INTERLOCAL AGREEMENT

BETWEEN THE CITY OF LAUDERHILL AND THE CITY OF FORT LAUDERDALE FOR THE MAINTENANCE AND REPAIR OF A STORMWATER SYSTEM STARTING AT THE INTERSECTION OF KENTUCKY AVENUE WITH BROWARD BOULEVARD PROCEEDING NORTH ALONG NW 35TH AVENUE AND ENDING AT THE NEW RIVER C-12 CANAL

THIS INTERLOCAL AGREEMENT ("Agreement"), is made and entered into on this ___day of_____, 2026, by and between:

CITY OF LAUDERHILL
a municipal corporation
5581 W. Oakland Park Blvd
Lauderhill, FL 33313
(hereinafter referred to
as "LAUDERHILL")

and

CITY OF FORT
LAUDERDALE
a municipal corporation
101 NE Third Avenue, Ste. 2100
Fort Lauderdale, Florida 33301
(hereinafter referred to as
"FORT LAUDERDALE")
(collectively "the Parties")

WHEREAS, Broward County (COUNTY) constructed a regional stormwater management system that conveys stormwater from north of Davie Boulevard, east of State Road 7, west of NW 31st Avenue and south of the New River Canal C-12 (Composite EXHIBIT 1); and

WHEREAS, LAUDERHILL is required to maintain that drainage system that conveys stormwater from the intersection of Broward Boulevard with NW 35th Avenue north to the discharge point at the New River Canal C-12 per executed Agreement (EXHIBIT 2 Lauderhill Annexation Agreement, signed by COUNTY Board of Commissioners, meeting date: December 6, 2005, between COUNTY and LAUDERHILL), to implement Annexation of the St. George and West Ken Lark neighborhoods and the Swap Shop Commercial Properties into LAUDERHILL; and

WHEREAS, FORT LAUDERDALE is required to maintain a drainage system from the Melrose Park neighborhood at Kentucky Avenue, which is south of the intersection of Broward

Boulevard and NW 35th Avenue per executed Agreement (EXHIBIT 3 Fort Lauderdale Melrose Park Annexation Agreement, signed by COUNTY Board of Commissioners, meeting date: December 3, 2002, between COUNTY and FORT LAUDERDALE to implement the Annexation of the Melrose Park neighborhood into FORT LAUDERDALE); and

WHEREAS, the geographical area serviced by LAUDERHILL is directly adjacent to the geographical area serviced by FORT LAUDERDALE; and

WHEREAS, the drainage system serviced by FORT LAUDERDALE was designed to convey stormwater northward through the drainage system serviced by LAUDERHILL; and

WHEREAS, LAUDERHILL and FORT LAUDERDALE desire to establish clear roles and responsibilities to ensure proper operation and maintenance of the shared stormwater system; and

WHEREAS, both LAUDERHILL and FORT LAUDERDALE recognize that it is in the best interest of the citizens of LAUDERHILL and FORT LAUDERDALE to have in place a written agreement to prepare for and address operations during unexpected weather or other emergencies and to ensure that the residents of LAUDERHILL and FORT LAUDERDALE have a proper stormwater conveyance system; and

WHEREAS, it will be beneficial to both Parties to enter into a maintenance agreement that supplements, but does not replace the obligations of the aforementioned annexation agreements; and

WHEREAS, the Parties desire to enter into this Agreement under the authority of the Florida Interlocal Cooperation Act of 1969, Section 163.01, et al., Florida Statutes.

NOW, THEREFORE, in consideration of the mutual covenants and obligations set forth herein, the Parties expressly covenant and agree as follows:

SECTION 1.

The above recitals are true and correct and are incorporated herein.

SECTION 2. DESCRIPTION OF MAINTENANCE/RESPONSIBILITIES OF PARTIES

2.1 Both Parties agree to abide by the operation and maintenance responsibilities in accordance with and conforming to permit requirements (EXHIBIT 4) and the standards of the Florida Department of Environmental Protection (FDEP), the South Florida Water Management District (SFWMD), and all other governmental bodies having regulatory jurisdiction over such matters, all consistent with principles and practices governing the operation of existing stormwater facilities as needed, during times of normal and temporary emergency and/or crisis.

"Temporary Emergency" shall be defined as the inability of one party to adequately serve its geographical area due to an unforeseen occurrence that is temporary in nature. Examples of Temporary Emergencies include, but are not limited to, tropical storms, hurricanes, high tides and king tides events as identified by regulatory agencies such as the National Weather Service (NWS) and the Florida's Division of Emergency Management or as declared by the City Manager or Mayor of either Party. The stormwater slide gates located inside the storm control structure located at the New River Canal C-12 shall remain open unless mutually agreed to by both parties in advance of altering the position of the gates, or when altering the position of the gates is consistent with operating protocol that is provided by LAUDERHILL to FORT LAUDERDALE and LAUDERHILL provides FORT LAUDERDALE notice that the position of the gates has been altered as soon as is reasonably practicable.

2.2 Maintenance and Repair: Maintenance and repair of the drainage system that starts at the intersection of Kentucky Avenue with Auburn Boulevard at the Melrose Park neighborhood and runs north towards LAUDERHILL on Kentucky Avenue crossing Broward Boulevard, including the storm structures located at the intersection of NW 35th Avenue with NW 1st Court, and proceeding north to the discharge at the New River Canal C-12 shall be assigned as follows and consistent with Table 1:

(a) The Parties acknowledge and agree that each Party owns the stormwater infrastructure located within their City limits and in conformance with their annexation agreement.

(b) This Interlocal Agreement specifically applies to the management, operation, maintenance, and repairs of the storm assets located from the intersection of Kentucky Avenue with Auburn Boulevard in the Melrose Park neighborhood to the intersection of Broward Boulevard with NW 35th Avenue, going north along NW 35th Avenue in the City of Lauderhill, towards the intersection with NW 1st Court, and ending at the storm structure (housing the slide gates) and discharge outfall located at the New River Canal C-12 on the South Side of Sunrise Boulevard and approximately 676 feet West of NW 34 Avenue in the City of Lauderhill as listed in Table 1 below.

(c) Inspection frequency shall be in accordance with the Party's NPDES permit or as described in Table 1, whichever is more frequent.

(d) Maintenance shall be performed as indicated by inspections or consistent with applicable permit requirements, whichever is more frequent.

(e) Maintenance shall be performed consistent with Florida

Department of Environmental Protection (FDEP) Best Management Practices (BMP) or as required by each Party's National Pollutant Discharge Elimination System (NPDES) and Municipal Separate Storm Sewer System (MS4).

(f) Maintenance frequency shall be in accordance with the Party's NPDES permit or as described in Table 1, whichever is more frequent.

(g) Any temporary modification of this stormwater management system (including the operation of the slide gates) within the geographic limits previously described, north of the center line of Broward Boulevard, which may impact the original design conveyance of the system requires notification and agreement prior to modification.

(h) Any permanent modification of this stormwater management system within the geographic limits previously described, either north or south of the center line of Broward Boulevard, from the original design conveyance of the system requires mutual written agreement of the Parties prior to modification.

2.3 Easement: LAUDERHILL shall grant FORT LAUDERDALE a public drainage easement in a substantially similar form as EXHIBIT 5 for the maintenance of the stormwater assets included in the easement boundaries within thirty (30) days of the execution of this Agreement. Upon execution, said easement may be recorded in the Official Records of Broward County, Florida.

FORT LAUDERDALE agrees to be responsible for the costs attributable to FORT LAUDERDALE's required maintenance of the stormwater assets included in the easement boundaries.

FORT LAUDERDALE agrees to be responsible for the costs attributable to FORT LAUDERDALE's repair or installation of improvements of the stormwater assets included in the easement boundaries. Notwithstanding this requirement, Lauderhill shall be responsible for **the costs** of repair or for required improvements of the **stormwater asset**s if the costs **exceed $250,000 during the first five years of the ILA; exceed $300,000 during the second five years of the ILA; or exceed $350,000 thereafter**. Should FORT LAUDERDALE's duty to maintain or improve the stormwater assets in the easement boundaries require a permit, FORT LAUDERDALE will apply for and obtain a permit from the appropriate entities. Replacement costs shall be borne by LAUDERHILL for assets under its ownership.

2.4 Coordination and Reporting: Each party agrees to provide a written report to the other party documenting the maintenance performed and any alteration of the portion of the conveyance system under their control during the previous year from May 1 to April 30. The reports will be exchanged on May 15 of each year.

TABLE 1 – STORMWATER ASSETS INCLUDED IN THIS AGREEMENT (Refer to Composite Exhibit 1 for surveyed locations of stormwater assets)					
Stormwater Asset	**Owner**	**Inspection Entity**	**Inspection Frequency**	**Maintenance Entity**	**Coordination and Reporting**
Two (2) 36-inch HDPE directional bored pipes to the structures S-5 & S-5.1 on NW 35 Ave	Lauderhill (North of centerline Broward Blvd)	Fort Lauderdale	Every two (2) years	Fort Lauderdale	Annual report from Fort Lauderdale to Lauderhill
Elliptical corrugated metal pipe to weir structure S-6 on NW 35 Ave	Lauderhill	Fort Lauderdale	Every two (2) years	Fort Lauderdale	Annual report from Fort Lauderdale to Lauderhill
Two large sedimentation structures (S-5 & S-5.1) on NW 35 Ave	Lauderhill	Fort Lauderdale	Every two (2) years	Fort Lauderdale	Annual report from Fort Lauderdale to Lauderhill
Manhole leading to weir and box structure (S-6)	Lauderhill	Fort Lauderdale	Annual	Fort Lauderdale	Annual report from Fort Lauderdale to Lauderhill
Structure S-6 and box structure on eastern swale of NW 35 Ave (S-7)	Lauderhill	Fort Lauderdale	As indicated by inspection of adjacent manhole	Fort Lauderdale	Annual report from Fort Lauderdale to Lauderhill
A 5,100 foot long, 7'x7' twin reinforced concrete storm culverts, starts at control weir structure S-7 and ends at the C-12 canal	Lauderhill	Lauderhill	Annual	Lauderhill	Annual report from Lauderhill to Fort Lauderdale
Discharge structure (slide gates) on C-12 canal	Lauderhill	Lauderhill	Per applicable permit and prior to any storm events	Lauderhill	Annual report from Lauderhill to Fort Lauderdale
Headwall, outfall and retaining fence	Lauderhill	Lauderhill	Quarterly	Lauderhill	Annual report from Lauderhill to Fort Lauderdale
SFWMD Permits #06-02523-P (Exhibit 4) Application # 000222-3 for Melrose Park Storm system, and Application # 990618-10 for Lauderhill Storm System)	COUNTY	Per annexation agreement with exceptions noted here	N/A	Per annexation agreement with exceptions noted here	Joint approach to ask COUNTY to work with SFWMD and to transfer to Parties
Broward County Surface Water Management License(s)	Each party for their respective systems	Each party for their respective systems	As required by 5-year renewal	Each party for their respective systems	Between each Party and Broward County pending COUNTY delivery of As-builts as described in the annexation agreements.
Inspection of entrance intake headwall at Kentucky Ave. (south of Broward Blvd.)	Lauderhill	Fort Lauderdale	Annually	Fort Lauderdale	Annual report from Fort Lauderdale to Lauderhill

SECTION 3. **TERM OF AGREEMENT**

This Agreement shall become effective upon approval of both parties and remain in effect for thirty (30) years. The Agreement may be renewed by the parties for an additional thirty-year term if agreed to by both parties. The Agreement may be terminated in accordance with section 7, below.

SECTION 4. **COMPENSATION**

4.1 Each party is responsible for costs of maintenance of the storm assets as shown under their responsibility on Table 1 of Section 2. There is no other compensation required from either party associated with this Agreement.

4.2 In the event that the permit agency(ies) place penalty fee(s) associated with failure to maintain the stormwater system in accordance with the issued permit, both Parties will be responsible for payment of their portion of the penalty fee as determined by the regulatory agency(ies). Nothing in this section shall be construed to prevent either party from appealing a decision of a permitting agency.

SECTION 5. **WATER QUALITY**

Both Parties agree and represent to each other that their respective stormwater and environmental groups will maintain the drainage system to meet current regulations, permit conditions, and environmental standards.

SECTION 6. **INDEMNIFICATION AND INSURANCE**

6.1 LAUDERHILL agrees, to the extent allowed by law, to indemnify and hold harmless FORT LAUDERDALE and all its officers, elected or otherwise, and employees from any loss, damage, or injury to persons or property arising from LAUDERHILL's negligence or LAUDERHILL's failure to comply with all the terms and conditions of this Agreement. If a claim is litigated and names FORT LAUDERDALE as a party defendant and claims negligence on the part of a LAUDERHILL employee, FORT LAUDERDALE shall be held harmless as to all costs and expenses associated with the litigation related to that claim, including but not limited to costs, attorneys' fees, paralegal expenses, attorneys' fees on appeal, monies paid in settlement or monies paid to satisfy any judgment obtained herein. Nothing herein shall be deemed a waiver by LAUDERHILL of its immunities provided by law, including those set forth in Section 768.28, Florida Statutes.

6.2 FORT LAUDERDALE agrees, to the extent allowed by law, to indemnify and hold harmless LAUDERHILL and all its officers, elected or otherwise, and employees from any loss, damage, or injury to persons or property arising from FORT LAUDERDALE's negligence or FORT LAUDERDALE's failure to comply with all the terms and conditions of this Agreement. If a claim is litigated and names LAUDERHILL as a party defendant and claims negligence on the

part of a FORT LAUDERDALE employee, LAUDERHILL shall be held harmless as to all costs and expenses associated with the litigation, related to that claim, including but not limited to, costs, attorneys' fees, paralegal expenses, attorneys' fees on appeal, monies paid in settlement or monies paid to satisfy any judgment obtained herein. Nothing herein shall be deemed a waiver by FORT LAUDERDALE of its immunities provided by law, including those set forth in Section 768.28, Florida Statutes.

6.3 The Parties shall each individually maintain throughout the term of this Agreement any and all applicable insurance coverage required by Florida law for governmental entities. Nothing herein is intended to serve as a waiver by either Party of sovereign immunity or of Section 768.28, Florida Statutes. Nothing herein shall be construed as consent by either governmental entity to be sued by third parties in any matter arising out of this Agreement.

SECTION 7. TERMINATION

7.1 Termination for Cause – The City Manager of the aggrieved party may terminate this Agreement for cause if the party in breach has not corrected the breach within thirty (30) days after written notice from the aggrieved party identifying the breach. If termination for cause is found reasonably necessary to immediately protect the public health or safety, the aggrieved party may immediately terminate by notice of the City Manager of the aggrieved party. The Parties agree that if a party erroneously, improperly or unjustifiably terminates for cause, such termination shall be deemed a termination for convenience, which shall be effective sixty (60) days after such notice of termination for cause is provided.

7.2 Termination for Convenience – The Parties reserve the right to cancel this Agreement for convenience by giving written notice to the other party with at least sixty (60) days' notice prior to the effective date of such cancellation.

7.3 Release of Public Drainage_Easement - Upon either termination for cause or convenience, FORT LAUDERDALE shall release the public drainage easement within thirty (30) days of notice from LAUDERHILL to release said easement. This provision shall survive termination.

SECTION 8. COMPLIANCE WITH LAWS

FORT LAUDERDALE and LAUDERHILL shall comply with all statutes, laws, ordinances, rules, regulations and lawful orders of the United States of America, State of Florida and of any other public authority which may be applicable.

SECTION 9. GOVERNING LAW, VENUE AND WAIVER OF JURY TRIAL

The validity, construction and effect of this Agreement shall be governed by the laws of the State of Florida. Venue for any action to enforce the terms of this Agreement shall be brought in the Circuit Court of the Seventeenth Judicial Circuit, in and for Broward County, Florida. BOTH PARTIES EXPRESSLY HEREIN WAIVE A TRIAL BY JURY ON ALL ISSUES SO TRIABLE UNDER THIS AGREEMENT.

SECTION 10. **ENTIRE AGREEMENT**

This Agreement contains the entire understanding of the Parties relating to the subject matter hereof superseding all prior communications between the Parties whether oral or written, and this Agreement may not be altered, amended, modified or otherwise changed nor may any of the terms hereof be waived, except by a written instrument executed by both Parties. The failure of a Party to seek redress for violation of or to insist on strict performance of any of the covenants of this Agreement shall not be construed as a waiver or relinquishment for the future of any covenant, term, condition or election but the same shall continue and remain in full force and effect.

SECTION 11. **PERMIT COOPERATION CLAUSE**

Both parties agree to cooperate in good faith and take all necessary actions to assist each other in obtaining any and all permits, approvals, or authorizations required from any federal, state, or local regulatory authorities to effectuate this Agreement concerning the shared stormwater infrastructure maintenance. Each party shall promptly provide all documentation, information, and reasonable assistance required to facilitate the permitting process and ensure compliance with all applicable laws and regulations

SECTION 12. **SEVERABILITY**

Should any part, term or provision of this Agreement be determined by the courts to be illegal or in conflict with any law of the State, the validity of the remaining portions or provisions shall not be affected thereby.

SECTION 13. **NOTICES**

13.1 All notices and other communications required or permitted under this Agreement shall be in writing and given by hand delivery, registered or certified mail, return receipt requested; overnight courier, or mail to:

LAUDERHILL: Public Works Director
2101 NW 49 Avenue
Lauderhill, FL 33313
Telephone: 954-730-2960

With copies to City Manager
5581 W. Oakland Park Blvd.
Lauderhill, FL 33313

City Attorney
5581 W. Oakland Park Blvd.
Lauderhill, FL 33313

and

FORT LAUDERDALE: Public Works Director
101 NE Third Ave, Ste 2100
Fort Lauderdale, FL 33301
Telephone: 954-828-5806

With copies to City Manager
101 NE Third Avenue, Ste. 2100
Fort Lauderdale, FL 33301

City Attorney
1 East Broward Blvd., Ste. 1320
Fort Lauderdale, FL 33301

or to such other address as either Party may designate by notice complying with the terms of this Section. Each such notice shall be deemed delivered:

(a) on the date delivered if by personal delivery or overnight courier,

(b) on the date upon which the return receipt is signed or delivery is refused or the notice is designated by the postal authorities as not deliverable, as the case may be, if mailed; and

(c) on the date of transmission with confirmed read receipt if by email.

IN WITNESS WHEREOF, LAUDERHILL and FORT LAUDERDALE have caused these presents to be executed in their respective names, by the proper officials, the day and year first above written.

CITY OF LAUDERHILL

By: _____
Denise D. Grant, Mayor

By: _____
Kennie Hobbs, Jr. City Manager

Attest:

By: _____
Andrea M. Anderson, MMC
City Clerk

Approved As To Form:

By: _____
Hans Ottinot
City Attorney

ATTEST:

By:_____
David R. Soloman, City Clerk

CITY OF FORT LAUDERDALE

By:_____
Dean J. Trantalis, Mayor

By:_____
Rickelle Williams, City Manager

Approved as to form and correctness:
Shari L. McCartney, City Attorney

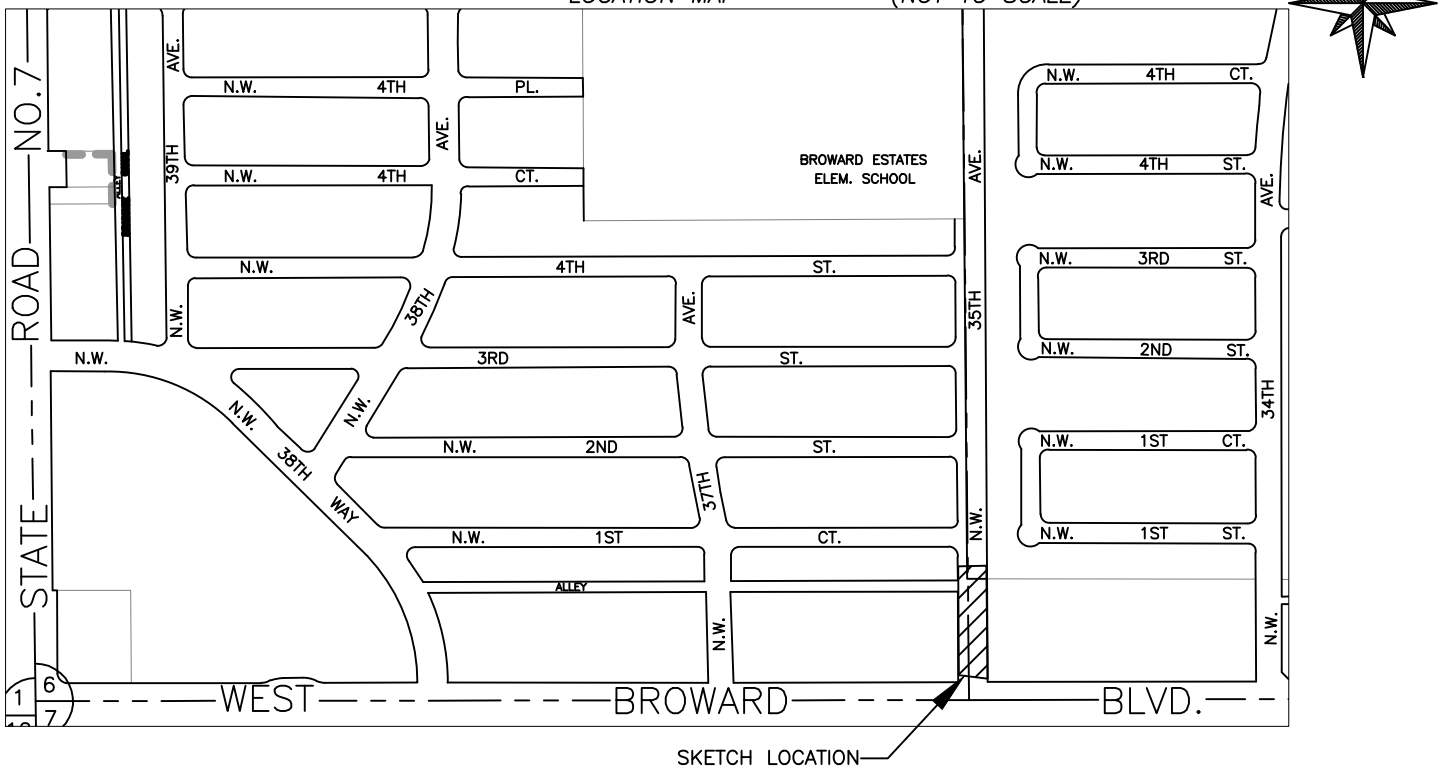
By:_____
Eric W. Abend
Senior Assistant City Attorney

Composite EXHIBIT 1
Locations of stormwater assets

SKETCH AND DESCRIPTION

THIS IS NOT A SURVEY

LOCATION MAP *(NOT TO SCALE)*



DESCRIPTION: 50.00 FOOT WIDE DRAINAGE EASEMENT

A STRIP OF LAND BEING A PORTION OF THE SOUTH HALF OF SECTION 6, TOWNSHIP 50 SOUTH, RANGE 42 EAST AND BEING A PORTION OF NW 35 AVENUE RIGHT OF WAY. SAID STRIP BEING AN EASEMENT FOR DRAINAGE PURPOSES 50.00 FEET WIDE LYING 25.00 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED LINE:

COMMENCING AT THE SOUTHEAST QUARTER (SE ¼) CORNER OF THE SOUTHWEST QUARTER (SW ¼) OF SAID SECTION 6; THENCE NORTHERLY COINCIDENT WITH THE EAST LINE OF SAID SOUTHWEST QUARTER A DISTANCE OF 62.43 FEET TO THE NORTHERLY MAINTAINED RIGHT OF WAY LINE OF EAST BROWARD BOULEVARD DETERMINED BY FDOT MAINTENANCE MAP SECTION 86006–MAINT.(2), SHEET 3 OF 8, RECORDED IN INSTRUMENT NUMBER 118312353, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA AND BEING THE POINT OF BEGINNING; THENCE CONTINUING NORTHERLY COINCIDENT WITH SAID EAST LINE A DISTANCE OF 300.58 FEET TO THE POINT OF TERMINATION. THE SIDELINES OF SAID CENTERLINE TO BE EXTENDED OR SHORTENED TO MEET AT ANGLE POINTS.

ALL SAID LANDS LYING AND BEING IN THE CITY OF LAUDERHILL, BROWARD COUNTY, FLORIDA. CONTAINING 15,030 SQUARE FEET MORE OR LESS.

NOTES:

1)BEARINGS ARE BASED UPON A GRID BEARING OF N 02°25'58" W ALONG THE EAST LINE OF THE SW ¼ OF SAID SECTION 6.
2)THIS IS NOT A SKETCH OF SURVEY AND DOES NOT REPRESENT A FIELD SURVEY.
3)SUBJECT TO EXISTING EASEMENTS, RIGHT–OF WAYS, COVENANTS, RESERVATIONS AND RESTRICTIONS OF RECORD, IF ANY
4)THIS SKETCH IS NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER
5)THIS DOCUMENT CONSISTS OF 2 PAGES AND IS NOT VALID OR COMPLETE WITHOUT ALL PAGES.

I HEREBY CERTIFY THAT THE HEREIN SKETCH AND DESCRIPTION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, PREPARED UNDER MY RESPONSIBLE CHARGE IN ACCORDANCE WITH THE STANDARDS OF PRACTICE IN CHAPTER 5J–17, FLORIDA ADMINISTRATIVE CODES, PURSUANT TO SECTION 472.027.

SHEET 1 OF 2

DATED: OCTOBER 10th, 2025

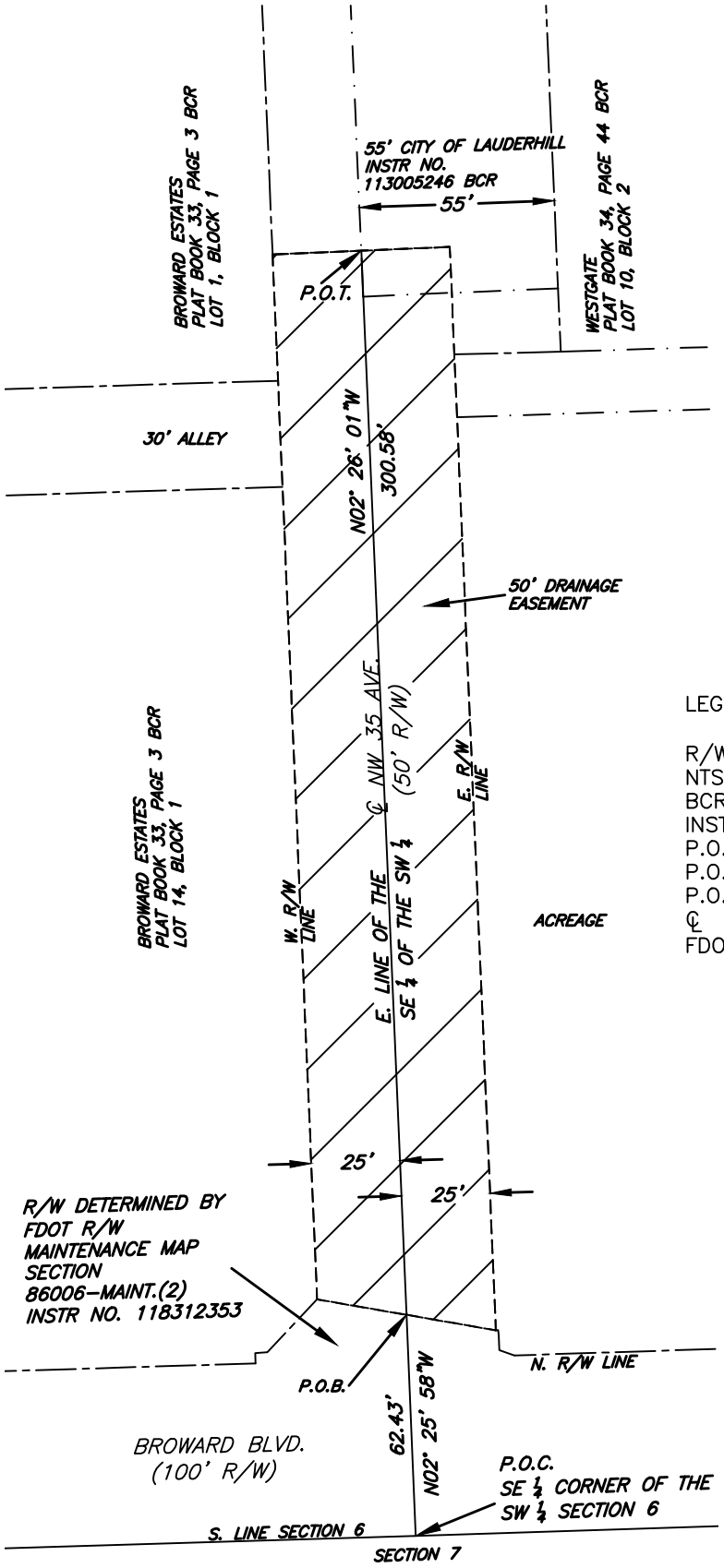
MICHAEL W. DONALDSON _____
PROFESSIONAL SURVEYOR AND MAPPER NO. 6490
STATE OF FLORIDA

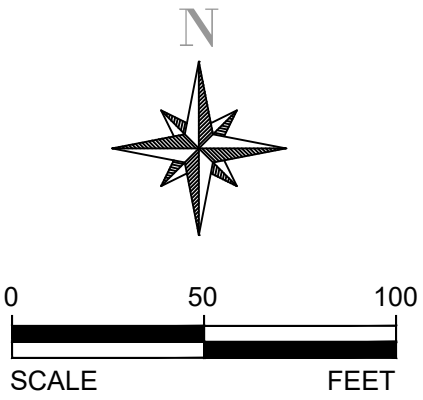
CITY OF FORT LAUDERDALE		
EXHIBIT 1 50' DRAINAGE EASEMENT NW 35 AVE.		
BY: M.D.	ENGINEERING DIVISION	DATE: 10/10/25
CHK'D M.D.		SCALE: NTS

CAM # 26-0028
Exhibit 1

SKETCH AND DESCRIPTION

THIS IS NOT A SURVEY



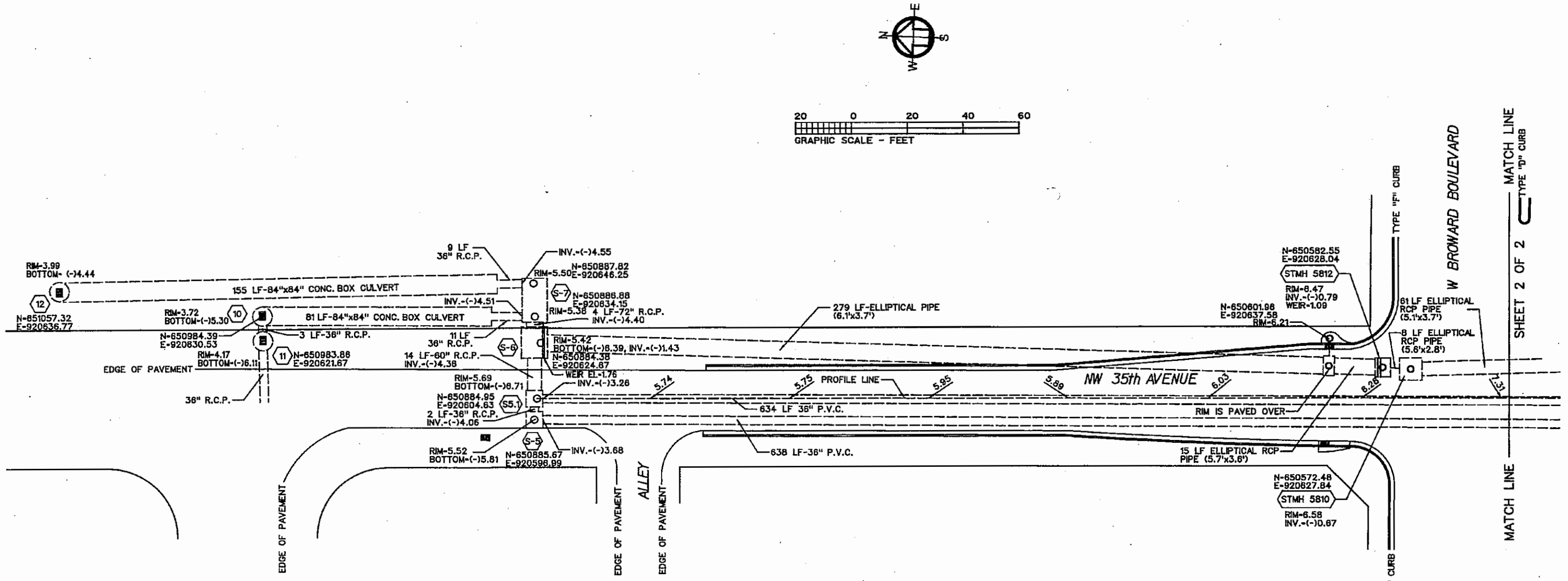


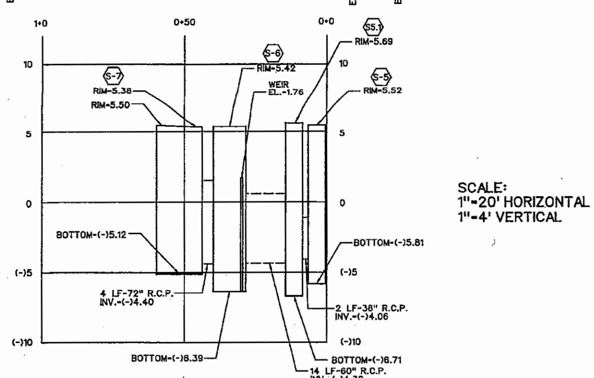
LEGEND:

R/W	RIGHT OF WAY
NTS	NOT TO SCALE
BCR	BROWARD COUNTY RECORDS
INSTR NO.	BROWARD COUNTY RECORDS
P.O.B.	POINT OF BEGINNING
P.O.C.	POINT OF COMMENCEMENT
P.O.T.	POINT OF TERMINATION
℄	CENTERLINE
FDOT	FLORIDA DEPARTMENT OF TRANSPORTATION

SHEET 2 OF 2

CITY OF FORT LAUDERDALE		
EXHIBIT 1 50' DRAINAGE EASEMENT NW 35 AVE.		
BY: M.D.	ENGINEERING DIVISION	DATE: 10/10/25
CHK'D M.D.		SCALE: 1"=50'





ABBREVIATIONS:

E. = EAST
EL. = ELEVATION
INV. = INVERT
L.F. = LINEAR FEET
N = NORTH
P.V.C. = POLY VINYL CHLORIDE
R.C.P. = REINFORCED CONCRETE PIPE

SCALE:
1"=20' HORIZONTAL
1"=4' VERTICAL

CONSTRUCTION PLANS:

FLORIDA DEPARTMENT OF TRANSPORTATION
DISTRICT 3, PROJECT NUMBER: 86006-3505
REVISED TO: 5-27-76

CRAVEN THOMPSON AND ASSOCIATES
PROJECT NUMBER: 95-0065
PERMIT NUMBER: 010323001
REVISED TO: 5-27-76

NOT A BOUNDARY SURVEY

NOTES:

1. REPRODUCTIONS OF THIS SURVEY ARE NOT VALID UNLESS SEALED BY THE SIGNING SURVEYOR.
2. THIS DRAWING IS THE PROPERTY OF VIC-SCOTT LAND SURVEYING & MAPPING, AND SHALL NOT BE USED OR REPRODUCED IN WHOLE OR IN PART WITHOUT PERMISSION OF VIC-SCOTT LAND SURVEYING & MAPPING.
3. THE LANDS SHOWN HEREON WERE NOT REVIEWED FOR RIGHTS-OF-WAY, EASEMENTS, OR OTHER SIMILAR MATTERS OF RECORD. HORIZONTAL DATA RELATIVE TO NORTH AMERICAN DATUM OF 1983 (NAD'83), FLORIDA STATE PLANE, EAST ZONE.
4. LEGAL DESCRIPTION FURNISHED BY CLIENT.
5. THIS SURVEY DOES NOT PURPORT TO IDENTIFY IMPROVEMENTS BELOW GRADE, IF ANY, EXCEPT AS SPECIFICALLY NOTED HEREON.
6. ELEVATION DATUM BASED ON REAL TIME KINEMATIC NETWORK "L-NET" AND ARE CERTIFIED TO ACCURACY LESS THAN 0.10' (JANUARY 28,2009). SERIES OF LOCATION SESSIONS AT A NAIL AND DISK FOUND ON SIDEWALK ON THE WEST SIDE OF KENTUCKY AVENUE AT AUBURN BOULEVARD, N-650218.64 E-920597.90,YIELDING AN ELEVATION OF 8.57 (BENCH MARK). ELEVATIONS SHOWN IN THIS SURVEY ARE IN FEET AND DECIMALS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

LEGEND:

○	SET 5/8 " IR & CAP (LB 6893)	○	MANHOLE (SANITARY)
△	NAIL & TAB	○	MANHOLE (STORM)
●	PCP	▥	CATCH BASIN
◎	PRM	○	ELECTRIC SERVICE
11.5	ELEVATION	■	TELEPHONE JUNCTION BOX
	FIRE HYDRANT	□	WATER METER
℄	CENTERLINE	■	CABLE TV BOX
	LIGHT POLES		UTILITY POLE
	GATE VALVE		

AS-BUILT SURVEY
SCALE: 1"=20'

SURVEYOR'S CERTIFICATION:
I HEREBY CERTIFY THAT THE SURVEY SHOWN HEREON COMPLIES WITH THE STANDARDS OF PRACTICE FOR SURVEYS AS CONTAINED IN CHAPTER 5J-17, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES, AND THAT OUR SURVEY IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SCOTT A. GUZZI, PSM
PROFESSIONAL SURVEYOR AND MAPPER
FLORIDA REGISTRATION NUMBER 5108

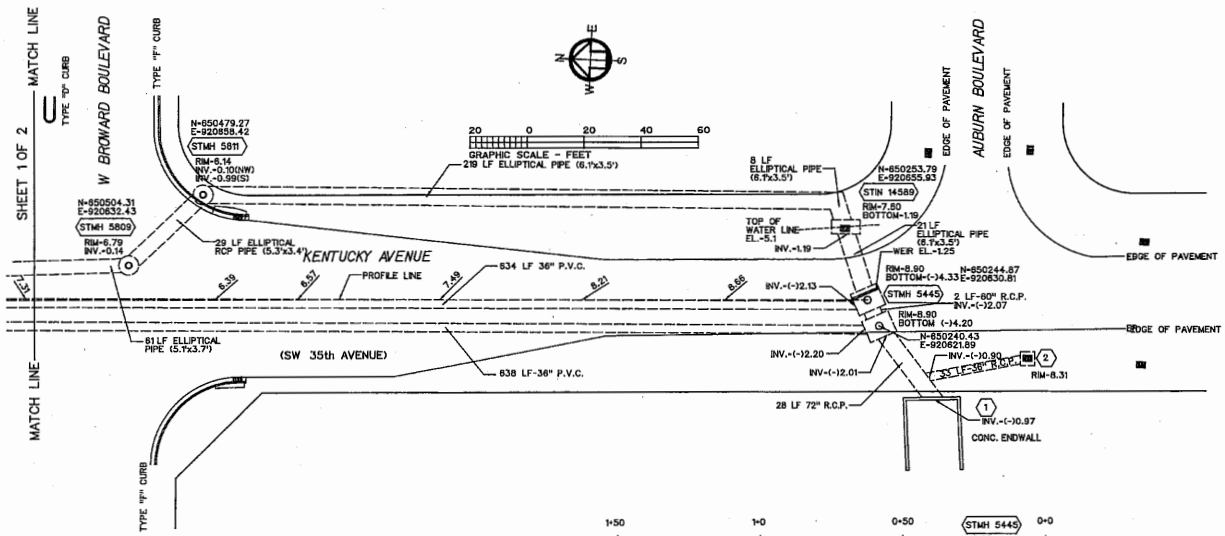
SCOTT A. GUZZI
Digitally signed by SCOTT A. GUZZI
Date: 2021.10.26 06:17:30 -04'00'

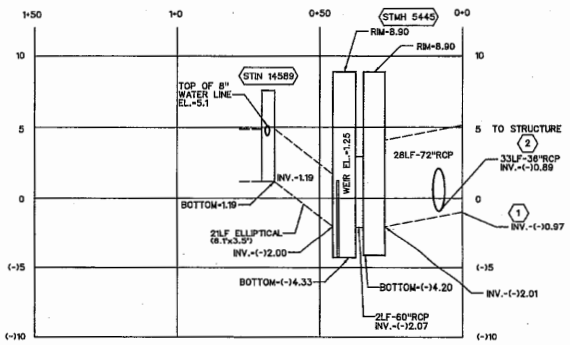
VIC-SCOTT LAND SURVEYING & MAPPING
IT'S GOOD!

MELROSE PARK

CLIENT: RADER ENVIRONMENTAL | SCALE: 1"=20' | DATE: 5-4-21

PROJECT NO. 2516
SHEET NO. 1 OF 4





SCALE:
1"=20' HORIZONTAL
1"=4' VERTICAL

ABBREVIATIONS:

E. - EAST
ELV. - ELEVATION
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L.F. - LINEAR FEET
N - NORTH
P.V.C. - POLY. VINYL CHLORIDE
R.C.P. - REINFORCED CONCRETE PIPE

LEGEND:

- SET 5/8" IR & CAP (LB 6893)
- NAIL & TAB
- PCP
- PRM
- ELEVATION
- FIRE HYDRANT
- CENTERLINE
- LIGHT POLES
- GATE VALVE
- MANHOLE (SANITARY)
- MANHOLE (STORM)
- CATCH BASIN
- ELECTRIC SERVICE
- TELEPHONE JUNCTION BOX
- WATER METER
- CABLE TV BOX
- UTILITY POLE

CONSTRUCTION PLANS:

FLORIDA DEPARTMENT OF TRANSPORTATION
DISTRICT 3, PROJECT NUMBER: 86008-3505
REVISED TO: 5-27-76

CRAVEN THOMPSON AND ASSOCIATES
PROJECT NUMBER: 95-0065
PERMIT NUMBER: 010323001
REVISED TO: 5-27-76

NOT A BOUNDARY SURVEY

NOTES:

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3. THE LANDS SHOWN HEREON WERE NOT REVIEWED FOR RIGHTS-OF-WAY, EASEMENTS, OR OTHER SIMILAR MATTERS OF RECORD. HORIZONTAL DATA RELATIVE TO NORTH AMERICAN DATUM OF 1983 (NAD83), FLORIDA STATE PLANE, EAST ZONE.
4. LEGAL DESCRIPTION FURNISHED BY CLIENT.
5. THIS SURVEY DOES NOT PURPORT TO IDENTIFY IMPROVEMENTS BELOW GRADE, IF ANY, EXCEPT AS SPECIFICALLY NOTED HEREON.
6. ELEVATION DATUM BASED ON REAL TIME KINEMATIC NETWORK "L-NET" AND ARE CERTIFIED TO ACCURACY LESS THAN 0.10' (JANUARY 28,2009) SERIES OF LOCATION SESSIONS AT A NAIL AND DISK FOUND ON SIDEWALK ON THE WEST SIDE OF KENTUCKY AVENUE AT AUBURN BOULEVARD, N=850235.84 E=920597.90,YIELDING AN ELEVATION OF 8.57; ELEVATIONS SHOWN IN THIS SURVEY ARE IN FEET AND DECIMALS REFERENCED TO THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).

SCOTT A. GUZZI

Digitally signed by SCOTT A. GUZZI
Date: 2021.10.26 06:18:01 -04'00'

AS-BUILT SURVEY
SCALE: 1"=20'

SURVEYOR'S CERTIFICATION:
I HEREBY CERTIFY THAT THE SURVEY SHOWN HEREON MEETS WITH THE STANDARDS OF PRACTICE FOR SURVEYS AS CONTAINED IN CHAPTER [illegible] ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES, AND THAT SAID SURVEY IS TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SCOTT A. GUZZI PSM
PROFESSIONAL SURVEYOR AND MAPPER
FLORIDA REGISTRATION NUMBER 5108

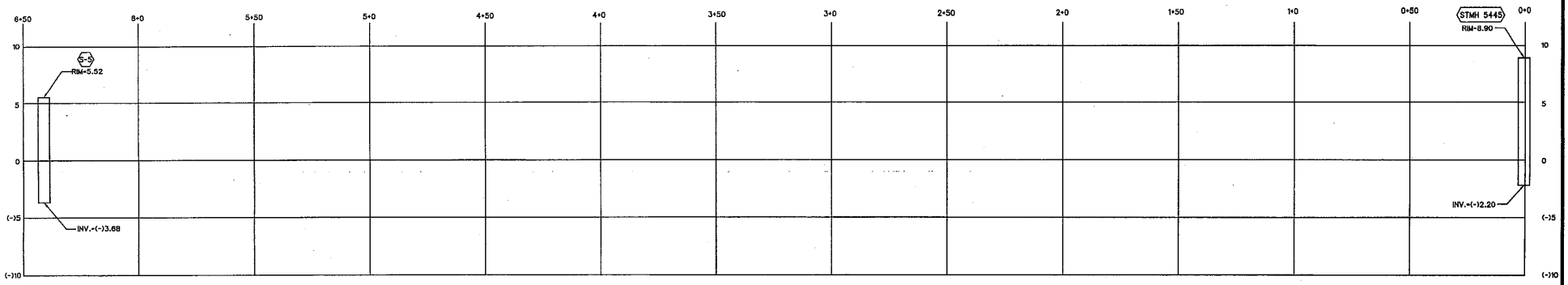
CHECKED	BY	DATE	FB/PG	ADDENDUM

VIC-SCOTT LAND SURVEYING & MAPPING
IT'S GOOD!
Certificate of Authorization No. LB 6893
8042 Kimberly Boulevard, Suite 7
North Lauderdale, FL 33068
Ph: (954) 723-8300
www.vicscottmail.com

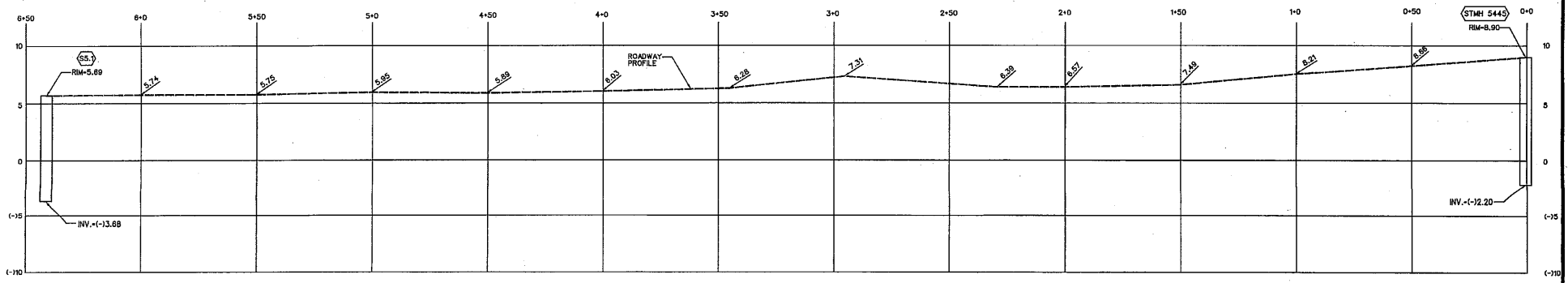
MELROSE PARK
DRAINAGE DITCHES

CLIENT: RADER ENVIRONMENTAL
SCALE: 1"=20'
DATE: 5-4-21
DESIGNED BY:
SURVEYED BY:
DRAWN BY: CJM
FIELD BOOK NO.
CHECKED BY: SAG
PARK NO.

PROJECT NO. 2516
SHEET NO. 2 OF 4



SCALE:
1"=20' HORIZONTAL
1"=4' VERTICAL



CONSTRUCTION PLANS:

FLORIDA DEPARTMENT OF TRANSPORTATION
DISTRICT 3, PROJECT NUMBER: 86008-3505
REVISED TO: 5-27-76

CRAVEN THOMPSON AND ASSOCIATES
PROJECT NUMBER: 85-0065
PERMIT NUMBER: 01032300]
REVISED TO: 5-27-76

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SCALE:
1"=20' HORIZONTAL
1"=4' VERTICAL

ABBREVIATIONS:

E. = EAST
EL. = ELEVATION
INV. = INVERT
L.F. = LINEAR FEET
N = NORTH
P.V.C. = POLY VINYL CHLORIDE
R.C.P. = REINFORCED CONCRETE PIPE

NOT A BOUNDARY SURVEY

AS-BUILT SURVEY

SURVEYOR'S CERTIFICATION:
I HEREBY CERTIFY THAT THE SURVEY SHOWN HEREON COMPLIES WITH THE STANDARDS OF PRACTICE FOR SURVEYING AS CONTAINED IN CHAPTER 61G17-6, FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027, FLORIDA STATUTES, AND THAT IT IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

SCOTT A. GUZZI, PSM
PROFESSIONAL SURVEYOR AND MAPPER
FLORIDA REGISTRATION NUMBER: 5105

Digitally signed by SCOTT A. GUZZI
Date: 2021.10.26 06:18:38 -04'00'

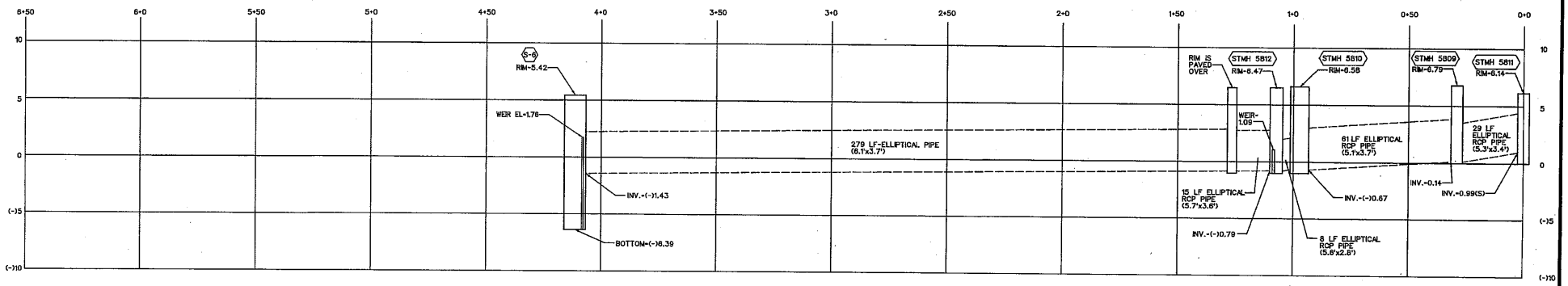
MELROSE PARK

CLIENT: RADER ENVIRONMENTAL			
SCALE: AS SHOWN	DESIGNED BY:	DRAWN BY: CAM	CHECKED BY: SAG
DATE: 5-4-21	SPRVSD BY:	FIELD BOOK NO.	PAGE NO.

VIC-SCOTT LAND SURVEYING & MAPPING
IT'S GOOD!
Certificate of Authorization No. L.B. 6883
6047 Kimberly Boulevard, Suite T
North Lauderdale, FL 33068
Ph: (954) 722-8500
scottguzzi@aol.com

ADDENDUM	FB/PG	DATE	BY	CHECKED

PROJECT NO. 2516
SHEET 4 OF 4



SCALE:
1"=20' HORIZONTAL
1"=4' VERTICAL

CONSTRUCTION PLANS:

FLORIDA DEPARTMENT OF TRANSPORTATION
DISTRICT 3, PROJECT NUMBER: 86006-3505
REVISED TO: 5-27-76

CRAVEN THOMPSON AND ASSOCIATES
PROJECT NUMBER 95-0065
PERMIT NUMBER: 01032001
REVISED TO: 5-27-76

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ABBREVIATIONS:

E. - EAST
EL. - ELEVATION
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N. - NORTH
P.V.C. - POLY VINYL CHLORIDE
R.C.P. - REINFORCED CONCRETE PIPE

NOT A BOUNDARY SURVEY

AS-BUILT SURVEY

SURVEYOR'S CERTIFICATION:
I HEREBY CERTIFY THAT THE SURVEY SHOWN HEREON COMPLIES WITH THE STANDARDS OF PRACTICE FOR SURVEYING AS CONTAINED IN CHAPTER 5J-17 FLORIDA ADMINISTRATIVE CODE, PURSUANT TO SECTION 472.027 FLORIDA STATUTES. SUBJECT TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.

SCOTT A. GUZZI PSM
PROFESSIONAL SURVEYOR AND MAPPER
FLORIDA REGISTRATION NUMBER 5105

SCOTT A. GUZZI
Digitally signed by SCOTT A. GUZZI
Date: 2021.10.26 06:19:07 -04'00'

MELROSE PARK			
CLIENT: RADER ENVIRONMENTAL			
SCALE: AS SHOWN	DESIGNED BY:	DRAWN BY: CAM	CHECKED BY: SAG
DATE: 5-4-21	SPRVSD BY:	FIELD BOOK NO.	PAGE NO.

VIC-SCOTT LAND SURVEYING & MAPPING
IT'S GOOD!
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6047 Kimberly Boulevard, Suite T
North Lauderdale, FL 33068
Ph: (954) 722-5500
scottguzzi@aol.com

ADDENDUM	FB/PG	DATE	BY	CHECKED

PROJECT NO. 2516
SHEET NO. 4 OF 4

EXHIBIT 2
Lauderhill Annexation Agreement

BROWARD COUNTY FLORIDA

AGENDA ITEM #45

Meeting Date
12/6/05

Requested Action

(Identify appropriate Action or Motion, Authority or Requirement for Item and identify the outcome and/or purpose of item.)

MOTION TO APPROVE an interlocal agreement between Broward County and the City of Lauderhill to implement the annexation of West Ken Lark, St. George and the Swap Shop Commercial Properties into the City.

MOTION TO ADOPT a budget resolution within the unincorporated capital fund (3420) in the amount of $120,000 to provide funds for replacement of the fence in West Ken Lark Park.

Why Action is Necessary: Agreements require County Commission approval.

What Action Accomplishes: The agreement includes provisions to ensure a smooth transition of several unincorporated areas into the City.

Is this Action Goal Related? ☐ Yes ☒ No

Summary Explanation/Background

(The first sentence includes the Agency recommendation. Provide an executive summary of the action that gives an overview of the relevant details for the item. Identify how item meets Commission Challenge Goal.)

The agreement provides for the transition of municipal-level services from the County to the City for the neighborhoods of West Ken Lark, St. George and the Swap Shop Commercial properties. The major provisions of the agreement include:

- Transfer of municipal-level services on October 1, 2005, with the exception of garbage collection which will transfer on January 1, 2006.
- Transfer of responsibility for roads, rights of ways and storm sewers within the annexed area.
- County will remit a per capita share of State Shared Revenues to City until State adjusts funding formulas to enable the City to receive the funds directly.
- County will pay $42,000 to City based on the neighborhoods' per capita share of SHIP funds.
- Completion of the neighborhood improvement projects in West Ken Lark and St George.
- County will work toward contracting with City for fire rescue services in the remaining neighborhoods served by fire station 14 and if successful will work toward transferring the fire station to the City.
- Transfer of St George and West Ken Lark Parks and associated parks equipment to the City.
- County will provide up to $628,000 to construct previously planned capital projects including a new restroom and basketball court cover in St. George Park and to replace the fence at West Ken Lark Park.

Authorized Signature (Signature confirms that required approvals from other agencies have been received – e.g. Purchasing, Budget, Risk Mgmt, Attorney)			Scheduling County Admin initials
Signature: Kayla Olsen / KAY	Date: 11/23/05	Type: Name, Title, Agency, and Phone KAYLA OLSEN, DIRECTOR Office of Management and Budget (954-357-6345)	
Source of additional information: Type Name, Agency, and Phone			

Form 107-1-A Revised 12/09/03 - G:\CLERICAL\AGNRPTS\Lauderhill Annexation Agreement.DOC

- County agrees that the issue of provision of water and sewer services is outstanding and will be the subject of further discussions.
- County agrees to provide City with a community shuttle bus. The language drafted by the City requesting the bus does not provide for the County to fund the cost to operate the bus. However, the Mayor of Lauderhill requested funds for community bus service for the annexed neighborhoods in the attached August 10th letter to the County Mayor. Since then, Mass Transit staff has been working with our own transit vendor and the City to re-design an existing service to establish a community bus route within the annexed neighborhoods and adjacent unincorporated and incorporated areas until the end of the existing contract in June, 2008. The letter to the City describing the County's efforts and the City's letter of concurrence with the County's approach is attached. An amendment to the existing transit contract to implement the new route will be placed on the County Commission agenda for approval by the end of January.

Fiscal Impact/Cost Summary (Include projected cost, approved budget amount and account number, source of funds, and any future funding requirements.)

The impact of the annexation on unincorporated revenues and appropriations is incorporated into the recommended FY 2006 budget. Funding for the capital projects is included in the capital budget or provided for in the attached budget resolution.

Exhibits Attached (copies of original agreements) (Please number exhibits consecutively.)

Exhibit 1 – Agreements
Exhibit 2 – Budget Resolution
Exhibit 3 – Letter from City's Mayor to County Mayor Requesting Community Bus Route Funding
Exhibit 4 – Letter from Interim County Administrator to City Manager Requesting Concurrence with County's proposal for community bus route
Exhibit 5 – Letter from City Manager to Interim County Administrator concurring with County's proposal

Document Control	Commission Action
1 (Number) Executed original(s) for permanent record	☒ APPROVED ☐ DENIED
3 (Number) Executed copies return to: Marci Gelman, Assistant Director, Office of Management and Budget Room 404 – 954-357-6354	☐ DEFERRED
Other instructions (Include name, agency, and phone)	From:
11/8/05	To:

EXHIBIT 3

City of Lauderhill

August 10, 2005

The Honorable County Mayor
Kristin D. Jacobs
Broward County Governmental Center
115 S. Andrews Ave.
Ft. Lauderdale, FL 33301

Dear Mayor:

I am seeking your help on receiving funds to launch a Community Shuttle Bus in the unincorporated area that is being annexed into the City of Lauderhill. That area being West Ken Lark, the Swap Shop, St. George and Broward Estates (anticipated).

When funds were made available for these Community Shuttle Buses a few years ago, through the extra penny on the gas tax, I repeatedly pointed out that no one at the meetings applied for funds for the unincorporated areas. They went unrepresented throughout the process, and never had a chance to receive any of this funding. As you would well know, these areas would be in the most need for this type of service. The money ultimately went only to cities, with the county providing $20/hour. At this time there are no more funds to add to the system, putting the area most in need to be again the most lacking in services.

Since the City of Lauderhill is annexing these areas, we are willing to provide the funding above the county's share, as we have done on our other routes. All of our present routes greatly exceed the 5 passenger/hour requirement and significantly supplemented BCT ridership. We would expect the same from this new Shuttle Bus.

What we would ask through your budgeting process is for extra funds for the Community Shuttle Bus Committee, of which I am Vice-Chair, specifically for this new route, at the $20/hour rate. Please contact me for any further information.

With Warmest Regards,

Richard J. Kaplan
Mayor, City of Lauderhill

Cc: Chuck Faranda, City Manager
Cc: Preston Henn, Swap Shop
Cc: Mae Smith, President of the St. George Civic Association
Cc: James Bradley, Jr., President of the West Ken Lark Homeowners Association
Cc: Jacob Green, President of Broward Estates Homeowners Association
Cc: Irv Minney, Community Transit Officer, Community Shuttle Bus Committee

"Celebrating 40 Years of Excellence"

2000 City Hall Drive • Lauderhill, Florida 33313 • (954) 730-3010 • Fax (954) 730-3062

BERTHA HENRY, Interim County Administrator
115 S. Andrews Avenue, Room 409 • Fort Lauderdale, Florida 33301 • 954-357-7350 • FAX 954-357-7360

November 14, 2005

Mr. Charles "Chuck" Faranda
City Manager
City of Lauderhill
2000 City Hall Drive
Lauderhill, FL 33313

Dear Chuck,

This letter is intended to update you on the community shuttle issues raised by Mayor Kaplan in his August 10, 2005 letter to Mayor Jacobs and to address the language added to the annexation agreement sent to the County for approval. As you know, the City Commission added the following provision to the annexation agreement sent by the County:

"COUNTY shall provide the CITY with one (1) additional shuttle bus at no cost to the CITY for use in the West Ken Lark and St. George areas."

The County is prepared to transfer ownership of one mini-bus to the City to comply with the above provision. The above language, however, does not require the County to provide funds for the City to operate a bus route to serve the annexed areas. To better serve the remaining Central County unincorporated areas and in response to Mayor Kaplan's concerns, staff has been working with our vendor to re-design an existing County transit service in order to provide shuttle services within West Ken Lark, St. George and other currently unserved areas. The route has already been designed and tested. County staff has also solicited and incorporated many of Mayor Kaplan's suggestions on the proposed route. Staff is prepared to recommend to the County Commission approval of an amendment to the existing vendor contract to include the new shuttle route at no cost to the City. If the amendment is approved, the County would continue to fund this route until the vendor contract expires on June 20, 2008.

Over the next year, there will be an opportunity for the City to obtain funding to operate its own shuttle route including the annexed areas. The County Commission has already approved a "transit concurrency" plan which provides funding for an additional shuttle route during FY 2007 within the "concurrency district" that the City is a part of. Once the selection criteria and process is established, the City can apply for these funds. If the City is awarded a new route, the County would re-route the existing service to other unserved areas.

Broward County Board of County Commissioners
Josephus Eggelletion, Jr. • Ben Graber • Sue Gunzburger • Kristin D. Jacobs • Ilene Lieberman • John E. Rodstrom, Jr. • Jim Scott • Diana Wasserman-Rubin • Lois Wexler
www.broward.org

Exhibit 5

City of Lauderhill

Charles Faranda, City Manager

November 30, 2005

Ms. Bertha W. Henry
Interim County Administrator
115 S. Andrews Avenue, Room 409
Fort Lauderdale, Florida 33301

Re: Shuttle Bus

Dear Ms. Henry:

I am in receipt of your letter of November 14, 2005 referencing the additional shuttle bus **at no cost to the city** for use in the West Kenlark and St. George areas.

It is my understanding that in order to better serve the remaining Central County unincorporated areas and in response to Mayor Kaplan's concerns, a redesign of an existing county transit service has been established, providing shuttle services within the West Kenlark, St. George unserved areas until June 20, 2008.

With this in mind, and after reviewing the proposed route, the City is in concurrence with the transit plan.

Sincerely,

Charles Faranda
City Manager

Cc: Mayor Richard J. Kaplan
Desorae Giles-Smith, Assistant City Manager
Irvin Kiffin, PALS Director

"Celebrating 40 Years of Excellence"

2000 City Hall Drive • Lauderhill, Florida 33313 • (954) 730-3000 • Fax (954) 730-3025

If the City supports the route, as stated above and represented in the attached map, please reply with a letter stating the City's concurrence so that both the interlocal agreement and the amendment to the County's existing vendor contract can be placed on the County Commission's agenda for approval. This approach goes significantly beyond what is requested in the interlocal agreement approved by the City and satisfies the concerns raised by the Mayor in his August 10th letter.

Sincerely,

Bertha W. Henry,
Interim County Administrator

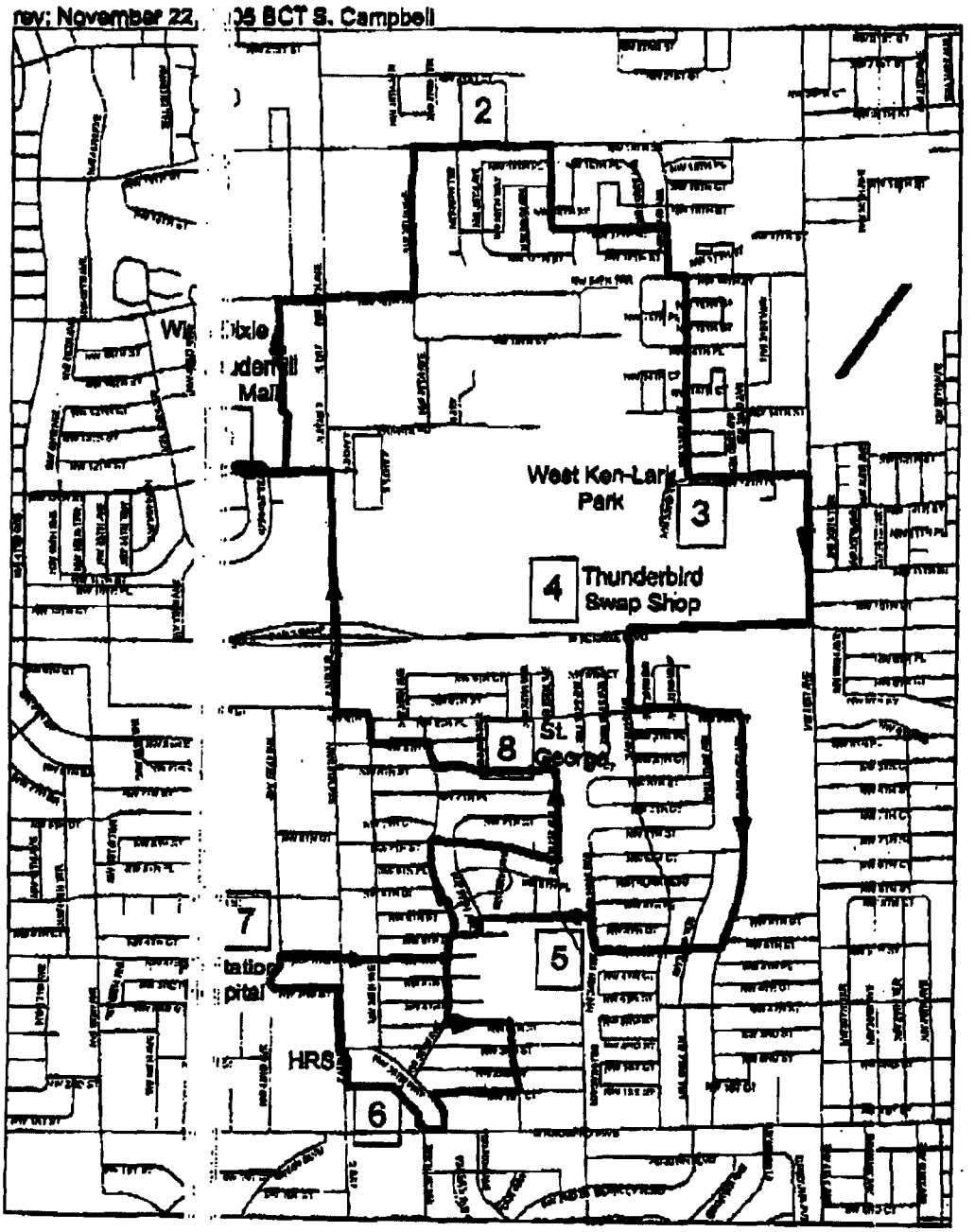
BWH/ko/ds

Encl.

cc: Mayor Richard Kaplan, City of Lauderhill
Zach Williams, Assistant County Administrator
Rob Hernandez, Assistant to the County Administrator
Pam Madison, Director, Office of Public and Governmental Relations
Larry Lietzke, Director. Community Services Department
Chris Walton, Director, Mass Transit Division

UDERHILL ROUTE 6 - Draft 2

rev: November 22, 05 BCT S. Campbell



8.5 mile c kwise loop, 40 min round trip, 40 min frequency with 1 mini buse

AGREEMENT

Between

BROWARD COUNTY

and

CITY OF LAUDERHILL

to

IMPLEMENT ANNEXATION OF
THE ST. GEORGE AND WEST KEN LARK NEIGHBORHOODS
AND THE SWAP SHOP COMMERCIAL PROPERTIES
INTO THE CITY

AGREEMENT

Between

BROWARD COUNTY

and

CITY OF LAUDERHILL

to

IMPLEMENT ANNEXATION OF
THE ST. GEORGE AND WEST KEN LARK NEIGHBORHOODS
AND THE SWAP SHOP COMMERCIAL PROPERTIES
INTO THE CITY

This is an Agreement, made and entered into by and between: BROWARD COUNTY, a political subdivision of the State of Florida, hereinafter referred to as "COUNTY,"

AND

CITY OF LAUDERHILL, a municipal corporation of the State of Florida hereinafter referred to as "CITY."

WHEREAS, in order to establish the background, context, and frame of reference for this Agreement and to provide a general background regarding the objectives and intentions of COUNTY and CITY, the following statements, representations, and explanations are predicates for the undertakings and commitments included within the provisions which follow and shall be construed as essential elements of the mutual considerations upon which this Agreement is based; and

WHEREAS, it is the purpose and intent of this Agreement for COUNTY and CITY to provide for a means by which each governmental entity may exercise cooperatively its respective powers and privileges in order to further a common goal; and

WHEREAS, this Agreement is an interlocal agreement entered into pursuant to Section 163.01, Florida Statutes, the Florida Intergovernmental Cooperation Act of 1969, as amended. Prior to the effectiveness of any provisions of this Agreement and any amendments hereto, this Agreement including any amendments shall be filed as provided by Section 163.01(11); and

WHEREAS, the purpose and intent of this Agreement is to transition and ultimately transfer and remove from COUNTY to CITY the obligation to perform traditional municipal services except as otherwise provided herein; and

WHEREAS, CITY adopted Ordinance Nos. 04O-10-219 and 04O-10-220, which

~~provides for the~~ called for referenda on the question of annexation of certain portions of the unincorporated areas in Broward County known as the St. George, West Ken Lark and Swap Shop Commercial properties into the municipal boundaries of the CITY, more particularly described in Exhibit "B" attached hereto and made a part hereof; and

WHEREAS, on March 8, 2005, voters approved the annexation of the St. George, West Ken Lark and Swap Shop Commercial properties into the municipal boundaries of CITY by referendums authorized pursuant to Chapter 171, Florida Statutes; and

WHEREAS, CITY shall be entitled to receive and collect all revenues for municipal services provided by CITY to the St. George, West Ken Lark and Swap Shop Commercial Properties as a result of said lands becoming annexed into CITY unless otherwise provided for in this Agreement; and COUNTY shall convey to CITY any such funds received or collected by COUNTY; and

WHEREAS, COUNTY acknowledges that the need for conveyances and dedication of certain property, including but not limited to property for streets, rights-of-way and easements, parks and open space, utility facilities and improvements, to CITY as contemplated in this Agreement are directly related to and generated by the annexation of the lands described herein and that no compensation is required to be paid by CITY; and

WHEREAS, it is mutually beneficial to CITY and COUNTY to ensure a smooth transition of the St. George, West Ken Lark and Swap Shop Commercial properties from the COUNTY to the CITY; NOW, THEREFORE,

IN CONSIDERATION of the mutual terms, conditions, promises, covenants and payments hereinafter set forth, COUNTY and CITY agree to perform the following acts and to be bound by the following statements:

ARTICLE 1
DEFINITIONS AND IDENTIFICATIONS

1.1 Agreement – means this document, Articles 1 through 8 inclusive. Other terms and conditions are included in the exhibits and documents that are expressly incorporated by reference.

1.2 Board – The Broward County Board of County Commissioners.

1.3 City Contract Administrator – The City of Lauderhill City Manager is the City Contract Administrator. The primary responsibilities of the City Contract Administrator are to coordinate and communicate with COUNTY and to manage and supervise execution and completion of the Scope of Services and the terms and conditions of this Agreement as set forth herein.

1.4 County Contract Administrator – The Broward County Administrator is the County Contract Administrator. The primary responsibilities of the County Contract Administrator are to coordinate and communicate with CITY and to manage and supervise execution and completion of the Scope of Services and the terms and conditions of this Agreement as set forth herein.

ARTICLE 2
SCOPE OF SERVICES

CITY shall perform all work, tasks, functions, and services identified to be performed by CITY in this Agreement and in Exhibit "A" and COUNTY shall perform all work, tasks, functions, and services identified to be performed by COUNTY in this Agreement and in Exhibit "A." The parties agree that the Scope of Services is a description of their obligations and responsibilities and is deemed to include preliminary considerations and prerequisites, and all labor, materials, equipment, work, tasks, functions, and services which are such an inseparable part of the matter described that exclusion would render performance by the party so obligated impractical, illogical, or unconscionable. Upon the effective date of the annexation, CITY shall extend its general governmental services to the areas annexed at the same level as then exists within CITY except as otherwise provided in this Agreement. ~~Water and sewer services shall continue to be provided by COUNTY.~~

ARTICLE 3
EFFECTIVENESS; TERM AND TIME OF PERFORMANCE

3.1 The term shall begin on the date the annexation is effective and shall end after all duties, obligations, and responsibilities set forth in this Agreement are fulfilled or met; provided, however, that in no event shall this Agreement extend beyond September 30, 2008 except as set forth in Exhibit A. COUNTY's obligations under this Agreement shall terminate upon the expiration of this Agreement; however COUNTY and CITY shall negotiate in good faith to extend this Agreement if COUNTY's and/or CITY's obligations as required herein have not been completed or met by September 30, 2008.

3.2 Time shall be deemed to be of the essence in performing the duties, obligations, and responsibilities required by this Agreement.

ARTICLE 4
CHANGE IN SCOPE OF SERVICES

Any change to the Scope of Services must be accomplished by a written amendment, executed by CITY and COUNTY in accordance with Section 8.15 below.

ARTICLE 5
GOVERNMENTAL IMMUNITY

CITY is a state agency or municipality as defined in Chapter 768.28, Florida Statutes, and agrees to be responsible for acts and omissions of its agents or employees when required by law. Nothing herein is intended to serve as a waiver of sovereign immunity by CITY to the extent sovereign immunity may be applicable. Nothing herein shall be construed as consent by CITY to be sued by third parties in any matter arising out of this Agreement or any other contract. Likewise, COUNTY is a state agency or political subdivision as defined in Chapter 768.28, Florida Statutes, and agrees to be responsible for acts and omissions of its agents or employees when required by law. Nothing herein is intended to serve as a waiver of sovereign immunity by COUNTY to the extent sovereign immunity may be applicable. Nothing herein shall be construed as consent by COUNTY to be sued by third parties in any matter arising out of this Agreement or any other contract.

ARTICLE 6
INSURANCE

CITY is a state agency or municipality as defined by Section 768.28, Florida Statues, and CITY shall provide written verification of liability protection to the County Contract Administrator prior to final execution of this Agreement, failing which CITY assumes the risk for any and all loss and liability resulting from this Agreement that is judicially imposed upon CITY. COUNTY is a state agency or political subdivision as defined by Section 768.28, Florida Statues, and COUNTY shall provide written verification of liability protection to the City Contract Administrator prior to final execution of said agreement, failing which COUNTY assumes the risk for any and all loss and liability resulting from this Agreement that is judicially imposed upon COUNTY.

ARTICLE 7
TERMINATION

7.1 If the annexation is not completed for any reason, this Agreement shall be null and void and of no force and effect whatsoever.

7.2 If the annexation is completed, this Agreement may be terminated for cause by vote of the Board or by vote of CITY's governing body if, after written notice from the contract administrator of the aggrieved party, the party in breach has not corrected the breach within thirty (30) days of receiving such notice; provided, however, that if the nature of the breach is such that it cannot be corrected within thirty (30) days, the party in breach has failed to commence action to correct the breach within thirty (30) days of receiving such notice and thereafter diligently pursues action to promptly correct the breach. Any written notice given pursuant to this Article shall specifically identify the breach and shall be provided in accordance with the "NOTICES" section of this Agreement.

ARTICLE 8
MISCELLANEOUS

8.1 OWNERSHIP OF DOCUMENTS

Any and all reports, photographs, surveys, and other data and documents created in connection with this Agreement are and shall remain the property of the party that created same and will be made available to the other party for inspection or use at no cost.

8.2 AUDIT AND RETENTION OF RECORDS

Each party shall have the right to audit the books, records, and accounts of the other party that are related to this Agreement. CITY and COUNTY shall keep such books, records, and accounts as may be necessary in order to record complete and correct entries related to this Agreement. CITY and COUNTY shall preserve and, upon request, make available, at reasonable times for examination and audit, all financial records, supporting documents, statistical records, and any other documents pertinent to this Agreement for the required retention period of the Florida Public Records Act (Chapter 119, Fla. Stat.), if applicable, or, if the Florida Public Records Act is not applicable, for a minimum period of three (3) years after the document or record came into existence. If any audit has been initiated and audit findings have not been resolved at the end of the retention period or three (3) years, whichever is longer, the books, records, and accounts shall be retained until resolution of the audit findings.

8.3 UNLAWFUL DISCRIMINATION, EQUAL EMPLOYMENT OPPORTUNITY, ANDAMERICANS WITH DISABILITIES

Neither CITY nor COUNTY shall unlawfully discriminate against any person in its operations and activities or in its use or expenditure of funds in fulfilling its obligations under this Agreement. CITY and COUNTY shall comply with all applicable provisions of the Americans with Disabilities Act (ADA) in the course of providing any services funded by this Agreement including, without limitation, Titles I and II of the ADA (regarding nondiscrimination on the basis of disability), and all applicable regulations, guidelines, and standards.

CITY's and COUNTY's decisions regarding the delivery of services under this Agreement shall be made without unlawful regard to or unlawful consideration of race, age, religion, color, gender, sexual orientation (Broward County Code, Chapter 16 ½), national origin, marital status, physical or mental disability, political affiliation, and without regard to or consideration of any other factor which cannot be lawfully used as a basis for service delivery.

CITY and COUNTY shall not engage in or commit any discriminatory practice in violation of the Broward County Human Rights Act (Broward County Code, Chapter 16 ½) in performing any services pursuant to this Agreement.

8.4 INDEPENDENT CONTRACTOR

CITY and COUNTY are independent contractors under this Agreement. Services provided by CITY pursuant to this Agreement shall be subject to the supervision of CITY and services provided by COUNTY pursuant to this Agreement shall be subject to the supervision of COUNTY. In providing such services, the CITY, its officers, employees, or agents are not authorized to and shall not act as officers, employees, or agents of COUNTY and the COUNTY, its officers, employees, or agents are not authorized to and shall not act as officers, employees, or agents of CITY. This Agreement shall not constitute or make the parties a partnership or joint venture.

8.5 THIRD PARTY BENEFICIARIES

Neither CITY nor COUNTY intends to directly or substantially benefit a third party by this Agreement. The parties expressly acknowledge that it is not their intent to create any rights in or obligations to any third person or entity by this Agreement; therefore, the parties agree that there are no third party beneficiaries to this Agreement and that no third party shall be entitled to assert a claim against either of them based upon this Agreement.

8.6 NOTICES

Whenever either party desires to give notice to the other, such notice must be in writing, sent by certified United States Mail, postage prepaid, return receipt requested, or by hand-delivery with a request for a written receipt of acknowledgment of delivery, addressed to the party for whom it is intended at the place last specified. The place for giving notice shall remain as set forth herein until changed in writing in the manner provided in this section. For the present, the parties designate the following:

FOR BROWARD COUNTY:

County Administrator
Government Center, Suite 409
115 South Andrews Avenue
Fort Lauderdale, Florida 33301

FOR CITY:

City Manager
City of Lauderhill
2000 City Hall Drive
Lauderhill, Florida 33313

8.7 ASSIGNMENT

Neither this Agreement nor any interest herein shall be assigned, transferred, or encumbered by either party without the written consent of the contract administrator of the other party.

8.8 WAIVER OF BREACH

Neither COUNTY's nor CITY's failure to enforce any provision of this Agreement shall be deemed a waiver of such provision or modification of this Agreement. A waiver of any breach of a provision of this Agreement shall not be deemed a waiver of any subsequent breach and shall not be construed to be a modification of the terms of this Agreement.

8.9 COMPLIANCE WITH LAWS

CITY shall comply with all applicable federal, state, and local laws, codes, ordinances, rules, and regulations in performing its duties, responsibilities, and obligations pursuant to this Agreement. Likewise, COUNTY shall comply with all applicable federal, state, and local laws, codes, ordinances, rules, and regulations in performing its duties, responsibilities, and obligations pursuant to this Agreement.

8.10 SEVERANCE

In the event that a provision of this Agreement is found by a court of competent jurisdiction to be invalid, illegal or unenforceable, the remaining provisions shall continue to be effective.

8.11 JOINT PREPARATION AND INTERPRETATION

The parties acknowledge that they have sought and received whatever competent advice and counsel necessary for them to form a full and complete understanding of all rights and obligations herein and that the preparation of this Agreement has been their joint effort. The language agreed to expresses their mutual intent and the resulting document shall not, solely as a matter of judicial construction, be construed more severely against one of the parties than any other.

8.12 CONSTRUCTION OF AGREEMENT; COOPERATION

It is the intent of the parties that this Agreement shall be liberally construed and interpreted consistent with the "Whereas" clauses set forth herein so as to fully effectuate its purposes and intent. The parties agree that they will cooperate, act in good faith, and make best efforts to accomplish any and all of the terms, conditions, and provisions of this Agreement, and shall take all appropriate and necessary actions and execute such additional documents as are necessary to effectuate this Agreement.

8.13 PRIORITY OF PROVISIONS

If there is a conflict or inconsistency between any term, statement, requirement, or provision of any exhibit attached hereto, any document or events referred to herein, or any document incorporated into this Agreement by reference and a term, statement, requirement, or provision of this Agreement, the term, statement, requirement, or provision contained in Articles 1 through 8 of this Agreement shall prevail and be given effect.

8.14 APPLICABLE LAW AND VENUE

This Agreement shall be interpreted and construed in accordance with and governed by the laws of the State of Florida. Jurisdiction and venue for litigation concerning this Agreement shall be exclusively in the state court of the Seventeenth Judicial Circuit in and for Broward County, Florida.

8.15 AMENDMENTS

No modification, amendment, or alteration in the terms or conditions contained herein shall be effective unless contained in a written document prepared with the same or similar formality as this Agreement and executed by the Board and the governing body of CITY.

8.16 MERGER OF PRIOR AGREEMENTS

This document incorporates and includes all prior negotiations, correspondence, conversations, agreements, and understandings applicable to the matters contained herein and the parties agree that there are no commitments, agreements or understandings concerning the subject matter of this Agreement that are not contained in this document. Accordingly, the parties agree that no deviation from the terms hereof shall be predicated upon any prior representations or agreements, whether oral or written.

8.17 REMEDIES

In the event of breach or default of any term, condition, covenant, or obligation of this Agreement by either party, the other party may exercise any right available to it at law or equity, including without limitation an action for specific performance and all such remedies shall be cumulative.

8.18 INCORPORATIONS

The parties confirm and acknowledge the truth and accuracy of the "Whereas" clauses contained in this Agreement and same are hereby incorporated into and made a part of this Agreement. The attached Exhibits "A", "B", "C", and "D" are also incorporated into and made a part of this Agreement.

8.19 RECORDATION OF AGREEMENT

The parties shall work together to ensure that all necessary filings and recordation are timely and properly made with all state and federal offices and agencies that require knowledge of the boundary changes. This Agreement may be recorded in the Official Records of Broward County, Florida, if either party so desires.

8.20 RIGHT OF CITY TO INSPECT

Prior to the initiation and in the course of completing each improvement to be made pursuant to this agreement, COUNTY shall provide notice to CITY and CITY shall have the right to jointly inspect such improvement. CITY's inspection shall be at CITY's own expense.

8.21 CITY'S LAWS

Nothing contained in this Agreement shall constitute a waiver of CITY's legislative, governmental, or police powers nor shall this Agreement prohibit or restrict CITY in promoting and protecting the health, safety, and welfare of CITY and its inhabitants.

8.22 MULTIPLE ORIGINALS

This Agreement may be fully executed in four (4) copies by all parties, each of which, bearing original signatures, shall have the force and effect of an original document.

IN WITNESS WHEREOF, the parties have made and executed this Agreement on the respective dates under each signature: BROWARD COUNTY through its Board of County Commissioners, signing by and through its Mayor or Vice Mayor, authorized to execute same on the ____ day of _____, 2005, and CITY, signing by and through its Mayor, duly authorized to execute same.

COUNTY

ATTEST:

County Administrator and Ex-Officio Clerk of the Board of County Commissioners of Broward County, Florida

BROWARD COUNTY, by and through its Board of County Commissioners

By _____
Mayor

6th day of December, 20 05.

Approved as to form
Jeffrey J. Newton, County Attorney
Governmental Center, Suite 423
115 South Andrews Avenue
Fort Lauderdale, FL 33301
Telephone: 954-357-7600
Telecopier: 954-357-7641

By _____
Larry E. Lymas-Johnson
Deputy County Attorney

[West Ken Lark Annexation.doc]

AGREEMENT BETWEEN BROWARD COUNTY AND CITY OF LAUDERHILL TO IMPLEMENT ANNEXATION OF THE ST. GEORGE AND WEST KEN LARK NEIGHBORHOODS AND THE SWAP SHOP COMMERCIAL PROPERTIES INTO THE CITY

CITY

ATTEST: CITY OF LAUDERHILL

City Clerk By Charles Faranda, City Manager

11th day of October, 2005.

Approved as to Form:

By W. Earl Hall
W. Earl Hall
City Attorney

ACKNOWLEDGEMENT FOR CITY

STATE OF FLORIDA)
COUNTY OF BROWARD)

The foregoing instrument was acknowledged before me this 11th day of October, 2005 by Charles Faranda, as City Manager of the City of Lauderhill, a Florida municipal corporation, on behalf of the municipal corporation, who is personally known to me.

My Commission Expires:

(Signature of Notary taking acknowledgement)
NOTARY PUBLIC, STATE OF FLORIDA

Commission Number:

(Name of Acknowledger typed, printed or stamped)

MY COMMISSION EXPIRES OCT 07, 2008 #DD361043 Bonded through 1st State Insurance NOTARY PUBLIC, STATE OF FLORIDA

AGREEMENT BETWEEN BROWARD COUNTY AND CITY OF LAUDERHILL TO IMPLEMENT ANNEXATION OF THE ST. GEORGE AND WEST KEN LARK NEIGHBORHOODS AND THE SWAP SHOP COMMERCIAL PROPERTIES INTO THE CITY

STATE OF FLORIDA)
COUNTY OF BROWARD)

The foregoing instrument was acknowledged before me this 11th day of October, 2005 by JUDITH A. HIGGINS, as City Clerk of the City of Lauderhill, a Florida municipal corporation, on behalf of the municipal corporation, who is personally known to me.

My Commission Expires:

NAYO HARRIS
MY COMMISSION EXPIRES OCT 07, 2008
#DD361043
Bonded through 1st State Insurance
NOTARY PUBLIC, STATE OF FLORIDA

(Signature of Notary taking acknowledgement)
NOTARY PUBLIC, STATE OF FLORIDA

Commission Number:

(Name of Acknowledger typed, printed or stamped)

ACKNOWLEDGEMENT FOR COUNTY

STATE OF FLORIDA)
COUNTY OF BROWARD)

The foregoing instrument was acknowledged before me this ____ day of _____, 2005 by _____ as Mayor of the Broward County Board of County Commissioners, a political subdivision of the State of Florida, on behalf of Broward County, who is personally known to me.

My Commission Expires:

(Signature of Notary taking acknowledgement)
NOTARY PUBLIC, STATE OF FLORIDA

Commission Number:

(Name of Acknowledger typed, printed or stamped)

EXHIBIT A

OBLIGATIONS OF CITY AND COUNTY

1. Types of Services Transitioned to CITY - Except as otherwise provided in this Agreement, CITY shall be responsible for providing municipal services to the annexed areas as of October 1, 2005.

2. CITY shall be responsible for the following services as of October 1, 2005:

   - Fire Rescue (currently Provided by Broward Sheriff's Office)
   - Building Code Services
   - Zoning Code Services
   - Neighborhood Parks
   - School Guards
   - Street Lighting
   - Planning, Zoning and Development Review
   - Waterway Management and Maintenance
   - Community Development
   - Maintenance of roads and road rights-of-way

3. Building Code Services - All building permits submitted prior to October 1, 2005 shall be issued, inspected and finalized by COUNTY, including expired building permits, which are renewed. Any permit submitted after the effective date of the annexation shall be issued, inspected, and finalized by CITY. COUNTY shall continue to monitor and enforce all outstanding building code violations including issuance of building permits, and inspections required to rectify outstanding violations. COUNTY shall provide all permitting and inspection services based on COUNTY's building and zoning codes for the utility work on private property associated with the infrastructure improvement projects as specifically identified in Section 16 of this Exhibit "A."

4. Zoning Code Services - COUNTY shall continue to monitor and enforce all outstanding zoning violations including issuance of building and zoning permits, other regulatory approvals, such as variances, and inspections required to rectify outstanding violations. In addition, all outstanding zoning permits, including renewal of expired permits and certificate of use applications shall be inspected and finalized by COUNTY. Zoning designations under the Broward County Zoning Code shall remain in effect until CITY adopts an ordinance changing the zoning designations. Upon annexation, CITY shall be responsible for enforcement of all other provisions of the CITY's Code of Ordinances within the annexed area.

5. Neighborhood Parks - COUNTY shall transfer and CITY shall accept title and assets for West Ken Lark and St George Parks. The assets associated with the parks are listed on Exhibit "C." The land for the parks must be used in perpetuity for public park and recreation purposes; which restriction shall be included in the deeds or other instruments of conveyance as determined by COUNTY. COUNTY shall stop collecting neighborhood park impact fees in the annexed area as of the effective date of the annexation. As of the respective effective dates of the transfer of West Ken Lark Park and St. George Park, COUNTY conveys, assigns, transfers and delivers to CITY all of COUNTY's right, title, interest and obligations in, to and for the works of art created and installed by Vernon Payne at West Ken Lark Park and Val Carroll at St. George Park. CITY accepts all of COUNTY's right, title, interest and obligations in, to and for such works of art as of the effective date of the transfers and CITY shall conserve the works of art in accordance with the maintenance descriptions set forth in Exhibit D ("Cataloging Form"). COUNTY will provide up to $628,000 for park improvements at St. George Park including restroom and permanent basketball cover and replacement of the fence at West Ken Lark Park. CITY agrees to implement improvements in accordance with COUNTY design plans within two years from the execution of this agreement. Funds will be payable to CITY on a reimbursement basis.

6. School Guards - COUNTY shall cease providing school guard services in the annexed area on October 1, 2005.

7. Engineering and Right-of-Way Management - COUNTY and CITY agree that the jurisdiction and responsibility for public roads and title to the right of way for public roads within the area described in Exhibit "B," hereinafter referred to as "Transferred Roads", shall transfer from COUNTY to CITY effective October 1, 2005, except NW 31st Avenue within the annexation area. Upon annexation becoming effective, COUNTY shall record this Agreement and a Right of Way map, consisting of the Broward County Engineering Division's Section Maps depicting the deed and plat dedications for the Transferred Roads in the public records of Broward County, Florida. Transfer of title to the Transferred Roads from COUNTY to CITY shall become effective upon such recordation pursuant to Section 337.29 (3), Florida Statutes. Notwithstanding such recordation, CITY and COUNTY agree and acknowledge that all legal rights, title, interests and responsibilities and obligations including, but not limited to, the ownership, operation, planning, design, construction, improvement, and maintenance of Transferred Roads, and any agreements regarding the right of way are relinquished and transferred by COUNTY and accepted by CITY effective, October 1, 2005, except NW 31st Avenue.

   All outstanding engineering permits shall be inspected and finalized by COUNTY. Bonds held for outstanding Engineering permits will be maintained until successful completion of the one-year warranty maintenance period. Any permit submitted after the effective date of the annexation shall be issued, inspected, and finalized by CITY.

   COUNTY shall provide all permitting and inspection services within the right-of-way based on COUNTY standards, for the infrastructure improvement projects as specifically identified in Section 16 of this Exhibit "A." CITY shall be notified of all right-of-way improvements associated with the infrastructure improvement projects as provided in Section 16 of this Exhibit "A." CITY may jointly inspect the infrastructure improvements at its own expense. CITY shall direct any related findings or issues to the Broward County Office of Water and Wastewater Services and not the COUNTY contractor.

8. Street Maintenance - CITY hereby irrevocably accepts responsibility for maintenance of the Transferred Roads; however, COUNTY shall complete any street maintenance projects in process as of the effective date of the annexation.

9. Street Lighting - CITY hereby accepts assignment of and shall be responsible for any contracts with Florida Power and Light or other entity for the maintenance of existing streetlights and the installation of new lights within the annexed areas as of October 1, 2005. This includes all street lights within residential areas and the following street lights along the following road segments; NW 19th Street from SR7 to NW 31st Avenue, Sunrise Blvd from SR7 to NW 31st Avenue and NW 31st Avenue from NW 19th Street to NW 7th Street. CITY agrees to provide written notification of its responsibility for street lighting to Florida Power and Light Company and/or any other entity entitled to notice of such assignment.

10. Planning and Development Review - CITY shall be responsible for the review of all final plats within the annexed area which have not been approved by the Broward County Board of County Commissioners by October 1, 2005. All plats approved by the Broward County Board of County Commissioners prior to October 1, 2005 shall be entitled to be recorded as if such a plat was still located within the unincorporated area. CITY shall be responsible for neighborhood planning as of the effective date of annexation. CITY shall be responsible for the review of all final site plan applications which have not received a development order from Broward County by October 1, 2005. The Future Unincorporated Land Use Element of the Broward County Comprehensive Plan shall remain in effect until CITY adopts an ordinance changing such land use designation by a majority of the full governing body of CITY. Upon annexation, CITY shall be responsible for implementation and administration of the Future Unincorporated Land Use Element of the Broward County Comprehensive Plan within the annexed area.

11. Waterway Management and Maintenance - CITY agrees to accept conveyance and ownership of all water bodies currently owned by the COUNTY, which shall irrevocably and unconditionally become owned and maintained by CITY on October 1, 2005. All storm sewers and associated stormwater outfalls serving

roads that are transferred to CITY as part of the annexation shall be owned and maintained by the CITY. Storm sewers and the associated outfalls that primarily serve roads that will remain COUNTY's responsibility shall remain the responsibility of COUNTY.

12. Community Development Block Grant, HOME and SHIP Grant Programs - COUNTY shall complete capital projects that have been budgeted, unless COUNTY and CITY agree in writing to complete the budgeted projects in another manner. Further, until such time that the U.S. Department of Housing & Urban Development (HUD) recognizes the population of the ST. GEORGE AND WEST KEN LARK Area as part of CITY and this recognition is reflected in CITY'S annual CDBG/HOME/SHIP entitlement distribution, the COUNTY shall permit the CITY, or eligible organizations when supported by the CITY, to make application for and receive a pro rata allotment of CDBG/HOME/SHIP funds, based on the population of the ST. GEORGE AND WEST KEN LARK Area, which COUNTY is qualified to receive from the U.S. Department of Housing and Urban Development (HUD). The CITY shall advise the U.S. Department of Housing and Urban Development (HUD) in writing prior to December 31, 2005, that the annexation is effective September 15, 2005, and request that HUD proceed with adjusting the annual entitlement amounts commencing October 1, 2005 for CDBG and HOME funds. Once HUD adjusts the annual entitlement amounts, the terms of this paragraph shall become null and void. CITY shall advise the Florida Housing Finance Corporation (FHFC) in writing prior to December 31, 2005, that the annexation is effective September 15, 2005, and request that FHFC proceed with adjusting the annual entitlement amounts commencing July 1, 2006. COUNTY shall pay CITY SHIP grant funds in the amount of $42,000 by December 31, 2005.

13. Transfer of Property - COUNTY shall transfer by deed or title COUNTY assets listed on Exhibit "C" no later than September 15, 2005. The COUNTY agrees to work towards the transfer of Fire Station 14 located on N.W 31st Avenue in the St. George Community and to discuss an arrangement for the CITY to provide fire rescue services for those unincorporated areas presently served by Station 14. COUNTY SHALL PROVIDE "AS BUILT" CONSTRUCTION PLANS, IFANY, FOR ALL REAL PROPERTY TRANSFERRED TO CITY.

14. Allocation of Revenues – CITY shall initiate and coordinate with the COUNTY the notification and filing process to ensure that all Municipal, County and State revenue sources are transitioned to CITY on October 1, 2005. The COUNTY shall make provisions for per capita revenue sharing payments to the CITY on behalf of the annexed area until that point in time at which all State of Florida, County and Municipal revenue sharing resources based on population formulas recognize the population of the annexed area as part of CITY and that recognition is reflected in CITY'S annual share of State revenues. Such revenues are:

- Electric Utility Taxes
- Communication Services Taxes
- Electric Franchise Fees
- State Revenue Sharing
- Gas Taxes
- Sales Tax

15. Garbage Collection - COUNTY shall continue to provide all waste collection and recycling services until December 31, 2005. COUNTY shall retain all garbage collection residential and commercial franchise fees and other applicable revenues payable for all periods through December 31, 2005. COUNTY will have collected the special assessments for these services, thus the transition of services shall be effective on January 1, 2006 to the extent provided by Florida Statute.

16. Infrastructure Improvement Program

A. Scope of Infrastructure Improvement Project

1. COUNTY shall administer the following infrastructure improvements, including all improvements approved per County's Basis of Design Report (BODR) until completion:

a. Water and sewer
b. Sidewalks on both sides of the street
c. Road resurfacing and/or reconstruction as necessary
d. Landscaping on collector roads and neighborhood entry points including entrance features
e. Drainage infrastructure in areas with known drainage problems

2. COUNTY shall fund the entire infrastructure improvement project, including additional costs if the cost increase is within the original project scope.

3. The County will take the following steps to coordinate with CITY on bid package 4 in the southern portion of West Ken Lark. Broward County Water and Wastewater Services (BCWWS) shall submit design plans for the bid package to CITY staff at the thirty percent (30%), sixty percent (60%), and ninety percent (90%) review stages and shall allow CITY staff thirty (30) days from such submission of the design plans to offer suggestions. BCWWS shall be the final authority concerning acceptance or rejection of any suggestions. No suggestions shall be accepted after designs are complete.

4. To ensure the smooth implementation of infrastructure improvement projects, COUNTY shall be responsible for right-of-way permitting and inspections services and for permitting and inspection of utility connections on private property in accordance with COUNTY standards for the purposes of implementing the infrastructure projects listed in this Section 16. All permit fees or other fees relating to the infrastructure improvements projects will be paid to COUNTY, if COUNTY is the entity providing the inspection and/or permitting services.

5. The goal of completing all infrastructure improvement projects is September 30, 2008.

17. Transfer of Records: All records will be transferred to the City commencing October 1, 2005 and proceed continuously until all records in the annexation area are transferred to the CITY based on a mutually agreed upon schedule. COUNTY shall not be obligated to transfer any records to CITY in any medium or in any manner other than paper format. If COUNTY desires to transfer records to CITY electronically, CITY shall advise COUNTY of its requirements for receipt of such records electronically. If COUNTY elects to transfer the records electronically after receipt of CITY's requirements, then COUNTY shall ensure that such electronic records are compatible with CITY software programs before making such transfer.

18. Water and Sewer: - The issue of provision of water and sewer services is outstanding and will be the subject of further discussions.

19. Shuttle Buses – COUNTY shall provide the CITY with one (1) additional shuttle bus at no cost to the CITY for use in the West Ken Lark and St. George areas.

SWAP SHOP MAIN PARCEL:

LOT 1, PRESTON HENN PLAT, ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 95, PAGE 48, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA; PARCEL "A", "THUNDERBIRD SWAP SHOP I", ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 139, PAGE 2, OF SAID PUBLIC RECORDS; AND PARCEL "A", "THUNDERBIRD SWAP SHOP II", ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 143, PAGE 47, OF SAID PUBLIC RECORDS, ALL A BEING DESCRIBED AS FOLLOWS:

BEGINNING AT THE NORTHERN-MOST NORTHEAST CORNER OF SAID TRACT "A", "THUNDERBIRD SWAP SHOP I"; THENCE SOUTH 01°25'53" EAST, A DISTANCE OF 170.00 FEET; THENCE NORTH 88°19'45" EAST, A DISTANCE OF 50.00 FEET; THENCE SOUTH 01°25'53" EAST, A DISTANCE OF 30.00 FEET; THENCE NORTH 88°19'45" EAST, A DISTANCE OF 97.00 FEET; THENCE SOUTH 01°25'53" EAST, A DISTANCE OF 177.80 FEET; THENCE SOUTH 03°59'44" WEST, A DISTANCE OF 200.90 FEET; THENCE SOUTH 01°25'53" EAST, A DISTANCE OF 144.67 FEET; THENCE SOUTH 88°02'46" WEST, A DISTANCE OF 156.01 FEET; THENCE SOUTH 01°25'53" EAST, A DISTANCE OF 186.01 FEET, THE LAST NINE (9) DESCRIBED COURSES BEING COINCIDENT WITH THE EAST BOUNDARY OF SAID TRACT "A", "THUNDERBIRD SWAP SHOP I"; THENCE SOUTH 88°02'46" WEST, ALONG THE SOUTH BOUNDARY OF SAID TRACT "A", "THUNDERBIRD SWAP SHOP I"; A DISTANCE OF 1114.45 FEET; THENCE SOUTH 01°14'30" EAST, ALONG THE EAST BOUNDARY OF SAID LOT 1, A DISTANCE OF 14.00 FEET; THENCE SOUTH 88°02'46" WEST, ALONG THE SOUTH BOUNDARY OF SAID LOT 1, A DISTANCE OF 308.45 FEET; THENCE NORTH 01°14'30" WEST, ALONG THE WEST BOUNDARY OF SAID LOT 1, A DISTANCE OF 14.00 FEET; THENCE SOUTH 88°02'46" WEST, ALONG THE SOUTH BOUNDARY OF SAID TRACT "A", "THUNDERBIRD SWAP SHOP II"; A DISTANCE OF 1488.82 FEET; THENCE NORTH 01°12'22" WEST, A DISTANCE OF 136.00 FEET; THENCE SOUTH 88°02'46" WEST, A DISTANCE OF 150.01 FEET; THENCE NORTH 01°12'22" WEST, A DISTANCE OF 419.18 FEET, THE LAST THREE (3) DESCRIBED COURSES BEING COINCIDENT WITH THE WEST BOUNDARY OF SAID TRACT "A", "THUNDERBIRD SWAP SHOP II"; THENCE NORTH 88°11'26" EAST, A DISTANCE OF 648.99 FEET; THENCE NORTH 88°11'14" EAST, A DISTANCE OF 688.63 FEET; THENCE NORTH 01°12'14" WEST, A DISTANCE OF 332.93 FEET; THENCE NORTH 88°15'29" EAST, A DISTANCE OF 609.03 FEET, THE LAST FOUR (4) DESCRIBED COURSES BEING COINCIDENT WITH THE NORTH BOUNDARY OF SAID TRACT "A", "THUNDERBIRD SWAP SHOP II"; THENCE NORTH 88°15'29" EAST, A DISTANCE OF 680.33 FEET; THENCE NORTH 01°21'19" WEST, A DISTANCE OF 31.33 FEET; THENCE NORTH 88°19'45" EAST, A DISTANCE OF 459.13 FEET, TO THE POINT OF BEGINNING. THE LAST THREE (3) DESCRIBED COURSES BEING COINCIDENT WITH THE NORTH BOUNDARY OF SAID TRACT "A", "THUNDERBIRD SWAP SHOP I".

SWAP SHOP MAIN PARCEL ADJACENT ROADWAYS:

THAT PORTION OF THE NORTH ONE-HALF (N ½) OF SUNRISE BOULEVARD LYING SOUTH OF AND ADJACENT TO THE SOUTH BOUNDARY OF THE ABOVE DESCRIBED LANDS AND LYING NORTH OF AND ADJACENT TO THE CENTERLINE OF SUNRISE BOULEVARD AS SHOWN ON THE PLATS OF "THUNDERBIRD SWAP SHOP I" AND "THUNDERBIRD SWAP SHOP II" AS RESPECTIVELY RECORDED IN PLAT BOOKS 139, PAGE 2 AND PLAT BOOK 143, PAGE 47, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.

THAT PORTION OF NORTHWEST 31ST AVENUE LYING EAST OF AND ADJACENT TO THE EAST BOUNDARY OF THE ABOVE DESCRIBED LANDS AND LYING WEST OF THE EAST

COMPOSITE EXHIBIT "B"

LINE OF THE SOUTHEAST ONE-QUARTER (SE ¼) OF SECTION 31, TOWNSHIP 49 SOUTH, RANGE 42 EAST.

SWAP SHOP MAIN PARCEL ADJACENT CANAL (LYING NORTH AND WEST OF SWAP SHOP LANDS):

THE WEST 29 FEET OF THE SOUTH ONE-HALF (S ½) OF THE NORTHEAST ONE-QUARTER (NE ¼) OF THE SOUTHWEST ONE-QUARTER (SW ¼) OF THE SOUTHEAST ONE-QUARTER (SE ¼) OF SECTION 31, TOWNSHIP 49 SOUTH, RANGE 42 EAST. SAID LANDS AS DESCRIBED IN OFFICIAL RECORDS BOOK 2805, PAGE 250, BROWARD COUNTY RECORDS AND IN OFFICIAL RECORDS BOOK 2938, PAGE 598, BROWARD COUNTY RECORDS.

SWAP SHOP PARKING PARCEL:

PARCEL "A", "THUNDERBIRD SWAP SHOP III", ACCORDING TO THE PLAT THEREOF, AS RECORDED IN PLAT BOOK 142, PAGE 20 OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA, ALSO DESCRIBED AS FOLLOWS:

BEGIN AT THE NORTHWEST CORNER OF SAID PARCEL "A"; THENCE NORTH 88°02'46" EAST, A DISTANCE OF 223.47 FEET; THENCE NORTH 01°57'14" WEST, A DISTANCE OF 12.00 FEET; THENCE NORTH 88°02'46" EAST, A DISTANCE OF 297.32 FEET; THENCE SOUTH 87°22'48" EAST, A DISTANCE OF 200.64 FEET; THENCE NORTH 88°02'46" EAST, A DISTANCE OF 67.11 FEET; TO THE POINT OF CURVATURE OF A CURVE CONCAVE TO THE SOUTH; THENCE EASTERLY, ALONG THE ARC OF SAID CURVE HAVING A RADIUS OF 2792.79 FEET, A CENTRAL ANGLE OF 1°32'31", FOR AN ARC DISTANCE OF 75.16 FEET, THE LAST SIX (6) DESCRIBED COURSES BEING COINCIDENT WITH THE NORTH BOUNDARY OF SAID PARCEL "A"; THENCE SOUTH 02°05'06" EAST, ALONG A NON-TANGENT LINE, A DISTANCE OF 128.52 FEET; THENCE NORTH 88°02'46" EAST, A DISTANCE OF 192.34 FEET; TO A POINT ON THE ARC OF A CURVE CONCAVE EASTERLY, WHOSE RADIUS POINT BEARS NORTH 87°25'15" EAST, FROM THE LAST DESCRIBED POINT; THENCE SOUTHERLY, ALONG THE ARC OF SAID CURVE HAVING A RADIUS OF 2208.73 FEET, A CENTRAL ANGLE OF 2°48'23", FOR AN ARC DISTANCE OF 108.19 FEET; THENCE SOUTH 01°12'17" WEST, A DISTANCE OF 100.72 FEET; THENCE SOUTH 05°39'06" EAST, A DISTANCE OF 6.72 FEET; THENCE SOUTH 05°16'44" EAST, A DISTANCE OF 199.63 FEET; THENCE SOUTH 01°44'59" EAST, A DISTANCE OF 21.15 FEET; THENCE NORTH 88°15'01" EAST, A DISTANCE OF 12.00 FEET; THENCE SOUTH 01°44'59" EAST, A DISTANCE OF 51.09 FEET, THE LAST NINE (9) DESCRIBED COURSES BEING COINCIDENT WITH THE EAST BOUNDARY OF SAID PARCEL "A"; THENCE NORTH 66°44'58" WEST, A DISTANCE OF 330.46 FEET; THENCE SOUTH 88°02'46" WEST, A DISTANCE OF 777.62 FEET, THE LAST TWO DESCRIBED COURSES BEING COINCIDENT WITH THE SOUTH BOUNDARY OF SAID PARCEL "A"; THENCE NORTH 02°05'06" WEST, ALONG THE WEST BOUNDARY OF SAID PARCEL "A", A DISTANCE OF 479.76 FEET TO THE POINT OF BEGINNING;

SWAP SHOP PARKING PARCEL ADJACENT ROADWAYS:

THAT PORTION OF THE SOUTH ONE-HALF (S ½) OF SUNRISE BOULEVARD LYING NORTH OF AND ADJACENT TO THE NORTH BOUNDARY OF THE ABOVE DESCRIBED LANDS AND LYING SOUTH OF AND ADJACENT TO THE CENTERLINE OF SUNRISE BOULEVARD AS SHOWN ON THE PLAT OF "THUNDERBIRD SWAP SHOP III", AS RECORDED IN PLAT BOOK 142, PAGE 20, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.

THAT PORTION OF NORTHWEST 31ST AVENUE LYING EAST OF AND ADJACENT TO THE EAST BOUNDARY OF THE ABOVE DESCRIBED LANDS AND LYING WEST OF THE CENTERLINE OF NORTHWEST 31ST AVENUE AS SHOWN ON THE PLAT OF "THUNDERBIRD SWAP SHOP III", AS RECORDED IN PLAT BOOK 142, PAGE 20, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA.

NOTE:

THE BEARINGS DESCRIBED HEREIN ARE BASED ON THE NORTH AMERICAN DATUM OF 1983/1990 (NAD 83/90), STATE PLANE COORDINATE SYSTEM (FLORIDA EAST ZONE), AS ESTABLISH BY BROWARD COUNTY ENGINEERING DEPARTMENT SURVEY DIVISION, FLORIDA GPS CONTROL NETWORK SURVEY. THE BEARINGS ARE REFERENCED TO THE SOUTH LINE OF SOUTHEAST ONE-QUARTER OF SECTION 31, TOWNSHIP 49 SOUTH, RANGE 42 EAST, WHICH BEARS NORTH 88°02'46" EAST.

SUMMARY OF AREAS:

SWAP SHOP MAIN PARCEL	53.945 ACRES
SWAP SHOP PARKING PARCEL	11.587 ACRES
NORTH ½ SUNRISE BLVD	3.913 ACRES
SOUTH ½ SUNRISE BLVD	1.339 ACRES
31ST AVE NORTH OF SUNRISE	0.742 ACRES
31ST AVE SOUTH OF SUNRISE	0.727 ACRES
29- FOOT CANAL PARCEL	0.222 ACRES
TOTAL	72.475 ACRES

CITY OF LAUDERHILL
SAINT GEORGE
CORPORATE LIMITS

That portion of Section 6, Township 50 South, Range 42 East, Broward County, Florida, as described as follows:

Begin at a point of intersection of a line 225.00 feet east of and parallel with the west line of said Section 6 and the westerly prolongation of the north right of way line of N.W. 7th Street, as shown by the plat of ACADEMY AWARD HOMES SECTION 3, as recorded in Plat Book 45, Page 17, of the Public Records of Broward County, Florida;

Thence easterly and southeasterly along said north right of way line and the easterly prolongation thereof to the northwest corner of Lot 3, Block 5, as shown by the plat of TROPICANA PARK HOMES, as recorded in Plat Book 46, Page 17, Public Records of Broward County, Florida;

Thence east along the north line of said Lot 3, to the northeast corner thereof;

Thence east to the northwest corner of Lot 6, Block 27, as shown by the plat of NEW BROWARDALE, as recorded in Plat Book 47, Page 14, Public Records of Broward County, Florida;

Thence east along the north line of said Lot 6 to the northeast corner thereof being on the west right of way line of N.W. 34th Terrace, as shown by said plat of NEW BROWARDALE;

Thence north along said west right of way line to the point of curvature of a curve concave to the southeast, having a radius of 85.00 feet;

Thence north through east along said curve to the point of tangency with the north right of way line of N.W. 7th Street as shown by said plat of NEW BROWARDALE;

Thence east along the said north right of way line and easterly prolongation thereof to the centerline of N.W. 34th Avenue;

Thence east along the north right of way line of N.W. 7th Street and the westerly prolongation thereof, to the point of curvature of a curve concave to the northwest, having a radius of 25.00 feet;

Thence east through north along the arc of said curve to the point of tangency with the west right of way line of N.W. AMENDED PLAT, as recorded in Plat Book 47, Page 23, Public Records of Broward County, Florida.

Thence east to the northwest corner of Lot 1, Block 32, as shown by the said BROWARDALE 2nd ADDITION AMENDED PLAT;

Thence east along the north line of said Lot 1 to the northeast corner thereof;

Thence northeasterly to the northwest corner of Lot 16, Block 31, as shown by the said BROWARDALE 2nd ADDITION AMENDED PLAT;

Thence east along the north line of said Lot 16 to the northeast corner thereof;

Thence east to the northwest corner of Lot 16, Block 30, as shown by said BROWARDALE 2nd ADDITION AMENDED PLAT;

Thence south along the east line of said Lot 16, Block 30 to a point of intersection with the north line of the Southeast One-Quarter (SE ¼), of the Southeast One-Quarter (SE ¼), of the Northeast One-Quarter (NE ¼) of said Section 6;

Thence east along said north line to the east line of said Section 6;

Thence northerly along said east line to the north line of said Section 6;

Thence west along said north line to the northeast corner of the northwest One-Quarter (NW ¼), of the Northeast One-Quarter (NE ¼), of the northwest One-Quarter (NW ¼), of said Section 6, said point also being on the municipal boundary of the City of Lauderhill, as established by Ordinance 80 of the City of Lauderhill;

Thence continue west along said north line and said municipal boundary and along the municipal boundary of the City of Lauderhill, as established by Chapter 65-1812, Laws of Florida, to a line 302.00 feet east of and parallel with the west line of said Section 6, said point being on the municipal boundary of the City of Plantation, established by Chapter 68-101, Laws of Florida.

Thence continuing along said municipal boundary the following 4 courses;

Thence south along said parallel line to the north right of way line of N.W. 8th Place, as shown by the plat of PLAZA ESTATES, as recorded in Plat Book 46, Page 45, of the Public Records of Broward County, Florida;

Thence westerly along said north right of way line for a distance of 82.00 feet to a point on a line 220.00 feet east of and parallel with the west line of said Section 6;

Thence south along said parallel line to the westerly prolongation of the north right of way line of N.W. 7th Street, as shown by said plat of ACADEMY AWARD HOMES SECTION 3;

Thence easterly, along said westerly prolongation and north right of way line, to the Point of Beginning.

Less and excepting the following:

A parcel of land lying in the North ½ of Government Lot 1, Section 6, Township 50 South, Range 42 East, Broward County, Florida, more fully described as follows:

Commencing at the northwest corner of said Government Lot 1, thence North 89°28'39" East, along the north line of said Government Lot 1, a distance of 205 feet to the Point of Beginning;

Thence continue North 89°28'39" East along the said north line, a distance of 787.94 feet to a point of curvature;

Thence easterly along a curve to the right having a radius of 1,859.86 feet with a central angle of 03°36'30", and an arc distance of 117.13 feet to a point of tangency;

Thence South 86°54'51" East, along the extension of the tangent of the aforesaid curve, a distance of 134.75 feet to a point of curvature;

Thence southeasterly, along a curve to the right having a radius of 25.00 feet, with a central angle of 86°37'52", and an arc distance of 37.80 feet to the point of tangency;

Thence South 00°19'06" East along a line parallel to and 53.00 feet westerly of the east line of said Section 6, a distance of 82.38 feet to a point of curvature;

Thence southerly along a curve to the left having a radius of 2201.73 feet, with the central angle of 03°54'07", and an arc distance of 149.94 feet, to the point of tangency;

Thence South 04°13'12" East along the extension of the tangent of the aforementioned curve, a distance of 99.82 feet to a point of curvature;

Thence southerly along a curve to the right having a radius of 2201.73 feet, with the central angle of 03°54'07", and an arc distance of 149.94 feet, to a point of tangency;

Thence South 00°19'06" East along a line parallel to and 36.00 feet westerly of the east line of Section 6, a distance of 119.59 feet;

Thence North 65°19'05" West making an included angle of 64°59'59", a distance of 330.46 feet;

Thence South 89°28'39" West along a line parallel to and 205.00 feet northerly of the south line of the north ½ of said Government Lot 1, a distance of 777.62 feet;

Thence North 00°39'13" West along a line parallel to and 205.00 feet easterly of the west line of said Government Lot 1, a distance of 497.76 feet to the **Point of Beginning.**

CALVIN, GIORDANO & ASSOCIATES, INC.

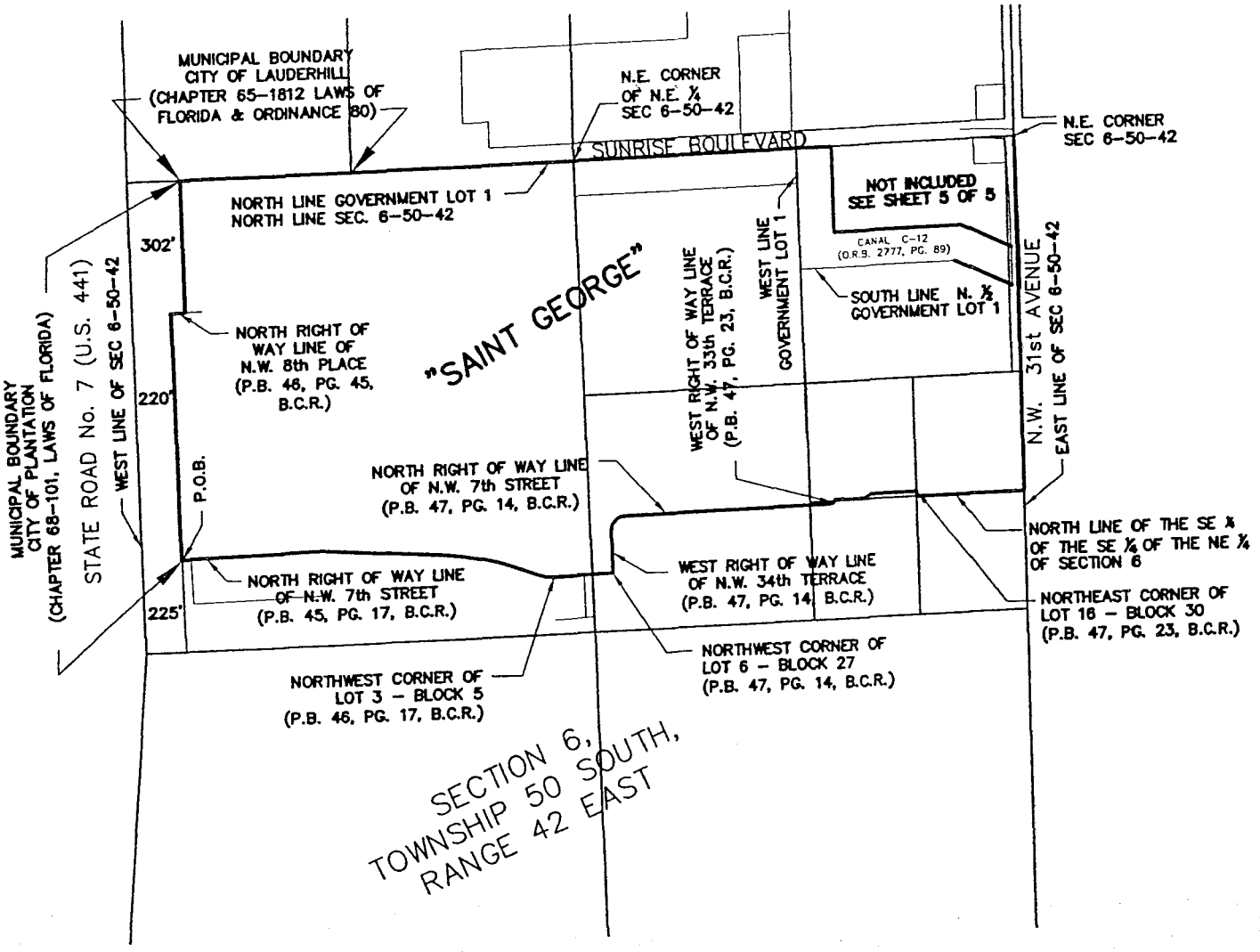
Gregory J. Clements
Professional Surveyor & Mapper
State of Florida
Registration # 4479

Prepared by:
CALVIN, GIORDANO & ASSOCIATES, INC
1800 Eller Drive, Suite 600
Ft. Lauderdale, Florida 33316

SKETCH OF DESCRIPTION
ANNEXATION
CITY OF LAUDERHILL
CORPORATE LIMITS

N

SCALE: 1"=1000'



LEGEND

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P.O.B. = POINT OF BEGINNING
R/W = RIGHT OF WAY
SQ FT = SQUARE FEET

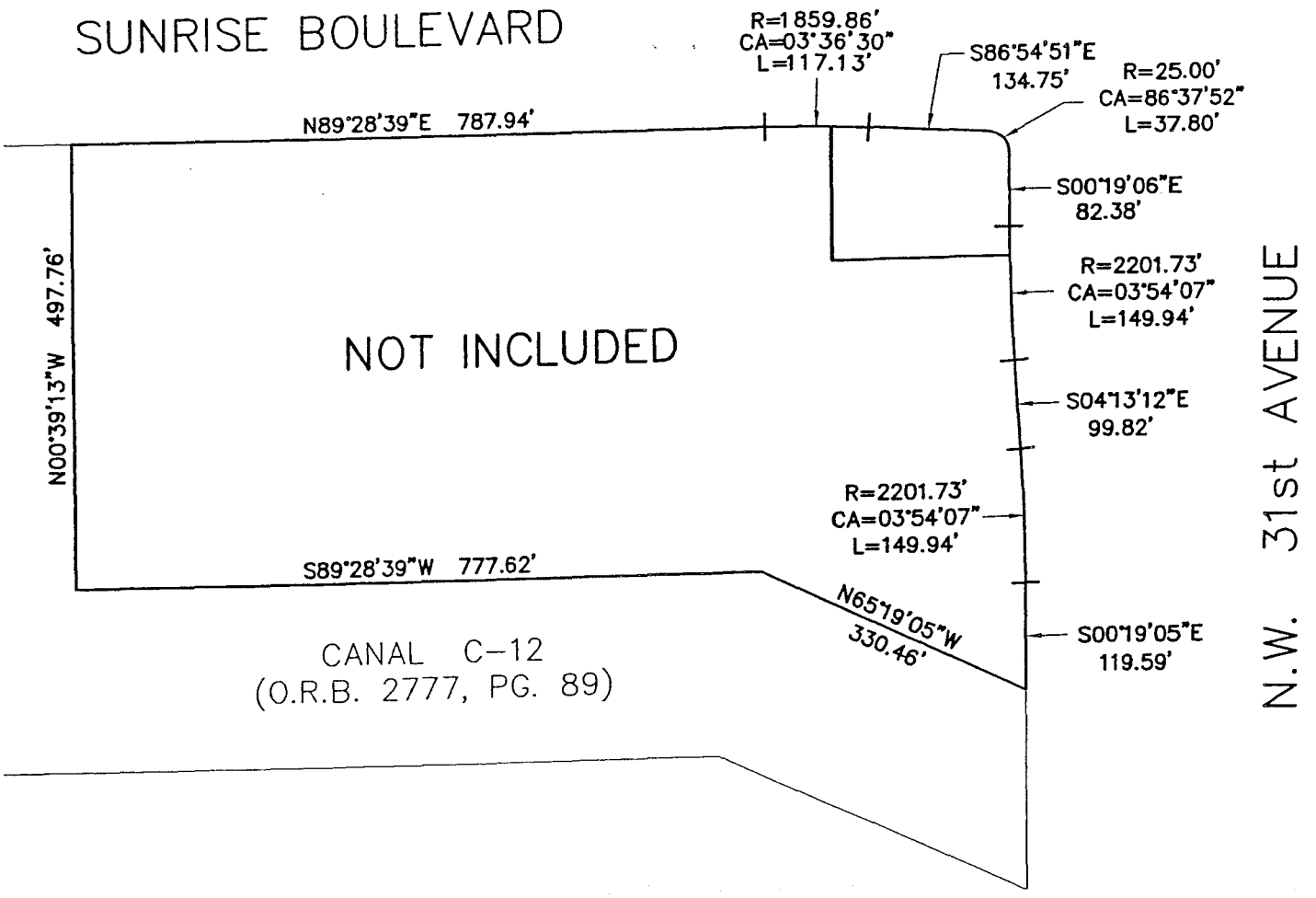
Calvin, Giordano & Associates, Inc.
Engineers Surveyors Planners
1800 Eller Drive, Suite 600
Fort Lauderdale, Florida 33316
Phone: 954.921.7781 Fax 954.921.6607
Certificate of Authorization 6791

MAP OF "SAINT GEORGE" ANNEXATION BOUNDARIES

SCALE	PROJECT No	SHEET
1"=1000'	99-2951	4
DATE	CAD FILE	OF
08/16/04	SAINT_GEORGE_ANNEX	5

SKETCH OF DESCRIPTION
ANNEXATION
CITY OF LAUDERHILL
CORPORATE LIMITS

SCALE: 1"= 200'



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MAP OF "SAINT GEORGE" ANNEXATION BOUNDARIES

SCALE	PROJECT No	SHEET
1"=1000'	99-2951	5
DATE	CAD FILE	
08/16/04	SAINT_GEORGE_ANNEX	

CITY OF LAUDERHILL
WEST KEN LARK
CORPORATE LIMITS

That portion of Section 31, Township 49 South, Range 42 East, Broward County, Florida, described as follows:

BEGINNING at the intersection of the West line of the East One-Half (E 1/2) of the West One-Half (W 1/2) of said Section 31 with the North line of said Section 31, said point also being on the municipal boundary of the City of Lauderdale Lakes, as established by Ordinance 40 of the City of Lauderdale Lakes,

THENCE Easterly, on said municipal boundary and on said North line, to the Northeast corner of the Northwest One-Quarter (NW 1/4) of the Northwest One-Quarter (NW 1/4) of the Northeast One-Quarter (NE 1/4) of said Section 31, said point also being on the municipal boundary of the City of Fort Lauderdale, as established by Chapter 69-1057, Laws of Florida;

THENCE on said municipal boundary of the City of Fort Lauderdale, the following 4 (Four) courses;

1) Southerly, on the East line thereof, to the South right-of-way line of NW 19 Street;

2) Easterly, on said South right-of-way line, to the West right-of-way line of NW 31 Avenue;

3) Southerly, on said West right-of-way line, to the South line of the North One-Half (N 1/2) of the North One-Half (N 1/2) of the Southeast One-Quarter (SE 1/4) of said Section 31;

4) Easterly, on said South line, to the East line of said Section 31;

THENCE Southerly, on said East line of said Section 31, to the intersection with a line 500.00 feet South of and parallel with the North line of the Northeast One-Quarter (NE ¼) of the Southeast One-Quarter (SE ¼) of the Southeast One-Quarter (SE ¼) of said Section 31 and the Easterly projection of the North line of Parcel A, THUNDERBIRD SWAP SHOP I, according to the plat thereof as recorded in Plat Book 139, Page 2 of the Public Records of Broward County, Florida;

THENCE on said North line of Parcel A, THUNDERBIRD SWAP SHOP I and it's Easterly projection, the following seven (7) courses;

1. Westerly, on the last described parallel line and on said Easterly projection to the intersection with a line 150.00 feet West of and parallel with said East line of Section 31;

2. Northerly on the last described parallel line to the intersection with a line 470.00 feet South of and parallel with said North line of the Northeast One-Quarter (NE ¼) of the Southeast One-Quarter (SE ¼) of the Southeast One-Quarter (SE ¼) of said Section 31;

3. Westerly on the last described parallel line to the intersection with a line 200.00 feet West of and parallel with said East line of Section 31;

4. Northerly on the last described parallel line to the intersection with a line 300.00 feet South of and parallel with said North line of the Northeast One-Quarter (NE ¼) of the Southeast One-Quarter (SE ¼) of the Southeast One-Quarter (SE ¼) of Section 31;

5. Westerly on the last described parallel line to the intersection with the West line of said Northeast One-Quarter (NE ¼) of the Southeast One-Quarter (SE ¼) of the Southeast One-Quarter (SE ¼) of Section 31;

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6. Southerly on said West line to the intersection with the North line of the South One-Half (S ½) of the North One-Half (N ½) of the South One-Half (S ½) of said Southeast One-Quarter (SE ¼) of Section 31;

7. Westerly on said North line to the Northwest corner of said Parcel A, THUNDERBIRD SWAP SHOP I and the Northeast corner of THUNDERBIRD SWAP SHOP II, according to the plat thereof as recorded in Plat Book 143, Page 47 of the Public Records of Broward County, Florida;

THENCE Westerly on the North line of Parcel A of said THUNDERBIRD SWAP SHOP II and on said North line of the South-One-Half (S½) of the North-One-Half (N ½) of the South-One-Half (S ½) of the Southeast-One-Quarter (SE ¼) of said Section 31 to a point on the municipal boundary of the City of Lauderhill, as established by Ordinance 284 of the City of Lauderhill;

THENCE Northerly, on said municipal boundary and on the municipal boundary of the City of Lauderhill, as established by Ordinance 252 of the City of Lauderhill, and on the West line of the East One-Half (E 1/2) of the Northwest One-Quarter (NW 1/4) of the Southeast One-Quarter (SE 1/4) of said Section 31 and on the West line of the East One-Half (E 1/2) of the West One-Half (W 1/2) of the East One-Half (E 1/2) of said Section 31, to a point on the South line of the North One-Half (N 1/2) of the North One-Half (N 1/2) of said Section 31;

THENCE Westerly, on said municipal boundary of the City of Lauderhill, as established by Ordinance 252 of the City of Lauderhill, and on said South line, to the West line of the East One-Half (E 1/2) of the West One-Half (W 1/2) of said Section 31, said point also being on the municipal boundary of the City of Lauderhill, as established by Chapter 65-1812, Laws of Florida;

THENCE Northerly, on said West line and on said municipal boundary, to the **POINT OF BEGINNING.**

CALVIN, GIORDANO & ASSOCIATES, INC.

Gregory J. Clements
Professional Surveyor & Mapper
State of Florida
Registration # 4479

Prepared by:
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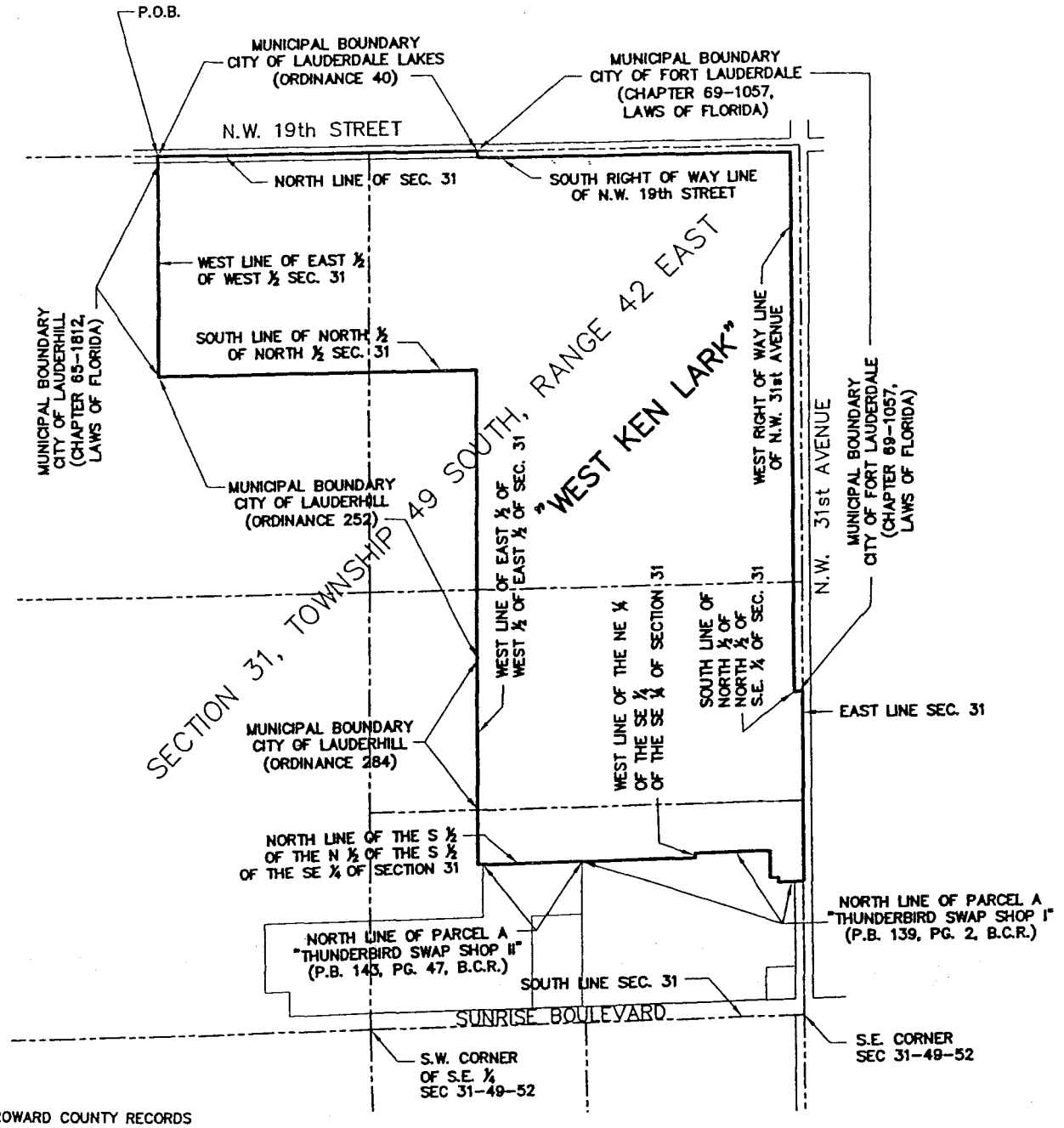
P:\Projects\1999\992951 Lauderhill GIS\SURVEY\Legal Descriptions\REVISED LAUDERHILL CORPORATE LIMITS DESCRIPTION-WEST KEN LARK.doc

SKETCH OF DESCRIPTION
ANNEXATION
CITY OF LAUDERHILL
CORPORATE LIMITS

SCALE: 1"=1000'



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R/W = RIGHT OF WAY
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MAP OF "WEST KEN LARK" ANNEXATION BOUNDARIES

SCALE	PROJECT No	SHEET
1"=1000'	99-2951	3
DATE	CAD FILE	OF 3
08/16/04	992951-V-SP	

WEST KEN LARK PARK INVENTORY

ITEM	QUANTITY	COMMENTS
Lawn Mower	1	
Edger(s)	2	1 regular, 1 stick
Blower(s)	2	
Chain Saw	3	1 short, 2 pole
Weed Eater	1	
Trimmers	2	echo, stihl
(FITNESS ROOM)		
Tread Mill	2	
Stationary Bikes	2	
Stairmaster	2	
Weight Bench	2	incline, flat
Pulley	2	# 280293 (2 connecting pieces)
Leg Extension	1	#280295
Lat Pull-it	1	#280293
Vertical Chest	1	#280290
Shoulder Press	1	#280289
Sit up bench	1	
Thigh Machine	1	#280292
Bicep curl bench	1	#280291
Smith machine	1	#280296
(RECREATION)		
T.V.	2	RCA, Quasar
Pool table	1	
Stereo	1	
Outdoor PA System	1	
Podium	2	1 stand up, 1 table top
Ping Pong table	1	
Table (game)	1	
(OFFICE)		
Desk/Computer Table	1	
Desk	1	
Telephones	4	

COMPOSITE EXHIBIT "C"

EQUIPMENT	QUANTITY	COMMENTS
(RENTALS)		
Tables (long beige)	7	
Tables (long grey)	22	
Tables (round grey)	24	
Tables (short beige)	4	
Chairs (stack grey)	127	
Refrigerator	3	
Microwave	2	
Picnic Tables	7	web coated
Trash receptacles	21	web coated
Park benches	10	web coated
Bleachers	8	3 tier=4, 4 tier=2, 10 tier=2
BBQ Grills	3	1 lg., 2 small

ST. GEORGE PARK INVENTORY LIST

ITEM	QUANTITY	
Televisions	6	
Microwave	1	
Oven Warmer	1	
Refrigerator	1	
Tables	30	
Chairs	200	
Table Racks	2	
Chair Racks	8	
Phones	3	
Edger	1	
Hedge Trimmer	1	
Weed Eater	1	
Pole Saw	1	
Blower	2	
Sprayer	2	
Picnic Tables	23*	
Benches	19*	
Bleachers	8	
Garbage Cans	18	
Weight Bench	1	
Flat Bench	1	
Cable Crossover	1	
Squat/Calf Machine	1	
Pull up/Dip Machine	1	
Side Laterals	1	
Curl Machine	1	
Chess Press Machine	1	
ABS bench	1	
Abs station	1	
Cross/Air walk	1	#227178
Treadmill	2	#277177 #277176
Stair Climber	2	#277179
Seated Stationary Bike	2	
Seated Calf raiser	1	
Neck & Trap Machine	1	
Leg curl/hamstring machine	1	
Hyper/low back machine	1	

* Numbers were switched on original document. These are now correct.

Exhibit D
Lauderhill Agreement
Maintenance of Art at
West Ken Lark Park

Catalog # 1992.1.IA

BROWARD COUNTY ART IN PUBLIC PLACES

CATALOGING FORM

I. Artist Information

A. Name: VAL CARROLL

B. Date of Birth: OCT. 3, 1944

C. Place of Birth: CHIPPEWA FALLS, WIS.

D. Address: 6040 S.W. 28 STREET, MIAMI, FLA. 33155

E. Phone: or FAX: (305) 661-1296

F. One paragraph biography of artist: Ms. Carroll received her M.F.A. from the Univsity of Miami in fiber sculpture, B.F.A. from Florida International in ceramics & painting, AND her B.S. from the University of Wisconsin in Art education, ceramics and mathematics. The artist has executed numerous sculptures and murals for public commissions, as well as artworks fo residential and corporate sites. She has exhibited and travelled widely. in the USA, the Carribbean, s. America and Europe.

II. Work of Art

A. Title: "DOVE MEDALLION"

B. Medium: CERAMIC CUT & BROKEN MOSAIC

C. Dimensions: 10' X 10'

1. Image Size: DOVES EACH 19" X 28"

2. Overall Size: 10' X 10'
(Image & Frame)

D. Frame Description: N.A.

E. Inscription, marks: "DOVE MEDALLION" VAL CARROLL 1992
lower right corner facing building

F. Artist's statement: A community center is a special place where people of all ages meet to exchange information. Information affects the direction and quality of peoples lives, and thus the future. Doves are age-old symbols of hope, peace and love and were chosen specifically by the artist to welcome, uplift and inspire all who enter this community center.

G. Date artwork was executed: DOVES COMPLETED PREVIOUS YEAR (1991) MAY 18- JUNE 5 installation, 1992

III. Fabrication Information

A. Material(s) (Artwork): PEACH AND TWO SHADES OF GREY AMERICAN OLEAN QUARRY TILE AND TURQUOISE UNGLAZED 2" PORCELAIN TILE, ALSO AM. OLEAN

B. Material Finish: AQUAMIX PENETRATING WATERBASE SEALER TO PROVIDE NATURAL LOOKING FINISH BUT PROTECT GROUT

C. Materials used in the presentation of the artwork:
N.A.

D. Fabricator (name, address, phone):
VAL CARROLL 6040 S.W. 28 STREET, MIAMI, FL 33155

E. Fabrication method (attach diagrams or drawings):
DOVE PIECES WERE CUT WITH A WATER SAW; THE REMAINDER WAS ACCOMPLISHED DIRECTLY ON SITE AT TIME OF INSTALLATION

IV Installation

A. Installation executed by (name, address, phone):
VAL CARROLL 6040 S.W. 28 STREET, MIAMI, FL 33155

B. Installation method (attach diagram of substructure, footings): tiles installed over an existing concrete slab using JAMO thinset, LATICRETE additive, mud mix and JAMO grout with LATICRETE ADDITIVE. AQUAMIX PENETRATING WATERBASE SEALER used.

C. Date of Installation: installation completed June 5, 1992
(plaque, etc.)

V. External Factors

A. Describe physical positioning of the artwork:

ARTWORK IS CENTERED ON THE EXTERIOR ENTRANCEWAY FLOOR UNDER THE COVERED WALKWAY

B. Describe existing environmental factors which may affect the condition of the artwork:

C. If the work is site-specific, describe the relationship of the work to its site:

COMPATIBLE. SIMILAR TILES AND COLORS WERE CHOSEN TO COMPLEMENT THOSE USED BY THE ARCHITECT; THE THEME WAS RESPONSIVE TO THE IDEALS OF THE USER COMMUNITY.

VI. Purchase Information

A. Acquisition Date: APPROX. SEPT, 1989 commission agreement

B. Purchase Price: $3000.00

C. Estimated Value: $10,000.00

VII. MAINTENANCE

A. Short-term: keep area swept and clear of all debris; use Hillyard super-shine all or other Hillyard cleaning products as recommended by American Olean Tile Manufactures to maintain a clean appearance of artwork.

B. Long-term: as above; never use muriatic acid or wax exterior tiles; AQUAMIX offers some water-based products which may be used for finishes if desired , as well as Hillyard

C. Note desired appearance of the artwork: CLEAN WITHOUT SCUFF MARKS; NO GLOSS OR WAX

Signature

June 7, 92
Date

8/90

UFG

"DOVE MEDALLION"

NEVER EVER WAX EXTERIOR TILE!

AMERICAN OLEAN TILE COMPANY, INC.

MAINTENANCE GUIDE UFG

for

CERAMIC MOSAIC FLOORS (PORCELAIN, AS IN BATHROOM FLOORS OR TURQUOISE MOLD AND SQUARE TILE MURAL)

in

GENERAL PURPOSE AREAS

LOCATIONS COVERED BY THIS GUIDE

AUTO SHOWROOMS
BANKS
BREAKFAST ROOMS
CHURCHES
CORRIDORS
DINING ROOMS (RESIDENTIAL)
ENTRYWAYS
FAMILY ROOMS
FOYERS
GAME ROOMS
HALLWAYS
HEARTHS
LABORATORIES
LANDINGS
LAUNDRY ROOMS
KITCHENS (RESIDENTIAL)
LIVING ROOMS
LOBBIES
MALLS
OFFICES
RECREATION ROOMS
SERVICE STATIONS
STAIRWAYS
STORES
WAITING ROOMS

(B[illegible] CLEANING

1. Sweep or vacuum as requ[illegible] loose dust and dirt. Dry mop commercial floors daily with [illegible] treated dust mop.

2. Remove foot marks and small spills with damp mop or sponge.

3. Mix regular cleaning solution of 1/3 cup Hillyard Super Shine-All per gallon of water (1 to 48). Use double bucket or two standard buckets, one containing fresh cleaning solution, the other to receive dirty cleaning solution removed from floor.

4. Apply cleaning solution to floor and agitate with either ~~floor machine and scrubbing brush attachment~~ MOP, or long-handled scrubbing brush. Be especially careful to loosen all dirt in grout joints. Work small areas at a time to keep dirty cleaning solution from drying on floor.

5. Remove all dirty cleaning solution from floor with ~~wet~~ vacuum (HOSE) ~~or auto-scrubber~~.

6. Rinse thoroughly and let floor dry before allowing traffic.

C. HEAVY DUTY CLEANING

Some floors need more th[illegible] regular cleaning to bring them up to their desired level of maintenance. Choose the [illegible] and most effective of the following three methods:

METHOD 1

1. Follow same procedure as B. REGULAR CLEANING but use more concentrated cleaning solution, 2 cups Hillyard Super Shine-All per gallon of hot water (1 to 8). Rinse floor with clean water and allow to dry before opening to traffic.

METHOD 2

1. Apply standard scouring powder to area being cleaned. Add sufficient water to make a workable paste.

2. ~~Use floor machine with nylon scrubbing pad to clean tile surfaces thoroughly.~~ USE STIFF-BRISTLED BROOM

3. ~~Use stiff-bristled scrubbing brush attachment to assure thorough cleaning of grout joints.~~

4. Mop and rinse repeatedly to completely remove all traces of scouring residue.

5. Let floor dry. Use clean, damp mop to remove white smudges which remain, then permit traffic.

METHOD 3

For the most stubborn floors, apply generous quantity of Hillyard [illegible]ame Clean directly from container to center of each tile being cleaned.

2 [illegible]llow Steps 2 - 5 in METHOD 2 above.

ATTACHMENT "C"

Catalog # 1991. 8. Mu

BROWARD COUNTY ART IN PUBLIC PLACES

CATALOGING FORM

I. **Artist Information**

A. Name: Vernon R Payne

B. Date of Birth: 6/11/57

C. Place of Birth: Erie, Pennsylvania

D. Address: 331 Laurina Street Apt 422

E. Phone: (904) 721-6676

F. One paragraph biography of artist:
Graduate of Art Institute of Pittsburgh
Free-lance Graphic Designer/Illustrator
Graphic Designer for University of North Florida

II. **Work of Art**

A. Title: West Ken Lark Park

B. Medium: Acrylics

C. Dimensions: 9ft./25ft.

1. Image Size: 7ft./23ft.

2. Overall Size: (Image & Frame) 7ft./23ft.

D. Frame Description:
N/A

E. Inscription, marks:
"West Ken Lark Park"
Location Top of Mural

F. Artist's statement:

A conglomeration of neighborhood scenes as provided by the Cultural Affairs Council and interpreted by the artist

G. Date artwork was executed: 9/16/91

III. Fabrication Information

A. Material(s) (Artwork):

Acrylics / Polymere / Clear Polyurethane Sealant

B. Material Finish:

Clear Polyurethane Sealant

C. Materials used in the presentation of the artwork:

N/A

D. Fabricator (name, address, phone):

Vernon R. Payne; 331 Laurina Street Apt 422; Jacksonville, Fl. 32216

E. Fabrication method (attach diagrams or drawings):

N/A

IV Installation

A. Installation executed by (name, address, phone):

Vernon R. Payne 331 Laurina Street Apt. 422; Jacksonville, Fl. 32216
(904) 721-6676

B. Installation method (attach diagram of substructure, footings):

Acrylics Paints / Polymers

C. Date of Installation:

9/16/91

V. **External Factors**

A. Describe physical positioning of the artwork:
9ft./25 ft. Wall Mural with 1ft. borders on all sides

B. Describe existing environmental factors which may affect the condition of the artwork:
Mural will be sealed with a Clear Polyurethane Sealant to protect it.

C. If the work is site-specific, describe the relationship of the work to its site:
N/A

VI. **Purchase Information**

A. Acquisition Date: I was first asked about executing this project Approximately four years ago.

B. Purchase Price: $3,000

C. Estimated Value: $3,000

VII. **MAINTENANCE**

A. Short-term:
Wipe down with damp soft cloth (Bi WEEKLY).

B. Long-term:
Dust off weekly. Clean with a damp soft cloth (Bi WEEKLY). Once a year apply a (THIN) coat of Clear Polyurethane Sealant

C. Note desired appearance of the artwork:
As mural ages some of the luster may be lost. If short and long term maintenance Instructions are followed the mural should last indefinately

Signature

8/28/91
Date

8/90

This instrument prepared by:
Larry E. Lymas-Johnson, Deputy County Attorney
Broward County Attorney's Office
115 South Andrews Ave, Rm. 423
Fort Lauderdale, FL 33301
954-357-7600

QUIT CLAIM DEED
(Pursuant to F.S. 125.411)

THIS DEED, made this day of _____, _____, by BROWARD COUNTY, a political subdivision of the State of Florida (the "GRANTOR"), whose address is Governmental Center, Room 423, 115 South Andrews Avenue, Fort Lauderdale, Florida 33301, and THE CITY OF LAUDERHILL, a municipal corporation (the "GRANTEE"), whose address is 2000 City Hall Drive, Lauderhill, Florida 33313.

W I T N E S S E T H:

That GRANTOR for and in consideration of the sum of TEN DOLLARS ($10.00) to it in hand paid by GRANTEE, the receipt whereof is hereby acknowledged, has granted, bargained and sold to GRANTEE, its heirs, successors and assigns, forever, the following described lands, lying and being in Broward County, Florida, to wit:

(See attached Exhibit "A")

SUBJECT TO:

1. The restriction and covenant that the land be used in perpetuity solely and exclusively as a public park, including for public park purposes compatible with recreational and open space practices.

2. All matters of record including but not limited to rights of way, easements, restrictions and matters shown on the plat.

IN WITNESS WHEREOF, GRANTOR has caused these presents to be executed in its name by its Board of County Commissioners acting by the Mayor or Vice-Mayor of said Board, the day and year aforesaid.

(Official Seal)

ATTEST:

_____
County Administrator and
Ex-Officio Clerk of the
Board of County Commissioners
of Broward County, Florida

BROWARD COUNTY, FLORIDA
By Its Board of County Commissioners

By: _____
_____, Mayor

6th day of December, 2005

CAM # 26-0028
Exhibit 1
Page 66 of 198

#313 WEST KEN LARK PARK

Legal Description:

Parcel "A" of West Ken Lark Park Plat recorded in Plat Book 135, Page 46, of the Public Records of Broward County, Florida.

This instrument prepared by:
Larry E. Lymas-Johnson, Deputy County Attorney
Broward County Attorney's Office
115 South Andrews Ave, Rm. 423
Fort Lauderdale, FL 33301
954-357-7600

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(Official Seal)

ATTEST:

_____
County Administrator and
Ex-Officio Clerk of the
Board of County Commissioners
of Broward County, Florida

BROWARD COUNTY, FLORIDA
By Its Board of County Commissioners

By _____
_____, Mayor

_____ day of _____, _____.

#325 SAINT GEORGE PARK

LEGAL DESCRIPTION:

A parcel of land in the Northwest one-quarter (NW¼) of Section 6, Township 50 South, Range 42 East, beginning at a point 50' West of and 3900.75' North of Southeast corner of Southwest one-quarter (SW¼) of Section 6; thence run North 566.28' along a line 50.00' parallel to the East line of said Northwest one-quarter (NW¼); thence run West a distance of 470.00' at an angle of 90°27'53"; thence run South a distance of 564.31'± at an angle of 89°32'47"; thence run East a distance of 470.00' along a line 25.00' North and parallel to center line of N.W. 8th Street and to the P.O.B.

Containing 6.11 acres more or less.

RESOLUTION

BE IT RESOLVED by the Board of County Commissioners of Broward County Florida, that the Clerk of this Board is hereby authorized and directed to make the following budget amendments within the Unincorporated Area Capital Fund (3420) for the fiscal year 2006, pursuant to Section 129.06(2)(d), Florida Statutes.

PARKS AND RECREATION

TRANSFER FROM		TRANSFER TO		AMOUNT
028-2220.9418	Reserves	025-9800.6300	West Ken Lark Fencing	$120,000
			TOTAL	$120,000

Approved County Administrator — Date

Kayla Ola — 10-14-05

Approved Office of Management and Budget — Date

ADOPTED THIS _____ day of _____, A.D., 20 .

City of Lauderhill

August 10, 2005

The Honorable County Mayor
Kristin D. Jacobs
Broward County Governmental Center
115 S. Andrews Ave.
Ft. Lauderdale, FL 33301

Dear Mayor:

I am seeking your help on receiving funds to launch a Community Shuttle Bus in the unincorporated area that is being annexed into the City of Lauderhill. That area being West Ken Lark, the Swap Shop, St. George and Broward Estates (anticipated).

When funds were made available for these Community Shuttle Buses a few years ago, through the extra penny on the gas tax, I repeatedly pointed out that no one at the meetings applied for funds for the unincorporated areas. They went unrepresented throughout the process, and never had a chance to receive any of this funding. As you would well know, these areas would be in the most need for this type of service. The money ultimately went only to cities, with the county providing $20/hour. At this time there are no more funds to add to the system, putting the area most in need to be again the most lacking in services.

Since the City of Lauderhill is annexing these areas, we are willing to provide the funding above the county's share, as we have done on our other routes. All of our present routes greatly exceed the 5 passenger/hour requirement and significantly supplemented BCT ridership. We would expect the same from this new Shuttle Bus.

What we would ask through your budgeting process is for extra funds for the Community Shuttle Bus Committee, of which I am Vice-Chair, specifically for this new route, at the $20/hour rate. Please contact me for any further information.

With Warmest Regards,

Richard J. Kaplan
Mayor, City of Lauderhill

Cc: Chuck Faranda, City Manager
Cc: Preston Henn, Swap Shop
Cc: Mae Smith, President of the St. George Civic Association
Cc: James Bradley, Jr., President of the West Ken Lark Homeowners Association
Cc: Jacob Green, President of Broward Estates Homeowners Association
Cc: Irv Minney, Community Transit Officer, Community Shuttle Bus Committee

"Celebrating 40 Years of Excellence"

2000 City Hall Drive • Lauderhill, Florida 33313 • (954) 730-3010 • Fax (954) 730-3062

BERTHA HENRY, Interim County Administrator
115 S. Andrews Avenue, Room 409 • Fort Lauderdale, Florida 33301 • 954-357-7350 • FAX 954-357-7360

November 14, 2005

Mr. Charles "Chuck" Faranda
City Manager
City of Lauderhill
2000 City Hall Drive
Lauderhill, FL 33313

Dear Chuck,

This letter is intended to update you on the community shuttle issues raised by Mayor Kaplan in his August 10, 2005 letter to Mayor Jacobs and to address the language added to the annexation agreement sent to the County for approval. As you know, the City Commission added the following provision to the annexation agreement sent by the County:

"COUNTY shall provide the CITY with one (1) additional shuttle bus at no cost to the CITY for use in the West Ken Lark and St. George areas."

The County is prepared to transfer ownership of one mini-bus to the City to comply with the above provision. The above language, however, does not require the County to provide funds for the City to operate a bus route to serve the annexed areas. To better serve the remaining Central County unincorporated areas and in response to Mayor Kaplan's concerns, staff has been working with our vendor to re-design an existing County transit service in order to provide shuttle services within West Ken Lark, St. George and other currently unserved areas. The route has already been designed and tested. County staff has also solicited and incorporated many of Mayor Kaplan's suggestions on the proposed route. Staff is prepared to recommend to the County Commission approval of an amendment to the existing vendor contract to include the new shuttle route at no cost to the City. If the amendment is approved, the County would continue to fund this route until the vendor contract expires on June 20, 2008.

Over the next year, there will be an opportunity for the City to obtain funding to operate its own shuttle route including the annexed areas. The County Commission has already approved a "transit concurrency" plan which provides funding for an additional shuttle route during FY 2007 within the "concurrency district" that the City is a part of. Once the selection criteria and process is established, the City can apply for these funds. If the City is awarded a new route, the County would re-route the existing service to other unserved areas.

Broward County Board of County Commissioners
Josephus Eggelletion, Jr. • Ben Graber • Sue Gunzburger • Kristin D. Jacobs • Ilene Lieberman • John E. Rodstrom, Jr. • Jim Scott • Diana Wasserman-Rubin • Lois Wexler
www.broward.org

If the City supports the route, as stated above and represented in the attached map, please reply with a letter stating the City's concurrence so that both the interlocal agreement and the amendment to the County's existing vendor contract can be placed on the County Commission's agenda for approval. This approach goes significantly beyond what is requested in the interlocal agreement approved by the City and satisfies the concerns raised by the Mayor in his August 10th letter.

Sincerely,

Bertha W. Henry,
Interim County Administrator

BWH/ko/ds

Encl.

cc: Mayor Richard Kaplan, City of Lauderhill
Zach Williams, Assistant County Administrator
Rob Hernandez, Assistant to the County Administrator
Pam Madison, Director, Office of Public and Governmental Relations
Larry Lietzke, Director. Community Services Department
Chris Walton, Director, Mass Transit Division

Exhibit 5

City of Lauderhill

Charles Faranda, City Manager

November 30, 2005

Ms. Bertha W. Henry
Interim County Administrator
115 S. Andrews Avenue, Room 409
Fort Lauderdale, Florida 33301

Re: Shuttle Bus

Dear Ms. Henry:

I am in receipt of your letter of November 14, 2005 referencing the additional shuttle bus **at no cost to the city** for use in the West Kenlark and St. George areas.

It is my understanding that in order to better serve the remaining Central County unincorporated areas and in response to Mayor Kaplan's concerns, a redesign of an existing county transit service has been established, providing shuttle services within the West Kenlark, St. George unserved areas until June 20, 2008.

With this in mind, and after reviewing the proposed route, the City is in concurrence with the transit plan.

Sincerely,

Charles Faranda
City Manager

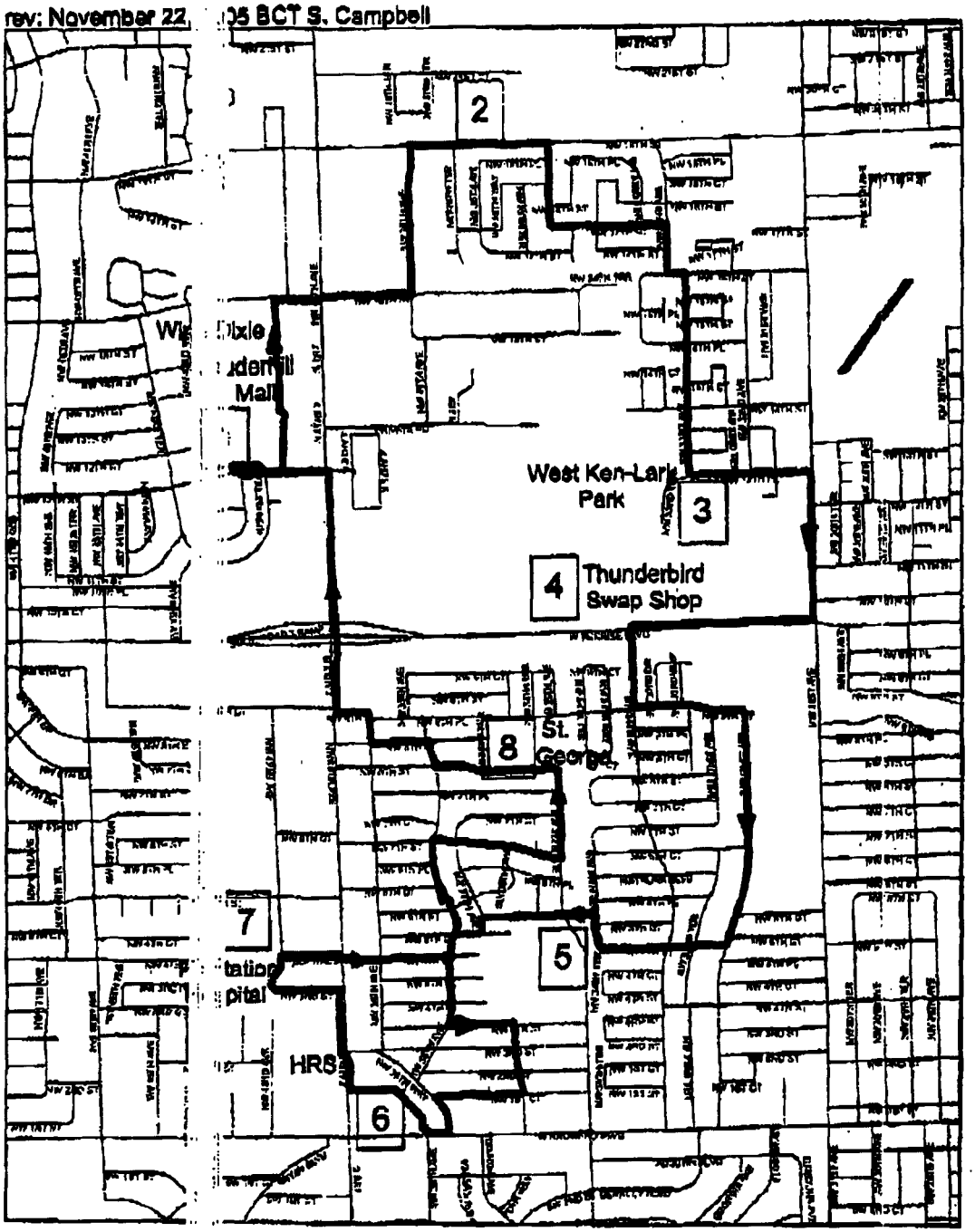
Cc: Mayor Richard J. Kaplan
Desorae Giles-Smith, Assistant City Manager
Irvin Kiffin, PALS Director

"Celebrating 40 Years of Excellence"

2000 City Hall Drive • Lauderhill, Florida 33313 • (954) 730-3000 • Fax (954) 730-3025

UDERHILL ROUTE 6 - Draft 2

rev: November 22, 05 BCT S. Campbell



8.5 mile c kwise loop, 40 min round trip, 40 min frequency with 1 mini buse

Resolution 2005-876

BE IT RESOLVED by the Board of County Commissioners of Broward County Florida, that the Clerk of this Board is hereby authorized and directed to make the following budget amendments within the Unincorporated Area Capital Fund (3420) for the fiscal year 2006, pursuant to Section 129.06(2)(d), Florida Statutes.

PARKS AND RECREATION

TRANSFER FROM		TRANSFER TO		AMOUNT
028-2220.9418	Reserves	025-9800.6300	West Ken Lark Fencing	$120,000
			TOTAL	$120,000

Approved County Administrator — Date 12/6/05

Approved Office of Management and Budget — Date 10-14-05

ADOPTED THIS 6th day of December, A.D., 20 05.

COUNTY COMMISSIONERS CREATED OCT. 1ST 1915 BROWARD COUNTY FLORIDA

EXHIBIT 3
Fort Lauderdale Melrose Park Annexation Agreement

AGREEMENT

Between

BROWARD COUNTY

and the

CITY OF FORT LAUDERDALE

related to

ANNEXATION OF THE MELROSE PARK AREA

This is an Agreement, made and entered into by and between: BROWARD COUNTY, a political subdivision of the State of Florida, acting by and through its Board of County Commissioners, hereinafter referred to as "COUNTY," and the City of Fort Lauderdale, a Florida municipal corporation, hereinafter referred to as "CITY."

WHEREAS, in order to establish the background, context, and frame of reference for this Agreement and the objectives and intentions of COUNTY and CITY, the following statements, representations, and explanations are predicates for the undertakings and commitments included within the provisions which follow and shall be construed as essential elements of the mutual considerations upon which this Agreement is based; and

WHEREAS, it is the purpose and intent of this Agreement for COUNTY and CITY to provide for a means by which each governmental entity may exercise cooperatively its respective powers and privileges in order to further a common goal; and

WHEREAS, this Agreement is an interlocal agreement entered into pursuant to Section 163.01, Florida Statutes, the Florida Intergovernmental Cooperation Act of 1969, as amended. Prior to the effectiveness of any provisions of this Agreement and any amendments hereto, this Agreement including any amendments shall be filed as provided by Section 163.01(11); and

WHEREAS, the State of Florida enacted Chapter 2001-291, Laws of Florida, during the 2001 legislative session which resulted in the portions of the unincorporated area in Broward County described therein (hereinafter sometimes referred to as the "Melrose Park Area") being annexed into the municipal boundaries of the CITY; and

WHEREAS, the parties anticipate that the annexation of the Melrose Park Area into the CITY will be effective September 15, 2002; and

WHEREAS, CITY has requested that COUNTY cease to provide municipal services to the Melrose Park Area upon September 15, 2002; and

WHEREAS, CITY shall be entitled to collect all revenues for the municipal services provided by the CITY to the Melrose Park Areas on or after October 1, 2002 except as otherwise provided in this agreement; and

WHEREAS, it is mutually beneficial to CITY and COUNTY to ensure a smooth transition of the Melrose Park Area from the COUNTY to CITY; NOW, THEREFORE,

IN CONSIDERATION of the mutual terms, conditions, promises, covenants, and payments hereinafter set forth, COUNTY and CITY agree as follows:

ARTICLE 1

DEFINITIONS AND IDENTIFICATIONS

1.1 **Agreement** - means this document, Articles 1 through 5, inclusive. Other terms and conditions are included in the exhibits and documents that are expressly incorporated by reference.

1.2 **Board** - The Broward County Board of County Commissioners.

1.3 **City Contract Administrator** – The City of Fort Lauderdale's City Manager is the CITY Contract Administrator.

1.4 **County Contract Administrator** – The Broward County Administrator is the County Contract Administrator.

ARTICLE 2

SERVICES AND REVENUE

CITY shall begin to provide municipal services to the Melrose Park Area, as legally described in **Exhibit A**, on September 15, 2002. The transition of certain services shall be implemented in accordance with the provisions of **Exhibit B**. The COUNTY shall continue to receive all local government revenues generated in or applicable to Melrose Park from the date of annexation until October 1, 2002, unless otherwise provided for in this Agreement. CITY agrees that all such revenues shall inure to COUNTY. If for any reason, COUNTY's authority to collect and/or retain such revenues is invalidated by a court of competent jurisdiction, CITY shall pay COUNTY a sum equal to the amount COUNTY would have been entitled as expressed in this Agreement. If COUNTY is required to refund or pay over any such monies to CITY or any person(s), CITY shall pay to COUNTY an amount equal to such payment, including all paid or payable interest if any. Notwithstanding any other provision, the parties' obligations under this Agreement shall not extend beyond December 31, 2007. If all obligations have not been completed by this date, COUNTY and CITY agree to negotiate in good faith for the completion of such outstanding obligations.

ARTICLE 3

GOVERNMENTAL IMMUNITY AND LIABILITY RISK

Nothing contained in this Agreement is intended to serve as a waiver of sovereign immunity by any party. CITY assumes the risk for any and all loss and liability which results from this Agreement, if any, which are not the fault of COUNTY. COUNTY urges CITY to insure against potential loss and liability through CITY's insurance carrier as COUNTY does not assume or accept responsibility or liability for CITY by any means, whether insurable or otherwise, when such loss or liability is not the fault of COUNTY.

ARTICLE 4

TERMINATION

In the event of breach, this Agreement may be terminated by the aggrieved party, acting by and through its governing body, upon not less than ten (10) days written notice to the other party. Such written notice shall specifically identify the breach. This Agreement may also be terminated by either parties' Contract Administrator upon such notice as such Contract Administrator deems appropriate under the circumstances in the event such Contract Administrator determines that termination is necessary to protect the public health or safety. Notice of termination shall be provided in accordance with the "NOTICES" section of this Agreement.

ARTICLE 5

MISCELLANEOUS

5.1 OWNERSHIP OF DOCUMENTS

Any and all reports, photographs, surveys, and other data and documents created in connection with this Agreement are and shall remain the property of the party that created same and CITY shall accept from COUNTY for lawful management, retention, destruction, and/or disclosure any such documents delivered to CITY by COUNTY.

5.2 AUDIT RIGHT AND RETENTION OF RECORDS

CITY and COUNTY shall have the right to audit the books, records, and accounts that are related to this Agreement. CITY and COUNTY shall keep such books, records, and accounts as may be necessary in order to record complete and correct entries related to this Agreement.

CITY and COUNTY shall preserve and make available, at reasonable times for examination and audit, all financial records, supporting documents, statistical records, and any other documents pertinent to this Agreement for the required retention period of the Florida Public Records Act (Chapter 119, Fla. Stat.), if applicable, or, if the Florida Public Records Act is not applicable, for a minimum period of three (3) years after termination of this Agreement. If any audit has been initiated, the books, records, and accounts shall be retained until completion of the audit; provided, that if audit findings have not been resolved, such books, records, and accounts shall be retained until resolution of the audit findings.

5.3 NONDISCRIMINATION

CITY shall not unlawfully discriminate against any person in its operations and activities or in its use or expenditure of funds in fulfilling its obligations under this Agreement. CITY shall affirmatively comply with all applicable provisions of the Americans with Disabilities Act (ADA), including Titles I and II of ADA (regarding nondiscrimination on basis of disability), and all applicable regulations, guidelines, and standards. In addition, CITY shall take affirmative steps to ensure nondiscrimination in employment against disabled persons.

CITY's decisions regarding delivery of services under this Agreement, if any, shall be made in accordance with all applicable Federal, State, and local laws or regulations and City policies and regulations addressing factors which cannot be lawfully used as a basis for service delivery and shall not engage in or commit any discriminatory practice in violation of such laws, regulations, and policies in performing any services, if any, pursuant to this Agreement.

5.4 INDEPENDENT CONTRACTOR

No partnership, joint venture, or other joint relationship is created hereby. Neither COUNTY nor CITY extends to the other's agent(s) any authority of any kind to bind them in any respect whatsoever.

5.5 THIRD PARTY BENEFICIARIES

Neither CITY nor COUNTY intends to directly or substantially benefit a third party by this Agreement. Therefore, the parties agree that there are no third party beneficiaries to this Agreement and that no third party shall be entitled to assert a claim against either of them based upon this Agreement.

5.6 NOTICES

Whenever either party desires to give notice to the other, such notice must be in writing, sent by certified United States Mail, postage prepaid, return receipt requested, or by hand delivery with a request for a written receipt of acknowledgment of delivery, addressed to the party for whom it is intended at the place last specified. The place for giving notice shall remain the same as set forth herein until changed in writing in the manner provided in this section. For the present, the parties designate the following:

FOR BROWARD COUNTY:

Broward County Administrator
Governmental Center, Room 409
115 South Andrews Avenue
Fort Lauderdale, Florida 33301

FOR CITY:

CITY Manager
100 North Andrews Avenue
Fort Lauderdale, Florida 33301

5.6 ASSIGNMENT

Neither this Agreement nor any interest herein shall be assigned, transferred, or encumbered.

5.7 WAIVER OF BREACH

Neither COUNTY's nor CITY's failure to enforce any provision of this Agreement shall be deemed a waiver of such provision or modification of this Agreement. A waiver of any breach of a provision of this Agreement shall not be deemed a waiver of any subsequent breach and shall not be construed to be a modification of the terms of this Agreement.

5.8 COMPLIANCE WITH LAWS

Each party shall comply with all federal, state, and local laws, codes, ordinances, rules, and regulations with respect to its commitments, duties, responsibilities, and obligations pursuant to this Agreement.

5.9 SEVERANCE

In the event a court of law should find any part of this Agreement to be invalid or unenforceable, the remaining terms of the Agreement shall be considered unaffected and enforceable to the fullest extent of the law, provided the parties' original intent is not materially affected by exclusion of an unenforceable or invalid provision. The parties agree that any provision(s) held wholly or partly invalid or unenforceable will be deemed amended, and the court is authorized to reform the provision(s), to the minimum extent necessary to render them valid and enforceable in conformity with the parties' intent as manifested herein.

5.10 JOINT PREPARATION

In interpreting this Agreement, no significance shall be given to the fact that one party may have authored the Agreement; rather, this Agreement shall be construed as a mutually acceptable document fully and fairly negotiated by the parties hereto.

5.11 PRIORITY OF PROVISIONS

If there is a conflict or inconsistency between any term, statement, requirement, or provision of any exhibit attached hereto, any document or events referred to herein, or any document incorporated into this Agreement by reference and a term, statement, requirement, or provision of Articles 1 through 8 of this Agreement, the term, statement, requirement, or provision contained in Articles 1 through 8 shall prevail and be given effect.

5.12 CONSTRUCTION OF AGREEMENT

The truth and accuracy of each "Whereas" clause set forth above is acknowledged by the parties and are hereby incorporated into and made a part of this Agreement. It is the intent of the parties that this Agreement shall be liberally construed and interpreted consistent with the "Whereas" clauses set forth herein so as to fully effectuate its purposes and intent.

5.13 JURISDICTION, VENUE, WAIVER OF JURY TRIAL

This Agreement shall be interpreted and construed in accordance with and governed by the laws of the state of Florida. Any controversies or legal problems arising out of this Agreement and any action involving the enforcement or interpretation of any rights hereunder shall be submitted to the jurisdiction of the state courts of the Seventeenth Judicial Circuit and venue for litigation arising out of this Agreement

shall be in such state courts. By entering into this Agreement, CITY and COUNTY hereby expressly waive any rights either party may have to a trial by jury of any civil litigation related to this Agreement.

5.14 AMENDMENTS

No modification, amendment, or alteration in the terms or conditions contained herein shall be effective unless contained in a written document prepared with the same or similar formality as this Agreement and executed by the Board and CITY.

5.15 PRIOR AGREEMENTS

This document represents the final and complete understanding of the parties and incorporates or supersedes all prior negotiations, correspondence, conversations, agreements, and understandings applicable to the matters contained herein. The parties agree that there is no commitment, agreement, or understanding concerning the subject matter of this Agreement that is not contained in this written document. Accordingly, the parties agree that no deviation from the terms hereof shall be predicated upon any prior representation or agreement, whether oral or written.

5.16 REPRESENTATION OF AUTHORITY

The individuals executing this Agreement on behalf of any entity do hereby represent and warrant that they are on the date of this Agreement duly authorized by all necessary and appropriate action to execute this Agreement on behalf of their principal. Each party hereby represents that the execution, delivery, and performance of this Agreement constitutes their valid and binding obligation.

5.17 RECORDING

Either COUNTY or CITY may, at the sole expense of the party electing to do so, record this Agreement at in the Official Records pursuant to Section 28.222, Florida Statutes, any time after it is fully executed and acknowledged. The party electing to record this Agreement in the Official Records shall notify the other party of the OR Book and Page Number of the recorded Agreement.

5.18 MULTIPLE ORIGINALS

Multiple copies of this Agreement may be executed by all parties, each of which, bearing original signatures, shall have the force and effect of an original document.

IN WITNESS WHEREOF, the parties hereto have made and executed this Agreement: BROWARD COUNTY through its BOARD OF COUNTY COMMISSIONERS, signing by and through its Chair or Vice Chair, authorized to execute same by Board action on the 3rd day of December, 2002, and CITY, signing by and through its Mayor and CITY Clerk, duly authorized to execute same.

COUNTY

ATTEST:

Broward County Administrator, as
Ex-officio Clerk of the Broward County
Board of County Commissioners

BROWARD COUNTY, by and through
its Board of County Commissioners

By _____
Vice-Chair

3rd day of December, 2002

Approved as to form by
EDWARD A. DION, County Attorney
for Broward County, Florida
Governmental Center, Suite 423
115 South Andrews Avenue
Fort Lauderdale, Florida 33301
Telephone: (954) 357-7600
Telecopier: (954) 357-7641

Insurance requirements
approved by Broward County
Risk Management Division

By _____
(Date)

By _____ 11-20-02
Larry E. Lymas-Johnson (Date)
Deputy County Attorney

AGREEMENT BETWEEN BROWARD COUNTY AND THE CITY OF FORT LAUDERDALE RELATED TO ANNEXATION OF THE MELROSE PARK AREA

CITY

THE CITY OF
FORT LAUDERDALE

By _____

4 day of November, 2002

ATTEST:

_____
Lucy Kisela, City Clerk

Approved as to form:

By _____
asst. City Attorney

(SEAL)

ACKNOWLEDGMENT FOR CITY

STATE OF FLORIDA
COUNTY OF BROWARD

The foregoing instrument was acknowledged before me this 30 day of October, 2002 by Jim Naugle as Mayor of the City of Fort Lauderdale, a municipal Florida corporation, on behalf of the municipal corporation, who is personally known to me.

My Commission Expires: 8/12/05

Lynn R Morris
NOTARY PUBLIC, STATE OF FLORIDA
(Signature of Notary Taking Acknowledgment)

LYNN R MORRIS
(Name of Acknowledger Typed, Printed or Stamped)

Commission Number DD044981

STATE OF FLORIDA
COUNTY OF BROWARD

The foregoing instrument was acknowledged before me this 30 day of October, 2002 by Lucy Kisela as City Clerk of the City of Fort Lauderdale, a municipal Florida corporation, on behalf of the municipal corporation, who is personally known to me.

My Commission Expires: 8/12/05

Lynn R Morris
NOTARY PUBLIC, STATE OF FLORIDA
(Signature of Notary Taking Acknowledgment)

OFFICIAL NOTARY SEAL
LYNN R MORRIS
NOTARY PUBLIC STATE OF FLORIDA
COMMISSION NO. DD044981
MY COMMISSION EXP. AUG. 12,2005

LYNN R MORRIS
(Name of Acknowledger Typed, Printed or Stamped)

Commission Number DD044981

ACKNOWLEDGMENT FOR COUNTY

STATE OF FLORIDA
COUNTY OF BROWARD

The foregoing instrument was acknowledged before me this 3rd day of [illegible] 2002 by [illegible], Chair of the Broward County Board of County Commissioners, who is personally known to me ~~or who has produced~~ _____ as identification.

My Commission Expires:

Grace Notaro
Commission # CC 926012
Expires April 9, 2004
Bonded Thru
Atlantic Bonding Co., Inc.

Grace Notaro
Signature of Notary Public

GRACE NOTARO
(Typed or printed name)

EXHIBIT A

LEGAL DESCRIPTION

The legal description of the Melrose Park Area is as follows:

That portion of Section 7, Township 50 South, Range 42 East, Broward County, Florida, described as follows:

BEGINNING at a point on the boundary of the City of Plantation established by Chapter 68-101, Laws of Florida, being the Southeast corner of Lot 34, Block 11, MELROSE PARK Section 7, as recorded in Plat Book 39, Page 35, Public Records of Broward County, Florida;

THENCE continuing along the said boundary of the City of Plantation, the following 10 courses and distances;

THENCE Northerly along the East lines of Lots 34 through 24, and the Northerly extension thereof, and the East lines of Lots 12 through 1, Block 6, and the Northerly extension thereof, and the East line of Lot 9, Block 1, to a point 50 ft. North of the Northeast corner of Lot 9, Block 1, all in the said MELROSE PARK Section 7;

THENCE Easterly 133.75 ft. along the North right-of-way line of a canal as shown by said MELROSE PARK Section 7;

THENCE Northerly along the East line of Tract 1, as shown by said MELROSE PARK Section 7, 425 ft. to the Northeast corner of said Tract 1;

THENCE Northerly 70 ft. more or less to the Southeast corner of Tract 3, according to MELROSE PARK Section 8, as recorded in Plat Book 39, Page 36, of the Public Records of Broward County, Florida;

THENCE Northerly along the East line of said Tract 3 to a point of intersection with the Westerly extension of the South line of Lot 1, Block 4, according to the said MELROSE PARK Section 8;

THENCE Easterly along the South line of said Lot 1, Block 4, and the Westerly extension thereof according to said MELROSE PARK Section

8, to the Southeast corner of said Lot 1, Block 4;

THENCE Northerly along the East line of said Lot 1, Block 4, and the Northerly extension thereof to the North right-of-way line of Southwest 2nd Court, according to said MELROSE PARK Section 8;

THENCE East along the North right-of-way line of said Southwest 2nd Court to the West right-of-way line of S.W. 38th Ave., as shown by said MELROSE PARK Section 8;

THENCE North along the said West right-of-way line of S.W. 38th Ave., 865 ft. more or less to the South right-of-way line of Broward Blvd., as shown by the said MELROSE PARK Section 8;

THENCE East along the said South right-of-way line of Broward Blvd., to a point of intersection with the North line of Tract 2 of said MELROSE PARK Section 8, being the point of curvature of a circular curve concave to the Southeast having a radius of 25 ft. and tangent to the West line of said Tract 2 and the boundary of the City of Plantation established by City of Plantation Ordinance No. 581;

THENCE continuing along said boundary of the City of Plantation the following 6 courses;

THENCE West through South along the arc of said curve to the said point of tangency;

THENCE Southerly along the said West line of Tract 2 to the Southwest corner of said Tract 2;

THENCE East along the South line of said Tract 2 to the West line of the East One-Half of the Northwest One-Quarter of said Section 7, also being a point on the West line of Tract 1A, MELROSE PARK Section 6, recorded in Plat Book 36, Page 24, Public Records of Broward County, Florida;

THENCE South along said West line to the Southwest corner of said Tract 1A;

THENCE East along the South line of said Tract 1A to the Southeast corner thereof;

THENCE North along the East line of said Tract 1A to the point of intersection with the North line of the South 90 ft. of said Tract 1A;

THENCE continuing along the boundary of the City of Plantation established by City of Plantation Ordinance No. 1083, the following 4 courses;

THENCE continuing North along the said East line of Tract 1A to the point of curvature of a curve concave to the Southwest, having a radius of 25 feet;

THENCE North through West along said curve to the point of tangency with the North line of said Tract 1A;

THENCE West along said North line to a point of intersection with the West line of the North 140 feet of the East 46 feet of aforesaid Tract 2, MELROSE PARK Section 8;

THENCE South along the said West line to a point of intersection with the South line of the North 140 feet of the East 46 feet of said Tract 2;

THENCE continuing along the boundary of the City of Plantation established by aforesaid Ordinance No. 581, the following 4 courses;

THENCE South along the West line of the North 10 ft. of the South 90 ft. of said Tract 2 to

the North line of the South 80 ft. of said Tract 2;

THENCE West along the said North line to the West line of the East 136 ft. of said Tract 2;

THENCE North along the said West line to the North line of said Tract 2;

THENCE West along the said North line to the Southerly prolongation of the centerline of N.W. 38th Way, as shown by the plat of BROWARD ESTATES, as recorded in Plat Book 34, Page 19, Public Records of Broward County, Florida;

THENCE North along the said prolongation of the centerline of N.W. 38th Way, being along the boundary of the City of Plantation established

by aforesaid Chapter 68-101, to the North line of said Section 7;

THENCE East along the North line of said Section 7 to the West right-of-way line of S.W. 31st Avenue, as described in Chapter 69-1057, Laws of Florida, annexing lands into the City of Fort Lauderdale, Florida;

THENCE along the boundary of the City of Fort Lauderdale, established by said Chapter 69-1057 the following 2 courses;

THENCE South along the said West right-of-way line to the South boundary of said Section 7;

THENCE West along the said South boundary to the POINT OF BEGINNING.

EXHIBIT B

OBLIGATIONS OF CITY AND COUNTY

1. Transition of Certain Services to CITY - Except as otherwise provided in this Agreement, the transition of the following services shall be in accord with the provisions of this Exhibit B:
    - Building Code Services
    - Zoning Code Services
    - Planning, Zoning and Development Review
    - Engineering /Right-of-Way Management
    - Street Maintenance
    - Waterway Management and Maintenance
    - Community Development
    - Neighborhood Parks
    - School Guards
    - Law Enforcement
    - Fire Rescue
    - Street Lighting
    - Garbage and Trash Collection

2. Records – Except as otherwise provided in this Agreement, records for the Riverland Area, including but not limited to building, zoning, engineering permits, and fire inspection records will be transferred to the CITY commencing September 15, 2002, and proceed continuously thereafter until records in the annexation area are transferred to the City.

3. Building, Zoning, Planning and Development, and Engineering Services - Except as otherwise provided in this Agreement, any building, zoning, planning and development, or engineering permit application filed prior to September 15, 2002 shall be issued, inspected and finalized by COUNTY, as well as all applications for permits or variances filed after September 15, 2002 that are associated with a permit application or master permit filed or issued prior to September 15, 2002. Except as otherwise provided herein, any building, zoning, planning and development, or engineering application permit filed on or after September 15, 2002 shall be issued, inspected and finalized by CITY.

   On September 15, 2002, COUNTY agrees to hold in abeyance all building, zoning or other code enforcement actions that have not been issued an order by the court, except for those code enforcement actions that are associated with a permit application or master permit filed or issued prior to September 15, 2002. If a code enforcement action has not been abated as provided herein, County shall continue with enforcement of the matter. County's records of all actions that are abated as provided herein shall be forwarded to the CITY for further enforcement action.

   COUNTY shall be responsible for the review of all final site plan applications which have not received a development order from Broward County by September 15, 2002. The Future Unincorporated Land Use Element of the Broward County Comprehensive Plan shall remain in effect until CITY adopts an ordinance changing such land use designation by a majority of the full governing body of CITY. Upon annexation, CITY shall be responsible for implementation and administration of the Future Unincorporated Land Use Element of the Broward County Comprehensive

Plan and the County's Zoning Code within the annexed area until CITY adopts an ordinance changing such land use designation and such zoning code. Zoning designations under the Broward County Zoning Code shall remain in effect until CITY adopts an ordinance changing the Land Use and zoning designations.

4. Engineering and Right-of-Way Management – COUNTY and CITY agree that the jurisdiction and responsibility for public roads and title to the right-of-way for public roads within the area described in Exhibit "A" entitled "Legal Description", hereinafter referred to as "transferred roads", shall transfer from the COUNTY to the CITY effective September 15, 2002, pursuant to Section 335.0415, Florida Statutes. CITY and COUNTY agree and acknowledge that all legal rights, title, interest, and responsibilities, including but not limited to, the planning, design, construction, improvement, and maintenance of the transferred roads are relinquished by COUNTY and accepted by CITY effective September 15, 2002, except as hereinafter provided.

   Bonds held for outstanding Engineering permits will be maintained until successful completion of the one-year warranty maintenance period. COUNTY shall continue to monitor outstanding engineering permits for compliance through the warranty maintenance period until final acceptance by COUNTY. After acceptance, COUNTY shall notify CITY that COUNTY will close its files and it shall be the CITY's responsibility to ensure compliance.

   COUNTY shall provide all permitting and inspection services within the right-of-way based on COUNTY standards for the infrastructure improvement projects as specifically identified in Section 15. CITY shall be notified of all right-of-way improvements associated with the infrastructure improvement projects as provided in Section 15. CITY may jointly inspect the infrastructure improvements at its own expense. CITY shall direct any related findings or issues to the COUNTY's Office of Environmental Services and not the COUNTY's contractor.

5. Street Maintenance – CITY hereby irrevocably accepts responsibility for maintenance of the transferred roads as described in Section 4, including but not limited to street lighting and irrigation. The rights-of-way in the Melrose Park Area shall be included within the traffic engineering agreement between the COUNTY and CITY with regard to traffic control devices.

6. Waterway Management and Maintenance – COUNTY shall provide CITY with listing of COUNTY owned ditches, swales, canals, and storm sewers prior to January 1, 2005. CITY agrees to accept conveyance and ownership of all ditches, swales, canals, and storm sewers owned by COUNTY which shall irrevocably and unconditionally become owned by CITY on the date COUNTY advises CITY of the existence of such ditch, swale, canal or storm sewers. All storm sewers and associated storm water outfalls serving roads that are transferred to CITY as part of the annexation shall be owned by CITY. Storm sewers and the associated outfalls that primarily serve roads that will remain COUNTY's responsibility shall remain the responsibility of COUNTY.

7. Garbage Collection - COUNTY shall continue to provide waste collection and recycling services until December 31, 2002. COUNTY shall retain all garbage collection residential and commercial franchise fees and other applicable revenues payable for all periods through December 31, 2002. COUNTY will have collected the special assessments for these services, thus the transition of services shall be

effective on January 1, 2003, to the extent provided by Florida Statute.

8. Community Development Block Grant and HOME Grant Programs - COUNTY shall complete capital projects that have been budgeted, unless COUNTY and CITY agree in writing to complete the budgeted projects in another method. Further, until such time that the U.S. Department of Housing & Urban Development (HUD) recognizes the population of the Riverland Area as part of the City of Fort Lauderdale and this recognition is reflected in CITY's annual CDBG and HOME entitlement distribution, COUNTY shall permit the CITY, or eligible organizations when supported by the CITY, to make application for and receive a pro rata allotment of CDBG and HOME funds, based on the population of the Riverland Area, which COUNTY is qualified to receive from the U.S. Department of Housing and Urban Development (HUD). The CITY shall advise the U.S. Census Bureau in writing prior to December 31, 2002, that the annexation is effective September 15, 2002 and request certification of the annexed area as part of the City of Fort Lauderdale be forwarded to HUD to facilitate the adjustment of the City's annual CDBG and HOME entitlement amounts. Once HUD adjusts the annual entitlement amounts, the terms of this paragraph shall become null and void.

9. Neighborhood Parks - Title to Melrose Park and the COUNTY-owned personal property in such park shall be transferred to CITY on September 15, 2002. The land for the park must be used in perpetuity for public park purposes which restriction shall be included in the deeds or other instruments of conveyance as determined by COUNTY.

10. School Guards - COUNTY shall cease providing school guard services in the annexed area on September 15, 2002.

11. Law Enforcement – CITY hereby accepts responsibility for law enforcement upon September 15, 2002.

    COUNTY agrees to encourage the Broward Sheriff's Office to cooperate in the sharing of criminal activity information with the Fort Lauderdale Police Department. It is recognized that over the years the Broward Sheriff's Office has accumulated a significant amount of intelligence and criminal information regarding this geographic area. It is in the best interest of the community that this information be shared with the Fort Lauderdale Police Department. In order to facilitate a seamless and uninterrupted transition of police services COUNTY and CITY desire that the following shall occur between the CITY and the Broward Sheriff's Office:

    1) Sharing of information regarding known offenders
    2) Sharing of information regarding specific locations and suspects known for narcotics, prostitution and/or other repeat felonious activity
    3) Sharing of all open and unsolved felony criminal cases
    4) Sharing of intelligence and investigative information
    5) Sharing of recent crime trend reports

12. Fire Rescue – COUNTY shall cease providing fire rescue service in the annexed area on September 15, 2002. CITY hereby accepts responsibility for fire rescue service upon September 15, 2002.

13. Allocation of Revenues - CITY shall coordinate the notification and filing for the necessary steps to ensure that all municipal and State revenue sources are transitioned to CITY on October 1, 2002. The COUNTY shall make provisions for

per capita revenue sharing payments to the CITY on behalf of the Melrose Park Area until that point in time at which all State of Florida revenue sharing resources, based on population formulas, which recognize the population of the Melrose Park Area as part of the City of Fort Lauderdale and that recognition is reflected in CITY's annual share of State revenues.

14. Street Lighting – City hereby accepts assignment of and shall be responsible for any contracts COUNTY has with the Florida Power and Light Company or other entity for the maintenance and operation of existing street lights and the installation of new street lights within the annexed area as of September 15, 2002. City agrees to provide written notification of its responsibility for street lighting to Florida Power and Light Company and/or any other entity entitled to notice of such assignment.

15. Infrastructure Improvement Program - COUNTY shall administer the Melrose Park portion of the Central County Neighborhood Improvement Program defined as follows:

    A. The boundaries for the Melrose Park portion of the Central County Neighborhood Improvement Program are: are SW 31st Avenue, Davie Boulevard, Broward Boulevard, and State Road 7. The eastern half the Melrose Park is serviced by Fort Lauderdale water only. The neighborhood is split into 4 construction packages, each of which include the following planned improvements: upgrading the sanitary sewer collection system, replacing the potable water distribution system, improvement to the storm water drainage system, repaved roadways, new sidewalks where none exist, and landscaping improvement in the swales.

        1) Bid Package 1 – This contract was awarded to Bergeron Land Development in December 1999. Bergeron is currently 14 months behind schedule and the Office of the County Attorney is negotiating with Bergeron's legal counsel.
        2) Bid Package 4 – This contract was awarded to Foster Marine Contractors in November 2000. Construction is expected to be complete on time in July 2002.
        3) Bid Package 10 – This project is currently scheduled to begin construction in 2004
        4) Bid Package 12 – This project is currently scheduled to begin construction in 2005.

    A. COUNTY shall provide funding and administer projects within the Infrastructure Improvement Project boundaries until completion. Each project shall be complete upon the COUNTY's issuance of the Final Certificate of Payment.

    B. The projects are estimated to cost $32 million.

    C. COUNTY and CITY agree to take whatever steps are necessary to ensure a coordinated capital improvements approach with planned COUNTY water and wastewater improvement projects. It is anticipated that the Broward County Office of Environmental Services (BCOES) will implement both the Utility and non-Utility funded projects simultaneously. BCOES shall submit design plans for each bid package to CITY staff at the thirty percent (30%), sixty percent (60%), and ninety percent (90%) review stages and shall allow CITY staff thirty (30) days from such submission of the design plans to offer suggestions. BCOES

shall be the final authority concerning acceptance or rejection of any suggestions. No suggestions shall be accepted after designs are complete.

D. To ensure the smooth implementation of infrastructure improvement projects, COUNTY shall be responsible for right-of-way permitting and inspections services and for permitting and inspection of utility connections on private property in accordance with COUNTY standards for the purposes of implementing the infrastructure projects listed in this Section 15. All permit fees or other fees relating to the infrastructure improvements projects will be paid to COUNTY, if COUNTY is the entity providing the inspection and/or permitting services.

E. To ensure the smooth transition of infrastructure maintenance, upon completion of the Project, COUNTY shall provide record drawings, certified by the Engineer of record, to CITY. The COUNTY's goal is to complete all infrastructure improvement projects for the Melrose Park Area neighborhood on or about December 31, 2006.

16. Melrose Park Neighborhood Preservation and Enhancement District - City hereby acknowledges the existence of the District and agrees that within one year of annexation of the area where the District is located, City shall review with residents of the area the provision of City services to the area and determine whether it is in the public interest to continue the District and adopt an ordinance as provided in 163.524 (1) authorizing the City's participation in the NEP and designating or creating an agency to be responsible for the enforcement of the Neighborhood Enhancement Plan.

EXHIBIT 4
South Florida Water Management District Permit 06-02523-P
Application 000222-3 for Melrose Park Storm System, and
Application 99618-10 for Lauderhill Storm System

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

CONSTRUCTION COMPLETION / CERTIFICATION

PERMIT NUMBER:

06-02523-P

APPLICATION

000222-3

ISSUED DATE:

13-MAR-06

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

3301 Gun Club Road, West Palm Beach, Florida 33406 • (561) 686-8800 • FL WATS 1-800-432-2045 • TDD (561) 697-2574
Mailing Address: P.O. Box 24680, West Palm Beach, FL 33416-4680 • www.sfwmd.gov

March 13, 2006

GARY L SMITH PE
BROWARD COUNTY BOARD OF COUNTY COMMISSIONERS
2555 WEST COPANS RD
POMPANO BEACH, FL 33069

Dear Mr. Smith Pe :

Subject : Acceptance of Construction Completion Certification & Conversion to Operation Phase
CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT-BROWARD ESTATES EAST
Permit No. 06-02523-P, Application No. 010807-4
Additional Application No(s). 000222-3, 990324-14
Broward County, S7/T50S/R42E

This letter is to acknowledge receipt of your consulting engineer's construction completion certification pertaining to the subject parcel's surface water management system. The submitted information has been accepted and incorporated into the permit file.

By accepting the engineer's certification, District staff considers the surface water management system permitted under the above listed application number(s) to be constructed in substantial conformance with the plans and specifications approved by the District. This satisfies your permit conditions regarding submittal of an engineer's certification for construction completion of the permitted drainage facilities and the above referenced permit is hereby converted from the construction phase to the operation phase.

Should you have any questions, please contact the undersigned at the West Palm Beach Service Center at (954) 452-4814 ext. 4993.

Sincerely,

C. Muldrowney for

Jose Marquez, Staff Engineer
Environmental Resource Compliance
West Palm Beach Service Center
South Florida Water Management District
jm

c: Robert D Cole Iii Pe, Craven Thompson And Associates Inc

GOVERNING BOARD

Kevin McCarty, *Chair*
Irela M. Bagué, *Vice-Chair*
Pamela Brooks-Thomas
Alice J. Carlson
Michael Collins
Nicolás J. Gutiérrez, Jr., Esq.
Lennart E. Lindahl, P.E.
Harkley R. Thornton
Malcolm S. Wade, Jr.

EXECUTIVE OFFICE

Carol Ann Wehle, *Executive Director*

bc: Vault File - Permit No. 06-02523-P / App. No. 010807-4 file

ROUTE SHEET

ENVIRONMENTAL RESOURCE COMPLIANCE DIVISION
CONSTRUCTION COMPLETION CERTIFICATION & PERMIT CONVERSION

DATE RECEIVED: January 27, 2006 **DATE ROUTED:** January 27, 2006

APPLICATION NO: 000222-3 **PERMIT NO:** 06-02523-P

PROJECT NAME: MELROSE PARK SW

COUNTY / STR: BROWARD S 7/T 50 S/R 42 E

ENGINEER OF RECORD: CRAVEN THOMPSON & ASSOCIATES INC

CERTIFICATION FORM 0881 RECEIVED (Y/N); Y

CONVERSION FORM 0920 RECEIVED (Y/N): N

CERTIFICATION FORM SIGNED & SEALED (Y/N): Y

CERTIFICATION AS BUILT DRAWINGS (Y/N): Y

SCHEDULED FINAL INSPECTION NO LATER THAN: February 26, 2006

CORRESPONDENCE TARGET DATE: March 28, 2006

COPY TO:

ERC ENGINEER: JOSE MARQUEZ

ERC L/I REVIEWER: JENNIFER KRUMLAUF

NOTES: Letter Sent

Sent as part of 010807-4

LETTER OF TRANSMITTAL

Please Respond To:

☒ Craven Thompson & Associates, Inc.
3563 NW 53rd St.
Fort Lauderdale, FL 33309-6311
Phone: (954) 739-6400
Fax: (954) 739-6409

CRAVEN THOMPSON
& ASSOCIATES, INC.
Engineers
Planners
Surveyors

RECEIVED
JAN 27 2006
ERC 4230

Date: January 25, 2006

To: South Florida Water Management District
Surface Water Management Division
3301 Gun Club Road
West Palm Beach, FL 33406

Re: Central County Neighborhood Improvement Project
Melrose Park SW

Job # 95-0065.02

Attn Jose Marquez

We are sending you the following items

NO.	UNIT	DESCRIPTION
1	Original	Construction Completion Certification (signed and sealed by engineer)
1	Original	Drainage as-builts (signed and sealed by surveyor and engineer)

These are transmitted as checked below:

☒ For approval
☐ For your use
☐ As requested

☐ Sign & return
☐ For review & comment

VIA
☐ Hand deliver
☐ Pick up
☐ Regular mail

☐ Certified No_____
☒ FedEx

Remarks:

Copies to
Received by
Date

Signed: Wendy Gordon
Assistant to Don Shaver

L:\JOBS\1995\95-0065.02\Certifications\lotmarquez12506.doc

South Florida Water Management District

ENVIRONMENTAL RESOURCE / SURFACE WATER MANAGEMENT PERMIT
SURFACE WATER MANAGEMENT SYSTEM
CONSTRUCTION COMPLETION CERTIFICATION

RECEIVED
JAN 27 2006
ERC 4230

ENVIRONMENTAL RESOURCE COMPLIANCE DIVISION

Permit No. 06-02523-P Application No. 000222-3

Project Name Central County Neighborhood Improvement Project Phase Melrose Park SW

The subject surface water management system has been designed, constructed and completed as follows (check all that apply):

DISCHARGE STRUCTURE(S): Please provide the requested information for all permitted discharge structures. Attach additional sheets if needed. **Existing**

Structure Identification Number: N/A

☐ Weir: width _____ crest _____

☐ Bleeder: type _____ dimensions _____ invert _____

☐ Additional discharge structure information attached.

RETENTION/DETENTION AREA(S): Please provide the requested information for all permitted retention/detention area Attach additional sheets if needed. **N/A**

Retention/Detention Area Identification Number: _____ Size (acres) _____

Side Slope (h:v) _____

☐ Additional retention/detention area information attached.

☐ **EXFILTRATION TRENCH** – Confirmation of cross-section with pipe size and invert, trench width, height and length is provided on the attached.

☒ **CONVEYANCE SYSTEM ONLY** – The components of the permitted surface water management consist of inlets, pipes or other form of conveyance system. Confirmation of ditches, canals, and/or swales with cross-sections, pipe diameter, inverts and lengths is provided on the attached.

Please indicate the location of the benchmark(s) used to determine the above information on the record drawings (40E-4.381(1)(f), F.A.C. Code). All elevations should be according to National Geodetic Vertical Datum (NGVD).

I HEREBY NOTIFY THE DISTRICT OF THE COMPLETION OF CONSTRUCTION OF ALL THE COMPONENTS OF THE SURFACE WATER MANAGEMENT FACILITIES FOR THE ABOVE REFERENCED PROJECT AND CERTIFY THAT THEY HAVE BEEN CONSTRUCTED IN SUBSTANTIAL CONFORMANCE WITH THE PLANS AND SPECIFICATIONS PERMITTED BY THE DISTRICT. [A COPY OF THE APPROVED PERMIT DRAWINGS IS ATTACHED WITH DEVIATIONS NOTED, IF APPLICABLE.]

Engineer's Signature, Seal and Date:

Date January 25, 2006

Please Print or Type

Engineer's Name Patrick J. Gibney, P.E.

Company Name Craven Thompson & Associates, Inc.

Address 3563 Northwest 53rd Street

Fort Lauderdale, Florida 33309

Authorization No. of Engineering Business (if applicable) Fla. Reg. No. 49428

Telephone Number (954) 739-6400

E-mail pgibney@craventhompson.com

Accepted

Form 0881A (09/2003)

sfwmd.gov

L:\JOBS\1995\95-0065.02\Certifications\SFWMDform0881AMelrosePark.doc

SOUTH FLORIDA WATER MANAGEMENT DISTRICT
3301 Gun Club Road, West Palm Beach, Florida 33406 • (561) 686-8800 • FL WATS 1-800-432-2045 • TDD (561) 697-2574
Mailing Address: P.O. Box 24680, West Palm Beach, FL 33416-4680 • www.sfwmd.gov

July 29, 2005

PAT MACGREGOR
BROWARD COUNTY BOARD OF COMMISSIONERS
2555 WEST COPANS ROAD
POMPANO BEACH, FL 33069

Dear Mr. Macgregor :

Subject : Final Notice of Noncompliance
Construction Completion Certification
MELROSE PARK SW
Permit No. 06-02523-P, Application No. 000222-3
Additional Application No(s). 000419-7, 010807-4, 010813-2, 981027-5, 990324-14

Broward County, S7/T50S/R42E

On May 24, 2005, this office issued a request for submittal of the construction completion certification for the above referenced project's surface water management system (copy enclosed). To date we have not received your response.

In accordance with the conditions of the permit, and Rule 40E-4, Florida Administrative Code, you, as permittee, are required to have a Florida licensed Professional Engineer submit a signed and sealed certification. This certification shall indicate that the system has been constructed substantially in accordance with the approved plans and specifications, and any deviations from the approved plans and specifications will not prevent the system from functioning in compliance with the plans and specifications approved by the District.

In order for staff to complete the finalization process and consider the permit to be in the operation phase, it is essential that project certification be provided. These legal obligations are assumed by the permittee through acceptance of the permit.

Please submit the requested information or a written response within thirty (30) days of receipt of this notice. If the required reply is not received within that period, the District may initiate enforcement action (including civil penalties and costs) in order to mandate compliance. The District is authorized to seek civil penalties up to $10,000 per day, per offense, and recover our costs, including attorney fees, staff investigative time and surveillance expense under Section 373.129, Florida Statutes.

Should you have any questions, please contact the undersigned at the West Palm Beach Service Center at (954) 452-4814 ext. 4993.

EXECUTIVE OFFICE
Carol Ann Wehle, *Executive Director*

GOVERNING BOARD
Kevin McCarty, *Chair*
Irela M. Bagué, *Vice-Chair*
Pamela Brooks-Thomas
Alice J. Carlson
Michael Collins
Nicolás J. Gutiérrez, Jr., Esq.
Lennart E. Lindahl, P.E.
Harkley R. Thornton
Malcolm S. Wade, Jr.

Sincerely,

Jose Marquez, Staff Engineer
Environmental Resource Compliance
West Palm Beach Service Center
South Florida Water Management District
jm

Enclosure(s)
Form 0881

CERTIFIED MAIL NO. 7003 3110 0004 9936 4402

c: Robert D Cole III, Craven Thompson & Associates Inc

bc: Vault File - Permit No. 06-02523-P / App. No. 000222-3 file

SOUTH FLORIDA WATER MANAGEMENT DISTRICT

3301 Gun Club Road, West Palm Beach, Florida 33406 • (561) 686-8800 • FL WATS 1-800-432-2045 • TDD (561) 697-2574
Mailing Address: P.O. Box 24680, West Palm Beach, FL 33416-4680 • www.sfwmd.gov

May 24, 2005

PAT MACGREGOR
BROWARD COUNTY BOARD OF COMMISSIONERS
2555 WEST COPANS ROAD
POMPANO BEACH, FL 33069

Dear Mr. Macgregor :

Subject : Notice of Noncompliance
Construction Completion Certification
MELROSE PARK SW
Permit No. 06-02523-P, Application No. 000222-3
Additional Application No(s). 000419-7, 010807-4, 010813-2, 981027-5, 990324-14
Broward County, S7/T50S/R42E

District staff periodically reviews permits for compliance and it has been noted that the above referenced permit has not been converted from the construction phase to the operation phase.

The subject permit and additional applications listed above are for the modification of several surface water management systems (SWMS) to serve the permitted retrofit projects known as Melrose Park SW, Washington Park, Broward Estates East, Broward Estates West, Franklin Park and Melrose Park NW. Please be advised that this letter serves as an additional request for the Franklin Park and Melrose Park NW projects.

Before the operation phase of a permit can become effective, rules 40E-4.351, 40E-4.361 and 40E-4.381, Florida Administrative Code, and Sections 373.117 and 373.419, Florida Statutes, require you, as permittee, to have a Florida licensed Professional Engineer submit a signed and sealed certification. This certification shall indicate that the system has been constructed substantially in accordance with the approved plans and specifications, and any deviations from the approved plans and specifications will not prevent the system from functioning in compliance with the plans and specifications approved by the District. This will satisfy your permit's conditions regarding submittal of an engineer's certification for construction completion of the permitted surface water management system.

Enclosed is a District approved construction completion certification Form #0881. This enclosure, or an equivalent, is to be completed, signed and sealed by a Florida licensed Professional Engineer and returned to this office. Reference benchmarks and their locations should be identified so District staff can make periodic inspections.

GOVERNING BOARD

Kevin McCarty, Chair
Irela M. Bague, Vice-Chair
Pamela Brooks-Thomas
Alice J. Carlson
Michael Collins
Nicolas J. Gutiérrez, Jr., Esq.
Lennart E. Lindahl, P.E.
Harkley R. Thornton
Malcolm S. Wade, Jr.

EXECUTIVE OFFICE

Henry Dean, Executive Director

Please submit the above or notify District staff of your intentions within thirty (30) days of the date of this letter. Should you have any questions, please contact the undersigned at the West Palm Beach Service Center at (954) 452-4814 ext. 4993.

Sincerely,

Carol Muldowney for

Jose Marquez, Staff Engineer
Environmental Resource Compliance
West Palm Beach Service Center
South Florida Water Management District
jm

Enclosure(s)
Form 0881

c: Robert D Cole Iii, Craven [illegible] npson & Associates Inc

bc: Vault File - Permit No. 06-02523-P / App. No. 000222-3 file

SOUTH FLORIDA WATER
MANAGEMENT DISTRICT

CONSTRUCTION
COMPLETION/CERTIFICATION
MAPS

PERMIT NUMBER:
06-02523-P

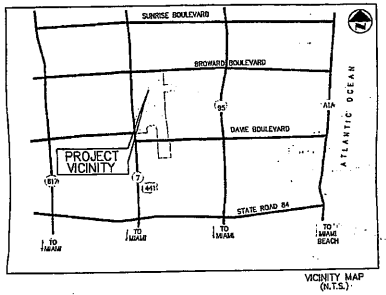
APPLICATION #
990324-14

ISSUED DATE:
[illegible]

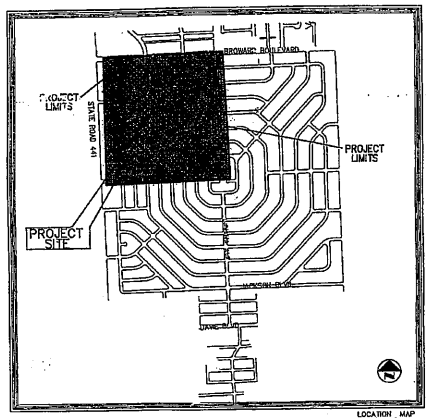
BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES
CENTRAL COUNTY
NEIGHBORHOOD IMPROVEMENTS PROJECT

- MELROSE PARK NW -

(DRAINAGE AS-BUILTS)



VICINITY MAP
(N.T.S.)



LOCATION MAP
(N.T.S.)

B.C.O.E.S. / WMD PROJECT No.: 1149
B.C.O.E.S. / EED PROJECT No.: 8559

INDEX		
DRAWING	DESCRIPTION	SHEET NO.
	COVER SHEET	1
KEY	KEY SHEET	2
SD-1 THRU SD-17	DRAINAGE PLAN	3-19
~~WS-1 THRU WS-17~~	~~WATER DISTRIBUTION PLAN~~	~~20-36~~
~~SS-1 THRU SS-17~~	~~SANITARY SEWER PLAN~~	~~37-53~~
~~SS-18~~	~~LIFT STATION #104 - SITE PLAN~~	~~54~~
~~SS-19~~	~~LIFT STATION #12 - SITE PLAN~~	~~55~~
~~SS-20 THRU SS-31~~	~~SANITARY SEWER PROFILES~~	~~56-67~~

SURVEYORS NOTES:

1.) THE COORDINATES SHOWN HEREON ARE BASED ON THE STATE PLANE COORDINATE SYSTEM, NORTH AMERICAN DATUM (N.A.D) 1983 WITH THE 1990 ADJUSTMENT.

2.) BENCHMARK - BROWARD COUNTY ENGINEERING DIVISION BENCHMARK #3148:X-CUT IN THE N.W. CORNER OF THE CONC. SLAB FOR TRAFFIC BOX AT INTERSECTION OF 441 & S.W. 6 ST. 17 FT. EAST OF EAST EDGE OF PAVEMENT OF 441, 15 FT. NORTH OF NORTH EDGE OF PAVEMENT OF S.W. 6 ST. ELEVATION = 10.78, NATIONAL GEODETIC VERTICAL DATUM (N.G.V.D.) OF 1929.

3.) PIPES IN GROUND PRIOR TO CONSTRUCTION ARE LABELED AS "EXISTING".

4.) FEATURES THAT HAVE NOT BEEN LOCATED/VERIFIED IN THE FIELD ARE NOT LABELED WITH" NORTHINGS" & "EASTINGS" AND HAVE BEEN ADDED BASED ON INSTRUCTIONS RECEIVED FROM BCOES.

5.) ABANDONED AND UNVERIFIED WATER MAINS HAVE NOT BEEN FIELD LOCATED, BUT HAVE BEEN ADDED TO SHEETS PER DATA OBTAINED FROM BCOES ATLAS INFORMATION.

6.) NOT FIELD VERIFIED MEANS NOT FIELD VERIFIED BY CRAVEN THOMPSON & ASSOCIATES, INC., BUT WAS BASED ON ASBUILT INFORMATION SUPPLIED BY THE CONTRACTOR.

SURVEYOR'S CERTIFICATE:

WE HEREBY CERTIFY THAT THE ASBUILT LOCATION INFORMATION OF THE DRAINAGE FACILITIES SHOWN ON THESE RECORD PLANS CONFORMS TO THE MINIMUM TECHNICAL STANDARDS FOR LAND SURVEYING IN THE STATE OF FLORIDA, CHAPTER 61G17-6 (FLORIDA ADMINISTRATIVE CODE), AS ADOPTED BY THE DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION, BOARD OF PROFESSIONAL SURVEYORS AND MAPPERS IN SEPTEMBER 1981, AND THAT SAID ASBUILTS ARE TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE AND BELIEF AS SURVEYED UNDER OUR DIRECTION IN JANUARY 2005.

DATE OF LAST FIELD WORK: MAY 20, 2005.

THE INFORMATION AS TO LOCATIONS AND ELEVATIONS OF DRAINAGE FACILITIES SHOWN HAVE BEEN BASED ON SURVEY ASBUILTS PROVIDED BY OTHERS. THE ACCURACY OF THESE ASBUILTS IS RELIANT ON THE ACCURACY APPLIED BY THE SURVEYOR THAT PREPARED THE ASBUILTS AND SUBMITTED FOR APPROVAL TO THE BEST OF OUR KNOWLEDGE AND ABILITY WE HAVE APPLIED THOSE CERTIFIED ASBUILTS TO THESE PLANS.

CRAVEN THOMPSON & ASSOCIATES, INC.
CERTIFICATE OF AUTHORIZATION NUMBER LB271
SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER

DOUGLAS M. DAVIE
PROFESSIONAL SURVEYOR AND MAPPER NO. 4343
STATE OF FLORIDA

"I HEREBY CERTIFY THAT I HAVE PERFORMED THE FIELD INSPECTION OF THE FACILITY MAKE DIRECT REVIEWING AND EVALUATING SAMPLES MY DIRECT SUPERVISION COMPLETENESS AND ADEQUACY, AND ARE TRUE CORRECT TO THE BEST OF MY KNOWLEDGE I BELIEVE THE BEST WORK FOR THE AS-BUILT WORKS HAS BEEN DONE BY CRAVEN THOMPSON ASSOCIATES, INC."

JAN 2 1 2006

Patrick J. Gibney
Florida P.E. No. 45428

CRAVEN • THOMPSON & ASSOCIATES, INC.
ENGINEERS • PLANNERS • SURVEYORS
3563 N.W. 53RD STREET FORT LAUDERDALE, FLORIDA 33309 (954) 739-6400
FAX: (954) 733-6400

MATERIAL SHOWN HEREON IS THE PROPERTY OF CRAVEN - THOMPSON & ASSOCIATES, INC. AND SHALL NOT BE REPRODUCED IN WHOLE OR PART WITHOUT PERMISSION OF CRAVEN - THOMPSON & ASSOCIATES, INC. IN WRITING

BROWARD COUNTY
FLORIDA

DATE:	1/03
SCALE:	1"=10'
DESIGN BY:	
DRAWN BY:	JCN
CHECKED BY:	PG
APPROVED BY:	

REVISIONS	DATE
1. REVISE CONT. TO REVISED SHT.	1/21/06

CRAVEN - THOMPSON AND ASSOCIATES, INC.
ENGINEERS - PLANNERS - SURVEYORS
3563 N.W. 53RD STREET, FORT LAUDERDALE, FLORIDA 33309
TEL: (954) 739-6400 FAX: (954) 733-6400
FLORIDA LICENSED BUSINESS: ENGINEERING 00000970, LB271
FLORIDA LICENSED BUSINESS: ARCHITECTURE BUSINESS No. 00001

THIS DOCUMENT IS THE PROPERTY OF CRAVEN - THOMPSON & ASSOCIATES, INC. AND SHALL NOT BE REPRODUCED IN WHOLE OR PART WITHOUT PERMISSION OF CRAVEN - THOMPSON & ASSOCIATES, INC.

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENTS PROJECT

PREPARED FOR:
BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

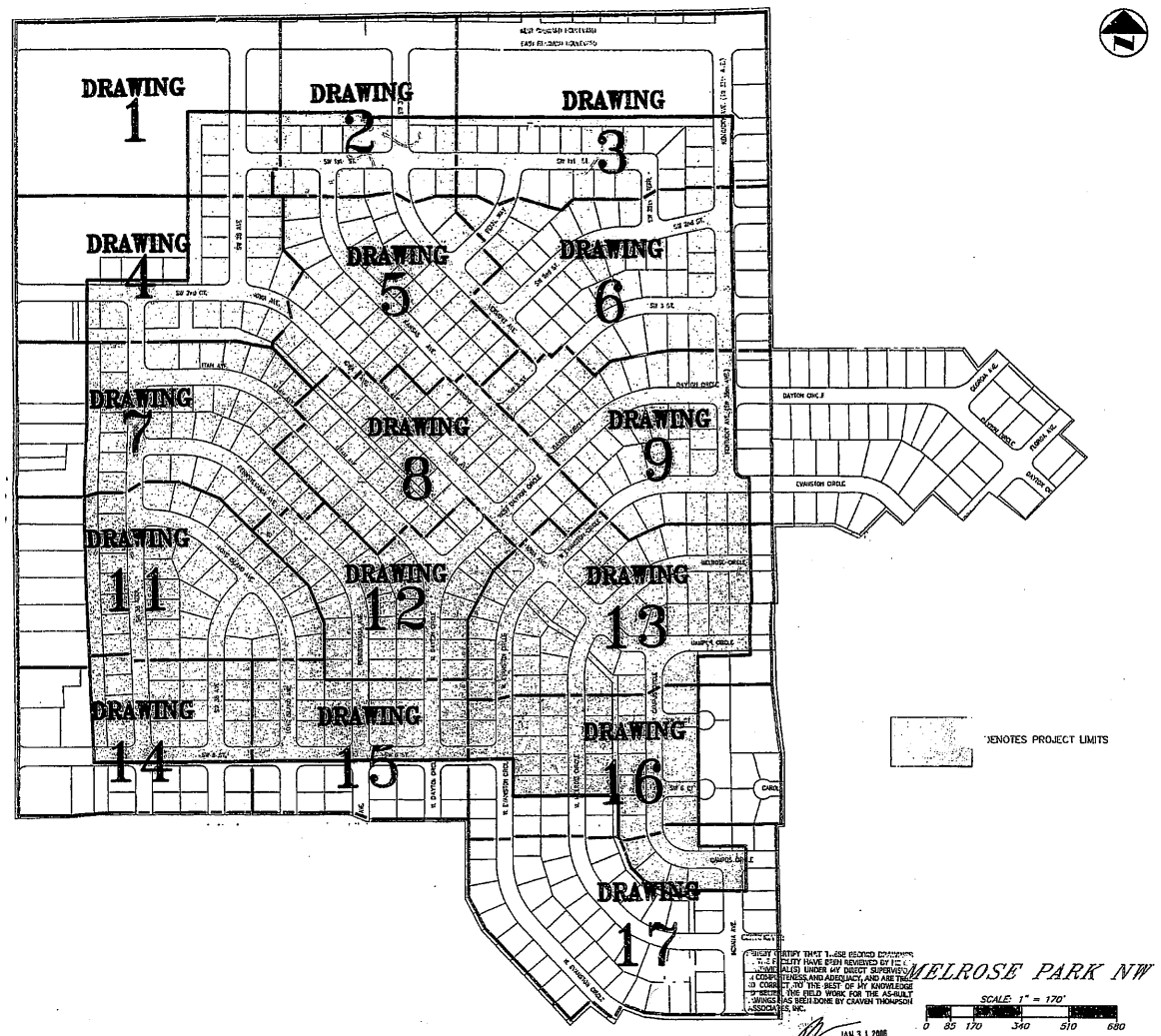
AS-BUILT DRAINAGE PLANS

JAN 2 7 2006

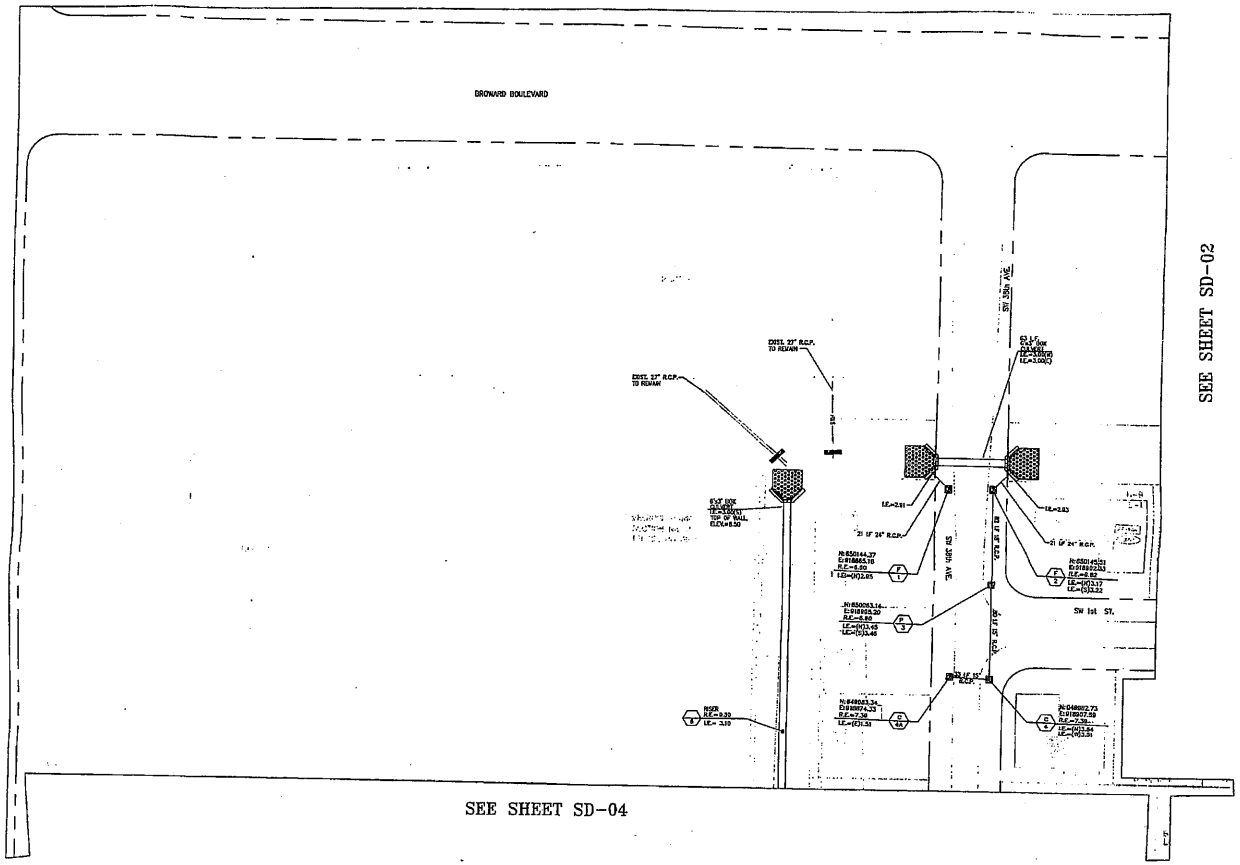
PROJECT NO.
95-0065.02

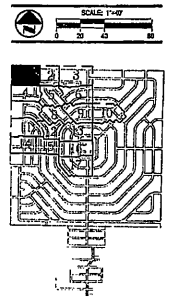
1

SHEET 1 OF 19


DRAWING 1
DRAWING 2
DRAWING 3
DRAWING 4
DRAWING 5
DRAWING 6
DRAWING 7
DRAWING 8
DRAWING 9
DRAWING 11
DRAWING 12
DRAWING 13
DRAWING 14
DRAWING 15
DRAWING 16
DRAWING 17
DENOTES PROJECT LIMITS
MELROSE PARK NW
SCALE: 1" = 170'
0 85 170 340 510 680
JAN 3 1 2006
Florida P.E. No. 49428
DATE
CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENTS PROJECT
PREPARED FOR:
BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES
MELROSE PARK NW - KEY SHEET
CRAVEN - THOMPSON AND ASSOCIATES, INC.
ENGINEERS • PLANNERS • SURVEYORS
3563 N.W. 53RD STREET, FORT LAUDERDALE, FLORIDA 33309
TEL. (954) 739-6400 FAX. (954) 739-6409
FLORIDA LICENSED ENGINEERING, SURVEYING & MAPPING BUSINESS No. 27
FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS No. 1800176
DATE 1/06/2006
SCALE 1"=150'
DESIGN BY:
DRAWN BY:
CHK. BY:
APPROVED BY:
NO. DATE DESCRIPTION
PROJECT NO. 95-0065.02
KEY
SHEET 2 OF 19

BROWARD COUNTY ENG. DIV. REF. #990122002





BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT

Revision	Date

CRAVEN • THOMPSON & ASSOCIATES, INC.

ENGINEERS • PLANNERS • SURVEYORS

2363 N.W. 53rd STREET
FORT LAUDERDALE, FLORIDA 33309
PHONE: (954) 726-8220
FAX: (954) 726-8223

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STORM DRAINAGE ASBUILT PLAN

Date	MARCH 2005
Project No.	95-0065.01
In Charge	R.D.COLE
Design By	P. GURNEY
Drawn By	NN
Sheet No.	03 of 19

SD-01

LEGEND:

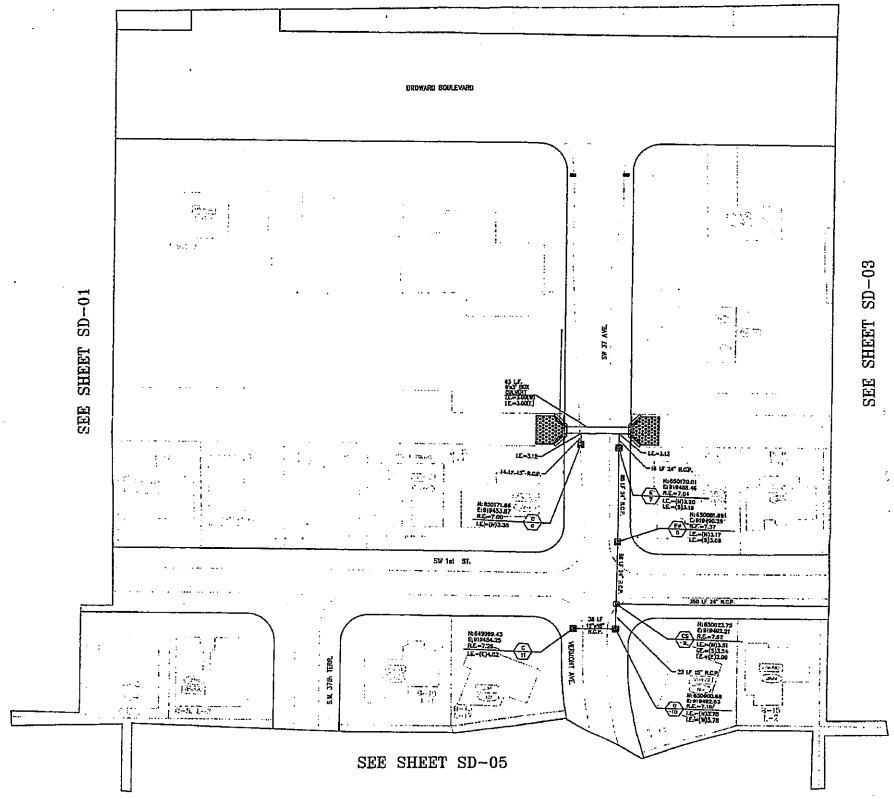
N: 604714.15 E: 923343.83 R.E.=9.72 (21) I.E.=3.95(E) I.E.=3.95(W)	INDICATES SANITARY SEWER STRUCTURE NUMBER AND COORDINATE VALUE W/VERT. DATA
R.E.=	INDICATES SANITARY SEWER RIM ELEVATION
I.E.(E)=	INDICATES SANITARY SEWER INVERT ELEVATION W/DIRECTION
F.M.	INDICATES FORCE MAIN
D.I.P.	INDICATES DUCTILE IRON PIPE
W.M.	INDICATES WATERMAIN
SAN. SEWER	INDICATES SANITARY SEWER
	INDICATES WATER METER BOX
	INDICATES SANITARY (DOUBLE) SERVICE
	INDICATES SANITARY (SINGLE) SERVICE
	INDICATES FIRE HYDRANT ASSEMBLY
	INDICATES WATER MAIN, TEE, GATE VALVE & REDUCER
	INDICATES WATER MAIN PLUG WITH BLOW-OFF
	INDICATES GATE VALVE
N: 100000.00 E: 100000.00 G.E.=0.00 I.E.=-0.00 (10) C.B.	INDICATES CATCH BASIN STRUCTURE NUMBER AND COORDINATE VALUE
G.E.=	INDICATES GRATE ELEVATION
	INDICATES CATCH BASIN STRUCTURE
FF=	INDICATES FINISH FLOOR ELEVATION
(1104)	INDICATES ADDRESS
	INDICATES DRAINAGE MANHOLE
C.I.	INDICATES CURB INLET
	INDICATES SANITARY SEWER MANHOLE
	INDICATES ABANDONED UTILITIES
Dbl=	INDICATES DOUBLE
V.Bend=	INDICATES VERTICAL BEND

"I HEREBY CERTIFY THAT THESE RECORD DRAWINGS HAVE BEEN PREPARED BY ME OR PERSONALLY UNDER MY DIRECT SUPERVISION AND ARE TRUE, COMPLETE AND ACCURATE, AND ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE FIELD WORK FOR THE AS-BUILT DRAWINGS HAS BEEN DONE BY CRAVEN THOMPSON & ASSOCIATES, INC."

Patrick J. Gilmay
Florida P.E. No. 49428

JAN 3 1 2006
DATE

BROWARD COUNTY ENG. DIV. REF. #990122002



SCALE: 1"=40'

KEY MAP
NOT TO SCALE

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT

Revision	Date

CRAVEN • THOMPSON & ASSOCIATES, INC.

ENGINEERS • PLANNERS • SURVEYORS
2363 N.W. 24th STREET
FORT LAUDERDALE, FLORIDA 33309
PHONE: (954) 726-8400
FAX: (954) 726-8499
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STORM DRAINAGE ASBUILT PLAN

Date	MARCH 2005
Project No.	95-0065.01
In Charge	R.D.COLE
Design By	P. GIBNEY
Drawn By	JVN
Sheet No.	04 of 19

SD-02

LEGEND:

21	INDICATES SANITARY SEWER STRUCTURE NUMBER AND COORDINATE VALUE W/VERT. DATA
R.E.=	INDICATES SANITARY SEWER RIM ELEVATION
I.E.(E)=	INDICATES SANITARY SEWER INVERT ELEVATION W/DIRECTION
F.M.	INDICATES FORCE MAIN
D.I.P.	INDICATES DUCTILE IRON PIPE
W.M.	INDICATES WATERMAIN
SAN. SEWER	INDICATES SANITARY SEWER
	INDICATES WATER METER BOX
	INDICATES SANITARY (DOUBLE) SERVICE
	INDICATES SANITARY (SINGLE) SERVICE
	INDICATES FIRE HYDRANT ASSEMBLY
	INDICATES WATER MAIN, TEE, GATE VALVE & REDUCER
	INDICATES WATER MAIN PLUG WITH BLOW-OFF
	INDICATES GATE VALVE
10 C.B.	INDICATES CATCH BASIN STRUCTURE NUMBER AND COORDINATE VALUE
G.E.=	INDICATES GRATE ELEVATION
	INDICATES CATCH BASIN STRUCTURE
FF=	INDICATES FINISH FLOOR ELEVATION
1104	INDICATES ADDRESS
	INDICATES DRAINAGE MANHOLE
C.I.	INDICATES CURB INLET
	INDICATES SANITARY SEWER MANHOLE
	INDICATES ABANDONED UTILITIES
Dbl=	INDICATES DOUBLE
V.Bend=	INDICATES VERTICAL BEND

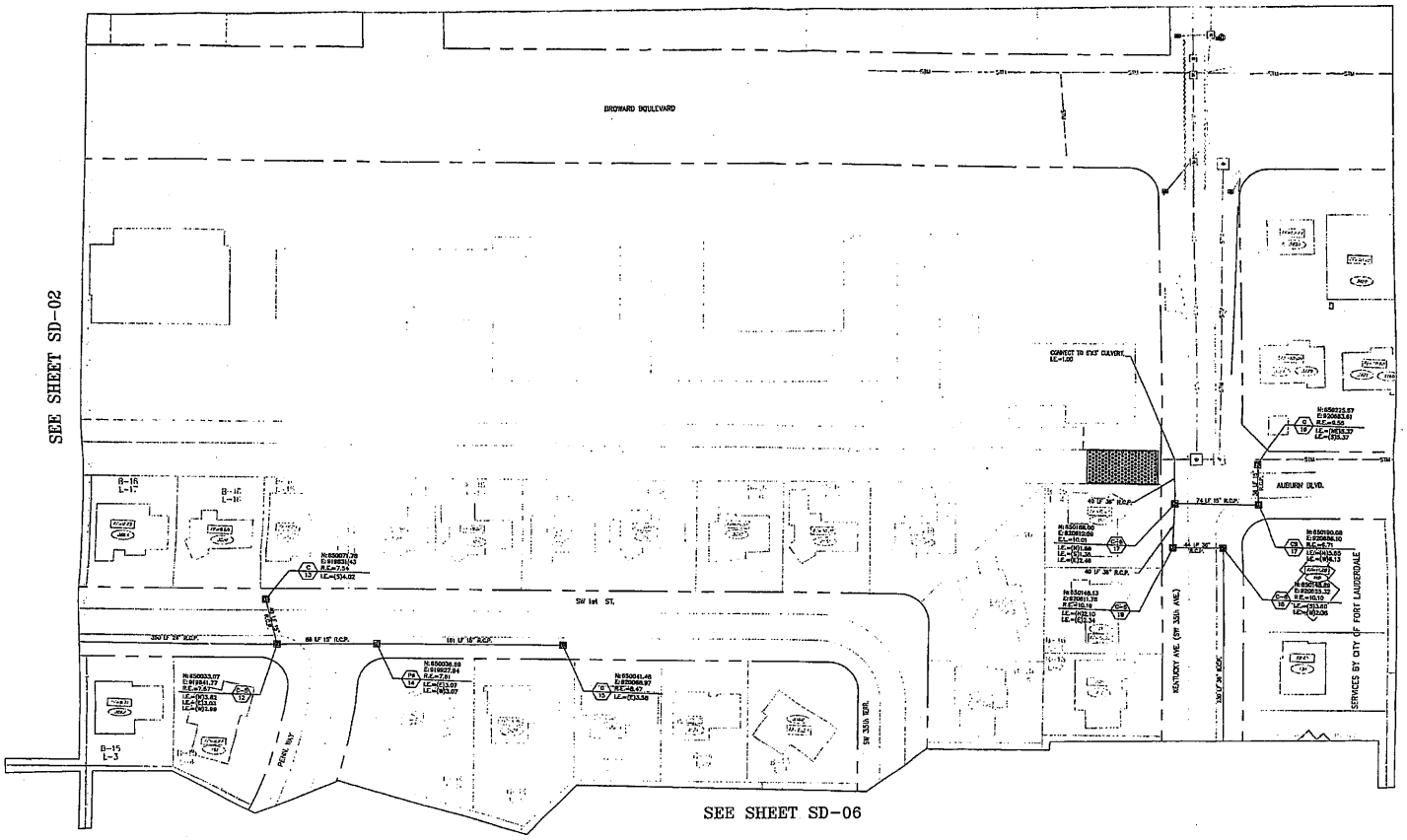
CERTIFICATE:

I HEREBY CERTIFY THAT THESE RECORD DRAWINGS OF THE FACILITY HAVE BEEN REVIEWED BY ME OR UNDER MY DIRECT SUPERVISION AND ARE TRUE TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE FIELD WORK FOR THE AS-BUILT DRAWINGS HAS BEEN DONE BY CRAVEN THOMPSON & ASSOCIATES, INC.

JAN 3 1 2006
DATE

Patrick J. Gibney
Florida P.E. No. 49428

BROWARD COUNTY ENG. DIV. REF. #990122002



SCALE: 1"=40'

KEY MAP
SCALE:None

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT

Revision	Date

CRAVEN • THOMPSON & ASSOCIATES, INC.

ENGINEERS • PLANNERS • SURVEYORS
3563 N.W. 53rd STREET
FORT LAUDERDALE, FLORIDA 33309
PHONE: (954) 730-8400
FAX: (954) 730-8408

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STORM DRAINAGE ASBUILT PLAN

Date	MARCH 2005
Project No.	95-0055.01
In Charge	R.D.CLAE
Design by	P. GAINEY
Drawn by	JMI
Sheet No.	05 of 10

SD-03

LEGEND:

N:604714.15 E:923963.83 R.E.=9.72 I.E.=3.35(E) I.E.=3.35(W) (21)	INDICATES SANITARY SEWER STRUCTURE NUMBER AND COORDINATE VALUE W/VERT. DATA
R.E.=	INDICATES SANITARY SEWER RIM ELEVATION
I.E.(E)=	INDICATES SANITARY SEWER INVERT ELEVATION W/DIRECTION
F.M.	INDICATES FORCE MAIN
D.I.P.	INDICATES DUCTILE IRON PIPE
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	INDICATES SANITARY (SINGLE) SERVICE
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	INDICATES WATER MAIN, TEE, GATE VALVE & REDUCER
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	INDICATES GATE VALVE
N:100000.00 E:100000.00 G.E.=0.00 I.E.=-0.00 (10 C.B.)	INDICATES CATCH BASIN STRUCTURE NUMBER AND COORDINATE VALUE
G.E.=	INDICATES GRATE ELEVATION
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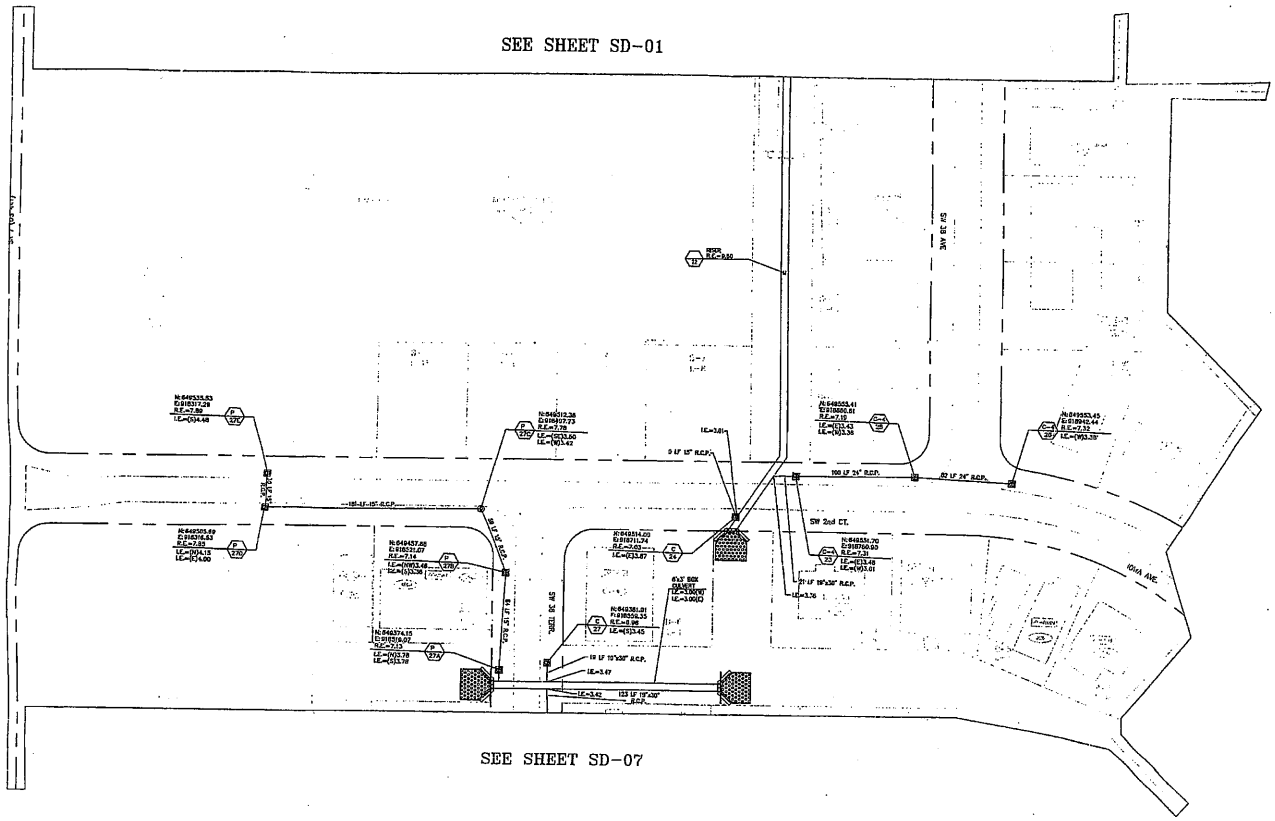
(1104)	INDICATES ADDRESS
	INDICATES DRAINAGE MANHOLE
C.I.	INDICATES CURB INLET
	INDICATES SANITARY SEWER MANHOLE
	INDICATES ABANDONED UTILITIES
Dbl=	INDICATES DOUBLE
V.Bend=	INDICATES VERTICAL BEND

CERTIFICATE:
I HEREBY CERTIFY THAT THESE RECORD DRAWINGS AND THE FACILITY HAVE BEEN REVIEWED BY ME OR INDIVIDUAL(S) UNDER MY DIRECT SUPERVISION & COMPLETENESS AND ADEQUACY, AND ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FIELD WORK FOR THE AS-BUILT DRAWINGS HAS BEEN DONE BY CRAVEN THOMPSON & ASSOCIATES, INC.

PAUL F. GAINEY
Florida P.E. No. 49429

JAN 3 1 2006
DATE

BROWARD COUNTY ENG. DIV. REF. #990122002



SCALE: 1"=40'
0 20 40 80

KEY MAP
SCALE:NONE

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT

Revision	Date

CRAVEN • THOMPSON & ASSOCIATES, INC.

ENGINEERS • PLANNERS • SURVEYORS
2364 N.W. 32nd STREET
FORT LAUDERDALE, FLORIDA 33309
(954) 486-9600
FAX (954) 733-0400
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STORM DRAINAGE ASBUILT PLAN

Date	MARCH 2005
Project No.	95-0065.01
In Charge	R.D.COLE
Design By	P. GIBNEY
Drawn By	J/N
Sheet No.	06 of 19

SD-04

LEGEND:

N:694714.15 E:9234 13.53 R.E.=9.72 I.E.=3.85(E) I.E.=3.85(W) (21)	INDICATES SANITARY SEWER STRUCTURE NUMBER AND COORDINATE VALUE W/VERT. DATA
R.E.=	INDICATES SANITARY SEWER RIM ELEVATION
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Ⓓ	INDICATES DRAINAGE MANHOLE
C.I.	INDICATES CURB INLET
Ⓢ	INDICATES SANITARY SEWER MANHOLE
	INDICATES ABANDONED UTILITIES
Dbl=	INDICATES DOUBLE
V.Bend=	INDICATES VERTICAL BEND

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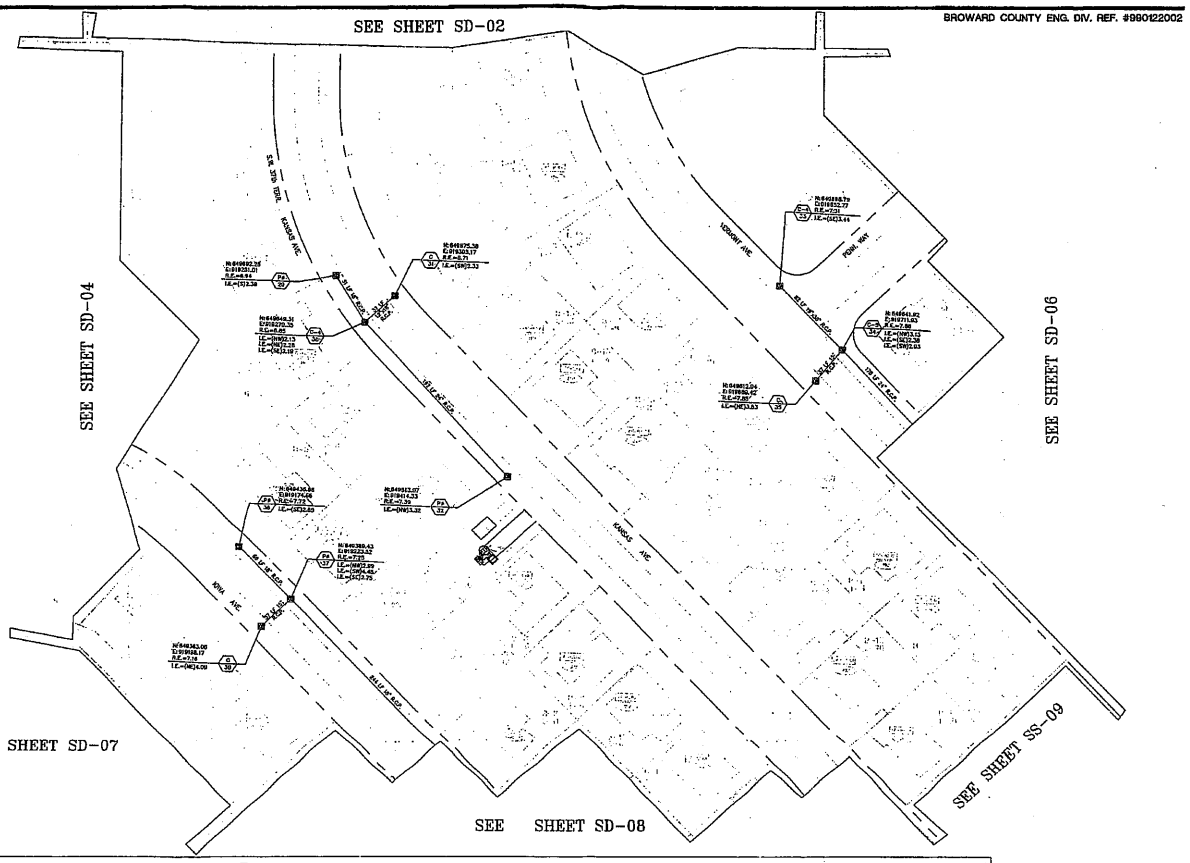
JAN 3 1 2006
DATE

Patrick L. Gibney
Florida P.E. No. 49429

BROWARD COUNTY ENG. DIV. REF. #990122002



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R.E.=	INDICATES SANITARY SEWER RIM ELEVATION
I.E.(E)=	INDICATES SANITARY SEWER INVERT ELEVATION W/DIRECTION
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	INDICATES WATER MAIN PLUG WITH BLOW-OFF
	INDICATES GATE VALVE
N:100000.00 E:100000.00 G.E.=0.00 I.E.=-0.00 (10) C.B.	INDICATES CATCH BASIN STRUCTURE NUMBER AND COORDINATE VALUE
G.E.=	INDICATES GRATE ELEVATION
	INDICATES CATCH BASIN STRUCTURE
FF=	INDICATES FINISH FLOOR ELEVATION
(1104)	INDICATES ADDRESS
	INDICATES DRAINAGE MANHOLE
C.I.	INDICATES CURB INLET
	INDICATES SANITARY SEWER MANHOLE
	INDICATES ABANDONED UTILITIES
Dbl=	INDICATES DOUBLE
V.Bend=	INDICATES VERTICAL BEND

CERTIFICATE:

I HEREBY CERTIFY THAT THESE RECORD DRAWINGS FOR THE FACILITY HAVE BEEN REVIEWED BY ME OR MY INDIVIDUAL(S) UNDER MY DIRECT SUPERVISION AND ARE COMPLETENESS AND ADEQUACY AND ARE TO BE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE FIELD WORK FOR THE ASBUILT DRAWINGS HAS BEEN DONE BY CRAVEN THOMPSON

Patricia P.E. No. 43428

JAN 3 1 2006
DATE

SCALE: 1"=40'
0 20 40 80

KEY MAP LOCATION

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT

Revision	Date

CRAVEN • THOMPSON & ASSOCIATES, INC.

ENGINEERS • PLANNERS • SURVEYORS

3563 N.W. 53rd STREET
FORT LAUDERDALE, FLORIDA 33309
PHONE (954) 739-6400
FAX (954) 717-0508

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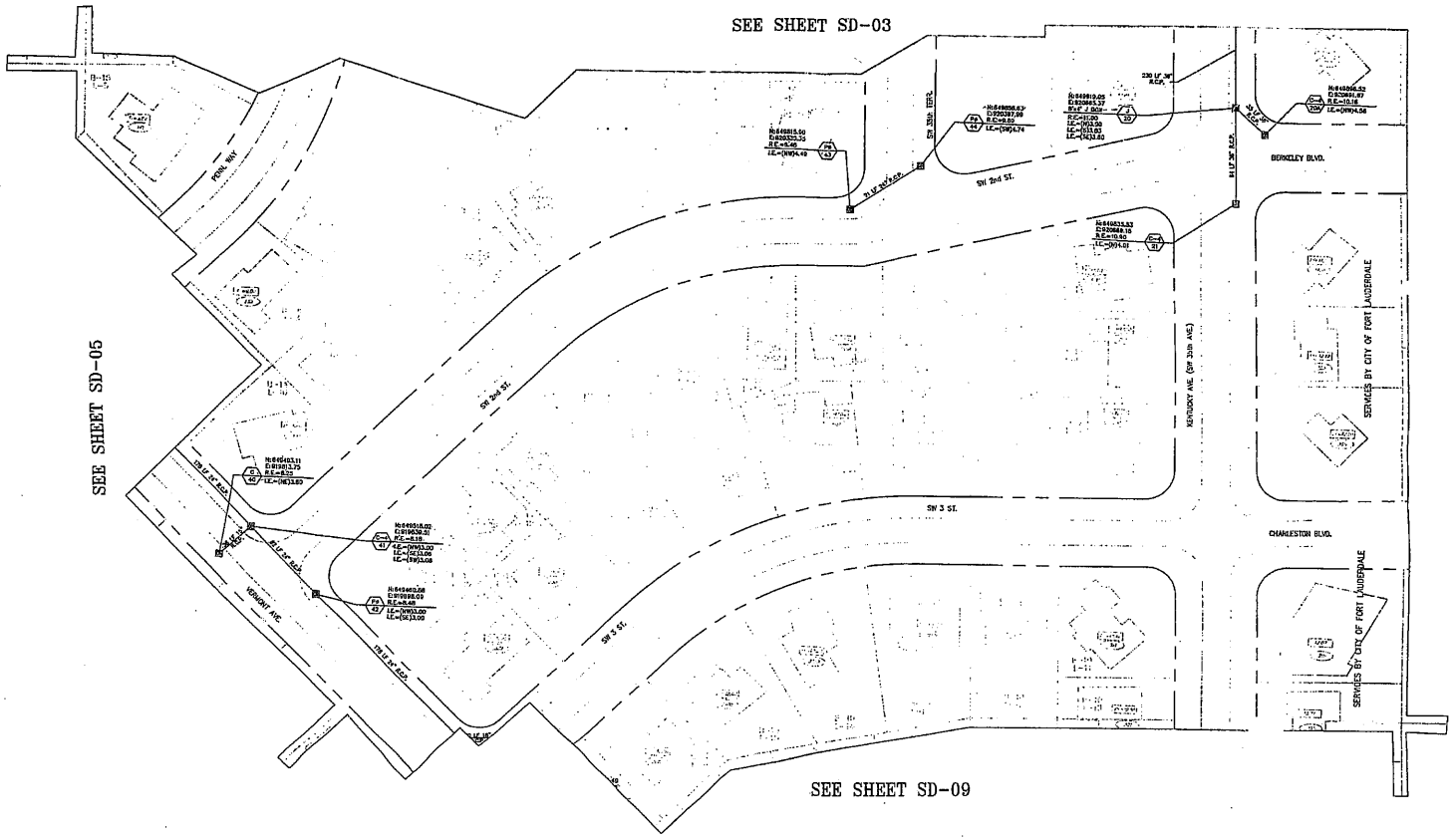
STORM DRAINAGE ASBUILT PLAN

Date	MARCH 2005
Project No.	95-0005.01
In Charge	R.D. COLE
Design By	P. GUINEY
Drawn By	JVM
Sheet No.	07 of 19

SD-05

BROWARD COUNTY ENG. DIV. REF. #990122002



KEY MAP
SCALE: NONE

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT

Revision	Date

CRAVEN · THOMPSON & ASSOCIATES, INC.

ENGINEERS · PLANNERS · SURVEYORS
2563 N.W. 62nd STREET
FORT LAUDERDALE, FLORIDA 33309
PHONE: (954) 739-6400
FAX: (954) 739-6409
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STORM DRAINAGE ASBUILT PLAN

Date	MARCH 2005
Project No.	95-0065.01
In Charge	R.D.CLE
Design by	F. GIBNEY
Drawn by	JVH
Sheet No.	08 of 19

SD-06

LEGEND:

N:804714.15 E:923963.83 R.E.=9.72 I.E.=3.95(E) I.E.=3.98(W) (21)	INDICATES SANITARY SEWER STRUCTURE NUMBER AND COORDINATE VALUE W/VERT. DATA
R.E.=	INDICATES SANITARY SEWER RIM ELEVATION
I.E.(E)=	INDICATES SANITARY SEWER INVERT ELEVATION W/DIRECTION
F.M.	INDICATES FORCE MAIN
D.I.P.	INDICATES DUCTILE IRON PIPE
W.M.	INDICATES WATERMAIN
SAN. SEWER	INDICATES SANITARY SEWER
	INDICATES WATER METER BOX
	INDICATES SANITARY (DOUBLE) SERVICE
	INDICATES SANITARY (SINGLE) SERVICE
	INDICATES FIRE HYDRANT ASSEMBLY
	INDICATES WATER MAIN, TEE, GATE VALVE & REDUCER
	INDICATES WATER MAIN PLUG WITH BLOW-OFF
	INDICATES GATE VALVE
N:100000.00 E:100000.00 G.E.=0.00 I.E.=-0.00 (10 C.B.)	INDICATES CATCH BASIN STRUCTURE NUMBER AND COORDINATE VALUE
G.E.=	INDICATES GRATE ELEVATION
	INDICATES CATCH BASIN STRUCTURE
FF=	INDICATES FINISH FLOOR ELEVATION
(1104)	INDICATES ADDRESS
	INDICATES DRAINAGE MANHOLE
C.I.	INDICATES CURB INLET
	INDICATES SANITARY SEWER MANHOLE
	INDICATES ABANDONED UTILITIES
Dbl=	INDICATES DOUBLE
V.Bend=	INDICATES VERTICAL BEND

CERTIFICATE:

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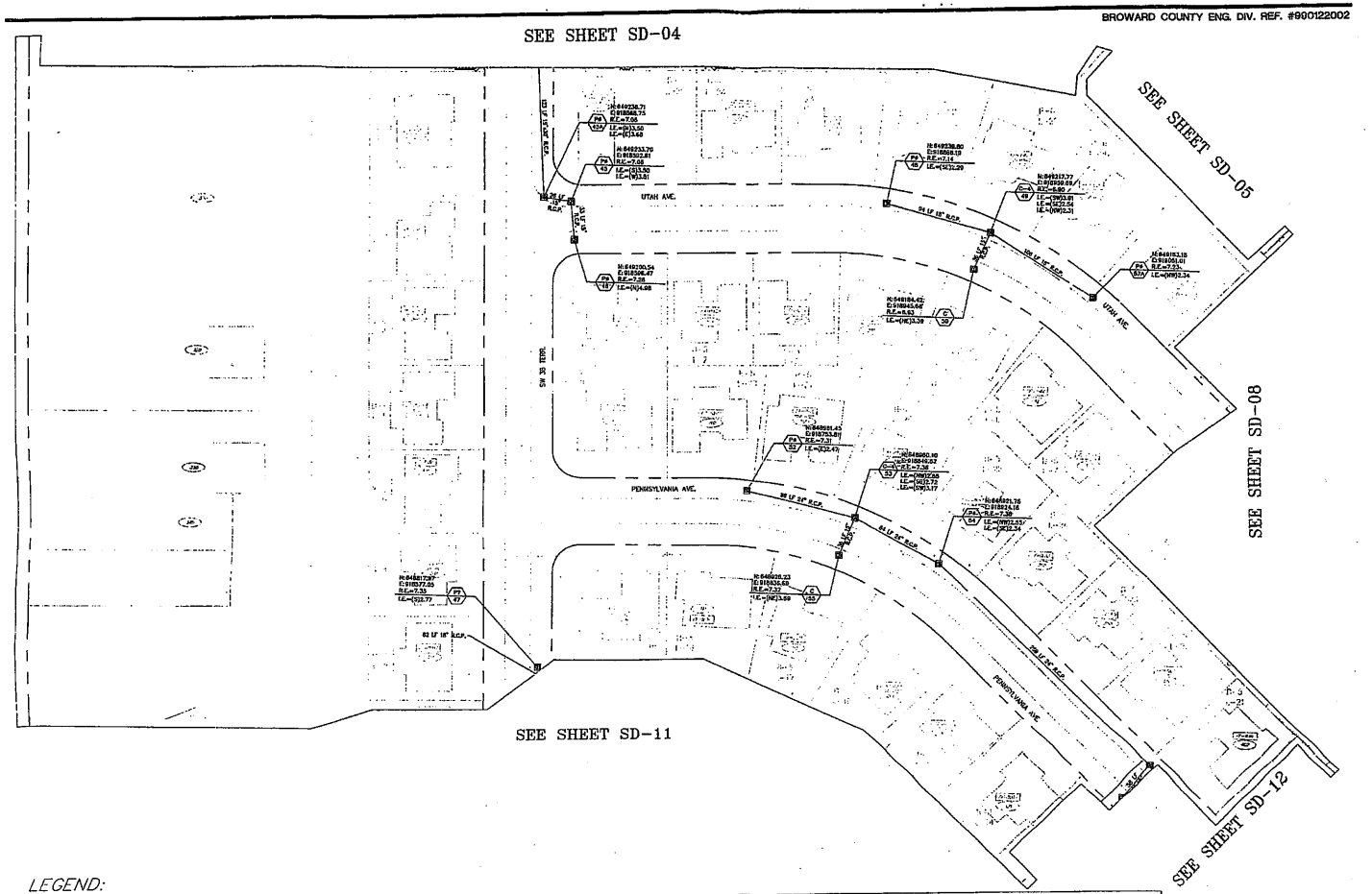
JAN 3 1 2006

Patrick J. Gibney
Florida P.E. No. 49428

BROWARD COUNTY ENG. DIV. REF. #900122002



SCALE: 1"=40'

KEY MAP
NOT TO SCALE

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT

Revision	Date

CRAVEN • THOMPSON & ASSOCIATES, INC.

ENGINEERS • PLANNERS • SURVEYORS
3563 N.W. 53rd STREET
FORT LAUDERDALE, FLORIDA 33309
PHONE: (954) 726-8000
FAX: (954) 726-8085
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STORM DRAINAGE ASBUILT PLAN

Date	MARCH 2005
Project No.	95-0065.01
In Charge	R.D.COLF
Design By	P. GIBNEY
Drawn By	JVN
Sheet No.	09 of 19

SD-07

LEGEND:

H: 604714.15 / E: 923983.83 / R.E.=9.72 / I.E.=-3.85(E) / I.E.=3.86(W) — 21	INDICATES SANITARY SEWER STRUCTURE NUMBER AND COORDINATE VALUE W/VERT. DATA
R.E.=	INDICATES SANITARY SEWER RIM ELEVATION
I.E.(E)=	INDICATES SANITARY SEWER INVERT ELEVATION W/DIRECTION
F.M.	INDICATES FORCE MAIN
D.I.P.	INDICATES DUCTILE IRON PIPE
W.M.	INDICATES WATERMAIN
SAN. SEWER	INDICATES SANITARY SEWER
	INDICATES WATER METER BOX
	INDICATES SANITARY (DOUBLE) SERVICE
	INDICATES SANITARY (SINGLE) SERVICE
	INDICATES FIRE HYDRANT ASSEMBLY
	INDICATES WATER MAIN, TEE, GATE VALVE & REDUCER
	INDICATES WATER MAIN PLUG WITH BLOW-OFF
	INDICATES GATE VALVE
N: 100000.00 / E: 100000.00 / G.E.=0.00 / I.E.=-0.00 — 10 C.B.	INDICATES CATCH BASIN STRUCTURE NUMBER AND COORDINATE VALUE
G.E.=	INDICATES GRATE ELEVATION
CB	INDICATES CATCH BASIN STRUCTURE
FF=	INDICATES FINISH FLOOR ELEVATION
1104	INDICATES ADDRESS
	INDICATES DRAINAGE MANHOLE
C.I.	INDICATES CURB INLET
	INDICATES SANITARY SEWER MANHOLE
	INDICATES ABANDONED UTILITIES
Obl=	INDICATES OBLIQUE
V.Bend=	INDICATES VERTICAL BEND

CERTIFICATE:

I HEREBY CERTIFY THAT THESE RECORD DRAWINGS FOR THE FACILITY HAVE BEEN REVIEWED BY ME OR INDIVIDUAL(S) UNDER MY DIRECT SUPERVISION AND TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FIELD WORK FOR THE AS-BUILT DRAWINGS HAS BEEN DONE BY CRAVEN THOMPSON & ASSOCIATES, INC.

JAN 3 1 2008

Patrick J. Gibney
Florida P.E. No. 49428

BROWARD COUNTY ENG. DIV. REF. #990122002

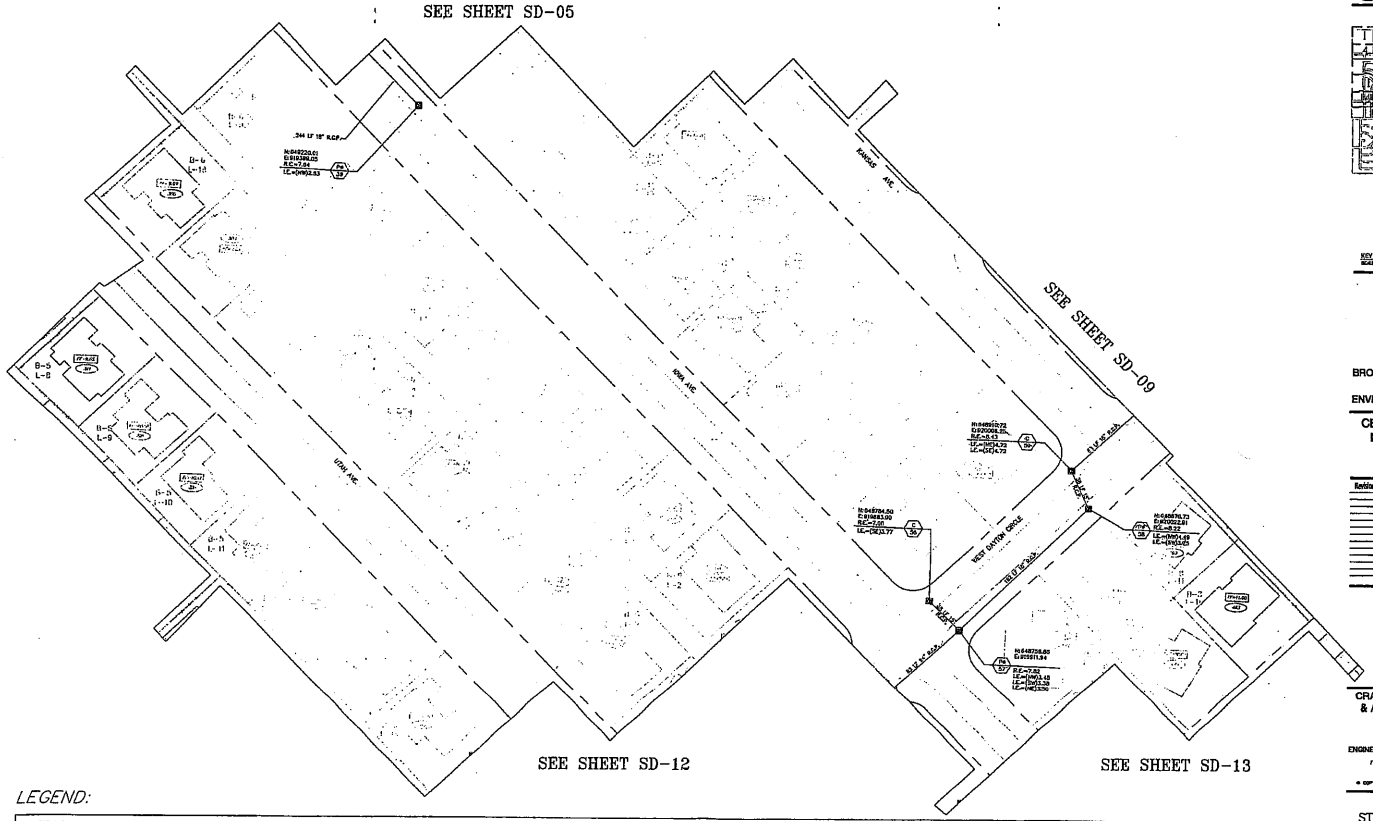
SEE SHEET SD-05

SEE SHEET SD-07

SEE SHEET SD-09

SEE SHEET SD-12

SEE SHEET SD-13



LEGEND:

N:604714.15 E:923963.83 R.E.=6.72 I.E.=3.95(S) I.E.=3.81(W)	21 INDICATES SANITARY SEWER STRUCTURE NUMBER AND COORDINATE VALUE W/VERT. DATA		INDICATES WATER METER BOX	N:100000.00 E:100000.00 G.E.=0.00 E.E.=-0.00	10 C.B. INDICATES CATCH BASIN STRUCTURE NUMBER AND COORDINATE VALUE		INDICATES DRAINAGE MANHOLE
R.E.=	INDICATES SANITARY SEWER RIM ELEVATION		INDICATES SANITARY (DOUBLE) SERVICE			C.L.	INDICATES CURB INLET
I.E.(E)=	INDICATES SANITARY SEWER INVERT ELEVATION W/DIRECTION		INDICATES SANITARY (SINGLE) SERVICE	G.E.=	INDICATES GRATE ELEVATION		INDICATES SANITARY SEWER MANHOLE
F.M.	INDICATES FORCE MAIN		INDICATES FIRE HYDRANT ASSEMBLY				INDICATES ABANDONED UTILITIES
D.I.P.	INDICATES DUCTILE IRON PIPE		INDICATES WATER MAIN, TEE, GATE VALVE & REDUCER		INDICATES CATCH BASIN STRUCTURE		
W.M.	INDICATES WATERMAIN		INDICATES WATER MAIN PLUG WITH BLOW-OFF	FF=	INDICATES FINISH FLOOR ELEVATION	Dbl=	INDICATES DOUBLE
S.A.M. SEWER	INDICATES SANITARY SEWER		INDICATES GATE VALVE	1101	INDICATES ADDRESS	V.Band=	INDICATES VERTICAL BAND

I HEREBY CERTIFY THAT THESE RECORD DRAWINGS AS THE FACILITY HAVE BEEN REVIEWED BY ME OR UNDER MY DIRECT SUPERVISION AND ARE TRUE COMPLETENESS AND ADEQUACY, AND ARE TRUE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FIELD WORK FOR THE AS-BUILT WINGS HAS BEEN DONE BY CRAVEN THOMPSON ASSOCIATES, INC.

JAN 3 1 2005

Patrick L. Gibney
Florida P.E. No. 49428

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT

Revision	Date

CRAVEN • THOMPSON & ASSOCIATES, INC.

ENGINEERS • PLANNERS • SURVEYORS
3563 N.W. 53rd STREET
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PHONE: (954) 730-2400
FAX: (954) 730-8103
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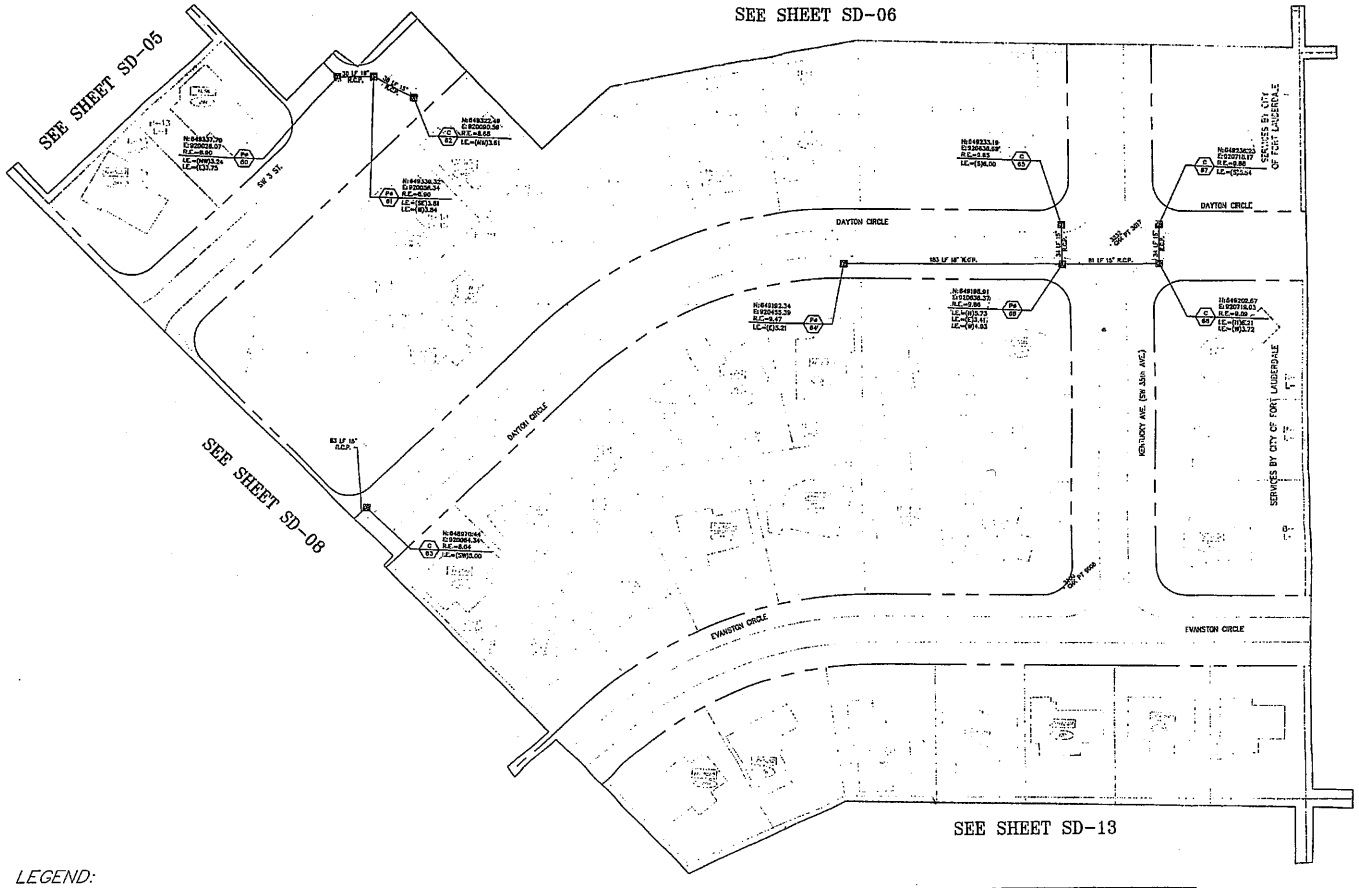
STORM DRAINAGE ASBUILT PLAN

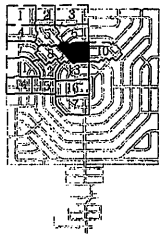
Date	MARCH 2005
Project No.	93-0065.01
In Charge	R.D.COLE
Design By	P. GIBNEY
Drawn By	NN
Sheet No.	10 of 19

SD-08

BROWARD COUNTY ENG. DIV. REF. #990122002

SCALE 1"=40'





KEY MAP
SCALE:NONE

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT

Revision	Date

CRAVEN • THOMPSON & ASSOCIATES, INC.

ENGINEERS • PLANNERS • SURVEYORS
3563 N.W. 53rd STREET
FORT LAUDERDALE, FLORIDA 33309
PHONE: (954) 726-8100
FAX: (954) 726-8400
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STORM DRAINAGE ASBUILT PLAN

Date	MARCH 2005
Project No.	95-0055.01
In Charge	R.D.COLE
Design By	P. GIBNEY
Drawn By	JVN
Sheet No.	11 of 19

SD-09

LEGEND:

- N:604714.15 E:923663.83 R.E.=9.72 I.E.=3.95(E) I.E.=3.59(W) (21) — INDICATES SANITARY SEWER STRUCTURE NUMBER AND COORDINATE VALUE W/VERT. DATA
- R.E.= INDICATES SANITARY SEWER RIM ELEVATION
- I.E.(E)= INDICATES SANITARY SEWER INVERT ELEVATION W/DIRECTION
- F.M. INDICATES FORCE MAIN
- D.I.P. INDICATES DUCTILE IRON PIPE
- W.M. INDICATES WATERMAIN
- SAN. SEWER INDICATES SANITARY SEWER
- INDICATES WATER METER BOX
- INDICATES SANITARY (DOUBLE) SERVICE
- INDICATES SANITARY (SINGLE) SERVICE
- INDICATES FIRE HYDRANT ASSEMBLY
- INDICATES WATER MAIN, TEE, GATE VALVE & REDUCER
- INDICATES WATER MAIN PLUG WITH BLOW-OFF
- INDICATES GATE VALVE
- N:100000.00 E:100000.00 G.E.=0.00 I.E.=-0.00 (10) C.B. — INDICATES CATCH BASIN STRUCTURE NUMBER AND COORDINATE VALUE
- G.E.= INDICATES GRATE ELEVATION
- INDICATES CATCH BASIN STRUCTURE
- FF= INDICATES FINISH FLOOR ELEVATION
- (1104) INDICATES ADDRESS
- INDICATES DRAINAGE MANHOLE
- C.I. INDICATES CURB INLET
- INDICATES SANITARY SEWER MANHOLE
- INDICATES ABANDONED UTILITIES
- Dbl= INDICATES DOUBLE
- V.Bend= INDICATES VERTICAL BEND

CERTIFICATE

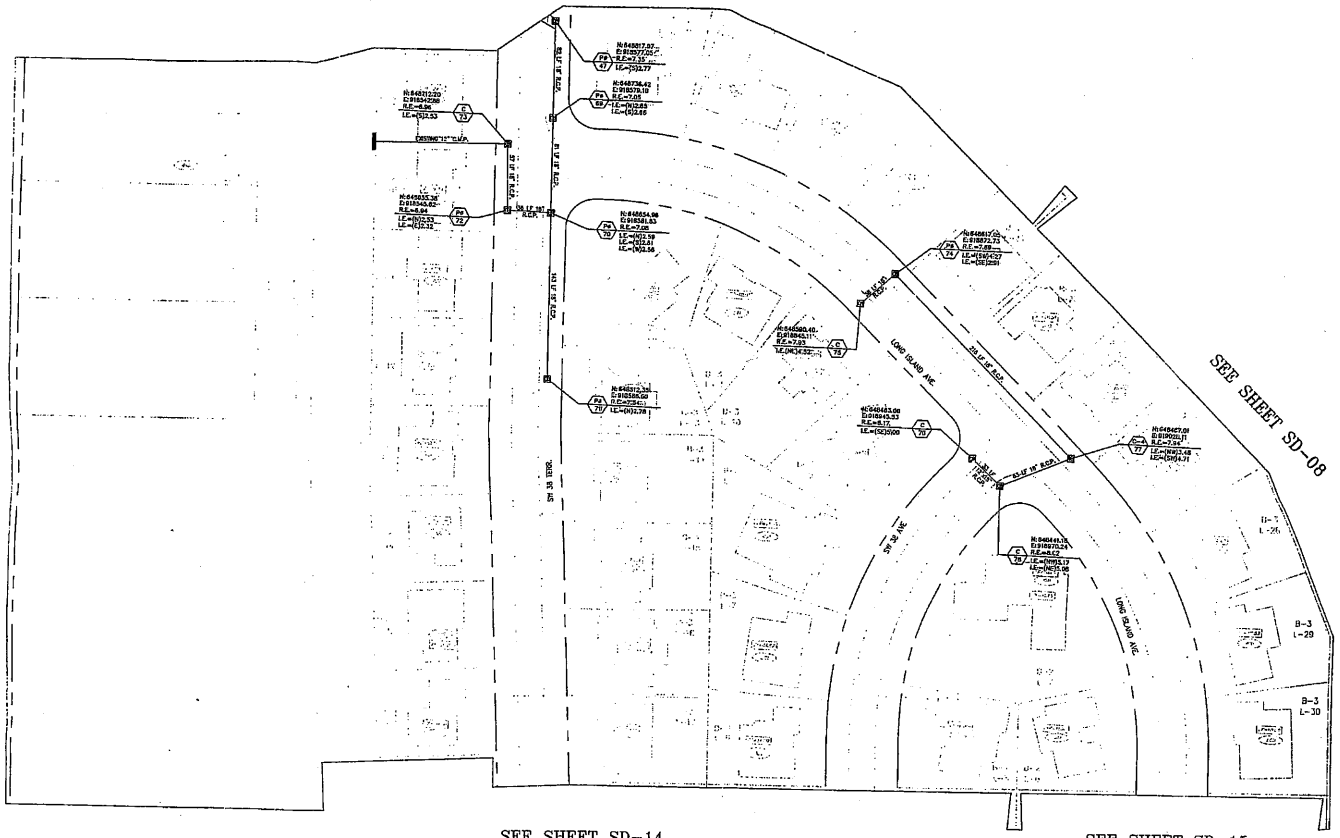
I HEREBY CERTIFY THAT THESE RECORD DRAWINGS FOR THE FACILITY HAVE BEEN REVIEWED BY ME OR BY INDIVIDUAL(S) UNDER MY DIRECT SUPERVISION FOR COMPLETENESS AND ADEQUACY, AND ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE FIELD WORK FOR THE AS-BUILT DRAWINGS HAS BEEN DONE BY CRAVEN THOMPSON & ASSOCIATES, INC.

Patrick J. Gibney
Florida P.E. No. 49428

JAN 3 1 2006
DATE

BROWARD COUNTY ENG. DIV. REF. #990122002

SEE SHEET SD-07



SEE SHEET SD-14

SEE SHEET SD-15

SCALE: 1"=40'

0 20 40 80

KEY MAP
SCALE: NONE

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT

Revision	Date

CRAVEN • THOMPSON & ASSOCIATES, INC.

ENGINEERS • PLANNERS • SURVEYORS

2563 S.W. 52nd STREET
FORT LAUDERDALE, FLORIDA 33309
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FAX: (954) 739-6409

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STORM DRAINAGE ASBUILT PLAN

Date	MARCH 2005
Project No.	95-0065.01
In Charge	R.D. COLE
Design By	P. GIBNEY
Drawn by	JVN
Sheet No.	13 of 19

SD-11

LEGEND:

N: 604714.15 E: 923963.83 R.E.=9.72 I.E.=3.95(E) I.E.=3.95(W) (21)	INDICATES SANITARY SEWER STRUCTURE NUMBER AND COORDINATE VALUE W/VERT. DATA
R.E.=	INDICATES SANITARY SEWER RIM ELEVATION
I.E.(E)=	INDICATES SANITARY SEWER INVERT ELEVATION W/DIRECTION
F.M.	INDICATES FORCE MAIN
D.I.P.	INDICATES DUCTILE IRON PIPE
W.M.	INDICATES WATERMAIN
SAN. SEWER	INDICATES SANITARY SEWER
	INDICATES WATER METER BOX
	INDICATES SANITARY (DOUBLE) SERVICE
	INDICATES SANITARY (SINGLE) SERVICE
	INDICATES FIRE HYDRANT ASSEMBLY
	INDICATES WATER MAIN, TEE, GATE VALVE & REDUCER
	INDICATES WATER MAIN PLUG WITH BLOW-OFF
	INDICATES GATE VALVE
N:100000.00 E:100000.00 G.E.=0.00 I.E.=-0.00 (C.B.) (10)	INENCATES CATCH BASIN STRUCTURE NUMBER AND COORDINATE VALUE
G.E.=	INDICATES GRATE ELEVATION
CB	INDICATES CATCH BASIN STRUCTURE
FF=	INDICATES FINISH FLOOR ELEVATION
(1104)	INDICATES ADDRESS
(D)	INDICATES DRAINAGE MANHOLE
C.I.	INDICATES CURB INLET
(S)	INDICATES SANITARY SEWER MANHOLE
	INDICATES ABANDONED UTILITIES
Dbl=	INDICATES DOUBLE
V.Bend=	INDICATES VERTICAL BEND

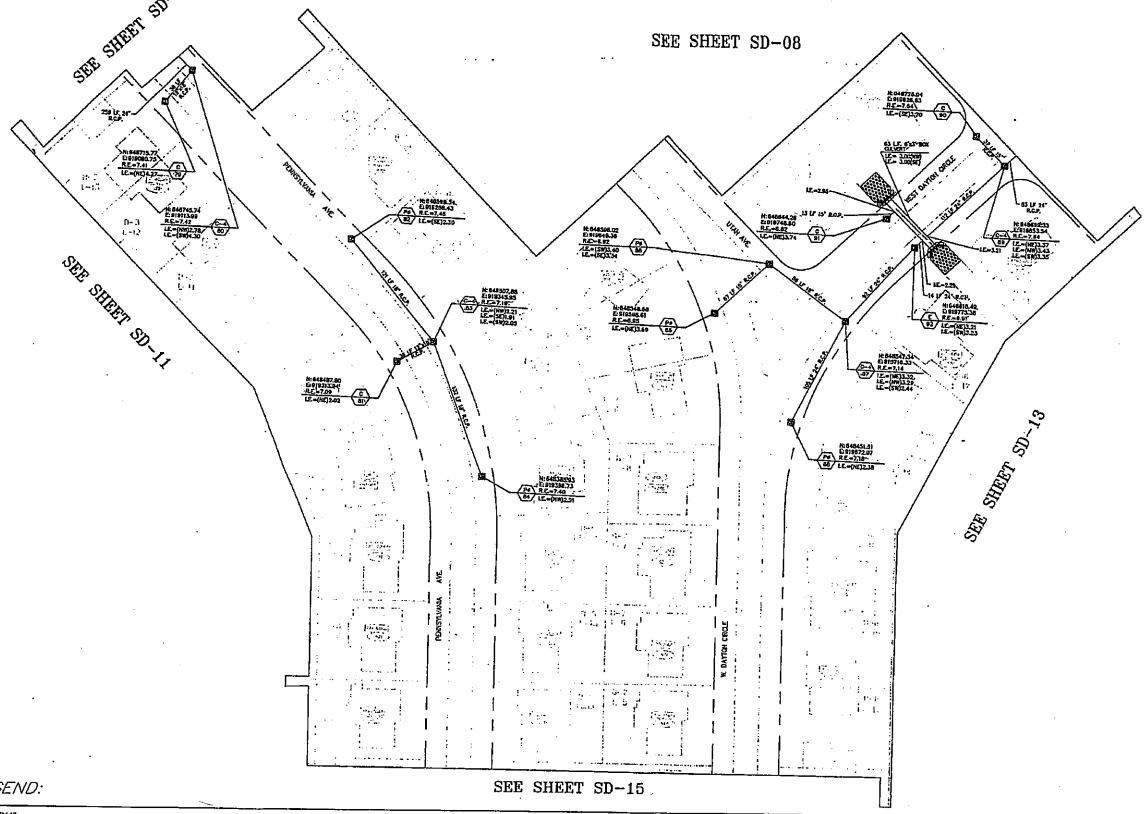
CERTIFICATE:

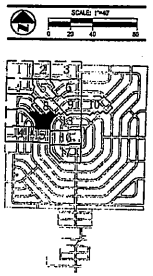
I HEREBY CERTIFY THAT THESE RECORD DRAWINGS AND THE FACILITY HAVE BEEN REVIEWED BY ME OR BY INDIVIDUAL(S) UNDER MY DIRECT SUPERVISION AS COMPLETENESS AND ADEQUACY, AND ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE FIELD WORK FOR THE AS-BUILT DRAWINGS HAS BEEN DONE BY CRAVEN THOMPSON & ASSOCIATES, INC.

Patrick H. Gibney
Florida P.E. No. 49428

JAN 3 1 2006
DATE

BROWARD COUNTY ENG. DIV. REF. #990122002





BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT

Revision	Date

CRAVEN · THOMPSON & ASSOCIATES, INC.

ENGINEERS · PLANNERS · SURVEYORS

3563 N.W. 53rd STREET
FORT LAUDERDALE, FLORIDA 33309
PHONE: (954) 726-8400
FAX: (954) 730-9420

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STORM DRAINAGE ASBUILT PLAN

Date	MARCH 2005
Project No.	95-0065.01
In Charge	R.D.COLE
Design By	P. GIMNEY
Drawn By	JVH
Sheet No.	14 of 19

SD-12

LEGEND:

N:604714.15 E:923663.83 R.E.=5.73 21 I.E.=3.05(S) I.E.=3.55(W)	INDICATES SANITARY SEWER STRUCTURE NUMBER AND COORDINATE VALUE W/INVERT DATA
R.E.=	INDICATES SANITARY SEWER RIM ELEVATION
I.E.(E)=	INDICATES SANITARY SEWER INVERT ELEVATION W/DIRECTION
F.M.	INDICATES FORCE MAIN
D.I.P.	INDICATES DUCTILE IRON PIPE
W.M.	INDICATES WATERMAIN
SAN. SEWER	INDICATES SANITARY SEWER
	INDICATES WATER METER BOX
	INDICATES SANITARY (DOUBLE) SERVICE
	INDICATES SANITARY (SINGLE) SERVICE
	INDICATES FIRE HYDRANT ASSEMBLY
	INDICATES WATER MAIN, TEE, GATE VALVE & REDUCER
	INDICATES WATER MAIN PLUG WITH BLOW-OFF
	INDICATES GATE VALVE
N:100000.00 E:100000.00 G.E.=0.00 I.E.=-0.00 10 C.B.	INDICATES CATCH BASIN STRUCTURE NUMBER AND COORDINATE VALUE
G.E.=	INDICATES GRATE ELEVATION
	INDICATES CATCH BASIN STRUCTURE
FF=	INDICATES FINISH FLOOR ELEVATION
7104	INDICATES ADDRESS
	INDICATES DRAINAGE MANHOLE
C.I.	INDICATES CURB INLET
S	INDICATES SANITARY SEWER MANHOLE
	INDICATES ABANDONED UTILITIES
Dbl=	INDICATES DOUBLE
V.Bend=	INDICATES VERTICAL BEND

CERTIFICATE:

I HEREBY CERTIFY THAT THESE RECORD DRAWINGS FOR THE FACILITY HAVE BEEN SURVEYED BY ME OR UNDER MY DIRECT SUPERVISION AND ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE FIELD WORK FOR THE AS-BUILT DRAWINGS HAS BEEN DONE BY CRAVEN THOMPSON & ASSOCIATES, INC.

JAN 3 1 2006
DATE

Patrick J. Gimney
Florida P.E. No. 45428

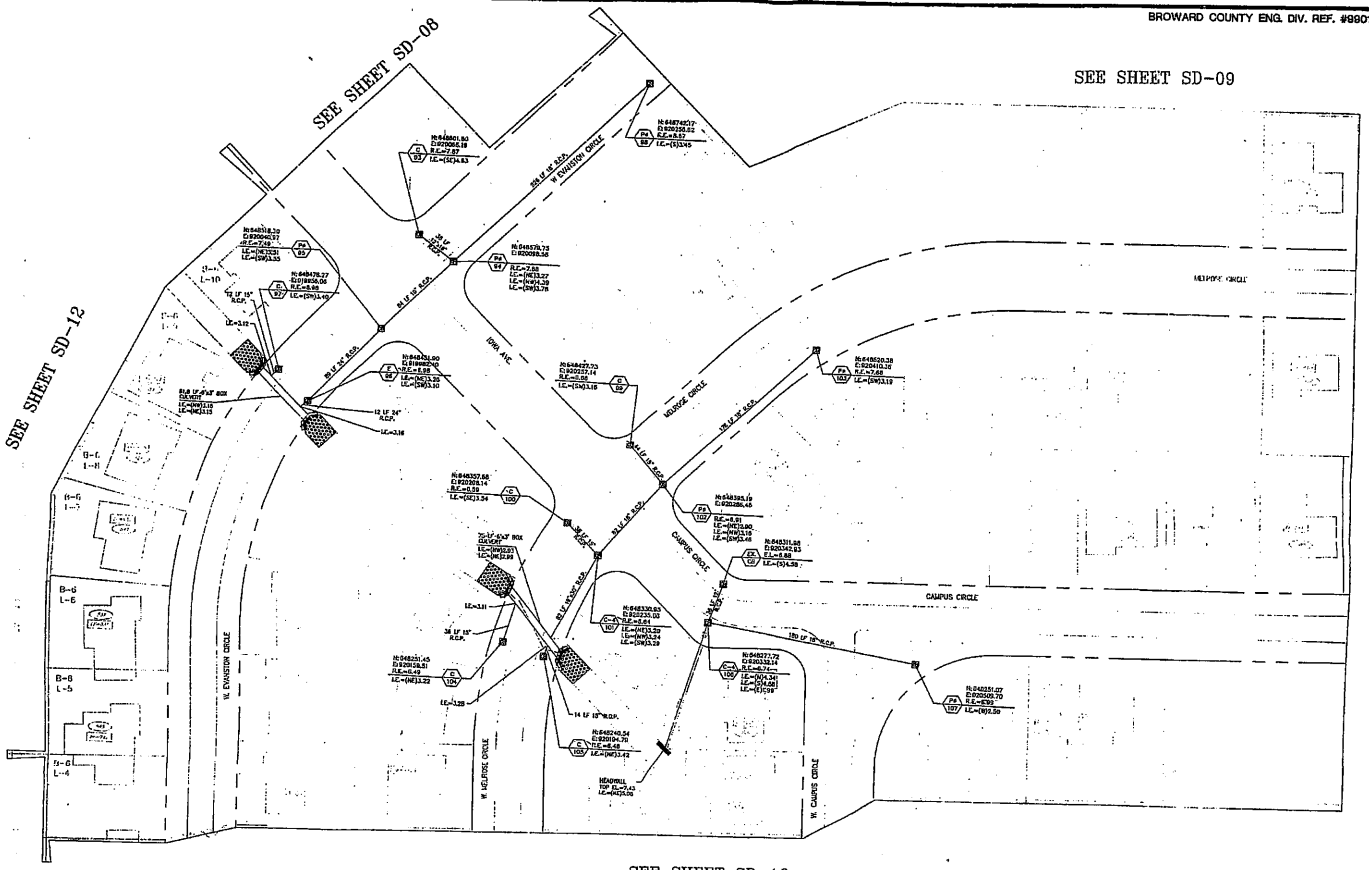
BROWARD COUNTY ENG. DIV. REF. #990122002

SEE SHEET SD-08

SEE SHEET SD-09

SEE SHEET SD-12

SEE SHEET SD-16



LEGEND:

N:604714.15 E:913963.03 R.E.=9.72 I.E.=3.05(E) I.E.=3.89(W)	(21) INDICATES SANITARY SEWER STRUCTURE NUMBER AND COORDINATE VALUE W/VERT. DATA	⊞	INDICATES WATER METER BOX	N:100000.00 E:100000.00 G.E.=0.00 I.E.w=-0.00	(10 C.B.) INDICATES CATCH BASIN STRUCTURE NUMBER AND COORDINATE VALUE
R.E.=	INDICATES SANITARY SEWER RIM ELEVATION		INDICATES SANITARY (DOUBLE) SERVICE	G.E.=	INDICATES GRATE ELEVATION
I.E.(E)=	INDICATES SANITARY SEWER INVERT ELEVATION W/DIRECTION		INDICATES SANITARY (SINGLE) SERVICE		INDICATES CATCH BASIN STRUCTURE
F.M.	INDICATES FORCE MAIN		INDICATES FIRE HYDRANT ASSEMBLY	FF=	INDICATES FINISH FLOOR ELEVATION
D.I.P.	INDICATES DUCTILE IRON PIPE		INDICATES WATER MAIN, TEE, GATE VALVE & REDUCER	(1104)	INDICATES ADDRESS
W.M.	INDICATES WATERMAIN		INDICATES WATER MAIN PLUG WITH BLOW-OFF		
SAN. SEWER	INDICATES SANITARY SEWER		INDICATES GATE VALVE		

Ⓓ	INDICATES DRAINAGE MANHOLE	C.I.	INDICATES CURB INLET
Ⓢ	INDICATES SANITARY SEWER MANHOLE	-+-+-+-+-	INDICATES ABANDONED UTILITIES
Dbl=	INDICATES DOUBLE	V.Bend=	INDICATES VERTICAL BEND

CERTIFICATE:

I HEREBY CERTIFY THAT THESE RECORD DRAWINGS AND THE FACILITY HAVE BEEN REVIEWED BY ME OR MY INDIVIDUAL(S) UNDER MY DIRECT SUPERVISION AND ARE COMPLETENESS AND ADEQUACY, AND ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE FIELD WORK FOR THE AS-BUILT DRAWINGS HAS BEEN DONE BY CRAVEN THOMPSON & ASSOCIATES, INC.

Florida P.E. No. 49428

JAN 3 1 2006
DATE

SCALE: 1"=40'
0 20 40 80

KEY MAP
SCALE NONE

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT

Revision	Date

CRAVEN • THOMPSON & ASSOCIATES, INC.

ENGINEERS • PLANNERS • SURVEYORS

7063 N.W. 50th STREET
FORT LAUDERDALE, FLORIDA 33313
PHONE: (954) 738-6400
FAX: (954) 738-6410

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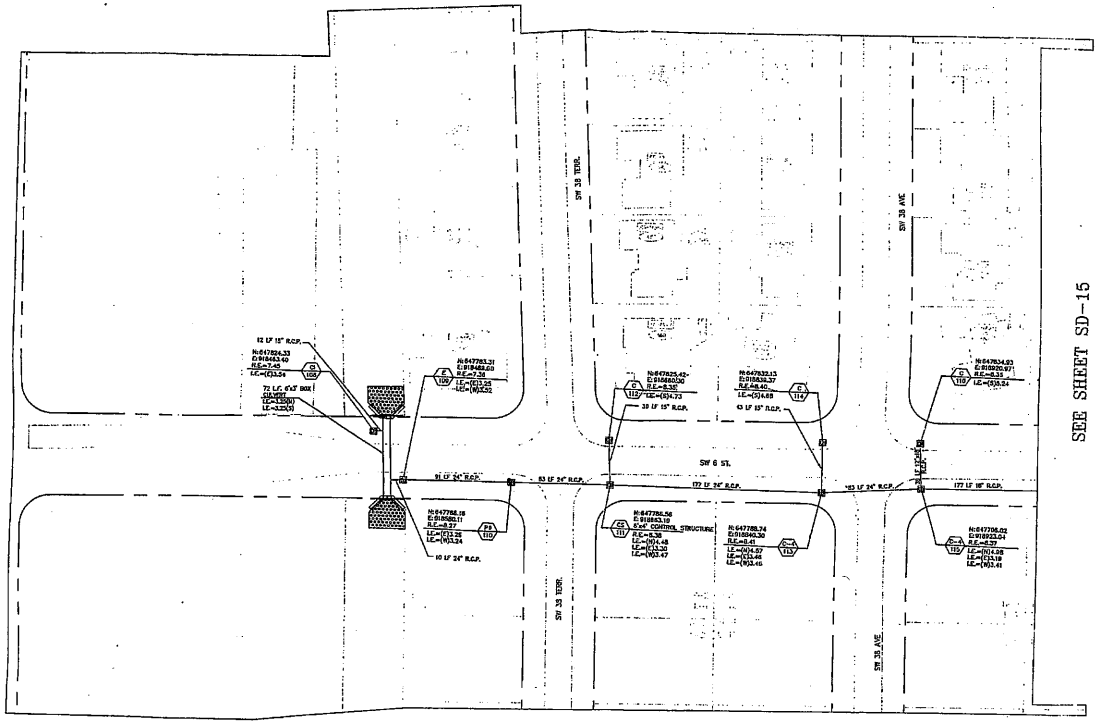
STORM DRAINAGE ASBUILT PLAN

Date	MARCH 2005
Project No.	SS-0065.01
In Charge	R.D.COLE
Design by	P. GIBNEY
Drawn by	JVW
Sheet No.	15 of 19

SD-13

BROWARD COUNTY ENG. DIV. REF. #990122002

SEE SHEET SD-11



LEGEND:

N:647714.15 E:923943.83 R.E.=9.72 L.E.=-3.95(E) L.E.=-3.95(W) (21)	INDICATES SANITARY SEWER STRUCTURE NUMBER AND COORDINATE VALUE W/VERT. DATA
R.E.=	INDICATES SANITARY SEWER RIM ELEVATION
I.E.(E)=	INDICATES SANITARY SEWER INVERT ELEVATION W/DIRECTION
F.M.	INDICATES FORCE MAIN
D.I.P.	INDICATES DUCTILE IRON PIPE
W.M.	INDICATES WATERMAIN
SAN. SEWER	INDICATES SANITARY SEWER
	INDICATES WATER METER BOX
	INDICATES SANITARY (DOUBLE) SERVICE
	INDICATES SANITARY (SINGLE) SERVICE
	INDICATES FIRE HYDRANT ASSEMBLY
	INDICATES WATER MAIN, TEE, GATE VALVE & REDUCER
	INDICATES WATER MAIN PLUG WITH BLOW-OFF
	INDICATES GATE VALVE
N:100000.00 E:100000.00 G.E.=0.00 I.E.=-0.00 (10 C.B.)	INDICATES CATCH BASIN STRUCTURE NUMBER AND COORDINATE VALUE
G.E.=	INDICATES GRATE ELEVATION
(CB)	INDICATES CATCH BASIN STRUCTURE
FF=	INDICATES FINISH FLOOR ELEVATION
(1104)	INDICATES ADDRESS
(D)	INDICATES DRAINAGE MANHOLE
C.I.	INDICATES CURB INLET
(S)	INDICATES SANITARY SEWER MANHOLE
	INDICATES ABANDONED UTILITIES
Dbl=	INDICATES DOUBLE
V.Bend=	INDICATES VERTICAL BEND

CERTIFICATE:

I HEREBY CERTIFY THAT THESE RECORD DRAWINGS AND THE FACILITY HAVE BEEN REVIEWED BY ME OR MY INDIVIDUAL(S) UNDER MY DIRECT SUPERVISION FOR COMPLETENESS AND ACCURACY, AND ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE FIELD WORK FOR THE AS-BUILT DRAWINGS HAS BEEN DONE BY CRAVEN THOMPSON & ASSOCIATES, INC.

JAN 3 1 2005

Patrick F. Gibney
Florida P.E. No. 49428

SCALE: 1"=40'
0 20 40 80

KEY MAP
EXERCISE

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT

Revision	Date

CRAVEN • THOMPSON & ASSOCIATES, INC.

ENGINEERS • PLANNERS • SURVEYORS
2363 N.W. 53rd STREET
FORT LAUDERDALE, FLORIDA 33309
PHONE: (954) 739-6400
FAX: (954) 739-6409

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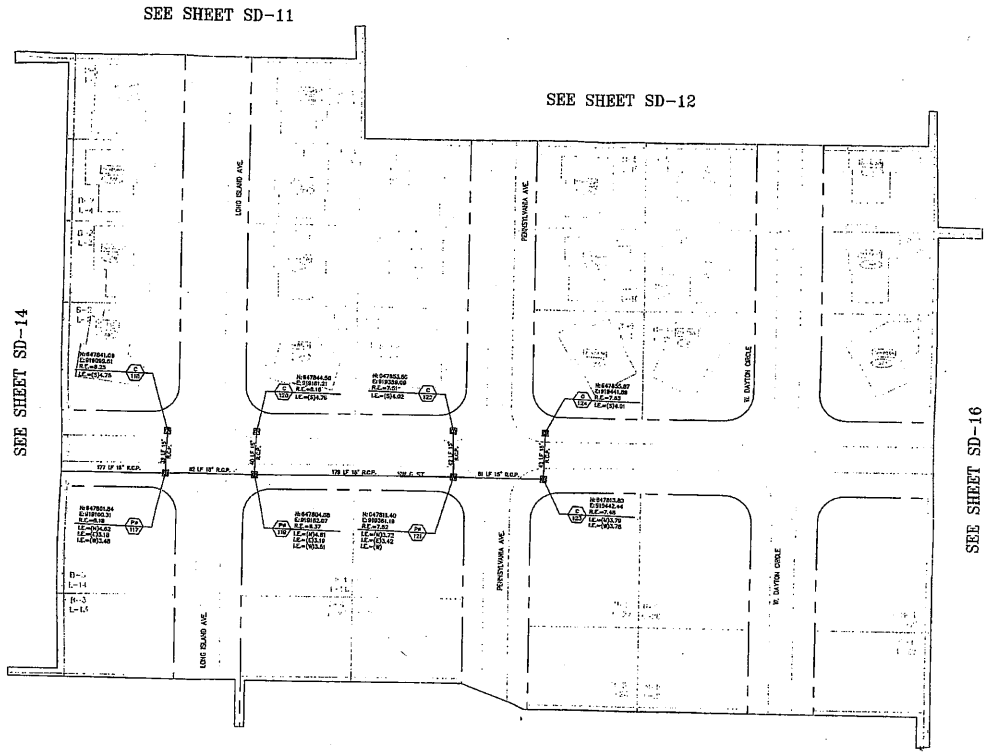
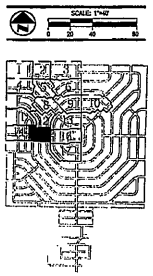
STORM DRAINAGE ASBUILT PLAN

Date	MARCH 2005
Project No.	95-0005.01
In Charge	R.D.COLE
Design By	P. GIBNEY
Drawn By	JVH
Sheet No.	16 of 19

SD-14

BROWARD COUNTY ENG. DIV. REF. #990122002





KEY MAP
NOT TO SCALE

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT

Revision	Date

CRAVEN • THOMPSON & ASSOCIATES, INC.

ENGINEERS • PLANNERS • SURVEYORS
3563 N.W. 53rd STREET
FORT LAUDERDALE, FLORIDA 33309
PHONE: (954) 739-6400
FAX: (954) 739-6409
© COPYRIGHT CRAVEN THOMPSON & ASSOCIATES, INC.

LEGEND:

- INDICATES SANITARY SEWER STRUCTURE NUMBER AND COORDINATE VALUE W/VERT. DATA
- I.E.= INDICATES SANITARY SEWER RIM ELEVATION
- I.E.(E)= INDICATES SANITARY SEWER INVERT ELEVATION W/DIRECTION
- F.M. INDICATES FORCE MAIN
- D.I.P. INDICATES DUCTILE IRON PIPE
- W.M. INDICATES WATERMAIN
- SAN. SEWER INDICATES SANITARY SEWER
- INDICATES WATER METER BOX
- INDICATES SANITARY (DOUBLE) SERVICE
- INDICATES SANITARY (SINGLE) SERVICE
- INDICATES FIRE HYDRANT ASSEMBLY
- INDICATES WATER MAIN, TEE, GATE VALVE & REDUCER
- INDICATES WATER MAIN PLUG WITH BLOW-OFF
- INDICATES GATE VALVE
- INDICATES CATCH BASIN STRUCTURE NUMBER AND COORDINATE VALUE
- G.E.= INDICATES GRATE ELEVATION
- INDICATES CATCH BASIN STRUCTURE
- F.F.= INDICATES FINISH FLOOR ELEVATION
- INDICATES ADDRESS
- INDICATES DRAINAGE MANHOLE
- C.I. INDICATES CURB INLET
- INDICATES SANITARY SEWER MANHOLE
- INDICATES ABANDONED UTILITIES
- Dbl= INDICATES DOUBLE
- V.Bend= INDICATES VERTICAL BEND

CERTIFICATE:

I HEREBY CERTIFY THAT THESE RECORD DRAWINGS FOR THE FACILITY HAVE BEEN REVIEWED BY ME OR MY INDIVIDUAL(S) UNDER MY DIRECT SUPERVISION AND ARE TRUE, COMPLETENESS AND ADEQUACY, AND ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE FIELD WORK FOR THE AS-BUILT DRAWINGS HAS BEEN DONE BY CRAVEN THOMPSON & ASSOCIATES, INC.

JAN 3 1 2006

Patrick F. Gilner
Florida P.E. No. 49428

STORM DRAINAGE ASBUILT PLAN

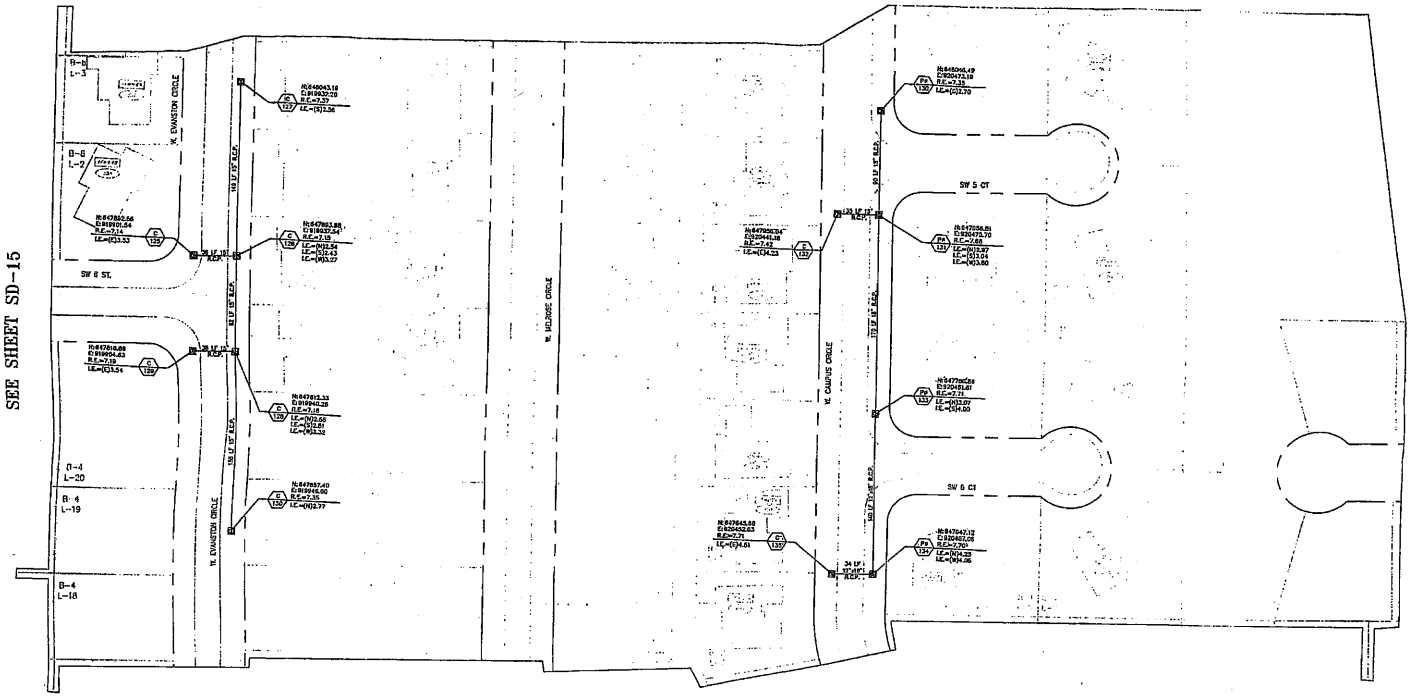
Date	MARCH 2005
Project No.	95-0005.01
In Charge	R.D.COLE
Design By	P. GINNEY
Drawn By	JVN
Sheet No.	17 of 19

SD-15

BROWARD COUNTY ENG. DIV. REF. #990122002

SEE SHEET SD-13

SEE SHEET SD-15



SEE SHEET SD-19

LEGEND:

N:604714.15 E:923063.83 R.E.=8.72 I.E.=3.05(E) I.E.=3.26(W) 21	INDICATES SANITARY SEWER STRUCTURE NUMBER AND COORDINATE VALUE W/VERT. DATA
R.E.=	INDICATES SANITARY SEWER RIM ELEVATION
I.E.(E)=	INDICATES SANITARY SEWER INVERT ELEVATION W/DIRECTION
F.M.	INDICATES FORCE MAIN
D.I.P.	INDICATES DUCTILE IRON PIPE
W.M.	INDICATES WATERMAIN
SAN. SEWER	INDICATES SANITARY SEWER
	INDICATES WATER METER BOX
	INDICATES SANITARY (DOUBLE) SERVICE
	INDICATES SANITARY (SINGLE) SERVICE
	INDICATES FIRE HYDRANT ASSEMBLY
	INDICATES WATER MAIN, TEE, GATE VALVE & REDUCER
	INDICATES WATER MAIN PLUG WITH BLOW-OFF
	INDICATES GATE VALVE
N:100000.00 E:100000.00 G.E.=0.00 I.E.=-0.00 10 C.B.	INDICATES CATCH BASIN STRUCTURE NUMBER AND COORDINATE VALUE
G.E.=	INDICATES GRATE ELEVATION
	INDICATES CATCH BASIN STRUCTURE
FF=	INDICATES FINISH FLOOR ELEVATION
1104	INDICATES ADDRESS
D	INDICATES DRAINAGE MANHOLE
C.I.	INDICATES CURB INLET
S	INDICATES SANITARY SEWER MANHOLE
	INDICATES ABANDONED UTILITIES
Dbl=	INDICATES DOUBLE
V.Bend=	INDICATES VERTICAL BEND

CERTIFICATE:

I HEREBY CERTIFY THAT THESE RECORD DRAWINGS FOR THE FACILITY HAVE BEEN REVIEWED BY US OR BY INDIVIDUAL(S) UNDER MY DIRECT SUPERVISION FOR COMPLETENESS AND ADEQUACY, AND ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FIELD WORK FOR THE AS-BUILT DRAWINGS HAS BEEN DONE BY CRAVEN THOMPSON & ASSOCIATES, INC.

JUN 3 1 2005

PATRICK W. GINDEY
Florida P.E. No. 49428

SCALE: 1"=40'
0 20 40 80

KEY MAP
NOT TO SCALE

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT

Revision	Date

CRAVEN • THOMPSON & ASSOCIATES, INC.

ENGINEERS • PLANNERS • SURVEYORS
3563 N.W. 53rd STREET
FORT LAUDERDALE, FLORIDA 33309
PHONE: (954) 739-6400
FAX: (954) 739-6409

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STORM DRAINAGE ASBUILT PLAN

Date	MARCH 2005
Project No.	95-0005.01
In Charge	R.D. COLE
Design By	P. GINDEY
Drawn By	JVH
Sheet No.	18 of 19

SD-16

SOUTH FLORIDA WATER
MANAGEMENT DISTRICT

CONSTRUCTION COMPLETION / CERTIFICATION MAPS

PERMIT NUMBER:

06-02523-P

APPLICATION #

100222-13

ISSUED DATE:

13-MAR-96

CERTIFICATE:
I HEREBY CERTIFY THAT THIS PROJECT DRAINAGE SYSTEM HAS BEEN INSPECTED BY ME OR MY INDIVIDUAL(S) UNDER MY DIRECT SUPERVISION FOR COMPLETENESS AND ACCURACY, AND AM TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE FIELD WORK FOR THE AS-BUILT DRAWINGS HAS BEEN DONE BY: C.A. PETRUCCI
FILIPPELLI, ESTES & PETRUCCI
Pierre J. Closey
Florida P.E. No. 49428
JAN 25 2006
DATE

BROWARD COUNTY ENG. DIV. REF. # 991025002

DRAINAGE INSTALLATION TO BE COORDINATED WITH THE PROPOSED WATER MAIN AND SANITARY SEWER INSTALLATION

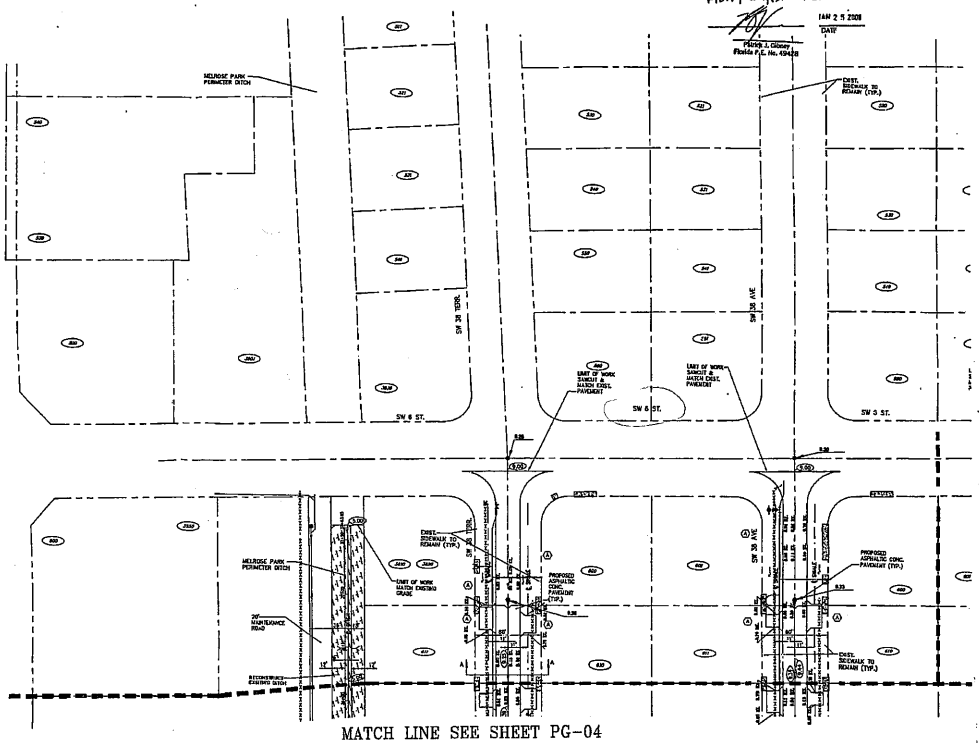
SCALE: 1"=40'
0 20 40 80

I CERTIFY THAT LOCATIONS, DIMENSIONS, AND ELEVATIONS SHOWN ON THESE DRAWINGS WITH RESPECT TO THE PAVING AND DRAINAGE FACILITIES ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
RAFAEL FILIPPELLI, INC. P.S.M. 4901
17101 ORANGE GROVE BLVD.
LOXAHATCHEE, FL 33470
(561)790-4726
SIGNATURE: Rafael Filippelli
DATE: 5/07/03

RECEIVED
JAN 27 2006
ERC 4230

AS-BUILT LEGEND
EX. = EXISTING ROCK

KEY MAP
NOT TO SCALE



BROWARD COUNTY PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

☐ PLAN CONSISTENT WITH PLAT REQUIREMENTS

☐ PUBLIC RIGHT OF WAY APPROVAL FOR PAVING, GRADING AND DRAINAGE

BY: _____ DATE: _____

DOES NOT INCLUDE APPROVAL OF PAVEMENT MARKING & SIGNS

PERMIT SET
MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION

MATERIAL
ALL MATERIAL USED AND INSTALLATIONS MADE WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS SHALL BE IN ACCORDANCE WITH THE BROWARD COUNTY ENGINEERING DIVISION "MINIMUM STANDARDS"

NOTICE INSPECTION REQUIRED
24 HOURS PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RIGHT-OF-WAY, CONTACT THE BROWARD COUNTY ENGINEERING DIVISION AT (954) 357-6233 FOR INSPECTION

NOTE
APPROVAL OF THIS PLAN DOES NOT CONSTITUTE A PERMIT FOR CONSTRUCTION. A PERMIT FOR CONSTRUCTION MUST BE OBTAINED FROM THE BROWARD COUNTY ENGINEERING DIVISION PRIOR TO COMMENCING CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY.

BROWARD COUNTY
BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT
MELROSE PARK S.W.

Revision	Date
90% SUBMITTAL – MELROSE PARK S.W.	07 JAN 99
100% SUBMITTAL – MELROSE PARK S.W.	11 OCT 99
100% SUBMITTAL – MELROSE PARK S.W.	17 DEC 99
REVISE PERMIT	21 MAY 01

SEAL

RECEIVED
MAY 29 2003

CRAVEN • THOMPSON & ASSOCIATES, INC.
ENGINEERS • PLANNERS • SURVEYORS
3563 N.W. 53rd STREET
FORT LAUDERDALE, FLORIDA 33309
PHONE: (954) 739-6400
FAX: (954) 739-6409
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PAVING, GRADING & DRAINAGE PLAN

Date 02AUG2511999
Project No95-0065.02
In Charge R.D.COLE
Design By H.DEBEL
Drawn By G.M.MOOTZ
Sheet No.21 126 of 1

PG-01

PROPOSED LEGEND:

- PROPOSED SIDEWALK (SEE DETAIL FOR SPECIFICATIONS)
- PROPOSED PAVEMENT CONSTRUCTION
- PROPOSED RECONSTRUCTED DRIVEWAY
- PAVEMENT RESTORATION
- DITCH RECONSTRUCTION
- STORM DRAIN TYPE
- STORM DRAIN MARKER
- PROPOSED STORM INLET WITH EXFILTRATION TRENCH
- PROPOSED STORM MAINTENANCE ACCESS STRUCTURE
- FF= FINISH FLOOR ELEVATION
- 11.00 EXISTING GRADE
- 11.00 PROPOSED GRADE
- P-9 TYPE "P" STRUCTURE (ROUND)
- P-9 TYPE "P" STRUCTURE (SQUARE)
- (R) RAISED INLET GRATE OR RIM (+ 0.50 FEET ABOVE FLOW LINE)
- R.C= RIM / GRATE ELEVATION
- I.E= INVERT ELEVATION
- L.F. LINEAR FOOTAGE OF PIPE
- DRAINAGE FLOW
- PROPOSED DRAINAGE STRUCTURE
- PROPOSED DRAINAGE PIPE
- PROPOSED 8'x3' BOX CULVERT
- 5.21 GRADE (DESIGNE S.W.) ELEVATION
- INDICATES DRIVEWAY CONSTRUCTED PER TYPE "A" DRIVEWAY DETAIL

NOTE:

1. NOT ALL EXISTING UTILITIES SHOWN ON PLAN. REFER TO EXISTING CONDITIONS PLANS FOR TYPE & LOCATION OF EXISTING UTILITIES.
2. ALL EXISTING CATCH BASINS & STORM DRAINS LOCATED WITHIN RIGHT-OF-WAY TO BE REMAINED UNLESS OTHERWISE SHOWN. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD PRIOR TO ANY REMOVAL OF ANY DRAINAGE STRUCTURES. ANY OR PIPING, BARRIER & STORM DRAINS REMOVED SHALL BE BACKFILLED PER BROWARD COUNTY SPECIFICATIONS.
3. ALL INTERSECTIONS SHALL HAVE A PAVEMENT RADIUS OF 30 FEET UNLESS OTHERWISE SHOWN.
4. ALL EXISTING BRICKMAN SHOWN DURING WORK SHALL BE REMAIN UNLESS OTHERWISE SHOWN.
5. EXISTING FENCES, WALLS, ETC. LOCATED WITHIN RIGHT-OF-WAY SHALL BE RELOCATED TO OWNERS PROPERTY.
6. EXISTING CATCH BASINS LOCATED WITHIN RIGHT-OF-WAY MAY BE CHANGED TO ACCEPT ENTIRETY OF ROOF DRAINS, IF THIS BRICKMAN IS DISCONNECTED DURING CONSTRUCTION THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD AND THE CONTRACTOR SHALL NOT REMOVE ANY PIPE OR CATCH BASINS UNLESS AUTHORIZED TO DO SO BY THE ENGINEER OF RECORD.
7. PROVIDE A 2 FOOT LEVELED SURF OF SOD ALONG BACK OF PROPOSED SIDEWALK TO ELIMINATE EROSION.
8. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY RELOCATION/COORDINATION OF EXISTING UTILITIES (WATER, SEWER) AS REQUIRED TO FACILITATE PROPOSED INFRASTRUCTURE.

EXISTING LEGEND:

- MANLESS CONNECTION
- FIRE HYDRANT ASSEMBLY
- WATER GATE VALVE
- WATER METER
- DOUBLE WATER METER
- POWER POLE
- POLE ANCHOR
- DRAINAGE INLET
- SANITARY SEWER MAINTENANCE ACCESS STRUCTURE
- ELECTRICAL BOX
- SOUTHERN BELL MAINTENANCE ACCESS STRUCTURE
- TRAFFIC SIGNAL BOX
- GAS VALVE
- GAS METER
- AT&T MAINTENANCE ACCESS STRUCTURE
- TELEPHONE BOX
- MONITORING WELL
- FLORIDA POWER & LIGHT
- OVERHEAD SOUTHERN BELL TELEPHONE
- UNDERGROUND SOUTHERN BELL TELEPHONE
- SANITARY SEWER
- GAS MAIN
- STORM SEWER
- WATER MAIN
- FORCE MAIN
- TO BE REMOVED
- TO BE ABANDONED
- BLOCK MARKER
- LOT NUMBER
- ADDRESS
- FINISH FLOOR

CERTIFICATE:

"I HEREBY CERTIFY THAT THESE RECORD DRAWINGS OF THE FACILITY HERE SHOWN HAVE BEEN REVIEWED BY ME FOR COMPLETENESS AND ADEQUACY, AND ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE FIELD WORK FOR THE AS-BUILT DRAWINGS HAS BEEN DONE BY: RAFAEL PILIPPELLI, P.S.M. #4901

JAN 2 5 2006

Patrick J. Gibney
Florida P.E. No. 49420

DATE

BROWARD COUNTY ENG. DIV. REF. # 991025002

DRAINAGE INSTALLATION TO BE COORDINATED WITH THE PROPOSED WATER MAIN AND SANITARY SEWER INSTALLATION

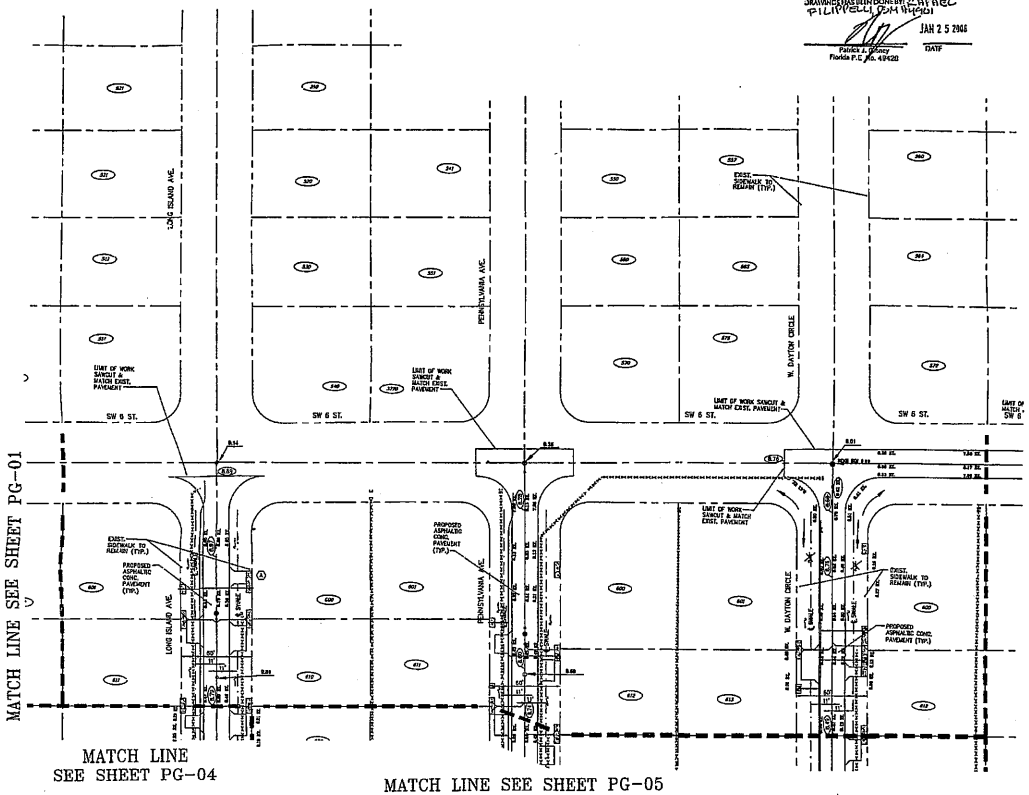
SCALE: 1"=40'
0 20 40 80

I CERTIFY THAT LOCATIONS, DIMENSIONS, AND ELEVATIONS SHOWN ON THESE DRAWINGS WITH RESPECT TO THE PAVING AND DRAINING FACILITIES ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
RAFAEL PILIPPELLI, INC. P.S.M. 4901
17501 ORANGE GROVE BLVD.
LOXAHATCHEE, FL 33470
(561)798-6728
SIGNATURE: Rafael Pilippelli
DATE: 5/27/03

AS-BUILT LEGEND

EX. = EXISITING ROCK

KEY MAP
NONE



BROWARD COUNTY PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

☐ PLAN CONSISTENT WITH PLAT REQUIREMENTS

☐ PUBLIC RIGHT OF WAY APPROVAL FOR PAVING, GRADING AND DRAINAGE

BY: _____ DATE: _____

DOES NOT INCLUDE APPROVAL OF THE LANDSCAPING & SIGNS

SEE SHEET _____ FOR SITE PLAN

REQUIRED PROTECTION OF TREES DURING CONSTRUCTION

MATERIAL
ALL MATERIAL USED AND INSTALLATIONS MADE WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS SHALL BE IN ACCORDANCE WITH THE BROWARD COUNTY ENGINEERING DIVISION "MINIMUM STANDARDS"

NOTICE INSPECTION REQUIRED
24 HOURS PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RIGHT-OF-WAY, CONTACT THE BROWARD COUNTY ENGINEERING DIVISION AT (954) 357-6233 FOR INSPECTION

NOTE
APPROVAL OF THIS PLAN DOES NOT CONSTITUTE A PERMIT FOR CONSTRUCTION. A PERMIT FOR CONSTRUCTION MUST BE OBTAINED FROM THE BROWARD COUNTY ENGINEERING DIVISION PRIOR TO COMMENCING CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY.

BROWARD COUNTY
FLORIDA

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT
MELROSE PARK S.W.

Revision	Date
30% SUBMITTAL – MELROSE PARK S.W.	02 AUG 99
60% SUBMITTAL – MELROSE PARK S.W.	16 OCT 99
100% SUBMITTAL – MELROSE PARK S.W.	17 DEC 99
1 REVISE PAVERS	21 JULY 00

SEAL

RECEIVED MAY 29 2003

CRAVEN • THOMPSON & ASSOCIATES, INC.

ENGINEERS • PLANNERS • SURVEYORS
1563 N.W. 52nd STREET
FORT LAUDERDALE, FLORIDA 33309
PHONE (954) 776-1626
FAX (954) 776-1609

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PAVING, GRADING & DRAINAGE PLAN

Date 02AUGUST1999
Project No85-0065.02
In Charge R.D.COLE
Design By H.DOBEL
Drawn By G.M.MOOTZ
Sheet No22 126 of

PG-02

PROPOSED LEGEND:

- PROPOSED SIDEWALK (SEE DETAIL FOR SPECIFICATIONS)
- PROPOSED PAVEMENT CONSTRUCTION
- PROPOSED RECONSTRUCTED DRIVEWAY
- PAVEMENT RESTORATION
- DITCH RECONSTRUCTION
- STORM BASIN TYPE
- STORM BASIN NUMBER
- PROPOSED STORM INLET WITH EXFILTRATION BRANCH
- PROPOSED STORM MAINTENANCE ACCESS STRUCTURE
- FF= FINISH FLOOR ELEVATION
- EXISTING GRADE
- 11.00 PROPOSED GRADE
- PB TYPE "P" STRUCTURE (ROUND)
- PB TYPE "P" STRUCTURE (SQUARE)
- (R) RAISED INLET GRATE OR RIM (± 0.33 FEET ABOVE FLOW LINE)
- R/J / GRATE ELEVATION
- RIE= INVERT ELEVATION
- L.F. LINEAR FOOTAGE OF PIPE
- DRAINAGE FLOW
- PROPOSED DRAINAGE STRUCTURE
- PROPOSED DRAINAGE PIPE
- PROPOSED 8'x5' BOX CULVERT
- 8.50 GRADE (MELROSE S.W.) ELEVATION
- INDICATES DRIVEWAY CONSTRUCTED PER TYPE "A" DRIVEWAY DETAIL

NOTE:

1. NOT ALL EXISTING UTILITIES SHOWN ON PLAN. REFER TO EXISTING CONDITIONS PLANS FOR TYPE & LOCATION OF EXISTING UTILITIES.
2. ALL EXISTING CATCH BASINS & STORM DRAINS LOCATED WITHIN RIGHT-OF-WAY TO BE REMOVED UNLESS OTHERWISE SHOWN. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD PRIOR TO ANY REMOVAL OF ANY DRAINAGE STRUCTURES AND/ OR PIPING. BASINS & STORM DRAINS REMOVED SHALL BE RECYCLED FOR BROWARD COUNTY SPECIFICATIONS.
3. ALL INTERSECTIONS SHALL HAVE A PAVEMENT RADIUS OF 30 FEET UNLESS OTHERWISE SHOWN.
4. ALL EXISTING SIDEWALK SHOWN REMAIN WITHIN R/W, SHALL REMAIN UNLESS OTHERWISE SHOWN.
5. EXISTING FENCES, WALLS, ETC. LOCATED WITHIN RIGHT-OF-WAY SHALL BE RELOCATED TO OWNERS PROPERTY.
6. EXISTING CATCH BASINS LOCATED WITHIN RIGHT-OF-WAY MAY BE CONNECTED TO ADJACENT PROPERTY ROOF DRAINS, IF THIS SITUATION IS DISCOVERED DURING CONSTRUCTION THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD AND THE CONTRACTOR SHALL NOT REMOVE ANY PIPE OR CATCH BASINS UNLESS AUTHORIZED TO DO SO BY ENGINEER OF RECORD.
7. PROVIDE A 2 FOOT LEVELED STRIP OF SOD ALONG BACK OF PROP. LINE - SIDEWALK TO ELIMINATE EROSION.
8. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY RELOCATION/COORDINATION OF EXISTING UTILITIES (WATER, SEWER) AS REQUIRED TO FACILITATE PROPOSED INFRASTRUCTURE.

EXISTING LEGEND:

- SIAMESE CONNECTION
- FIRE HYDRANT ASSEMBLY
- WATER GATE VALVE
- WATER METER
- DOUBLE WATER METER
- POWER POLE
- POLE ANCHOR
- DRAINAGE INLET
- SANITARY SEWER MAINTENANCE ACCESS STRUCTURE
- ELECTRICAL BOX
- SOUTHERN BELL MAINTENANCE ACCESS STRUCTURE
- TRAFFIC SIGNAL BOX
- G.M. GAS VALVE
- AT&T MAINTENANCE ACCESS STRUCTURE
- TELEPHONE BOX
- MONITORING WELL
- FPL FLORIDA POWER & LIGHT
- (S.B.S.T.) SOUTHERN BELL TELEPHONE
- (B.S.S.T.) UNDERGROUND SOUTHERN BELL TELEPHONE
- SAN SANITARY SEWER
- GAS GAS MAIN
- STM STORM SEWER
- WM WATER MAIN
- FM FORCE MAIN
- TO BE REMOVED
- TO BE ABANDONED
- B-8 BLOCK NUMBER
- L-20 LOT NUMBER
- 4320 ADDRESS
- FF=11.11 FINISH FLOOR

I HEREBY CERTIFY THAT THESE "AS-BUILT" DRAWINGS WERE PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT THEY ARE BASED ON THE INFORMATION PROVIDED TO ME BY THE INDIVIDUAL(S) UNDER MY DIRECT SUPERVISION. I AM NOT RESPONSIBLE FOR ACCURACY OR COMPLETENESS AND ADEQUACY, AND ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE FIELD WORK FOR THE ASBUILT DRAWINGS HAS BEEN DONE BY: RAFAEL FILIPPELLI, INC. FLA. REG. NO. 4881

JAN 2 5 2006

Patrick J. Abbey
Florida P.E. No. 49425

DATE

BROWARD COUNTY ENG. DIV. REF. # 991025002

DRAINAGE INSTALLATION TO BE COORDINATED WITH THE PROPOSED WATER MAIN AND SANITARY SEWER INSTALLATION

SCALE: 1"=40'

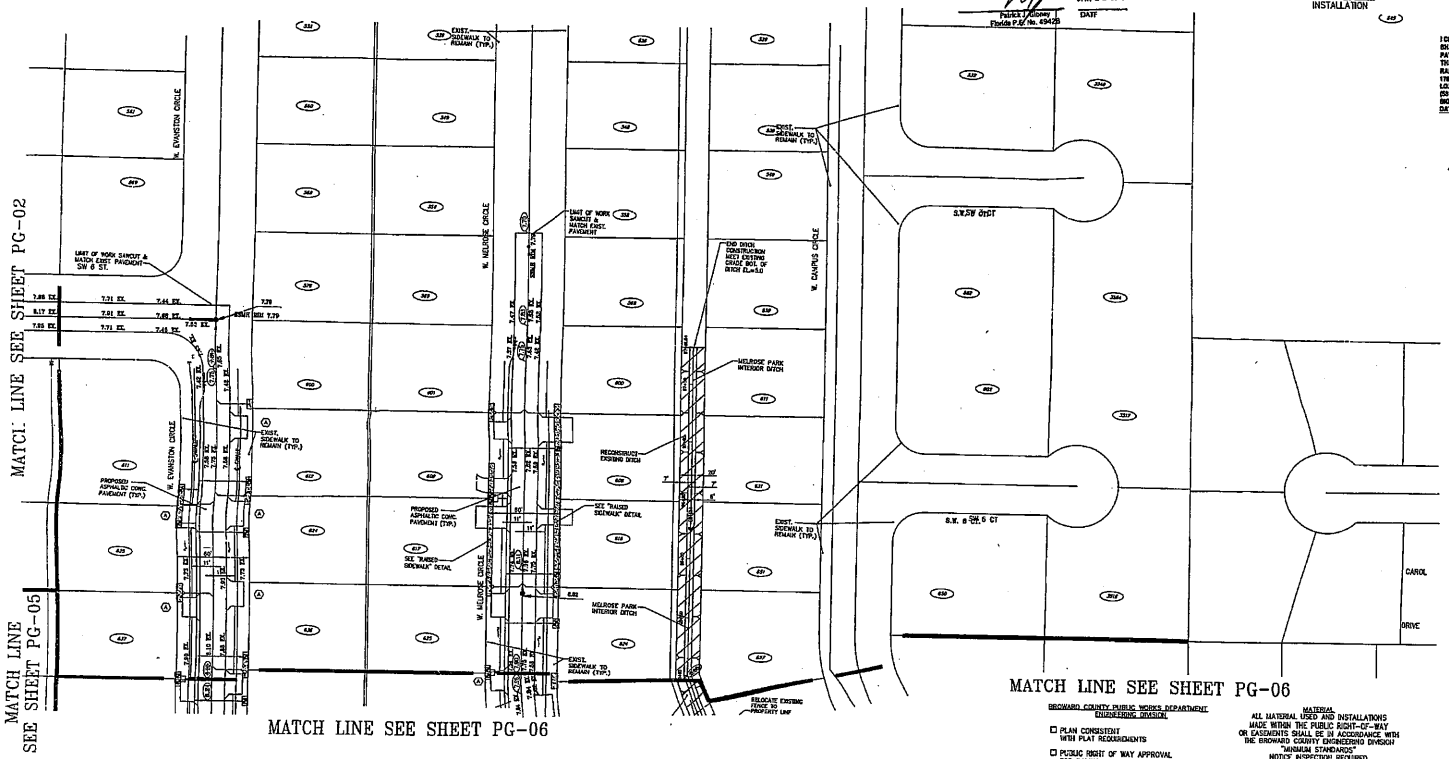
0 20 40 80

I CERTIFY THAT LOCATIONS, DIMENSIONS, AND ELEVATIONS SHOWN ON THESE DRAWINGS WITH RESPECT TO THE PAVING AND DRAINING FACILITIES ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
RAFAEL FILIPPELLI, INC. P.S.M. 4881
17801 ORANGE GROVE BLVD.
LOXAHATCHEE, FL 33470
(561)793-6750
SIGNATURE: Rafael Filippelli
DATE: 6/21/05

AS-BUILT LEGEND

EX. = EXISTING ROCK

KEY MAP
SCALE NONE



BROWARD COUNTY PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

☐ PLAN CONSISTENT WITH PLAT RECORDINGS

☐ PUBLIC RIGHT OF WAY APPROVAL FOR PAVING, GRADING AND DRAINAGE

BY: _____ DATE: _____

DOES NOT INCLUDE APPROVAL OF PAVEMENT MARKING & SIGNS

PERMIT SET
MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION

MATERIAL
ALL MATERIAL USED AND INSTALLATIONS MADE WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS SHALL BE IN ACCORDANCE WITH THE BROWARD COUNTY ENGINEERING DIVISION "MINIMUM STANDARDS"

NOTICE INSPECTION REQUIRED
24 HOURS PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RIGHT-OF-WAY, CONTACT THE BROWARD COUNTY ENGINEERING DIVISION AT (954) 357-6233 FOR INSPECTION

NOTE
APPROVAL OF THIS PLAN DOES NOT CONSTITUTE A PERMIT FOR CONSTRUCTION. A PERMIT FOR CONSTRUCTION MUST BE OBTAINED FROM THE BROWARD COUNTY ENGINEERING DIVISION PRIOR TO COMMENCING CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY.

BROWARD COUNTY
FLORIDA

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT
MELROSE PARK S.W.

Revision	Date
30% SUBMITTAL - MELROSE PARK S.W.	07 AUG 99
50% SUBMITTAL - MELROSE PARK S.W.	11 OCT 99
100% SUBMITTAL - MELROSE PARK S.W.	17 DEC 99
1 - MELROSE PARK	31 JULY 00

SEAL

CRAVEN • THOMPSON & ASSOCIATES, INC.

ENGINEERS • PLANNERS • SURVEYORS
3563 N.W. 53rd STREET
FORT LAUDERDALE, FLORIDA 33309
(954) 486-9600
FAX: (954) 238-6207

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PAVING, GRADING & DRAINAGE PLAN

Date 02AUGUST1999
Project No95-0085.02
In Charge R.D.COLE
Design By H.DEIBEL
Drawn By G.M.MOOTZ
Sheet No23 126 of

PG-03

PROPOSED LEGEND:

- PROPOSED SIDEWALK (SEE DETAIL FOR SPECIFICATIONS)
- PROPOSED PAVEMENT CONSTRUCTION
- PROPOSED RECONSTRUCTED DRIVEWAY
- PAVEMENT RESTORATION
- DITCH RECONSTRUCTION
- STORM BASIN TYPE
- STORM BASIN NUMBER
- PROPOSED STORM INLET WITH EXCEDRATION INDICH
- PROPOSED STORM MAINTENANCE ACCESS STRUCTURE
- FF=w FINISH FLOOR ELEVATION
- EXISTING GRADE
- 11.00 PROPOSED GRADE
- PD TYPE "P" STRUCTURE (ROUND)
- PB TYPE "B" STRUCTURE (SQUARE)
- (R) RAISED INLET GRATE ON BOX (+ 0.20 FEET ABOVE FLOW LINE)
- INV.E. INVT. / GRATE ELEV.BOTH.
- LE-W BOTTOM ELEVATION
- LF- LINEAR FOOTAGE OF PIPE
- DRAINAGE FLOW
- PROPOSED DRAINAGE STRUCTURE
- PROPOSED DRAINAGE PIPE
- PROPOSED 6'x3' BOX CULVERT
- 9.00 GRADE (MELROSE S.W.) ELEVATION
- A INDICATES DRIVEWAY CONSTRUCTED FOR TYPE "A" DRIVEWAY DETAIL

NOTE:

1. NOT ALL EXISTING UTILITIES SHOWN ON PLAN. REFER TO EXISTING CONDITIONS PLANS FOR TYPE & LOCATION OF EXISTING UTILITIES.
2. ALL EXISTING CATCH BASINS & STORM DRAINS LOCATED WITHIN RIGHT-OF-WAY TO BE REMOVED UNLESS OTHERWISE SHOWN. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD PRIOR TO ANY REMOVAL OF ANY DRAINAGE STRUCTURES. ANY OR PIPING, BASINS & STORM DRAINS REMOVED SHALL BE BACKFILLED PER BROWARD COUNTY SPECIFICATIONS.
3. ALL INTERSECTIONS SHALL HAVE A PAVEMENT RADIUS OF 30 FEET UNLESS OTHERWISE SHOWN.
4. ALL EXISTING SIDEWALK SHOWN HEREON WITHIN R/W SHALL REMAIN UNLESS OTHERWISE SHOWN.
5. EXISTING FENCES, WALLS, ETC. LOCATED WITHIN RIGHT-OF-WAY SHALL BE RELOCATED TO OWNERS PROPERTY.
6. EXISTING CATCH BASINS LOCATED WITHIN RIGHT-OF-WAY MAY BE CONNECTED TO ADJACENT PROPERTY ROOF DRAINS. IF THIS SITUATION IS DISCOVERED DURING CONSTRUCTION THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD AND THE CONTRACTOR SHALL NOT REMOVE ANY PIPE OR CATCH BASINS UNLESS AUTHORIZED TO DO SO BY THE ENGINEER OF RECORD.
7. PROVIDE A 2 FOOT LEVELED STRIP OF SOD ALONG BACK OF PROPOSED SIDEWALK TO ELIMINATE ERODION.
8. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY RELOCATION/COORDINATION OF EXISTING UTILITIES (WATER, SEWER) AS REQUIRED TO FACILITATE PROPOSED INFRASTRUCTURE.

EXISTING LEGEND:

- SIAMESE CONNECTION
- FIRE HYDRANT ASSEMBLY
- WATER GATE VALVE
- WATER METER
- DOUBLE WATER METER
- POWER POLE
- POLE ANCHOR
- DRAINAGE INLET
- SANITARY SEWER MAINTENANCE ACCESS STRUCTURE
- ELECTRICAL BOX
- SOUTHERN BELL MAINTENANCE ACCESS STRUCTURE
- TRAFFIC SIGNAL BOX
- G.M. GAS MAIN
- AT&T MAINTENANCE ACCESS STRUCTURE
- TELEVISION BOX
- MONITORING WELL
- FPL FLORIDA POWER & LIGHT
- (U.S.A.) OVERHEAD SOUTHERN BELL TELEPHONE
- (B.S.A.T.) UNDERGROUND SOUTHERN BELL TELEPHONE
- SAN SANITARY SEWER
- GAS GAS MAIN
- STM STORM SEWER
- WM WATER MAIN
- FM FORCE MAIN
- TO BE REMOVED
- TO BE ABANDONED
- B-S BLOCK NUMBER
- L-20 LOT NUMBER
- 4321 ADDRESS
- FF=XXXX FINISH FLOOR

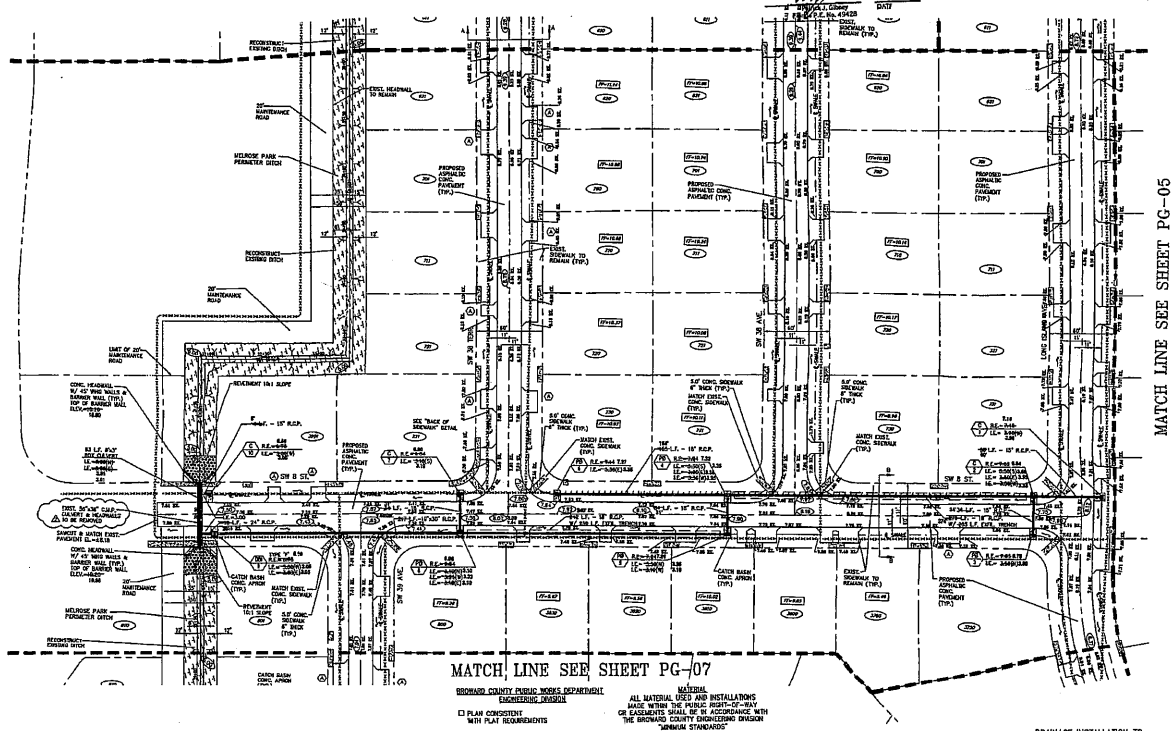
CAM # 26-0028

Page 129 of 198

CERTIFICATE:
I HEREBY CERTIFY THAT THESE RECORD DRAWINGS ON THIS FACILITY HAVE BEEN REVIEWED BY ME OR INDIVIDUAL(S) UNDER MY DIRECT SUPERVISION FOR COMPLETENESS AND ACCURACY, AND ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE FIELD WORK FOR THE FOREGOING DRAWINGS HAS BEEN DONE BY: RAFAEL FILIPPELLI 954-435-9901

BROWARD COUNTY ENG. DIV. REF. # 991025002

RAFAEL J. FILIPPELLI
P.S.M. No. 4962B
CAD/ SIDEWALK TO REMAIN (TYP.)
DATE JAN 2 5 2006



BROWARD COUNTY PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

☐ PLAN CONSISTENT WITH PLAT REQUIREMENTS

☐ PUBLIC RIGHT OF WAY APPROVAL FOR PAVING, GRADING AND DRAINAGE

BY: _____ DATE: _____

DOES NOT INCLUDE APPROVAL OF POTABLE WATER & SEWER

PERMIT SET
MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION

MATERIAL
ALL MATERIAL USED AND INSTALLATIONS MADE WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS SHALL BE IN ACCORDANCE WITH THE BROWARD COUNTY ENGINEERING DIVISION "MINIMUM STANDARDS"

NOTICE INSPECTION REQUIRED
24 HOURS PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RIGHT-OF-WAY, CONTACT THE BROWARD COUNTY ENGINEERING DIVISION AT (954) 357-6233 FOR INSPECTION

NOTE
APPROVAL OF THIS PLAN DOES NOT CONSTITUTE A PERMIT FOR CONSTRUCTION. A PERMIT FOR CONSTRUCTION MUST BE OBTAINED FROM THE BROWARD COUNTY ENGINEERING DIVISION PRIOR TO COMMENCING CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY.

DRAINAGE INSTALLATION TO BE COORDINATED WITH THE PROPOSED WATER MAIN AND SANITARY SEWER INSTALLATION

PROPOSED LEGEND:

- PROPOSED SIDEWALK (SEE DETAIL FOR SPECIFICATIONS)
- PROPOSED PAVEMENT CONSTRUCTION
- PROPOSED RECONSTRUCTED DRIVEWAY
- PAVEMENT RESTORATION
- DITCH RECONSTRUCTION
- STORM BASIN TYPE
- STORM BASIN MANHOLE
- PROPOSED GRATE INLET WITH CONTRAMARK TRENCH
- PROPOSED STORM MAINTENANCE ACCESS STRUCTURE
- FF= FINISH FLOOR ELEVATION
- EXISTING GRADE
- 11.00 PROPOSED GRADE
- P6 TYPE "P" STRUCTURE (BRANCH)
- P6 TYPE "P" STRUCTURE (SIDEWALK)
- (R) RAISED INLET GRATE OR INV. (± 0.25 FEET ABOVE FLOW LINE)
- R.E.= INVERT ELEVATION
- L.F.= LINEAR FOOTAGE OF PIPE
- DRAINAGE FLOW
- PROPOSED DRAINAGE STRUCTURE
- PROPOSED DRAINAGE PIPE
- PROPOSED 6'x5' BOX CULVERT
- GRADE (MELROSE S.W.) ELEVATION
- INDICATES INVENTORY CONSTRUCTED PER TYPE "P" SIDEWALK DETAIL

NOTE:

1. NOT ALL EXISTING UTILITIES SHOWN ON PLAN. REFER TO EXISTING CONDITIONS PLANS FOR TYPE & LOCATION OF EXISTING UTILITIES.
2. ALL EXISTING CATCH BASINS & BRIDGE DRAINS LOCATED WITHIN RIGHT-OF-WAY TO BE REMOVED UNLESS OTHERWISE SHOWN. THE CONTRACTOR SHALL NOTIFY THE ENGINEER 48 HOURS PRIOR TO REMOVAL OF ANY CATCH BASIN. ANY CATCH BASIN, BRIDGE DRAIN OR PIPE SHALL BE BACKFILLED PER BROWARD COUNTY SPECIFICATIONS.
3. ALL INTERSECTIONS SHALL HAVE A PAVEMENT BASIN OF 30 FEET UNLESS OTHERWISE SHOWN.
4. ALL EXISTING SIDEWALK SHOWN NEXTON NOTHW R/W SHALL REMAIN UNLESS OTHERWISE SHOWN.
5. EXISTING FENCES, WALLS, ETC. LOCATED WITHIN RIGHT-OF-WAY SHALL BE RELOCATED TO OWNERS PROPERTY.
6. EXISTING CATCH BASINS LOCATED WITHIN RIGHT-OF-WAY MAY BE CONNECTED TO ADJACENT PROPERTY BLDG DRAINS. IF THIS OPERATION IS DISCOVERED DURING CONSTRUCTION THE CONTRACTOR SHALL NOTIFY THE OWNER OF RECORD AND THE CONTRACTOR SHALL NOT REMOVE ANY PIPE OR CATCH BASINS UNLESS AUTHORIZED TO DO SO BY THE OWNERS OF RECORD.
7. PROVIDE A 2 FOOT LEVELED STRIP OF SOD ALONG BACK OF PROPOSED SIDEWALK TO ELIMINATE ERODING.
8. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY RELOCATION/CONTAMINATION OF CATCH BASINS (WATER, SEWER) AS REQUIRED TO FACILITATE PROPOSED INFRASTRUCTURE.

EXISTING LEGEND:

- SIAMESE CONNECTION
- FIRE HYDRANT ASSEMBLY
- WATER BASE VALVE
- WATER METER
- DOUBLE WATER METER
- POWER POLE
- POLE ANCHOR
- DRAINAGE INLET
- SANITARY SEWER MAINTENANCE ACCESS STRUCTURE
- ELECTRICAL BOX
- SOUTHERN BELL MAINTENANCE ACCESS STRUCTURE
- TRAFFIC SIGNAL BOX
- GAS MAIN
- ATMT MAINTENANCE ACCESS STRUCTURE
- TELEPHONE BOX
- MONITORING WELL
- FLORIDA POWER & LIGHT
- OVERHEAD SOUTHERN BELL TELEPHONE
- UNDERGROUND SOUTHERN BELL TELEPHONE
- SANITARY SEWER
- GAS MAIN
- SOLID SEWER
- WATER MAIN
- FORCE MAIN
- TO BE REMOVED
- TO BE ABANDONED
- BLOCK NUMBER
- LOT NUMBER
- ADDRESS
- FINISH FLOOR

SCALE: 1"=40'
0 20 40 80

I CERTIFY THAT LOCATIONS, DIMENSIONS, AND ELEVATIONS SHOWN ON THESE DRAWINGS WITH RESPECT TO THE PAVING AND DRAINAGE FACILITIES ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
RAFAEL FILIPPELLI, INC. P.S.M. 4962
17351 ORANGE GROVE BLVD.
LOXAHATCHEE, FL 33470
(561)798-4726
SIGNATURE: Rafael Filippelli
DATE: 4/24/03

AS-BUILT LEGEND

EX. = EXISTING ROCK

KEY MAP
SCALE: NONE

BROWARD COUNTY
BOARD OF COUNTY COMMISSIONERS

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT
MELROSE PARK S.W.

Revision	Date
90% SUBMITTAL - MELROSE PARK S.W.	02 JUN 19
BID SUBMITTAL - MELROSE PARK S.W.	11 OCT 03
PERMIT SUBMITTAL - MELROSE PARK S.W.	17 OCT 03
1 REVISE NOTES	11 JULY 05
2 REVISE COLUMN TITLE	11 OCT. 05

SEAL

RECEIVED
MAY 2 9 2003

CRAVEN • THOMPSON & ASSOCIATES, INC.

ENGINEERS • PLANNERS • SURVEYORS
3563 N.W. 53rd STREET
FORT LAUDERDALE, FLORIDA 33309
PHONE: (954) 739-6400
FAX: (954) 739-6498

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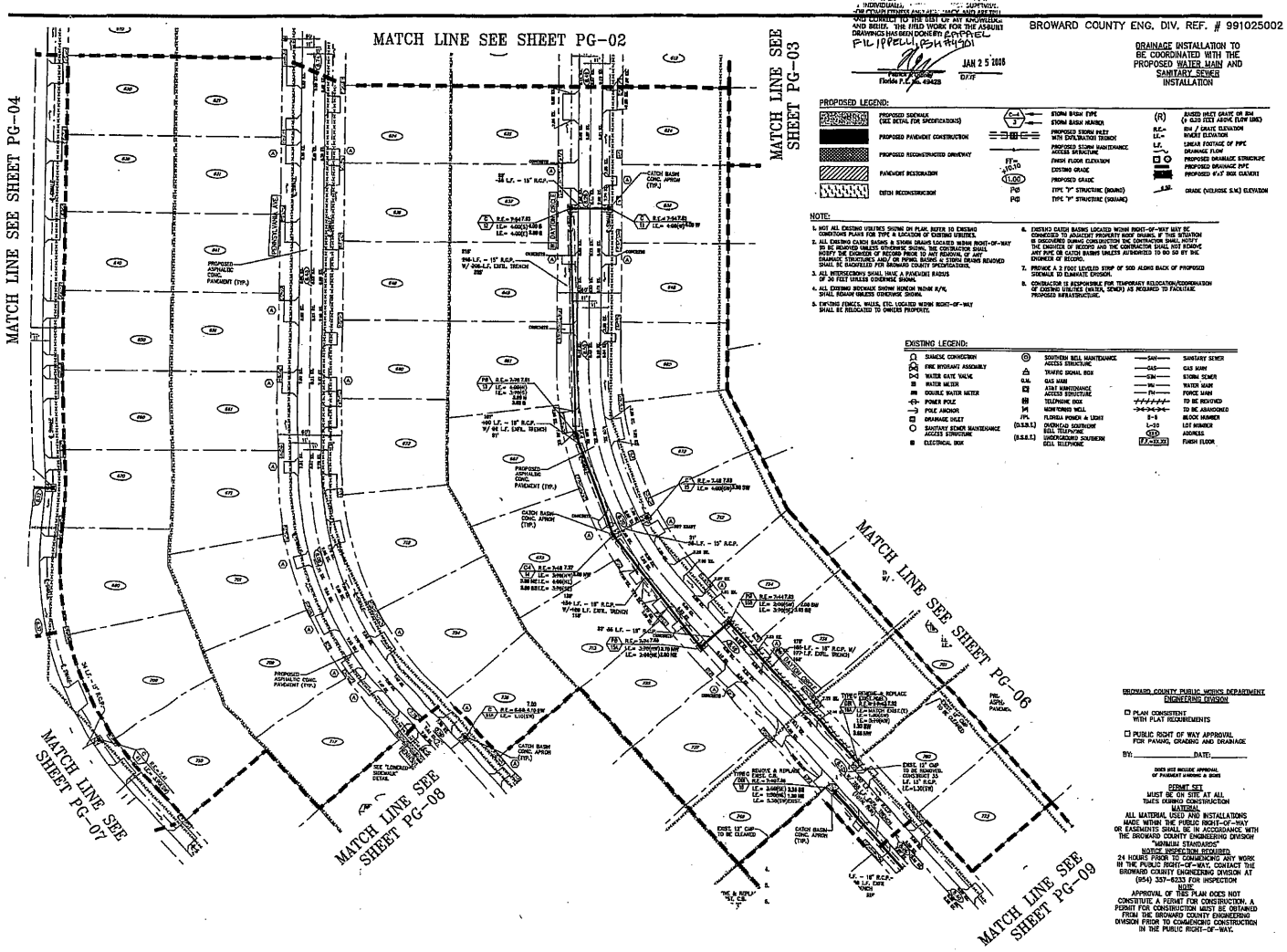
PAVING, GRADING & DRAINAGE PLAN

Date 02AUGUST1999
Project No95-0065.02
In Charge R.D.COLE
Design By H.DEBEL
Drawn By G.MIMOUTZ
Sheet No24 126 of

PG-04



AS-BUILT
I, INDIVIDUALLY AND AS A REPRESENTATIVE OF RAFAEL FILIPPELLI, INC., HAVE PERSONALLY REVIEWED THE AS-BUILT DRAWINGS AND CERTIFY THAT THE FIELD WORK FOR THE AS-BUILT DRAWINGS HAS BEEN DONE TO THE BEST OF MY KNOWLEDGE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
FILIPPELLI, PSM #4901
Rafael Filippelli
Florida P.L.S. No. 4942B
JAN 25 2005
DATE

BROWARD COUNTY ENG. DIV. REF. # 991025002

DRAINAGE INSTALLATION TO BE COORDINATED WITH THE PROPOSED WATER MAIN AND SANITARY SEWER INSTALLATION

SCALE: 1"=40'
0 20 40 80

I CERTIFY THAT LOCATIONS, DIMENSIONS, AND ELEVATIONS SHOWN ON THESE DRAWINGS WITH RESPECT TO THE PAVING AND DRAINAGE FACILITIES ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
RAFAEL FILIPPELLI, INC. P.L.S. 4901
11551 ORANGE GROVE BLVD.
LOXAHATCHEE, FL 33470
(561)798-6708
SIGNATURE: Rafael Filippelli
DATE: 4/25/03

PROPOSED LEGEND:
- PROPOSED SIDEWALK (SEE DETAIL FOR SPECIFICATIONS)
- PROPOSED PAVEMENT CONSTRUCTION
- PROPOSED RECONSTRUCTED DRIVEWAY
- PAVEMENT RESTORATION
- DITCH RECONSTRUCTION
- STORM BASIN TYPE
- STORM BASIN NUMBER
- PROPOSED STORM INLET WITH EXFILTRATION TRENCH
- PROPOSED STORM MAINTENANCE ACCESS STRUCTURE
- FINISH FLOOR ELEVATION
- EXISTING GRADE
- PROPOSED GRADE
- TYPE "P" STRUCTURE (SQUARE)
- TYPE "P" STRUCTURE (SQUARE)
- (R) BASED INLET GRATE OR INV (= 0.20 FEET ABOVE FLOW LINE)
- R.E.= RIM / GRATE ELEVATION
- I.E.= INVERT ELEVATION
- L.F. = LINEAR FOOTAGE OF PIPE
- DRAINAGE FLOW
- PROPOSED DRAINAGE STRUCTURE
- PROPOSED DRAINAGE PIPE
- PROPOSED 6'x3' BOX CULVERT
- GRADE (MELROSE S.W.) ELEVATION

NOTE:
1. NOT ALL EXISTING UTILITIES SHOWN ON PLAN. REFER TO EXISTING CONDITIONS PLANS FOR TYPE & LOCATION OF EXISTING UTILITIES.
2. ALL EXISTING CATCH BASINS & STORM DRAINS LOCATED WITHIN RIGHT-OF-WAY TO BE REMOVED UNLESS OTHERWISE SHOWN. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD PRIOR TO ANY REMOVAL OF ANY DRAINAGE STRUCTURES AND/OR PIPING. BASINS & STORM DRAINS REMOVED SHALL BE BACKFILLED PER BROWARD COUNTY SPECIFICATIONS.
3. ALL INTERSECTIONS SHALL HAVE A PAVEMENT RADIUS OF 30 FEET UNLESS OTHERWISE SHOWN.
4. ALL EXISTING SIDEWALK SHOWN HEREON WITHIN R/W, SHALL REMAIN UNLESS OTHERWISE SHOWN.
5. EXISTING FENCES, WALLS, ETC. LOCATED WITHIN RIGHT-OF-WAY SHALL BE RELOCATED TO OWNERS PROPERTY.
6. EXISTING CATCH BASINS LOCATED WITHIN RIGHT-OF-WAY MAY BE CONNECTED TO ADJACENT PROPERTY WATER DRAINS, IF THIS SITUATION IS DISCOVERED DURING CONSTRUCTION THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD AND THE CONTRACTOR SHALL NOT REMOVE ANY PIPE OR CATCH BASINS UNLESS AUTHORIZED TO DO SO BY THE ENGINEER OF RECORD.
7. PROVIDE A 2 FOOT LEVELED STRIP OF SOD ALONG BACK OF PROPOSED SIDEWALK TO ELIMINATE EROSION.
8. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY RELOCATION/CONNECTION OF EXISTING UTILITIES (WATER, SEWER) AS REQUIRED TO FACILITATE PROPOSED INFRASTRUCTURE.

EXISTING LEGEND:
- SIAMESE CONNECTION
- FIRE HYDRANT ASSEMBLY
- WATER GATE VALVE
- WATER METER
- DOUBLE WATER METER
- POWER POLE
- POLE ANCHOR
- DRAINAGE INLET
- SANITARY SEWER MAINTENANCE ACCESS STRUCTURE
- ELECTRICAL BOX
- SOUTHERN BELL MAINTENANCE ACCESS STRUCTURE
- TRAFFIC SIGNAL BOX
- G.M. GAS MAIN
- AT&T MAINTENANCE ACCESS STRUCTURE
- TELEPHONE BOX
- MONITORED WELL
- F.P.L. FLORIDA POWER & LIGHT
- (U.S.S.L.) CONTINUED SOUTHERN BELL TELEPHONE
- (U.S.S.L.) UNDERGROUND SOUTHERN BELL TELEPHONE
- —SAN— SANITARY SEWER
- —GAS— GAS MAIN
- —SM— STORM SEWER
- —WM— WATER MAIN
- —FM— FORCE MAIN
- TO BE REMOVED
- TO BE ABANDONED
- B-5 BLOCK NUMBER
- L-10 LOT NUMBER
- ADDRESS
- F.F.=XX.XX FINISH FLOOR

BROWARD COUNTY PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION
☐ PLAN CONSISTENT WITH PLAT REQUIREMENTS
☐ PUBLIC RIGHT OF WAY APPROVAL FOR PAVING, GRADING AND DRAINAGE
BY: _____ DATE: _____
DATES MUST INCLUDE APPROVAL OF PAVEMENT MARKING & SIGNS
PERMIT SET
MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION
MATERIAL
ALL MATERIAL USED AND INSTALLATIONS MADE WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS SHALL BE IN ACCORDANCE WITH THE BROWARD COUNTY ENGINEERING DIVISION "MINIMUM STANDARDS"
NOTICE INSPECTION REQUIRED
24 HOURS PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RIGHT-OF-WAY, CONTACT THE BROWARD COUNTY ENGINEERING DIVISION AT (954) 357-6233 FOR INSPECTION
NOTE
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AS-BUILT LEGEND
EX. = EXISTING ROCK

KEY MAP
SCHEME

BROWARD COUNTY
BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT
MELROSE PARK S.W.

Revision	Date
30% SUBMITTAL - MELROSE PARK S.W.	07 AUG 97
60% SUBMITTAL - MELROSE PARK S.W.	11 OCT 99
90% SUBMITTAL - MELROSE PARK S.W.	17 DEC 99
FINAL PLANS	31 JULY 00

SEAL
RECEIVED MAY 25 2003

CRAVEN • THOMPSON & ASSOCIATES, INC.
ENGINEERS • PLANNERS • SURVEYORS
3563 N.W. 53rd STREET
FORT LAUDERDALE, FLORIDA 33309
PHONE (954) 735-2400
FAX (954) 735-6200
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PAVING, GRADING & DRAINAGE PLAN

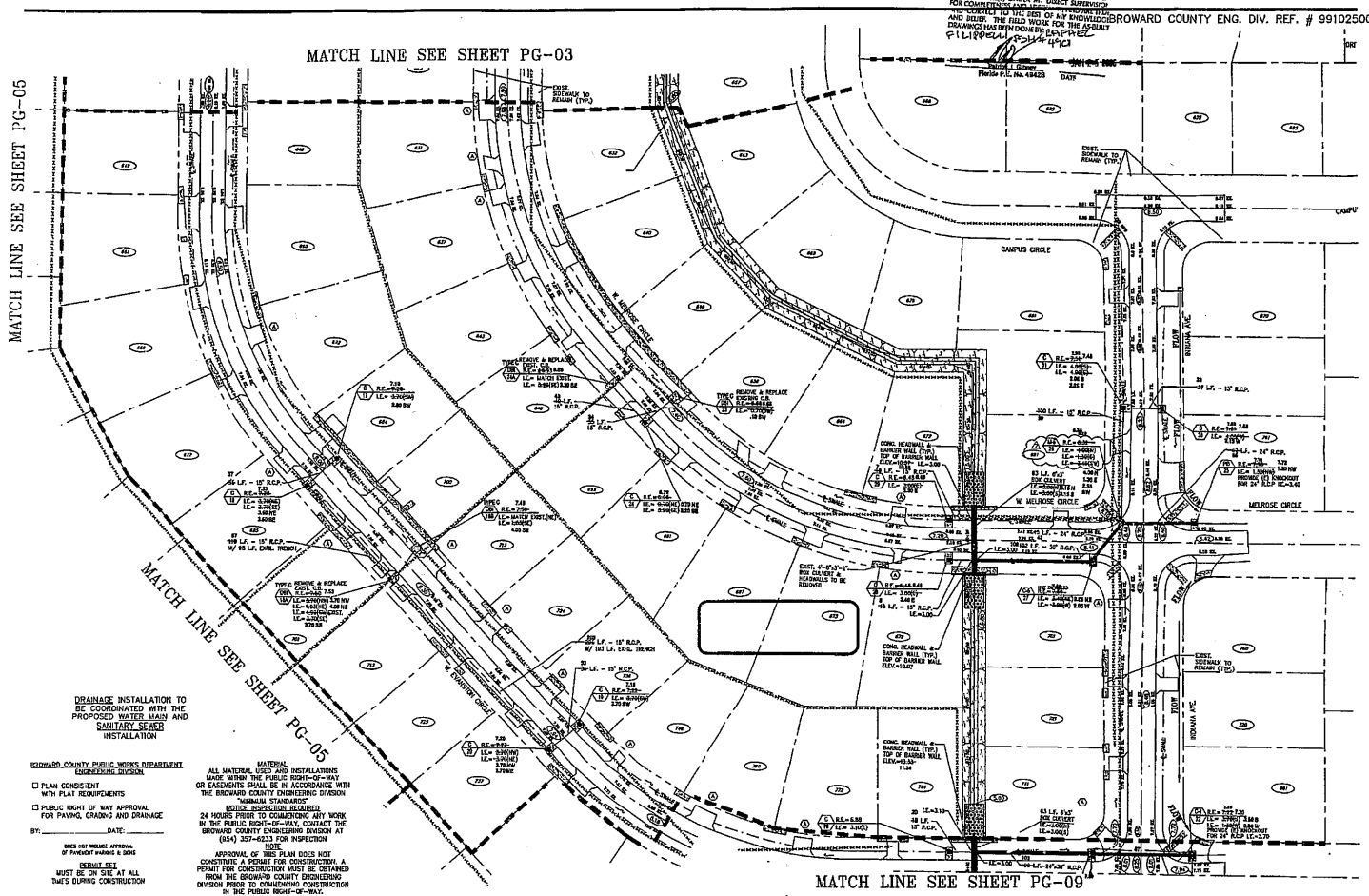
Date 02AUGUST1999
Project No65-0065.02
In Charge R.D.COLE
Design By M.DEIBEL
Drawn By G.M.MOOTZ
Sheet No25 126 of
PG-05

CERTIFICATE:

I HEREBY CERTIFY THAT THESE RECORD DRAWINGS TO THE FACILITY HAVE BEEN REVIEWED BY ME O Y INDIVIDUALLY UNDER MY DIRECT SUPERVISIO FOR COMPLETENESS AND ACCURACY AND TO THE BEST OF MY INFORMATION AND BELIEF, THE FIELD WORK FOR THE AS-BUILT DRAWINGS HAS BEEN DONE BY: RAFAEL FILIPPELLI

BROWARD COUNTY ENG. DIV. REF. # 991025002

Rafael J. Filippelli
Florida P.E. No. 49428 DATE



DRAINAGE INSTALLATION TO BE COORDINATED WITH THE PROPOSED WATER MAIN AND SANITARY SEWER INSTALLATION

BROWARD COUNTY PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

☐ PLAN CONSISTENT WITH PLAT REQUIREMENTS

☐ PUBLIC RIGHT OF WAY APPROVAL FOR PAVING, GRADING AND DRAINAGE

BY: _____ DATE: _____

DOES NOT INCLUDE APPROVAL OF PAVEMENT MARKING & SIGNS

PERMIT SET
MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION

MATERIAL
ALL MATERIAL USED AND INSTALLATIONS MADE WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS SHALL BE IN ACCORDANCE WITH THE BROWARD COUNTY ENGINEERING DIVISION "MINIMUM STANDARDS"

NOTICE INSPECTION REQUIRED
24 HOURS PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RIGHT-OF-WAY, CONTACT THE BROWARD COUNTY ENGINEERING DIVISION AT (954) 357-6233 FOR INSPECTION

NOTE
APPROVAL OF THIS PLAN DOES NOT CONSTITUTE A PERMIT FOR CONSTRUCTION. A PERMIT FOR CONSTRUCTION MUST BE OBTAINED FROM THE BROWARD COUNTY ENGINEERING DIVISION PRIOR TO COMMENCING CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY.

PROPOSED LEGEND:

- PROPOSED SIDEWALK (SEE DETAIL FOR SPECIFICATIONS)
- PROPOSED PAVEMENT CONSTRUCTION
- PROPOSED RECONSTRUCTED DRIVEWAY
- PAVEMENT RESTORATION
- DITCH RECONSTRUCTION
- STORM BASIN TYPE
- STORM BASIN NUMBER
- PROPOSED STORM INLET
- TRENCH EXFILTRATION TRENCH
- PROPOSED STORM MAINTENANCE ACCESS STRUCTURE
- FF= FINISH FLOOR ELEVATION
- 11.00 EXISTING GRADE
- 10.00 PROPOSED GRADE
- P2 TYPE "P" STRUCTURE (ROUND)
- P3 TYPE "P" STRUCTURE (SQUARE)
- (R) RAISED INLET GRATE OR BIM (± 0.30 FEET ABOVE FLOW LINE)
- R.E.= RIM / GRATE ELEVATION
- I.E.= INVERT ELEVATION
- L.F. LINEAR FOOTAGE OF PIPE
- DRAINAGE FLOW
- PROPOSED DRAINAGE STRUCTURE
- PROPOSED DRAINAGE PIPE
- PROPOSED 6'x3' BOX CULVERT
- 9.50 GRADE (INCIDENTAL SAG) ELEVATION
- INDICATES DRIVEWAY CONSTRUCTED PER TYPE "A" DRIVEWAY DETAIL

NOTE:

1. NOT ALL EXISTING UTILITIES SHOWN ON PLAN. REFER TO EXISTING CONDITIONS PLANS FOR TYPE & LOCATION OF EXISTING UTILITIES.
2. ALL EXISTING CATCH BASINS & STORM DRAINS LOCATED WITHIN RIGHT-OF-WAY TO BE REMOVED UNLESS OTHERWISE SHOWN. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD PRIOR TO ANY REMOVAL OF ANY STRUCTURE OR PIPE. ALL ANY REMOVED CATCH BASINS & DRAINS REMOVED SHALL BE BACKFILLED PER BROWARD COUNTY SPECIFICATIONS.
3. ALL INTERSECTIONS SHALL HAVE A PAVEMENT RADIUS OF 20 FEET UNLESS OTHERWISE SIGNAL.
4. ALL EXISTING SIDEWALK SHOWN HEREON WITHIN R/W, SHALL REMAIN UNLESS OTHERWISE SIGNAL.
5. EXISTING FENCES, WALLS, ETC. LOCATED WITHIN RIGHT-OF-WAY SHALL BE RELOCATED TO OWNERS PROPERTY.
6. EXISTING CATCH BASINS LOCATED WITHIN RIGHT-OF-WAY MAY BE CONNECTED TO ADJACENT PROPERTY ROOF DRAINS, IF THIS SITUATION IS DISCOVERED DURING CONSTRUCTION THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD AND THE CONTRACTOR SHALL NOT REMOVE ANY PIPE OR CATCH BASINS UNLESS AUTHORIZED TO DO SO BY THE ENGINEER OF RECORD.
7. PROVIDE A 2 FOOT LEVELED STRIP OF SOD ALONG BACK OF PROPOSED SIDEWALK TO ELIMINATE EROSION.
8. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY RELOCATION/COORDINATION OF EXISTING UTILITIES (WATER, SEWER) AS REQUIRED TO FACILITATE PROPOSED INFRASTRUCTURE.

EXISTING LEGEND:

- DANIESE CONNECTION
- FIRE HYDRANT ASSEMBLY
- WATER GATE VALVE
- WATER METER
- DOUBLE WATER METER
- POWER POLE
- POLE ANCHOR
- DRAINAGE INLET
- SANITARY SEWER MAINTENANCE ACCESS STRUCTURE
- ELECTRICAL BOX
- SOUTHERN BELL MAINTENANCE JACKSER STRUCTURE
- TRAFFIC SIGNAL BOX
- GAS MAIN
- ASBT MAINTENANCE ACCESS STRUCTURE
- TELEPHONE BOX
- MONITORING WELL
- FPL FLORIDA POWER & LIGHT
- (U.S.B.T.) UNDERGROUND SOUTHERN BELL TELEPHONE
- (S.S.B.T.) UNDERGROUND SOUTHERN BELL TELEPHONE
- SAN — SANITARY SEWER
- GAS — GAS MAIN
- STM — STORM SEWER
- WM — WATER MAIN
- FM — FORCE MAIN
- TO BE REMOVED
- TO BE ABANDONED
- B-8 BLOCK NUMBER
- L-20 LOT NUMBER
- 000 ADDRESS
- FF=00.00 FINISH FLOOR

SCALE: 1"=40'
0 20 40 80

I CERTIFY THAT LOCATIONS, DIMENSIONS, AND ELEVATIONS SHOWN ON THESE DRAWINGS WITH RESPECT TO THE PAVING AND DRAINAGE FACILITIES ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
RAFAEL FILIPPELLI, INC. P.E.No. 4981
17931 ORANGE GROVE BLVD.
LOXAHATCHEE, FL 33470
(561)793-4736
SIGNATURE: Rafael Filippelli
DATE: 9/9/03

AS-BUILT LEGEND

EX. = EXISTING ROCK

KEY MAP
SCALE:NONE

BROWARD COUNTY
FLORIDA

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT
MELROSE PARK S.W.

Revision	Date
90% SUBMITTAL - MELROSE PARK S.W.	17 AUG 99
90% SUBMITTAL - MELROSE PARK S.W.	17 OCT 99
100% SUBMITTAL - MELROSE PARK S.W.	17 DEC 99
1 REVISE PAVING	31 JULY 00
2 REVISE STRUCTURE CALCS.//	31 JULY 00

SEAL

RECEIVED MAY 29 2003

CRAVEN • THOMPSON & ASSOCIATES, INC.

ENGINEERS • PLANNERS • SURVEYORS
3563 NW 53rd STREET
FORT LAUDERDALE, FLORIDA 33309
PHONE (954) 739-6400
FAX (954) 739-6409

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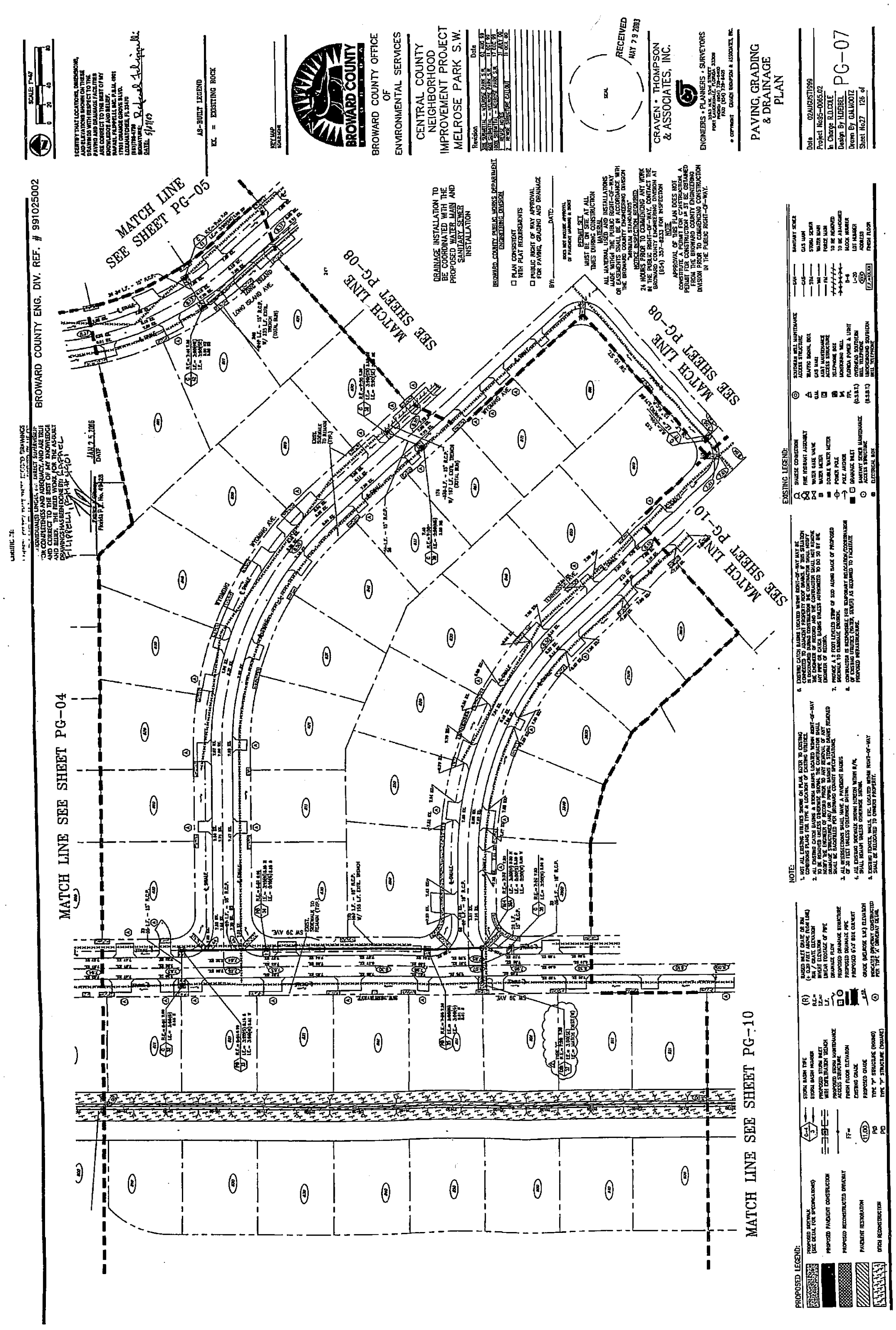
PAVING, GRADING & DRAINAGE PLAN

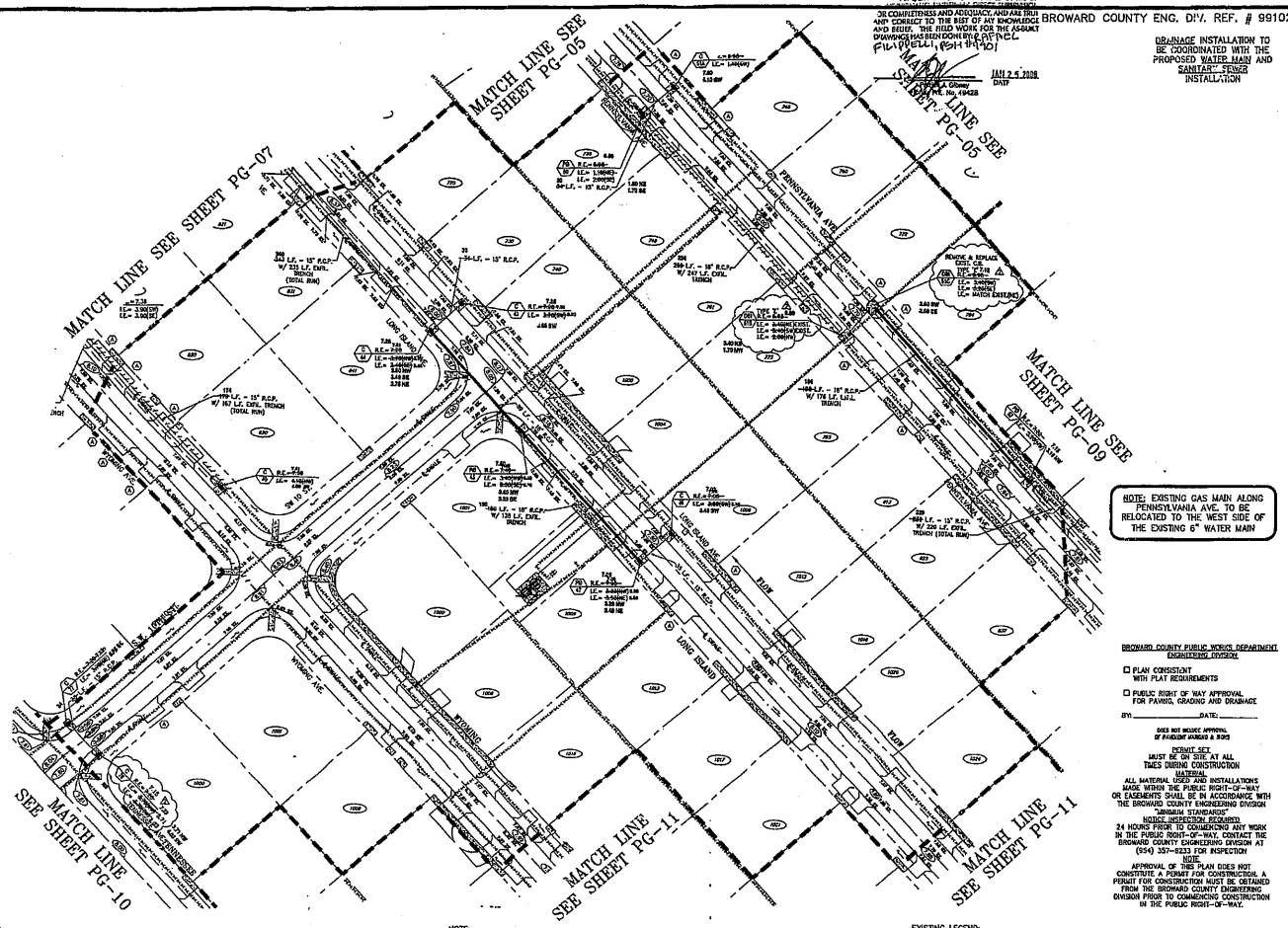
Date 02AUGUST1999
Project No.95-0065.02
In Charge R.D.COLE
Design By H.DIGEL
Drawn By G.M.MOOTZ
Sheet No.26 126 of

PG-06


MATCH LINE SEE SHEET PG-04
MATCH LINE SEE SHEET PG-10
MATCH LINE SEE SHEET PG-05
SEE SHEET PG-08 MATCH LINE
MATCH LINE SEE SHEET PG-08
MATCH LINE SEE SHEET PG-10
BROWARD COUNTY ENG. DIV. REF. # 991025002
AS-BUILT LEGEND
EX. = EXISTING ROCK
BROWARD COUNTY
BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES
CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT MELROSE PARK S.W.
DRAINAGE INSTALLATION TO BE COORDINATED WITH THE PROPOSED WATER MAIN AND SANITARY SEWER INSTALLATION
RECEIVED MAY 29 2003
CRAVEN • THOMPSON & ASSOCIATES, INC.
ENGINEERS • PLANNERS • SURVEYORS
PAVING, GRADING & DRAINAGE PLAN
PG-07
EXISTING LEGEND:
PROPOSED LEGEND:
NOTE:

BROWARD COUNTY ENG. DIV. REF. # 991025002

DRAINAGE INSTALLATION TO BE COORDINATED WITH THE PROPOSED WATER MAIN AND SANITARY SEWER INSTALLATION



BROWARD COUNTY PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

☐ PLAN CONSISTENT WITH PLAT REQUIREMENTS

☐ PUBLIC RIGHT OF WAY APPROVAL FOR PAVING, GRADING AND DRAINAGE

BY _____ DATE: _____

DOES NOT INDICATE APPROVAL OF FAILURE TO COMPLY WITH ANY COUNTY ORDINANCES OR STATE OR FEDERAL LAWS

PERMIT SET
MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION

MATERIAL
ALL MATERIAL USED AND INSTALLATIONS MADE WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS SHALL BE IN ACCORDANCE WITH THE BROWARD COUNTY ENGINEERING DIVISION "MINIMUM STANDARDS"

NOTICE, INSPECTION REQUIRED
24 HOURS PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RIGHT-OF-WAY, CONTACT THE BROWARD COUNTY ENGINEERING DIVISION AT (954) 357-8233 FOR INSPECTION

NOTE:
APPROVAL OF THIS PLAN DOES NOT CONSTITUTE A PERMIT FOR CONSTRUCTION. A PERMIT FOR CONSTRUCTION MUST BE OBTAINED FROM THE BROWARD COUNTY ENGINEERING DIVISION PRIOR TO COMMENCING CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY.

PROPOSED LEGEND:

- PROPOSED SIDEWALK (SEE DETAIL FOR SPECIFICATIONS)
- PROPOSED PAVEMENT CONSTRUCTION
- PROPOSED RECONSTRUCTED DRIVEWAY
- PAVEMENT RESTORATION
- DITCH RECONSTRUCTION
- C-4 / 7 — STORM DRAIN TYPE
- STORM DRAIN HEADER
- PROPOSED STORM INLET
- NEW EXFILTRATION TRENCH
- PROPOSED STORM MAINTENANCE ACCESS STRUCTURE
- FF= FINISH FLOOR ELEVATION
- EXISTING GRADE
- (11.00) PROPOSED GRADE
- P8 TYPE "P" STRUCTURE (ROUND)
- P8 TYPE "P" STRUCTURE (SQUARE)
- (R) RAISED INLET GRATE OR RIM (+ 0.20 FEET ABOVE FLOW LINE)
- R.E.= RIM / GRATE ELEVATION
- I.E.= INVERT ELEVATION
- L.F.= LINEAR FOOTAGE OF PIPE
- DRAINAGE FLOW
- PROPOSED DRAINAGE STRUCTURE
- PROPOSED DRAINAGE PIPE
- PROPOSED 2'-0" BOX GUTTER
- 5.50 GRADE (BELOWSE S.W.) ELEVATION
- (A) INDICATED DRIVEWAY CONSTRUCTED PER TYPE 'A' DRIVEWAY DETAIL

NOTE:

1. NOT ALL EXISTING UTILITIES SHOWN ON PLAN. REFER TO EXISTING CONDITIONS PLANS FOR TYPE & LOCATION OF EXISTING UTILITIES.
2. ALL EXISTING CATCH BASINS & STORM DRAINS LOCATED WITHIN RIGHT-OF-WAY TO BE REMOVED UNLESS OTHERWISE SHOWN. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD PRIOR TO ANY REMOVAL OF ANY DRAINAGE STRUCTURES. ANY OR PIPES, BASINS & STORM DRAINS REMOVED SHALL BE BACKFILLED PER BROWARD COUNTY SPECIFICATIONS.
3. ALL INTERSECTIONS SHALL HAVE A PAVEMENT RADIUS OF 30 FEET UNLESS OTHERWISE SHOWN.
4. ALL EXISTING SIDEWALK SHOWN HEREON WITHIN R/W, SHALL REMAIN UNLESS OTHERWISE SHOWN.
5. EXISTING FENCES, WALLS, ETC. LOCATED WITHIN RIGHT-OF-WAY SHALL BE RELOCATED TO OWNERS PROPERTY.
6. EXISTING CATCH BASINS LOCATED WITHIN RIGHT-OF-WAY MAY BE CONNECTED TO ADJACENT PROPERTY ROOF DRAINS. IF THIS SITUATION IS DISCOVERED DURING CONSTRUCTION THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD AND THE CONTRACTOR SHALL NOT REMOVE ANY PIPE OR CATCH BASINS UNLESS AUTHORIZED TO DO SO BY THE ENGINEER OF RECORD.
7. PROVIDE A 2 FOOT LEVELED STRIP OF SOD ALONG BACK OF PROPOSED SIDEWALK TO ELIMINATE EROSION.
8. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY RELOCATION/COORDINATION OF EXISTING UTILITIES (WATER, SEWER) AS REQUIRED TO FACILITATE PROPOSED INFRASTRUCTURE.

EXISTING LEGEND:

- SIAMESE CONNECTION
- FIRE HYDRANT ASSEMBLY
- WATER GATE VALVE
- WATER METER
- DOUBLE WATER METER
- POWER POLE
- POLE ANCHOR
- DRAINAGE INLET
- SANITARY SEWER MAINTENANCE ACCESS STRUCTURE
- ELECTRICAL BOX
- SOUTHERN BELL MAINTENANCE ACCESS STRUCTURE
- TRAFFIC SIGNAL BOX
- GAS MAIN
- AT&T MAINTENANCE ACCESS STRUCTURE
- TELEPHONE BOX
- MONITORING WELL
- FPL FLORIDA POWER & LIGHT
- (U.G.S.B.L.) OVERHEAD SOUTHERN BELL TELEPHONE
- (U.G.S.B.L.) UNDERGROUND SOUTHERN BELL TELEPHONE
- SAN — SANITARY SEWER
- GAS — GAS MAIN
- STM — STORM SEWER
- WM — WATER MAIN
- FM — FORCE MAIN
- TO BE REMOVED
- TO BE ABANDONED
- B-8 BLOCK MARKER
- L-30 LOT MARKER
- 1520 ADDRESS
- F.F.=20.15 FINISH FLOOR

SCALE 1"=40'
0 20 40 80

I CERTIFY THAT LOCATIONS, DIMENSIONS, AND ELEVATIONS SHOWN ON THESE DRAWINGS WITH RESPECT TO THE PAVING AND DRAINAGE FACILITIES ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
RAFAEL FILIPPELLI INC. P.S.M. 4801
17801 ORANGE GROVE BLVD.
LOXAHATCHEE, FL 33470
(561)798-4728
SIGNATURE: Rafael Filippelli
DATE: 6/27/03

AS-BUILT LEGEND

EX. = EXISITING ROCK

KEY MAP
SCALE NONE

BROWARD COUNTY FLORIDA

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT
MELROSE PARK S.W.

Revision	Date
30% SUBMITTAL - MELROSE PARK S.W.	02 AUG 99
60% SUBMITTAL - MELROSE PARK S.W.	11 OCT 99
100% SUBMITTAL - MELROSE PARK S.W.	17 DEC 99
1 BLOCK SIDEWALK	21 JAN 03
2 REVISE STRUCTURE CALLOUTS	21 OCT. 02

SEAL

RECEIVED JULY 29 2003

CRAVEN • THOMPSON & ASSOCIATES, INC.

ENGINEERS • PLANNERS • SURVEYORS
3563 N.W. 53rd STREET
FORT LAUDERDALE, FLORIDA 33309
PHONE (954) 739-6400
FAX (954) 739-6409

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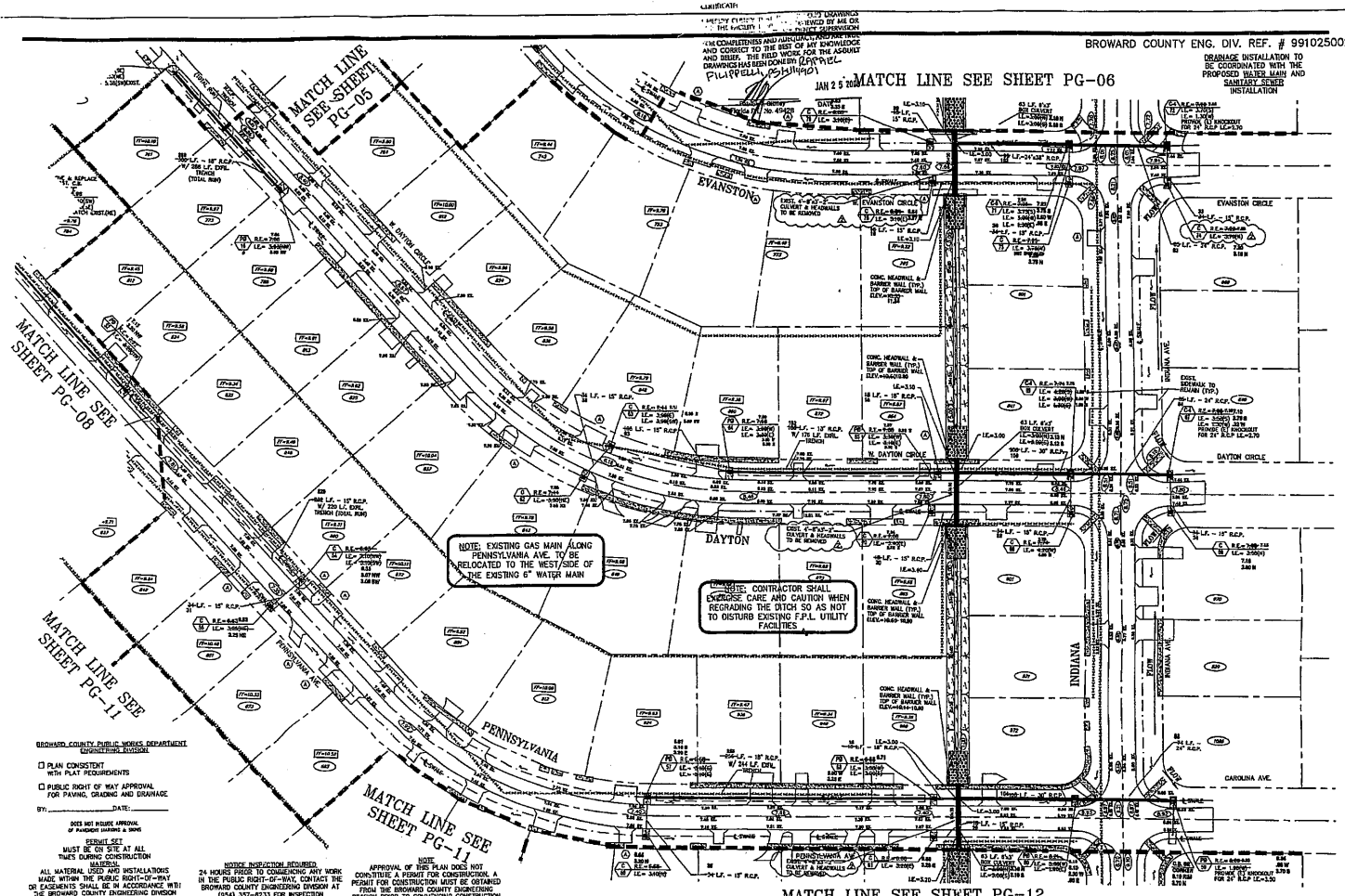
PAVING, GRADING & DRAINAGE PLAN

Date 02AUGUST1999
Project No65-0065.02
In Charge R.D.COLE
Design By H.DOBEL
Drawn By G.M.MOITZ
Sheet No28 126 of

PG-08



I CERTIFY THAT LOCATIONS, DIMENSIONS, AND ELEVATIONS SHOWN ON THESE DRAWINGS WITH RESPECT TO THE PAVING AND DRAINAGE FACILITIES ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
RAFAEL FILIPPELLI, INC. P.S.M. 4901
17801 ORANGE GROVE BLVD.
LOXAHATCHEE, FL 33470
(561)793-1720
SIGNATURE: Rafael Filippelli
DATE: 5/29/03

AS-BUILT LEGEND

EL. = EXISTING ROCK
7.00 EX. = HIGH ELEVATION

KEY MAP
SCALE: NONE

BROWARD COUNTY
BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT
MELROSE PARK S.W.

Revision	Date
90% SUBMITTAL – MELROSE PARK S.W.	03 AUG 99
60% SUBMITTAL – MELROSE PARK S.W.	01 OCT 99
100% SUBMITTAL – MELROSE PARK S.W.	17 DEC 99
REVISE NOTES	21 JULY 00
REVISE STRUCTURE CALOUN'S & NOTES	01 OCT 00

SEAL

RECEIVED
MAY 29 2003

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ENGINEERS • PLANNERS • SURVEYORS
3563 N.W. 53rd STREET
FORT LAUDERDALE, FLORIDA 33309
PHONE: (954) 739-6400
FAX: (954) 739-6409
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PAVING, GRADING & DRAINAGE PLAN

Date 02AUGUST1999
Project No65-0005.02
In Charge R.D.COLE
Design By H.DEBEL
Drawn By G.M.MOOTZ
Sheet No29 126 of

PG-09

BROWARD COUNTY PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

☐ PLAN CONSISTENT WITH PLAT REQUIREMENTS

☐ PUBLIC RIGHT OF WAY APPROVAL FOR PAVING, GRADING AND DRAINAGE

BY: _____ DATE: _____

DOES NOT INCLUDE APPROVAL OF PAVEMENT MARKING & SIGNS

PERMIT SET
MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION MATERIAL
ALL MATERIAL USED AND INSTALLATIONS MADE WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS SHALL BE IN ACCORDANCE WITH THE BROWARD COUNTY ENGINEERING DIVISION "MINIMUM STANDARDS"

NOTICE INSPECTION REQUIRED
24 HOURS PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RIGHT-OF-WAY, CONTACT THE BROWARD COUNTY ENGINEERING DIVISION AT (954) 357-8233 FOR INSPECTION

NOTE
APPROVAL OF THIS PLAN DOES NOT CONSTITUTE A PERMIT FOR CONSTRUCTION. A PERMIT FOR CONSTRUCTION MUST BE OBTAINED FROM THE BROWARD COUNTY ENGINEERING DIVISION PRIOR TO COMMENCING CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY.

PROPOSED LEGEND:

- PROPOSED SIDEWALK (SEE DETAIL FOR SPECIFICATIONS)
- PROPOSED PAVEMENT CONSTRUCTION
- PROPOSED RECONSTRUCTED DRIVEWAY
- PAVEMENT RESTORATION
- SWALE RECONSTRUCTION
- STORM BASIN TYPE
- STORM BASIN NUMBER
- PROPOSED STORM INLET WITH CALCULATION BASIN
- PROPOSED STORM MAINTENANCE ACCESS STRUCTURE
- FF= FINISH FLOOR ELEVATION
- EXISTING GRADE
- (11.00) PROPOSED GRADE
- Pp9 TYPE "P" STRUCTURE (ROUND)
- P(8) TYPE "P" STRUCTURE (SQUARE)
- (R) RAISED INLET GRATE OR BM (± 0.10 FEET ABOVE FLOW LINE)
- R.E.= RIM / GRATE ELEVATION
- I.E.= INVERT ELEVATION
- L.F. LINEAR FOOTAGE OF PIPE
- DRAINAGE FLOW
- PROPOSED DRAINAGE STRUCTURE
- PROPOSED DRAINAGE PIPE
- PROPOSED 6'x5' BOX CULVERT
- GRADE (MELROSE S.W.) ELEVATION
- (6) INDICATES DRIVEWAY CONSTRUCTED PER TYPE "A" DRIVEWAY CULVERT

NOTE:

1. NOT ALL EXISTING UTILITIES SHOWN OR PLACE REFER TO EXISTING CONDITIONS PLANS FOR TYPE & LOCATION OF EXISTING UTILITIES.
2. ALL EXISTING CATCH BASINS & STORM DRAINS LOCATED WITHIN RIGHT-OF-WAY TO BE REMOVED UNLESS OTHERWISE SHOWN. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD PRIOR TO ANY REMOVAL OF ANY DRAINAGE STRUCTURES AND/ OR PIPING. BASINS & STORM DRAINS REMOVED SHALL BE BACKFILLED PER BROWARD COUNTY SPECIFICATIONS.
3. ALL INTERSECTIONS SHALL HAVE A PAVEMENT BASINS OF 20 FEET UNLESS OTHERWISE SHOWN.
4. ALL EXISTING SIDEWALK SHOWN HEREON WITHIN R/W, SHALL REMAIN UNLESS OTHERWISE SHOWN.
5. EXISTING FENCES, WALLS, ETC. LOCATED WITHIN RIGHT-OF-WAY SHALL BE RELOCATED TO OWNERS PROPERTY.
6. EXISTING CATCH BASINS LOCATED WITHIN RIGHT-OF-WAY MAY BE CONNECTED TO ADJACENT PROPERTY ROOF DRAINS. IF THIS SITUATION IS DISCOVERED DURING CONSTRUCTION THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD AND THE CONTRACTOR SHALL NOT REMOVE ANY PIPE OR CATCH BASINS UNLESS AUTHORIZED TO DO SO BY THE ENGINEER OF RECORD.
7. PROVIDE A 2 FOOT LEVELED SUMP OF 500 ACRE BACK OF PROPOSED SIDEWALK TO ELIMINATE EROSION.
8. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY RELOCATION/COORDINATION OF EXISTING UTILITIES (WATER, SEWER) AS REQUIRED TO FACILITATE PROPOSED INFRASTRUCTURE.

EXISTING LEGEND:

- SIAMESE CONNECTION
- FIRE HYDRANT ASSEMBLY
- WATER GATE VALVE
- WATER METER
- DOUBLE WATER METER
- POWER POLE
- POLE ANCHOR
- DRAINAGE INLET
- SANITARY SEWER MAINTENANCE ACCESS STRUCTURE
- ELECTRICAL BOX
- SOUTHERN BELL MAINTENANCE ACCESS STRUCTURE
- TRAFFIC SIGNAL BOX
- GAS MAIN
- AT&T MAINTENANCE ACCESS STRUCTURE
- TELEPHONE BOX
- MONITORING WELL
- FPL FLORIDA POWER & LIGHT
- (U.S.S.L.) OVERHEAD SOUTHERN BELL TELEPHONE
- UNDERGROUND SOUTHERN BELL TELEPHONE
- SAN SANITARY SEWER
- GAS GAS MAIN
- STD STORM SEWER
- WM WATER MAIN
- FM FORCE MAIN
- TO BE REMOVED
- TO BE ABANDONED
- B-5 BLOCK NUMBER
- L-20 LOT NUMBER
- 000 ADDRESS
- FF=XX.XX FINISH FLOOR

CERTIFICATE:

I HEREBY CERTIFY THAT THESE RECORD DRAWINGS FOR THE FACILITY HAVE BEEN REVIEWED BY ME TO BE CORRECT AND ACCURATE FOR COMPLETENESS AND ADEQUACY, AND ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE FIELD WORK FOR THE ASBUILT DRAWINGS HAS BEEN DONE BY: RAFAEL FILIPPELLI, PSM#4901

Patrick Gilvey
Florida P.E. No. 45428

JAN 25 2006
DATE

BROWARD COUNTY ENG. DIV. REF. # 991025002

BROWARD COUNTY PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

☐ PLAN CONSISTENT WITH PLAT REQUIREMENTS

☐ PUBLIC RIGHT OF WAY APPROVAL FOR PAVING, GRADING AND DRAINAGE

BY: _____ DATE: _____

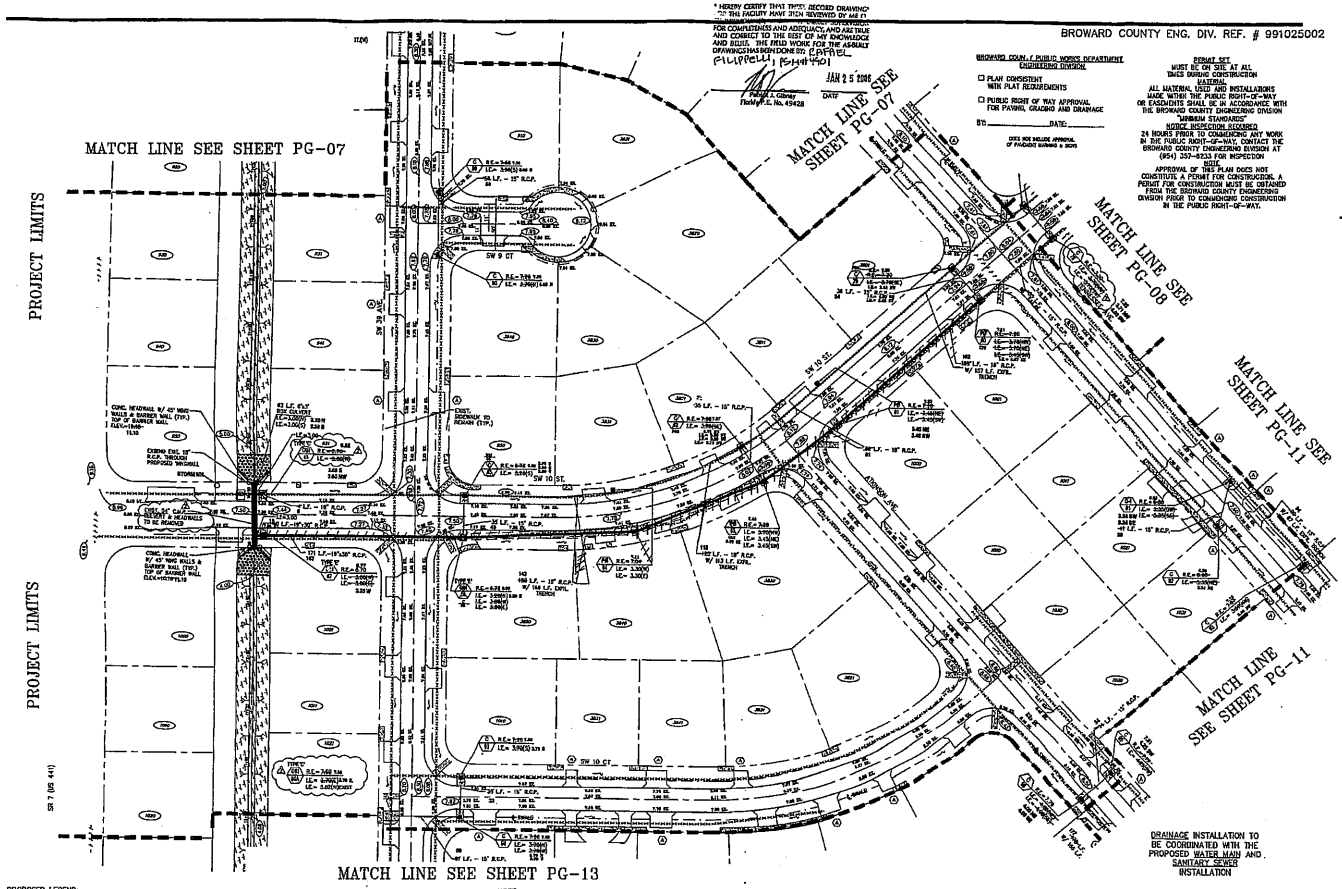
THIS DOE INCLUDE APPROVAL OF PAVEMENT SURFACE & SIGNS

PERMIT SET
MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION

MATERIAL
ALL MATERIAL USED AND INSTALLATIONS MADE WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS SHALL BE IN ACCORDANCE WITH THE BROWARD COUNTY ENGINEERING DIVISION "MINIMUM STANDARDS"

NOTICE INSPECTION REQUIRED
24 HOURS PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RIGHT-OF-WAY, CONTACT THE BROWARD COUNTY ENGINEERING DIVISION AT (954) 357-6233 FOR INSPECTION

NOTE
APPROVAL OF THIS PLAN DOES NOT CONSTITUTE A PERMIT FOR CONSTRUCTION. A PERMIT FOR CONSTRUCTION MUST BE OBTAINED FROM THE BROWARD COUNTY ENGINEERING DIVISION PRIOR TO COMMENCING CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY.



DRAINAGE INSTALLATION TO BE COORDINATED WITH THE PROPOSED WATER MAIN AND SANITARY SEWER INSTALLATION

SCALE: 1"=40'
0 20 40 80

I CERTIFY THAT LOCATIONS, DIMENSIONS, AND ELEVATIONS SHOWN ON THESE DRAWINGS WITH RESPECT TO THE PAVING AND DRAINAGE FACILITIES ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
RAFAEL FILIPPELLI INC. P.S.M. 4901
1701 ORANGE GROVE BLVD.
LOXAHATCHEE, FL 33470
(561)793-4736
SIGNATURE: Rafael Filippelli
DATE: 1/25/06

AS-BUILT LEGEND

EX. = EXISTING ROCK

KEY MAP
NOT TO SCALE

BROWARD COUNTY
FLORIDA

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT
MELROSE PARK S.W.

Revision	Date
90% SUBMITTAL - MELROSE PARK S.W.	07 AUG 99
100% SUBMITTAL - MELROSE PARK S.W.	11 OCT 99
PERMIT SET - MELROSE PARK S.W.	17 OCT 99
AS-BUILT - MELROSE PARK S.W.	1 JULY 00
2 AS-BUILT DRAWING CHANGES W/ PUBLIC WORKS	OCT 30,

SEAL

RECEIVED
MAY 29 2003

CRAVEN • THOMPSON & ASSOCIATES, INC.

ENGINEERS • PLANNERS • SURVEYORS
3563 N.W. 53rd STREET
FORT LAUDERDALE, FLORIDA 33309
PHONE: (954) 739-6400
FAX: (954) 733-9158
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PAVING, GRADING & DRAINAGE PLAN

Date 02AUGUST1999
Project No95-0085.02
In Charge R.D.COLE
Design By H.OBEBEL
Drawn By C.N.MOOTZ
Sheet No.10 126 of

PG-10

PROPOSED LEGEND:

PROPOSED SIDEWALK (SEE DETAIL FOR SPECIFICATIONS)	
PROPOSED PAVEMENT CONSTRUCTION	
PROPOSED RECONSTRUCTED DRIVEWAY	
PAVEMENT RESTORATION	
DITCH RECONSTRUCTION	
STORM BASIN TYPE	
STORM BASIN NUMBER	
PROPOSED STORM PIPE WITH EXTENSION BRANCH	
PROPOSED STORM MAINTENANCE ACCESS STRUCTURE	
FINISH FLOOR ELEVATION	FF=
EXISTING GRADE	
PROPOSED GRADE	31.00
TYPE "P" STRUCTURE (ROUND)	P-5
TYPE "P" STRUCTURE (SQUARE)	P-9
RAISED INLET GRATE OR INV (± 0.20 FEET ABOVE FLOW LINE)	(R)
INV / GRATE ELEVATION	G.E.=
INVERT ELEVATION	I.E.=
LINEAL FOOTAGE OF PIPE	L.F.=
DRAINAGE FLOW	
PROPOSED DRAINAGE STRUCTURE	
PROPOSED DRAINAGE PIPE	
PROPOSED 6'x3' BOX CULVERT	
GRADE (MEURSE 3.M) ELEVATION	3.M.
INDICATES DRIVEWAY CONSTRUCTED PER TYPE "A" DRIVEWAY DETAIL	A

NOTE:

1. NOT ALL EXISTING UTILITIES SHOWN ON PLAN. REFER TO EXISTING CONDITIONS PLANS FOR TYPE & LOCATION OF EXISTING UTILITIES.
2. ALL EXISTING CATCH BASINS & STORM DRAINS LOCATED WITHIN RIGHT-OF-WAY TO BE REMOVED UNLESS OTHERWISE SHOWN. THE CONTRACTOR SHALL VERIFY THE CONDITION OF REMAINS PRIOR TO ANY REMOVAL OF ANY DRAINAGE STRUCTURES AND/OR PIPES. BASINS & STORM DRAINS REMOVED SHALL BE BACKFILLED PER BROWARD COUNTY SPECIFICATIONS.
3. ALL INTERSECTIONS SHALL HAVE A PAVEMENT RADIUS OF 30 FEET UNLESS OTHERWISE SHOWN.
4. ALL EXISTING SIDEWALK SHOWN HEREON WITHIN R/W SHALL REMAIN UNLESS OTHERWISE SHOWN.
5. EXISTING FENCES, WALLS, ETC. LOCATED WITHIN RIGHT-OF-WAY SHALL BE RELOCATED TO OWNERS PROPERTY.
6. EXISTING CATCH BASINS LOCATED WITHIN RIGHT-OF-WAY MAY BE CONNECTED TO ADJACENT PROPERTY ROOF DRAINS, IF THIS SITUATION IS DISCOVERED DURING CONSTRUCTION THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD AND THE CONTRACTOR SHALL NOT REMOVE THE CATCH BASINS. THE CATCH BASINS UNLESS AUTHORIZED TO DO SO BY THE ENGINEER OF RECORD.
7. PROVIDE A 2 FOOT LEVELED STRIP OF SOD ALONG BACK OF PROPOSED SIDEWALK TO ELIMINATE EROSION.
8. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY RELOCATION/COORDINATION OF EXISTING UTILITIES (WATER, STRUTS) AS REQUIRED TO FACILITATE PROPOSED INFRASTRUCTURE.

EXISTING LEGEND:

SIAMESE CONNECTION	
FIRE HYDRANT ASSEMBLY	
WATER GATE VALVE	
WATER METER	
DOUBLE WATER METER	
POWER POLE	
POLE ANCHOR	
DRAINAGE INLET	
SANITARY SEWER MAINTENANCE ACCESS STRUCTURE	
ELECTRICAL BOX	
SOUTHERN BELL MAINTENANCE ACCESS STRUCTURE	
TRAFFIC SIGNAL BOX	
GAS MARK	GAS
AT&T MAINTENANCE ACCESS STRUCTURE	
TELEPHONE BOX	
NIGHTSHADE WELL	
FLORIDA POWER & LIGHT	FPL
OVERHEAD SOUTHERN BELL TELEPHONE	(O.S.B.T.)
UNDERGROUND SOUTHERN BELL TELEPHONE	(U.S.B.T.)
SANITARY SEWER	SAN
GAS MAIN	GAS
STORM SEWER	STM
WATER MAIN	WM
FORCE MAIN	FM
TO BE REMOVED	
TO BE ABANDONED	
BLOCK NUMBER	B-6
LOT NUMBER	L-20
ADDRESS	20
FINISH FLOOR	FF=XX.XX

CERTIFICATE:
I HEREBY CERTIFY THAT THESE RECORD DRAWINGS AND THE FACILITY HAVE BEEN REVIEWED BY ME OR INDIVIDUALLY UNDER MY DIRECT SUPERVISION FOR CONFORMITY AND CORRECTNESS TO THE BEST OF MY KNOWLEDGE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE FIELD WORK FOR THE AS-BUILT DRAWINGS HAS BEEN DONE BY: RAFAEL FILIPPELLI, PSM # 4901

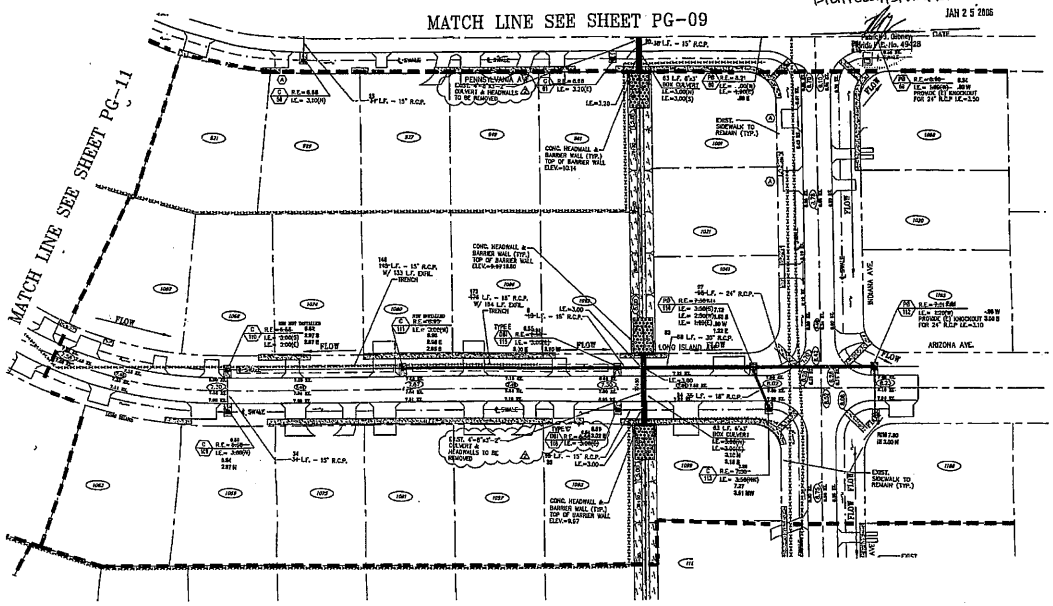
JAN 25 2006

BROWARD COUNTY ENG. DIV. REF. # 991025002

SCALE: 1"=40'
0 20 40 80

DRAINAGE INSTALLATION TO BE COORDINATED WITH THE PROPOSED WATER MAIN AND SANITARY SEWER INSTALLATION

NOTE: CONTRACTOR SHALL EXERCISE CARE AND CAUTION WHEN REGRADING THE DITCH SO AS NOT TO DISTURB EXISTING F.P.L. UTILITY FACILITIES



I CERTIFY THAT LOCATIONS, DIMENSIONS, AND ELEVATIONS SHOWN ON THESE DRAWINGS WITH RESPECT TO THE PAVING AND DRAINAGE FACILITIES ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
RAFAEL FILIPPELLI, INC. P.S.M. 4901
17851 GRANDE COVE BLVD.
LOXAHATCHEE, FL 33470
(561)798-4798
SIGNATURE: Rafael Filippelli
DATE: 5/29/03

AS-BUILT LEGEND

EX. = EXISITING ROCK

KEYMAP
SCALE:NONE

BROWARD COUNTY
FLORIDA

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT
MELROSE PARK S.W.

Revision	Date
AS-BUILT — MELROSE PARK S.W.	07 AUG 99
AS-BUILT — MELROSE PARK S.W.	1 OCT 99
AS-BUILT — MELROSE PARK S.W.	17 DEC 99
1 REVISE NOTES	11 JAN 00
2 REVISE STRUCTURE CALLOUTS & NOTES	OCT. 03

SEAL

RECEIVED
MAY 29 2003

BROWARD COUNTY PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

☐ PLAN CONSISTENT WITH PLAT REQUIREMENTS

☐ PUBLIC RIGHT OF WAY APPROVAL FOR PAVING, GRADING AND DRAINAGE

BY: _____ DATE: _____

DOES NOT INCLUDE APPROVAL OF PARKING MARKING & SIGNS

DETAIL SET
MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION

MATERIAL
ALL MATERIAL USED AND INSTALLATIONS MADE WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS SHALL BE IN ACCORDANCE WITH THE BROWARD COUNTY ENGINEERING DIVISION "MINIMUM STANDARDS"

NOTICE INSPECTION REQUIRED
24 HOURS PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RIGHT-OF-WAY, CONTACT THE BROWARD COUNTY ENGINEERING DIVISION AT (954) 357-8233 FOR INSPECTION

NOTE
APPROVAL OF THIS PLAN DOES NOT CONSTITUTE A PERMIT FOR CONSTRUCTION. A PERMIT FOR CONSTRUCTION MUST BE OBTAINED FROM THE BROWARD COUNTY ENGINEERING DIVISION PRIOR TO COMMENCING CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY.

CRAVEN • THOMPSON & ASSOCIATES, INC.

ENGINEERS • PLANNERS • SURVEYORS
7003 W.O. SAW STREET
FORT LAUDERDALE, FLORIDA 33309
PHONE: (954) 739-6400
FAX: (954) 739-6408

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PAVING, GRADING & DRAINAGE PLAN

Date 02AUGUST1999
Project No95-0065.02
In Charge R.D.COLE
Design By R.D.COLE
Drawn By C.M.MOOTZ
Sheet No.32 129 of

PG-12

PROPOSED LEGEND:

- PROPOSED SIDEWALK (SEE DETAIL FOR SPECIFICATIONS)
- PROPOSED PAVEMENT CONSTRUCTION
- PROPOSED RECONSTRUCTED DRIVEWAY
- PAVEMENT RESTORATION
- DITCH RECONSTRUCTION
- C-4 / 3 — STORM DRAIN TYPE
- STORM DRAIN MANHOLE
- PROPOSED STORM INLET WITH EXPLORATION TRENCH
- PROPOSED STORM MAINTENANCE ACCESS STRUCTURE
- FT= — FINISH FLOOR ELEVATION
- EXISTING GRADE
- (11.00) — PROPOSED GRADE
- PØ — TYPE "P" STRUCTURE (ROUND)
- PØ — TYPE "P" STRUCTURE (SQUARE)
- (R) — RAISED INLET GRATE ON INA (± 0.20 FEET ABOVE FLOW LINE)
- R.E.= — INA / GRATE ELEVATION
- I.E.= — INVERT ELEVATION
- L.F. — LINEAR FOOTAGE OF PIPE
- DRAINAGE FLOW
- PROPOSED DRAINAGE STRUCTURE
- PROPOSED DRAINAGE PIPE
- PROPOSED 4'x4' BOX CULVERT
- 4.22 — GRADE (MELROSE S.W.) ELEVATION
- (A) — INDICATES DRIVEWAY CONSTRUCTED PER TYPE "A" DRIVEWAY DETAIL

NOTE:

1. NOT ALL EXISTING UTILITIES SHOWN ON PLAN. REFER TO EXISTING CONDITIONS PLANS FOR TYPE & LOCATION OF EXISTING UTILITIES.
2. ALL EXISTING CATCH BASINS & STORM DRAINS LOCATED WITHIN RIGHT-OF-WAY TO BE REMOVED UNLESS OTHERWISE SHOWN. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD PRIOR TO ANY REMOVAL OF ANY DRAINAGE STRUCTURES AND/OR FRAME, GRATES & STORM DRAINS REMOVED SHALL BE BACKFILLED PER BROWARD COUNTY SPECIFICATIONS.
3. ALL INTERSECTIONS SHALL HAVE A PAVEMENT BARRIER OF 30 FEET UNLESS OTHERWISE SHOWN.
4. ALL EXISTING SIDEWALK WITHIN NOTED WITHIN R/W, SHALL REMAIN UNLESS OTHERWISE SHOWN.
5. EXISTING FENCES, WALLS, ETC. LOCATED WITHIN RIGHT-OF-WAY SHALL BE RELOCATED TO OWNERS PROPERTY.
6. EXISTING CATCH BASINS LOCATED WITHIN RIGHT-OF-WAY MAY BE CONNECTED TO ADJACENT PROPERTY ROOF DRAINS. IF THIS SITUATION IS DISCOVERED DURING CONSTRUCTION THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD AND THE CONTRACTOR SHALL NOT REMOVE ANY PIPE OR CATCH BASINS UNLESS AUTHORIZED TO DO SO BY THE ENGINEER OF RECORD.
7. PROVIDE A 2 FOOT LEVELED STRIP OF SOD ALONG BACK OF PROPOSED SIDEWALK TO ELIMINATE EROSION.
8. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY RELOCATION/COORDINATION OF EXISTING UTILITIES (WATER, SEWER) AS REQUIRED TO FACILITATE PROPOSED INFRASTRUCTURE.

EXISTING LEGEND:

- SIAMESE CONNECTION
- FIRE HYDRANT ASSEMBLY
- WATER GATE VALVE
- WATER METER
- DOUBLE WATER METER
- POWER POLE
- POLE ANCHOR
- DRAINAGE INLET
- SANITARY SEWER MAINTENANCE ACCESS STRUCTURE
- ELECTRICAL BOX
- SOUTHERN BELL MAINTENANCE ACCESS STRUCTURE
- TRAFFIC SIGNAL BOX
- GAS MAIN
- AT&T MAINTENANCE ACCESS STRUCTURE
- TELEPHONE BOX
- MONITORING WELL
- FPL — FLORIDA POWER & LIGHT
- (O.S.T.) — OVERHEAD SOUTHERN BELL TELEPHONE
- (U.S.T.) — UNDERGROUND SOUTHERN BELL TELEPHONE
- SAN — SANITARY SEWER
- GAS — GAS MAIN
- STM — STORM SEWER
- WL — WATER MAIN
- FM — FORCE MAIN
- TO BE REMOVED
- TO BE ABANDONED
- 8-6 — BLOCK NUMBER
- L-20 — LOT NUMBER
- 2020 — ADDRESS
- FF=12.34 — FINISH FLOOR

CERTIFICATE:

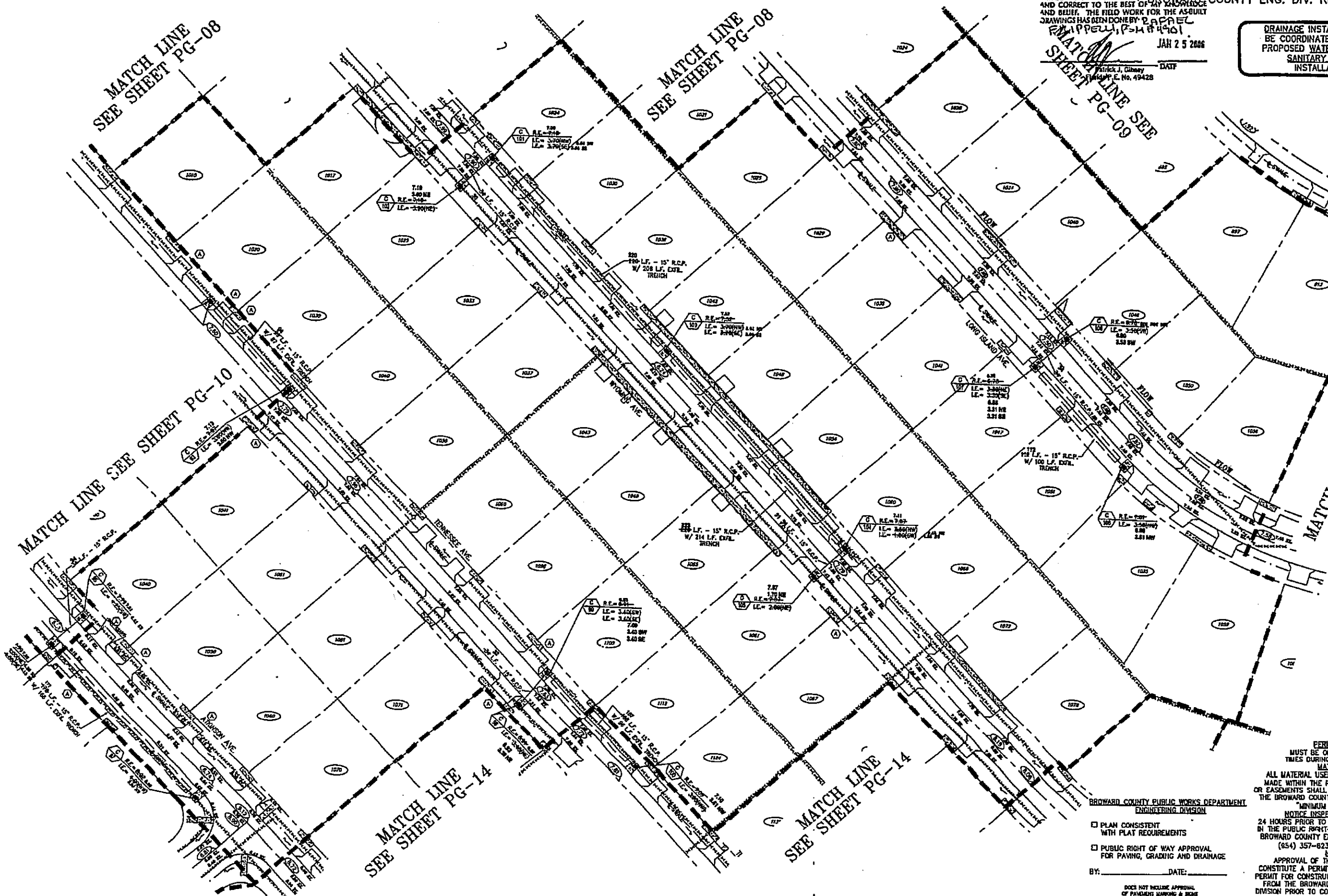
I HEREBY CERTIFY THAT THESE RECORD DRAWINGS ... THE FACILITY HAVE BEEN REVIEWED BY ME OR ... OR COMPLETENESS AND ADEQUACY AND ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE FIELD WORK FOR THE AS-BUILT DRAWINGS HAS BEEN DONE BY: RAFAEL FILIPPELLI, PSM #4901

JAN 2 5 2006

Patrick J. Gibney
Florida P.E. No. 49428 DATE

BROWARD COUNTY ENG. DIV. REF. # 991025002

DRAINAGE INSTALLATION TO BE COORDINATED WITH THE PROPOSED WATER MAIN AND SANITARY SEWER INSTALLATION



SCALE: 1"=40'
0 20 40 80

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RAFAEL FILIPPELLI, INC. P.S.M. 4901
17831 ORANGE GROVE BLVD.
LOXAHATCHEE, FL 33470
(561)798-4726
SIGNATURE: Rafael Filippelli
DATE: 5/29/03

AS-BUILT LEGEND

EX. = EXISITING ROCK

KEY MAP

BROWARD COUNTY
FLORIDA

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT MELROSE PARK S.W.

Revision	Date
30% SUBMITTAL – MELROSE PARK S.W.	02 AUG 99
60% SUBMITTAL – MELROSE PARK S.W.	11 OCT 99
100% SUBMITTAL – MELROSE PARK S.W.	17 DEC 99
1 REVISE NOTES	31 JULY 00

SEAL

RECEIVED MAY 2 9 2003

CRAVEN • THOMPSON & ASSOCIATES, INC.
ENGINEERS • PLANNERS • SURVEYORS
3563 N.W. 53rd STREET
FORT LAUDERDALE, FLORIDA 33309
PHONE: (954) 739-6400
FAX: (954) 739-6409

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PAVING, GRADING & DRAINAGE PLAN

Date 02AUGUST1999
Project No95-0065.02
In Charge R.D.COLE
Design By H.DEIBEL
Drawn By G.M.MOOTZ
Sheet No.31 126 of

PG-11

BROWARD COUNTY PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION

☐ PLAN CONSISTENT WITH PLAT REQUIREMENTS

☐ PUBLIC RIGHT OF WAY APPROVAL FOR PAVING, GRADING AND DRAINAGE

BY: ____________ DATE: ________

DOES NOT INCLUDE APPROVAL OF PAVEMENT MARKING & SIGNS

PERMIT SET
MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION

MATERIAL
ALL MATERIAL USED AND INSTALLATIONS MADE WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS SHALL BE IN ACCORDANCE WITH THE BROWARD COUNTY ENGINEERING DIVISION "MINIMUM STANDARDS"

NOTICE INSPECTION REQUIRED
24 HOURS PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RIGHT-OF-WAY, CONTACT THE BROWARD COUNTY ENGINEERING DIVISION AT (954) 357-6233 FOR INSPECTION

NOTE
APPROVAL OF THIS PLAN DOES NOT CONSTITUTE A PERMIT FOR CONSTRUCTION. A PERMIT FOR CONSTRUCTION MUST BE OBTAINED FROM THE BROWARD COUNTY ENGINEERING DIVISION PRIOR TO COMMENCING CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY.

PROPOSED LEGEND:

- PROPOSED SIDEWALK (SEE DETAIL FOR SPECIFICATIONS)
- PROPOSED PAVEMENT CONSTRUCTION
- PROPOSED RECONSTRUCTED DRIVEWAY
- PAVEMENT RESTORATION
- DITCH RECONSTRUCTION
- C-4 — STORM BASIN TYPE
- 3 — STORM BASIN NUMBER
- PROPOSED STORM INLET WITH EXFILTRATION TRENCH
- PROPOSED STORM MAINTENANCE ACCESS STRUCTURE
- FF= FINISH FLOOR ELEVATION
- EXISTING GRADE
- (11.00) PROPOSED GRADE
- PØ TYPE "P" STRUCTURE (ROUND)
- P☐ TYPE "P" STRUCTURE (SQUARE)
- (R) RAISED INLET GRATE OR RIM (+ 0.20 FEET ABOVE FLOW LINE)
- R.E.= RIM / GRATE ELEVATION
- I.E.= INVERT ELEVATION
- L.F. LINEAR FOOTAGE OF PIPE
- DRAINAGE FLOW
- PROPOSED DRAINAGE STRUCTURE
- PROPOSED DRAINAGE PIPE
- PROPOSED 6'x3' BOX CULVERT
- GRADE (MELROSE S.W.) ELEVATION
- (A) INDICATES DRIVEWAY CONSTRUCTED PER TYPE 'A' DRIVEWAY DETAIL

NOTE:

1. NOT ALL EXISTING UTILITIES SHOWN ON PLAN. REFER TO EXISTING CONDITIONS PLANS FOR TYPE & LOCATION OF EXISTING UTILITIES.
2. ALL EXISTING CATCH BASINS & STORM DRAINS LOCATED WITHIN RIGHT-OF-WAY TO BE REMOVED UNLESS OTHERWISE SHOWN. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD PRIOR TO ANY REMOVAL OF ANY DRAINAGE STRUCTURES AND/ OR PIPING. BASINS & STORM DRAINS REMOVED SHALL BE BACKFILLED PER BROWARD COUNTY SPECIFICATIONS.
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8. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY RELOCATION/COORDINATION OF EXISTING UTILITIES (WATER, SEWER) AS REQUIRED TO FACILITATE PROPOSED INFRASTRUCTURE.

EXISTING LEGEND:

- SIAMESE CONNECTION
- FIRE HYDRANT ASSEMBLY
- WATER GATE VALVE
- WATER METER
- DOUBLE WATER METER
- POWER POLE
- POLE ANCHOR
- DRAINAGE INLET
- SANITARY SEWER MAINTENANCE ACCESS STRUCTURE
- ELECTRICAL BOX
- SOUTHERN BELL MAINTENANCE ACCESS STRUCTURE
- TRAFFIC SIGNAL BOX
- G.M. GAS MAIN
- AT&T MAINTENANCE ACCESS STRUCTURE
- TELEPHONE BOX
- MONITORING WELL
- FPL FLORIDA POWER & LIGHT
- (O.S.B.T.) OVERHEAD SOUTHERN BELL TELEPHONE
- (U.S.B.T.) UNDERGROUND SOUTHERN BELL TELEPHONE
- —SAN— SANITARY SEWER
- —GAS— GAS MAIN
- —STM— STORM SEWER
- —WM— WATER MAIN
- —FM— FORCE MAIN
- TO BE REMOVED
- TO BE ABANDONED
- B-6 BLOCK NUMBER
- L-20 LOT NUMBER
- (XXX) ADDRESS
- F.F.=XX.XX FINISH FLOOR

BROWARD COUNTY PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

☐ PLAN CONSISTENT WITH PLAT REQUIREMENTS

☐ PUBLIC RIGHT-OF-WAY APPROVAL FOR PAVING, GRADING AND DRAINAGE

BY: _____ DATE: _____

DUES MUST INCLUDE APPROVAL OF PARCHEL MANAGE & DOCS

PERMIT SET
MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION

MATERIAL
ALL MATERIAL USED AND INSTALLATIONS MADE WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS SHALL BE IN ACCORDANCE WITH THE BROWARD COUNTY ENGINEERING DIVISION "MINIMUM STANDARDS"

NOTICE INSPECTION REQUIRED
24 HOURS PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RIGHT-OF-WAY, CONTACT THE BROWARD COUNTY ENGINEERING DIVISION AT (954) 357-6233 FOR INSPECTION

NOTE:
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CERTIFICATE

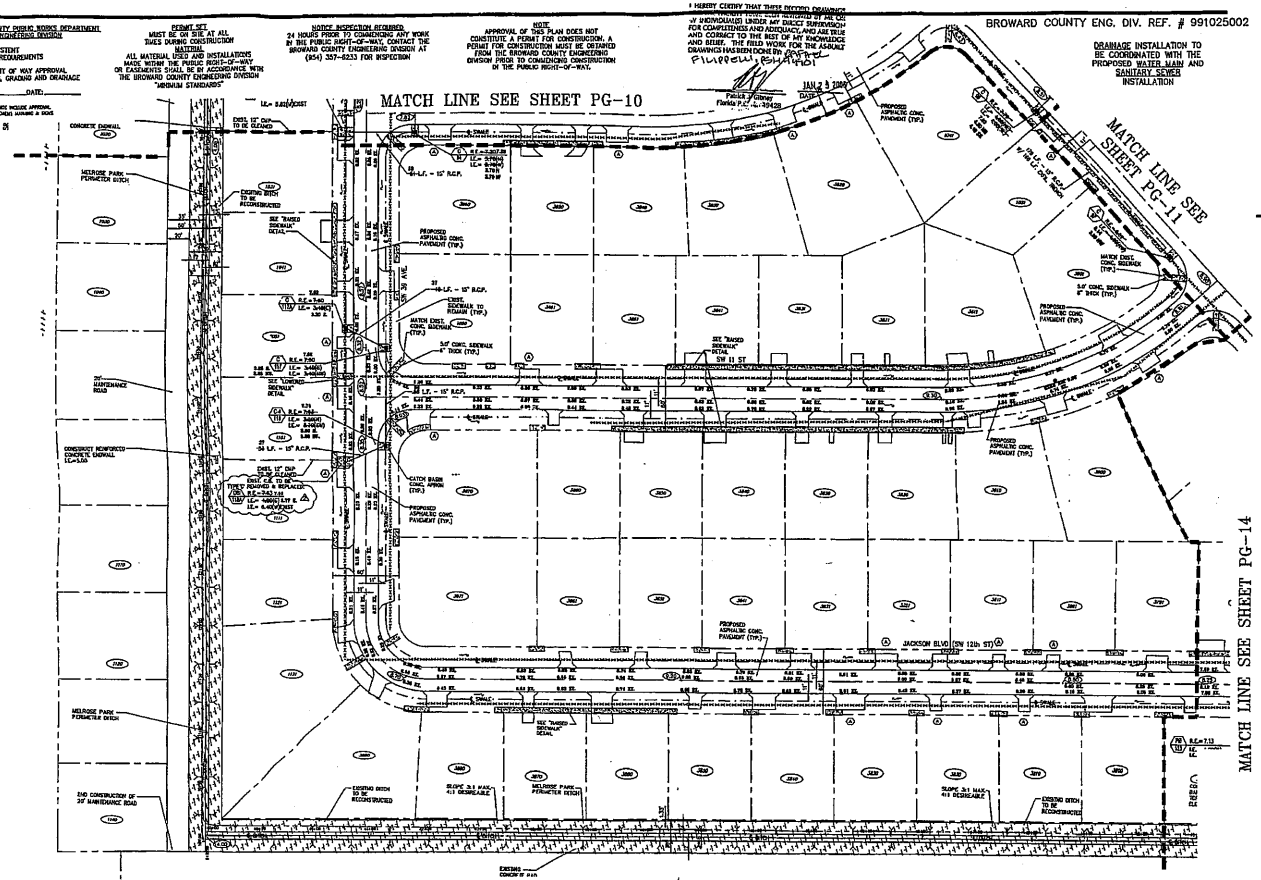
I HEREBY CERTIFY THAT THESE RECORD DRAWINGS WERE PREPARED BY ME OR UNDER MY DIRECT SUPERVISION OF INDIVIDUAL(S) UNDER MY DIRECT SUPERVISION FOR COMPLETENESS AND ACCURACY, AND ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE FIELD WORK FOR THE AS-BUILT DRAWINGS HAS BEEN DONE BY: PHILIPPELLI & ASSOCIATES

Parker J. Gibbons
Florida P.E. No. 30428

DATE: JAN 2 3 2003

BROWARD COUNTY ENG. DIV. REF. # 991025002

DRAINAGE INSTALLATION TO BE COORDINATED WITH THE PROPOSED WATER MAIN AND SANITARY SEWER INSTALLATION



SCALE: 1"=40

0 20 40 80

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RAPHAEL PHILIPPELLI, INC. P.S.M. 4901
17201 ORANGE GROVE BLVD.
LOXAHATCHEE, FL 33470
(561)793-6728
SIGNATURE:
DATE: 1/23/03

AS-BUILT LEGEND

EX. = EXISTING ROCK

KEY MAP
SCALE: NONE

BROWARD COUNTY
FLORIDA

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT
MELROSE PARK S.W.

Revision	Date
90% SUBMITTAL – MELROSE PARK S.W.	01 AUG 99
95% SUBMITTAL – MELROSE PARK S.W.	11 OCT 99
100% SUBMITTAL – MELROSE PARK S.W.	17 DEC 99
1 REVISE NOTES	31 JULY 00
2 REVISE SIDEWALK CALLOUT	11 OCT 00

SEAL

RECEIVED MAY 2 5 2003

CRAVEN • THOMPSON & ASSOCIATES, INC.

ENGINEERS • PLANNERS • SURVEYORS
3563 N.W. 53rd STREET
FORT LAUDERDALE, FLORIDA 33309
PHONE: (954) 730-4040
FAX: (954) 730-4108
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PAVING, GRADING & DRAINAGE PLAN

Date 02AUGUST1999
Project No05-0065.02
In Charge R.D.COLE
Design By H.OBRIEL
Drawn By G.LAMONTZ
Sheet No.33 126 of

PG-13

PROPOSED LEGEND:

- PROPOSED SIDEWALK (SEE DETAIL FOR SPECIFICATIONS)
- PROPOSED PAVEMENT CONSTRUCTION
- PROPOSED RECONSTRUCTED DRIVEWAY
- PAVEMENT RESTORATION
- DITCH RECONSTRUCTION
- STORM BASIN TYPE
- STORM BASIN HEADER
- PROPOSED STORM INLET WITH EXFILTRATION TRENCH
- PROPOSED STORM MAINTENANCE ACCESS STRUCTURE
- FF= FINISH FLOOR ELEVATION
- EXISTING GRADE
- 11.00 PROPOSED GRADE
- P-8 TYPE "P" STRUCTURE (SQUARE)
- P-8 TYPE "P" STRUCTURE (SQUARE)
- (R) RAISED INLET GRATE ON BM (+ 0.25 FEET ABOVE FLOW LINE) BM / GRATE ELEVATION
- R.E.= INVERT ELEVATION
- L.F.= LINEAR FOOTAGE OF PIPE
- DRAINAGE FLOW
- PROPOSED DRAINAGE STRUCTURE
- PROPOSED DRAINAGE PIPE
- PROPOSED 6'x3' BOX CULVERT
- 2.50 GRADE (MELROSE S.W.) ELEVATION
- (A) INDICATES DRIVEWAY CONSTRUCTED PER TYPE "A" DRIVEWAY DETAIL

NOTE:

1. NOT ALL EXISTING UTILITIES SHOWN ON PLAN. REFER TO EXISTING CONDITIONS PLANS FOR TYPE & LOCATION OF EXISTING UTILITIES.
2. ALL EXISTING CATCH BASINS & STORM DRAINS LOCATED WITHIN RIGHT-OF-WAY SHALL BE CLEANED OUT & FREE OF DEBRIS PRIOR TO 1ST SEAL COAT. NOTIFY BWC ENGINEER OF RECORD PRIOR TO 2ND SEAL COAT. ANY DRAINAGE STRUCTURES AND/OR PIPING, BASINS & STORM DRAINS REMOVED SHALL BE BACKFILLED PER BROWARD COUNTY SPECIFICATIONS.
3. ALL INTERSECTIONS SHALL HAVE A PAVEMENT RADIUS OF 30 FEET UNLESS OTHERWISE SHOWN.
4. ALL EXISTING SIDEWALK SHOWN HEREON WITHIN R/W SHALL REMAIN UNLESS OTHERWISE SHOWN.
5. EXISTING FENCES, WALLS, ETC. LOCATED WITHIN RIGHT-OF-WAY SHALL BE RELOCATED TO OWNERS PROPERTY.
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EXISTING LEGEND:

- SQUARE CONNECTION
- FIRE HYDRANT ASSEMBLY
- WATER GATE VALVE
- WATER METER
- DOUBLE WATER METER
- POWER POLE
- POLE ANCHOR
- DRAINAGE INLET
- SANITARY SEWER MAINTENANCE ACCESS STRUCTURE
- ELECTRICAL BOX
- SOUTHERN BELL MAINTENANCE ACCESS STRUCTURE
- TRAFFIC SIGNAL BOX
- GAS VALVE
- GAS MARK
- ASBT MAINTENANCE ACCESS STRUCTURE
- TELEPHONE BOX
- MONITORING WELL
- FPL FLORIDA POWER & LIGHT
- (13.5±L.T.) OVERHEAD SOUTHERN BELL TELEPHONE
- (14.5±L.T.) UNDERGROUND SOUTHERN BELL TELEPHONE
- SAN SANITARY SEWER
- GAS GAS MAIN
- STM STORM SEWER
- WM WATER MAIN
- FM FORCE MAIN
- TO BE REMOVED
- TO BE ABANDONED
- B-8 BLOCK MARKER
- L-20 LOT MARKER
- 1000 ADDRESS
- FF=10.00 FINISH FLOOR

CAM # 26-0028
Exhibit 1
Page 120 of 198

BROWARD COUNTY PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

☐ PLAN CONSISTENT WITH PLAT REQUIREMENTS

☐ PUBLIC RIGHT OF WAY APPROVAL FOR PAVING, GRADING AND DRAINAGE

BY: _____ DATE: _____

DOES NOT INCLUDE APPROVAL OF PAVEMENT MARKING & SIGNS

PERMIT SET
MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION

MATERIAL
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NOTICE INSPECTION REQUIRED
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CERTIFICATE:
I HEREBY CERTIFY THAT THIS RECORD DRAWINGS FOR THE FACILITY HAVE BEEN PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM AWARE OF THE INFORMATION SHOWN HEREON. I AM ALSO AWARE THAT I AM RESPONSIBLE FOR THE COMPLETENESS AND ACCURACY OF THE DRAWINGS. I HAVE REVIEWED THE DRAWINGS AND BELIEVE THEY ARE COMPLETE AND ACCURATE TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE FIELD WORK FOR THE ASBUILT DRAWINGS HAS BEEN DONE BY CRAVEN THOMPSON & FILIPPELLI, INC. FIRM #4901

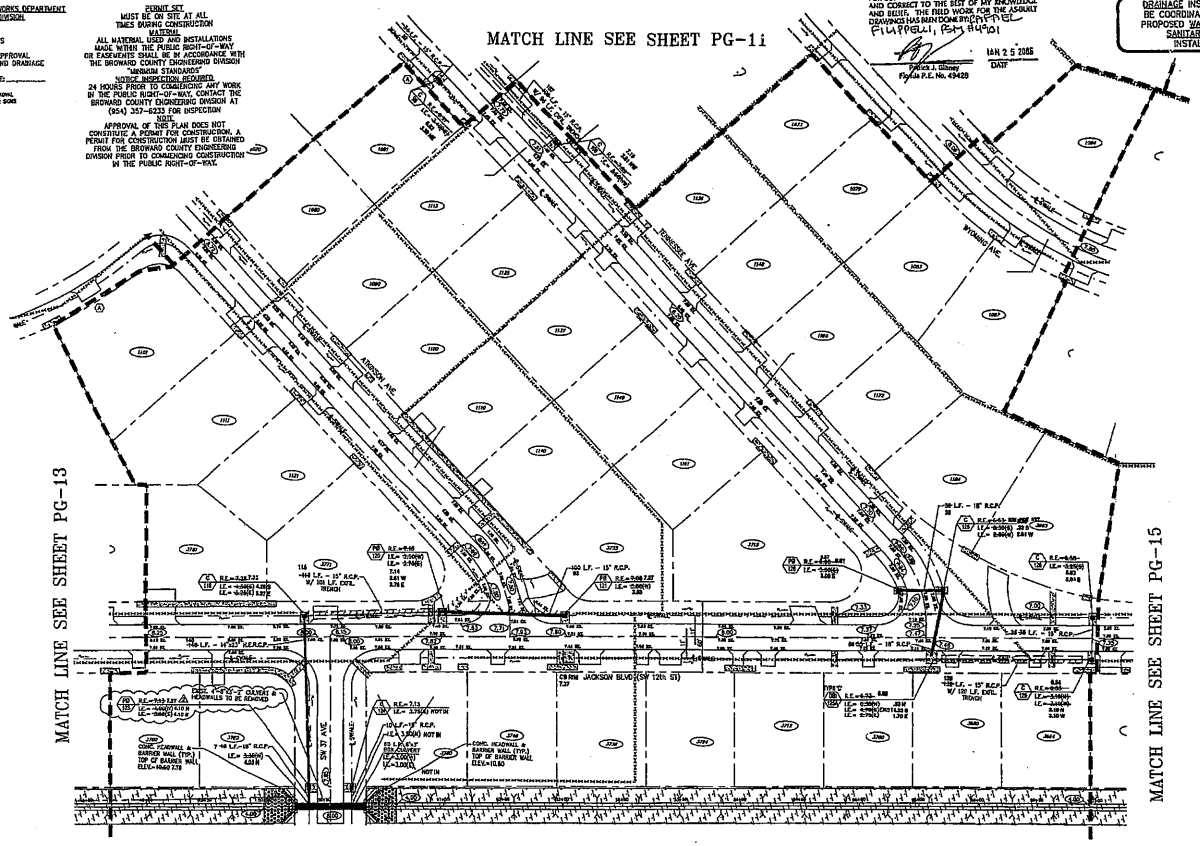
Patrick J. Gilsey
Florida P.E. No. 49429

JAN 2 5 2005
DATE

BROWARD COUNTY ENG. DIV. REF. # 991025002

DRAINAGE INSTALLATION TO BE COORDINATED WITH THE PROPOSED WATER MAIN AND SANITARY SEWER INSTALLATION

SCALE: 1"=40'
0 20 40 80



I CERTIFY THAT LOCATIONS, DIMENSIONS, AND ELEVATIONS SHOWN ON THESE DRAWINGS WITH RESPECT TO THE PAVING AND DRAINAGE FACILITIES ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.
RAFAEL FILIPPELLI, ENG. P.E.M. 4901
17801 ORANGE GROVE BLVD.
LOXAHATCHEE, FL 33470
(561)798-7739
SIGNATURE: Rafael Filippelli
DATE: 5/4/05

AS-BUILT LEGEND

EX. - EXISTING ROCK

KEY No:
SCALE:

BROWARD COUNTY
FLORIDA

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT
MELROSE PARK S.W.

Revision	Date
90% SUBMITTAL - MELROSE PARK S.W.	07 AUG 99
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© COPYRIGHT CRAVEN THOMPSON & ASSOCIATES, INC.

PAVING, GRADING & DRAINAGE PLAN

Date 02AUGUST1999
Project No.S-0065.02
In Charge R.D.COLE
Design By H.DEBBEL
Drawn By G.M.MOOTZ
Sheet No.34 126 of

PG-14

PROPOSED LEGEND:

PROPOSED SIDEWALK (SEE DETAIL FOR SPECIFICATIONS)	STORM BASIN TYPE
PROPOSED PAVEMENT CONSTRUCTION	STORM BASIN NUMBER
PROPOSED RECONSTRUCTED DRIVEWAY	PROPOSED STORM INLET WITH EXFILTRATION TRENCH
PAVEMENT RESTORATION	PROPOSED STORM MAINTENANCE ACCESS STRUCTURE
: ISH ELEV. DIRECTION	FF= FINISH FLOOR ELEVATION
	(11.00) EXISTING GRADE
	PROPOSED GRADE
	PD TYPE "P" STRUCTURE (ROUND)
	PS TYPE "P" STRUCTURE (SQUARE)
	(R) RAISED INLET GRATE OR RIM (+ 0.20 FEET ABOVE FLOW LINE)
	R.E.= INVERT ELEVATION
	L.E.= LINEAR FOOTAGE OF PIPE
	DRAINAGE FLOW
	PROPOSED DRAINAGE STRUCTURE
	PROPOSED DRAINAGE PIPE
	PROPOSED 6"x3' DOX CULVERT
	GRADE (MELROSE S.W.) ELEVATION
	INDICATES DRIVEWAY CONSTRUCTED PER TYPE A DRIVEWAY DETAIL

NOTE:

1. NOT ALL EXISTING UTILITIES SHOWN ON PLAN. REFER TO EXISTING CONDITIONS PLANS FOR TYPE & LOCATION OF EXISTING UTILITIES.
2. ALL EXISTING CATCH BASINS & STORM DRAINS LOCATED WITHIN RIGHT-OF-WAY TO BE REMOVED UNLESS OTHERWISE SHOWN. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD PRIOR TO ANY REMOVAL OF ANY DRAINAGE STRUCTURES AND/OR PIPING. BASINS & STORM DRAINS REMOVED SHALL BE BACKFILLED PER BROWARD COUNTY SPECIFICATIONS.
3. ALL INTERSECTIONS SHALL HAVE A PAVEMENT RADIUS OF 30 FEET UNLESS OTHERWISE SHOWN.
4. ALL EXISTING SIDEWALK SHOWN HEREON WITHIN R/W, SHALL REMAIN UNLESS OTHERWISE SHOWN.
5. EXISTING FENCES, WALLS, ETC. LOCATED WITHIN RIGHT-OF-WAY SHALL BE RELOCATED TO OWNERS PROPERTY.
6. EXISTING CATCH BASINS LOCATED WITHIN RIGHT-OF-WAY MAY BE CONNECTED TO ADJACENT PROPERTY PER PLANS. IF THE STRUCTURE IS ENCOUNTERED DURING CONSTRUCTION THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD AND THE CONTRACTOR SHALL NOT REMOVE ANY PIPE OR CATCH BASINS UNLESS AUTHORIZED TO DO SO BY THE ENGINEER OF RECORD.
7. PROVIDE A 2 FOOT LEVELED STRIP OF SOD ALONG BACK OF PROPOSED SIDEWALK TO ELIMINATE EROSION.
8. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY RELOCATION/COORDINATION OF EXISTING UTILITIES (WATER, SEWER) AS REQUIRED TO FACILITATE PROPOSED INFRASTRUCTURE.

EXISTING LEGEND:

SIAMESE CONNECTION	SOUTHERN BELL MAINTENANCE ACCESS STRUCTURE
FIRE HYDRANT ASSEMBLY	TRAFFIC SIGNAL BOX
V. V. F VALVE	GAS MARK
WATER METER	ATAT MAINTENANCE ACCESS STRUCTURE
POWER POLE	TELEPHONE BOX
POLE ANCHOR	MONITORING WELL
DRAINAGE INLET	FLORIDA POWER & LIGHT
SANITARY SEWER MAINTENANCE ACCESS STRUCTURE	OVERHEAD SOUTHERN BELL TELEPHONE
ELECTRICAL BOX	UNDERGROUND SOUTHERN BELL TELEPHONE

SAN	SANITARY SEWER
GAS	GAS MARK
STM	STORM SEWER
WM	WATER MARK
FM	FORCE MARK
	TO BE REMOVED
	TO BE ABANDONED
B-6	BLOCK NUMBER
L-20	LOT NUMBER
500	ADDRESS
F.F.=10.00	FINISH FLOOR

BROWARD COUNTY ENG. DIV. REF. # 991025002

NOTE: CONTRACTOR SHALL EXERCISE CARE AND CAUTION WHEN REGRADING THE DITCH SO AS NOT TO DISTURB EXISTING F.P.L. UTILITY FACILITIES

DRAINAGE INSTALLATION TO BE COORDINATED WITH THE PROPOSED WATER MAIN AND SANITARY SEWER INSTALLATION

SCALE: 1"=40'

0 20 40 80

MATCH LINE SEE SHEET PG-12

MATCH LINE SEE SHEET PG-14

MATCH LINE SEE SHEET PG-14

WYOMING AVE.

ALABAMA AVE.

INDIANA

JACKSON BLVD (SW 12th ST)

JACKSON BLVD (SW 12th ST)

BROWARD COUNTY PUBLIC WORKS DEPARTMENT ENGINEERING DIVISION

☐ PLAN CONSISTENT WITH PLAT REQUIREMENTS

☐ PUBLIC RIGHT OF WAY APPROVAL FOR PAVING, GRADING AND DRAINAGE

BY: _____ DATE: _____

SIGN MUST INCLUDE APPROVAL OF PAVEMENT MARKING & SIGNS

PERMIT SET
MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION

MATERIAL
ALL MATERIAL USED AND INSTALLATIONS MADE WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS SHALL BE IN ACCORDANCE WITH THE BROWARD COUNTY ENGINEERING DIVISION "MINIMUM STANDARDS"

NOTICE: INSPECTION REQUIRED
24 HOURS PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RIGHT-OF-WAY, CONTACT THE BROWARD COUNTY ENGINEERING DIVISION AT (954) 357-6233 FOR INSPECTION

APPROVAL OF THIS PLAN DOES NOT CONSTITUTE A PERMIT FOR CONSTRUCTION. A PERMIT FOR CONSTRUCTION MUST BE OBTAINED FROM THE BROWARD COUNTY ENGINEERING DIVISION PRIOR TO COMMENCING CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY.

CERTIFICATE

I HEREBY CERTIFY THAT THESE RECORD DRAWINGS [illegible] PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM FAMILIAR WITH THE INFORMATION SHOWN ON THESE DRAWINGS AND AM CONVINCED THAT THEY ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE FIELD WORK FOR THE AS-BUILT DRAWINGS WAS MADE BY ME OR UNDER MY DIRECT SUPERVISION.

F.I.L. PERELLI, PSM #4101

14.W.P.S. 2205
DATE

Range 42 E

I CERTIFY THAT LOCATIONS, DIMENSIONS, AND ELEVATIONS SHOWN ON THESE DRAWINGS WITH RESPECT TO THE PAVING AND DRAINAGE FACILITIES ARE CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

RAFAEL FILIPPELLI, INC. P.S.M. 4101
17341 ORANGE GROVE BLVD.
LOXAHATCHEE, FL 33470
(561)798-4728
SIGNATURE:
DATE: 4-30-03

AS-BUILT LEGEND

EX. = EXISTING ROCK

KEY MAP
SCALE: NONE

BROWARD COUNTY

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT
MELROSE PARK S.W.

Revision	Date
90% SUBMITTAL – MELROSE PARK S.W.	03 JUN 98
95% SUBMITTAL – MELROSE PARK S.W.	11 OCT 99
100% SUBMITTAL – MELROSE PARK S.W.	12 OCT 99
1 REVISE NOTES	17 JULY 00
2 RELEASE CATALOG	11 OCT 00

SEAL

RECEIVED
MAY 29 2003

CRAVEN • THOMPSON & ASSOCIATES, INC.

ENGINEERS • PLANNERS • SURVEYORS
3563 N.W. 53rd STREET
FORT LAUDERDALE, FLORIDA 33309
FLORIDA CERT. CA-0676
FAX (954) 536-6101

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PAVING, GRADING & DRAINAGE PLAN

Date 02AUGUST1999
Project No.S-0065.02
In Charge R.D.COLE
Design By R.D.COLE
Drawn By C.J.LAGOTTZ
Sheet No.35 126 of

PG-15

PROPOSED LEGEND:

PROPOSED SIDEWALK (SEE DETAIL FOR SPECIFICATIONS)	STORM BASIN TYPE
	STORM BASIN NUMBER
PROPOSED PAVEMENT CONSTRUCTION	PROPOSED STORM INLET WITH EXPLANATION INCHES
PROPOSED RECONSTRUCTED DRIVEWAY	PROPOSED STORM MAINTENANCE ACCESS STRUCTURE
	FINISH FLOOR ELEVATION
PAVEMENT RESTORATION	EXISTING GRADE
	PROPOSED GRADE
DITCH RECONSTRUCTION	TYPE "P" STRUCTURE (ROUND)
	TYPE "S" STRUCTURE (SQUARE)

(R)	RAISED INLET GRADE OR RIM (+-0.50 FEET ABOVE FLOW LINE)
R.E.=	RIM / GRATE ELEVATION
I.E.=	INVERT ELEVATION
L.F.	LINEAR FOOTAGE OF PIPE
	DRAINAGE FLOW
	PROPOSED DRAINAGE STRUCTURE
	PROPOSED DRAINAGE PIPE
	PROPOSED 6"x3' DOM CULVERT
9.50	GRADE (MELROSE S.W.) ELEVATION
(A)	INDICATES DRIVEWAY CONSTRUCTED PER TYPE "A" DRIVEWAY DETAIL

NOTE:

1. NOT ALL EXISTING UTILITIES SHOWN ON PLAN; REFER TO EXISTING CONTROLS PLANS FOR TYPE & LOCATION OF EXISTING UTILITIES.
2. ALL EXISTING CATCH BASINS & STORM DRAINS LOCATED WITHIN RIGHT-OF-WAY TO BE REMOVED UNLESS OTHERWISE SHOWN. "U.S. CONTRACTOR SHALL NOTIFY BROWARD COUNTY ENGINEERING DIVISION 24 HOURS PRIOR TO STARTING WORK OR FIRING BLAST & STORM DRAINS REMOVED SHALL BE BACKFILLED PER BROWARD COUNTY SPECIFICATIONS.
3. ALL INTERSECTIONS SHALL HAVE A PARKPORT RADIUS OF 30 FEET UNLESS OTHERWISE SHOWN.
4. ALL EXISTING SIDEWALK SHOWN HEREON WITHIN R/W, SHALL REMAIN UNLESS OTHERWISE SHOWN.
5. EXISTING FENCES, WALLS, ETC. LOCATED WITHIN RIGHT-OF-WAY SHALL BE RELOCATED TO OWNERS PROPERTY.
6. EXISTING CATCH BASINS LOCATED WITHIN RIGHT-OF-WAY MAY BE CONNECTED TO DRAINAGE PROPERTY BOX DRAINS, IF THIS SITUATION OCCURS THE CONTRACTOR SHALL NOTIFY BROWARD COUNTY ENGINEER, THE ENGINEER OF RECORD AND THE CONTRACTOR SHALL NOT REMOVE ANY PIPE OR CATCH BASINS UNLESS AUTHORIZED TO DO SO BY THE OWNERS OF RECORD.
7. PROVIDE A 2 FOOT LEVELED STRIP OF SOD ALONG BACK OF PROPOSED SIDEWALK TO ELIMINATE ERODING.
8. CONTRACTOR IS RESPONSIBLE FOR TEMPORARY RELOCATION/DISCONNECTION OF EXISTING UTILITIES (WATER, SEWER) AS REQUIRED TO FACILITATE PROPOSED INFRASTRUCTURE.

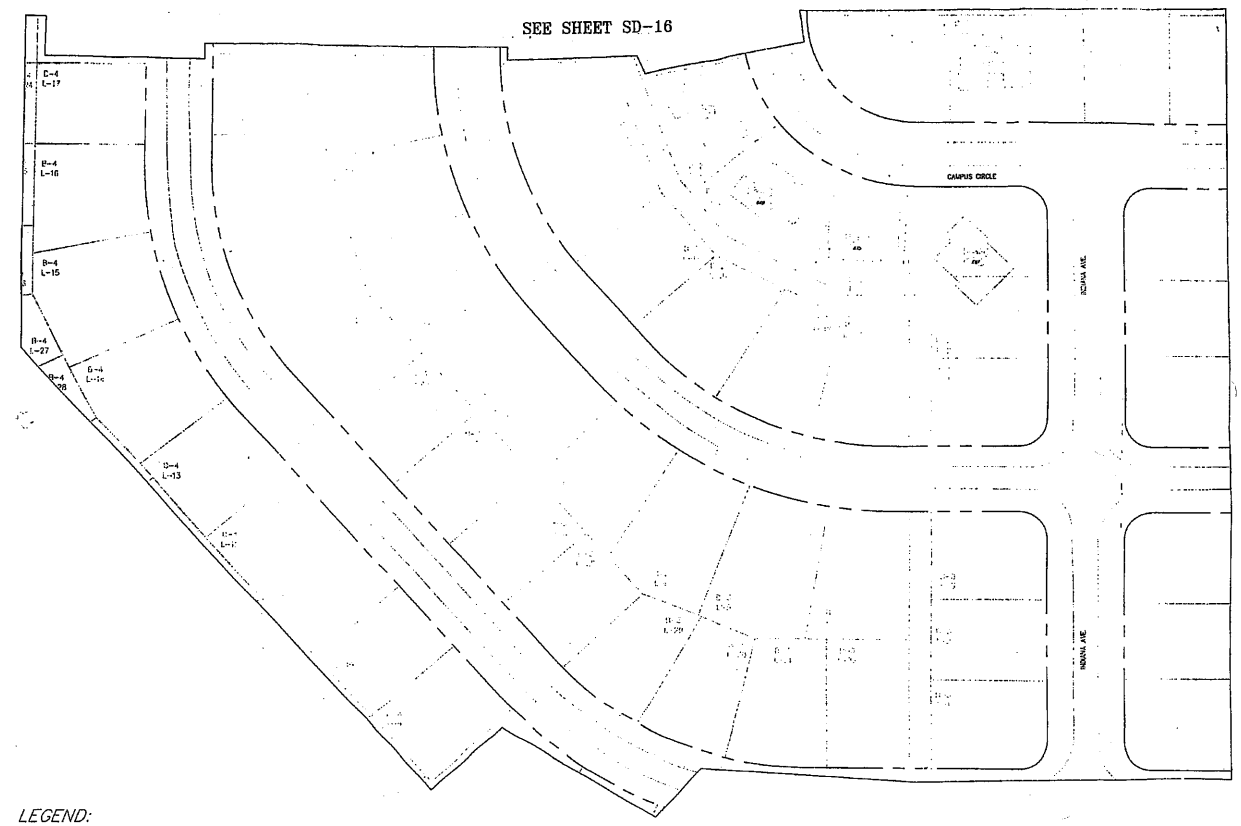
EXISTING LEGEND:

SANITARY CONNECTION	SOUTHERN BELL MAINTENANCE ACCESS STRUCTURE
FIRE HYDRANT ASSEMBLY	TRAFFIC SIGNAL STOP
WATER GATE VALVE	GAS MAIN
WATER METER	ASBUT MAINTENANCE ACCESS STRUCTURE
DOUBLE WATER METER	TELEPHONE BOX
POWER POLE	MONITORING WELL
POLE ANCHOR	FLORIDA POWER & LIGHT
DRAINAGE INLET	SANITARY SEWER MAINTENANCE ACCESS STRUCTURE
	ELECTRICAL BOX

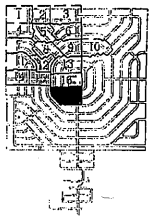
SAN	SANITARY SEWER
GAS	GAS MAIN
STM	STORM SEWER
WM	WATER MAIN
FM	FORCE MAIN
	TO BE REMOVED
	TO BE ABANDONED
B-B	BLOCK MARKER
L-20	LOT MARKER
	ADDRESS
	FINISH FLOOR

CAM # 26-0028
Exhibit 1
Page 144 of 199

BROWARD COUNTY ENG. DIV. REF. #990122002



SCALE: 1"=40'
0 20 40 80



KEY MAP
NOT TO SCALE

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT

Revision	Date

CRAVEN • THOMPSON & ASSOCIATES, INC.

ENGINEERS • PLANNERS • SURVEYORS
3563 N.W. 53rd STREET
FORT LAUDERDALE, FLORIDA 33309
(954) 486-9600
FAX (954) 738-6108

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STORM DRAINAGE ASBUILT PLAN

Date	MARCH 2005
Project No.	95-0065.01
In Charge	R.D.CLOUD
Design By	F. GIBNEY
Drawn By	JVN
Sheet No.	19 of 19

SD-17

LEGEND:

N:604714.15 E:923063.63 R.E.=8.72 I.E.=3.85(E) I.E.=3.85(W) 21	INDICATES SANITARY SEWER STRUCTURE NUMBER AND COORDINATE VALUE W/VERT. DATA
R.E.=	INDICATES SANITARY SEWER RIM ELEVATION
I.E.(E)=	INDICATES SANITARY SEWER INVERT ELEVATION W/DIRECTION
F.M.	INDICATES FORCE MAIN
D.I.P.	INDICATES DUCTILE IRON PIPE
W.M.	INDICATES WATERMAIN
SAN. SEWER	INDICATES SANITARY SEWER
	INDICATES WATER METER BOX
	INDICATES SANITARY (DOUBLE) SERVICE
	INDICATES SANITARY (SINGLE) SERVICE
	INDICATES FIRE HYDRANT ASSEMBLY
	INDICATES WATER MAIN, TEE, GATE VALVE & REDUCER
	INDICATES WATER MAIN PLUG WITH BLOW-OFF
	INDICATES GATE VALVE
N:100000.00 E:100000.00 G.E.=0.00 I.E.=-0.00 10 C.B.	INDICATES CATCH BASIN STRUCTURE NUMBER AND COORDINATE VALUE
G.E.=	INDICATES GRATE ELEVATION
C.B.	INDICATES CATCH BASIN STRUCTURE
FF=	INDICATES FINISH FLOOR ELEVATION
1104	INDICATES ADDRESS
D	INDICATES DRAINAGE MANHOLE
C.I.	INDICATES CURB INLET
S	INDICATES SANITARY SEWER MANHOLE
	INDICATES ABANDONED UTILITIES
Dbl=	INDICATES DOUBLE
V.Bend=	INDICATES VERTICAL BEND

CERTIFICATE

I HEREBY CERTIFY THAT THESE RECORD DRAWINGS FOR THE FACILITY HAVE BEEN REVIEWED BY ME, BY INDIVIDUAL(S) UNDER MY DIRECT SUPERVISION, FOR COMPLETENESS AND ADEQUACY, AND ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE FIELD WORK FOR THE AS-BUILT DRAWINGS HAS BEEN DONE BY CRAVEN THOMPSON & ASSOCIATES, INC.

Frank J. Gibney
Florida P.E. No. 49428

JAN 3 1 2005
DATE

SOUTH FLORIDA WATER
MANAGEMENT DISTRICT

CONSTRUCTION COMPLETION / CERTIFICATION MAPS

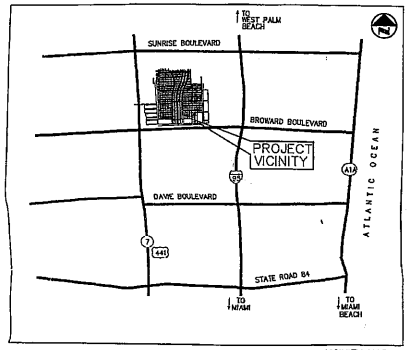
PERMIT NUMBER:
06-02523-P

APPLICATION #
910802-4

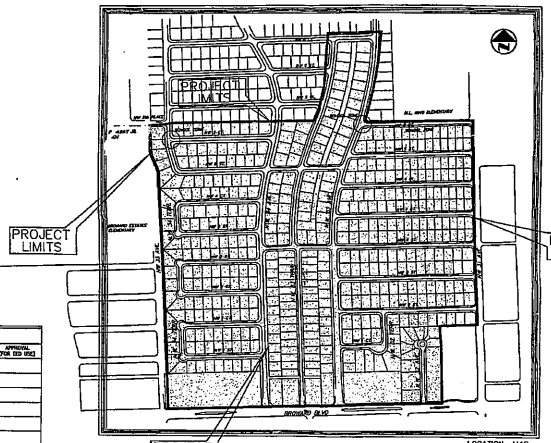
ISSUED DATE:
8/13/2008

BROWARD COUNTY ENG. DIV. REF. # 010427001

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES
CENTRAL COUNTY
NEIGHBORHOOD IMPROVEMENT PROJECT
- BROWARD ESTATES EAST -
BID PACKAGE NO. 7
RECORD DRAWINGS



VICINITY MAP
(N.T.S.)



LOCATION MAP
(N.T.S.)

B.C.O.E.S. / WMD PROJECT No.: 1149
B.C.O.E.S. / EED PROJECT No.: 8559

FEBRUARY 2002

BROWARD COUNTY
FLORIDA

BROWARD COUNTY OFFICE
OF
ENVIRONMENTAL SERVICES

RECORD PLAN AND AS-BUILT SURVEY

THIS RECORD DRAWING (OR RECORD SPECIFICATION) HAS BEEN PREPARED BASED UPON INFORMATION FURNISHED IN PART BY OTHERS. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, LANDO CONSTRUCTION CO., FLORIDA CANNOT ASSUME ITS ACCURACY AND IS THEREFORE NOT RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DRAWING (OR RECORD SPECIFICATION) THAT SPECIFICALLY PERTAINS TO THE AMERICAN-HERITAGE AS-BUILT SURVEY (TOPO) OR FOR ANY ERRORS OR OMISSIONS THEREIN. THE AMERICAN-HERITAGE AS-BUILT SURVEY (TOPO) THOSE RELYING ON THIS RECORD DRAWING ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE APPLYING IT FOR ANY PURPOSE. AS-BUILT SURVEY INFORMATION SHOWN ON THIS DRAWING IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

8-23-05
RICHARD L. MAUNDRELL, P.E.N.
FLORIDA REGISTRATION NO. 5340
LANDO CONSTRUCTION COMPANY, FLORIDA, LB#3729
1000 S.W. 3RD AVE.
DEERFIELD BEACH, FLORIDA 33441
(954) 578-2002 (954) 578-9207 FAX

EXISTING STANDARD ERU DETERMINATION/WATER METER TALLY

WATER ERU				
QUANTITY	ERU CODE	ERU FACTOR	EXTENSION	APPROVAL (FOR EED USE)
406	R01	1.0	406.0	
9.43	C14	0.523	4.932	
50	D03	0.45	22.5	
16.14	C05	0.55	8.877	
20.0	C09	2.495	49.9	
100	C18	0.009	0.9	
3	C02	0.55	1.65	
CAR WASH	–	9.31	9.31	
TOTAL WATER ERU			504.07	

NOTE:
WATER ERU's CALCULATED FOR EXISTING STRUCTURES/ BUILDINGS IN BROWARD ESTATES EAST.

SEWER ERU				
QUANTITY	ERU CODE	ERU FACTOR	EXTENSION	APPROVAL (FOR EED USE)
397	R01	1.0	397.00	
9.43	C14	0.523	4.932	
16.137	C05	0.550	8.877	
20	C09	2.495	49.9	
100	C18	0.009	0.9	
3	C02	0.55	1.65	
850	C15	0.042	35.7	
CAR WASH	–	9.31	9.31	
TOTAL SEWER ERU			508.27	

WATER METER TALLY/NUMBER OF METERS	
QUANTITY	DESCRIPTION
420	WATER METERS TO REMAIN
1	WATER METERS TO BE RELOCATED

ACCEPTANCE INITIAL: DATE:
ERU REVIEWER
CHIEF ESS

BROWARD COUNTY PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

☐ PLAN CONSISTENT WITH PLAT REQUIREMENTS

☐ PUBLIC RIGHT OF WAY APPROVAL FOR PAVING, GRADING AND DRAINAGE

BY: _____ DATE: _____

DOES NOT INCLUDE APPROVAL OF PAVEMENT MARKING & SIGNS

PERMIT SET
MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION

MATERIAL
ALL MATERIAL USED AND INSTALLATIONS MADE WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS SHALL BE IN ACCORDANCE WITH THE BROWARD COUNTY ENGINEERING DIVISION "MINIMUM STANDARDS"

NOTICE INSPECTION REQUIRED
24 HOURS PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RIGHT-OF-WAY, CONTACT THE BROWARD COUNTY ENGINEERING DIVISION AT (954) 357-6233 FOR INSPECTION

NOTE
APPROVAL OF THIS PLAN DOES NOT CONSTITUTE A PERMIT FOR CONSTRUCTION. A PERMIT FOR CONSTRUCTION MUST BE OBTAINED FROM THE BROWARD COUNTY ENGINEERING DIVISION PRIOR TO COMMENCING CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY.

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CRAVEN · THOMPSON AND ASSOCIATES, INC.
ENGINEERS · PLANNERS · SURVEYORS
563 N.W. 53RD STREET, FORT LAUDERDALE, FLORIDA 33309
FAX: (954) 739-6409 TEL.: (954) 739-6400
FLORIDA LICENSED ENGINEERING, SURVEYING & MAPPING BUSINESS No. 271
FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS No. C000114

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RECEIVED
SEP 23 2005

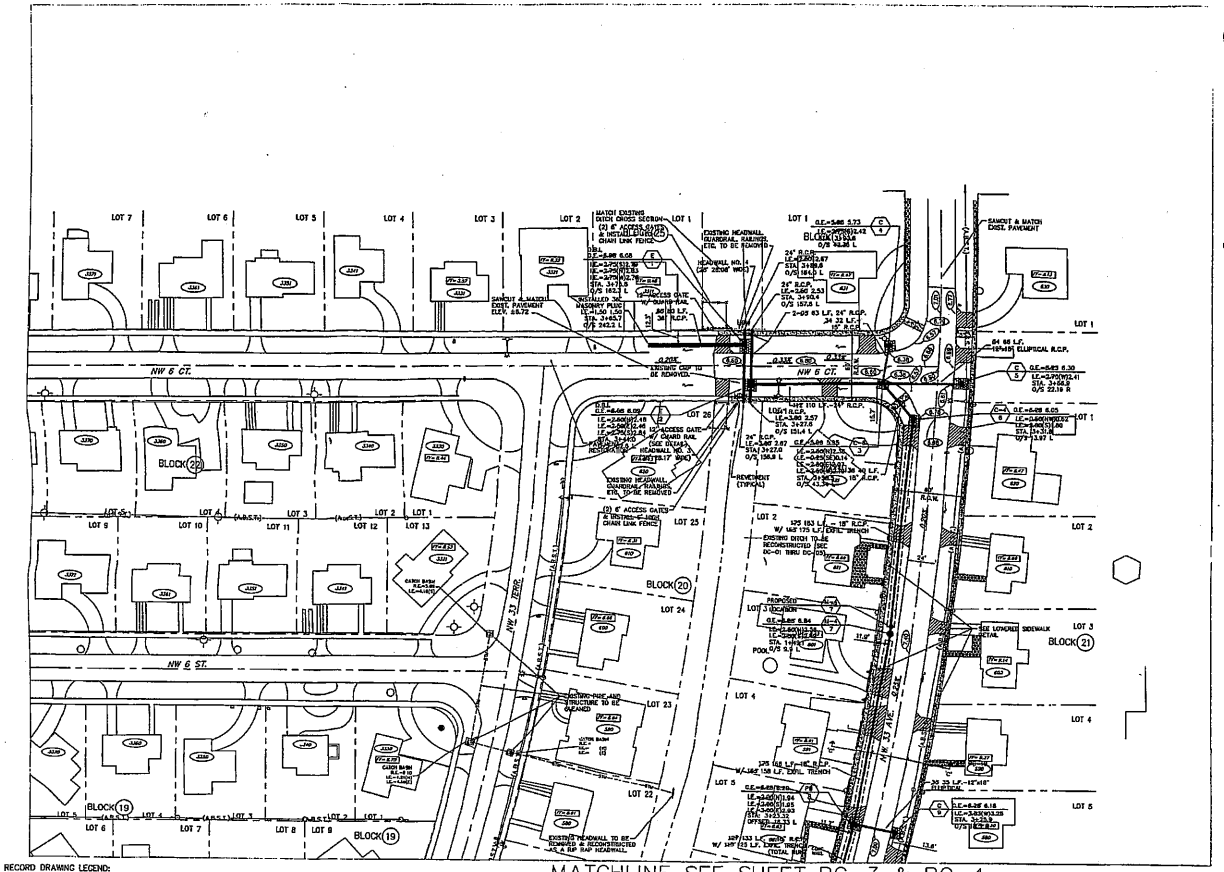
100% SUBMITTAL	18APRIL2001
50% SUBMITTAL	06FEBRUARY2001
100% SUBMITTAL	15DECEMBER2000

ENGINEER: PATRICK J. GIBNEY, P.E.
REG. No.: 49428

JAN 26 2006
Patrick J. Gibney
Florida P.E. No. 49428 DATE

SHEET 01 OF 116
C.T.A. PROJECT No.: 95-0085.03

BROWARD COUNTY ENG. DIV. REF. # 010427001



NOTE:

1. NOT ALL EXISTING UTILITIES SHOWN ON PLAN. REFER TO EXISTING CONDITIONS PLANS FOR TYPE & LOCATION OF EXISTING UTILITIES.
2. ALL EXISTING CATCH BASINS & STORM DRAINS LOCATED WITHIN RIGHT-OF-WAY TO BE REMOVED UNLESS OTHERWISE SHOWN. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD PRIOR TO ANY REMOVAL OF ANY DRAINAGE STRUCTURES AND/OR PIPING. BASINS & STORM DRAINS REMOVED SHALL BE BACKFILLED PER BROWARD COUNTY STREET CUTBACK.
3. ALL INTERSECTIONS SHALL HAVE A PAVEMENT RADIUS OF 30 FEET UNLESS OTHERWISE SHOWN.
4. ALL EXISTING SIDEWALK SHOWN HEREON WITHIN R/W, SHALL REMAIN UNLESS OTHERWISE SHOWN.
5. EXISTING FENCES, WALLS, ETC. LOCATED WITHIN RIGHT-OF-WAY SHALL BE RELOCATED TO OWNERS PROPERTY.
6. EXISTING CATCH BASINS LOCATED WITHIN RIGHT-OF-WAY MAY BE CONNECTED TO ADJACENT PROPERTY ROOF DRAINS. IF THIS EXTENSION IS DISCOVERED DURING CONSTRUCTION THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD AND THE CONTRACTOR SHALL NOT REMOVE ANY PIPE OR CATCH BASINS UNLESS AUTHORIZED TO DO SO BY THE ENGINEER OF RECORD.
7. PROVIDE A 2 FOOT LEVELED STRIP OF SOD ALONG BACK OF PROPOSED SIDEWALK TO ELIMINATE EROSION.
8. CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTING & MAINTAINING TEMPORARY RELOCATION/COORDINATION OF EXISTING UTILITIES (WATER & SEWER) & PROPOSED (WATER & SEWER) AS REQUIRED TO FACILITATE PROPOSED INFRASTRUCTURE IMPROVEMENTS.
9. ALL EXISTING PAVEMENT SHALL BE REMOVED AND PROPERLY DISPOSED OF.
10. ALL EXISTING VALVES BOXES, CLEANOUTS, METER BOXES, M.A.S. BOXES, ETC. TO REMAIN SHALL BE ADJUSTED TO FINISH GRADE.

SCALE: 1"=40'

0 20 40 80

KEY MAP
SCALE:NONE

BROWARD COUNTY
FLORIDA

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT BROWARD ESTATES EAST

Revision	Date
30% SUBMITTAL - BROWARD ESTATES EAST	15 DEC. 00
FOR SUBMITTAL - BROWARD ESTATES EAST	01 DEC. 01
90% SUBMITTAL - BROWARD ESTATES EAST	19 JULY 01
REVISE - BROWARD ESTATES EAST	18 JULY 01
1 - BROWARD INTERSECTION PAVING	10 DEC. 01

BROWARD COUNTY PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

☐ PLAN CONSISTENT WITH PLAT REQUIREMENTS

☐ PUBLIC RIGHT OF WAY APPROVAL FOR PAVING, GRADING AND DRAINAGE

BY:_____ DATE:_____

DOES NOT INCLUDE APPROVAL OF PAVEMENT MARKING & SIGNS

PERMIT SET
MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION

MATERIAL
ALL MATERIAL USED AND INSTALLATIONS MADE WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS SHALL BE IN ACCORDANCE WITH THE BROWARD COUNTY ENGINEERING DIVISION "MINIMUM STANDARDS"

NOTICE INSPECTION REQUIRED
24 HOURS PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RIGHT-OF-WAY, CONTACT THE BROWARD COUNTY ENGINEERING DIVISION AT (954) 357-6233 FOR INSPECTION

NOTE
APPROVAL OF THIS PLAN DOES NOT CONSTITUTE A PERMIT FOR CONSTRUCTION. A PERMIT FOR CONSTRUCTION MUST BE OBTAINED FROM THE BROWARD COUNTY ENGINEERING DIVISION PRIOR TO COMMENCING CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY.

CERTIFICATE:
I HEREBY CERTIFY THAT THESE RECORD DRAWINGS HAVE BEEN REVIEWED BY ME OR INDIVIDUAL(S) UNDER MY DIRECT SUPERVISION OR COMPLETENESS AND ACCURACY, AND ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE FIELD WORK FOR THE ABOVE DRAWINGS HAS BEEN DONE BY: CRAVEN THOMPSON & ASSOCIATES, INC.

RICHARD J. HALVERSON, PSM #4739 JAN 26 2005
SIGNATURE PRINT DATE
REGISTERED PROFESSIONAL SURVEYOR & MAPPER

CRAVEN • THOMPSON & ASSOCIATES, INC.

ENGINEERS • PLANNERS • SURVEYORS
3363 N.W. 53rd STREET
FORT LAUDERDALE, FLORIDA 33309
(954) 739-6400
FAX: (954) 739-6409

FLORIDA LICENSED ENGINEERING, SURVEYING & MAPPING BUSINESS No. 271
FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS No. C000114

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RECEIVED
SEP 23 2005

PAVING, GRADING AND DRAINAGE PLAN

Date	15 DEC. 00
Project No	S65-0065.03
Approved By	J.G.
Design By	P.J.G.
Drawn By	S.C.
Sheet No.	19 of 116

PG-01

RECORD DRAWING LEGEND:

NEW AS-BUILT SIDEWALK
EXISTING SIDEWALK
ASPHALT ROAD
CONCRETE DRIVEWAY
ASPHALT DRIVEWAY
CATCH BASIN APRON

STORM BASIN TYPE
STORM BASIN NUMBER
STORM INLET WITH INFILTRATION TRENCH
STORM MAINTENANCE ACCESS STRUCTURE
SPOT ELEVATION
PROPOSED GRADE
TYPE "P" STRUCTURE (ROUND)
TYPE "P" STRUCTURE (SQUARE)
TYPE "D" CURB

(R) RAISED INLET GRATE ON BM (± 0.20 FEET ABOVE FLOW LINE)
G.E.= GRATE ELEVATION
B.E.= BM ELEVATION
I.E.= INVERT ELEVATION
L.F. LINEAR FOOTAGE OF PIPE
D.F. DRAINAGE FLOW
D.S. DRAINAGE STRUCTURE
D.P. DRAINAGE PIPE
D.B.I. DITCH BOTTOM INLET
(A) INDICATES DRIVEWAY CONSTRUCTED PER TYPE 'A' DRIVEWAY DETAIL

RECORD PLAN AND AS-BUILT SURVEY

THIS RECORD DRAWING (OR RECORD SPECIFICATION) HAS BEEN PREPARED BASED UPON INFORMATION FURNISHED IN PART BY OWNER, WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, LANDO CONSTRUCTION CO., FLORIDA CANNOT ASSUME ITS ACCURACY AND IS THEREFORE NOT RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DRAWING (OR RECORD SPECIFICATION) THAT SPECIFICALLY PERTAINS TO THE AVERAGE-TO-THE AS-BUILT SURVEY DRAWINGS OR FOR ANY ERROR OR OMISSION WHICH MAY HAVE BEEN INCORPORATED INTO IT AS A RESULT. THOSE RELYING ON THIS RECORD DRAWING ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE APPLYING IT FOR ANY PURPOSE. AS-BUILT SURVEY INFORMATION SHOWN ON THIS DRAWING IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

9-26-05

RICHARD J. HALVERSON, P.S.M.
FLORIDA REGISTRATION NO. 5040
LANDO CONSTRUCTION COMPANY, FLORIDA, L&P3329
125 S.E. 5th COURT
DEERFIELD BEACH, FLORIDA 33441
(954) 979-0802 (954) 979-9867 FAX

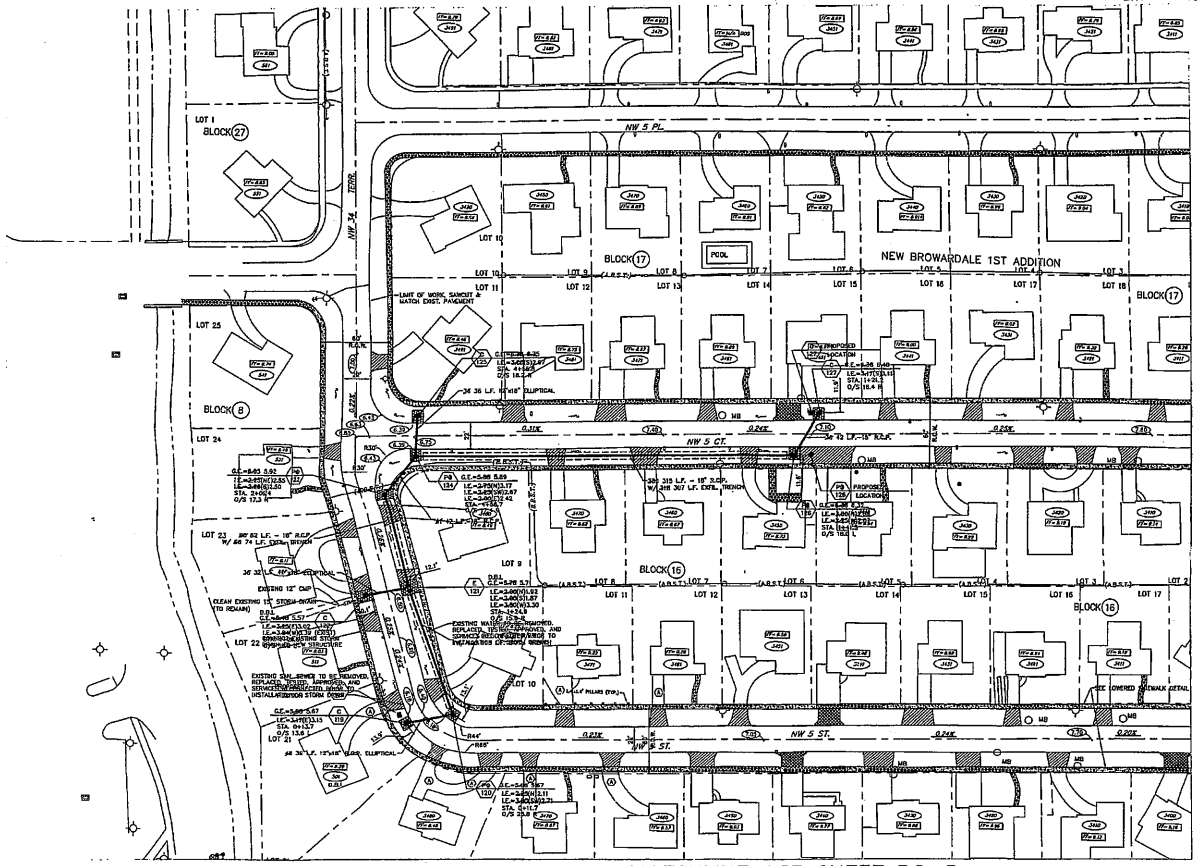
SURVEYOR'S NOTES:

1. UNLESS IT BEARS THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER THIS DRAWING, SKETCH, PLAT OR MAP IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID
2. DATUM:
   HORIZONTAL: N.A.D. 1983 (90), COORDINATE SYSTEM
   VERTICAL: N.G.V.D. 29
3. BM: R.C.B.M. #3076, ELEV. 11.00'
4. SIGNED AND SEALED "RECORD PLANS AND SPECIFICATIONS" OF AS-BUILT PLANS FOR "BROWARD ESTATES EAST, BID PACKAGE NO. 7" R.C.O.E.S. #1149 & #1530 DATED 12/15/00 BY CRAVEN THOMPSON & ASSOCIATES, INC., 3363 N.W. 53rd STREET, FORT LAUDERDALE, FLORIDA 33309 AND ROBERT G. WALTON, P.E. ASSOCIATES, INC., 2887 COLLEGE TRAIL, SUITE 8, NAPLES, FLORIDA 34112, SO EXIST.

EXISTING LEGEND:

SIAMESE CONNECTION
FIRE HYDRANT ASSEMBLY
WATER GATE VALVE
WATER METER
DOUBLE WATER METER
POWER POLE
POLE ANCHOR
DRAINAGE INLET
SANITARY SEWER MAINTENANCE ACCESS STRUCTURE
LIGHT POLE
SOUTHERN BELL MAINTENANCE ACCESS STRUCTURE
ELECTRICAL BOX
TRAFFIC SIGNAL BOX
GAS MARK
GAS MAINT. ACCESS STRUCTURE
TELEPHONE BOX
MONITORING WELL
FPL FLORIDA POWER & LIGHT
(A.B.S.T.) AERIAL BELL SOUTH TELEPHONE
(B.B.S.T.) BURIED BELL SOUTH TELEPHONE
SAN SANITARY SEWER
GAS GAS MAIN
STM STORM SEWER
WM WATER MAIN
FM FORCE MAIN
BE BURIED ELECTRIC
TO BE REMOVED
TO BE ABANDONED
B-6 BLOCK NUMBER
L-30 LOT NUMBER
(123) ADDRESS
F.F.=34.53' FINISH FLOOR ELEVATION

BROWARD COUNTY ENG. DIV. REF. # 010427001



MATCHLINE SEE SHEET PG-3

NOTE:

1. NOT ALL EXISTING UTILITIES SHOWN ON PLAN. REFER TO EXISTING CONDITIONS PLANS FOR TYPE & LOCATION OF EXISTING UTILITIES.
2. ALL EXISTING CATCH BASINS & STORM DRAINS LOCATED WITHIN RIGHT-OF-WAY TO BE REMOVED UNLESS OTHERWISE SHOWN. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD PRIOR TO ANY REMOVAL OF ANY DRAINAGE STRUCTURES AND/OR PIPES. BASINS & STORM DRAINS REMOVED SHALL BE BACKFILLED PER BROWARD COUNTY SPECIFICATIONS.
3. ALL INTERSECTIONS SHALL HAVE A PAVEMENT RADIUS OF 30 FEET UNLESS OTHERWISE SHOWN.
4. ALL EXISTING SIDEWALK SHOWN HEREON WITHIN R/W, SHALL REMAIN UNLESS OTHERWISE SHOWN.
5. EXISTING FENCES, WALLS, ETC. LOCATED WITHIN RIGHT-OF-WAY SHALL BE RELOCATED TO OWNERS PROPERTY.
6. EXISTING CATCH BASINS LOCATED WITHIN RIGHT-OF-WAY MAY BE CONNECTED TO ADJACENT PROPERTY ROOF DRAINS. IF THIS DIVERSION IS DISCOVERED DURING CONSTRUCTION THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD AND THE CONTRACTOR SHALL NOT REMOVE ANY PIPE OR CATCH BASINS UNLESS AUTHORIZED TO DO SO BY THE ENGINEER OF RECORD.
7. PROVIDE A 2 FOOT LEVELED STRIP OF SOD ALONG BACK OF PROPOSED SIDEWALK TO ELIMINATE ERODAL.
8. CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTING & MAINTAINING TEMPORARY RELOCATION/COORDINATION OF EXISTING UTILITIES (WATER & SEWER) & PROPOSED (WATER & SEWER) AS REQUIRED TO FACILITATE PROPOSED INFRASTRUCTURE IMPROVEMENTS.
9. ALL EXISTING PAVEMENT SH-01 BE REMOVED AND PROPERLY DISPOSED OF.
10. ALL EXISTING VALVE BOXES, CLEANOUTS, METER BOXES, W.A.S. R/W.A. ETC. TO REMAIN SHALL BE ADJUSTED TO FINISH GRADE.

BROWARD COUNTY PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

☐ PLAN CONSISTENT WITH PLAT REQUIREMENTS

☐ PUBLIC RIGHT OF WAY APPROVAL FOR PAVING, GRADING AND DRAINAGE

BY: _____ DATE: _____

DOES NOT INCLUDE APPROVAL OF PAVEMENT MARKING & SIGNS

DEBRIS SET
MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION MATERIAL
ALL MATERIAL USED AND INSTALLATIONS MADE WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS SHALL BE IN ACCORDANCE WITH THE BROWARD COUNTY ENGINEERING DIVISION "MINIMUM STANDARDS"

NOTICE INSPECTION REQUIRED
24 HOURS PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RIGHT-OF-WAY, CONTACT THE BROWARD COUNTY ENGINEERING DIVISION AT (954) 357-6233 FOR INSPECTION
NOTE:
APPROVAL OF THIS PLAN DOES NOT CONSTITUTE A PERMIT FOR CONSTRUCTION. A PERMIT FOR CONSTRUCTION MUST BE OBTAINED FROM THE BROWARD COUNTY ENGINEERING DIVISION PRIOR TO COMMENCING CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY.

SCALE: 1"=40'
0 20 40 80

KEY MAP
SCALE: NONE

BROWARD COUNTY
LEGACY

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT
BROWARD ESTATES EAST

Revision	Date
NW SCHUTTA – BROWARD ESTATES EAST (S. 1/2 OF NW SCHUTTA) – BROWARD ESTATES EAST (TOL 01)	
NW SCHUTTA – BROWARD ESTATES EAST APRIL 07	
NW5CT – BROWARD ESTATES EAST	15 JAN 08

CERTIFICATE

I HEREBY CERTIFY THAT THESE RECORD DRAWINGS ARE THE FACILITIES HAVE BEEN PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE FIELD WORK FOR THE AS-BUILT DRAWINGS HAS BEEN DONE BY: RICHARDT.

HALVERSON 0514 8757

JAN 2 5 2006

Richard T. Halverson, P.E. No. 49428 — DATE

CRAVEN • THOMPSON & ASSOCIATES, INC.

ENGINEERS • PLANNERS • SURVEYORS
2363 N.W. 53rd STREET
FORT LAUDERDALE, FLORIDA 33309
PHONE (954) 736-8400
FAX: (954) 734-8109

FLORIDA LICENSED ENGINEERING, SURVEYING & MAPPING BUSINESS No. 271
FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS No. C000114

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PAVING, GRADING AND DRAINAGE PLAN

RECEIVED
SEP 2 3 2005

Date 15 DEC. 00
Project No95-0065.03
Approved By:J.G.
Design By P.J.C.
Drawn By S.C.
Sheet No.20 116 of

PG-02

RECORD DRAWING LEGEND:

NEW AS-BUILT SIDEWALK	STORM BASIN TYPE
EXISTING SIDEWALK	STORM BASIN NUMBER
ASPHALT ROAD	STORM INLET WITH EXTENSION TRENCH
CONCRETE DRIVEWAY	STORM MAINTENANCE ACCESS STRUCTURE
ASPHALT DRIVEWAY	SPOT ELEVATION
CATCH BASIN APRON	PROPOSED GRADE
	TYPE "P" STRUCTURE (ROUND)
	TYPE "S" STRUCTURE (SQUARE)
	TYPE "D" CURB
	RAISED INLET GRATE OR RIM (+ 0.20 FEET ABOVE FLOW LINE)
	GRATE ELEVATION
	RIM ELEVATION
	INVERT ELEVATION
	LINEAR FOOTAGE OF PIPE
	DRAINAGE FLOW
	DRAINAGE STRUCTURE
	DRAINAGE PIPE
	DITCH BOTTOM INLET
	INDICATES DRIVEWAY CONSTRUCTED PER TYPE 'A' DRIVEWAY DETAIL

RECORD PLAN AND AS-BUILT SURVEY

THIS RECORD DRAWING (OR RECORD SPECIFICATIONS) HAS BEEN PREPARED BASED UPON INFORMATION FURNISHED IN PART BY OTHERS. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, LAMCO CONSTRUCTION CO., FLORIDA CANNOT ASSUME ITS ACCURACY AND IS THEREFORE NOT RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DRAWING (OR RECORD SPECIFICATION) THAT SPECIFICALLY PERTAINS TO THE AVIRON-TULTON AS-BUILT SURVEY (FURNISHED ON FOR ANY EVENT OR OMISSION WHICH MAY HAVE BEEN INCORPORATED INTO IT AS A RESULT. THOSE RELYING ON IT ARE ADVISED TO VERIFY THE LOCATION OF DRAIN UNDERGROUND UTILITIES ON IT FOR ACCURACY BEFORE ADVISING IT FOR ANY PURPOSE.
THE AS-BUILT SURVEY INFORMATION SHOWN ON THIS DRAWING IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

8-25-05

RICHARD J. HALVERSON, P.S.M.
FLORIDA REGISTRATION NO. 5340
LAMCO CONSTRUCTION COMPANY, FLORIDA, LB17329
120 S.E. 5th COURT
DEERFIELD BEACH, FLORIDA 33441
(954) 578-0802 (954) 578-1897 FAX

SURVEYOR'S NOTES:

1. UNLESS IT BEARS THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER THIS DRAWING, SKETCH, PLAT OR MAP IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID
2. DATUM:
HORIZONTAL: N.A.D. 1983 (90). COORDINATE SYSTEM
VERTICAL: N.G.V.D. 29
3. BM: B.C.B.M. 230TN, ELEV. 11.667
4. SIGNED AND SEALED "RECORD PLANS AND SPECIFICATIONS" OF AS-BUILT PLANS FOR "BROWARD ESTATES EAST, 3RD PARCAGE NO. 1" B.C.C.E.S. #1149 & #1206, DATED FEBRUARY 28, 2003, BY CHARLES E. TOLTON, P.S.M., FLORIDA REGISTRATION NO. 4365, AVIRON-TOLTON & ASSOCIATES, INC., 2857 TAMIAMI TRAIL N., SUITE 9, NAPLES, FLORIDA 34103, DO EXIST.

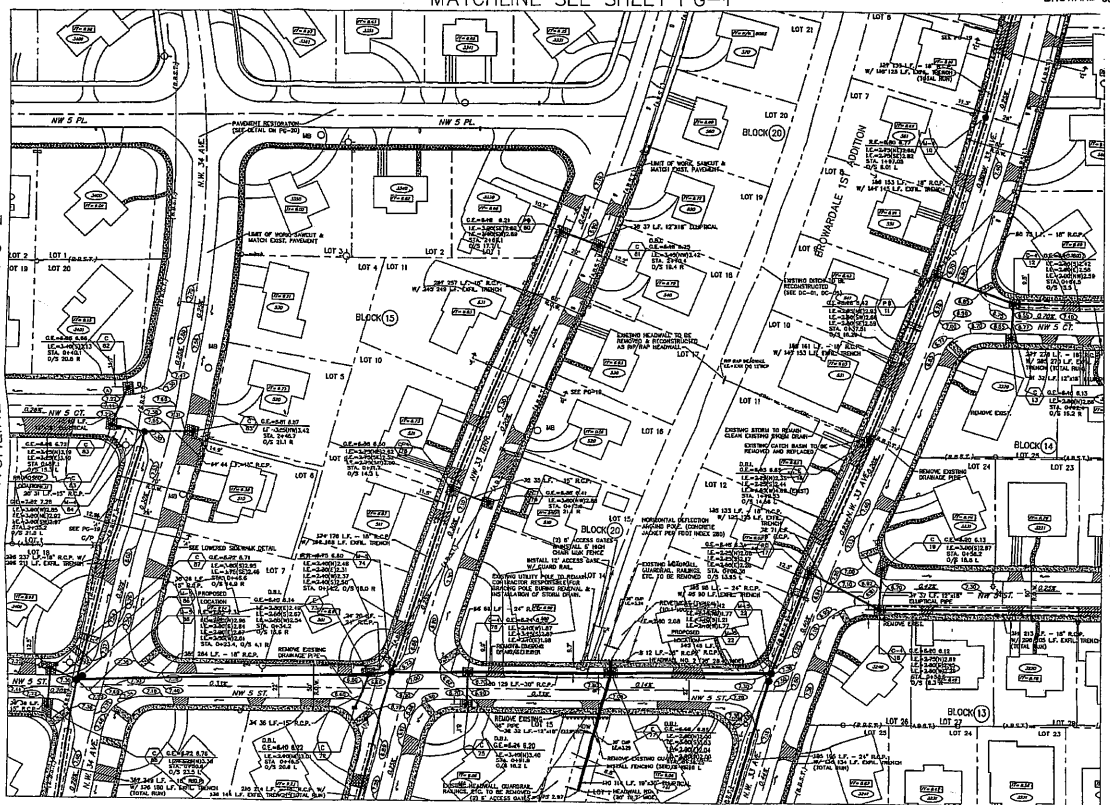
EXISTING LEGEND:

SIAMESE CONNECTION	SOUTHERN BELL MAINTENANCE ACCESS STRUCTURE	SAN	SANITARY SEWER
FIRE HYDRANT ASSEMBLY	ELECTRICAL BOX	GAS	GAS MAIN
WATER GATE VALVE	TRAFFIC SIGNAL BOX	STM	STORM SEWER
WATER METER	GAS MAIN	WM	WATER MAIN
DOUBLE WATER METER	AT&T MAINTENANCE ACCESS STRUCTURE	FM	FORCE MAIN
POWER POLE	TELEPHONE BOX	UE	BURIED ELECTRIC
POLE ANCHOR	MONITORING WELL		TO BE REMOVED
DRAINAGE INLET	FLORIDA POWER & LIGHT		TO BE ABANDONED
SANITARY SEWER MAINTENANCE ACCESS STRUCTURE	AERIAL BELL SOUTH TELEPHONE (A.B.S.T.)	B-8	BLOCK NUMBER
LIGHT POLE	BURIED BELL SOUTH TELEPHONE (B.B.S.T.)	L-20	LOT NUMBER
		100	ADDRESS
		FF=20.00	FINISH FLOOR ELEVATION

MATCHLINE SEE SHEET PG-1

BROWARD COUNTY ENG. DIV. REF. # 010427001

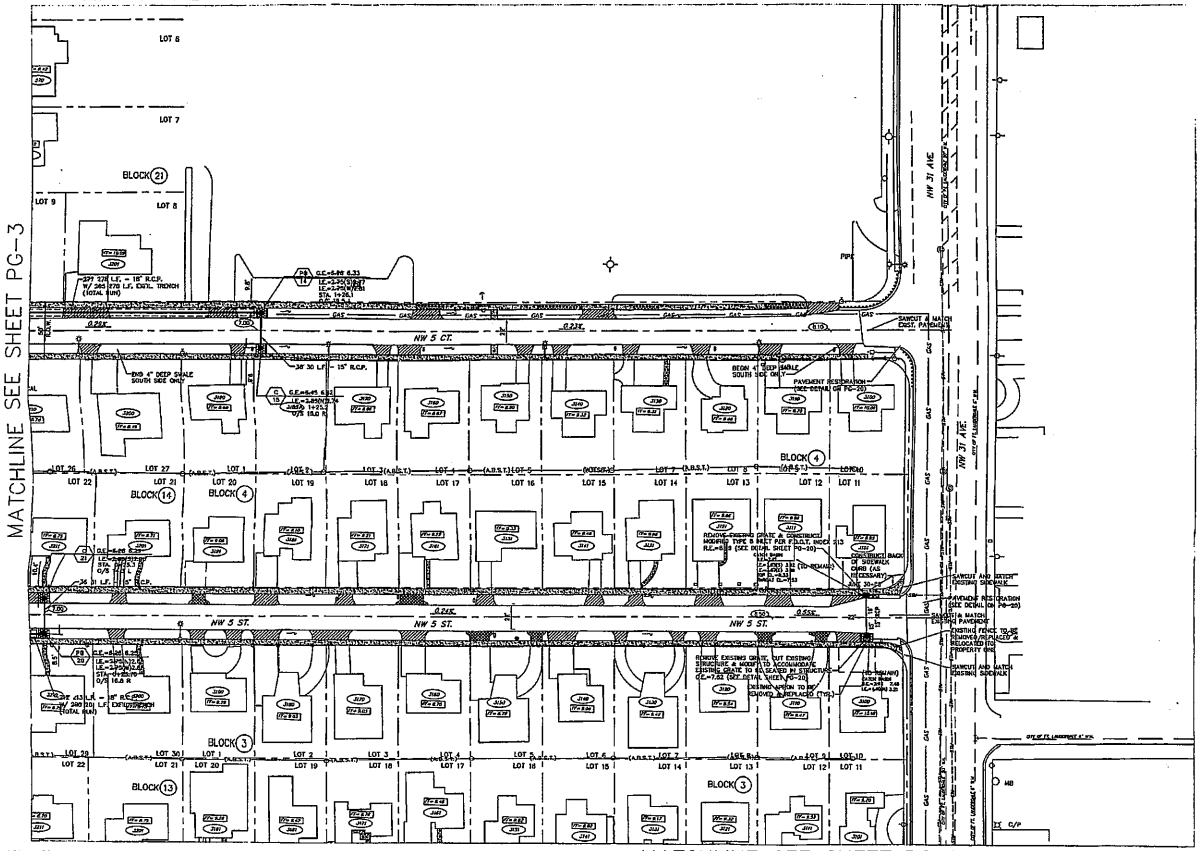
MATCHLINE SEE SHEET PG-2



MATCHLINE SEE SHEET PG-1

BROWARD COUNTY ENG. DIV. RE # 010427001

MATCHLINE SEE SHEET PG-3



MATCHLINE SEE SHEET PG-7

NOTE:

1. NOT ALL EXISTING UTILITIES SHOWN ON PLAN. REFER TO EXISTING CONDITIONS PLANS FOR TYPE & LOCATION OF EXISTING UTILITIES.
2. ALL EXISTING CATCH BASINS & STORM DRAINS LOCATED WITHIN RIGHT-OF-WAY TO BE REMOVED UNLESS OTHERWISE SHOWN. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD PRIOR TO ANY REMOVAL OF ANY DRAINAGE STRUCTURE AND/OR PIPING. BASINS & STORM DRAINS REMOVED SHALL BE BACKFILLED PER BROWARD COUNTY SPECIFICATIONS.
3. ALL INTERSECTIONS SHALL HAVE A PAVEMENT RADIUS OF 30 FEET UNLESS OTHERWISE SHOWN.
4. ALL EXISTING SIDEWALK SHALL REMAIN WITHIN R/W. SHALL REMAIN UNLESS OTHERWISE SHOWN.
5. EXISTING FENCES, WALLS, ETC. LOCATED WITHIN RIGHT-OF-WAY SHALL BE RELOCATED TO OWNERS PROPERTY.
6. EXISTING CATCH BASINS LOCATED WITHIN RIGHT-OF-WAY MAY BE CONNECTED TO ADJACENT PROPERTY ROOF DRAINS. IF THIS SITUATION IS DISCOVERED DURING CONSTRUCTION THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD AND THE CONTRACTOR SHALL NOT REMOVE ANY PIPE OR CATCH BASINS UNLESS AUTHORIZED TO DO SO BY THE ENGINEER OF RECORD.
7. PROVIDE A 3 FOOT LEVELED STRIP OF SOD ALONG BACK OF PROPOSED SIDEWALK TO ELIMINATE EROSION.
8. CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTING & MAINTAINING TEMPORARY RELOCATION/COORDINATION OF EXISTING UTILITIES (WATER & SEWER) & PROPOSED (WATER & SEWER) AS REQUIRED TO FACILITATE PROPOSED INFRASTRUCTURE IMPROVEMENTS.
9. ALL EXISTING PAVEMENT SHALL BE REMOVED AND PROPERLY DISPOSED OF.
10. ALL EXISTING VALVES BOXES, CLEANOUTS, WATER RISERS, M.A.S. BOXES, ETC. TO REMAIN SHALL BE ADJUSTED TO FINISH GRADE.

BROWARD COUNTY PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

☐ PLAN CONSISTENT WITH PLAT REQUIREMENTS

☐ PUBLIC RIGHT OF WAY APPROVAL FOR PAVING, GRADING AND DRAINAGE

BY: _____ DATE: _____

DOES NOT INCLUDE APPROVAL OF PAVEMENT MARKING & SIGNS

PERMIT SET
MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION

MATERIAL
ALL MATERIAL USED AND INSTALLATIONS MADE WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS SHALL BE IN ACCORDANCE WITH THE BROWARD COUNTY ENGINEERING DIVISION "MINIMUM STANDARDS"

NOTICE INSPECTION REQUIRED
24 HOURS PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RIGHT-OF-WAY, CONTACT THE BROWARD COUNTY ENGINEERING DIVISION AT (954) 357-8233 FOR INSPECTION

NOTE
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SCALE: 1"=40'
0 20 40 80

KEY MAP
SCALE:NONE

BROWARD COUNTY
FLORIDA

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT
BROWARD ESTATES EAST

Revision	Date
30% SUBMITTAL - BROWARD ESTATES EAST (3 SEC. 60)	
60% SUBMITTAL - BROWARD ESTATES EAST (SEC. 60)	
90% SUBMITTAL - BROWARD ESTATES EAST (SEC. 60)	
FINAL - BROWARD ESTATES EAST	16 JULY 01
1 - REVISED DRAINAGE INTERSECTION	
CHANGE A 500MM DRAIN	18 DEC. 01

I HEREBY CERTIFY THAT THESE RECORD DRAWINGS FOR THE FACILITY HAVE BEEN PREPARED BY ME OR INDIVIDUAL(S) UNDER MY DIRECT SUPERVISION OR COMPUTERIZED AND ACCURACY AND ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE FIELD WORK FOR THE AS-BUILT DRAWINGS HAS BEEN DONE BY: RICHARD J. HAUVERSEN, P.S.M. #4645

JAN 2 6 2006

PRINCIPAL ENGINEER DATE
RICHARD J. HAUVERSEN, P.S.M.
FLORIDA REG. NO. 4645

CRAVEN * THOMPSON & ASSOCIATES, INC.

ENGINEERS * PLANNERS * SURVEYORS
3243 N.W. 52nd STREET
FORT LAUDERDALE, FLORIDA 33309
PHONE: (954) 739-6400
FAX: (954) 733-9468

FLORIDA LICENSED ENGINEERING, SURVEYING & MAPPING BUSINESS No. 271
FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS No. C000114

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PAVING, GRADING AND DRAINAGE PLAN

RECEIVED
SEP 2 3 2005

Date 15 DEC. 00
Project No95-0065.03
Approved By:J.G.
Design By:P.J.G.
Drawn By: S.C.
Sheet No.22 116 of

PG-04

RECORD DRAWING LEGEND:

NEW AS-BUILT SIDEWALK
EXISTING SIDEWALK
ASPHALT ROAD
CONCRETE DRIVEWAY
ASPHALT DRIVEWAY
CATCH BASIN APRON

STORM BASIN TYPE
STORM BASIN NUMBER
STORM INLET
WITH EXFILTRATION TRENCH
STORM MAINTENANCE ACCESS STRUCTURE
SPOT ELEVATION
PROPOSED GRADE
TYPE "P" STRUCTURE (ROUND)
TYPE "S" STRUCTURE (SQUARE)
TYPE "D" CURB

(R) RAISED INLET GRATE OR BAR (+ 0.25 FEET ABOVE FLOW LINE)
G.E.= GRATE ELEVATION
R.E.= RIM ELEVATION
I.E.= INVERT ELEVATION
L.F. LINEAR FOOTAGE OF PIPE
DRAINAGE FLOW
DRAINAGE STRUCTURE
DRAINAGE PIPE
D.B.I. DITCH BOTTOM INLET
DEDICATED DRIVEWAY CONSTRUCTED PER TYPE "A" DRIVEWAY DETAIL

RECORD PLAN AND AS-BUILT SURVEY

THIS RECORD DRAWING (OR RECORD SPECIFICATION) HAS BEEN PREPARED BASED UPON INFORMATION FURNISHED BY PART BY GENERAL MILLE THIS INFORMATION IS BELIEVED TO BE RELIABLE. LAND CONSTRUCTION CO. FLORIDA CANNOT ASSUME ITS ACCURACY AND IS THEREFORE NOT RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DRAWING (OR RECORD SPECIFICATION) THAT SPECIFICALLY PERTAINS TO THE AMERICAN TITLE AS-BUILT SURVEY (FURNISHED ON FTR ANY OTHER OR RELIANCE ON THIS RECORD DRAWING ARE ADVISED TO RELY ON AS A RESULT THOSE VERIFICATION OF ITS ACCURACY BEFORE APPLYING IT FOR ANY PURPOSE. AS-BUILT SURVEY INFORMATION SHOWN ON THIS DRAWING IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Richard J. Hauversen 8-23-06
RICHARD J. HAUVERSEN, P.S.M.
FLORIDA REGISTRATION NO. 3340
LAND CONSTRUCTION COMPANY, FLORIDA, LB17338
123 S.E. 5th COURT
DEERFIELD BEACH, FLORIDA 33441
(954) 979-6882 (954) 978-8897 FAX

SURVEYOR'S NOTES:

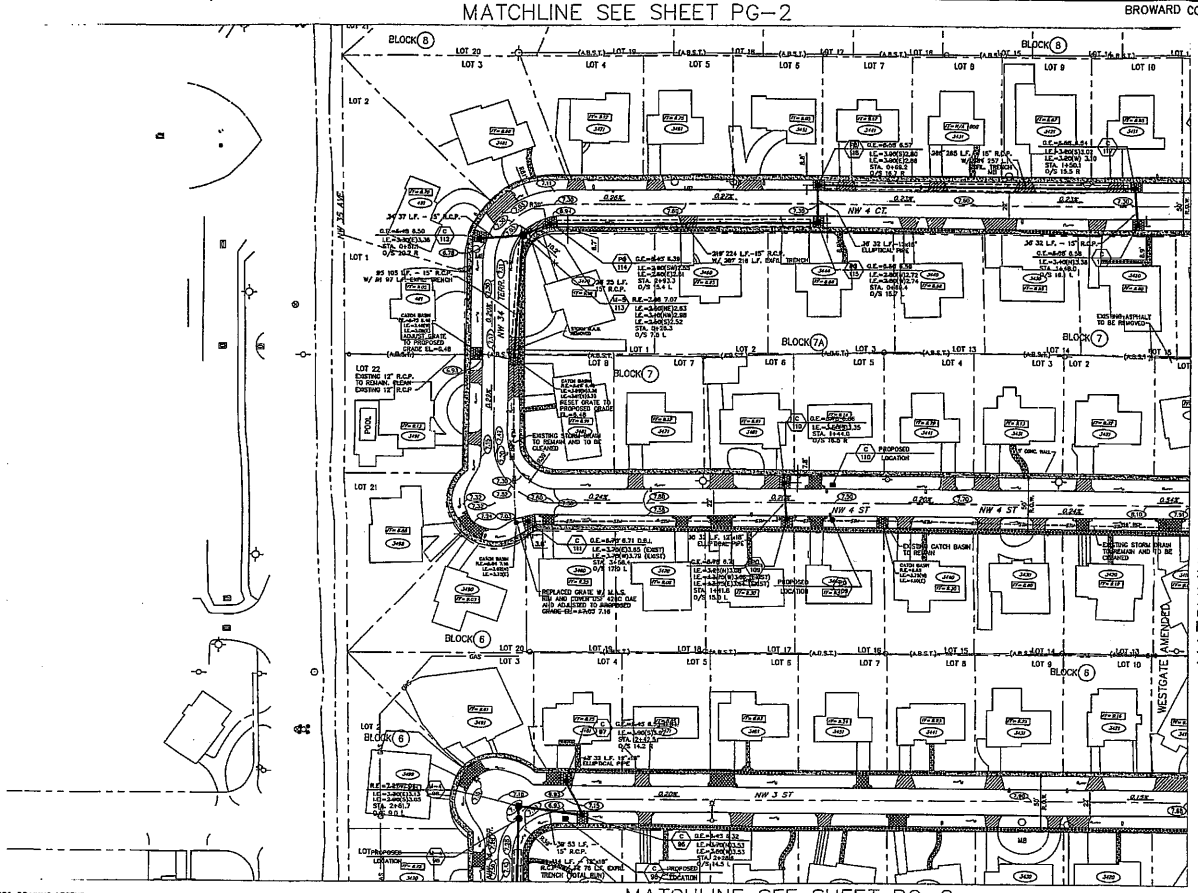
1. UNLESS IT BEARS THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER THIS DRAWING, SKETCH, PLAT OR MAP IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID
2. DATUM:
   HORIZONTAL N.A.D. 1983 (90), COORDINATE SYSTEM
   VERTICAL N.G.V.D. 29
3. BM: B.C.B.M. #3078, ELEV. 11.00'
4. SIGNED AND SEALED "RECORD PLANS AND SPECIFICATIONS" OF AS-BUILT PLANS FOR "BROWARD ESTATES EAST, BID PACKAGE NO. 7" B.C.E.C.S. #1148 & #6336, DATED FEBRUARY 28, 2005, BY CHARLES E. TOLSON, P.S.M., FLORIDA REGISTRATION NO. 4582, AMERICAN-TOLSON & ASSOCIATES, INC., 2587 TAMIAMI TRAIL E., SUITE B, NAPLES, FLORIDA 34112, 941 EAST.

EXISTING LEGEND:

SIAMESE CONNECTION
FIRE HYDRANT ASSEMBLY
WATER GATE VALVE
WATER METER
DOUBLE WATER METER
POWER POLE
POLE ANCHOR
DRAINAGE INLET
SANITARY SEWER MAINTENANCE ACCESS STRUCTURE
LIGHT POLE
MANHOLE WELL MAINTENANCE ACCESS STRUCTURE
ELECTRICAL BOX
TRAFFIC SIGNAL BOX
GAS MAIN
ASAT MAINTENANCE ACCESS STRUCTURE
TELEPHONE BOX
MONITORING WELL
FLORIDA POWER & LIGHT
AERIAL WELL SOUTH TELEPHONE
BURIED WELL SOUTH TELEPHONE
SANITARY SEWER
GAS MAIN
STORM SEWER
WATER MAIN
FORCE MAIN
BURIED ELECTRIC
TO BE REMOVED
TO BE ABANDONED
BLOCK NUMBER
LOT NUMBER
ADDRESS
FINISH FLOOR ELEVATION

MATCHLINE SEE SHEET PG-2

BROWARD COUNTY ENG. DIV. REF. # 010427001



MATCHLINE SEE SHEET PG-8

MATCHLINE SEE SHEET PG-6

NOTE:

1. NOT ALL EXISTING UTILITIES SHOWN ON PLAN. REFER TO EXISTING CONDITIONS PLANS FOR TYPE & LOCATION OF EXISTING UTILITIES.
2. ALL EXISTING CATCH BASINS & STORM DRAINS LOCATED WITHIN RIGHT-OF-WAY TO BE REMOVED UNLESS OTHERWISE SHOWN. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD PRIOR TO ANY REMOVAL OF ANY DRAINAGE STRUCTURES AND/ OR PIPING. BASINS & STORM DRAINS REMOVED SHALL BE BACKFILLED PER BROWARD COUNTY SPECIFICATIONS.
3. ALL INTERSECTIONS SHALL HAVE A PAVEMENT RADIUS OF 30 FEET UNLESS OTHERWISE SHOWN.
4. ALL EXISTING SIDEWALK SHOWN HEREON WITHIN R/W, SHALL REMAIN UNLESS OTHERWISE SHOWN.
5. EXISTING FENCES, WALLS, ETC. LOCATED WITHIN RIGHT-OF-WAY SHALL BE RELOCATED TO OWNERS PROPERTY.
6. EXISTING CATCH BASINS LOCATED WITHIN RIGHT-OF-WAY MAY BE CONNECTED TO ADJACENT PROPERTY ROOF DRAINS, IF THIS SITUATION IS DISCOVERED DURING CONSTRUCTION THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD AND THE CONTRACTOR SHALL NOT REMOVE ANY PIPE OR CATCH BASINS UNLESS AUTHORIZED TO DO SO BY THE ENGINEER OF RECORD.
7. PROVIDE A 2 FOOT LEVELED STRIP OF SOD ALONG BACK OF PROPOSED SIDEWALK TO ELIMINATE EROSION.
8. CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTING & MAINTAINING TEMPORARY RELOCATION/COORDINATION OF EXISTING UTILITIES (WATER & SEWER) & PROPOSED (WATER & SEWER) AS REQUIRED TO FACILITATE PROPOSED INFRASTRUCTURE IMPROVEMENTS.
9. ALL EXISTING PAVEMENT SHALL BE REMOVED AND PROPERLY DISPOSED OF.
10. ALL EXISTING MANHOLES BRICKS, CLEANOUTS, METER BOXES, M.A.S. RING, ETC. TO REMAIN SHALL BE ADJUSTED TO FINISH GRADE.

BROWARD COUNTY PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

☐ PLAN CONSISTENT WITH PLAT REQUIREMENTS

☐ PUBLIC RIGHT OF WAY APPROVAL FOR PAVING, GRADING AND DRAINAGE

BY:_____ DATE:_____

DOES NOT INCLUDE APPROVAL OF PAVEMENT MARKING & SIGNS

PERMIT SET
MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION

MATERIALS
ALL MATERIAL, USED AND INSTALLATIONS MADE WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS SHALL BE IN ACCORDANCE WITH THE BROWARD COUNTY ENGINEERING DIVISION "MINIMUM STANDARDS"

NOTICE INSPECTION REQUIRED
24 HOURS PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RIGHT-OF-WAY, CONTACT THE BROWARD COUNTY ENGINEERING DIVISION AT (954) 357-6233 FOR INSPECTION

NOTE:
APPROVAL OF THIS PLAN DOES NOT CONSTITUTE A PERMIT FOR CONSTRUCTION. A PERMIT FOR CONSTRUCTION MUST BE OBTAINED FROM THE BROWARD COUNTY ENGINEERING DIVISION PRIOR TO COMMENCING CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY.

RECORD DRAWING LEGEND:

- NEW AS-BUILT SIDEWALK
- EXISTING SIDEWALK
- ASPHALT ROAD
- CONCRETE DRIVEWAY
- ASPHALT DRIVEWAY
- CATCH BASIN APRON
- STORM BASIN TYPE
- STORM BASIN NUMBER
- STORM INLET WITH EXFILTRATION TRENCH
- STORM MAINTENANCE ACCESS STRUCTURE
- SPOT ELEVATION
- PROPOSED GRADE
- TYPE "P" STRUCTURE (ROUND)
- TYPE "P" STRUCTURE (SQUARE)
- TYPE "D" GRATE
- (R) RAISED INLET GRATE OR RIM (+ 0.25 FEET ABOVE FLOW LINE)
- G.E.= GRAT ELEVATION
- R.E.= RIM ELEVATION
- I.E.= INVERT ELEVATION
- L.F. LINEAR FOOTAGE OF PIPE
- DRAINAGE FLOW
- DRAINAGE STRUCTURE
- DRAINAGE PIPE
- D.B.L. DITCH BOTTOM INLET
- INDICATES DRIVEWAY CONSTRUCTED PER TYPE "A" DRIVEWAY DETAIL

RECORD PLAN AND AS-BUILT SURVEY

THIS RECORD DRAWING (OR RECORD SPECIFICATION) HAS BEEN PREPARED BASED UPON INFORMATION FURNISHED IN PART BY OTHERS. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE LAND ENGINEERING CO., FLORIDA CANNOT ASSUME IT'S ACCURACY AND IS THEREFORE NOT RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DRAWING (OR RECORD SPECIFICATION) THAT SPECIFICALLY PERTAINS TO THE AMBIGUITIES AS-BUILT SURVEY DIMENSIONS OR FOR ANY ERROR OR OMISSION WHICH MAY HAVE BEEN INCORPORATED INTO IT AS A RESULT. THOSE RELYING ON THIS RECORD DRAWING ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE APPLYING IT FOR ANY PURPOSE. AS-BUILT SURVEY INFORMATION SHOWN ON THIS DRAWING IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

8-25-05
RICHARD J. HALVORSON, P.L.S.
FLORIDA REGISTRATION NO. 5340
LANDS CONSTRUCTION COMPANY, FLORIDA, LB17329
355 S.E. 5th COURT
DEERFIELD BEACH, FLORIDA 33441
(954) 979-0802 (954) 570-0557 FAX

SURVEYOR'S NOTES:

1. UNLESS IT BEARS THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER THIS DRAWING, SKETCH, PLAT OR MAP IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID
2. DATUM:
   HORIZONTAL: N.A.D. 1983 (90), COORDINATE SYSTEM
   VERTICAL: N.G.V.D. 29
3. BM: B.C.R.M. #5878, ELEV. 11.007
4. SIGNED AND SEALED "RECORD PLANS AND SPECIFICATIONS" OF AS-BUILT PLANS FOR THOROUGH ESTATES EAST, SID PACKAGE NO. 7" B.C.O.C.E. #3198 & #3199, DATED, FEBRUARY 20, 2003, BY CHARLES E. GOSS, DATED, FLORIDA REGISTRATION NO. 43651, AVIRON-TOLTON & ASSOCIATES, INC., 3882 TAMIAMI TRAIL E., SUITE 3, NAPLES, FLORIDA, 34112. DO EXIST.

EXISTING LEGEND:

- SIAMESE CONNECTION
- FIRE HYDRANT ASSEMBLY
- WATER GATE VALVE
- WATER METER
- DOUBLE WATER METER
- POWER POLE
- POLE ANCHOR
- DRAINAGE INLET
- SANITARY SEWER MAINTENANCE ACCESS STRUCTURE
- LIGHT POLE
- SOUTHERN BELL MAINTENANCE ACCESS STRUCTURE
- ELECTRICAL BOX
- TRAFFIC SIGNAL BOX
- GAS MAIN
- AT&T MAINTENANCE ACCESS STRUCTURE
- TELEPHONE BOX
- MONITORING WELL
- FPL FLORIDA POWER & LIGHT
- (A.B.S.T.) AERIAL BELL SOUTH TELEPHONE
- (U.B.S.T.) BURIED BELL SOUTH TELEPHONE
- SAN — SANITARY SEWER
- GAS — GAS MAIN
- STM — STORM SEWER
- WM — WATER MAIN
- FM — FORCE MAIN
- BE — BURIED ELECTRIC
- TO BE REMOVED
- TO BE ABANDONED
- B-8 BLOCK NUMBER
- L-20 LOT NUMBER
- 123 ADDRESS
- FF=30.00 FINISH FLOOR ELEVATION

RECEIVED
SEP 23 2005

SCALE: 1"=40'
0 20 40 80

KEY MAP
SCALE: NONE

BROWARD COUNTY
FLORIDA

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT
BROWARD ESTATES EAST

Revision -	Date
90% SUBMITTAL - BROWARD ESTATES EAST	15 DEC. 00
90% SUBMITTAL - BROWARD ESTATES EAST	15 JUL. 01
100% SUBMITTAL - BROWARD ESTATES EAST	APR. 01
REVISE - BROWARD ESTATES EAST	18 JULY 01

CERTIFICATE:
I HEREBY CERTIFY THAT THESE RECORD DRAWINGS OF THE FACILITY HAVE BEEN PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND MANAGEMENT UPON THE INFORMATION PROVIDED TO ME AND ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE FIELD WORK FOR THE AS-BUILT DRAWINGS HAS BEEN DONE BY ME OR UNDER MY DIRECTION.
H.P. LUCZECH, P.E. #18755
JAN 25 2006
SIGNATURE DATE

CRAVEN THOMPSON & ASSOCIATES, INC.
ENGINEERS • PLANNERS • SURVEYORS
2903 N.W. 33rd STREET
FORT LAUDERDALE, FLORIDA 33309
PHONE: (954) 739-6400
FAX: (954) 528-8486

FLORIDA LICENSED ENG. BUSINESS
SURVEYING & MAPPING BUSINESS No. 271
FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS No. C000114

THESE PLANS AND/OR SPECIFICATIONS ARE THE PROPERTY OF CRAVEN THOMPSON & ASSOCIATES, INC. (CTA) AND SHALL NOT BE REPRODUCED IN WHOLE OR IN PART WITHOUT PERMISSION OF CTA. THEY ARE TO BE RETURNED UPON REQUEST OR UPON COMPLETION OF THE PROJECT. REPRODUCED BY CTA FOR BROWARD COUNTY REFERENCE, INC. SEPTEMBER 2, 2005

PAVING, GRADING AND DRAINAGE PLAN

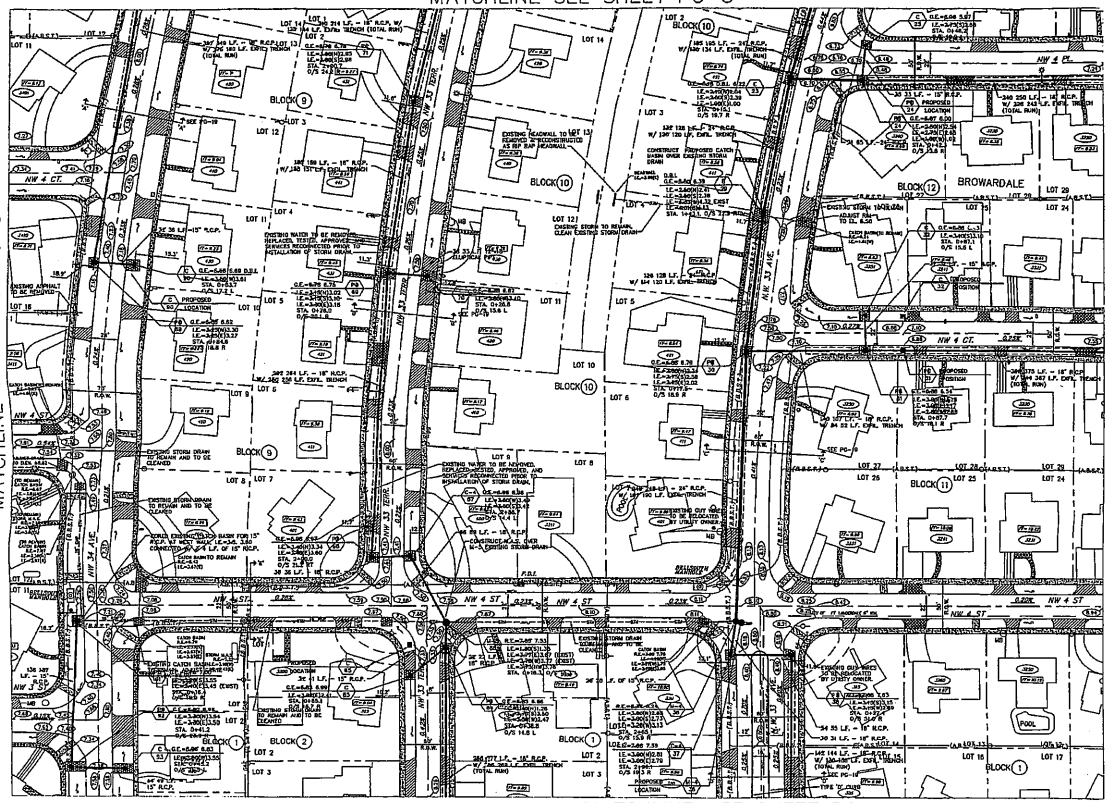
Date 15 DEC. 00
Project No95-0065.03
Approved By:J.C.
Design By P.J.C.
Drawn By S.C.
Sheet No.23 116 of

PG-05

MATCHLINE SEE SHEET PG-3

BROWARD COUNTY ENG. DIV. REF. # 010427001

MATCHLINE SEE SHEET PG-5



MATCHLINE SEE SHEET PG-7

MATCHLINE SEE SHEET PG-9

NOTE:

1. NOT ALL EXISTING UTILITIES SHOWN ON PLAN, REFER TO EXISTING CONTRACTS PLANS FOR TYPE & LOCATION OF EXISTING UTILITIES.
2. ALL EXISTING CATCH BASINS & STORM DRAINS LOCATED WITHIN RIGHT-OF-WAY TO BE REMOVED UNLESS OTHERWISE SHOWN. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD PRIOR TO ANY REMOVAL OF ANY DRAINAGE STRUCTURES (ANY OF BOTH). BLOCKS & STORM DRAINS REMOVED SHALL BE BACKFILLED PER BROWARD COUNTY SPECIFICATIONS.
3. ALL INTERSECTIONS SHALL HAVE A PAVEMENT RADIUS OF 30 FEET UNLESS OTHERWISE SHOWN.
4. ALL EXISTING DRAINAGE SHOWN HEREON WITHIN R/W, SHALL REMAIN UNLESS OTHERWISE SHOWN.
5. EXISTING FENCES, WALLS, ETC. LOCATED WITHIN RIGHT-OF-WAY SHALL BE RELOCATED TO ORIGINAL PROPERTY.
6. EXISTING CATCH BASINS LOCATED WITHIN RIGHT-OF-WAY MAY BE REMOVED, AT THE DISCRETION OF THE CONTRACTOR, IF THE CATCH BASIN IS DISCONNECTED AND PROPERLY PLUGGED. IF THE CATCH BASIN IS NEEDED THE ENGINEER OF RECORD AND THE CONTRACTOR SHALL NOT REMOVE ANY PIPE OR CATCH BASINS UNLESS AUTHORIZED TO DO SO BY THE ENGINEER OF RECORD.
7. PROVIDE A 2 FOOT LOCKED STRIP OF SOD ALONG BACK OF PROPOSED SIDEWALK TO ELIMINATE ERODING.
8. CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTING & MAINTAINING TEMPORARY RELOCATION/COORDINATION OF EXISTING UTILITIES (WATER & SEWER) & PROPOSED (WATER & SEWER) AS REQUIRED TO FACILITATE PROPOSED INFRASTRUCTURE IMPROVEMENTS.
9. ALL EXISTING PAVEMENT SHALL BE REMOVED AND PROPERLY DISPOSED OF.
10. ALL EXISTING VALVES BOXES, CLEANOUTS, METER BOXES, H.A.S. BAKS, ETC. TO REMAIN SHALL BE ADJUSTED TO FINISH GRADE.

BROWARD COUNTY PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

☐ PLAN CONSISTENT WITH PLAT REQUIREMENTS

☐ PUBLIC RIGHT OF WAY APPROVAL FOR PAVING, GRADING AND DRAINAGE

BY: _____ DATE: _____

DOES NOT INCLUDE APPROVAL OF PAVEMENT MARKING & SIGNS

PERMIT SET
MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION

MATERIAL
ALL MATERIAL USED AND INSTALLATIONS MADE WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS SHALL BE IN ACCORDANCE WITH THE BROWARD COUNTY ENGINEERING DIVISION "MINIMUM STANDARDS"

NOTICE INSPECTION REQUIRED
24 HOURS PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RIGHT-OF-WAY, CONTACT THE BROWARD COUNTY ENGINEERING DIVISION AT (954) 357-6233 FOR INSPECTION

ISSUE
APPROVAL OF THIS PLAN DOES NOT CONSTITUTE A PERMIT FOR CONSTRUCTION. A PERMIT FOR CONSTRUCTION MUST BE OBTAINED FROM THE BROWARD COUNTY ENGINEERING DIVISION PRIOR TO COMMENCING CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY.

SCALE: 1"=40'
0 20 40 80

KEY MAP
SCALE NONE

BROWARD COUNTY
FLORIDA

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT
BROWARD ESTATES EAST

Revision	Date
90% SUBMITTAL - BROWARD COUNTY ESTATES SEC. 00	
90% SUBMITTAL - BROWARD ESTATES EAST PHS. 01	
100% SUBMITTAL - BROWARD ESTATES EAST PHSE. 01	
100% - BROWARD ESTATES EAST	15 JULY 05

I HEREBY CERTIFY THAT THE RECORD DRAWINGS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION OR INDIVIDUALLY UNDER MY SUPERVISION AND ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE FIELD WORK FOR THE AS-BUILT DRAWINGS HAS BEEN DONE BY PLS PERSONNEL

J. HALLECK GAU PSM-LS-5233
JAN 2 8 2006
SIGNATURE DATE

CRAVEN THOMPSON & ASSOCIATES, INC.

ENGINEERS • PLANNERS • SURVEYORS
2563 N.W. 62nd STREET
FORT LAUDERDALE, FLORIDA 33309
PHONE: (954) 776-1616
FAX: (954) 776-1626

FLORIDA LICENSED ENGINEERING, SURVEYING & MAPPING BUSINESS No. 271
FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS No. C000214

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RECEIVED
SEP 23 2005

PAVING, GRADING AND DRAINAGE PLAN

Date	15 DEC. 00
Project No.	BS-0005.03
Approved By	J.C.
Design By	P.J.G.
Drawn By	S.C.
Sheet No.	24 116 of

PG-06

RECORD DRAWING LEGEND:

NEW AS-BUILT SIDEWALK
EXISTING SIDEWALK
ASPHALT ROAD
CONCRETE DRIVEWAY
ASPHALT DRIVEWAY
CATCH BASIN APRON

STORM BASIN TYPE
STORM BASIN NUMBER
STORM INLET WITH EXTENSION FRONT
STORM MAINTENANCE ACCESS STRUCTURE
SPOT ELEVATION
PROPOSED GRADE
TYPE "P" STRUCTURE (ROUND)
TYPE "F" STRUCTURE (SQUARE)
TYPE "D" CURB

RAISED INLET GRATE OR RIM (+ 0.20 FEET ABOVE FLOW LINE)
GRADE ELEVATION
RIM ELEVATION
INVERT ELEVATION
LINEAR FOOTAGE OF PIPE
DRAINAGE FLOW
DRAINAGE STRUCTURE
DRAINAGE PIPE
DITCH BOTTOM INLET
BURGHARTS DRIVEWAY CONSTRUCTED PER TYPE 'A' DRIVEWAY DETAIL

RECORD PLAN AND AS-BUILT SURVEY

THIS RECORD DRAWING (OR RECORD SPECIFICATION) HAS BEEN PREPARED BASED ON INFORMATION OBTAINED BY THE UNDERSIGNED. THE UNDERSIGNED IS NOT TO BE HELD RESPONSIBLE, BY ANY PARTY OR PERSON, TO ASSUME ITS ACCURACY AND IS THEREFORE NOT RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DRAWING (OR RECORD SPECIFICATION) THAT SPECIFICALLY PERTAINS TO THE AMBON-DALTON AS-BUILT SURVEY (21,001.00) OR FOR ANY ERROR OR OMISSION WHICH MAY HAVE BEEN INCORPORATED HERE IT AS A RESULT. THOSE RELYING ON THIS RECORD DRAWING ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE APPLYING IT FOR ANY PURPOSE. AS-BUILT SURVEY INFORMATION SHOWN ON THIS DRAWING IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

8-25-05

RICHARD J. ANDERSON, P.E.M.
FLORIDA REGISTRATION NO. 5249
LAND CONSTRUCTION COMPANY, FLORIDA, LB#3326
1000 S.E. 3rd AVE.
DEERFIELD BEACH, FLORIDA 33441
(954) 570-0802 (954) 570-1802 FAX

SURVEYOR'S NOTES:

1. UNLESS IT BEARS THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER THIS DRAWING, SKETCH, PLAT OR MAP IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID.
2. DATUM:
   HORIZONTAL N.A.D. 1983 (90), COORDINATE SYSTEM
   VERTICAL N.G.V.D. 29
3. BAC B.C.B.M. 2007B, ELEV. 11.00'
4. SIGNED AND SEALED "RECORD PLANS AND SPECIFICATIONS" OF AS-BUILT PLANS FOR "BROWARD ESTATES EAST, MD PACKAGE NO. 7" B.C.C.E.S. #1149 & #8530, DATED FEBRUARY 18, 2005, BY CHARLES E. TOLTON, P.E.M., FLORIDA REGISTRATION NO. 45452, AMBON-DALTON & ASSOCIATES, INC., EAST TRADAM TRAIL E., SUITE 3, NAPLES, FLORIDA 34112, DO EXIST.

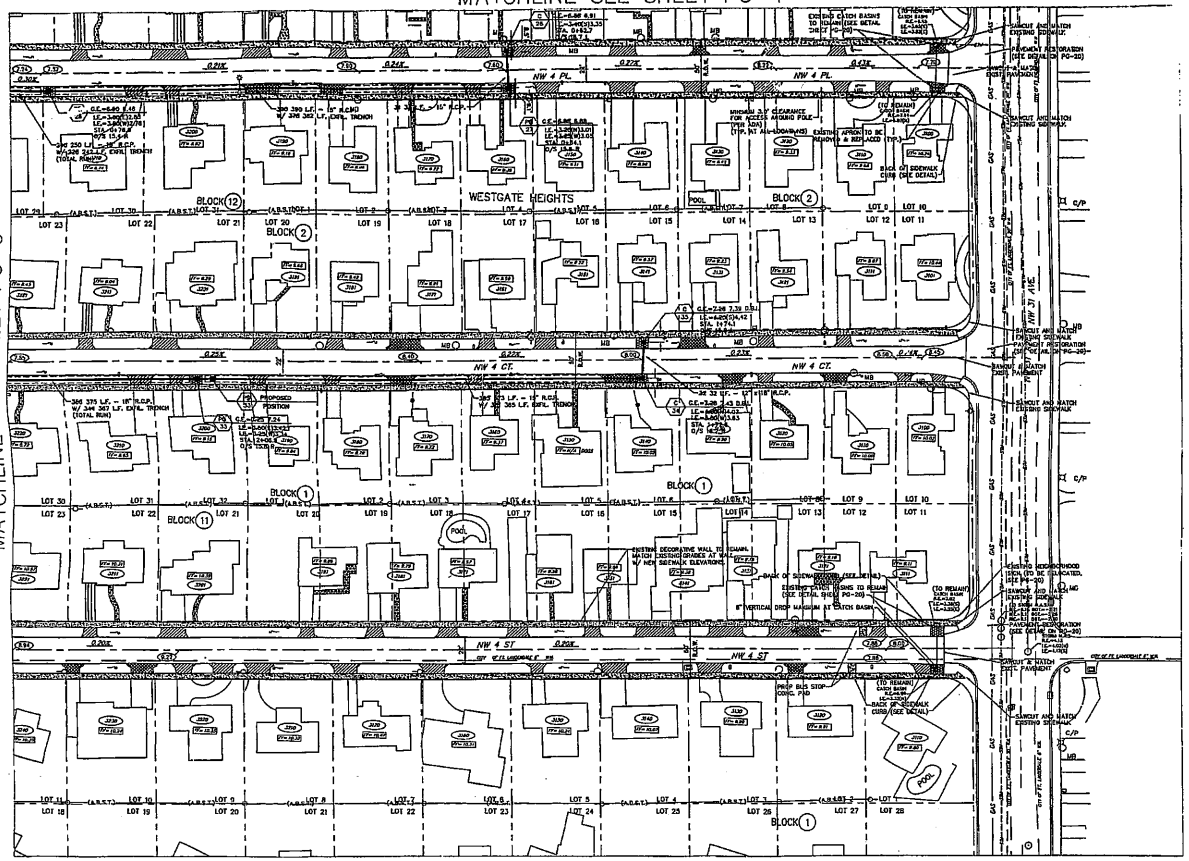
EXISTING LEGEND:

SIAMESE CONNECTION
FIRE HYDRANT ASSEMBLY
WATER GATE VALVE
WATER METER
DOUBLE WATER METER
POWER POLE
POLE ANCHOR
DRAINAGE INLET
SANITARY SEWER MAINTENANCE ACCESS STRUCTURE
LIGHT POLE
SOUTHERN BELL MAINTENANCE ACCESS STRUCTURE
ELECTRICAL BOX
TRAFFIC SIGNAL BOX
GAS VALVE
ADULT MAINTENANCE ACCESS STRUCTURE
TELEPHONE BOX
MONITORING WELL
FLORIDA POWER & LIGHT
AERIAL BELL SOUTH TELEPHONE
BURIED BELL SOUTH TELEPHONE
SANITARY SEWER
GAS MAIN
STORM SEWER
WATER MAIN
FORCE MAIN
BURIED ELECTRIC
TO BE REMOVED
TO BE ABANDONED
BLOCK NUMBER
LOT NUMBER
ADDRESS
FINISH FLOOR ELEVATION

BROWARD COUNTY ENG. DIV. REF. # 010427001

MATCHLINE SEE SHEET PG-4

MATCHLINE SEE SHEET PG-6



MATCHLINE SEE SHEET PG-10

NOTE:

1. MEET ALL EXISTING UTILITIES SHOWN ON PLAN. REFER TO EXISTING CONDITIONS PLANS FOR TYPE & LOCATION OF EXISTING UTILITIES.
2. ALL EXISTING CURBS, DITCHES & STORM DRAINS LOCATED WITHIN RIGHT-OF-WAY TO BE REMOVED UNLESS OTHERWISE SHOWN. THE CONTRACTOR SHALL VERIFY THE DIAMETER OF RECORD SHOWN TO ANY REMOVAL OF ANY DRAINAGE STRUCTURES AND / OR PIPING. BASINS & STORM DRAINS BY - SHALL BE BACKFILLED PER BROWARD COUNTY SPECIFICATIONS
3. ALL INTERSECTIONS SHALL HAVE A PAVEMENT RADIUS OF 30 FEET UNLESS OTHERWISE SHOWN.
4. ALL EXISTING SIDEWALK SHOWN WITHIN MINIM R/W SHALL REMAIN UNLESS OTHERWISE SHOWN.
5. EXISTING FENCES, WALLS, ETC. LOCATED WITHIN RIGHT-OF-WAY SHALL BE RELOCATED TO OWNERS PROPERTY.
6. EXISTING DITCH PLANTS LOCATED WITHIN RIGHT-OF-WAY MAY BE CONNECTED TO ADJACENT PROPERTY ROOF DRAINS. IF THIS SITUATION IS DISCOVERED DURING CONSTRUCTION THE CONTRACTOR SHALL VERIFY THE DIAMETER OF RECORD AND THE CONTRACTOR SHALL NOT REMOVE ANY PIPE OR DITCH BACKFILL UNLESS AUTHORIZED TO DO SO BY THE OWNERS OF RECORD.
7. PROVIDE A 2 FOOT LEVELED STRIP OF SOD ALONG BACK OF PROPOSED SIDEWALK TO EMBANKMENT EROSION.
8. CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTING & MAINTAINING TEMPORARY RELOCATION/COORDINATION OF EXISTING UTILITIES (WATER & SEWER) & PROVIDED DRAINAGE & SEWER) AS REQUIRED TO FACILITATE PROPOSED INFRASTRUCTURE IMPROVEMENTS.
9. ALL EXISTING PAVEMENT SHALL BE REMOVED AND PROPERLY DISPOSED OF.
10. ALL EXISTING VALVES BOXES, CLEANOUTS, METER BOXES, V - MAIL ETC. TO REMAIN SHALL BE ADJUSTED TO FINISH GRADE.

BROWARD COUNTY PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

☐ PLAN CONSISTENT WITH PLAT REQUIREMENTS

☐ PUBLIC RIGHT OF WAY APPROVAL FOR PAVING, GRADING AND DRAINAGE

BY: _____ DATE: _____

DOES NOT INCLUDE APPROVAL OF PAVEMENT MARKING & SIGNS

"AS-BUILT SET"
MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION MATERIAL
[illegible] MATERIAL USED AND INSTALLATIONS [illegible] THE PUBLIC RIGHT-OF-WAY [illegible] GATE SHALL BE IN ACCORDANCE WITH THE BROWARD COUNTY ENGINEERING DIVISION "MINIMUM STANDARDS"

NOTICE INSPECTION REQUIRED
24 HOURS PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RIGHT-OF-WAY, CONTACT THE BROWARD COUNTY ENGINEERING DIVISION AT (954) 357-6233 FOR INSPECTION

NOTE
APPROVAL OF THIS PLAN DOES NOT CONSTITUTE A PERMIT FOR CONSTRUCTION. A PERMIT FOR CONSTRUCTION MUST BE OBTAINED FROM THE BROWARD COUNTY ENGINEERING DIVISION PRIOR TO COMMENCING CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY.

SCALE 1"=40'
0 20 40 80

KEY MAP
SCALE: NONE

BROWARD COUNTY
FLORIDA

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT
BROWARD ESTATES EAST

Revision	Date
30% SUBMITTAL - BROWARD ESTATES PARCEL 00	
REV. SC. & FINAL - BROWARD ESTATES PARCEL 00	15 DEC. 00
100% SUBMITTAL - BROWARD ESTATES EAST APPL. OF PROGRESS - BROWARD ESTATES EAST	16 JULY 01
1 - REVISED WH. & W. INTERSECTION	
GRADING & STORM DRAIN	10 DEC. 01

EXHIBIT A:
I HEREBY CERTIFY THAT THESE RECORD DRAWINGS OF THE FACILITY HAVE BEEN PREPARED BY ME OR IN MY DIRECT SUPERVISION UNDER MY DIRECT SUPERVISION AND THAT TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE FIELD WORK FOR THE ASBUILT DRAWINGS HAS BEEN DONE BY: C.W. PARKER & ASSOC. INC. [illegible]
JAN 2 6 2005

CRAWFORD, MURPHY & TILLY
THOMPSON & ASSOCIATES, INC.

ENGINEERS • PLANNERS • SURVEYORS
2765 N.W. 33rd STREET
FORT LAUDERDALE, FLORIDA 33309
PHONE: (954) 739-6400
FAX: (954) 739-6409

FLORIDA LICENSED ENGINEERING, SURVEYING & MAPPING BUSINESS No. 271
FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS No. C000114

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PAVING, GRADING AND DRAINAGE PLAN

RECEIVED
SEP 2 3 2005

Date 15 DEC. 00
Project No95-0065.03
Approved By J.G.
Design By P.J.G.
Drawn By S.C.
Sheet No.25 116 of

PG-07

RECORD DRAWING LEGEND:

NEW AS-BUILT SIDEWALK
EXISTING SIDEWALK
ASPHALT ROAD
CONCRETE DRIVEWAY
ASPHALT DRIVEWAY
CATCH BASIN APRON

STORM BASIN TYPE
STORM BASIN NUMBER
STORM INLET
NEW EXTENSION TRENCH
STORM MAINTENANCE ACCESS STRUCTURE
SPOT ELEVATION
PROPOSED GRADE
TYPE "P" STRUCTURE (ROUND)
TYPE "P" STRUCTURE (SQUARE)
TYPE 'D' CURB

RAISED INLET GRADE OR RIM (+ 0.30 FEET ABOVE FLOW LINE)
GRADE ELEVATION
BLE ELEVATION
INVERT ELEVATION
LINEAR FOOTAGE OF PIPE
DRAINAGE FLOW
DRAINAGE STRUCTURE
DRAINAGE PIPE
DITCH BOTTOM INLET
INDICATES DRIVEWAY CONSTRUCTED PER TYPE 'A' DRIVEWAY DETAIL

RECORD PLAN AND AS-BUILT SURVEY

THIS RECORD DRAWING (OR RECORD INFORMATION) HAS BEEN PREPARED BASED UPON INFORMATION FURNISHED BY PART OF OTHERS. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, LANDO CONSTRUCTION CO., FLORIDA CANNOT ASSUME IT'S ACCURACY AND IS THEREFORE NOT RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DRAWING (OR RECORD SPECIFICATION) BUT SPECIFICALLY PERTAINS TO THE AMROM-TILTON AS-BUILT SURVEY (TASKFUSE) OR FOR ANY ERROR OR OMISSION WHICH MAY HAVE BEEN INCORPORATED INTO IT AS A RESULT. THOSE RELYING ON THIS RECORD DRAWING ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE APPLYING IT FOR ANY PURPOSE.
I HEREBY CERTIFY THAT THE INFORMATION SHOWN ON THIS DRAWING IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

RICHARD J. MACKESON, P.S.M.
LICENSED SURVEYOR NO. 5240
LAND ENGINEERING COMPANY, FLORIDA, LB#3329
135 S.E. 5th COURT
DEERFIELD BEACH, FLORIDA 33441
(954) 979-0602 (954) 979-8997 FAX

SURVEYOR'S NOTES:

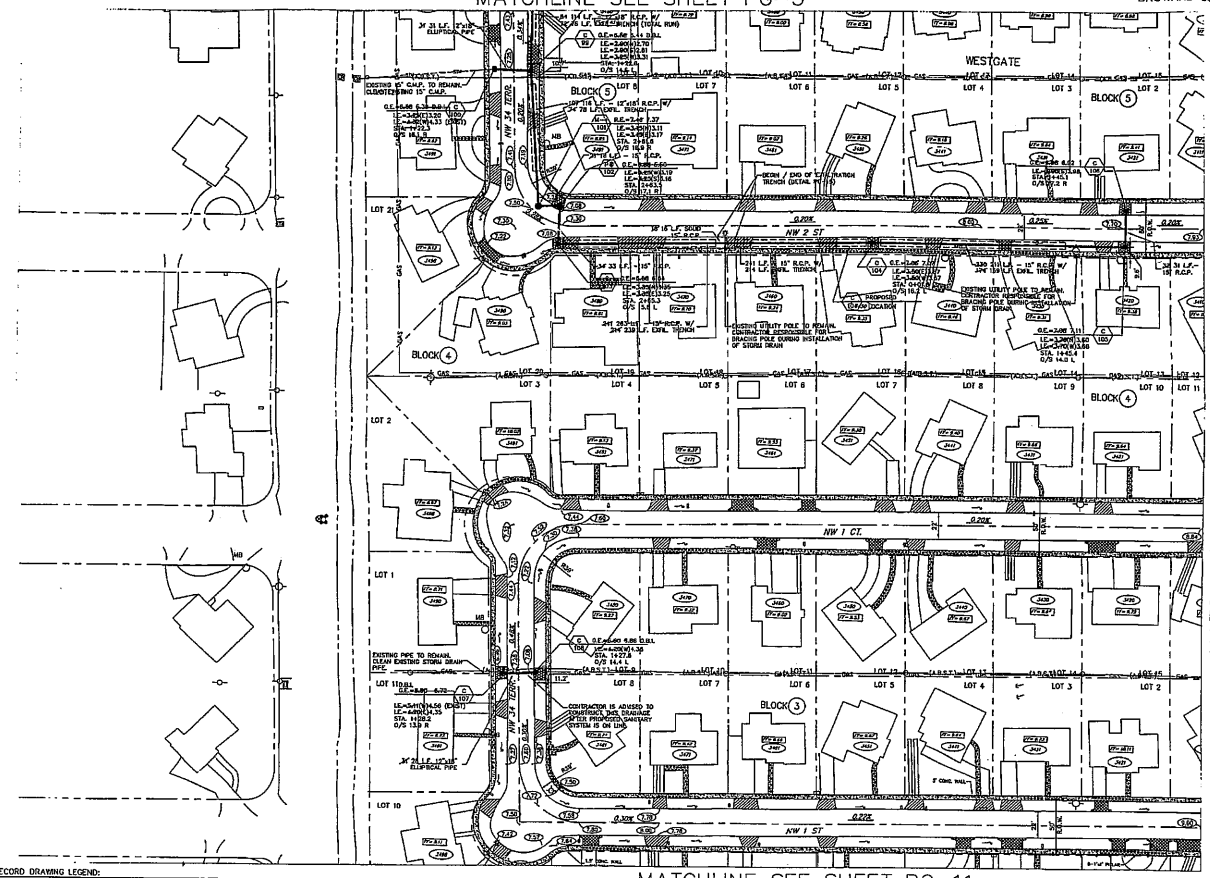
1. UNLESS IT BEARS THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER THIS DRAWING, SKETCH, PLAT OR MAP IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID
2. DATUM:
   HORIZONTAL: N.A.D. 1983 (90), COORDINATE SYSTEM
   VERTICAL: N.G.V.D. 29
3. ON: B.C.B.A. #3078, ELEV. 11.00'
4. SIGNED AND SEALED "RECORD PLANS AND SPECS OF AS-BUILT PLANS FOR "BROWARD ESTATES EAST, [illegible] PACKAGE NO. 7" B.C.E.C.S. #1419 & #8529, DA[illegible] FEBRUARY 28, 2003, BY CHARLES E. TILTON, P.S.M., FLORIDA REGISTRATION NO. 4582, AMROM-TILTON & ASSOCIATES, INC., 5987 TAMIAMI TRAIL E. SUITE 4, NAPLES, FLORIDA 34112, DO EXIST.

EXISTING LEGEND:

SANITARY CONNECTION
FIRE HYDRANT ASSEMBLY
WATER GATE VALVE
WATER METER
DOUBLE WATER METER
POWER POLE
POLE ANCHOR
DRAINAGE INLET
SANITARY SEWER MAINTENANCE ACCESS STRUCTURE
LIGHT POLE
SOUTHERN BELL MAINTENANCE ACCESS STRUCTURE
ELECTRICAL BOX
WATER SIGNAL BOX
GAS MAIN
AT&T MAINTENANCE ACCESS STRUCTURE
TELEPHONE BOX
MONITORING WELL
FPL FLORIDA POWER & LIGHT
(A.B.S.T.) AERIAL BELL SOUTH TELEPHONE
(U.B.S.T.) BURIED BELL SOUTH TELEPHONE
SAN SANITARY SEWER
GAS GAS MAIN
STM STORM SEWER
WM WATER MAIN
FM FORCE MAIN
BE BURIED ELECTRIC
TO BE REMOVED
TO BE ABANDONED
B-8 BLOCK NUMBER
L-30 LOT NUMBER
(55) ADDRESS
FF=10.17 FINISH FLOOR ELEVATION

MATCHLINE SEE SHEET PG-5

BROWARD COUNTY ENG. DIV. REF. # 010427001



MATCHLINE SEE SHEET PG-9

MATCHLINE SEE SHEET PG-11

NOTE:

1. NOT ALL EXISTING UTILITIES SHOWN ON PLAN. REFER TO EXISTING CONDITIONS PLANS FOR TYPE & LOCATION OF EXISTING UTILITIES.
2. ALL EXISTING CATCH BASINS & STORM DRAINS LOCATED WITHIN RIGHT-OF-WAY TO BE REMOVED UNLESS OTHERWISE SHOWN. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD PRIOR TO ANY REMOVAL OF ANY DRAINAGE STRUCTURES AND/ OR PIPING. BASINS & STORM DRAINS REMOVED SHALL BE BACKFILLED PER BROWARD COUNTY SPECIFICATIONS.
3. ALL INTERSECTIONS SHALL HAVE A PAVEMENT RADIUS OF 30 FEET UNLESS OTHERWISE SHOWN.
4. ALL EXISTING SIDEWALK SHOWN HEREON WITHIN R/W. SHALL REMAIN UNLESS OTHERWISE SHOWN.
5. EXISTING FENCES, WALLS, ETC. LOCATED WITHIN RIGHT-OF-WAY SHALL BE RELOCATED TO OWNERS PROPERTY.
6. EXISTING CATCH BASINS LOCATED WITHIN RIGHT-OF-WAY MAY BE CONNECTED TO ADJACENT PROPERTY DROP DRAINS, IF THIS SITUATION IS DISCOVERED DURING CONSTRUCTION THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD AND THE CONTRACTOR SHALL NOT REMOVE ANY PIPE OR CATCH BASINS UNLESS AUTHORIZED TO DO SO BY THE ENGINEER OF RECORD.
7. PROVIDE A 2 FOOT LEVELED STRIP OF SOD ALONG BACK OF PROPOSED SIDEWALK TO ELIMINATE EROSION.
8. CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTING & MAINTAINING TEMPORARY RELOCATION/CONNECTION OF EXISTING UTILITIES (WATER & SEWER) & PROPOSED (WATER & SEWER) AS REQUIRED TO FACILITATE PROPOSED INFRASTRUCTURE IMPROVEMENTS.
9. ALL EXISTING PAVEMENT SHALL BE REMOVED AND PROPERLY DISPOSED OF.
10. ALL EXISTING VALVES BOXES, CLEANOUTS, METER BOXES, M.A.S. RIGS, ETC. TO REMAIN SHALL BE ADJUSTED TO FINISH GRADE.

BROWARD COUNTY PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

☐ PLAN CONSISTENT WITH PLAT REQUIREMENTS

☐ PUBLIC RIGHT OF WAY APPROVAL FOR PAVING, GRADING AND DRAINAGE

BY: _____ DATE: _____

DOES NOT INCLUDE APPROVAL OF PAVEMENT MARKING & SIGNS

PERMIT SET
MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION

MATERIAL
ALL MATERIAL USED AND INSTALLATIONS MADE WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS SHALL BE IN ACCORDANCE WITH THE BROWARD COUNTY ENGINEERING DIVISION "MINIMUM STANDARDS"

NOTICE INSPECTION REQUIRED
24 HOURS PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RIGHT-OF-WAY, CONTACT THE BROWARD COUNTY ENGINEERING DIVISION AT (954) 357-6633 FOR INSPECTION

NOTE
APPROVAL OF THIS PLAN DOES NOT CONSTITUTE A PERMIT FOR CONSTRUCTION. A PERMIT FOR CONSTRUCTION MUST BE OBTAINED FROM THE BROWARD COUNTY ENGINEERING DIVISION PRIOR TO COMMENCING CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY.

RECEIVED
SEP 23 2005

RECORD DRAWING LEGEND:

- NEW AS-BUILT SIDEWALK
- EXISTING SIDEWALK
- ASPHALT ROAD
- CONCRETE DRIVEWAY
- ASPHALT DRIVEWAY
- CATCH BASIN APRON
- STORM BASIN TYPE
- STORM BASIN NUMBER
- STORM INLET WITH EXPLORATION TRENCH
- STORM MAINTENANCE ACCESS STRUCTURE
- SPOT ELEVATION
- PROPOSED GRADE
- TYPE "P" STRUCTURE (ROUND)
- TYPE "V" STRUCTURE (SQUARE)
- TYPE "D" CURB
- RAISED INLET GRATE OR BM (+ 0.20 FEET ABOVE FLOW LINE)
- GRADE ELEVATION
- RIM ELEVATION
- INVERT ELEVATION
- LINEAR FOOTAGE OF PIPE
- DRAINAGE FLOW
- DRAINAGE STRUCTURE
- DRAINAGE PIPE
- DITCH BOTTOM INLET
- HATCHED DRIVEWAY CONSTRUCTED FOR TYPE "A" DRIVEWAY DETAIL

RECORD PLAN AND AS-BUILT SURVEY

THIS RECORD DRAWING (OR RECORD SPECIFICATION) HAS BEEN PREPARED BASED UPON INFORMATION FURNISHED IN PART BY OTHERS. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, LANZO CONSTRUCTION CO., FLORIDA CHANGE ASSUME ITS ACCURACY AND IS THEREFORE NOT RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DRAWING (OR RECORD SPECIFICATION) THAT SPECIFICALLY PERTAINS TO THE AMERI-TILTON AS-BUILT SURVEY (S/OAVLUS) OR FOR ANY ERROR OR OMISSION WHICH MAY HAVE BEEN INCORPORATED INTO IT AS A RESULT. THOSE RELYING ON THIS RECORD DRAWING ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE APPLYING IT FOR ANY PURPOSE. AS-BUILT SURVEY INFORMATION SHOWN ON THIS DRAWING IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

8-25-05

RICHARD J. MATHESON, P.S.M.
FLORIDA REGISTRATION NO. 5340
LANZO CONSTRUCTION COMPANY, FLORIDA, LB#7229
125 S.E. 5th COURT
DEERFIELD BEACH, FLORIDA 33441
(954) 978-6862 (954) 979-5897 FAX

SURVEYOR'S NOTES:

1. UNLESS IT BEARS THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER THIS DRAWING, SPECIAL PLAT OR MAP IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID
2. DATUM:
   HORIZONTAL: N.A.D. 1983 (90), COORDINATE SYSTEM
   VERTICAL: N.G.V.D. 29
3. BM: B.C.D.M. #3078, ELEV. 11.00'
4. SIGNED AND SEALED "RECORD PLANS AND SPECIFICATIONS" OF AS-BUILT PLANS FOR "BROWARD ESTATES EAST, BID PACKAGE NO. 7" B.C.O.E.S. #1140 & #8818, DATED FEBRUARY 20, 2003, BY CHARLES E. TORTICH, P.E.N.J., FLORIDA REGISTRATION NO. 4522, AMERIS-TILTON & ASSOCIATES, INC., 3881 FAIRWAY BLVD. E., SUITE 5, NAPLES, FLORIDA 34112, OR EQUAL.

EXISTING LEGEND:

- SIAMESE CONNECTION
- FIRE HYDRANT ASSEMBLY
- WATER GATE VALVE
- WATER METER
- DOUBLE WATER METER
- POWER POLE
- POLE ANCHOR
- DRAINAGE INLET
- SANITARY SEWER MAINTENANCE ACCESS STRUCTURE
- LIGHT POLE
- SOUTHERN BELL MAINTENANCE ACCESS STRUCTURE
- ELECTRICAL BOX
- TRAFFIC SIGNAL BOX
- GAS MAIN
- AT&T MAINTENANCE ACCESS STRUCTURE
- TELEPHONE BOX
- MONITORING WELL
- FPL FLORIDA POWER & LIGHT
- (A.B.S.T.) AERIAL BELL SOUTH TELEPHONE
- (U.B.S.T.) BURIED BELL SOUTH TELEPHONE
- SAN — SANITARY SEWER
- GAS — GAS MAIN
- STM — STORM SEWER
- WM — WATER MAIN
- FM — FORCE MAIN
- BE — BURIED ELECTRIC
- TO BE REMOVED
- TO BE ABANDONED
- B-6 BLOCK NUMBER
- L-20 LOT NUMBER
- 000 ADDRESS
- FF=24.00 FINISH FLOOR ELEVATION

SCALE: 1"=40'
0 20 40 80

KEY MAP
SCALE:NONE

BROWARD COUNTY
FLORIDA

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT
BROWARD ESTATES EAST

Revision	Date
30% SUBMITTAL – BROWARD ESTATES EAST (S DIV. 08)	
60% SUBMITTAL – BROWARD ESTATES EAST (FOR R/W)	
100% SUBMITTAL – BROWARD ESTATES EAST (APRIL 01)	
REVISE – BROWARD ESTATES EAST	19 JULY 01

I HEREBY CERTIFY THAT THESE RECORD DRAWINGS ARE THE RESULT OF MY OR MY INDIVIDUAL UNDER MY SUPERVISION OR COMPLETENESS AND ACCURACY AND ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE FIELDWORK FOR THE AS-BUILT DRAWINGS HAS BEEN COMPLETED.

S. HOLUBESKY P.E. 47357

JAN 28 2006

CRAVEN THOMPSON & ASSOCIATES, INC.

ENGINEERS • PLANNERS • SURVEYORS
2063 N.W. 53rd STREET
FORT LAUDERDALE, FLORIDA 33309
PHONE (954) 739-6400
FAX (954) 739-6409

FLORIDA LICENSED ENGINEERING, SURVEYING & MAPPING BUSINESS No. 271
FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS No. C000114

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PAVING, GRADING AND DRAINAGE PLAN

Date 15 DEC. 00
Project No:05-0065.03
Approved By:J.G.
Design By:P.J.G.
Drawn By: S.C.
Sheet No.26 116 of

PG-08

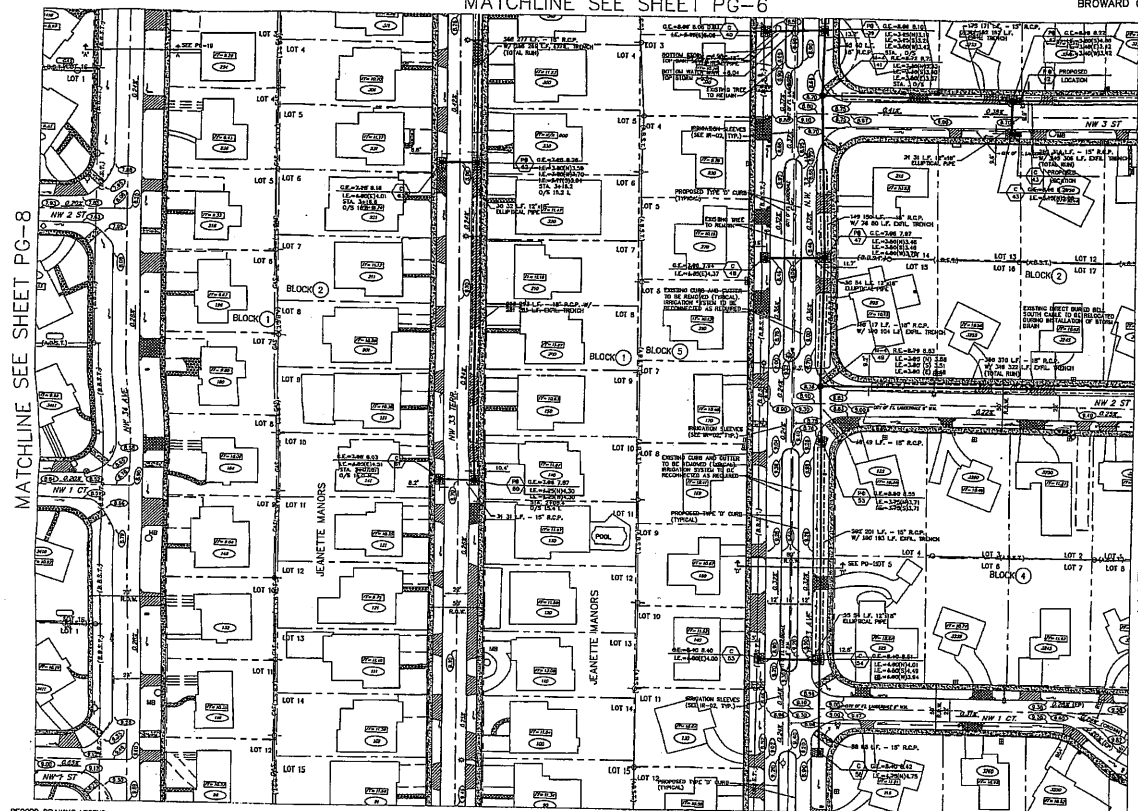
MATCHLINE SEE SHEET PG-6

BROWARD COUNTY ENG. DIV. REF. # 010427001

MATCHLINE SEE SHEET PG-8

MATCHLINE SEE SHEET PG-10

MATCHLINE SEE SHEET PG-12



RECORD PLAN AND AS-BUILT SURVEY

THIS RECORD DRAWING (OR RECORD SPECIFICATION) HAS BEEN PREPARED BASED ON INFORMATION FURNISHED IN PART BY OTHERS. WHILE THIS INFORMATION IS BELIEVED TO BE TRUE AND CORRECT, CRAVEN'S, INC. DOES NOT ASSUME OR ASSURE ITS ACCURACY AND IS NOT RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DRAWING (OR RECORD SPECIFICATION) NOR SPECIFICALLY PERTAINS TO THE AMERICAN-TOLTECA AS-BUILT SURVEY (CLIENT) DATED FEBRUARY 28, 2005. DIMENSIONS SHOWN ARE NOT WORK DATA UNLESS INDICATED NOTE OF AS A RESULT, THOSE RELYING ON THIS RECORD DRAWING ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE APPLYING IT FOR ANY PURPOSE. AS-BUILT SURVEY INFORMATION SHOWN ON THIS DRAWING IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

8-25-05

RICHARD J. HARVERSON, P.S.M.
FLORIDA REGISTRATION NO. 5340
LEGAL DESCRIPTION COMPANY, FLORIDA LB3733
125 S.W. 3RD STREET
DELRAY BEACH, FLORIDA 33444
(954) 278-0822 (954) 278-9857 FAX

SURVEYOR'S NOTES:

1. UNLESS IT BEARS THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER THIS DRAWING, SKETCH, PLAT OR MAP IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID
2. DATUM:
   HORIZONTAL: N.A.D. 1983 (NO) COORDINATE SYSTEM
   VERTICAL: N.G.V.D. 29
3. BAC: B.C.M. #3078, ELEV. 11.09'
4. SIGNED AND SEALED "RECORD PLANS AND SPECIFICATIONS" OF AS-BUILT PLANS FOR "BROWARD ESTATES EAST, SQ PARCHASE NO. 7" B.C.E.P.S. #149 & #03A, DATED FEBRUARY 28, 2005, BY CHARLES E. TOLTON, P.E.M., FLORIDA REGISTRATION NO. 43821, AMERICAN-TOLTECA & ASSOCIATES, 1000 CLINTON PLAZA DRIVE, SUITE A, HOPLEY, FLORIDA 34112, DO EXIST.

RECORD DRAWING LEGEND:

NEW AS-BUILT SIDEWALK
EXISTING SIDEWALK
ASPHALT ROAD
CONCRETE DRIVEWAY
ASPHALT DRIVEWAY
CATCH BASIN APRON

STORM BASIN TYPE
STORM BASIN HEIGHT
STORM INLET
WITH EXPLORATION TRENCH
STORM MAINTENANCE ACCESS STRUCTURE
SPOT ELEVATION
PROPOSED GRADE
TYPE "D" STRUCTURE (ROUND)
TYPE "S" STRUCTURE (SQUARE)
TYPE "D" CURB

(R) RAISED INLET GRATE OR RIM (+ 0.25 FEET ABOVE FLOW LINE)
G.E.= GRATE ELEVATION
R.E.= RIM ELEVATION
I.E.= INVERT ELEVATION
L.F. LINEAR FOOTAGE OF PIPE
DRAINAGE FLOW
DRAINAGE STRUCTURE
DRAINAGE PIPE
D.B.I. DITCH BOTTOM INLET
RUNGATES DRIVEWAY CONSTRUCTED PER TYPE "C" DRIVEWAY DETAIL

EXISTING LEGEND:

SIAMESE CONNECTION
FIRE HYDRANT ASSEMBLY
WATER GATE VALVE
WATER METER
DOUBLE WATER METER
POWER POLE
POLE ANCHOR
DRAINAGE INLET
SANITARY SEWER MAINTENANCE ACCESS STRUCTURE
LIGHT POLE
SOUTHERN BELL MAINTENANCE ACCESS STRUCTURE
ELECTRICAL BOX
TRAFFIC SIGNAL BOX
GAS MAIN
ASBT MAINTENANCE ACCESS STRUCTURE
TELEPHONE BOX
MONITORING WELL
FLORIDA POWER & LIGHT
AERIAL BELL SOUTH TELEPHONE
BURIED BELL SOUTH TELEPHONE
SANITARY SEWER
GAS MAIN
STORM SEWER
WATER MAIN
FORCE MAIN
BURIED ELECTRIC
TO BE REMOVED
TO BE ABANDONED
BLOCK NUMBER
LOT NUMBER
ADDRESS
FINISH FLOOR ELEVATION

NOTE:

1. MEET ALL EXISTING UTILITIES SHOWN ON PLANS. REFER TO EXISTING CONDITIONS PLANS FOR TYPE & LOCATION OF EXISTING UTILITIES.
2. ALL EXISTING CATCH BASINS & STORM DRAINS LOCATED WITHIN RIGHT-OF-WAY TO BE REMOVED UNLESS OTHERWISE SHOWN. CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD PRIOR TO ANY REMOVAL OF ANY DRAINAGE STRUCTURES AND/ OR PIPING. BASINS & STORM DRAINS REMOVED SHALL BE BACKFILLED PER BROWARD COUNTY SPECIFICATIONS.
3. ALL INTERSECTIONS SHALL HAVE A PAVEMENT RADIUS OF 30 FEET UNLESS OTHERWISE SHOWN.
4. ALL EXISTING SIDEWALK SHALL BE REMOVED WITHIN R/W. SHALL REMAIN UNLESS OTHERWISE SHOWN.
5. EXISTING FENCES, WALLS, ETC. LOCATED WITHIN RIGHT-OF-WAY SHALL BE RELOCATED TO OWNERS PROPERTY.
6. EXISTING CATCH BASINS LOCATED WITHIN RIGHT-OF-WAY MAY BE CONNECTED TO BROWARD COUNTY ROAD DRAINS, IF THIS SITUATION IS REFERENCED DURING CONSTRUCTION PLANS. CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD AND THE COUNTY REPRESENTATIVE PRIOR TO ANY PIPE OR CATCH BASINS UNLESS AUTHORIZED TO DO SO BY THE ENGINEER OF RECORD.
7. PROVIDE A 2 FOOT LOADED STRIP OF SOD ALONG BACK OF PROPOSED SIDEWALK TO ELIMINATE ERODING.
8. CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTING & MAINTAINING TEMPORARY RELOCATION/COORDINATION OF EXISTING UTILITIES (WATER & SEWER) & PROPOSED (WATER & SEWER) AS REQUIRED TO FACILITATE PROPOSED INFRASTRUCTURE IMPROVEMENTS.
9. ALL EXISTING PAVEMENT SHALL BE REMOVED AND PROPERLY DISPOSED OF.
10. ALL EXISTING VALVES BOXES, CLEANOUTS, METER BOXES, M.A.S. RIMS, ETC. TO REMAIN SHALL BE ADJUSTED TO FINISH GRADE.

BROWARD COUNTY PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

☐ PLAN CONSISTENT WITH PLAT REQUIREMENTS

☐ PUBLIC RIGHT OF WAY APPROVAL FOR PAVING, GRADING AND DRAINAGE

BY:_____ DATE:_____

DOES NOT INCLUDE APPROVAL OF PAVEMENT MARKING & SIGNS

PERMIT SET
MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION

MATERIAL
ALL MATERIAL USED AND INSTALLATIONS MADE WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS SHALL BE IN ACCORDANCE WITH THE BROWARD COUNTY ENGINEERING DIVISION "MINIMUM STANDARDS"

NOTICE INSPECTION REQUIRED
24 HOURS PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RIGHT-OF-WAY, CONTACT THE BROWARD COUNTY ENGINEERING DIVISION AT (954) 357-6233 FOR INSPECTION

NOTE
APPROVAL OF THIS PLAN DOES NOT CONSTITUTE A PERMIT FOR CONSTRUCTION. A PERMIT FOR CONSTRUCTION MUST BE OBTAINED FROM THE BROWARD COUNTY ENGINEERING DIVISION PRIOR TO COMMENCING CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY.

SCALE: 1"=40'
0 20 40 80

KEY MAP
NTS

BROWARD COUNTY
FLORIDA

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT
BROWARD ESTATES EAST

Revision	Date
30% SUBMITTAL – BROWARD ESTATES EAST	15 DEC. 03
90% SUBMITTAL – BROWARD ESTATES EAST	08 JUNE 04
100% SUBMITTAL – BROWARD ESTATES EAST	08 APRIL 05
BIDDING – BROWARD ESTATES EAST	15 JULY 05
1 – ADD BIDDING SHEETS	18 DEC. 05

I HEREBY CERTIFY THAT THESE RECORD DRAWINGS AND THE RECORD INFORMATION PROVIDED BY ME OR INDIVIDUAL(S) UNDER MY DIRECT SUPERVISION FOR COMPLETENESS AND ACCURACY, AND ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE INFORMATION FOR THE AS-BUILT DRAWINGS HAS BEEN DONE BY: ELIC HANSEN, HALLEGRAS DELIA TEST

JAN 2 6 2006

FLORIDA LICENSED ENGINEER
FLORIDA REG. NO. 46200

CRAVEN'S THOMPSON & ASSOCIATES, INC.

ENGINEERS • PLANNERS • SURVEYORS
3563 N.W. 53rd STREET
FORT LAUDERDALE, FLORIDA 33309
PHONE: (954) 726-8400
FAX: (954) 726-8408

FLORIDA LICENSED ENGINEERING, SURVEYING & MAPPING BUSINESS No. 271
FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS No. C000114

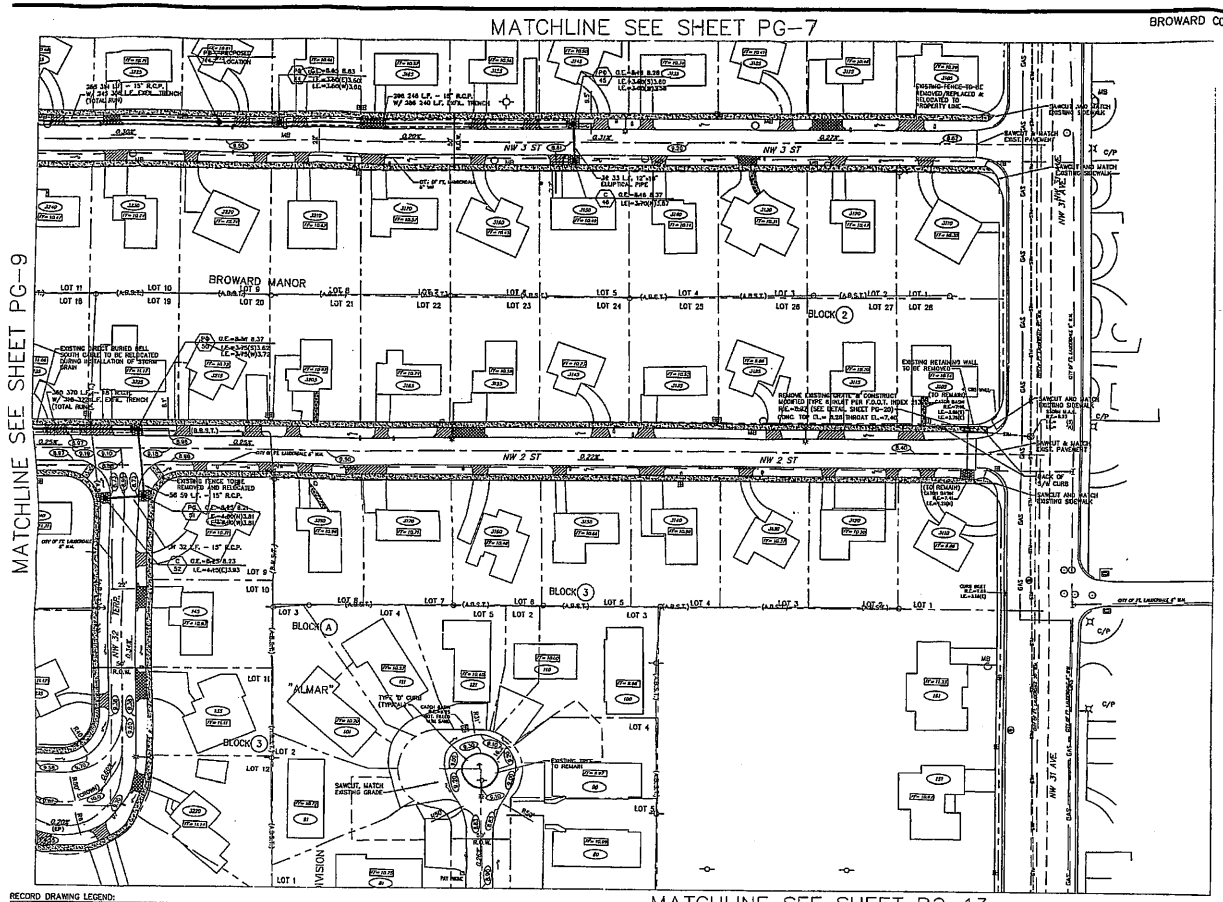
RECEIVED
SEP 2 3 2005

PAVING, GRADING AND DRAINAGE PLAN

Date 15 DEC. 03
Project No95-0065.03
Approved By J.C.
Design By P.J.C.
Drawn By S.C.
Sheet No.27 116 of

PG-09

BROWARD COUNTY ENG. DIV. REF. # 010427001



NOTE:

1. NOT ALL EXISTING UTILITIES SHOWN ON PLAN, REFER TO EXISTING CONDITIONS PLANS FOR TYPE & LOCATION OF EXISTING UTILITIES.
2. ALL EXISTING CATCH BASINS & STORM DRAINS LOCATED WITHIN RIGHT-OF-WAY TO BE REMOVED UNLESS OTHERWISE SHOWN. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD PRIOR TO ANY REMOVAL OF ANY EXISTING CATCH BASINS OR STORM DRAINS. ALL EXISTING STORM DRAINS REMOVED SHALL BE BACKFILLED PER MIAMI-DADE COUNTY STANDARD SPECIFICATIONS.
3. ALL INTERSECTIONS SHALL HAVE A PAVEMENT RADIUS OF 30 FEET UNLESS OTHERWISE SHOWN.
4. ALL EXISTING SIDEWALK SHOWN HEREON WITHIN R/W, SHALL REMAIN UNLESS OTHERWISE SHOWN.
5. EXISTING FENCES, WALLS, ETC. LOCATED WITHIN RIGHT-OF-WAY SHALL BE RELOCATED TO OWNERS PROPERTY.
6. EXISTING CATCH BASINS LOCATED WITHIN RIGHT-OF-WAY MAY BE CONNECTED TO ADJACENT PROPERTY ROOF DRAINS. IF THIS DIVISION IS DISCONNECTED DURING CONSTRUCTION THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD AND THE CONTRACTOR SHALL NOT REMOVE ANY PIPE OR CATCH BASINS UNLESS AUTHORIZED TO DO SO BY THE ENGINEER OF RECORD.
7. PROVIDE A 3 FOOT LENGTH STRIP OF SOD ALONG BACK OF PROPOSED SIDEWALK TO COMPLETE DRAINAGE.
8. CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTING & MAINTAINING TEMPORARY RELOCATION/ACCOMMODATION OF EXISTING UTILITIES (WATER & SEWER) & PROPOSED (WATER & SEWER) AS REQUIRED TO FACILITATE PROPOSED INFRASTRUCTURE IMPROVEMENTS.
9. ALL EXISTING PAVEMENT SHALL BE REMOVED AND PROPERLY DISPOSED OF.
10. ALL EXISTING VALVES BOXES, CLEANOUTS, METER BOXES, H.A.S. RING, ETC. TO REMAIN SHALL BE ADJUSTED TO FINISH GRADE.

BROWARD COUNTY PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

☐ PLAN CONSISTENT
WITH PLAT REQUIREMENTS

☐ PUBLIC RIGHT OF WAY APPROVAL
FOR PAVING, GRADING AND DRAINAGE

BY: _____ DATE: _____

DOES NOT INCLUDE APPROVAL OF PAVEMENT MARKING & SIGNS

PERMIT SET
MUST BE ON SITE AT ALL
TIMES DURING CONSTRUCTION

MATERIALS
ALL MATERIAL USED AND INSTALLATIONS MADE WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS SHALL BE IN ACCORDANCE WITH THE BROWARD COUNTY ENGINEERING DIVISION "MINIMUM STANDARDS"

NOTICE INSPECTION REQUIRED
24 HOURS PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RIGHT-OF-WAY, CONTACT THE BROWARD COUNTY ENGINEERING DIVISION AT (954) 357-6233 FOR INSPECTION

APPROVAL OF THIS PLAN DOES NOT CONSTITUTE A PERMIT FOR CONSTRUCTION. A PERMIT FOR CONSTRUCTION MUST BE OBTAINED FROM THE BROWARD COUNTY ENGINEERING DIVISION PRIOR TO COMMENCING CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY.

SCALE: 1"=40'
0 20 40 80

KEY MAP
SCALE: NONE

BROWARD COUNTY
FLORIDA

BROWARD COUNTY OFFICE
OF
ENVIRONMENTAL SERVICES

CENTRAL COUNTY
NEIGHBORHOOD
IMPROVEMENT PROJECT
BROWARD ESTATES
EAST

Revision	Date
90% SUBMITTAL – BROWARD ESTATES EAST/S. DR.	
60% SUBMITTAL – BROWARD ESTATES EAST/FIRE DT.	
100% SUBMITTAL – BROWARD ESTATES EAST/NW 2ND ST.	
BROWARD – BROWARD ESTATES EAST	15 DAY OF
1 – REVISED NW 2ND AVE INTERSECTION.	
DRAINAGE & STORM DRAINS	10 DEC. 00

CERTIFICATE:
I HEREBY CERTIFY THAT THESE RECORDED DRAWINGS [illegible] THE FACILITY [illegible] PREPARED BY ME OR [illegible] INDIVIDUAL(S) UNDER MY DIRECT SUPERVISION OR COMPETENCES AND ADEQUACY, AND ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE FIELD WORK FOR THE AS-BUILT DRAWINGS HAS BEEN DONE BY [illegible]
HALUEBECU, POLIN TOM
JAN 2 6 2005
PHOTO STATIC

CRAVEN • THOMPSON
& ASSOCIATES, INC.

ENGINEERS • PLANNERS • SURVEYORS
3183 N.W. 53rd STREET
FORT LAUDERDALE, FLORIDA 33309
PHONE: (954) 536-5400
FAX: (954) 730-8400

FLORIDA LICENSED ENGINEERING, SURVEYING & MAPPING BUSINESS No. 271
FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS No. C000114

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PAVING, GRADING
AND DRAINAGE
PLAN

RECEIVED
SEP 23 2005

Date 15 DEC 00
Project No:95-0065.03
Approved By:I.C.
Design By:P.J.C.
Drawn By: S.C.
Sheet No:28 116 of

PG-10

RECORD DRAWING LEGEND:

- NEW AS-BUILT SIDEWALK
- EXISTING SIDEWALK
- ASPHALT ROAD
- CONCRETE DRIVEWAY
- ASPHALT DRIVEWAY
- CATCH BASIN APRON
- STORM BASIN TYPE
- STORM BASIN NUMBER
- STORM INLET WITH EXFILTRATION TRENCH
- STORM MAINTENANCE ACCESS STRUCTURE
- SPOT ELEVATION
- PROPOSED GRADE
- TYPE "P" STRUCTURE (ROUND)
- TYPE "P" STRUCTURE (SQUARE)
- TYPE "B" CURB
- (R) RAISED INLET GRATE OR RIM (+ 0.20 FEET ABOVE FLOW LINE)
- G.E.= GRATE ELEVATION
- R.E.= RIM ELEVATION
- I.E.= INVERT ELEVATION
- L.F. LINEAR FOOTAGE OF PIPE
- DRAINAGE FLOW
- DRAINAGE STRUCTURE
- DRAINAGE PIPE
- D.B.S. DITCH BOTTOM SHEET
- INDICATES DRIVEWAY CONSTRUCTED PER TYPE "A" DRIVEWAY DETAIL

RECORD PLAN AND AS-BUILT SURVEY

THIS RECORD DRAWING (OR RECORD SPECIFICATION) HAS BEEN PREPARED BASED UPON INFORMATION FURNISHED IN PART BY OTHERS. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, LANCO CONSTRUCTION CO., FLORIDA CANNOT ASSUME ITS ACCURACY AND IS THEREFORE NOT RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DRAWING (OR RECORD SPECIFICATION) THAT SPECIFICALLY PERTAINS TO THE AMROW-FULTON AS-BUILT SURVEY (TUSB/UB) OR FOR ANY ERROR OR OMISSION WHICH MAY HAVE BEEN INCORPORATED INTO IT AS A RESULT. THOSE PERSONS USE THIS RECORD DRAWING ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE APPLYING IT FOR ANY PURPOSE. AMROW-FULTON SURVEY DESIGNATED FOR THIS DRAWING IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

8-23-06
RICHARD J. HUDDERSON, P.S.M.
FLORIDA REGISTRATION NO. 5340
LANCO CONSTRUCTION COMPANY, FLORIDA, LB#7319
1401 S.E. 4th COURT
DEERFIELD BEACH, FLORIDA 33441
(954) 978-0802 (954) 978-0807 FAX

SURVEYOR'S NOTES:

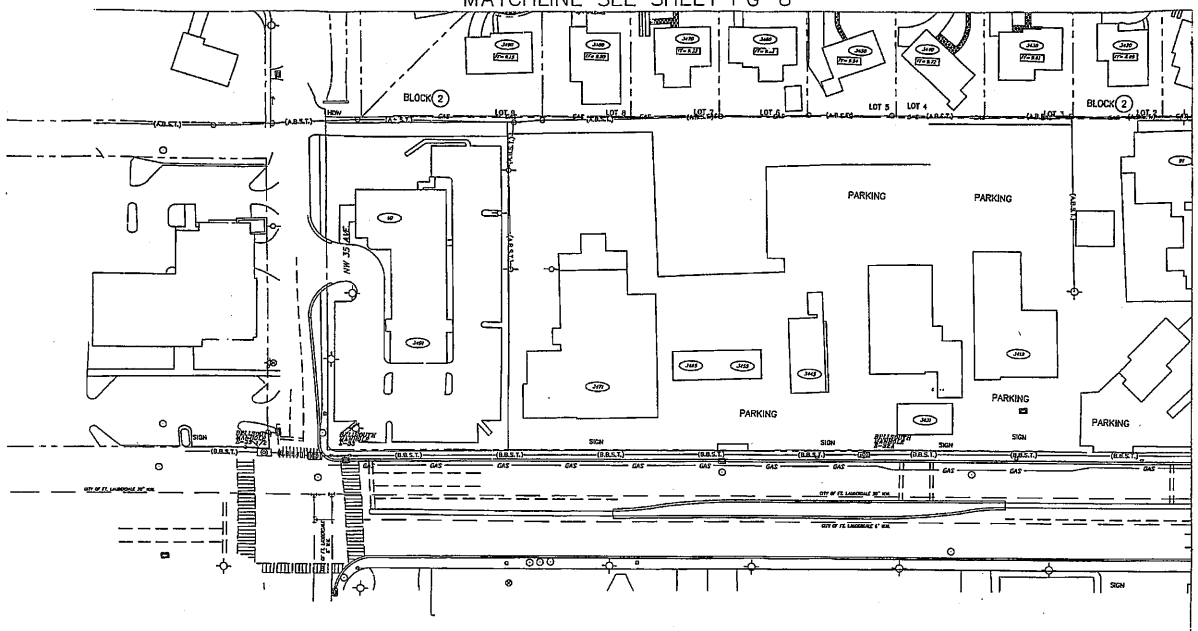
1. UNLESS IT BEARS THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER THIS DRAWING, SKETCH, PLAT OR MAP IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID
2. DATUM:
   HORIZONTAL: N.A.D. 1983 (90), COORDINATE SYSTEM
   VERTICAL: N.G.V.D. 29
3. BM: E.C.B.M. ZANTA, ELEV. 11.00'
4. SIGNED AND SEALED "RECORD PLANS AND SPECIFICATIONS" OF AS-BUILT PLANS FOR "BROWARD ESTATES EAST, BD PACKAGE NO. 7" R.O.E.S. #1149 & #1004, DATED FEBRUARY 26, 2001, BY CHARLES E. COLTON, P.E., FLORIDA REGISTRATION NO. 43821, AMROW-FULTON & ASSOCIATES, INC., 2887 TAMIAMI TRAIL E., SUITE 6, NAPLES, FLORIDA 34112, BD COST.

EXISTING LEGEND:

- SIAMESE CONNECTION
- FIRE HYDRANT ASSEMBLY
- WATER GATE VALVE
- WATER METER
- DOUBLE WATER METER
- PICKER POLE
- POLE ANCHOR
- DRAINAGE INLET
- SANITARY SEWER MAINTENANCE ACCESS STRUCTURE
- LIGHT POLE
- SOUTHERN BELL MAINTENANCE ACCESS STRUCTURE
- ELECTRICAL BOX
- TRAFFIC SIGNAL BOX
- GAS MAIN
- AT&T MAINTENANCE ACCESS STRUCTURE
- TELEPHONE BOX
- MONITORING WELL
- (FPL) FLORIDA POWER & LIGHT
- (A.B.S.T.) AERIAL BELL SOUTH TELEPHONE
- (B.B.S.T.) BURIED BELL SOUTH TELEPHONE
- —SAN— SANITARY SEWER
- —GAS— GAS MAIN
- —STM— STORM SEWER
- —WM— WATER MAIN
- —FM— FORCE MAIN
- —BE— BURIED ELECTRIC
- TO BE REMOVED
- TO BE ABANDONED
- B-6 BLOCK NUMBER
- L-20 LOT NUMBER
- 000 ADDRESS
- FF=10.00 FINISH FLOOR ELEVATION

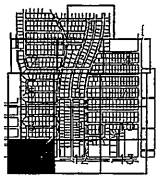
MATCHLINE SEE SHEET PG-8

BROWARD COUNTY ENG. DIV. REF. # 010427001



MATCHLINE SEE SHEET PG-12

SCALE: 1"=40'
0 20 40 80



KEY MAP
SCALE:NONE

NOTE:

1. NOT ALL EXISTING UTILITIES SHOWN ON PLAN REFER TO EXISTING CONSTRUCTION PLANS FOR TYPE & LOCATION OF EXISTING UTILITIES.
2. ALL EXISTING CATCH BASINS & STORM DRAINS LOCATED WITHIN RIGHT-OF-WAY TO BE REMOVED UNLESS OTHERWISE SHOWN. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD PRIOR TO ANY REMOVAL OF ANY DRAINAGE STRUCTURES AND/OR PIPING. BASINS & STORM DRAINS REMOVED SHALL BE BACKFILLED PER BROWARD COUNTY SPECIFICATIONS.
3. ALL INTERSECTIONS SHALL HAVE A PAVEMENT RADIUS OF 30 FEET UNLESS OTHERWISE SHOWN.
4. ALL EXISTING SIDEWALK SHOWN HEREON WITHIN R/W, SHALL REMAIN UNLESS OTHERWISE SHOWN.
5. EXISTING FENCES, WALLS, ETC. LOCATED WITHIN RIGHT-OF-WAY SHALL BE RELOCATED TO OWNERS PROPERTY.
6. EXISTING CATCH BASINS LOCATED WITHIN RIGHT-OF-WAY MAY BE CONNECTED TO ADJACENT PROPERTY INLET DRAINS. IF THIS SITUATION IS DISCOVERED DURING CONSTRUCTION THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD AND THE CONTRACTOR SHALL NOT REMOVE ANY PIPE OR CATCH BASINS UNLESS AUTHORIZED TO DO SO BY THE ENGINEER OF RECORD.
7. PROVIDE A 5 FOOT LEVELED STRIP OF SOD ALONG BACK OF PROPOSED SIDEWALK TO ELIMINATE EROSION.
8. CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTING & MAINTAINING TEMPORARY RELOCATION/COORDINATION OF EXISTING UTILITIES (WATER & SEWER) & PROPOSED (WATER & SEWER) AS REQUIRED TO FACILITATE PROPOSED INFRASTRUCTURE IMPROVEMENTS.
9. ALL EXISTING PAVEMENT SHALL BE REMOVED AND PROPERLY DISPOSED OF.
10. ALL EXISTING VALVES BOXES, CLEANOUTS, METER BOXES, M.A.S. BOXES, ETC. SO REQUIRE SHALL BE ADJUSTED TO FINISH GRADE.

BROWARD COUNTY PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

☐ PLAN CONSISTENT WITH PLAT REQUIREMENTS

☐ PUBLIC RIGHT OF WAY APPROVAL FOR PAVING, GRADING AND DRAINAGE

BY: _____ DATE: _____

DOES NOT INCLUDE APPROVAL OF PAVEMENT MARKING & SIGNS

PERMIT SET
MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION

ALL MATERIAL USED AND INSTALLATIONS MADE WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS SHALL BE IN ACCORDANCE WITH THE BROWARD COUNTY ENGINEERING DIVISION "MINIMUM STANDARDS"

NOTICE INSPECTION REQUIRED
24 HOURS PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RIGHT-OF-WAY, CONTACT THE BROWARD COUNTY ENGINEERING DIVISION AT (954) 357-6233 FOR INSPECTION

NOTE
APPROVAL OF THIS PLAN DOES NOT CONSTITUTE A PERMIT FOR CONSTRUCTION. A PERMIT FOR CONSTRUCTION MUST BE OBTAINED FROM THE BROWARD COUNTY ENGINEERING DIVISION PRIOR TO COMMENCING CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY.

BROWARD COUNTY
FLORIDA

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT
BROWARD ESTATES EAST

Revision	Date
90% SUBMITTAL – BROWARD ESTATES EAST	15 DEC. 00
95% SUBMITTAL – BROWARD ESTATES EAST	10 APRIL 01
100% SUBMITTAL – BROWARD ESTATES EAST	10 APRIL 01
REISSUE – BROWARD ESTATES EAST	18 JULY 01

CERTIFICATION:

I HEREBY CERTIFY THAT THESE RECORD DRAWINGS THE FACILITY HAVE BEEN PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND CONTAIN INFORMATION ON COMPLETENESS AND ADEQUACY, AND ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE FIELD WORK FOR THE AS-BUILT DRAWINGS HAS BEEN DONE BY: CRAVEN THOMPSON & ASSOCIATES

JAN 26 2005

Patrick J. Murphy
Florida P.E. No. 45636

CRAVEN • THOMPSON & ASSOCIATES, INC.

ENGINEERS • PLANNERS • SURVEYORS
3563 N.W. 53rd STREET
FORT LAUDERDALE, FLORIDA 33309
PHONE: (954) 739-6400
FAX: (954) 739-6409

FLORIDA LICENSED ENGINEERING, SURVEYING & MAPPING BUSINESS No. 271
FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS No. C000014

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RECORD DRAWING LEGEND:

NEW AS-BUILT SIDEWALK	STORM BASIN TYPE
EXISTING SIDEWALK	STORM BASIN NUMBER
ASPHALT ROAD	STORM INLET
CONCRETE DRIVEWAY	WATER DISTRIBUTION TRENCH
ASPHALT DRIVEWAY	STORM MAINTENANCE ACCESS STRUCTURE
CATCH BASIN APRON	SPOT ELEVATION
	PROPOSED GRADE
	TYPE "P" STRUCTURE (ROUND)
	TYPE "P" STRUCTURE (SQUARE)
	TYPE "D" CURB

(R)	RAISED INLET GRATE OR RIM (+ 0.25 FT.= ABOVE FLOW LINE)
G.E.=	GRATE ELEVATION
R.E.=	RIM ELEVATION
I.E.=	INVERT ELEVATION
L.F.	LINEAR FOOTAGE OF PIPE
	DRAINAGE FLOW
	DRAINAGE STRUCTURE
	DRAINAGE PIPE
D.B.L.	DITCH BOTTOM INLET
(A)	INDICATES DRIVEWAY CONSTRUCTED PER TYPE "A" DRIVEWAY DETAIL

RECORD PLAN AND AS-BUILT SURVEY

THIS RECORD DRAWING (OR RECORD SPECIFICATION) HAS BEEN PREPARED BASED UPON INFORMATION FURNISHED IN PART BY OTHERS. WHICH THIS INFORMATION IS BELIEVED TO BE RELIABLE. LANDS CONSTRUCTION CO., FLORIDA CANNOT ASSUME ITS ACCURACY AND IS THEREFORE NOT RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DRAWING (OR RECORD SPECIFICATION) THAT SPECIFICALLY PERTAINS TO THE AMSON-TOLTON AS-BUILT SURVEY (21,18,1,05) OR FOR ANY ERROR OR OMISSION WHICH MAY HAVE BEEN INCORPORATED INTO IT AS A RESULT. THOSE RELYING ON THIS RECORD DRAWING ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE APPLYING IT FOR ANY PURPOSE. AS-BUILT SURVEY INFORMATION SHOWN ON THIS DRAWING IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

1-23-05

RICHARD J. MAUGERSON, P.S.M.
FLORIDA REGISTRATION NO. 5240
LANDS CONSTRUCTION COMPANY, FLORIDA, LB#3329
125 S.E. 5th COURT
DEERFIELD BEACH, FLORIDA 33441
(954) 429-0002 (954) 878-3887 FAX

SURVEYOR'S NOTES:

1. UNLESS IT BEARS THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER THIS DRAWING, SKETCH, PLAT OR MAP IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID
2. DATUM:
   HORIZONTAL: N.A.D. 1983 (90), COORDINATE SYSTEM
   VERTICAL: N.G.V.D. 29
3. BM: B.C.B.M. 23079, ELEV. 11.09'
4. SIGNED AND SEALED "RECORD PLANS AND SPECIFICATIONS" OF AS-BUILT PLANS FOR "BROWARD ESTATES EAST, BID PACKAGE NO. 7" B.C.O.E.S. #1140 @ #8200, DATED: FEBRUARY 28, 2005, BY CHARLES E. TOLTON, P.S.M., FLORIDA REGISTRATION NO. 4302, AMSON-TOLTON & ASSOCIATES, INC., 2887 TAMIAMI TRAIL E., SUITE 5, NAPLES, FLORIDA 34112, 941 598-0.

EXISTING LEGEND:

SIAMESE CONNECTION	SOUTHERN BELL MAINTENANCE ACCESS STRUCTURE	—SAN—	SANITARY SEWER
FIRE HYDRANT ASSEMBLY	ELECTRICAL BOX	—GAS—	GAS MAIN
WATER GATE VALVE	TRAFFIC SIGNAL BOX	—STM—	STORM SEWER
WATER METER	GAS MAIN	—WM—	WATER MAIN
DOUBLE WATER METER	AT&T MAINTENANCE ACCESS STRUCTURE	—FM—	FORCE MAIN
POWER POLE	TELEPHONE BOX	—BE—	BURIED ELECTRIC
POLE ANCHOR	MONITORING WELL		TO BE REMOVED
DRAINAGE INLET	FLORIDA POWER & LIGHT		TO BE ABANDONED
SANITARY SEWER MAINTENANCE ACCESS STRUCTURE	AERIAL BELL SOUTH TELEPHONE	B-8	BLOCK NUMBER
LIGHT POLE	BURIED BELL SOUTH TELEPHONE	L-30	LOT NUMBER
		1234	ADDRESS
		FF=10.00	FINISH FLOOR ELEVATION

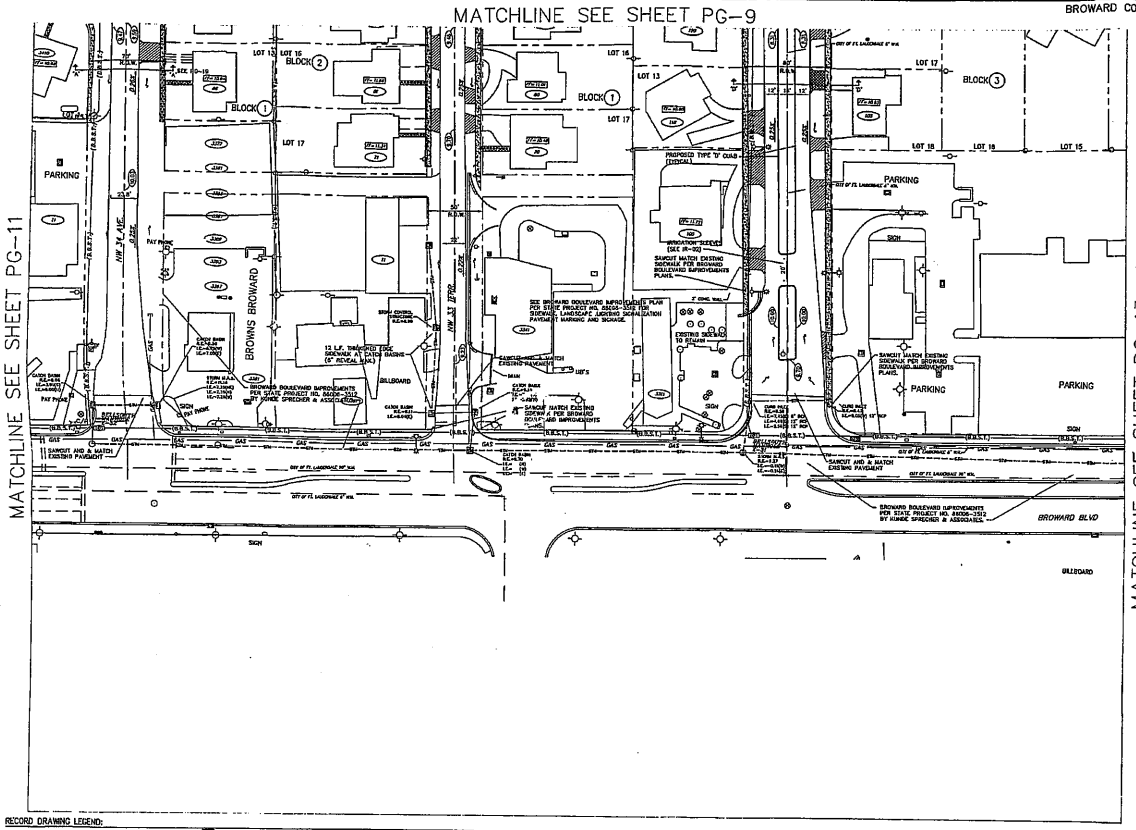
PAVING, GRADING AND DRAINAGE PLAN

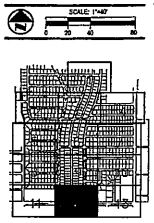
RECEIVED
SEP 23 2005

Date	15 DEC. 00
Project No	95-0065.03
Approved By	J.G.
Design By	P.J.C.
Drawn By	S.C.
Sheet No.	29 116 of

PG-11

BROWARD COUNTY ENG. DIV. REF. # 010427001





KEY MAP
SCALE NONE

BROWARD COUNTY
BOARD OF COUNTY COMMISSIONERS

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT BROWARD ESTATES EAST

Revision	Date
30% SUBMITTAL – BROWARD ESTATES EAST TO TRC 60	
60% SUBMITTAL – BROWARD ESTATES EAST TO TRC 90	
90% SUBMITTAL – BROWARD ESTATES EAST TO TRC 100	
100% – BROWARD ESTATES EAST	16 JULY 02
1 – ADD TRANSOM SLEEVES	16 OCT 02

NOTE:

1. NOT ALL EXISTING UTILITIES SHOWN ON PLANS REFER TO EXISTING GOVERNING PLANS FOR TYPE, & LOCATION OF EXISTING UTILITIES.
2. ALL EXISTING CATCH BASINS & STORM DRAINS LOCATED WITHIN RIGHT-OF-WAY TO BE REVIEWED UNDER FURNISHED SHOWN. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD PRIOR TO ANY REMOVAL OF ANY DRAINAGE STRUCTURES AND/OR PIPING. CATCH & STORM DRAINS REMOVED SHALL BE BACKFILLED PER BROWARD COUNTY SPECIFICATIONS.
3. ALL INTERSECTIONS SHALL HAVE A PARAGRAPH RADIUS OF 30 FEET UNLESS OTHERWISE SHOWN.
4. ALL EXISTING SIDEWALK SHOWN HEREON WITHIN R/W SHALL REMAIN UNLESS OTHERWISE SHOWN.
5. EXISTING FENCES, WALLS, ETC. LOCATED WITHIN RIGHT-OF-WAY SHALL BE RELOCATED TO OWNERS PROPERTY.
6. EXISTING CATCH BASINS LOCATED WITHIN PAVED-OF-WAY MAY BE REQUIRED TO ADJUSTED PROPERTY RIGHT BRANCH. IF THIS SITUATION IS ENCOUNTERED DURING CONSTRUCTION THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD AND THE CONTRACTOR SHALL NOT REMOVE ANY TYPE OF CATCH BASINS UNLESS AUTHORIZED TO DO SO BY THE ENGINEER OF RECORD.
7. PROVIDE A 2 FOOT LEVELED STRIP OF SOD ALONG BACK OF PROPOSED SIDEWALK TO ELIMINATE EROSION.
8. CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTING & MAINTAINING TEMPORARY RELOCATION/COORDINATION OF EXISTING UTILITIES (WATER & SEWER) & PROPOSED (WATER & SEWER) AS REQUIRED TO FACILITATE PROPOSED INFRASTRUCTURE IMPROVEMENTS.
9. ALL EXISTING PAVEMENT SHALL BE REMOVED AND PROPERLY DISPOSED OF.
10. ALL EXISTING VALVE BOXES, CLEANOUTS, METER BOXES, M.A.S. PADS, ETC. TO REMAIN SHALL BE ADJUSTED TO FINISH GRADE.

BROWARD COUNTY PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

☐ PLAN CONSISTENT WITH PLAT REQUIREMENTS

☐ PUBLIC RIGHT OF WAY APPROVAL FOR PAVING, GRADING AND DRAINAGE

BY:_____ DATE:_____

DOES NOT INCLUDE APPROVAL OF PARKING AREAS & SIGNS

PERMIT SET
MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION

MATERIAL
ALL MATERIAL USED AND INSTALLATIONS MADE WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS SHALL BE IN ACCORDANCE WITH THE BROWARD COUNTY ENGINEERING DIVISION "MINIMUM STANDARDS"

NOTICE INSPECTION REQUIRED
24 HOURS PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RIGHT-OF-WAY, CONTACT THE BROWARD COUNTY ENGINEERING DIVISION AT (954) 357-6233 FOR INSPECTION

NOTE
APPROVAL OF THIS PLAN DOES NOT CONSTITUTE A PERMIT FOR CONSTRUCTION. A PERMIT FOR CONSTRUCTION MUST BE OBTAINED FROM THE BROWARD COUNTY ENGINEERING DIVISION PRIOR TO COMMENCING CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY.

I HEREBY CERTIFY THAT THESE RECORD DRAWINGS TO THE FACILITY HAVE BEEN PREPARED BY ME OR INDIVIDUALLY UNDER MY DIRECT SUPERVISION AND COMPLETENESS AND ADEQUACY, AND ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE FIELD WORK FOR THE AS-BUILT DRAWINGS HAS BEEN PERFORMED BY CRAVEN'S HALLESCO, INC.

JAN 2 6 2006
DATE

CRAVEN • THOMPSON & ASSOCIATES, INC.

ENGINEERS • PLANNERS • SURVEYORS
3563 N.W. 53rd STREET
FORT LAUDERDALE, FLORIDA 33309
PHONE: (954) 739-6400
FAX: (954) 739-6409

FLORIDA LICENSED ENGINEERING, SURVEYING & MAPPING BUSINESS No. 271
FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS No. C000014

RECEIVED
SEP 23 2005

RECORD DRAWING LEGEND:

NEW AS-BUILT SIDEWALK
EXISTING SIDEWALK
ASPHALT ROAD
CONCRETE DRIVEWAY
ASPHALT DRIVEWAY
CATCH BASIN APRON

STORM BASIN TYPE
STORM BASIN NUMBER
STORM INLET WITH EXPLORATION TRENCH
STORM MAINTENANCE ACCESS STRUCTURE
SPOT ELEVATION
PROPOSED GRADE
TYPE "P" STRUCTURE (ROUND)
TYPE "P" STRUCTURE (SQUARE)
TYPE "D" CURB

(R) RAISED INLET GRATE OR BM (+ 0.33 FEET ABOVE FLOW LINE)
G.E.= GRATE ELEVATION
B.E.= BM ELEVATION
I.E.= INVERT ELEVATION
U.E.= UNDER FLOWING OF PIPE
DRAINAGE FLOW
DRAINAGE STRUCTURE
DRAINAGE PIPE
D.B.I. DITCH BOTTOM INLET
(A) INDICATES DRIVEWAY CONSTRUCTED PER TYPE "A" DRIVEWAY DETAIL

RECORD PLAN AND AS-BUILT SURVEY

THIS RECORD DRAWING OR RECORD SPECIFICATIONS HAS BEEN PREPARED BASED UPON INFORMATION FURNISHED TO US BY OTHERS AND THE INFORMATION IS BELIEVED TO BE RELIABLE. LANDS CONSTRUCTION CO., FLORIDA, CORPORATION ASSUME ITS ACCURACY AND IS THEREFORE, NOT RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DRAWING OR RECORD SPECIFICATION THAT PROVIDED PERTAINS TO THE AMROW-TOLTON AS-BUILT SURVEY (CONDUED) OR FOR ANY ERROR OR OMISSION WHICH MAY HAVE BEEN INCORPORATED INTO IT AS A RESULT. THOSE RELYING ON THIS RECORD DRAWING ARE ADVISED TO OBTAIN INDEPENDENT AS-BUILT SURVEY & DRAWING BEFORE RELYING IT FOR ANY PURPOSE.
I HEREBY CERTIFY THAT THE ATTACHED RECORD DRAWING IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

RICHARD J. HARVEYSON, P.E.S.L.
FLORIDA REGISTRATION NO. 5340
LANDS CONSTRUCTION COMPANY, FLORIDA, LB#2729
125 S.E. 5th COURT
DEERFIELD BEACH, FLORIDA 33441
(954) 978-0821 (954) 978-0897 FAX

SURVEYOR'S NOTES:

1. UNLESS IT BEARS THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER, THIS DRAWING, DATA, REPORT OR REPRODUCTION IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID.
2. DATUM:
   HORIZONTAL: N.A.D. 1983 (90), COORDINATE SYSTEM
   VERTICAL: N.G.V.D. 29
3. BM: B.C.B.M. #3078, ELEV. 11.007
4. SIGNED AND SEALED "RECORD PLANS AND SPECIFICATIONS" OF AS-BUILT PLANS FOR "BROWARD ESTATES EAST, BRD PACKAGE NO. 7" B.C.U.E.S. #1148 & #1535, DATED FEBRUARY 25, 2000, BY CHARLES E. TOLTON, P.E.S.L., FLORIDA REGISTRATION NO. 4582, AMROW-TOLTON & ASSOCIATES, INC., 3007 TAMIAMI TRAIL E., SUITE 3, NAPLES, FLORIDA 34103, DO EXIST.

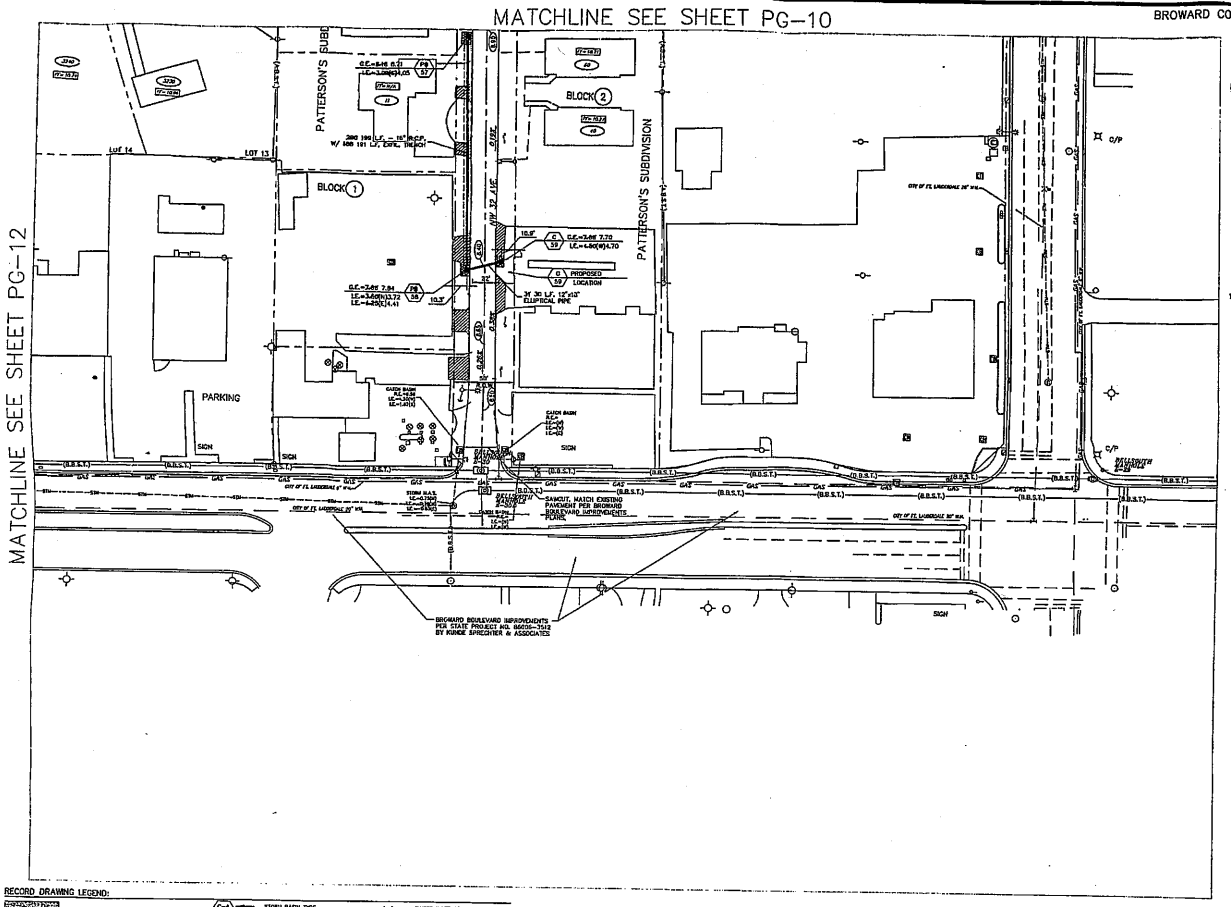
EXISTING LEGEND:

SANITARY CONNECTION
FIRE HYDRANT ASSEMBLY
WATER GATE VALVE
WATER METER
DOUBLE WATER METER
PENCIL POLE
POLE ANCHOR
DRAINAGE INLET
SANITARY SEWER MAINTENANCE ACCESS STRUCTURE
LIGHT POLE
SOUTHERN BELL MAINTENANCE ACCESS STRUCTURE
ELECTRICAL BOX
TRAFFIC SIGNAL BOX
GAS BOX
ABOT MAINTENANCE ACCESS STRUCTURE
TELEPHONE BOX
MONITORING WELL
FPL FLORIDA POWER & LIGHT
(A.B.S.T.) AERIAL BELL SOUTH TELEPHONE
(B.B.S.T.) BURIED BELL SOUTH TELEPHONE
SAN SANITARY SEWER
GAS GAS MAIN
STM STORM SEWER
WM WATER MAIN
FM FORCE MAIN
BE BURIED ELECTRIC
TO BE REMOVED
TO BE ABANDONED
B-4 BLOCK NUMBER
L-20 LOT NUMBER
ADDRESS
F.F.=10.75 FINISH FLOOR ELEVATION

PAVING, GRADING AND DRAINAGE PLAN

Date	13october2000
Project No.	15 DEC. 00
Approved By	J.G.
Design By	P.J.G.
Drawn By	S.C.
Sheet No.	30 116 of

PG-12



NOTE:

1. NOT ALL EXISTING UTILITIES SHOWN ON PLAN. REFER TO EXISTING CONDITIONS PLANS FOR TYPE & LOCATION OF EXISTING UTILITIES.
2. ALL EXISTING CATCH BASINS & STORM DRAINS LOCATED WITHIN RIGHT-OF-WAY TO BE REMOVED UNLESS OTHERWISE SHOWN. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD PRIOR TO ANY REMOVAL OF ANY DRAINAGE STRUCTURES AND/ OR PIPING. BASINS & STORM DRAINS REMOVED SHALL BE BACKFILLED PER BROWARD COUNTY SPECIFICATIONS.
3. ALL INTERSECTIONS SHALL HAVE A PAVEMENT RADIUS OF 30 FEET UNLESS OTHERWISE SHOWN.
4. ALL EXISTING SIDEWALK SHOWN THEREON WITHIN R/W, SHALL REMAIN UNLESS OTHERWISE SHOWN.
5. EXISTING FENCES, WALLS, ETC. LOCATED WITHIN RIGHT-OF-WAY SHALL BE RELOCATED TO OWNERS PROPERTY.
6. EXISTING CATCH BASINS LOCATED WITHIN RIGHT-OF-WAY MAY BE CONNECTED TO ADJACENT PROPERTY ROOF DRAINS. IF THIS SITUATION IS ENCOUNTERED DURING CONSTRUCTION THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD AND THE CONTRACTOR SHALL NOT REMOVE ANY PIPE OR CATCH BASINS UNLESS AUTHORIZED TO DO SO BY THE ENGINEER OF RECORD.
7. PROVIDE A 5 FOOT LEVELED STRIP OF SOD ALONG BACK OF PROPOSED SIDEWALK TO ELIMINATE EROSION.
8. CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTING & MAINTAINING TEMPORARY RELOCATION/COORDINATION OF EXISTING UTILITIES (WATER & SEWER) & PROPOSED (WATER & SEWER) AS REQUIRED TO FACILITATE PROPOSED INFRASTRUCTURE IMPROVEMENTS.
9. ALL EXISTING PAVEMENT SHALL BE REMOVED AND PROPERLY DISPOSED OF.
10. ALL EXISTING VALVES BOXES, CLEANOUTS, METER BOXES, M.A.S. BO'''' ETC. TO REMAIN SHALL BE ADJUSTED TO FINISH GRADE.

SCALE: 1"=40'

KEY MAP
SCALE: NONE

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT BROWARD ESTATES EAST

Revision	Date
30% SUBMITTAL - BROWARD ESTATES EAST	15 DEC. 00
60% SUBMITTAL - BROWARD ESTATES EAST	28 FEB. 01
100% SUBMITTAL - BROWARD ESTATES EAST	APRIL 01
PERMIT - BROWARD ESTATES EAST	15 JULY 01

BROWARD COUNTY PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

☐ PLAN CONSISTENT WITH PLAT REQUIREMENTS

☐ PUBLIC RIGHT OF WAY APPROVAL FOR PAVING, GRADING AND DRAINAGE

BY: _____ DATE: _____

DOES NOT INCLUDE APPROVAL OF PAVEMENT MARKING & SIGNS

PERMIT SET
MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION

AERIAL
ALL MATERIALS USED AND INSTALLATIONS MADE IN THE PUBLIC RIGHT-OF-WAY OR EASEMENT SHALL BE IN ACCORDANCE WITH THE BROWARD COUNTY ENGINEERING DIVISION "MINIMUM STANDARDS"

NOTICE INSPECTION REQUIRED
24 HOURS PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RIGHT-OF-WAY, CONTACT THE BROWARD COUNTY ENGINEERING DIVISION AT (954) 357-6233 FOR INSPECTION

NOTE:
APPROVAL OF THIS PLAN DOES NOT CONSTITUTE A PERMIT FOR CONSTRUCTION. A PERMIT FOR CONSTRUCTION MUST BE OBTAINED FROM THE BROWARD COUNTY ENGINEERING DIVISION PRIOR TO COMMENCING CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY.

CERTIFICATE:
I HEREBY CERTIFY THAT THIS RECORD DRAWINGS [illegible] PREPARED BY ME OR [illegible] FACILITY [illegible] UNDER MY DIRECT SUPERVISION [illegible] INFORMATION UPON WHICH I AM RELYING IS COMPLETE AND ADEQUATE AND ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE ASBUILT WORK FOR THE ASBUILT DRAWINGS HAS BEEN DONE BY: EXCAVATED J. HALLERSON 01-17-2007.

JAN 29 2008
PATRICK J. [illegible]
CERTIFICATE NUMBER DATE

CRAVEN • THOMPSON & ASSOCIATES, INC.

ENGINEERS • PLANNERS • SURVEYORS
3477 N.W. 63rd STREET
FORT LAUDERDALE, FLORIDA 33309
PHONE: (954) 739-6400
FAX: (954) 739-6409

FLORIDA LICENSED ENGINEERING, SURVEYING & MAPPING BUSINESS No. 271
FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS No. C000314

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RECEIVED
SEP 23 2008

PAVING, GRADING AND DRAINAGE PLAN

Date 15 DEC. 00
Project No85-0065.03
Approved By:J.C.
Design By P.J.C.
Drawn By S.C.
Sheet No.31 116 of

PG-13

RECORD DRAWING LEGEND:

- NEW AS-BUILT SIDEWALK
- EXISTING SIDEWALK
- ASPHALT ROAD
- CONCRETE DRIVEWAY
- ASPHALT DRIVEWAY
- CATCH BASIN APRON
- STORM BASIN TYPE
- STORM BASIN NUMBER
- STORM INLET WITH EXFILTRATION TRENCH
- STORM MAINTENANCE ACCESS STRUCTURE
- SPOT ELEVATION
- PROPOSED GRADE
- TYPE "P" STRUCTURE (ROUND)
- TYPE "P" STRUCTURE (SQUARE)
- TYPE "D" CURB
- (R) RAISED INLET GRATE OR SIM (+ 0.00 FEET ABOVE FLOW LINE)
- G.E.= GRATE ELEVATION
- R.E.= RIM ELEVATION
- I.E.= INVERT ELEVATION
- L.F. LINEAR FOOTAGE OF PIPE
- DRAINAGE FLOW
- DRAINAGE STRUCTURE
- DRAINAGE PIPE
- D.B.I. DITCH BOTTOM INLET
- INDICATES DRIVEWAY CONSTRUCTED PER TYPE "A" DRIVEWAY DETAIL

RECORD PLAN AND AS-BUILT SURVEY

THIS RECORD DRAWING (OR RECORD SPECIFICATION) HAS BEEN PREPARED BASED UPON INFORMATION FURNISHED IN PART BY OTHERS. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, LANDS CONSTRUCTION CO., INC. DOES NOT ASSUME ITS ACCURACY AND IS THEREFORE NOT RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DRAWING (OR RECORD SPECIFICATION) THAT SPECIFICALLY PERTAINS TO THE AMERON-TOLTON AS-BUILT SURVEY (7/28/03) OR FOR ANY ERROR OR OMISSION WHICH MAY HAVE BEEN INCORPORATED INTO IT AS A RESULT. UNDER RELYING ON THIS RECORD DRAWING ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE APPLYING IT FOR ANY PURPOSE. AS-BUILT SURVEY INFORMATION SHOWN ON THIS DRAWING IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

8-23-05
RICHARD J. MARTUSCIO, P.S.M.
FLORIDA REGISTRATION NO. 5510
LANDS CONSTRUCTION COMPANY, FLORIDA, LB#3239
123 S.E. 7th COURT
DEERFIELD BEACH, FLORIDA 33441
(954) 979-0602 (954) 976-9602 FAX

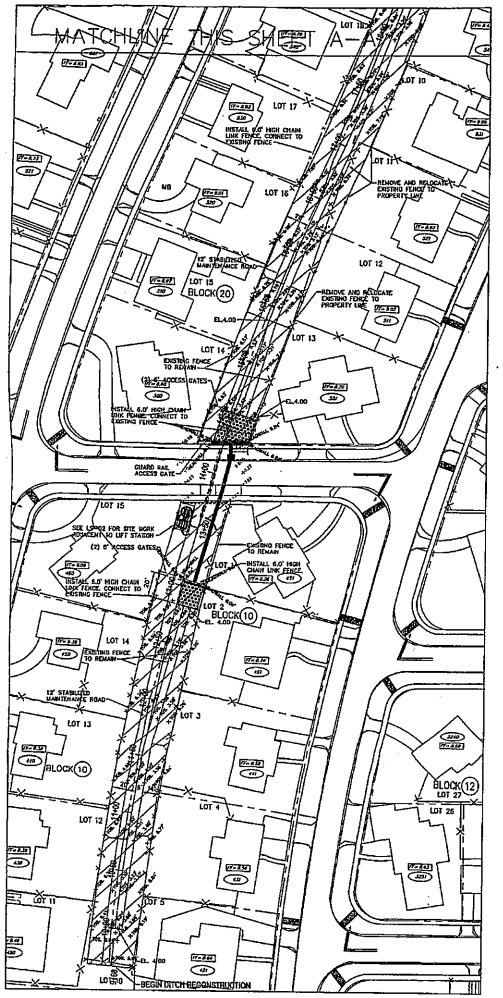
SURVEYOR'S NOTES:

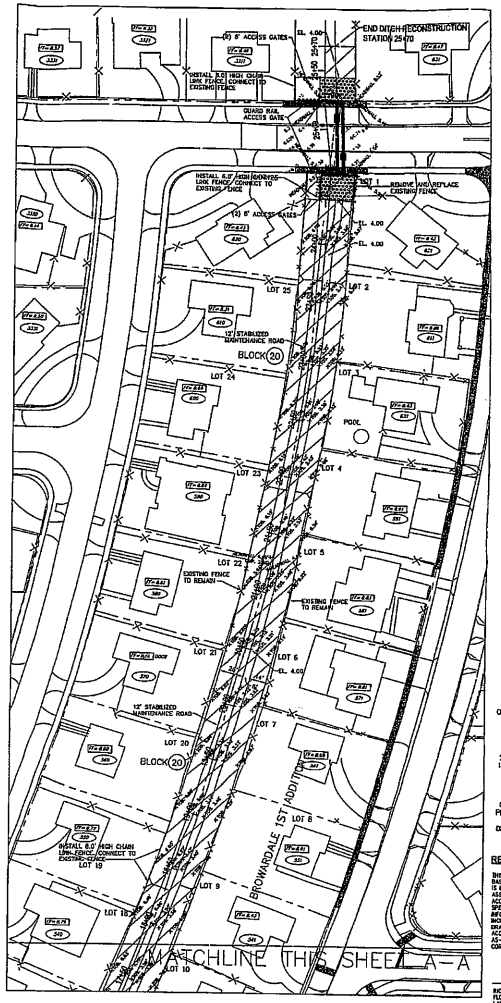
1. UNLESS IT BEARS THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER THIS DRAWING, SKETCH, PLAT OR MAP IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID
2. BASIS OF BEARINGS: HORIZONTAL N.A.D. 1983 (90), COORDINATE SYSTEM VERTICAL: N.G.V.D. 29
3. BM: B.C.B.M. #3078, ELEV. 11.00'
4. SIGNED AND SEALED "RECORD PLANS AND SPECIFICATIONS" OF AS-BUILT PLANS FOR "BROWARD ESTATES EAST, ESD PACKAGE NO. 7" B.C.D.E.S. #1149 & #5330, DATED FEBRUARY 28, 2005, BY CHARLES E. TOLTON, P.S.M., FLORIDA REGISTRATION NO. 4582, AMERON-TOLTON & ASSOCIATES, INC., 2987 TAMIAMI TRAIL E., SUITE A, NAPLES, FLORIDA 34112, DO EXIST.

EXISTING LEGEND:

- SIAMESE CONNECTION
- FIRE HYDRANT ASSEMBLY
- WATER GATE VALVE
- WATER METER
- DOUBLE WATER METER
- POWER POLE
- POLE ANCHOR
- DRAINAGE INLET
- SANITARY SEWER MAINTENANCE ACCESS STRUCTURE
- LIGHT POLE
- SOUTHERN BELL MAINTENANCE ACCESS STRUCTURE
- ELECTRICAL BOX
- TRAFFIC SIGNAL BOX
- GAS MAIN
- AT&T MAINTENANCE ACCESS STRUCTURE
- TELEPHONE BOX
- MONITORING WELL
- FLORIDA POWER & LIGHT
- AERIAL BELL SOUTH TELEPHONE
- BURIED BELL SOUTH TELEPHONE
- SAN — SANITARY SEWER
- GAS — GAS MAIN
- STM — STORM SEWER
- WM — WATER MAIN
- FM — FORCE MAIN
- BE — BURIED ELECTRIC
- TO BE REMOVED
- TO BE ABANDONED
- B-6 BLOCK NUMBER
- L-20 LOT NUMBER
- 000 ADDRESS
- F.F.=10.00 FINISH FLOOR ELEVATION

BROWARD COUNTY ENG. DIV. REF. # 010427001





SURVEYOR'S NOTES:

1. UNLESS IT BEARS THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER THIS DRAWING, SKETCH, PLAT OR MAP IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID
2. DATUM:
   HORIZONTAL: N.A.D. 1983 (1990), COORDINATE SYSTEM
   VERTICAL: N.G.V.D. 29
3. BM: B.C.B.M. #3078, ELEV. 11.007
4. (-)-100, 5.45' C'MORES AS-BUILT SURVEY ELEVATION BY AMEC+TOLTON
5. AMEC+TOLTON & ASSOCIATES, INC. 2887 TAMIAMI TRAIL E., SUITE 6, NAPLES, FLORIDA 34112.
6. TOE=TOP OF BANK
   EOE=TOE OF SLOPE

DITCH RECONSTRUCTION

BROWARD COUNTY PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

☐ PLAN CONSISTENT WITH PLAT REQUIREMENTS

☐ PUBLIC RIGHT OF WAY APPROVAL FOR PAVING, GRADING AND DRAINAGE

BY: _____ DATE: _____

DOES NOT INCLUDE APPROVAL OF PARKING MARKING & SIGNS

PERMIT SET
MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION

MATERIAL
ALL MATERIAL USED AND INSTALLATIONS MADE WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS SHALL BE IN ACCORDANCE WITH THE BROWARD COUNTY ENGINEERING DIVISION "MINIMUM STANDARDS"

NOTICE INSPECTION REQUIRED
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NOTE
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RECORD PLAN AND AS-BUILT SURVEY

THIS RECORD DRAWING (OR RECORD SPECIFICATION) HAS BEEN PREPARED BASED UPON INFORMATION FURNISHED BY OTHERS. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, LANDO CONSTRUCTION CO., FLORIDA CANNOT ASSUME IT'S ACCURACY AND IS THEREFORE NOT RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DRAWING (OR RECORD SPECIFICATION) THAT SPECIFICALLY PERTAINS TO THE AMEC+TOLTON AS-BUILT SURVEY INFORMATION OR FOR ANY ERROR OR OMISSION WHICH MAY HAVE BEEN PRESENTED TO US AS A RESULT. THOSE RELYING ON THIS RECORD DRAWING AND AS-BUILT SURVEY INDEPENDENT VERIFICATION OF IT'S ACCURACY BEFORE APPLYING IT FOR ANY PURPOSE.
AS-BUILT SURVEY INFORMATION SHOWN ON THIS DRAWING IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

1-3-05

RICHARD J. HAVERSON, P.S.M.
FLORIDA REGISTRATION NO. 5240
LANDO CONSTRUCTION COMPANY, FLORIDA, LB#7339
125 S.E. 5th COURT
DEERFIELD BEACH, FLORIDA 33441
(954) 978-4802 (954) 978-8857 FAX

SCALE: 1"=40'
0 20 40 80

KEY MAP
SCALE: NONE

BROWARD COUNTY FLORIDA

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT BROWARD ESTATES EAST

Revision	Date
70% SUBMITTAL – BROWARD ESTATES EAST	15 DEC. 00
90% SUBMITTAL – BROWARD ESTATES EASTER	FEB. 01
100% SUBMITTAL – BROWARD ESTATES EASTER	APRIL 01
REVISION – BROWARD ESTATES EAST	10 -14 -01

I HEREBY CERTIFY THAT THESE RECORD DRAWINGS WERE PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THE INFORMATION SHOWN HEREON IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE FIELD WORK FOR THE AS-BUILT DRAWING HAS BEEN DONE IN COMPLIANCE WITH CHAPTER 61G17-6 F.A.C.

HALLESSEN, DETWEILER

JAN 26 2006

PRINTED NAME OF PROFESSIONAL SURVEYOR & MAPPER — DATE

CRAVEN • THOMPSON & ASSOCIATES, INC.

ENGINEERS • PLANNERS • SURVEYORS
3563 N.W. 53rd STREET
FORT LAUDERDALE, FLORIDA 33309
PHONE: (954) 739-6400
FAX: (954) 739-6409

FLORIDA LICENSED ENGINEERING, SURVEYING & MAPPING BUSINESS No. 271
FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS No. C000114

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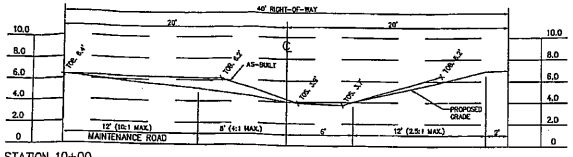
33rd AVENUE DITCH CROSS-SECTIONS

RECEIVED
SEP 23 2005

Date 15 DEC. 00
Project No95-0065.03
Approved By J.C.
Design By P.J.C.
Drawn By S.C.
Sheet No.40 116 of

DC-01

BROWARD COUNTY ENG. DIV. REF. # 010427001



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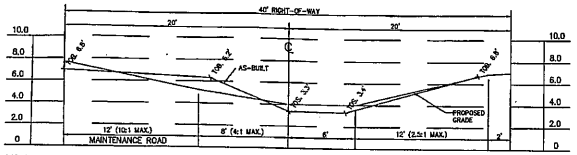

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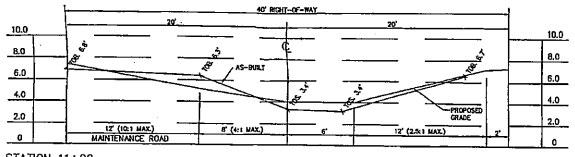

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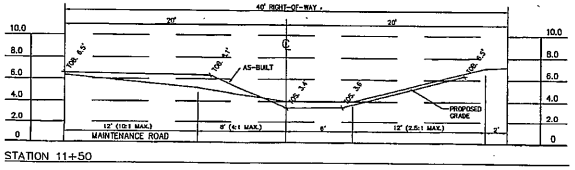

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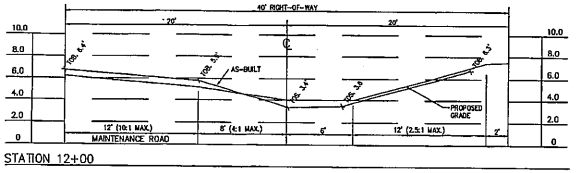

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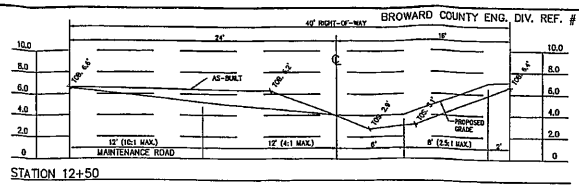

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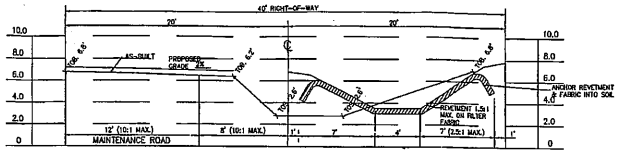

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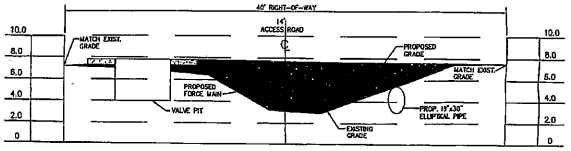

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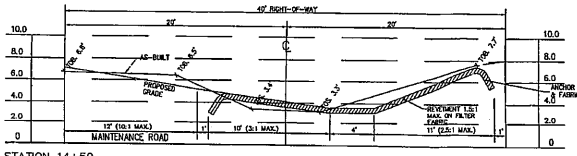

STATION 14+50

RECORD PLAN AND AS-BUILT SURVEY

THIS RECORD DRAWING (OR RECORD SPECIFICATION) HAS BEEN PREPARED BASED UPON INFORMATION FURNISHED BY OTHERS. WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, LANDO CONSTRUCTION CO., FLORIDA COAST ASSUME IT'S ACCURACY AND IS THEREFORE NOT RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DRAWING (OR RECORD SPECIFICATION) THAT SPECIFICALLY PERTAINS TO THE AVERAGE-FLORIDA AS-BUILT SURVEY INFORMATION. THE AS-BUILT SURVEY INFORMATION SHOWN ON THIS DRAWING HAS BEEN INCORPORATED INTO IT AS A RESULT. THOSE RELYING ON THIS RECORD DRAWING ARE ADVISED TO OBTAIN INDEPENDENT VERIFICATION OF ITS ACCURACY BEFORE RELYING IT FOR ANY PURPOSE.
AS-BUILT SURVEY INFORMATION SHOWN ON THIS DRAWING IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

3-22-05

RICHARD A. RAVENSCROFT P.S.M.
FLORIDA REGISTRATION NO. 5246
LANDO CONSTRUCTION COMPANY, FLORIDA, LB#3328
105 S.E. 5th STREET
DEERFIELD BEACH, FLORIDA 33441
(954) 578-0802 (954) 570-1887 FAX

LEGEND

DITCH FILL

PROPOSED GRADE

TOE=AS-BUILT TOP OF BANK
TOS=AS-BUILT TOE OF SLOPE

BROWARD COUNTY PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

☐ PLAN CONSISTENT WITH PLAT REQUIREMENTS

☐ PUBLIC RIGHT OF WAY APPROVAL FOR PAVING, GRADING AND DRAINAGE

BY:_____ DATE:_____

DOES NOT INCLUDE APPROVAL OF PAVEMENT MARKING & SIGNS

PERMIT SET
MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION

MATERIAL
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NOTICE INSPECTION REQUIRED
24 HOURS PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RIGHT-OF-WAY, CONTACT THE BROWARD COUNTY ENGINEERING DIVISION AT (954) 357-6233 FOR INSPECTION

NOTE
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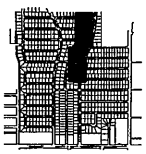
SURVEYOR'S NOTES:

1. UNLESS IT BEARS THE SIGNATURE AND THE ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER THIS DRAWING, SKETCH, PLAT OR MAP IS FOR INFORMATIONAL PURPOSES ONLY AND IS NOT VALID
2. DATUM
   HORIZONTAL N.A.D. 1983 (90), COORDINATE SYSTEM
   VERTICAL N.G.V.D. 29
3. BM: B.C.R.M. #3076, ELEV. 11.00'
4. + TOE: 6.4' DENOTES AS-BUILT SURVEY ELEVATION BASED ON AVIROM-TILTON INFORMATION.
5. AVIROM-TILTON & ASSOCIATES, INC. 2857 TAMIAMI TRAIL N. SUITE G, NAPLES, FLORIDA 34112

SCALE: 1"=4'



KEY MAP
SCALE:NONE

BROWARD COUNTY
FLORIDA

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT BROWARD ESTATES EAST

Revision	Date
90% SUBMITTAL - BROWARD ESTATES EAST [illegible]	
90% SUBMITTAL - BROWARD ESTATES EAST [illegible]	
100% SUBMITTAL - BROWARD ESTATES EAST [illegible]	
REVISE - BROWARD ESTATES EAST	[illegible]

LAND SURVEYOR:
"HEREBY CERTIFY THAT THESE RECORD DRAWINGS OF THIS FACILITY HAVE BEEN REVIEWED BY ME OF NORMALLY UNDER MY DIRECT SUPERVISION FOR COMPLETENESS AND ACCURACY AND ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE FIELD WORK FOR THE AS-BUILT DRAWINGS HAS BEEN DONE BY: [illegible]
[illegible] (954) 785-[illegible]
MAY 2 8 2005
[illegible]
REGISTERED LAND SURVEYOR

CRAVEN THOMPSON & ASSOCIATES, INC.

ENGINEERS • PLANNERS • SURVEYORS
[illegible] SE 3rd STREET
FORT LAUDERDALE, FLORIDA 33308
PHONE: (954) 728-4400
FAX: (954) 728-4408

FLORIDA LICENSED ENGINEERING, SURVEYING & MAPPING BUSINESS No. 271
FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS No. C000114

[illegible] THIS DRAWING IS THE PROPERTY OF CRAVEN THOMPSON & ASSOCIATES, INC. AND IS NOT TO BE REPRODUCED IN WHOLE OR IN PART WITHOUT THEIR WRITTEN PERMISSION. [illegible] DESIGN CRITERIA & STANDARDS, INC. REPORTS [illegible]

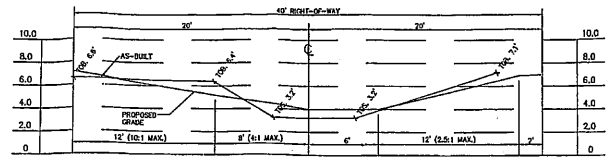
RECEIVED
SEP 2 3 2005

33rd AVENUE DITCH CROSS-SECTIONS

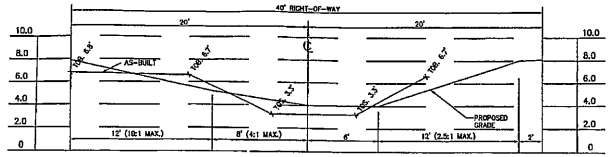
Date 15 DEC. 00
Project No05-0055.03
Approved By:J.G.
Design By:P.J.G.
Drawn By: S.C.
Sheet No.41 116 of

DC-02

BROWARD COUNTY ENG., DIV. REF. # 010427001



STATION 15+00



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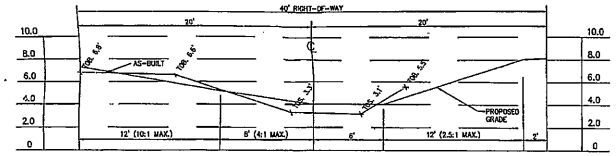

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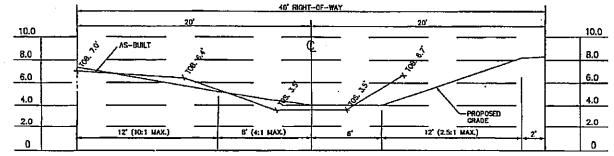

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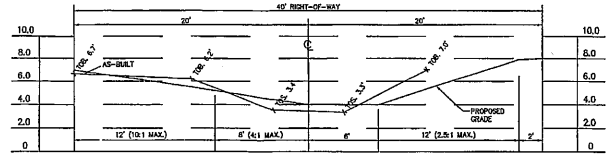

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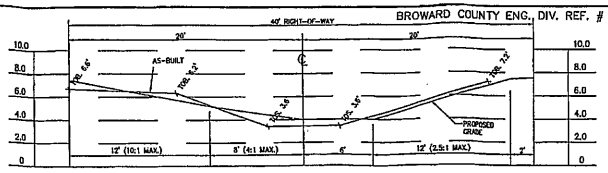

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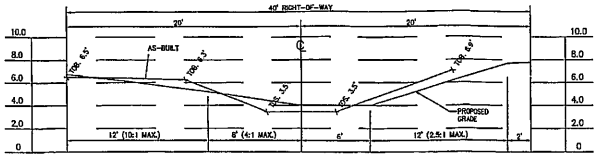

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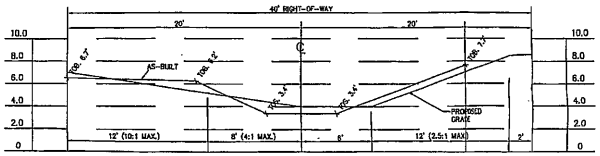

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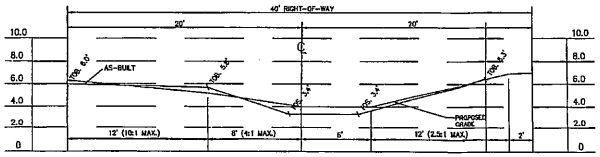

STATION 19+10

RECORD PLAN AND AS-BUILT SURVEY

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RICHARD A. MATHESON P.S.M.
FLORIDA REGISTRATION NO. 5340
LANDS, CONSULTING COMPANY, FLORIDA LB#3329
1400 S.E. 10TH COURT
DEERFIELD BEACH, FLORIDA 33441
(954) 979-0802 (954) 979-8597 FAX

LEGEND

DITCH FILL

PROPOSED GRADE

TOB=AS-BUILT TOP OF BANK
TOS=AS-BUILT TOE OF SLOPE

BROWARD COUNTY PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

☐ PLAN CONSISTENT WITH PLAT REQUIREMENTS

☐ PUBLIC RIGHT OF WAY APPROVAL FOR PAVING, GRADING AND DRAINAGE

BY: _____ DATE: _____

DOES NOT INCLUDE APPROVAL OF PAVEMENT MARKING & SIGNS

PERMIT SET
MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION MATERIAL
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SURVEYOR'S NOTES:

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4. + TOB. 8.4' DENOTES AS-BUILT SURVEY ELEVATION BASED ON AMROW-TOLTON INFORMATION.
5. AMROW-TOLTON & ASSOCIATES, INC. 2887 TAMIAMI TRAIL E. SUITE 6, NAPLES, FLORIDA 34112

NOTICE INSPECTION REQUIRED
24 HOURS PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RIGHT-OF-WAY, CONTACT THE BROWARD COUNTY ENGINEERING DIVISION AT (954) 357-6233 FOR INSPECTION
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SCALE: 1"=4'
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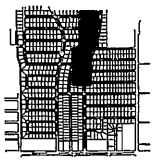

KEY MAP
SCALE:NONE

BROWARD COUNTY
FLORIDA

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT
BROWARD ESTATES EAST

Revision	Date
30% SUBMITTAL - BROWARD ESTATES EAST	DEC. 00
90% SUBMITTAL - BROWARD ESTATES EAST	JUL. 01
100% SUBMITTAL - BROWARD ESTATES EAST	JUNE 03
REVISE - BROWARD ESTATES EAST	16 JULY 05

CERTIFICATION

I HEREBY CERTIFY THAT THESE RECORD DRAWINGS OF THE FACILITY HAVE BEEN PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE FIELD WORK FOR THE AS-BUILT DRAWINGS HAS BEEN COMPLETED.

RICHARD J. HALLESSY, P.E. #38730

JAN 26 2006
DATE

BROWARD COUNTY
Florida P.E. No. 38428

CRAVEN • THOMPSON & ASSOCIATES, INC.

ENGINEERS • PLANNERS • SURVEYORS
2363 S.W. 52nd STREET
FORT LAUDERDALE, FLORIDA 33309
PHONE: (954) 739-6400
FAX: (954) 739-6409

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FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS No. C000114

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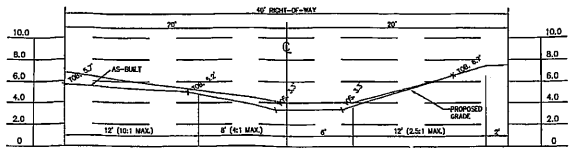
33rd AVENUE DITCH CROSS-SECTIONS

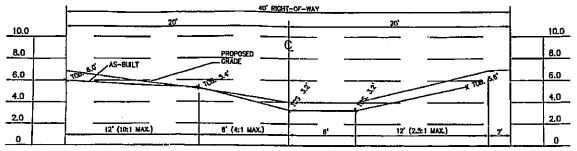
Date 15 DEC. 00
Project No05-0065.03
Approved By J.G.
Design By P.J.G.
Drawn By S.C.
Sheet No.42 113 of

DC-03

BROWARD COUNTY ENG. DIV. REF. # 010427001



STATION 19+60



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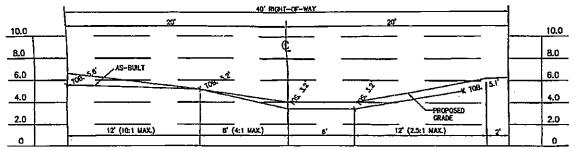

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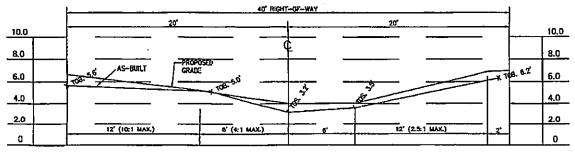

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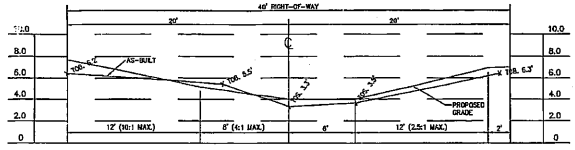

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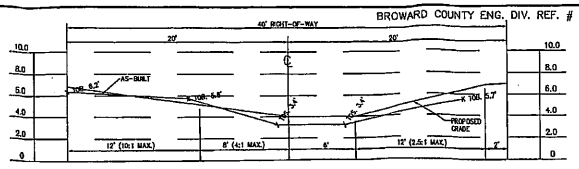

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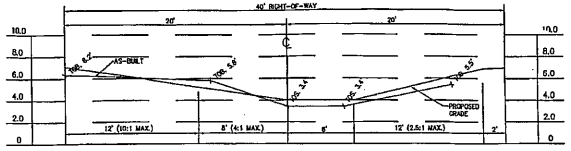

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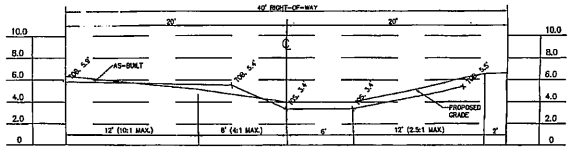

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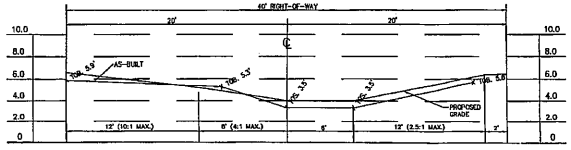

STATION 23+80

RECORD PLAN AND AS-BUILT SURVEY

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8-25-05

RICHARD J. HAUTKONA, P.S.M.
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125 S.E. 5th COURT
DEERFIELD BEACH, FLORIDA 33441
(954) 570-0932 (954) 570-0897 FAX

LEGEND

DITCH FILL

PROPOSED GRADE

TOB=AS-BUILT TOP OF BANK
TOE=AS-BUILT TOE OF SLOPE

BROWARD COUNTY PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

☐ PLAN CONSISTENT WITH PLAT REQUIREMENTS

☐ PUBLIC RIGHT OF WAY APPROVAL FOR PAVING, GRADING AND DRAINAGE

BY: _____ DATE: _____

DOES NOT INCLUDE APPROVAL OF PAVEMENT SIGNING & SIGNS

PERMIT SET
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MATERIAL
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4. ± TOB, & ± TOE, DENOTES AS-BUILT SURVEY ELEVATION BASED ON INTERPOLATION INFORMATION.
5. AMERICAN-TOLTON & ASSOCIATES, INC. 2887 TAMIAMI TRAIL E. SUITE 5, NAPLES, FLORIDA 34112

NOTICE INSPECTION REQUIRED
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SCALE: 1"=4'
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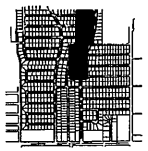

KEY MAP
SCALE: NONE

BROWARD COUNTY
FLORIDA

BROWARD COUNTY OFFICE OF ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT
BROWARD ESTATES EAST

Revision	Date
90% SUBMITTAL – BROWARD ESTATES EAST (S.TOC. OF	
100% SUBMITTAL – BROWARD ESTATES EAST (TOC. OF	
100% SUBMITTAL – BROWARD ESTATES EAST (PRE. OF	
REVISE – BROWARD ESTATES EAST	M. JULY 05

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H.A. LESSARD 25-14 7360

JAN 26 2005

BROWEN-WALTHOMPSON & ASSOCIATES, INC.

ENGINEERS • PLANNERS • SURVEYORS
7383 N.W. 52nd STREET
FORT LAUDERDALE, FLORIDA 33308
(954) 722-4080
FAX (954) 726-0190

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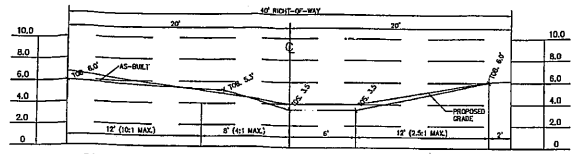
33rd AVENUE DITCH CROSS-SECTIONS

RECEIVED
SEP 23 2005

Date 15 DEC. 00
Project No.95-0065.03
Approved By:J.G.
Design By:P.J.G. DC-04
Drawn By: S.C.
Sheet No.43 116 of

BROWARD COUNTY ENG. DIV. REF. # 010427001



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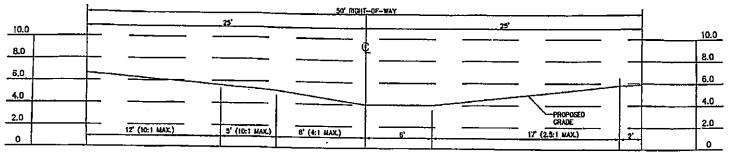

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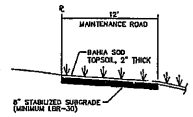

12' MAINTENANCE ROAD
N.T.S.

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8-22-05
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FLORIDA REGISTRATION NO. 5340
LANDS CONSTRUCTION COMPANY, FLORIDA, LB#7328
125 S.E. 5th COURT
DEERFIELD BEACH, FLORIDA 33441
(954) 970-0902 (954) 974-1657 FAX

LEGEND

DITCH FILL

PROPOSED GRADE

TOB=AS-BUILT TOP OF BANK
TOE=AS-BUILT TOE OF SLOPE

BROWARD COUNTY PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

☐ PLAN CONSISTENT WITH PLAT REQUIREMENTS

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4. ± 100. 0.4' INDICATES AS-BUILT SURVEY ELEVATION BASED ON AVIRON-TOLTON INFORMATION.
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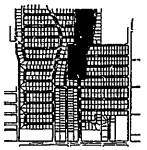

KEY MAP
SCALE NONE

BROWARD COUNTY
FLORIDA

BROWARD COUNTY OFFICE
OF
ENVIRONMENTAL SERVICES

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT
BROWARD ESTATES EAST

Revision	Date
30% SUBMITTAL – BROWARD ESTATES EAST	15 DEC. 00
60% SUBMITTAL – BROWARD ESTATES EAST	15 FEB. 01
100% SUBMITTAL – BROWARD ESTATES EAST	16 APRIL 01
RECORD – BROWARD ESTATES EAST	16 JULY 05

CERTIFICATE:
I HEREBY CERTIFY THAT THESE RECORD DRAWINGS AND THE FACILITY HAVE BEEN EXAMINED BY ME OR BY A REPRESENTATIVE UNDER MY DIRECT SUPERVISION FOR COMPLETENESS AND ACCURACY, AND ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF. THE REPRESENTATIVE FOR THE AS-BUILT DRAWINGS HAS BEEN DONE BY: [illegible]
REGISTERED PROFESSIONAL ENGINEER
JAN 26 2006
DATE
PROFESSIONAL ENGINEER

CRAVEN THOMPSON & ASSOCIATES, INC.
ENGINEERS • PLANNERS • SURVEYORS
2043 N.W. 52nd STREET
FORT LAUDERDALE, FLORIDA 33309
PHONE: (954) 776-1616
FAX: (954) 776-1108

FLORIDA LICENSED ENGINEERING, SURVEYING & MAPPING BUSINESS No. 271
FLORIDA LICENSED LANDSCAPE ARCHITECTURE BUSINESS No. C000144

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33rd AVENUE DITCH
CROSS-SECTIONS

Date 15 DEC. 00
Project No.95-0065.03
Approved By P.J.G.
Design By P.J.G.
Drawn By S.C.
Sheet No.14 116 of

DC-05

DRAFT

EXHIBIT 4
South Florida Water Management District Permit 06-02523-P Application 000222-3 for Melrose Park Storm System, and Application 99618-10 for Lauderhill Storm System

DRAFT
Subject to Governing Board Approval

LAST DATE FOR GOVERNING BOARD ACTION:
DECEMBER 9, 1999

ENVIRONMENTAL RESOURCE PERMIT STAFF REVIEW SUMMARY

I. ADMINISTRATIVE

APPLICATION NUMBER: 990618-10

PERMIT NUMBER: 06-02523-P

PROJECT NAME: CENTRAL COUNTY NEIGHBORHOOD

LOCATION: BROWARD COUNTY, S6/T50S/R42E

APPLICANT'S NAME: BROWARD COUNTY

OWNER'S NAME AND ADDRESS: BROWARD COUNTY
2555 WEST COPANS ROAD
POMPANO BEACH, FL 33069

ENGINEER: SHAH DROTOS & ASSOCIATES INC

II. PROJECT DESCRIPTION

PROJECT AREA: 2.20 acres **DRAINAGE AREA:** 1043.20 acres

DISTRICT DRAINAGE BASIN: C-12

RECEIVING BODY: NORTH FORK OF THE NEW RIVER

CLASSIFICATION: CLASS III

PURPOSE:

This application is a request for modification of Environmental Resource Permit number 06-02523-P, for the construction and operation of a portion of the surface water management system to serve the proposed retrofit of the Central County Neighborhood.

BACKGROUND:

On April 16, 1998, the Governing Board granted Conceptual Approval for a surface water management system which will serve a retrofited residential area known as the Central County Neighborhood. The neighborhoods included in the area are Melrose Park, Franklin Park, Washington Park, Boulevard Gardens, St. George and Broward Estates. The proposed retrofit had numerous surface water

management facilities that were to be constructed in phases in conjunction with other utility improvements. Construction authorization has already been granted for several components of the plan.

EXISTING FACILITIES:

The 35th Avenue ditch serves as a major conveyance of runoff from the Central County Neighborhood to the tidal reach of the North Fork of the New River (C-12 Canal). It presently ties into the North Fork via an open channel connection downstream of structure S-33. The runoff rate into the North Fork of the New River is not regulated by any structural method.

PROPOSED FACILITIES:

The proposed work involves replacing the 35th Avenue ditch with a 5,100 foot length of 14' wide by 7' high reinforced concrete box culvert. The culvert will have a weir on its downstream end that will serve to attenuate the peak runoff rate. In addition, a R/W Occupancy Permit has been modified to allow the culverting of the existing open channel connection to the North Fork of the New River, downstream of S-33.

The proposed control structure includes slide gates which are not to be operated until such time as Broward County obtains District authorization to utilize them as an Emergency Structure.

Some of the drainage areas served by the conveyance have already been retrofitted with exfiltration trench. The remaining drainage areas served by the proposed conveyance will be retrofitted with exfiltration trench under future applications.

BASIN INFORMATION:

Basin	Area Acres	WSWT Elev (ft, NGVD)	Normal/Dry Ctrl Elev (ft, NGVD)	Method of Determination
35TH AVENUE CULVERT	1043.20	2.00	2/2	WET SEASON WTR TABLE CONTOUR MAP

Major Discharge Structures:

Basin	Str. #	Description	Crest Elev. (ft, NGVD)

Major Discharge Structures:

Basin	Str. #	Description	Crest Elev. (ft, NGVD)
35TH AVENUE CULVERT	1	20' wide SHARP CRESTED weir	3.00
35TH AVENUE CULVERT	1	3.5' wide X 6.1' high slide gate	3.00
35TH AVENUE CULVERT	1	3.5' wide X 6.1' high slide gate	3.00
35TH AVENUE CULVERT	1	3.5' wide X 6.1' high slide gate	3.00

—3.0 NGVD

Discharge Culverts:

Basin	Str. #	Description
35TH AVENUE CULVERT	1	235' long. 14' wide X 7' high OTHER/MISC.

Receiving Body:

Basin	Str. #	Receiving Body
35TH AVENUE CULVERT	1	NORTH FORK OF THE NEW RIVER

III. PROJECT EVALUATION

Discharge Rate:

The applicants engineer submitted calculations as part of the Conceptual Approval which demonstrated that the proposed project would discharge 14% less water to the North Fork of the New River than presently occurs under the existing conditions.

WATER QUALITY:

The proposed work only involves the construction of a backbone conveyance facility, therefore, no water quality treatment areas are proposed to be constructed as part of this application. Some of the 1043 acres served by this conveyance, however, has already been retrofitted with exfiltration trench. Additional exfiltration trench is proposed to be constructed under future applications as outlined within the Conceptual Approval.

The proposed culvert will incorporate aeration grates at 75 foot intervals in an attempt to put dissolved oxygen into solution during discharge events. There are several new catch basins proposed immediately adjacent to the box culvert that will have pollution control baffles.

During construction, turbidity barriers will be utilized at the point where the culvert connects into the North Fork of the New River. Other temporary erosion and turbidity control measures to be taken include but are not limited to:
1)Watering of construction site for dust control.
2)Restoring the final grade with sod.
3)Stabilizing vehicle paths.
4)Hay bales with silt screen installed along the limits of construction.
5)Canal bank areas will be protected with a temporary erosion control mat.
6)Storm drain catch basin inlets discharging into the culvert will be protected by block and gravel sediment filters.

IV. ENVIRONMENTAL ASSESSMENT

ENVIRONMENTAL SUMMARY:

This project is located at the 35th Avenue ditch canal easement from 1st Street to the North Fork of the New River within the previously permitted Central County Neighborhood Improvement Project (Permit # 06-02523-P). The applicant proposes the replacement of an existing ditch by a culvert system to serve 1043 acres of mixed commercial and residential development. The proposed culvert system consists of 5090 linear feet of 14' x 7' reinforced concrete box (RCB) with aeration mechanisms every 75' apart and a design control elevation set at 3.0' N.G.V.D. The area where work is proposed consists of 5.85 acres of existing ditch and related easement. No jurisdictional wetlands were identified in the previous permit for the area covered in this project.

The proposed activities have been evaluated for potential secondary and cumulative impacts and to determine if the project is contrary to the public interest. Based upon the proposed project design, the District has determined that the project will not cause adverse secondary or cumulative impacts to the water resources and is not contrary to the public interest.

SYSTEM OPERATION:

Broward County

PROPOSED LAND USE(S):

Residential

WATER USE PERMIT STATUS:

A Water Use permit is not required for this project, at this time. It is anticipated that a dewatering permit will be required prior to construction.

DRI STATUS:

This project is not a DRI.

SAVE OUR RIVERS:

The project is not within or adjacent to lands under consideration by the Save Our Rivers program.

SWIM BASIN:

The project is not within nor does it discharge directly to a designated SWIM basin.

RIGHT-OF-WAY PERMIT STATUS:

Broward County's Right-of-Way Permit was modified on August 12, 1999. It authorized the culverting of the existing open channel connection to the North Fork of the New River.

ENFORCEMENT ACTIVITY:

There has been no enforcement activity associated with this application.

THIRD PARTY INTEREST:

No third party has contacted the District with concerns about this application.

WELL FIELD ZONE OF INFLUENCE:

The project is not located within the zone of influence of a wellfield.

V. APPLICABLE LAND AREA

The area of R/W that will be disturbed for this work is equal to 2.2 acres. The buried culvert will occupy 1.64 acres. The 0.47 acres of pavement represents the 4' wide bike path that will be constructed on top of the buried culvert.

PROJECT

	TOTAL PROJECT	PREVIOUSLY PERMITTED	THIS PHASE	
TOTAL ACRES	2.20		2.20	acres
PAVEMENT	.47		.47	acres
PERVIOUS	1.73		1.73	acres

DRAFT
Subject to Governing Board Approval

VI. STAFF RECOMMENDATION

The Staff recommends that the following be issued:

Authorization for modification of a surface water management system to serve a proposed retrofit project known as the 35th Avenue Ditch Culverting Project.

Based on the information provided, District rules have been adhered to.

Staff recommendation is for approval subject to the attached General and Special Conditions.

VII. STAFF REVIEW

NATURAL RESOURCE MANAGEMENT DIVISION APPROVAL

ENVIRONMENTAL EVALUATION

Luis Colon

SUPERVISOR

Anita R. Bain

DIVISION DIRECTOR:

for Anita R. Bain
Robert G. Robbins

DATE: 10/20/99

SURFACE WATER MANAGEMENT DIVISION APPROVAL

ENGINEERING EVALUATION

Kevin G. Dickson, P.E.

SUPERVISOR

Carlos A. de Rojas, P.E.

DIVISION DIRECTOR:

Anthony M. Waterhouse, P.E.

DATE: 10/27/99

GENERAL CONDITIONS

1. ALL ACTIVITIES AUTHORIZED BY THIS PERMIT SHALL BE IMPLEMENTED AS SET FORTH IN THE PLANS, SPECIFICATIONS AND PERFORMANCE CRITERIA AS APPROVED BY THIS PERMIT. ANY DEVIATION FROM THE PERMITTED ACTIVITY AND THE CONDITIONS FOR UNDERTAKING THAT ACTIVITY SHALL CONSTITUTE A VIOLATION OF THIS PERMIT AND PART IV, CHAPTER 373, F.S.

2. THIS PERMIT OR A COPY THEREOF, COMPLETE WITH ALL CONDITIONS, ATTACHMENTS, EXHIBITS, AND MODIFICATIONS SHALL BE KEPT AT THE WORK SITE OF THE PERMITTED ACTIVITY. THE COMPLETE PERMIT SHALL BE AVAILABLE FOR REVIEW AT THE WORK SITE UPON REQUEST BY THE DISTRICT STAFF. THE PERMITTEE SHALL REQUIRE THE CONTRACTOR TO REVIEW THE COMPLETE PERMIT PRIOR TO COMMENCEMENT OF THE ACTIVITY AUTHORIZED BY THIS PERMIT.

3. ACTIVITIES APPROVED BY THIS PERMIT SHALL BE CONDUCTED IN A MANNER WHICH DOES NOT CAUSE VIOLATIONS OF STATE WATER QUALITY STANDARDS. THE PERMITTEE SHALL IMPLEMENT BEST MANAGEMENT PRACTICES FOR EROSION AND POLLUTION CONTROL TO PREVENT VIOLATION OF STATE WATER QUALITY STANDARDS. TEMPORARY EROSION CONTROL SHALL BE IMPLEMENTED PRIOR TO AND DURING CONSTRUCTION, AND PERMANENT CONTROL MEASURES SHALL BE COMPLETED WITHIN 7 DAYS OF ANY CONSTRUCTION ACTIVITY. TURBIDITY BARRIERS SHALL BE INSTALLED AND MAINTAINED AT ALL LOCATIONS WHERE THE POSSIBILITY OF TRANSFERRING SUSPENDED SOLIDS INTO THE RECEIVING WATERBODY EXISTS DUE TO THE PERMITTED WORK. TURBIDITY BARRIERS SHALL REMAIN IN PLACE AT ALL LOCATIONS UNTIL CONSTRUCTION IS COMPLETED AND SOILS ARE STABILIZED AND VEGETATION HAS BEEN ESTABLISHED. ALL PRACTICES SHALL BE IN ACCORDANCE WITH THE GUIDELINES AND SPECIFICATIONS DESCRIBED IN CHAPTER 6 OF THE FLORIDA LAND DEVELOPMENT MANUAL; A GUIDE TO SOUND LAND AND WATER MANAGEMENT (DEPARTMENT OF ENVIRONMENTAL REGULATION, 1988), INCORPORATED BY REFERENCE IN RULE 40E-4.091, F.A.C. UNLESS A PROJECT-SPECIFIC EROSION AND SEDIMENT CONTROL PLAN IS APPROVED AS PART OF THE PERMIT. THEREAFTER THE PERMITTEE SHALL BE RESPONSIBLE FOR THE REMOVAL OF THE BARRIERS. THE PERMITTEE SHALL CORRECT ANY EROSION OR SHOALING THAT CAUSES ADVERSE IMPACTS TO THE WATER RESOURCES.

4. THE PERMITTEE SHALL NOTIFY THE DISTRICT OF THE ANTICIPATED CONSTRUCTION START DATE WITHIN 30 DAYS OF THE DATE THAT THIS PERMIT IS ISSUED. AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF ACTIVITY AUTHORIZED BY THIS PERMIT, THE PERMITTEE SHALL SUBMIT TO THE DISTRICT AN ENVIRONMENTAL RESOURCE PERMIT CONSTRUCTION COMMENCEMENT NOTICE FORM NO. 0960 INDICATING THE ACTUAL START DATE AND THE EXPECTED COMPLETION DATE.

5. WHEN THE DURATION OF CONSTRUCTION WILL EXCEED ONE YEAR, THE PERMITTEE SHALL SUBMIT CONSTRUCTION STATUS REPORTS TO THE DISTRICT ON AN ANNUAL BASIS UTILIZING AN ANNUAL STATUS REPORT FORM. STATUS REPORT FORMS SHALL BE SUBMITTED THE FOLLOWING JUNE OF EACH YEAR.

6. WITHIN 30 DAYS AFTER COMPLETION OF CONSTRUCTION OF THE PERMITTED ACTIVITY, THE PERMITTEE SHALL SUBMIT A WRITTEN STATEMENT OF COMPLETION AND CERTIFICATION BY A REGISTERED PROFESSIONAL ENGINEER OR OTHER APPROPRIATE INDIVIDUAL AS AUTHORIZED BY LAW, UTILIZING THE SUPPLIED ENVIRONMENTAL

RESOURCE PERMIT CONSTRUCTION COMPLETION/CONSTRUCTION CERTIFICATION FORM NO.0881. THE STATEMENT OF COMPLETION AND CERTIFICATION SHALL BE BASED ON ONSITE OBSERVATION OF CONSTRUCTION OR REVIEW OF ASBUILT DRAWINGS FOR THE PURPOSE OF DETERMINING IF THE WORK WAS COMPLETED IN COMPLIANCE WITH PERMITTED PLANS AND SPECIFICATIONS. THIS SUBMITTAL SHALL SERVE TO NOTIFY THE DISTRICT THAT THE SYSTEM IS READY FOR INSPECTION. ADDITIONALLY, IF DEVIATION FROM THE APPROVED DRAWINGS ARE DISCOVERED DURING THE CERTIFICATION PROCESS, THE CERTIFICATION MUST BE ACCOMPANIED BY A COPY OF THE APPROVED PERMIT DRAWINGS WITH DEVIATIONS NOTED. BOTH THE ORIGINAL AND REVISED SPECIFICATIONS MUST BE CLEARLY SHOWN. THE PLANS MUST BE CLEARLY LABELED AS "ASBUILT" OR "RECORD" DRAWING. ALL SURVEYED DIMENSIONS AND ELEVATIONS SHALL BE CERTIFIED BY A REGISTERED SURVEYOR.

7. THE OPERATION PHASE OF THIS PERMIT SHALL NOT BECOME EFFECTIVE: UNTIL THE PERMITTEE HAS COMPLIED WITH THE REQUIREMENTS OF CONDITION (6) ABOVE, HAS SUBMITTED A REQUEST FOR CONVERSION OF ENVIRONMENTAL RESOURCE PERMIT FROM CONSTRUCTION PHASE TO OPERATION PHASE, FORM NO.0920; THE DISTRICT DETERMINES THE SYSTEM TO BE IN COMPLIANCE WITH THE PERMITTED PLANS AND SPECIFICATIONS; AND THE ENTITY APPROVED BY THE DISTRICT IN ACCORDANCE WITH SECTIONS 9.0 AND 10.0 OF THE BASIS OF REVIEW FOR ENVIRONMENTAL RESOURCE PERMIT APPLICATIONS WITHIN THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT - AUGUST 1995, ACCEPTS RESPONSIBILITY FOR OPERATION AND MAINTENANCE OF THE SYSTEM. THE PERMIT SHALL NOT BE TRANSFERRED TO SUCH APPROVED OPERATION AND MAINTENANCE ENTITY UNTIL THE OPERATION PHASE OF THE PERMIT BECOMES EFFECTIVE. FOLLOWING INSPECTION AND APPROVAL OF THE PERMITTED SYSTEM BY THE DISTRICT, THE PERMITTEE SHALL INITIATE TRANSFER OF THE PERMIT TO THE APPROVED RESPONSIBLE OPERATING ENTITY IF DIFFERENT FROM THE PERMITTEE. UNTIL THE PERMIT IS TRANSFERRED PURSUANT TO SECTION 40E-1.6107, F.A.C., THE PERMITTEE SHALL BE LIABLE FOR COMPLIANCE WITH THE TERMS OF THE PERMIT.

8. EACH PHASE OR INDEPENDENT PORTION OF THE PERMITTED SYSTEM MUST BE COMPLETED IN ACCORDANCE WITH THE PERMITTED PLANS AND PERMIT CONDITIONS PRIOR TO THE INITIATION OF THE PERMITTED USE OF SITE INFRASTRUCTURE LOCATED WITHIN THE AREA SERVED BY THAT PORTION OR PHASE OF THE SYSTEM. EACH PHASE OR INDEPENDENT PORTION OF THE SYSTEM MUST BE COMPLETED IN ACCORDANCE WITH THE PERMITTED PLANS AND PERMIT CONDITIONS PRIOR TO TRANSFER OF RESPONSIBILITY FOR OPERATION AND MAINTENANCE OF THE PHASE OR PORTION OF THE SYSTEM TO A LOCAL GOVERNMENT OR OTHER RESPONSIBLE ENTITY.

9. FOR THOSE SYSTEMS THAT WILL BE OPERATED OR MAINTAINED BY AN ENTITY THAT WILL REQUIRE AN EASEMENT OR DEED RESTRICTION IN ORDER TO ENABLE THAT ENTITY TO OPERATE OR MAINTAIN THE SYSTEM IN CONFORMANCE WITH THIS PERMIT, SUCH EASEMENT OR DEED RESTRICTION MUST BE RECORDED IN THE PUBLIC RECORDS AND SUBMITTED TO THE DISTRICT ALONG WITH ANY OTHER FINAL OPERATION AND MAINTENANCE DOCUMENTS REQUIRED BY SECTIONS 9.0 AND 10.0 OF THE BASIS OF REVIEW FOR ENVIRONMENTAL RESOURCE PERMIT APPLICATIONS WITHIN THE SOUTH FLORIDA WATER MANAGEMENT DISTRICT - AUGUST 1995, PRIOR TO LOT OR UNIT SALES OR PRIOR TO THE COMPLETION OF THE SYSTEM, WHICHEVER OCCURS FIRST. OTHER DOCUMENTS CONCERNING THE ESTABLISHMENT AND AUTHORITY OF THE OPERATING ENTITY MUST BE FILED WITH THE SECRETARY OF STATE WHERE APPROPRIATE. FOR THOSE SYSTEMS WHICH ARE PROPOSED TO BE MAINTAINED BY THE

COUNTY OR MUNICIPAL ENTITIES, FINAL OPERATION AND MAINTENANCE DOCUMENTS MUST BE RECEIVED BY THE DISTRICT WHEN MAINTENANCE AND OPERATION OF THE SYSTEM IS ACCEPTED BY THE LOCAL GOVERNMENT ENTITY. FAILURE TO SUBMIT THE APPROPRIATE FINAL DOCUMENTS WILL RESULT IN THE PERMITTEE REMAINING LIABLE FOR CARRYING OUT MAINTENANCE AND OPERATION OF THE PERMITTED SYSTEM AND ANY OTHER PERMIT CONDITIONS.

10. SHOULD ANY OTHER REGULATORY AGENCY REQUIRE CHANGES TO THE PERMITTED SYSTEM, THE PERMITTEE SHALL NOTIFY THE DISTRICT IN WRITING OF THE CHANGES PRIOR TO IMPLEMENTATION SO THAT A DETERMINATION CAN BE MADE WHETHER A PERMIT MODIFICATION IS REQUIRED.

11. THIS PERMIT DOES NOT ELIMINATE THE NECESSITY TO OBTAIN ANY REQUIRED FEDERAL, STATE, LOCAL AND SPECIAL DISTRICT AUTHORIZATIONS PRIOR TO THE START OF ANY ACTIVITY APPROVED BY THIS PERMIT. THIS PERMIT DOES NOT CONVEY TO THE PERMITTEE OR CREATE IN THE PERMITTEE ANY PROPERTY RIGHT, OR ANY INTEREST IN REAL PROPERTY, NOR DOES IT AUTHORIZE ANY ENTRANCE UPON OR ACTIVITIES ON PROPERTY WHICH IS NOT OWNED OR CONTROLLED BY THE PERMITTEE, OR CONVEY ANY RIGHTS OR PRIVILEGES OTHER THAN THOSE SPECIFIED IN THE PERMIT AND CHAPTER 40E-4 OR CHAPTER 40E-40, F.A.C.

12. THE PERMITTEE IS HEREBY ADVISED THAT SECTION 253.77, F.S. STATES THAT A PERSON MAY NOT COMMENCE ANY EXCAVATION, CONSTRUCTION, OR OTHER ACTIVITY INVOLVING THE USE OF SOVEREIGN OR OTHER LANDS OF THE STATE, THE TITLE TO WHICH IS VESTED IN THE BOARD OF TRUSTEES OF THE INTERNAL IMPROVEMENT TRUST FUND WITHOUT OBTAINING THE REQUIRED LEASE, LICENSE, EASEMENT, OR OTHER FORM OF CONSENT AUTHORIZING THE PROPOSED USE. THEREFORE, THE PERMITTEE IS RESPONSIBLE FOR OBTAINING ANY NECESSARY AUTHORIZATIONS FROM THE BOARD OF TRUSTEES PRIOR TO COMMENCING ACTIVITY ON SOVEREIGNTY LANDS OR OTHER STATE-OWNED LANDS.

13. THE PERMITTEE MUST OBTAIN A WATER USE PERMIT PRIOR TO CONSTRUCTION DEWATERING, UNLESS THE WORK QUALIFIES FOR A GENERAL PERMIT PURSUANT TO SUBSECTION 40E-20.302(4), F.A.C., ALSO KNOWN AS THE "NO NOTICE" RULE.

14. THE PERMITTEE SHALL HOLD AND SAVE THE DISTRICT HARMLESS FROM ANY AND ALL DAMAGES, CLAIMS, OR LIABILITIES WHICH MAY ARISE BY REASON OF THE CONSTRUCTION, ALTERATION, OPERATION, MAINTENANCE, REMOVAL, ABANDONMENT OR USE OF ANY SYSTEM AUTHORIZED BY THE PERMIT.

15. ANY DELINEATION OF THE EXTENT OF A WETLAND OR OTHER SURFACE WATER SUBMITTED AS PART OF THE PERMIT APPLICATION, INCLUDING PLANS OR OTHER SUPPORTING DOCUMENTATION, SHALL NOT BE CONSIDERED BINDING UNLESS A SPECIFIC CONDITION OF THIS PERMIT OR A FORMAL DETERMINATION UNDER SECTION 373.421(2), F.S., PROVIDES OTHERWISE.

16. THE PERMITTEE SHALL NOTIFY THE DISTRICT IN WRITING WITHIN 30 DAYS OF ANY SALE, CONVEYANCE, OR OTHER TRANSFER OF OWNERSHIP OR CONTROL OF A PERMITTED SYSTEM OR THE REAL PROPERTY ON WHICH THE PERMITTED SYSTEM IS LOCATED. ALL TRANSFERS OF OWNERSHIP OR TRANSFERS OF A PERMIT ARE SUBJECT TO THE REQUIREMENTS OF RULES 40E-1.6105 AND 40E-1.6107, F.A.C. THE PERMITTEE *

TRANSFERRING THE PERMIT SHALL REMAIN LIABLE FOR CORRECTIVE ACTIONS THAT MAY BE REQUIRED AS A RESULT OF ANY VIOLATIONS PRIOR TO THE SALE, CONVEYANCE OR OTHER TRANSFER OF THE SYSTEM.

17. UPON REASONABLE NOTICE TO THE PERMITTEE, DISTRICT AUTHORIZED STAFF WITH PROPER IDENTIFICATION SHALL HAVE PERMISSION TO ENTER, INSPECT, SAMPLE AND TEST THE SYSTEM TO INSURE CONFORMITY WITH THE PLANS AND SPECIFICATIONS APPROVED BY THE PERMIT.

18. IF HISTORICAL OR ARCHAEOLOGICAL ARTIFACTS ARE DISCOVERED AT ANY TIME ON THE PROJECT SITE, THE PERMITTEE SHALL IMMEDIATELY NOTIFY THE APPROPRIATE DISTRICT SERVICE CENTER.

19. THE PERMITTEE SHALL IMMEDIATELY NOTIFY THE DISTRICT IN WRITING OF ANY PREVIOUSLY SUBMITTED INFORMATION THAT IS LATER DISCOVERED TO BE INACCURATE.

SPECIAL CONDITIONS

1. DISCHARGE FACILITIES:

   1-20' WIDE SHARP CRESTED WEIR WITH CREST AT ELEV. 3' NGVD.
   235 LF OF 14' WIDE X 7' HIGH OTHER/MISC. CULVERT.
   3-3.5' WIDE X 6.1' HIGH SLIDE GATES WITH INVERT AT ELEV. -3.1' NGVD AND WITH CREST AT ELEV. 3' NGVD.

   RECEIVING BODY : NORTH FORK OF THE NEW RIVER

   CONTROL ELEV : 2 FEET NGVD. /2 FEET NGVD DRY SEASON.

2. THE PERMITTEE SHALL BE RESPONSIBLE FOR THE CORRECTION OF ANY EROSION, SHOALING OR WATER QUALITY PROBLEMS THAT RESULT FROM THE CONSTRUCTION OR OPERATION OF THE SURFACE WATER MANAGEMENT SYSTEM.

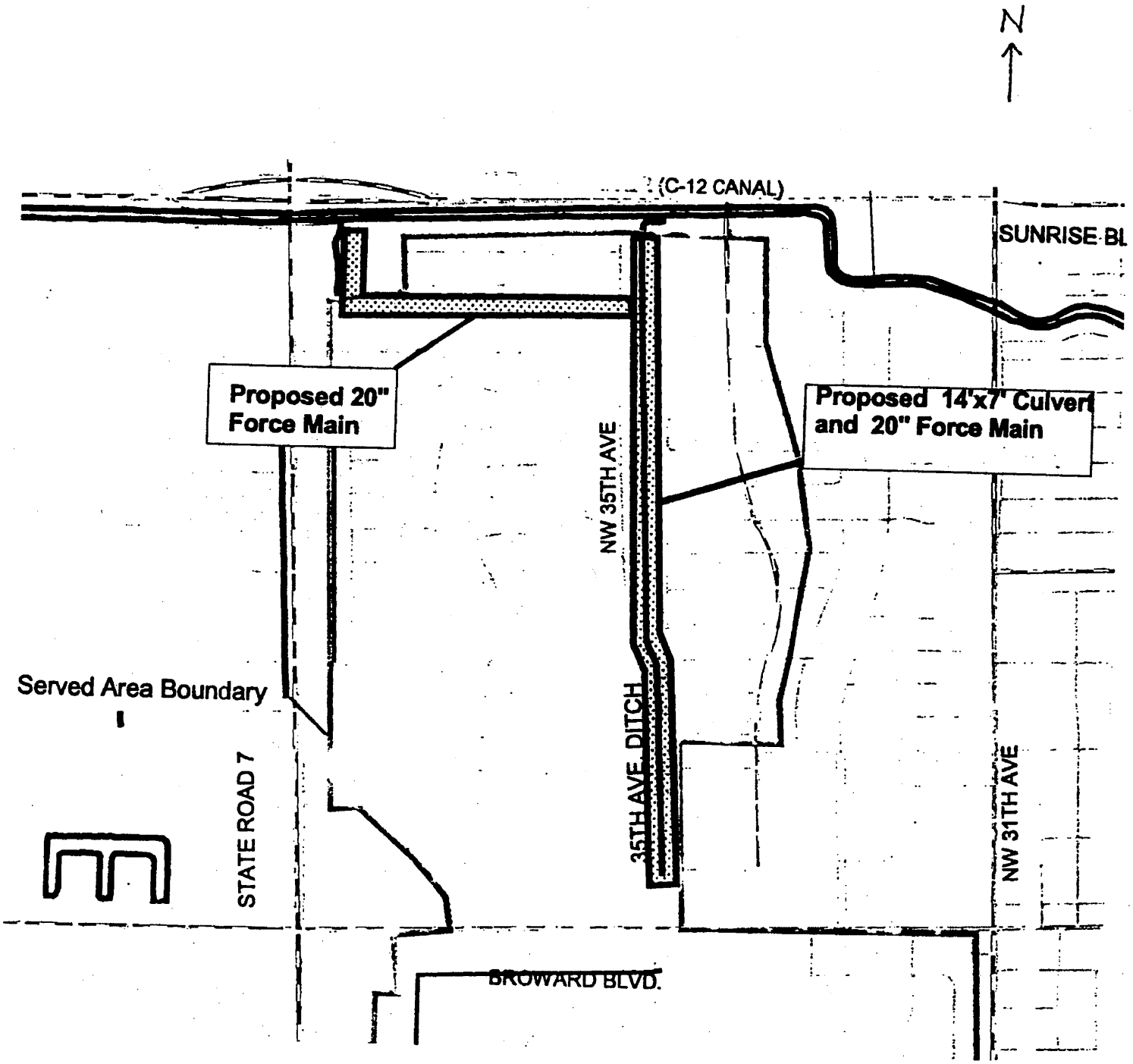
3. MEASURES SHALL BE TAKEN DURING CONSTRUCTION TO INSURE THAT SEDIMENTATION AND/OR TURBIDITY PROBLEMS ARE NOT CREATED IN THE RECEIVING WATER.

4. THE DISTRICT RESERVES THE RIGHT TO REQUIRE THAT ADDITIONAL WATER QUALITY TREATMENT METHODS BE INCORPORATED INTO THE DRAINAGE SYSTEM IF SUCH MEASURES ARE SHOWN TO BE NECESSARY.

5. FACILITIES OTHER THAN THOSE STATED HEREIN SHALL NOT BE CONSTRUCTED WITHOUT AN APPROVED MODIFICATION OF THIS PERMIT.

6. OPERATION OF THE SURFACE WATER MANAGEMENT SYSTEM SHALL BE THE RESPONSIBILITY OF BROWARD COUNTY. *

7. THIS PERMIT DOES NOT AUTHORIZE THE OPERATION OF THE SLIDE GATES WHICH ARE INCORPORATED WITHIN THE CONTROL STRUCTURE. *

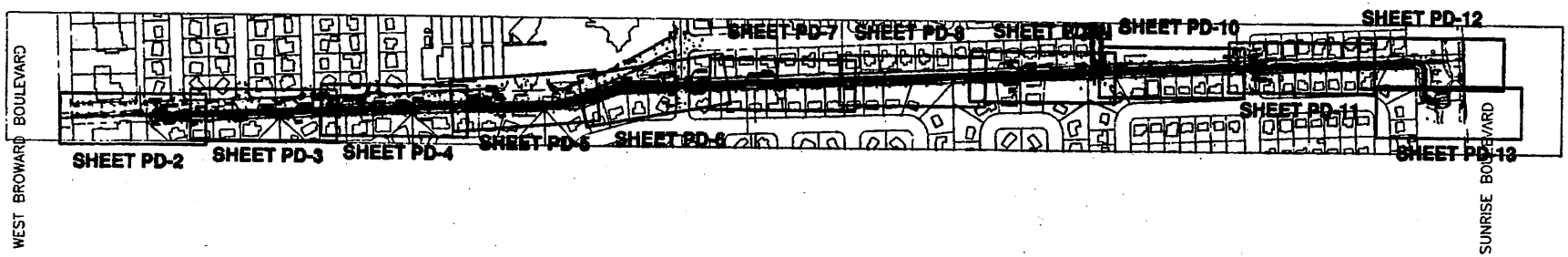


Location Map

35th Ave Ditch Culverting Project

EXHIBIT 1

EXHIBIT 2



TYPICAL ABBREVIATION LEGEND

B.O.P.	BEGINNING OF PROJECT
B.S.E.W.	BLACK STEEL ENAMEL COATED
CB	CATCH BASIN
C.I.P.	CAST IRON PIPE
℄	CENTERLINE
CMP	CORRUGATED METAL PIPE
CPP	CONCRETE POWER POLE
DIP	DUCTILE IRON PIPE
DMAS	DRAINAGE MAINTENANCE ACCESS STRUCTURE
EOP	EDGE OF PAVEMENT
EOW	EDGE OF WATER
EXIST.	EXISTING
FH	FIRE HYDRANT
FM	SANITARY FORCEMAIN
FND	FOUND
IP	IRON PIPE
LP	LIGHT POLE
MAS	MAINTENANCE ACCESS STRUCTURE
MPS	MASTER PUMP STATION
RCP	REINFORCED CONCRETE PIPE
R/W	RIGHT OF WAY
SBT	SOUTHERN BELL TELEPHONE
SMAS	SANITARY MAINTENANCE ACCESS STRUCTURE
TEB	TELEPHONE BOX
TOB	TOP OF BANK
VCP	VITRIFIED CLAY PIPE
WM	WATER METER
WPP	WOOD POWER POLE
WV	WATER VALVE

TYPICAL SYMBOL LEGEND

- CHAIN LINK FENCE
- STREET LAMP
- SIGN
- ELECTRIC BOX
- PALM TREE
- DECIDUOUS TREE
- REDUCER
- GATE VALVE
- 90° BEND
- TEE
- WATER METER
- FIRE HYDRANT
- 2/12 EXISTING GRADE
- CATCH BASIN
- POLE ANCHOR
- WOOD POWER POLE
- CONCRETE POWER POLE

PERMIT SET
MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION

MATERIAL
ALL MATERIAL USED AND INSTALLATIONS MADE WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS SHALL BE IN ACCORDANCE WITH BROWARD COUNTY ENGINEERING DIVISION "MINIMUM STANDARDS"

NOTICE
INSPECTION REQUIRED
24HRS. PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RIGHT-OF-WAY CONTACT THE BROWARD COUNTY ENGINEERING DIVISION AT (954)357-6233 FOR INSPECTION

NOTE
APPROVAL OF THIS PLAN DOES NOT CONSTITUTE A PERMIT FOR CONSTRUCTION. A PERMIT FOR CONSTRUCTION MUST BE OBTAINED FROM THE BROWARD COUNTY ENGINEERING DIVISION PRIOR TO COMMENCING CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY.

REVISIONS

DATE	BY	REVISIONS
10/30/98	S.A.A.	REVISE FOR PROPERTY OWNERS

SDA SHAH DROTOS & ASSOCIATES
ENGINEERING SURVEYING PLANNING
1800 W. Commercial Blvd. • Suite 150 • Ft. Lauderdale, Fl. 33309
PH: 954-776-7604 • FAX: 954-776-7626

DRAWN BY: J.A.C.
CHECKED BY: J.F.D.
DESIGNED BY: J.F.D.
APPROVED BY: S.D.A.
SCALE: 1"=200'

CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT
BROWARD COUNTY, FLORIDA

DRAINAGE CULVERT KEY-MAP

SEAL

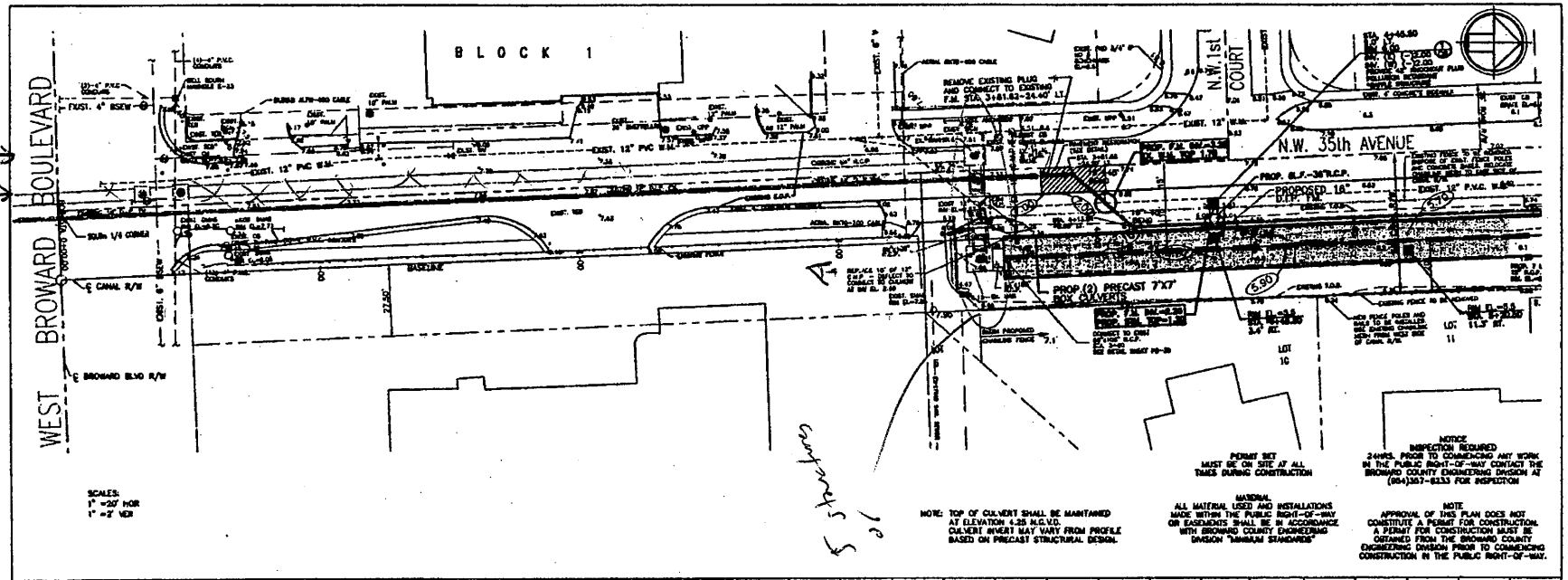
07/22/99
FLA. P.E. No. 36505

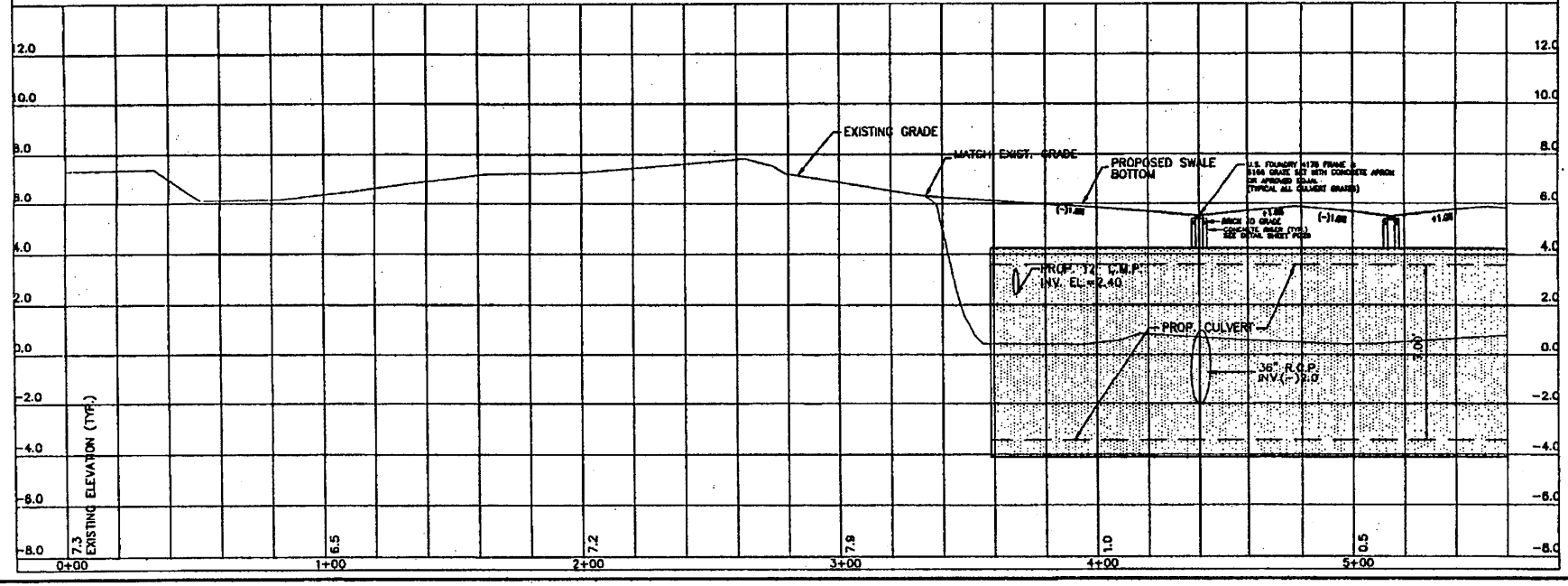
DATE: SEPT., 1998
JOB NO.: 0280A.000
SHEET: PD-1

Landfill ?

(2) 36"

EXHIBIT 3





REVISIONS			
MARK	BY	DATE	DESCRIPTION
1	J.J.C.	1-8-99	REVISE J.J. FOR COUNTY COMMENTS
2	J.J.C.	6-2-99	REVISE J.J. FOR COUNTY COMMENTS
3	J.J.C.	6-30-99	REVISE CULVERT
4	J.J.C.	8-5-99	REVISE INVERTS, TEST TO INTERMEDIATE WATER TABLE/PLAN

Broward County Office of Environmental Services

SDA SHAH DIMITROS ASSOCIATES
1883 W. Commercial Blvd. • Suite 100 • Ft. Lauderdale, FL 33309
PH: 954-776-7604 • FAX: 954-776-7608

DRAWN BY: J.J.C.
CHECKED BY: J.J.D.
DESIGNED BY: J.J.D.
APPROVED BY: S.D.A.
SCALE: HORZ:1"=20' VERT:1"=2'

C.C.N.I.P.
35th AVENUE DITCH AND FORCEMAIN
BROWARD COUNTY, FLORIDA

DRAINAGE CULVERT PLAN AND PROFILE

SEAL

FLA. P.E. No. 33303

DATE: SEPT.,1998
JOB NO. 0280A.000
SHEET PD-2

EXHIBIT 4

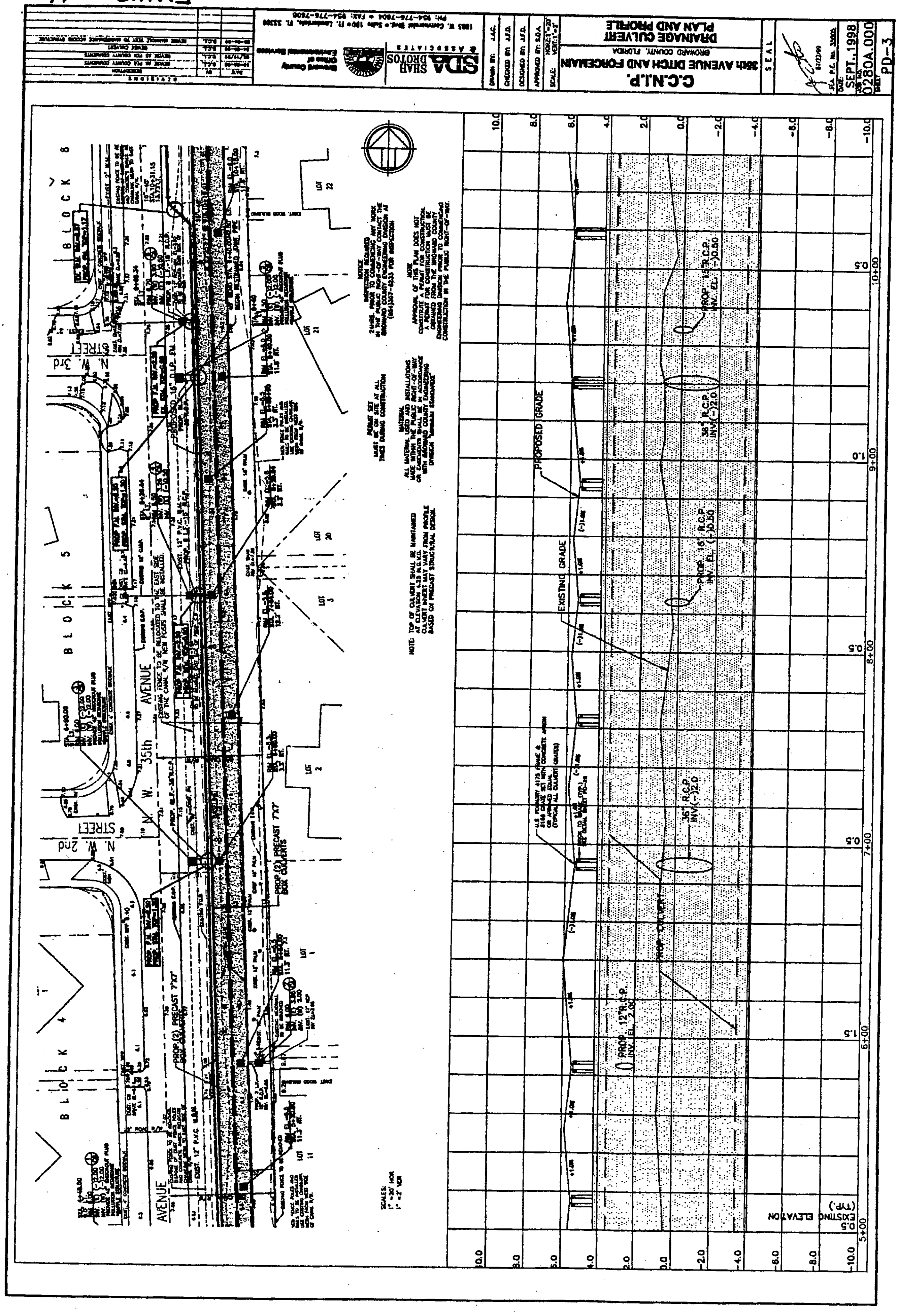
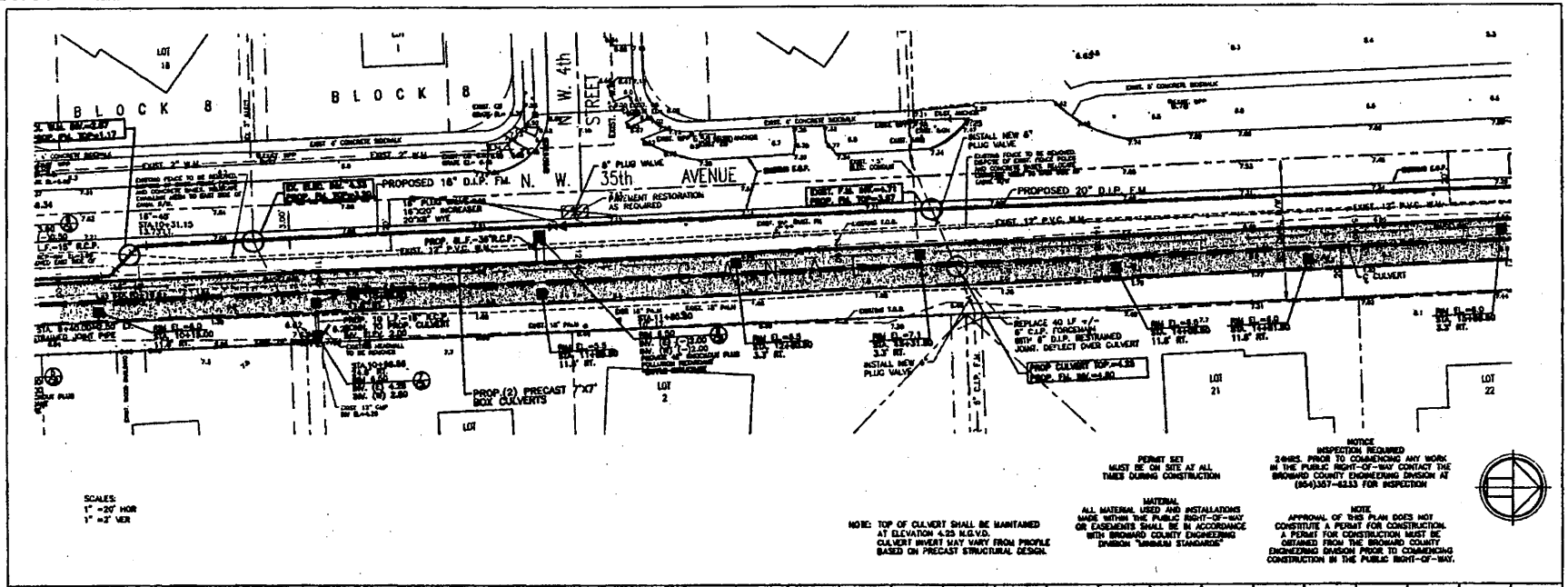
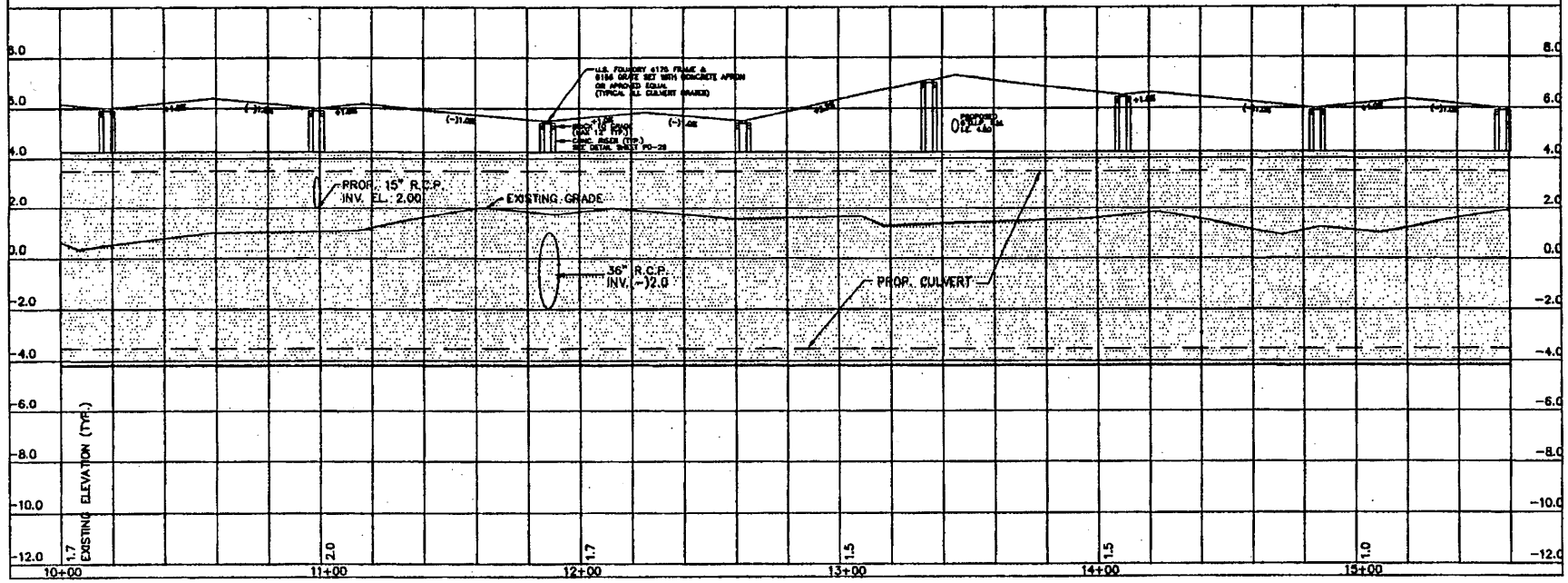

C.C.N.I.P.
35th AVENUE DITCH AND FORCEMAIN
BROWARD COUNTY, FLORIDA
DRAINAGE CULVERT
PLAN AND PROFILE
SEPT. 1998
0280A.000
PD-3

EXHIBIT 5





REV.	BY	REVISIONS
1	J.A.C.	REVISE AS PER COUNTY COMMENTS
2	J.A.C.	REVISE AS PER COUNTY COMMENTS
3	J.A.C.	REVISE CULVERT
4	J.A.C.	REVISE MANHOLE TEST TO MAINTENANCE ACCESS STRUCTURE

Broward County Office of Environmental Services

SDA SHAH DROTOS & ASSOCIATES
1985 W. Commercial Blvd. • Suite 190 • Ft. Lauderdale, FL 33309
PH: 954-776-7604 • FAX: 954-776-7608

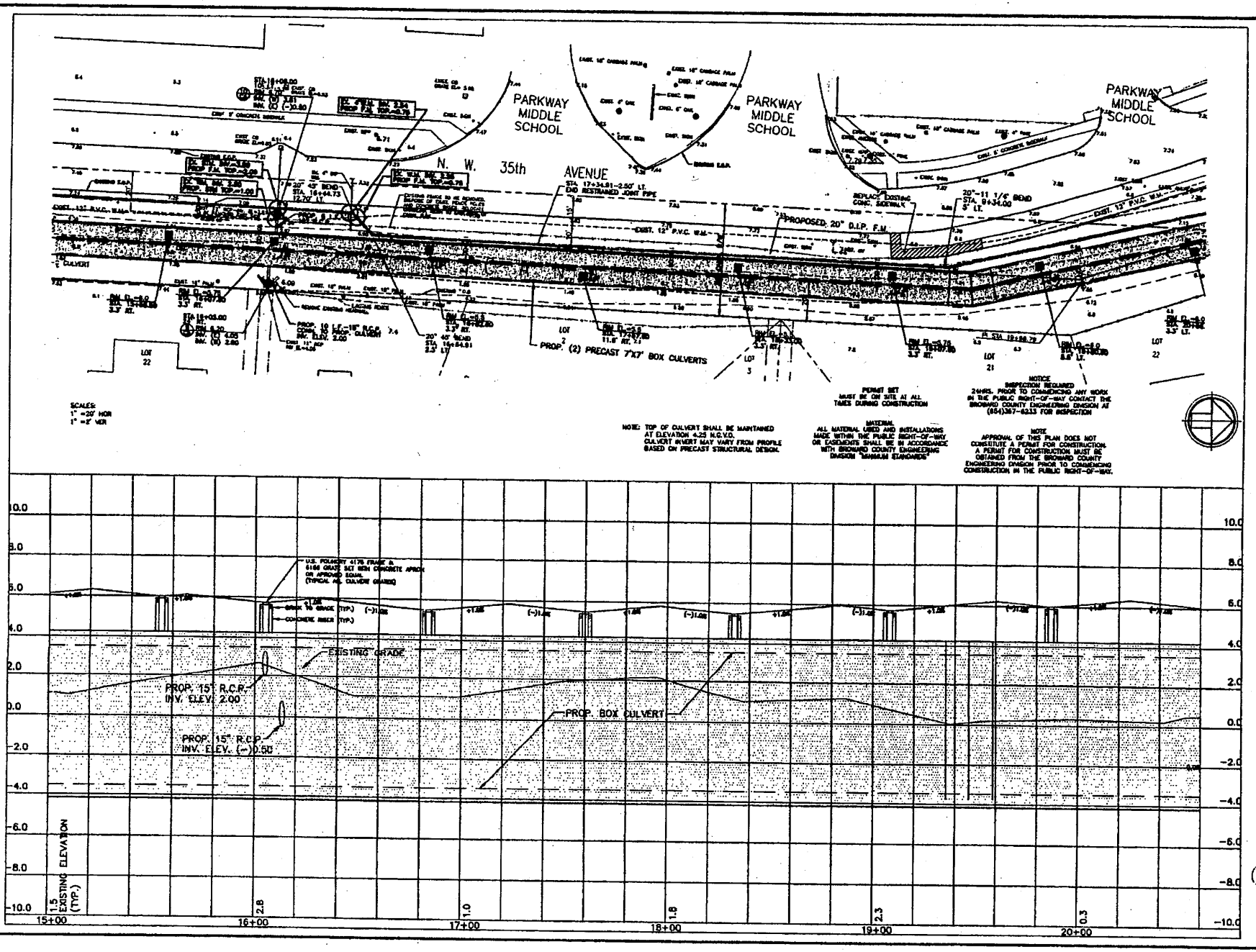
DRAWN BY: J.A.C.
CHECKED BY: J.F.D.
DESIGNED BY: J.F.D.
APPROVED BY: S.D.A.
SCALE: HOR:1"=20' VERT:1"=2'

C.C.N.I.P.
35th AVENUE DITCH AND FORCEMAIN
BROWARD COUNTY, FLORIDA
DRAINAGE CULVERT PLAN AND PROFILE

SEAL
07/22/99
FLA. P.E. No.35505

DATE: SEPT., 1998
JOB NO. 0280A.000
SHEET PD-4

EXHIBIT 6



REVISIONS

DATE	BY	REVISION DESCRIPTION
10-21-98	S.D.A.	REVISE ALL PER COUNTY COMMENTS
02-24-99	S.D.A.	REVISE ALL PER COUNTY COMMENTS
04-20-99	S.D.A.	REVISE CULVERT
07-22-99	S.D.A.	REVISE MARKING TEXT TO MAINTAINING AGENCY STRUCTURE

Broward County Office of Environmental Services

SDA SHAH DROTOS & ASSOCIATES

1800 W. Commercial Blvd. • Suite 190 • Ft. Lauderdale, FL 33309
Ph: 954-771-7850 • FAX: 954-771-7835

DRAWN BY: J.A.C.
CHECKED BY: J.F.D.
DESIGNED BY: J.F.D.
APPROVED BY: S.D.A.
SCALE: HOR:1"=20' VER:1"=2'

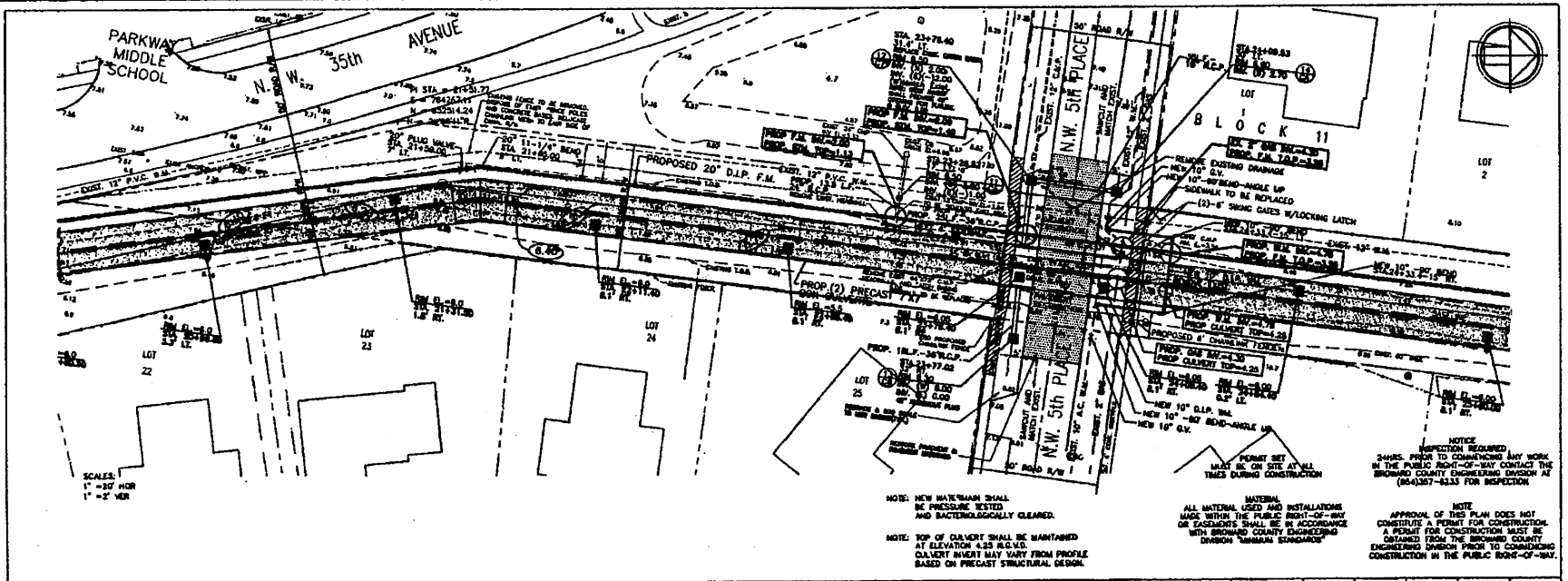
C.C.N.I.P.
35th AVENUE DITCH AND FORCEMAIN
BROWARD COUNTY, FLORIDA

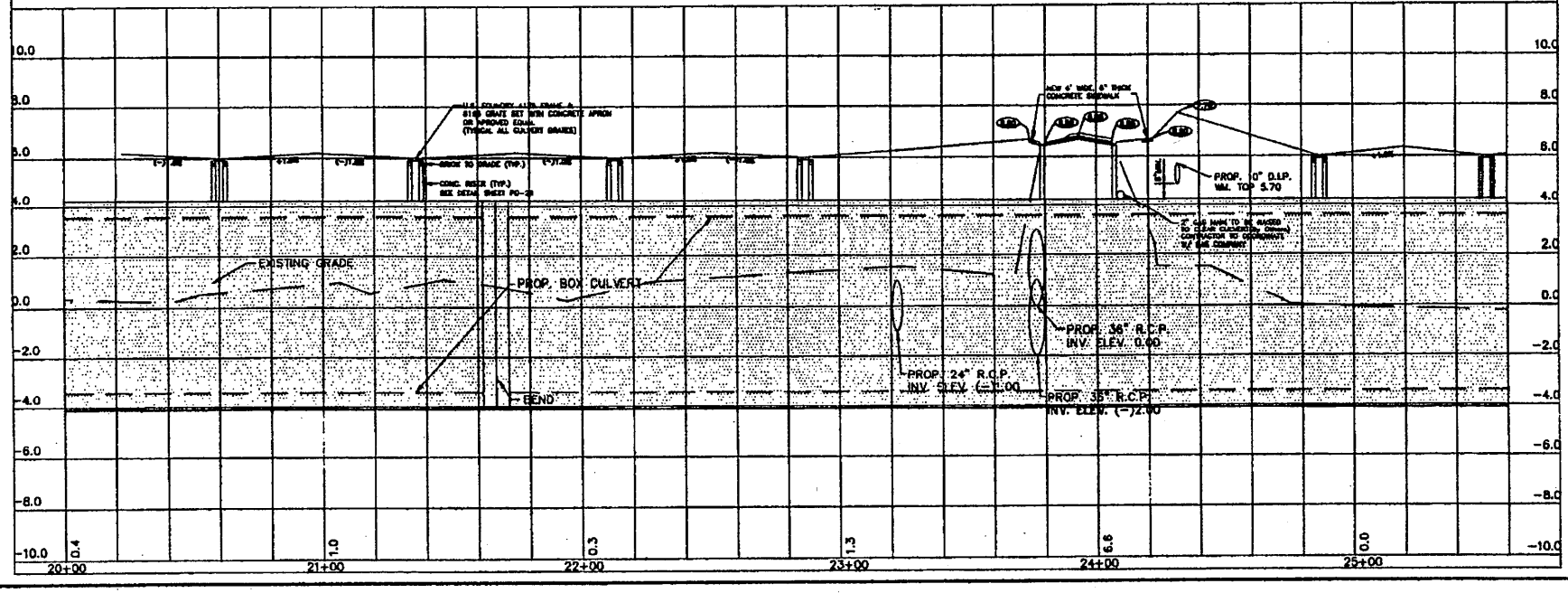
DRAINAGE CULVERT PLAN AND PROFILE

SEAL
07/22/99
P.E. No. 35500

DATE: SEPT., 1998
JOB NO. 0280A.000
SHEET PD-5

EXHIBIT 7





REVISIONS

DATE	BY	DESCRIPTION
12-2-98	S.D.A.	REVISE AS PER COUNTY COMMENTS
12-21-98	S.D.A.	REVISE AS PER COUNTY COMMENTS
01-05-99	S.D.A.	REVISE AS PER COUNTY COMMENTS
01-14-99	S.D.A.	REVISE WARNING TO NEW LANGUAGE, ADDED STRUCTURE

Broward County Office of Environmental Services

SDA SHAH DKOTOS & ASSOCIATES

1885 W. Commercial Blvd. • Suite 180 • Ft. Lauderdale, FL 33309
PH: 954-776-7904 • FAX: 954-776-7608

DRAWN BY: J.A.C.
CHECKED BY: J.F.D.
DESIGNED BY: J.F.D.
APPROVED BY: S.D.A.
SCALE: HORZ:1"=20' VERT:1"=2'

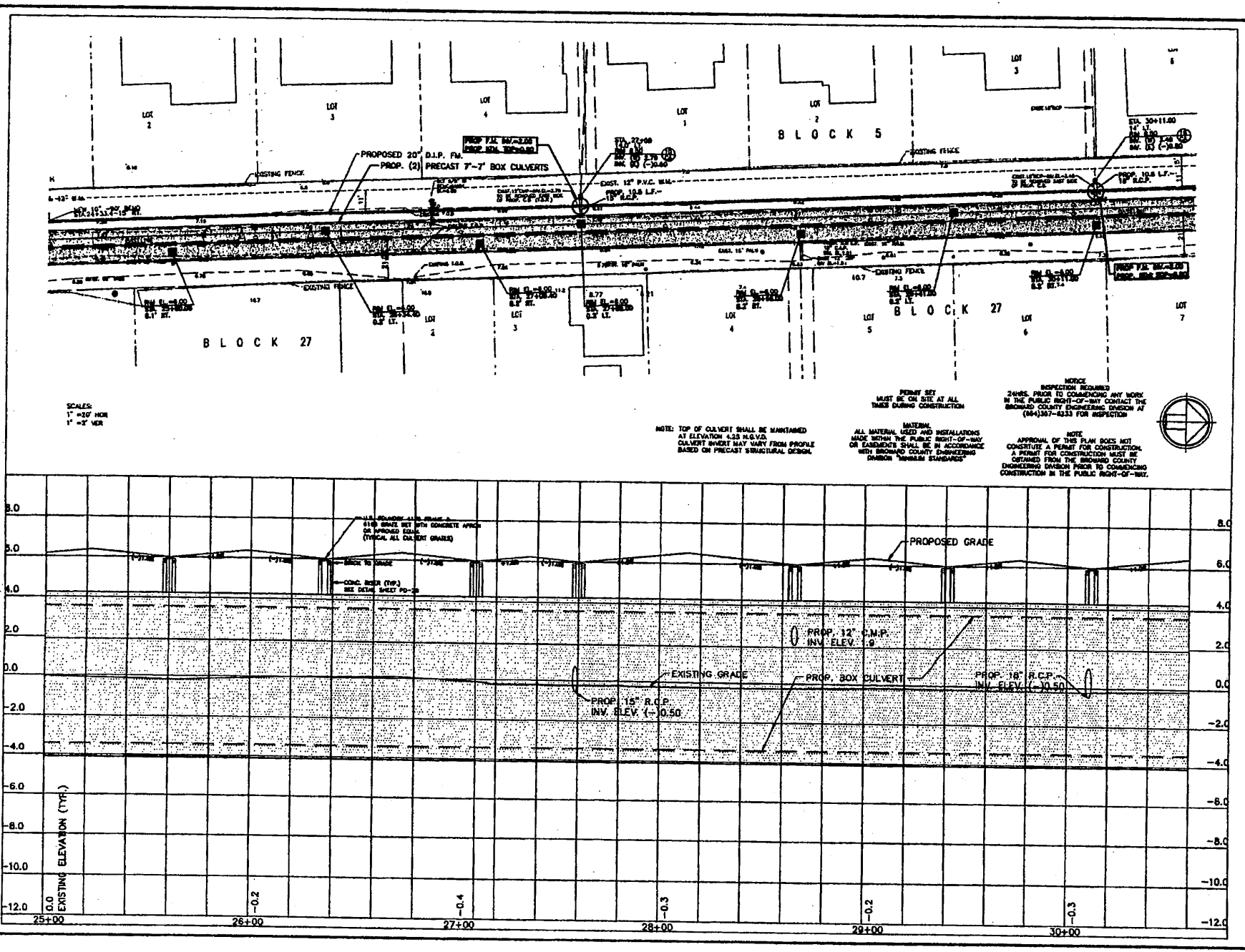
CENTRAL COUNTY NEIGHBORHOOD IMPROVEMENT PROJECT
BROWARD COUNTY, FLORIDA

DRAINAGE CULVERT PLAN AND PROFILE

SEAL

01/12/99
FLA. P.E. No.
DATE: SEPT., 1998
JOB NO. 0280A.000
SHEET PD-6

EXHIBIT 8



MARK	BY	DATE	DESCRIPTION
1	J.F.	12-9-98	REVISE AS PER COUNTY COMMENTS
2	J.F.	12-21-98	REVISE AS PER COUNTY COMMENTS
3	J.F.	3-8-99	REVISE AS PER COUNTY COMMENTS
4	J.F.	3-26-99	REVISE CULVERT
5	J.F.	3-26-99	REVISE SUMPS & ADD MAINTENANCE ACCESS STRUCTURE

Broward County Office of Environmental Services

SDA SHAH DROTOS & ASSOCIATES
1885 W. Commercial Blvd. • Suite 180 • Ft. Lauderdale, FL 33309
PH: 954-776-7604 • FAX: 954-776-7606

DRAWN BY: J.A.C.
CHECKED BY: J.F.D.
DESIGNED BY: J.F.D.
APPROVED BY: S.D.A.
SCALE: HORIZ: 1"=20' VERT: 1"=2'

C.C.N.I.P.
35th AVENUE DITCH AND FORCEMAIN
BROWARD COUNTY, FLORIDA

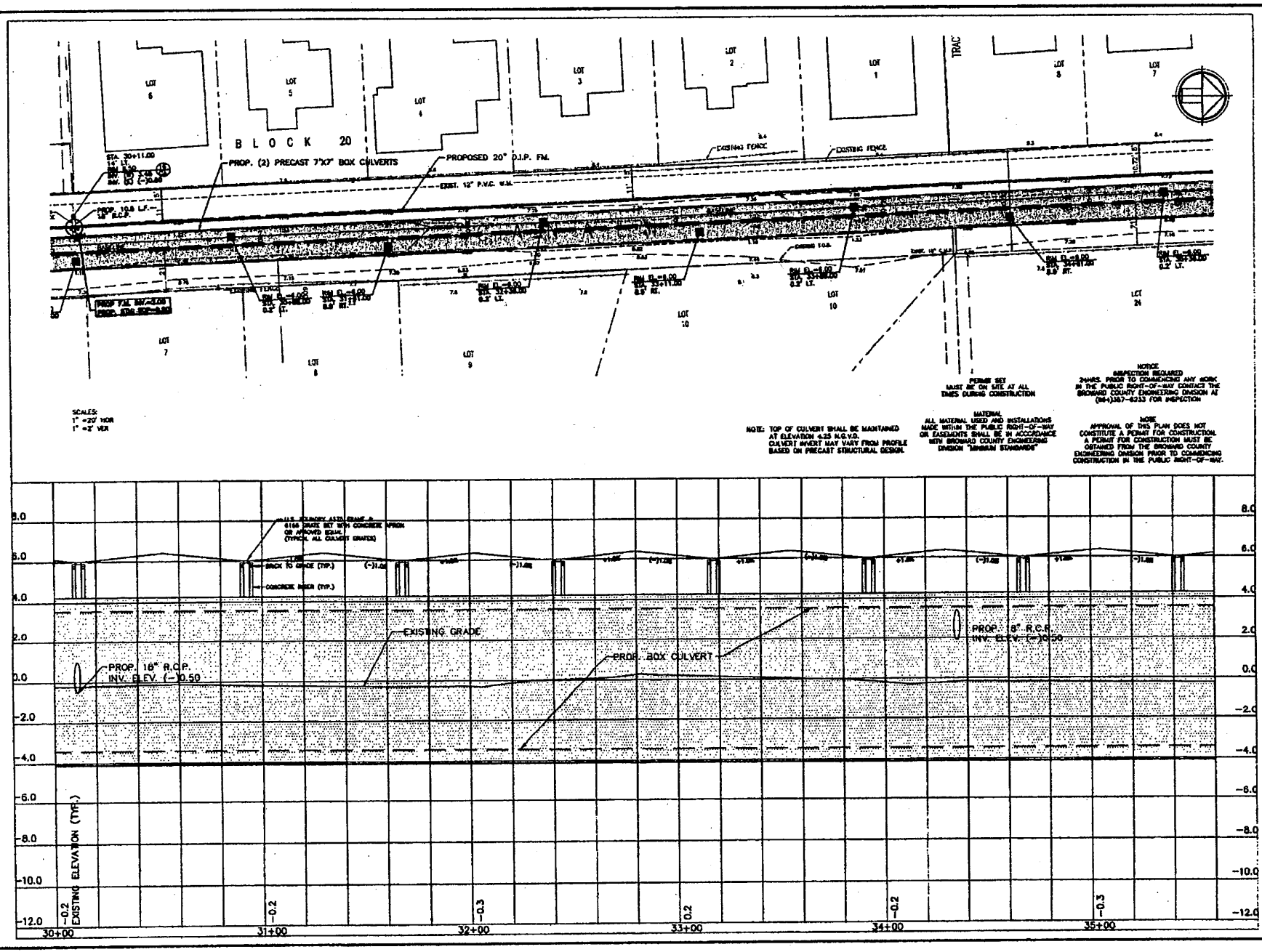
DRAINAGE CULVERT PLAN AND PROFILE

SEAL

07/23/99
F.A. P.E. No. 36005

DATE: SEPT., 1998
JOB NO. 0280A.000
SHEET PD-7

EXHIBIT 9



REVISIONS

BY	DATE	DESCRIPTION
		REVISE AS PER COUNTY COMMENTS
		ADD SURVEY

Broward County Office of Environmental Services

SDA SHAH DROTOS & ASSOCIATES
1885 W. Commercial Blvd. • Suite 100 • Ft. Lauderdale, FL 33309
PH: 954-776-7605 • FAX: 954-776-7605

DRAWN BY: J.A.C.
CHECKED BY: J.J.D.
DESIGNED BY: J.J.D.
APPROVED BY: S.D.A.
SCALE: HORZ:1"=20' VERT:1"=2'

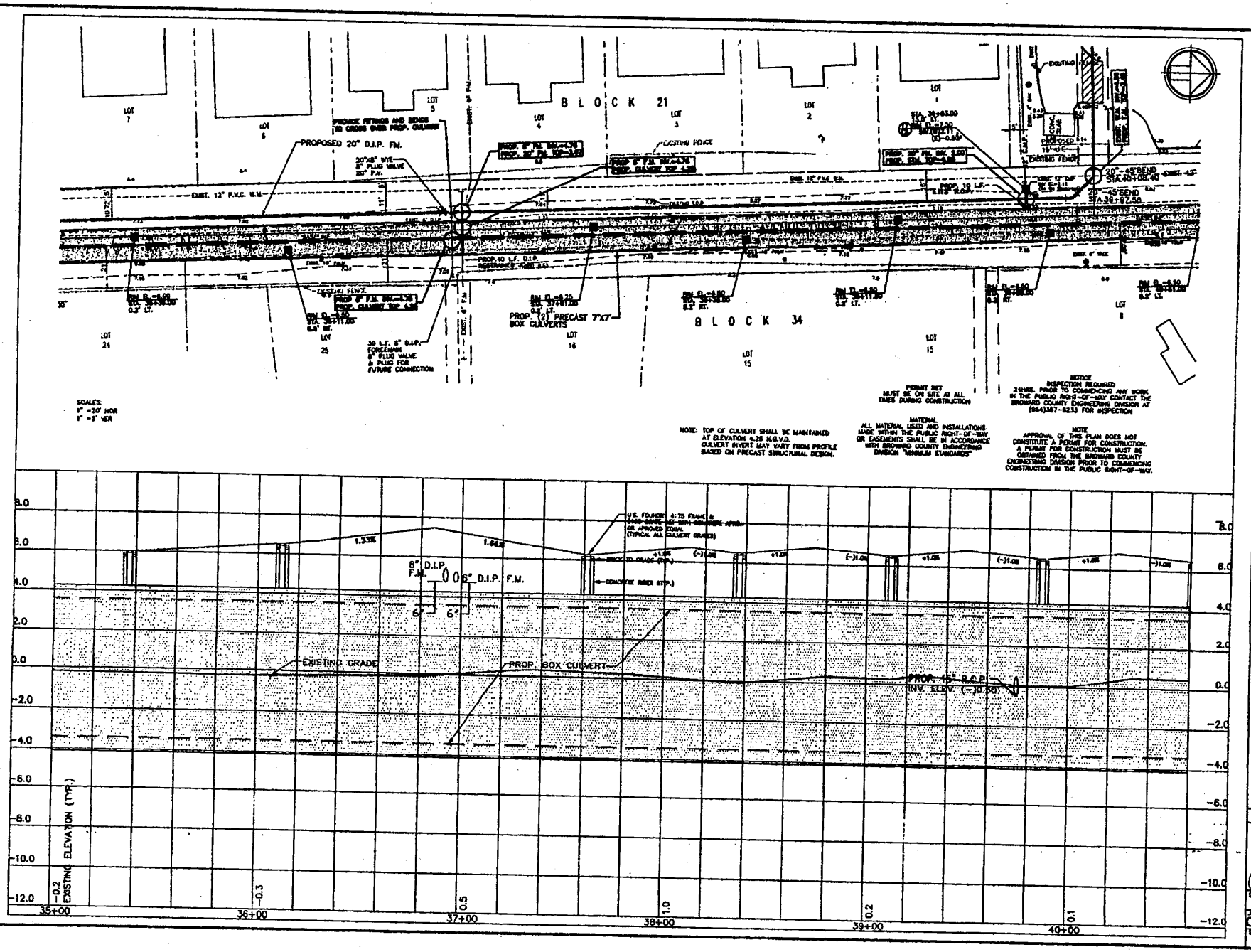
C.C.N.I.P.
38th AVENUE DITCH AND FORCEMAIN
BROWARD COUNTY, FLORIDA

DRAINAGE CULVERT
PLAN AND PROFILE

SEAL
07/22/99
FLA. P.E. No. 30803

DATE: SEPT., 1998
JOB NO. 0280A.000
SHEET PD-8

EXHIBIT 10



REVISIONS

BY	DATE	DESCRIPTION	
J.A.C.	1-12-99	SEND 1 BE PER COUNTY COMMENTS	
J.A.C.	2-23-99	SEND 2 BE PER COUNTY COMMENTS	
J.A.C.	3-22-99	SEND 3 BE PER COUNTY COMMENTS	
J.A.C.	6-8-99	SEND 4 BE PER COUNTY COMMENTS	
J.A.C.	6-8-99	SEND 5 BE PER COUNTY COMMENTS	

Broward County Office of Environmental Services

SDA SHAH DROTOS & ASSOCIATES
1965 W. Commercial Blvd. • Suite 180 • Ft. Lauderdale, Fl. 33309
PH: 954-776-7604 • FAX: 954-776-7608

DRAWN BY: J.A.C.
CHECKED BY: J.F.D.
DESIGNED BY: J.F.D.
APPROVED BY: S.D.A.
SCALE: HORZ:1"=20' VERT:1"=2'

C.C.N.I.P.
36th AVENUE DITCH AND FORCEMAIN
BROWARD COUNTY, FLORIDA
DRAINAGE CULVERT PLAN AND PROFILE

SEAL
07/22/99
FLA. P.E. No. 33506
DATE: SEPT.,1998
JOB NO. 0280A.000
SHEET PD-9

EXHIBIT 11

PERMIT SET
MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION

MATERIAL
ALL MATERIAL USED AND INSTALLATIONS MADE WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS SHALL BE IN ACCORDANCE WITH BROWARD COUNTY ENGINEERING DIVISION "MINIMUM STANDARDS"

NOTICE
INSPECTION REQUIRED
24HRS. PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RIGHT-OF-WAY CONTACT THE BROWARD COUNTY ENGINEERING DIVISION AT (954)357-6233 FOR INSPECTION

NOTE
APPROVAL OF THIS PLAN DOES NOT CONSTITUTE A PERMIT FOR CONSTRUCTION. A PERMIT FOR CONSTRUCTION MUST BE OBTAINED FROM THE BROWARD COUNTY ENGINEERING DIVISION PRIOR TO COMMENCING CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY.

NOTE: TOP OF CULVERT SHALL BE MAINTAINED AT ELEVATION 4.25 N.G.V.D. CULVERT INVERT MAY VARY FROM PROFILE BASED ON PRECAST STRUCTURAL DESIGN.

PARK SITE

PROP. (2) PRECAST 7'X7' BOX CULVERTS

EXISTING E.O.P.

EXISTING FENCE

BLOCK 39

W. 8th PLACE

SCALES:
1" =30' HOR
1" =2' VER

EXISTING GRADE

PROP. 15" R.C.P. INV. ELEV.=1.70

PROP. 15" R.C.P. INV. ELEV.=1.70

PROP. BOX CULVERT

PROP. 36" R.C.P. INV. ELEV.=(-)2.00

REGRADE SWALE TO NEW BASINS AND RE-SOD SWALE (TYP.)

BRICK TO GRADE (TYP.)

CONCRETE RISER (TYP.) SEE DETAIL SHEET PD-20

EXISTING ELEVATION (TYP.)

40+00 41+00 42+00 43+00 44+00 45+00

REVISIONS			
DATE	BY	DESCRIPTION	
10-2-98	J.F.D.	REVISE AS PER COUNTY COMMENTS	
10-26-98	J.F.D.	REVISE AS PER COUNTY COMMENTS	
02-22-99	J.F.D.	REVISE AS PER COUNTY COMMENTS	
07-12-99	J.F.D.	REVISE AS PER COUNTY COMMENTS	

Broward County Office of Environmental Services

SDA SHAH DIROTOS & ASSOCIATES
1855 W. Commercial Blvd. • Suite 100 • Ft. Lauderdale, FL 33309
PH: 954-776-7604 • FAX: 954-776-7608

DRAWN BY: J.A.C.
CHECKED BY: J.F.D.
DESIGNED BY: J.F.D.
APPROVED BY: S.D.A.
SCALE: HORZ:1"=30' VERT:1"=2'

C.C.N.I.P.
58th AVENUE DITCH AND FORCEMAIN
BROWARD COUNTY, FLORIDA

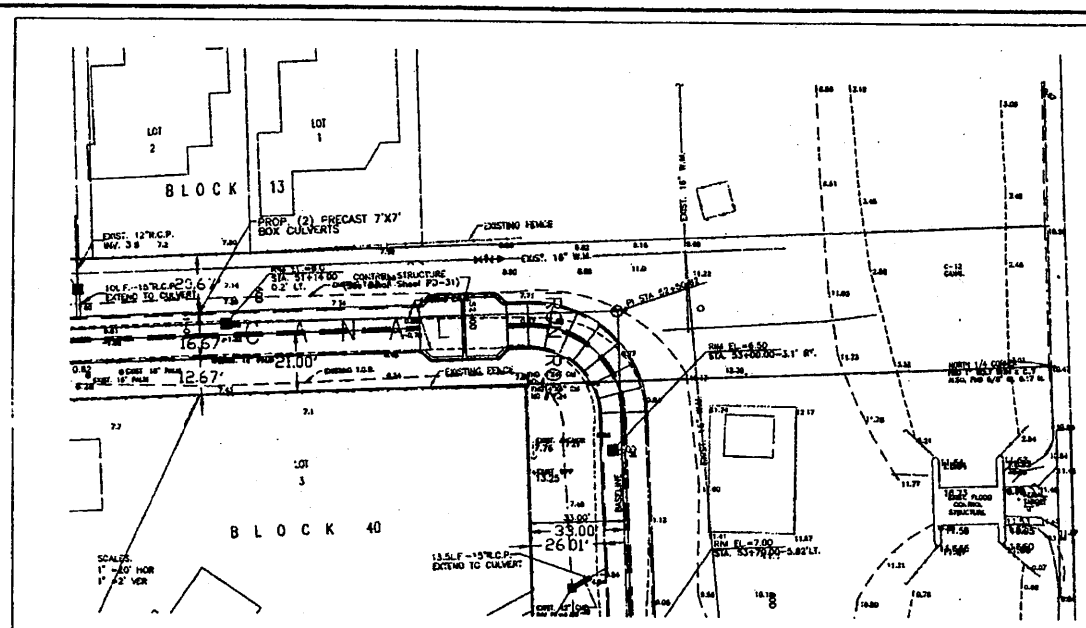
DRAINAGE CULVERT PLAN AND PROFILE

SEAL

07/12/99
P.E. No. 35606

DATE: SEPT., 1998
JOB NO. 0280A.000
SHEET PD-10

EXHIBIT 13



NOTES: CONSTRUCTION OPERATIONS SHALL NOT BLOCK OR IMPEDE THE FLOW IN THE C-12 CANAL OR ACCESS FOR S.F.W.M.D. MAINTENANCE EQUIPMENT AND VEHICLES ALONG THE CANAL.
MANHOLES/INLETS SHALL BE SET FLUSH WITH PROPOSED GRADE.
TOP OF CULVERT SHALL BE MAINTAINED AT ELEVATION 4.25 N.G.V.D.
CULVERT INVERT MAY VARY FROM PROFILE BASED ON PRECAST STRUCTURAL DESIGN.

PERMIT SET
MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION

MATERIAL
ALL MATERIAL USED AND INSTALLATIONS MADE WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS SHALL BE IN ACCORDANCE WITH BROWARD COUNTY ENGINEERING DIVISION "MINIMUM STANDARDS"

NOTICE
INSPECTION REQUIRED
24HRS. PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RIGHT-OF-WAY CONTACT THE BROWARD COUNTY ENGINEERING DIVISION AT (954)357-6233 FOR INSPECTION

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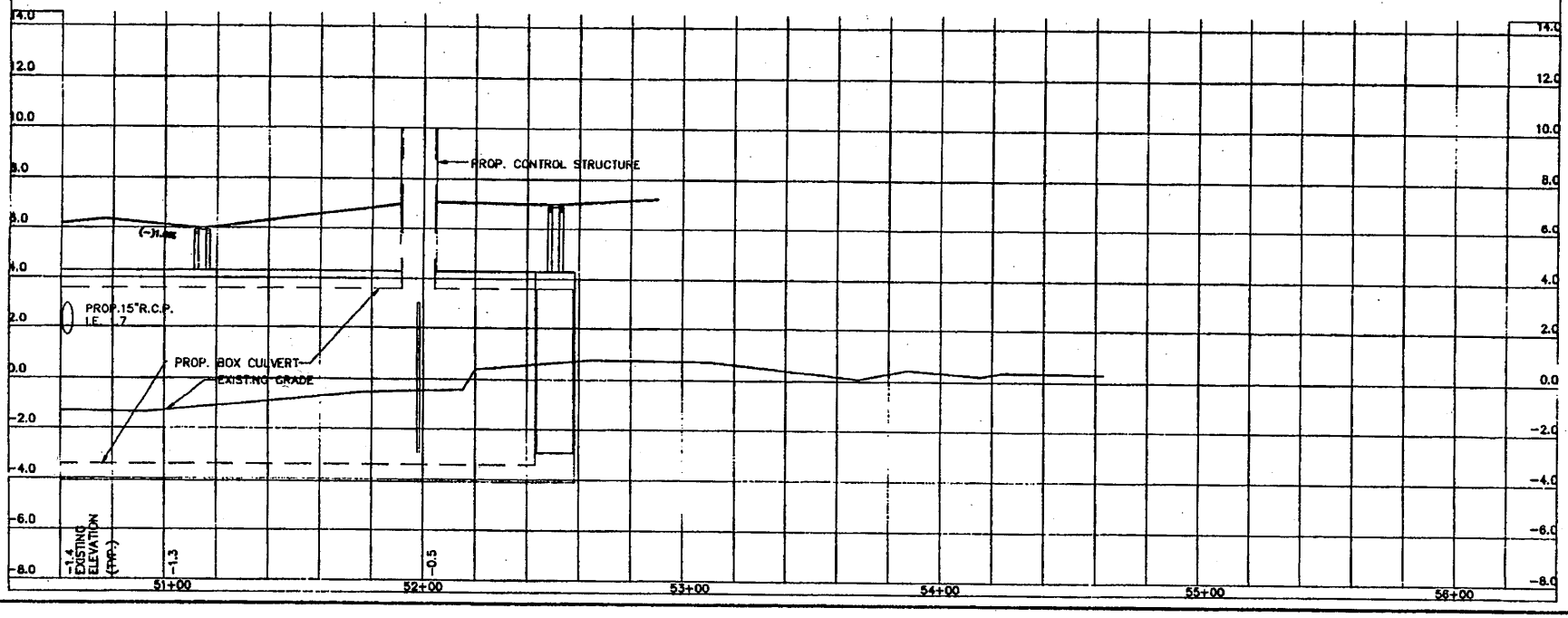


REVISIONS			
DATE	BY	DESCRIPTION	
12-8-98	R.E.L.	REVISE AS PER COUNTY REQUESTS	
02-24-99	R.E.L.	REVISE AS PER COUNTY REQUESTS	
03-31-99	R.E.L.	REVISE SHEETS	
06-07-99	R.E.L.	REVISE SHEETS	

Broward County Office of Environmental Services

SDA SHAH DROTOS & ASSOCIATES
1883 W. Commercial Blvd. • Suite 190 • Ft. Lauderdale, FL 33309
PH: 954-776-7604 • FAX: 954-776-7606

DRAWN BY: J.A.O.
CHECKED BY: J.F.D.
DESIGNED BY: J.F.D.
APPROVED BY: S.D.A.
SCALE: HORZ:1"=20' VERT:1"=2'

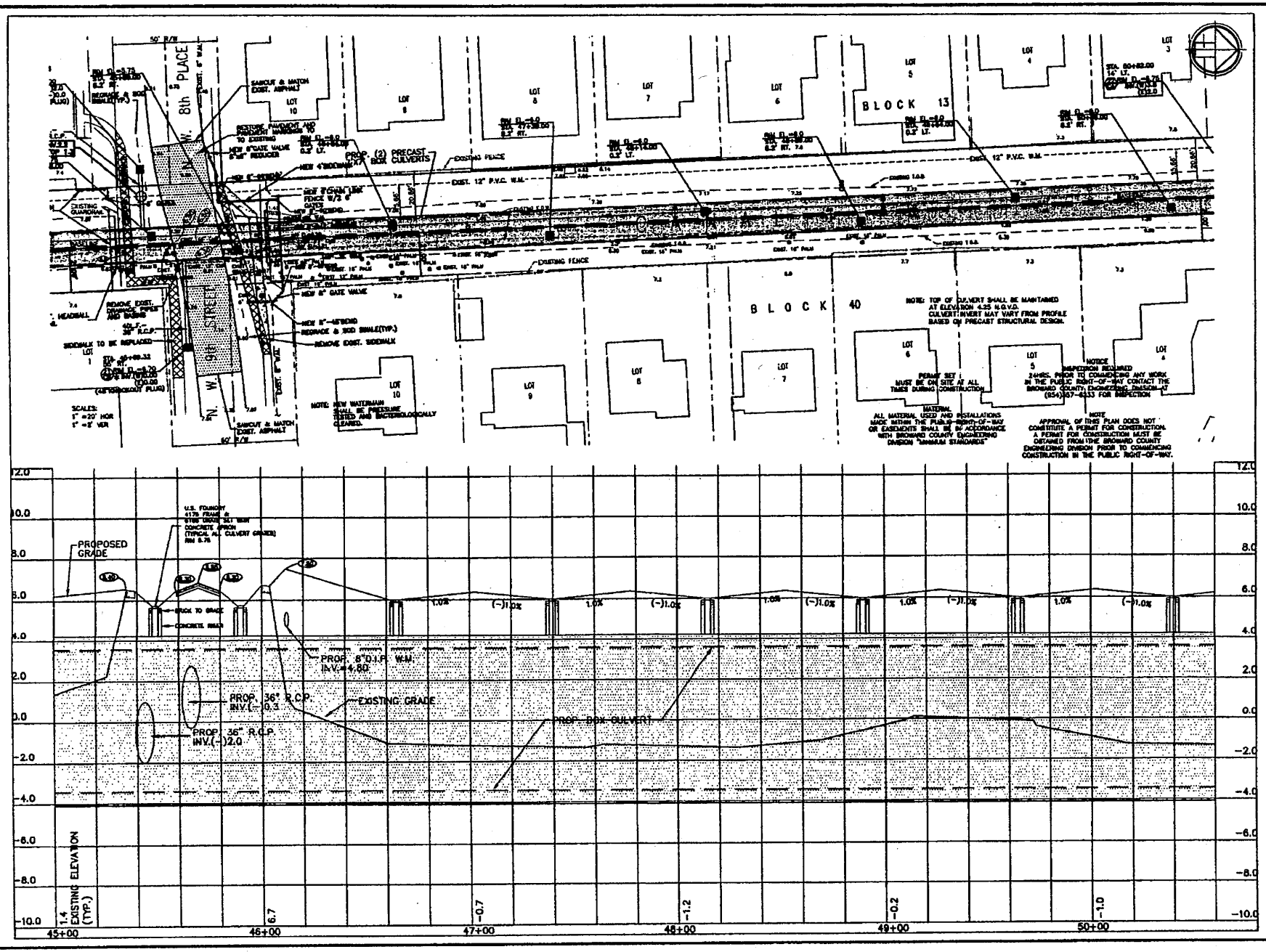
C.C.N.I.P.
35th AVENUE DITCH AND FORCEMAIN
BROWARD COUNTY, FLORIDA

DRAINAGE CULVERT PLAN AND PROFILE

SEAL
07/12/99
FLA. P.E. No. 35505

DATE: SEPT., 1998
JOB NO. 0280A.000
SHEET PD-12

EXHIBIT 12



REVISIONS

MAT	BY	DESCRIPTION
11-12-98	S.D.A.	REVISE AS PER COUNTY COMMENTS
12-21-98	S.D.A.	REVISE AS PER COUNTY COMMENTS
01-21-99	S.D.A.	INITIAL CLAYTON

Broward County Office of Environmental Services

SDA SHAH DROTOS & ASSOCIATES

1965 W. Commercial Blvd. • Suite 100 • Ft. Lauderdale, FL 33309
PH: 954-776-7604 • FAX: 954-776-7600

DRAWN BY: J.A.C.
CHECKED BY: J.F.D.
DESIGNED BY: J.F.D.
APPROVED BY: S.D.A.
SCALE: HORZ:1"=20' VERT:1"=2'

C.C.N.I.P.
36th AVENUE DITCH AND FORCEMAIN
BROWARD COUNTY, FLORIDA

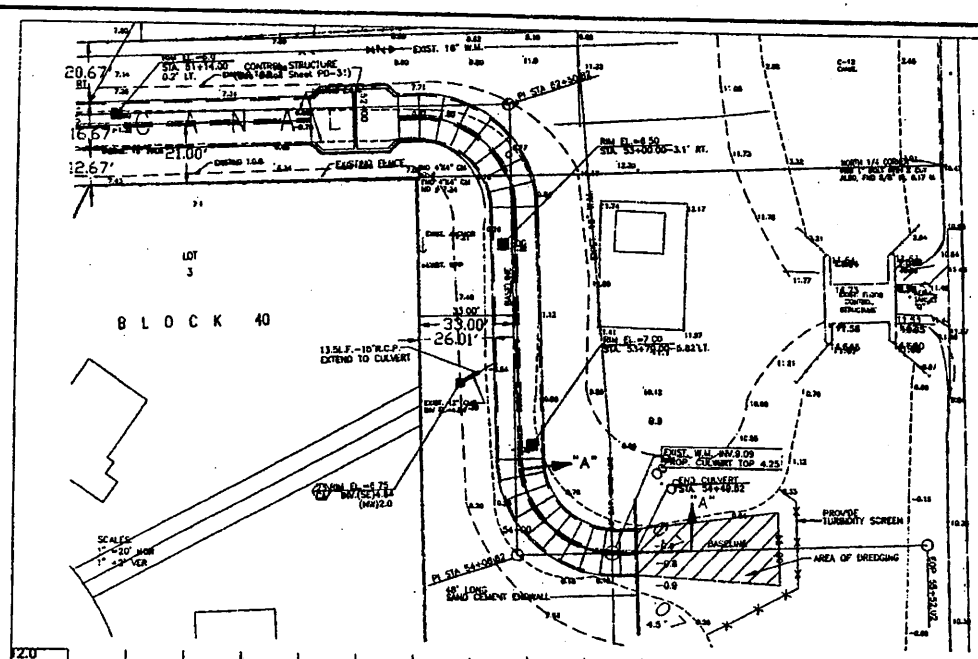
DRAINAGE CULVERT PLAN AND PROFILE

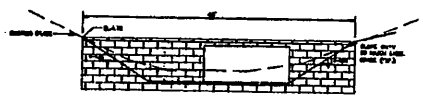
SEAL

1/21/99
FLA. P.E. No. 35500

DATE: SEPT., 1998
JOB NO. 0280A.000
SHEET PD-11

EXHIBIT 14





ENDWALL DETAIL

NOTES: CONSTRUCTION OPERATIONS SHALL NOT BLOCK OR IMPEDE THE FLOW IN THE C-12 CANAL OR ACCESS FOR S.F.W.M.D. MAINTENANCE EQUIPMENT AND VEHICLES ALONG THE CANAL.
MANHOLES/INLETS SHALL BE SET FLUSH WITH PROPOSED GRADE.
TOP OF CULVERT SHALL BE MAINTAINED AT ELEVATION 4.25 N.G.V.D.
CULVERT INVERT MAY VARY FROM PROFILE BASED ON PRECAST STRUCTURAL DESIGN.

PERMIT SET
MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION

MATERIAL
ALL MATERIAL USED AND INSTALLATIONS MADE WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS SHALL BE IN ACCORDANCE WITH BROWARD COUNTY ENGINEERING DIVISION "MINIMUM STANDARDS"

NOTICE
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NOTE
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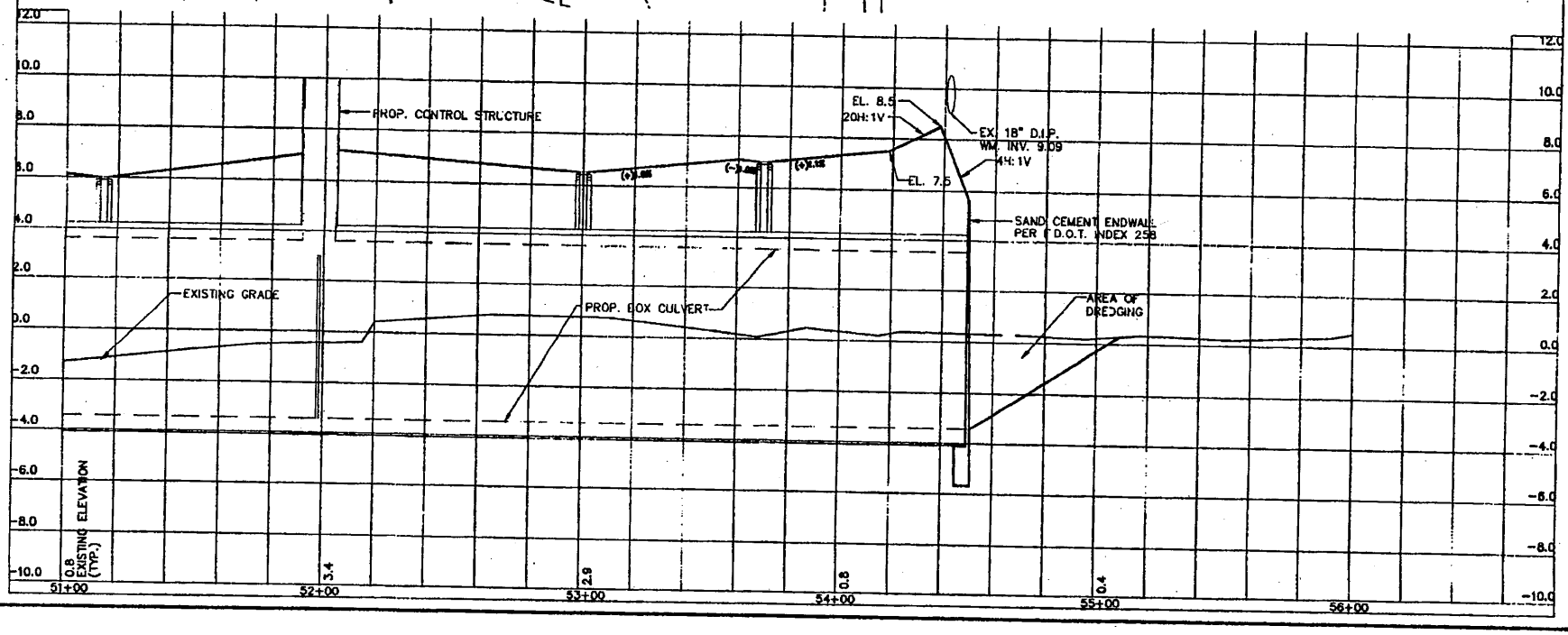


REVISIONS		
DATE	BY	DESCRIPTION
3-30-99	S.D.A.	REVISE AS PER COMMENTS
5-7-99	S.D.A.	REVISE AS PER COMMENTS
6-14-99	S.D.A.	REVISE CULVERT
8-27-99	S.D.A.	REVISE SHEET 6 INFO

Broward County Office of Environmental Services

SDA SHAH DROTOS & ASSOCIATES
1883 W. Commercial Blvd. • Suite 190 • Ft. Lauderdale, Fl. 33309
PH: 954-776-7604 • FAX: 954-776-7608

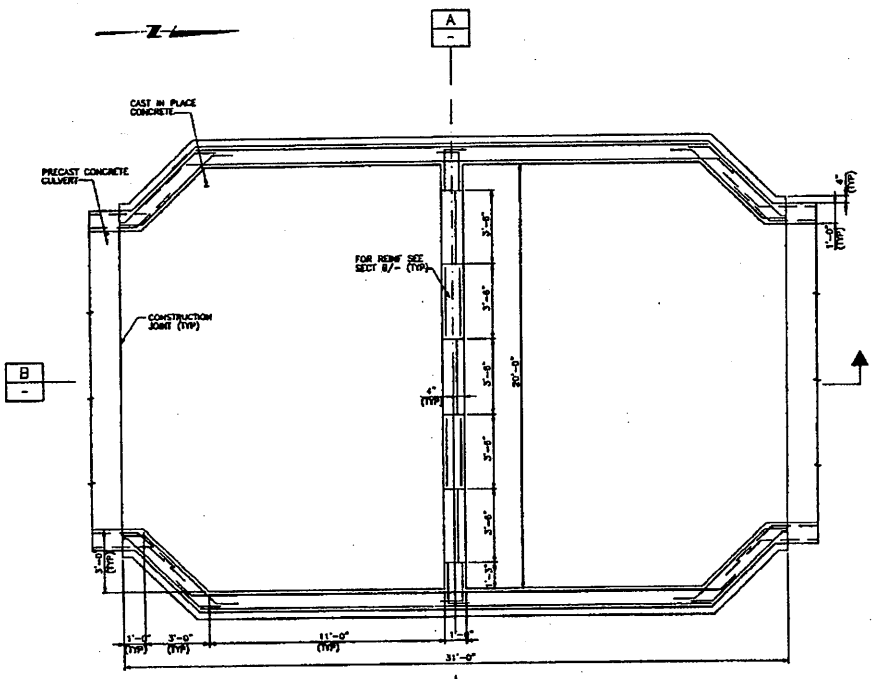
DRAWN BY: J.A.C.
CHECKED BY: J.F.D.
DESIGNED BY: J.F.D.
APPROVED BY: S.D.A.
SCALE: HORZ:1"=20' VERT:1"=2'

C.C.N.I.P.
38th AVENUE DITCH AND FORCEMAIN
BROWARD COUNTY, FLORIDA

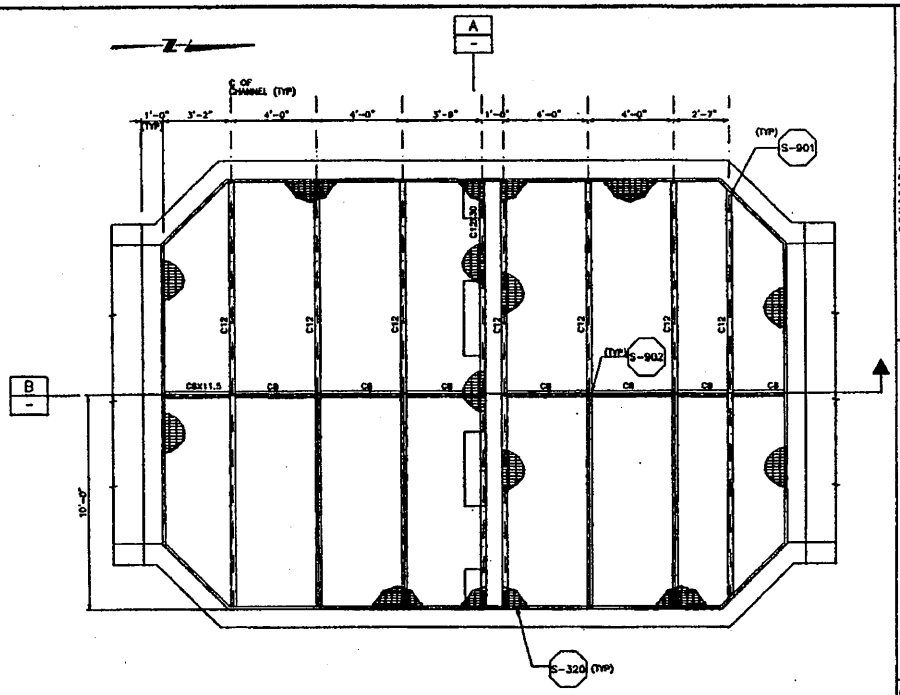
DRAINAGE CULVERT PLAN AND PROFILE

SEAL
8/7/22/99
FLA. P.E. No. 35505
DATE: SEPT., 1998
JOB NO. 0280A.000
SHEET PD-13

EXHIBIT 15

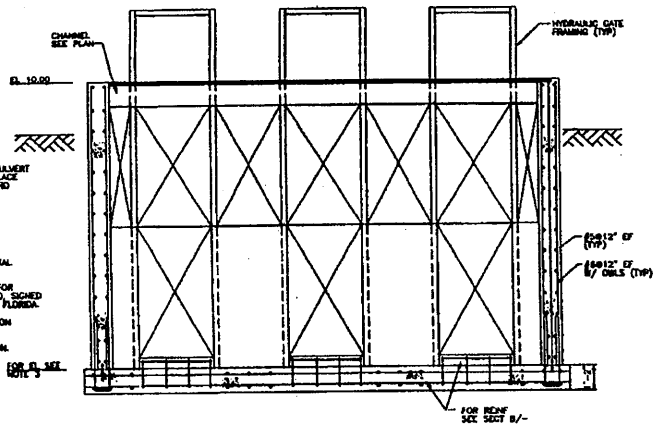


FOUNDATION AND FLOOR PLAN
SCALE: 3/8" = 1'-0"

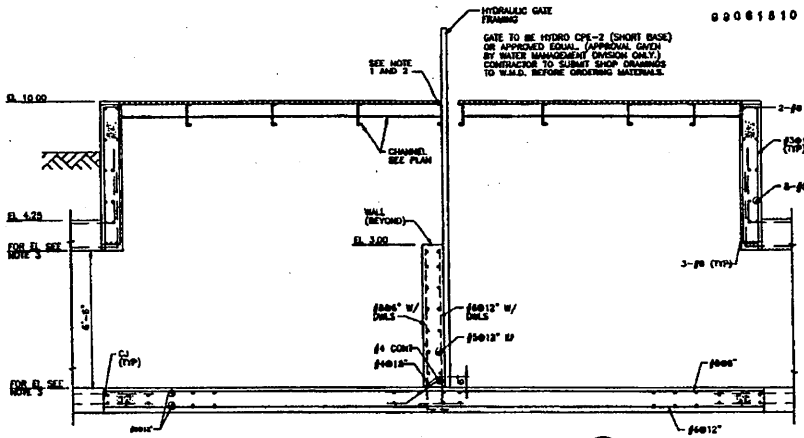


TOP PLAN
SCALE: 3/8" = 1'-0"

ADD/REVISED SUBMITTAL
SEP 28 1998
98061810



SECTION A
SCALE: 3/8" = 1'-0"



SECTION B
SCALE: 3/8" = 1'-0"

LEGEND:

EXTENDED REINFORCEMENT FROM PRECAST CULVERT TO LAP WITH REINFORCEMENT OF CAST IN PLACE STRUCTURE. FOR LAP LENGTH, SEE STANDARD DETAIL S-143 ON SHEET PD-32.

REINFORCEMENT BEYOND.

NOTES:

1. SEE HYDRAULIC WEIR GATE SPECIFICATIONS FOR HORIZONTAL FORCE EXERTED BY GATE FRAMING ON C12X30.
2. CONTRACTOR SHALL SUBMIT DETAILS AND CALCULATIONS FOR GATE FRAMING CONNECTION TO GRATING SUPPORT C12X30, SIGNED AND SEALED BY PROFESSIONAL ENGINEER REGISTERED IN FLORIDA.
3. CONTRACTOR SHALL COORDINATE ALL ELEVATIONS BASED ON TOP SLAB THICKNESS OF BOX CULVERT.
4. STEEL MEMBERS SHALL BE GALVANIZED AFTER FABRICATION.

MONTGOMERY WATSON
Ft. Lauderdale, Florida

REVISIONS		
DATE	BY	DESCRIPTION
2-26-97	A.B.	REVISE AS PER WMD, WATSON
1-9-97	B.L.	REVISE NOTE, SECTION A
8-30-97	T.V.	REVISE CONTROL STRUCTURE TO 8' WIDTH
9-07-97	B.L.	REVISE AS PER WMD, WATSON

SDA SHAH DIROTOS & ASSOCIATES
3985 N. Commercial Blvd • Suite 190 • Ft. Lauderdale, FL 33309
PH: 954-776-7604 • FAX: 954-776-7608

Broward County Office of Environmental Services

DRAWN BY: A. BACHTIAR
CHECKED BY: L. GONZALEZ
DESIGNED BY: A. BACHTIAR
APPROVED BY: L. GONZALEZ
SCALE: 3/8"=1'

C.C.N.I.P.
35th AVENUE DITCH AND FORCEMAIN
BROWARD COUNTY, FLORIDA

CONTROL STRUCTURE

SEAL
SEP 15 1998
F.L.A. P.E. No.

DATE: SEPT., 1998
JOB NO. 0280A.000
SHEET PD-31

EXHIBIT 16

GENERAL NOTES

GENERAL

STRUCTURAL DIMENSIONS CONTROLLED BY OR RELATED TO MECHANICAL OR ELECTRICAL EQUIPMENT SHALL BE COORDINATED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

MECHANICAL AND ELECTRICAL EQUIPMENT SUPPORTS, MOCKMOUNTS, OPENINGS, RECESSES AND REVEALS NOT SHOWN ON THE STRUCTURAL DRAWINGS BUT REQUIRED BY OTHER CONTRACT DRAWINGS, SHALL BE PROVIDED FOR PRIOR TO PLACING CONCRETE.

STRUCTURAL DRAWINGS SHALL BE USED IN COORDINATION WITH MECHANICAL, ELECTRICAL, ARCHITECTURAL, CIVIL DRAWINGS AND SHOP DRAWINGS PROVIDED BY MANUFACTURERS OF EQUIPMENT.

STRUCTURES HAVE BEEN DESIGNED FOR OPERATIONAL LOADS ON THE COMPLETED STRUCTURE. DURING CONSTRUCTION, THE STRUCTURES SHALL BE PROTECTED BY BRACING AND BALANCING ENGINEER CONCRETE CONSTRUCTION LOADS MAY OCCUR.

UNLESS OTHERWISE SHOWN, ON ALL STRUCTURAL DRAWINGS THE FINISH GROUND SURFACE, IF SHOWN, IS SHOWN FOR REFERENCE ONLY. ELEVATIONS FOR DETAILS BY FINISH SURFACE ARE ONE FOOT OR LESS UNLESS OTHERWISE DIMENSIONED.

STRUCTURAL

DESIGN IN ACCORDANCE WITH THE LATEST EDITION OF SOUTH FLORIDA BUILDING CODE, EXCEPT WHERE OTHER APPLICABLE CODES ARE MORE STRINGENT.

LOCATION OF ALL CONSTRUCTION JOINTS SHALL BE AS SHOWN ON THE DRAWINGS OR APPROVED BY THE ENGINEER. ALL CONSTRUCTION JOINTS LOCATED ON THE DRAWINGS OR REQUIRED FOR CONSTRUCTION, BUT NOT SHOWN ON THE DRAWINGS, SHALL HAVE A 6" FLATSTRIP WATERSTOP, BUT NOT IN MEMBERS IN CONTACT WITH WATER. IN ADDITION, JOINTS IN ALL MEMBERS CONTACT WITH WATER, SHALL HAVE SUCH A 9" FLATSTRIP WATERSTOP AND A SEALANT BACKUP.

STRUCTURAL STEEL

STEEL CONSTRUCTION SHALL CONFORM TO THE SPECIFICATIONS AND STANDARDS AS CONTAINED IN THE LATEST EDITION OF THE AISC, STEEL CONSTRUCTION MANUAL.

ALL STRUCTURAL SHAPES, BARS, PLATES AND SHEETS SHALL BE OF STEEL MEETING ASTM A-36 SPECIFICATIONS.

ALL WELDING SHALL BE BY THE SHIELDED ARC METHOD AND SHALL CONFORM TO AWS D1.0 FOR ARC AND GAS WELDING IN BUILDING CONSTRUCTION. QUALIFICATIONS OF WELDERS SHALL BE IN ACCORDANCE WITH "A" SPECIFICATIONS FOR STANDARD QUALIFICATION PROCEDURE OF THE AWS.

CONCRETE (EXCEPT PRECAST CONCRETE)

UNLESS OTHERWISE NOTED OR SPECIFIED, ALL STRUCTURAL CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF 4000 PSI IN 28 DAYS.

REINFORCEMENT STEEL SHALL BE DEFORMED BARS CONFORMING IN QUALITY TO THE REQUIREMENTS OF ASTM A-615, "SPECIFICATION FOR DEFORMED BILLET-STEEL BARS FOR CONCRETE REINFORCEMENT", GRADE 60.

COLUMN SPIRALS SHALL CONFORM TO ASTM A-82, "SPECIFICATION FOR COLD-DRAWN STEEL WIRE FOR CONCRETE REINFORCEMENT".

ALL DETAILING, FABRICATION AND PLACING OF REINFORCING BARS, UNLESS OTHERWISE INDICATED, SHALL BE IN ACCORDANCE WITH ACI 315, MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES", LATEST EDITION.

TOLERANCES IN PLACING REINFORCEMENT SHALL BE:
- ± 1/2 INCH FOR MEMBERS WITH D ≤ 8 INCHES
- ± 1 INCH FOR MEMBERS WITH D > 8 INCHES

ALL KEYWAYS IN CONSTRUCTION JOINTS, UNLESS SHOWN, SHALL BE ROUGH AND THOROUGHLY CLEANED FOR BOND.

DOWELS, PIPE, WATERSTOPS AND OTHER INSTALLED MATERIALS AND ACCESSORIES SHALL BE HELD SECURELY IN POSITION WHILE CONCRETE IS BEING PLACED.

UNLESS OTHERWISE INDICATED, APART FROM NORMAL ACCESSORIES USED TO HOLD REINFORCING BARS RIGIDLY IN POSITION, THE FOLLOWING SHALL BE ADDED:

A) IN SLABS ON GRADE BAR SUPPORTS AT 36 INCHES OC MAXIMUM TO SUPPORT TOP REINFORCING BARS.

B) IN WALLS WITH 2 CURTAINS (U U OR 2 SHAPE SPACERS AT 6 FEET OC EACH WAY.

BAR CLIPS OR SUPPORTS SHALL NOT BE PLACED IN CONTACT WITH THE FORMS OR THE EXPOSED CONCRETE SURFACE. CONCRETE BLOCKS SUPPORTED BARS ON SUBGRADE SHALL BE AS SUITABLE AND STRONG TO SUPPORT THE BARS WITHOUT SETTLEMENT, BUT IN NO CASE SHALL SUCH SUPPORT BE CONTINUOUS.

DOWELS SHALL BE WIRED OR OTHERWISE HELD IN POSITION. THEY SHALL NOT BE DRIVEN INTO FRESHLY PLACED CONCRETE.

UNLESS OTHERWISE INDICATED ON THE DRAWINGS, LAPS OF REINFORCEMENT SHALL BE AS SHOWN ON DETAIL S-13.

LOCATE TWO 3/4 INCH GALVANIZED INCHWORM RIGGED INSERTS, HORMANN A, BRAND OR EQUAL, STRADDLING CENTERLINE OF COLUMNS OVER THE LONGER INSERTING LIFTING EYES 3" MIN OTHERWISE INDICATED.

REINFORCING BARS AND ACCESSORIES SHALL NOT BE IN CONTACT WITH ANY PIPE, PIPE FLANGE OR METAL PLATE EMBEDDED IN CONCRETE. A MINIMUM OF 2 INCHES CLEARANCE SHALL BE PROVIDED AT ALL BARS.

UNLESS OTHERWISE SHOWN ON THE DRAWINGS CONCRETE COVER FOR REINFORCING BARS SHALL BE AS FOLLOWS:

FOR CONCRETE PLACED AGAINST EARTH ..... 3"

FOR SURFACES IN CONTACT WITH WATER OR WEATHER AND FORMED SURFACES IN CONTACT WITH EARTH ..... 2"

FOR CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH WATER OR EARTH ..... 1 1/2"

UNLESS OTHERWISE NOTED, WALLS AND SLABS SHOWN WITH A SINGLE LAYER OF REINFORCEMENT SHALL HAVE THE REINFORCEMENT CENTERED.

SLABS WITH SLOPING SURFACES SHALL HAVE THE INDICATED SLAB THICKNESS MAINTAINED AT THE MINIMUM. SLAB BOTTOMS SHALL REMAIN PARALLEL WITH THE TOP SURFACE AS IN A LEVEL. REINFORCING IN SLABS WITH SLOPING SURFACES SHALL BE PLACED TO THE REQUIRED CLEARANCE FROM THE SLAB SURFACE.

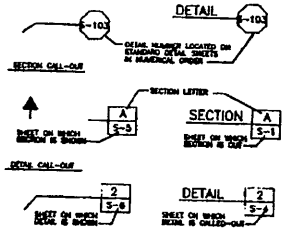
STRUCTURAL STANDARD DETAILS

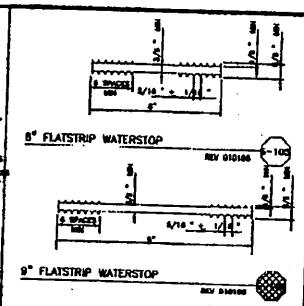
DETAILS ON SHEETS [illegible] THRU [illegible] ARE PART OF MONROE COUNTY TAYLOR'S STRUCTURAL STANDARD DETAILS.

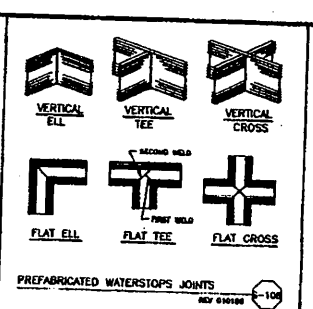
THESE DETAILS ARE TO BE USED WHEN REFERRED TO OR WHEN NO OTHER MORE RESTRICTIVE OR DIFFERENT DETAILS ARE SHOWN ON THE DRAWINGS.

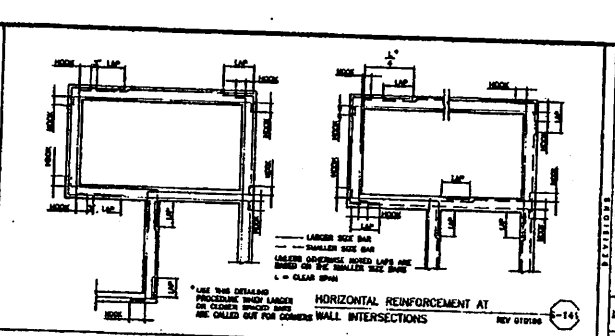
DETAILS NOT PERTAINING TO THE PROJECT ARE MARKED BLUE.

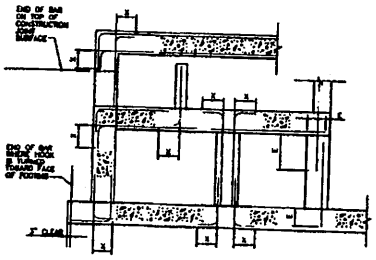
STRUCTURAL STANDARD DETAIL CALL-OUT









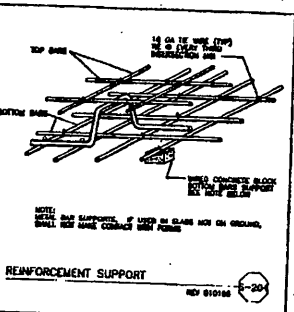


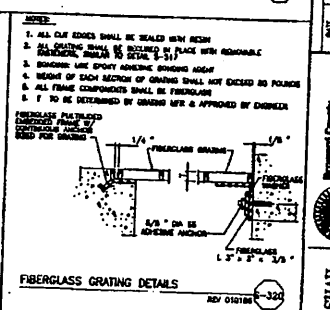
LENGTH (INCHES)			
BAR SIZE	HOOK X	LAP	EMBEDMENT E
#3	6"	16"	12"
#4	8"	18"	14"
#5	10"	23"	18"
#6	12"	28"	22"
#7	14"	33"	26"
#8	16"	SEE TABLE BELOW	SEE TABLE BELOW
#9	18"		
#10	22"		
#11	24"		

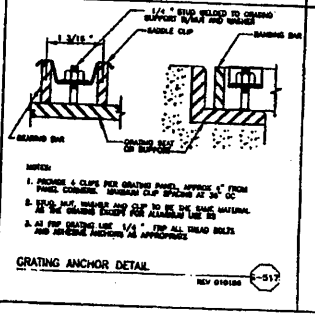
LENGTH (INCHES)						
REBAR SIZE	FOR 1" TO < 2" CONCRETE COVER REBAR SPACING (CENTER TO CENTER)		FOR 2" TO < 3" CONCRETE COVER REBAR SPACING (CENTER TO CENTER)		FOR 3" AND LARGER CONCRETE COVER REBAR SPACING (CENTER TO CENTER)	
	< 6"	≥ 6"	< 6"	≥ 6"	< 6"	≥ 6"
LAP						
#6	63"	52"	37"	37"	37"	37"
#8	96"	79"	56"	56"	49"	42"
#10	126"	100"	88"	79"	63"	50"
#11	154"	123"	108"	88"	77"	62"
EMBEDMENT E						
#6	46"	46"	28"	28"	28"	28"
#8	77"	61"	44"	43"	38"	33"
#10	97"	77"	68"	64"	49"	39"
#11	118"	94"	84"	67"	60"	49"

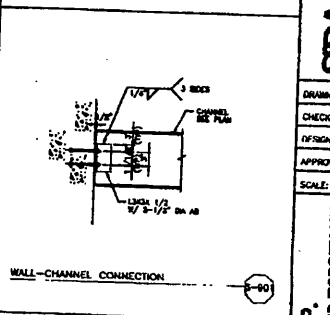
NOTES:
1. USE LAP LENGTHS AS DETERMINED FROM THESE TABLES UNLESS SHOWN OTHERWISE
2. THE TABLES SHOWN ARE FOR FC'=4000 PSI AND fy=60,000 PSI
3. MULTIPLY THE LAP & E SHOWN IN THESE TABLES BY 1.3 FOR BAR LOCATIONS WHERE MORE THAN 12" OF FRESH CONCRETE IS CAST BELOW THE BAR
4. WHEN BAR IS UNLIMITED SIZE USE LAP SPLICES, LAP LENGTH SHALL BE THE LARGER OF:
   EMBEDMENT LENGTH OF LARGER BAR
   LAP LENGTH OF SMALLER BAR
5. UNLESS NOTED OTHERWISE USE REBAR COUPLERS FOR SPLICES OF #11 AND LARGER BARS
6. ALL DOWEL BARS SHALL EXTEND AN EMBEDMENT LENGTH E INTO ANOTHER MEMBER ON ACROSS A CONSTRUCTION JOINT UNLESS SHOWN TO SPLICE WITH OTHER BARS OR TO EXTEND TO THE FAR FACE OF THE MEMBER AND END WITH A STANDARD HOOK

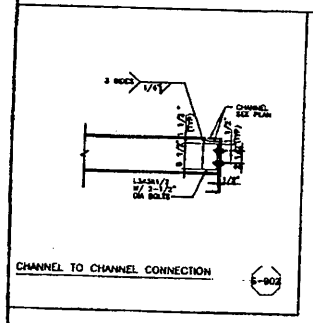
STANDARD 90° BAR HOOKS, EMBEDMENT LENGTHS AND LAP LENGTHS
REV 010186
S-143
UNLESS OTHERWISE NOTED ON DRAWINGS











PERMIT SET
MUST BE ON SITE AT ALL TIMES DURING CONSTRUCTION

MATERIAL
ALL MATERIAL USED AND INSTALLATIONS MADE WITHIN THE PUBLIC RIGHT-OF-WAY OR EASEMENTS SHALL BE IN ACCORDANCE WITH BROWARD COUNTY ENGINEERING DIVISION "MINIMUM STANDARDS"

NOTICE
INSPECTION REQUIRED
24HRS. PRIOR TO COMMENCING ANY WORK IN THE PUBLIC RIGHT-OF-WAY CONTACT THE BROWARD COUNTY ENGINEERING DIVISION AT (954)357-6133 FOR INSPECTION

NOTE
APPROVAL OF THIS PLAN DOES NOT CONSTITUTE A PERMIT FOR CONSTRUCTION. A PERMIT FOR CONSTRUCTION MUST BE OBTAINED FROM THE BROWARD COUNTY ENGINEERING DIVISION PRIOR TO COMMENCING CONSTRUCTION IN THE PUBLIC RIGHT-OF-WAY.

MONTGOMERY WATSON
Ft. Lauderdale, Florida

REVISIONS
DATE | BY | DESCRIPTION

Broward County Office of Environmental Services

SDA SHAH DIROTOS & ASSOCIATES
1885 W. Commercial Blvd. • Suite 190 • Ft. Lauderdale, FL 33309
PH: 954-776-7604 • FAX: 954-776-7608

DRAWN BY:
CHECKED BY:
DESIGNED BY:
APPROVED BY:
SCALE:

C.C.N.I.P.
35th AVENUE DITCH AND FORCEMAIN
BROWARD COUNTY, FLORIDA

GENERAL NOTES AND STANDARD DETAILS

SEAL
SEP 15 1998
P.A. P.E. No. 42492
DATE: SEPT., 1998
JOB NO. 0280A.000
SHEET PD-32

E:\Cad\Eng\0280a.00\MONT\gs1.dwg, Model, 08/15/98 08:51:51 AM, Dayton Lowe

STAFF REPORT DISTRIBUTION LIST

CENTRAL COUNTY NEIGHBORHOOD
APPLICATION NUMBER: 990618-10
PERMIT MODIFICATION NUMBER: 06-02523-P

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BROWARD COUNTY

X Applicant's Agent
MONTGOMERY WATSON AMERICAS
X Applicant's Consultant
SHAH DROTOS & ASSOCIATES INC

X Engineer, County of:
BROWARD

Engineer, City of:

Local Drainage District:

COUNTY

X Broward -BCDPEP
-Director, Water Mgmt Div

BUILDING AND ZONING

OTHER

City of Sunrise
X David Sinclair
X FDEP
X Florida Audubon - Charles Lee
X Florida Fish & Wildlife Conservation Com

EXHIBIT 17

EXHIBIT 5
Public Drainage Easement
And Legal Description

PREPARED BY AND RETURN TO:

SHAUN N. AMARNANI, ESQ.
City of Fort Lauderdale
City Attorney's Office
1 East Broward Blvd., Suite 1320
Fort Lauderdale, FL 33301

(Space Above Reserved for Recording Information)

PUBLIC DRAINAGE EASEMENT

THIS INDENTURE, made this _____of _____, 2026, by and between:

CITY OF LAUDERHILL, whose principal address is, a municipal corporation existing under the laws of the State of Florida whose address is 5581 W. Oakland Park Blvd Lauderhill, FL 33313, hereinafter "Grantor",

In Favor of

CITY OF FORT LAUDERDALE, a municipal corporation existing under the laws of the State of Florida, whose address is 101 Northeast 3rd Avenue, Suite 2100, Fort Lauderdale, FL 33301, hereinafter the "Grantee", its successors and assigns.

WITNESSETH:

That said Grantor(s), for and in consideration of the sum of TEN DOLLARS ($10.00) and other good and valuable considerations to said Grantor(s) in hand paid by said Grantee, the receipt of which is hereby acknowledged, has granted, bargained and sold unto the said Grantee, its successors and assigns a non-exclusive easement to all drainage infrastructure, and related infrastructure of the City of Lauderhill, as well as the related area, for the retention, detention, conveyance, discharge and management of surface water runoff, and the right to access and install, inspect, test, maintain, permit, repair, relocate, rehabilitate and replace such drainage infrastructure from time to time within the Easement Area and all other public purposes related thereto, as Grantee may deem necessary over, along, through, in, above, within and under the "Easement Area", said Easement Area lying and being in Lauderhill, Broward County, Florida, more particularly described as follows:

SKETCH & LEGAL DESCRIPTION
EXHIBIT "A"
(hereinafter, the "Easement Area")

Grantor(s) hereby covenants with said Grantee that said Grantor(s) is lawfully seized of fee simple title to the Easement Area and that Grantor(s) hereby fully warrants and defends the title to this Easement Area hereby granted and conveyed against the lawful claims of all persons whomsoever.

Grantor(s) shall not make or construct any improvements within the Easement Area,

conduct any activities which will conflict or interfere with the Easement granted herein, without the approval of Grantee. Further, Grantor will not construct any walls or other permanent structures within the Easement Area without the approval of Grantee.

*("Grantor" and "Grantee" are used for singular or plural, as context requires.)

TO HAVE AND TO HOLD the same unto the Grantee, its successors and assigns forever.

IN WITNESSES WHEREOF, the Grantor has hereunto set Grantor's hand and seal the day and year first above written.

WITNESSES:

_____
(Witness 1 Signature)
Print Name: _____
Address: _____
_____

_____
(Witness 2 Signature)
Print Name:_____
Address: _____
_____

GRANTOR:

CITY OF LAUDERHILL, a municipal corporation of the State of Florida

By: _____
Kennie Hobbs, Jr., Manager

STATE OF FLORIDA
COUNTY OF BROWARD

The foregoing instrument was acknowledged before me by means of ☐ physical presence or ☐ online notarization, this _____ day of _____, 20___ by Kennie Hobbs, Jr. as City Manager of the City of Lauderhill, Florida a Municipal Corporation existing under the laws of the State of Florida, on behalf of the City of Lauderhill.

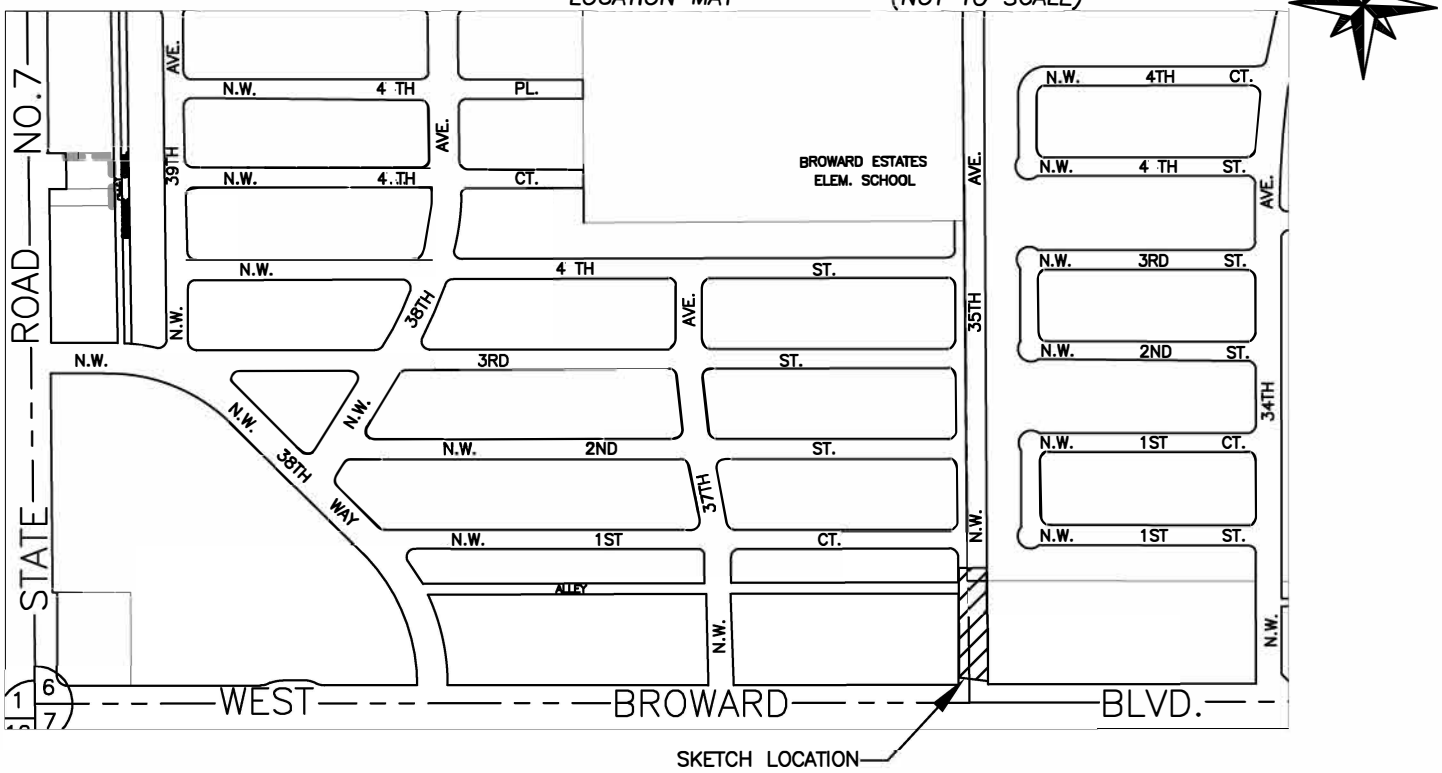
Approved as to Form and Correctness:	_____ Notary Public, State of Florida (Signature of Notary taking Acknowledgement)
City Attorney City of Lauderhill	_____ Name of Notary Typed, Printed or Stamped My Commission Expires: _____ Commission Number: _____

EXHIBIT "A"

SKETCH AND DESCRIPTION

THIS IS NOT A SURVEY

LOCATION MAP *(NOT TO SCALE)*



DESCRIPTION: 50.00 FOOT WIDE DRAINAGE EASEMENT

A STRIP OF LAND BEING A PORTION OF THE SOUTH HALF OF SECTION 6, TOWNSHIP 50 SOUTH, RANGE 42 EAST AND BEING A PORTION OF NW 35 AVENUE RIGHT OF WAY. SAID STRIP BEING AN EASEMENT FOR DRAINAGE PURPOSES 50.00 FEET WIDE LYING 25.00 FEET ON EACH SIDE OF THE FOLLOWING DESCRIBED LINE:

COMMENCING AT THE SOUTHEAST QUARTER (SE ¼) CORNER OF THE SOUTHWEST QUARTER (SW ¼) OF SAID SECTION 6; THENCE NORTHERLY COINCIDENT WITH THE EAST LINE OF SAID SOUTHWEST QUARTER A DISTANCE OF 62.43 FEET TO THE NORTHERLY MAINTAINED RIGHT OF WAY LINE OF EAST BROWARD BOULEVARD DETERMINED BY FDOT MAINTENANCE MAP SECTION 86006–MAINT.(2), SHEET 3 OF 8, RECORDED IN INSTRUMENT NUMBER 118312353, OF THE PUBLIC RECORDS OF BROWARD COUNTY, FLORIDA AND BEING THE POINT OF BEGINNING; THENCE CONTINUING NORTHERLY COINCIDENT WITH SAID EAST LINE A DISTANCE OF 300.58 FEET TO THE POINT OF TERMINATION. THE SIDELINES OF SAID CENTERLINE TO BE EXTENDED OR SHORTENED TO MEET AT ANGLE POINTS.

ALL SAID LANDS LYING AND BEING IN THE CITY OF LAUDERHILL, BROWARD COUNTY, FLORIDA. CONTAINING 15,030 SQUARE FEET MORE OR LESS.

NOTES:

1)BEARINGS ARE BASED UPON A GRID BEARING OF N 02°25'58" W ALONG THE EAST LINE OF THE SW ¼ OF SAID SECTION 6.
2)THIS IS NOT A SKETCH OF SURVEY AND DOES NOT REPRESENT A FIELD SURVEY.
3)SUBJECT TO EXISTING EASEMENTS, RIGHT–OF WAYS, COVENANTS, RESERVATIONS AND RESTRICTIONS OF RECORD, IF ANY
4)THIS SKETCH IS NOT VALID WITHOUT THE SIGNATURE AND ORIGINAL RAISED SEAL OF A FLORIDA LICENSED SURVEYOR AND MAPPER
5)THIS DOCUMENT CONSISTS OF 2 PAGES AND IS NOT VALID OR COMPLETE WITHOUT ALL PAGES.

I HEREBY CERTIFY THAT THE HEREIN SKETCH AND DESCRIPTION IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, PREPARED UNDER MY RESPONSIBLE CHARGE IN ACCORDANCE WITH THE STANDARDS OF PRACTICE IN CHAPTER 5J–17, FLORIDA ADMINISTRATIVE CODES, PURSUANT TO SECTION 472.027.

SHEET 1 OF 2

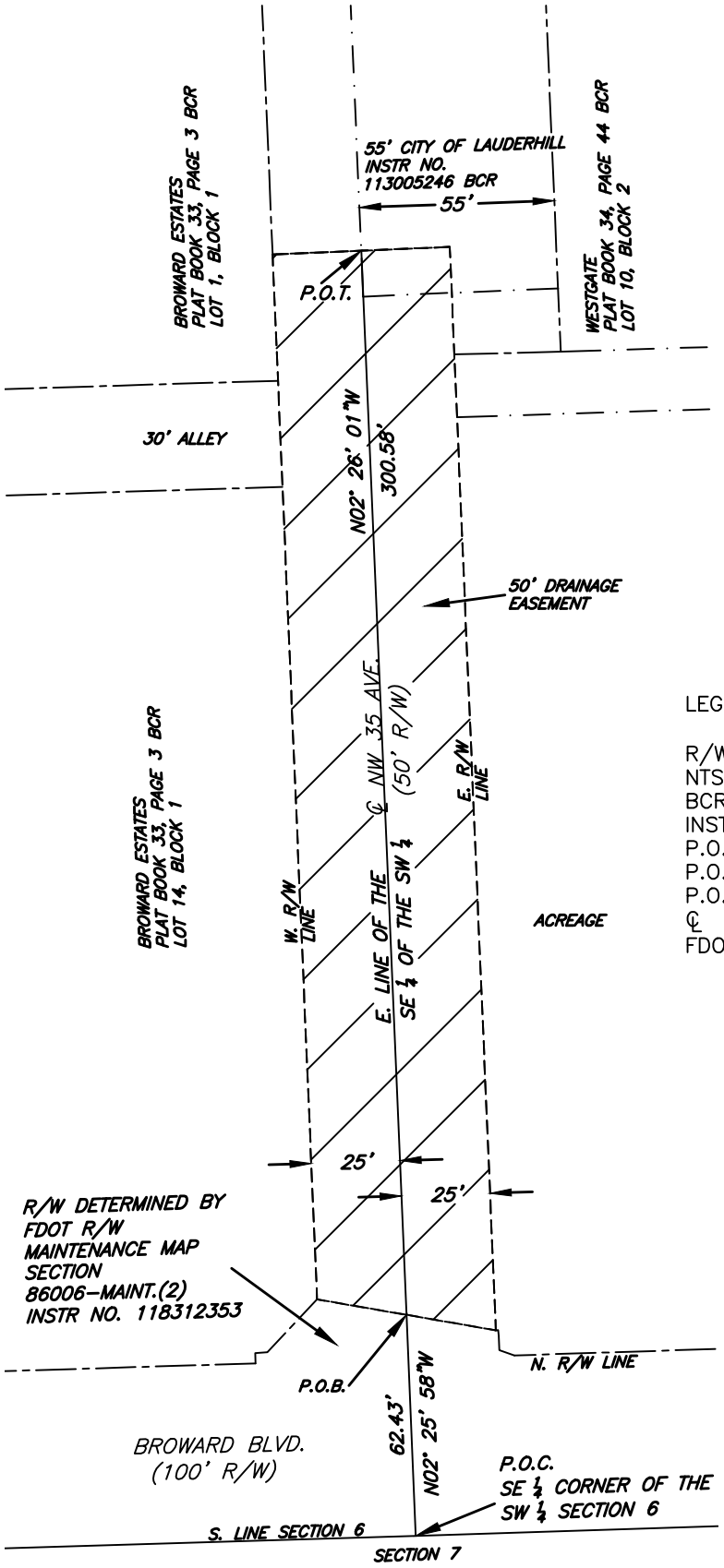
DATED: OCTOBER 10th, 2025

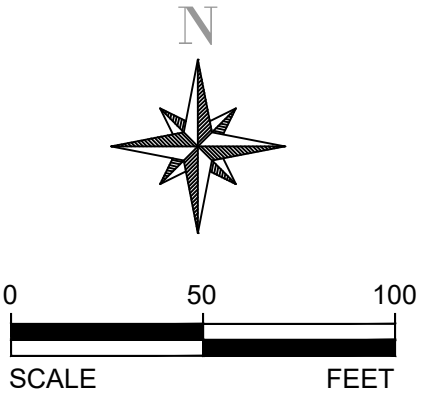
MICHAEL W. DONALDSON _____
PROFESSIONAL SURVEYOR AND MAPPER NO. 6490
STATE OF FLORIDA

CITY OF FORT LAUDERDALE		
EXHIBIT 1 50' DRAINAGE EASEMENT NW 35 AVE.		
BY: M.D.	ENGINEERING DIVISION	DATE: 10/10/25
CHK'D M.D.		SCALE:NTS

SKETCH AND DESCRIPTION

THIS IS NOT A SURVEY





LEGEND:

R/W	RIGHT OF WAY
NTS	NOT TO SCALE
BCR	BROWARD COUNTY RECORDS
INSTR NO.	BROWARD COUNTY RECORDS
P.O.B.	POINT OF BEGINNING
P.O.C.	POINT OF COMMENCEMENT
P.O.T.	POINT OF TERMINATION
℄	CENTERLINE
FDOT	FLORIDA DEPARTMENT OF TRANSPORTATION

SHEET 2 OF 2

CITY OF FORT LAUDERDALE		
EXHIBIT 1 50' DRAINAGE EASEMENT NW 35 AVE.		
BY: M.D.	ENGINEERING DIVISION	DATE: 10/10/25
CHK'D M.D.		SCALE: 1"=50'