOE ZIMMER

	1407 West Newport Center Drive Deerfield Beach, Florida 33442 Phone 954.949.2200 Fax 954.949.2201 engineering@kammconsulting.com
--	---

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PROGRESS SET
NOT FOR CONSTRUCTION
DATED: 06/17/22

## ARQUITECTONICA

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Boca Raton, FL 33432  
TEL: 561.705.5353

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ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

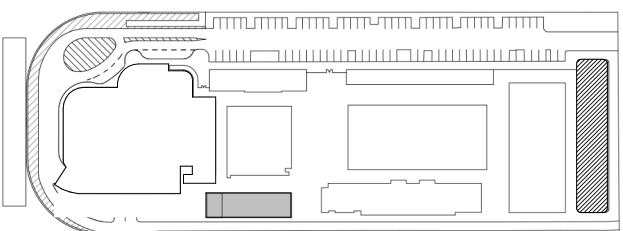
STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

MEP/FP ENGINEERS:  
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CIVIL ENGINEER:  
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FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:

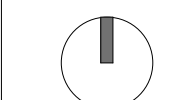


△	DESCRIPTION	DATE
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NOT FOR  
CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:



DRAWING TITLE  
EAST BUILDING ROOF LEVEL  
PLUMBING PLANS

PROJECT NUMBER: 010326.000

DATE: 05/24/22

SCALE: 3/32" = 1'-0"

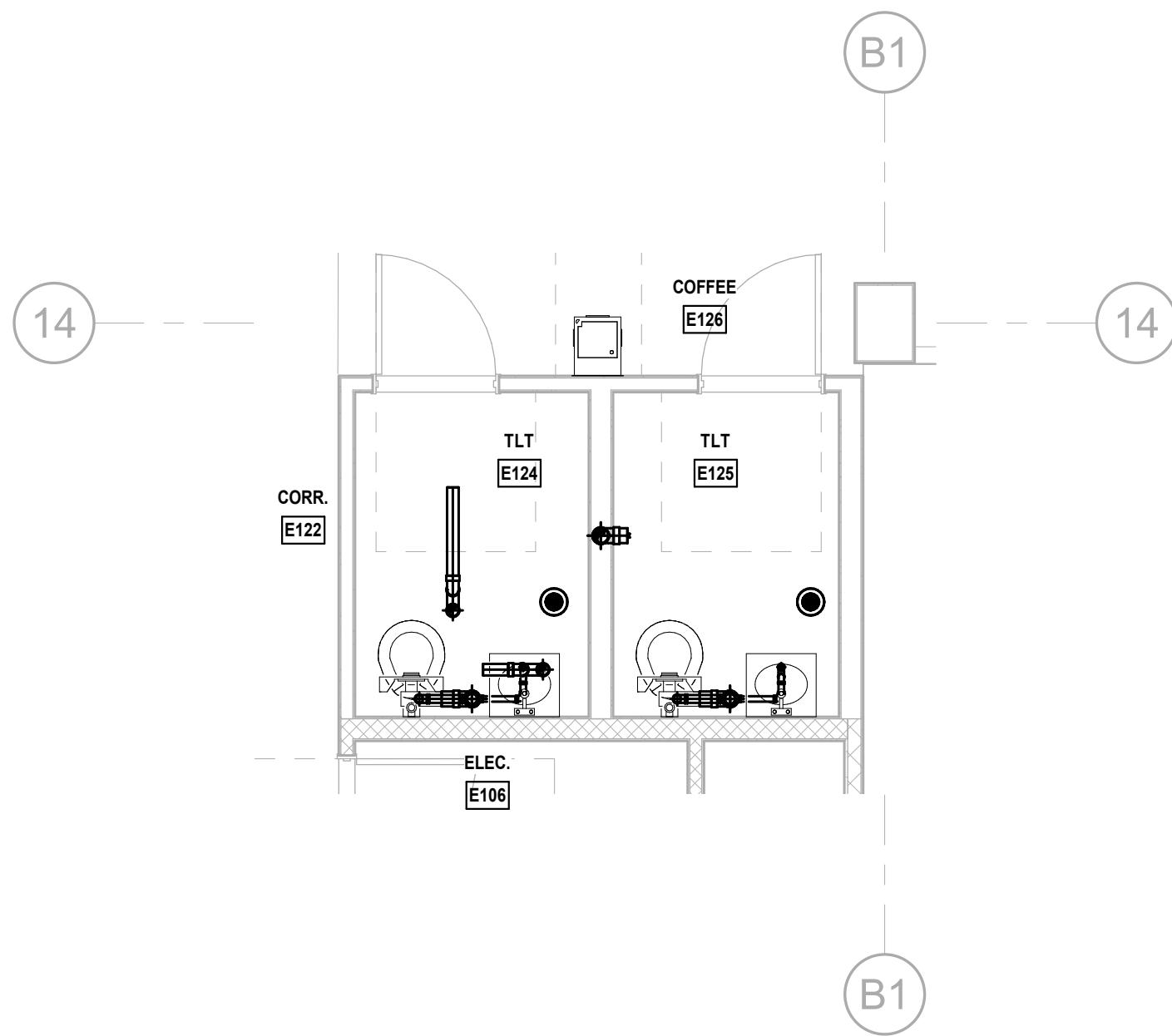
SHEET

P2-106

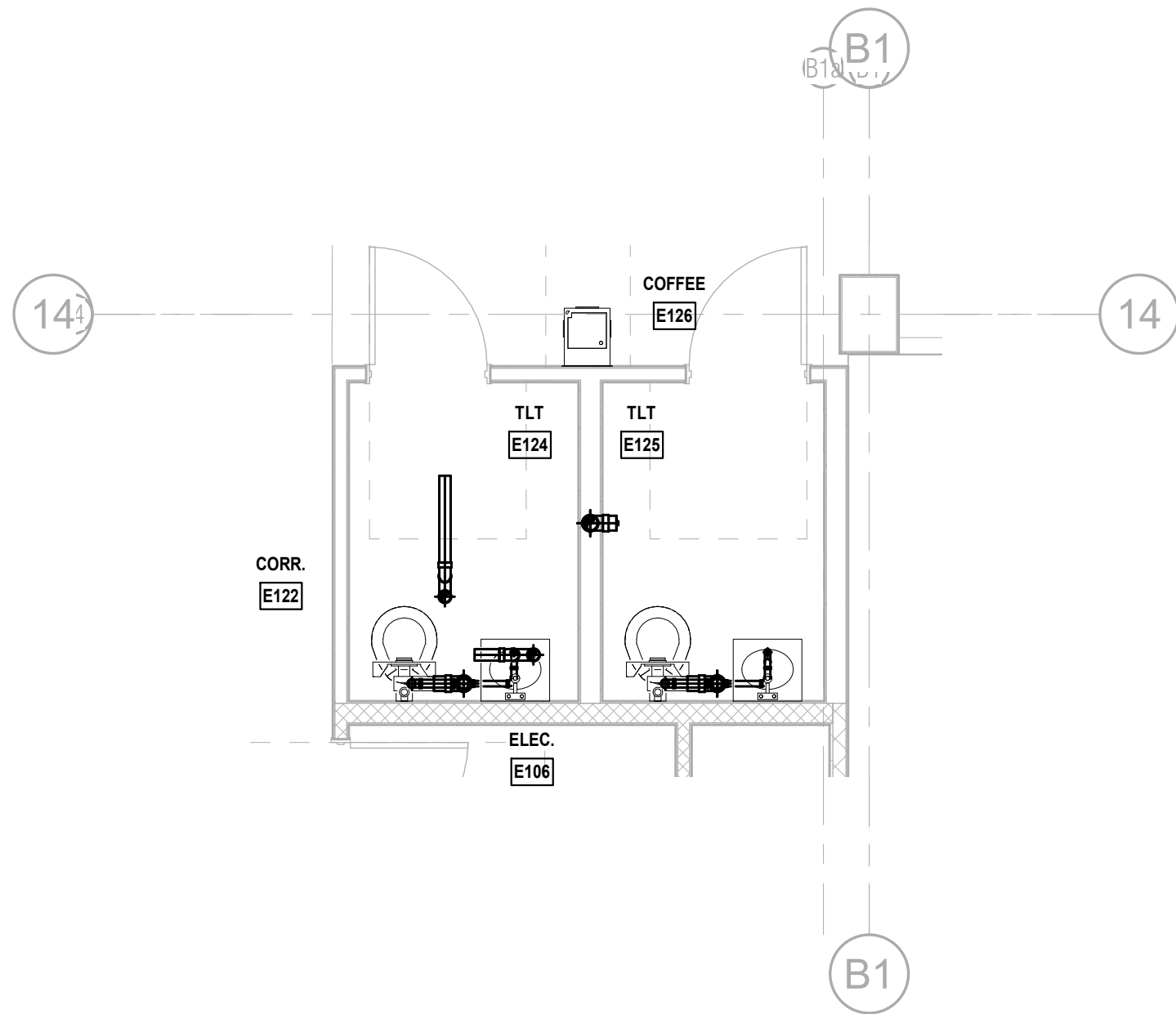
CAM 23-0723  
Exhibit 1L  
Page 117 of 171



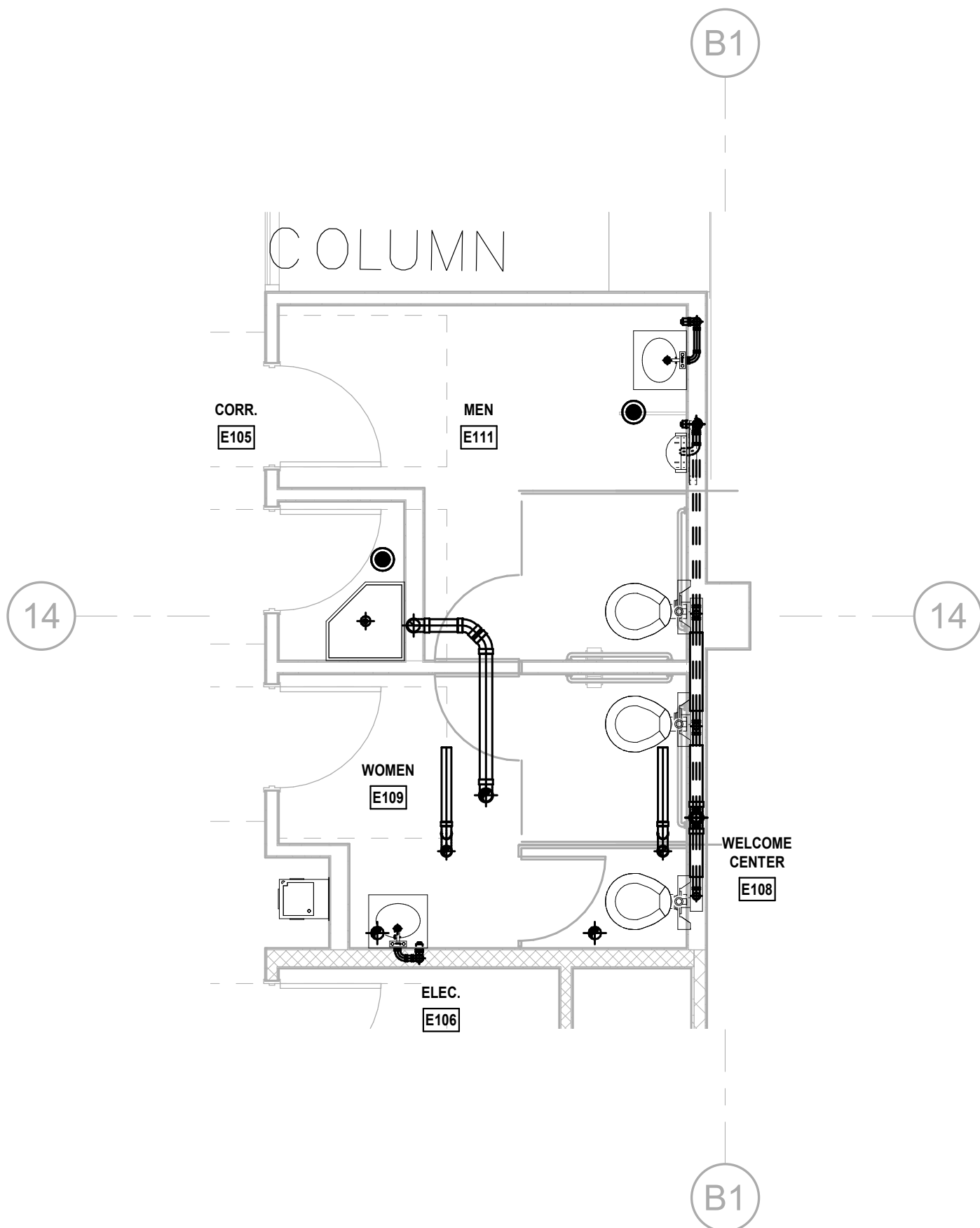
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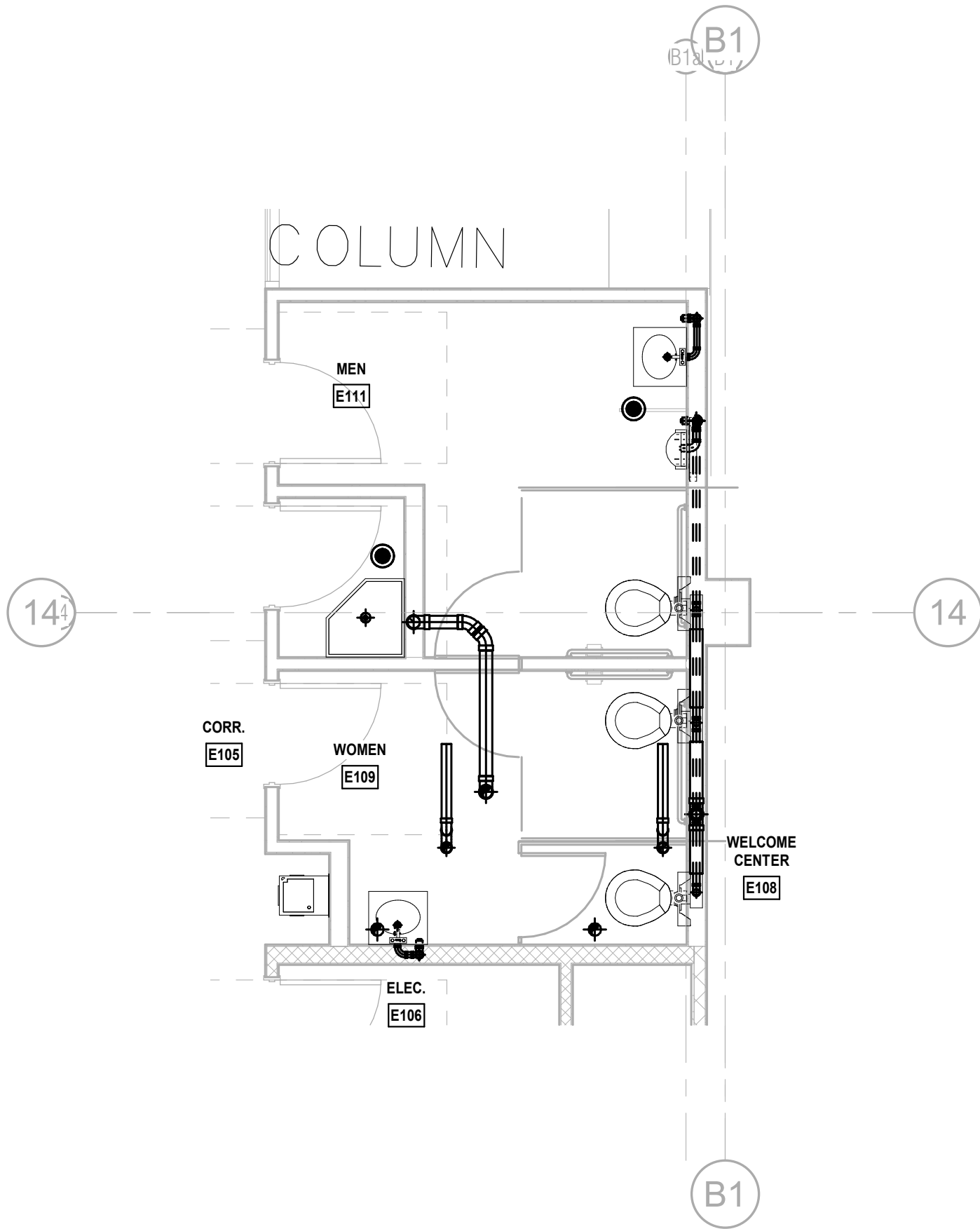
**LEVEL 1 MEZZ - TLT 124, 125 DRAINAGE PLAN**  
1/4" = 1'-0" NORTH



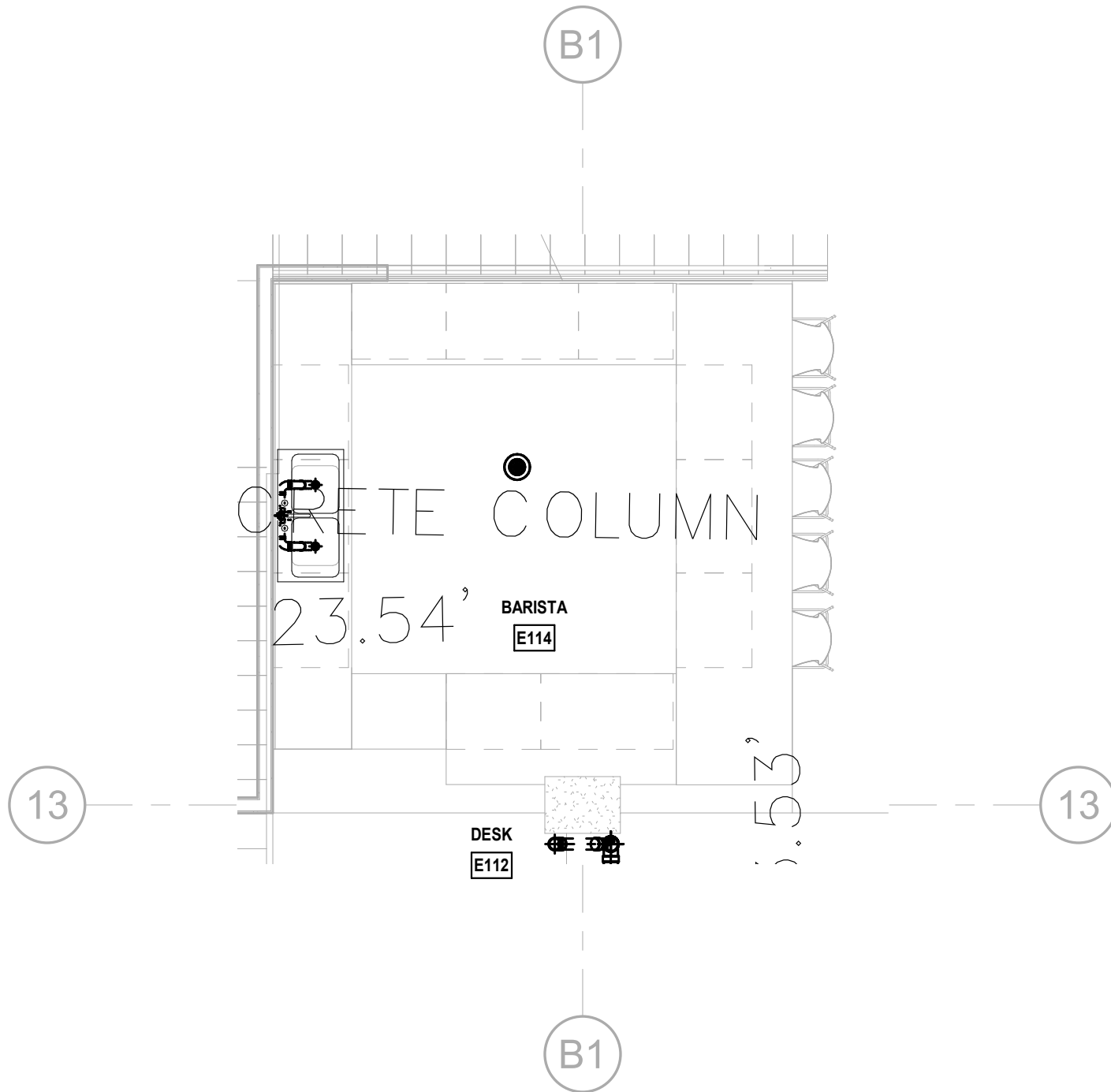
**LEVEL 1 MEZZ - TLT 124, 125 SERVICE PLAN**  
1/4" = 1'-0" NORTH



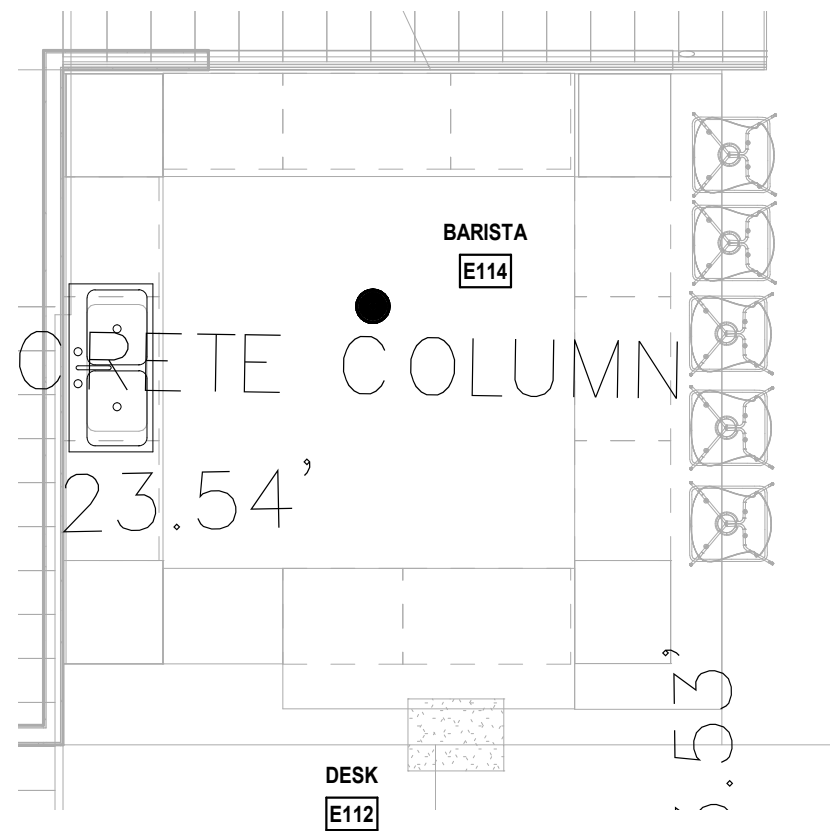
**LEVEL 1 - E109 AND E111 DRAINAGE PLAN**  
1/4" = 1'-0" NORTH



**LEVEL 1 - E109 AND E111 SERVICE PLAN**  
1/4" = 1'-0" NORTH



**LEVEL 1 - BARISTA DRAINAGE PLAN**  
1/4" = 1'-0" NORTH



**LEVEL 1 - BARISTA SERVICE PLAN**  
1/4" = 1'-0" NORTH

PLUMBING KEYNOTES	
KEY	NOTE

PROGRESS SET  
NOT FOR CONSTRUCTION  
DATED: 06/17/22

ISSUED FOR PERMIT  
ISSUED FOR CONSTRUCTION

KAMM CONSULTING PROJECT #:  
PROJECT MANAGER: JOE ZIMMER

**KAMM**  
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engineering@kammconsulting.com  
06/17/22  
Certification of Authorization #8189

# ARQUITECTONICA

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TEL: 561.705.5353

**ARCHITECT:**  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

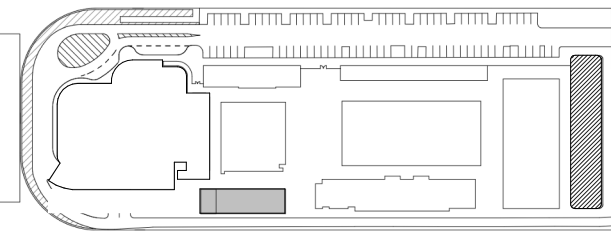
**STRUCTURAL ENGINEER:**  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

**MEP/FP ENGINEERS:**  
KAMM CONSULTING  
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DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

**CIVIL ENGINEER:**  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:

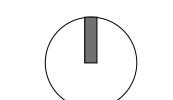


△	DESCRIPTION	DATE
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NOT FOR  
CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:



DRAWING TITLE  
ENLARGED PLUMBING PLANS

PROJECT NUMBER: 010326.000  
DATE: 05/24/22  
SCALE: 1/4" = 1'-0"

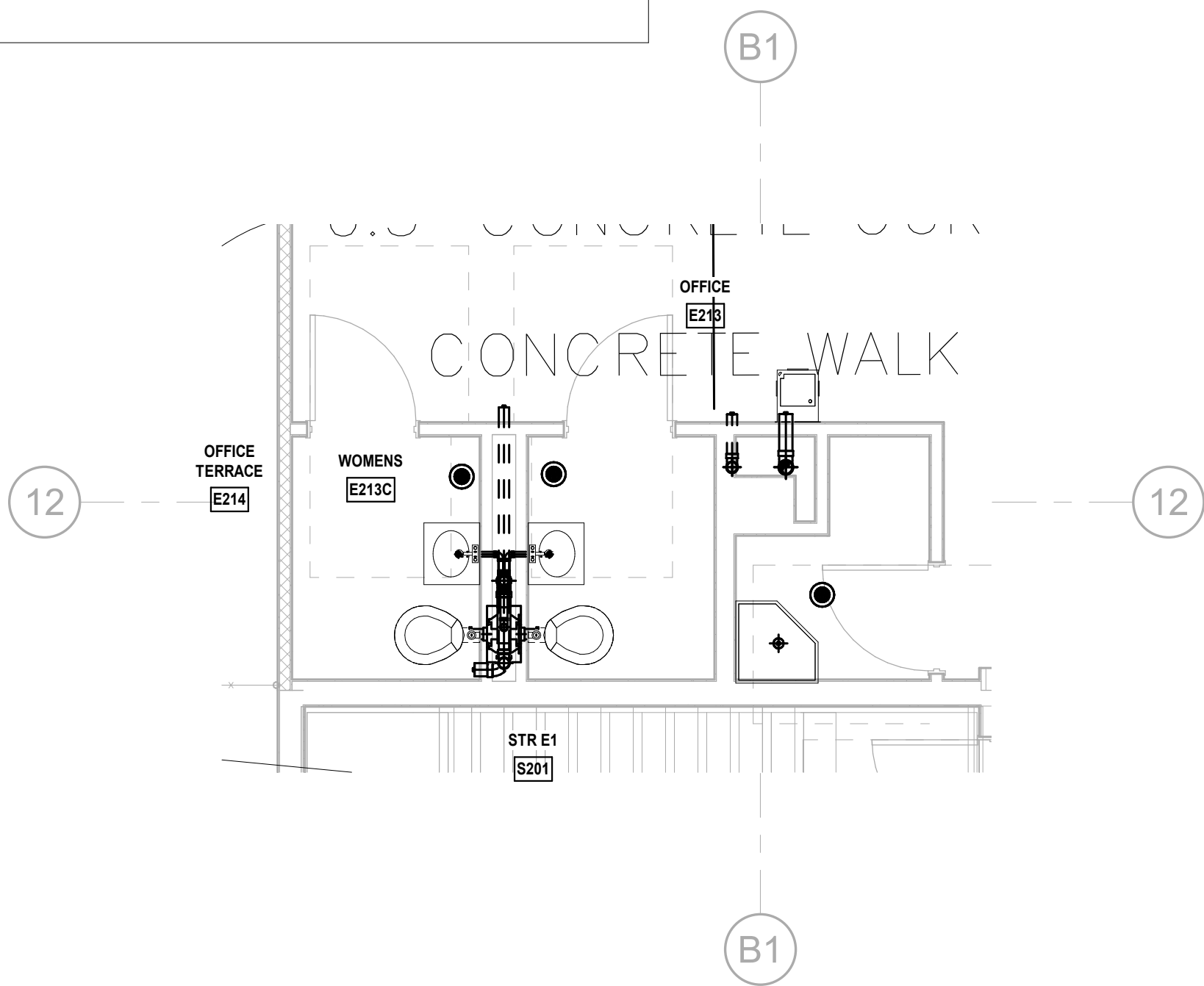
SHEET  
**P4-001**

CAM 23-0723  
Exhibit 1L  
Page 118 of 171

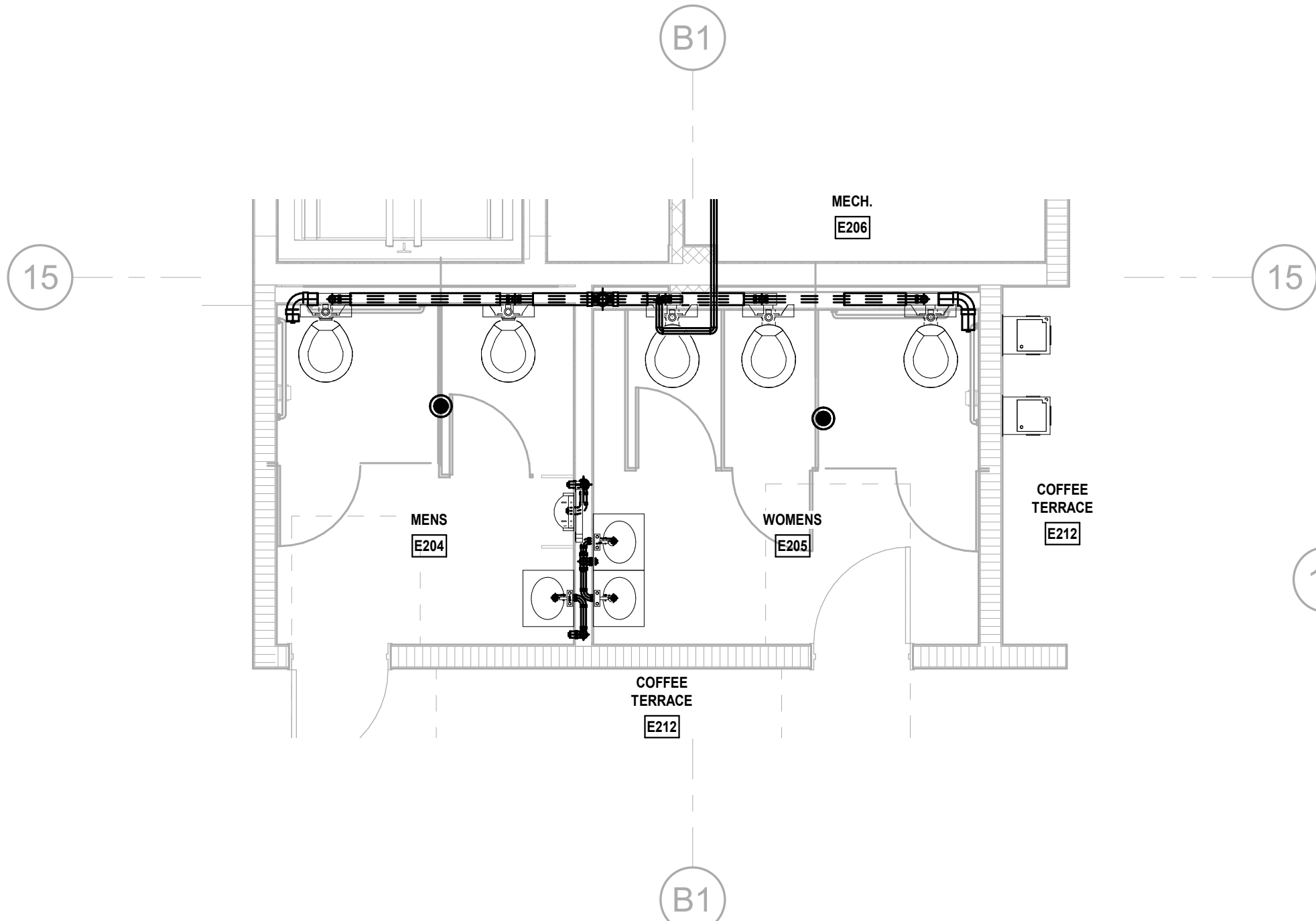
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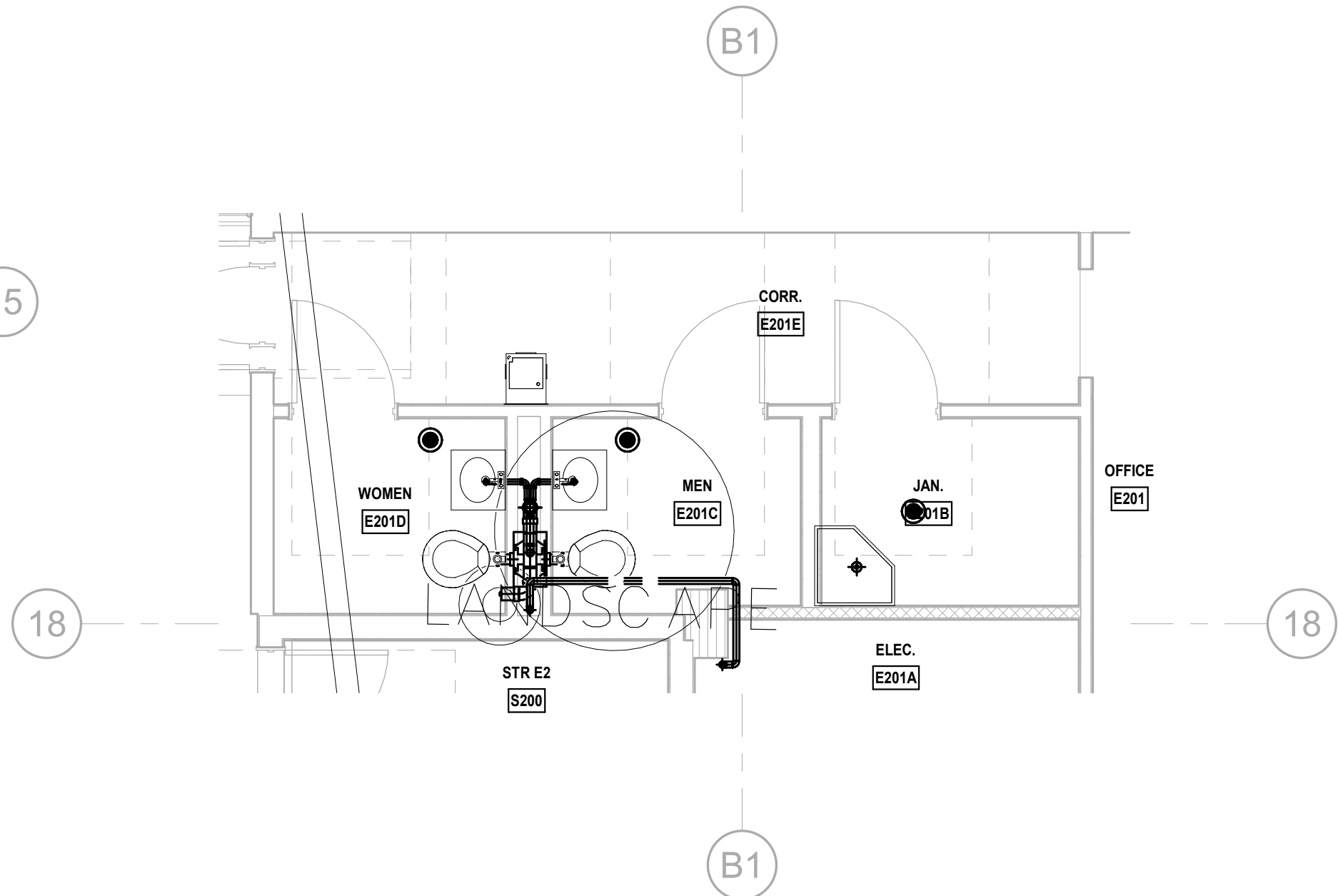
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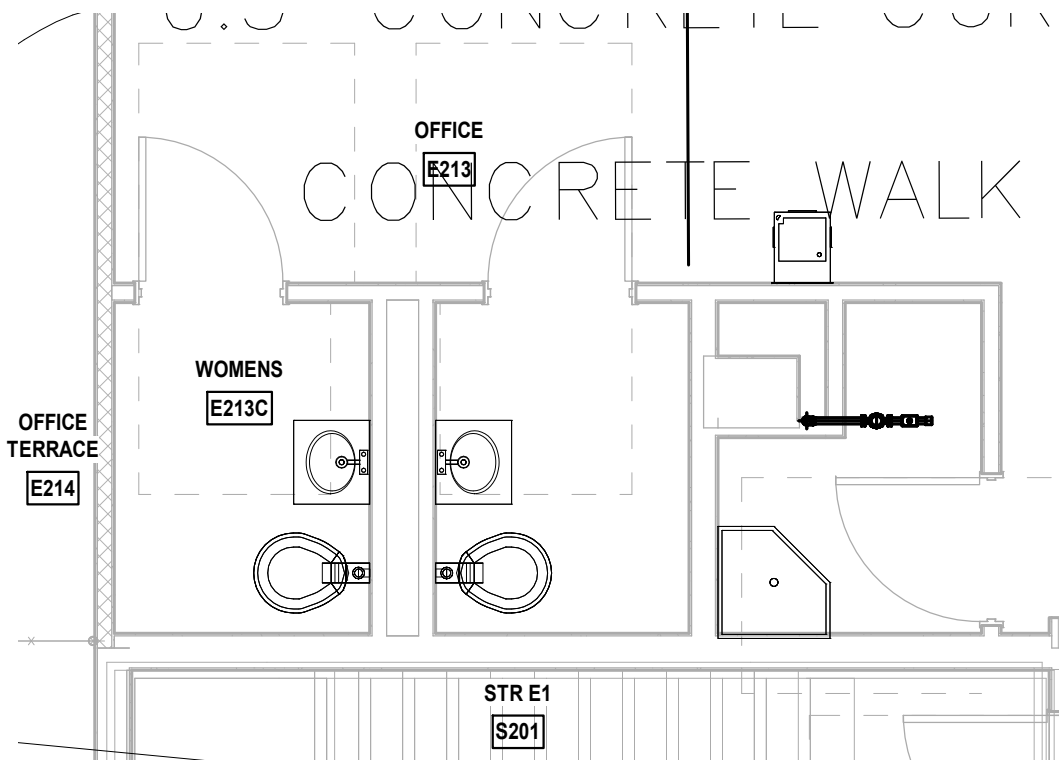
**LEVEL 2 - E213C, E213B, E213A DRAINAGE PLAN**  
1/4" = 1'-0" NORTH



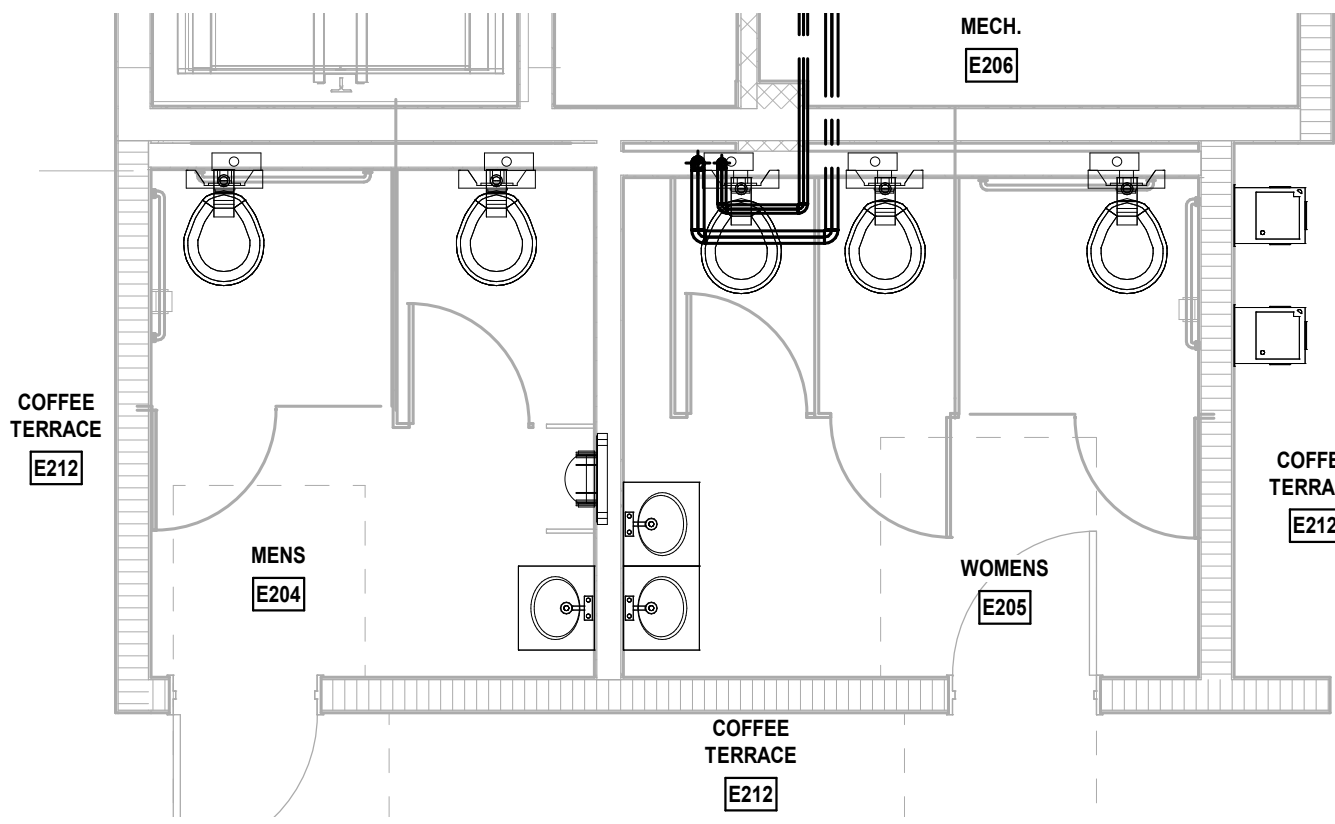
**LEVEL 2 - E205 AND E204 DRAINAGE PLAN**  
1/4" = 1'-0" NORTH



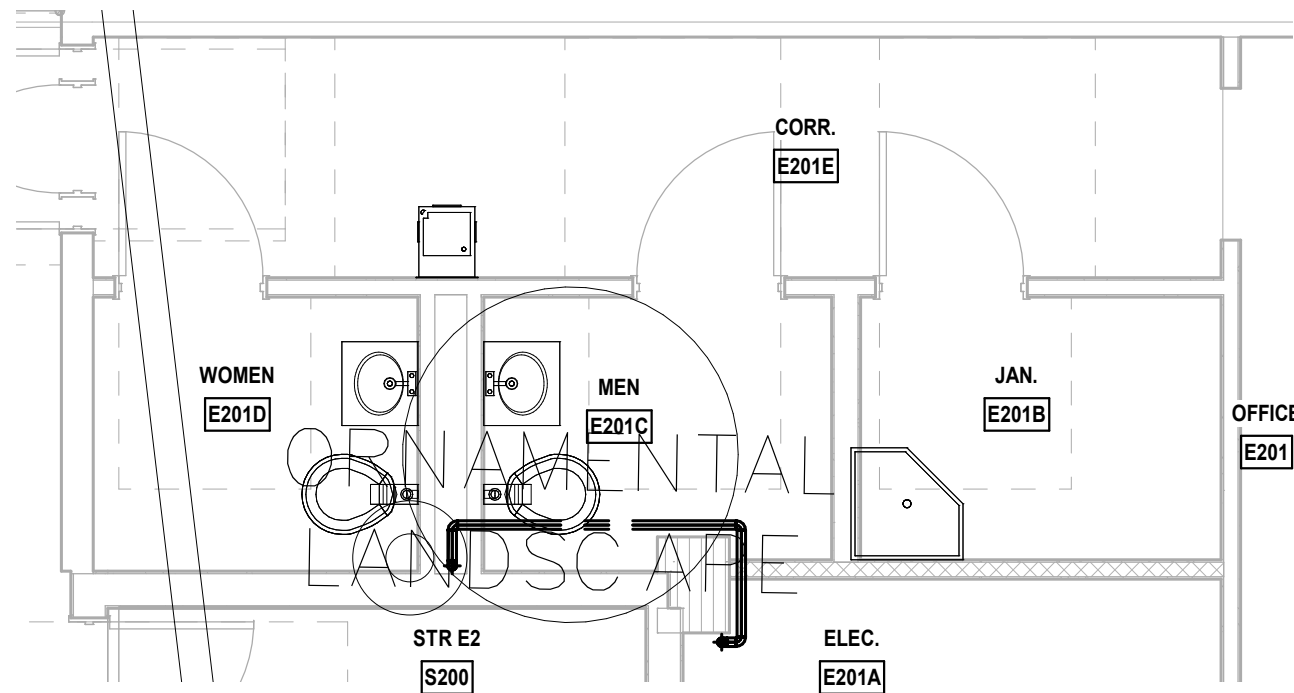
**LEVEL 2 - E201B, E201C, AND E201D DRAINAGE PLAN**  
1/4" = 1'-0" NORTH



**LEVEL 2 - E213C, E213B, E213A SERVICE PLAN**  
1/4" = 1'-0" NORTH



**LEVEL 2 - E205 AND E204 SERVICE PLAN**  
1/4" = 1'-0" NORTH



**LEVEL 2 - E201B, E201C, AND E201D SERVICE PLAN**  
1/4" = 1'-0" NORTH

PLUMBING KEYNOTES	
KEY	NOTE

PROGRESS SET  
NOT FOR CONSTRUCTION  
DATED: 06/17/22

ISSUED FOR PERMIT	-
ISSUED FOR CONSTRUCTION	-
KAMM CONSULTING PROJECT #:	2020-0300
PROJECT MANAGER:	JOE ZIMMER
	1407 West Newport Center Drive Deerfield Beach, Florida 33442 Phone 954.949.2200 Fax 954.949.2201 engineering@kammconsulting.com
Certification of Authorization #8189	06/17/22

# ARQUITECTONICA

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**ARCHITECT:**  
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2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

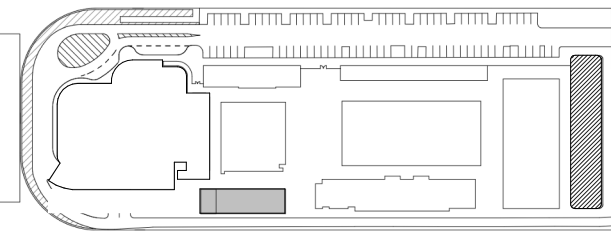
**STRUCTURAL ENGINEER:**  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

**MEP/FP ENGINEERS:**  
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DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

**CIVIL ENGINEER:**  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



DESCRIPTION	DATE
-------------	------

NOT FOR CONSTRUCTION

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PROJECT NORTH:



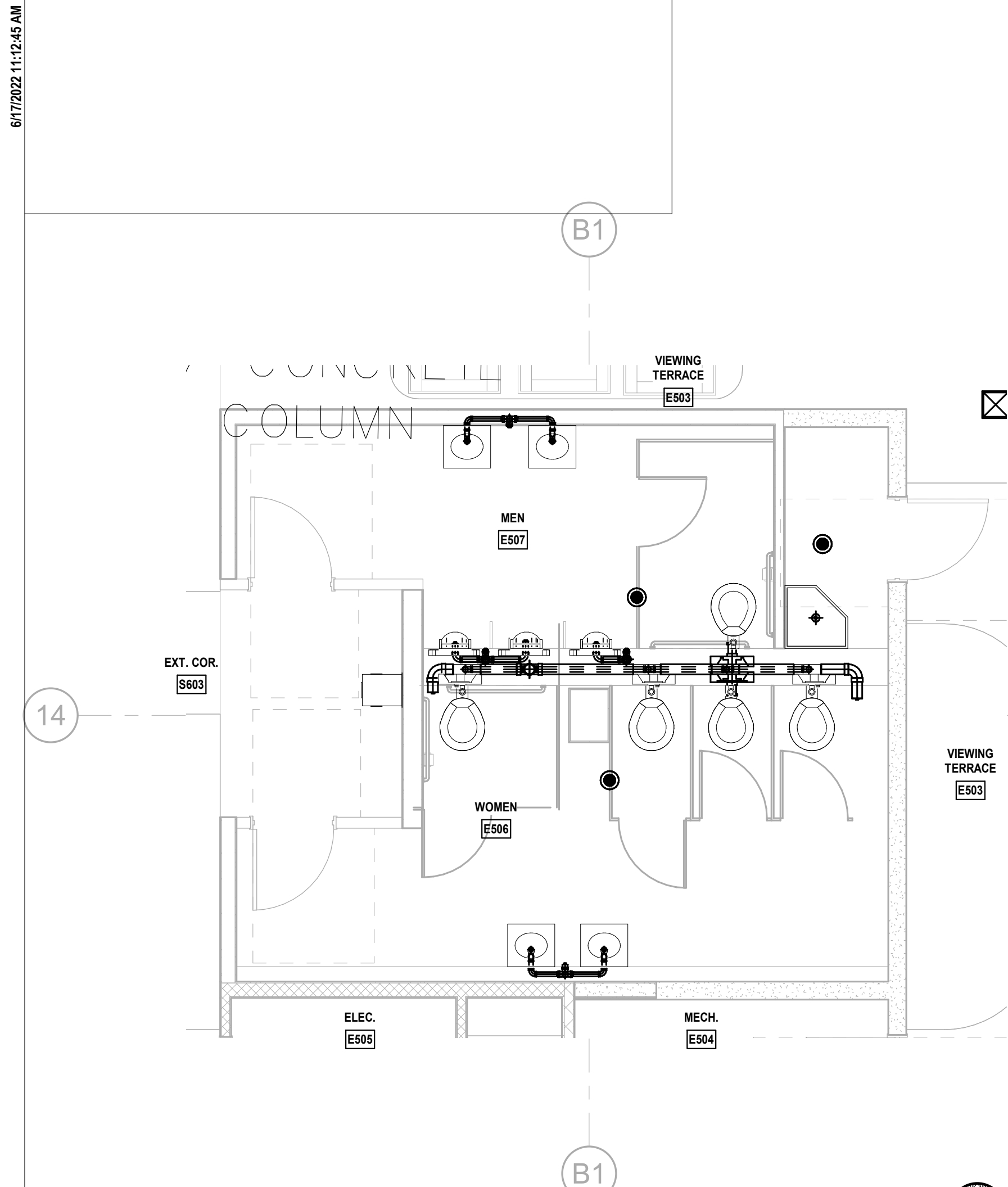
DRAWING TITLE  
ENLARGED PLUMBING PLANS

PROJECT NUMBER: 010326.000  
DATE: 05/24/22  
SCALE: 1/4" = 1'-0"

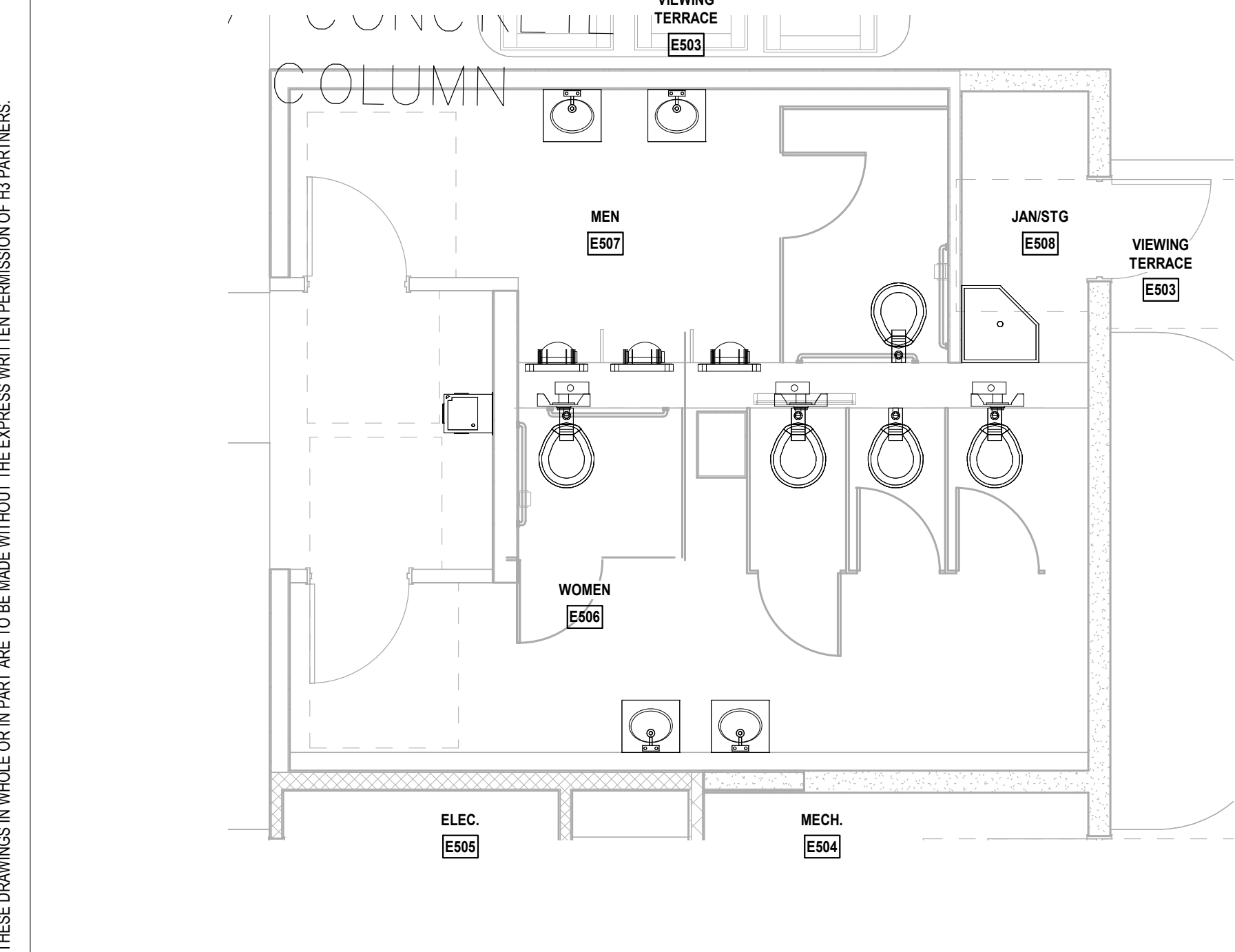
SHEET  
**P4-002**



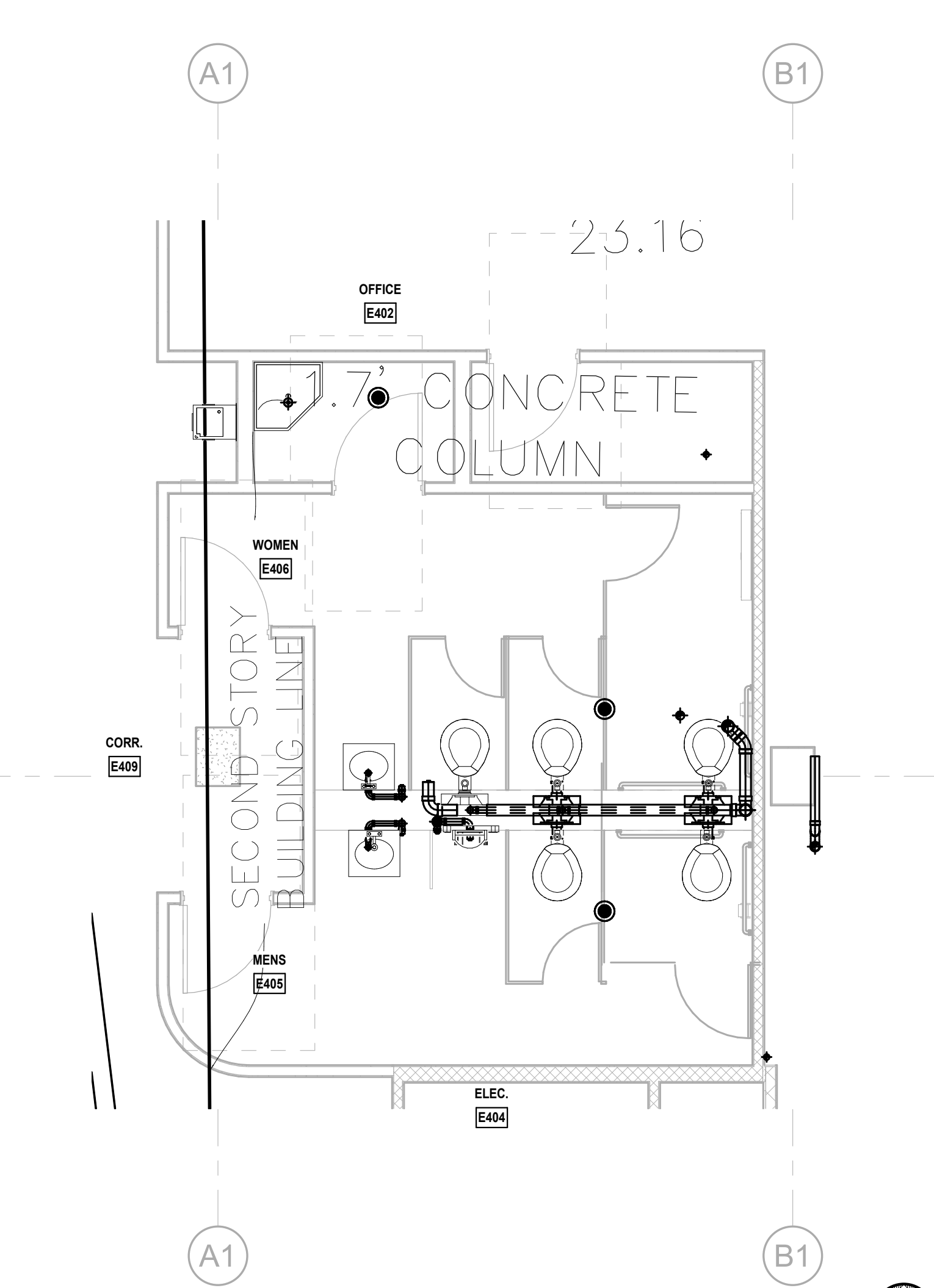
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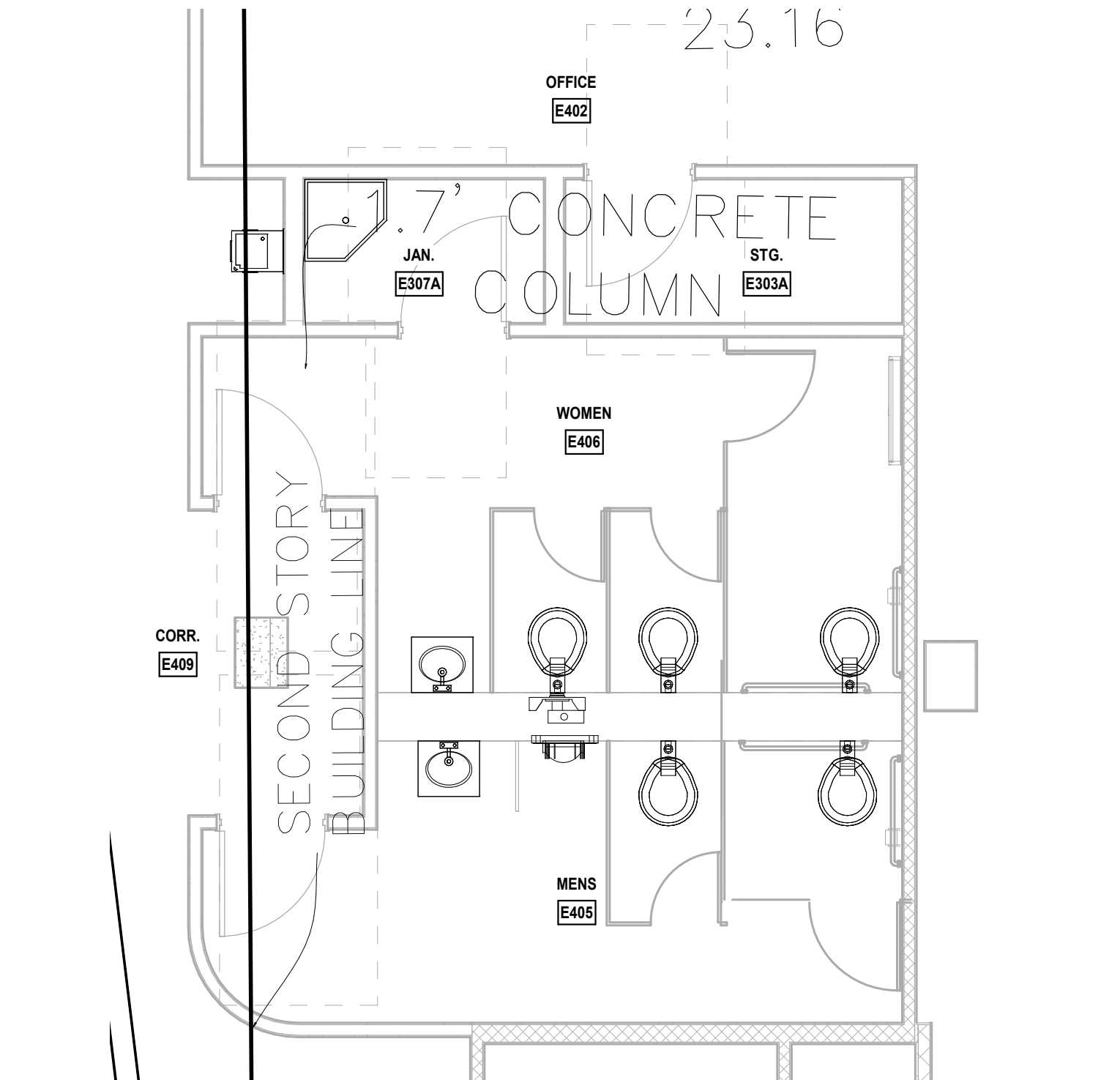
**LEVEL 5 - E506 AND E507 DRAINAGE PLAN**  
1/4" = 1'-0" NORTH



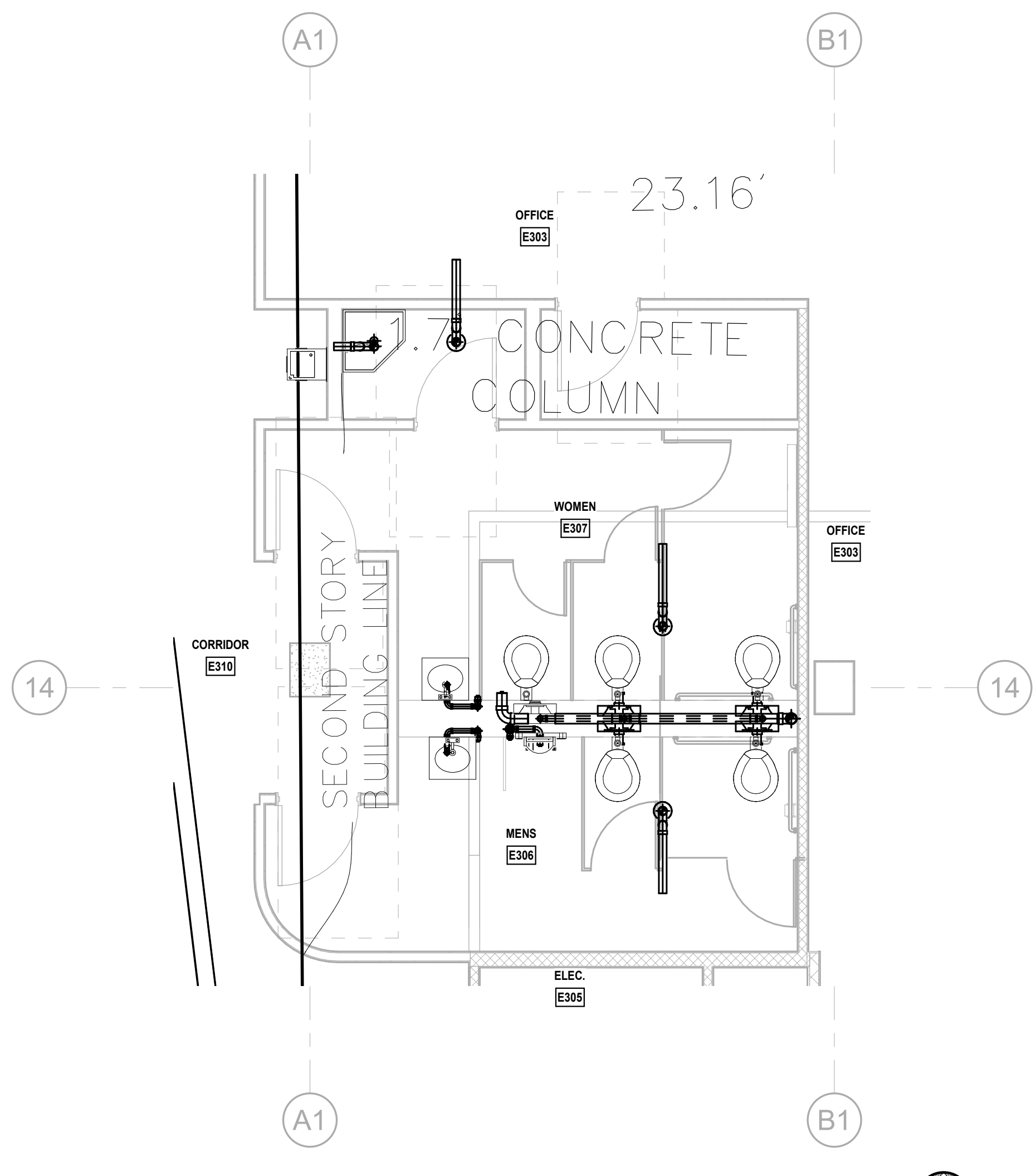
**LEVEL 5 - E506 AND E507 SERVICE PLAN**  
1/4" = 1'-0" NORTH



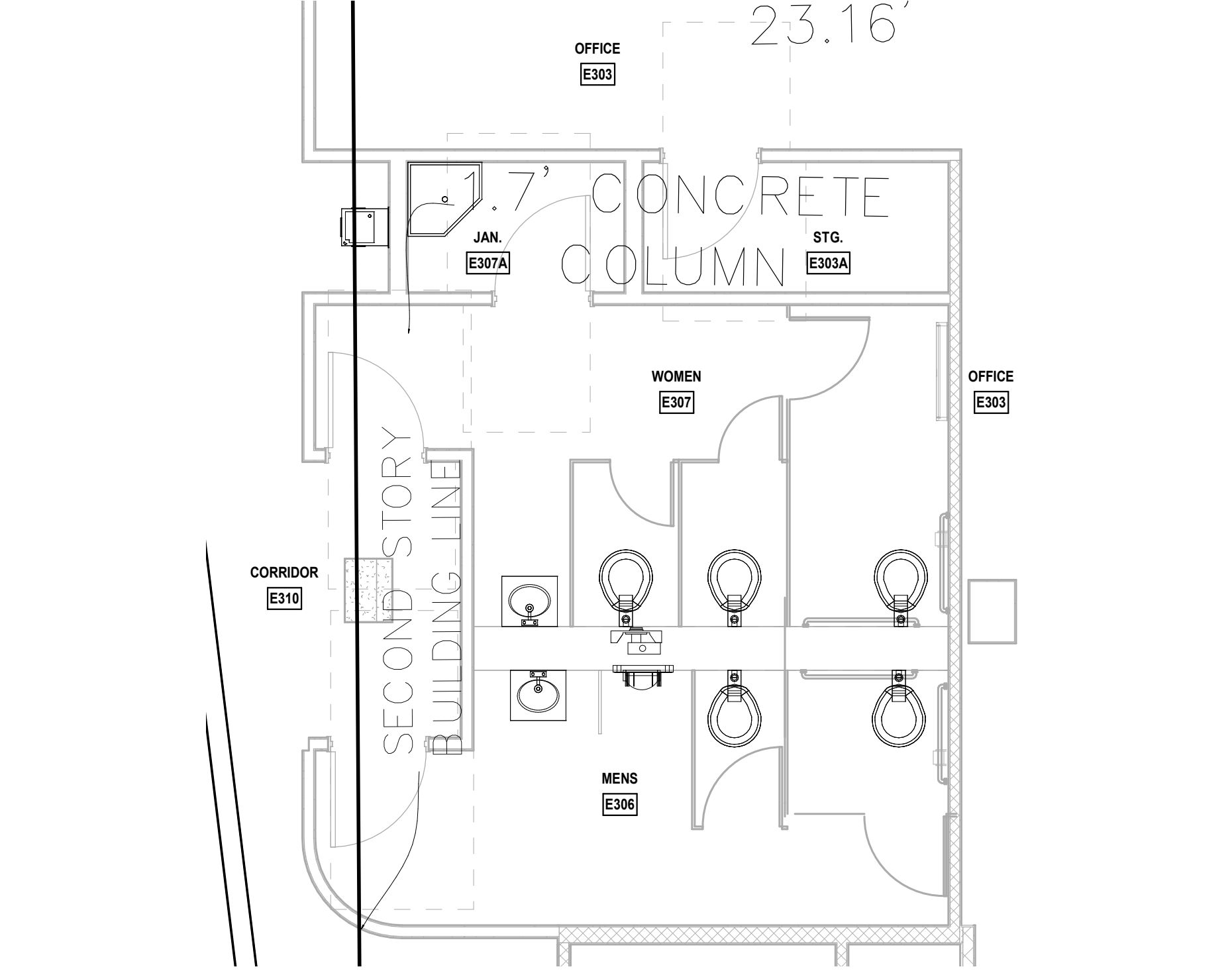
**LEVEL 4 - E406 AND E405 DRAINAGE PLAN**  
1/4" = 1'-0" NORTH



**LEVEL 4 - E406 AND E405 SERVICE PLAN**  
1/4" = 1'-0" NORTH



**LEVEL 3 - E307 AND MENS DRAINAGE PLAN**  
1/4" = 1'-0" NORTH



**LEVEL 3 - E307 AND MENS SERVICE PLAN**  
1/4" = 1'-0" NORTH

ISSUED FOR PERMIT	
ISSUED FOR CONSTRUCTION	
KAMM CONSULTING PROJECT #:	
PROJECT MANAGER:	
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www.kammconsulting.com	
Certification of Authorization #18183	
1/4" = 1'-0" NORTH	

PROGRESS SET
NOT FOR CONSTRUCTION
DATED: 06/17/22

**ARQUITECTONICA**

OWNER:  
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55 NE 5th Avenue, Suite 501  
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CIVIL ENGINEER:  
KEITH  
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FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT

**ISHOF**

1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:

DESCRIPTION	DATE
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SEAL & SIGNATURE

PROJECT NORTH:

DRAWING TITLE

ENLARGED PLUMBING PLANS

PROJECT NUMBER: 010326.000

DATE: 05/24/22

SCALE: 1/4" = 1'-0"

SHEET

**P4-003**

CAM 23-0723  
Exhibit 1L  
Page 120 of 171



OVERALL SANITARY ISOMETRIC

N.T.S.

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PROGRESS SET

NOT FOR CONSTRUCTION

DATED: 06/17/22

KAMM CONSULTING PROJECT #: 2020-0300  
PROJECT MANAGER: JOE ZIMMER

KAMM Consulting

1407 West Newport Center Drive  
Deerfield Beach, Florida 33442  
Phone 954.949.2200 Fax 954.949.2201  
engineering@kammconsulting.com

06/17/22

Certification of Authorization #8189

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**ARCHITECT:**  
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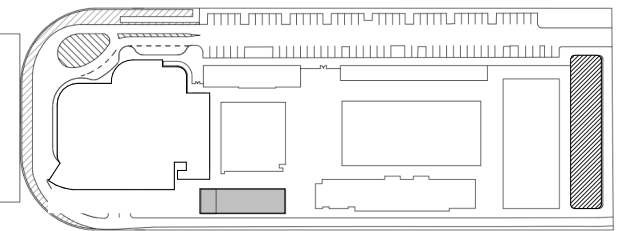
**STRUCTURAL ENGINEER:**  
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TEL: 954.903.9300

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TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



△	DESCRIPTION	DATE
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DRAWING TITLE  
SANITARY ISOMETRICS

PROJECT NUMBER: 010326.000  
DATE: 05/24/22  
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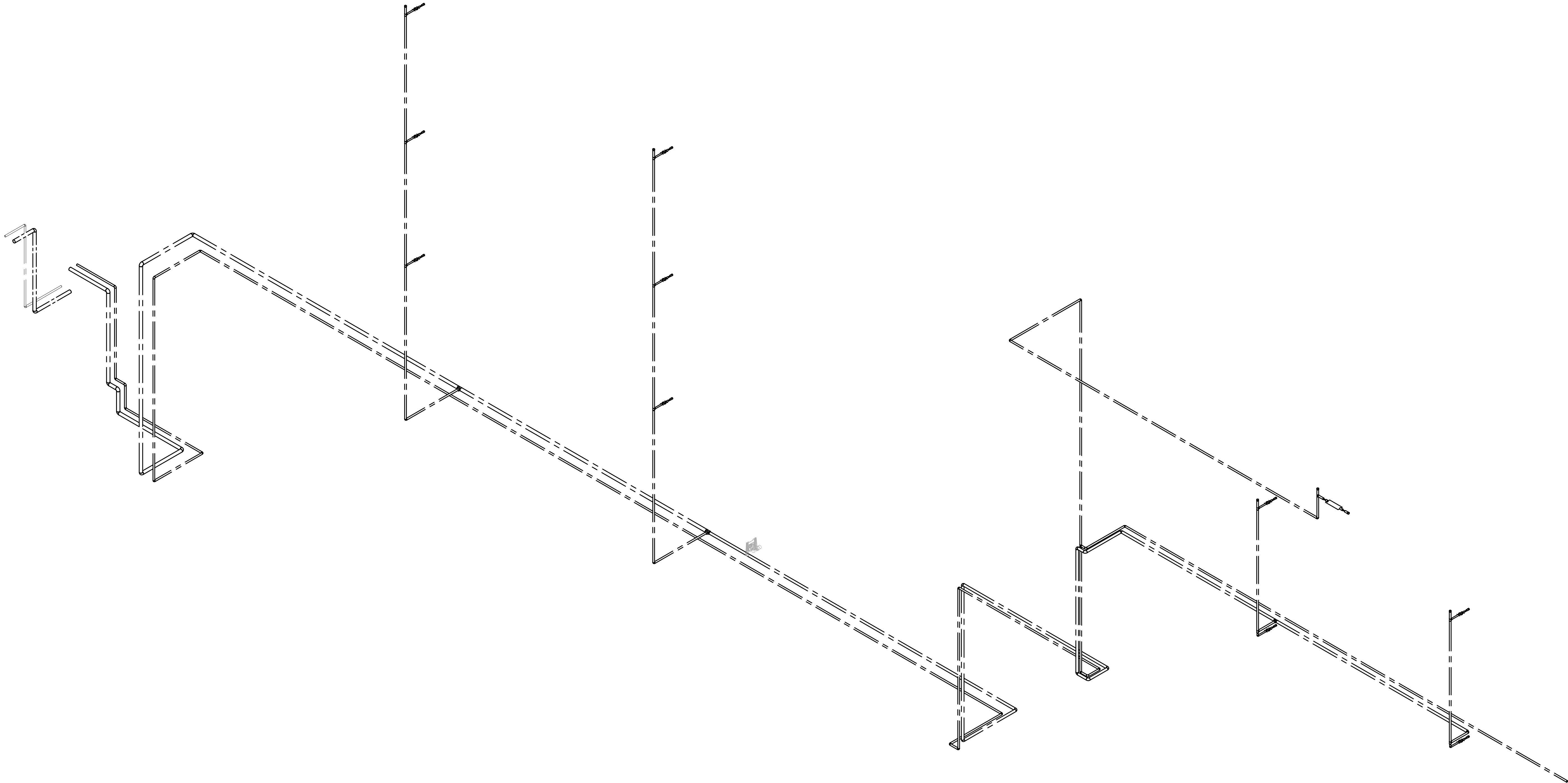
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CAM 23-0723  
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**OVERALL DOEMSTIC WATER ISOMETRIC**  
N.T.S.

PROGRESS SET
NOT FOR CONSTRUCTION
DATED: 06/17/22

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ISSUED FOR CONSTRUCTION	-
KAMM CONSULTING PROJECT #:	2020-0300
PROJECT MANAGER:	JOE ZIMMER
	1407 West Newport Center Drive Deerfield Beach, Florida 33442 Phone 954.949.2200 Fax 954.949.2201 engineering@kammconsulting.com
Certification of Authorization #8189	06/17/22

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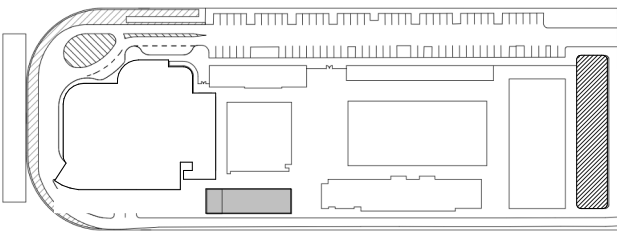
**STRUCTURAL ENGINEER:**  
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PROJECT  
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KEY PLAN:

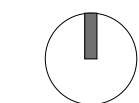


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PROJECT NORTH:



DRAWING TITLE  
DOMESTIC WATER ISOMETRICS

PROJECT NUMBER: 010326.000

DATE: 05/26/22

SCALE:

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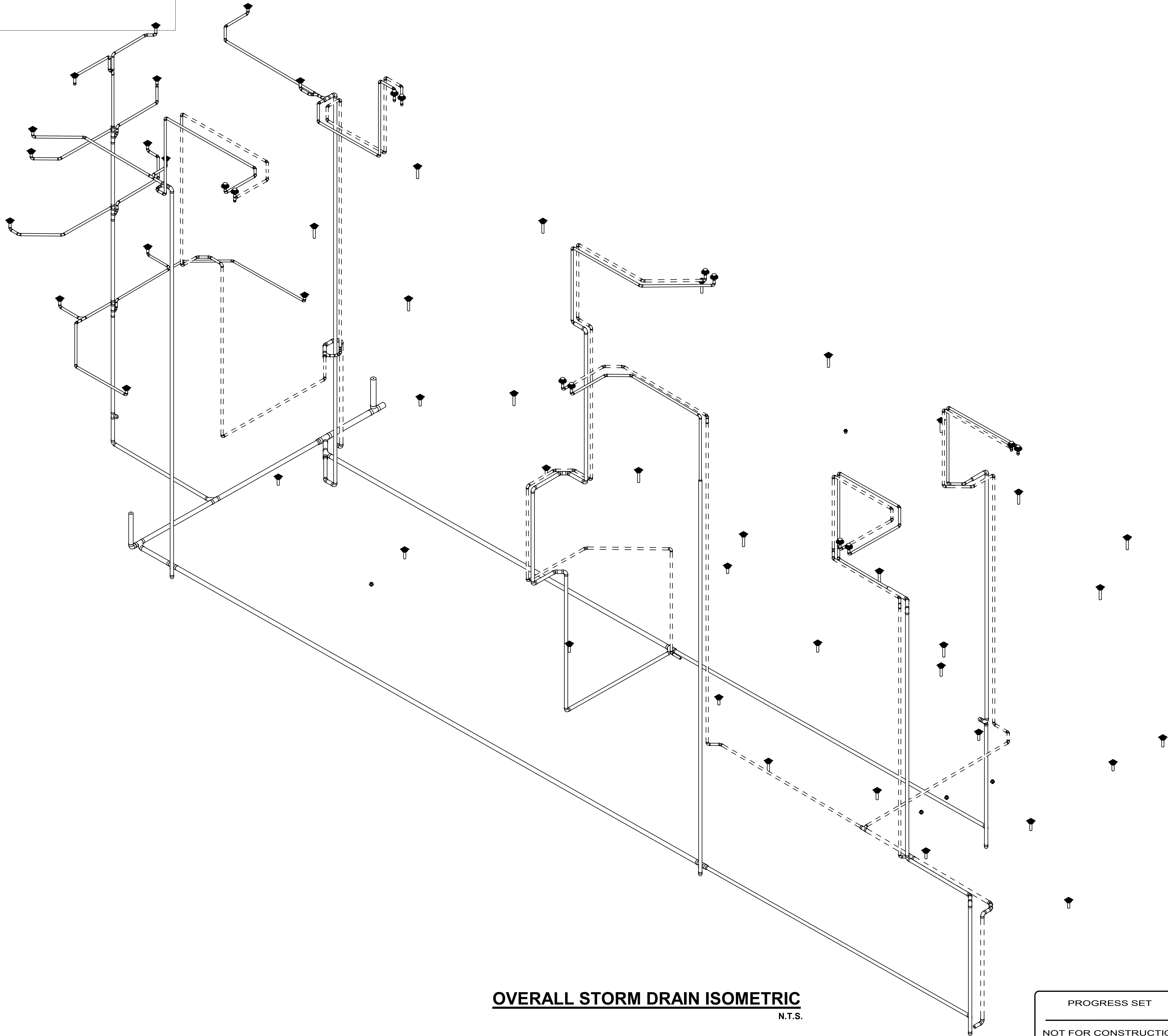
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**OVERALL STORM DRAIN ISOMETRIC**  
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PROGRESS SET  
NOT FOR CONSTRUCTION  
DATED: 06/17/22

KAMM CONSULTING PROJECT #: 2020-0300  
PROJECT MANAGER: JOE ZIMMER



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06/17/22

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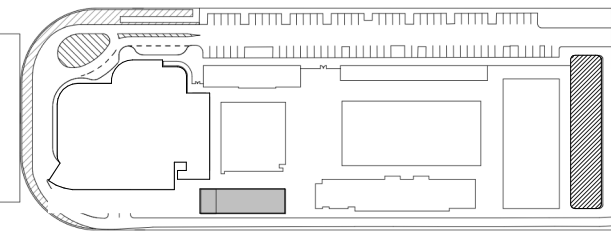
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PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:

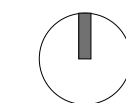


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PROJECT NORTH:



DRAWING TITLE  
STORM DRAIN ISOMETRICS

PROJECT NUMBER: 010326.000

DATE: 05/24/22

SCALE:

SHEET

**P7-001**

CAM 23-0723  
Exhibit 1L  
Page 123 of 171



ELECTRICAL SYMBOLS

	TELEPHONE/DATA OUTLET WITH 3/4" CONDUIT STUBBED OUT FROM WALL 6" ABOVE CEILING. MOUNT 18" A.F.F. TO CENTER LINE OF OUTLET UNLESS OTHERWISE NOTED.
	TELEPHONE/DATA OUTLET, RECESSED FLOOR MOUNTED, WITH 3/4" CONDUIT RUN TO THE NEAREST STUD WALL AND STUBBED OUT FROM WALL 6" ABOVE CEILING. PROVIDE BRASS COVER PLATE AND CARPET FLANGE.
	TELEVISION OUTLET WITH 3/4" CONDUIT STUBBED OUT FROM WALL 6" ABOVE CEILING. MOUNT AT 18" A.F.F. TO CENTER LINE OF OUTLET UNLESS OTHERWISE NOTED.
	DUPLEX RECEPTACLE (AMPERAGE RATING TO MATCH BRANCH CIRCUIT RATING) MOUNTED AT 18" A.F.F. TO CENTER LINE OF OUTLET UNLESS OTHERWISE NOTED.
	QUADRUPLEX RECEPTACLE (AMPERAGE RATING TO MATCH BRANCH CIRCUIT RATING) MOUNTED AT 18" A.F.F. TO CENTER LINE OF OUTLET UNLESS OTHERWISE NOTED.
	DUPLEX RECEPTACLE (AMPERAGE RATING TO MATCH BRANCH CIRCUIT RATING) WITH GROUND FAULT CIRCUIT INTERRUPTER, MOUNT AT 18" A.F.F. TO CENTER LINE OF OUTLET. UNLESS NOTED OTHERWISE.
	DUPLEX RECEPTACLE (AMPERAGE RATING TO MATCH BRANCH CIRCUIT RATING) MOUNTED ABOVE COUNTER SEE ARCHITECTUAL DRAWINGS FOR SPECIFIC REQUIREMENTS.
	DUPLEX RECEPTACLE (AMPERAGE RATING TO MATCH BRANCH CIRCUIT RATING), RECESSED FLOOR MOUNTED. PROVIDE BRASS COVER PLATE AND CARPET FLANGE.
	DUPLEX RECEPTACLE (AMPERAGE RATING TO MATCH BRANCH CIRCUIT RATING), CEILING MOUNTED.
	SPECIAL-PURPOSE RECEPTACLE
	JUNCTION BOX
	MOTOR RATED SWITCH
	SINGLE POLE, 20 AMP, SWITCH. MOUNT 42" A.F.F. TO CENTERLINE OF SWITCH UNLESS OTHERWISE NOTED.
	3-WAY, 20 AMP, SWITCH. MOUNT 42" A.F.F. TO CENTERLINE OF SWITCH UNLESS OTHERWISE NOTED.
	4-WAY, 20 AMP, SWITCH. MOUNT 42" A.F.F. TO CENTERLINE OF SWITCH UNLESS OTHERWISE NOTED.
	LINE VOLTAGE DUAL TECHNOLOGY WALL SWITCH/OCCUPANCY SENSOR WITH "MANUAL ON" OPTION, WATTSTOPPER MODEL# "DSW-100" OR AN APPROVED EQUAL. MOUNT 42" A.F.F. TO CENTERLINE OF SWITCH UNLESS OTHERWISE NOTED. 20 MINUTE MAXIMUM TIME DELAY.
	LINE VOLTAGE DUAL TECHNOLOGY WALL SWITCH/OCCUPANCY SENSOR WITH DIMMING, WATTSTOPPER MODEL# "DW-311" OR AN APPROVED EQUAL. MOUNT 42" A.F.F. TO CENTERLINE OF SWITCH UNLESS OTHERWISE NOTED. 20 MINUTE MAXIMUM TIME DELAY.
	ZONE DESIGNATION (IF APPLICABLE)
	LOW VOLTAGE ROOM CONTROLLER DIGITAL CONTROL SWITCH WITH "MANUAL ON" OPTION, WATTSTOPPER MODEL "LMSW-10(4)-XX" OR AN APPROVED EQUAL. # = NUMBER OF BUTTONS, XX = COLOR.
	LOW VOLTAGE ROOM CONTROLLER DIGITAL DIMMER SWITCH, WATT STOPPER MODEL "LMDM-101" OR AN APPROVED EQUAL.
	DUAL TECHNOLOGY DIGITAL WALL SWITCH/OCCUPANCY SENSOR WITH "MANUAL ON" OPTION, WATT STOPPER MODEL# "LMDV-101" OR AN APPROVED EQUAL. MOUNT 42" A.F.F. TO CENTERLINE OF SWITCH UNLESS OTHERWISE NOTED. 20 MINUTE MAXIMUM TIME DELAY.
	LOW VOLTAGE CONTROL RELAY PANEL DIGITAL CONTROL SWITCH, ILC MODEL "LS-G3-XX-4" OR AN APPROVED EQUAL. FOUR HOUR MAXIMUM TIME DELAY. # = NUMBER OF BUTTONS, XX = COLOR.
	LOW VOLTAGE CONTROL RELAY PANEL DIGITAL DIMMER SWITCH, ILC MODEL "LS-G3-XX-4N2D" OR AN APPROVED EQUAL. FOUR HOUR MAXIMUM TIME DELAY. # = NUMBER OF BUTTONS, XX = COLOR.
	LOW VOLTAGE DUAL TECHNOLOGY CEILING MOUNTED OCCUPANCY SENSOR, WATTSTOPPER MODEL# "LMDC-100" OR AN APPROVED EQUAL. MOUNT IN CEILING. 20 MINUTE MAXIMUM TIME DELAY.
	ROOM CONTROLLER WITH (1) ON/OFF CONTROL RELAY, WATTSTOPPER MODEL# "LMRC-101", OR AN APPROVED EQUAL. MOUNT ABOVE CEILING.
	ROOM CONTROLLER WITH (2) ON/OFF CONTROL RELAYS, WATTSTOPPER MODEL# "LMRC-102", OR AN APPROVED EQUAL. MOUNT ABOVE CEILING.
	ROOM CONTROLLER WITH (1) CONTROL RELAY & 0-10V DIMMING CAPABILITY, WATTSTOPPER MODEL# "LMRC-111", OR AN APPROVED EQUAL. MOUNT ABOVE CEILING.
	ROOM CONTROLLER WITH (2) CONTROL RELAYS & 0-10V DIMMING CAPABILITY, WATTSTOPPER MODEL# "LMRC-112", OR AN APPROVED EQUAL. MOUNT ABOVE CEILING.
	EMERGENCY RELAY DEVICE, WATTSTOPPER "ELCU-200" OR AN APPROVED EQUAL. MOUNT ABOVE CEILING.
	REMOTE 4-CHANNEL 0-10V DIMMING CARD, ILC MODEL "LSDM-R" FOR CONNECTION TO LIGHTING CONTROL PANEL VIA CAT-5 CABLE.
	FACTORY MOUNTED DISCONNECT/STARTER (SEE MECHANICAL SCHEDULE)
	FUSIBLE DISCONNECT SWITCH A = POLES, B= FRAME SIZE, C= FUSE RATING
	FUSIBLE DISCONNECT SWITCH TYPE COMBINATION MOTOR STARTER A = POLES, B= NEMA SIZE, C= FUSE RATING
	GROUNDING ELECTRODE & CONDUCTOR SYSTEM
	TRANSFORMER
	ELECTRICAL PANEL BOARD
	TELEPHONE WOOD BACKBOARD
	WEATHERPROOF
	LCP LIGHTING CONTROL PANEL
	RE RELOCATED EXISTING
	E EXISTING TO REMAIN
	A.F.F. ABOVE FINISH FLOOR

ELECTRICAL SPECIFICATIONS

PART 1 - GENERAL

- A. THE CONTRACTOR SHALL SUPPLY AND INSTALL ALL NEW ELECTRICAL WORK INDICATED. CONSTRUCTION SHALL BE IN ACCORDANCE WITH DRAWINGS AND APPLICABLE SPECIFICATIONS. IF A PROBLEM IS ENCOUNTERED IN COMPLYING WITH THIS REQUIREMENT, CONTRACTOR SHALL NOTIFY THE ARCHITECT/ENGINEER AS SOON AS POSSIBLE AFTER DISCOVERY OF THE PROBLEM AND SHALL NOT PROCEED WITH THAT PORTION OF THE WORK UNTIL ARCHITECT/ENGINEER HAS DIRECTED CORRECTIVE ACTION TO BE TAKEN.
- B. THE CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO BID AND FAMILIARIZE HIMSELF WITH ALL CONDITIONS AFFECTING ELECTRICAL AND COMMUNICATIONS INSTALLATION AND MAKE PROVISIONS AS TO THE COST THEREOF.
- C. ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE NATIONAL ELECTRIC CODE (AS ADOPTED BY THE AUTHORITY HAVING JURISDICTION) AND ALL CODES AND ORDINANCES OF THE AUTHORITY HAVING JURISDICTION. THE SPECIFICATION, CODES AND STANDARDS LISTED BELOW ARE UTILIZED IN THIS PROJECT.
- NATIONAL ELECTRICAL CODE (NFPA-70, 2017 EDITION)
  - CODE FOR SAFETY TO LIFE (NFPA-101, 2018 EDITION)
  - STANDARD FOR THE INSTALLATION, MAINTENANCE AND USE OF LOCAL PROTECTIVE SIGNALING SYSTEMS (NFPA-72, 2016 EDITION)
  - UNDERWRITERS' LABORATORIES (UL)
  - NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION (NEMA)
  - AMERICAN NATIONAL STANDARDS INSTITUTE (ANSI)
  - FEDERAL SPECIFICATION (FED. SPEC.)
  - INSULATED POWER CABLE ENGINEERS ASSOCIATION (IPCEA)
  - FLORIDA BUILDING CODE, 2020 EDITION (AS AMENDED)
  - INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS (IEEE)
  - CITY OF FORT LAUDERDALE BUILDING CODE, (AMENDMENTS TO FLORIDA BUILDING CODE 2020)
  - ADDITIONALLY, DESIGNS, WORK PRACTICES AND CONDITIONS MUST CONFORM WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 (OSHA)
- D. DO NOT SCALE THE ELECTRICAL DRAWINGS. REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR EXACT LOCATION OF ALL EQUIPMENT. CONFORM WITH OWNER'S REPRESENTATIVE.
- E. IT IS NOT THE INTENT OF THESE PLANS TO SHOW EVERY MINOR DETAIL OF CONSTRUCTION. THE CONTRACTOR IS EXPECTED TO FURNISH AND INSTALL ALL ITEMS FOR A COMPLETE ELECTRICAL SYSTEM AND PROVIDE ALL REQUIREMENTS NECESSARY FOR EQUIPMENT TO BE PLACED IN PROPER WORKING ORDER. CONTRACTOR SHALL GUARANTEE ALL MATERIALS AND WORKMANSHIP FREE FROM DEFECTS FROM A PERIOD OF NOT LESS THAN ONE YEAR FROM DATE OF ACCEPTANCE.
- G. CORRECTION OF ANY DEFECTS SHALL BE COMPLETED WITHOUT ADDITIONAL CHARGE AND SHALL INCLUDE REPLACEMENT OR REPAIR OF ANY OTHER PHASE OF THE INSTALLATION WHICH MAY HAVE BEEN DAMAGED THERE BY.
- H. ALL REQUIRED INSURANCE SHALL BE PROVIDED FOR PROTECTION AGAINST PUBLIC LIABILITY AND PROPERTY DAMAGE FOR THE DURATION OF THE WORK.
- I. CONTRACTOR SHALL PAY FOR ALL PERMITS, FEES, INSPECTIONS AND TESTING. CONTRACTOR TO OBTAIN PERMIT AND APPROVED SUBMITTALS PRIOR TO BEGINNING WORK OR ORDERING EQUIPMENT.
- J. THE TERM "PROVIDE" USED IN THE CONSTRUCTION DOCUMENTS AND SPECIFICATIONS SHALL MEAN THAT THE CONTRACTOR IS TO FURNISH, INSTALL AND CONNECT COMPLETE.

PART 2 - PRODUCTS

- A. MINIMUM WIRE SIZE SHALL BE #12 A.W.G. (EXCEPT AS NOTED OTHERWISE FOR CONTROL WIRING).
- B. ALL CONDUCTORS SHALL BE 95% CONDUCTIVITY, COPPER WITH "THIN-THIN" INSULATION UNLESS OTHERWISE NOTED.
- C. ELECTRICAL METALLIC TUBING (EMT) SHALL BE OF BEST QUALITY STEEL, SMOOTH INSIDE AND OUT AND SHALL BE HOT-DIPPED GALVANIZED.
- D. RIGID NONMETALLIC CONDUIT SHALL BE SCHEDULE 40 PVC.
- E. OUTLET BOXES SHALL BE PRESSED STEEL IN DRY LOCATIONS, CAST ALLOY WITH THREADED HUBS IN WET OR DAMP LOCATIONS AND SPECIAL ENCLOSURES FOR OTHER CLASSIFIED AREAS.
- F. ALL MATERIALS SHALL BE NEW AND BEAR UNDERWRITERS' LABELS WHERE APPLICABLE.
- G. PANELBOARDS:
- CURRENT CARRYING BUSES SHALL BE COPPER, GROUND BUS BARS SHALL BE COPPER.
  - ALL CIRCUIT BREAKERS SHALL BE BOLT ON, PLUG-IN BREAKERS ARE NOT ACCEPTABLE.
  - CIRCUIT BREAKERS USED AS SWITCHES IN FLUORESCENT OR HID LIGHTING CIRCUITS SHALL BE LISTED AND MARKED "SWD" OR "HID" AS REQUIRED.
  - ALL CIRCUIT BREAKERS FEEDING MECHANICAL EQUIPMENT SHALL BE HACR TYPE.
  - A.I.C. RATINGS SHALL BE AS INDICATED ON PANELBOARD SCHEDULES.
  - ALL PANELBOARDS SHALL BE FURNISHED WITH PLASTIC LAMINATE NAMEPLATES WITH 1/4" ENGRAVED LETTERING FOR PANEL IDENTIFICATION.
  - ALL PANELBOARDS SHALL BE PROVIDED WITH TYPE-WRITTEN DIRECTORY OF BRANCH CIRCUIT DESIGNATIONS. PROVIDE ELECTRICAL EQUIPMENT WITH FIELD MARKING TO WARN OF POTENTIAL ELECTRIC ARC FLASH HAZARDS AS REQUIRED BY THE NEC ARTICLE 110.16.
- H. DISCONNECT SWITCHES SHALL BE H.P. RATED, HEAVY DUTY, QUICK-MAKE, QUICK-BREAK.
- I. MOTOR STARTERS SHALL BE MANUAL OR MAGNETIC AS INDICATED ON THE ELECTRICAL DRAWINGS, WITH OVERLOAD RELAYS IN EACH PHASE. PROVIDE MAGNETIC STARTERS WITH "H-O-A" SWITCH.
- J. ENCLOSURES SHALL BE NEMA-1 FOR INDOOR LOCATIONS, NEMA 3R FOR OUTDOOR LOCATIONS OR AS OTHERWISE NOTED.
- K. WIRING DEVICES (GENERAL PURPOSE RECEPTACLES AND WALL SWITCHES) SHALL BE WHITE COLOR UNLESS OTHERWISE NOTED. FACEPLATES SHALL BE SMOOTH, WHITE NYLON.
- L. ALL TRANSFORMERS AND MOTORS SHALL COMPLY WITH THE EFFICIENCY STANDARDS AS REQUIRED BY THE FLORIDA BUILDING CODE-ENERGY CONSERVATION.
- M. PROVIDE TAMPER RESISTANT RECEPTACLES AS REQUIRED BY NEC ARTICLE 406.12.

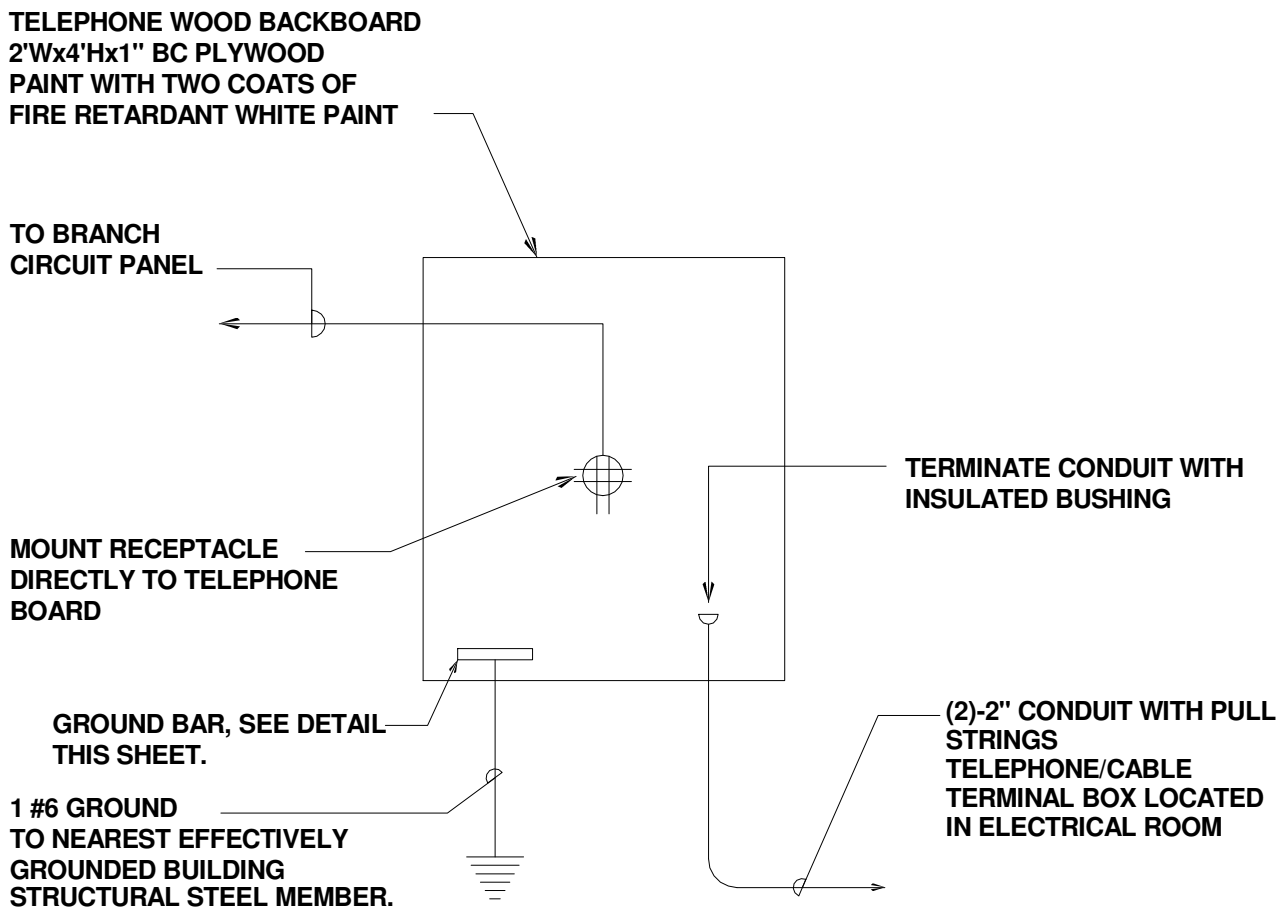
WARNING !!!

FLOOR SLABS IN THIS BUILDING ARE POST TENSIONED AND MUST BE X-RAYED PRIOR TO CORE DRILLING OR OTHER PENETRATIONS.

CONTRACTOR SHALL COORDINATE WITH STRUCTURAL ENGINEER AND OWNER TO OBTAIN PERMISSION BEFORE COMMENCING ANY SLAB PENETRATIONS.

PART 3 - EXECUTION

- A. COLOR CODING OF CONDUCTORS SHALL BE AS FOLLOWS:
- 208/120 VOLTS, 3 PHASE, 4-WIRE SYSTEM: UNGROUNDED CONDUCTORS: 1 BLACK, 1 RED AND 1 BLUE. GROUNDED (NEUTRAL) CONDUCTOR: WHITE. GROUNDING CONDUCTORS SHALL BE GREEN.
  - 480/277 VOLT, 3-PHASE, 4-WIRE SYSTEM: UNGROUNDED CONDUCTORS: 1 BROWN, 1 YELLOW, AND 1 PURPLE. GROUNDED (NEUTRAL) CONDUCTORS: GRAY. GROUNDING CONDUCTORS SHALL BE GREEN.
  - BRANCH CIRCUIT WIRING (#6 AND SMALLER) SHALL BE COLOR CODED BY CONTINUOUS INSULATION COLOR AND FEEDERS AND SERVICES (#4 AND LARGER) SHALL BE CODED AT ALL JUNCTION OR PULL POINTS (EXCEPT L'S OR LBD'S) USING COLOR MARKERS OR PLASTIC TAPE MANUFACTURED FOR THE PURPOSE.
- B. WIRING METHODS
- ALL CONDUCTORS SHALL BE INSTALLED IN ELECTRICAL METALLIC TUBING (EMT) UNLESS OTHERWISE NOTED, SPECIFIED OR AS SPECIFICALLY PROHIBITED BY THE AUTHORITY HAVING JURISDICTION. ALL FITTINGS AND COUPLINGS FOR EMT CONDUIT SHALL BE ALL STEEL RAIN TIGHT COMPRESSION TYPE OR ALL STEEL CONCRETE TIGHT SET SCREW TYPE.
  - SCHEDULE 40 PVC CONDUIT, WITH FITTINGS AND COUPLINGS APPROPRIATE FOR THE USE, SHALL BE INSTALLED UNDERGROUND OR BELOW SLABS ON GRADE.
  - TYPE MC CABLE WITH ALUMINUM ARMOR AND INTERNAL GROUND IS ACCEPTABLE FOR USE AS GENERAL BRANCH CIRCUIT WIRING FOR CIRCUITS 20 AMPERES OR LESS AND CONCEALED IN WALLS OR ABOVE SUSPENDED CEILING AND AS APPROVED BY THE AUTHORITY HAVING JURISDICTION.
- C. ELECTRICAL SYSTEM SHALL BE COMPLETE AND EFFECTIVELY GROUNDED AS REQUIRED BY THE LATEST EDITION OF THE N.E.C. AND LOCAL CODES.
- D. ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR IN A FIRST CLASS WORKMANLIKE MANNER. THE COMPLETED SYSTEM SHALL BE FULLY OPERATIVE.
- E. ALL WORK SHALL BE COORDINATED WITH OTHER TRADES TO AVOID INTERFERENCE WITH THE PROGRESS OF CONSTRUCTION.
- F. THE ELECTRICAL INSTALLATION SHALL MEET ALL STANDARD REQUIREMENTS OF POWER AND TELEPHONE COMPANIES, AND SHALL BE FULLY COORDINATED WITH THEM PRIOR TO COMMENCEMENT OF WORK.
- G. PROVIDE AND INSTALL CONDUIT, CONDUCTORS, PULL WIRES, BOXES, COVER PLATES, AND WIRING DEVICES, FOR ALL OUTLETS AS INDICATED.
- H. MATERIALS, PRODUCTS, AND EQUIPMENT, INCLUDING ALL COMPONENTS THEREOF, SHALL BE NEW AND SUCH AS APPEAR ON THE UL LIST OF APPROVED ITEMS AND SHALL MEET OR EXCEED THE REQUIREMENTS OF NEC, NEMA, AND IECE.
- I. SUBSTITUTIONS:
- IF ANY PROPOSED EQUIPMENT IS OF LARGER SIZE OR THERE ARE ANY CONTINGENT DIFFERENCES WHICH REQUIRE ADDITIONAL CONTROLS, EQUIPMENT OR APPARATUS ALL ASSOCIATED CHANGES TO THE BUILDING SYSTEMS NECESSARY TO ACCOMMODATE THESE CHANGES ARE THE RESPONSIBILITY OF THE CONTRACTOR.
  - "TO-SCALE" FLOOR PLAN DRAWINGS OR RISER/WIRING DIAGRAMS INDICATING THE PROPOSED CHANGES SHALL BE SUBMITTED ALONG WITH THE OTHER REQUIRED SHOP DRAWINGS.
- J. CONTRACTOR SUBMITTALS:
- SUBMIT AT LEAST FIVE (5) SETS OF SHOP DRAWINGS OR CUT SHEETS OF LIGHTING FIXTURES, SWITCHES, AND OTHER ELECTRICAL ITEMS FOR APPROVAL BY ENGINEER/ARCHITECT.
  - AS-BUILT ELECTRICAL DRAWINGS SHALL BE PROVIDED TO THE OWNER AS REQUIRED BY FLORIDA BUILDING CODE, ARTICLE C405.5.4.1
  - OPERATING AND MAINTENANCE MANUALS SHALL BE PROVIDED TO THE OWNER AS REQUIRED BY FLORIDA BUILDING CODE, ARTICLE C405.5.4.2
- K. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING REQUIRED OF HIS WORK.
- L. ALL LAY-IN LIGHTING FIXTURES SHALL BE SECURED TO THE SUSPENDED CEILING GRID AT EACH CORNER OR AS REQUIRED BY THE NATIONAL ELECTRIC CODE AND THE FLORIDA BUILDING CODE, SECTION 806. SEE ARCHITECTURAL DRAWINGS FOR DETAIL OF CEILING AND LUMINAIRE SUPPORT.
- M. CONTRACTOR SHALL COORDINATE WITH MECHANICAL DRAWINGS AND PROVIDE ALL NECESSARY CONTROL WIRING.
- N. ALL ELECTRICAL POWER WIRING FOR THE HVAC SYSTEM INCLUDING WIRING THRU LINE VOLTAGE CONTROL DEVICES SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR.
- O. VOLTAGE DROP
- CONDUCTORS FOR ALL FEEDERS SHALL BE INCREASED FROM SIZES INDICATED ON DRAWINGS TO PREVENT VOLTAGE DROP EXCEEDING 2%.
  - CONDUCTORS FOR ALL BRANCH CIRCUITS SHALL BE INCREASED FROM SIZES INDICATED ON DRAWINGS TO PREVENT VOLTAGE DROP EXCEEDING 3% FROM THE FURTHEST DEVICE.
  - DETERMINING CONDUCTOR SIZES SHALL BE BASED ON 80% OF THE BREAKER RATING.
  - FOR DETERMINATION OF WIRE SIZE FOR BID PURPOSES:
    - \* INCREASE WIRE BY 1 WIRE SIZE FOR RUNS 60 FT. TO 100 FT.
    - \* INCREASE WIRE BY 2 WIRE SIZES FOR RUNS 100 FT. TO 150 FT.
    - \* INCREASE WIRE BY 3 WIRE SIZES FOR RUNS FROM 150 FT. TO 230 FT.
- P. PROVIDE CABLE LUGS SIZED FOR THE LINE AND/OR LOAD SIDE FEEDERS AS SCHEDULED FOR ALL SWITCHBOARDS, PANELBOARDS AND DISCONNECTS. WHERE CABLE LUGS ARE NOT AVAILABLE FOR THE SPECIFIC WIRE SIZE AND NUMBER OF SETS SCHEDULED, PROVIDE A TAP BOX ADJACENT TO THE EQUIPMENT WITH "POLARIS" TAPS TO TRANSITION TO CONDUCTORS TO MATCH THE CABLE LUGS AVAILABLE AND THE AMPERE RATING OF THE OVER-CURRENT DEVICE PROTECTING THE FEEDER.
- Q. THE CONTRACTOR SHALL CONFIRM WITH THE ELECTRICAL UTILITY COMPANY ANY AND ALL REQUIREMENTS SUCH AS: METERING EQUIPMENT REQUIREMENTS AND METERING EQUIPMENT LOCATION, TRANSFORMER SIZE AND LOCATION OR SERVICE POINT, CONDUIT ENTRY AND LUG SIZE RESTRICTIONS.
- R. THE CONTRACTOR SHALL SCHEDULE ALL REQUIRED DOWN TIME FOR THE OWNERS CONFIRMATION.
- S. ANY CONFLICTS AND DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH ANY WORK.



TENANT-TELEPHONE RISER DIAGRAM  
N.T.S.

ELECTRICAL SHEET INDEX

Sheet Number	Sheet Name	Current Revision
E0-001	ELECTRICAL NOTES	
E1-001	ELECTRICAL SITE PLAN	
E2-101-N	EAST BUILDING LEVEL 01 LIGHTING PLAN, NORTH	
E2-101-S	EAST BUILDING LEVEL 01 LIGHTING PLAN, SOUTH	
E2-101-M-N	EAST BUILDING LEVEL 01 MEZZ LIGHTING PLAN, NORTH	
E2-101-M-S	EAST BUILDING LEVEL 01 MEZZ LIGHTING PLAN, SOUTH	
E2-102-N	EAST BUILDING LEVEL 02 LIGHTING PLAN, NORTH	
E2-102-S	EAST BUILDING LEVEL 02 LIGHTING PLAN, SOUTH	
E2-103-N	EAST BUILDING LEVEL 03 LIGHTING PLAN, NORTH	
E2-103-S	EAST BUILDING LEVEL 03 LIGHTING PLAN, SOUTH	
E2-104-N	EAST BUILDING LEVEL 04 LIGHTING PLAN, NORTH	
E2-104-S	EAST BUILDING LEVEL 04 LIGHTING PLAN, SOUTH	
E2-105-N	EAST BUILDING LEVEL 05 LIGHTING PLAN, NORTH	
E2-105-S	EAST BUILDING LEVEL 05 LIGHTING PLAN, SOUTH	
E3-101-N	EAST BLDG LEVEL 01 POWER PLAN, NORTH	
E3-101-S	EAST BLDG LEVEL 01 POWER PLAN, SOUTH	
E3-101-M-N	EAST BLDG LEVEL 01 MEZZ POWER PLAN, NORTH	
E3-101-M-S	EAST BLDG LEVEL 01 MEZZ POWER PLAN, SOUTH	
E3-102-N	EAST BLDG LEVEL 02 POWER PLAN, NORTH	
E3-102-S	EAST BLDG LEVEL 02 POWER PLAN, SOUTH	
E3-103-N	EAST BLDG LEVEL 03 POWER PLAN, NORTH	
E3-103-S	EAST BLDG LEVEL 03 POWER PLAN, SOUTH	
E3-104-N	EAST BLDG LEVEL 04 POWER PLAN, NORTH	
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E3-105-N	EAST BLDG LEVEL 05 POWER PLAN, NORTH	
E3-105-S	EAST BLDG LEVEL 05 POWER PLAN, SOUTH	
E3-106-N	EAST BLDG ROOF LEVEL POWER PLAN, NORTH	
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E4-001	ENLARGED ELECTRICAL ROOM PLANS	
E4-002	ENLARGED ELECTRICAL ROOM PLANS	
E5-001	ELECTRICAL RISER DIAGRAM	
E6-001	PANEL SCHEDULES	
E6-002	PANEL SCHEDULES	
E6-003	PANEL SCHEDULES	
E7-001	ELECTRICAL DETAILS	

ELECTRICAL IN PLENUM SPACES

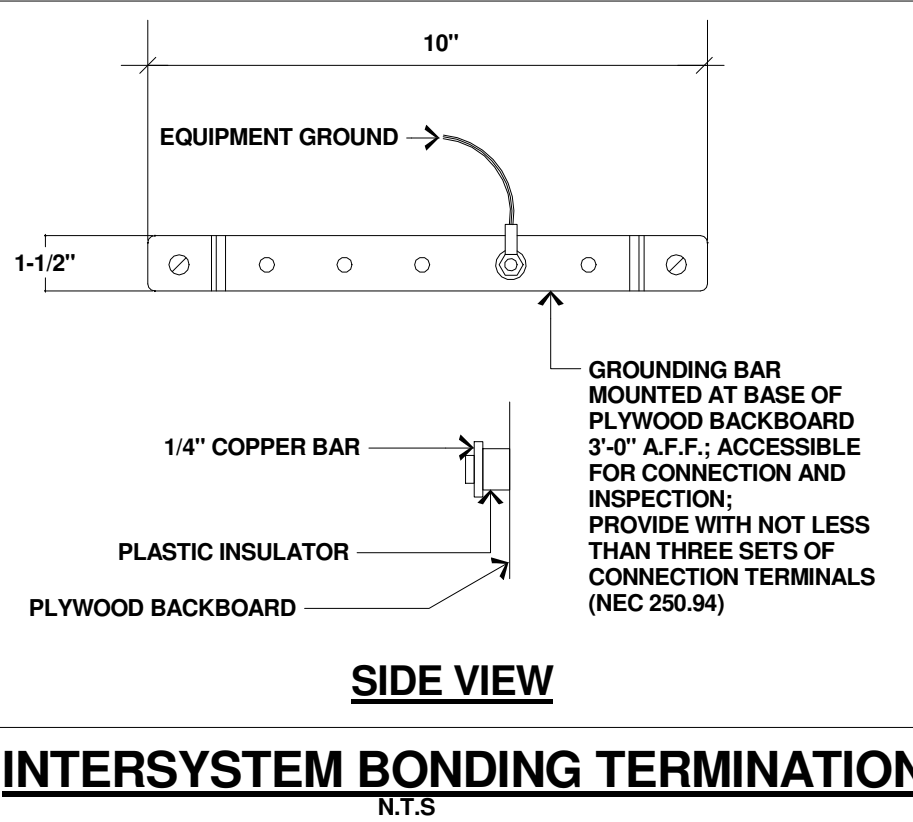
VERIFY WITH MECHANICAL PLANS AND PROVIDE ELECTRICAL INSTALLATION AND EQUIPMENT AS REQUIRED BY CODE:

ELECTRICAL INSTALLATION IN OTHER SPACES USED FOR ENVIRONMENTAL AIR (PLENUMS) SHALL COMPLY WITH NEC REQUIREMENTS ARTICLE 300.22(C)(1)(2)(3).

WIRING METHODS: THE USE OF TOTALLY ENCLOSED BUSWAYS, METALLIC RACEWAYS, FACTORY ASSEMBLED MULTICONDUCTOR CONTROL POWER CABLE SPECIFICALLY LISTED FOR USE WITHIN AN AIR-HANDLING SPACE.

CABLE TRAY SYSTEMS: THE USE OF METALLIC CABLE TRAY SYSTEMS.

EQUIPMENT: ELECTRICAL EQUIPMENT WITH A METAL ENCLOSURE OR ELECTRICAL EQUIPMENT WITH NON-METALLIC ENCLOSURE LISTED FOR USE WITHIN AN AIR-HANDLING SPACE AND HAVING LOW SMOKE AND HEAT RELEASE PROPERTIES AND ASSOCIATED WIRING MATERIAL SUITABLE FOR THE AMBIENT TEMPERATURE



PROGRESS SET

NOT FOR CONSTRUCTION

DATED: 06/17/22

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ISSUED FOR CONSTRUCTION

KAMM CONSULTING PROJECT #: 2020-0300  
PROJECT MANAGER: JOE ZIMMER

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Certification of Authorization #8189

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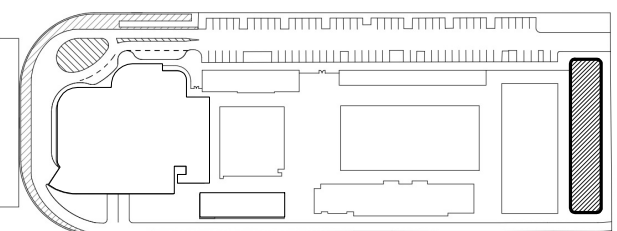
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KEY PLAN:



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PROJECT NORTH:



DRAWING TITLE  
ELECTRICAL NOTES

PROJECT NUMBER: 010326.000

DATE: 06/03/2022

SCALE: 1/2" = 1'-0"

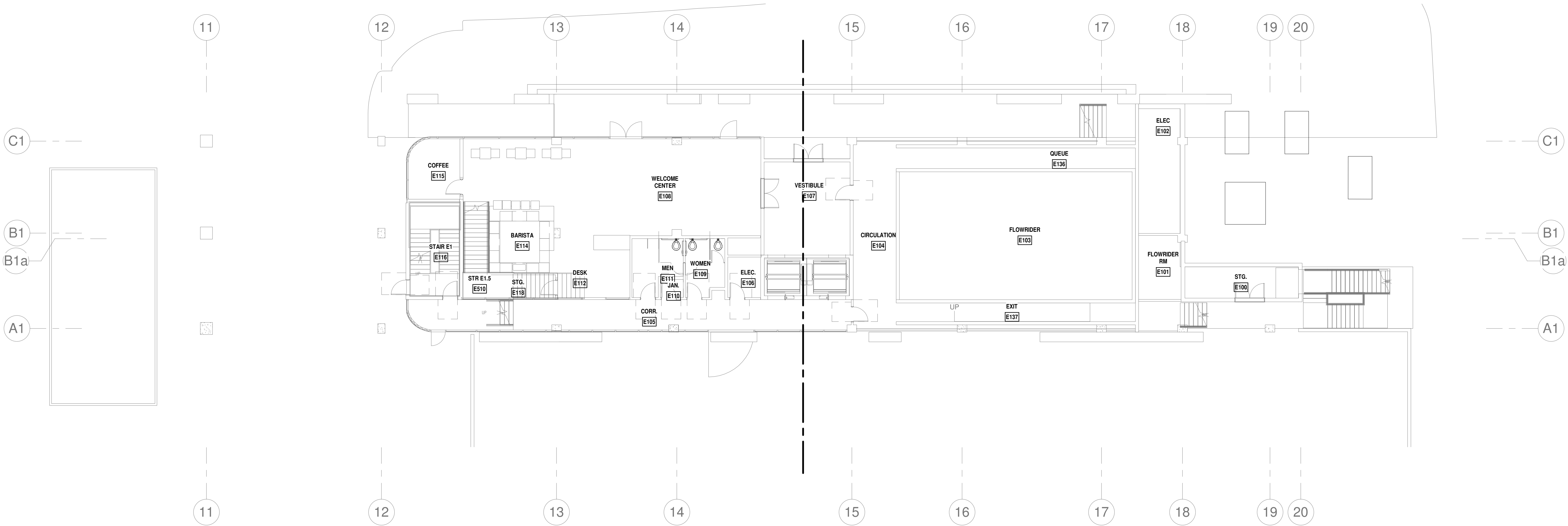
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OVERALL GRADE SITE POWER PLAN

3/32" = 1'-0"



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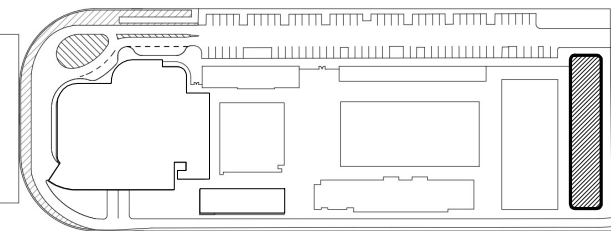
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PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:

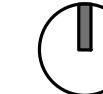


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PROJECT NORTH:



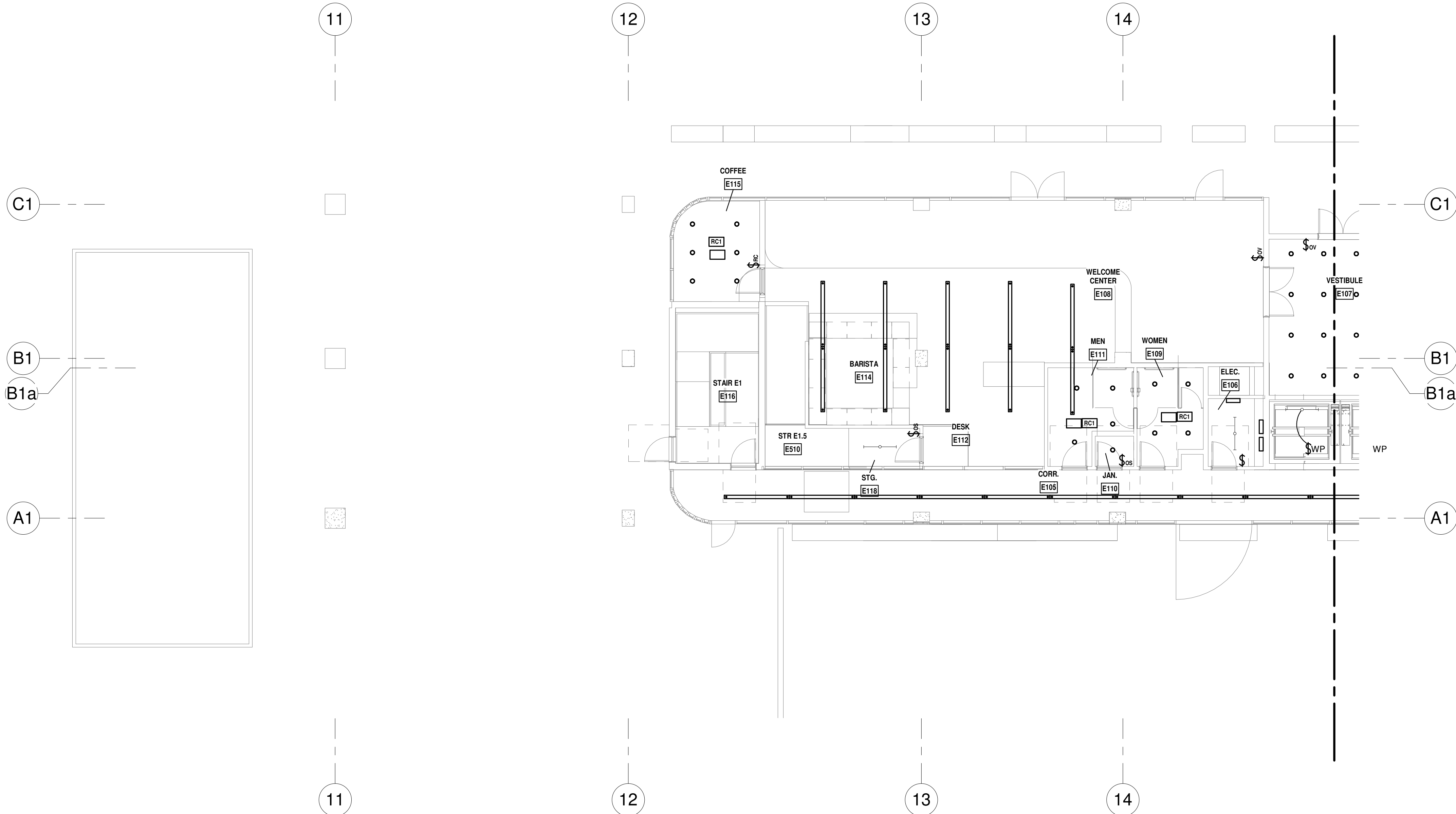
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ELECTRICAL SITE PLAN

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DATE: 06/03/2022  
SCALE: 3/32" = 1'-0"

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**E1-001**

CAM 23-0723  
Exhibit 1L  
Page 125 of 171





LEVEL 1 LIGHTING PLAN - NORTH  
1/8" = 1'-0" NORTH

LIGHTING CONTROLS FIRE ALARM OVERRIDE NOTE:

- LIFE SAFETY PATH OF EGRESS: PROVIDE AUTOMATIC LIGHTING CONTROL DEVICES (LIGHTING CONTROL: PANELS, OCCUPANCY SENSORS AND OTHER CONTROLS) CAPABLE TO BE OVERRIDDEN BY FIRE ALARM SYSTEM: AUTOMATIC LIGHTING CONTROLS TURN EMERGENCY LIGHTING FIXTURES "ON" AT 100% DURING FIRE ALARM ACTIVATION IN ORDER TO MAINTAIN EXIT AND EMERGENCY LIGHTING "ON" (POWER LOSS SENSING) DURING EMERGENCY SITUATIONS AS REQUIRED BY (FFPC 101.7.8.1.2).

LIGHTING PLAN GENERAL NOTES

- A. WIRE EXIT SIGNS AHEAD OF ALL SWITCHING.
- B. EXTEND THE NEUTRAL CONDUCTOR FOR THE CORRESPONDING BRANCH CIRCUIT OF THE CONTROLLED LIGHTING TO EACH SWITCH JUNCTION BOX LOCATION (NEC 404.2(C)).
- C. COORDINATE EXACT LOCATION OF THE CEILING LIGHTING CONTROL DEVICES FOR MAXIMUM COVERAGE WITH LIGHTING CONTROL SYSTEM PROVIDER.
- D. LOW VOLTAGE INTERCONNECTIONS AMONG LIGHTING CONTROL DEVICES IN ROOMS ARE NOT SHOWN ON THIS PLAN. REFER TO MANUFACTURER WIRING DIAGRAMS FOR INSTALLATION DETAILS.
- E. BEFORE FINAL INSPECTION A REGISTERED DESIGN PROFESSIONAL SHALL PROVIDE EVIDENCE THAT LIGHTING CONTROLS HAVE BEEN TESTED, CALIBRATED, ADJUSTED, PROGRAMMED AND ARE IN WORKING CONDITION AS REQUIRED BY 2020 FBC SECTIONS C408.3.1.1, C408.3.1.2 AND C408.3.1.3.
- F. WITHIN 90 DAYS AFTER CERTIFICATE OF OCCUPANCY OWNER SHALL BE PROVIDED WITH DOCUMENTS CERTIFYING THAT INSTALLED LIGHTING CONTROLS MEET PERFORMANCE CRITERIA (2020 FBC, SECTION C408.3.2)

PLAN GENERAL NOTE

FINAL LIGHTING LAYOUT AND FIXTURES TYPE TO BE DETERMINED BY ARCHITECT UPON CEILING PLANS DEVELOPMENT

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ISSUED FOR CONSTRUCTION

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PROGRESS SET

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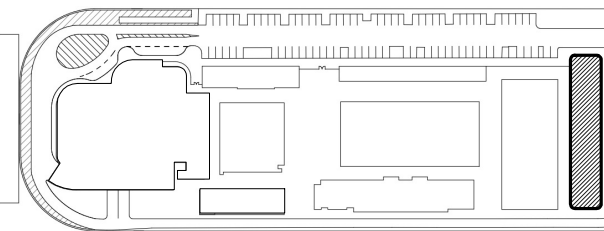
STRUCTURAL ENGINEER:  
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PROJECT  
ISHOF  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



DESCRIPTION DATE

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PROJECT NORTH:



DRAWING TITLE  
EAST BUILDING LEVEL 01 LIGHTING  
PLAN\_NORTH

PROJECT NUMBER: 010326.000

DATE: 06/03/2022

SCALE: As indicated

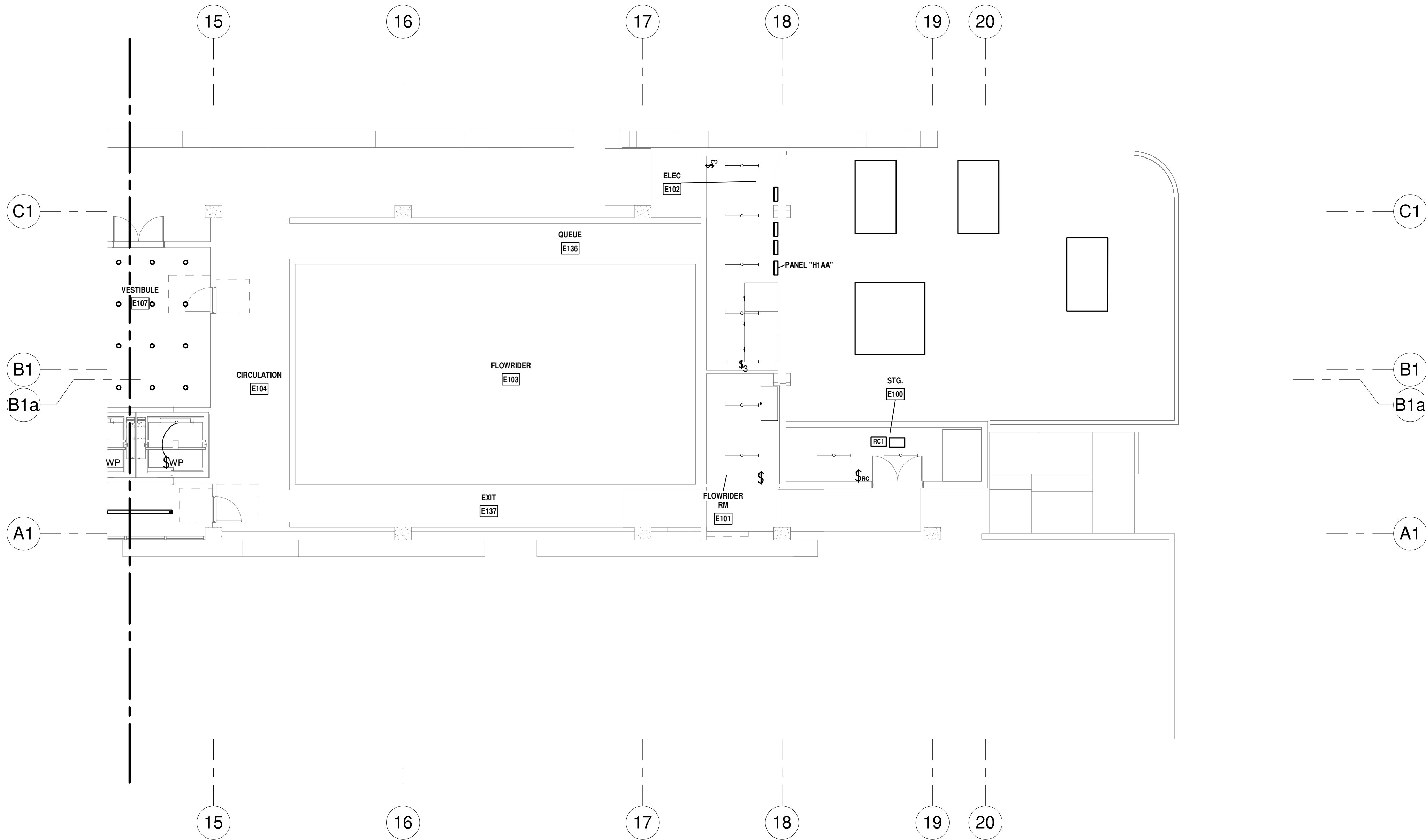
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**LEVEL 1 LIGHTING PLAN - SOUTH**  
1/8" = 1'-0" NORTH

PROGRESS SET

NOT FOR CONSTRUCTION

DATED: 06/17/22

PLAN GENERAL NOTE

FINAL LIGHTING LAYOUT AND FIXTURES  
TYPE TO BE DETERMINED BY ARCHITECT  
UPON CEILING PLANS DEVELOPMENT

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ISSUED FOR CONSTRUCTION

KAMM CONSULTING PROJECT #: 2020-0300  
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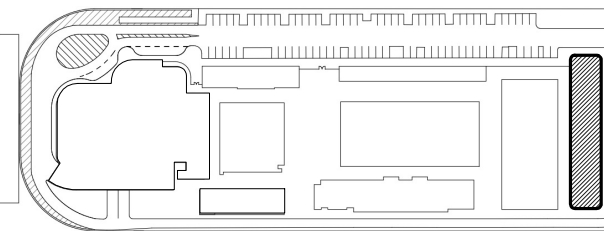
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PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



DESCRIPTION DATE

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CONSTRUCTION

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PROJECT NORTH:



DRAWING TITLE  
EAST BUILDING LEVEL 01 LIGHTING  
PLAN\_SOUTH

PROJECT NUMBER: 010326.000

DATE: 06/03/2022

SCALE: As indicated

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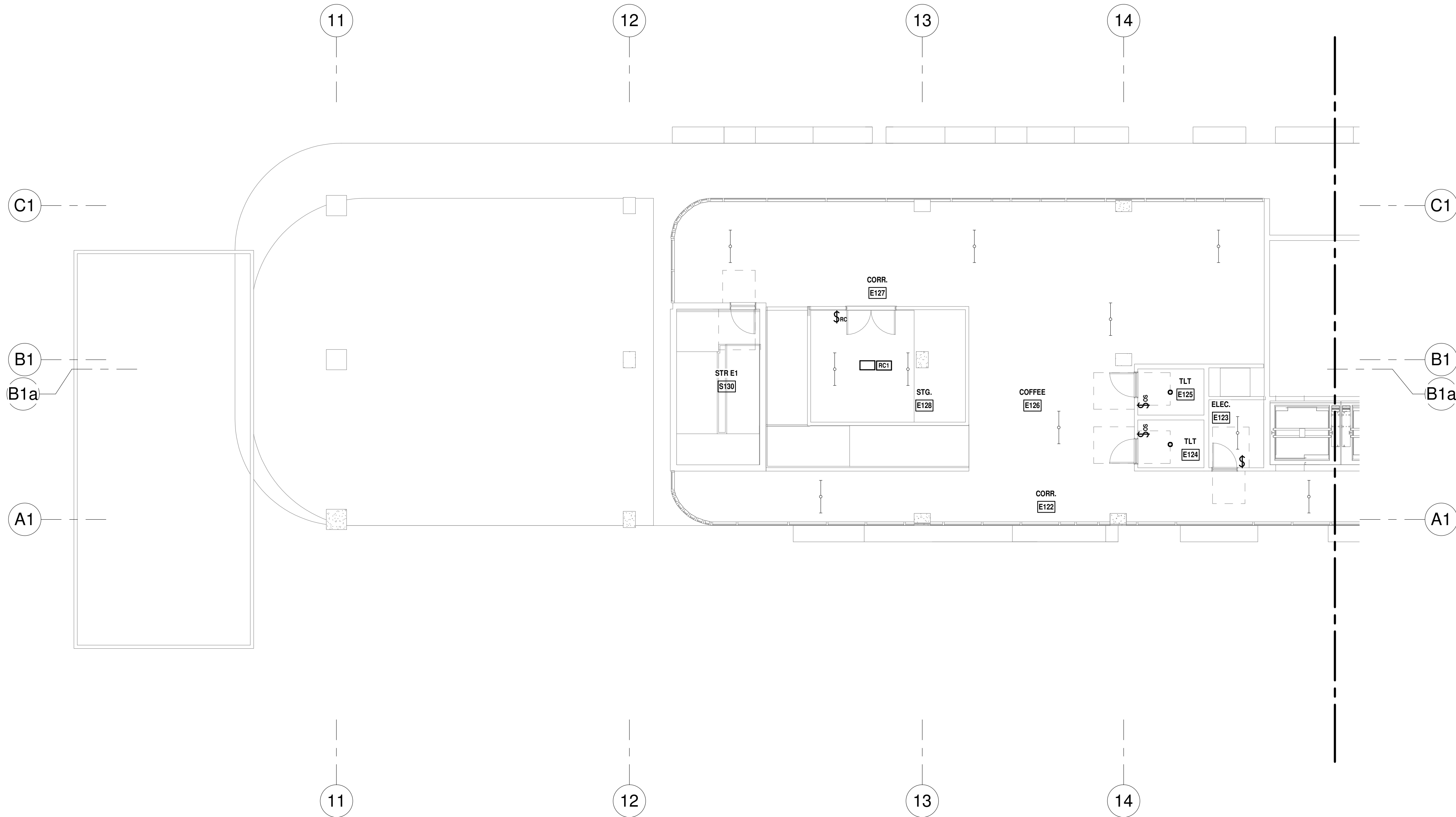
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CAM 23-0723  
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LEVEL 1 MEZZ LIGHTING PLAN - NORTH  
1/8" = 1'-0" NORTH

**LIGHTING CONTROLS FIRE ALARM OVERRIDE NOTE:**

- LIFE SAFETY PATH OF EGRESS: PROVIDE AUTOMATIC LIGHTING CONTROL DEVICES (LIGHTING CONTROL PANELS, OCCUPANCY SENSORS AND OTHER CONTROLS) CAPABLE TO BE OVERRIDDEN BY FIRE ALARM SYSTEM: AUTOMATIC LIGHTING CONTROLS TURN EMERGENCY LIGHTING FIXTURES "ON" AT 100% DURING FIRE ALARM ACTIVATION IN ORDER TO MAINTAIN EXIT AND EMERGENCY LIGHTING "ON" (POWER LOSS SENSING) DURING EMERGENCY SITUATIONS AS REQUIRED BY (FFPC 101.7.8.1.2).

**LIGHTING PLAN GENERAL NOTES**

A. WIRE EXIT SIGNS AHEAD OF ALL SWITCHING.

B. EXTEND THE NEUTRAL CONDUCTOR FOR THE CORRESPONDING BRANCH CIRCUIT OF THE CONTROLLED LIGHTING TO EACH SWITCH JUNCTION BOX LOCATION [NEC 404.2(C)]

C. COORDINATE EXACT LOCATION OF THE CEILING LIGHTING CONTROL DEVICES FOR MAXIMUM COVERAGE WITH LIGHTING CONTROL SYSTEM PROVIDER.

D. LOW VOLTAGE INTERCONNECTIONS AMONG LIGHTING CONTROL DEVICES IN ROOMS ARE NOT SHOWN ON THIS PLAN. REFER TO MANUFACTURER WIRING DIAGRAMS FOR INSTALLATION DETAILS.

E. BEFORE FINAL INSPECTION A REGISTERED DESIGN PROFESSIONAL SHALL PROVIDE EVIDENCE THAT LIGHTING CONTROLS HAVE BEEN TESTED, CALIBRATED, ADJUSTED, PROGRAMMED AND ARE IN WORKING CONDITION AS REQUIRED BY 2020 FBC SECTIONS C408.3.1.1, C408.3.1.2 AND C408.3.1.3.

F. WITHIN 90 DAYS AFTER CERTIFICATE OF OCCUPANCY OWNER SHALL BE PROVIDED WITH DOCUMENTS CERTIFYING THAT INSTALLED LIGHTING CONTROLS MEET PERFORMANCE CRITERIA (2020 FBC, SECTION C408.3.2)

PLAN GENERAL NOTE  
FINAL LIGHTING LAYOUT AND FIXTURES TYPE TO BE DETERMINED BY ARCHITECT UPON CEILING PLANS DEVELOPMENT

ISSUED FOR PERMIT  
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PROGRESS SET  
NOT FOR CONSTRUCTION  
DATED: 06/17/22

KAMM CONSULTING PROJECT #: 2020-0300  
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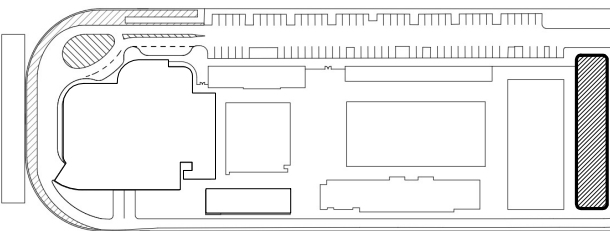
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**ISHOF**  
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KEY PLAN:



DESCRIPTION DATE

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PROJECT NORTH:



DRAWING TITLE

EAST BUILDING LEVEL 01 MEZZ  
LIGHTING PLAN\_NORTH

PROJECT NUMBER: 010326.000

DATE: 06/03/2022

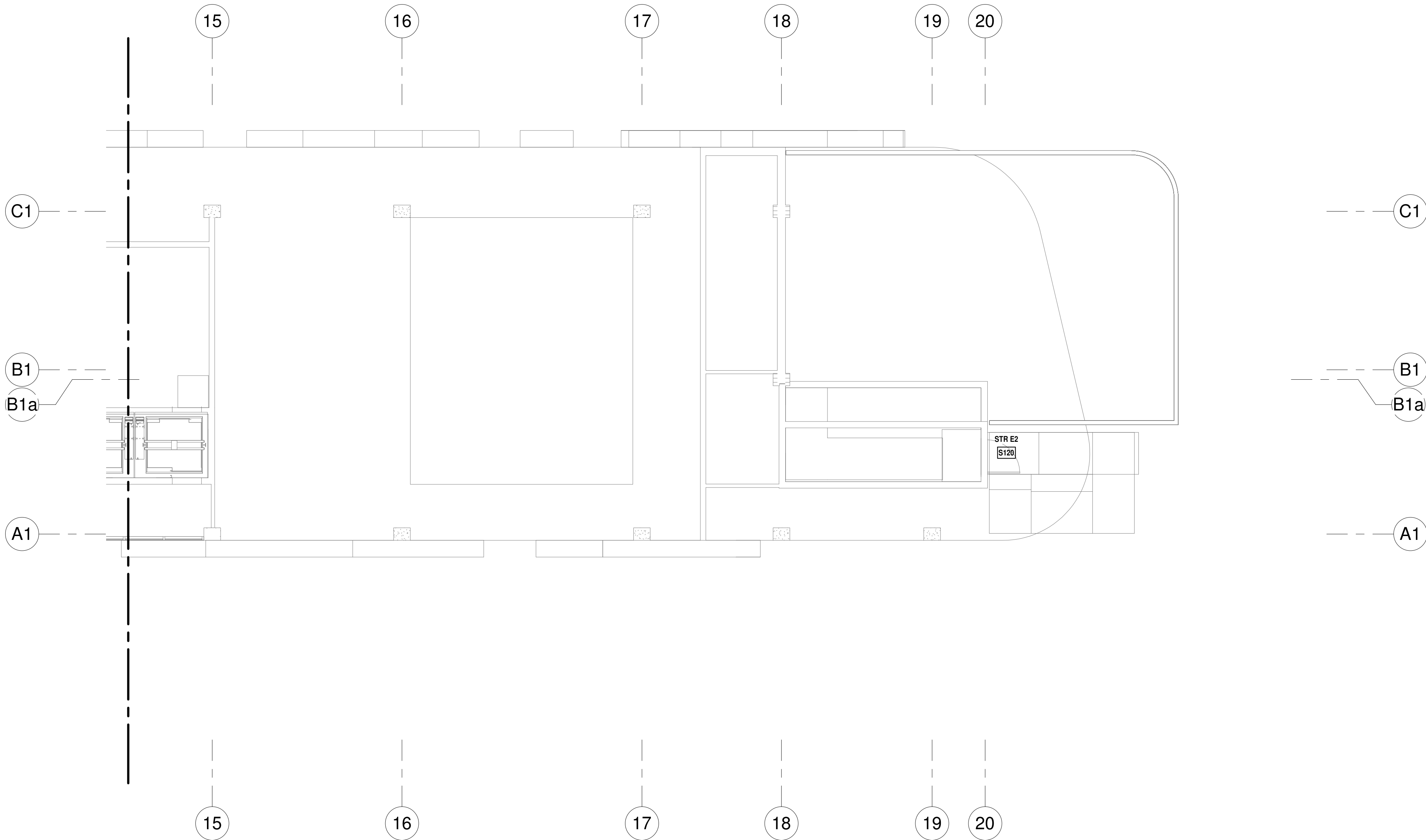
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**LEVEL 1 MEZZ LIGHTING PLAN - SOUTH**  
1/8" = 1'-0" NORTH

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ISSUED FOR CONSTRUCTION

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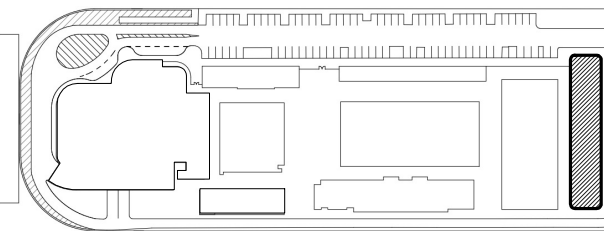
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PROJECT  
**ISHOF**  
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KEY PLAN:

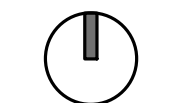


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CONSTRUCTION

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PROJECT NORTH:



DRAWING TITLE  
EAST BUILDING LEVEL 01 MEZZ  
LIGHTING PLAN\_SOUTH

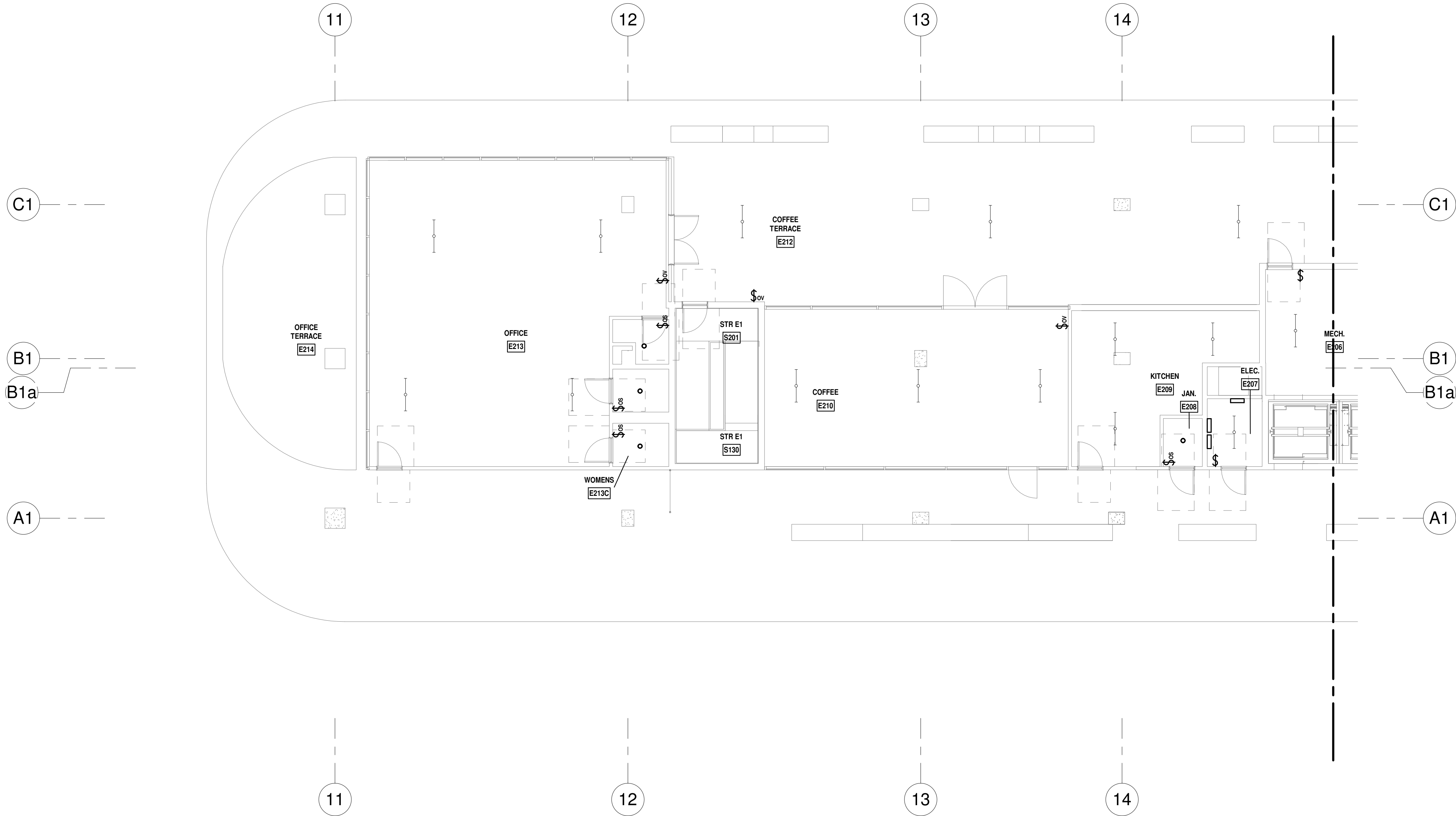
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LEVEL 2 LIGHTING PLAN - NORTH  
1/8" = 1'-0" NORTH

**LIGHTING CONTROLS FIRE ALARM OVERRIDE NOTE:**

- LIFE SAFETY PATH OF EGRESS: PROVIDE AUTOMATIC LIGHTING CONTROL DEVICES (LIGHTING CONTROL PANELS, OCCUPANCY SENSORS AND OTHER CONTROLS) CAPABLE TO BE OVERRIDDEN BY FIRE ALARM SYSTEM: AUTOMATIC LIGHTING CONTROLS TURN EMERGENCY LIGHTING FIXTURES "ON" AT 100% DURING FIRE ALARM ACTIVATION IN ORDER TO MAINTAIN EXIT AND EMERGENCY LIGHTING "ON" (POWER LOSS SENSING) DURING EMERGENCY SITUATIONS AS REQUIRED BY (FFPC 101.7.8.1.2).

**LIGHTING PLAN GENERAL NOTES**

- WIRE EXIT SIGNS AHEAD OF ALL SWITCHING.
- EXTEND THE NEUTRAL CONDUCTOR FOR THE CORRESPONDING BRANCH CIRCUIT OF THE CONTROLLED LIGHTING TO EACH SWITCH JUNCTION BOX LOCATION [NEC 404.2(C)].
- COORDINATE EXACT LOCATION OF THE CEILING LIGHTING CONTROL DEVICES FOR MAXIMUM COVERAGE WITH LIGHTING CONTROL SYSTEM PROVIDER.
- LOW VOLTAGE INTERCONNECTIONS AMONG LIGHTING CONTROL DEVICES IN ROOMS ARE NOT SHOWN ON THIS PLAN. REFER TO MANUFACTURER WIRING DIAGRAMS FOR INSTALLATION DETAILS.
- BEFORE FINAL INSPECTION A REGISTERED DESIGN PROFESSIONAL SHALL PROVIDE EVIDENCE THAT LIGHTING CONTROLS HAVE BEEN TESTED, CALIBRATED, ADJUSTED, PROGRAMMED AND ARE IN WORKING CONDITION AS REQUIRED BY 2020 FBC SECTIONS C408.3.1.1, C408.3.1.2 AND C408.3.1.3.
- WITHIN 90 DAYS AFTER CERTIFICATE OF OCCUPANCY OWNER SHALL BE PROVIDED WITH DOCUMENTS CERTIFYING THAT INSTALLED LIGHTING CONTROLS MEET PERFORMANCE CRITERIA (2020 FBC, SECTION C408.3.2)

**PLAN GENERAL NOTE**

FINAL LIGHTING LAYOUT AND FIXTURES TYPE TO BE DETERMINED BY ARCHITECT UPON CEILING PLANS DEVELOPMENT

ISSUED FOR PERMIT  
ISSUED FOR CONSTRUCTION

KAMM CONSULTING PROJECT #: 2020-0300  
PROJECT MANAGER: JOE ZIMMER

**KAMM** Consulting  
1407 West Newport Center Drive  
Deerfield Beach, Florida 33442  
Phone 954.949.2200 Fax 954.949.2201  
engineering@kammconsulting.com

Certification of Authorization #8189

PROGRESS SET

NOT FOR CONSTRUCTION

DATED: 06/17/22

**ARQUITECTONICA**

OWNER:  
Capital Group P3  
55 NE 5th Avenue, Suite 501  
Boca Raton, FL 33432  
TEL: 561.705.5353

ARCHITECT:  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

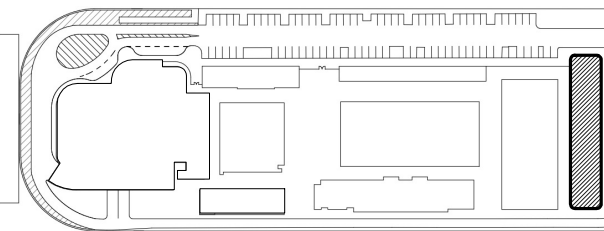
STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

MEP/FP ENGINEERS:  
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CIVIL ENGINEER:  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



DESCRIPTION DATE

NOT FOR  
CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:



DRAWING TITLE  
EAST BUILDING LEVEL 02 LIGHTING  
PLAN\_NORTH

PROJECT NUMBER: 010326.000

DATE: 06/03/2022

SCALE: As indicated

SHEET

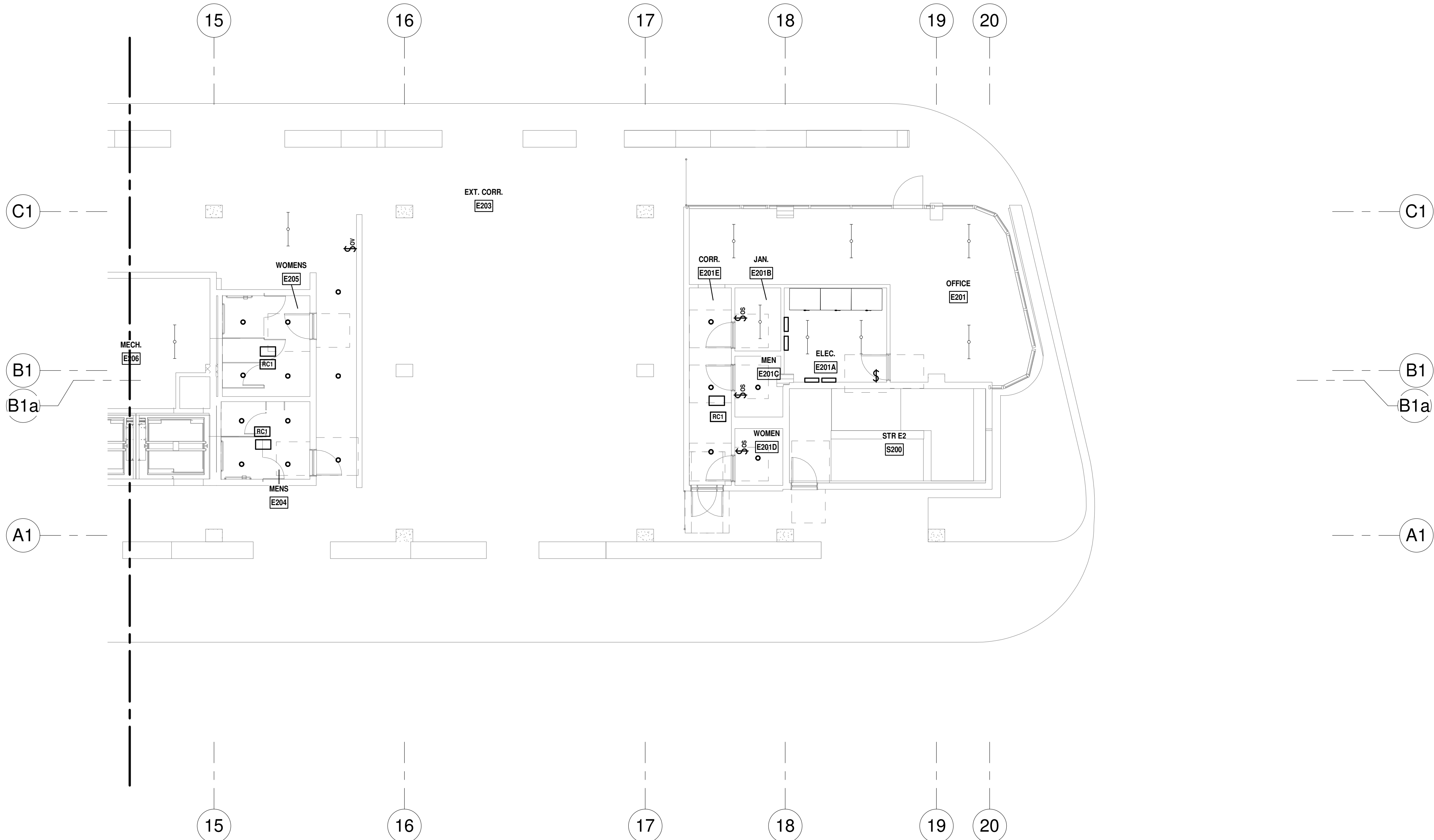
**E2-102-N**

CAM 23-0723  
Exhibit 1L  
Page 109 of 171



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**LEVEL 2 LIGHTING PLAN - SOUTH**  
1/8" = 1'-0" NORTH

**PLAN GENERAL NOTE**  
FINAL LIGHTING LAYOUT AND FIXTURES  
TYPE TO BE DETERMINED BY ARCHITECT  
UPON CEILING PLANS DEVELOPMENT

PROGRESS SET  
NOT FOR CONSTRUCTION  
DATED: 06/17/22

ISSUED FOR PERMIT	-
ISSUED FOR CONSTRUCTION	-
KAMM CONSULTING PROJECT #:	2020-0300
PROJECT MANAGER:	JOE ZIMMER
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Certification of Authorization #8189	06/17/22

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**MEP/FP ENGINEERS:**  
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

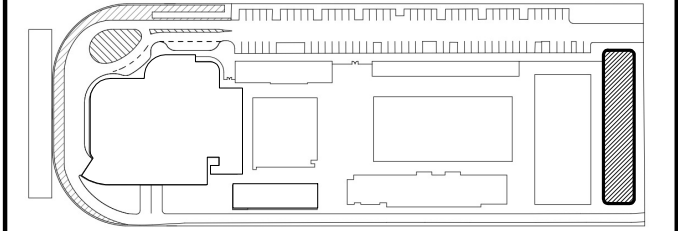
**CIVIL ENGINEER:**  
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2312 S ANDREWS AVE  
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TEL: 954.788.3400

PROJECT

**ISHOF**


1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



Δ	DESCRIPTION	DATE
<div>NOT FOR CONSTRUCTION</div>		

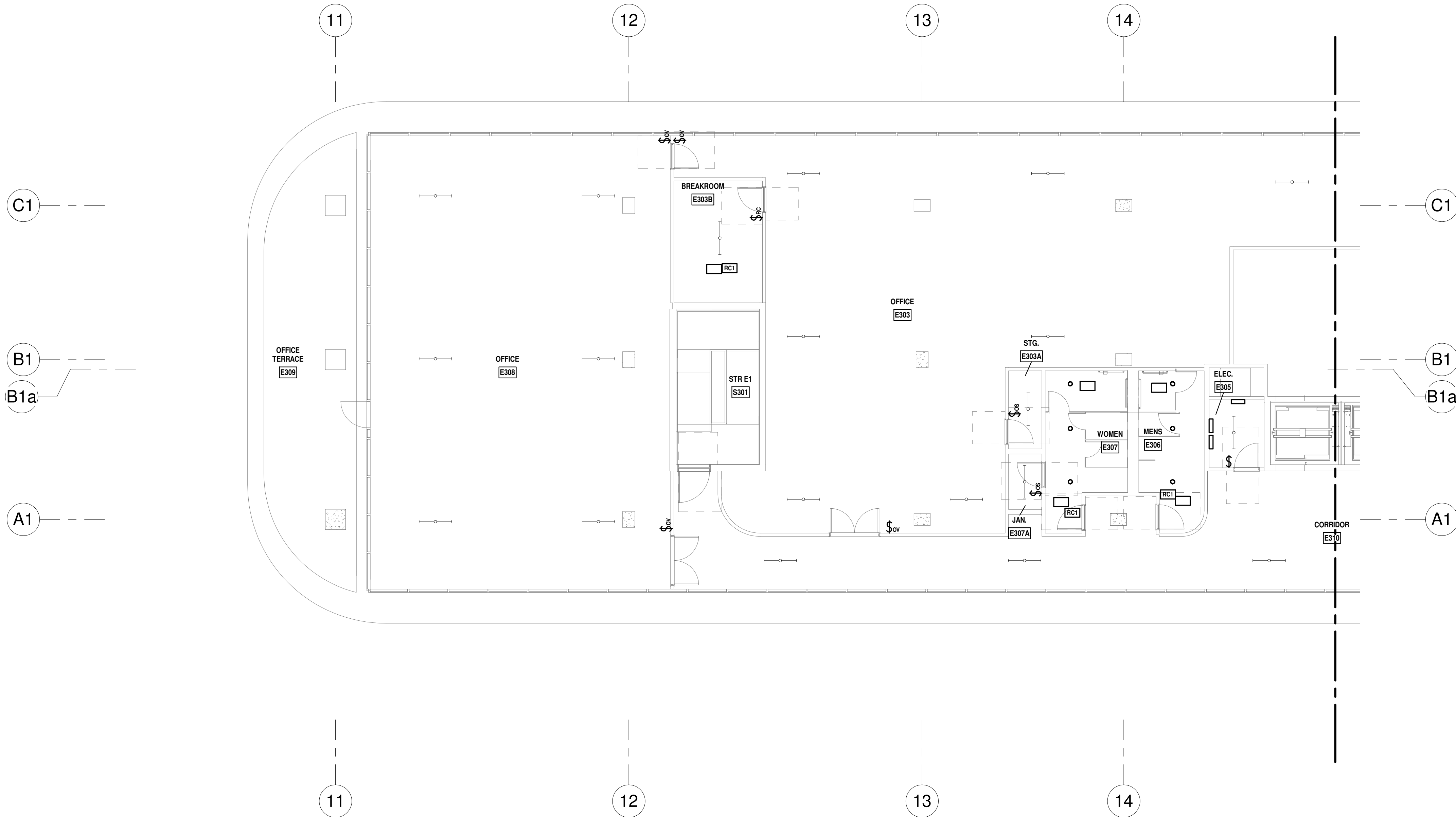
SEAL & SIGNATURE

PROJECT NORTH:	
DRAWING TITLE	
EAST BUILDING LEVEL 02 LIGHTING PLAN_SOUTH	
PROJECT NUMBER: 010326.000	DATE: 06/03/2022
SCALE: As indicated	
SHEET	
<b>E2-102-S</b>	
CAM 23-0723 Exhibit 1L Page 131 of 171	



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LEVEL 3 LIGHTING PLAN - NORTH  
1/8" = 1'-0" NORTH

LIGHTING CONTROLS FIRE ALARM OVERRIDE NOTE:

- LIFE SAFETY PATH OF EGRESS: PROVIDE AUTOMATIC LIGHTING CONTROL DEVICES (LIGHTING CONTROL PANELS, OCCUPANCY SENSORS AND OTHER CONTROLS) CAPABLE TO BE OVERRIDDEN BY FIRE ALARM SYSTEM: AUTOMATIC LIGHTING CONTROLS TURN EMERGENCY LIGHTING FIXTURES "ON" AT 100% DURING FIRE ALARM ACTIVATION IN ORDER TO MAINTAIN EXIT AND EMERGENCY LIGHTING "ON" (POWER LOSS SENSING) DURING EMERGENCY SITUATIONS AS REQUIRED BY (IFPC 101.7.8.1.2).

LIGHTING PLAN GENERAL NOTES

- WIRE EXIT SIGNS AHEAD OF ALL SWITCHING.
- EXTEND THE NEUTRAL CONDUCTOR FOR THE CORRESPONDING BRANCH CIRCUIT OF THE CONTROLLED LIGHTING TO EACH SWITCH JUNCTION BOX LOCATION [NEC 404.2(C)]
- COORDINATE EXACT LOCATION OF THE CEILING LIGHTING CONTROL DEVICES FOR MAXIMUM COVERAGE WITH LIGHTING CONTROL SYSTEM PROVIDER.
- LOW VOLTAGE INTERCONNECTIONS AMONG LIGHTING CONTROL DEVICES IN ROOMS ARE NOT SHOWN ON THIS PLAN. REFER TO MANUFACTURER WIRING DIAGRAMS FOR INSTALLATION DETAILS.
- BEFORE FINAL INSPECTION A REGISTERED DESIGN PROFESSIONAL SHALL PROVIDE EVIDENCE THAT LIGHTING CONTROLS HAVE BEEN TESTED, CALIBRATED, ADJUSTED, PROGRAMMED AND ARE IN WORKING CONDITION AS REQUIRED BY 2020 FBC SECTIONS C408.3.1.1, C408.3.1.2 AND C408.3.1.3.
- WITHIN 90 DAYS AFTER CERTIFICATE OF OCCUPANCY OWNER SHALL BE PROVIDED WITH DOCUMENTS CERTIFYING THAT INSTALLED LIGHTING CONTROLS MEET PERFORMANCE CRITERIA (2020 FBC, SECTION C408.3.2)

PLAN GENERAL NOTE

FINAL LIGHTING LAYOUT AND FIXTURES TYPE TO BE DETERMINED BY ARCHITECT UPON CEILING PLANS DEVELOPMENT

ISSUED FOR PERMIT  
ISSUED FOR CONSTRUCTION

KAMM CONSULTING PROJECT #: 2020-0300  
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engineering@kammconsulting.com  
06/17/22

Certification of Authorization #8189

PROGRESS SET

NOT FOR CONSTRUCTION

DATED: 06/17/22

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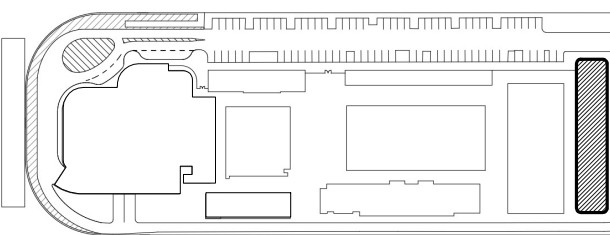
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PROJECT  
ISHOF  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



DESCRIPTION DATE

NOT FOR  
CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:



DRAWING TITLE

EAST BUILDING LEVEL 03 LIGHTING  
PLAN\_NORTH

PROJECT NUMBER: 010326.000

DATE: 06/03/2022

SCALE: As indicated

SHEET

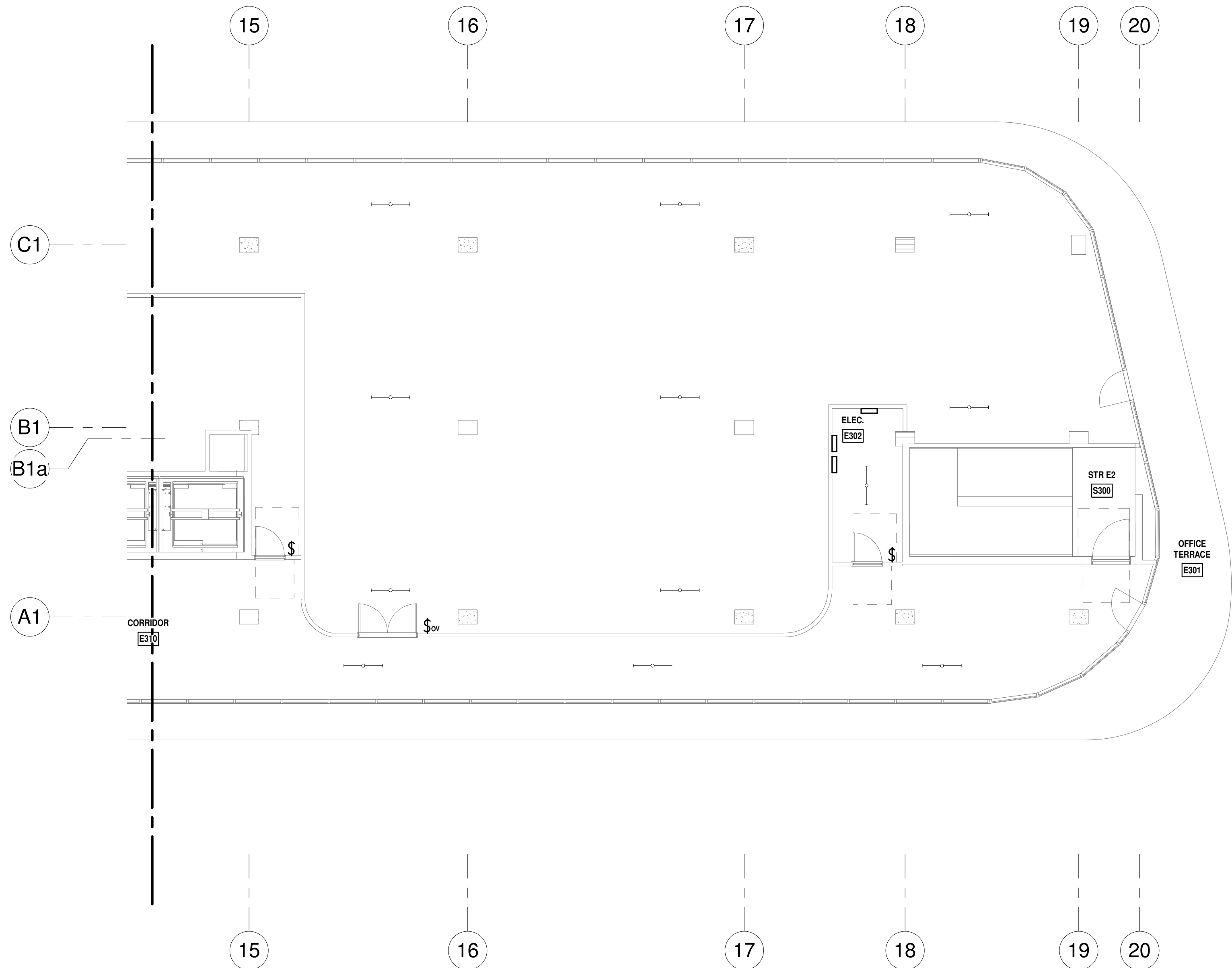
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CAM 23-0723  
Exhibit 1L  
Page 102 of 171



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**LEVEL 3 LIGHTING PLAN - SOUTH**  
1/8" = 1'-0" NORTH

PROGRESS SET

NOT FOR CONSTRUCTION

DATED: 06/17/22

PLAN GENERAL NOTE

FINAL LIGHTING LAYOUT AND FIXTURES  
TYPE TO BE DETERMINED BY ARCHITECT  
UPON CEILING PLANS DEVELOPMENT

ISSUED FOR PERMIT  
ISSUED FOR CONSTRUCTION

KAMM CONSULTING PROJECT #: 2020-0300  
PROJECT MANAGER: JOE ZIMMER

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06/17/22

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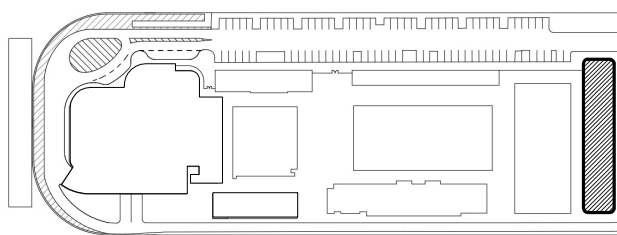
STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
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PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



DESCRIPTION DATE

NOT FOR  
CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:



DRAWING TITLE  
EAST BUILDING LEVEL 03 LIGHTING  
PLAN\_SOUTH

PROJECT NUMBER: 010326.000

DATE: 06/03/2022

SCALE: As indicated

SHEET

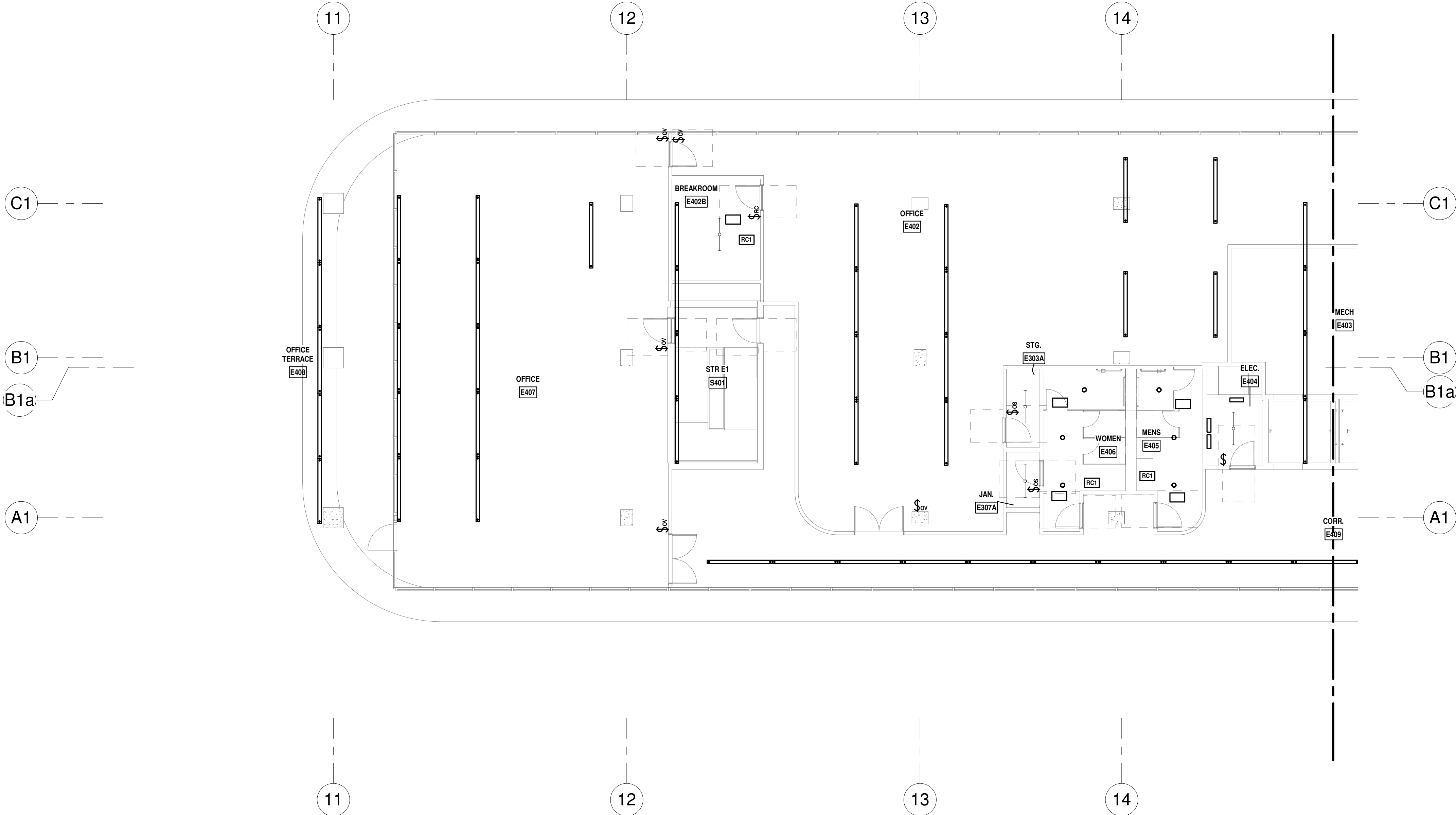
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LEVEL 4 LIGHTING PLAN - NORTH  
1/8" = 1'-0" NORTH

- LIGHTING CONTROLS FIRE ALARM OVERRIDE NOTE:**
  - LIFE SAFETY PATH OF EGRESS: PROVIDE AUTOMATIC LIGHTING CONTROL DEVICES (LIGHTING CONTROL PANELS, OCCUPANCY SENSORS AND OTHER CONTROLS) CAPABLE TO BE OVERRIDDEN BY FIRE ALARM SYSTEM; AUTOMATIC LIGHTING CONTROLS TURN EMERGENCY LIGHTING FIXTURES "ON" AT 100% DURING FIRE ALARM ACTIVATION IN ORDER TO MAINTAIN EXIT AND EMERGENCY LIGHTING "ON" (POWER LOSS SENSING) DURING EMERGENCY SITUATIONS AS REQUIRED BY (FFPC 101.7.6.1.2).
- LIGHTING PLAN GENERAL NOTES**
  - WIRE EXIT SIGNS AHEAD OF ALL SWITCHING.
  - EXTEND THE NEUTRAL CONDUCTOR FOR THE CORRESPONDING BRANCH CIRCUIT OF THE CONTROLLED LIGHTING TO EACH SWITCH JUNCTION BOX LOCATION [NEC 404.2(C)]
  - COORDINATE EXACT LOCATION OF THE CEILING LIGHTING CONTROL DEVICES FOR MAXIMUM COVERAGE WITH LIGHTING CONTROL SYSTEM PROVIDER.
  - LOW VOLTAGE INTERCONNECTIONS AMONG LIGHTING CONTROL DEVICES IN ROOMS ARE NOT SHOWN ON THIS PLAN. REFER TO MANUFACTURER WIRING DIAGRAMS FOR INSTALLATION DETAILS.
  - BEFORE FINAL INSPECTION A REGISTERED DESIGN PROFESSIONAL SHALL PROVIDE EVIDENCE THAT LIGHTING CONTROLS HAVE BEEN TESTED, CALIBRATED, ADJUSTED, PROGRAMMED AND ARE IN WORKING CONDITION AS REQUIRED BY 2020 FBC SECTIONS C408.3.1.1, C408.3.1.2 AND C408.3.1.3.
  - WITHIN 90 DAYS AFTER CERTIFICATE OF OCCUPANCY OWNER SHALL BE PROVIDED WITH DOCUMENTS CERTIFYING THAT INSTALLED LIGHTING CONTROLS MEET PERFORMANCE CRITERIA (2020 FBC, SECTION C408.3.2)

PLAN GENERAL NOTE  
ARCHITECTURAL LIGHTING LAYOUT SHOWN ON THIS PLAN REQUIRES COORDINATION

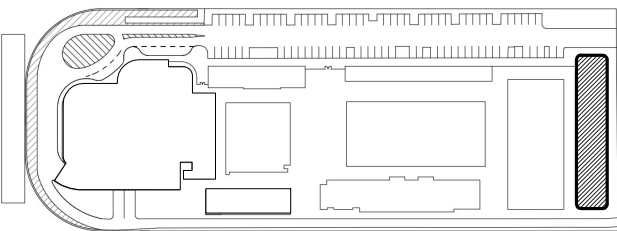
PROGRESS SET  
NOT FOR CONSTRUCTION  
DATED: 06/17/22

ISSUED FOR PERMIT	-
ISSUED FOR CONSTRUCTION	-
KAMM CONSULTING PROJECT #:	2020-0300
PROJECT MANAGER:	JOE ZIMMER
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Certification of Authorization #8189	06/17/22

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TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



Δ	DESCRIPTION	DATE
---	-------------	------

NOT FOR CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:



DRAWING TITLE

EAST BUILDING LEVEL 04 LIGHTING  
PLAN\_NORTH

PROJECT NUMBER: 010326.000

DATE: 06/03/2022

SCALE: As indicated

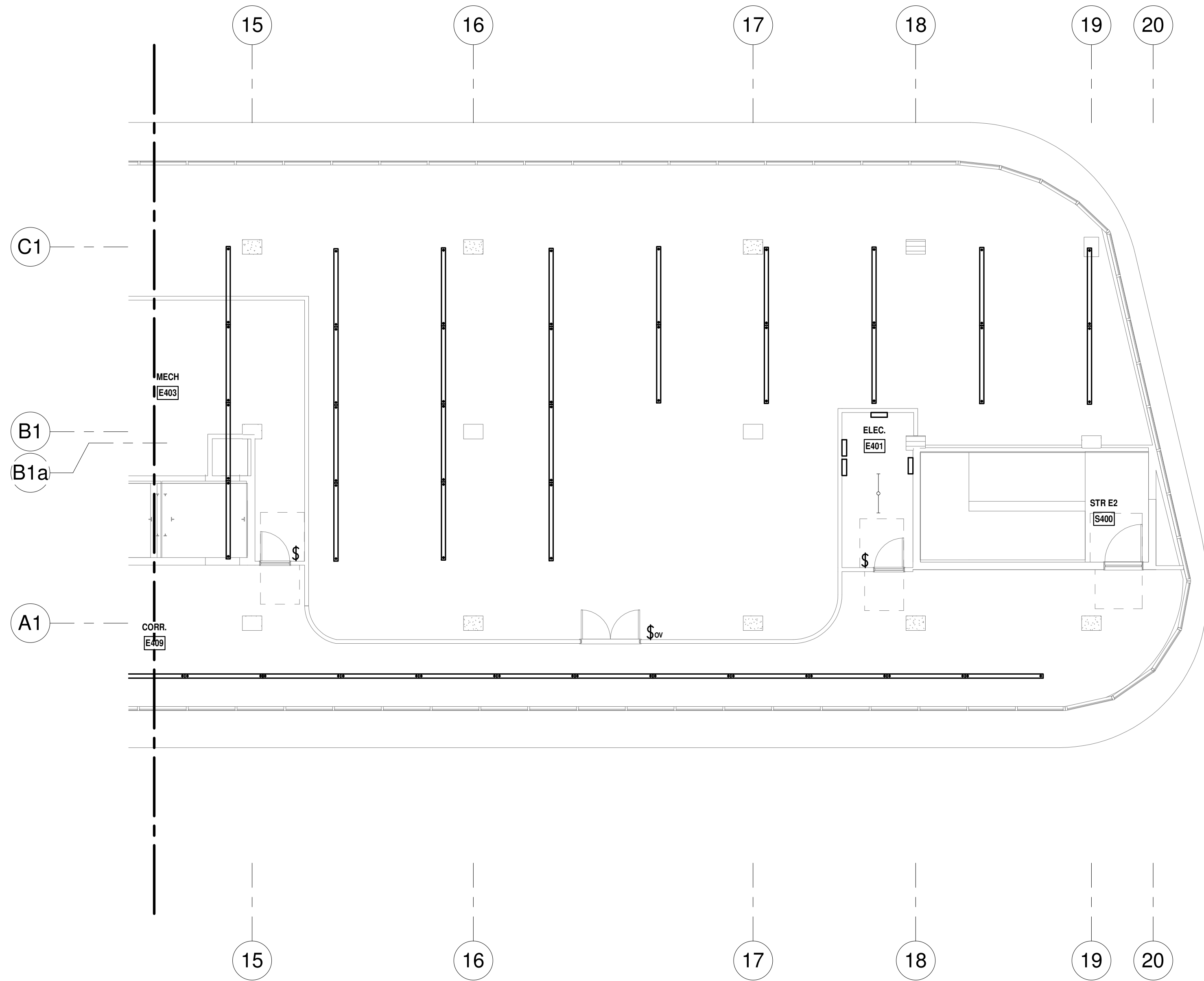
SHEET

E2-104-N

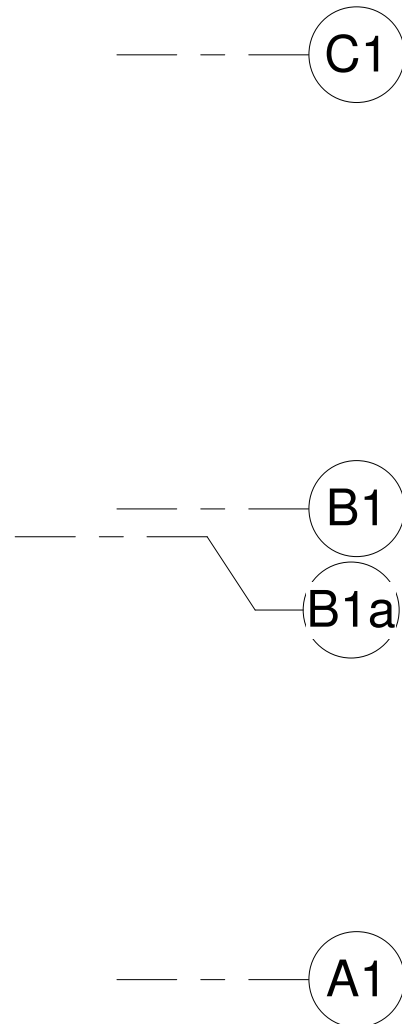


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LEVEL 4 LIGHTING PLAN - SOUTH  
1/8" = 1'-0" NORTH



PLAN GENERAL NOTE  
ARCHITECTURAL LIGHTING LAYOUT SHOWN  
ON THIS PLAN REQUIRES COORDINATION

PROGRESS SET  
NOT FOR CONSTRUCTION  
DATED: 06/17/22

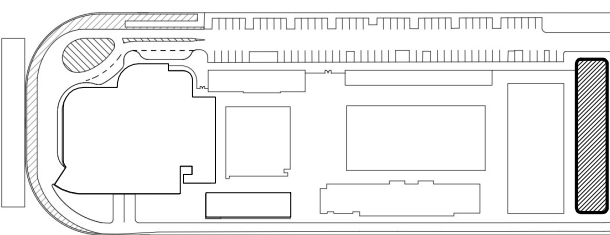
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ISSUED FOR CONSTRUCTION  
KAMM CONSULTING PROJECT #: 2020-0300  
PROJECT MANAGER: JOE ZIMMER  
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06/17/22  
Certification of Authorization #8189

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TEL: 954.788.3400

PROJECT  
ISHOF  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:

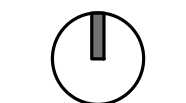


DESCRIPTION DATE

NOT FOR  
CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:



DRAWING TITLE  
EAST BUILDING LEVEL 04 LIGHTING  
PLAN\_SOUTH

PROJECT NUMBER: 010326.000

DATE: 06/03/2022

SCALE: As indicated

SHEET

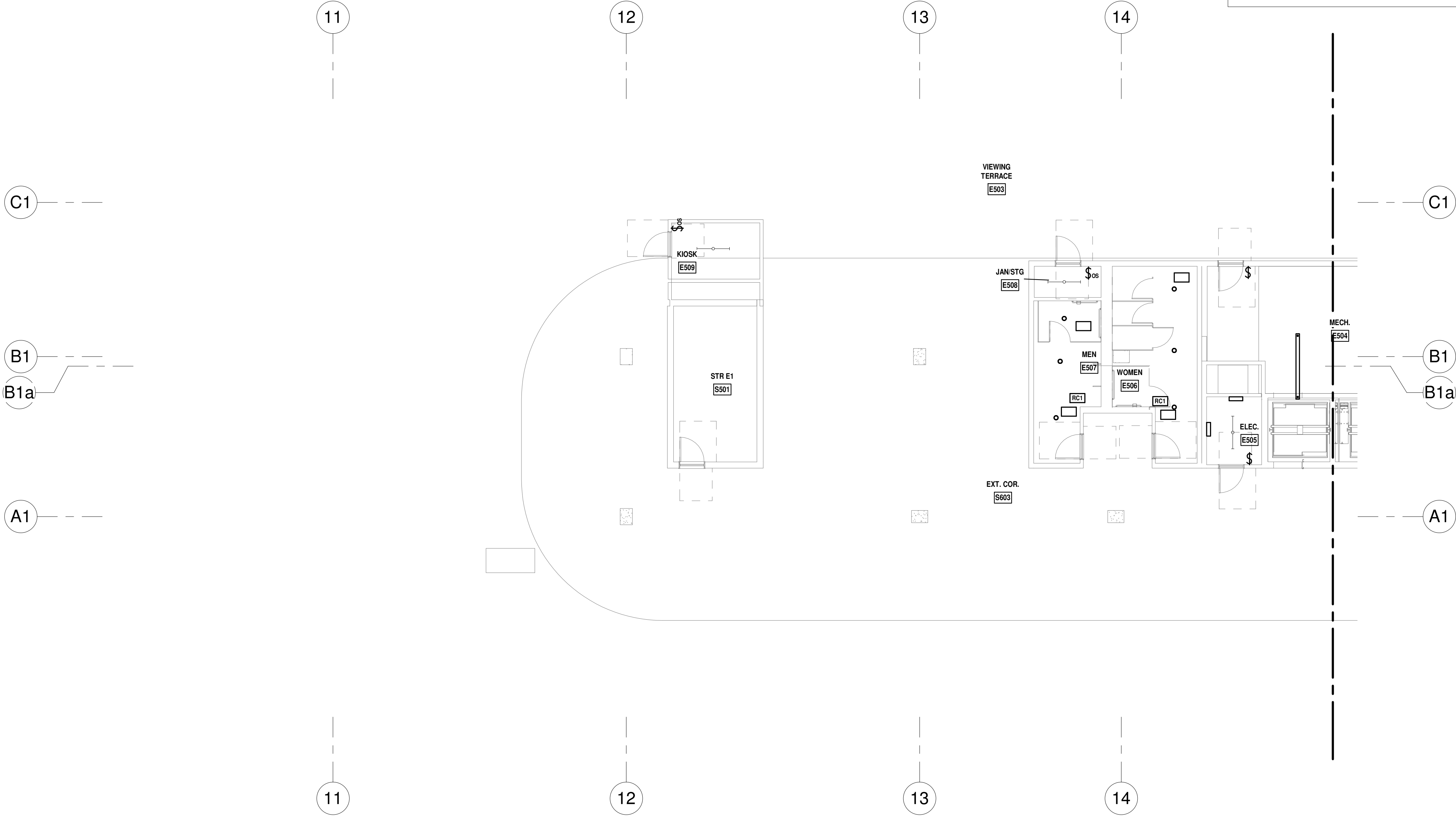
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Page 105 of 171



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LEVEL 5 LIGHTING PLAN - NORTH  
1/8" = 1'-0" NORTH

LIGHTING CONTROLS FIRE ALARM OVERRIDE NOTE:

- LIFE SAFETY PATH OF EGRESS: PROVIDE AUTOMATIC LIGHTING CONTROL DEVICES (LIGHTING CONTROL PANELS, OCCUPANCY SENSORS AND OTHER CONTROLS) CAPABLE TO BE OVERRIDDEN BY FIRE ALARM SYSTEM: AUTOMATIC LIGHTING CONTROLS TURN EMERGENCY LIGHTING FIXTURES "ON" AT 100% DURING FIRE ALARM ACTIVATION IN ORDER TO MAINTAIN EXIT AND EMERGENCY LIGHTING "ON" (POWER LOSS SENSING) DURING EMERGENCY SITUATIONS AS REQUIRED BY (FFPC 101.7.8.1.2).

LIGHTING PLAN GENERAL NOTES

- A. WIRE EXIT SIGNS AHEAD OF ALL SWITCHING.
- B. EXTEND THE NEUTRAL CONDUCTOR FOR THE CORRESPONDING BRANCH CIRCUIT OF THE CONTROLLED LIGHTING TO EACH SWITCH JUNCTION BOX LOCATION (NEC 404.2(C))
- C. COORDINATE EXACT LOCATION OF THE CEILING LIGHTING CONTROL DEVICES FOR MAXIMUM COVERAGE WITH LIGHTING CONTROL SYSTEM PROVIDER.
- D. LOW VOLTAGE INTERCONNECTIONS AMONG LIGHTING CONTROL DEVICES IN ROOMS ARE NOT SHOWN ON THIS PLAN. REFER TO MANUFACTURER WIRING DIAGRAMS FOR INSTALLATION DETAILS.
- E. BEFORE FINAL INSPECTION A REGISTERED DESIGN PROFESSIONAL SHALL PROVIDE EVIDENCE THAT LIGHTING CONTROLS HAVE BEEN TESTED, CALIBRATED, ADJUSTED, PROGRAMMED AND ARE IN WORKING CONDITION AS REQUIRED BY 2020 FBC SECTIONS C408.3.1.1, C408.3.1.2 AND C408.3.1.3.
- F. WITHIN 90 DAYS AFTER CERTIFICATE OF OCCUPANCY OWNER SHALL BE PROVIDED WITH DOCUMENTS CERTIFYING THAT INSTALLED LIGHTING CONTROLS MEET PERFORMANCE CRITERIA (2020 FBC, SECTION C408.3.2)

PROGRESS SET

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DATED: 06/17/22

ISSUED FOR PERMIT  
ISSUED FOR CONSTRUCTION

KAMM CONSULTING PROJECT #: 2020-0300  
PROJECT MANAGER: JOE ZIMMER



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06/17/22

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ARCHITECT:  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

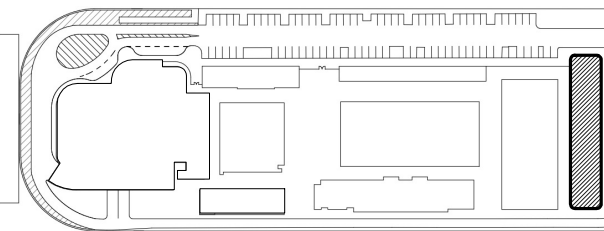
STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

MEP/FP ENGINEERS:  
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CIVIL ENGINEER:  
KEITH  
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TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



DESCRIPTION DATE

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CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:



DRAWING TITLE  
EAST BUILDING LEVEL 05 LIGHTING  
PLAN\_NORTH

PROJECT NUMBER: 010326.000

DATE: 06/03/2022

SCALE: As indicated

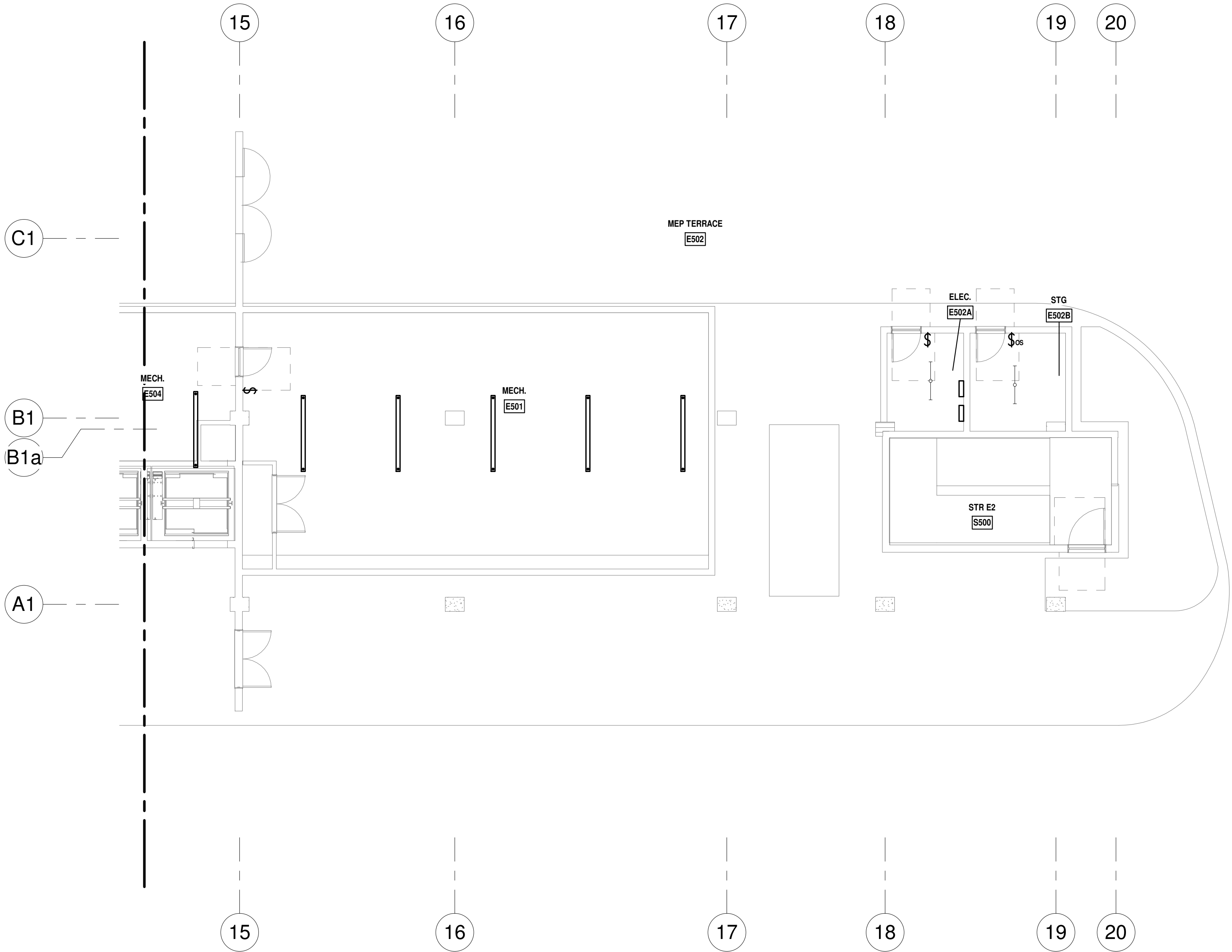
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LEVEL 5 LIGHTING PLAN - SOUTH  
1/8" = 1'-0" NORTH

PLAN GENERAL NOTE  
ARCHITECTURAL LIGHTING LAYOUT SHOWN  
ON THIS PLAN REQUIRES COORDINATION

PROGRESS SET  
NOT FOR CONSTRUCTION  
DATED: 06/17/22

ISSUED FOR PERMIT	-
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KAMM CONSULTING PROJECT #:	2020-0300
PROJECT MANAGER:	JOE ZIMMER
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Certification of Authorization #8189	06/17/22

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**ARCHITECT:**  
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MIAMI, FL 33133  
TEL: 305.372.1812

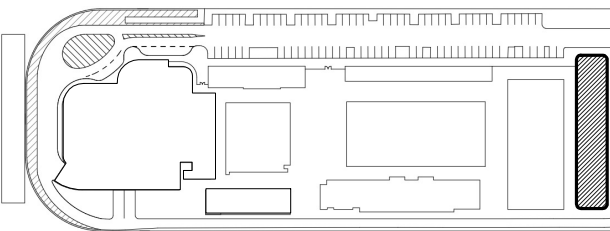
**STRUCTURAL ENGINEER:**  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

**MEP/FP ENGINEERS:**  
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TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

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Δ	DESCRIPTION	DATE
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PROJECT NORTH:



DRAWING TITLE

EAST BUILDING LEVEL 05 LIGHTING  
PLAN\_SOUTH

PROJECT NUMBER: 010326.000

DATE: 06/03/2022

SCALE: As indicated

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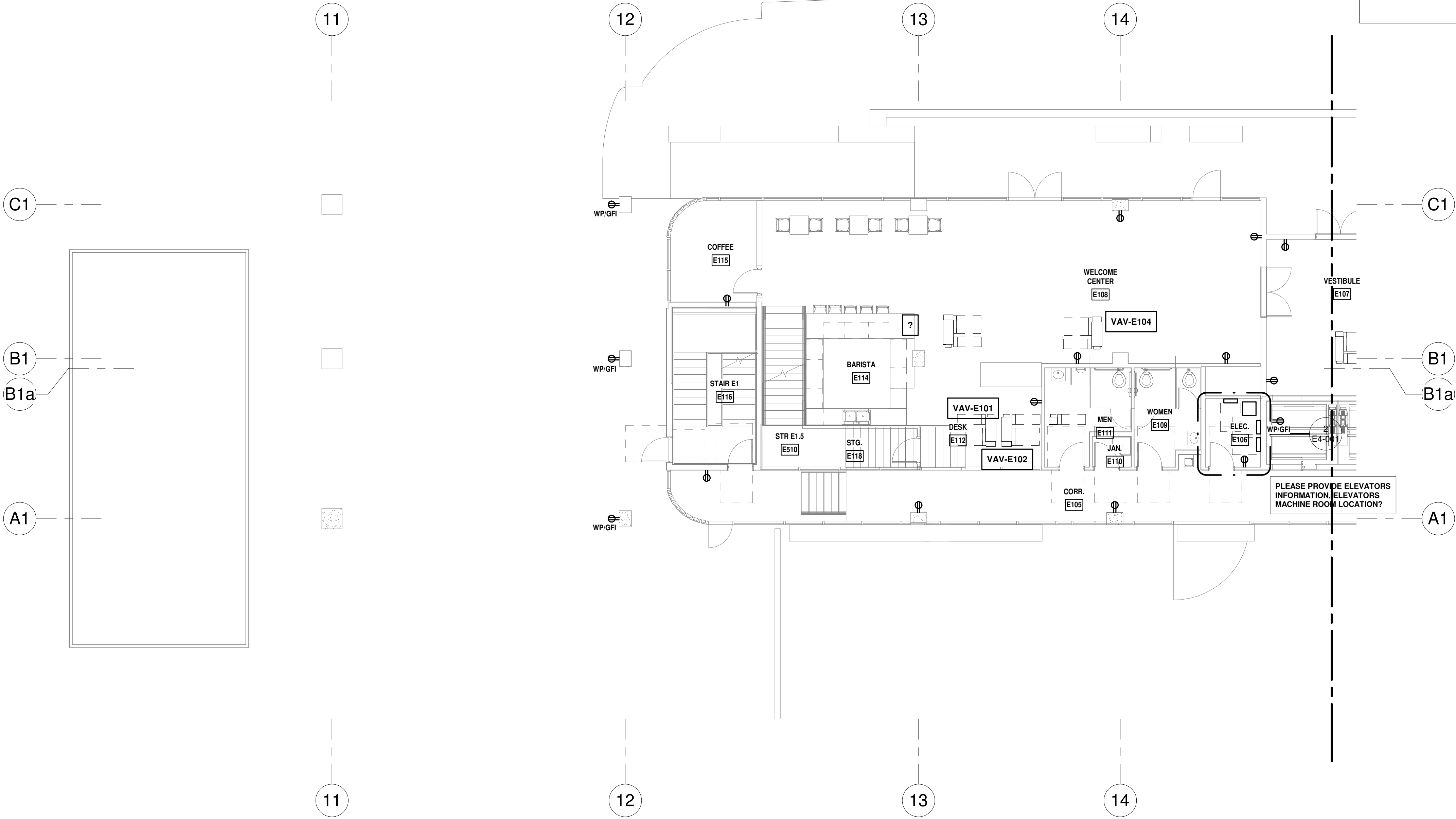
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LEVEL 1 POWER PLAN - NORTH  
1/8" = 1'-0" NORTH

LEVEL 01 - MECHANICAL EQUIPMENT  
FEEDER SCHEDULE

EQUIPMENT DESCRIPTION	FEEDER DESIGNATION	DISCONNECT			MOTOR STARTER	KEY NOTES
		FRAME	FUSE	POLES		
VAV-E101	-		A	2	-	-
VAV-E102	-		A	2	-	-
VAV-E103	-		A	2	-	-
VAV-E104	-		A	2	-	-
VAV-E105	-		A	1	-	-

- SCHEDULE KEY NOTES:**

  - A WIRE CIRCUIT THRU DISCONNECTING MEANS FURNISHED WITH EQUIPMENT.
  - B CONNECT MOTORIZED DAMPER TO CLOSEST BRANCH CIRCUIT IN THE AREA. MOTOR LESS THAN 1/8HP. DISCONNECTING MEANS IS THE BRANCH CIRCUIT OCPD. [NEC 430.109(B)].
  - C EXHAUST FAN OPERATION TO RUN CONTINUOUSLY COORDINATE WITH MECHANICAL
- GENERAL NOTES:**

  - WIRE FEEDER THRU DISCONNECT STARTER AND CONNECT EQUIPMENT FOR OPERATION.
  - MOUNT DISCONNECT/STARTER IMMEDIATELY ADJACENT TO EQUIPMENT SERVE. LOCATE DISCONNECT/STARTER TO PROVIDE ACCESS AND WORKING CLEARANCE AS REQUIRED BY NEC

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PROGRESS SET  
NOT FOR CONSTRUCTION  
DATED: 06/17/22

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KAMM CONSULTING PROJECT #: 2020-0300  
PROJECT MANAGER: JOE ZIMMER  
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Certification of Authorization #8189

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TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:

DESCRIPTION	DATE
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PROJECT NORTH:

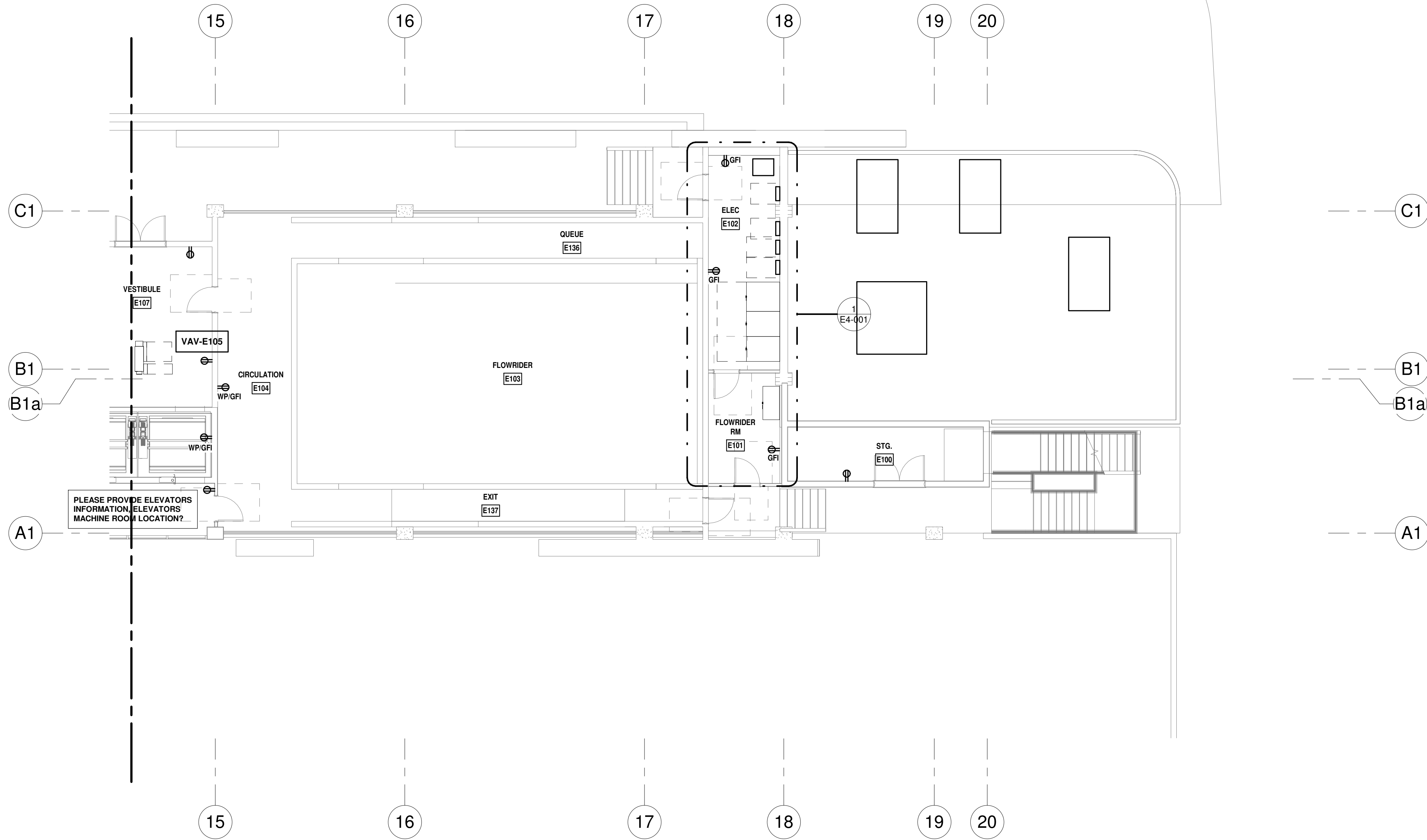
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PLAN\_NORTH

PROJECT NUMBER: 010326.000  
DATE: 06/03/2022  
SCALE: As indicated  
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LEVEL 1 POWER PLAN - SOUTH  
1/8" = 1'-0" NORTH

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KAMM CONSULTING PROJECT #:	2020-0300
PROJECT MANAGER:	JOE ZIMMER
	1407 West Newport Center Drive Deerfield Beach, Florida 33442 Phone 954.949.2200 Fax 954.949.2201 engineering@kammconsulting.com
Certification of Authorization #8189	06/17/22

PROGRESS SET

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DATED: 06/17/22

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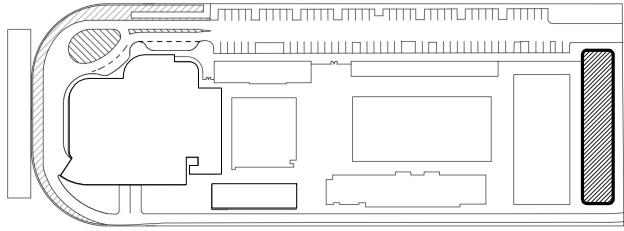
CIVIL ENGINEER:  
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TEL: 954.788.3400

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EAST BLDG LEVEL 01 POWER PLAN\_SOUTH

PROJECT NUMBER: 010326.000

DATE: 06/03/2022

SCALE: 1/8" = 1'-0"

SHEET

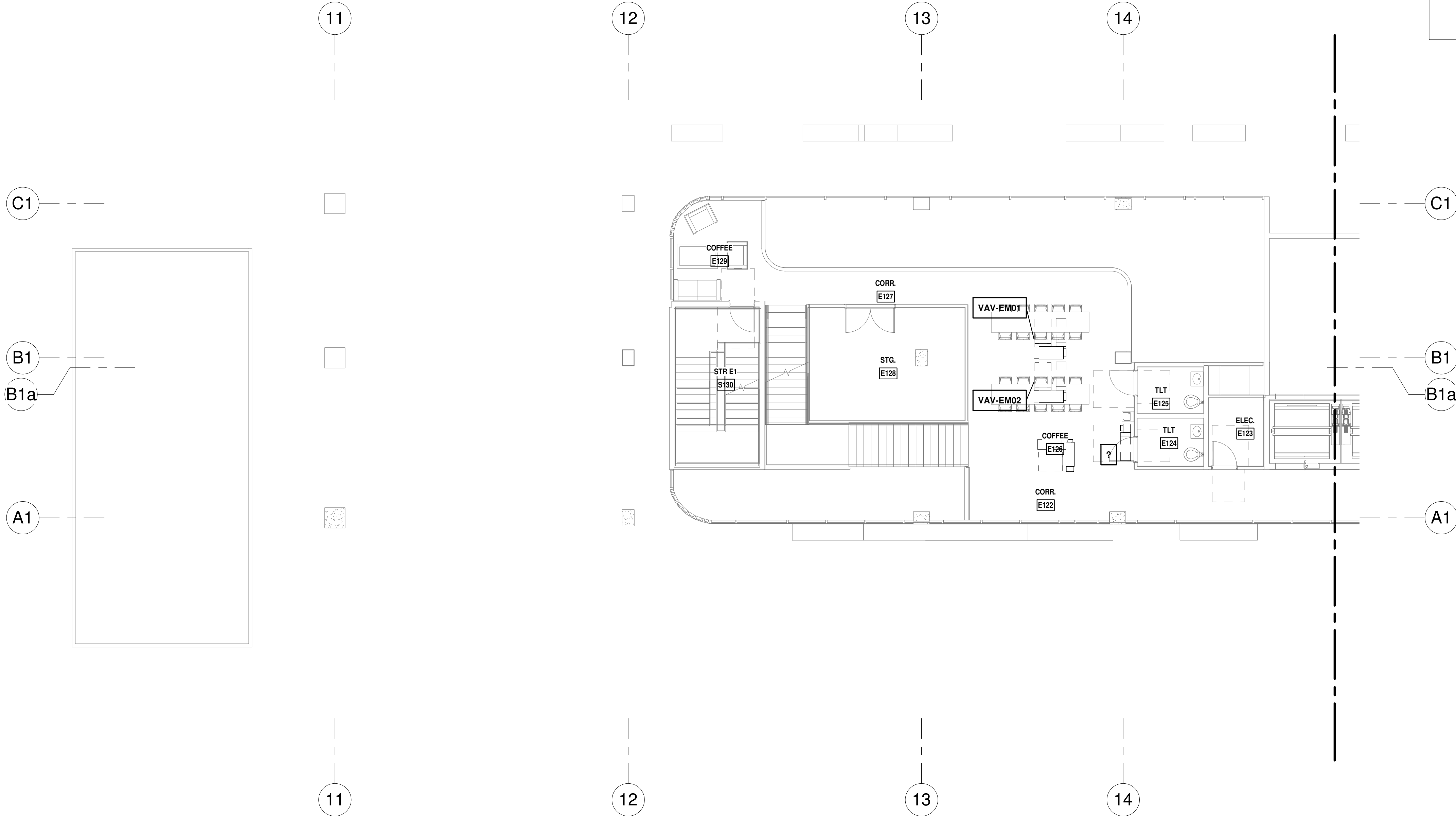
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**LEVEL 1 MEZZ POWER PLAN - NORTH**  
1/8" = 1'-0" NORTH

**LEVEL MZZN - MECHANICAL EQUIPMENT**

**FEEDER SCHEDULE**

EQUIPMENT DESCRIPTION	FEEDER DESIGNATION	DISCONNECT			MOTOR STARTER	KEY NOTES
		FRAME	FUSE	POLES		
VAV-EM01	-		A	2	-	-
VAV-EM02	-		A	2	-	-
VAV-EM03	-		A	1	-	-

- SCHEDULE KEY NOTES:**

  - ① WIRE CIRCUIT THRU DISCONNECTING MEANS FURNISHED WITH EQUIPMENT.
  - ② CONNECT MOTORIZED DAMPER TO CLOSEST BRANCH CIRCUIT IN THE AREA. MOTOR LESS THAN 1/8HP. DISCONNECTING MEANS IS THE BRANCH CIRCUIT COPD. (NEC 430.109(B)).
  - ③ EXHAUST FAN OPERATION TO RUN CONTINUOUSLY COORDINATE WITH MECHANICAL
- GENERAL NOTES:**

  - WIRE FEEDER THRU DISCONNECT/STARTER AND CONNECT EQUIPMENT FOR OPERATION.
  - MOUNT DISCONNECT/STARTER IMMEDIATELY ADJACENT TO EQUIPMENT SERVE. LOCATE DISCONNECT/STARTER TO PROVIDE ACCESS AND WORKING CLEARANCE AS REQUIRED BY NEC

PROGRESS SET  
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DATED: 06/17/22

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KAMM CONSULTING PROJECT #: 2020-0300  
PROJECT MANAGER: JOE ZIMMER  
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Certification of Authorization #8189

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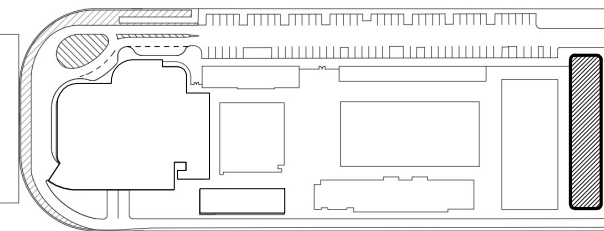
**STRUCTURAL ENGINEER:**  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
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TEL: 954.903.9300

**MEP/FP ENGINEERS:**  
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**CIVIL ENGINEER:**  
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PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



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PROJECT NORTH:



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EAST BLDG LEVEL 01 MEZZ POWER PLAN\_NORTH

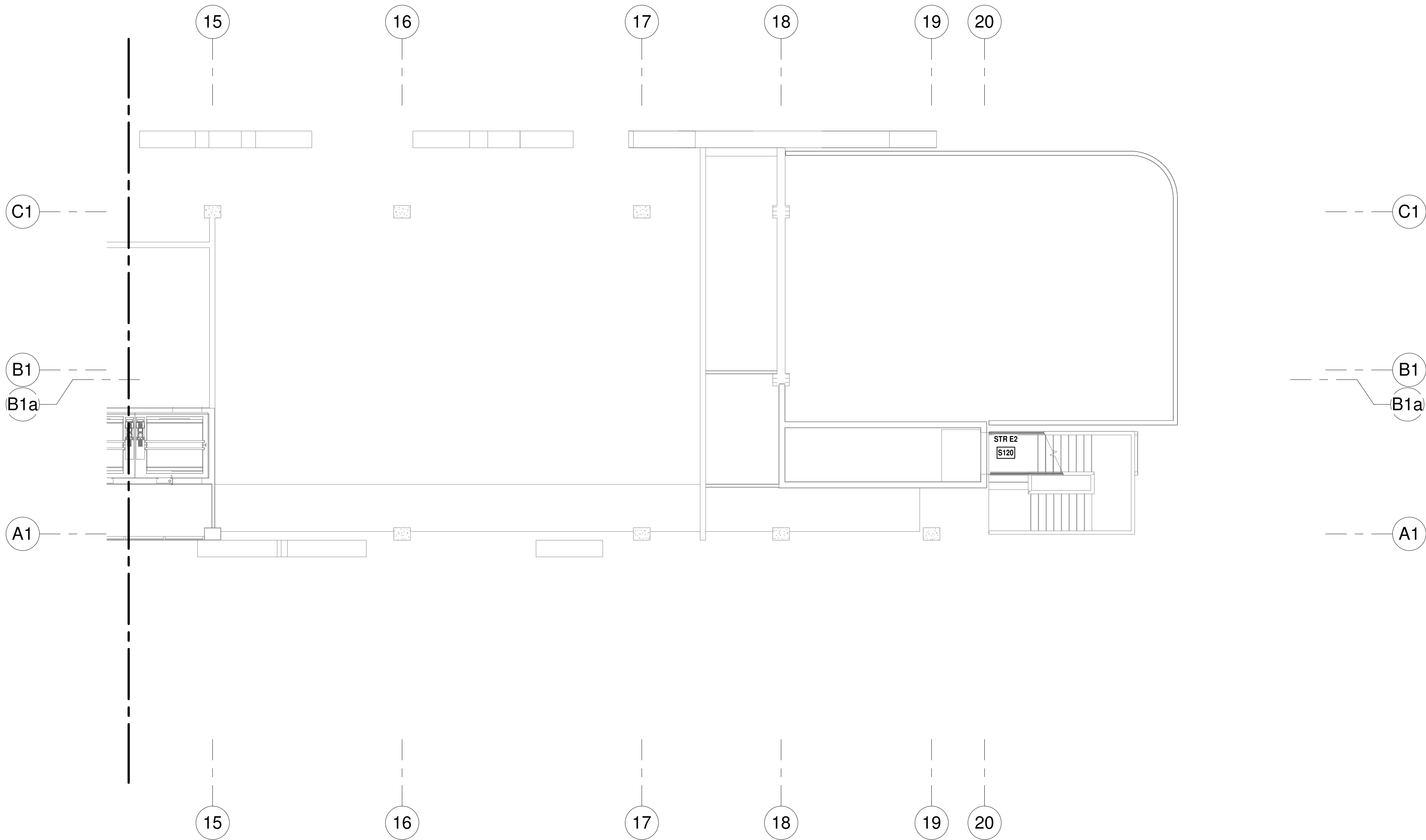
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DATE: 06/03/2022  
SCALE: As indicated

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**LEVEL 1 MEZZ POWER PLAN - SOUTH**  
1/8" = 1'-0" NORTH

PROGRESS SET  
NOT FOR CONSTRUCTION  
DATED: 06/17/22

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KAMM CONSULTING PROJECT #: 2020-0300	
PROJECT MANAGER: JOE ZIMMER	
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TEL: 561.705.5353

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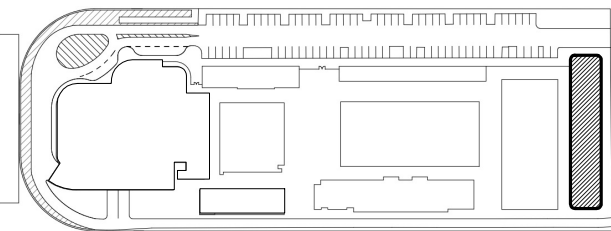
STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
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TEL: 954.903.9300

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TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



Δ	DESCRIPTION	DATE
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PROJECT NORTH:



DRAWING TITLE  
EAST BLDG LEVEL 01 MEZZ POWER  
PLAN\_SOUTH

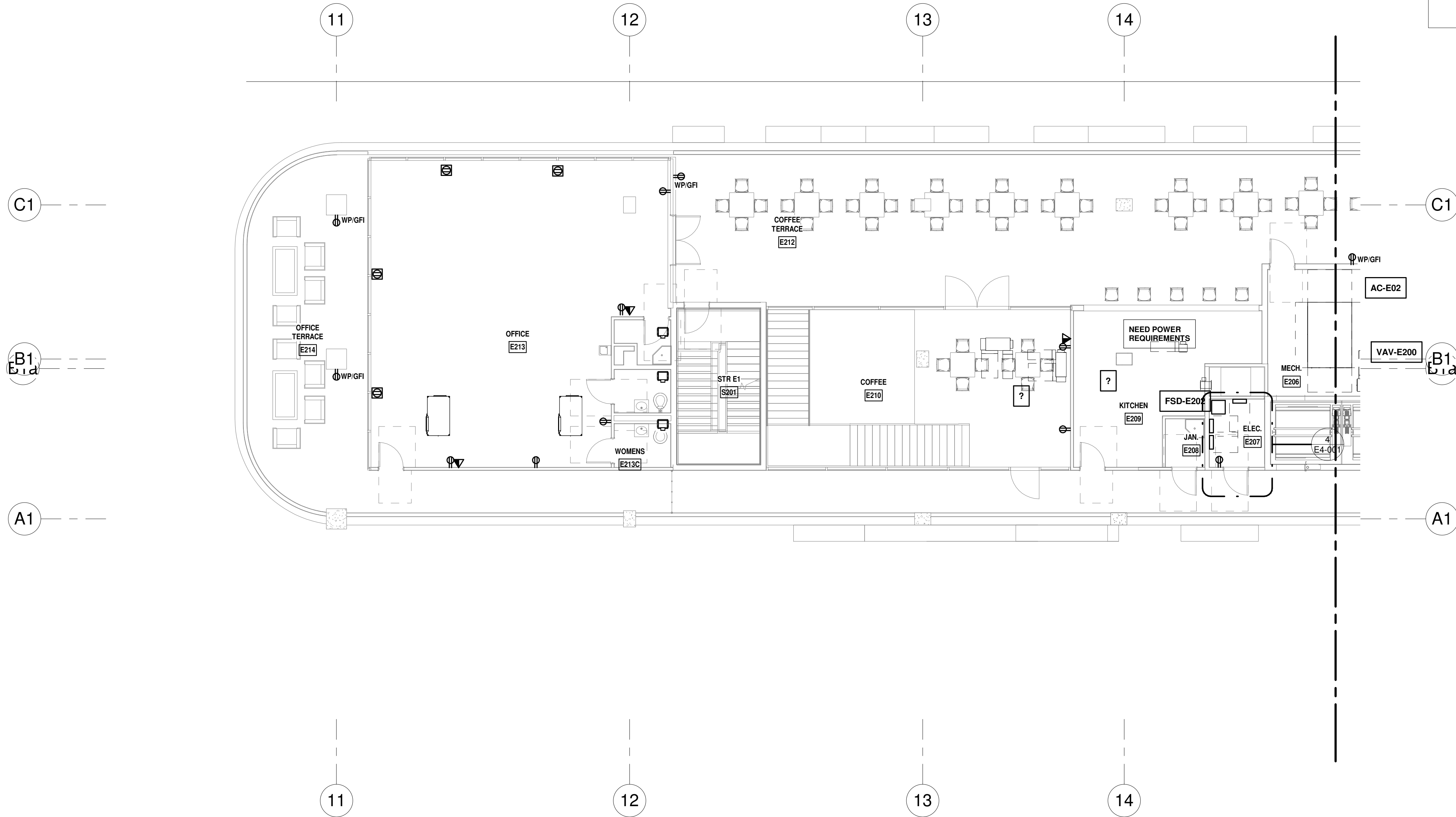
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DATE: 06/03/2022  
SCALE: 1/8" = 1'-0"

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LEVEL 2 POWER PLAN - NORTH  
1/8" = 1'-0" NORTH

LEVEL 02 - MECHANICAL EQUIPMENT						
FEEDER SCHEDULE						
EQUIPMENT DESCRIPTION	FEEDER DESIGNATION	DISCONNECT			MOTOR STARTER	KEY NOTES
		FRAME	FUSE	POLES		
AC-E02	-		(A)	3	-	-
VAV-E200	-		(A)	1	-	-
VAV-E201	-		(A)	2	-	-
VAV-E202	-		(A)	2	-	-
VAV-E203	-		(A)	2	-	-
FSD-E201	-	-		1	-	(B)
<div><div><b>SCHEDULE KEY NOTES:</b><ul style="list-style-type: none"><li>(A) WIRE CIRCUIT THRU DISCONNECTING MEANS FURNISHED WITH EQUIPMENT.</li><li>(B) CONNECT MOTORIZED DAMPER TO CLOSEST BRANCH CIRCUIT IN THE AREA; MOTOR LESS THAN 1/8HP; DISCONNECTING MEANS IS THE BRANCH CIRCUIT OCPD. (NEC 430.109(B)).</li><li>(C) EXHAUST FAN OPERATION TO RUN CONTINUOUSLY COORDINATE WITH MECHANICAL.</li></ul></div><div><b>GENERAL NOTES:</b><ul style="list-style-type: none"><li>1. WIRE FEEDER THRU DISCONNECT/STARTER AND CONNECT EQUIPMENT FOR OPERATION.</li><li>2. MOUNT DISCONNECT/STARTER IMMEDIATELY ADJACENT TO EQUIPMENT SERVE. LOCATE DISCONNECT/STARTER TO PROVIDE ACCESS AND WORKING CLEARANCE AS REQUIRED BY NEC</li></ul></div></div>						

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PROGRESS SET  
NOT FOR CONSTRUCTION  
DATED: 06/17/22

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KAMM CONSULTING PROJECT #: 2020-0300  
PROJECT MANAGER: JOE ZIMMER

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06/17/22

Certification of Authorization #8189

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KEY PLAN:

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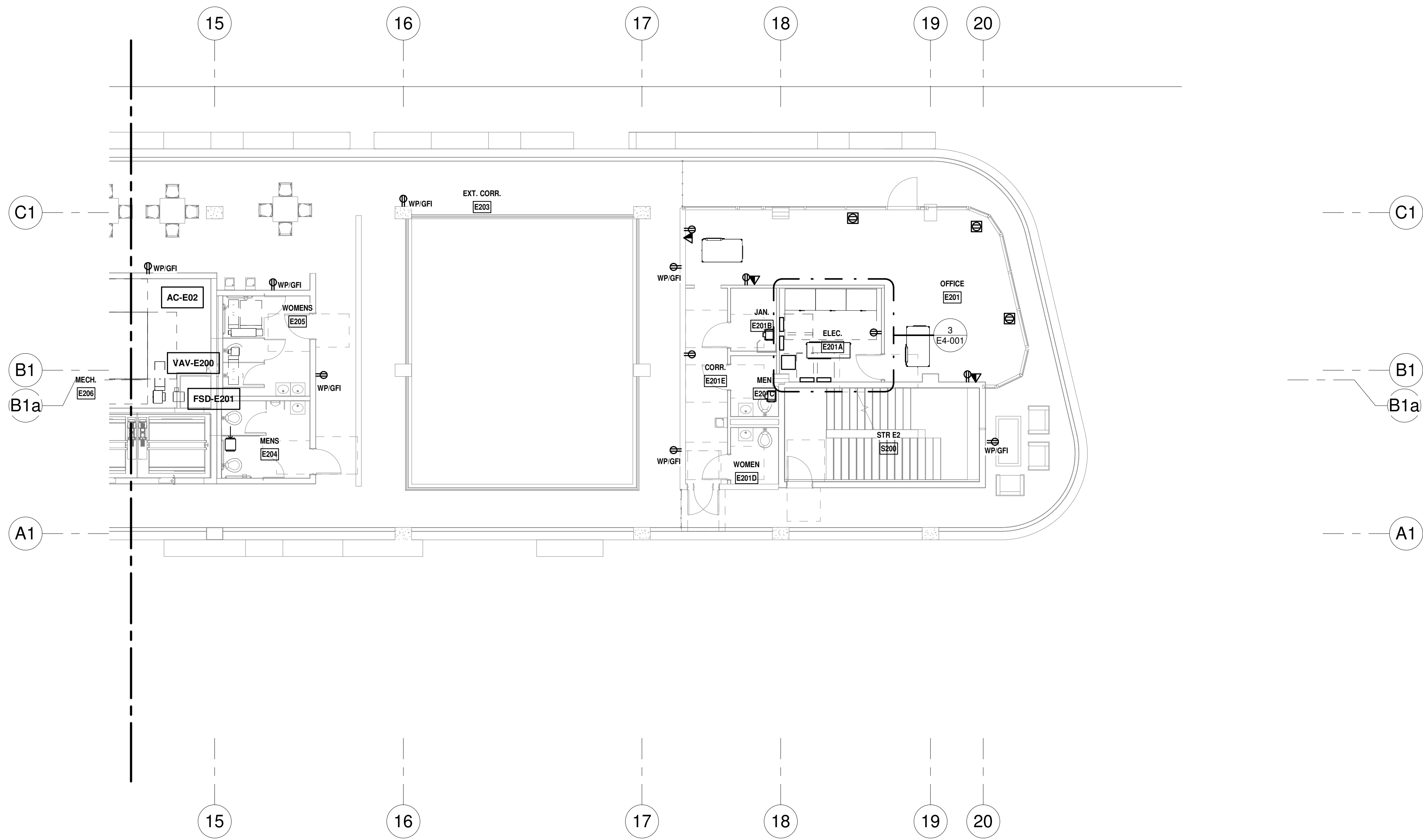
PROJECT NORTH:

DRAWING TITLE  
EAST BLDG LEVEL 02 POWER  
PLAN\_NORTH

PROJECT NUMBER: 010326.000  
DATE: 06/03/2022  
SCALE: As indicated  
SHEET  
E3-102-N  
CAM 23-0723  
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**LEVEL 2 POWER PLAN - SOUTH**  
1/8" = 1'-0" NORTH

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KAMM CONSULTING PROJECT #: 2020-0300  
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DATED: 06/17/22

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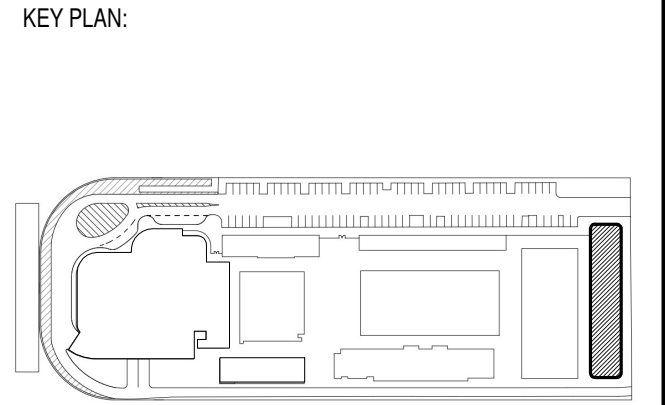
**ARCHITECT:**  
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TEL: 305.372.1812

**STRUCTURAL ENGINEER:**  
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PROJECT NORTH:

DRAWING TITLE

EAST BLDG LEVEL 02 POWER  
PLAN\_SOUTH

PROJECT NUMBER: 010326.000  
DATE: 06/03/2022  
SCALE: 1/8" = 1'-0"

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PROJECT NORTH:

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EAST BLDG LEVEL 03 POWER  
PLAN\_NORTH

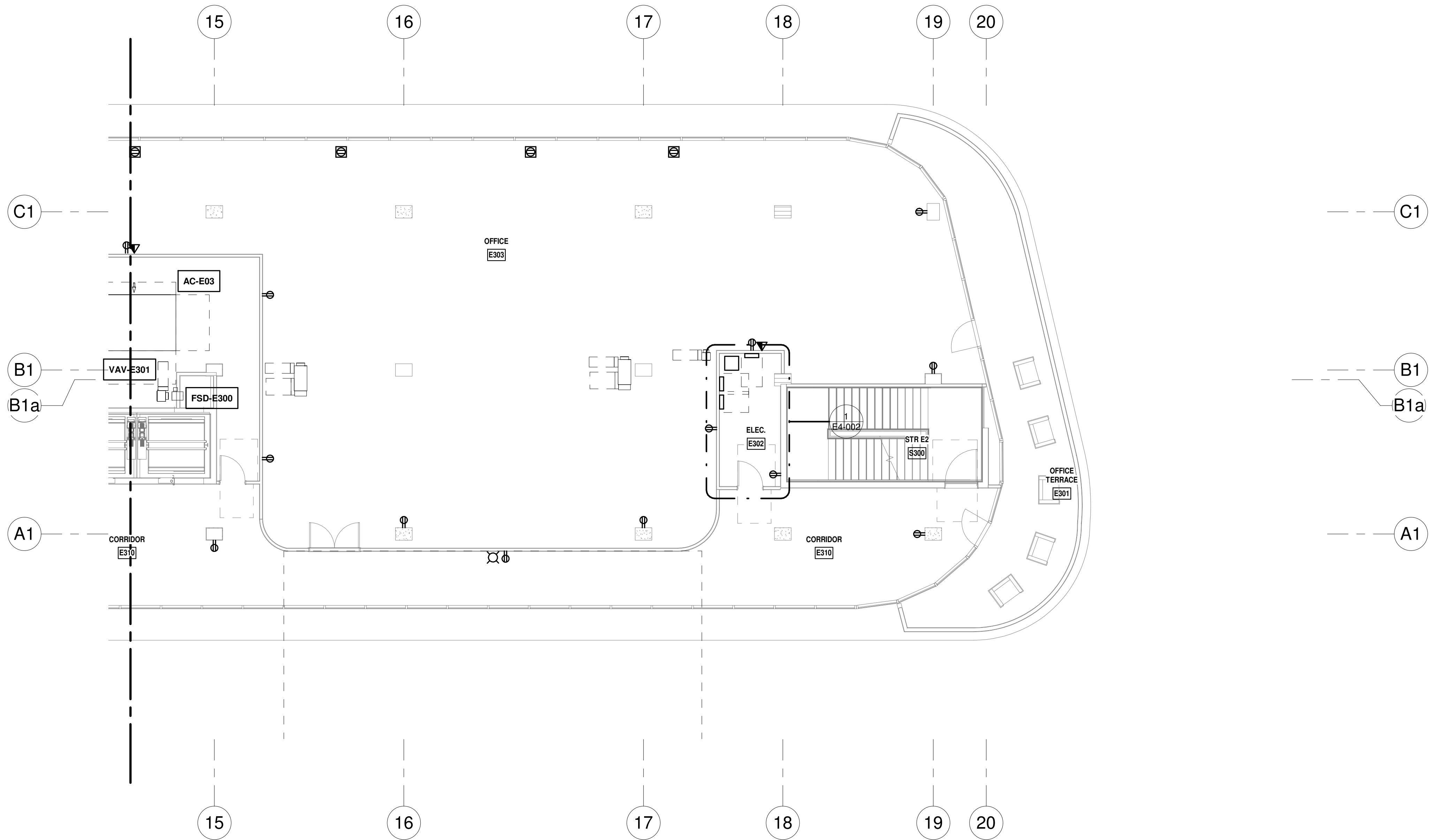
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DATE: 06/03/2022  
SCALE: As indicated

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LEVEL 3 POWER PLAN - SOUTH  
1/8" = 1'-0" NORTH

ISSUED FOR PERMIT	-
ISSUED FOR CONSTRUCTION	-
KAMM CONSULTING PROJECT #:	2020-0300
PROJECT MANAGER:	JOE ZIMMER
	1407 West Newport Center Drive Deerfield Beach, Florida 33442 Phone 954.949.2200 Fax 954.949.2201 engineering@kammconsulting.com
Certification of Authorization #8189	06/17/22

PROGRESS SET

NOT FOR CONSTRUCTION

DATED: 06/17/22

ARQUITECTONICA

OWNER:  
Capital Group P3  
55 NE 5th Avenue, Suite 501  
Boca Raton, FL 33432  
TEL: 561.705.5353

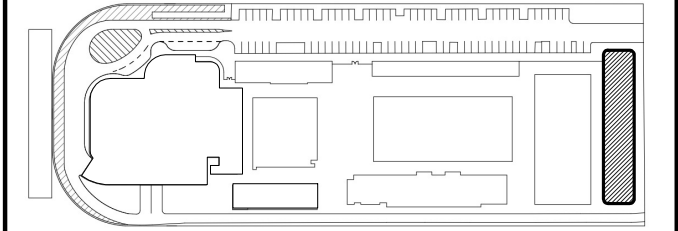
ARCHITECT:  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

MEP/FP ENGINEERS:  
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

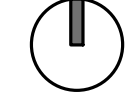
CIVIL ENGINEER:  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
ISHOF  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:  


Δ	DESCRIPTION	DATE
<div>NOT FOR CONSTRUCTION</div>		

SEAL & SIGNATURE

PROJECT NORTH:  



DRAWING TITLE  
EAST BLDG LEVEL 03 POWER  
PLAN\_SOUTH

PROJECT NUMBER: 010326.000  
DATE: 06/03/2022  
SCALE: 1/8" = 1'-0"

SHEET  
E3-103-S  
CAM 23-0723  
Exhibit 1L  
Page 145 of 171





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KAMM CONSULTING PROJECT #:	2020-0300
PROJECT MANAGER:	JOE ZIMMER
	1407 West Newport Center Drive Deerfield Beach, Florida 33442 Phone 954.949.2200 Fax 954.949.2201 engineering@kammconsulting.com
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Certification of Authorization #8189	

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1407 WEST NEWPORT CENTER DR.  
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TEL: 561.949.2200

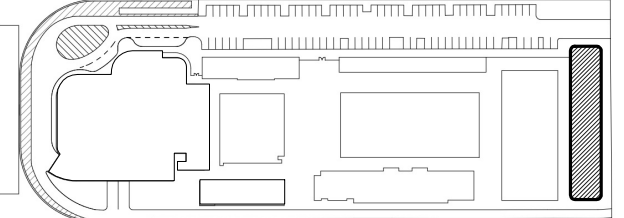
CIVIL ENGINEER:  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT

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1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



△	DESCRIPTION	DATE
<div>NOT FOR CONSTRUCTION</div>		

SEAL & SIGNATURE

PROJECT NORTH:  


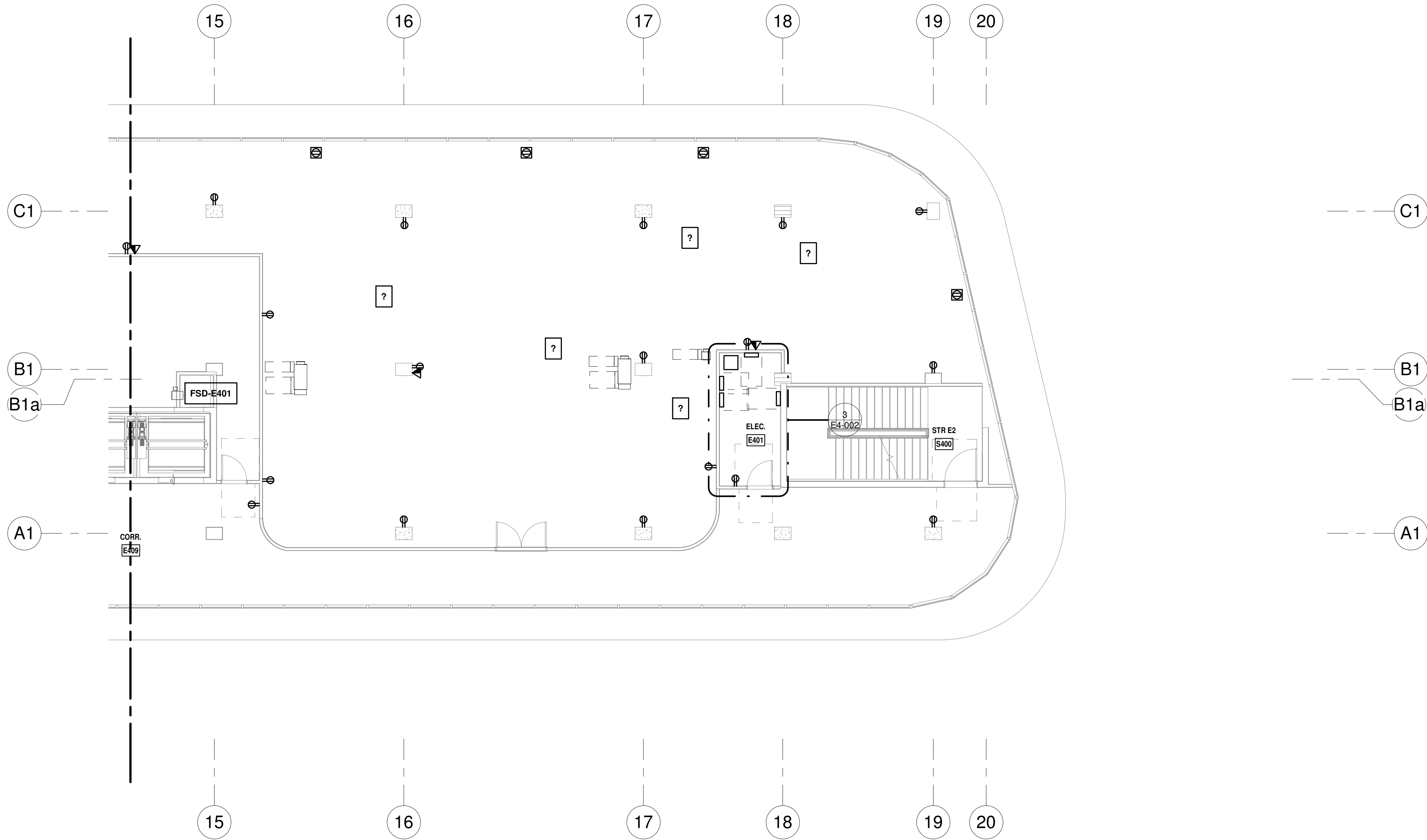
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EAST BLDG LEVEL 04 POWER  
PLAN\_NORTH

PROJECT NUMBER: 010326.000  
DATE: 06/03/2022  
SCALE: As indicated  
SHEET

E3-104-N  
CAM 23-0723  
Exhibit 1L




6/17/2022 3:32:59 PM



**LEVEL 4 POWER PLAN - SOUTH**  
1/8" = 1'-0" NORTH

PROGRESS SET  
NOT FOR CONSTRUCTION  
DATED: 06/17/22

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ISSUED FOR CONSTRUCTION	
KAMM CONSULTING PROJECT #:	2020-0300
PROJECT MANAGER:	JOE ZIMMER
	1407 West Newport Center Drive Deerfield Beach, Florida 33442 Phone 954.949.2200 Fax 954.949.2201 engineering@kammconsulting.com
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Certification of Authorization #8189	

ARQUITECTONICA

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TEL: 561.705.5353

**ARCHITECT:**  
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2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

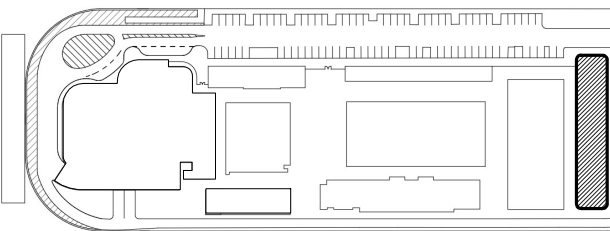
**STRUCTURAL ENGINEER:**  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

**MEP/FP ENGINEERS:**  
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**CIVIL ENGINEER:**  
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TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:

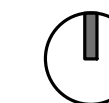


Δ	DESCRIPTION	DATE
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NOT FOR  
CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:



DRAWING TITLE  
EAST BLDG LEVEL 04 POWER  
PLAN\_SOUTH

PROJECT NUMBER: 010326.000

DATE: 06/03/2022

SCALE: 1/8" = 1'-0"

SHEET

**E3-104-S**

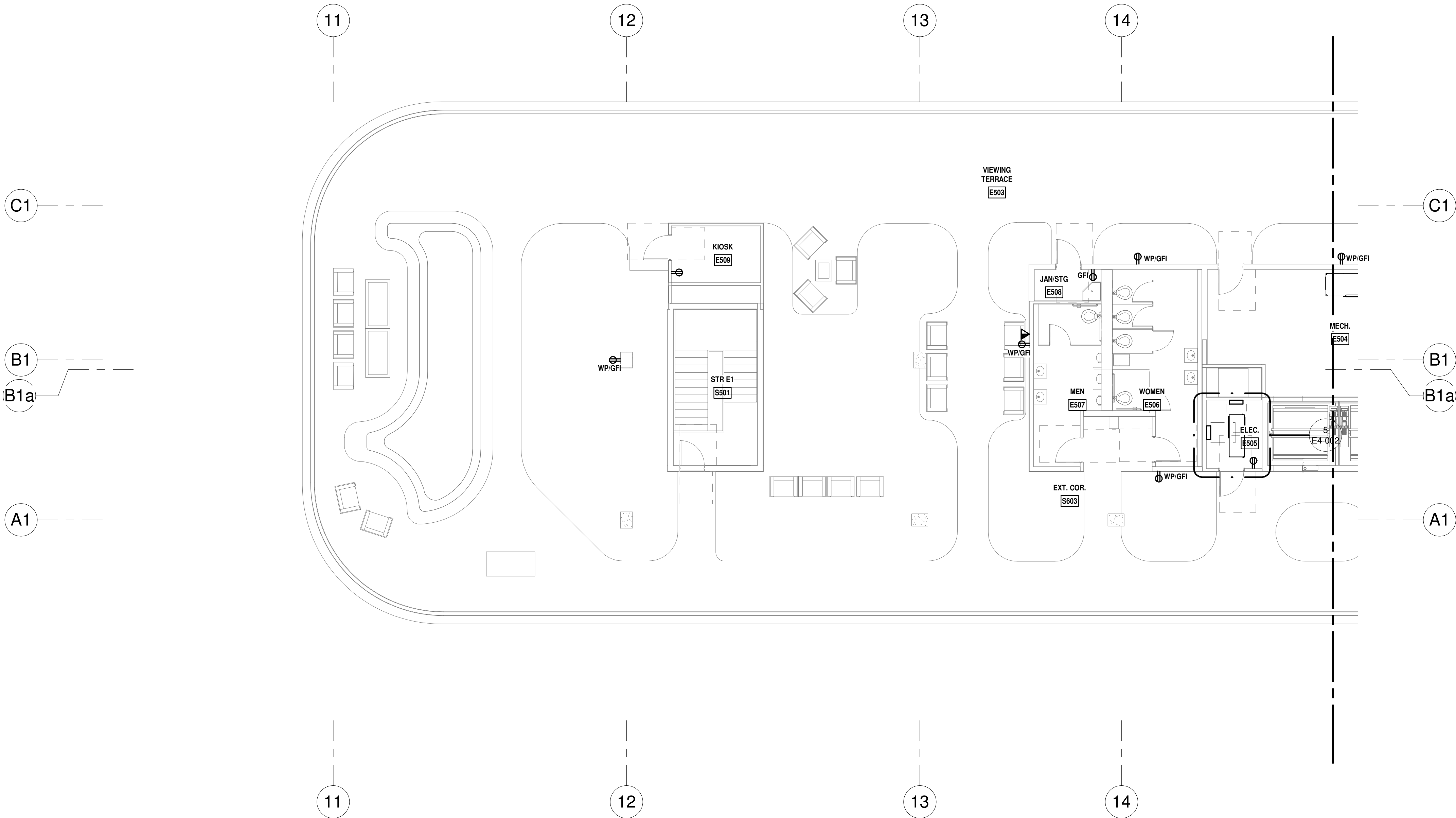
CAM 23-0723  
Exhibit 1L  
Page 147 of 171

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**LEVEL 5 POWER PLAN - NORTH**  
1/8" = 1'-0" NORTH

PROGRESS SET  
NOT FOR CONSTRUCTION  
DATED: 06/17/22

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ISSUED FOR CONSTRUCTION	-
KAMM CONSULTING PROJECT #:	2020-0300
PROJECT MANAGER:	JOE ZIMMER
<b>KAMM</b> Consulting	1407 West Newport Center Drive Deerfield Beach, Florida 33442 Phone 954.949.2200 Fax 954.949.2201 engineering@kammconsulting.com
Certification of Authorization #8189	06/17/22

# ARQUITECTONICA

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**ARCHITECT:**  
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TEL: 305.372.1812

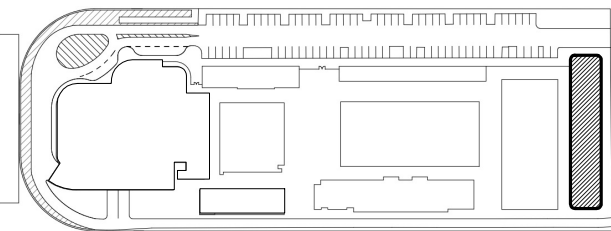
**STRUCTURAL ENGINEER:**  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

**MEP/FP ENGINEERS:**  
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DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

**CIVIL ENGINEER:**  
KEITH  
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TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



DESCRIPTION DATE

NOT FOR CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:



DRAWING TITLE  
EAST BLDG LEVEL 05 POWER  
PLAN\_NORTH

PROJECT NUMBER: 010326.000

DATE: 06/03/2022

SCALE: 1/8" = 1'-0"

SHEET

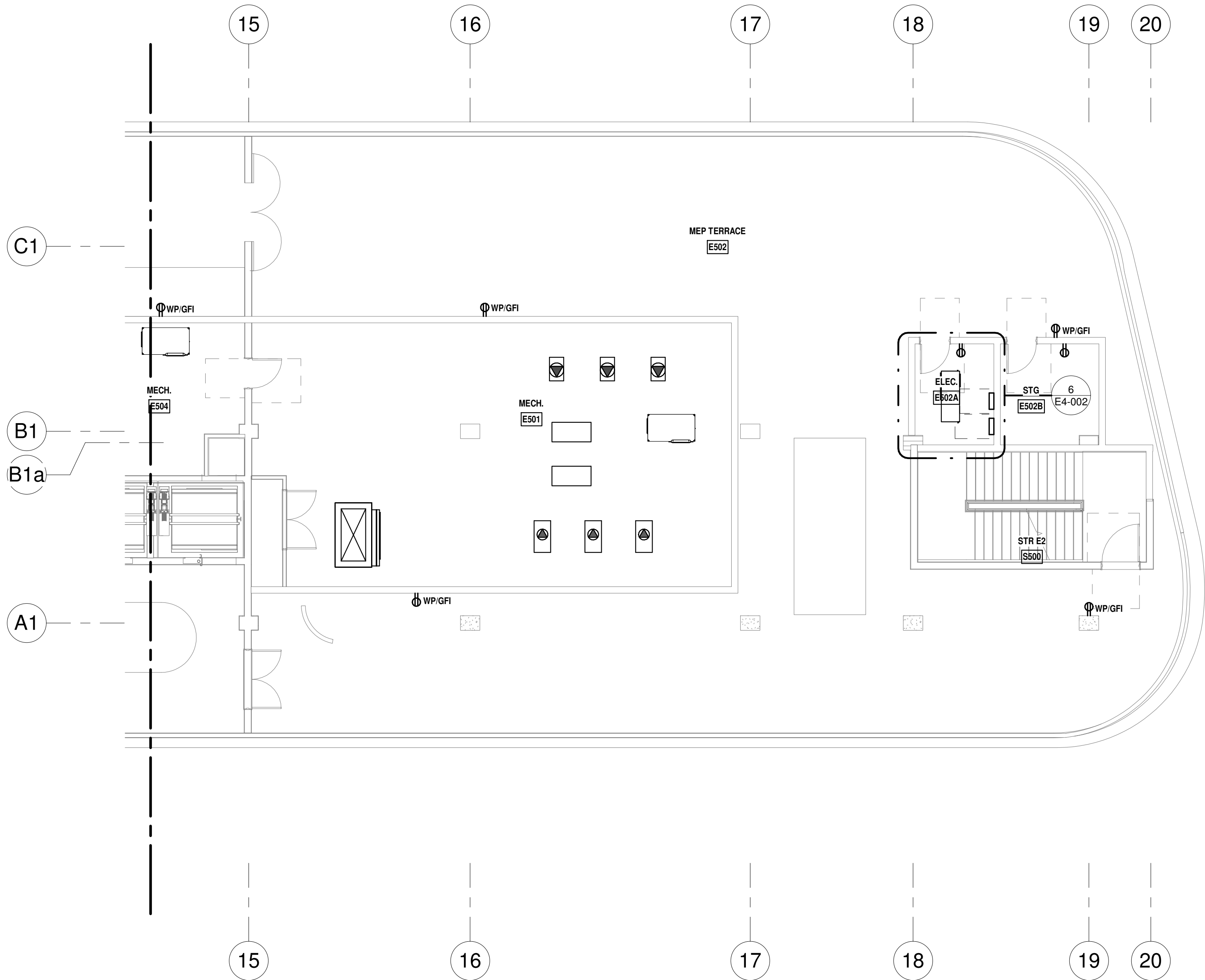
**E3-105-N**

CAM 23-0723  
Exhibit 1L  
Page 148 of 171



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**LEVEL 5 POWER PLAN - SOUTH**  
1/8" = 1'-0" NORTH

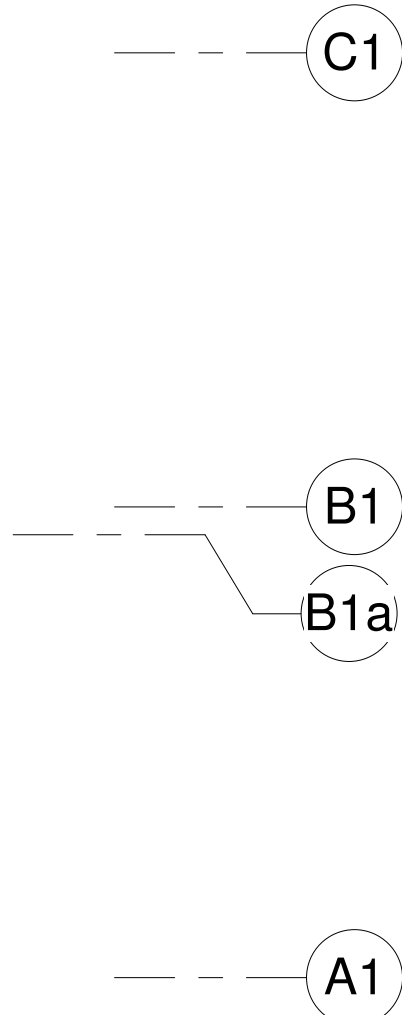
**LEVEL 05 - MECHANICAL EQUIPMENT  
FEEDER SCHEDULE**

EQUIPMENT DESCRIPTION	FEEDER DESIGNATION	DISCONNECT			MOTOR STARTER	KEY NOTES
		FRAME	FUSE	POLES		
CWP-E1	-	60	A	3	NEMA 2	B
CWP-E2	-	60	A	3	NEMA 2	B
CWP-E3 (STAND-BY)	-	60	A	3	NEMA 2	B
CWP-E4	-	30	A	3	NEMA 1	C
CWP-E5	-	30	A	3	NEMA 1	C
CWP-E6 (STAND-BY)	-	30	A	3	NEMA 1	C
CT-E1A	-	30	A	3	NEMA 0	-
CT-E1B	-	30	A	3	NEMA 0	-

- SCHEDULE KEY NOTES:**

  - (A) PROVIDE FUSES AS RECOMMENDED BY EQUIPMENT MANUFACTURER
  - (B) MOTOR CONTROL BY VFD/BAS. COORDINATE WITH MECHANICAL
  - (C) MOTOR CONTROL BY CT/BAS. COORDINATE WITH MECHANICAL
- GENERAL NOTES:**

  - WIRE FEEDER THRU DISCONNECT/STARTER AND CONNECT EQUIPMENT FOR OPERATION.
  - MOUNT DISCONNECT/STARTER IMMEDIATELY ADJACENT TO EQUIPMENT SERVE. LOCATE DISCONNECT/STARTER TO PROVIDE ACCESS AND WORKING CLEARANCE AS REQUIRED BY NEC



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MIAMI, FL 33133  
TEL: 305.372.1812

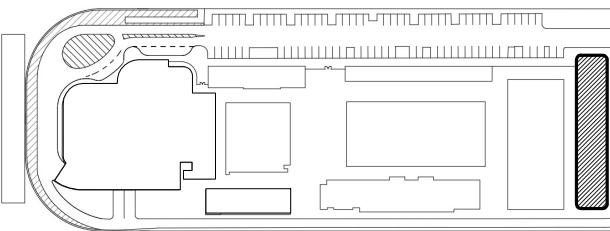
**STRUCTURAL ENGINEER:**  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

**MEP/FP ENGINEERS:**  
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**CIVIL ENGINEER:**  
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FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



DESCRIPTION DATE

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CONSTRUCTION**

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PROJECT NORTH:



DRAWING TITLE  
EAST BLDG LEVEL 05 POWER  
PLAN\_SOUTH

PROJECT NUMBER: 010326.000  
DATE: 06/03/2022  
SCALE: As indicated

SHEET  
**E3-105-S**

CAM 23-0723  
Exhibit 1L  
Page 149 of 171

PROGRESS SET

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DATED: 06/17/22

ISSUED FOR PERMIT -  
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KAMM CONSULTING PROJECT #: 2020-0300  
PROJECT MANAGER: JOE ZIMMER

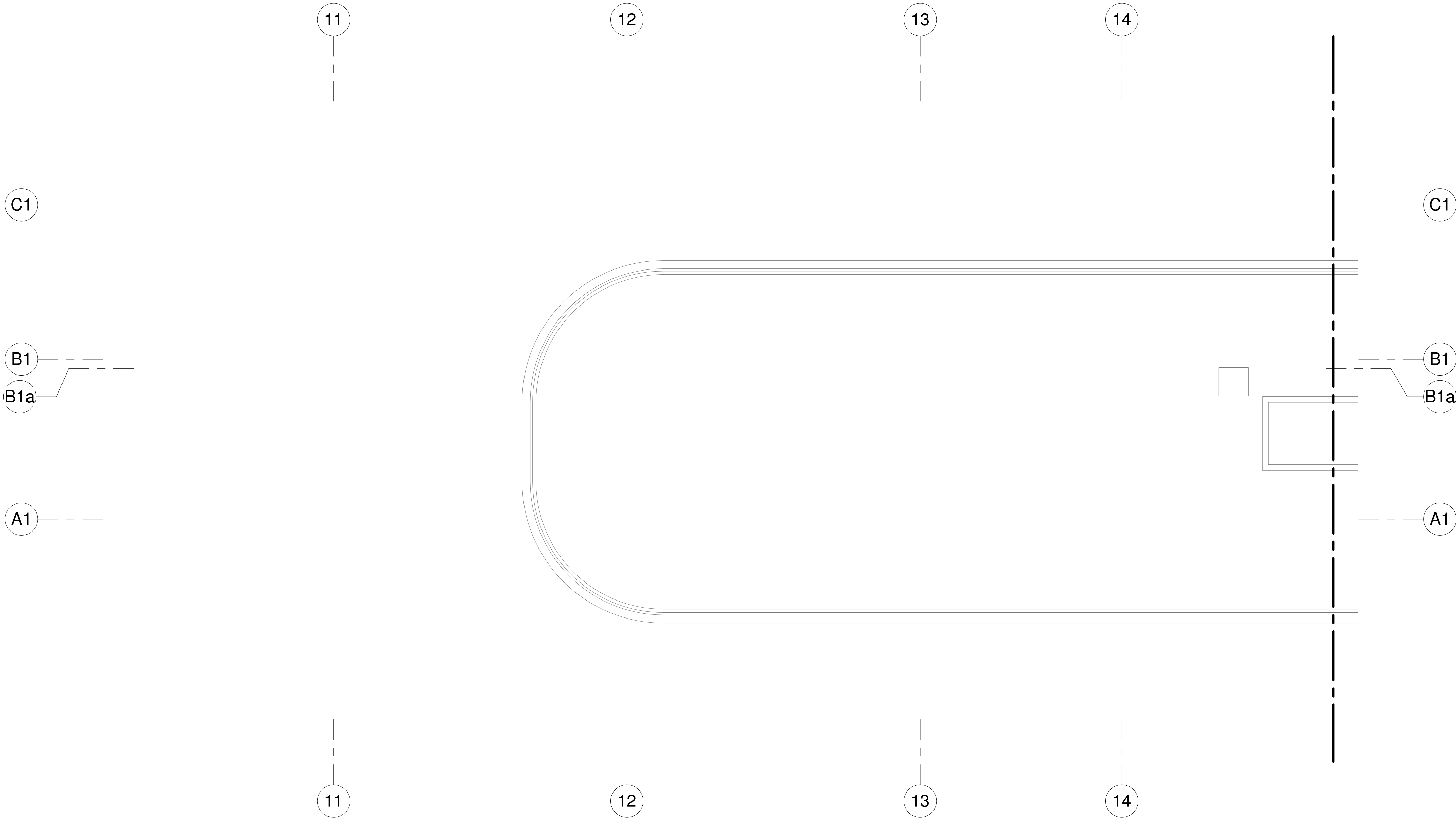
**KAMM** Consulting  
1407 West Newport Center Drive  
Deerfield Beach, Florida 33442  
Phone 954.949.2200 Fax 954.949.2201  
engineering@kammconsulting.com

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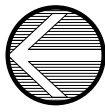
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**ROOF POWER PLAN - NORTH**

1/8" = 1'-0"



NORTH

PROGRESS SET

NOT FOR CONSTRUCTION

DATED: 06/17/22

ISSUED FOR PERMIT  
ISSUED FOR CONSTRUCTION

KAMM CONSULTING PROJECT #: 2020-0300  
PROJECT MANAGER: JOE ZIMMER



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Deerfield Beach, Florida 33442  
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ARCHITECT:  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

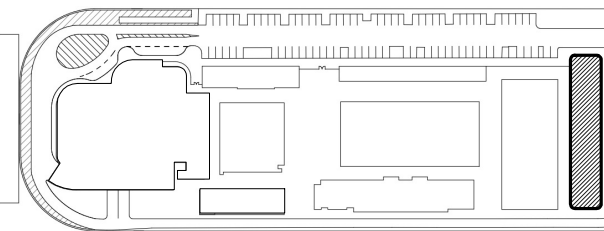
STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

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FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:

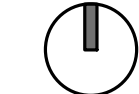


DESCRIPTION DATE

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CONSTRUCTION

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PROJECT NORTH:



DRAWING TITLE  
EAST BLDG ROOF LEVEL POWER  
PLAN\_NORTH

PROJECT NUMBER: 010326.000

DATE: 06/03/2022

SCALE: 1/8" = 1'-0"

SHEET

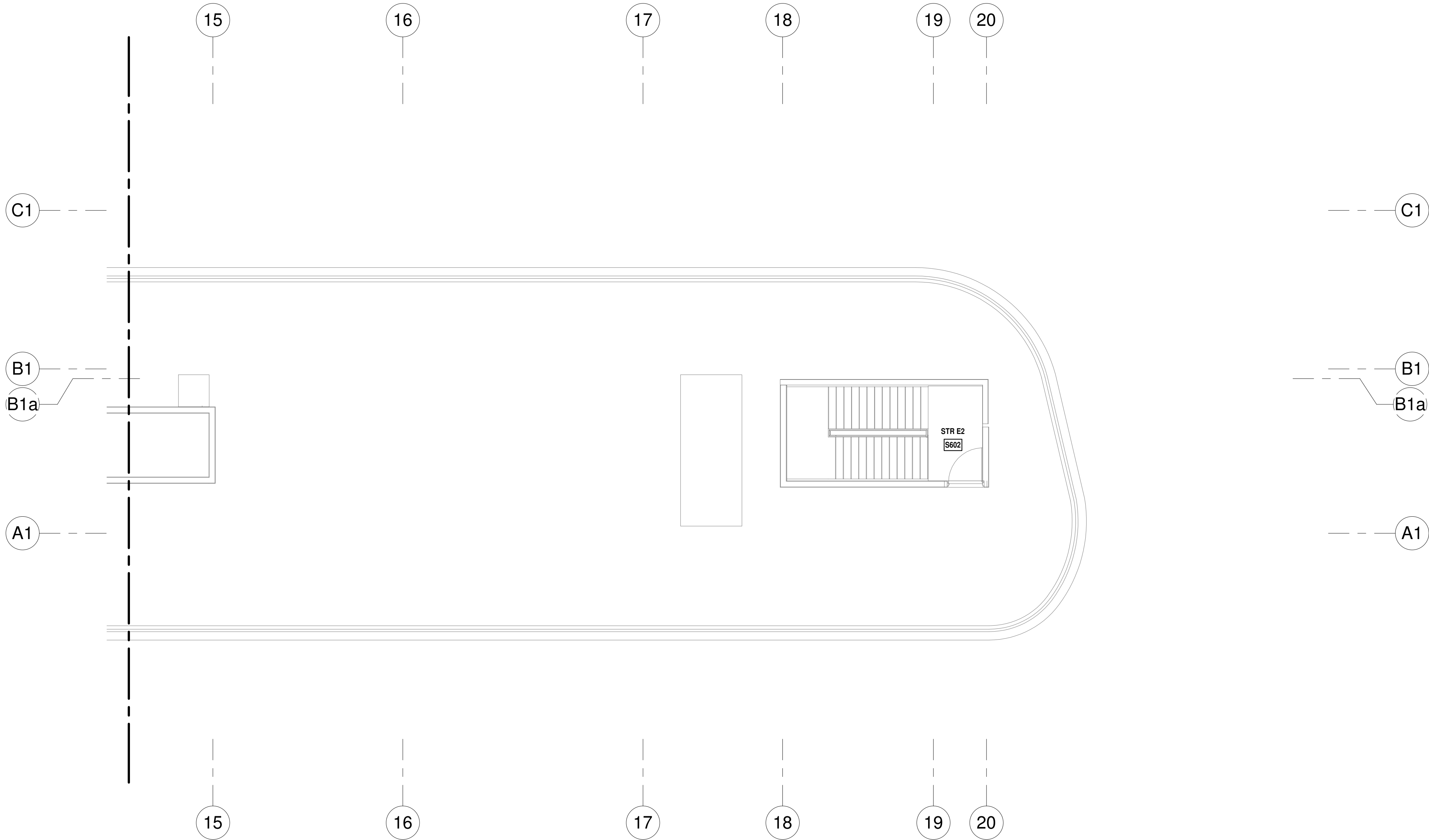
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CAM 23-0723  
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ROOF POWER PLAN - SOUTH  
1/8" = 1'-0" NORTH

PROGRESS SET  
NOT FOR CONSTRUCTION  
DATED: 06/17/22

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ISSUED FOR CONSTRUCTION

KAMM CONSULTING PROJECT #: 2020-0300  
PROJECT MANAGER: JOE ZIMMER

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engineering@kammconsulting.com

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TEL: 305.372.1812

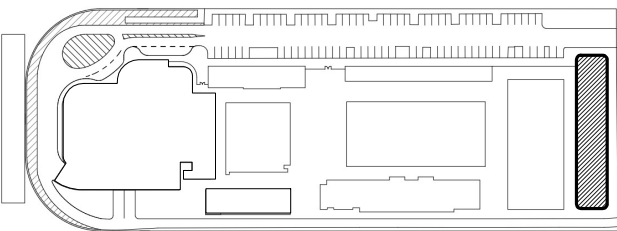
STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

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CIVIL ENGINEER:  
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TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



Δ	DESCRIPTION	DATE
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CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:



DRAWING TITLE  
EAST BLDG ROOF LEVEL POWER  
PLAN\_SOUTH

PROJECT NUMBER: 010326.000

DATE: 06/03/2022

SCALE: 1/8" = 1'-0"

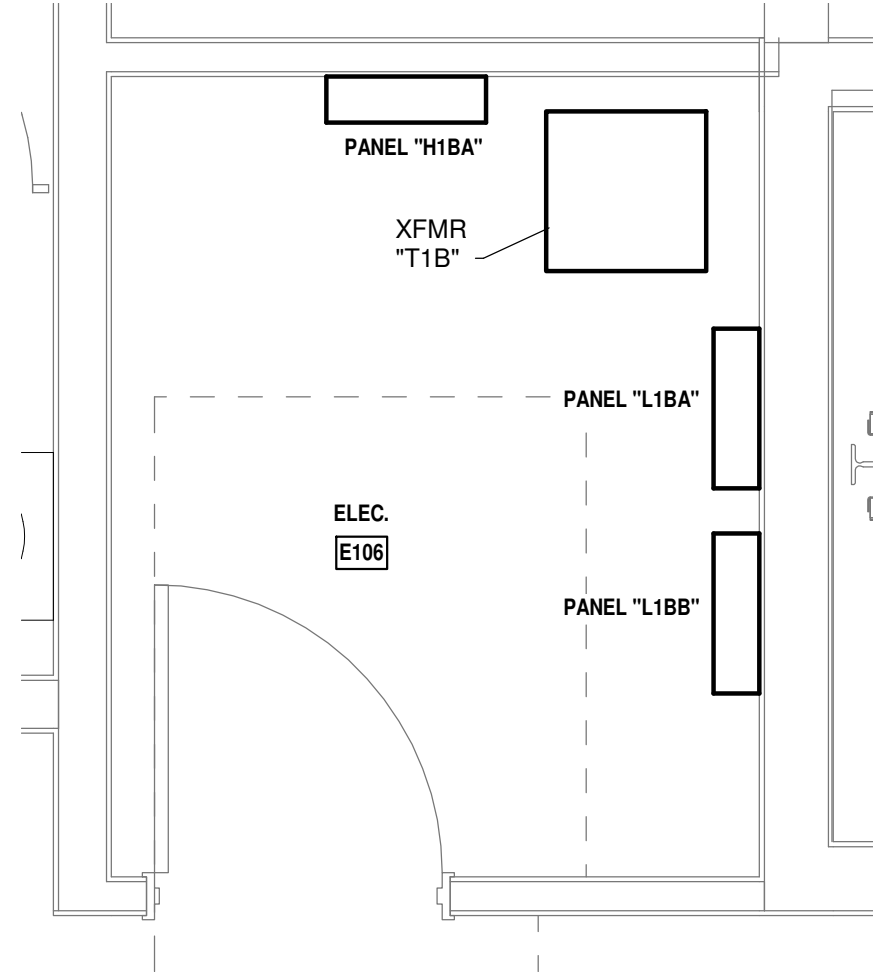
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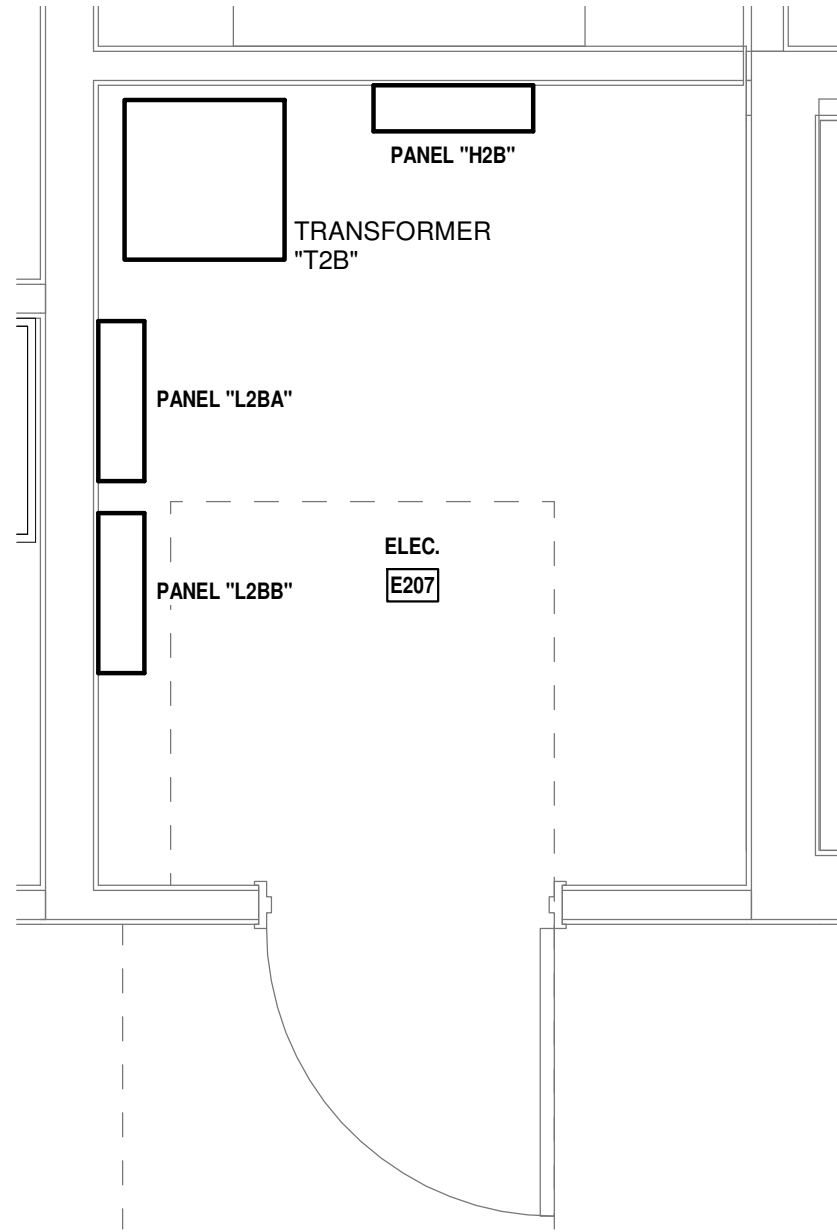
CAM 23-0723  
Exhibit 1L  
Page 101 of 171



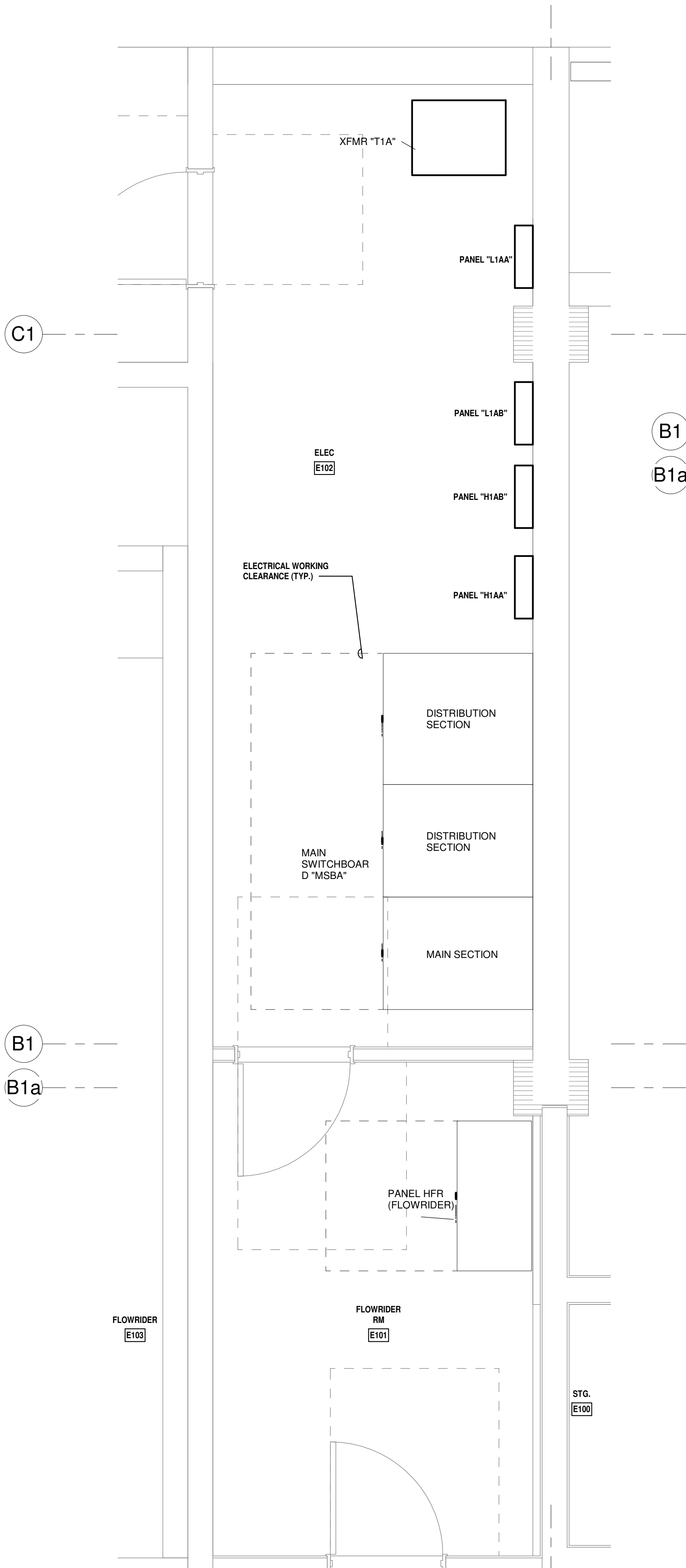
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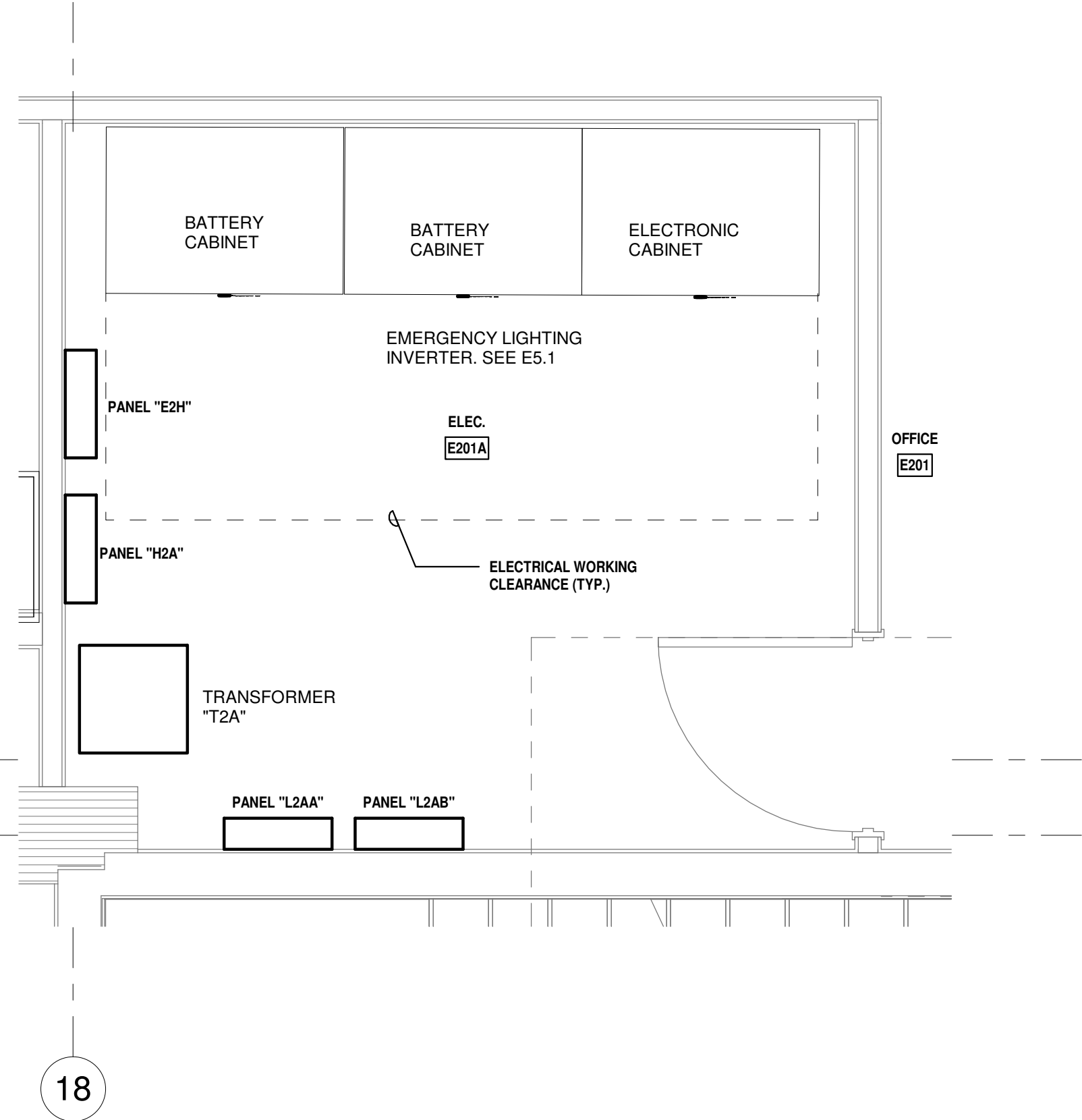
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1/2" = 1'-0"



ENLARGED E207 ELECTRICAL PLAN  
1/2" = 1'-0" NORTH



ENLARGED E102 AND E101 ELECTRICAL PLAN  
1/2" = 1'-0" NORTH



ENLARGED E201A ELECTRICAL PLAN  
1/2" = 1'-0" NORTH

PROGRESS SET  
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DATED: 06/17/22

ISSUED FOR PERMIT	-
ISSUED FOR CONSTRUCTION	-
KAMM CONSULTING PROJECT #:	2020-0300
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<b>KAMM</b> Consulting	1407 West Newport Center Drive Deerfield Beach, Florida 33442 Phone 954.949.2200 Fax 954.949.2201 engineering@kammconsulting.com
Certification of Authorization #8189	06/17/22

## ARQUITECTONICA

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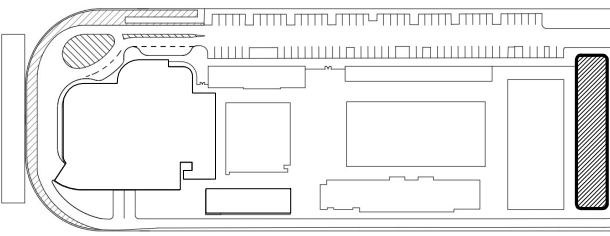
**STRUCTURAL ENGINEER:**  
THORNTON TOMASETTI  
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FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

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**CIVIL ENGINEER:**  
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TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



DESCRIPTION DATE

NOT FOR CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:



DRAWING TITLE

ENLARGED ELECTRICAL ROOM PLANS

PROJECT NUMBER: 010326.000

DATE: 06/03/2022

SCALE: 1/2" = 1'-0"

SHEET

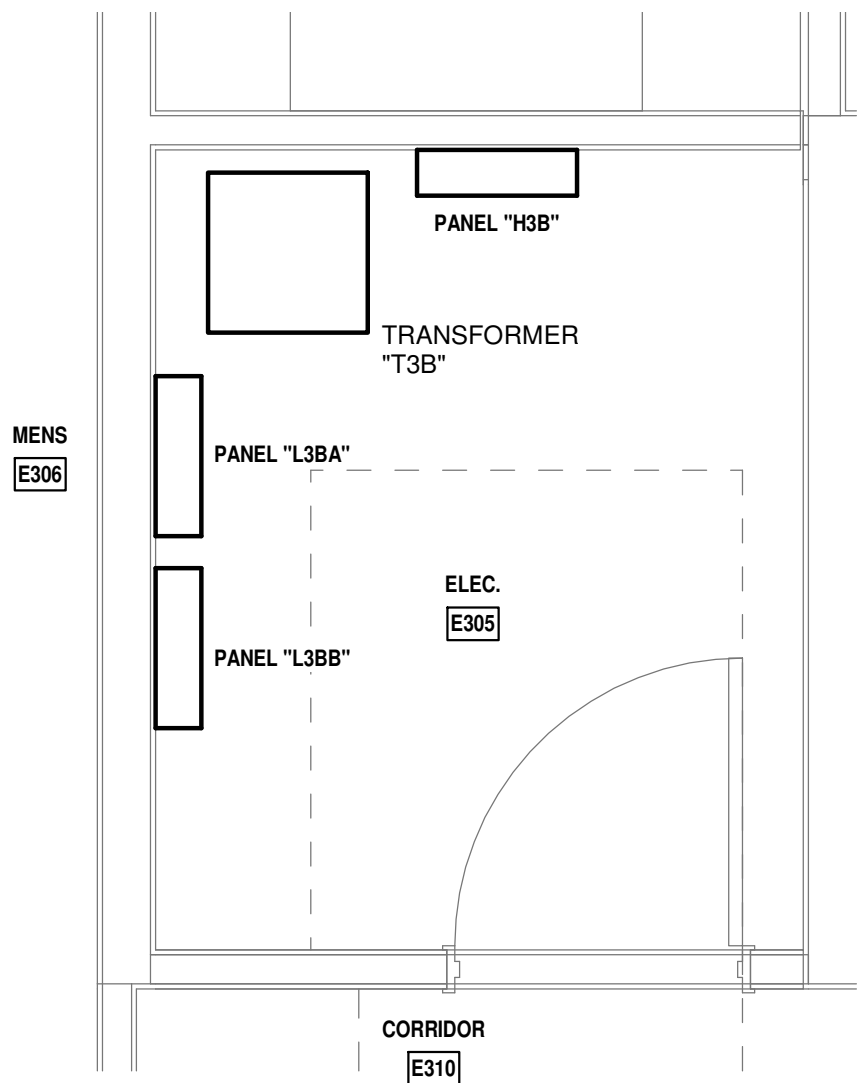
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CAM 23-0723  
Exhibit 1L  
Page 122 of 171

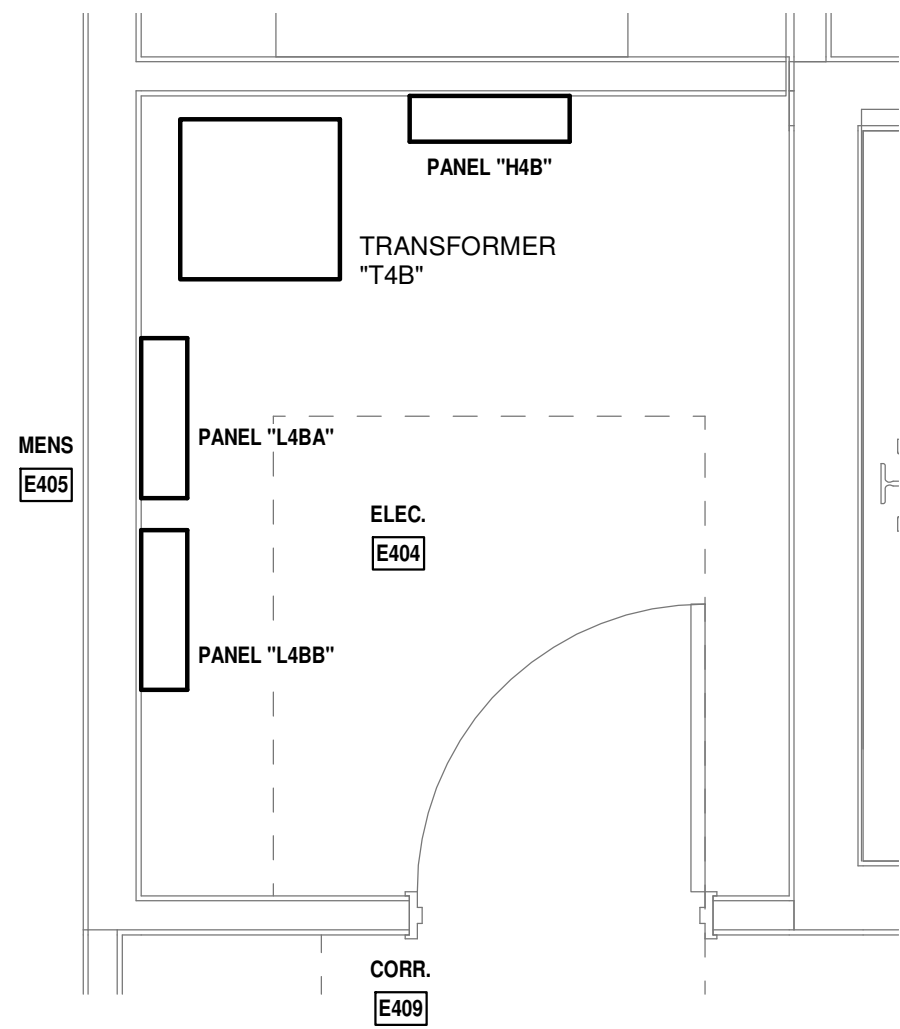


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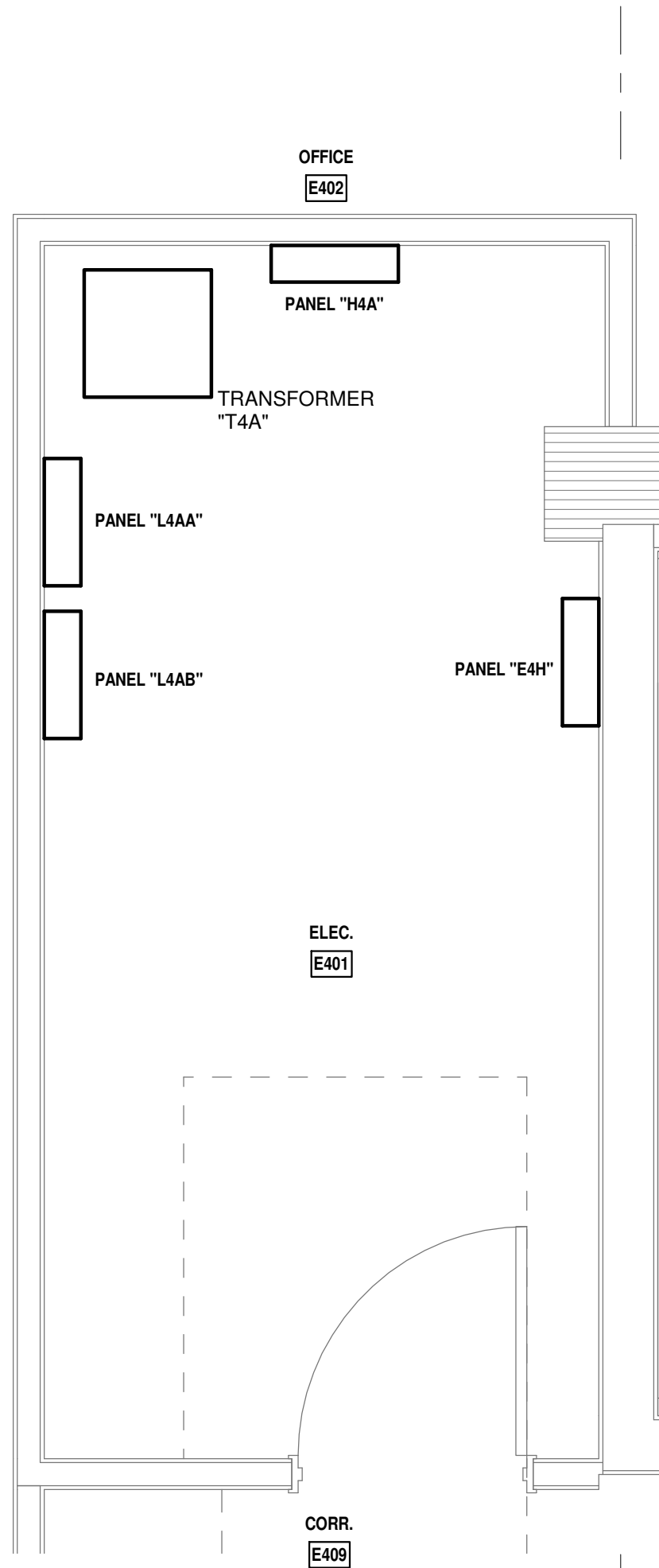


ENLARGED E305 ELECTRICAL PLAN  
1/2" = 1'-0" NORTH



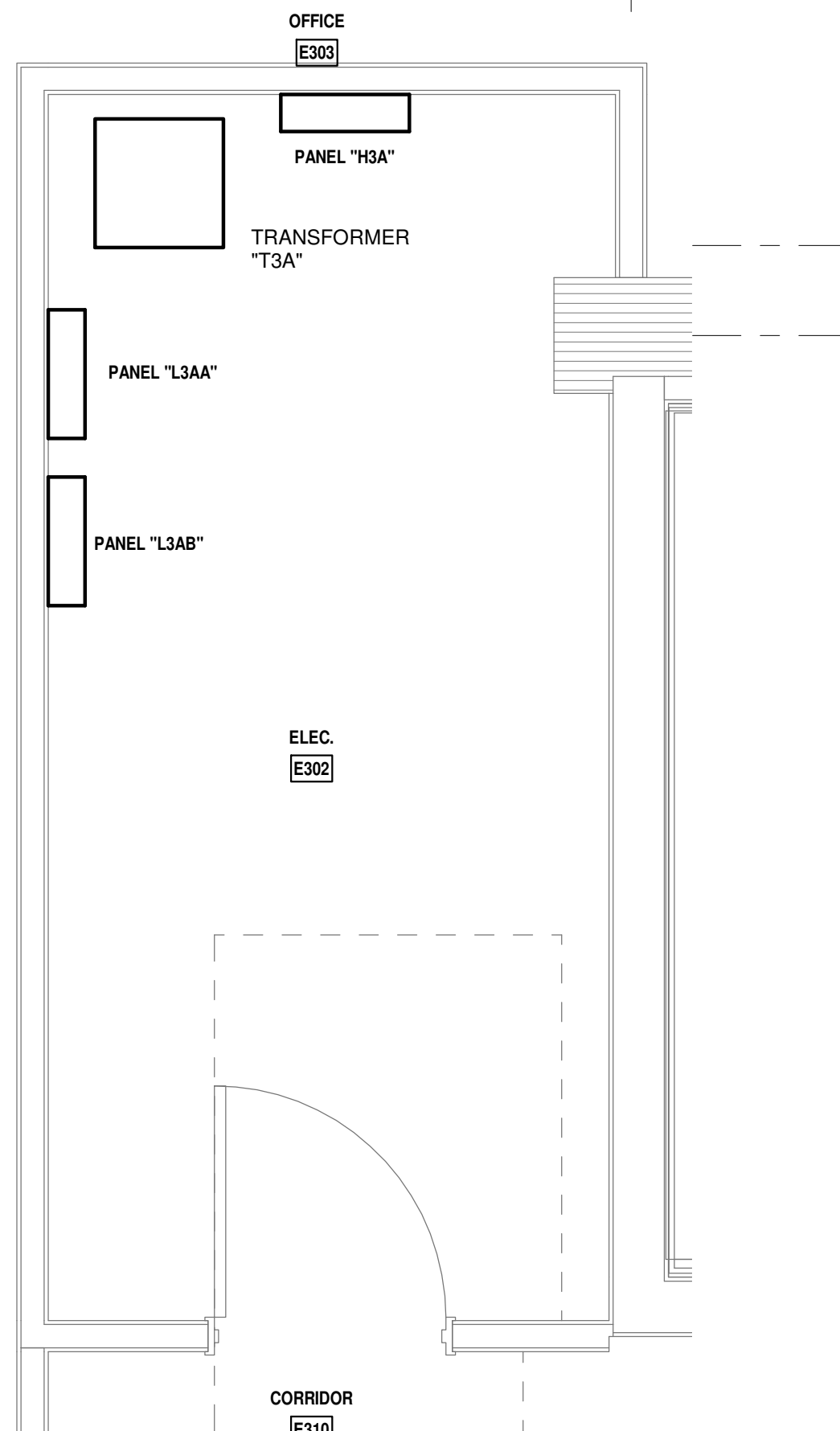
ENLARGED E404 ELECTRICAL PLAN  
1/2" = 1'-0" NORTH

B1  
B1a

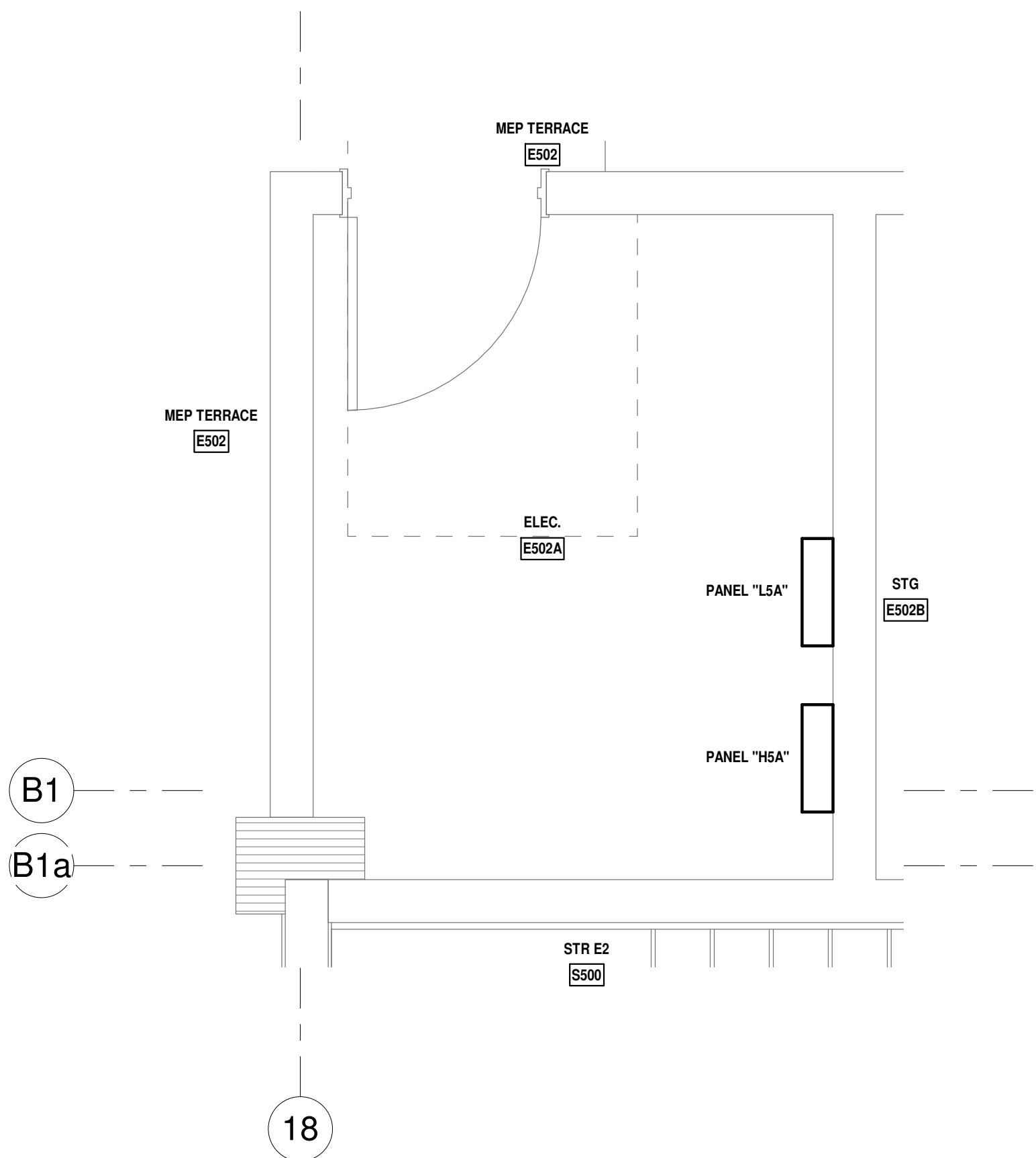


ENLARGED E401 ELECTRICAL PLAN  
1/2" = 1'-0" NORTH

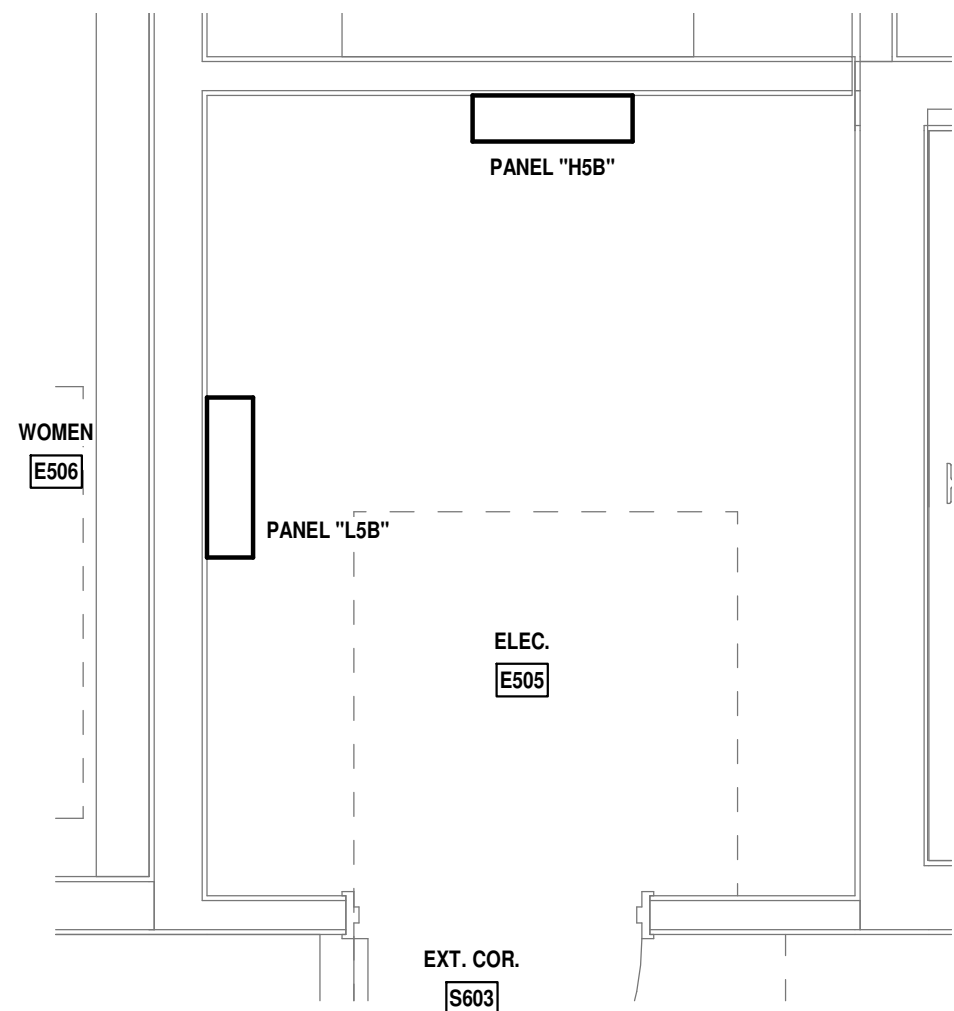
B1  
B1a



ENLARGED E302 ELECTRICAL PLAN  
1/2" = 1'-0" NORTH




ENLARGED E502A ELECTRICAL PLAN  
1/2" = 1'-0" NORTH



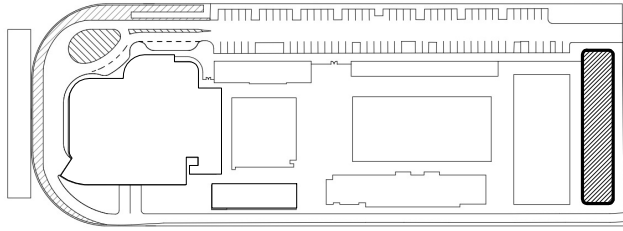
ENLARGED E505 ELECTRICAL PLAN  
1/2" = 1'-0" NORTH

PROGRESS SET  
NOT FOR CONSTRUCTION  
DATED: 06/17/22

ISSUED FOR PERMIT	
ISSUED FOR CONSTRUCTION	
KAMM CONSULTING PROJECT #: 2020-0300	
PROJECT MANAGER: JOE ZIMMER	
	
1407 West Newport Center Drive Deerfield Beach, Florida 33442 Phone 954.949.2200 Fax 954.949.2201 engineering@kammconsulting.com	
06/17/22	
Certification of Authorization #8189	

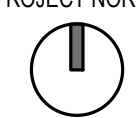
**ARQUITECTONICA**  
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CIVIL ENGINEER:  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:  


DESCRIPTION	DATE
NOT FOR CONSTRUCTION	

SEAL & SIGNATURE

PROJECT NORTH:  


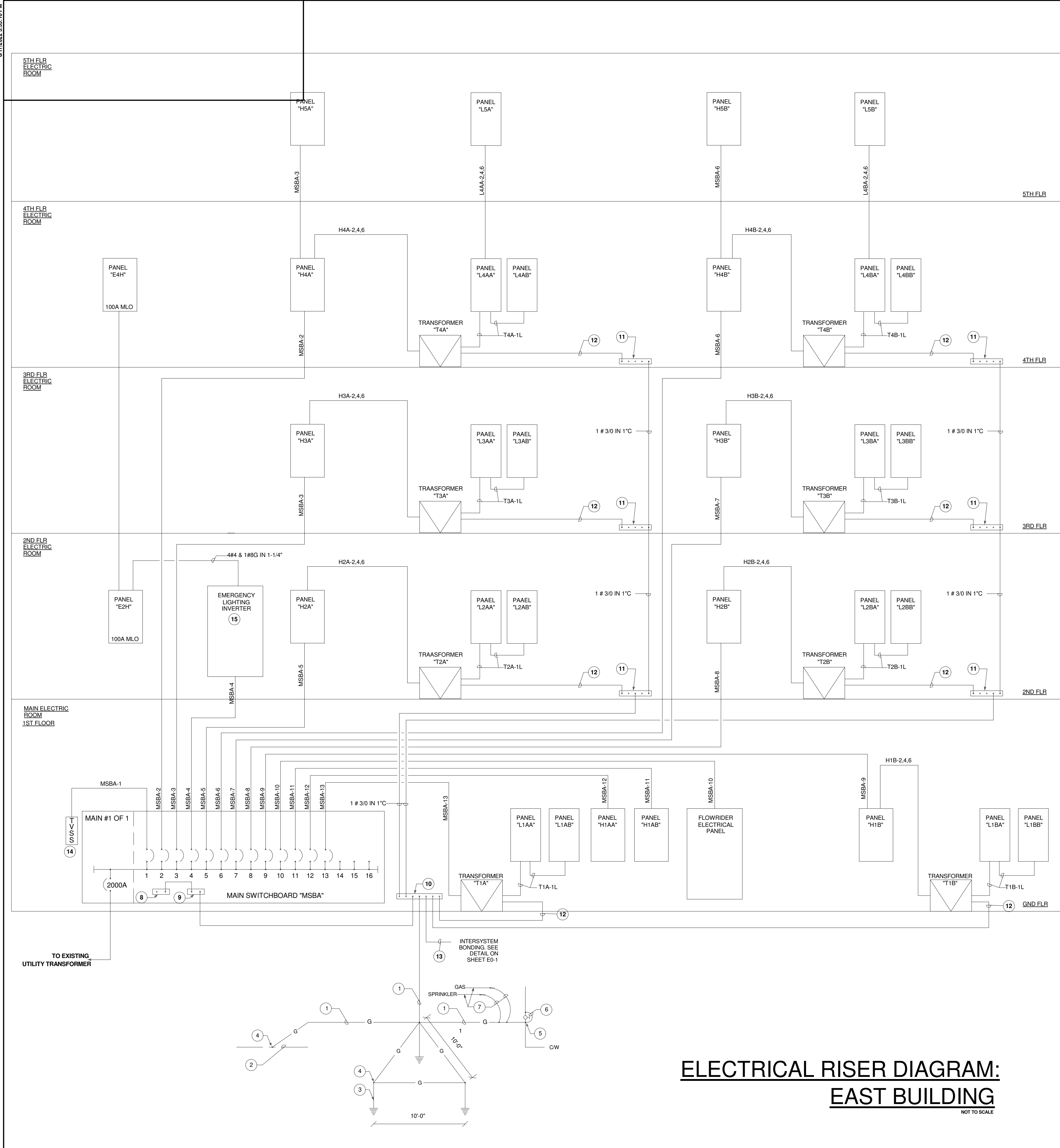
DRAWING TITLE  
ENLARGED ELECTRICAL ROOM PLANS

PROJECT NUMBER: 010326.000  
DATE: 06/03/2022  
SCALE: 1/2" = 1'-0"  
SHEET  
**E4-002**  
CAM 23-0723  
Exhibit 1L  
Page 159 of 171



6/17/2022 3:31:18 PM

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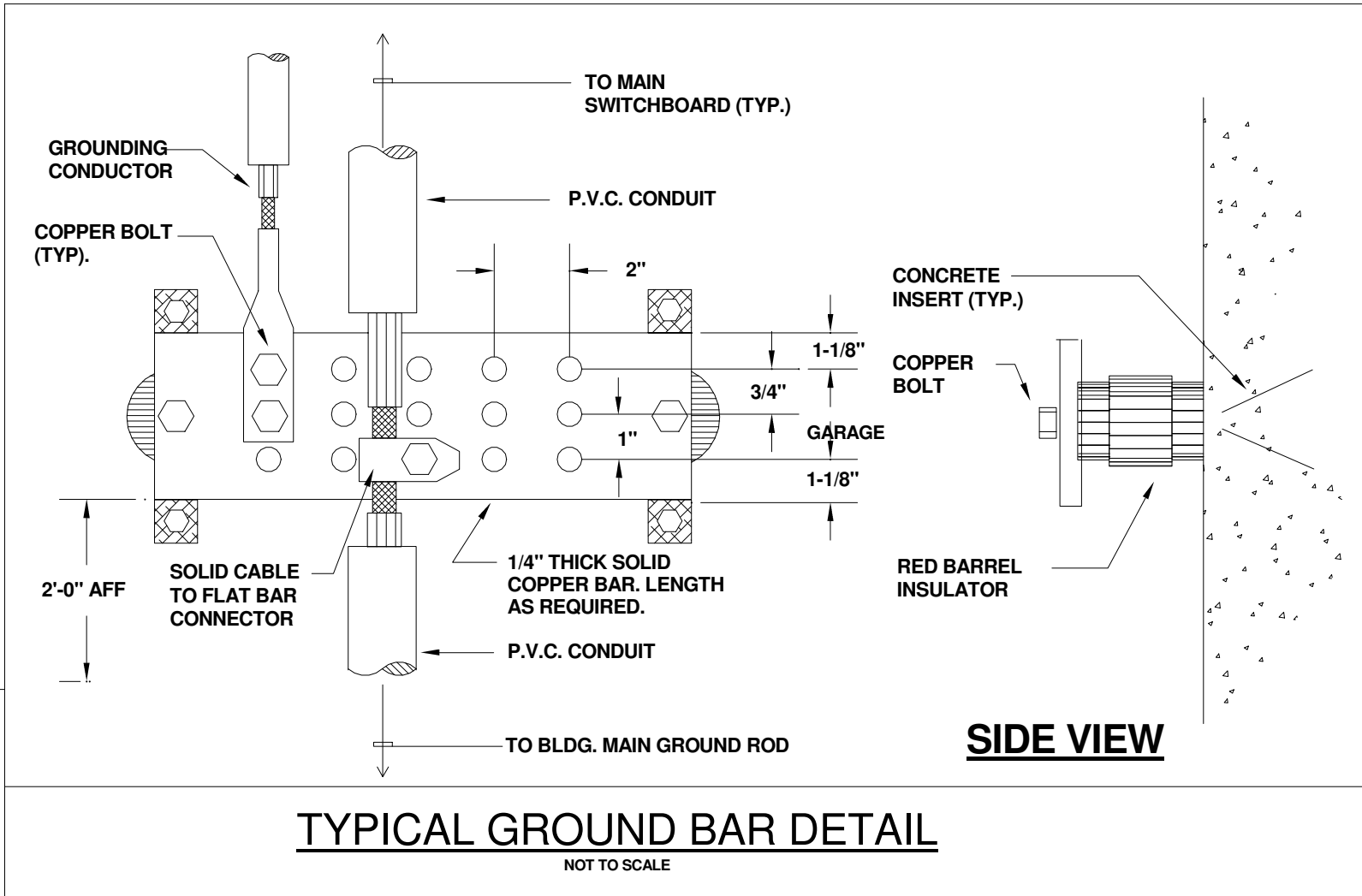
SCHEDULE OF DRY-TYPE TRANSFORMERS									
MARK	KVA	VOLTAGE		MOUNTING	SECONDARY FEEDER			NOTES	
		PRIMARY	SECONDARY		BREAKER	FEEDER			
T1A	75	480 VOLT 3-3W	208/120 VOLT 3-4W	FLOOR	T1A-1L	(A) 4#4/0 & 1#2G IN 2-1/2"	-		
T1B	75	480 VOLT 3-3W	208/120 VOLT 3-4W	FLOOR	T1B-1L	(A) 4#4/0 & 1#2G IN 2-1/2"	-		
T2A	75	480 VOLT 3-3W	208/120 VOLT 3-4W	FLOOR	T2A-1L	(A) 4#4/0 & 1#2G IN 2-1/2"	-		
T2B	75	480 VOLT 3-3W	208/120 VOLT 3-4W	FLOOR	T2B-1L	(A) 4#4/0 & 1#2G IN 2-1/2"	-		
T3A	75	480 VOLT 3-3W	208/120 VOLT 3-4W	FLOOR	T3A-1L	(A) 4#4/0 & 1#2G IN 2-1/2"	-		
T3B	75	480 VOLT 3-3W	208/120 VOLT 3-4W	FLOOR	T3B-1L	(A) 4#4/0 & 1#2G IN 2-1/2"	-		
T4A	75	480 VOLT 3-3W	208/120 VOLT 3-4W	FLOOR	T4A-1L	(A) 4#4/0 & 1#2G IN 2-1/2"	-		
T4B	75	480 VOLT 3-3W	208/120 VOLT 3-4W	FLOOR	T4B-1L	(A) 4#4/0 & 1#2G IN 2-1/2"	-		

NOTE:

PANEL MAIN BREAKER IS TRANSFORMER SECONDARY BREAKER.

PRELIMINARY LOAD SUMMARY: EAST BUILDING CALCULATIONS									
<b>CIRCULATION AREAS: 3,874 SQFT</b> LIGHTING: 3,874 X 0.66 = 2,557 RECEPT: 3,874 X 1 = 3,874 SUB-TOTAL: 6,431W			<b>RESTAURANT AREA: 467 SQFT</b> LIGHTING: 467 X 0.93 = 434 RECEPT: 467 X 5 = 2,335 MISC: 467 X 40 = 18,680 SUB-TOTAL: 21,449W			<b>WELCOME CENTER AREA: 1,500 SQFT</b> LIGHTING: 1,500 X 1.07 = 1,605 RECEPT: 1,500 X 5 = 7,500 MISC: 1,500 X 7 = 10,500 SUB-TOTAL: 19,605W			
<b>MEP AREAS: 2,471 SQFT</b> LIGHTING: 2,471 X 0.43 = 1,063 RECEPT: 2,471 X 0.5 = 1,236 SUB-TOTAL: 2,299W			<b>RETAIL AREAS: 4,335 SQFT</b> LIGHTING: 4,335 X 1.22 = 5,289 RECEPT: 4,335 X 5 = 21,675 MISC: 4,335 X 7 = 30,345 SUB-TOTAL: 57,309W			<b>TERRACE, STAIRWELLS AREAS: 18,285 SQFT</b> LIGHTING: 18,285 X 0.58 = 10,605 SUB-TOTAL: 10,605W			
<b>OCEAN RESCUE AREA: 4,504 SQFT</b> LIGHTING: 4,504 X 1.1 = 4,954 RECEPT: 4,504 X 5 = 22,520 MISC: 4,504 X 7 = 31,528 SUB-TOTAL: 59,002W			<b>RETAIL AREAS: 4,335 SQFT</b> LIGHTING: 4,335 X 1.22 = 5,289 RECEPT: 4,335 X 5 = 21,675 MISC: 4,335 X 7 = 30,345 SUB-TOTAL: 57,309W			<b>HVAC LOADS: 150T X 2 KVA = 300KVA</b> <b>ELEVATORS = 2 X 70KVA = 140KVA</b> <b>FLOW-RIDER POWER = 308KVA</b>			
<b>OFFICE AREAS: 16,449 SQFT</b> LIGHTING: 16,449 X 0.93 = 15,298 RECEPT: 16,449 X 5 = 82,245 MISC: 16,449 X 7 = 115,143 SUB-TOTAL: 212,686W						<div>TOTAL EAST BUILDING LOAD = 1197.4 KVA @ 480V = 1440AMP X 1.25% = 1800A = 2000AMP SERVICE</div>			

- RISER KEY NOTES**
- 1#3/0 CU GROUNDING ELECTRODE CONDUCTOR IN 1" SCHEDULE 40 PVC CONDUIT.
  - EXOTHERMIC CONNECTION OR HEAVY DUTY SOLID BRONZE BOLTED GROUND CLAMP U.L. LISTED FOR THE PURPOSE. ELECTRICALLY CONTINUOUS STEEL REINFORCING BAR (20FT MIN. LENGTH) IN BOTTOM OF BUILDING FOUNDATION IN DIRECT CONTACT WITH EARTH.
  - 10 FT. LONG x 3/4" DIAMETER COPPER DRIVEN GROUND ELECTRODE.
  - EXOTHERMIC CONNECTION OR HEAVY DUTY SOLID BRONZE BOLTED GROUND CLAMP U.L. LISTED FOR THE PURPOSE. (TYPICAL)
  - MAKE CONNECTION TO METALLIC COLD WATER ENTRANCE PIPE BEFORE FIRST VALVE WITH HEAVY DUTY BRONZE GROUND CLAMP.
  - PROVIDE 1#3/0 CU BONDING JUMPER AROUND FIRST VALVE.
  - PROVIDE 1#6 CU BONDING JUMPER TO INTERIOR METAL PIPING SYSTEMS SUBJECT TO BECOME ENERGIZED-SPRINKLER PIPES AND GAS PIPES-THE POINTS OF ATTACHMENT OF THE BONDING JUMPER SHALL BE ACCESSIBLE (NEC 104 (B))
  - GROUND BAR
  - NEUTRAL BAR
  - BUILDING PRINCIPAL GROUND BAR LOCATED INSIDE ELECTRICAL ROOM. SEE DETAIL ON THIS SHEET.
  - PROVIDE GROUND BAR IN CORRESPONDING ELECTRICAL ROOM. CONNECT TO BUILDING STEEL AND COLD WATER PIPING.
  - 1#2-CU GROUNDING CONDUCTOR IN 3/4" SCHEDULE 40 PVC CONDUIT TO GROUND BAR LOCATED IN CORRESPONDING ELECTRICAL ROOM. BOND TO COLD WATER PIPING IN ADJACENT AREA.
  - 1#6 CU GROUNDING ELECTRODE CONDUCTOR IN 3/4" SCHEDULE 40 PVC CONDUIT.
  - PROVIDE EXTERNAL SURGE PROTECTIVE AS SPECIFIED ON PANEL SCHEDULE SHEET E6.1
  - SURE-LITES UNINTERRUPTIBLE 50.0 KVA LIGHTING INVERTER, 3-PHASE PURE SINE WAVE, UL924 LISTED WITH SELF-DIAGNOSTICS STANDARD, INTERNAL MAINTENANCE BYPASS SWITCH, COOPER LIGHTING MODEL NO. "INV-T50-B" SERIES, FURNISHED WITH 63A/3P DISTRIBUTION CIRCUIT BREAKER, 90 MINUTE MINIMUM BATTERY BACKUP. INVERTER SHALL REMAIN ON FOR 10 MINUTES AFTER RETURN OF UTILITY COMPANY'S SERVICE. FURNISHED BY OWNER INSTALLED BY ELECTRICAL CONTRACTOR



# ELECTRICAL RISER DIAGRAM: EAST BUILDING

NOT TO SCALE

ISSUED FOR PERMIT	-
ISSUED FOR CONSTRUCTION	-
PROJECT MANAGER:	JOE ZIMMER
PROJECT NUMBER:	010326.000
DATE:	06/03/2022
SCALE:	12" = 1'-0"
SHEET	E5-001
CAM 23-0723	Exhibit 1L
Page 154 of 171	

## ARQUITECTONICA

OWNER:  
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ARQUITECTONICA  
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MIAMI, FL 33133  
TEL: 305.372.1812

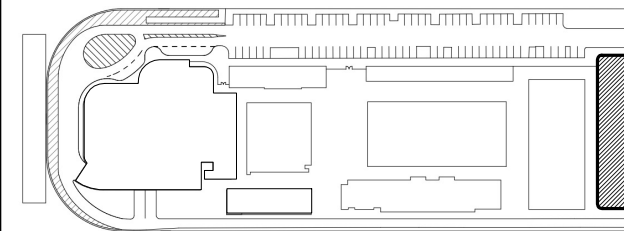
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101 NE THIRD AVENUE, STE. 1170  
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TEL: 954.903.9300

MEP/FP ENGINEERS:  
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

CIVIL ENGINEER:  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



DESCRIPTION DATE

NOT FOR  
CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:

DRAWING TITLE  
ELECTRICAL RISER DIAGRAM



SCHEDULE OF BRANCH CIRCUIT PANEL "H3B"														
MAIN: 225 AMP MAIN LUGS ONLY					VOLTAGE: 480/277V, 3 , 4 WIRE									
SPEC: SQUARE D TYPE "NF" OR APPROVED EQUIVALENT					AIC SYMM: 18,000									
MOUNTING: SURFACE														
DESCRIPTION	WIRE	GND.	COND.	TRIP	CKT.	A PHASE KVA	B PHASE KVA	C PHASE KVA	CKT.	TRIP	COND.	GND.	WIRE	DESCRIPTION
-	-	-	-	-	1	-	-	-	2	-	-	-	-	-
					3	-	-	-	4	-	-	-	-	-
					5	-	-	-	6	-	-	-	-	-
					7	-	-	-	8	-	-	-	-	-
					9	-	-	-	10	-	-	-	-	-
					11	-	-	-	12	-	-	-	-	-
					13	-	-	-	14	-	-	-	-	-
					15	-	-	-	16	-	-	-	-	-
					17	-	-	-	18	-	-	-	-	-
					19	-	-	-	20	-	-	-	-	-
					21	-	-	-	22	-	-	-	-	-
					23	-	-	-	24	-	-	-	-	-
					25	-	-	-	26	-	-	-	-	-
					27	-	-	-	28	-	-	-	-	-
					29	-	-	-	30	-	-	-	-	-
					31	-	-	-	32	-	-	-	-	-
					33	-	-	-	34	-	-	-	-	-
					35	-	-	-	36	-	-	-	-	-
					37	-	-	-	38	-	-	-	-	-
					39	-	-	-	40	-	-	-	-	-
					41	-	-	-	42	-	-	-	-	-
					KVA PER PHASE									
					AMPS PER PHASE									
					TOTAL KVA									

SCHEDULE OF BRANCH CIRCUIT PANEL "H4A"														
MAIN: 400 AMP MAIN LUGS ONLY WITH FEED THRU LUGS					VOLTAGE: 480/277V, 3 , 4 WIRE									
SPEC: SQUARE D TYPE "NF" OR APPROVED EQUIVALENT					AIC SYMM: 18,000									
MOUNTING: SURFACE														
DESCRIPTION	WIRE	GND.	COND.	TRIP	CKT.	A PHASE KVA	B PHASE KVA	C PHASE KVA	CKT.	TRIP	COND.	GND.	WIRE	DESCRIPTION
-	-	-	-	-	1	-	-	-	2	-	-	-	-	-
					3	-	-	-	4	-	-	-	-	-
					5	-	-	-	6	-	-	-	-	-
					7	-	-	-	8	-	-	-	-	-
					9	-	-	-	10	-	-	-	-	-
					11	-	-	-	12	-	-	-	-	-
					13	-	-	-	14	-	-	-	-	-
					15	-	-	-	16	-	-	-	-	-
					17	-	-	-	18	-	-	-	-	-
					19	-	-	-	20	-	-	-	-	-
					21	-	-	-	22	-	-	-	-	-
					23	-	-	-	24	-	-	-	-	-
					25	-	-	-	26	-	-	-	-	-
					27	-	-	-	28	-	-	-	-	-
					29	-	-	-	30	-	-	-	-	-
					31	-	-	-	32	-	-	-	-	-
					33	-	-	-	34	-	-	-	-	-
					35	-	-	-	36	-	-	-	-	-
					37	-	-	-	38	-	-	-	-	-
					39	-	-	-	40	-	-	-	-	-
					41	-	-	-	42	-	-	-	-	-
					KVA PER PHASE PANEL "H4A"									
					KVA PER PHASE PANEL "H5A"									
					TOTAL KVA PER PHASE									
					AMPS PER PHASE									
					TOTAL KVA									

SCHEDULE OF BRANCH CIRCUIT PANEL "H5A"														
MAIN: 400 AMP MAIN LUGS ONLY					VOLTAGE: 480/277V, 3 , 4 WIRE									
SPEC: SQUARE D TYPE "NF" OR APPROVED EQUIVALENT					AIC SYMM: 18,000									
MOUNTING: SURFACE														
DESCRIPTION	WIRE	GND.	COND.	TRIP	CKT.	A PHASE KVA	B PHASE KVA	C PHASE KVA	CKT.	TRIP	COND.	GND.	WIRE	DESCRIPTION
-	-	-	-	-	1	-	-	-	2	-	-	-	-	-
					3	-	-	-	4	-	-	-	-	-
					5	-	-	-	6	-	-	-	-	-
					7	-	-	-	8	-	-	-	-	-
					9	-	-	-	10	-	-	-	-	-
					11	-	-	-	12	-	-	-	-	-
					13	-	-	-	14	-	-	-	-	-
					15	-	-	-	16	-	-	-	-	-
					17	-	-	-	18	-	-	-	-	-
					19	-	-	-	20	-	-	-	-	-
					21	-	-	-	22	-	-	-	-	-
					23	-	-	-	24	-	-	-	-	-
					25	-	-	-	26	-	-	-	-	-
					27	-	-	-	28	-	-	-	-	-
					29	-	-	-	30	-	-	-	-	-
					31	-	-	-	32	-	-	-	-	-
					33	-	-	-	34	-	-	-	-	-
					35	-	-	-	36	-	-	-	-	-
					37	-	-	-	38	-	-	-	-	-
					39	-	-	-	40	-	-	-	-	-
					41	-	-	-	42	-	-	-	-	-
					KVA PER PHASE									
					AMPS PER PHASE									
					TOTAL KVA									

GENERAL NOTES

- A. MULTI-WIRE BRANCH CIRCUITS WITH MULTI-POLE BREAKERS ARE ACCEPTABLE FOR USE WITH NORMAL LIGHTING AND POWER BRANCH CIRCUITS IN LIEU OF THE SINGLE POLE BRANCH CIRCUITS INDICATED.
- B. MULTI-WIRE BRANCH CIRCUITS ARE NOT ALLOWED FOR EMERGENCY LIGHTING AND POWER BRANCH CIRCUITS

SCHEDULE OF BRANCH CIRCUIT PANEL "H1B"														
MAIN: 225 AMP MAIN LUGS ONLY					VOLTAGE: 480/277V, 3 , 4 WIRE									
SPEC: SQUARE D TYPE "NF" OR APPROVED EQUIVALENT					AIC SYMM: 18,000									
MOUNTING: SURFACE														
DESCRIPTION	WIRE	GND.	COND.	TRIP	CKT.	A PHASE KVA	B PHASE KVA	C PHASE KVA	CKT.	TRIP	COND.	GND.	WIRE	DESCRIPTION
-	-	-	-	-	1	-	-	-	2	-	-	-	-	-
					3	-	-	-	4	-	-	-	-	-
					5	-	-	-	6	-	-	-	-	-
					7	-	-	-	8	-	-	-	-	-
					9	-	-	-	10	-	-	-	-	-
					11	-	-	-	12	-	-	-	-	-
					13	-	-	-	14	-	-	-	-	-
					15	-	-	-	16	-	-	-	-	-
					17	-	-	-	18	-	-	-	-	-
					19	-	-	-	20	-	-	-	-	-
					21	-	-	-	22	-	-	-	-	-
					23	-	-	-	24	-	-	-	-	-
					25	-	-	-	26	-	-	-	-	-
					27	-	-	-	28	-	-	-	-	-
					29	-	-	-	30	-	-	-	-	-
					31	-	-	-	32	-	-	-	-	-
					33	-	-	-	34	-	-	-	-	-
					35	-	-	-	36	-	-	-	-	-
					37	-	-	-	38	-	-	-	-	-
					39	-	-	-	40	-	-	-	-	-
					41	-	-	-	42	-	-	-	-	-
					KVA PER PHASE									
					AMPS PER PHASE									
					TOTAL KVA									

SCHEDULE OF BRANCH CIRCUIT PANEL "H2A"																			
MAIN: 225 AMP MAIN LUGS ONLY					VOLTAGE: 480/277V, 3 , 4 WIRE														
SPEC: SQUARE D TYPE "NF" OR APPROVED EQUIVALENT					AIC SYMM: 18,000														
MOUNTING: SURFACE					COND.		GND.		WIRE		DESCRIPTION								
DESCRIPTION					WIRE	GND.	COND.	TRIP	CKT.	A PHASE KVA	B PHASE KVA	C PHASE KVA	CKT.	TRIP					
-					-	-	-	-	1	-	-	-	2	-	-	-	-	-	
									3	-	-	-	4						
									5	-	-	-	6						
									7	-	-	-	8						
									9	-	-	-	10						
									11	-	-	-	12						
									13	-	-	-	14						
									15	-	-	-	16						
									17	-	-	-	18						
									19	-	-	-	20						
									21	-	-	-	22						
									23	-	-	-	24						
									25	-	-	-	26						
									27	-	-	-	28						
									29	-	-	-	30						
									31	-	-	-	32						
									33	-	-	-	34						
									35	-	-	-	36						
									37	-	-	-	38						
									39	-	-	-	40						
									41	-	-	-	42						
									-	-	-	-	KVA PER PHASE						
									-	-	-	-	AMPS PER PHASE						
									-	-	-	-	TOTAL KVA						



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### SCHEDULE OF BRANCH CIRCUIT PANEL "L2BA"

MAIN: 225 AMP / 3 POLE MAIN CIRCUIT BREAKER (PROVIDE PANEL WITH FEED THRU LUGS)										VOLTAGE: 208/120V, 3 , 4 WIRE									
SPEC: SQUARE D TYPE "NQ" OR APPROVED EQUIVALENT										A/C SYMM: 10,000									
MOUNTING: SURFACE																			
DESCRIPTION		WIRE	GND.	COND.	TRIP	CKT.	A PHASE KVA	B PHASE KVA	C PHASE KVA	CKT.	TRIP	COND.	GND.	WIRE	DESCRIPTION				
PICK TEXT FOR LEFT SIDE		-	-	-	-	1	-	-	-	2	-	-	-	-	PICK TEXT FOR RIGHT SIDE				
						3				4									
						5				6									
						7				8									
						9	-	-	-	10									
						11				12									
						13	-	-	-	14									
						15				16									
						17				18									
						19	-	-	-	20									
						21				22									
						23				24									
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						27				28									
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						31	-	-	-	32									
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						39				40									
						41				42									
							-	-	-	KVA PER PHASE PANEL "L2BA"									
							-	-	-	KVA PER PHASE PANEL "L2BB"									
							-	-	-	TOTAL KVA PER PHASE									
							-	-	-	AMPS PER PHASE									
							-	-	-	TOTAL KVA									

### SCHEDULE OF BRANCH CIRCUIT PANEL "L2BB"

MAIN: 225 AMP MAIN LUGS ONLY										VOLTAGE: 208/120V, 3 ∅, 4 WIRE									
SPEC: SQUARE D TYPE "NQ" OR APPROVED EQUIVALENT										A/C SYMM: 10,000									
MOUNTING: SURFACE																			
DESCRIPTION		WIRE	GND.	COND.	TRIP	CKT.	A PHASE KVA	B PHASE KVA	C PHASE KVA	CKT.	TRIP	COND.	GND.	WIRE	DESCRIPTION				
PUT SOMETHING HERE		-	-	-	-	1	-	-	-	2	-	-	-	-	PUT SOMETHING HERE				
						3				4									
						5				6									
						7	-	-		8									
						9				10									
						11				12									
						13	-	-		14									
						15				16									
						17				18									
						19	-	-		20									
						21				22									
						23				24									
						25	-	-		26									
						27				28									
						29				30									
						31	-	-		32									
						33				34									
						35				36									
						37	-	-		38									
						39				40									
						41				42									
							-	-	-	KVA PER PHASE									
							-	-	-	AMPS PER PHASE									
							-	-	-	TOTAL KVA									

#### GENERAL NOTES

- MULTI-WIRE BRANCH CIRCUITS WITH MULTI-POLE BREAKERS ARE ACCEPTABLE FOR USE WITH NORMAL LIGHTING AND POWER BRANCH CIRCUITS IN LIEU OF THE SINGLE POLE BRANCH CIRCUITS INDICATED.
- MULTI-WIRE BRANCH CIRCUITS ARE NOT ALLOWED FOR EMERGENCY LIGHTING AND POWER BRANCH CIRCUITS

#### NOTES FOR BRANCH CIRCUIT PANELS

- PROVIDE CIRCUIT BREAKER WITH CLASS 'A' (4-6ma) GROUND FAULT PROTECTION.
- PROVIDE CIRCUIT BREAKER WITH HANDLE LOCK-OFF DEVICE. CIRCUIT BREAKER USED FOR THE FIRE ALARM SYSTEM SHALL HAVE RED HANDLE.

### SCHEDULE OF BRANCH CIRCUIT PANEL "L1BA"

MAIN: 225 AMP / 3 POLE MAIN CIRCUIT BREAKER (PROVIDE PANEL WITH FEED THRU LUGS)										VOLTAGE: 208/120V, 3 , 4 WIRE									
SPEC: SQUARE D TYPE "NQ" OR APPROVED EQUIVALENT										A/C SYMM: 10,000									
MOUNTING: SURFACE																			
DESCRIPTION		WIRE	GND.	COND.	TRIP	CKT.	A PHASE KVA	B PHASE KVA	C PHASE KVA	CKT.	TRIP	COND.	GND.	WIRE	DESCRIPTION				
PICK TEXT FOR LEFT SIDE		-	-	-	-	1	-	-	-	2	-	-	-	-	PICK TEXT FOR RIGHT SIDE				
						3				4									
						5				6									
						7				8									
						9				10									
						11				12									
						13				14									
						15				16									
						17				18									
						19				20									
						21				22									
						23				24									
						25				26									
						27				28									
						29				30									
						31				32									
						33				34									
						35				36									
						37				38									
						39				40									
						41				42									
						-	-	-	-	KVA PER PHASE PANEL "L1BA"									
						-	-	-	-	KVA PER PHASE PANEL "L1BB"									
						-	-	-	-	TOTAL KVA PER PHASE									
						-	-	-	-	AMPS PER PHASE									
						-	-	-	-	TOTAL KVA									



**A. MULTI-WIRE BRANCH CIRCUITS WITH MULTI-POLE BREAKERS ARE ACCEPTABLE FOR USE WITH NORMAL LIGHTING AND POWER BRANCH CIRCUITS IN LIEU OF THE SINGLE POLE BRANCH CIRCUITS INDICATED.**

**B. MULTI-WIRE BRANCH CIRCUITS ARE NOT ALLOWED FOR EMERGENCY LIGHTING AND POWER BRANCH CIRCUITS**

[illegible]

MAIN: 225 AMP MAIN LUGS ONLY										VOLTAGE: 208/120V, 3 , 4 WIRE				
SPEC: SQUARE D TYPE "NO" OR APPROVED EQUIVALENT										A/C SYMM: 10,000				
MOUNTING: SURFACE														
DESCRIPTION	WIRE	GND.	COND.	TRIP	CKT.	A PHASE KVA	B PHASE KVA	C PHASE KVA	CKT.	TRIP	COND.	GND.	WIRE	DESCRIPTION
PUT SOMETHING HERE	-	-	-	-	1	-	-	-	2	-	-	-	-	PUT SOMETHING HERE
					3				4					
					5				6					
					7				8					
					9				10					
					11				12					
					13				14					
					15				16					
					17				18					
					19				20					
					21				22					
					23				24					
					25				26					
					27				28					
					29				30					
					31				32					
					33				34					
					35				36					
					37				38					
					39				40					
					41				42					
									KVA PER PHASE					
									AMPS PER PHASE					
									TOTAL KVA					

225 AMP / 3 POLE MAIN CIRCUIT BREAKER (PROVIDE PANEL WITH FEED THRU LUGS)										VOLTAGE: 208/120V, 3 , 4 WIRE				
SPEC: SQUARE D TYPE "NQ" OR APPROVED EQUIVALENT										A/C SYMM: 10,000				
MOUNTING: SURFACE														
DESCRIPTION	WIRE	GND.	COND.	TRIP	CKT.	A PHASE KVA	B PHASE KVA	C PHASE KVA	CKT.	TRIP	COND.	GND.	WIRE	DESCRIPTION
PICK TEXT FOR LEFT SIDE	-	-	-	-										
					3	-	-	-	2	125	-	-	-	PANEL "LSB"
					5	-	-	-	4					
					7	-	-	-	6	3				
					9	-	-	-	8					
					11	-	-	-	10					
					13	-	-	-	12					
					15	-	-	-	14					
					17	-	-	-	16					
					19	-	-	-	18					
					21	-	-	-	20					
					23	-	-	-	22					
					25	-	-	-	24					
					27	-	-	-	26					
					29	-	-	-	28					
					31	-	-	-	30					
					33	-	-	-	32					
					35	-	-	-	34					
					37	-	-	-	36					
					39	-	-	-	38					
					41	-	-	-	40					
						-	-	-	42					
						-	-	-						KVA PER PHASE PANEL "L4BA"
						-	-	-						KVA PER PHASE PANEL "L4BB"
						-	-	-						TOTAL KVA PER PHASE
						-	-	-						AMPS PER PHASE
						-	-	-						TOTAL KVA


<b>225 AMP MAIN LUGS ONLY</b> <b>SQUARE D TYPE "NQ" OR APPROVED EQUIVALENT</b> <b>MOUNTING: SURFACE</b>										<b>VOLTAGE:</b> 208/120V, 3 , 4 WIRE					
										<b>A/C SYMM:</b> 10,000					
DESCRIPTION		WIRE	GND.	COND.	TRIP	CKT.	A PHASE KVA	B PHASE KVA	C PHASE KVA	CKT.	TRIP	COND.	GND.	WIRE	DESCRIPTION
PUT SOMETHING HERE		-	-	-	-	15	- *	- *	- *	2	-	-	-		PUT SOMETHING HERE
						3	- *	- *	- *	4					
						5				6					
						7	- *	- *	- *	8					
						9		- *	- *	10					
						11			- *	12					
						13	- *	- *	- *	14					
						15		- *	- *	16					
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						25	- *	- *	- *	26					
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						35			- *	36					
						37	- *	- *	- *	38					
						39		- *	- *	40					
						41			- *	42					
							-	-	-	KVA PER PHASE					
							-	-	-	AMPS PER PHASE					
							-	-	-	TOTAL KVA					

[illegible]

MAIN: 225 AMP MAIN LUGS ONLY										VOLTAGE: 208/120V, 3 , 4 WIRE					
SPEC: SQUARE D TYPE "NQ" OR APPROVED EQUIVALENT										A/C SYMM: 10,000					
MOUNTING: SURFACE															
DESCRIPTION		WIRE	GND.	COND.	TRIP	CKT.	A PHASE KVA	B PHASE KVA	C PHASE KVA	CKT.	TRIP	COND.	GND.	WIRE	DESCRIPTION
PUT SOMETHING HERE		-	-	-	-	1	-	-	-	2	-	-	-	-	PUT SOMETHING HERE
						3				4					
						5				6					
						7	-	-	-	8					
						9	-	-	-	10					
						11				12					
						13	-	-	-	14					
						15	-	-	-	16					
						17				18					
						19	-	-	-	20					
						21	-	-	-	22					
						23				24					
						25	-	-	-	26					
						27	-	-	-	28					
						29				30					
						31	-	-	-	32					
						33	-	-	-	34					
						35				36					
						37	-	-	-	38					
						39	-	-	-	40					
						41				42					
							-	-	-	KVA PER PHASE					
							-	-	-	AMPS PER PHASE					
							-	-	-	TOTAL KVA					

<b>MAIN:</b>	<b>225 AMP / 3 POLE MAIN CIRCUIT BREAKER (PROVIDE PANEL WITH FEED THRU LUGS)</b>								<b>VOLTAGE:</b> 208/120V, 3 , 4 WIRE					
<b>SPEC:</b>	<b>SQUARE D TYPE "NQ" OR APPROVED EQUIVALENT</b>													
<b>MOUNTING:</b>	<b>SURFACE</b>								<b>A/C SYMM:</b> 10,000					
DESCRIPTION	WIRE	GND.	COND.	PANEL	CKT.	A PHASE KVA	B PHASE KVA	C PHASE KVA	CKT.	TRIP	COND.	GND.	WIRE	DESCRIPTION
PICK TEXT FOR LEFT SIDE	-	-	-	-	1				2		-	-	-	PICK TEXT FOR RIGHT SIDE
					3	-	-	-	4					
					5	-	-	-	6					
					7	- *	-	-	8					
					9	-	- *	-	10					
					11			- *	12					
					13	- *	-	-	14					
					15		- *	-	16					
					17			- *	18					
					19	- *	-	-	20					
					21		- *	-	22					
					23			- *	24					
					25	- *	-	-	26					
					27		- *	-	28					
					29			- *	30					
					31	- *	-	-	32					
					33		- *	-	34					
					35			- *	36					
					37	- *	-	-	38					
					39		- *	-	40					
					41			- *	42					
						-	-	-						KVA PER PHASE PANEL "L3BA"
						-	-	-						KVA PER PHASE PANEL "L3BB"
						-	-	-						TOTAL KVA PER PHASE
						-	-	-						AMPS PER PHASE
						-	-	-						TOTAL KVA

MAIN: 225 AMP MAIN LUGS ONLY						VOLTAGE: 208/120V, 3 ∅, 4 WIRE								
SPEC: SQUARE D TYPE "NQ" OR APPROVED EQUIVALENT														
MOUNTING: SURFACE						A/C SYMM: 10,000								
DESCRIPTION	WIRE	GND.	COND.	TRIP	CKT.	A PHASE KVA	B PHASE KVA	C PHASE KVA	CKT.	TRIP	COND.	GND.	WIRE	DESCRIPTION
PUT SOMETHING HERE	-	-	-	-	1	-	-	-	2	-	-	-	-	PUT SOMETHING HERE
					3	-	-	-	3					
					5	-	-	-	4					
					7	-	-	-	6					
					9	-	-	-	8					
					11	-	-	-	10					
					13	-	-	-	12					
					15	-	-	-	14					
					17	-	-	-	16					
					19	-	-	-	18					
					21	-	-	-	20					
					23	-	-	-	22					
					25	-	-	-	24					
					27	-	-	-	26					
					29	-	-	-	28					
					31	-	-	-	30					
					33	-	-	-	32					
					35	-	-	-	34					
					37	-	-	-	36					
					39	-	-	-	38					
					41	-	-	-	40					
						-	-	-	42					
						-	-	-	KVA PER PHASE					
						-	-	-	AMPS PER PHASE					
						-	-	-	TOTAL KVA					

ISSUED FOR PERMIT	
ISSUED FOR CONSTRUCTION	
KAMM CONSULTING PROJECT #:	2020-0300
PROJECT MANAGER:	JOE ZIMMER
	1407 West Newport Center Drive Deerfield Beach, Florida 33442 Phone 564.949.2200 Fax 564.949.2201 engineering@kammconsulting.com
	06/17/22
Certification of Authorization #8189	

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**CIVIL ENGINEER:**  
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2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL:954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

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CONSTRUCTION

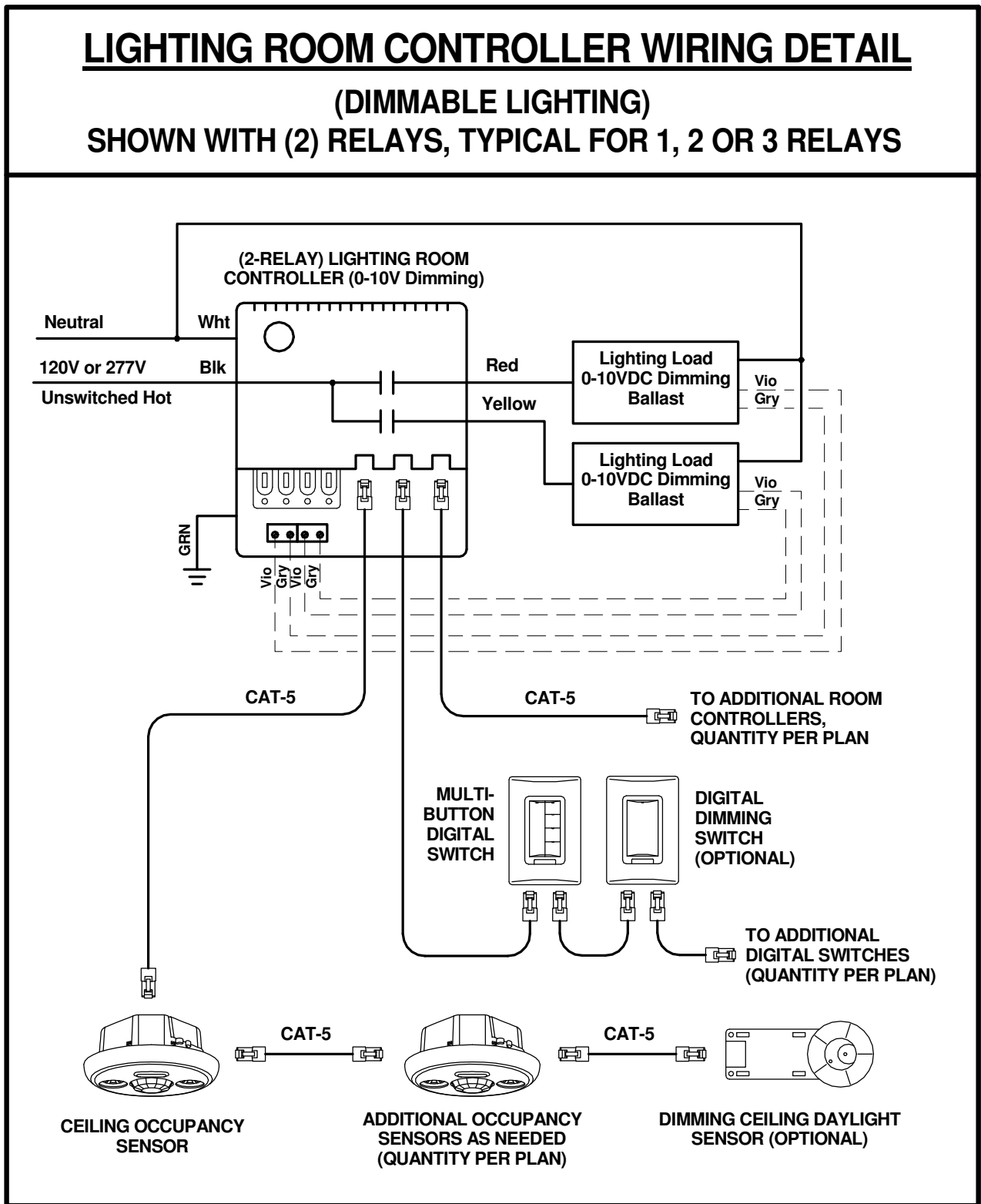
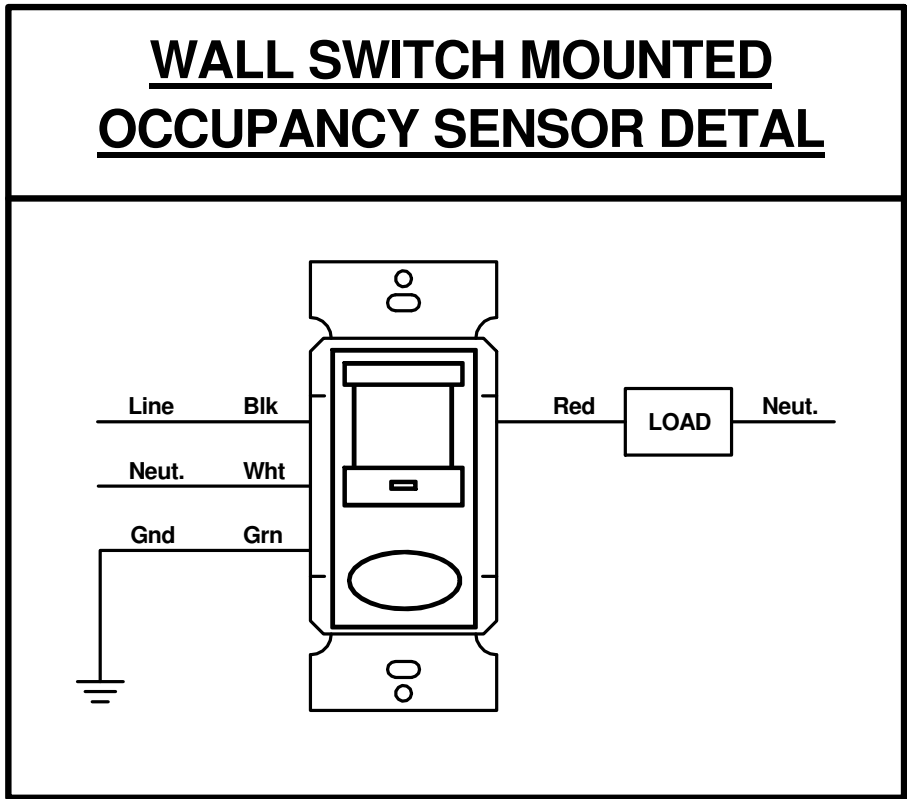
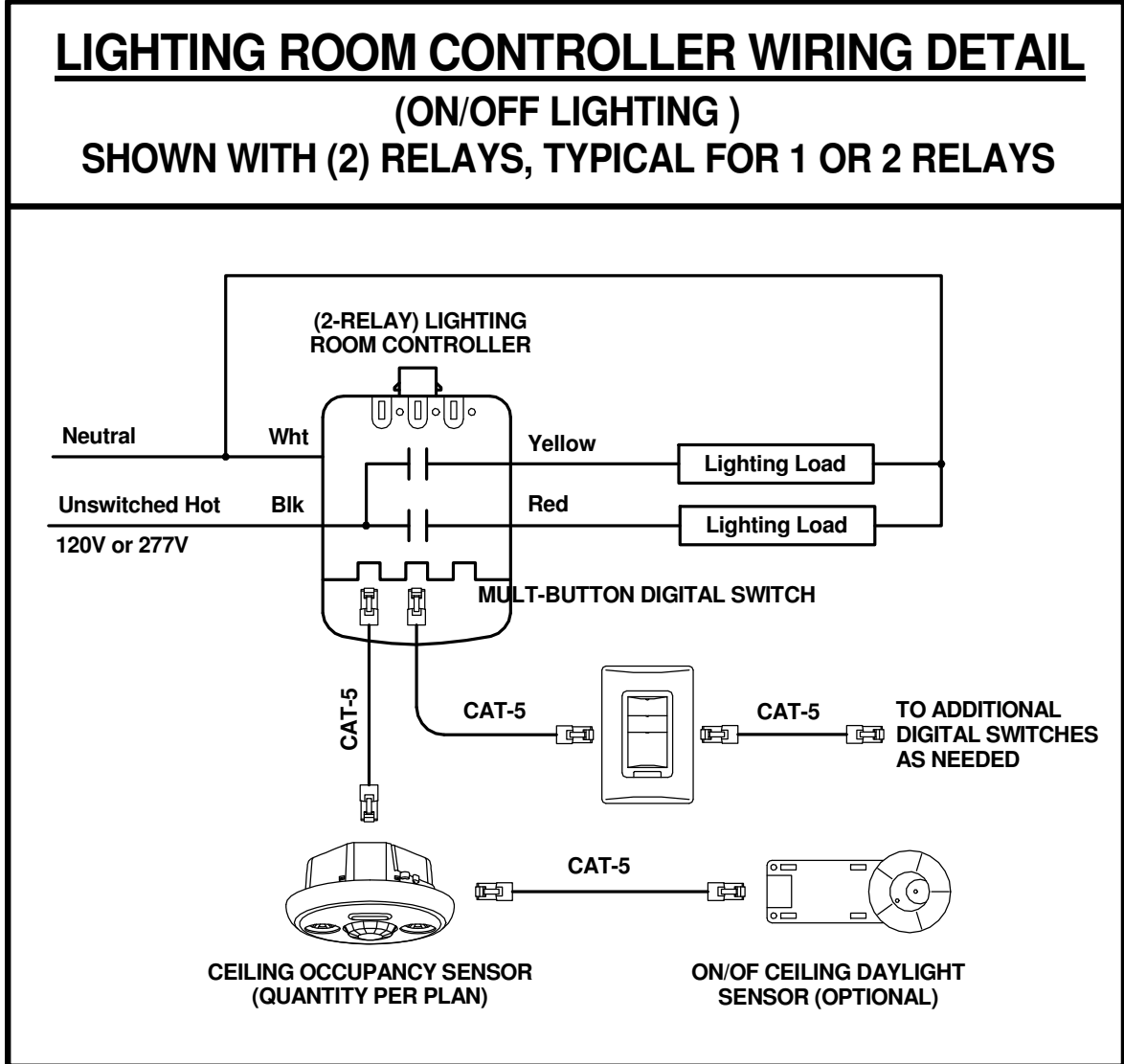
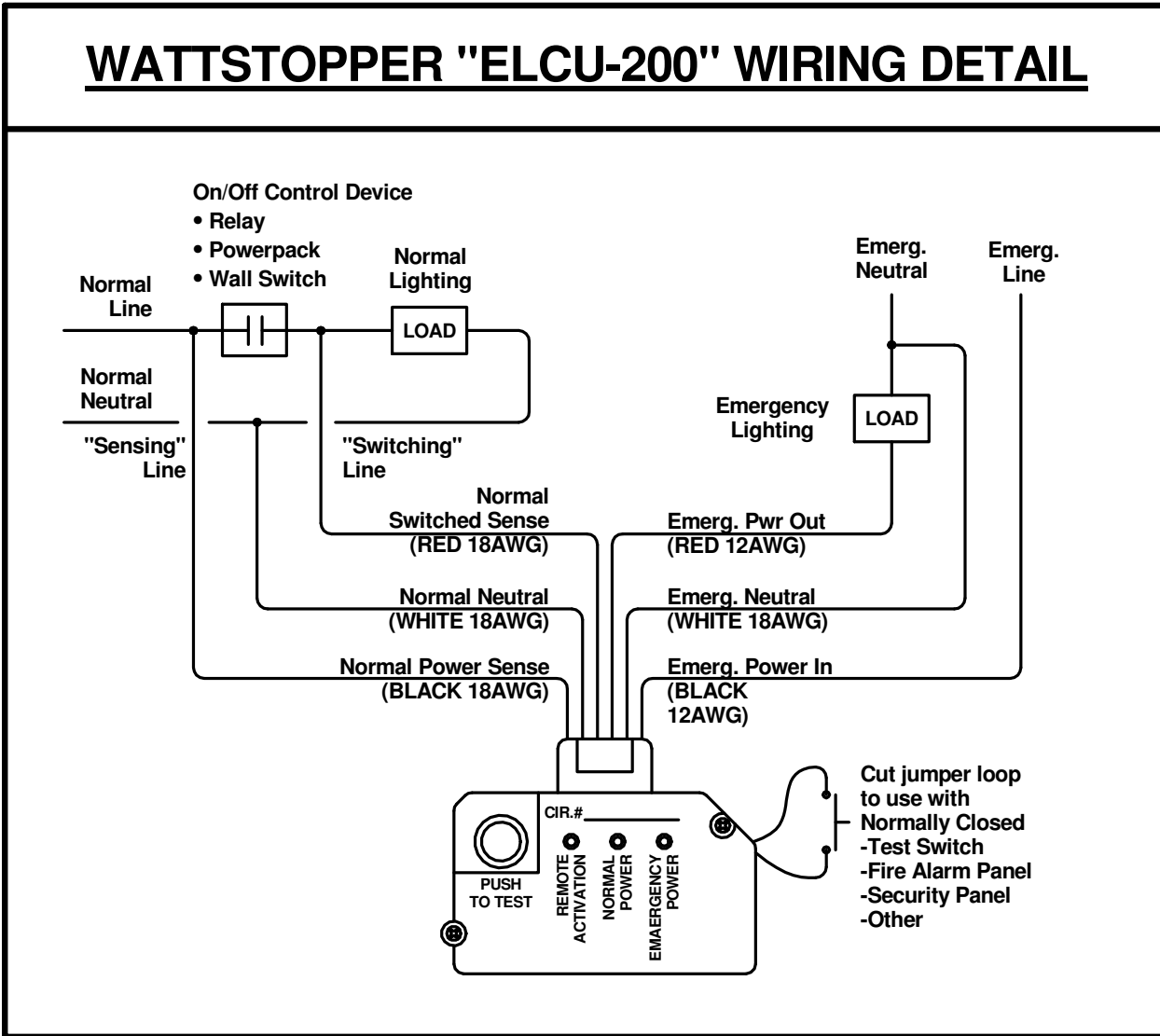
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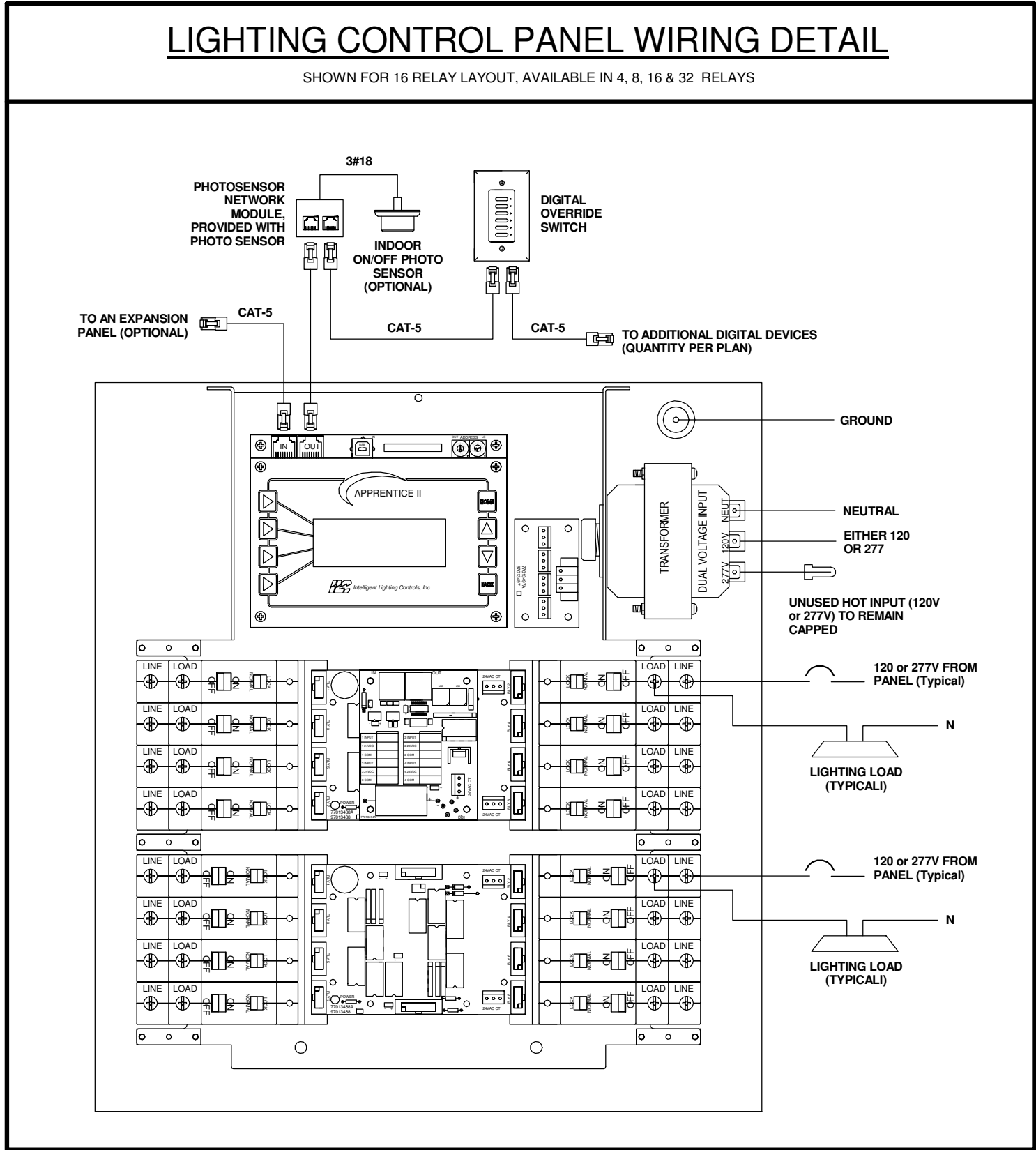
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DATE: 06/03/2022  
SCALE: 12" = 1'-0"

SHEET  
E6-003  
CAM 23-0723  
Exhibit 1L  
Page 157 of 174





**Detail - RD Ceiling**  
12" = 1'-0"



**LIGHTING CONTROL PANEL DETAIL**  
12" = 1'-0"

# ARQUITECTONICA

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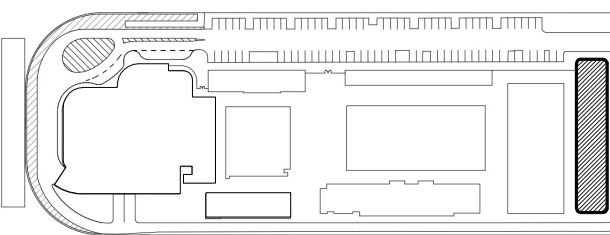
STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

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TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



DESCRIPTION DATE

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PROJECT NORTH:

DRAWING TITLE  
ELECTRICAL DETAILS

PROJECT NUMBER: 010326.000

DATE: 06/03/2022

SCALE: 12" = 1'-0"

SHEET

**E7-001**

CAM 23-0723  
Exhibit 1L  
Page 150 of 171

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KAMM CONSULTING PROJECT #: 2020-0300  
PROJECT MANAGER: JOE ZIMMER

**KAMM** Consulting  
1407 West Newport Center Drive  
Deerfield Beach, Florida 33442  
Phone 954.949.2200 Fax 954.949.2201  
engineering@kammconsulting.com

06/17/22  
Certification of Authorization #8189

PROGRESS SET

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DATED: 06/17/22

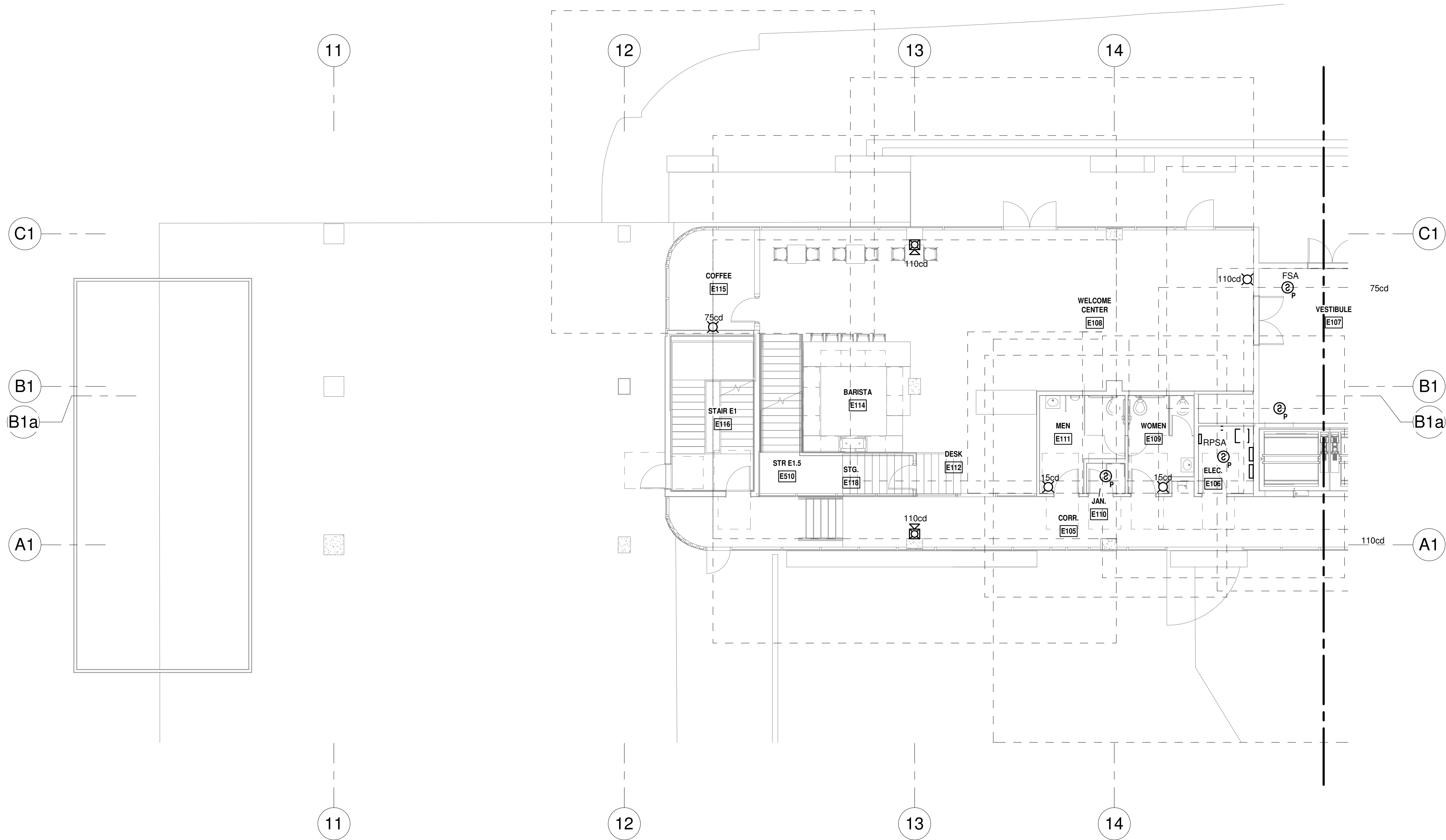






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**LEVEL 1 FIRE ALARM PLAN - NORTH**  
1/8" = 1'-0" NORTH

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ISSUED FOR CONSTRUCTION

KAMM CONSULTING PROJECT #: 2020-0300  
PROJECT MANAGER: JOE ZIMMER

**KAMM**  
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engineering@kammconsulting.com

06/17/22  
Certification of Authorization #8189

PROGRESS SET

NOT FOR CONSTRUCTION

DATED: 06/17/22

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CIVIL ENGINEER:  
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TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:

Δ	DESCRIPTION	DATE
<div>NOT FOR CONSTRUCTION</div>		

SEAL & SIGNATURE

PROJECT NORTH:

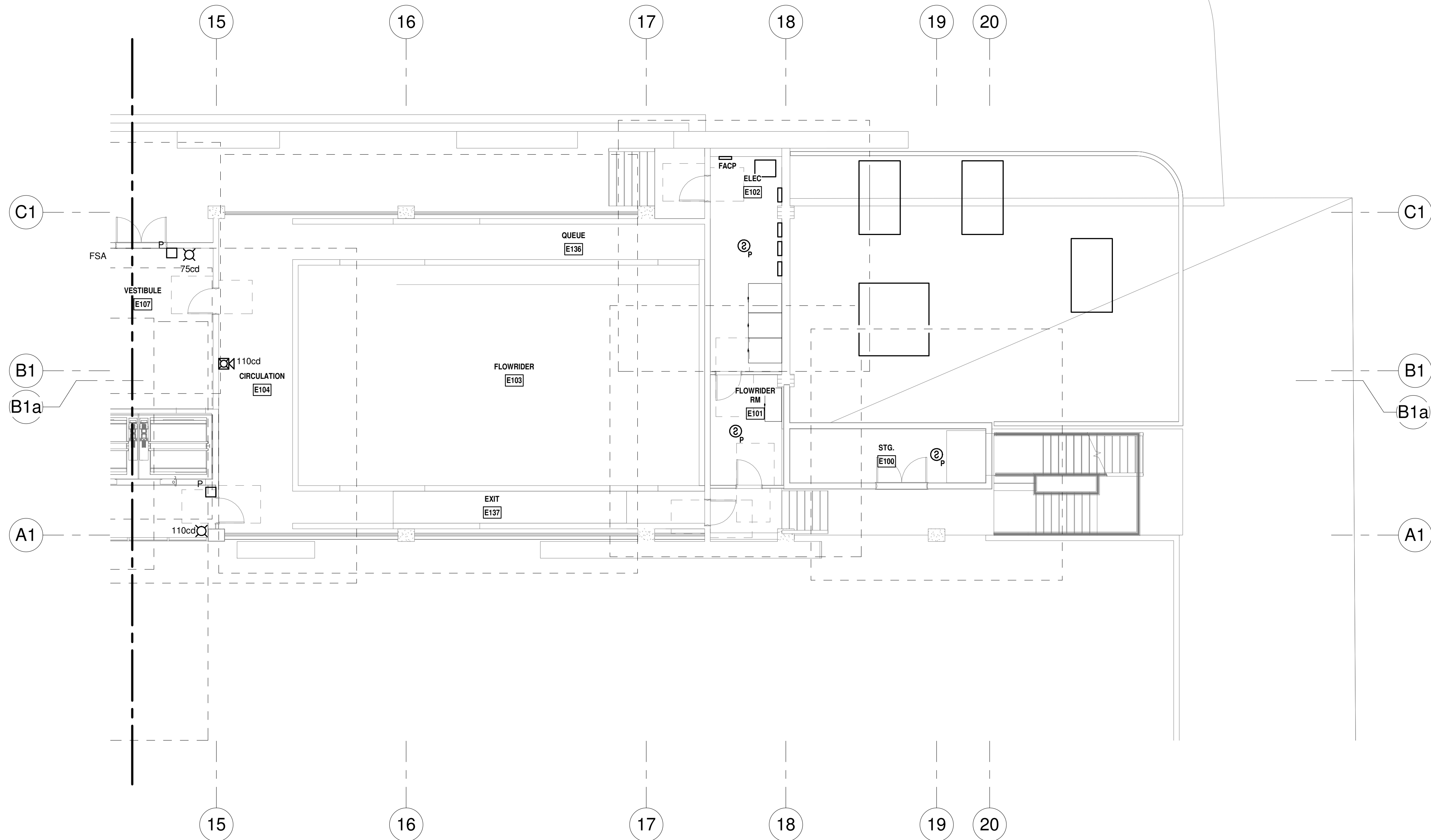
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EAST BUILDING LEVEL 01 FIRE ALARM  
PLAN\_NORTH

PROJECT NUMBER: 010326.000  
DATE: 06/03/2022  
SCALE: 1/8" = 1'-0"  
SHEET  
**FA2-101-N**  
CAM 23-0723  
Exhibit 1L  
Page 109 of 171



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LEVEL 1 FIRE ALARM PLAN - SOUTH  
1/8" = 1'-0" NORTH

PROGRESS SET  
NOT FOR CONSTRUCTION  
DATED: 06/17/22

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KAMM CONSULTING PROJECT #: 2020-0300	
PROJECT MANAGER: JOE ZIMMER	
	1407 West Newport Center Drive Deerfield Beach, Florida 33442 Phone 954.949.2200 Fax 954.949.2201 engineering@kammconsulting.com
	06/17/22
	Certification of Authorization #8189

ARQUITECTONICA

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ARCHITECT:  
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2900 OAK AVENUE  
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TEL: 305.372.1812

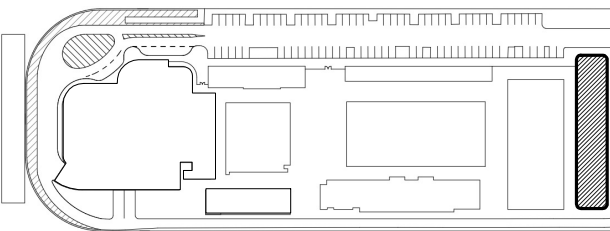
STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

MEP/FP ENGINEERS:  
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CIVIL ENGINEER:  
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TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:

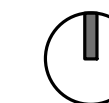


Δ	DESCRIPTION	DATE
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SEAL & SIGNATURE

PROJECT NORTH:



DRAWING TITLE

EAST BUILDING LEVEL 01 FIRE ALARM  
PLAN\_SOUTH

PROJECT NUMBER: 010326.000

DATE: 06/03/2022

SCALE: 1/8" = 1'-0"

SHEET

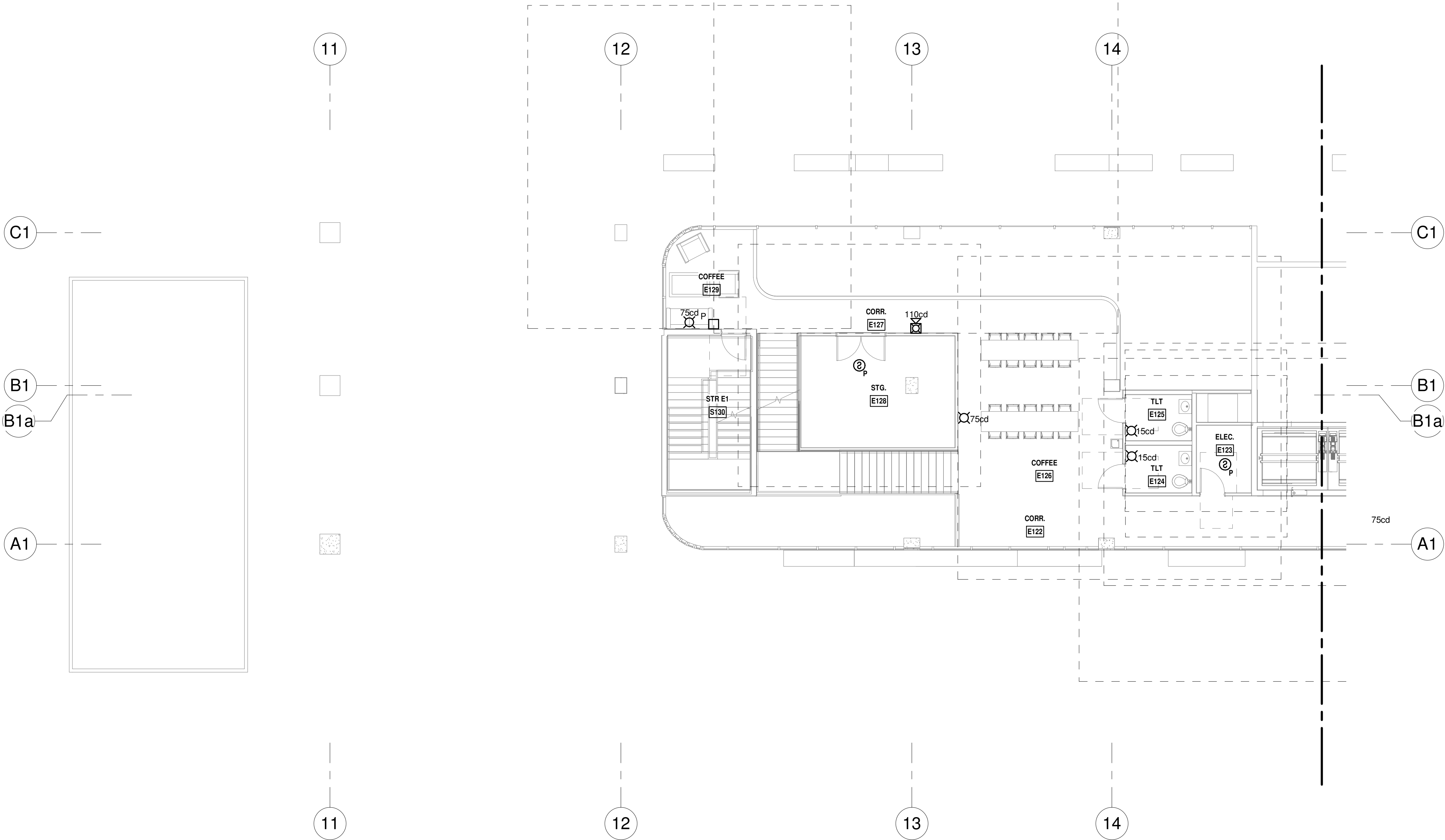
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CAM 23-0723  
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**LEVEL 1 MEZZ FIRE ALARM PLAN - NORTH**  
1/8" = 1'-0" NORTH

ISSUED FOR PERMIT	-
ISSUED FOR CONSTRUCTION	-
KAMM CONSULTING PROJECT #:	2020-0300
PROJECT MANAGER:	JOE ZIMMER
<b>KAMM</b> Consulting	1407 West Newport Center Drive Deerfield Beach, Florida 33442 Phone 954.949.2200 Fax 954.949.2201 engineering@kammconsulting.com
Certification of Authorization #8189	06/17/22

PROGRESS SET

NOT FOR CONSTRUCTION

DATED: 06/17/22

**ARQUITECTONICA**

OWNER:  
Capital Group P3  
55 NE 5th Avenue, Suite 501  
Boca Raton, FL 33432  
TEL: 561.705.5353

ARCHITECT:  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

MEP/FP ENGINEERS:  
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

CIVIL ENGINEER:  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:

Δ	DESCRIPTION	DATE
<div>NOT FOR CONSTRUCTION</div>		

SEAL & SIGNATURE

PROJECT NORTH:

DRAWING TITLE  
EAST BUILDING LEVEL 01 MEZZ FIRE ALARM PLAN\_NORTH

PROJECT NUMBER: 010326.000  
DATE: 06/03/2022  
SCALE: 1/8" = 1'-0"

SHEET  
**FA2-101M-N**  
CAM 23-0723  
Exhibit 1L  
Page 102 of 171





<p style="text-align: center;"><b>PROGRESS SET</b></p> <hr/> <p style="text-align: center; font-size: 1.2em;"><b>NOT FOR CONSTRUCTION</b></p> <hr/> <p style="text-align: center;"><b>DATED: 06/17/22</b></p> <hr/>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="padding: 2px;">ISSUED FOR PERMIT</td> <td style="text-align: right; padding: 2px;">-</td> </tr> <tr> <td style="padding: 2px;">ISSUED FOR CONSTRUCTION</td> <td style="text-align: right; padding: 2px;">-</td> </tr> </table> <table style="width: 100%;"> <tr> <td style="width: 60%;">KAMM CONSULTING PROJECT #:</td> <td style="width: 40%;">2020-0300</td> </tr> <tr> <td>PROJECT MANAGER:</td> <td>JOE ZIMMER</td> </tr> </table> <div style="display: flex; align-items: center;"> <div> <p>1407 West Newport Center Drive Deerfield Beach, Florida 33442 Phone 954.949.2200 Fax 954.949.2201 <a href="mailto:engineering@kammconsulting.com">engineering@kammconsulting.com</a></p> </div> </div> <div style="display: flex; justify-content: space-between;"> <span>Certification of Authorization #8189</span> <div style="border-bottom: 1px solid black; width: 150px;"></div> </div>	ISSUED FOR PERMIT	-	ISSUED FOR CONSTRUCTION	-	KAMM CONSULTING PROJECT #:	2020-0300	PROJECT MANAGER:	JOE ZIMMER
ISSUED FOR PERMIT	-								
ISSUED FOR CONSTRUCTION	-								
KAMM CONSULTING PROJECT #:	2020-0300								
PROJECT MANAGER:	JOE ZIMMER								

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

Δ	DESCRIPTION	DATE
---	-------------	------

NOT FOR  
CONSTRUCTION

SEAL &amp; SIGNATURE

PROJECT NORTH:



EAST BUILDING LEVEL 01 MEZZ FIRE  
ALARM PLAN\_SOUTH

**PROJECT NUMBER: 010326.000**

DATE: 06/03/2022

SCALE: 1/8" = 1'-0"

SHEET

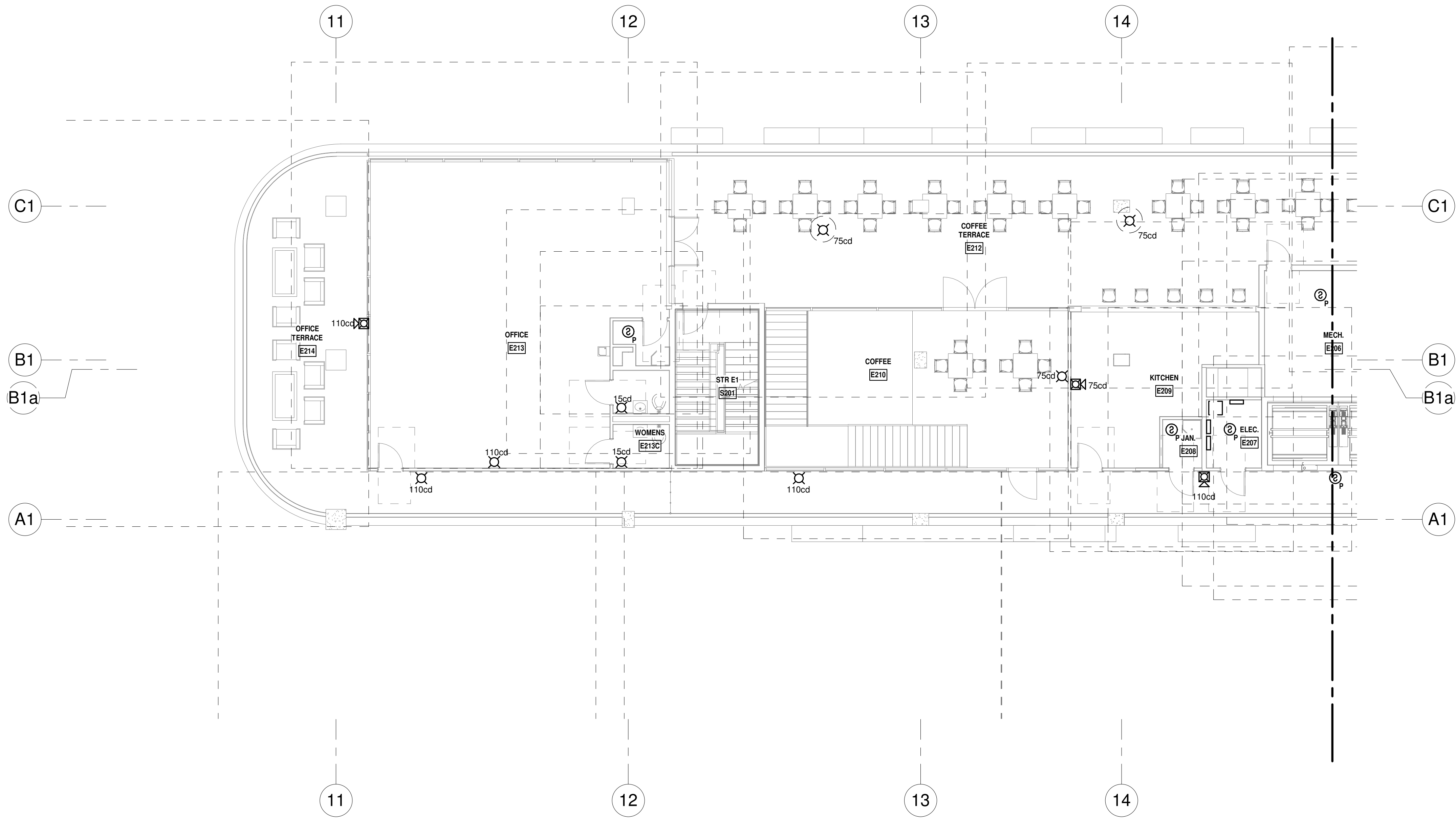
FA2-101M-S

CAM 23-0723  
Exhibit 1L  
125-1171



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**LEVEL 2 FIRE ALARM PLAN - NORTH**  
1/8" = 1'-0" NORTH

ISSUED FOR PERMIT	-
ISSUED FOR CONSTRUCTION	-
KAMM CONSULTING PROJECT #: 2020-0300 PROJECT MANAGER: JOE ZIMMER	
<b>KAMM</b> Consulting 1407 West Newport Center Drive Deerfield Beach, Florida 33442 Phone 954.949.2200 Fax 954.949.2201 engineering@kammconsulting.com	
Certification of Authorization #8189	
06/17/22	

PROGRESS SET

NOT FOR CONSTRUCTION

DATED: 06/17/22

**ARQUITECTONICA**

**OWNER:**  
Capital Group P3  
55 NE 5th Avenue, Suite 501  
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TEL: 561.705.5353

**ARCHITECT:**  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

**STRUCTURAL ENGINEER:**  
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TEL: 954.903.9300

**MEP/FP ENGINEERS:**  
KAMM CONSULTING  
1407 WEST NEWPORT CENTER DR.  
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TEL: 954.949.2200

**CIVIL ENGINEER:**  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT

**ISHOF**

1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:

Δ	DESCRIPTION	DATE
<div>NOT FOR CONSTRUCTION</div>		
SEAL & SIGNATURE		

PROJECT NORTH:

DRAWING TITLE

EAST BUILDING LEVEL 02 FIRE ALARM PLAN\_NORTH

PROJECT NUMBER: 010326.000  
DATE: 06/03/2022  
SCALE: 1/8" = 1'-0"

SHEET

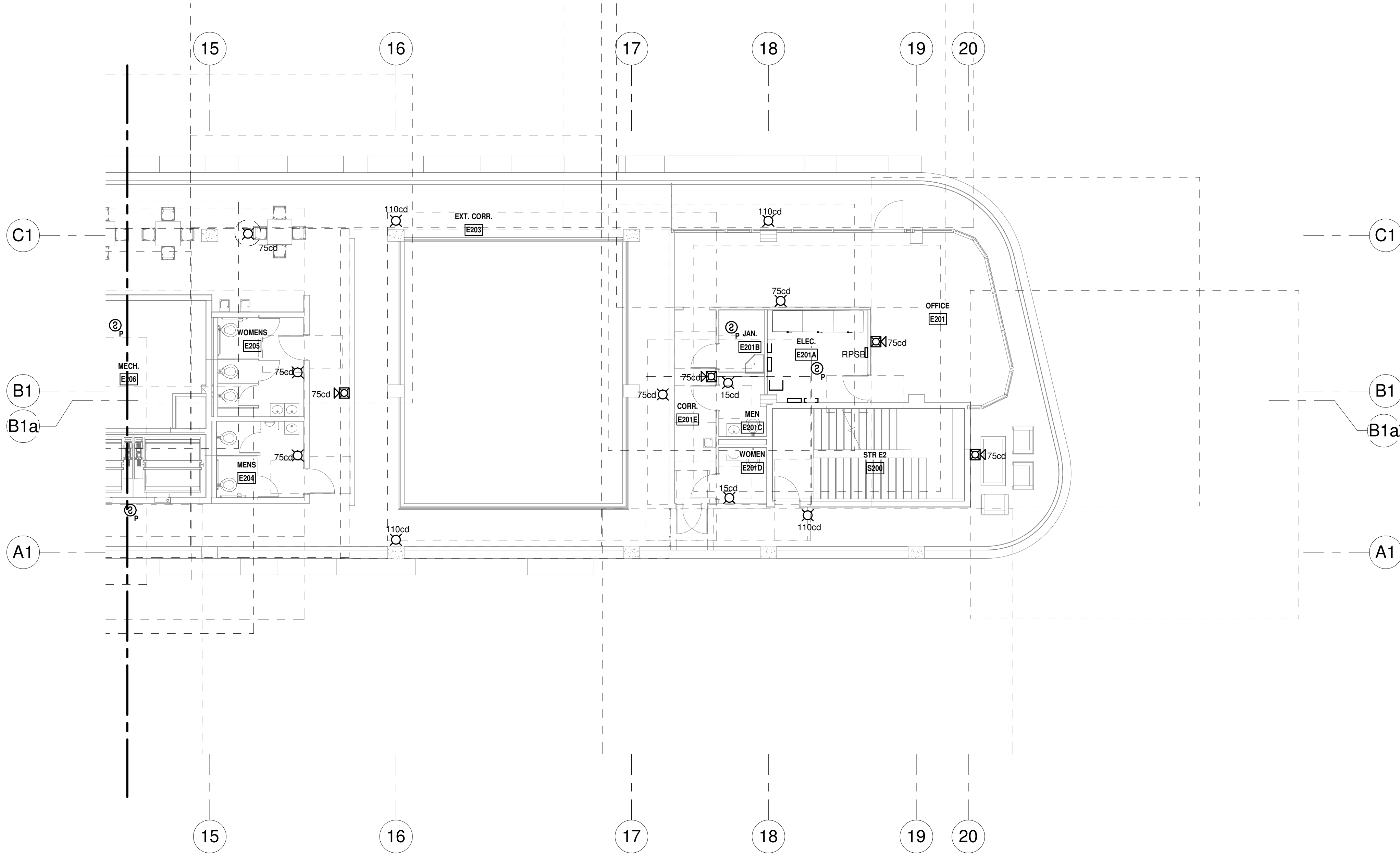
FA2-102-N

CAM 23-0723  
Exhibit 1L  
Page 104 of 171



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**LEVEL 2 FIRE ALARM PLAN - SOUTH**  
1/8" = 1'-0" NORTH

ISSUED FOR PERMIT	-
ISSUED FOR CONSTRUCTION	-
KAMM CONSULTING PROJECT #: 2020-0300 PROJECT MANAGER: JOE ZIMMER	
<b>KAMM</b> Consulting 1407 West Newport Center Drive Deerfield Beach, Florida 33442 Phone 954.949.2200 Fax 954.949.2201 engineering@kammconsulting.com	
06/17/22	
Certification of Authorization #8189	

PROGRESS SET

NOT FOR CONSTRUCTION

DATED: 06/17/22

**ARQUITECTONICA**

**OWNER:**  
Capital Group P3  
55 NE 5th Avenue, Suite 501  
Boca Raton, FL 33432  
TEL: 561.705.5353

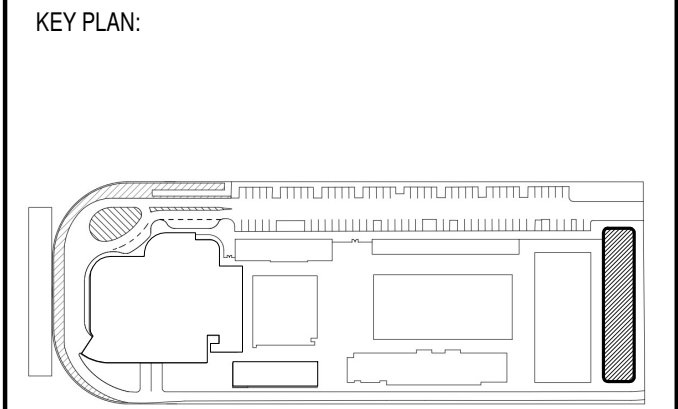
**ARCHITECT:**  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

**STRUCTURAL ENGINEER:**  
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**MEP/FP ENGINEERS:**  
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**CIVIL ENGINEER:**  
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TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316



Δ	DESCRIPTION	DATE
---	-------------	------

NOT FOR CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:  
DRAWING TITLE  
EAST BUILDING LEVEL 02 FIRE ALARM  
PLAN\_SOUTH

PROJECT NUMBER: 010326.000  
DATE: 06/03/2022  
SCALE: 1/8" = 1'-0"  
SHEET  
**FA2-102-S**  
CAM 23-0723  
Exhibit 1L  
Page 105 of 171

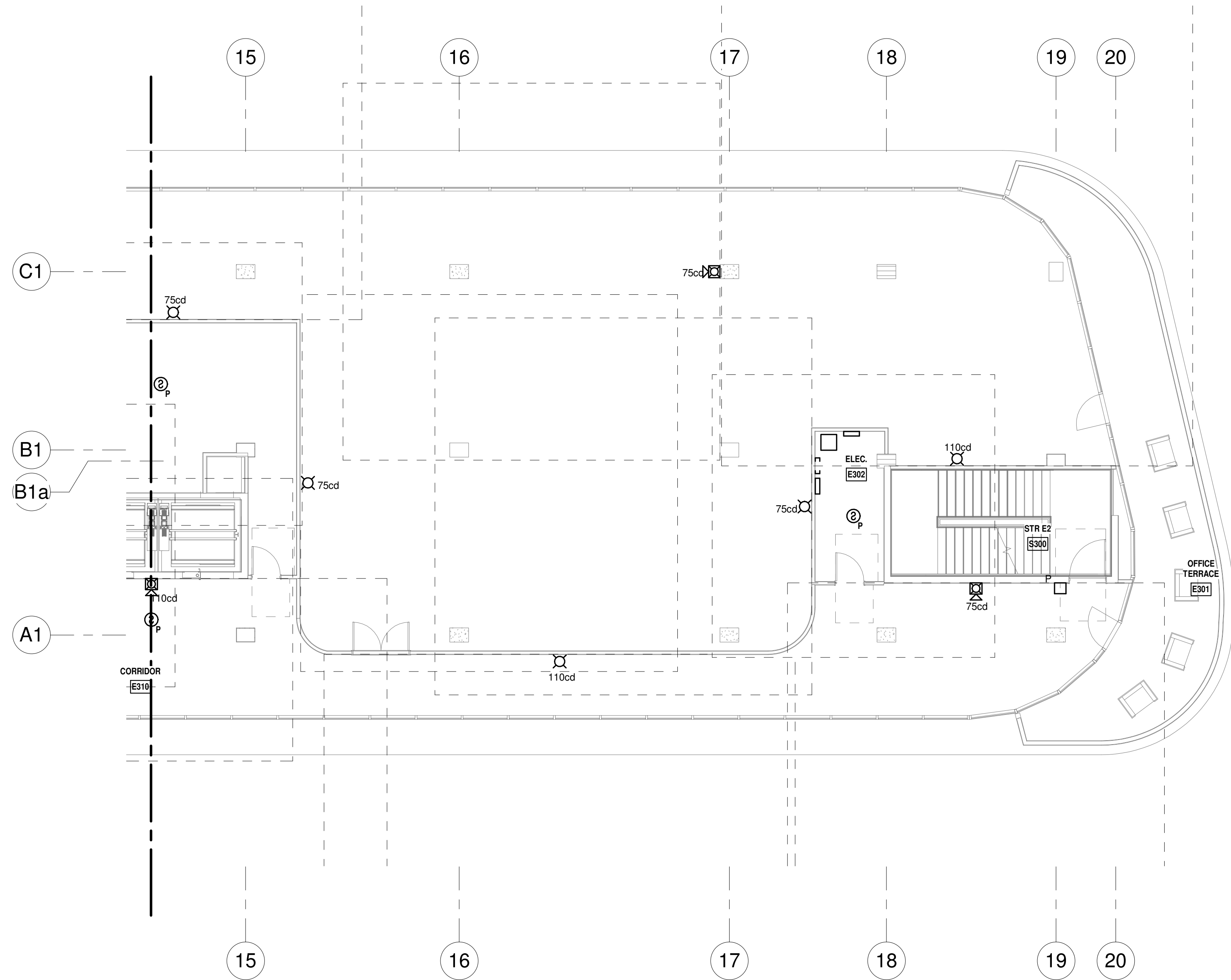






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**LEVEL 3 FIRE ALARM PLAN - SOUTH**  
1/8" = 1'-0" NORTH

ISSUED FOR PERMIT  
ISSUED FOR CONSTRUCTION

KAMM CONSULTING PROJECT #: 2020-0300  
PROJECT MANAGER: JOE ZIMMER  
**KAMM** Consulting  
1407 West Newport Center Drive  
Deerfield Beach, Florida 33442  
Phone 954.949.2200 Fax 954.949.2201  
engineering@kammconsulting.com  
06/17/22  
Certification of Authorization #8189

PROGRESS SET  
NOT FOR CONSTRUCTION  
DATED: 06/17/22

**ARQUITECTONICA**  
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ARCHITECT:  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812  
STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300  
MEP/FP ENGINEERS:  
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CIVIL ENGINEER:  
KEITH  
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FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:

Δ	DESCRIPTION	DATE
<div>NOT FOR CONSTRUCTION</div>		

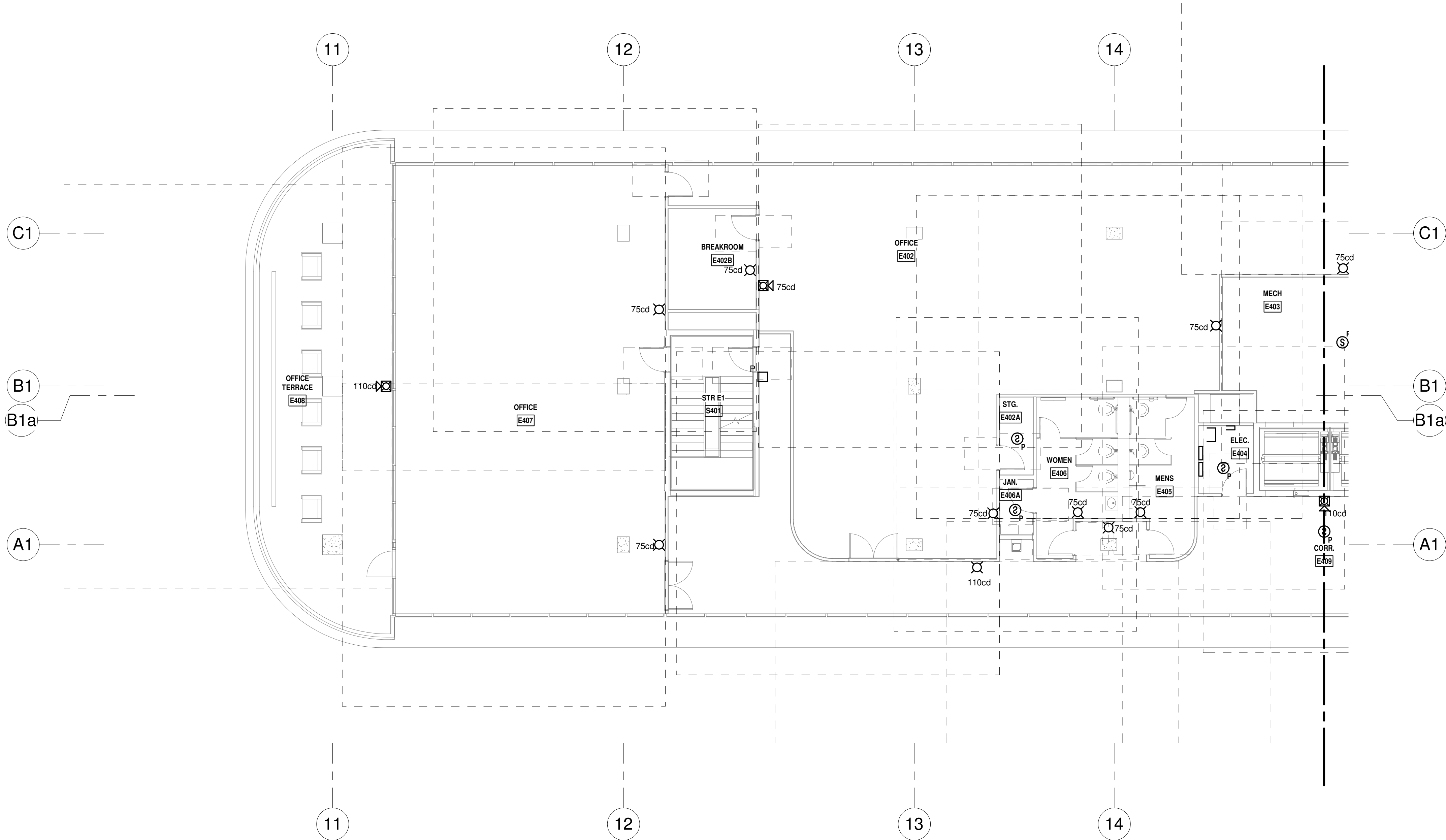
SEAL & SIGNATURE

PROJECT NORTH:

DRAWING TITLE  
EAST BUILDING LEVEL 03 FIRE ALARM  
PLAN\_SOUTH

PROJECT NUMBER: 010326.000  
DATE: 06/03/2022  
SCALE: 1/8" = 1'-0"  
SHEET  
**FA2-103-S**  
CAM 23-0723  
Exhibit 1L  
Page 107 of 171





**LEVEL 4 FIRE ALARM PLAN - NORTH**  
1/8" = 1'-0" NORTH

ISSUED FOR PERMIT	-
ISSUED FOR CONSTRUCTION	-
KAMM CONSULTING PROJECT #: 2020-0300 PROJECT MANAGER: JOE ZIMMER	
<b>KAMM</b> Consulting 1407 West Newport Center Drive Deerfield Beach, Florida 33442 Phone 954.949.2200 Fax 954.949.2201 engineering@kammconsulting.com	
Certification of Authorization #8189	
06/17/22	

PROGRESS SET
NOT FOR CONSTRUCTION
DATED: 06/17/22

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TEL: 305.372.1812

**STRUCTURAL ENGINEER:**  
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TEL: 954.903.9300

**MEP/FP ENGINEERS:**  
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**CIVIL ENGINEER:**  
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FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:

Δ	DESCRIPTION	DATE
<div>NOT FOR CONSTRUCTION</div>		

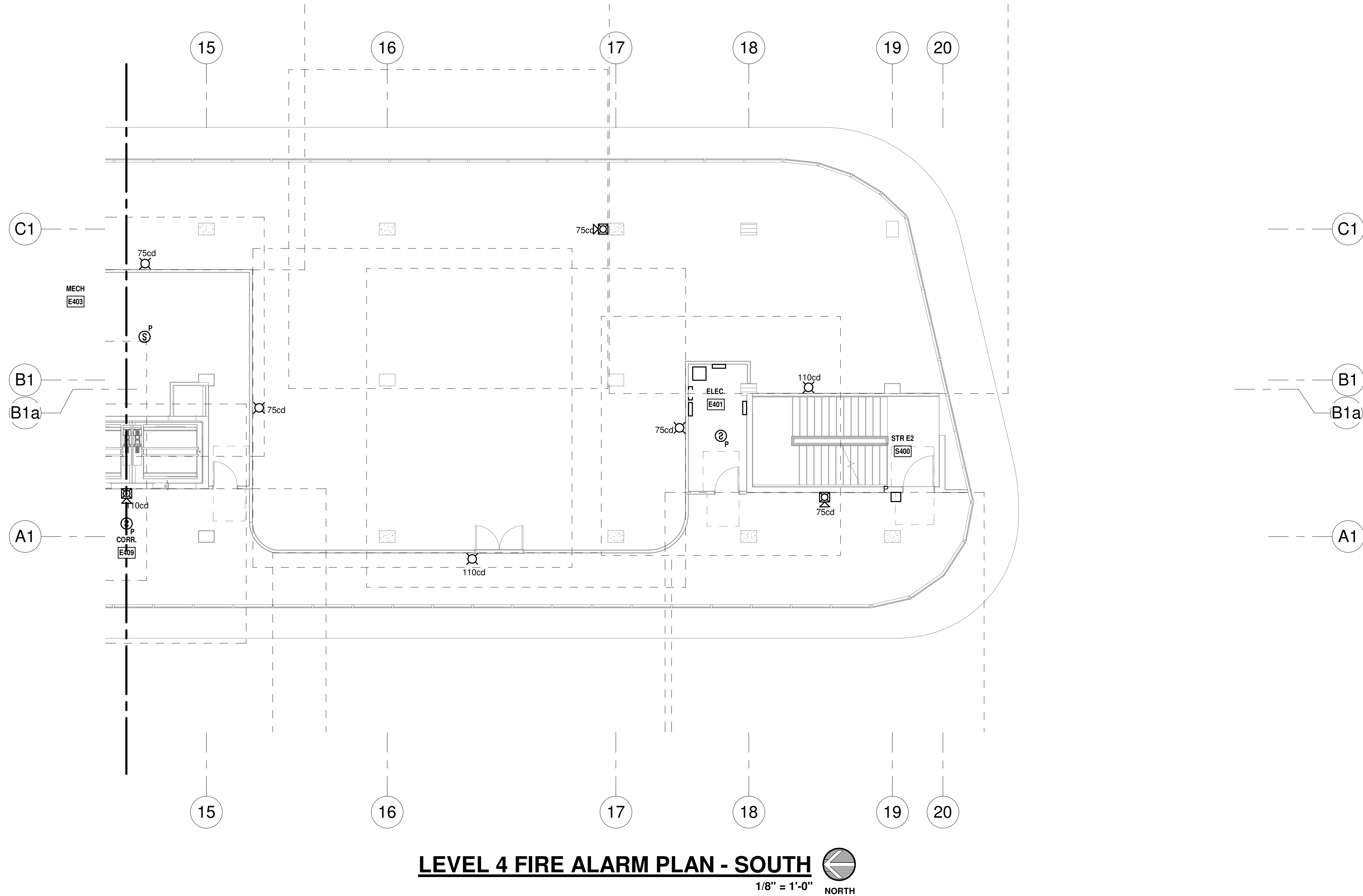
SEAL & SIGNATURE

PROJECT NORTH: 
DRAWING TITLE EAST BUILDING LEVEL 04 FIRE ALARM PLAN_NORTH
PROJECT NUMBER: 010326.000 DATE: 06/03/2022 SCALE: 1/8" = 1'-0"
SHEET <b>FA2-104-N</b> CAM 23-0723 Exhibit 1L Page 108 of 171



6/17/2022 3:33:41 PM

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PROGRESS SET  
NOT FOR CONSTRUCTION  
DATED: 06/17/22

ISSUED FOR PERMIT	-
ISSUED FOR CONSTRUCTION	-
KAMM CONSULTING PROJECT #:	2020-0300
PROJECT MANAGER:	JOE ZIMMER
	1407 West Newport Center Drive Deerfield Beach, Florida 33442 Phone 954.949.2200 Fax 954.949.2201 engineering@kammconsulting.com
Certification of Authorization #8189	06/17/22

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TEL: 561.705.5353

**ARCHITECT:**  
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2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

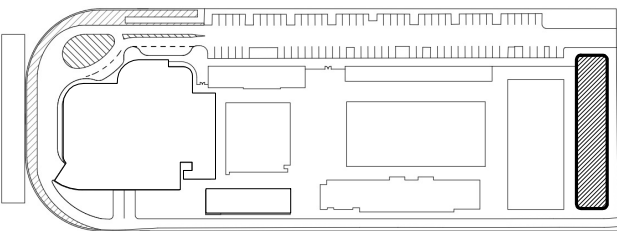
**STRUCTURAL ENGINEER:**  
THORNTON TOMASETTI  
101 NE THIRD AVENUE, STE. 1170  
FORT LAUDERDALE, FL 33301  
TEL: 954.903.9300

**MEP/FP ENGINEERS:**  
KAMM CONSULTING  
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DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

**CIVIL ENGINEER:**  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:

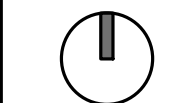


Δ	DESCRIPTION	DATE
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NOT FOR  
CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:



DRAWING TITLE

EAST BUILDING LEVEL 04 FIRE ALARM  
PLAN\_SOUTH

PROJECT NUMBER: 010326.000

DATE: 06/03/2022

SCALE: 1/8" = 1'-0"

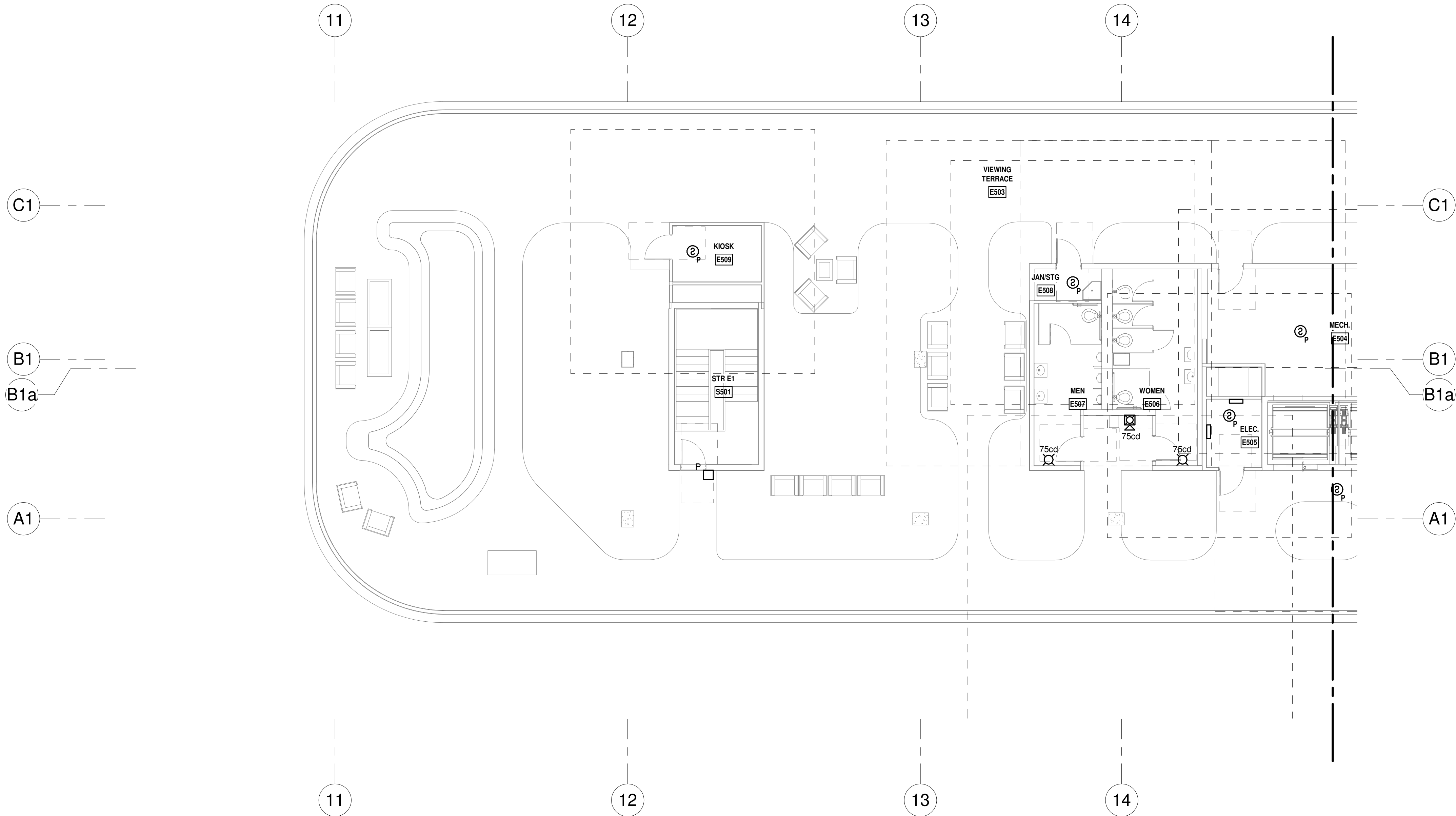
SHEET

FA2-104-S



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LEVEL 5 FIRE ALARM PLAN - NORTH  
1/8" = 1'-0" NORTH

ISSUED FOR PERMIT	-
ISSUED FOR CONSTRUCTION	-
KAMM CONSULTING PROJECT #: 2020-0300 PROJECT MANAGER: JOE ZIMMER	
1407 West Newport Center Drive Deerfield Beach, Florida 33442 Phone 954.949.2200 Fax 954.949.2201 engineering@kammconsulting.com	
Certification of Authorization #8189	

PROGRESS SET NOT FOR CONSTRUCTION DATED: 06/17/22
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ARQUITECTONICA

**OWNER:**  
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 55 NE 5th Avenue, Suite 501  
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 TEL: 561.705.5353

**ARCHITECT:**  
 ARQUITECTONICA  
 2900 OAK AVENUE  
 MIAMI, FL 33133  
 TEL: 305.372.1812

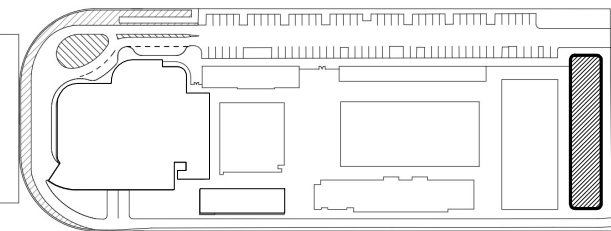
**STRUCTURAL ENGINEER:**  
 THORNTON TOMASETTI  
 101 NE THIRD AVENUE, STE. 1170  
 FORT LAUDERDALE, FL 33301  
 TEL: 954.903.9300

**MEP/FP ENGINEERS:**  
 KAMM CONSULTING  
 1407 WEST NEWPORT CENTER DR.  
 DEERFIELD BEACH, FL 33442  
 TEL: 954.949.2200

**CIVIL ENGINEER:**  
 KEITH  
 2312 S ANDREWS AVE  
 FORT LAUDERDALE, FL 33316  
 TEL: 954.788.3400

PROJECT  
**ISHOF**  
 1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:



Δ	DESCRIPTION	DATE
---	-------------	------

NOT FOR CONSTRUCTION

SEAL & SIGNATURE

PROJECT NORTH:



DRAWING TITLE  
 EAST BUILDING LEVEL 05 FIRE ALARM  
 PLAN\_NORTH

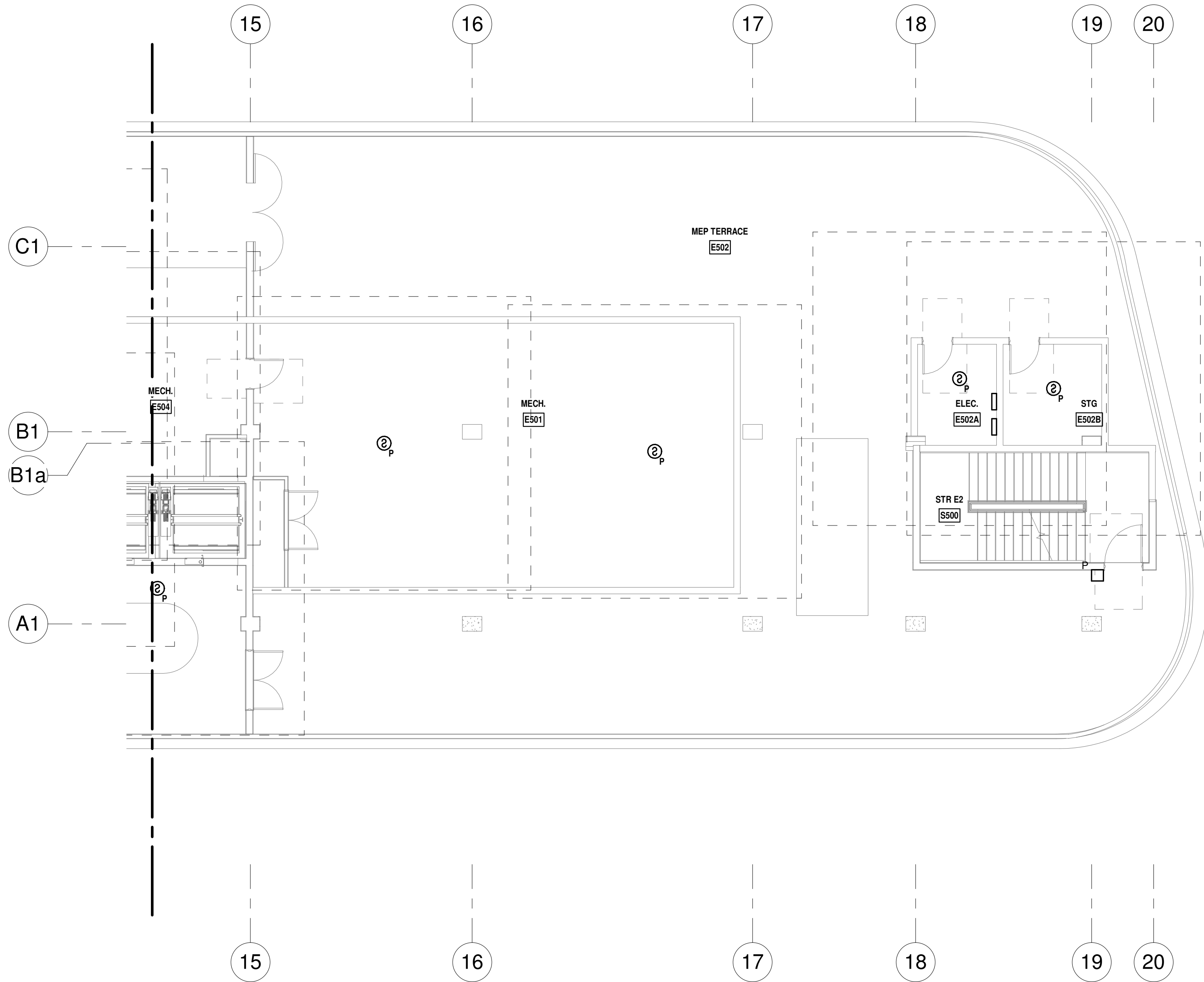
PROJECT NUMBER: 010326.000  
 DATE: 06/03/2022  
 SCALE: 1/8" = 1'-0"

SHEET  
**FA2-105-N**

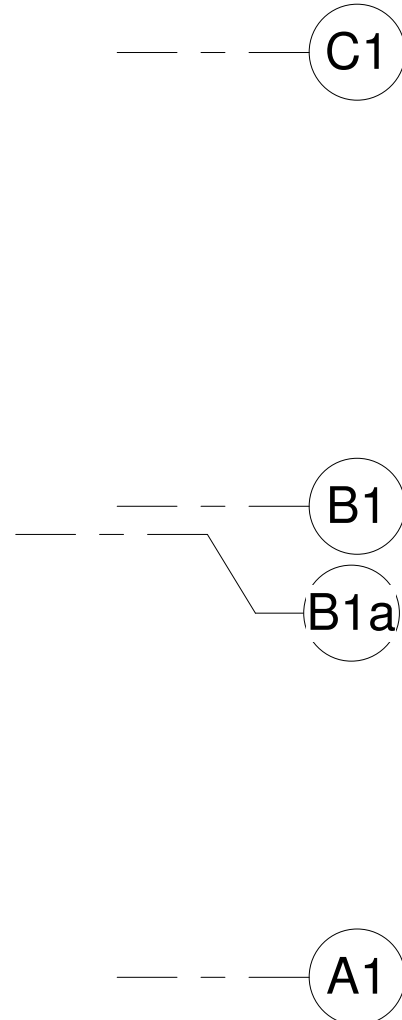



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**LEVEL 5 FIRE ALARM PLAN - SOUTH**  
1/8" = 1'-0" NORTH



ISSUED FOR PERMIT	-
ISSUED FOR CONSTRUCTION	-
KAMM CONSULTING PROJECT #:	2020-0300
PROJECT MANAGER:	JOE ZIMMER
	1407 West Newport Center Drive Deerfield Beach, Florida 33442 Phone 954.949.2200 Fax 954.949.2201 engineering@kammconsulting.com
Certification of Authorization #8189	06/17/22

PROGRESS SET

NOT FOR CONSTRUCTION

DATED: 06/17/22

**ARQUITECTONICA**

OWNER:  
Capital Group P3  
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TEL: 561.705.5353

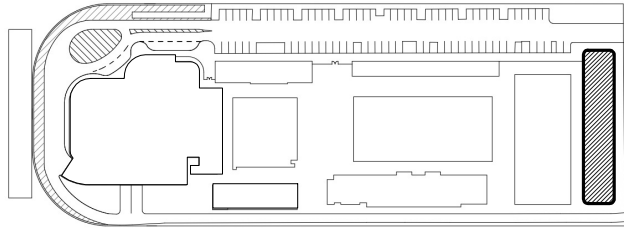
ARCHITECT:  
ARQUITECTONICA  
2900 OAK AVENUE  
MIAMI, FL 33133  
TEL: 305.372.1812

STRUCTURAL ENGINEER:  
THORNTON TOMASETTI  
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1407 WEST NEWPORT CENTER DR.  
DEERFIELD BEACH, FL 33442  
TEL: 954.949.2200

CIVIL ENGINEER:  
KEITH  
2312 S ANDREWS AVE  
FORT LAUDERDALE, FL 33316  
TEL: 954.788.3400

PROJECT  
**ISHOF**  
1 Hall of Fame Dr., Fort Lauderdale, FL 33316

KEY PLAN:  


Δ	DESCRIPTION	DATE
<div>NOT FOR CONSTRUCTION</div>		
SEAL & SIGNATURE		

PROJECT NORTH:  


DRAWING TITLE  
EAST BUILDING LEVEL 05 FIRE ALARM  
PLAN\_SOUTH

PROJECT NUMBER: 010326.000  
DATE: 06/03/2022  
SCALE: 1/8" = 1'-0"  
SHEET  
**FA2-105-S**  
CAM 23-0723  
Exhibit 1L  
Page 121 of 171