Exhibit 8

GENERAL NOTES

- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE BEFORE STARTING WORK. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK. CORRECTIONS OF THESE CONFLICTS ARE TO BE INCLUDED IN THE WORK AND IN THE PROPOSAL.
- CONTRACTOR SHALL OBTAIN LATEST SET OF DRAWINGS, INCLUDING ANY REVISIONS, BEFORE STARTING CONSTRUCTION.
- NO CHANGES OR SUBSTITUTIONS SHALL BE MADE WITHOUT THE WRITTEN APPROVAL OF THE ENGINEER.
- DRAWINGS ARE TO BE ISSUED TO THE SUBCONTRACTORS IN COMPLETE SETS SO THAT ALL ARCHITECTURAL DETAILS AFFECTING THEIR WORK ARE INCLUDED.
- ALL DIMENSIONS MUST BE VERIFIED BY THE CONTRACTOR IN THE FIELD. ANY MAJOR DISCREPANCIES MUST BROUGHT TO THE ATTENTION OF THE ENGINEER.
- WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS. DO NOT SCALE DRAWINGS UNLESS AUTHORIZED BY THE ENGINEER.
- THE ENGINEER RESERVES THE RIGHT TO REJECT ALL WORK THAT IS DEFECTIVE AND/OR OF POOR WORKMANSHIP OR WORK THAT DEVIATES FROM THE SPECIFICATIONS OF THESE DOCUMENTS.
- THIS OFFICE DOES NOT ACCEPT ANY RESPONSIBILITY FOR THE INTERPRETATION OF THE PLANS BY OTHERS, UNLESS REQUESTED IN WRITING, AND IT IS GIVEN THE AUTHORITY TO CHECK AND APPROVE SHOP DRAWINGS.
- ALL SECTIONS AND DETAILS SHALL BE CONSIDERED TYPICAL AND APPLY FOR SIMILAR SITUATIONS THROUGHOUT THE PROJECT, UNLESS OTHERWISE SPECIFICALLY NOTED.
- CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO SAFEGUARD ALL EXISTING STRUCTURES AND UTILITIES WHEN FOUND IN THE AREA OF WORK. ALL FINDINGS SHALL BE REPORTED TO THE ENGINEER OF RECORD PRIOR TO CONTINUANCE

DEMOLITION NOTES

- REMOVE ALL EXISTING CONSTRUCTION AND FINISHES NECESSARY FOR THE COMPLETION OF THE WORK AS DEPICTED ON THE DRAWINGS, INCLUDING BUT NOT LIMITED TO ITEMS SHOWN ON THE PLANS WITH DASHED LINES. NECESSARY DISCONNECTS AND ALTERATIONS TO EXISTING MECHANICAL AND ELECTRICAL SYSTEMS SHALL BE INCLUDED. PATCH AD REQUIRED ALL CONSTRUCTION TO REMAIN IN ACCORDANCE WITH THE CONTRACT DRAWINGS. WHERE CONTRACTOR IS DESIGNATED TO MAKE REMOVALS, DISPOSITION OF MATERIALS IS THE RESPONSIBILITY OF THE CONTRACTOR. VERIFY WITH OWNER, THE DISPOSITION AND REMOVAL OF ANY COMPONENTS OF SALVAGEABLE VALUE.
- ALL REMOVALS, UNLESS SPECIFICALLY NOTED OR REQUESTED BY THE OWNER SHALL BECOME THE PROPERTY OF THE CONTRACTOR.
- REMOVE ONLY NON-LOAD BEARING CONSTRICTION AND PARTITIONS. CONTRACTOR TO VERIFY PRIOR TO REMOVAL, THAT NO STRUCTURAL COMPONENTS, I.E. BEARING WALLS, BEAMS, HEADERS, ETC. SUPPORTING FLOOR, ROOF OR CEILING JOISTS ARE DESIGNATED FOR REMOVAL. CONTACT THE ARCHITECT PRIOR TO REMOVAL OF ANY CONSTRUCTION IN QUESTION OR DEVIATING FROM THE DESIGN INTENT. CONTRACTOR'S NON CONTACT OF ARCHITECT PRIOR TO REMOVAL OF ANY WORK INDICATED HIS COMPLETE UNDERSTANDING THAT NO LOAD BEARING OR STRUCTURAL WORK IS BEING ALTERED UNDER THIS CONTRACT.
- PATCH ALL FINISHES TO MATCH EXISTING, INCLUDING BUT NOT LIMITED TO, GYPSUM BOARD, PLASTER, ACOUSTIC SYSTEMS, WOOD TRIM, COVERS, BASE, PANELS, RAILS AND WAINSCOT. VERIFY MATCH OF NEW FINISH MATERIALS TO EXISTING IN COLOR, TEXTURE, PROVIDE OTHER MATERIALS, TO MATCH EXISTING WHEN REQUIRED TO BE APPROVED BY OWNER.
- PATCH EXISTING WALLS GYPSUM DRYWALL OR PLASTER TO MATCH EXISTING OF SUFFICIENT THICKNESS TO MAINTAIN UNIFORM WALL THICKNESS.
- WHERE APPLICABLE LEVEL ALL EXISTING FLOORS AS REQUIRED TO RECEIVE NEW FLOOR FINISHES. INSTALL REQUIRED TRANSITION PIECES BETWEEN VARIOUS FLOOR FINISHES SUITABLE FOR CONDITIONS AND ACCEPTABLE TO THE OWNER MATCH EXISTING WHEREVER POSSIBLE.

CEILING AND SOFFIT HEIGHT NOTE

- NEW CEILING AND SOFFIT HEIGHTS SHALL BE 7'-6" MIN. ABOVE FINISH FLOOR IN COMPLIANCE WITH 701.3 FBCE.

FIRE PREVENTION NOTES

- ALL LIFE SAFETY SYSTEMS SHALL REMAIN OPERATIONAL DURING DEMO AND CONSTRUCTION.
- ALL FIRE/SMOKE RATED CONSTRUCTION INCLUDING FIRE-SAFING WILL BE MAINTAINED.
- ANY DAMAGE CAUSED TO THE FIRE/SMOKE RATED ASSEMBLIES DURING DEMOLITION OR CONSTRUCTION SHALL BE IMMEDIATELY RESTORED.

FLAME SPREAD NOTE

- FLAME SPREAD FOR WALL CEILING FINISHIES MAX. 200. SOME DEVELOPED MAX. TO COMPLY WITH 450 FBC 2023 R 302.9 AND FLAME SPREAD FOR INSULATION MAX. 25, SMOKE DEVELOPED MAX. 450 TO COMPLY FBC 2023 R 302.10.

HALLWAY NOTE

- AS PER FBCR 311.6 ALL HALLWAYS SHALL BE MIN 3'-0" MIN. THIS PLAN IS COMPLYING WITH HTIS REQUIREMENTS.

INTERIOR FINISHES NOTE

- INTERIOR WALL, CEILING, FLOOR, DECORATIONS AND TRIM SHALL COMPLY WITH FBC CHAPTER 8.
- THE CLASSIFICATION OF THE INTERIOR WALL AND CEILING FINISH MATERIALS IS CLASS C: FLAME SPREAD INDEX 76-200; SMOKE-DEVELOPED INDEX 0-450.
- INTERIOR FLOOR FINISH AND FLOOR COVERING MATERIALS SHALL NOT BE LESS THAT CLASS II (0.22 WATTS/CM2 OR GREATER AS PER NFPA 253.
- CURTAINS, DRAPERIES, HANGING AND OTHER DECORATIVE MATERIALS SUSPENDED FROM WALLS AND CEILINGS SHALL MEET THE FLAME PROPAGATION PERFORMANCE CRITERIA OF NFPA 701 IN ACCORDANCE OF SECTION 806.2 OR BE NONCOMBUSTIBLE.

SEPARATE PERMIT

- EXTERIOR DOORS & WINDOWS, ROOF TRUSSES, WATERPROOFING MEMBRANE UNDER SEPARATE PERMIT

NOTE

- CONTRACTOR TO CHECK ALL THE PLANS BEFORE STARTING THE JOB ANY DISCREPANCIES FOUND ON THE PLANS AND JOB SITE CONDITION HAS TO BE SENT TO ENGINEER IN WRITING BY EMAIL TO BE INVESTIGATED BEFORE STARTING THE JOB.
- CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO SAFEGUARD ALL EXISTING STRUCTURES AND UTILITIES WHEN FOUND IN THE AREA OF WORK. ALL FINDINGS SHALL BE REPORTED TO THE ENGINEER OF RECORD PRIOR TO CONTINUANCE.

GLAZING NOTE

- GLAZING IN FIXED OR OPERABLE PANEL ADJACENT TO OR WITHIN 48" FROM EDGE OF DOOR AND WHERE BOTTOM EDGE OF GLAZING IS LESS THAT 60" ABOVE FLOOR SHALL BE SAFETY GLASS CAT I IF LITE IS LESS 9 SQ. FT.
- IF GLAZING IS MORE THAN 9 SQ. FT. GLASS CAT II SHALL BE PROVIDED AS PER FBCR308.4.1.

LEVEL NOTE

- MAX 1/2" DIFFERENCE ON LEVEL AT ANY FLOOR LEVEL.

FIRE ALARM NOTE

- THIS IS A NON PROTECTED FIRE ALARM SYSTEM BUILDING.

FIRE SPRINKLER

- THIS IS A NON PROTECTED FIRE SPRINKLER SYSTEM BUILDING.

Building Data	
Folio #	494235030040
Address	603 NE 13 STREET FORT LAUDERDALE, 33304
Legal Description	H C BROCKS SUB 3-24 B LOTS 4 & 5 LESS R/W
Floors	1
Type of Construction	II-B

Code Reference
Florida Building Code 2023 8th Edition
National Electric Code 2020
Florida Fire Prevention Code 2023 8TH EDITION

Level of Alteration: II

Zoning Data	Sq. Ft.
AREA OF WORK	850

Scope of Work
SHELL PERMIT:
FUTURE TENANT BUILDOUT TO BE DONE UNDER SEPARATE PERMIT
NEW DRYWALL OVER EXISTING CONCRETE BLOCK WALLS
NEW PLUMBING FIXTURES AS PER LAYOUT
NEW DOORS
NEW WINDOWS
NEW PARTITION WALLS AS PER LAYOUT
NEW AC SYSTEM AS PER LAYOUT

1 LOCATION PLAN

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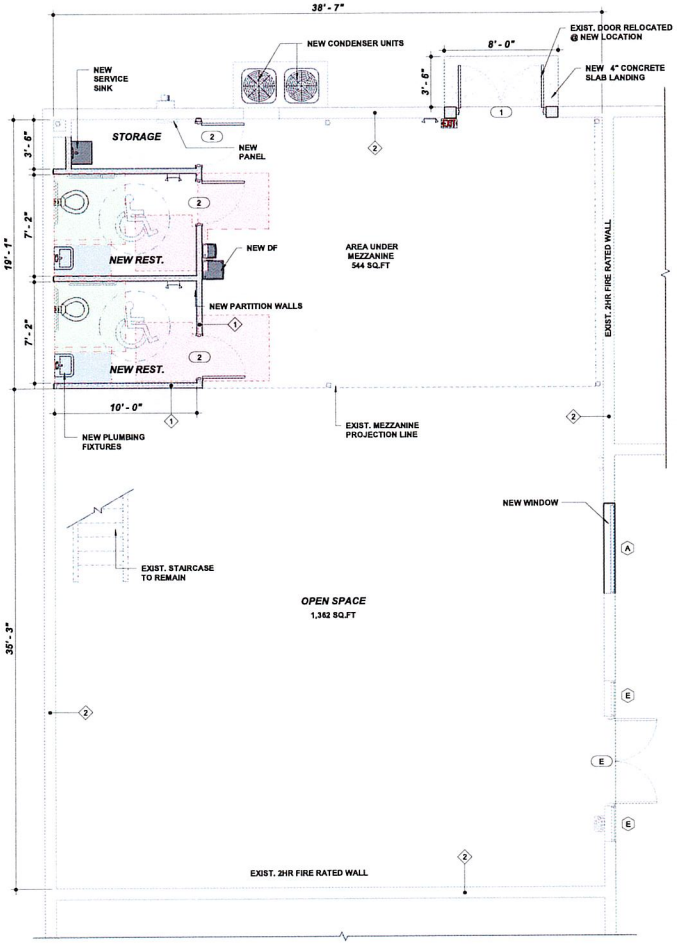
LIC #82038

SHELL PERMIT @
603 NE 13 STREET
FORT LAUDERDALE, 33304

Revision #	Description	Date

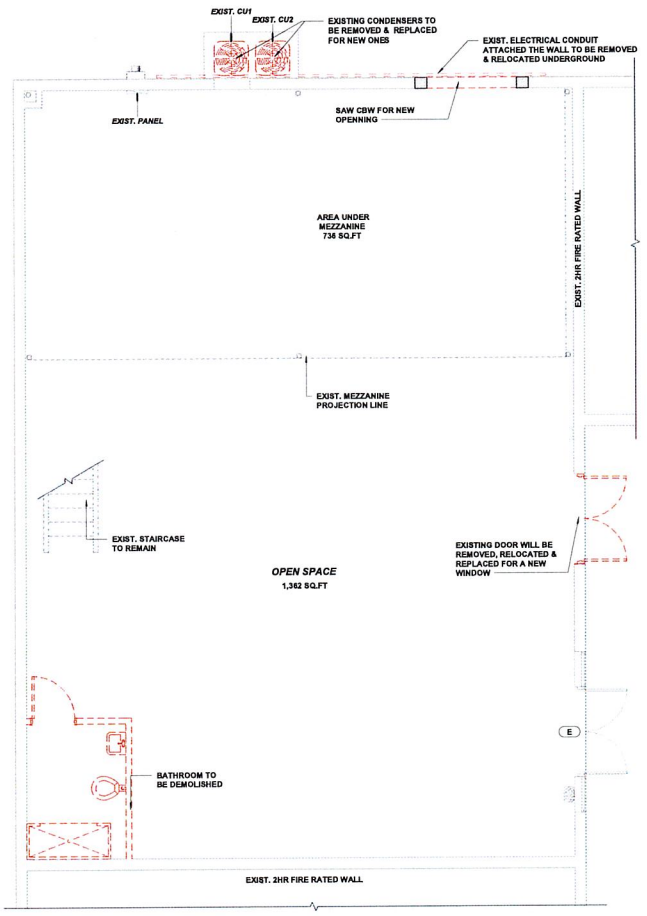
ARCHITECTURAL NOTES

Date 12/10/24
Project Number 24868
Sheet A1
Scale 1/4" = 1'-0"
Draw by Author



1 **PROPOSED GROUND FLOOR PLAN**

1/4" = 1'-0"



2 **DEMO GROUND FLOOR PLAN**

1/4" = 1'-0"

NOTE

- ALL EXISTING DRYWALL SHALL BE REMOVED AND REPLACED ON ALL PERIMETER WALLS OF THE UNIT. NEW WALL ASSEMBLIES SHALL BE INSTALLED TO MAINTAIN A MINIMUM 1-HOUR FIRE-RATED CONSTRUCTION, AS REQUIRED BY CODE.

Door Schedule

Type Mark	Operation	Frame Material	Width	Height	Zone-4	Zone-5	NOA#
1	SWING	SOLID CORE	72"	84"			
2	SWING	HOLLOW CORE	36"	80"			

Window Schedule

Type Mark	Family	Width	Height	Zone 4	Zone 5	NOA #
A	Window-Fixed	76" 4>	80" >			
B	Window-Fixed	30"	36"			

LEGEND

- DEMO
- EXIST. WALL TO REMAIN
- NEW PARTITION WALL
- (1t) DOOR TAG
- (1t) WALL TAG
- (1t) WINDOW TAG

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Revision #	Description	Date

FLOOR PLAN

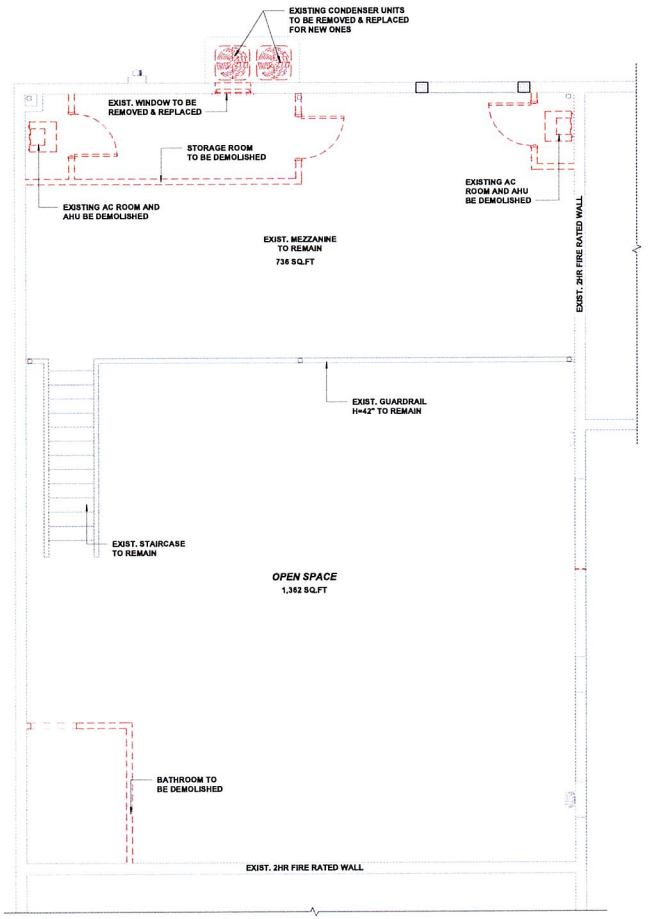
Date 12/10/24

Project Number **24868**

Sheet **A2**

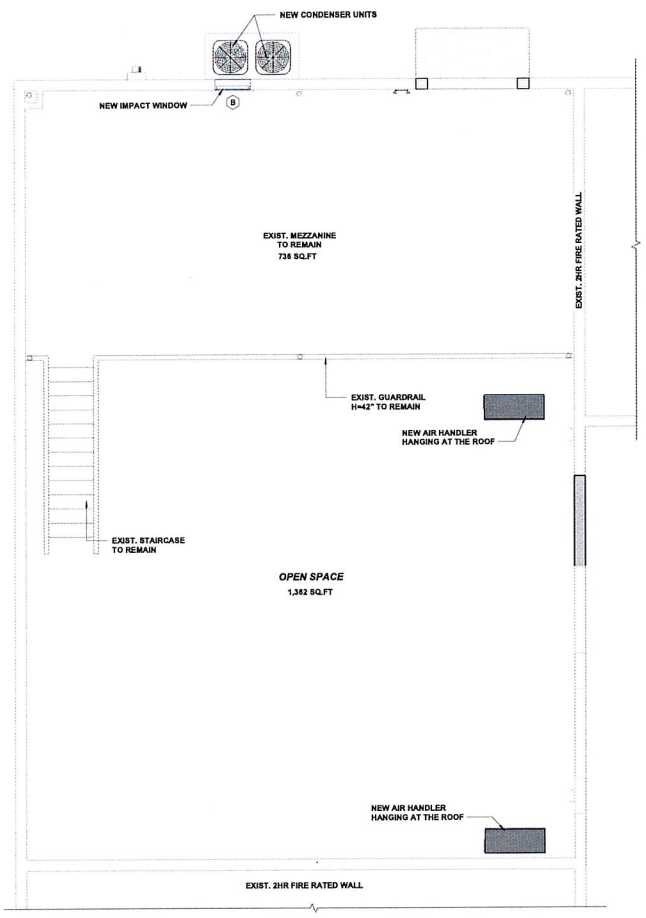
Scale 1/4" = 1'-0"

Draw by Author



1 DEMO MEZZANINE FLOOR PLAN

1/4" = 1'-0"



2 PROPOSED MEZZANINE FLOOR PLAN

1/4" = 1'-0"

NOTE

- ALL EXISTING DRYWALL SHALL BE REMOVED AND REPLACED ON ALL PERIMETER WALLS OF THE UNIT. NEW WALL ASSEMBLIES SHALL BE INSTALLED TO MAINTAIN A MINIMUM 1-HOUR FIRE-RATED CONSTRUCTION, AS REQUIRED BY CODE.

LEGEND

- DEMO
- EXIST. WALL TO REMAIN
- NEW PARTITION WALL
- 1t DOOR TAG
- 1 WALL TAG
- 1t WINDOW TAG

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Revision #	Description	Date

FLOOR PLAN

Date 12/10/24

Project Number 24868

Sheet A2.1

Scale 1/4" = 1'-0"

Draw by Author

LEGEND

SYMBOL	DESCRIPTION
	EMERGENCY LIGHT FIXTURE SINGLE FACE THERMOPLASTIC EXIT SIGN/LIGHT WITH WHITE HOUSING AND RED LETTERS. PROVIDE DIRECTIONAL ARROWS AS INDICATED. MCPHILBEN "CXXL3" SERIES. PROVIDE FIXTURE WITH 90 MINUTE BATTERY BACK UP.
	FIRE EXTINGUISHER
	PATH OF TRAVEL

INTERIOR WALL AND CEILING FINISH CLASSIFICATION BY OCCUPANCY GROUP E (NONSPRINKLERED)		
SURFACE	AREA	FLAME SPREAD RATING
WALLS/CEILINGS	INTERIOR EXITS AND EXIT PASSAGEWAYS	CLASS A (FLAME SPREAD INDEX 0-25, SMOKE-DEVELOPED INDEX 0-450)
WALLS/CEILINGS	CORRIDORS & ENCLOSURE	CLASS B (FLAME SPREAD INDEX 26-75, SMOKE-DEVELOPED INDEX 0-450)
WALLS/CEILINGS	ROOMS & ENCLOSED SPACES	CLASS C (FLAME SPREAD INDEX 76-200, SMOKE-DEVELOPED INDEX 0-450)
INTERIOR FINISHES SHALL COMPLY WITH MIN. FLAME SPREAD CLASSIFICATION PER FBC TABLE 803.11		
INSULATING MATERIALS, WHERE CONCEALED, SHALL HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 25 AND A SMOKE-DEVELOPED INDEX OF NOT MORE THAN 450.		
Class A: = Flame spread index 0-25; smoke-developed index 0-450. Class B: = Flame spread index 26-75; smoke-developed index 0-450. Class C: = Flame spread index 76-200; smoke-developed index 0-450		

1028.7 TRAVEL DISTANCE

1. EXITS AND AISLES SHALL BE LOCATED SO THAT THE TRAVEL DISTANCE TO AN EXIT DOOR SHALL NOT BE GREATER THAN 200 FEET (60 960 mm) TRAVEL IN NON SPRINKLERED BUILDINGS. TRAVEL DISTANCE SHALL NOT BE MORE THAN 250 FEET (78 200 mm) IN SPRINKLERED BUILDINGS. WHERE AISLES ARE PROVIDED FOR SEATING, THE DISTANCE SHALL BE MEASURED ALONG THE AISLES AND AISLE ACCESS WAY WITHOUT TRAVEL OVER OR ON THE SEATS.

2. THE CLEAR WIDTH OF THE MEANS OF EGRESS SHALL PROVIDE SUFFICIENT CAPACITY IN ACCORDANCE WITH ALL OF THE FOLLOWING, AS APPLICABLE:

AT LEAST 0.3 INCH (7.6 mm) OF WIDTH FOR EACH OCCUPANT SERVED SHALL BE PROVIDED ON STAIRS HAVING RISERS HEIGHTS 7 INCHES (178 mm) OR LESS AND TREAD DEPTHS 11 INCHES (279 mm) OR GREATER, MEASURED HORIZONTALLY BETWEEN TREAD NOSINGS.

FIRE EXTINGUISHER NOTES:

1. THE FIRE EXTINGUISHERS SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL FIRE PROTECTION STANDARD "PORTABLE FIRE EXTINGUISHER" N.F.P.A.-10.

2. THE MOUNTING HARDWARE (SCREWS, RIVETS, ETC.) SHALL BE OF THE PROPER TYPE AND SIZE TO ASSURE A POSITIVE MOUNTING.

3. THE FIRE EXTINGUISHER(S) SHALL BE MOUNTED IN ORDER THAT THE TOP IS BETWEEN 3.5 FEET AND 5 FEET ABOVE FINISHED FLOOR. IF A DETAIL IS INCLUDED IN THE PLANS, REFER TO THE DETAIL.

4. A MINIMUM OF ONE (1) ABC TYPE "2-A" RATED FIRE EXTINGUISHER SHALL BE PROVIDED FOR EACH 2,500 S.F.WITH A MAXIMUM TRAVEL DISTANCE OF 75 FEET.

5. PLASTIC VALVES ARE NOT ACCEPTABLE.

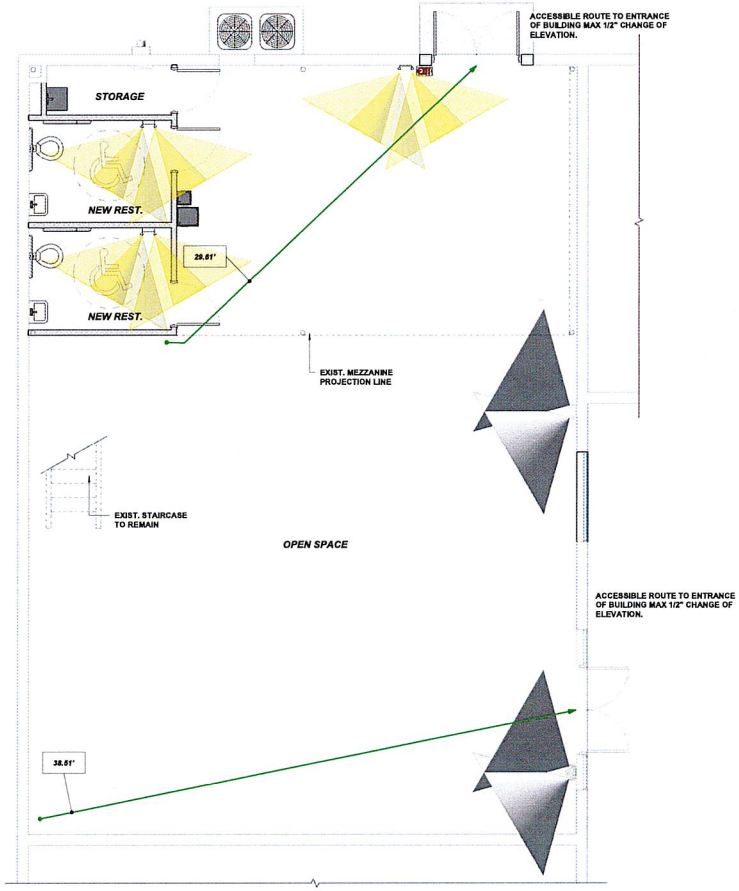
6. SIGNAGE SHALL BE PROVIDED AS PER N.F.P.A.-10.

LIFE SAFETY PLAN DESIGN CRITERIA

- THE PLAN IS DESIGNED IN ACCORDANCE WITH THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 101, LIFE SAFETY CODE ; NFPA 1, FIRE PREVENTION CODE FLORIDA SPECIFIC EDITION; AND ADOPTED NFPA STANDARDS.

NOTE

- BATHROOM DOORS LOCK SHALL PERMIT OPENING OF THE LOCKED DOOR FROM THE OUTSIDE IN AN EMERGENCY. THE OPENING DEVICE SHALL BE READILY ACCESSIBLE TO THE STAFF AS PER FBCB 466.3. "32" MIN. CLEAR WIDTH SHALL BE PROVIDED AS PER - FBC 1010.1.1.
- DOUBLE DOORS, ONE LEAF SHALL COMPLY WITH MINIMUM WIDTH. "HARDWARE SHALL COMPLY WITH FBCA, NO TIGHT GRASPING OR TWISTING- FBC 1008.1.9.1. HARDWARE HEIGHT MIN. 36" MAX. 48" A.F.F. - FBC 1008.1.9.2. "PANIC HARDWARE REQUIRED ON DOORS FOR GROUP E WITH OCCUPANCY OF 50 OR MORE - FBC 1010.1.10.
- MAX. CHANGE IN ELEVATION IN ALL EXTERIOR DOORS IN ACCORDANCE WITH FFPC 101:7.2.1.3.



1 LSP
1/4" = 1'-0"

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Revision #	Description	Date

LSP

Date 12/10/24
Project Number 24868
Sheet A3
Scale 1/4" = 1'-0"
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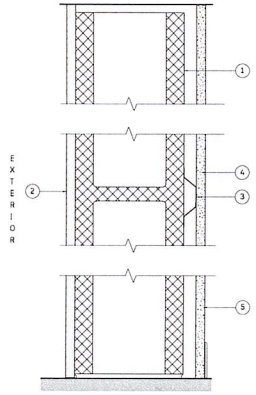


1 EXISTING CONCRETE MASONRY UNIT

2 EXISTING STUCCO

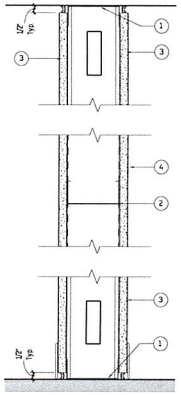
3 FURRING CHANNEL - 7/8" MTL FURRING CHANNEL @ 24" O.C. ATTACHED TO CMU.

4 GYPSUM WALLBOARD TYOE X -(1) LAYER OF 5/8" THICK, 4FT WIDE, ATTACHED TO STEEL STUDS AND FLOORS WITH 1 INCH LONG TYPE S STEEL SCREWS SPACES 8 INCH O.C. ALONG EDGES OF BOARD AND 12 INCHES O.C. IN THE FIELD OF THE BOARD. JOINTS ORIENTED VERTICALLY AND STAGGERED ON OPPOSITE SIDES OF THE ASSEMBLY.

5 JOINT AND TAPE COMPOUND-VINYL, DRY OR PREMIXED JOINT COMPOUND, APPLIED IN TWO COATS TO JOINTS AND SCREW HEAD,PAPER TAPE, 2 INCH WIDE, EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS.

Type	CMU Size	Rating	Notes
2	7 5/8"	2 HR	--

2 WALL TYPE 2



1 FLOOR AND CEILING RUNNERS- CHANNEL SHAPED RUNNERS, 3-5/8 INCH DEEP (MIN), 1-1/4 INCH LEGS, FORMED FROM MIN No 25 MSG GALVANIZED STEEL, ATTACHED TO FLOOR AND DECK WITH FASTENERS SPACED 24 INCHES O.C.

2 STEEL STUDS- "C" CHANNEL SHAPED, 3-5/8 INCH DEEP (MIN), FORMED FROM No 25 MSG GALVANIZED STEEL SPACED AT 24 INCH O.C. MAX. STUDS TO BE ATTACHED TO ROOF DECK

3 GYPSUM WALLBOARD-(1) LAYER OF 5/8" F.C. Gypsum Board applied vertically each side and attached to studs with 1" Type S-12 Drywall screws 12" O.C.
Stagger joints 24" O.C. each side. Studs attached to each side of top and bottom track with 1/2" Type S-12 Pan Head screws.

4 JOINT AND TAPE COMPOUND-VINYL, DRY OR PREMIXED JOINT COMPOUND, APPLIED IN TWO COATS TO JOINTS AND SCREW HEAD,PAPER TAPE, 2 INCH WIDE, EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS.

Type	Stud Size	Gauge	Stud Spacing	Thickness	Rating	Notes
1	3 5/8"	25 GA	24" O.C.	4 7/8"	NR	--

1 WALL TYPE 1

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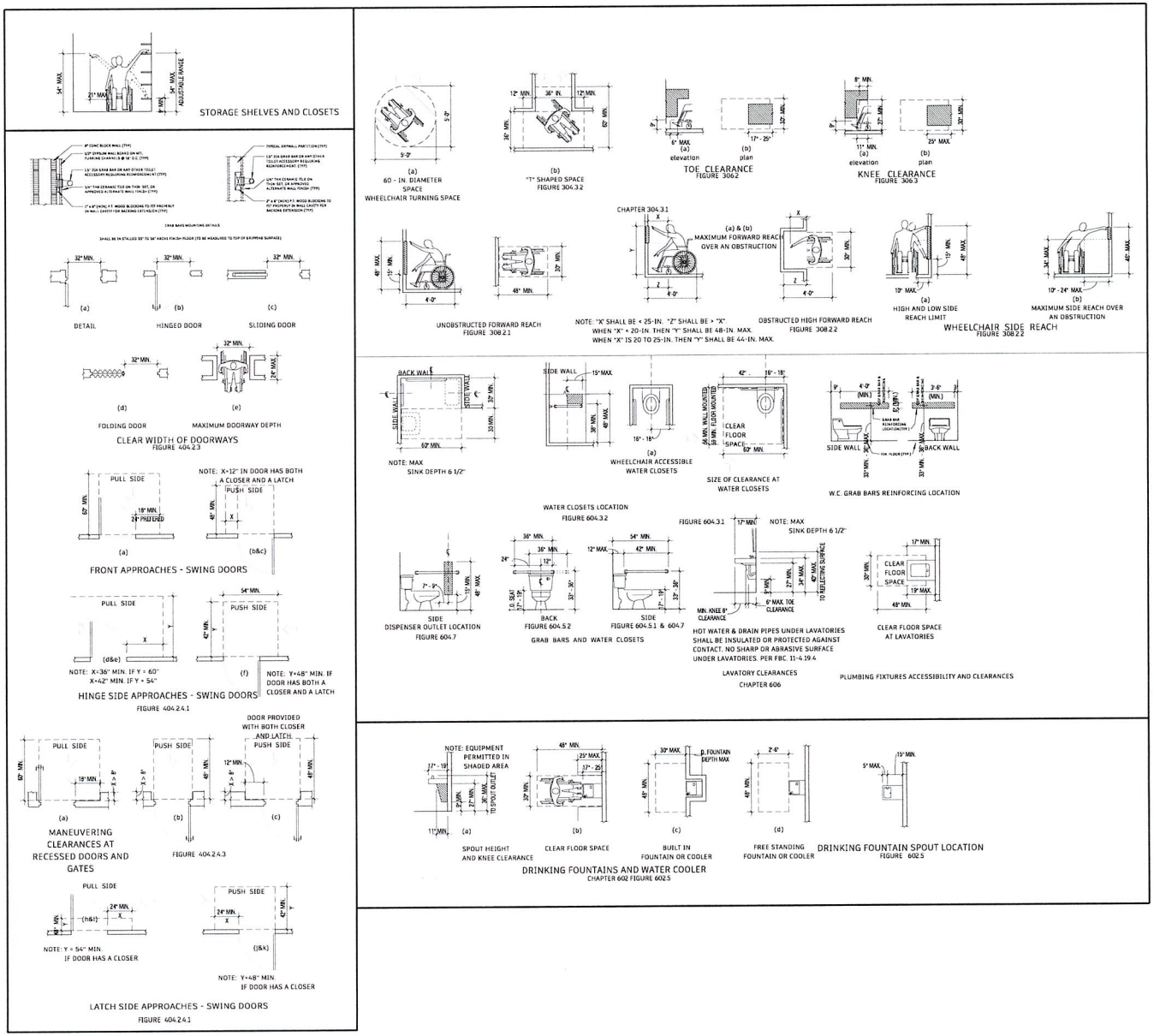
Revision #	Description	Date

DETAILS

Date 12/10/24
Project Number 24868
Sheet A4
Scale 3" = 1'-0"
Draw by Author



1 ADA DETAILS

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Revision #	Description	Date

DETAILS

Date 12/10/24
Project Number 24868
Sheet A5
Scale 1/4" = 1'-0"
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GENERAL ELECTRICAL NOTES

1. THE NATURE OF THIS CONTRACT INVOLVES REMODELING OF EXISTING FACILITIES. THE ELECTRICAL CONTRACTOR, PRIOR TO BID, SHALL INSPECT THE EXISTING CONDITIONS AT THE JOB SITE AND ACQUAINT HIMSELF WITH THE CONDITIONS THAT WILL AFFECT HIS WORK.
2. WORK SHALL BE PERFORMED TO MEET THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE (N.E.C) 2020, FLORIDA BUILDING CODE 2023 8TH EDITION, LOCAL AND STATE CODES AND STANDARDS.
3. SHALL COMPLY WITH FLORIDA FIRE PREVENTION CODE 8TH EDITION.
4. ALL WIRING SHALL BE COPPER (CU) THWN INSULATION. IF ALUMINUM WIRES ARE USED:
   A. TO PREVENT OVERHEATING AT CONNECTION POINTS USE OXIDE INHIBITING COMPOUND FOR STRIPPED PORTION OF CONDUCTORS INSIDE CONNECTORS.
   B. A PREVENTIVE MAINTENANCE PLAN IS NECESSARY TO ENSURE A RELIABLE SERVICE INCLUDING VISUAL INSPECTIONS AND TESTS FOR SPLICES AND CONNECTION POINTS. (CORROSION AND TIGHTNESS PRINCIPALLY). INSPECTION INTERVALS OF 2 YEARS MAXIMUM ARE STRONGLY RECOMMENDED.
4. ALL NEW CIRCUIT BREAKERS SHALL BE RATED AT MINIMUM OF 10,000 AIC.
5. PRIOR TO INSTALLATION OF ROUGH ELECTRICAL WIRING, CHECK NAMEPLATE DATA OF ALL EQUIPMENT FOR REQUIRED VOLTAGES, MINIMUM CIRCUIT AMPACITY, AND OVERCURRENT PROTECTION.
6. ALL BRANCH CIRCUITS SHALL BE PROPERLY PHASE BALANCED.
7. ALL NEW CONDUCTORS SHALL BE RUN IN CONDUIT (METALLIC TYPE) UNLESS THAT NONMETALLIC SHEATHED CABLE CAN BE USED IN DRY LOCATIONS AS PER NEC 334-6.
8. IF PVC CONDUITS ARE USED FOR UNDERGROUND FEEDERS, A GROUNDING CONDUCTOR SIZED IN ACCORDANCE WITH N.E.C. 250-122 MUST BE INSTALLED AND CONDUIT SIZE INCREASED AS REQUIRED.
9. TYPEWRITING PANEL TALLY SHALL BE FURNISHED AFTER JOB IS COMPLETED REFLECTING ALL CHANGES AND ADDITIONS FOR NEW CIRCUITS.
10. RISERS ARE DIAGRAMMATIC ONLY. THEY DO NOT SHOW EVERY BEND REQUIRED FOR THE INSTALLATION. ELECTRICAL CONTRACTOR TO FIND THE BEST POSSIBLE ROUTE FOR ALL CIRCUITS.
11. THIS DRAWING IS A GUIDE FOR THE INSTALLATION OF ELECTRICAL SERVICE. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE TO PROVIDE A FUNCTIONING SYSTEM.
12. ALL NEW OUTLETS IN ROOMS TO BE PROTECTED BY AFCI BREAKERS.
13. ALL ELECTRICAL LIGHTING FIXTURES & RECEPTACLES ARE EXISTING TO REMAIN UNLESS OTHERWISE SPECIFIED.
14. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH ARCHITECT/OWNER TO FIELD VERIFY INSTALLATION FOR OUTLETS AND LIGHTING FIXTURES.
15. BEFORE INSTALLING FLOOR OUTLETS CONTRACTOR SHALL COORDINATE EXACT LOCATION OF RECEPTACLES / LIGHTING FIXTURES WITH OWNER.
16. ROMEX TO BE USED WHERE ALLOWED BY NEC UNLESS

ELECTRICAL DEMOLITION NOTES

1. WITHIN THE AREA IDENTIFIED, UNLESS SPECIFICALLY NOTED OTHERWISE, CONTRACTOR SHALL DISCONNECT AND REMOVE ALL EXISTING UNUSED ELECTRICAL EQUIPMENT INCLUDING BUT NOT LIMITED TO LIGHTING FIXTURES, WIRING DEVICES, PANELBOARDS, MOTOR CONNECTIONS AND ASSOCIATED CONTROLS, ETC. REMOVE ALL UNUSED WIRING COMPLETELY INCLUDING CONDUIT AND CONDUCTORS BACK TO POWER SOURCE OR NEXT ACTIVE OUTLET. WHERE CONDUIT IS INACCESSIBLE, REMOVE CONDUCTORS AND CUT BACK CONDUIT FLUSH WITH SLAB OR WALL. PATCH OPENING TO MATCH EXISTING FINISH. WHERE EXISTING WIRING EXTENDS OUTSIDE OF THE AREA BY NATURE OF THE ORIGINAL INSTALLATION, CONTRACTOR SHALL MODIFY EXISTING WIRING AS REQUIRED TO MAINTAIN CONTINUITY OF EXISTING CIRCUITRY SUCH THAT NO EQUIPMENT TO REMAIN IS LEFT WITHOUT SERVICE.
2. SALVAGED MATERIALS, EQUIPMENT, AND LIGHT FIXTURES SHALL BE DELIVERED TO THE OWNER AT HIS PROPERTY AND STORED WITHIN THE BUILDING WHERE DIRECTED. ANY REMOVED MATERIALS OR EQUIPMENT WHICH THE OWNER DOES NOT WISH TO KEEP SHALL BE DISPOSED OF BY THE CONTRACTOR, WITHOUT ADDITIONAL COST TO THE OWNER.
3. THE CONTRACTOR SHALL VISIT THE SITE AND EXAMINE THE EXISTING CONDITIONS PRIOR TO COMMENCING WORK AND SHALL NOTIFY THE ARCHITECT AND/OR ENGINEER IF A CONDITION EXISTS WHICH PREVENTS HIM FROM ACCOMPLISHING THE WORK INDICATED AND INTENDED BY THESE DRAWINGS.
4. PRIOR TO BID, THE EXTENT AND UNDERSTANDING OF THE WORK TO BE PERFORMED SHALL BE CLEARLY ESTABLISHED SUCH THAT NO ADDITIONAL COSTS WILL BE INCURRED BY THE OWNER. ANY WORK, OTHER THAN AS DESCRIBED ON ANY ITEM OR SYSTEMS SHALL BE QUALIFIED WITH THE BID. THESE DRAWINGS REQUIRED TO PROVIDE AND INSTALL
5. PRIOR TO COMMENCING WORK, CONTRACTOR SHALL DISCONNECT POWER IN THE DEMOLITION AREA INCLUDING POWER FOR THE LOW-VOLTAGE SYSTEMS SUCH AS FIRE ALARM, CONTROL WIRING, ETC.
6. CONTRACTOR SHALL EXERCISE EXTREME CAUTION DURING DEMOLITION WORK. EXISTING FEEDERS AND PANELS ARE SHOWN SCHEMATIC FOR REFERENCE PURPOSES ONLY. CONTRACTOR SHALL VERIFY IN FIELD ROUTING OF ALL EXISTING FEEDERS PRIOR TO DEMOLITION.
7. CONTRACTOR SHALL PROVIDE TEMPORARY POWER WHERE REQUIRED DURING DEMOLITION AND CONSTRUCTION SCOPE OF WORK.
8. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE THE SERVICE INTERRUPTIONS WITH THE OWNER AND GENERAL CONTRACTOR.

NOTES

- ALL NEW OUTLETS SHALL BE TAMPER RESISTANCE DEVICES AS PER NEC 2020 406.12
- A MINIMUM OF 75% OF THE LAMPS IN PERMANENTLY INSTALLED LIGHTING FIXTURES SHALL BE HIGH – EFFICIENCY LAMPS OR A MINIMUM OF 75% INSTALLED LIGHTING FIXTURES SHALL CONTAIN ONLY HIGH – EFFICIENCY LAMPS TO COMPLY WITH FBC R404.1
- LIGHT FIXTURES FOR CLOTH CLOSETS TO COMPLY WITH NEC 410.16
- 90% OF THE LAMPS SHALL HAVE AN EFFICACY OF AT LEAST 45 LUMENS/W OR NOT LESS
- THAN 65 LUMENS/W. FBC RE R404.

IC RATED NOTE

- RECESSED LUMINARES INSTALLED IN THE BUILDING THERMAL ENVELOPE SHALL BE SEALED TO LIMIT AIR LEAKAGE BETWEEN CONDITIONED AND UNCONDITIONED SPACES. ALL RECESSED LUMINARES SHALL BE IC-RATED AND LABELED AS HAVING AN AIR LEAKAGE RATE OF NOT MORE THAN 2.0 CFM (0.944 L/S) WHEN TESTED IN ACCORDANCE WITH ASTM E 283 AT A 1.57 PSF (75 PA) PRESSURE DIFFERENTIAL. ALL RECESSED LUMINARES SHALL BE SEALED WITH A GASKET OR CAULK BETWEEN THE HOUSING AND INTERIOR WALL OR CEILING COVERING.

ELECTRICAL SCOPE OF WORK

1. NEW LIGHTING AND POWER AT NEW RESTROOM AS PER LAYOUT
2. NEW POWER FOR NEW AC UNITS AS PER LAYOUT
3. NEW ELECTRICAL PANEL A (UNIT C)
4. EXISTING ELECTRICAL METER & DISCONNECT TO REMAIN

ARC FAULT PROTECTION NOTE

- ALL NEW, EXTENDED OR MODIFIED CIRCUITS SHALL BE AFCI (ARC FAULT CIRCUIT INTERRUPTER) PROTECTION IN ACCORDANCE WITH 2020 EDITION OF THE N.E.C. 210.12b

SMOKE DETECTORS NOTE

- ALL SMOKE DETECTORS SHALL BE 120V WITH BATTERY BACKUP, HARDWIRED AND INTERCONNECTED AND LOCATED 36" MIN. FROM ANY A/C SUPPLY.

NOTE :
CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO SAFEGUARD ALL EXISTING STRUCTURES AND UTILITIES WHEN FOUND IN THE AREA OF WORK. ALL FINDINGS SHALL BE REPORTED TO THE ENGINEER OF RECORD PRIOR TO CONTINUANCE

NOTE :
CONTRACTOR TO CHECK ALL THE PLANS BEFORE STARTING THE JOB ANY DISCREPANCIES FOUND ON THE PLANS AND JOB SITE CONDITION HAS TO BE SENT TO ENGINEER IN WRITING BY EMAIL TO BE INVESTIGATED BEFORE STARTING THE JOB

NEW LOAD CENTER "A" - UNIT C

1	AREA @ 2WATTS/ SF (S.F. X 2W)	1000.0 F2	2.00 KVA
2	CKT @ 1.5 KVA EA.		3.00 KVA
3	APPLIANCES		1.00 KVA
4	SUBTOTAL		6.00 KVA
5	AHU-1		7.35 KVA
6	AHU-2		7.35 KVA
7	TANKLESS WATER HEATER		8.00 KVA
8	TOTAL		28.70 KVA
	(TOTAL) x 1,000/240	28.70 1000 / 240	119.58 AMPS

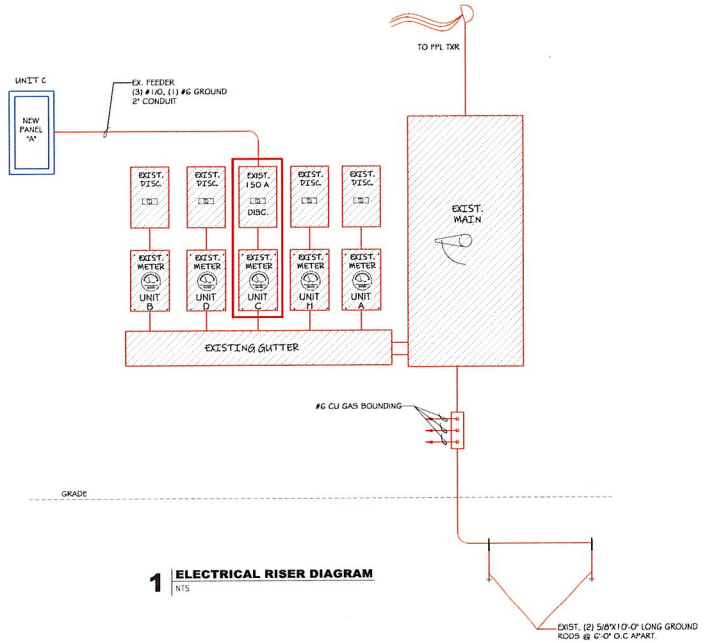
NEW LOAD CENTER "A" - UNIT C

120/240/1/60 — NEMA 1
150 AMP — 3W
10,000 AIC

KVA	TRIP POLE	WIRE	DESCRIPTION	CKT		CKT	DESCRIPTION	WIRE	TRIP POLE	KVA
7.35	50/2	6	AHU-1	1	X	2	AHU-2	6	50/2	7.35
				3		X 4				
-	20/1	10	GENERAL RECEPTACLES	5	X	6	GENERAL LIGHTS	12	20/1	-
-	20/1	12	GENERAL LIGHTS	7		X 8	TANKLESS WATER HEATER	8	40/2	8.00
-	20/1	12	GENERAL RECEPTACLES	9	X	10				
4.34	30/2	10	CU-1	11		X 12	GENERAL RECEPTACLES	12	20/1	-
				13	X	14	**DRINKING FOUNTAIN	12	20/1	1.00
-	20/1	12	GENERAL LIGHTS	15		X 16	CU-2	10	30/2	4.34
1.50	20/1	12	GFI EXTERIOR RECEPTACLES WP	17	X	18				
-	20/1	12	* EXTERIOR LIGHTS	19		X 20	SPACE			
-	20/1	12	LIGHTS AT NEW RESTROOMS	21	X	22	SPACE			
1.50	20/1	12	** GFC RECEPTACLES AT NEW RESTROOMS	23		X 24	SPACE			
			SPACE	25	X	26	SPACE			
			SPACE	27		X 28	SPACE			
			SPACE	29	X	30	SPACE			

MAIN DISC 150 AMPS
FEDEER 3() #1/0 THWN & (1) #6 GRD IN 2" CONDUIT

*ARC FAULT CIRCUIT
**ARC FAULT + GFI CIRCUIT



1 ELECTRICAL RISER DIAGRAM
NTS

Calc Engineering
CALC ENGINEERING
www.calceng.com
2000 NW 89th PL. Unit 102
DORAL, FL 33172
Phone: (305) 898-9995
ENGINEERING BUSINESS
CA CERTIFICATION: 32566
MASOOD HAJALI P.E
LIC #82038

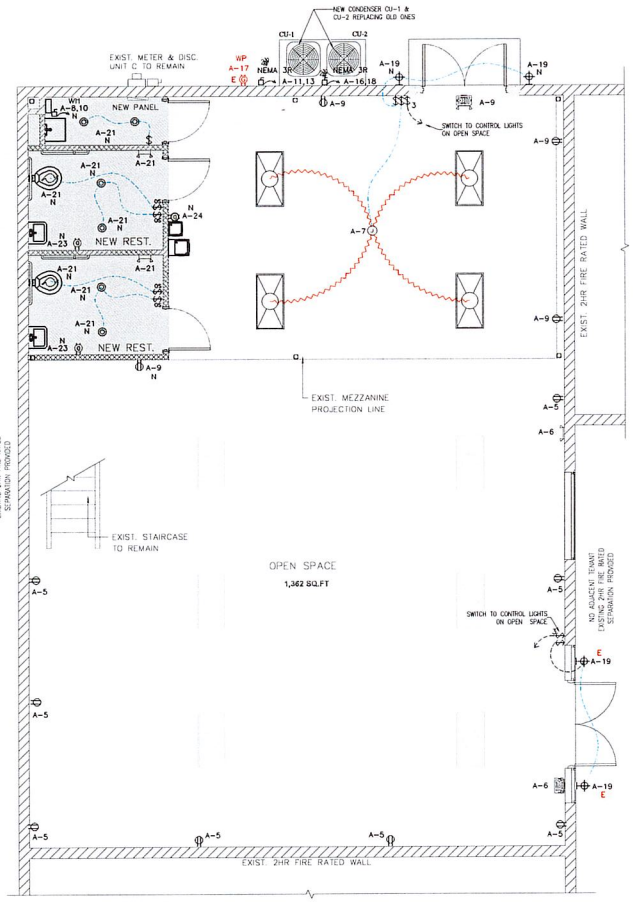
SHELL PERMIT @
603 NE 13 STREET
FORT LAUDERDALE.
FL 33304

Revision #	Description	Date

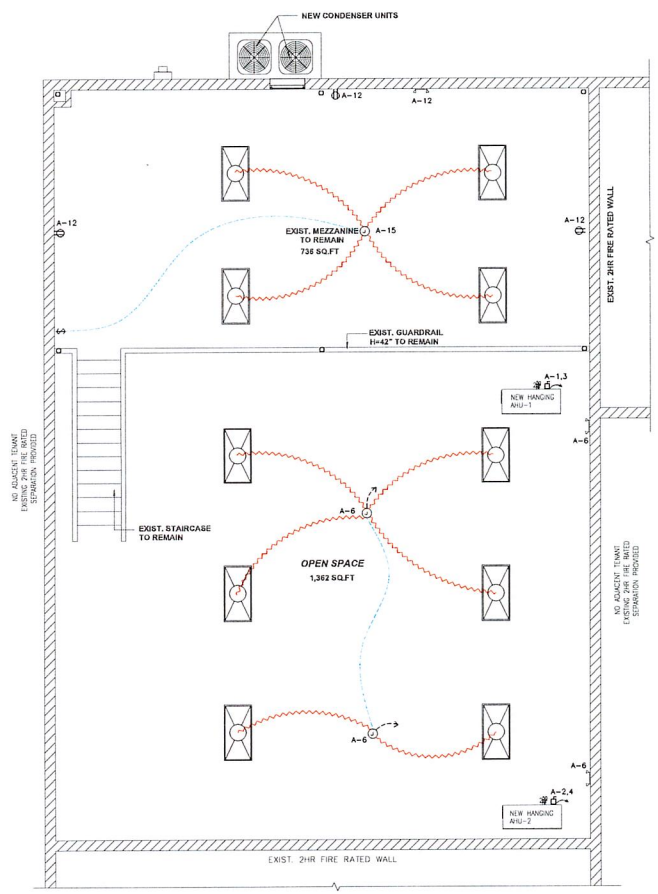
DESIGN IS BASED ON FBC 2023, 8TH EDITION

ELECTRICAL GENERAL NOTES

Date 12/23/25
Project Number 25868
Sheet E-1
Scale As Shown
Drawn By HH



1 **ELECTRICAL GROUND FLOOR PLAN**
SCALE 1/4"=1'-0"



2 **ELECTRICAL MEZZANINE FLOOR PLAN**
SCALE 1/4"=1'-0"

HATCH LEGEND

EXISTING BUILDING NOT IN SCOPE OF WORK

AREA TO WORK

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	DUPLEX RECEPTACLE		SCONCE LIGHT FIXTURE
	GFI RECEPTACLE		RECESSED NEW LIGHT FIXTURE
	ELECTRICAL LOADCENTER		EXHAUST FAN
$	SWITCH		SMOKE DETECTOR
$3	THREE WAY SWITCH		JUNCTION BOX

LEGEND:
(E) EXISTING TO REMAIN
(N) NEW
(RE) EXISTING TO BE RELOCATED
(EL) EXISTING TO BE LEGALIZED

LIGHTING FIXTURE SCHEDULE

	SYMBOL	DESCRIPTION	CATALOG NO.	LAMPS TYPE	LAMPS WATTS	VOLTS	MOUNTING	REMARKS
A		2'X4' LED PANEL LIGHT TROFFER-SLIM	LUM-P7-50WCDS	LED	50	115	CEILING DROP-IN	
B		RECESSED LIGHT	BY OWNER					
C		ADJUSTABLE THERMOPLASTIC EDGE-LIT LED EXIT SIGN	EXEP1RWEMA	LED	4.1	115	CEILING/ WALL	90 MIN. EMERGENCY BATTERY BACKUP
D		REMOTE CAPABLE LED THERMOPLASTIC EMERG. LIGHT	ESLR-1RC	LED	1.8	115	WALL	90 MIN. EMERGENCY BATTERY BACKUP
F		INTERIOR WALL MTD LIGHTS	BY OWNER					

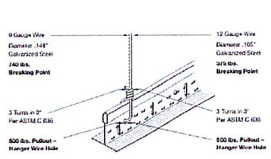
NOTES:
N (BOLD) DENOTES NEW
E (LIGHT) DENOTES EXISTING

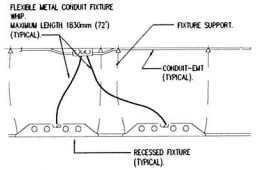
NOTE: The means of egress illumination level shall not be less than 1 footcandle (11 lux) at the walking surface as per FBC 1006

NOTE: Each area enclosed by walls or floor-to-ceiling partitions shall have at least one manual control for the lighting serving that area. The required controls shall be located within the area served by the controls or be a remote switch that identifies the lights served and indicates their status as per FBC E C405.

LIGHTING CONTROL NOTE

- ALL LIGHTING IN BATHROOMS SHALL BE PROVIDED WITH OCCUPANCY SENSORS SWITCHES
- SHOW WINDOW SHALL BE CONNECTED THRU A LIGHTING CONTROL TIMER DELAY





3 **LIGHTING FIXTURE CONNECTION DETAIL**
N.T.S. (TYPICAL)

Bldg Department official use space

Calc Engineering
CALC ENGINEERING
www.calceng.com
2000 NW 89th PL Unit 102
DORAL, FL 33172
Phone: (305) 898-9995
ENGINEERING BUSINESS
CA CERTIFICATION: 32566
MASOOD HAJALI P.E
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Revision #	Description	Date

DESIGN IS BASED ON FBC 2023, 8TH EDITION

ELECTRICAL FLOOR PLAN

Date 12/23/25
Project Number 25868
Sheet E-2
Scale As Shown
Drawn By HH

AIR-CONDITIONING GENERAL NOTES

1. THE ABBREVIATION "A.C." USED HENCEFORTH IN THIS GENERAL AIR CONDITIONING SPECIFICATION SHALL BE CONSTRUED TO MEAN AIR CONDITIONING CONTRACTOR.
2. THE "GENERAL CONDITIONS OF THE CONTRACT", CURRENT EDITION, PUBLISHED IN STANDARD FROM BY THE AMERICAN INSTITUTE OF ARCHITECTS SHALL BE PART OF THIS CONTRACT.
3. ALL WORK AND MATERIALS SHALL BE IN FULL ACCORDANCE WITH OSHA AND ALL STATE AND LOCAL CODES THAT APPLY.
4. THE A.C. SHALL CHECK ALL EQUIPMENT FOR CORRECT VOLTAGE RATING BEFORE INSTALLATION.
5. THE A.C. SHALL TAKE OUT PERMITS, PROCURE CERTIFICATES, AND PAY ALL FEES ASSOCIATED WITH THE WORK. HE SHALL ALSO BE RESPONSIBLE FOR MAKING ALL INSPECTIONS AND TESTS.
6. THE DRAWINGS ARE DIAGRAMMATIC AND ARE INTENDED TO SHOW APPROXIMATE LOCATIONS. THE A.C. SHALL NOT SCALE THE DRAWINGS.
7. BIDDERS SHALL VISIT THE SITE AND FAMILIARIZE THEMSELVES WITH ALL CONDITIONS INVOLVING THE WORK.
8. IT SHALL BE THE RESPONSIBILITY OF THE A.C. FOR THE ADVANCE ORDERING OF LONG LEAD ITEMS SO AS NOT TO DELAY OTHER TRADES RESULTING IN ANY DOWN OR LAG TIME.
9. THE G.C. SHALL FURNISH ALL EQUIPMENT, LABOR, MATERIALS AND SUPERVISION TO INSTALL A COMPLETE AND PROPERLY OPERATING AIR-CONDITIONING SYSTEM AS DESCRIBED HEREIN AND AS SHOWN AND/OR NOTED ON THE DRAWINGS.
10. THE A.C. SHALL FURNISH AND INSTALL ALL MINOR ITEMS WHICH ARE OBVIOUSLY AND REASONABLE NECESSARY TO COMPLETE THE INSTALLATION WHETHER OR NOT SPECIFIED AS SHOWN ON THE PLANS.
11. THE A.C. SHALL BE A LICENSED MECHANICAL CONTRACTOR.
12. THE A.C. IS REFERRED TO THE ARCHITECTURAL, FIRE PROTECTION PLANS AND SPECIFICATIONS. SUCH PLANS AND SPECIFICATIONS ARE CONTRACT DOCUMENTS. VERIFY ALL REQUIREMENTS PRIOR TO INSTALLATION.
13. THE A.C. SHALL EXAMINE THESE SPECIFICATIONS AND THE WHOLE CONTRACT BY SECURING A COMPLETE SET OF DRAWINGS OF THE WHOLE CONTRACT.
14. THE A.C. SHALL BE RESPONSIBLE FOR THE FULL COORDINATION OF HIS WORK WITH THAT OF THE GENERAL CONTRACTOR AND OTHER SUBCONTRACTORS TO MUTUALLY AVOID CONFLICT.
15. THE A.C. SHALL BE RESPONSIBLE FOR VERIFICATION OF CEILING CONSTRUCTION BEFORE INSTALLING DIFFUSERS.
16. ALL AIR CONDITIONING WORK SHALL NOT INTERFERE WITH CLEARANCES REQUIRED FOR GENERAL AND MECHANICAL CONSTRUCTION. SHOULD AIR CONDITIONING WORK BE INSTALLED WHICH INTERFERES WITH THE WORK OF OTHER CONTRACTORS, SUCH WORK SHALL BE CHANGED AT NO ADDITIONAL COST TO THE OWNER.
17. THE A.C. SHALL VERIFY ALL NOTES AND DIMENSIONS PRIOR TO PROCEEDING WITH BID. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT.
18. THE A.C. SHALL SUBMIT REQUESTS FOR SUBSTITUTIONS IN WRITING.
19. THE A.C. SHALL TOUCH UP OR REFINISH THE FACTORY FINISH OF EQUIPMENT MARRED DURING SHIPMENT OR INSTALLATION. THE IS RESPONSIBLE TO REPAIR TO ORIGINAL CONDITION ANY AND ALL DAMAGES TO BUILDING SURFACES, EQUIPMENT, AND FURNISHINGS CAUSED DURING PERFORMANCE OR WORK.
20. THE A.C. SHALL FURNISH AND INSTALL DISCONNECT SWITCHES, WIRING AND CONNECTIONS ON AIR-CONDITIONING SYSTEM AS SHOWN ON PLANS. MOTOR STARTERS AND CONTROLS ARE TO BE SUPPLIED BY A.C CONTRACTOR AND CONNECTED BY ELECTRICAL CONTRACTOR. CONTROL WIRING SHALL BE PROVIDED BY THE ELECTRICAL CON TRACTOR.
21. ALL PENETRATIONS SHALL BE PROPERLY FLASHED AND SEALED BY THE GENERAL CONTRACTOR.
22. NO CONDUITS OR PIPES ARE TO BE RUN IN DUCTWORK.
23. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE TO PROVIDE TYPE WRITTEN PANEL SCHEDULES FOR ALL PANELS. THE A.C. SHALL COORDINATE WITH THE ELECTRICAL CONTRACTOR IN ORDER THAT THE SAME NOMENCLATURE IS USED AS PROVIDED ON THE A/C PLANS.
24. ALL MATERIALS SHALL BE NEW, OF AMERICAN MANUFACTURE, AND IN COMPLIANCE WITH UNDERWRITERS LABORATORIES OR OTHER RECOGNIZED TESTING AGENCY, UNLESS SPECIFIED OTHERWISE.
25. THE A.C. SHALL BE RESPONSIBLE FOR ANY DAMAGE TO MECHANICAL EQUIPMENT DUE TO REMOVAL OR INSTALLATION OF ANY WORK.
26. ALL STRUCTURAL CUTTING AND PATCHING SHALL BE DONE BY THE GENERAL CONTRACTOR.

CLEAN-UP NOTES

1. CLEAN UP OF SITE: UPON COMPLETION OF THE PROPOSED WORK, THE PERMIT HOLDER SHALL LEAVE THE SITE CLEARED OF RUBBISH, DEBRIS, CONSTRUCTION SHEDS OR MATERIALS OF CONSTRUCTION. IN THE EVENT THERE HAS BEEN DAMAGE TO PUBLIC PROPERTY OR THAT RUBBISH, DEBRIS, CONSTRUCTION SHEDS OR MATERIALS OF CONSTRUCTION HAVE BEEN LEFT AT THE SITE, THEN THE BUILDING OFFICIAL SHALL REFUSE TO MAKE FINAL INSPECTION AND SHALL NOTIFY THE PERMIT HOLDER TO CORRECT THE CONDITION OF VIOLATION WITHIN FIVE DAYS. FOR FAILURE TO COMPLY WITH SUCH NOTICE AFTER SUCH PERIOD OF FIVE DAYS, THE PERMIT HOLDER IS SUBJECT TO THE PENALTIES SPECIFIED BY THE DADE COUNTY CODE, AND THE BUILDING OFFICIAL SHALL HAVE THE CLEAN-UP WORK DONE AND PUBLIC PROPERTY RESTORED AND SHALL NOTIFY THE LEGAL AUTHORITIES, WHO SHALL INSTITUTE THE NECESSARY ACTION TO HAVE THE COSTS PLACED AS A LIEN AGAINST THE PROPERTY IN RELATION TO WHICH THE PERMIT WAS ISSUED.
2. THE A.C. SHALL KEEP ALL AREAS IN WHICH WORK IS BEING PERFORMED FREE FROM DEBRIS AT ALL TIMES, AND SAID AREA SHALL BE LEFT BROOM CLEAN AT THE END OF EACH WORKING DAY.
3. AT THE COMPLETION OF THE WORD, THE A.C. SHALL REMOVE ALL RUBBISH CAUSED BY HIS WORK, AND SHALL THOROUGHLY CLEAN ALL FIRE PROTECTION EQUIPMENT.

GUARANTEE

1. ALL WORK, MATERIAL ETC. SHALL BE FULLY GUARANTEED FOR (1) YEAR BY THE A.C. CONTRACTOR. THE 1 YEAR PERIOD SHALL COMMENCE AFTER FINAL APPROVAL BY THE ARCHITECT/ENGINEER.
2. THE A.C. SHALL FURNISH A WRITTEN GUARANTEE COVERING A ONE (1) YEAR PERIOD FOR ALL EQUIPMENT AND AN ADDITIONAL FOUR (4) YEAR PERIOD FOR THE COMPRESSORS.

DUCTWORK NOTES

1. ALL EXPOSED DUCTWORK ABOVE THE ROOF AND DUCTWORK DOWN THROUGH THE ROOF SHALL BE FABRICATED WITH GALVANIZED SHEET METAL ACCORDING TO S.M.A.C.N.A. LOW VELOCITY DUCT MANUAL.
2. SUPPLY AIR DUCTWORK: INTERNALLY LINED WITH RIGID DUCT INSULATION (R-8.7, 2" THICK)
3. DUCT COVERING AND LINING, INCLUDING ADHESIVES WHERE USED, SHALL HAVE A FLAME SPREAD INDEX NOT HIGHER THAN 25, AND A SMOKE-DEVELOPED INDEX NOT OVER 50 WHEN TESTED IN ACCORDANCE WITH ASTM E 84 OR UL 723, USING THE SPECIMEN PREPARATION AND MOUNTING PROCEDURES OF ASTM E 2231.
4. RETURN AIR DUCTWORK NO INSULATION
5. OA MAKE UP DUCTWORK NO INSULATION
6. ALL DUCTWORK JOINTS SHALL BE SEALED WITH A UL LISTED SEALANT.
7. ALL EXTERIOR DUCTWORK SHALL BE PAINTED WITH TWO COATS OF ALUMINUM PAINT.
8. AIR DISTRIBUTION SYSTEM CONSTRUCTION AND INSTALLATION SHALL COMPLY WITH THE LATEST EDITION OF THE STATE OF FLORIDA ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE A COPY OF THIS SECTION AT THE JOB SITE.
9. EACH DUCT SYSTEM SHALL BE CONSTRUCTED AND ERECTED FOR THE SPECIFIC DUCT PRESSURE CLASSIFICATIONS SHOWN ON THE APPROVED DRAWINGS FOR THE PROJECT IN ACCORDANCE WITH STANDARDS RS-15, RS-17, RS-18, RS-19, AND RS-32.
10. ALL 90 DEGREE ELBOWS SHALL BE EQUIPPED WITH TURNING VANES.
11. SPLITTERS AND VOLUME DAMPERS SHALL BE INSTALLED WHERE SHOWN ON PLANS.

MECHANICAL SCOPE OF WORK

1. NEW AIR CONDITIONING SYSTEM TO REMAIN
2. NEW EXHAUST FANS IN NEW RESTROOMS AS PER LAYOUT

NOTE :

CONTRACTOR TO CHECK ALL THE PLANS BEFORE STARTING THE JOB ANY DISCREPANCIES FOUND ON THE PLANS AND JOB SITE CONDITION HAS TO BE SENT TO ENGINEER IN WRITING BY EMAIL TO BE INVESTIGATED BEFORE STARTING THE JOB

NOTE :

CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO SAFEGUARD ALL EXISTING STRUCTURES AND UTILITIES WHEN FOUND IN THE AREA OF WORK. ALL FINDINGS SHALL BE REPORTED TO THE ENGINEER OF RECORD PRIOR TO CONTINUANCE

Fan Schedule

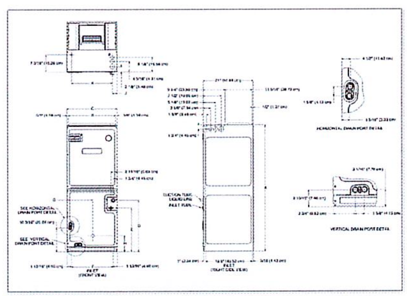
Mark		EF-1
DESCRIPTION	Service	Exhaust
	Area Served	RESTROOM
	Design Manufacturer	Greenheck
	Model #	SP-B70
	Mounting Type	Inline Cabinet
	Fan Weight	9.00 lbs.
Fan	Total CFM	70
	Total Ext. Stat. Pr	1/4
	Dive Type	Direct
	Motor Capacity	N/A
	Watts	45.1
	Electric Service	120/1/60
	Fan RPM	675
	Sound Level (Sones)	0.4
Accesories	Backdraft Damper	Yes
	Bnd Screen	Yes
	Service Switch	Yes
	Firestat	No
Notes:		
1	Fan shall be rated for air and sound	
2	555C Solid State Speed Control	

AIR - CONDITIONING SCHEDULE

Brand: GOODMAN
Model: AMVT42CP1300 : AHU-1 & AHU-2

	AMVT 24BP1300	AMVT 30BP1300	AMVT 36BP1300	AMVT 36CP1300	AMVT 42CP1300	AMVT 48CP1300	AMVT 60DP1300
Nominal Ratings							
Cooling (Btu/h)	24,000	30,000	36,000	36,000	42,000	48,000	60,000
Blower							
Diameter	10"	10"	10"	10"	10"	10"	11"
Width	6"	6"	6"	8"	9"	10"	10"
Refrigerant Line Connection Size							
Liquid	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction	3/4"	3/4"	3/4"	3/4"	3/4"	7/8"	7/8"
Coil Drain Connect FPT	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Electrical Data							
Voltage	208/240	208/240	208/240	208/240	208/240	208/240	208/240
Min Circuit Ampacity	4.9/4.9	4.9/4.9	6.5/6.5	6.5/6.5	6.5/6.5	6.5/6.5	8.6/8.6
Max. Overcurrent Device (amps)	15/15	15/15	15/15	15/15	15/15	15/15	15/15
Min. / Max VAC	197 / 253	197 / 253	197 / 253	197 / 253	197 / 253	197 / 253	197 / 253
Blower Motor							
Blower Motor (FLA)	3.9	3.9	5.2	5.2	5.2	5.2	6.9
Blower Motor (HP)	1/2	1/2	3/4	3/4	3/4	3/4	1
Ship Weight (lbs)	117	134	134	158	158	158	172

Dimensions



Model	A"	B"	C"	D"	E"	F"	G"	H"	J"	K"
AMVT24BP1300	45	16 3/16	17 3/16	15 3/4	12	12 1/2	9	12 11/16	2	13 1/2
AMVT30BP1300	53 5/16	16 3/16	17 3/16	23 11/16	20 1/16	12 1/2	9	12 3/4	2	13 1/2
AMVT36BP1300	53 5/16	16 3/16	17 3/16	23 11/16	20 1/16	12 1/2	9	12 3/4	2	13 1/2
AMVT36CP1300	49	19 11/16	21 1/2	21 11/16	17 3/4	16 1/16	9	12 3/4	2	17 1/2
AMVT42CP1300	53 5/16	19 11/16	21 1/2	21 11/16	18 3/4	16 1/16	9	12 3/4	2	17 1/2
AMVT48CP1300	58	19 11/16	21 1/2	26 3/16	22 11/16	14 13/16	10 11/16	6 11/16	2	17 1/2
AMVT60DP1300	58	23 1/16	24 1/2	26	22 1/2	17 11/16	12 5/16	13 11/16	2	20 1/2

Brand: GOODMAN
Model: GLZS4BA3610** : CU-1 & CU-2

Product Specifications

	GLZS4BA 1810*	GLZS4BA 2410*	GLZS4BA 3010*	GLZS4BA 3610*	GLZS4BA 4210*	GLZS4BA 4810*	GLZS4BA 6010*
Nominal Capacities							
Cooling (BTU/h)	18,000	24,000	30,000	36,000	42,000	48,000	60,000
Heating (BTU/h)	18,000	24,000	30,000	36,000	42,000	48,000	60,000
Decibels	74	74	77	75	72	74	75
Compressor							
RLA	8.2	8.2	11.2	16.4	14.4	19.4	23.9
LRA	41.2	41.2	52.5	88.0	112.2	127.7	145.0
Stage	Single	Single	Single	Single	Single	Single	Single
Type	Rotary	Rotary	Rotary	Scroll	Scroll	Scroll	Scroll
Condenser Fan Motor							
Motor Type	PSC	PSC	PSC	PSC	PSC	PSC	PSC
Horsepower	1/6	1/6	1/6	1/6	1/4	1/4	1/4
FLA	0.95	0.95	0.95	0.97	1.30	1.30	1.30
Refrigeration System							
Refrigerant Line Size[1]							
Liquid Line Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Line Size ("O.D.)	3/4"	3/4"	3/4"	3/4"	1 1/8"	1 1/8"	1 1/8"
Refrigerant Connection Size							
Liquid Valve Size ("O.D.)	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
Suction Valve Size ("O.D.)	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"
Valve Connection Type	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat	Sweat
Refrigerant Charge (oz.)	70	70	81	83	139	174	194
Electrical Data							
Volts/Phase (60 Hz)	208/230	208/230	208/230	208/230	208/230	208/230	208/230
Minimum Circuit Ampacity[2]	11.2	11.2	15.0	21.5	19.3	25.5	31.1
Max. Overcurrent Protection[3]	15	15	25	35	30	40	50
Min / Max Volts	197/253	197/253	197/253	197/253	197/253	197/253	197/253
Electrical Conduit Size	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"	1/2" or 3/4"
Unit Weights							
Equipment Weight (lbs.)	150	150	175	196	262	269	300
Ship Weight (lbs)	165	165	190	211	277	284	320

[1] Tested and rated in accordance with AHRI Standard 210/240
[2] Wire size should be determined in accordance with National Electrical Codes; extensive wire runs will require larger wire sizes
[3] Must use time-delay fuses or HACR-type circuit breakers of the same size as noted

Notes
- Always check the S&R plate for electrical data on the unit being installed
- Installer will need to supply 3/4" to 1 1/8" adapters for suction line connections.
- Unit is charged with refrigerant for 15' of 3/8" liquid line. System charge must be adjusted per Installation instructions Final Charge Procedure.
- Installation of these units requires the specified TXV kit to be installed on the indoor coil. THE SPECIFIED TXV IS DETERMINED BY THE OUTDOOR UNIT NOT THE INDOOR COIL.

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LIC #82038

SHELL PERMIT @
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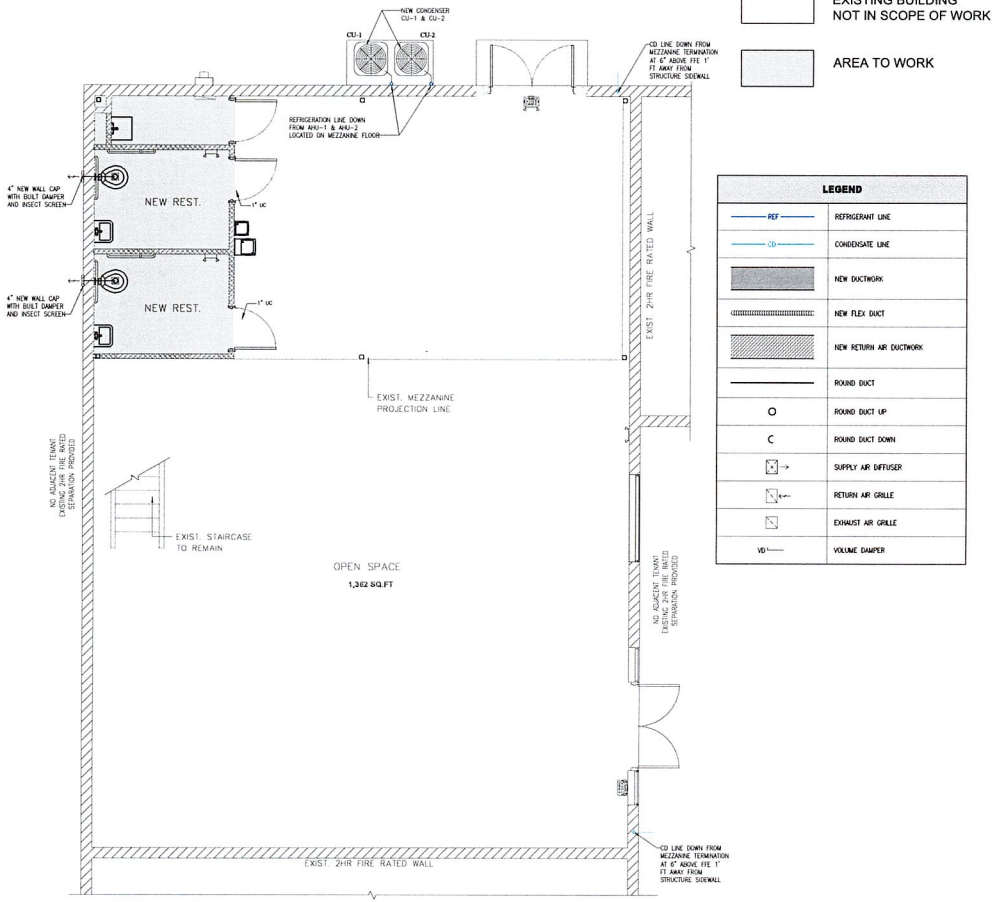
FL 33304

DESIGN IS BASED ON FBC 2023, 8TH EDITION

Revision #	Description	Date

MECHANICAL GENERAL NOTES

Date 12/23/25
Project Number 25868
Sheet M-1
Scale As Shown | Drawn By HH



1 MECHANICAL GROUND FLOOR PLAN
SCALE 1/4"=1'-0"

HATCH LEGEND

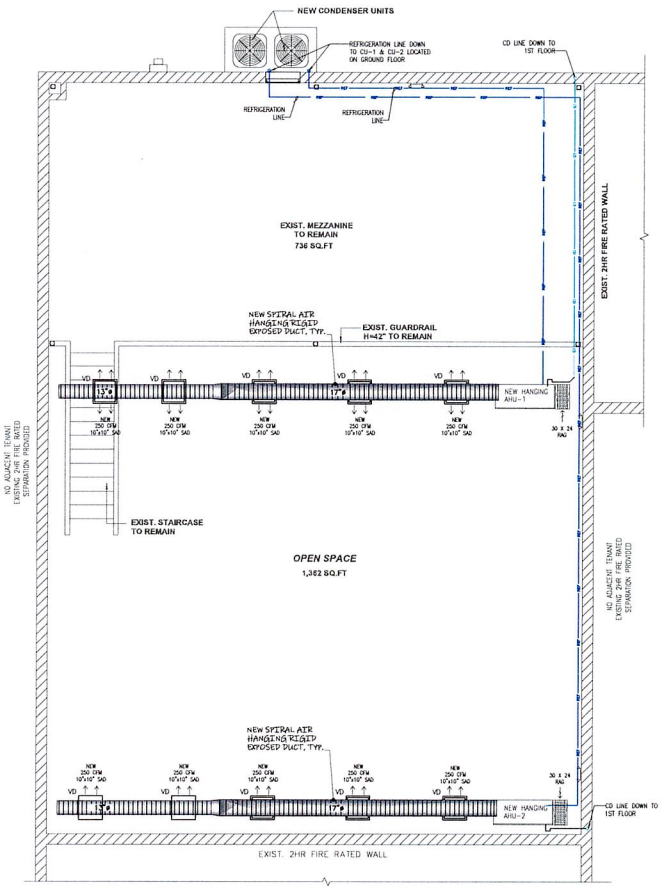
EXISTING BUILDING NOT IN SCOPE OF WORK

AREA TO WORK

LEGEND	
REF	REFRIGERANT LINE
CD	CONDENSATE LINE
	NEW DUCTWORK
	NEW FLEX DUCT
	NEW RETURN AIR DUCTWORK
	ROUND DUCT
O	ROUND DUCT UP
C	ROUND DUCT DOWN
	SUPPLY AIR DIFFUSER
	RETURN AIR GRILLE
	EXHAUST AIR GRILLE
VD	VOLUME DAMPER

NOTE :
CONTRACTOR TO CHECK ALL THE PLANS BEFORE STARTING THE JOB ANY DISCREPANCIES FOUND ON THE PLANS AND JOB SITE CONDITION HAS TO BE SENT TO ENGINEER IN WRITING BY EMAIL TO BE INVESTIGATED BEFORE STARTING THE JOB

NOTE :
CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO SAFEGUARD ALL EXISTING STRUCTURES AND UTILITIES WHEN FOUND IN THE AREA OF WORK. ALL FINDINGS SHALL BE REPORTED TO THE ENGINEER OF RECORD PRIOR TO CONTINUANCE



2 MECHANICAL MEZZANINE FLOOR PLAN
SCALE 1/4"=1'-0"

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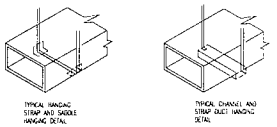
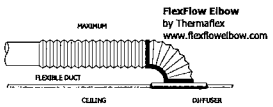
Drawn By HH



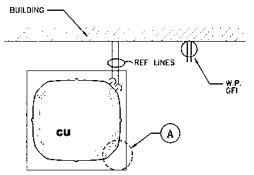
NOTES:
1. HANG DUCTS ACCORDING TO SMACNA STANDARDS
2. ALL STRAP SHALL BE A MAXIMUM OF 1 1/2", 26 GA GALVANIZED STEEL WITH 4 & 6 FT MAXIMUM SPACING

METHODS OF HANGING DUCTS — H / M-3
N.T.S.



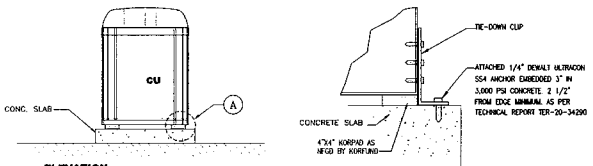
NOTE: INSTALL FLEXIBLE DUCTWORK SUPPORTS AT ALL ROUND NECK OUTLETS/INLETS UNLESS OTHERWISE NOTED ON DRAWINGS.

FLEXIBLE DUCT CONNT. TO AIR OUTLET / INLET — D / M-3
N.T.S.



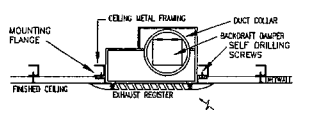
NOTES
1. SEE MECHANICAL SITE PLAN FOR EQUIPMENT LAYOUT.
2. SEE ELECTRICAL DRAWINGS FOR DISCONNECT SWITCH & DUPLEX RECEPTACLES.
3. ALL HARDWARE SHALL BE GALVANIZED

PLAN

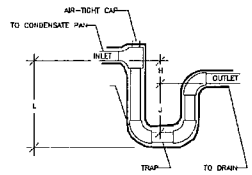


ELEVATION — SECTION A

CONDENSING UNIT MOUNTING DTL — C / M-3
N.T.S.

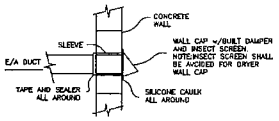


TYPICAL EXHAUST FAN DETAIL — G / M-3
N.T.S.

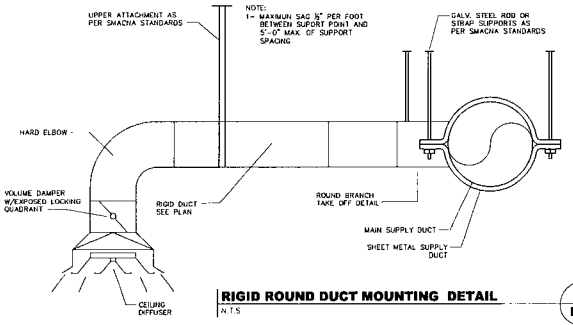


TRAP DETAILED DIMENSIONS:
H = MAX. STATIC PRESSURE + 1 INCH.
J = 1/2 H DIMENSION
L = H + J + PIPE O.D. & INSULATION THICKNESS

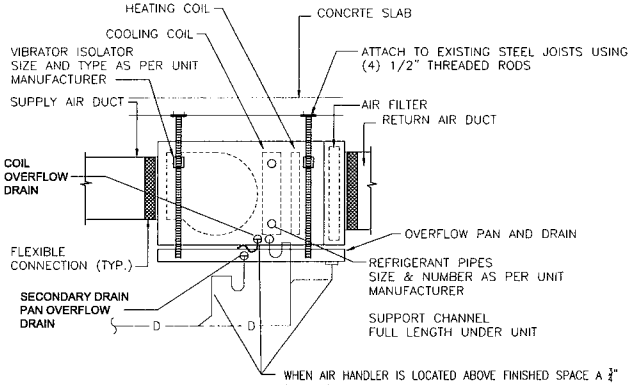
CONDENSATE TRAP DETAIL — E / M-3
N.T.S.



WALL CAP MOUNTING DETAIL — F / M-3
N.T.S.



RIGID ROUND DUCT MOUNTING DETAIL — B / M-3
N.T.S



WHEN AIR HANDLER IS LOCATED ABOVE FINISHED SPACE A ¾" (19.1MM) SECONDARY DRAIN LINE MUST BE CONNECTED TO SECONDARY DRAIN PAN, OR CONNECTED TO THE OVERFLOW DRAIN OUTLET OF THE AIR HANDLER DRAIN PAN.

CEILING MOUNTED AHU-1 DETAIL TYP. — A / M-3
N.T.S.

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PLUMBING GENERAL NOTES

1. THE ABBREVIATION "P.C." USED HEREINAFTER IN THIS GENERAL PLUMBING SPECIFICATION SHALL BE CONSTRUED TO MEAN PLUMBING CONTRACTOR ON THE MECHANICAL, ELECTRICAL AND FIRE PROTECTION DRAWINGS.
2. ALL WORK AND MATERIALS SHALL BE IN FULL ACCORDANCE WITH THE FLORIDA BUILDING CODE 2023, OSHA, AND ALL STATE AND LOCAL CODES THAT APPLY.
3. THE P.C. SHALL PAY PARTICULAR ATTENTION TO THE STATE OF FLORIDA "ENERGY EFFICIENCY CODE FOR BUILDING CONSTRUCTION". ALL WORK SHALL BE IN ACCORDANCE WITH THIS CODE, CHAPTER 5, SECTIONS 504.1, 504.2, 504.3, 504.4 AND 504.5.
4. THE P.C. SHALL TAKE OUT ALL PERMITS, PROCURE CERTIFICATES, AND PAY ALL FEES ASSOCIATED WITH HIS WORK.
5. THE DRAWINGS ARE DIAGRAMMATIC AND INTENDED TO SHOW APPROXIMATE LOCATIONS. THE P.C. SHALL NOT SCALE THE DRAWINGS.
6. THE BIDDERS SHALL VISIT THE SITE AND FAMILIARIZE THEMSELVES WITH ALL CONDITIONS ASSOCIATED WITH THE WORK.
7. IT SHALL BE THE RESPONSIBILITY OF THE P.C. FOR THE ADVANCE ORDERING OF LONG LEAD ITEMS SO AS NOT TO DELAY OTHER TRADES RESULTING IN ANY DOWN OR LAG TIME.
8. THE P.C. SHALL FURNISH ALL EQUIPMENT, LABOR, MATERIALS, AND SUPERVISION TO INSTALL A COMPLETE AND PROPERLY OPERATING PLUMBING SYSTEM AS DESCRIBED HEREIN AND AS SHOWN AND/OR NOTED ON THE DRAWINGS.
9. THE P.C. SHALL FURNISH AND INSTALL ALL MINOR ITEMS WHICH ARE OBVIOUSLY AND REASONABLY NECESSARY TO COMPLETE THE INSTALLATION WHETHER OR NOT SPECIFIED OR SHOWN ON THE PLANS.
10. THE P.C. SHALL BE A LICENSED MASTER PLUMBER.
11. WORKMANSHIP SHALL BE FIRST CLASS AS NORMALLY PERFORMED BY JOURNEYMAN PLUMBERS.
12. THE P.C. IS REFERRED TO THE ARCHITECTURAL, ELECTRICAL, AND MECHANICAL PLANS AND SPECIFICATIONS. SUCH PLANS AND SPECIFICATIONS ARE CONTRACT DOCUMENTS. VERIFY ALL REQUIREMENTS PRIOR TO INSTALLATION. ANY DISCREPANCIES IN THE DRAWINGS OR FIELD COORDINATION PROBLEMS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO COMMENCEMENT OF WORK.
13. THE P.C. SHALL EXAMINE THE SPECIFICATIONS AND THE WHOLE CONTRACT BY SECURING A COMPLETE SET OF DRAWINGS AND SPECIFICATIONS OF THE WHOLE CONTRACT.
14. THE P.C. SHALL BE RESPONSIBLE FOR THE FULL COORDINATION OF HIS WORK WITH THAT OF THE GENERAL CONTRACTOR AND OTHER SUBCONTRACTORS TO MUTUALLY AVOID CONFLICT.
15. ALL PLUMBING WORK SHALL NOT INTERFERE WITH CLEARANCES REQUIRED FOR GENERAL AND MECHANICAL CONSTRUCTION. SHOULD PLUMBING WORK BE INSTALLED WHICH INTERFERES WITH THE WORK OF THE OTHER CONTRACTORS, SUCH WORK SHALL BE CHANGED AT NO ADDITIONAL COST TO THE OWNER.
16. THE P.C. SHALL VERIFY ALL NOTES AND DIMENSIONS PRIOR TO PROCEEDING WITH BID. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER.
17. THE P.C. SHALL PROVIDE SHOP DRAWINGS FOR APPROVAL PRIOR TO PURCHASE OR INSTALLATION OF ALL EQUIPMENT CALLED FOR IN THE PLANS OR SPECIFICATIONS.
18. THE P.C. SHALL SUBMIT REQUESTS FOR SUBSTITUTIONS IN WRITING.
19. THE P.C. SHALL PROVIDE AS-BUILT DRAWINGS.
20. THE PLUMBING INSTALLATION SHALL MEET THE APPROVAL OF THE ARCHITECT/ENGINEER BEFORE ACCEPTANCE BY THE OWNER.
21. ALL WORK SHALL BE GUARANTEED FREE FROM DEFECTS FOR A PERIOD OF ONE (1) YEAR FROM DATE OF CERTIFICATE OF OCCUPANCY.
22. THE P.C. SHALL TOUCH UP OR REFINISH THE FACTORY FINISH TO ORIGINAL CONDITION OF EQUIPMENT MARRED DURING SHIPMENT OR INSTALLATION. HE IS RESPONSIBLE TO REPAIR TO ORIGINAL CONDITION FURNISHINGS CAUSED DURING PERFORMANCE OF WORK.
23. THE P.C. SHALL KEEP ALL AREAS IN WHICH WORK IS BEING PERFORMED FREE FROM DEBRIS AT ALL TIMES, AND SAID AREA SHALL BE LEFT BROOM CLEAN AT THE END OF EACH WORKING DAY.
24. AT THE COMPLETION OF THE WORK, THE P.C. SHALL REMOVE ALL RUBBISH CAUSED BY HIS WORK, AND SHALL THOROUGHLY CLEAN ALL PLUMBING EQUIPMENT.
25. THE P.C. SHALL VERIFY ALL EXISTING CONDITIONS ASSOCIATED WITH WORK AND REPORT ANY DISCREPANCIES TO ARCHITECT/ENGINEER PRIOR TO BID.
26. CONTRACTOR SHALL VERIFY ALL DIMENSIONS, SPACES AND CONDITIONS PRIOR TO FABRICATION AND INSTALLATION OF EQUIPMENT AND MATERIAL.
27. A MINIMUM OF 20" IS REQUIRED BETWEEN ANY TWO ITEMS PENETRATING THE ROOF DECK.
28. DIELECTRIC UNIONS SHALL BE PROVIDED WHEREVER DISSIMILAR METALS ARE JOINED.
29. AT ALL INSPECTIONS MADE EITHER BY A REPRESENTATIVE OF THE BUILDING DEPARTMENT OR BY THE ARCHITECT OR ENGINEER, THE P.C. SHALL PROVIDE A LADDER OF SUFFICIENT SIZE IN ORDER THAT THE INSPECTOR CAN PROPERLY LOOK AT ALL ITEMS TO BE INSPECTED. THE LADDER SHALL BE IN GOOD REPAIR AND BE POSITIONED IN PLACE BY THE P.C. TO MEET ALL OSHA REQUIREMENTS. THE P.C. SHALL ALSO PROVIDE A COMPLETE SET OF CONTRACT DOCUMENTS, AVAILABLE AT THE JOB SITE, AT THE TIME OF INSPECTION. THE CONTRACT DOCUMENTS SHALL INCLUDE:
   A. WORKING DRAWINGS
   B. SPECIFICATIONS
   C. ALL APPROVED SHOP DRAWINGS
   D. ALL ADDENDA, CHANGE ORDERS AND CORRESPONDENCE. IF A LADDER AND CONTRACT DOCUMENTS ARE NOT AVAILABLE AT THE TIME OF INSPECTION, THE P.C. SHALL PAY THE ARCHITECT OR ENGINEER FOR THE VISIT TO THE SITE AND A NEW INSPECTION TIME SHALL BE AGREED UPON.

PLUMBING PRODUCTS

1. SANITARY SEWER: PVC SCH.40
2. FIXTURE DRAINAGE ARMS: DWV COPPER.
3. WATER PIPE: CPVC
4. ALL BALL VALVES ASSOCIATED WITH WATER PIPING SHALL BE FULL PORT.
5. VENT LINES SHALL BE PVC.

VALVES NOTE

- INDIVIDUAL SHOWER AND TUB-SHOWER COMBINATION VALVES SHALL BE BALANCED-PRESSURE, THERMOSTATIC OR COMBINATION BALANCED-PRESSURE/THERMOSTATIC VALVES THAT CONFORM TO THE REQUIREMENTS OF ASSE 1016/ASME A112.1016/CSA B125.16 OR ASME A112.18.1/CSA B125.1 AND SHALL BE INSTALLED AT THE POINT OF USE. SHOWER AND TUB-SHOWER COMBINATION VALVES REQUIRED BY THIS SECTION SHALL BE EQUIPPED WITH A MEANS TO LIMIT THE MAXIMUM SETTING OF THE VALVE TO 120°F (49°C), WHICH SHALL BE FIELD ADJUSTED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS. IN-LINE THERMOSTATIC VALVES SHALL NOT BE UTILIZED FOR COMPLIANCE WITH THIS SECTION AS PER SECTION 424.3 FBC

PLUMBING SCOPE OF WORK

1. EXISTING PLUMBING FIXTURES WILL BE REMOVED & CAPPED OFF AS PER LAYOUT.
2. NEW PLUMBING FIXTURES AS PER LAYOUT
3. NEW TANK LESS WATER HEATER AS PER LAYOUT.

FPC 2020 TABLE 604.4
MAXIMUM FLOW RATES AND CONSUMPTION FOR PLUMBING FIXTURES AND FIXTURE FITTINGS

PLUMBING FIXTURE OR FIXTURE FITTING	MAXIMUM FLOW RATE OR QUANTITY
Lavatory (hand wash)	2.2 gpm at 60 psi
Water closet	1.6 gallons per flushing cycle
Shower head	2.5 gpm at 80 psi
Kitchen sink	2.2 gpm at 60 psi
ANTI SCALD VALVE REQUIRED FOR TUB/SHOWER	

PLUMBING FIXTURES SHALL COMPLY WITH THE NEW WATER CONSUMPTION RATES IN ORDINANCE 08-14 (TABLE 604.4) & FBC, PLUMBING CHAPTER 4 REFERENCE STANDARDS.

TABLE 909.1
MAXIMUM DISTANCE OF FIXTURE TRAP FROM VENT

SIZE OF TRAP "inches"	SLOPE (inch per foot)	DISTANCE FROM TRAP (feet)
1 1/4	1/4	5
1 1/2	1/4	6
2	1/4	8
3	1/8	12
4	1/8	16
ANTI SCALD VALVE REQUIRED FOR TUB/SHOWER		

NOTE :
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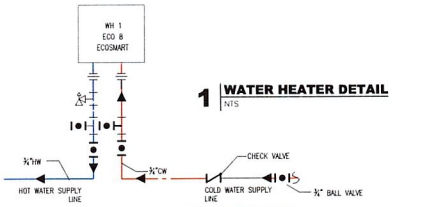
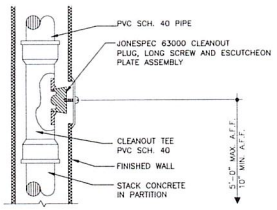
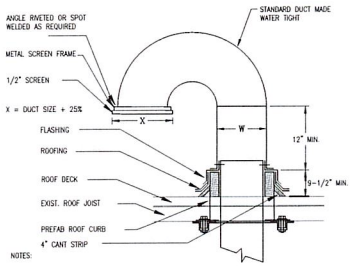


1 WATER HEATER DETAIL
NTS

Model #	ECO 8	ECO 11
Power (kW)	8	13
Voltage	240	240
Total Unit Amperage (AMPS)	33	54
Required Number of Dedicated Circuit Breakers	1 x 40 A Double Pole	1 x 60 A Double Pole
Household Electrical Service Panel Recommendations	100 AMPS	100 AMPS
Fixes	1	1
Uniform Energy Factor (UEF)	0.96	0.92
Required Wire	6 AWG*	4 AWG*
Water Connections	¾" CF	¾" CF
Element	2	3
Dimensions	11.4"H x 7.9" W x 7.3" D	11.4"H x 7.9" W x 7.3" D
Weight	4.75 lbs.	6.5 lbs.
Heat Exchanger	Stainless Steel	Stainless Steel
Operating Pressure	Minimum: 25 PSI | Maximum: 150 PSI	
Flow Activation (GPM)	0.3 GPM	



2 WALL CLEANOUT DETAIL TYP.
NTS



NOTES:
1. R = W/2
2. SEAL ALL JOINTS.
3. DEPTH OF DUCT SHALL INCREASE 6" FOR EACH ADDITIONAL 4" DIA. EXHAUST DUCT.
4. W = WIDTH OF SPECIFIED DUCT.
5. ATTACH CURB TO STEEL ANGLES & TOP CHORD STEEL JOIST W/ 3/8" CARRIAGE BOLTS AT EACH CORNER.

3 GOOSENECK DETAIL (TYP.)
N.T.S

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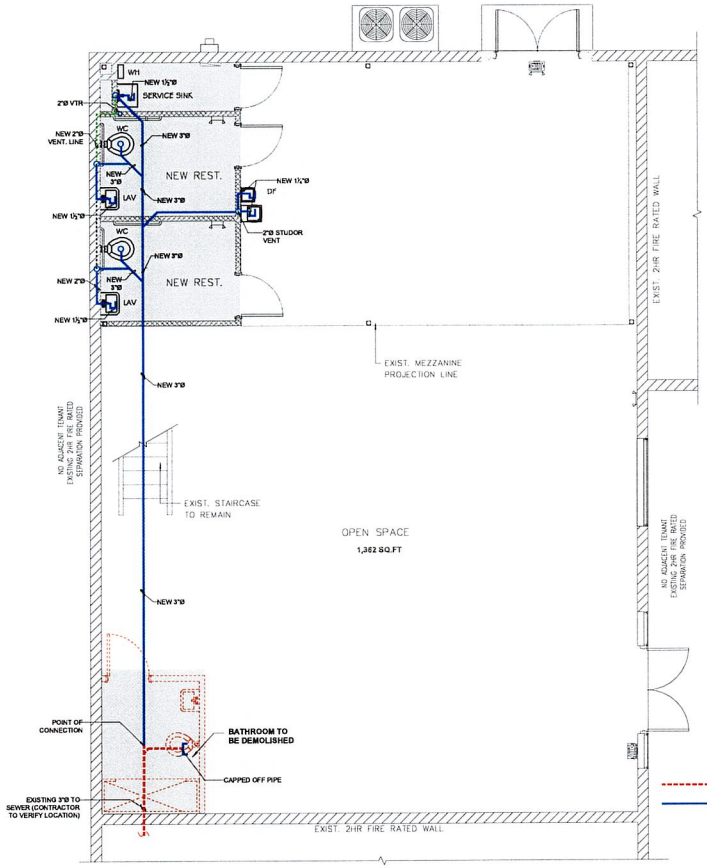

1 SANITARY FLOOR PLAN
SCALE 1/4"=1'-0"

LEGEND

- EXISTING SANITARY LINES
- PROPOSED SANITARY LINES

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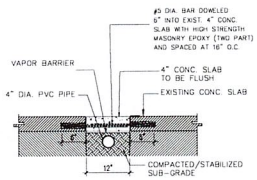
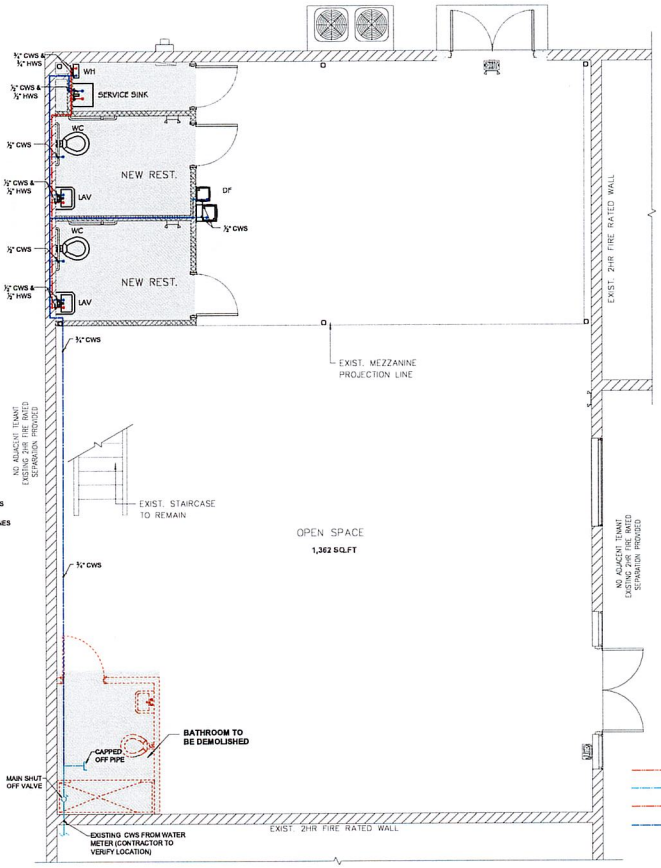


3 SLAB REPAIR DETAIL
NTS



2 DOMESTIC WATER FLOOR PLAN
SCALE 1/4"=1'-0"

HATCH LEGEND

- EXISTING BUILDING NOT IN SCOPE OF WORK
- AREA TO WORK

LEGEND

- EXISTING HOT WATER LINES
- EXISTING COLD WATER LINES
- PROPOSED HOT WATER LINES
- PROPOSED COLD WATER LINES

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SANITARY&DOMESTIC WATER FLOOR PLAN

Date 12/23/25
Project Number 25868
Sheet P-2
Scale As Shown
Drawn By HH