

FLAMINGO OIL COMPANY

GENERAL NOTES & SPECIFICATION FOR WATER MAIN INSTALLATIONS

- ALL MATERIALS AND CONSTRUCTION UNDER THIS PROJECT SHALL BE IN STRICT ACCORDANCE WITH THE REQUIREMENTS OF THE CITY OF NORTH MIAMI BEACH ENGINEERING DEPARTMENT (NMB) AND/OR DADE COUNTY PUBLIC WORKS DEPARTMENT (DCPWD) AND/OR FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) AND SHALL CONFORM TO THE STANDARDS AND SPECIFICATIONS AVAILABLE AND ON FILE WITH THE DEPARTMENT. AS A MINIMUM REQUIREMENT, THE STANDARDS OF THE AWWA SHALL APPLY.
- COVER OVER WATER MAINS SHALL BE 3'-0" UNLESS SPECIFIC WRITTEN EXCEPTION IS ISSUED OR REQUIRED BY AN AUTHORIZED REPRESENTATIVE OF NMB.
- DETECTOR TAPE SHALL BE INSTALLED 18" ABOVE THE CENTERLINE OF WATER MAINS AND SERVICES.
- ALL WATER MAIN LINE VALVES SHALL BE INSTALLED COMPLETE WITH 10" RISER PIPES AND No. 3 VALVES BOXES. FIRE HYDRANTS SERVICE VALVES SHALL BE INSTALLED COMPLETE WITH THE 6" RISER PIPES AND VALVE BOXES AS PER NMB STANDARD FIG. 305.
- ALL WATER METERS UP TO 2" WILL BE INSTALLED BY DEPARTMENT PERSONNEL PROVIDING THE APPROPRIATE CHARGES HAVE BEEN PRE-PAID. PROVISION OF SERVICE PIPES, BACKFLOW PREVENTERS, VALVES AND METER OR PITS WILL BE IN ACCORDANCE WITH THE CONSTRUCTION PLANS SPECIFICATIONS APPROVED BY NMB.
- FIRE HYDRANT REQUIREMENTS (NUMBER AND LOCATION) SHALL BE AS REQUIRED BY THE DADE COUNTY FIRE DEPARTMENT OR THE APPROPRIATE FIRE AGENCY WITH INSTALLATIONS IN ACCORDANCE WITH NMB STANDARDS.
- CONTRACTOR MUST CALL THE NMB INSPECTION DIVISION AND ALL OTHER APPLICABLE PERMITTING AGENCIES TO ARRANGE FOR PRE-CONSTRUCTION MEETING AT LEAST 72 HOURS PRIOR TO PROPOSED START OF CONSTRUCTION.
- NMB PERSONNEL WITH INSPECT ALL FACILITIES APPROVED BY THA ENGINEERING DEPARTMENT. ALL OTHER REQUIREMENTS OF THE PERMITTING AGENCY SHALL BE IN ACCORDANCE WITH THEIR STANDARDS AND REQUIREMENTS.
- WORK PERFORMED UNDER THIS PROJECT WILL NOT BE CONSIDERED AS COMPLETE UNTIL FINAL ACCEPTANCE OF THE SYSTEM BY THE DEPARTMENT AND UNTIL THE FOLLOWING DOCUMENTS ARE RECEIVED AND APPROVED BY NMB.
 - EASEMENTS, IF REQUIRED (WETHER BY DEED OR PLAT SUITABLE RECORDED)
 - CONTRACTOR'S WAIVER AND RELEASE OF LIEN
 - ABSOLUTE BILL OF SALE
 - CONTRACTOR'S LETTER OF WARRANTY (I.E. LETTER AGREEMENT)
 - CONTRACTOR'S MAINTENANCE BOND (FOR 1 YEAR)
 - AS-BUILT 3 ML MYLAR 24" x 36" SHOWING SPECIFIC LOCATIONS, DEPTHS ETC. OF ALL WATER FACILITIES AS LOCATED BY A LICENSED SURVEYOR, ALONG WITH TWO (2) PRINTS OF THE "AS-BUILT" WHICH HAVE BEEN SIGNED AND SEALED BY A REGISTERED SURVEYOR OR ENGINEER OF RECORD AND ENDORSED BY THE CONTRACTOR IN ACCORDANCE WITH NMB STANDARDS.
- ALL NEW CONNECTIONS FROM EXISTING NMB MAINS TO BE INSPECTED BY NMB FORCES PRIOR TO BACKFILL.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING ALL LOCATIONS, DIMENSIONS, ELEVATIONS AND THE LOCATIONS OF ALL UNDER GROUND STRUCTURES AND UTILITIES PRIOR TO THE START OF CONSTRUCTION. THE LOCATIONS SHOWN ON THE PLANS ARE NOT GUARANTEED ACCURATE OR CORRECT BY THE KNOWN UTILITY COMPANIES.
- THRUST BLOCKS SHALL BE PROVIDED AT ALL BENDS, TEES AND PLUGS IN ACCORDANCE WITH NMB STANDARD DETAILS.
- ALL FITTINGS AT REACTION POINTS SHALL BE FITTED WITH MEGALUG RETAINER GLANDS OR APPROVED EQUAL. MEETING NMB REQUIREMENTS. ALL VALVES ARE TO BE RESTRAINED WITH RETAINER GLANDS.
- PIPE INSTALLATION, CLEANING, FLUSHING, TESTING AND DISINFECTING, AS PER NMB AND STATE OF FLORIDA DEPARTMENT OF HEALTH STANDARDS FOR THE INSTALLATION OF WATER MAINS BY CUSTOMER DONATION PROJECTS.
- PIPE INSTALLATION, CLEANING, FLUSHING, TESTING AND DISINFECTING, AS PER NMB AND STATE OF FLORIDA DEPARTMENT OF HEALTH STANDARDS FOR THE INSTALLATION OF WATER MAINS BY CUSTOMER DONATION PROJECTS.
- THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF INSPECTIONS FOR ANY CONSTRUCTION ACTIVITIES OCCURRING OUTSIDE NORMAL WORKING HOURS (8:00 A.M. TO 5:00 P.M.) SATURDAYS AND SUNDAYS AND HOLIDAYS EXCLUDED AND ARRANGEMENTS FOR INSPECTIONS OUTSIDE NORMAL WORKING HOURS MUST BE MADE A MINIMUM OF 48 HOURS IN ADVANCE OF THE CONSTRUCTION ACTIVITY.
- ALL TRENCHES TO BE OVER-EXCAVATED A MINIMUM OF 6" TO PROVIDE FOR INSTALLATION OF GRAVEL BEDDING IN ACCORDANCE WITH NMB STANDARDS.
- SURFACE RESTORATION, PAVEMENT REPLACEMENT, SIDEWALK REPLACEMENT, TRENCH BACKFILLING AND COMPACTION SHALL COMPLY WITH THE APPLICABLE CURRENT NMB, DCPWD AND FDOT STANDARDS.
- ALL GATES VALVES TO BE RESILIENT SEAT PER AWWA-C509.
- WHERE FIELD CONDITIONS REQUIRE AS DETERMINED BY NMB, THE WATER MAIN SHALL BE POLYETHYLENE ENCASED IN ACCORDANCE WITH AWWA C-105.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING NMB WITH H.D. LETTER OF CLEARANCE TO PLACE A PUBLIC DRINKING WATER FACILITY INTO SERVICE. THE ENGINEER OF RECORD SHALL PROVIDE NMB WITH A SIGNED AND SEALED PRESSURE TEST REPORT CERTIFYING PRESSURE TEST RESULTS.

THE FOLLOWING ARE REQUIREMENTS PER DEPARTMENT OF HEALTH

WATER MAIN HORIZONTAL SEPARATIONS

- SEPARATIONS SHALL BE MEASURED OUTSIDE EDGE TO OUTSIDE EDGE.
- BETWEEN WATER MAINS AND STORM SEWERS, STORMWATER FORCE MAINS, OR RECLAIMED WATER LINES, SHALL BE 3 FT. MINIMUM.
- BETWEEN WATER MAINS AND VACUUM TYPE SEWER PREFERABLY 10 FT. AND AT LEAST 3 FT. MINIMUM.
- GRAVITY OR PRESURE SANITARY SEWER, WASTEWATER FORCE MAINS OR RECLAIMED WATER PREFERABLY 10 FT. AND AT LEAST 6 FT. MAY BE REDUCED TO 3 FT. WHERE BOTTOM OF WATER MAIN IS AT LEAST 6 INCHES ABOVE TOP OF SEWER.
- 10 FT. TO ANY PART OF ON-SITE SEWER TREATMENT OR DISPOSAL SYSTEM.

WATER MAIN VERTICAL SEPARATIONS

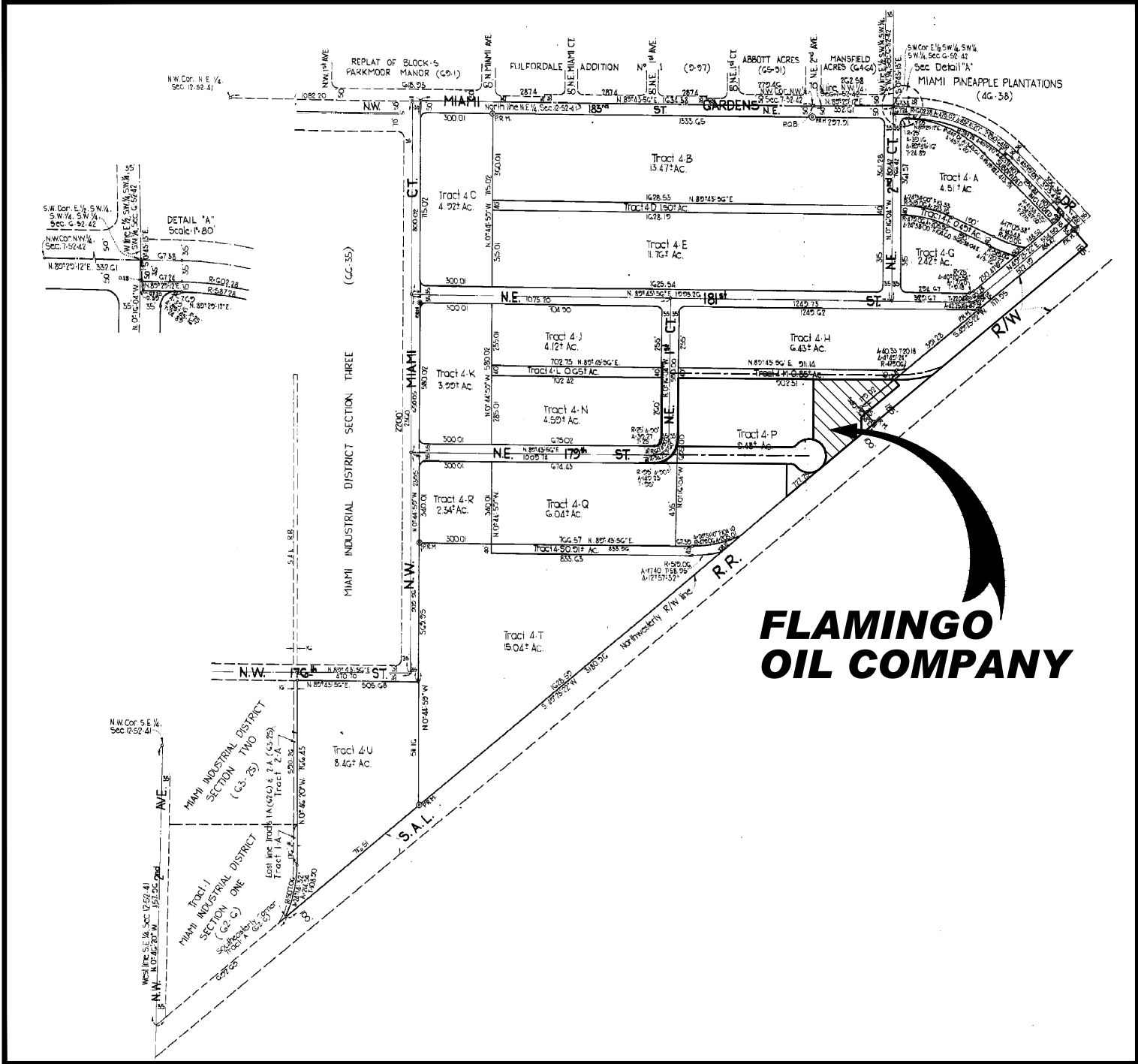
- SEPARATIONS BETWEEN WATER MAINS AND GRAVITY SEWER, VACUUM TYPE SEWER, VACUUM TYPE SEWER, OR STORM SEWERS, TO BE PREFERABLE 12 INCHES, OR AT LEAST 6 INCHES ABOVE, OR AT LEAST 12 INCHES BELOW. *
- PRESSURE SANITARY SEWER, WASTEWATER OR STORM WATER FORCE MAIN, OR RECLAIMED WATER, AT LEAST 12 INCHES ABOVE OR BELOW. *

* NOTE: CENTER ONE (1)-FULL LENGTH OF WATER MAIN PIPE AT CROSSINGS; ALTERNATIVELY ARRANGE PIPES SO JOINTS ARE AT LEAST 3 FEET FROM JOINTS IN VACUUM, STORM OR STORM FORCE MAINS. AT LEAST 6 FEET FROM JOINTS IN GRAVITY OR PRESSURE SEWERS, WASTEWATER FORCEMAINS OR RECLAIMED WATER.

TRENCH PROTECTION

TRENCH EXCAVATION PROTECTION SHALL BE ACCOMPLISHED AS REQUIRED BY THE PROVISIONS OF, PART 1926, SUBPART P, EXCAVATIONS, TRENCHING AND SHORING OF THE OCCPPATIONAL SAFETY AND HEALTH ADMINISTRATIONS STANDARDS AND INTERPRETATIONS.

WATER MAIN EXTENSION



LOCATION MAP A PORTION OF THE E. 1/2 OF SECTION 12, TOWNSHIP 52 SOUTH, RANGE 41 EAST AND A PORTION OF THE NW 1/4 OF SECTION 7, TOWNSHIP 52 SOUTH, RANGE 42 EAST MIAMI-DADE COUNTY, FLORIDA. SCALE = 1" : 600'

SCOPE OF WORK	
	SUMMARY OF QUANTITY
12" D.I.P.-WM (CLASS 350)	922 L.F.
6" D.I.P.-WM (CLASS 250)	69 L.F.
6" GATE VALVE	3
6" TAPPING VALVE	2
6" VALVE BOX	5
6" x 6" TAPPING SLEEVE	2
FIRE HYDRANT	2
6" x 12" ENLARGER	1
6" DDV	1
2" BACKFLOW PREVENTER	1
8" POST INDICATOR VALVE	1 (PRIVATE)
12"-45° ELBOW	1
12"-45° ELBOW VERT. OFFSET	2
12"-90° ELBOW	1
12" x 6" TEE	3
12" PLUG	1
2" WATER METER ASSEMBLY	1

LEGEND & ABBREVIATIONS					
EXISTING			PROPOSED		
ABBREVIATION	SYMBOL	DEFINITION	ABBREVIATION	SYMBOL	DEFINITION
C.L.	---	CENTER LINE	C.I.	---	CAST IRON
M	---	MONUMENT LINE	D.I.P.	---	DUCTILE IRON PIPE CLASS 350
R/W	---	PROPERTY LINE	P.V.C.	---	POLYVINYL CHLORIDE
4"G	---	RIGHT-OF-WAY LINE	---	---	RUN-OFF DIRECTION
4"WM	---	GAS MAIN & SIZE	4"G	---	GAS MAIN & SIZE
WM	---	WATER MAIN & SIZE	4"WM	---	WATER MAIN & SIZE
GV	---	WATER METER	WM	---	METER INSTALLATION
MH	---	GATE VALVE	GV	---	GATE VALVE
ST-MH	---	MANHOLE	MH	---	MANHOLE
CB	---	STORM-MANHOLE	ST-MH	---	STORM-MANHOLE
TRENCH	---	CATCH BASIN	CB-1	---	CATCH BASIN & NUMBER
ELEV.	---	FRENCH DRAIN	25' ET	---	EXFILTRATION TRENCH & LENGTH
	---	GRADE ELEVATIONS	ELEV.	---	GRADE ELEVATIONS
FH	---	FIRE HYDRANT	FH	---	FIRE HYDRANT
ASP.	---	ASPHALT PAVEMENT	ASP.	---	ASPHALT PAVEMENT
E.L.A.	---	LANDSCAPED AREA	L.A.	---	LANDSCAPED AREA
TBP	---	TURF BLOCK PAVEMENT	TBP	---	TURF BLOCK PAVEMENT
BB-LINE	---	BURIED BELLSOUTH LINE		---	PAVEMENT RESTORATION
U-ELEC-LINE	---	UNDERGROUND ELECTRIC LINE		---	

CITY OF NORTH MIAMI BEACH PUBLIC SERVICES "AS-BUILT STANDARDS"

PIPELINE

Show station numbers every 100 feet on plan and profile indicating where pipe begins and ends.

On plan, show dimension of street from R/W to R/W with Center-line.

Show offset dimensions from one of the above to pipeline at each station, valve and fitting.

On profile, show elevation of pipe at each 100-foot station. At each valve and fitting show station number and elevation. (Show FINAL Ground Elevation, finished Grade Elevations to be marked at every 100-foot station), interim or construction elevation are acceptable.

Indicate if pipe is in private property locating base-line survey line and length and width of easement from R/W line. Also, indicate easement for service lines & fire hydrants.

Indicate manufacturer, size, material, type of joint, thickness, class and/or type of all pipe installed.

Show type of joint restraint installed on pipe, valves or fittings where appropriate (thrust-blocks, retainer glands, restrained joint pipe, etc.).

SERVICES AND METERS

Show location of all underground and above ground facilities within 10 feet of center-line of pipe on plan and profile, i.e., Gas, FPL, Water, Sewer, Telephone, etc. and catch basins, sidewalks, manholes, utility poles, etc., including station number and elevation.

VALVES

Indicate size, type (gate, butterfly, etc.), manufacturer and number of turns to open or close

All valves are to be located with dimensions from at least two permanent reference points.

Indicate which side of butterfly valve the nut is located.

OTHER

When correcting a set of design drawings to reflect As-Built information, design information is to be erased and replaced with As-Built information.

Show location of all underground and above ground facilities within 10 feet of center-line of pipe on plan and profile, i.e., Gas, FPL, Water, Sewer, Telephone, etc. and catch basins, sidewalks, manholes, utility poles, etc., including station number and elevation.

When both water and sewer lines installed, a separate set of Mylar "As-Built" drawings required for each.

When water and/or sewer lines installed in private property, over-all site plan of property is required showing configuration of all pipelines within easements, indicating property line survey and matchlines with corresponding page number, etc.

Title and Sheet Number to be put on each sheet.

Area location map and overall project key map are to be included on "As-Built" drawing.

"As-built" drawings to be same scale as permit drawings
(Plan - 1 in. = 20 ft. Profile - 1 in. = 20 ft. horiz. And 1 in. = 2 ft. vertical) unless otherwise required by Utility.

The following statement is required to be included and signed on as-built drawings:

LEGAL DESCRIPTION:

PARCEL ONE

A portion of Tract 4P, "MIAMI INDUSTRIAL DISTRICT SECTION FOUR", according to the Plat thereof, as recorded in Plat Book 72, at Page 25 of the Public Records of Miami-Dade County, Florida, and a portion of the Seaboard Airline Railroad Right-of-Way lying adjacent to said Tract 4P, being more particularly described as follows:

BEING at the most Easterly corner of said Tract 4P (said point being coincident with the Southeast corner of Tract 4M as shown on said Plat of "MIAMI INDUSTRIAL SECTION FOUR"), thence run S89° 43' 56"W, along the North line of said Tract 4P, for 338.00 feet; thence run S00° 16' 04"E, at right angle to the last described course for 251.76 feet to a point on the next described curve, said point bearing N12° 36' 11"E, from the radius point of said curve; thence run Easterly, Southerly and Southwesterly, along a circular curve to the right, concave to the west, having for its elements a central angle of 107° 07' 45", a radius of 70.00 feet, for an arc distance of 130.88 feet; thence run N89° 43' 56"E, along the Easterly extension of the South line of N.E. 179th Street, as shown on said Plat of "MIAMI INDUSTRIAL DISTRICT SECTION FOUR", for a distance of 6.30 feet to an intersection with the Northwesterly right-of-way line of the Seaboard Airline Railroad; thence run N49° 23' 22"E, along the Northwesterly right-of-way line of the Seaboard Airline Railroad for 197.10 feet; thence run N00° 16' 04"W, perpendicular to the North line of said Tract 4P for 72.04 feet; thence run N49° 23' 22"E for 204.60 feet; thence run N40° 36' 38"W for 30.06 feet to the Point of Beginning, containing 1.632 acres, more or less.

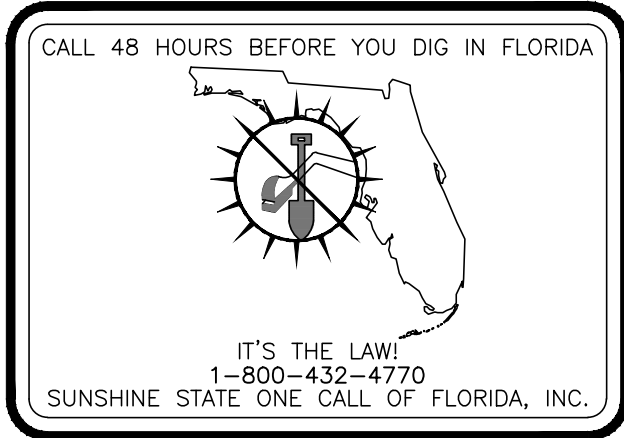
PARCEL TWO

A portion of the Seaboard Coast Line Railroad Right-of Way lying adjacent to Tract 4P "MIAMI DISTRICT SECTION FOUR", according to the Plat thereof, as recorded in Plat Book 72, at Page 25 of the Public Records of Miami-Dade County, Florida, being more particularly described as follows:

Begin at the most easterly corner of said Tract 4p, said point being coincident with the southeast corner of Tract 4N, as shown on said Plat of "MIAMI INDUSTRIAL DISTRICT SECTION FOUR"; Thence run S40°36'38"E for 30.06 feet; thence run S49°23'22"W for 204.60 feet; thence run S00°16'04"E for 72.05 feet; thence run N49°23'22"E for 384.47 feet to a point of cusp on a circular curve concave to the North, said point bears S16°48'29"E from the center of said curve; thence along the arc of said curve, having a radius of 519.06 feet and a central of 16°32'25" for an arc distance of 149.84 feet to a point of tangency; thence run S°43'56"W for 8.85 feet to the Point of Beginning, containing ±17,554 square feet, lying and being in Section 7, Township 50 South, Range 42 East, Miami-Dade County, Florida.

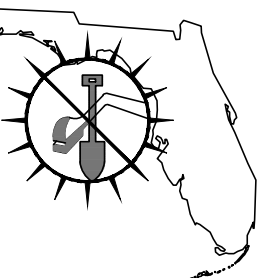
INDEX TO DRAWING

- W-1 COVER AND NOTES
- W-2 KEY MAP
- W-3 PLAN & PROFILE
- W-4 PLAN & PROFILE
- W-5 DETAILS
- W-6 DETAILS



REVISIONS	DATE	BY
SCOPE OF WORK QUANTITIES	6/15/06	DH
1		
WATER MAIN EXTENSION		
COVER AND NOTES		
FLAMINGO OIL COMPANY		
205 N.E. 179th STREET MIAMI, FLORIDA 33162		
Seal:		
VILLANUEVA Associates, Inc. Professional Engineer Civil Engineering AC No. 00019111 299 Alliantina Circle, Suite 406 Coral Gables, Florida 33134 • Phone (305) 448-7274 PLNOIOM. VILLANUEVA, P.E. FL. No. 11381		
Date:	JUNE 22, 2006	
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Of	6 Sheets	

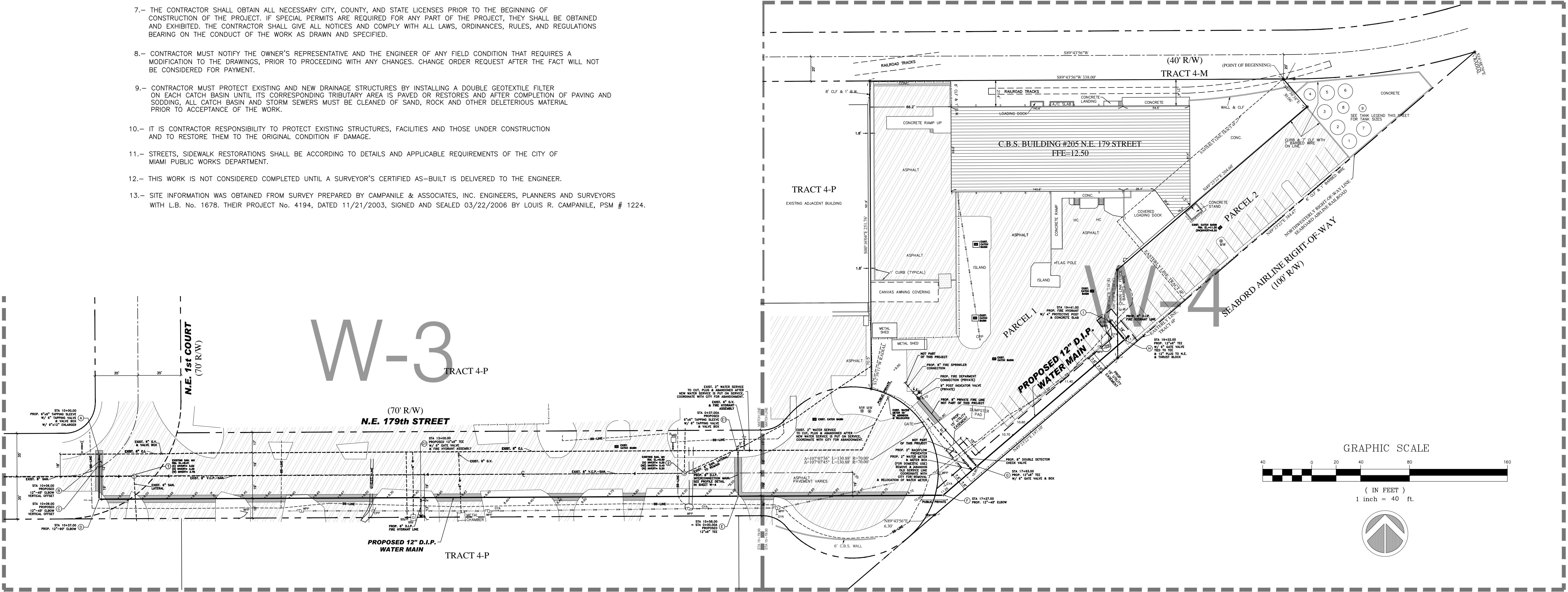
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IT'S THE LAW!
1-800-432-4770
SUNSHINE STATE ONE CALL OF FLORIDA, INC.

GENERAL NOTES

- ALL ELEVATIONS REFER TO THE M.S.L., NATIONAL GEODETIC VERTICAL DATUM (N.G.V.D.).
- ALL WORK TO BE DONE IN COMPLIANCE WITH THE REQUIREMENTS OF AND ACCEPTABLE OF THE CITY OF MIAMI BEACH WATER & SEWER DEPARTMENT AND THE BUILDING AND ZONING DEPARTMENTS, AND APPROVED BY MIAMI-DADE COUNTY DEPARTMENT OF ENVIRONMENTAL RESOURCES MANAGEMENT (DERM) AND FIRE DEPARTMENT.
- IT WILL BE THE CONTRACTOR'S RESPONSIBILITY, AS PART OF THE WORK TO BE DONE, TO COORDINATE HIS WORK WITH WORK BEING INSTALLED BY OTHER CONTRACTORS AND SUB-CONTRACTORS AND OWNER.
- THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES IN THE FIELD AND SHALL NOTIFY THE UTILITY COMPANIES IN THE AREA BEFORE THE START OF CONSTRUCTION. SUPPLEMENTARY ASSISTANCE MAY BE OBTAINED BY CONTACTING THE UNDERGROUND UTILITIES NOTIFICATION CENTER (UNCLE) AT THE TELEPHONE NUMBER 800/432-4770, UNCLE.
- WHERE TRENCHING MAY EXCEED 5 FEET IN DEPTH THE EXCAVATION SHALL COMPLY WITH THE FLORIDA TRENCH SAFETY ACT (SECTION 553.60 - 553.64, FLORIDA STATUTES), AND THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION'S (OSHA) TRENCH EXCAVATION SAFETY STANDARDS, 29 C.F.R.,S 1 926.650 SUBPART INCLUDING ALL SUBSEQUENT REVISIONS OR UPDATES TO THESE STANDARDSAS ADOPTED BY THE DEPARTMENT OF LABOR AND EMPLOYMENT SECURITY (DLES). THE CONTRACTOR SHALL CONSIDER ALL AVAILABLE GEOTECHNICAL INFORMATION IN HIS DESIGN OF THE TRENCH EXCAVATION SAFETY SYSTEM.
- THE CONTRACTOR SHALL FURNISH ALL MATERIAL, LABOR, WATER, TOOLS, EQUIPMENT, LIGHT, POWER, TRANSPORTATION, AND OTHER FACILITIES NECESSARY FOR THE EXECUTION AND COMPLETION OF THE WORK. ALL MATERIALS SHALL BE NEW, AND BOTH WORKMANSHIP AND MATERIALS SHALL BE OF GOOD QUALITY. THE CONTRACTOR SHALL, IF REQUESTED TO, FURNISH SATISFACTORY EVIDENCE AS TO THE QUALITY OF THE MATERIALS.
- THE CONTRACTOR SHALL OBTAIN ALL NECESSARY CITY, COUNTY, AND STATE LICENSES PRIOR TO THE BEGINNING OF CONSTRUCTION OF THE PROJECT. IF SPECIAL PERMITS ARE REQUIRED FOR ANY PART OF THE PROJECT, THEY SHALL BE OBTAINED AND EXHIBITED. THE CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, AND REGULATIONS BEARING ON THE CONDUCT OF THE WORK AS DRAWN AND SPECIFIED.
- CONTRACTOR MUST NOTIFY THE OWNER'S REPRESENTATIVE AND THE ENGINEER OF ANY FIELD CONDITION THAT REQUIRES A MODIFICATION TO THE DRAWINGS, PRIOR TO PROCEEDING WITH ANY CHANGES. CHANGE ORDER REQUEST AFTER THE FACT WILL NOT BE CONSIDERED FOR PAYMENT.
- CONTRACTOR MUST PROTECT EXISTING AND NEW DRAINAGE STRUCTURES BY INSTALLING A DOUBLE GEOTEXTILE FILTER ON EACH CATCH BASIN UNTIL ITS CORRESPONDING TRIBUTARY AREA IS PAVED OR RESTORES AND AFTER COMPLETION OF PAVING AND SODDING, ALL CATCH BASIN AND STORM SEWERS MUST BE CLEANED OF SAND, ROCK AND OTHER DELETERIOUS MATERIAL PRIOR TO ACCEPTANCE OF THE WORK.
- IT IS CONTRACTOR RESPONSIBILITY TO PROTECT EXISTING STRUCTURES, FACILITIES AND THOSE UNDER CONSTRUCTION AND TO RESTORE THEM TO THE ORIGINAL CONDITION IF DAMAGE.
- STREETS, SIDEWALK RESTORATIONS SHALL BE ACCORDING TO DETAILS AND APPLICABLE REQUIREMENTS OF THE CITY OF MIAMI PUBLIC WORKS DEPARTMENT.
- THIS WORK IS NOT CONSIDERED COMPLETED UNTIL A SURVEYOR'S CERTIFIED AS-BUILT IS DELIVERED TO THE ENGINEER.
- SITE INFORMATION WAS OBTAINED FROM SURVEY PREPARED BY CAMPANILE & ASSOCIATES, INC. ENGINEERS, PLANNERS AND SURVEYORS WITH L.B. No. 1678. THEIR PROJECT No. 4194, DATED 11/21/2003, SIGNED AND SEALED 03/22/2006 BY LOUIS R. CAMPANILE, PSM # 1224.



KEY MAP

BY

DATE

REVISIONS


WATER MAIN EXTENSION

KEY MAP

FLAMINGO OIL COMPANY

205 N.E. 179th STREET
MIAMI, FLORIDA 33162

Seal:



VILLANUEVA
Associates, Inc.
Civil Engineers
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209 Alhambra Circle, Suite 406
Coral Gables, Florida 33134
Phone (305) 448-7274
PLINIO M. VILLANUEVA, P.E., No. 11381

Date: JUNE 22, 2006

Scale: AS NOTED

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Job: 05-140

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W-2
Of 6 Sheets

