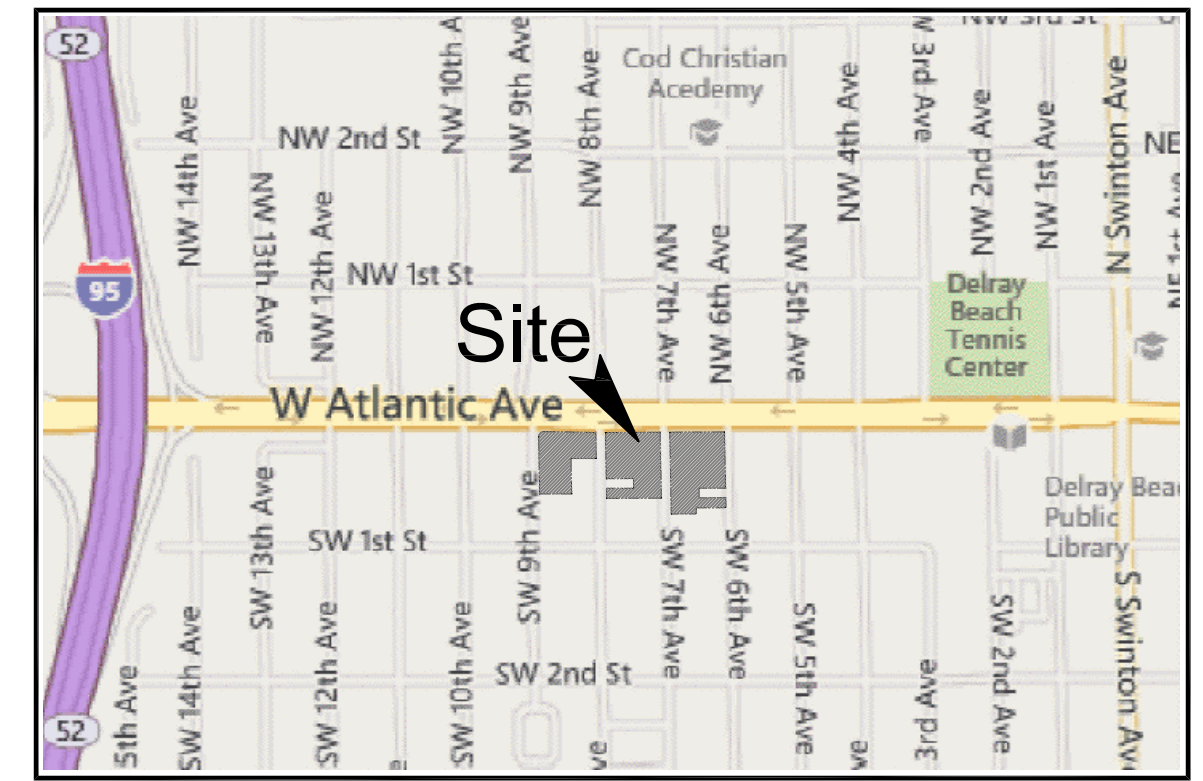
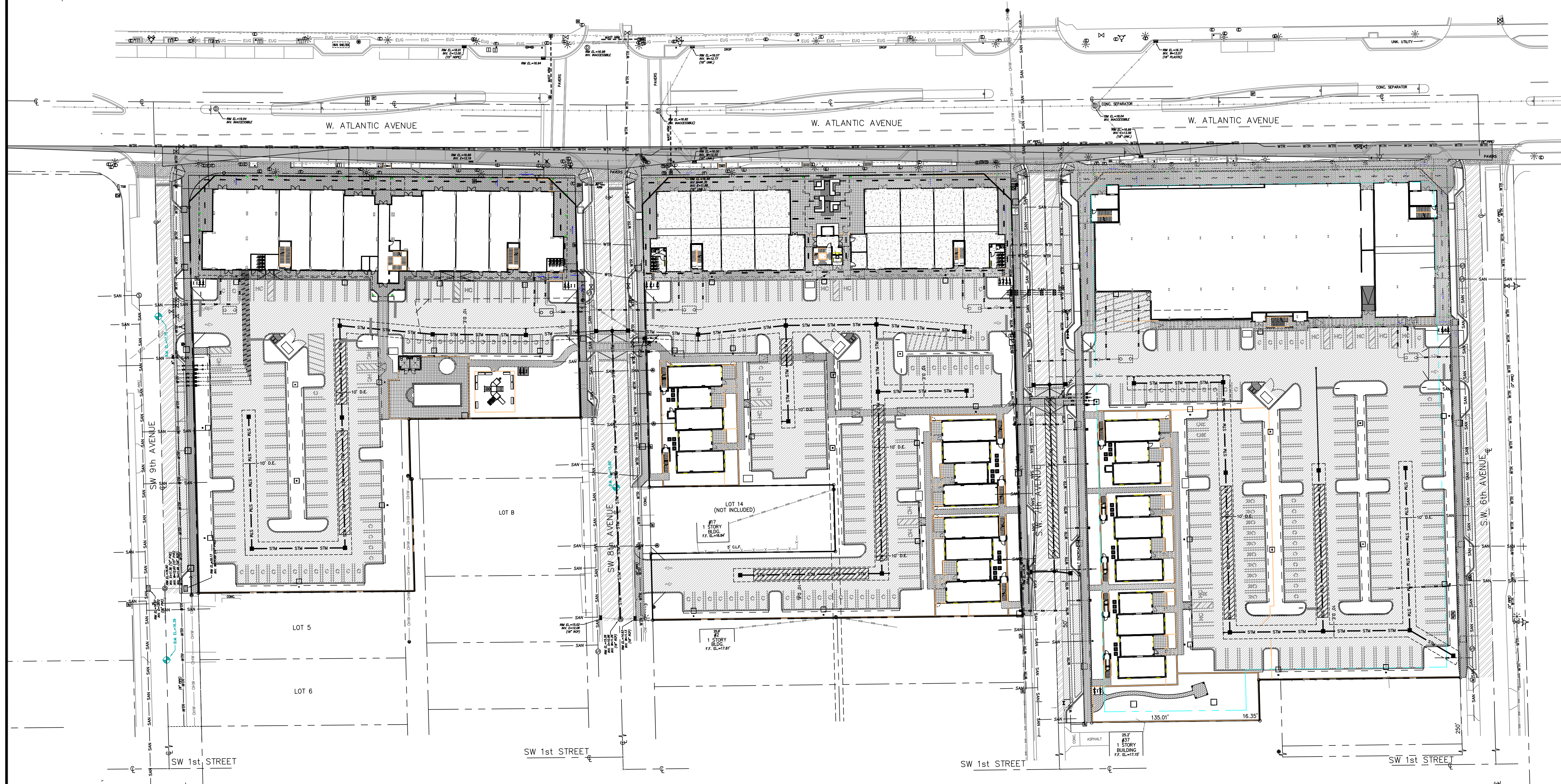
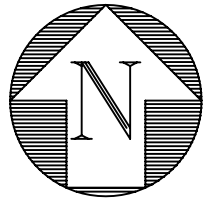


LEGEND:

- | | | | |
|---|------------------------------------|---|------------------------------|
|  | PROPERTY LINE | | |
|  | PROPOSED STORM LINE |  | EXISTING STORM LINE |
|  | PROPOSED SANITARY SEWER LINE |  | EXISTING SANITARY SEWER LINE |
|  | PROPOSED WATER LINE |  | EXISTING WATER LINE |
|  | PROPOSED ELECTRIC UNDERGROUND LINE |  | EXISTING OVERHEAD LINES |
|  | PROPOSED GAS LINE |  | EXISTING GAS LINES |



LOCATION MAP
N.T.S.



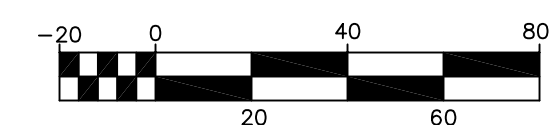
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SUNSHINE STATE ONE CALL OF FLORIDA, INC.

SCALE: 1" = 20'



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COMPOSITE UTILITY PLAN FOR:
UPTOWN ATLANTIC

UPTOWN ATLANTIC
600-800 WEST ATLANTIC AVENUE
DELRAY BEACH, FLORIDA



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Δ	12/15/15	SITE PLAN
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	12/15/15	SITE PLAN REVISIONS/PERMIT SUBMITTAL
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FL REG # 42696

BY:	
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800-BLOCK

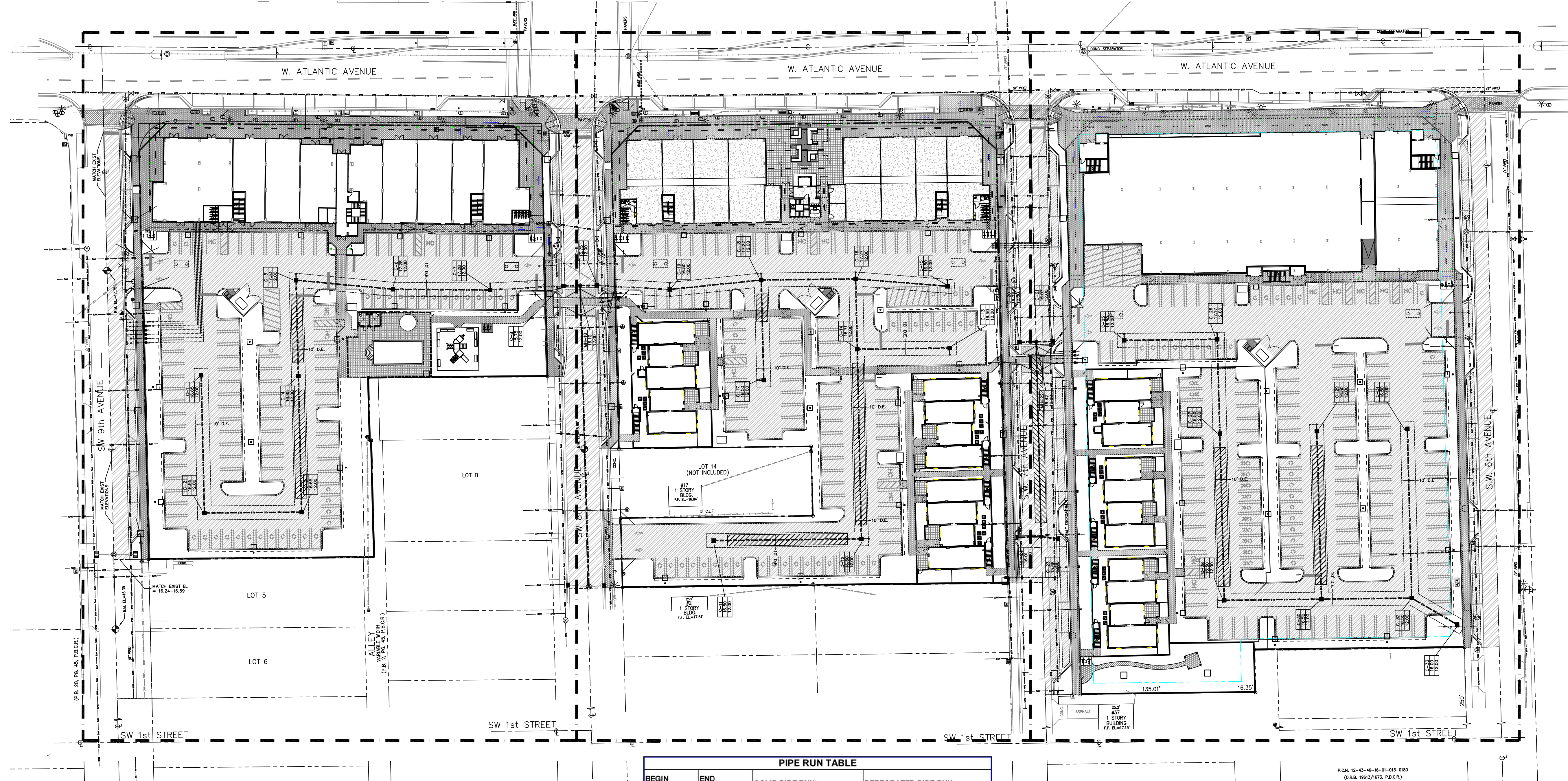
SEE SHEET 4 FOR PAVING & DRAINAGE
SEE SHEET 7 FOR WATER AND WASTEWATER

700-BLOCK

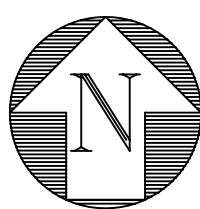
SEE SHEET 3 FOR PAVING & DRAINAGE
SEE SHEET 6 FOR WATER AND WASTEWATER

600-BLOCK

SEE SHEET 2 FOR PAVING & DRAINAGE
SEE SHEET 5 FOR WATER AND WASTEWATER



LOCATION MAP
N.T.S.



LEGEND:

- PROPERTY LINE
- DENOTES AREA OF PROPOSED ASPHALT PAVING
- DENOTES AREA OF PROPOSED ASPHALT PAVING MILL & OVERLAY
- DENOTES AREA OF PROPOSED BRICK PAVERS
- DENOTES FDOT CLEAR SIGHT TRIANGLES
- PROPOSED CATCH BASIN
- DENOTES 18" PERF HPDE PIPE IN 8' WIDE X 4' DEEP ROCK TRENCH (BOTTOM EL= 10.50)
- PROPOSED WATER METER
- EXISTING MANHOLE
- C.O. SANITARY SEWER CLEANOUT
- SINGLE SANITARY SERVICE WITH CLEANOUT

PIPE RUN TABLE			
BEGIN STRUCTURE	END STRUCTURE	SOLID PIPE RUN	PERFORATED PIPE RUN
WEST BASIN - 800 BLOCK			
C-1	C-2	99 LF - 18" HPDE @ 0.0%	
C-2	C-6	70 LF - 18" HPDE @ 0.0%	
C-3	C-4	20 LF - 18" HPDE @ 0.0%	78 LF - 18" PERF HPDE @ 0.0%
C-4	C-5	20 LF - 18" HPDE @ 0.0%	49 LF - 18" PERF HPDE @ 0.0%
C-5	C-6	70 LF - 18" HPDE @ 0.0%	
C-6	C-7	70 LF - 18" HPDE @ 0.0%	
C-7	C-8	53 LF - 6" SCH 40 PVC @ 1.0%	
SW 8TH AVENUE			
C-8	MH-10	12 LF - 18" HPDE @ 0.0%	
C-9	MH-10	12 LF - 18" HPDE @ 0.0%	
MH-10	EXIST MH	217 LF - 18" HPDE @ 0.0%	
MIDDLE BASIN - 700 BLOCK			
C-11	C-12	106 LF - 18" HPDE @ 0.0%	
C-12	C-14	20 LF - 18" HPDE @ 0.0%	117 LF - 18" PERF HPDE @ 0.0%
C-13	C-14	67 LF - 18" HPDE @ 0.0%	
C-14	C-16	51 LF - 18" HPDE @ 0.0%	
C-15	C-16	66 LF - 18" HPDE @ 0.0%	
C-16	C-18	68 LF - 18" HPDE @ 0.0%	
C-17	C-18	52 LF - 18" HPDE @ 0.0%	20 LF - 18" PERF HPDE @ 0.0%
C-18	C-9	53 LF - 6" SCH 40 PVC @ 1.0%	
SW 7TH AVENUE			
C-20	MH-22	12 LF - 18" HPDE @ 0.0%	
C-21	MH-22	12 LF - 18" HPDE @ 0.0%	
MH-22	MH-24	20 LF - 18" HPDE @ 0.0%	120 LF - 18" PERF HPDE @ 0.0%
C-23	MH-24	12 LF - 6" SCH 40 PVC @ 1.0%	
MH-24	EXIST C	18 LF - 6" SCH 40 PVC @ 1.0%	
EAST BASIN - 600 BLOCK			
C-25	C-26	67 LF - 18" HPDE @ 0.0%	
C-26	C-27	68 LF - 18" HPDE @ 0.0%	
C-27	C-28	20 LF - 18" HPDE @ 0.0%	100 LF - 18" PERF HPDE @ 0.0%
C-28	C-30	70 LF - 18" HPDE @ 0.0%	
C-29	C-30	20 LF - 18" HPDE @ 0.0%	100 LF - 18" PERF HPDE @ 0.0%
C-30	C-32	65 LF - 18" HPDE @ 0.0%	
C-31	C-32	120 LF - 18" HPDE @ 0.0%	
C-32	C-33	38 LF - 18" HPDE @ 0.0%	

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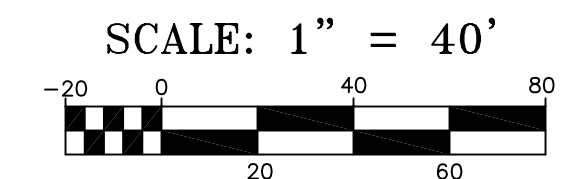
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CIVIL SITE IMPROVEMENTS KEY MAP FOR:
UPTOWN ATLANTIC
600-800 WEST ATLANTIC AVENUE
DELRAY BEACH, FLORIDA

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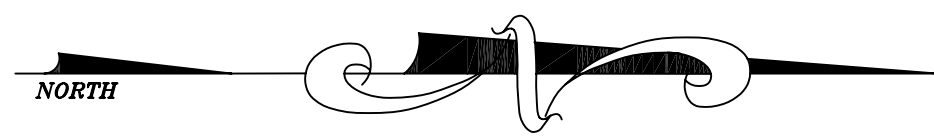
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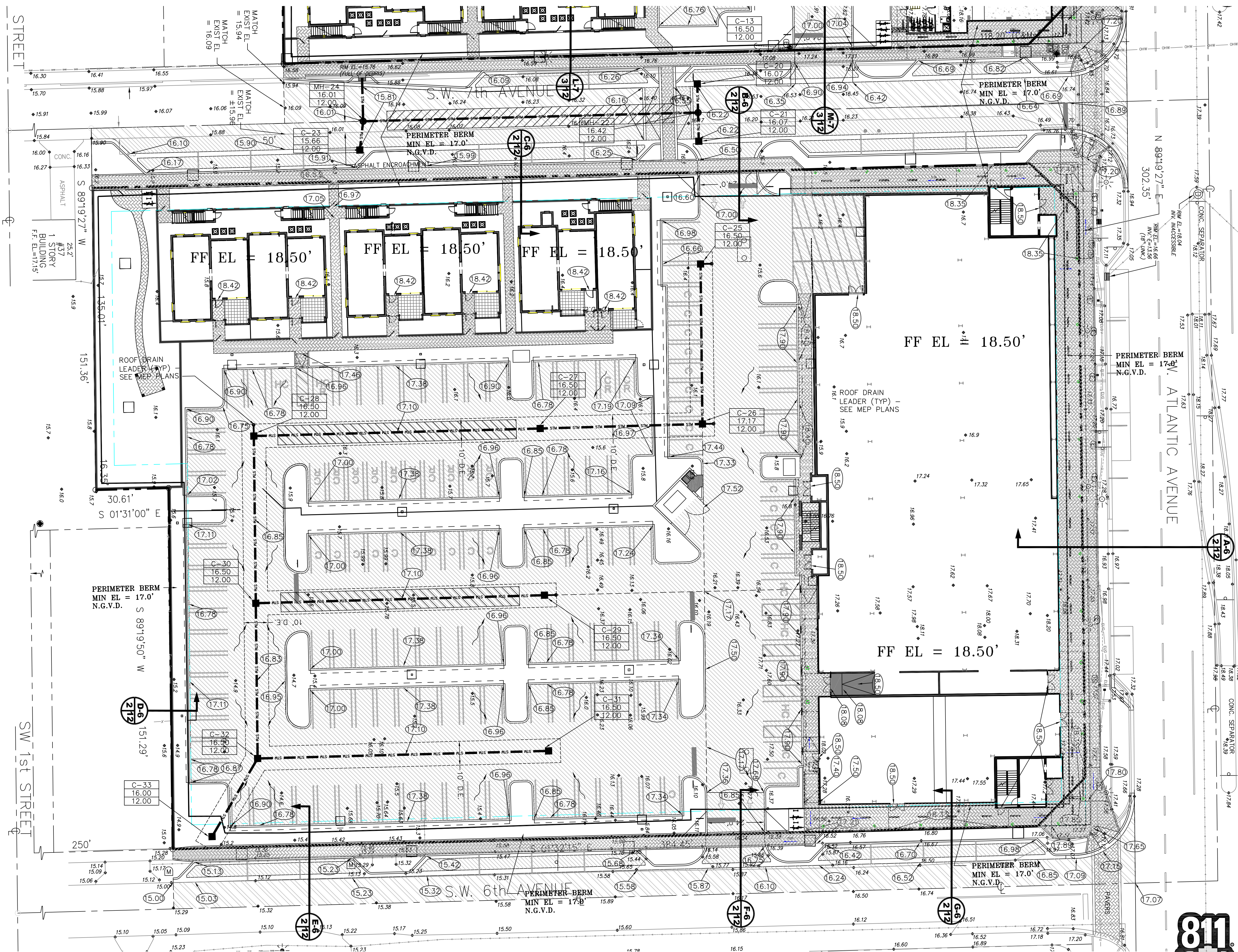
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2	12/15/15	SITE PLAN REVISIONS/PERMIT SUBMITTAL	
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BAB			
BAB			

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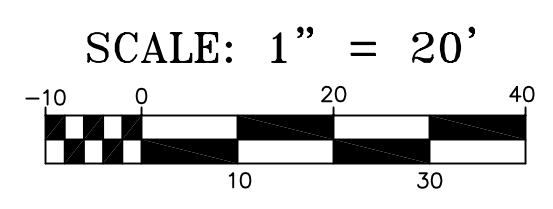


LEGEND:

- PROPERTY LINE
- (A 11) SECTION IDENTIFIER
PLAN PAGE DETAIL PAGE
- (16.5) PROPOSED ELEVATION
- ~ DIRECTION OF FLOW
- +4.7 EXISTING ELEVATION
- PROPOSED CATCH BASIN
- DENOTES 18" PERF HDPE PIPE IN 8" WIDE X 4' DEEP ROCK TRENCH (BOTTOM EL = 10.50)
- POLY-1 STRUCTURE NUMBER
6.00 RIM ELEVATION
3.50 INVERT ELEVATION
- /// DENOTES AREA OF PROPOSED ASPHALT PAVING
- /// DENOTES AREA OF PROPOSED ASPHALT PAVING MILL & OVERLAY
- /// DENOTES AREA OF PROPOSED BRICK PAVERS
- DENOTES FDOT CLEAR SIGHT TRIANGLES

NOTE: CONTRACTOR TO FIELD VERIFY EXACT LOCATION, SIZE, AND DEPTH OF ALL EXISTING UTILITIES AT TIME OF CONSTRUCTION AND REPORT ANY DISCREPANCIES TO ENVIRODESIGN ASSOCIATES, INC.

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PAVING & DRAINAGE PLAN FOR:
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600 WEST ATLANTIC AVENUE
DELRAY BEACH, FLORIDA

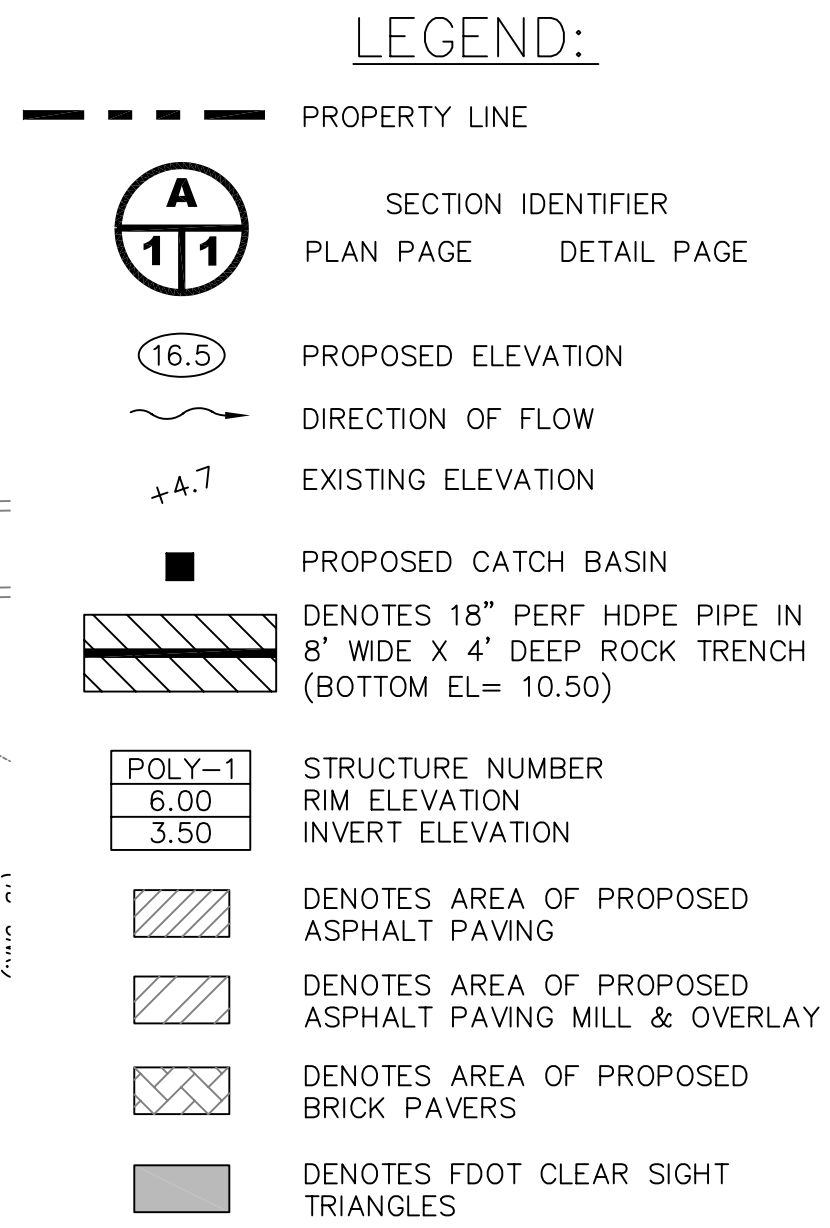
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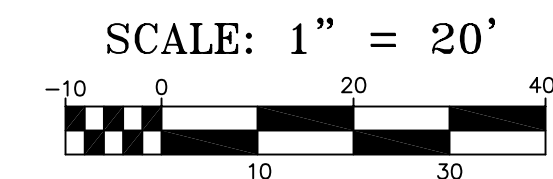


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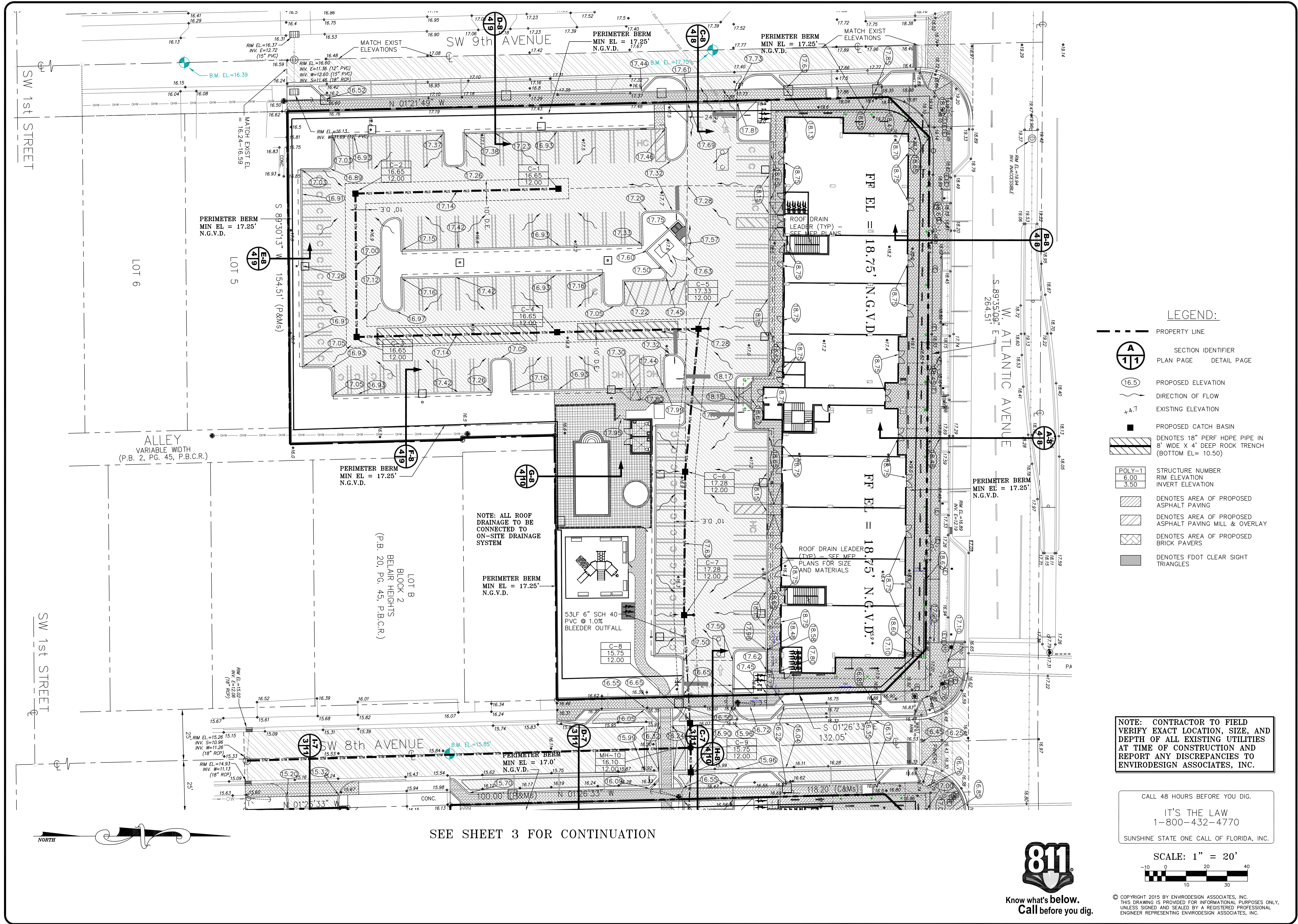
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- LEGEND:**
- PROPERTY LINE
 - SECTION IDENTIFIER
PLAN PAGE DETAIL PAGE
 - PROPOSED ELEVATION
 - DIRECTION OF FLOW
 - EXISTING ELEVATION
 - PROPOSED CATCH BASIN
 - DENOTES 18" PERF HDPE PIPE IN 8' WIDE X 4' DEEP ROCK TRENCH (BOTTOM EL= 10.50)
 - POLY-1
RIM ELEVATION
INVERT ELEVATION
 - DENOTES AREA OF PROPOSED ASPHALT PAVING
 - DENOTES AREA OF PROPOSED ASPHALT PAVING MILL & OVERLAY
 - DENOTES AREA OF PROPOSED BRICK PAVERS
 - DENOTES FDOT CLEAR SIGHT TRIANGLES

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SCALE: 1" = 20'
0 20 40
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PAVING & DRAINAGE PLAN FOR:
UPTOWN ATLANTIC
800 WEST ATLANTIC AVENUE
DELRAY BEACH, FLORIDA

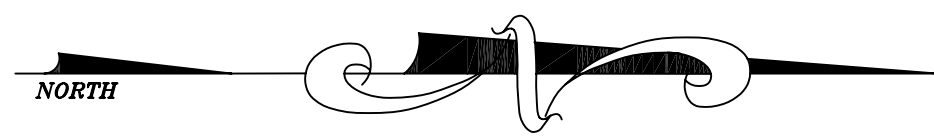
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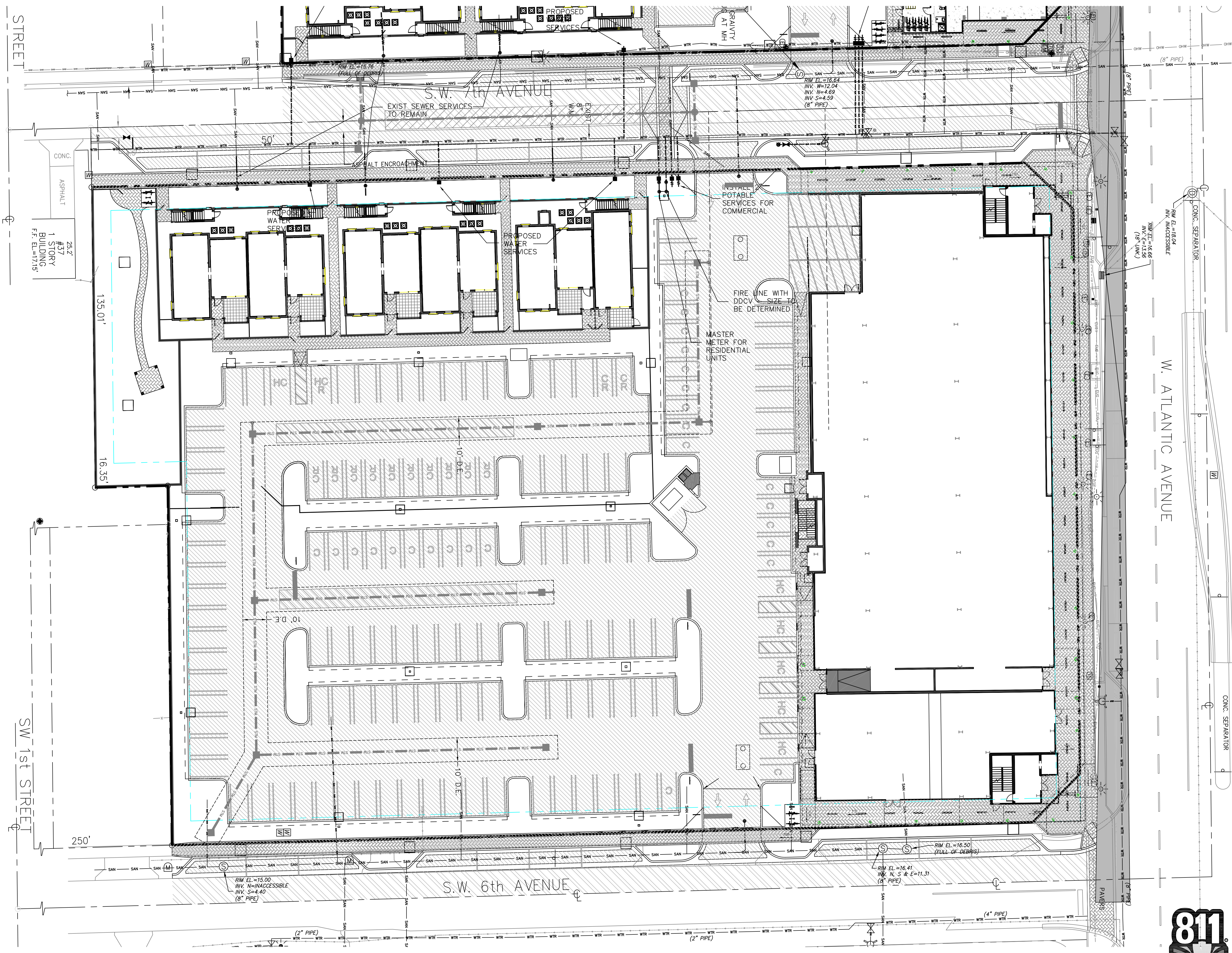
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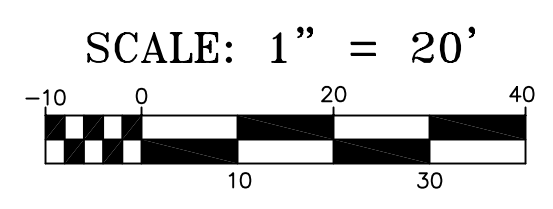
SEE SHEET 6 FOR CONTINUATION



- LEGEND:**
- PROPERTY LINE
 - PROPOSED WATER METER
 - EXISTING MANHOLE
 - C.O. SANITARY SEWER CLEANOUT
 - SINGLE SANITARY SERVICE WITH CLEANOUT

NOTE: CONTRACTOR TO FIELD VERIFY EXACT LOCATION, SIZE, AND DEPTH OF ALL EXISTING UTILITIES AT TIME OF CONSTRUCTION AND REPORT ANY DISCREPANCIES TO ENVIRODESIGN ASSOCIATES, INC.

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WATER & WASTEWATER PLAN FOR:
UPTOWN ATLANTIC
600 WEST ATLANTIC AVENUE
DELRAY BEACH, FLORIDA

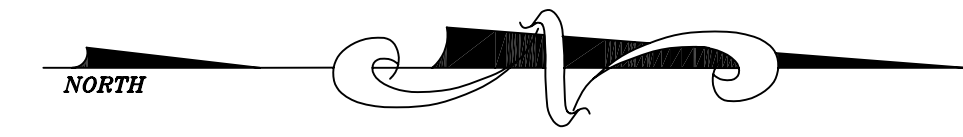
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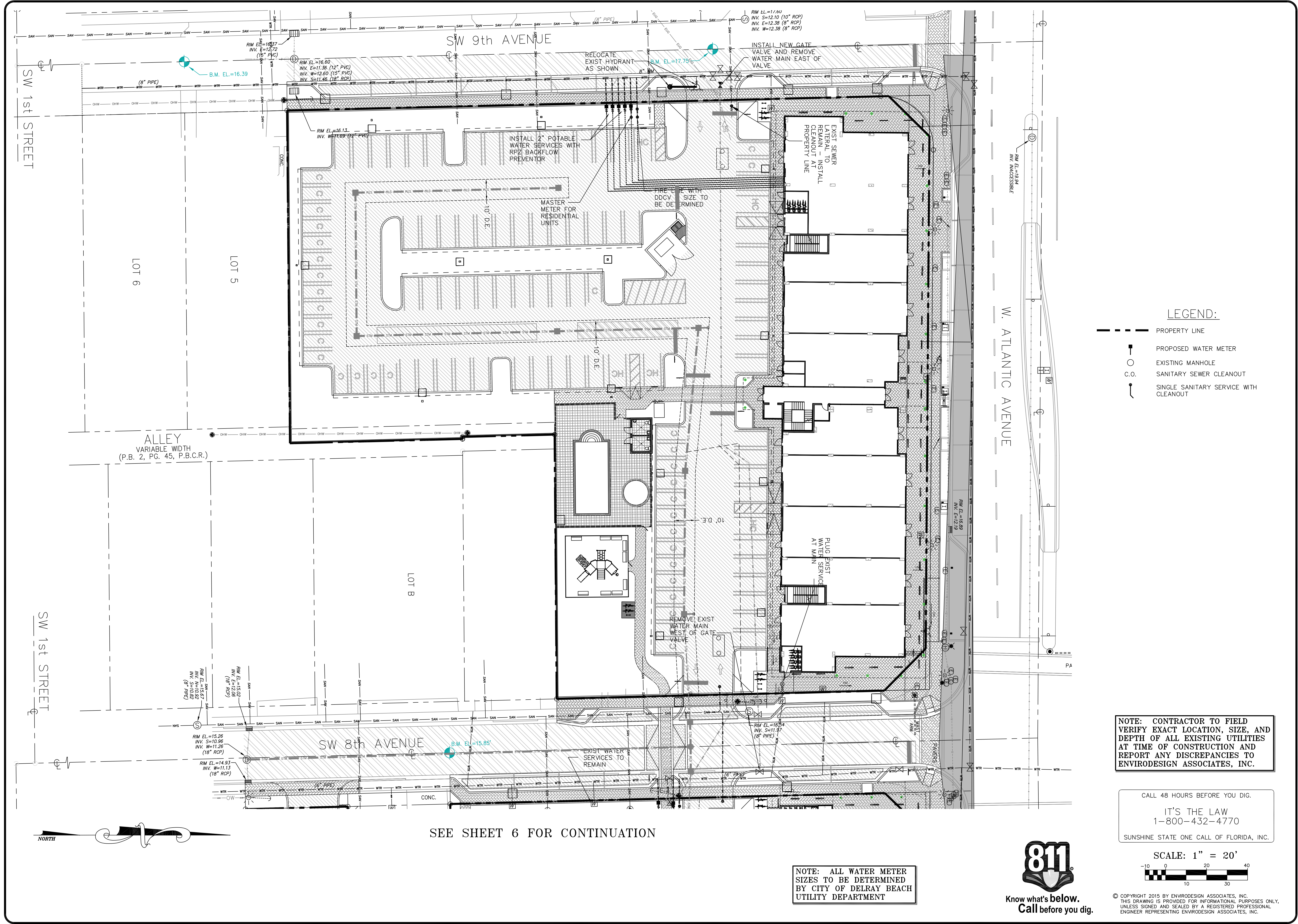


	PROPERTY LINE
	PROPOSED WATER METER
	EXISTING MANHOLE
C.O.	SANITARY SEWER CLEANOUT
	SINGLE SANITARY SERVICE WITH CLEANOUT

**NOTE: CONTRACTOR TO FIELD
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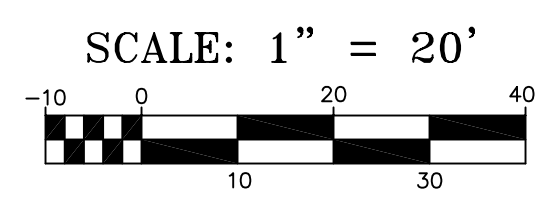
6 OF 17



- LEGEND:
- PROPERTY LINE
 - ⊕ PROPOSED WATER METER
 - EXISTING MANHOLE
 - C.O. SANITARY SEWER CLEANOUT
 - SINGLE SANITARY SERVICE WITH CLEANOUT

NOTE: CONTRACTOR TO FIELD VERIFY EXACT LOCATION, SIZE, AND DEPTH OF ALL EXISTING UTILITIES AT TIME OF CONSTRUCTION AND REPORT ANY DISCREPANCIES TO ENVIRODESIGN ASSOCIATES, INC.

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NOTE: ALL WATER METER SIZES TO BE DETERMINED BY CITY OF DELRAY BEACH UTILITY DEPARTMENT



WATER & WASTEWATER PLAN FOR:
UPTOWN ATLANTIC
800 WEST ATLANTIC AVENUE
DELRAY BEACH, FLORIDA

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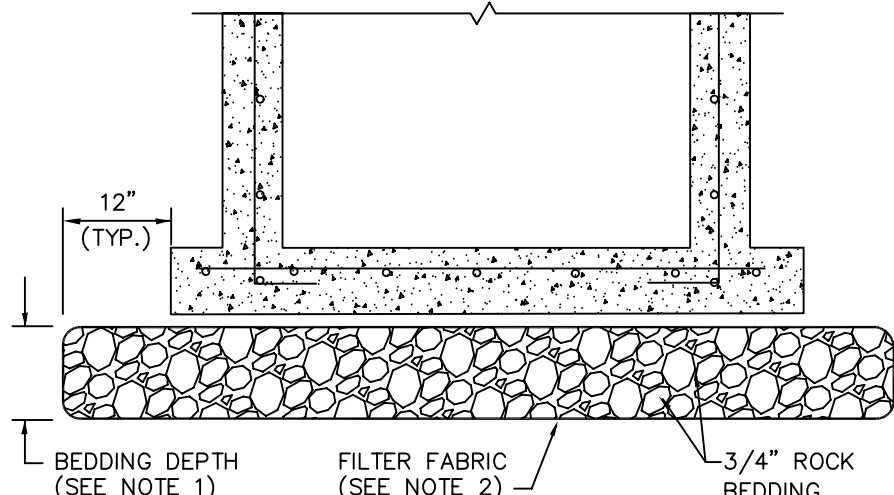
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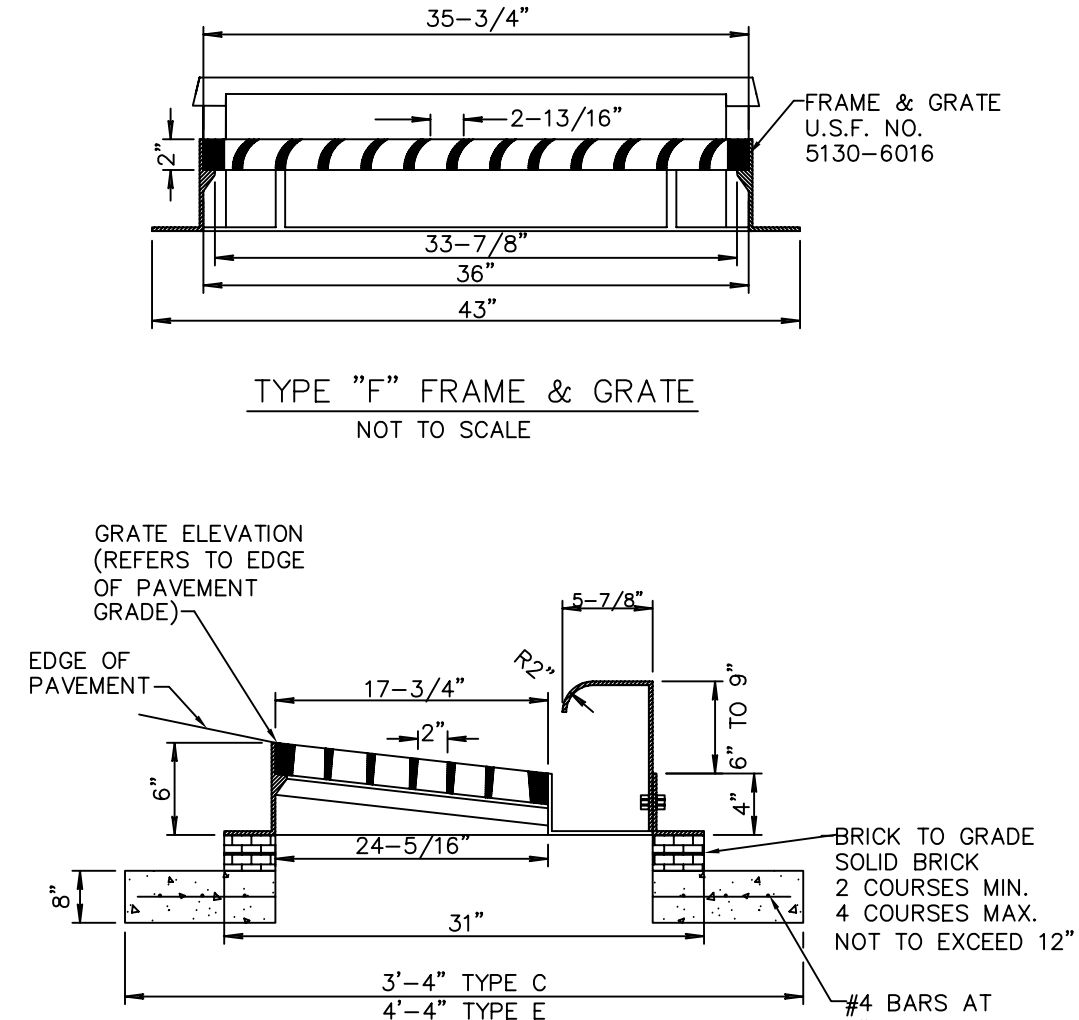
SHEET NO.
7 OF 17



NOTES:

1. BEDDING DEPTH SHALL BE 10" UNDER DRAINAGE STRUCTURES AND 18" UNDER SANITARY STRUCTURES.
2. ROCK SHALL BE WRAPPED IN FILTER FABRIC THAT MEETS THE REQUIREMENTS OF F.D.O.T. SPECIFICATION SECTION 985.

STANDARD BEDDING D 3.1

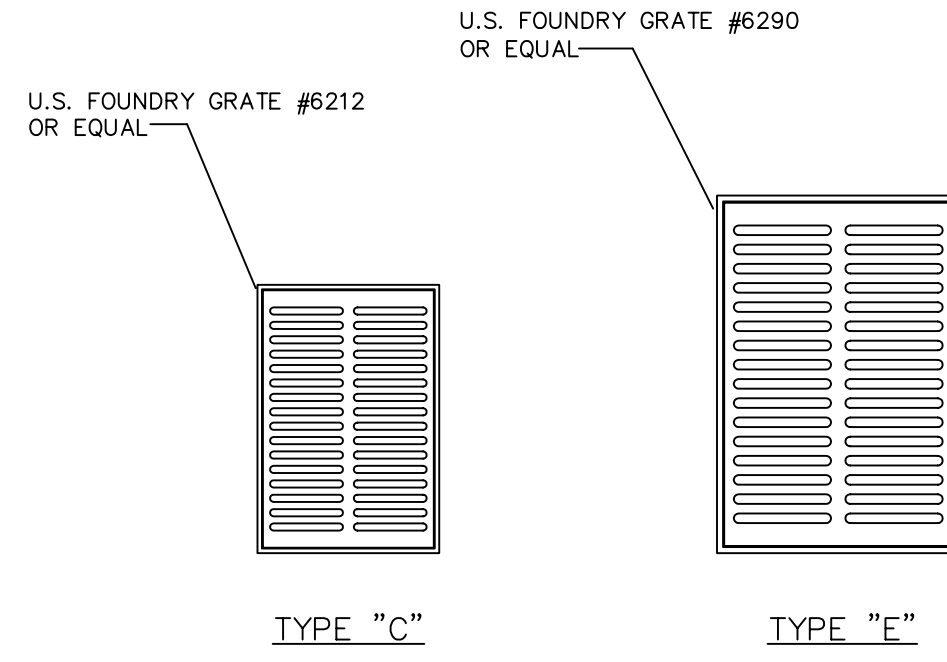


TYPE "F" FRAME & GRATE PROFILE
NOT TO SCALE

1. U.S.F. NO. 6016 GRATE MAY BE INSTALLED WITH VANE SLOTS FOR LEFT OR RIGHT FLOW.

TYPE C & E INLET
"F" TYPE CURB FRAME & GRATE DETAIL D 4.2

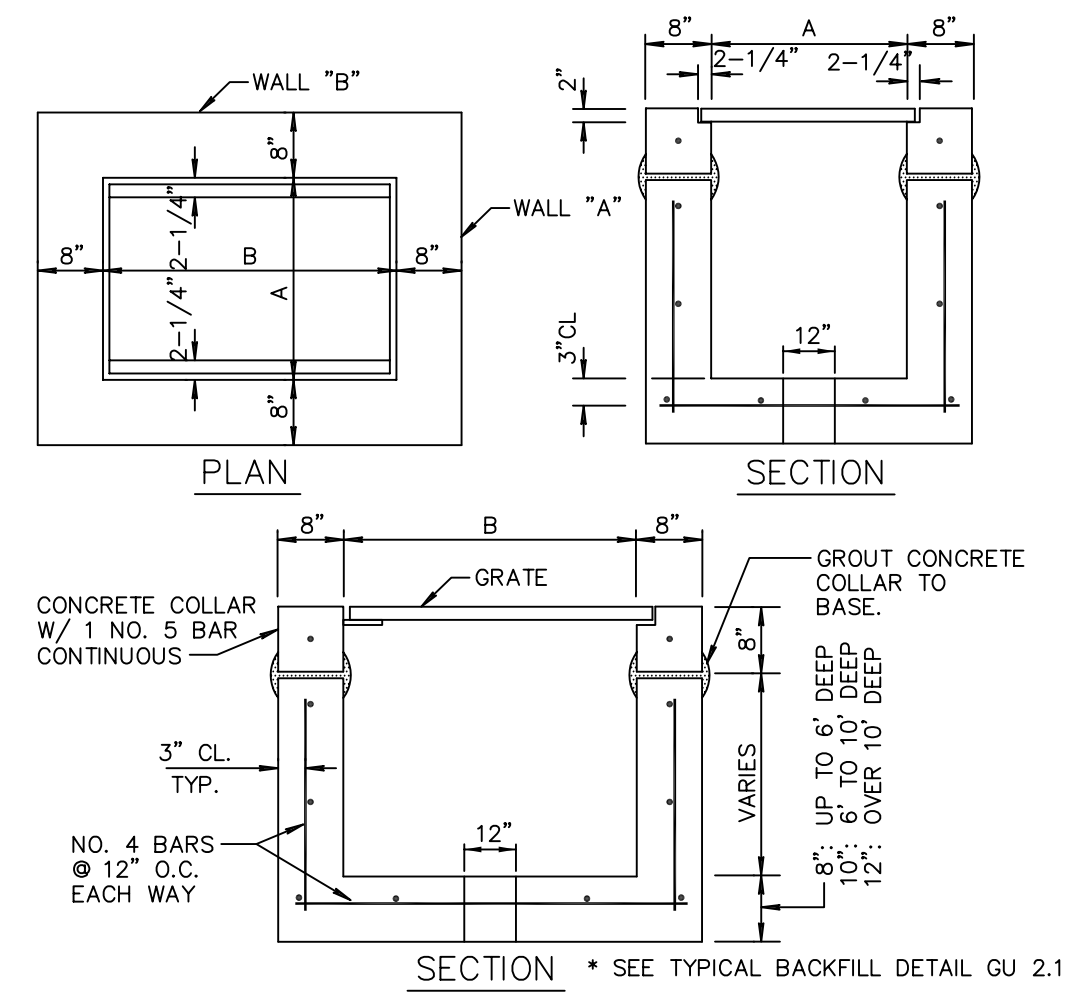
INLET TYPE	DIMENSIONS		GRATE TYPE	MAX. PIPE SIZE	
	A	B		WALL A	WALL B
"C"	2'-0"	3'-1"	U.S. FOUNDRY No. 6212	15" R.C.P.	24" R.C.P.
"E"	3'-0"	4'-5"	U.S. FOUNDRY No. 6290	24" R.C.P.	36" R.C.P.



NOTES:

1. ALL GRATES SHALL BE SUITABLE FOR H-20 LOADING (HIGHWAY TRAFFIC LOADS)
2. WHEN INSTALLED IN PAVEMENT OR WITHIN 6' OF PAVEMENT USE U.S.F. 4160-6210

TYPE C & E INLET GRATE DETAIL D 6.1

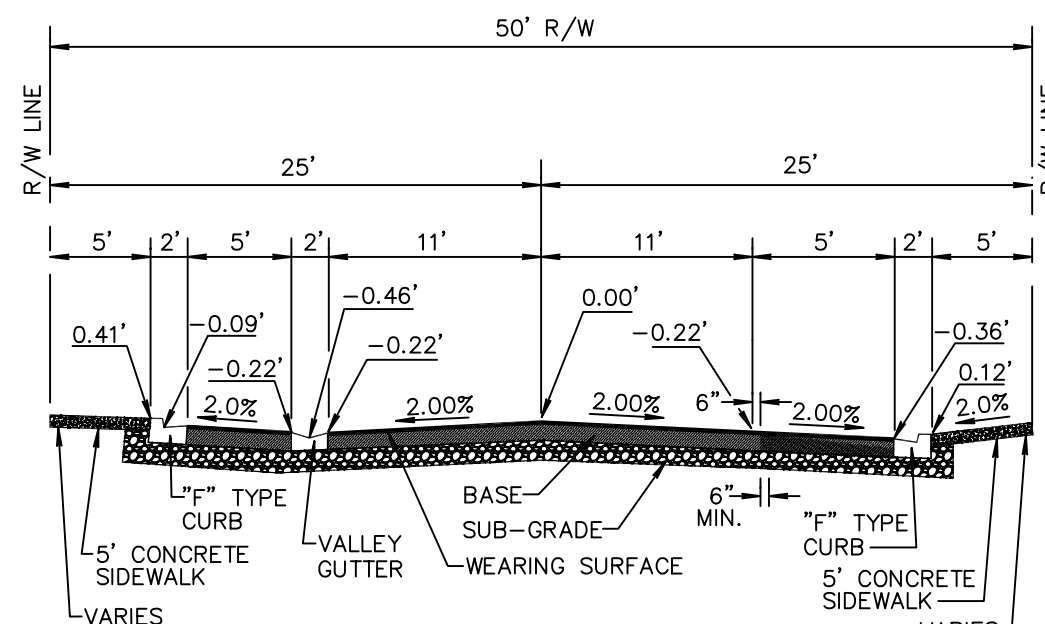


INLET TYPE	DIMENSIONS		GRATE TYPE	MAX. PIPE SIZE	
	A	B		WALL A	WALL B
"C"	2'0"	3'1"	U.S. FOUNDRY No. 6212	15" R.C.P.	24" R.C.P.
"E"	3'0"	4'6"	U.S. FOUNDRY No. 6290	24" R.C.P.	36" R.C.P.

NOTES:

1. INLET TO BE PRECAST WITH CLASS 'A' 4000 P.S.I. CONCRETE.
2. ALL EXPOSED CORNERS AND EDGES TO BE CHAMFERED 3/4".
3. 12" DIA. WEEP HOLE REQUIRED ON ALL STRUCTURES WHICH HAVE A BOTTOM ELEVATION ABOVE THE WATER TABLE.
4. 18" SLUMP REQUIRED IN ALL DRAINAGE STRUCTURES.
5. SEE BEDDING DETAIL

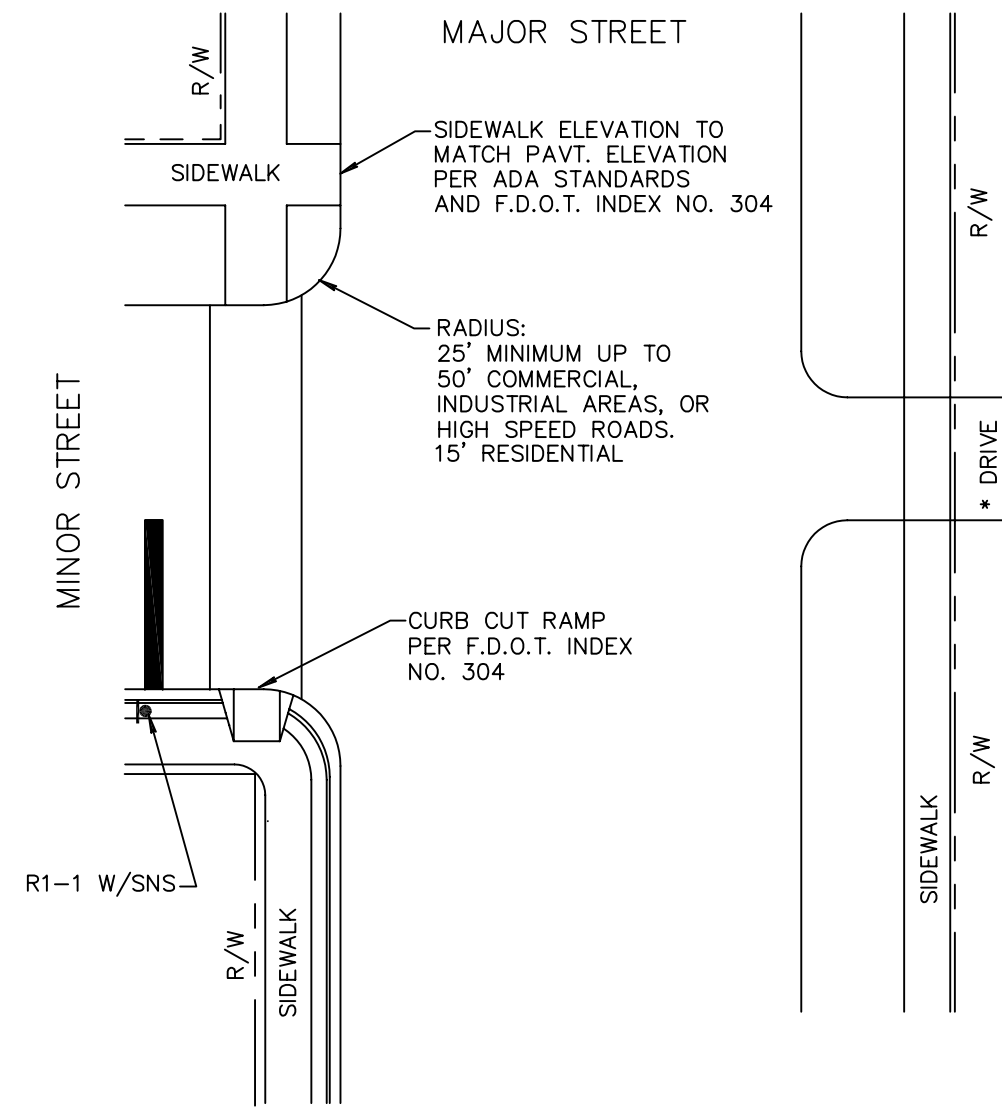
TYPE C & E INLET DETAIL D 7.1



PAVEMENT SPECIFICATIONS	
WEARING SURFACE	1 1/2" TYPE S-III (2 LIFTS) OR 1-1/2" TYPE S-1
BASE	8" LIMEROCK OR 10" CRUSHED CONCRETE COMPACTED TO 98% MAX. DENSITY PER AASHTO T-180. PRIME & TACK COAT PER FOOT SECTION 300.
SUBGRADE	12" STABILIZED (75 P.S.I. FBV) AND COMPACTED TO 98% MAX. DENSITY PER AASHTO T-180.

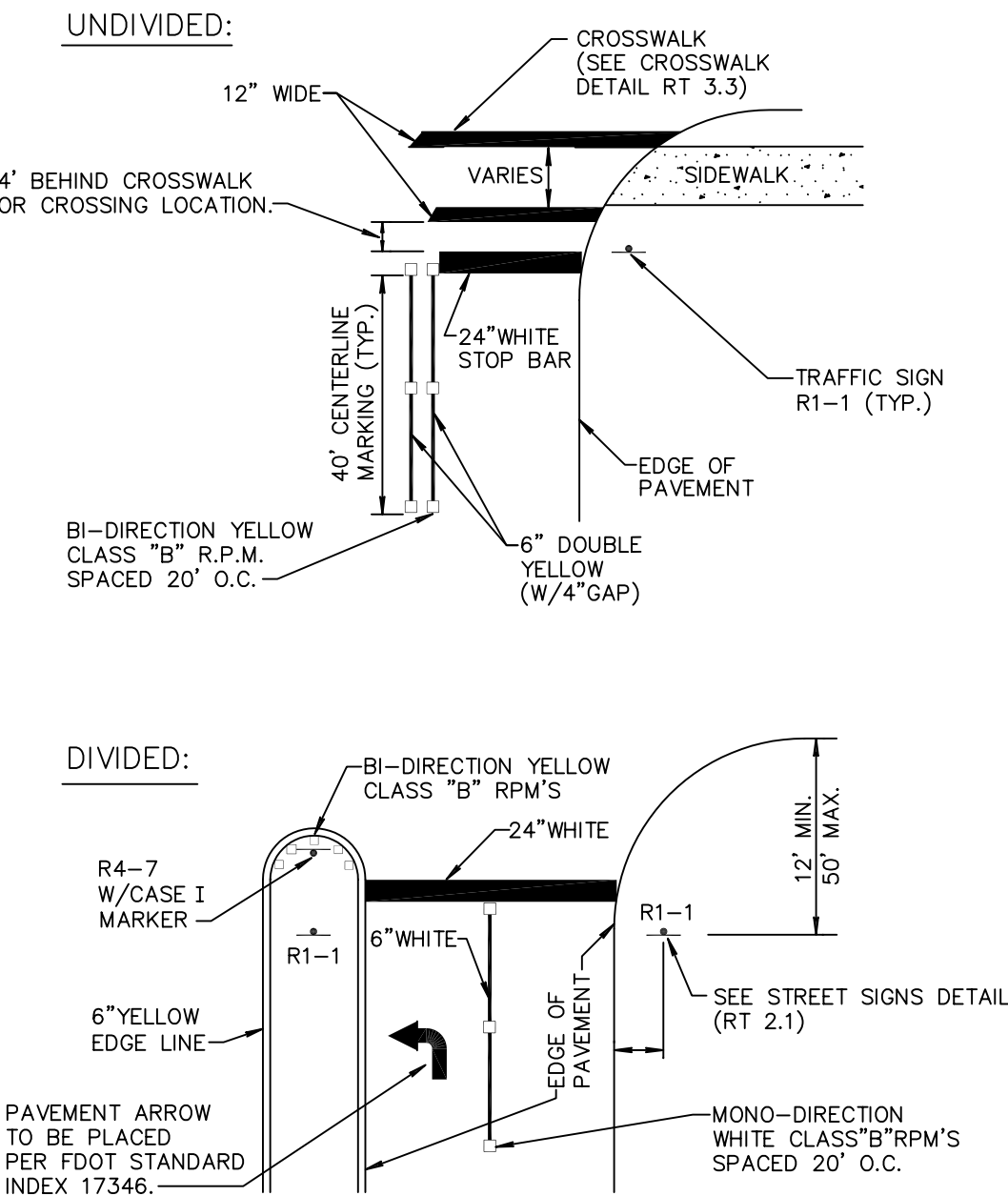
VARIAION FROM MATERIAL SPECIFICATIONS WILL BE CONSIDERED ON A CASE BY CASE BASIS BY THE CITY ENGINEER.

TYPICAL 50' R/W W/ PARALLEL PARKING SECTION
DETAIL RT 1.3



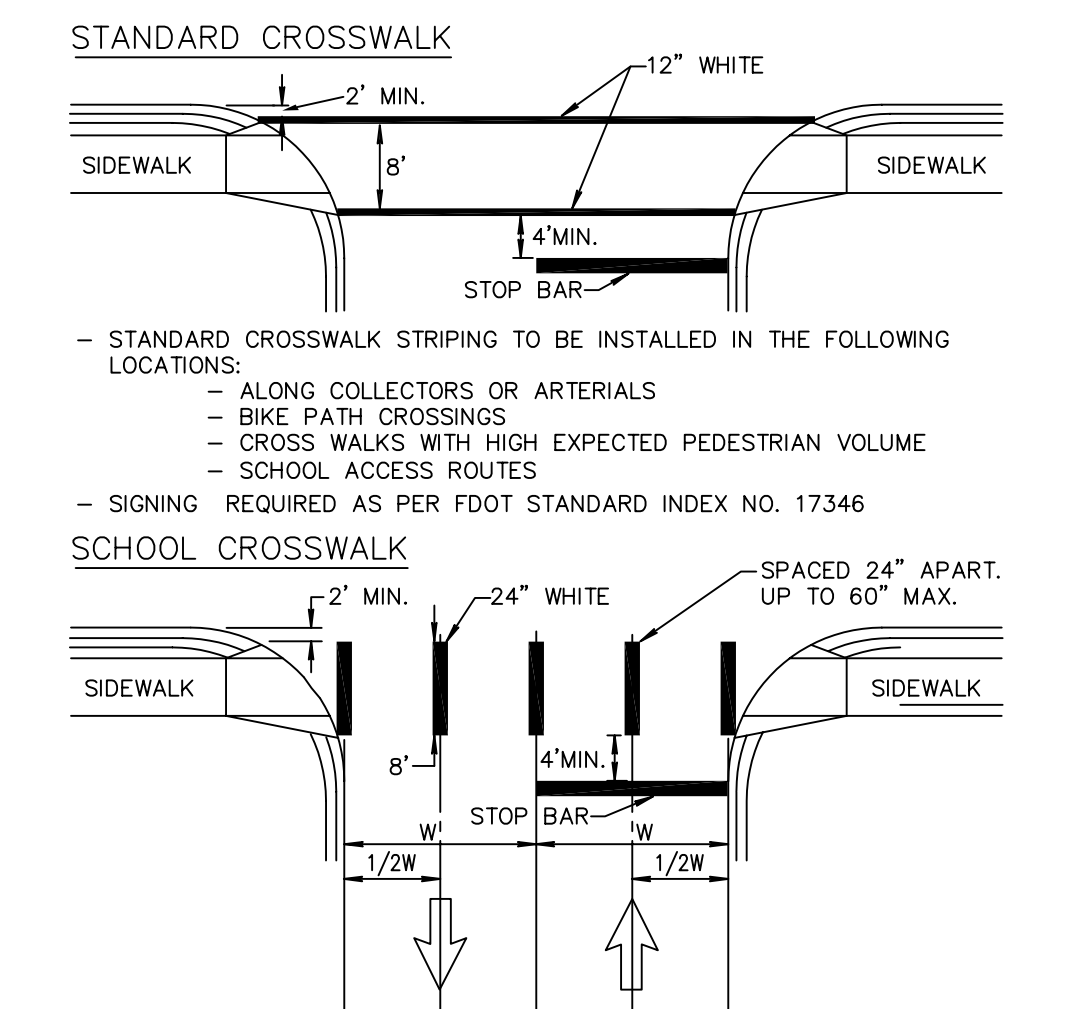
* DRIVEWAY DESIGN TO BE PER CITY LAND DEVELOPMENT REGULATIONS, FDOT STANDARD SPECIFICATIONS. ALL DESIGNS SUBJECT TO CITY ENGINEER APPROVAL.

INTERSECTION DETAIL RT 3.1



NOTE: ALL STRIPING AND DELINEATION TO CONFORM TO THE REQUIREMENTS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, (MUTCD) LATEST ED.

INTERSECTION TRAFFIC CONTROL STOP CONDITION
DETAIL RT 3.2

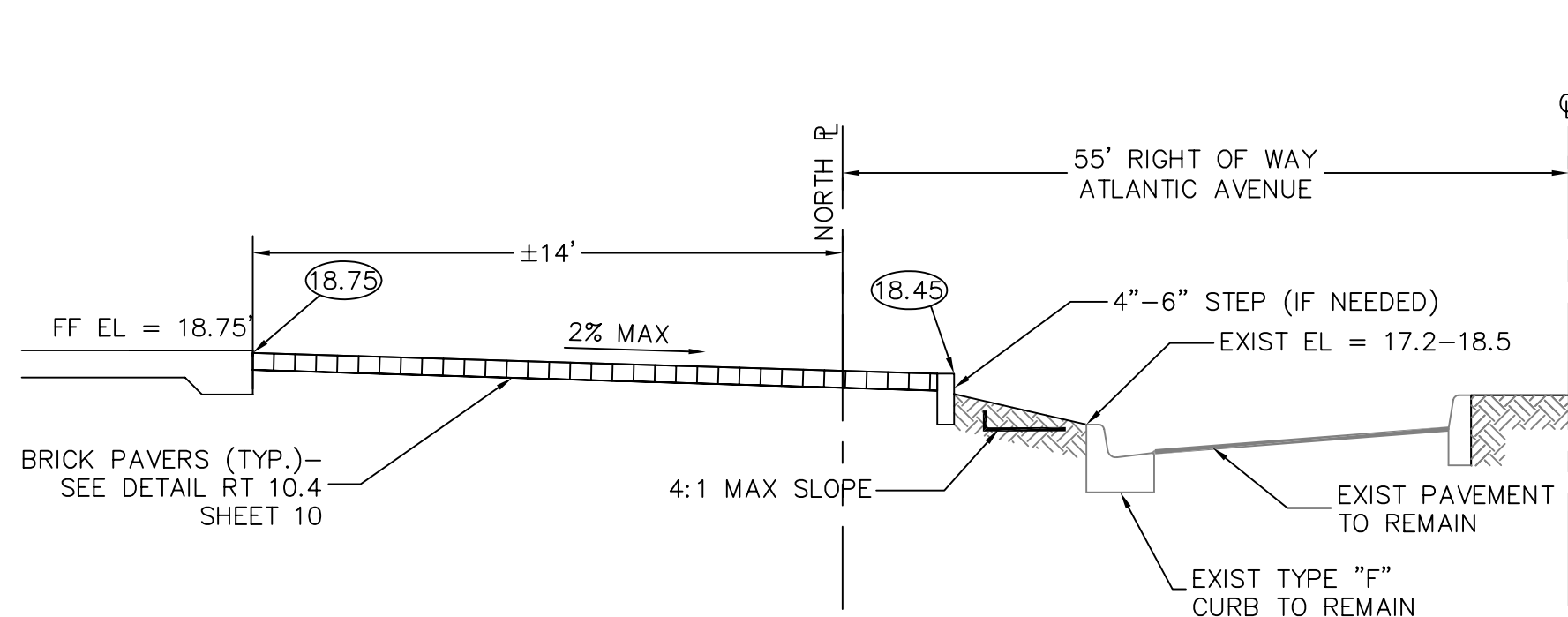


- STANDARD CROSSWALK STRIPING TO BE INSTALLED IN THE FOLLOWING LOCATIONS:
 - ALONG COLLECTORS OR ARTERIALS
 - BIKE PATH CROSSINGS
 - CROSS WALKS WITH HIGH EXPECTED PEDESTRIAN VOLUME
 - SCHOOL ACCESS ROUTES
- SIGNING REQUIRED AS PER FDOT STANDARD INDEX NO. 17346
- SCHOOL CROSSWALK STRIPING TO BE USED ONLY AT DESIGNATED SUPERVISED SCHOOL CROSSING
- SIGNS AND ADVANCED PAVEMENT MESSAGES TO BE DESIGNED AND INSTALLED PER FDOT STANDARD (INDEX NO. 17346)
- CROSSWALKS LOCATED MIDBLOCK MIN. WIDTH 10' ALL CROSSWALK MARKINGS SHALL BE WHITE.
- LONGITUDINAL LINES IN SPECIAL EMPHASIS CROSSWALK SHALL BE 24" WIDE AND SPACED TO AVOID THE WHEEL PATH OF VEHICLES AS SHOWN IN DETAIL. THE SPACE BETWEEN MARKINGS SHALL NOT EXCEED 60". A LONGITUDINAL MARKING SHALL BE CENTERED AT EACH LANE LINE. ADDITIONAL LONGITUDINAL MARKINGS SHALL BE PLACED AT THE CENTER OF EACH LANE.
- WHERE THE CROSSWALK IS SKEWED TO THE LANE LANE LINES, THE SPECIAL EMPHASIS LONGITUDINAL LINES SHOULD BE PARALLEL TO THE LANE LINE.

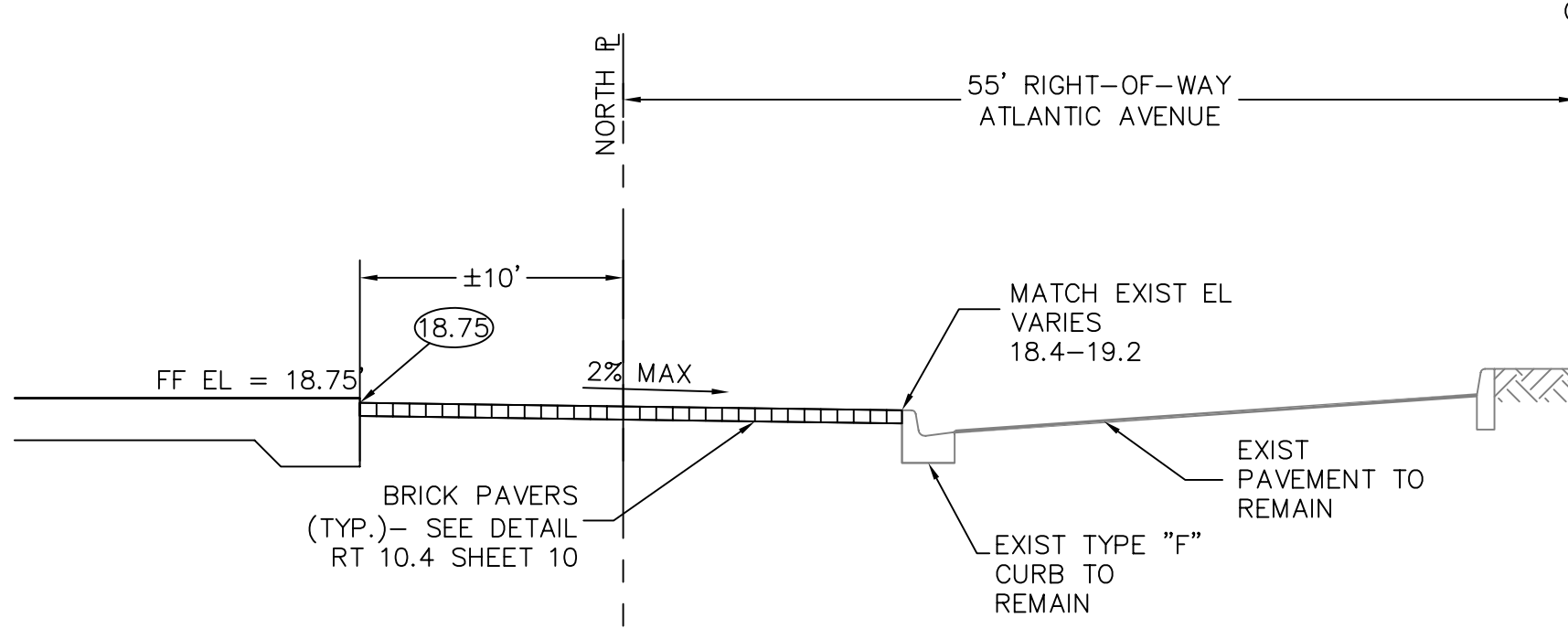
CROSSWALK DETAILS RT 3.3



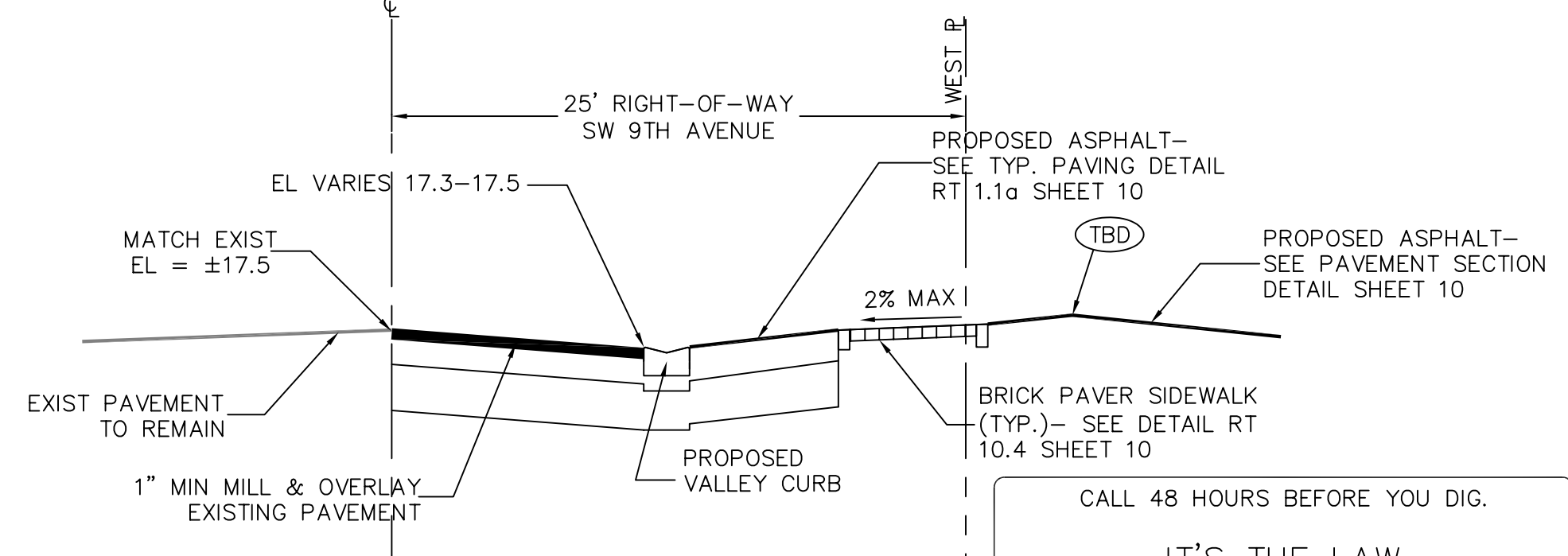
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600-800 WEST ATLANTIC AVENUE
DELRAY BEACH, FLORIDA

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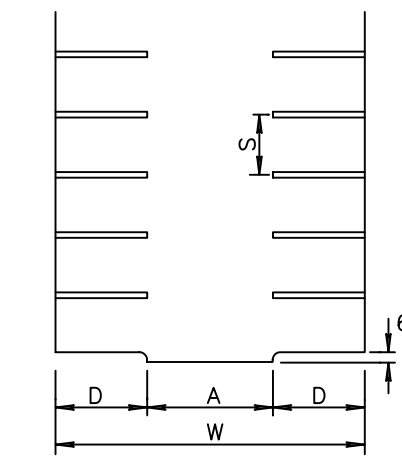
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DATE:
12/14/15

JOB NO.
14059-DTL

SHEET NO.
8 OF 17

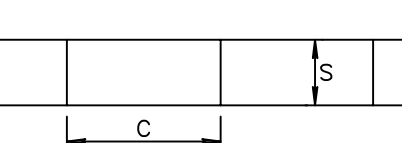
90° PARKING



A	aisle	24.0'
S	stall width	9.0' *
D	stall depth	18.0'
W	module width	60.0'

* COMPACT CAR SPACES - 8.0'
HANDICAP SPACES - 12.0'
SEE RT 4.2

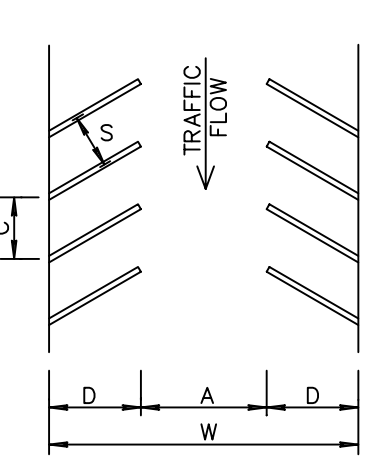
PARALLEL



C	stall length	22.0'
S	stall width	8.0'

PARKING LOTS DETAIL RT 4.1

60° AND 45° PARKING



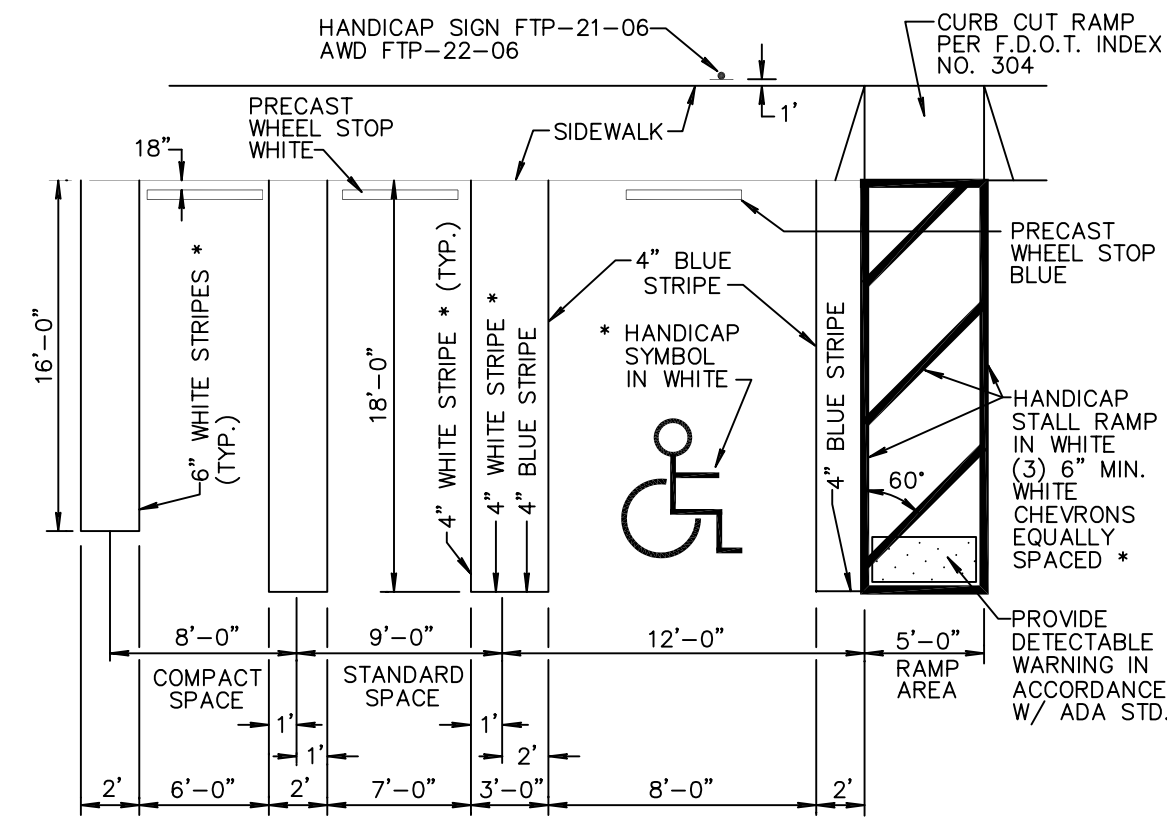
	STANDARD	60°	45°
A	aisle *	17.0'	15.0'
C	stall length	10.5'	12.5'
S	stall width	9.0'	9.0'
D	stall depth	20.0'	19.0'
W	module width	57.0'	53.0'
HANDICAP SPACES	C	14.0'	17.0'
	D	21.5'	21.0'
	S	12.0'	12.0'

* FOR TWO WAY FLOW A=24.0'

NOTE:

REFER TO TYPICAL PARKING SPACE DETAIL RT 4.2 (A TO C) FOR STRIPING INFORMATION AND HANDICAPPED PARKING DIMENSIONS.

STOP BAR BETWEEN PARKING LOT & PUBLIC R/W MUST BE THERMOPLASTIC.

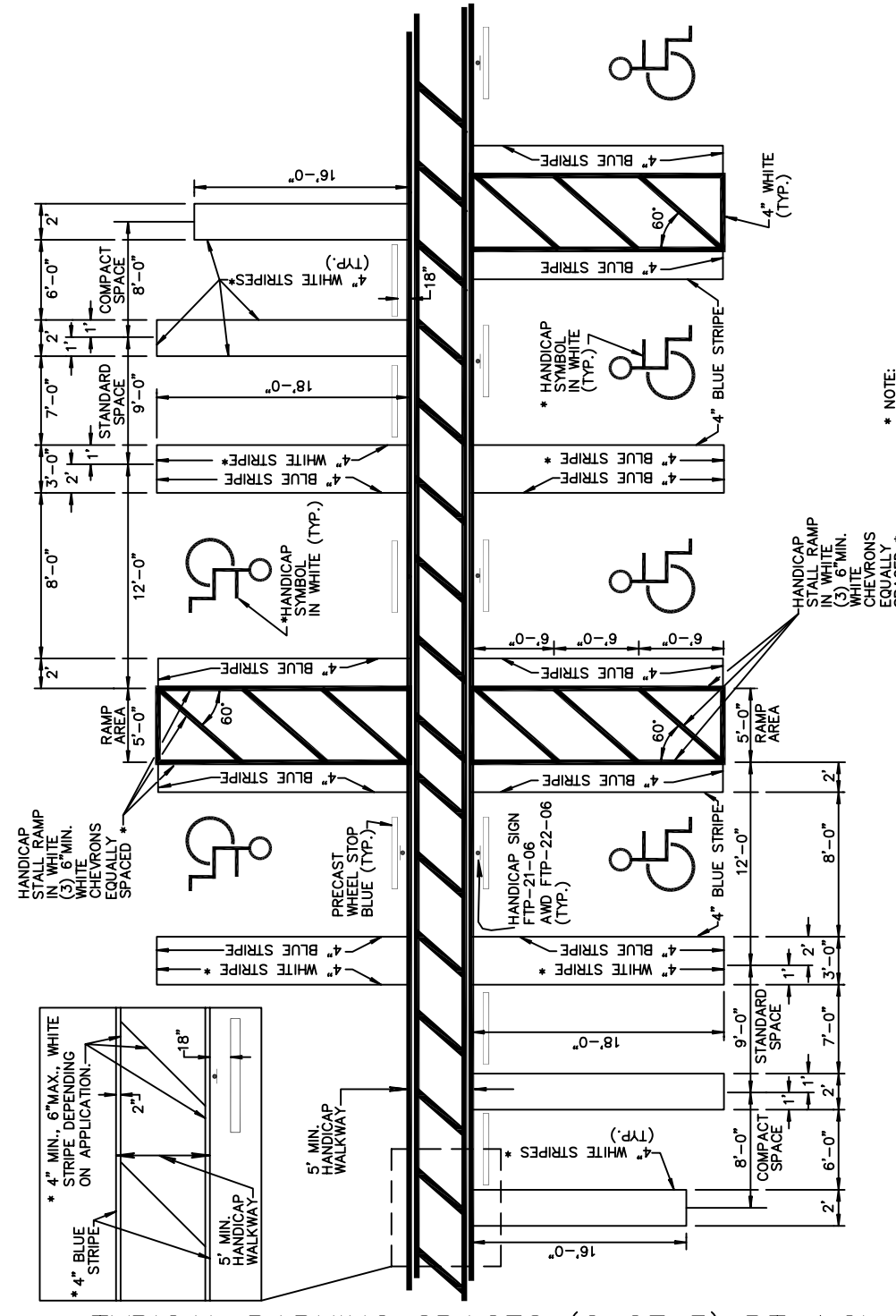


NOTES:

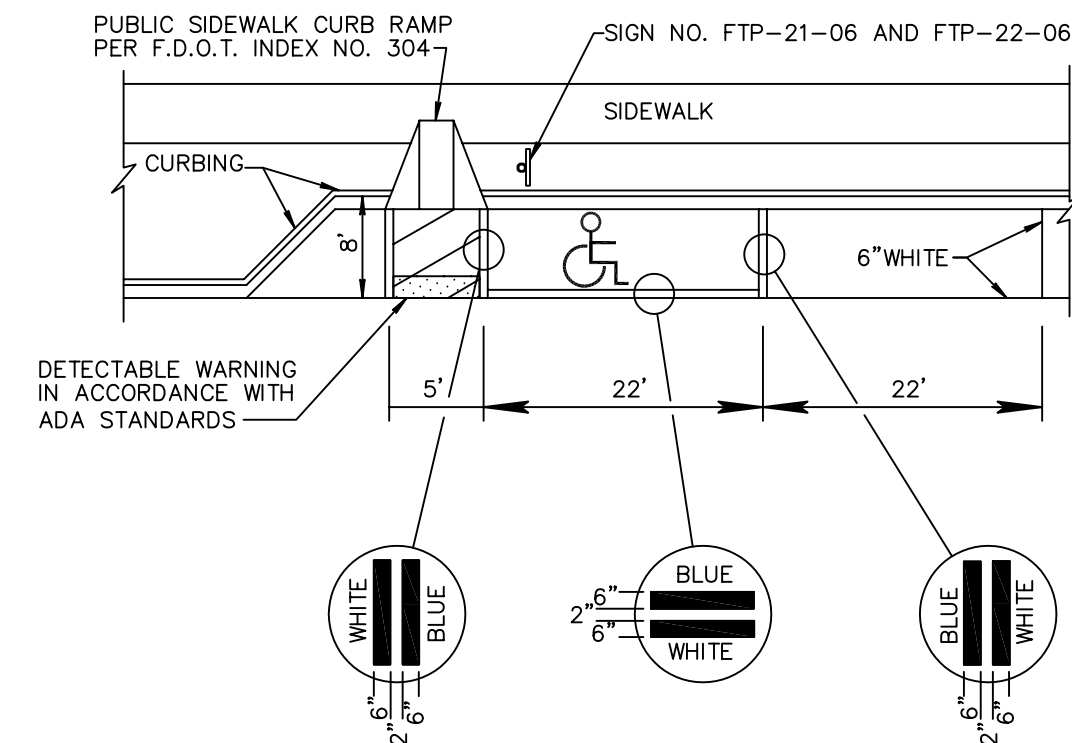
- ON LIGHT COLORED SURFACE I.E. CONCRETE ALL HANDICAP MARKINGS SHALL BE BLUE AND STANDARD PARKING STRIPING SHALL BE 3" WHITE WITH 1" BLACK BORDER.
- ALL STRIPING WITHIN PUBLIC RIGHT-OF-WAY SHALL BE 6 INCHES.
- ALL MEASUREMENTS ARE FROM CENTER LINE.
- ALL COMPACT SPACES MUST HAVE "COMPACT" STENOILED WITH BLACK PAINT ON WHEEL STOP.
- BLUE STRIPE & H/C SYMBOL AND WALKWAY ON CONCRETE
- YELLOW STRIPE ON CONCRETE
- 24" STOP BAR BETWEEN ALL PARKING LOTS AND PUBLIC R/W SHALL BE THERMOPLASTIC AND PER FDOT SPECIFICATIONS AND STOP SIGN RT-1

TYPICAL PARKING SPACES
(1 OF 3)

DETAIL RT 4.2a



TYPICAL PARKING SPACES (2 OF 3) RT 4.2b

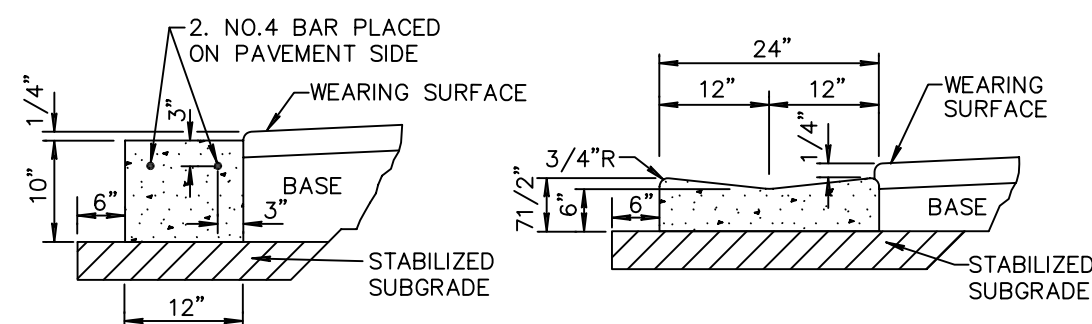


NOTE:

HANDICAPPED PARKING SPACE MUST BE FIRST OR LAST PARALLEL PARKING SPACE IN THE ROW. ADJACENT TO LANDSCAPE ISLAND. IF SPACE, IS AT THE FRONT OF PARKING ROW ACCESS PANEL MUST BE IN FRONT OF CAR AND IF SPACE IS AT THE END OF PARKING ROW ACCESS PANEL MUST BE AT THE REAR OF CAR.

TYPICAL PARKING SPACES
(3 OF 3)

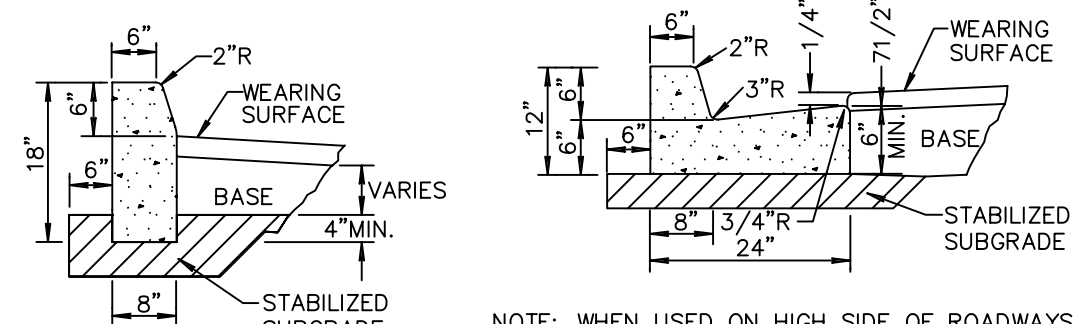
DETAIL RT 4.2c



CONCRETE
HEADER CURB
NOT TO SCALE

VALLEY GUTTER
NOT TO SCALE

NOTE: SAWCUTS REQUIRED AT 10' CENTERS.

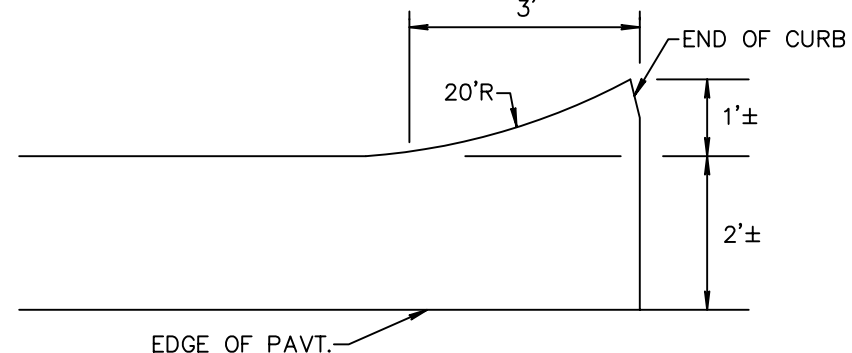


CONCRETE CURB
NOT TO SCALE

CONCRETE
CURB AND GUTTER
NOT TO SCALE

NOTES: 1. ROADWAY SUBGRADE SHALL IN ALL CASES EXTEND BELOW CURBING.
2. SAWCUTS AT 10' CENTERS SHALL BE MADE WITHIN 24 HOURS OF CONCRETE PLACEMENT.

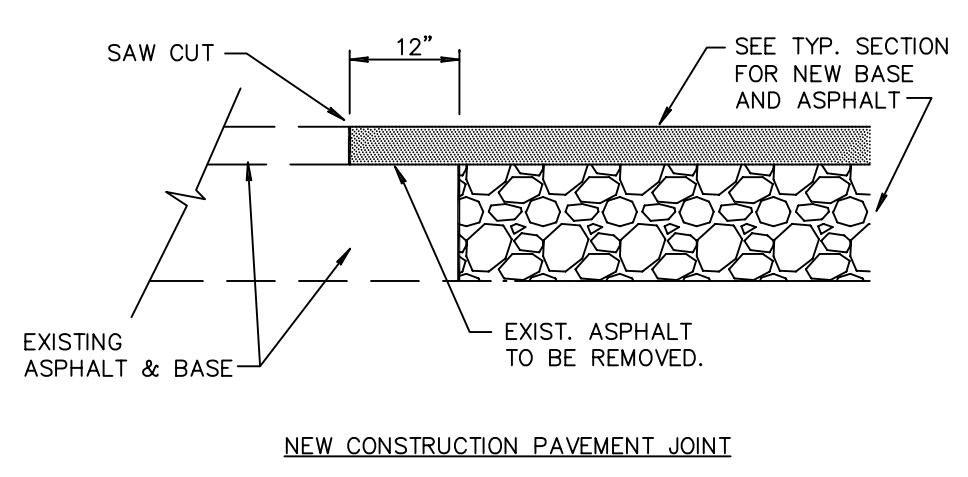
CURB AND GUTTER SECTIONS RT 6.1



PLAN

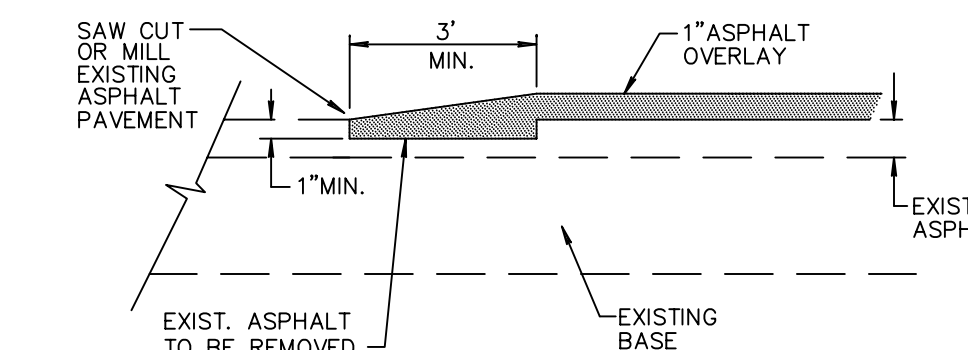
PROFILE

FLARED END FOR CURB AND GUTTER DETAIL RT 6.2



NOTE:

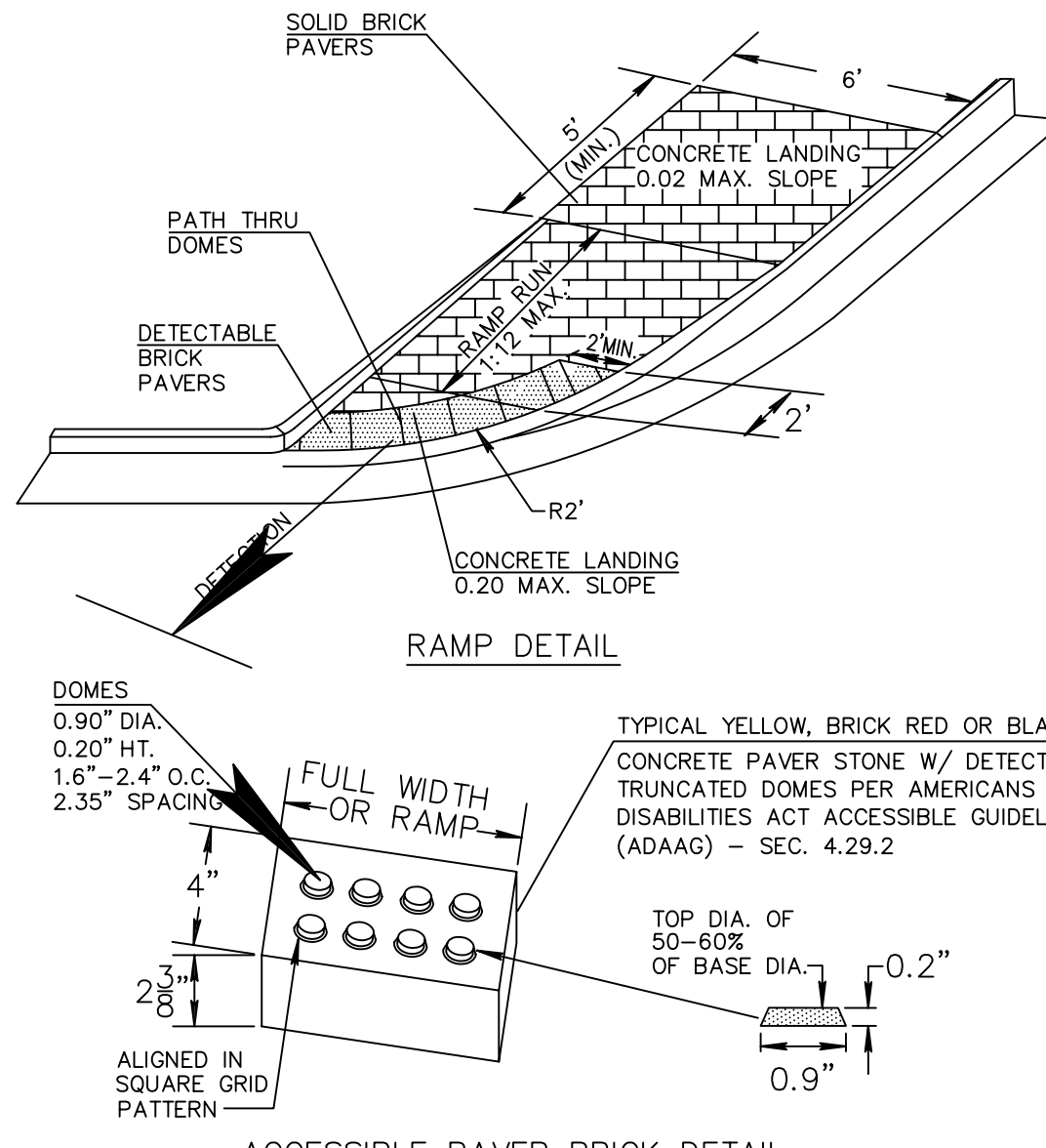
THIS METHOD OF PAVEMENT JOINT SHALL BE USED FOR ANY APPLICATION OR CONSTRUCTION WHERE PROPOSED PAVEMENT AND BASE WILL BE CONNECTED TO EXISTING PAVEMENT AND BASE.



NOTE:

THIS METHOD OF PAVEMENT JOINT SHALL BE USED FOR ANY APPLICATION OR CONSTRUCTION WHERE PROPOSED PAVEMENT WILL BE CONNECTED TO EXISTING PAVEMENT.

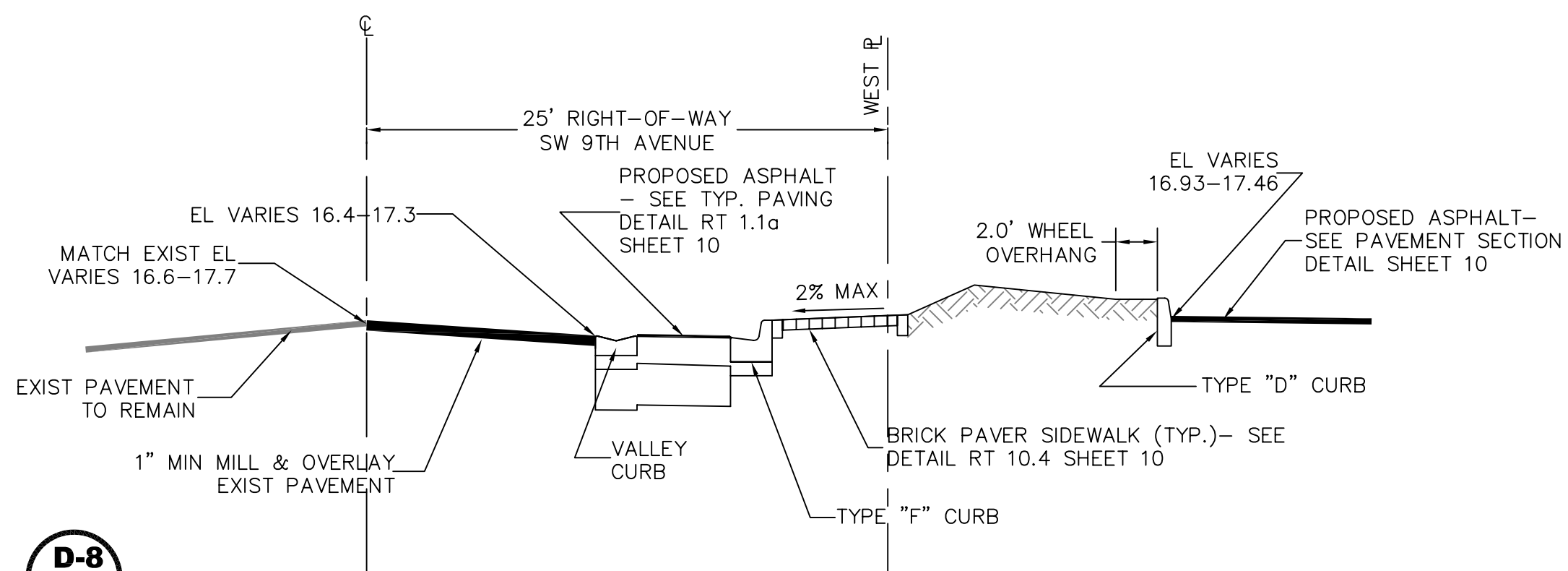
PAVEMENT JOINT DETAIL RT 7.1



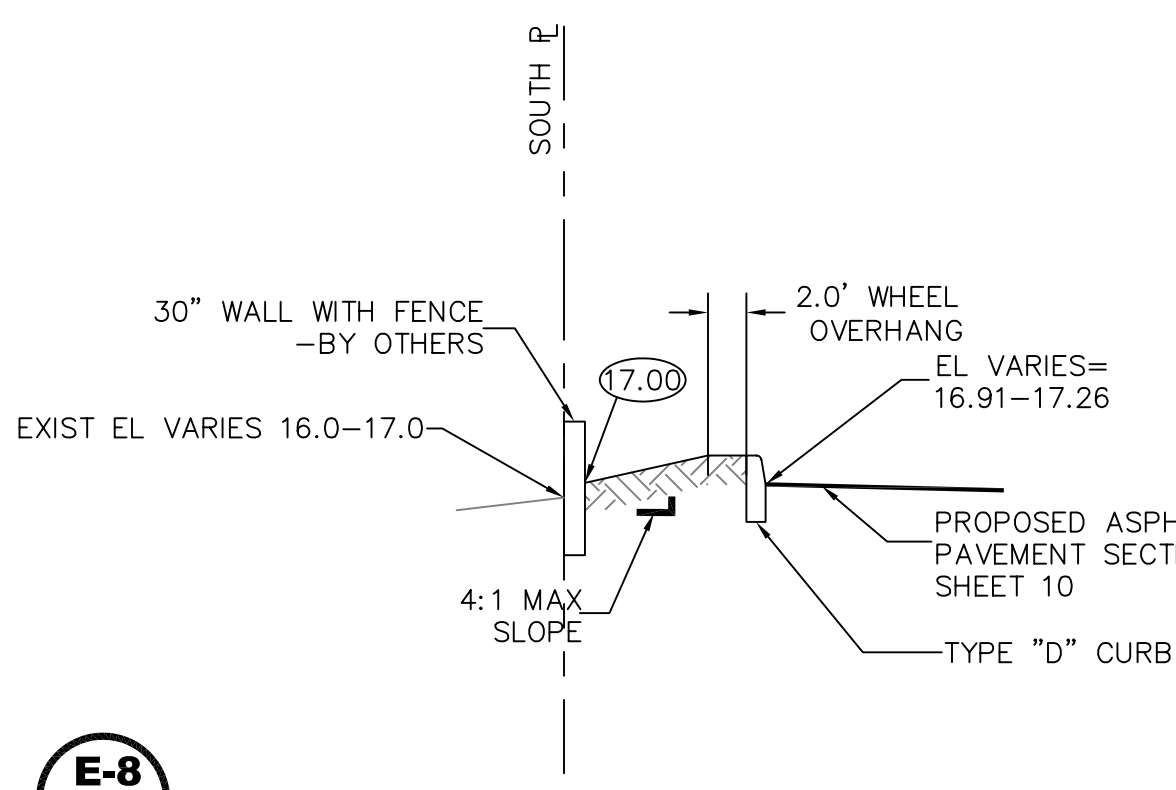
ACCESSIBLE PAVER BRICK DETAIL

1. IN ADDITION TO CURB RAMPS TRUNCATED DOMES ARE REQUIRED AT ALL AREAS OF PERIL.

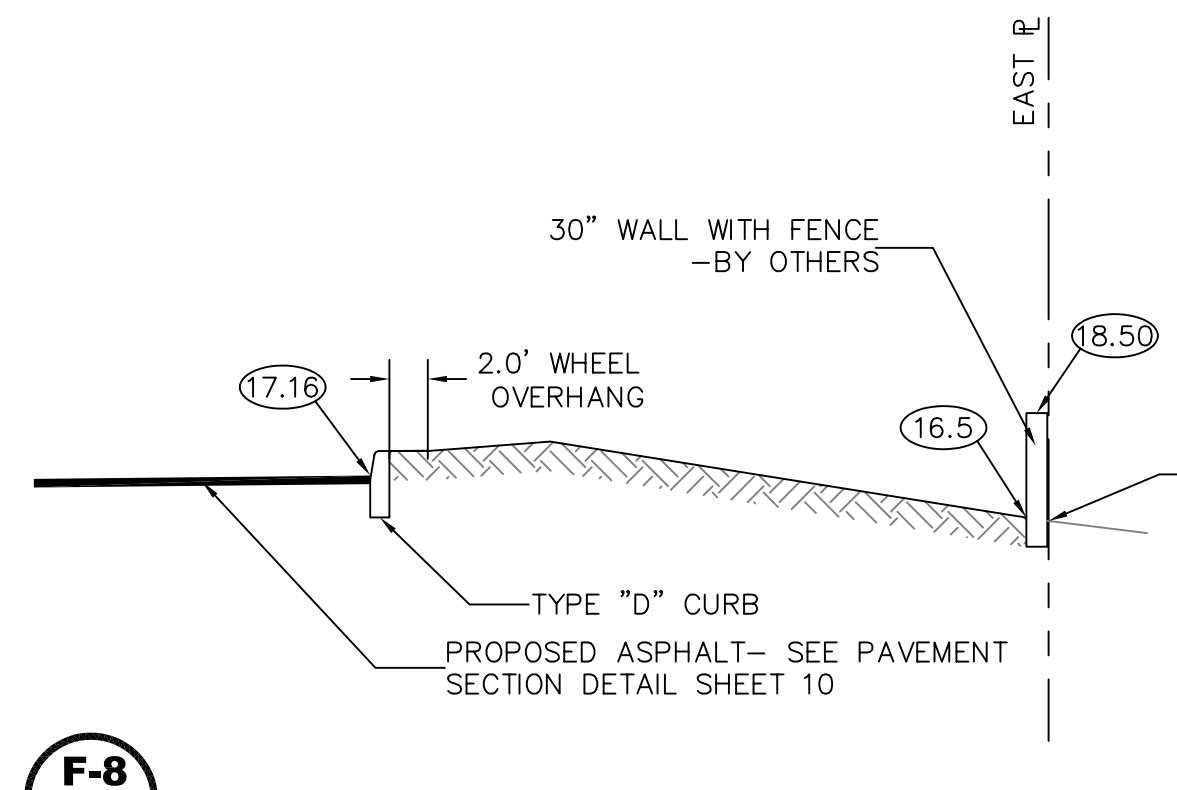
DETECTABLE WARNING RAMP
IN PAVER SIDEWALK TYPICAL DETAIL RT 10.3



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PAVEMENT MARKING SPECIFICATIONS

All Pavement markings to be installed per these typicals, plans and specifications, and as directed by the City Engineer and shall conform to the requirements of F.D.O.T. and the manual on uniform traffic control devices, (MUTCD).

PERMANENT MARKINGS

- Installation:**
- All markings shall be installed by the extruded method.
 - Markings shall be free of weaves, bows, drips, drags, and other degrading items.
 - Chalk shall be used for all layout markings.
- Materials:**
- All materials shall be alkyl or hydrocarbon thermoplastic meeting all FDOT specifications.
- Thickness:**
- All markings shall be installed to yield 90 mils of material measured above the pavement surface.
- Spheres:**
- Reflective glass spheres are to be applied to all stripes and markings per FDOT specifications.
- Alternate Material:**
- STAYMARK marking tape, or equivalent may be used, as approved or directed by the City Engineer.
- Layout:**
- Layout shall be made using marking chalk.
 - It is recommended that marking layout be inspected by the City Engineer prior to the placement of final markings.

TEMPORARY MARKINGS

- Temporary markings may be used only as specified in this section, or as approved or directed by the City Engineer.
- Final Pavement Surface:**
- Only full backed marking tape is allowed.
 - All tape shall be totally removed concurrent with permanent marking placement.
- Other Pavement Surfaces:**
- Intermediate pavement surfaces may be marked with FDOT approved materials, designs, and specifications.

ALL PAVEMENT MARKINGS

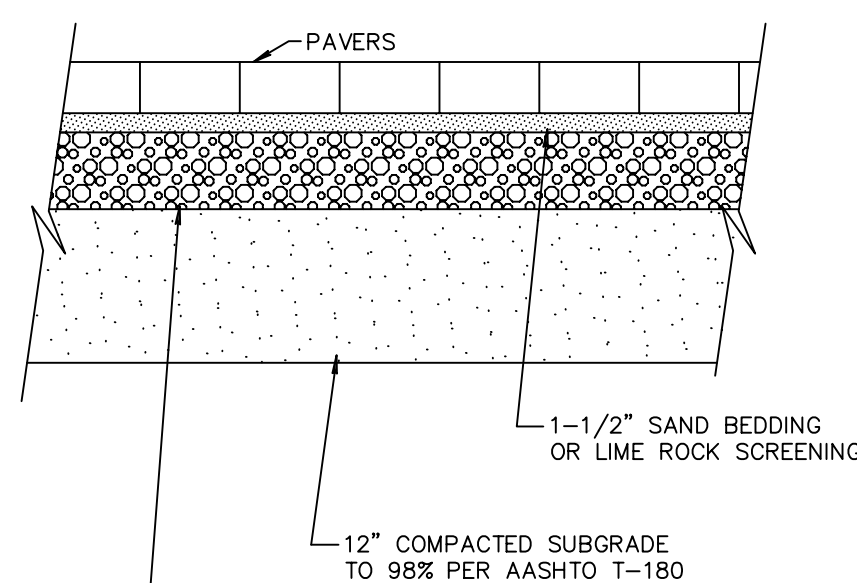
All paved surfaces shall be properly marked prior to the hours of darkness.

RAISED PAVEMENT MARKERS

- R.P.M.s shall be installed on all lane lines and centerlines, spaced at 20' or 40'.
- R.P.M.s shall be a 4 x 4 type class "B" marker meeting F.D.O.T. specifications and shall be approved by the City Engineer prior to use.
- R.P.M.'s shall be installed using alkyl thermoplastic on asphalt and epoxy on concrete.

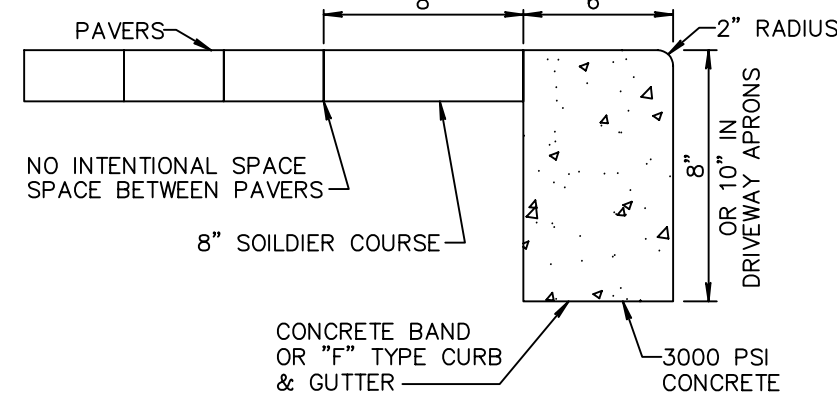
OTHER NOTES

- All Materials within right-of-way shall be thermoplastic and per F.D.O.T. specifications.
- Pavement marking within private parking lots may be painted according to F.D.O.T. specifications, except for all stop bars adjacent to public right-of-way.



SIDEWALK BASE
OUTSIDE RIGHT OF WAY 4" LIMEROCK BASE COMPACTED TO 98% PER AASHTO T-180.
INSIDE RIGHT OF WAY 6" LIMEROCK BASE COMPACTED TO 98% PER AASHTO T-180 OR 4" FLOW-ABLE FILL (100 P.S.I. MIN.)

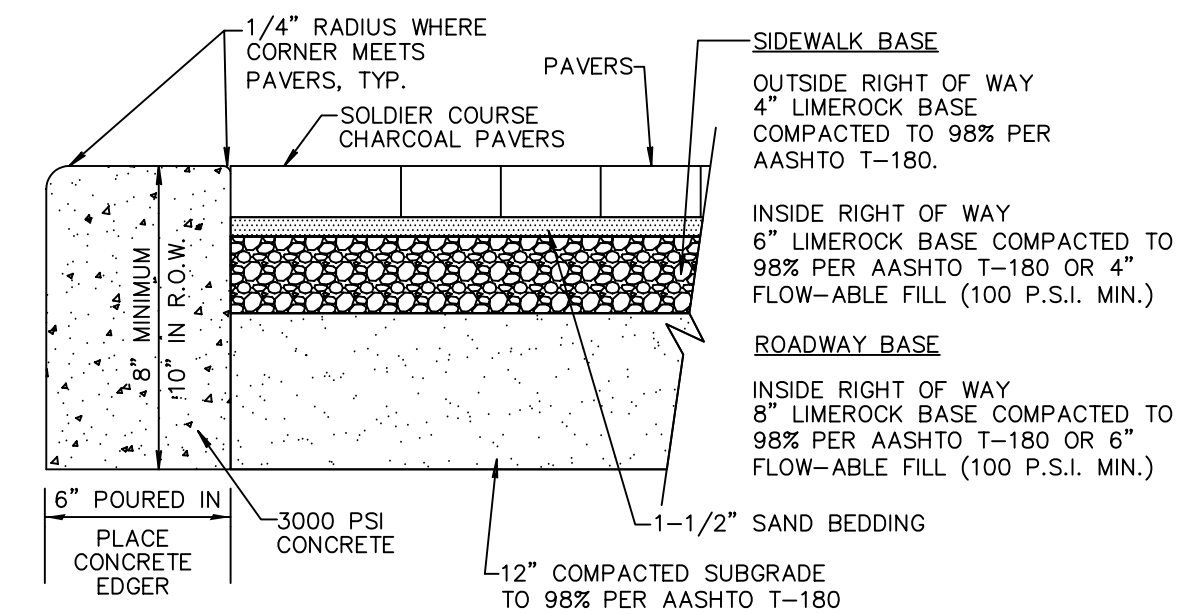
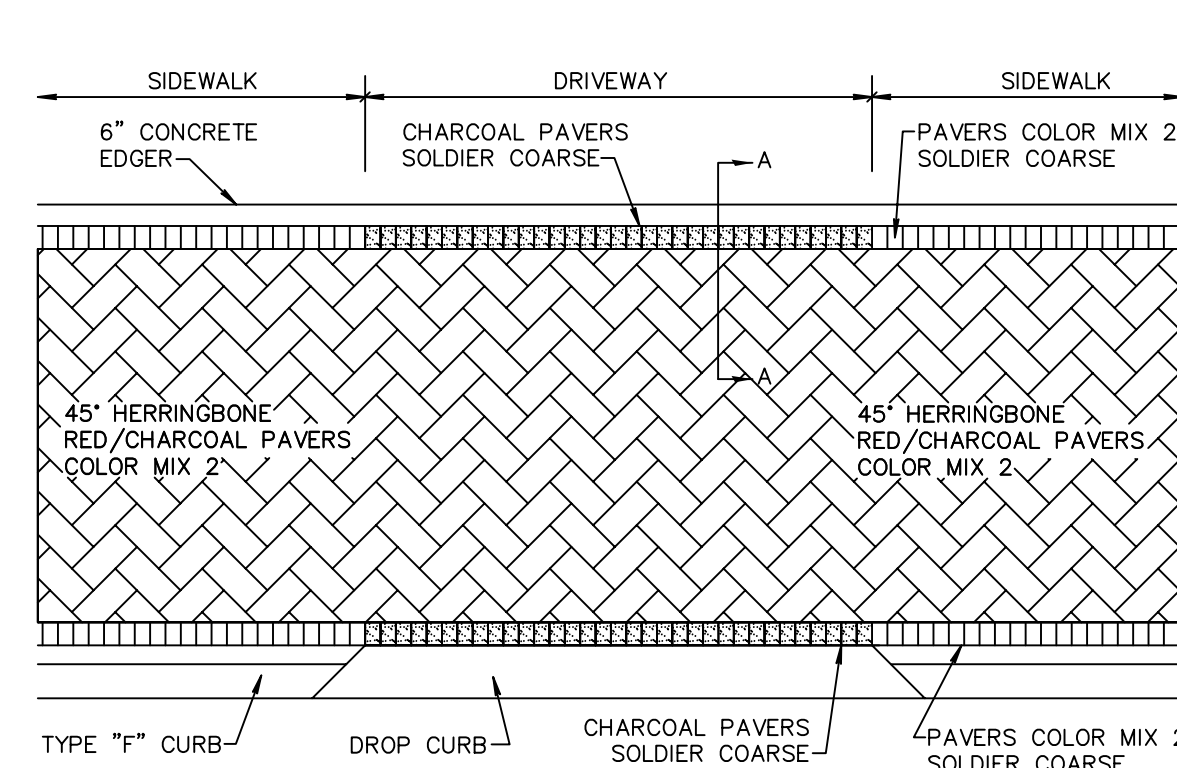
ROADWAY BASE
INSIDE RIGHT OF WAY 8" LIMEROCK BASE COMPACTED TO 98% PER AASHTO T-180 OR 6" FLOW-ABLE FILL (100 P.S.I. MIN.)



NOTE:

IF CITY APPROVES PAVERS TO BE USED IN LIEU OF CONC. SIDEWALK PAVES SHALL BE HOLLAND-STONE, 45° HERRING BONE, RED/CHARCOAL, COLOR MIX #2

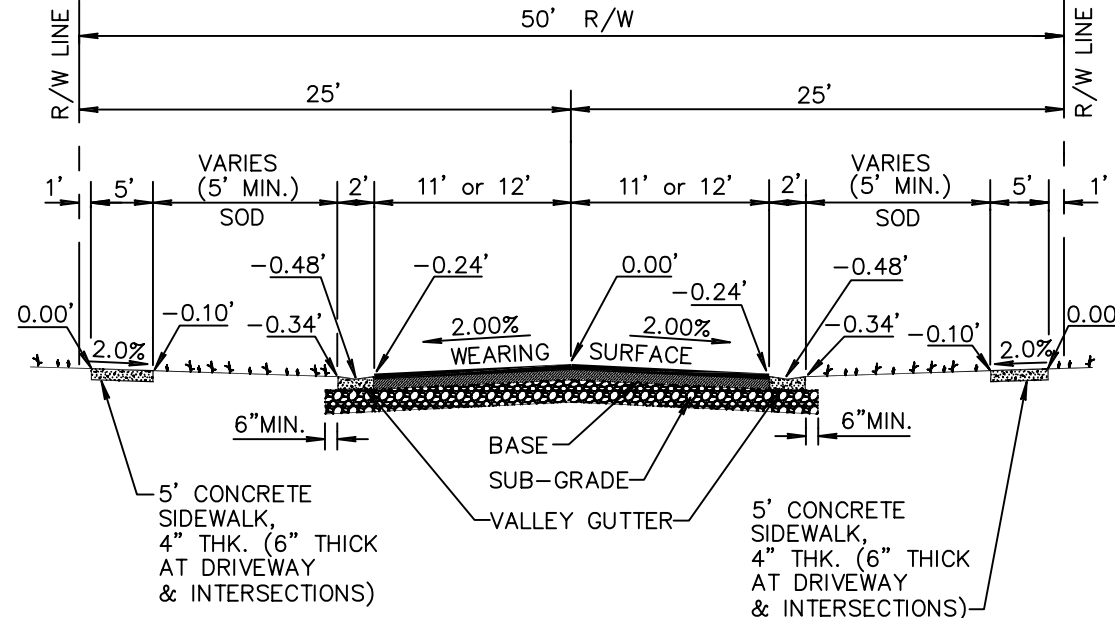
PAVER BRICK SECTION
DETAIL RT 10.1a



PINEAPPLE GROVE WAY DRIVEWAY APRON
DETAIL RT 10.4

PAVEMENT MARKING SPECIFICATIONS RT 8.1a
(Sheet 1 of 2)

PAVEMENT MARKING SPECIFICATIONS RT 8.1b
(Sheet 2 of 2)

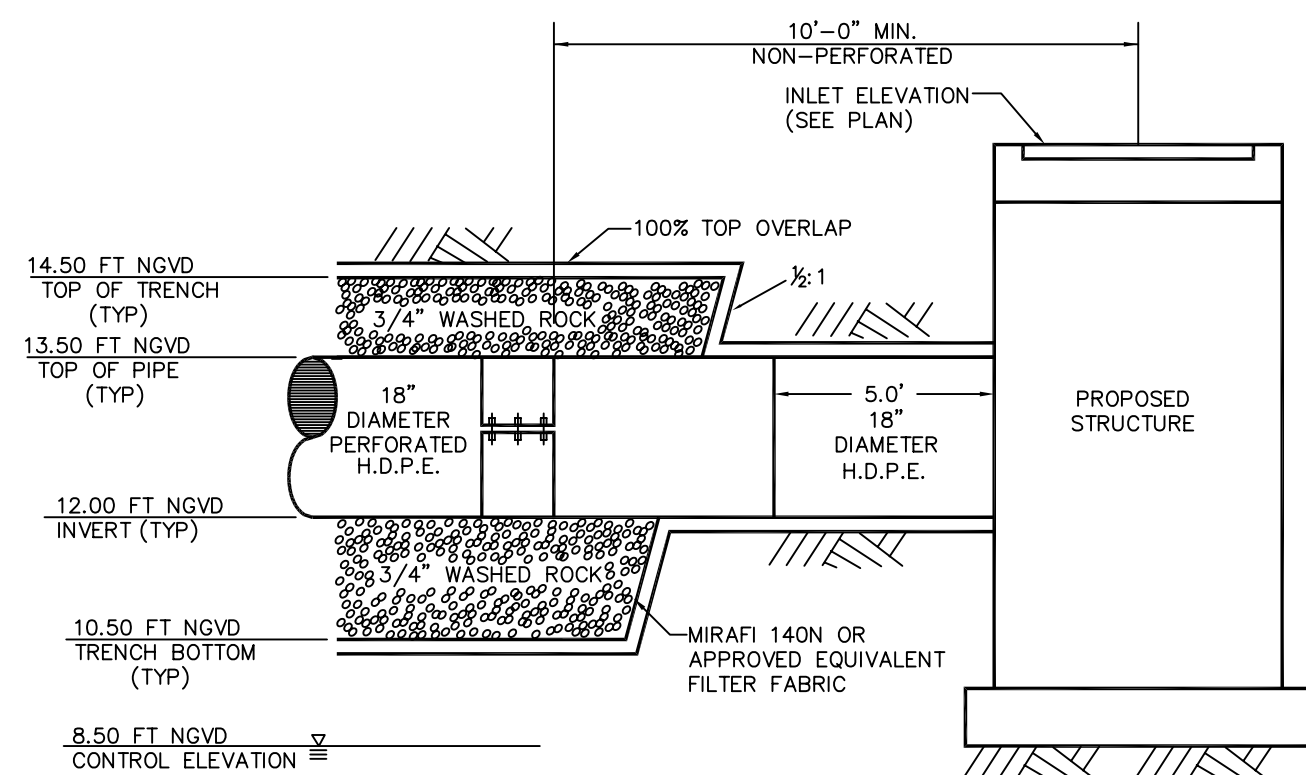


PAVEMENT SPECIFICATIONS	
WEARING SURFACE	1 1/2" TYPE S-III (2 LIFTS) SEE NOTE 2
BASE	8" LIMEROCK OR 10" CRUSHED CONCRETE COMPACTED TO 98% MAX. DENSITY PER AASHTO T-180. PRIME & TACK COAT PER FDOT SECTION 300.
SUBGRADE	12" STABILIZED (75 P.S.I. FBV) AND COMPACTED TO 98% MAX. DENSITY PER AASHTO T-180.

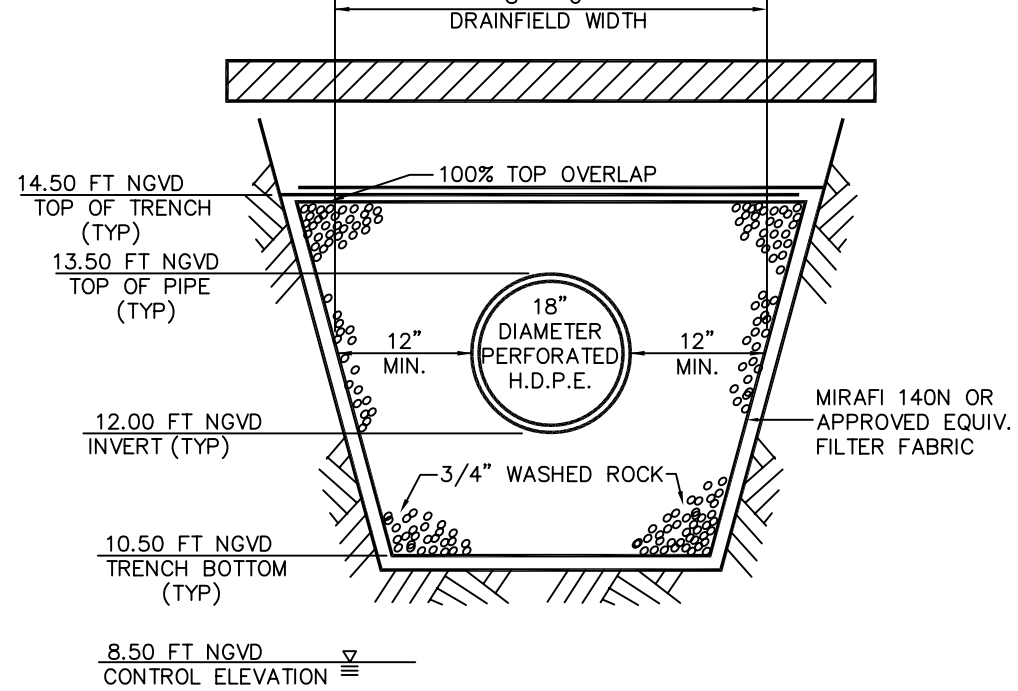
NOTE:

- VARIATION FROM MATERIAL SPECIFICATIONS WILL BE CONSIDERED ON A CASE BY CASE BASIS BY THE CITY ENGINEER.
- 2ND LIFT SHALL NOT TO BE PAVED UNTIL CONSTRUCTION VEHICLES AND EQUIPMENT HAVE COMPLETED WORK.

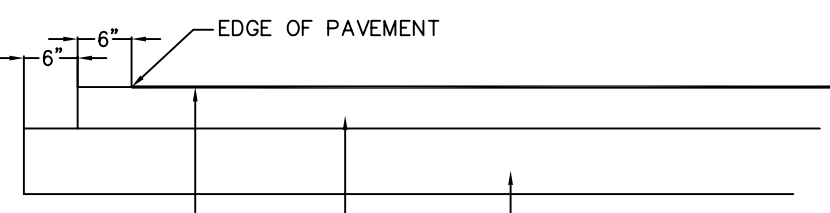
TYPICAL 50' R/W SECTION WITH VALLEY GUTTER
DETAIL RT 1.1a



PERFORATED PIPE TRENCH
N.T.S.

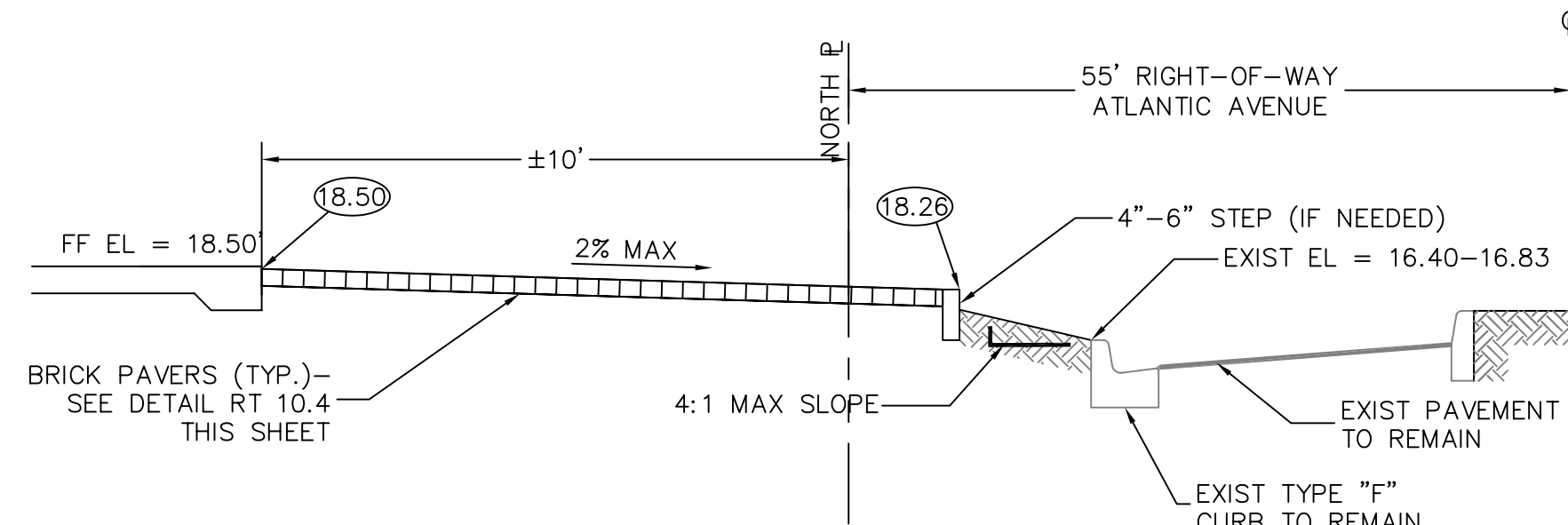


PERFORATED PIPE TRENCH
N.T.S.



TYPICAL ON-SITE PAVING SECTION

- NTS
- 1-1/2" TYPE S-III A.C.S.C. (TWO LIFTS) OR 1-1/2" TYPE S-I (ONE-LIFT)
 - 8" LIMEROCK BASE COMPACTED TO 98% MAX DENSITY PER AASHTO T-180. PRIME & TACK COAT PER FDOT SECTION 300.
 - 12" COMPACTED SUBGRADE COMPACTED TO 98% MAX. DENSITY PER AASHTO T-180.

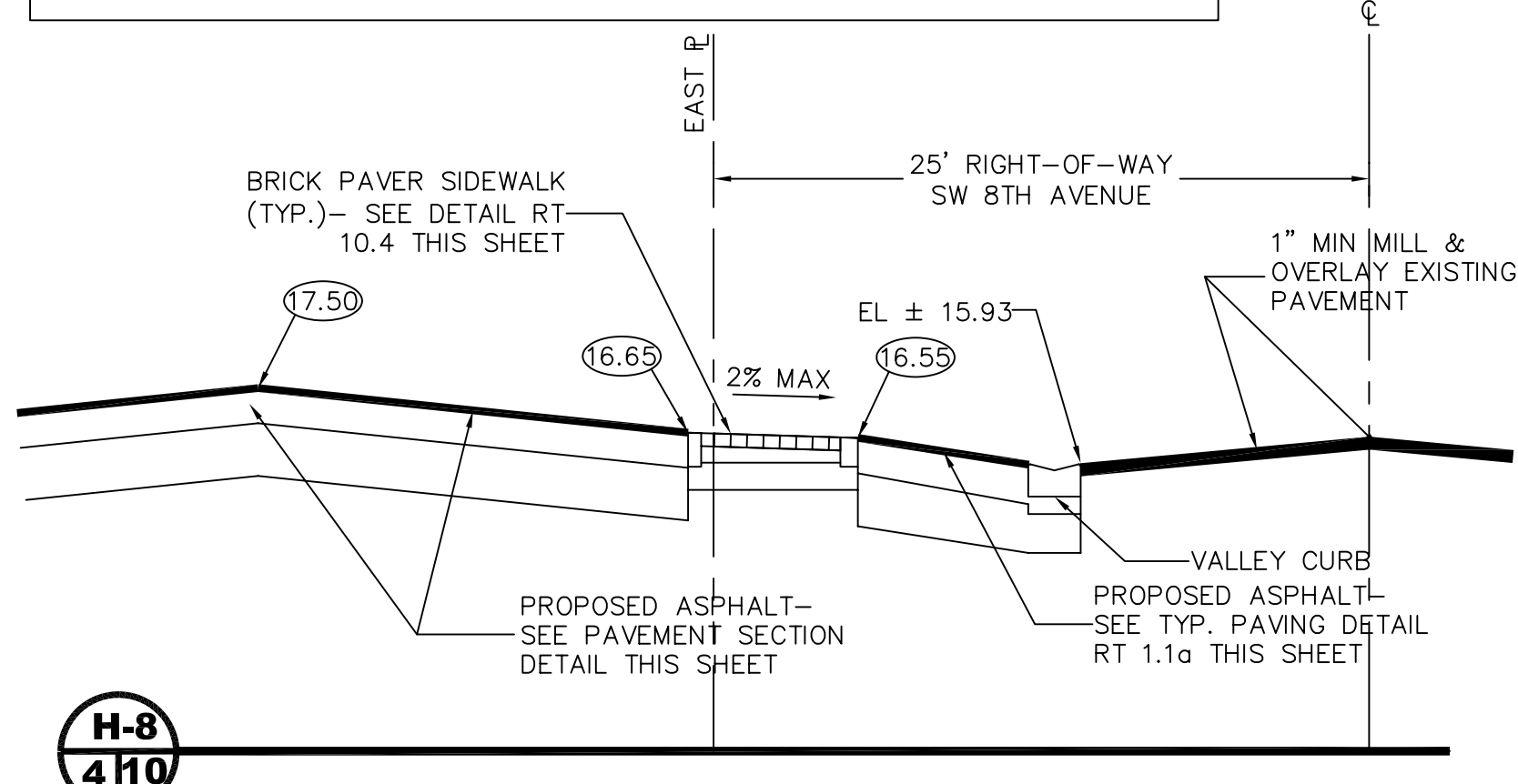


B-7
3/10

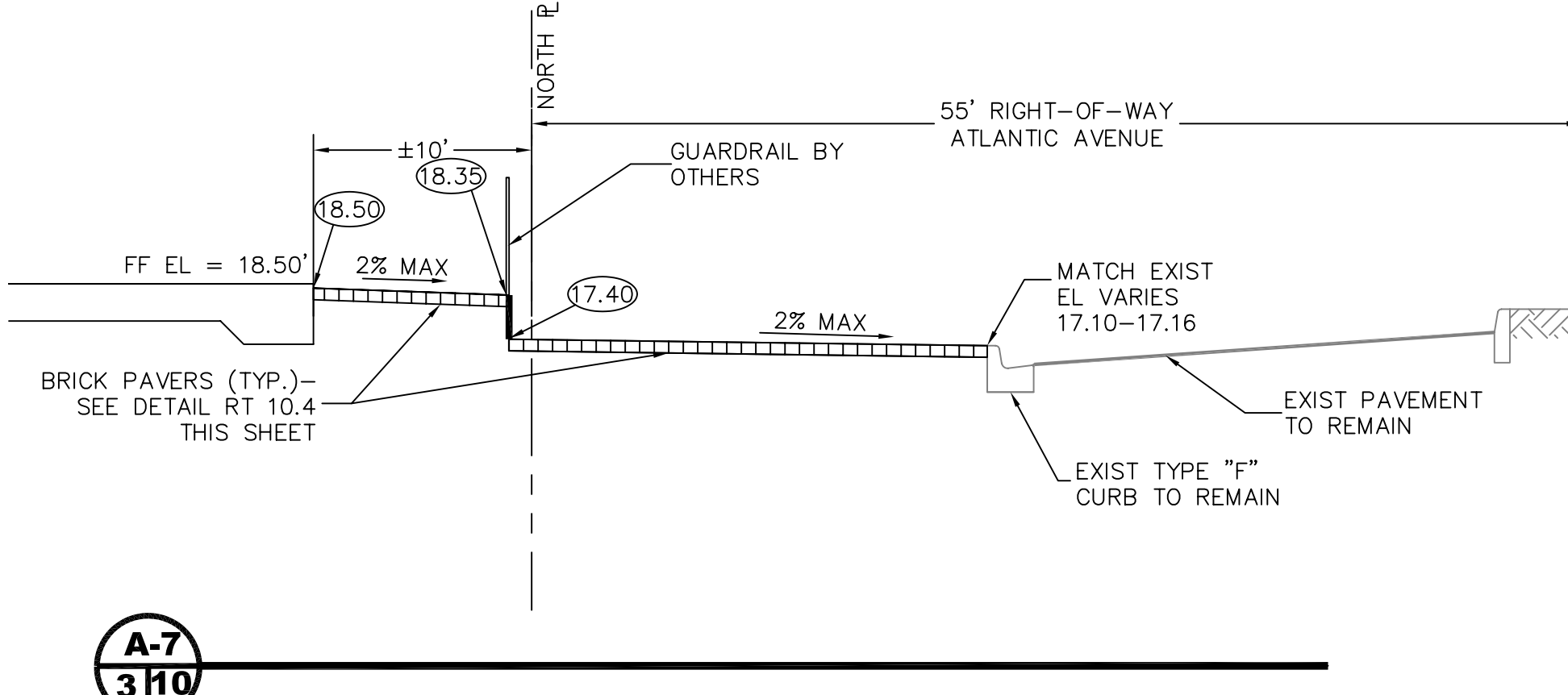
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A-7
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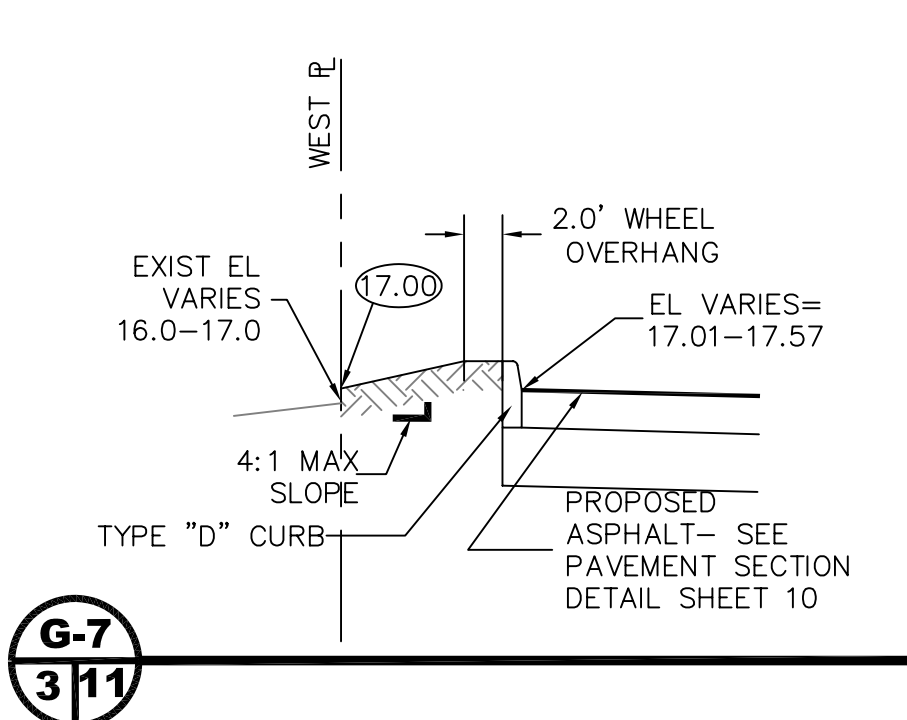
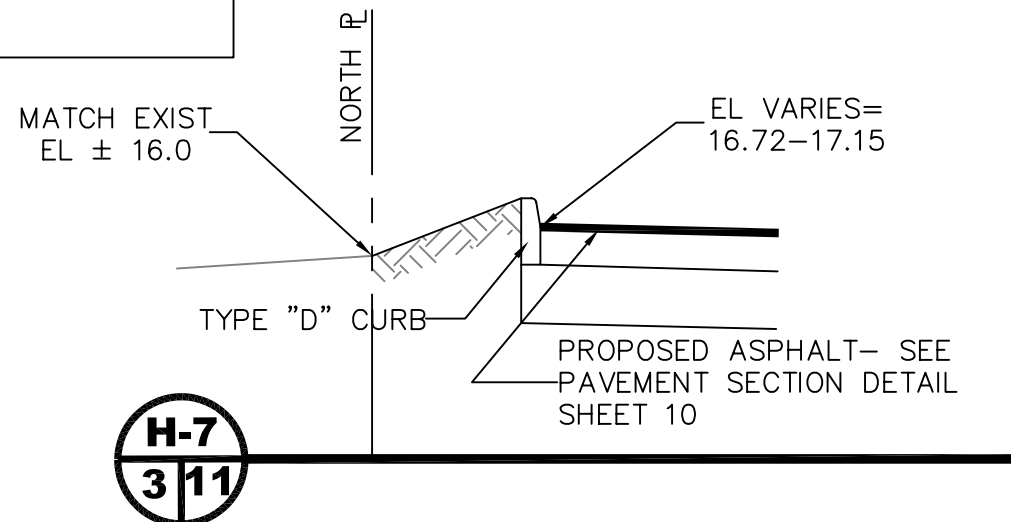
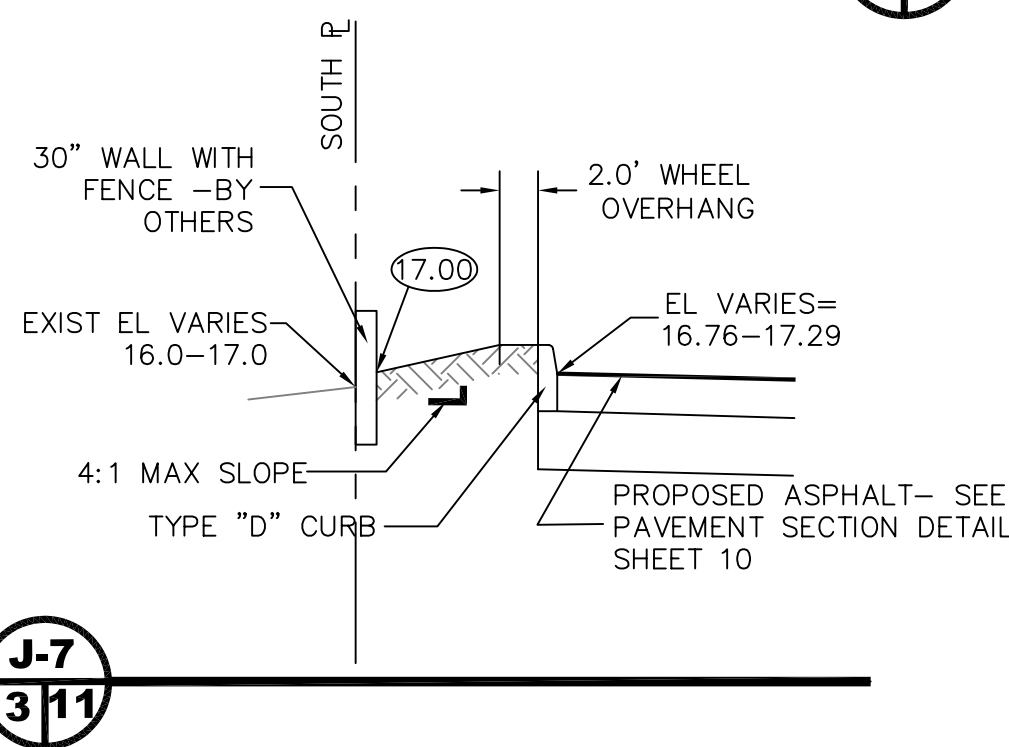
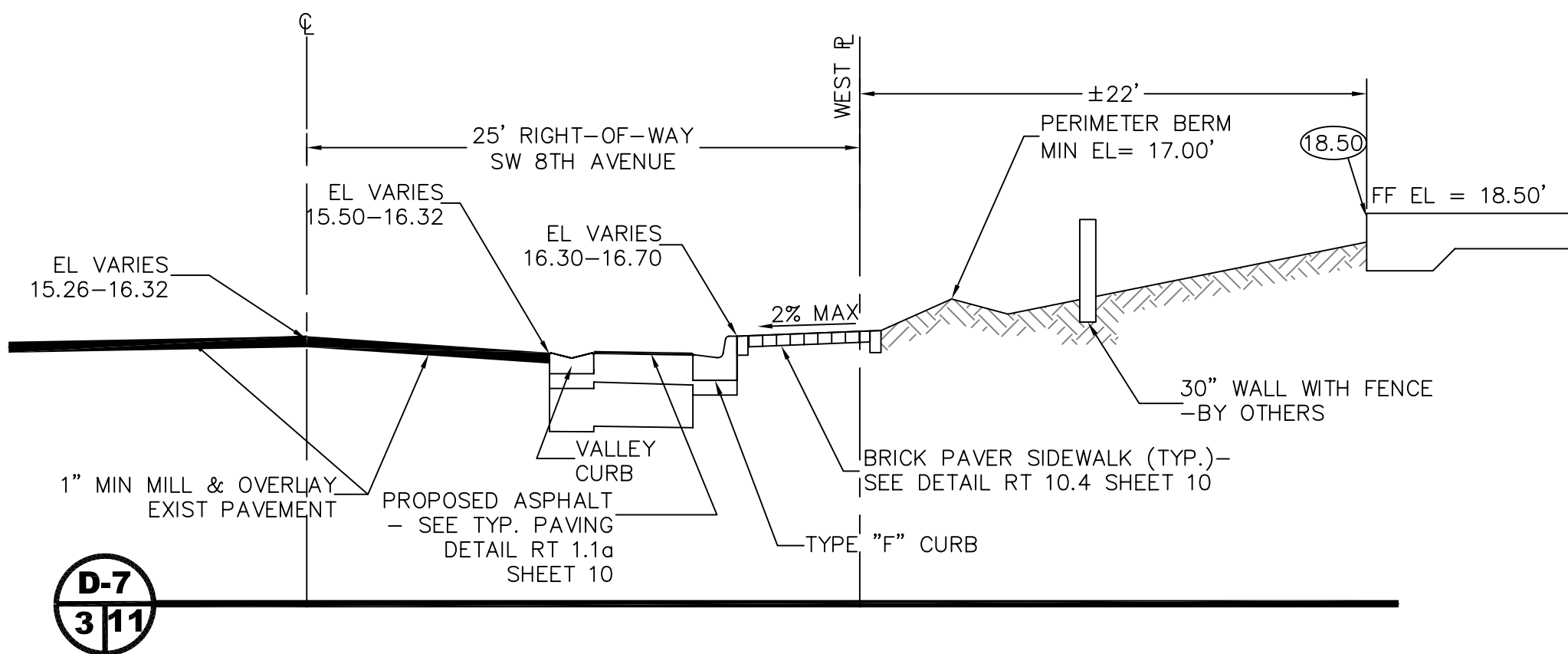
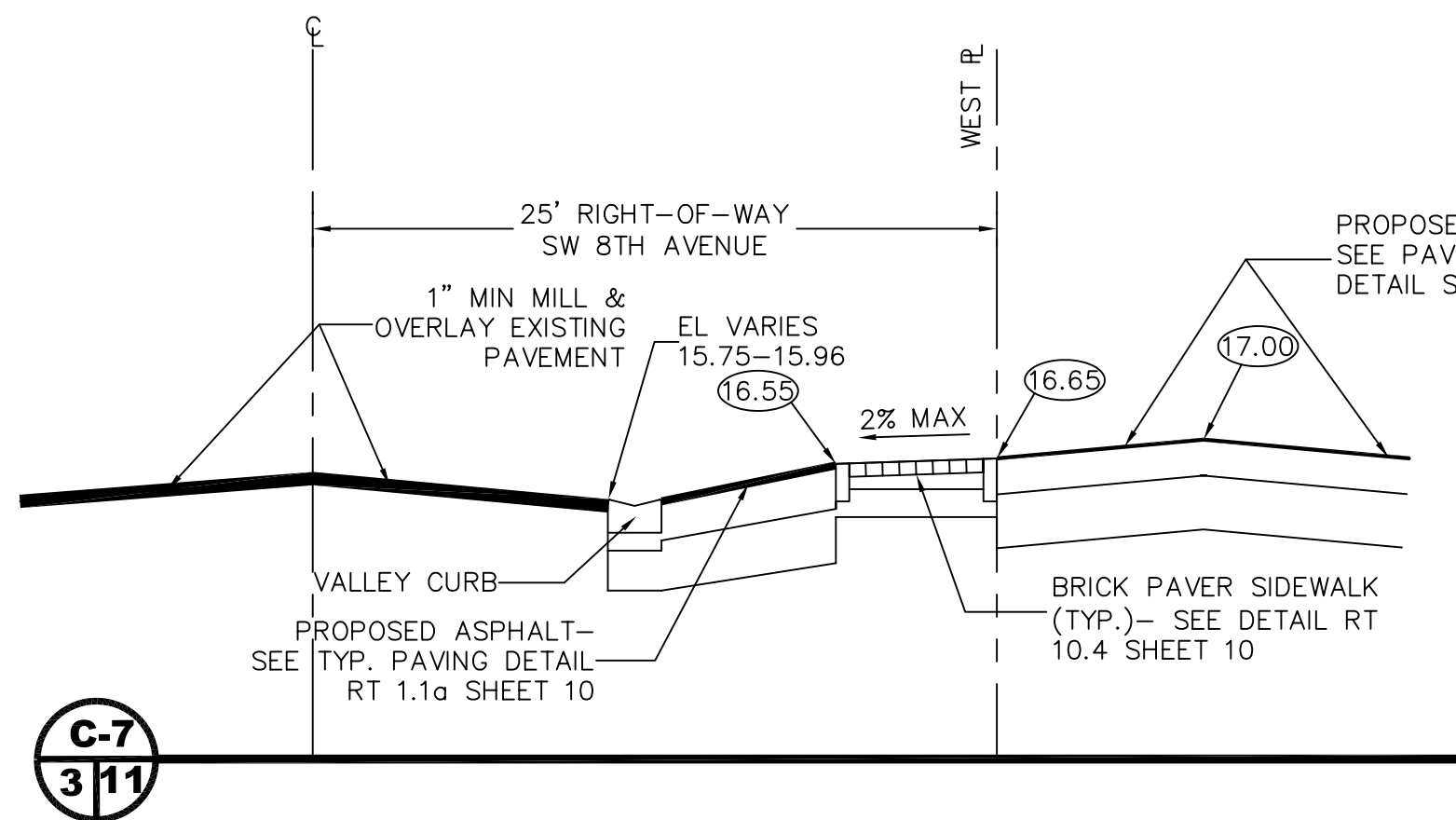
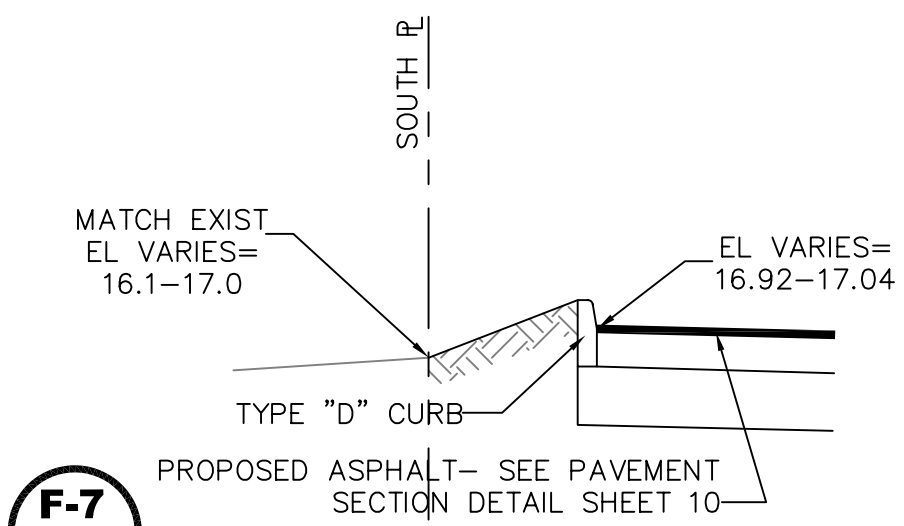
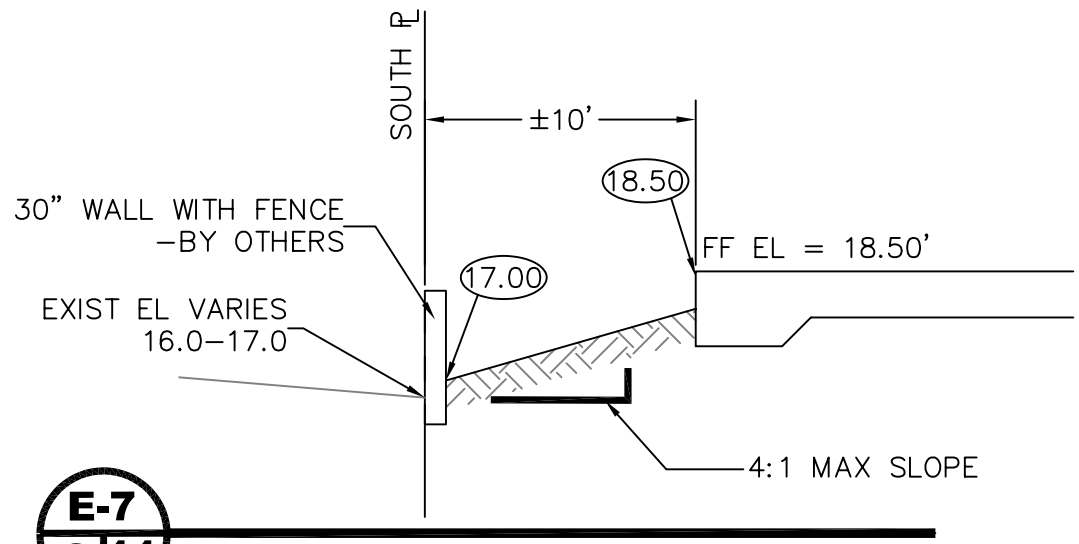
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PAVING, GRADING AND DRAINAGE NOTES	
1. ALL PAVING AND DRAINAGE WORK IN THE PALM BEACH COUNTY (PBC) RIGHT-OF-WAY SHALL BE CONSTRUCTED IN FULL ACCORDANCE WITH THE PBC LATEST STANDARDS. ALL PAVING AND DRAINAGE WORK IN THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) RIGHT-OF-WAY SHALL BE CONSTRUCTED IN FULL ACCORDANCE WITH THE FDOT LATEST STANDARDS.	11. ASPHALTIC CONCRETE SURFACE COURSE SHALL BE IN ACCORDANCE WITH SECTION 334 OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION. THE THICKNESS OF THE SURFACE COURSE SHALL BE AS SHOWN ON THE DETAILED DRAWINGS.
2. COMPACTED SUBGRADE SHALL BE COMPACTED AND MEET THE DENSITY REQUIREMENTS AS DETERMINED BY THE AASHTO T-180 SPECIFICATIONS. SUBGRADE SHALL EXTEND 12 INCHES BEYOND THE PROPOSED EDGE OF PAVEMENT AND/OR 6" BEYOND VALLEY GUTTER, TYPE "F" CURB & GUTTER, OR TYPE "D" CURB. SUBGRADE SHALL BE 12 INCHES THICK COMPACTED TO 98% ACCORDING TO AASHTO T-180. ALL MUCK, STUMPS, ROOTS OR OTHER DELETERIOUS MATTER ENCOUNTERED IN THE PREPARATION OF THE SUBGRADE SHALL BE REMOVED COMPLETELY FROM THE CENTERLINE OF THE ROADWAY TO A WIDTH OF TEN FEET BEYOND THE EDGE OF PAVEMENT. IF SUBGRADE IS REQUIRED TO BE STABILIZED, THE REQUIRED BEARING VALUE DETERMINATIONS SHALL BE MADE BY THE FLORIDA BEARING TEST, TEST METHOD "C" OF AASHTO T-180 SPECIFICATIONS.	12. ALL CONCRETE SHALL DEVELOP 2500 p.s.i. (MINIMUM) 28 DAY COMPRESSIVE STRENGTH OR GREATER WHERE NOTED ON PLANS. CLASS I CONCRETE SHALL CONFORM WITH THE FDOT SPECIFICATIONS, LATEST EDITION. CLASS I CONCRETE USED AS PAVING SHALL DEVELOP 3000 p.s.i. (MINIMUM) 28 DAYS COMPRESSIVE STRENGTH.
3. SHELLROCK BASE SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 250 OF THE FLORIDA DEPARTEMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION. THE THICKNESS OF THE SHELLROCK BASE SHALL BE AS SHOWN ON THE DETAIL DRAWINGS AND SHALL BE COMPACTED TO A DENSITY OF 98% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180. THE SHELLROCK SHALL HAVE A MINIMUM OF 40% CARBONATES OF CALCIUM AND MAGNESIUM IN THE MATERIAL.	13. PAVEMENT TRAFFIC STRIPES AND MARKINGS SHALL BE IN ACCORDANCE WITH CITY OF DELRAY BEACH CURRENT STANDARDS AND/OR MANUAL ON UNIFORM TRAFFIC CONTOL DEVICES FOR STREETS AND HIGHWAYS, AND/OR PALM BEACH COUNTY TRAFFIC DEPARTMENT TYPICAL T-P-10-001, WHERE APPLICABLE.
4. LIMEROCK BASE SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 200 OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION. THE THICKNESS OF THE LIMEROCK BASE SHALL BE AS SHOWN ON THE DETAILED DRAWINGS AND SHALL BE COMPACTED TO A DENSITY OF 98% OF THE MAXIMUM DENSITY AS DETERMINED BY AASHTO T-180.	14. SEQUENCE OF CONSTRUCTION - THE SEQUENCE OF CONSTRUCTION SHALL BE SUCH THAT ALL UNDERGROUND INSTALLATIONS OF EVERY KIND THAT ARE BENEATH THE PAVEMENT, SHALL BE IN PLACE AND HAVE PROPER DENSITY PRIOR TO THE CONSTRUCTION AND COMPACTION OF THE SUBGRADE.
5. MUCK AND PEAT - IF MUCK AND/OR PEAT ARE ENCOUNTERED IN THE ROAD OR PARKING AREA, THEY WILL BE REMOVED COMPLETELY TO A WIDTH OF TEN FEET BEYOND THE EDGE OF PAVEMENT AND SHALL BE BACKFILLED WITH GRANULAR MATERIAL. IF HARDPAN IS ENCOUNTERED IN THE SWALE AREA, IT WILL REMOVED TO A WIDTH OF TWO FEET AT THE SWALE INVERT AND REPLACED WITH GRANULAR MATERIAL.	15. INLETS AND MANHOLES - ALL INLETS AND MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE FDOT SPECIFICATIONS, LATEST EDITION, AND ROADWAY AND TRAFFIC DESIGN STANDARDS, LATEST EDITION, AND PBC STANDARDS LATEST EDITION, WHERE APPLICABLE.
6. WHERE SOD IS DESIRED, LOWER THE GRADE 2 INCHES BELOW THE FINISHED GRADE TO ALLOW FOR THE THICKNESS OF THE SOD.	16. GRATE ELEVATIONS REFER TO THE FLOWLINE OF THE GRATE.
7. CLEARING AND GRUBBING - WITHIN THE LIMITS OF CONSTRUCTION ALL VEGETATION AND ROOT MATERIAL SHALL BE REMOVED.	17. GRADES SHOWN ARE FINISHED GRADES.
8. GUMBO - WHERE GUMBO OR OTHER PLASTIC CLAYS ARE ENCOUNTERED, THEY SHALL BE REMOVED WITHIN THE ROADWAY AND PARKING AREAS ONE FOOT BELOW THE SUBGRADE EXTENDING HORIZONTALLY TO THE OUTSIDE EDGE OF THE SHOULDER AREA.	18. MINIMUM ROAD CROWN ELEVATION SHALL BE EL. TBD' N.G.V.D.
9. PRIME COAT SHALL BE IN ACCORDANCE WITH SECTION 300 OF THE FDOT STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION. PRIME COAT SHALL BE RC-70 OR ASPHALT EMULSION PRIME (AEP). PRIME COAT SHALL BE APPLIED AT A RATE OF APPLICATION NOT LESS THAN 0.10 GALLONS PER SQUARE YARD FOR LIMEROCK BASES AND NOT LESS THAN 0.15 GALLONS PER SQUARE YARD FOR SHELL ROCK OR COQUINA SHELL BASES.	19. REINFORCED CONCRETE PIPE - THE PIPE SHALL CONFORM WITH THE REQUIREMENTS OF CLASS III OF ASTM C-76 AND WITH THE FDOT SPECIFICATIONS, LATEST EDITION. THE FIRST JOINT OF PIPE ENTERING OR LEAVING A MANHOLE OR INLET SHALL BE WRAPPED WITH FILTER FABRIC PER FDOT SPECIFICATIONS.
10. TACK COAT - BITUMINOUS TACK COAT SHALL CONFORM WITH THE REQUIREMENTS OF THE FDOT SPECIFICATIONS, LATEST EDITION AND SHALL BE APPLIED AT THE RATE OF 0.08 GALLONS PER SQUARE YARD, UNLESS A VARIATION IS APPROVED BY THE ENGINEER.	20. CORRUGATED ALUMINUM PIPE SHALL MEET THE REQUIREMENTS OF AASHTO M196 AND SECTIONS 125, 430 AND 943 OF THE FDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
	21. MEASUREMENT OF THE LENGTH OF PIPE SHALL BE FROM THE CENTER OF THE STRUCTURE TO THE CENTER OF THE STRUCTURE.
	22. PIPE BACKFILL - REQUIREMENTS FOR PIPE BACKFILL CROSSING ROADS OR PARKING AREAS SHALL BE DEFINED IN THE FDOT SPECIFICATIONS, LATEST EDITION. PIPELINE BACKFILL SHALL BE PLACED IN SIX INCH LIFTS AND COMPACTED TO 100% OF THE STANDARD PROCTOR (AASHTO) T-99 SPECIFICATIONS.
	23. THE CONTRACTOR SHALL SUBMIT TO THE ENGINEER THREE (3) CERTIFIED COPIES OF A CHEMICAL AND SIEVE ANALYSIS OF THE SHELL ROCK BY A STATE OF FLORIDA CERTIFIED LAB WHEN CONSTRUCTING A SHELL ROCK BASE FOR ROADWAY.
	24. PRIOR TO CERTIFICATION OF THE DRAINAGE SYSTEM, THE CONTRACTOR MUST PUMP DOWN AND LAMP THE DRAINAGE SYSTEM FOR INSPECTION BY THE ENGINEER AFTER FINISHED ROCK FOR THE ROADWAYS HAS BEEN INSTALLED.

GENERAL NOTES	
1. CONTRACTOR SHALL PROTECT ALL PERMANENT REFERENCE MONUMENTS AND TAKE ALL PRECAUTIONS NECESSARY TO AVOID SURVEY MARKERS DURING CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACEMENT OF PERMANENT REFERENCE MONUMENTS DISTURBED DURING CONSTRUCTION, AT NO ADDITIONAL COST TO THE OWNER.	12. ENVIRODESIGN ASSOC. INC. SHALL NOT BE RESPONSIBLE FOR THE SAFETY OF THE WORKERS OR THE GENERAL PUBLIC. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAFETY TO THE WORKERS IN ACCORDANCE WITH OCCUPATIONAL SAFETY & HEALTH ADMINISTRATION'S (OSHA) REQUIREMENTS AND THE SAFETY OF THE GENERAL PUBLIC.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UNDERGROUND UTILITIES WHETHER OR NOT SHOWN ON THE PLANS. UTILITIES SHOWN ON THE PLANS ARE FOR REFERENCE ONLY AND MAY NOT DEPICT ACTUAL LOCATIONS. CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES FOR LOCATION AND DEPTH OF THEIR LINES PRIOR TO CONSTRUCTION.	13. ALL MATERIALS AND WORKMANSHIP MUST BE IN ACCORDANCE WITH THE LOCAL UTILITY STANDARDS AND SPECIFICATIONS.
3. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE AND PAY FOR THE DEENERGIZING OF POWER LINES AND/OR HOLDING POWER POLES DURING CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.	14. THE CONTRACTOR SHALL CALL SUNSHINE 1-800-432-4770 48 HOURS BEFORE DIGGING FOR FIELD LOCATIONS OF UNDERGROUND UTILITIES.
4. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE AND PAY FOR THE REPLACEMENT OF TRAFFIC LOOPS IF DAMAGED DURING CONSTRUCTION AT NO ADDITIONAL COAST TO THE OWNER.	15. CORRUGATED ALUMINUM PIPE USED BENEATH PAVEMENT SHALL BE IN CONFORMANCE WITH SEC. 8.24.E.5.1
5. ALL ELEVATIONS REFER TO N.G.V.D. 1929. MINIMUM FINISHED FLOOR ELEVATION FOR ANY RESIDENTIAL STRUCTURE SHALL BE SET AT OR ABOVE ELEVATION TBD (WHICH IS ABOVE THE 100-YEAR FREQUENCY STORM).	16. ALL CONSTRUCTION ACTIVITY, INCLUDING TRENCHING, IS TO BE A MINIMUM OF SIX FEET FROM THE BASE OF ANY TREE THAT IS DESIGNATED TO REMAIN.
6. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION OR INSTALLATION AS REQUIRED BY THE ENGINEER OR BY THE APPROPRIATE GOVERNING AGENCIES.	17. ALL LIMEROCK AND BASE MATERIALS SHALL BE REMOVED FROM THE PLANTER AREAS/ISLANDS AND REPLACED WITH APPROPRIATE PLANTING SOIL PRIOR TOT THE LANDSCAPING OF THE SITE.
7. CONTRACTOR SHALL BE RESPONSIBLE TO SECURE AND PAY FOR, AT NO ADDITIONAL COST TO THE OWNER, ALL NECESSARY PERMITS, FEES AND LICENSES.	18. THE REMOVAL OF ANY TREE ON THE SITE IS PROHIBITED WITHOUT THE REQUIRED PERMITS.
8. CONTRACTOR SHALL BE RESPONSIBLE FOR GIVING THE REQUIRED NOTICES AND COMPLYING WITH ALL PERMIT(S) CONDITIONS.	19. ALL MATERIALS AND CONSTRUCTION WITHIN THE FDOT RIGHT-OF-WAY SHALL CONFORM TO THE FDOT DESIGN STANDARDS FOR DESIGN, CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS ON THE STATE HIGHWAY SYSTEM (LATEST ED.).
9. CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE AND PAY FOR THE HOLDING OF OTHER UTILITY POLES DURING CONSTRUCTION AT NO ADDITIONAL COST TO THE OWNER.	20. LANE CLOSURES WITHIN THE FDOT RIGHT-OF-WAY SHALL BE LIMITED TO THE HOURS OF 9AM-3PM, MONDAY-FRIDAY EXCLUDING GOVERNMENTAL HOLIDAYS. MAINTENANCE OF TRAFFIC SHALL BE PROVIDED IN ACCORDANCE WITH INDEX 613 OF THE FDOT DESIGN STANDARDS (LATEST ED.)
10. ALL CONCRETE SHALL DEVELOP 2500 p.s.i. (MINIMUM) 28 DAY COMPRESSIVE STRENGTH OR GREATER WHERE NOTED ON PLANS. CLASS I CONCRETE SHALL CONFORM WITH THE FDOT SPECIFICATIONS, LATEST EDITION. CLASS I CONCRETE USED AS PAVING SHALL DEVELOP 3000 p.s.i. (MINIMUM) 28 DAYS COMPRESSIVE STRENGTH.	
11. ALL UTILITY CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE LOCAL UTILITY.	



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PAVING & DRAINAGE DETAILS FOR:
UPTOWN ATLANTIC
600-800 WEST ATLANTIC AVENUE
DELRAY BEACH, FLORIDA

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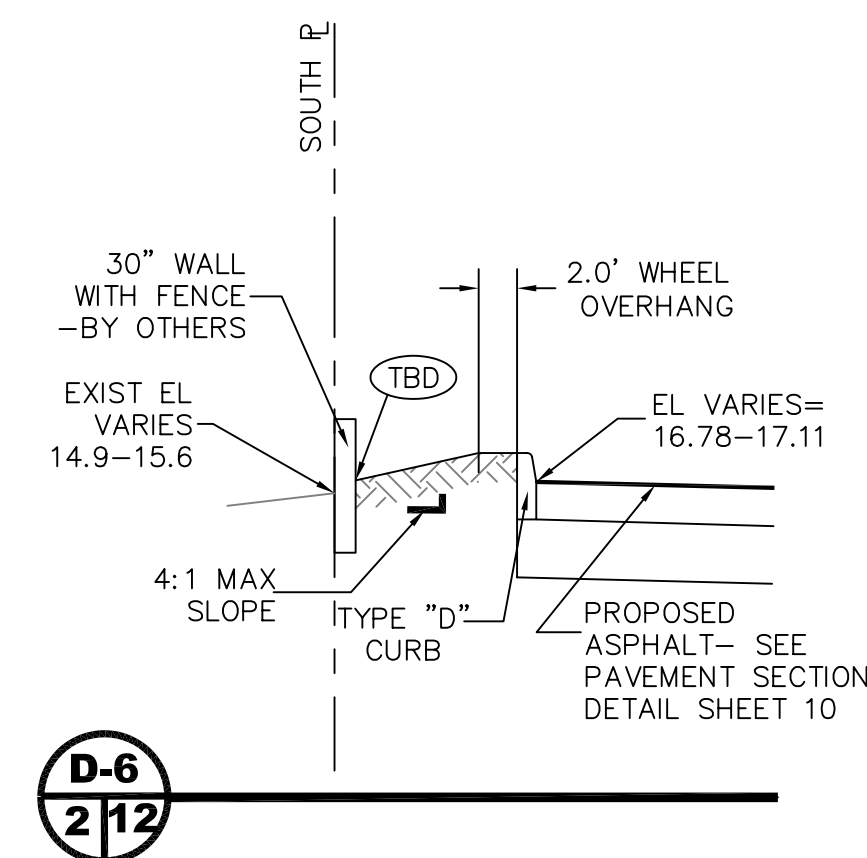
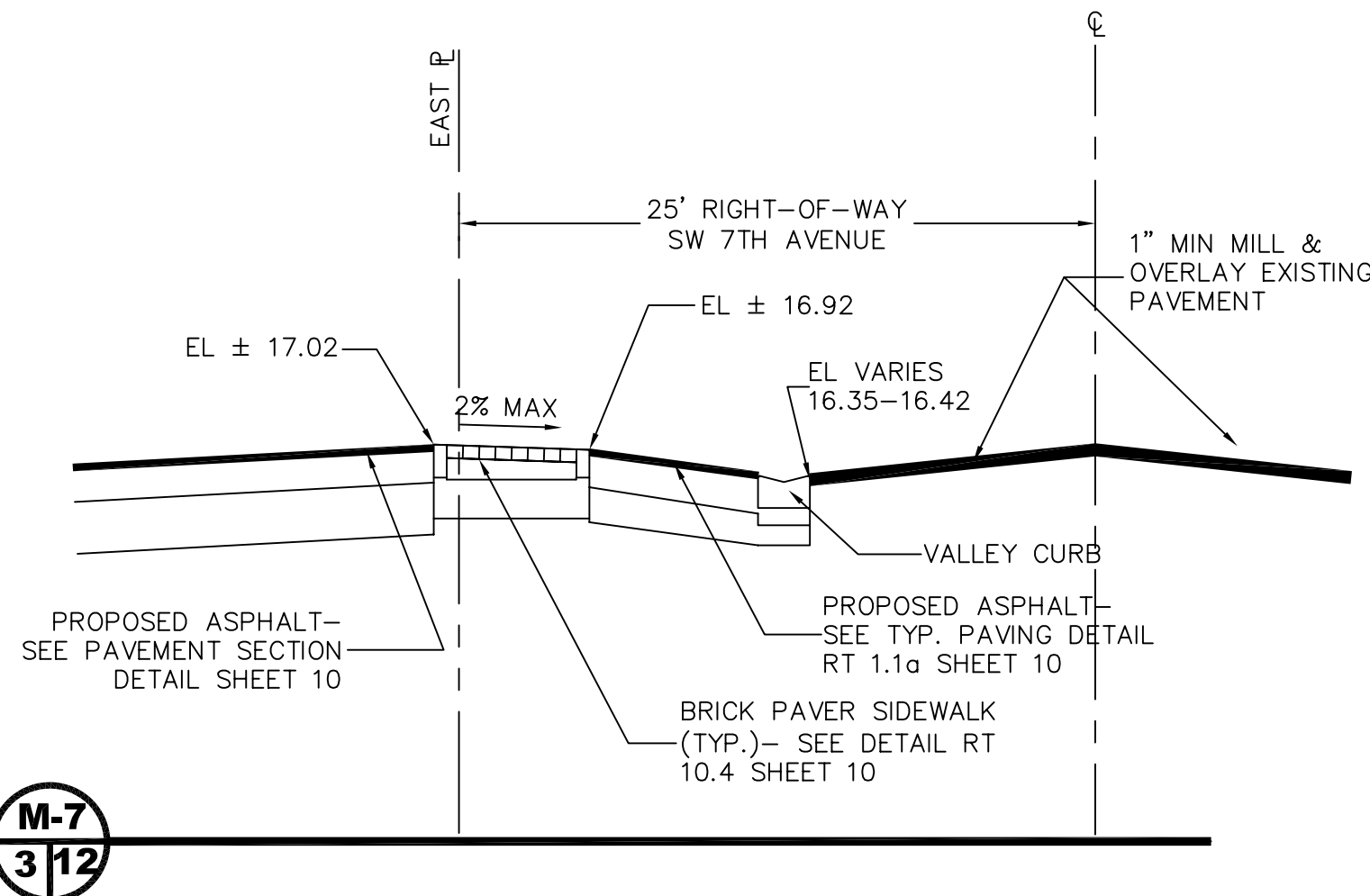
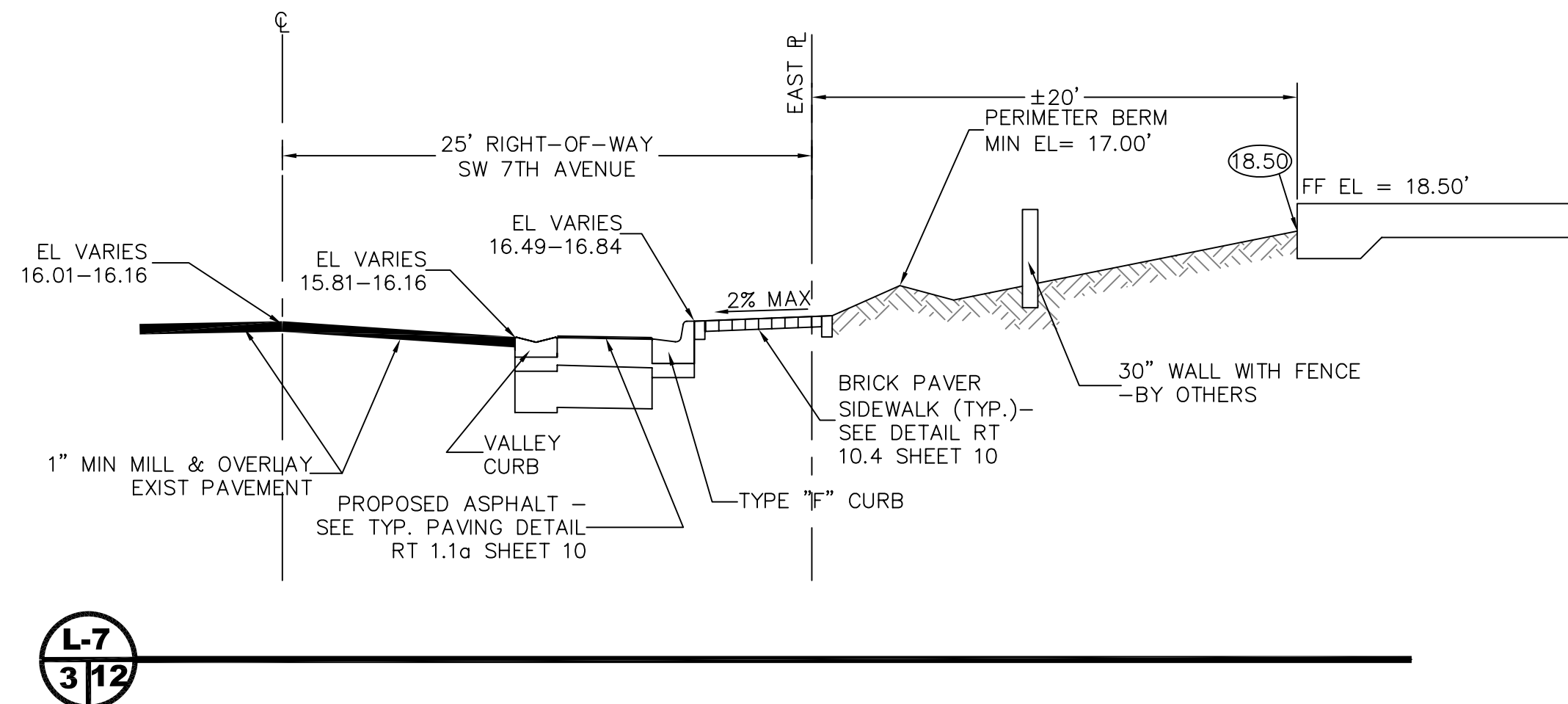
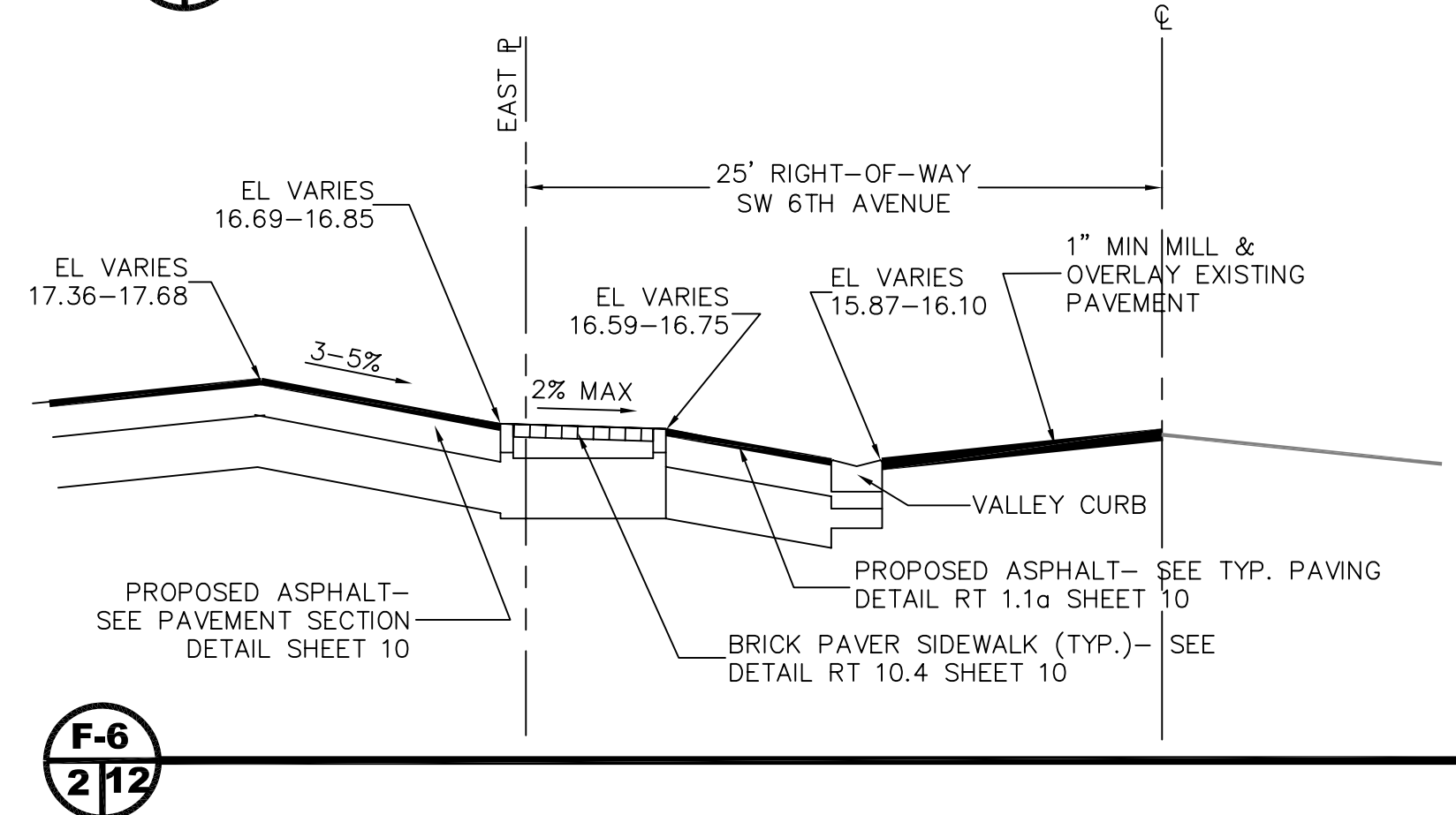
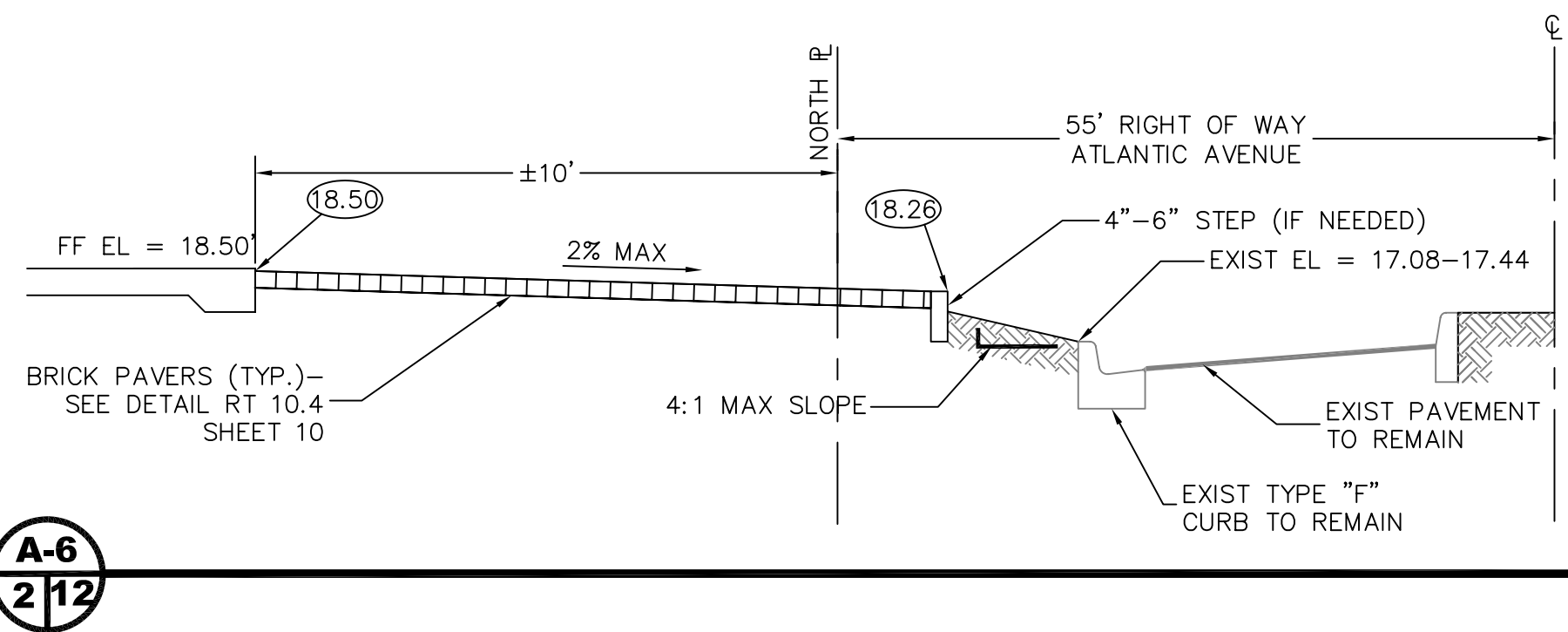
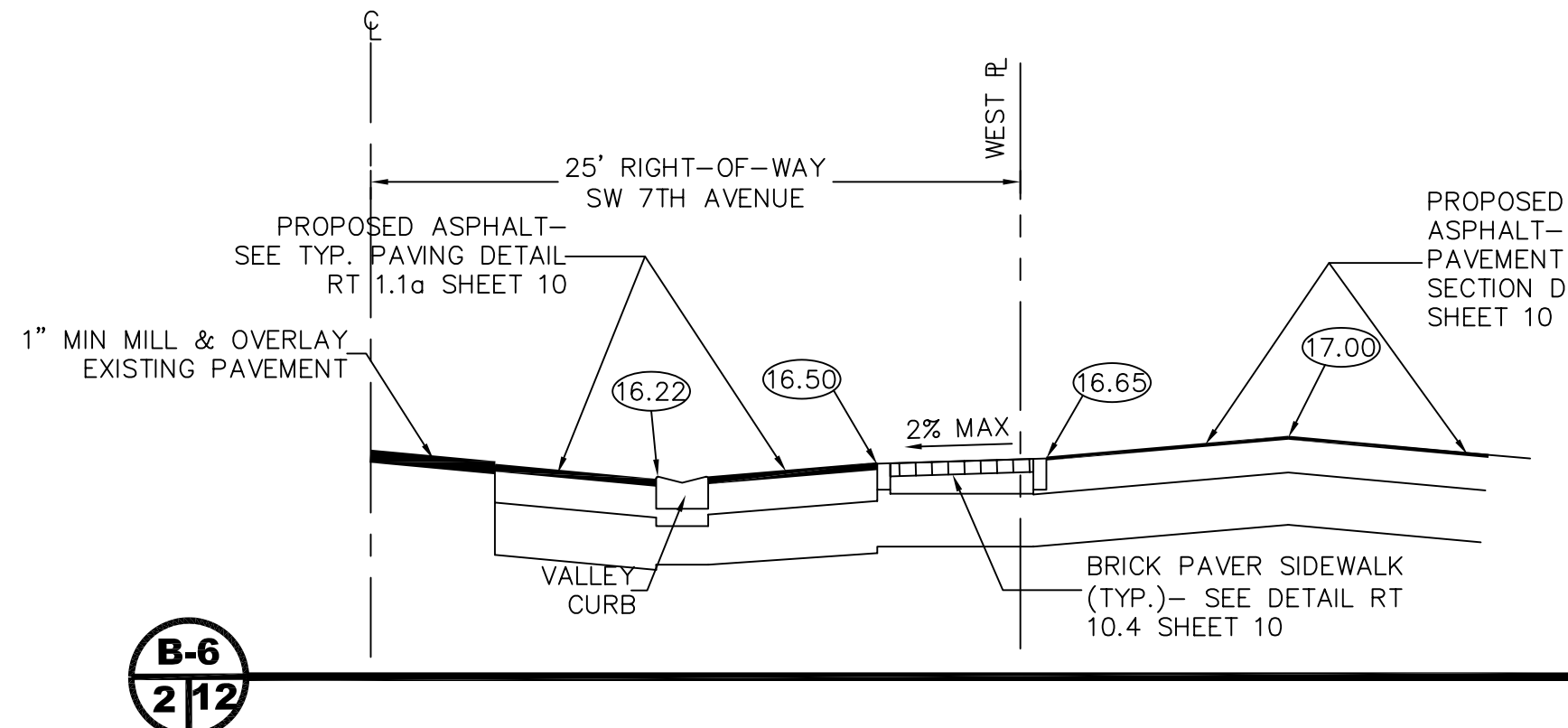
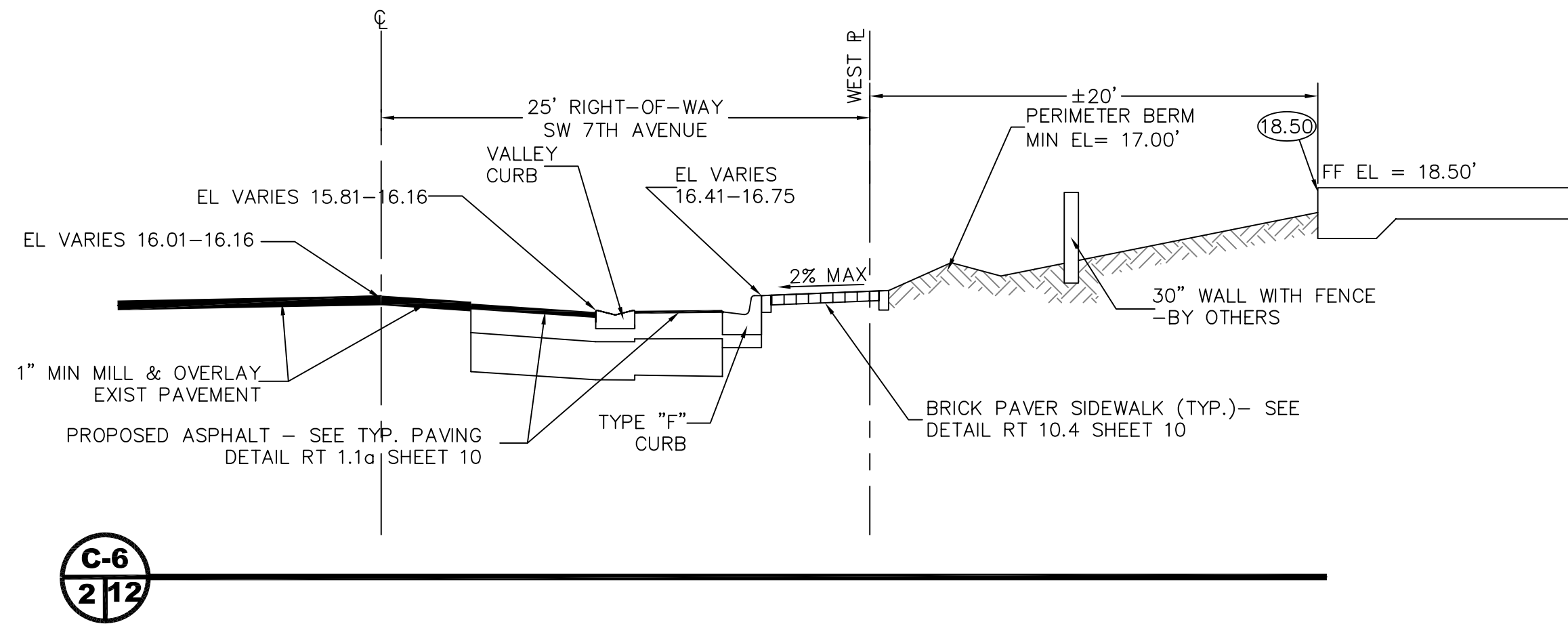
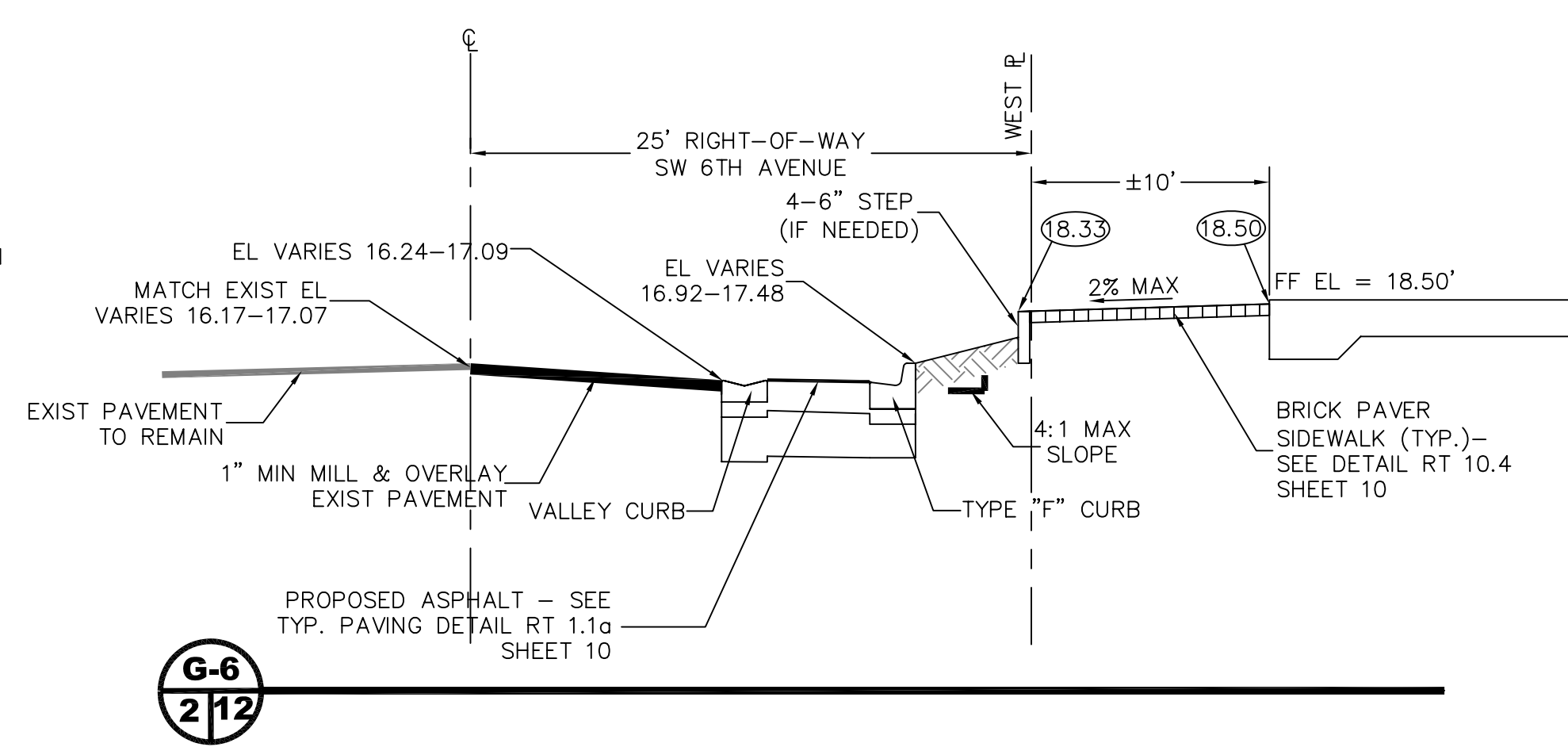
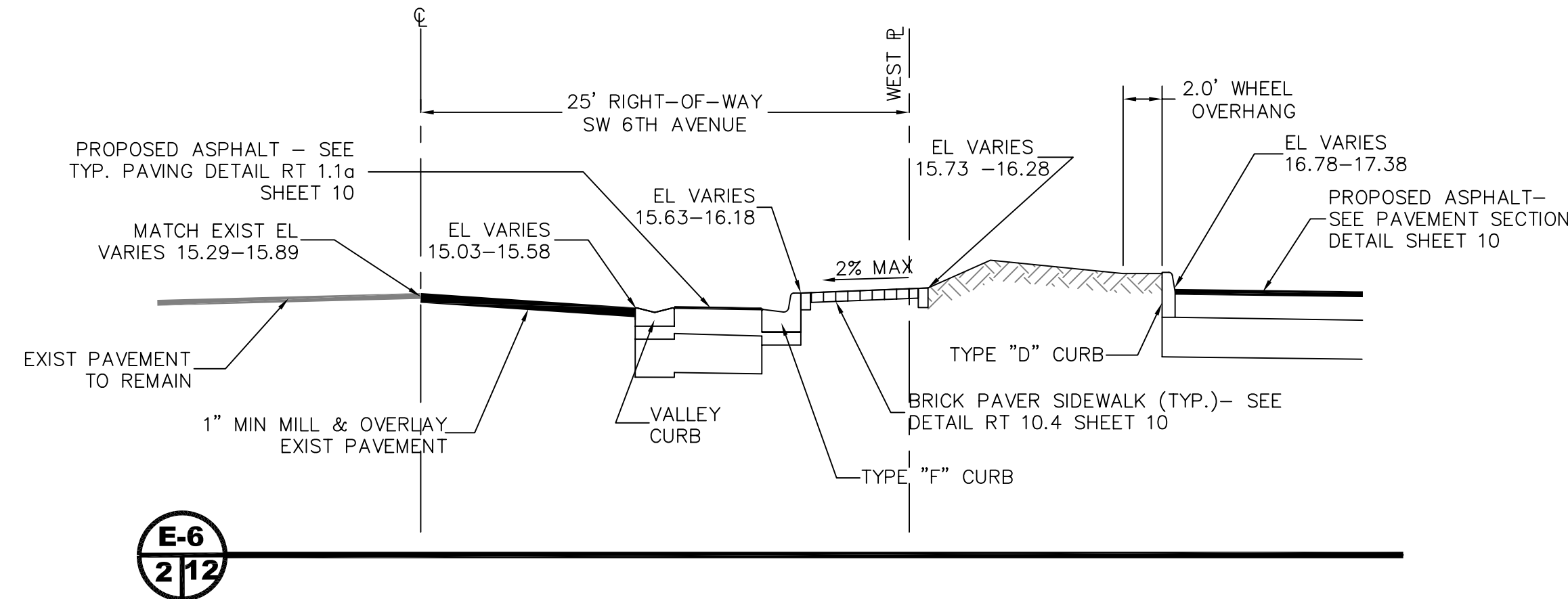
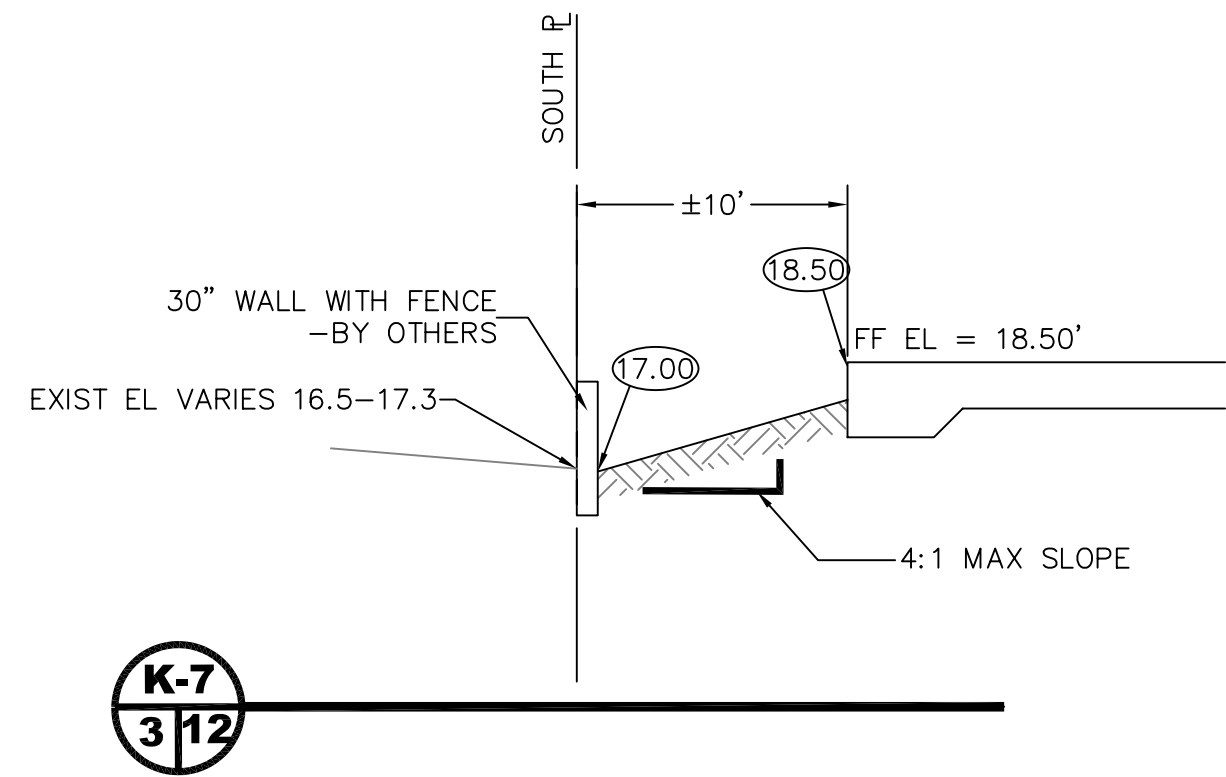
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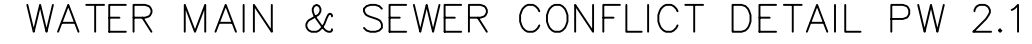
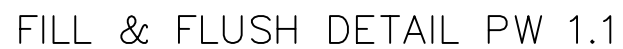
PAVING & DRAINAGE DETAILS FOR:
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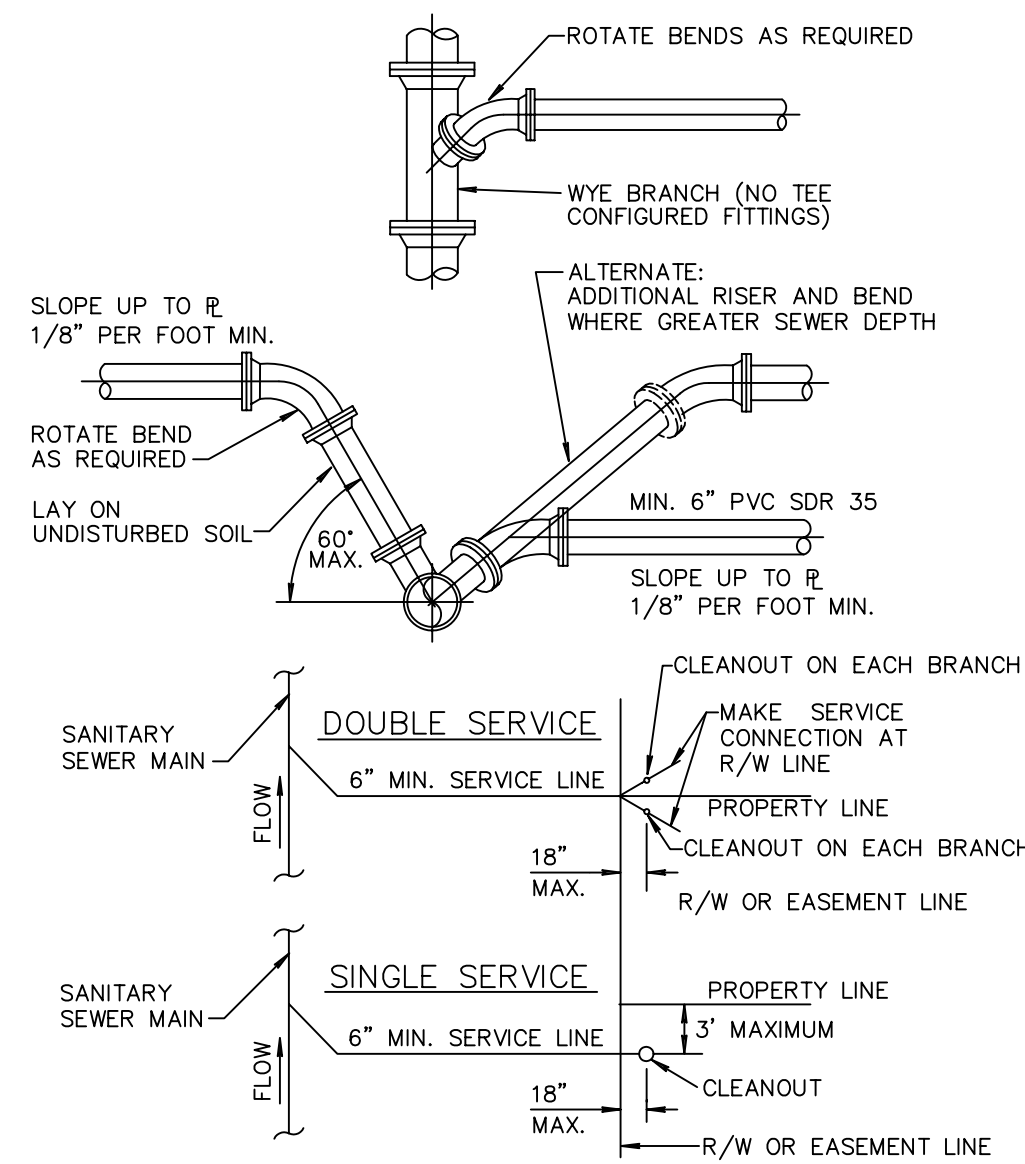
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CAST IRON VALVE BOXES, TWO-PIECE PW 3.2

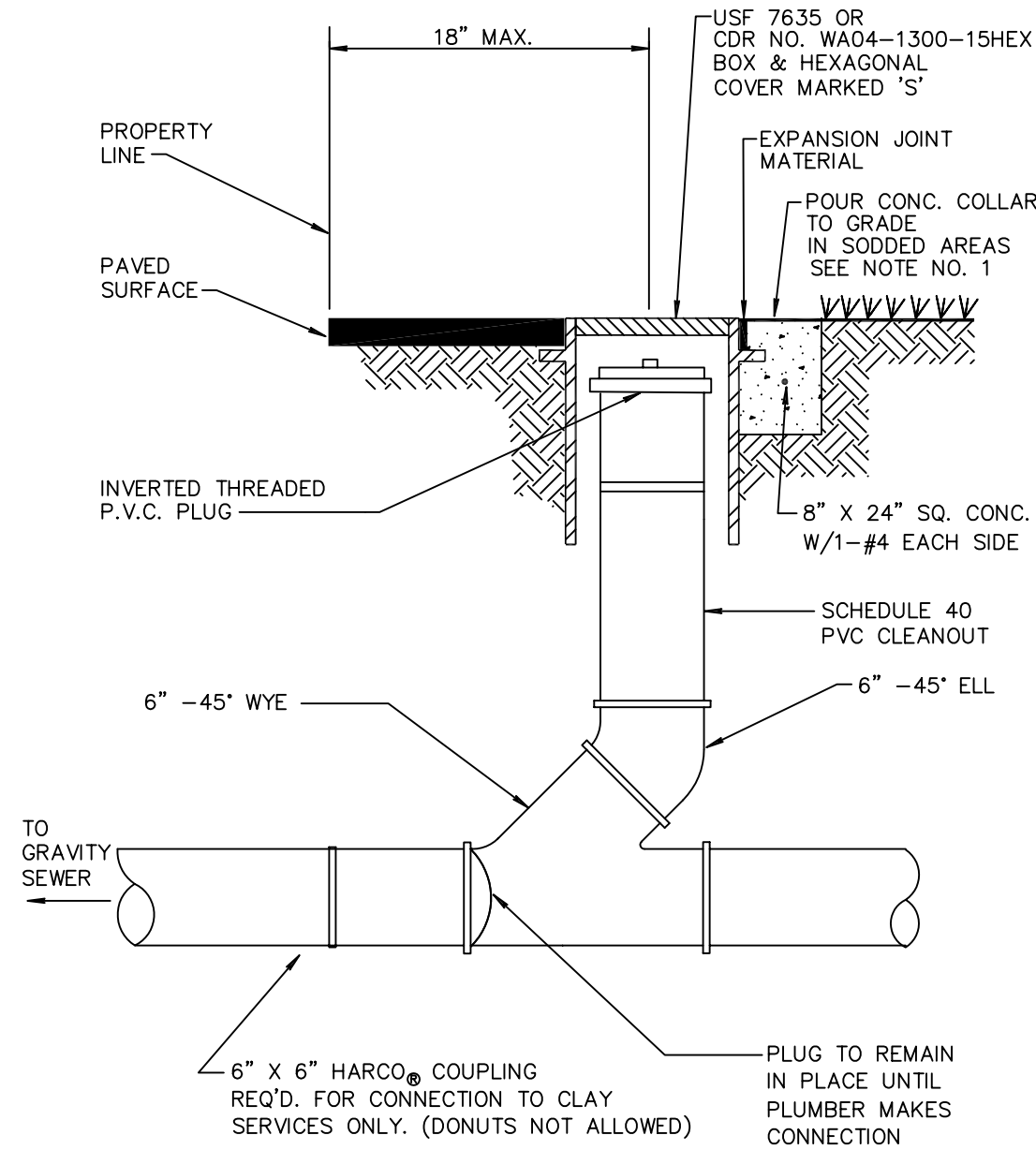




NOTE:

- SERVICE LATERALS SHALL TERMINATE INSIDE PROPERTY LINE A DEPTH OF 3 FEET AND MARKED WITH A 2" X 4" TREATED STAKE.
- CLEANOUT INSTALLATION SHALL BE PROPERTY OWNERS RESPONSIBILITY AND SHALL BE INSTALLED BY LICENSED PLUMBER.
- SEE DETAIL PW 2.1 FOR SEPARATION REQUIREMENTS.

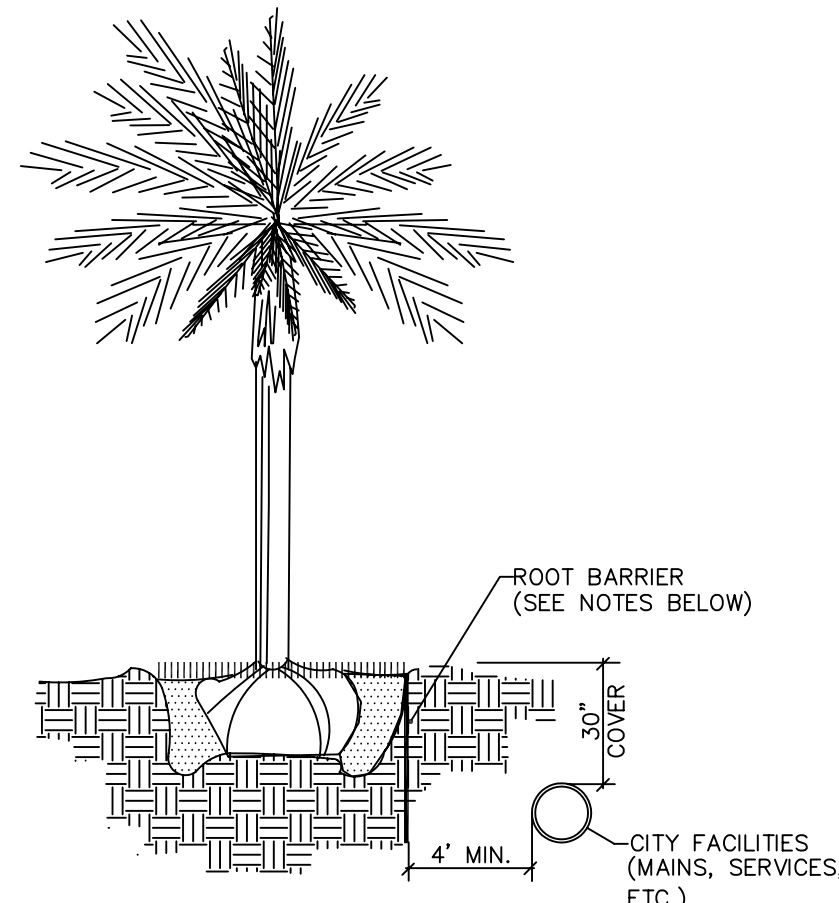
SEWER SERVICE CONNECTIONS WW 4.1



NOTE:

- INVERTED BRASS CAP SHALL BE USED IN GRASS AREAS IN LIEU OF CASTING AND CONE COLLAR.
- MINIMUM DEPTH OF SERVICE LATERAL SHALL BE 3 FEET.

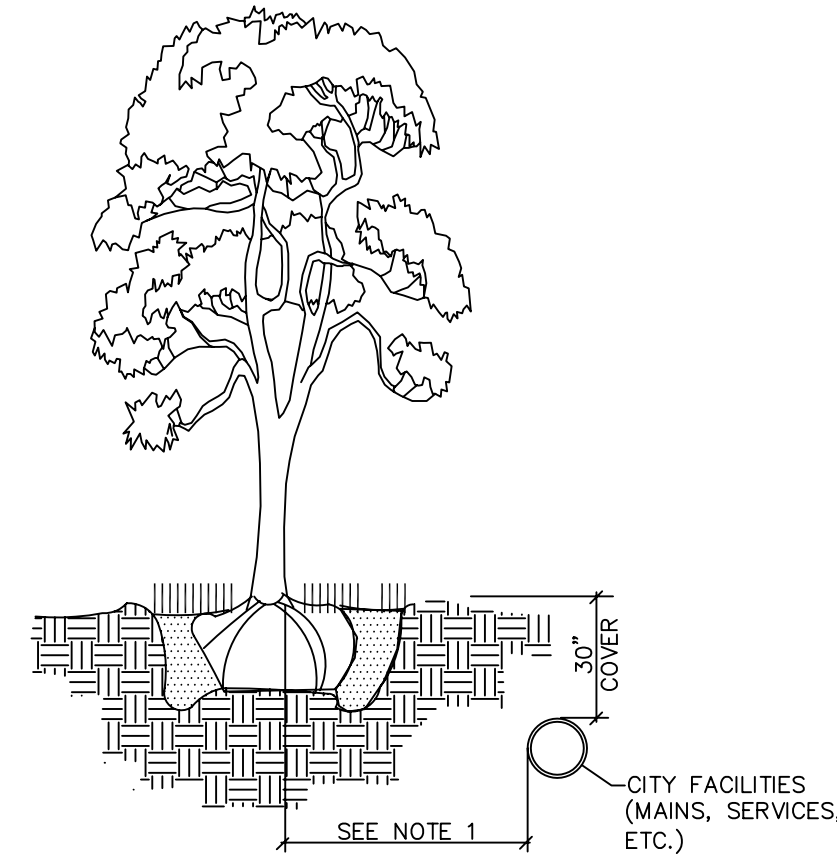
TYPICAL COMMERCIAL CLEANOUT WW 5.2



NOTES:

- ALL ROOT BARRIERS SHALL BE 4' MINIMUM FROM ALL CITY FACILITIES.
- THE INSTALLATION OF ROOT BARRIERS SHALL BE COORDINATED WITH CITY AND INSPECTED BY CITY PRIOR TO BACKFILLING. ALL ROOT BARRIERS SHALL EXTEND UP TO FINISHED GRADE.
- ROOT BARRIERS SHALL BE MINIMUM 36" DEEP. APPROVED PRODUCTS INCLUDE "DEEP ROOT" AND "ROOT SOLUTIONS". FLEXIBLE BARRIERS SHALL BE 36" PANELS MANUFACTURED BY BIOBARRIER.
- ALL ROOT BARRIERS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS WRITTEN INSTRUCTIONS.

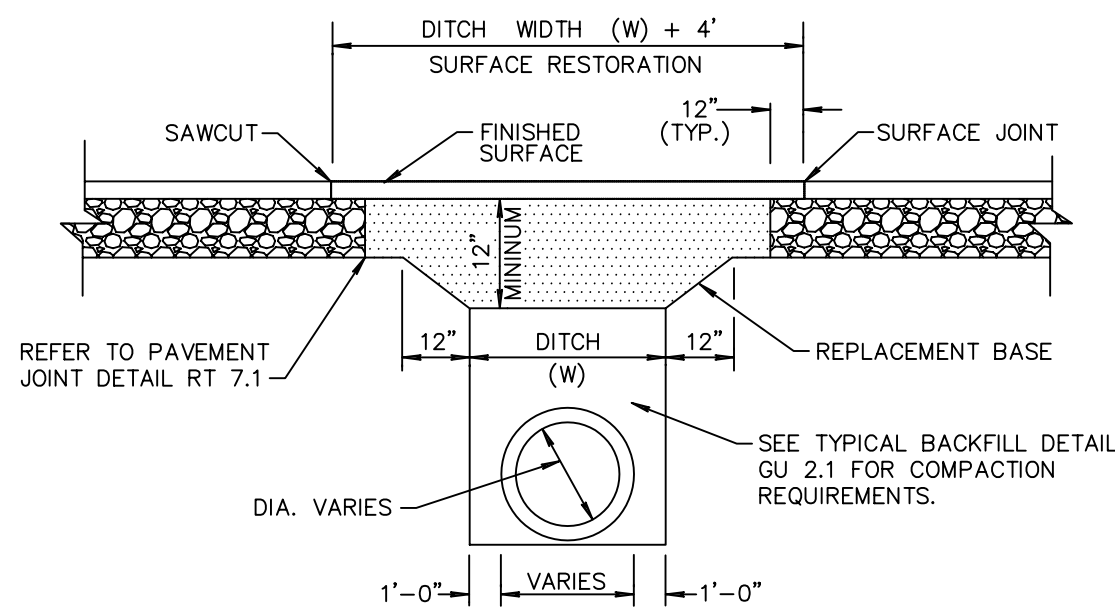
TYPICAL TREE WITH ROOT BARRIER LD 1.1



NOTES:

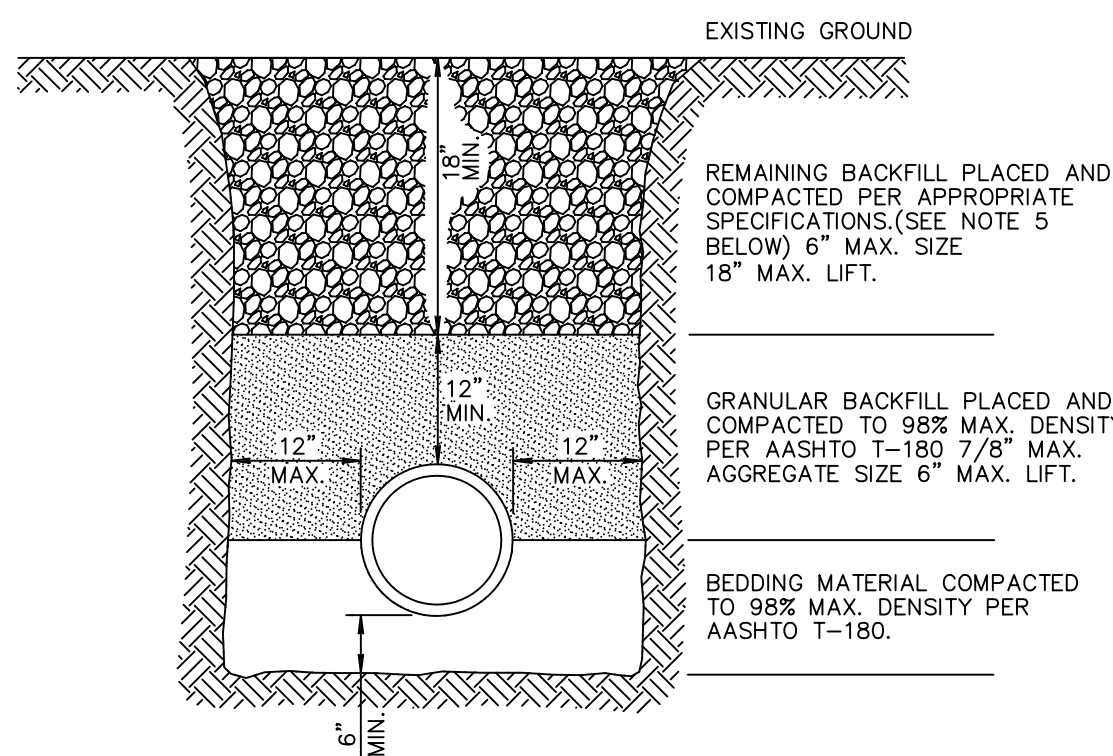
- THIS DISTANCE SHALL BE 10' MINIMUM FROM ALL CITY FACILITIES IF NO ROOT BARRIER IS USED.

TYPICAL TREE WITHOUT ROOT BARRIER LD 1.2



- REPLACEMENT BASE TO BE AT MIN. 12" THICK.
- BASE MATERIAL SHALL BE PLACED IN TWO LIFTS AND EACH LIFT COMPACTED TO 98% MAXIMUM DENSITY PER AASHTO T-180 (MAX. LIFT THICKNESS = 6").
- 12" EXCAVATABLE FLOWABLE FILL MIN. 100 P.S.I. MAY BE USED IN LIEU OF 12" BASE.
- ASPHALT CONCRETE PAVEMENT JOINTS SHALL BE MECHANICALLY SAWED.
- ALL DISTURBED PAVEMENT MARKINGS SHALL BE RESTORED IN ACCORDANCE WITH CITY STANDARDS.
- SURFACE MATERIAL SHALL BE F.D.O.T. TYPE S-I OR S-III ASPHALTIC CONC. (MIN. THICKNESS 1 1/2").
- ANY PAVT. CUTS SHALL BE COLD PATCHED AT END OF EACH WORKING DAY TO FACILITATE UNHINDERED TRAFFIC FLOW.

PAVEMENT REPAIR DETAIL GU 1.1



NOTES:

- UNSUITABLE IN-SITU MATERIALS SUCH AS MUCK, DEBRIS AND LARGE ROCKS SHALL BE REMOVED. BEDDING MATERIAL AND BACKFILL CONSISTING OF WASHED AND GRADED LIMEROCK 3/8" - 7/8" SIZING.
- THE PIPE AND/OR STRUCTURE SHALL BE FULLY SUPPORTED FOR ITS ENTIRE LENGTH WITH APPROPRIATE COMPACTION UNDER THE PIPE HAUNCHES.
- THE PIPE AND/OR STRUCTURE SHALL BE PLACED IN A DRY TRENCH.
- BACKFILL SHALL BE FREE OF UNSUITABLE MATERIAL SUCH AS LARGE ROCK, MUCK, AND DEBRIS.
- COMPACT BACKFILL TO 98% DENSITY UNDER PAVEMENT AND TO 95% DENSITY ELSEWHERE (AASHTO T-180).
- COMPACTION AND DENSITY TESTS SHALL BE COMPLETED DURING BACKFILL OPERATIONS. CONTRACTORS NOT FOLLOWING THIS PROCEDURE, FOR WHATEVER REASONS, SHALL BE REQUIRED TO RE-EXCAVATE THE AREA IN QUESTION, DOWN TO THE BEDDING MATERIAL, THEN BACKFILL FOLLOWING THE ABOVE PROCEDURES.

TYPICAL BACKFILL DETAIL GU 2.1



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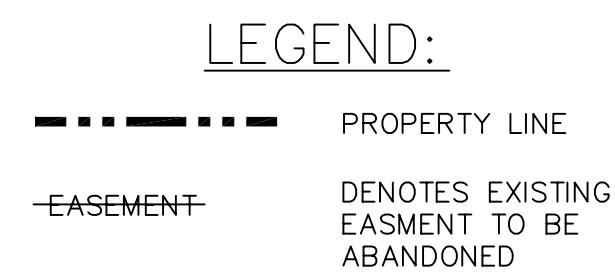
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WATER & WASTEWATER DETAILS FOR:
UPTOWN ATLANTIC
600-800 WEST ATLANTIC AVENUE
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- | <u>EASEMENT NOTES:</u> | |
|------------------------|--|
| 1. | ALL EXISTING ON-SITE EASEMENTS TO BE ABANDONED. |
| 2. | ALL PROPOSED EASEMENTS TO BE PROVIDED AS SHOWN AND AS REQUIRED BY UTILITY PROVIDERS. |
| 3. | ALL RIGHT-OF-WAY DEDICATIONS TO BE PROVIDED AS SHOWN. |
| 4. | GENERAL UTILITY EASEMENTS SHALL BE PROVIDED AS COORDINATED WITH FPL. |

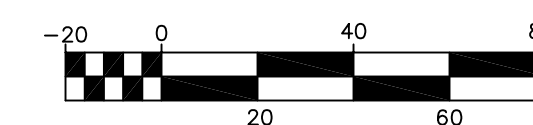
**NOTE: CONTRACTOR TO FIELD
VERIFY EXACT LOCATION, SIZE, AND
DEPTH OF ALL EXISTING UTILITIES
AT TIME OF CONSTRUCTION AND
REPORT ANY DISCREPANCIES TO
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SCALE: 1" = 40'



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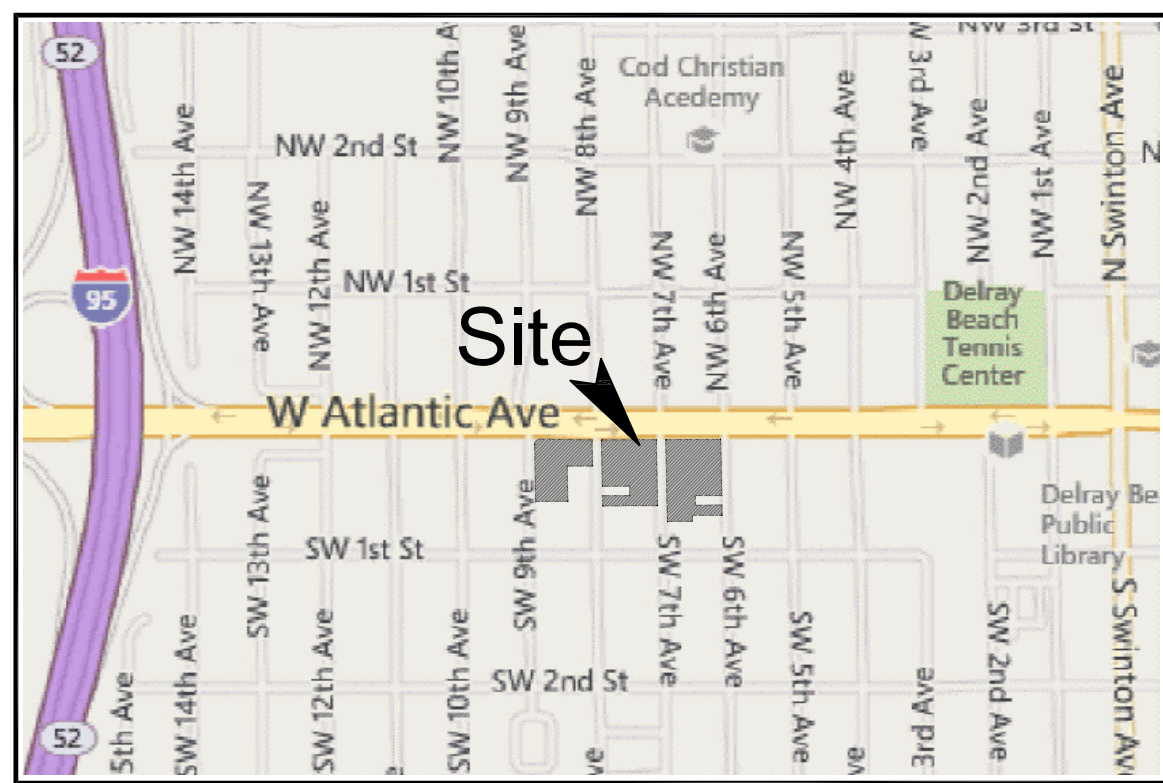
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EASEMENT COORDINATION PLAN FOR:
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DELRAY BEACH, FLORIDA

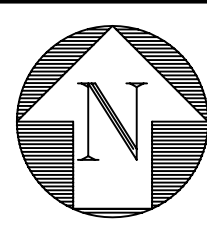
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		12/15/15	SITE PLAN REVISIONS/PERMIT SUBMITTAL	BAB
JOSEPH A. PIKE, P.E. FL REC # 425996				



LOCATION MAP
N.T.S.



- DEMOLITION NOTES:**
1. THE CONTRACTOR SHALL COORDINATE THE REMOVAL OF ALL EXISTING ON-SITE UTILITIES WITH THE UTILITY PROVIDERS PRIOR TO REMOVAL OF ANY UTILITIES.
 2. THE CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF ALL EXISNG ON-SITE IMPROVEMENTS IN ACCORDANCE WITH ALL APPLICABLE REGULATORY AGENCY REQUIREMENTS. NO DEBRIS SHALL BE BURIED ON-SITE.
 3. THE CONTRACTOR SHALL PLUG/CAP ALL EXISTING WATER AND SEWER SERVICES NOT TO REMAIN AT THE MAIN AND REMOVE ALL ABANDONED LINES.
 4. THE CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF ALL EXISTING PRIVATE DRAINAGE. NO EXISTING DRAINAGE SHALL REMAIN UNDERGROUND, INCLUDING, BUT NOT LIMITED TO, ANY EXISTING EXFILTRATION TRENCH, STORM PIPE, OR CATCH BASINS.
 5. THE CONTRACTOR SHALL REMOVE AND PROPERLY DISPOSE OF ALL EXISTING PAVEMENT AND BASE MATERIALS. EXISTING BASE MATERIALS MAY BE RECYCLED ON-SITE AS SUBGRADE STABILIZER BUT SHALL NOT BE REUTILIZED AS A PAVING BASE MATERIAL.
 6. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED DEMOLITION PERMITS.
 7. THE CONTRACTOR SHALL PROVIDE DUST AND POLLUTION PREVENTION MEASURES PRIOR TO, AND MAINTAIN DURING, ANY DEMOLITION WORK. SEE DETAILS ON SHEET 17.
 8. TRENCH RESTORATION ASSOCIATED WITH DEMOLITION SHALL BE PERFORMED IN ACCORDANCE WITH THE TRENCH RESTORATION DETAILS INCLUDED ON SHEET 13.
 9. THE CONTRACTOR SHALL BE RESPONSIBLE TO ENSURE SOILS IN THE AREA OF CONTAMINATED SOILS, AS DESIGNATED BY OTHERS, ARE HANDLED AS REQUIRED BY REGULATORY AGENCIES. NO WORK SHALL BE PERFORMED IN THESE AREAS WITHOUT PRIOR APPROVAL FROM REGULATORY AGENCIES.

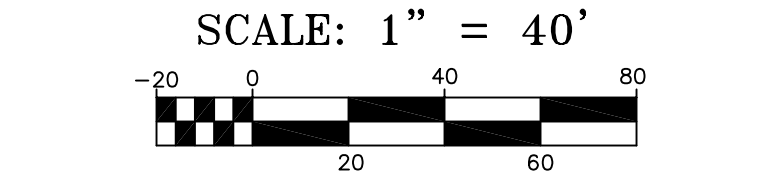
LEGEND:

- PROPERTY LINE
- [Hatched Box] DENOTES AREA OF CONTAMINATED SOILS
- [Hatched Box] DENOTES EXIST IMPROVEMENTS TO BE REMOVED

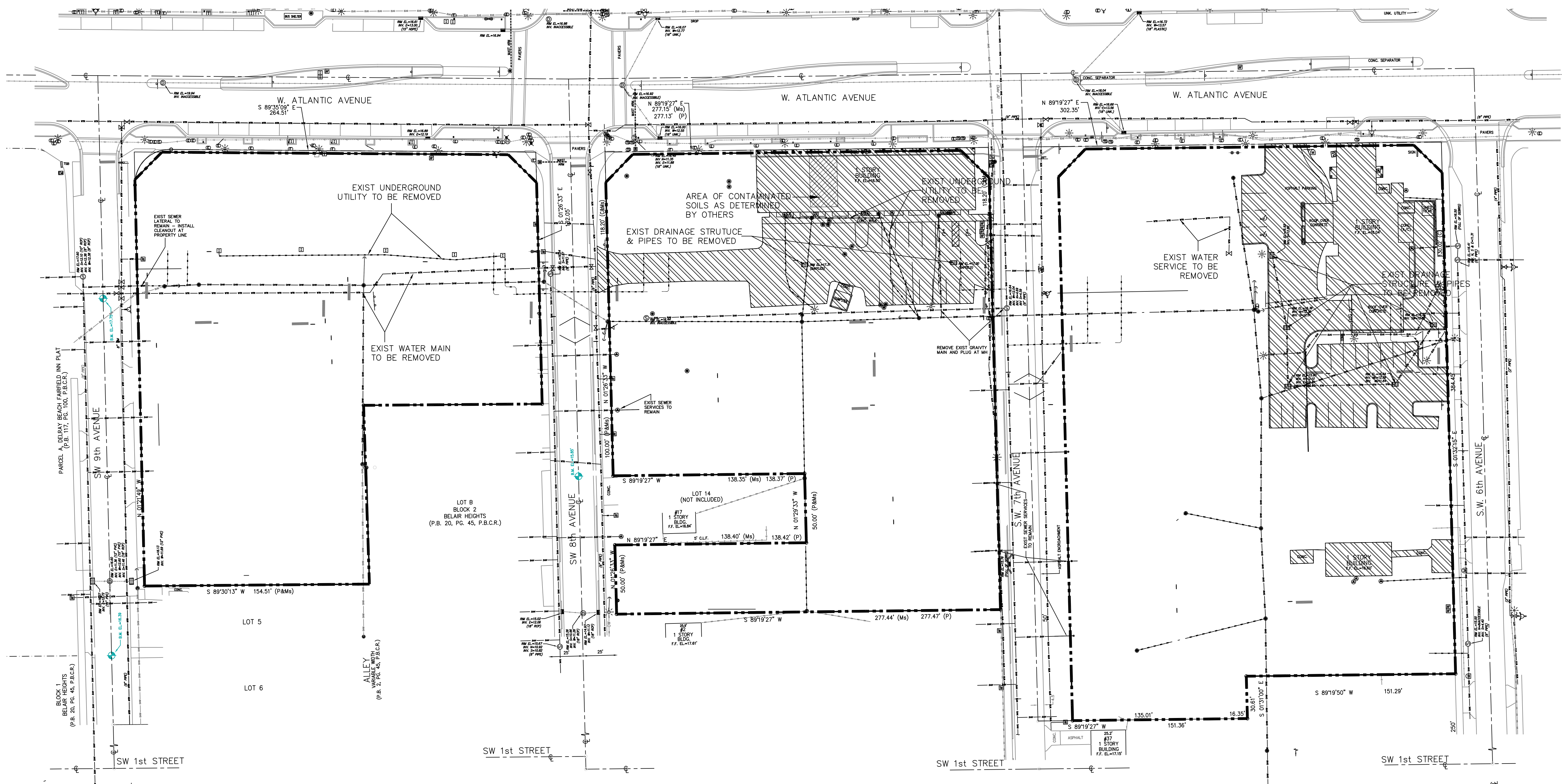


NOTE: CONTRACTOR TO FIELD
VERIFY EXACT LOCATION, SIZE, AND
DEPTH OF ALL EXISTING UTILITIES
AT TIME OF CONSTRUCTION AND
REPORT ANY DISCREPANCIES TO
ENVIRODESIGN ASSOCIATES, INC.

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DEMOLITION PLAN FOR:
UPTOWN ATLANTIC
600-800 WEST ATLANTIC AVENUE
DELRAY BEACH, FLORIDA

EnviroDesign Associates Inc.
www.envirodesign.com
ENGINEERS • ENVIRONMENTAL CONSULTANTS
FLORIDA CERTIFICATE OF AUTHORIZATION No. 6506
298 Pineapple Grove Way Delray Beach, Florida 33444
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B.A.B.

CHECKED:
J.A.P.

DATE:
12/14/15

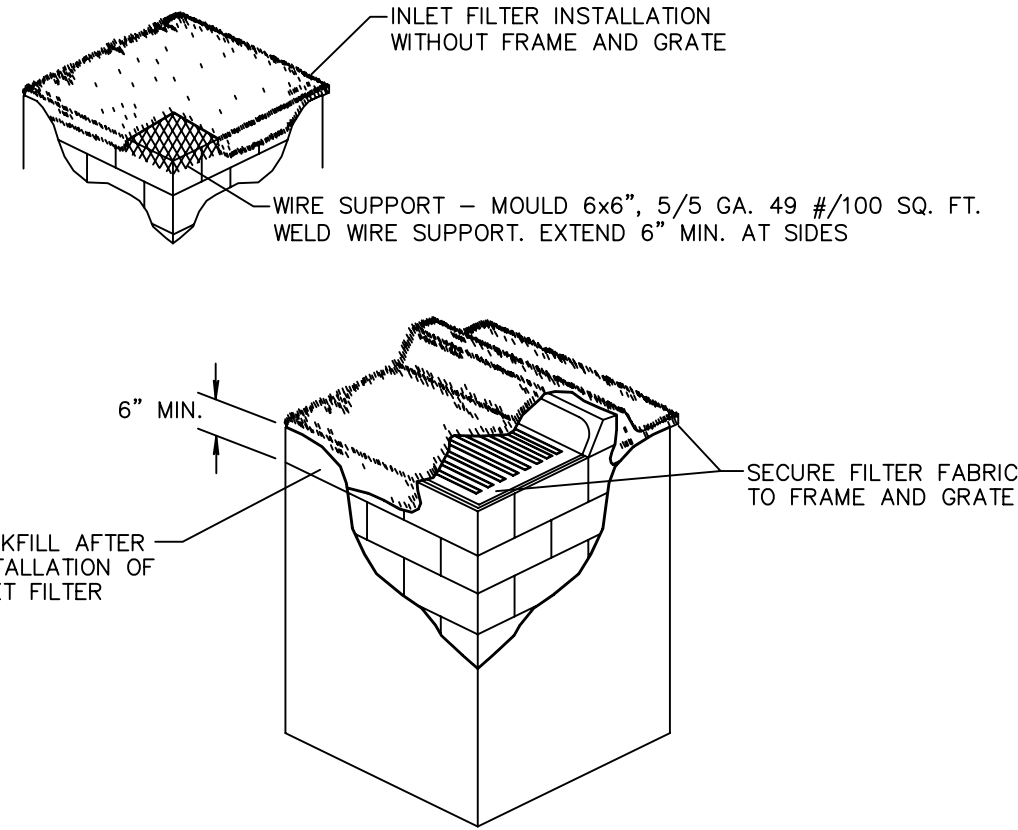
JOB NO.
14059-ENG

SHEET NO.
16 OF 17

NOT VALID WITHOUT
ENGINEER'S SEAL

NO. DATE REVISIONS:
3/6/15 SITE PLAN REVISIONS
12/15/15 PERMIT SUBMITTAL

JOSEPH A. PIKE, P.E.
FL REG # 42696



NOTES:

1. CONTRACTOR IS TO CLEAN INLET FILTER AFTER EVERY STORM.
2. CONTRACTOR TO REMOVE FABRIC JUST PRIOR TO PAVING.

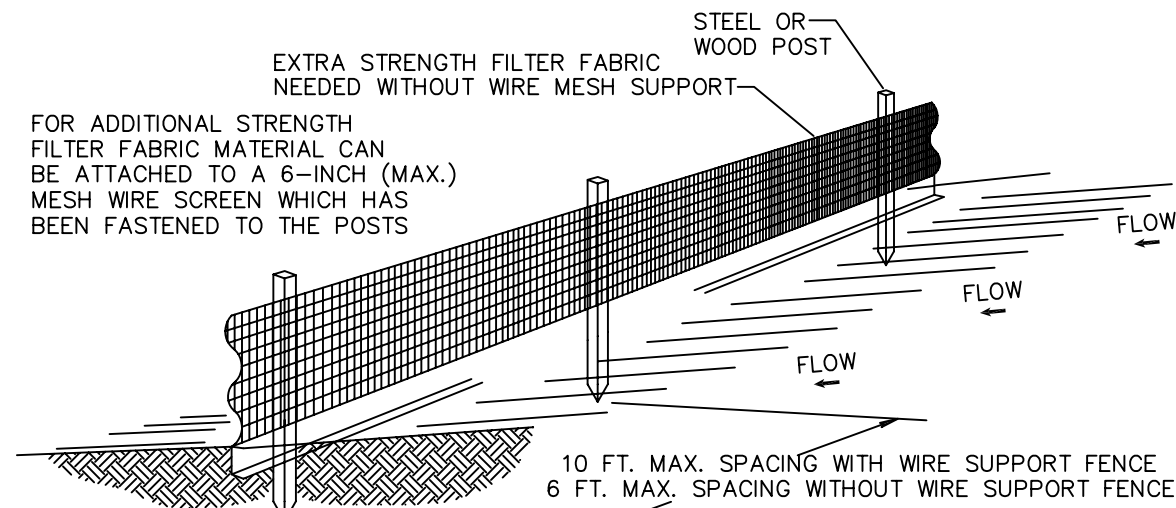
A SEDIMENT TRAP WILL BE EXCAVATED BEHIND THE CURB AT THE INLET. THE BASIN SHALL BE AT LEAST 12 TO 14 INCHES IN DEPTH, APPROXIMATELY 36 INCHES IN WIDTH, AND APPROXIMATELY 7 TO 10 FEET IN LENGTH PARALLEL TO THE CURB.

STORM WATER WILL REACH THE SEDIMENT TRAP VIA CURB CUTS ADJACENT TO EACH SIDE OF THE INLET STRUCTURE. THESE OPENINGS SHALL BE AT LEAST 12 INCHES IN LENGTH. STORM WATER MAY ALSO REACH THE BASIN VIA OVERLAND FLOW LAND AREA BEHIND THE CURB. THE CURB CUTS SHALL BE REPAIRED WHEN THE SEDIMENT TRAP IS REMOVED.

INLET FILTER DETAIL D 8.1

1. THE INTENT OF EROSION CONTROL MEASURES INDICATED GRAPHICALLY ON PLANS IS TO PROVIDE A BARRIER TO CONTAIN SILT AND SEDIMENT ON THE PROJECT SITE. THIS REPRESENTATION IS PROVIDED FOR THE CONVENIENCE OF THE CONTRACTOR. THE TEST OF EROSION CONTROL EFFECTIVENESS IS NOT TO BE DETERMINED BY ADHERENCE TO THE REPRESENT SET FORTH ON THE DRAWINGS AND SPECIFICATIONS, BUT BY MEETING THE REGULATIONS SET FORTH BY THE AUTHORITY HAVING JURISDICTION OVER WATER QUALITY CONTROL AND OTHER SEDIMENTATION RESTRICTION REQUIREMENTS IN THE REGION.
2. APPROVED EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY CLEARING, GRADING, EXCAVATION, FILLING, OR OTHER LAND DISTURBANCE ACTIVITIES, EXCEPT THOSE OPERATIONS NEEDED TO INSTALL SUCH MEASURES.
3. INSPECTION OF ALL EROSION CONTROL MEASURES SHALL BE CONDUCTED WEEKLY, OR AFTER EACH RAINFALL EVENT. REPAIR, AND/OR REPLACEMENT OF SUCH MEASURES SHALL BE MADE PROMPTLY, AS NEEDED.
4. KEEP DUST WITHIN TOLERABLE LIMITS BY SPRINKLING OR OTHER ACCEPTABLE MEANS.
5. ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES MAY BE REQUIRED IF DEEMED NECESSARY BY ONSITE INSPECTION.
6. FAILURE TO PROPERLY INSTALL AND MAINTAIN EROSION CONTROL PRACTICES SHALL RESULT IN CONSTRUCTION BEING HALTED.
7. DRAINAGE INLETS SHALL BE PROTECTED BY FILTER AND GRADED ROCK AS PER INLET PROTECTION DETAIL.
8. ANY ACCESS ROUTES TO SITE SHALL BE BASED WITH CRUSHED STONE, WHERE PRACTICAL.
9. EROSION CONTROL MEASURES ARE TO BE MAINTAINED UNTIL PERMANENT GROUND COVER IS ESTABLISHED.
10. WHENEVER FEASIBLE, NATURAL VEGETATION SHALL BE RETAINED AND PROTECTED.
11. ALL WORK IS TO BE IN COMPLIANCE WITH THE RULES AND REGULATIONS SET FORTH BY THE STATE OF FLORIDA, DEPARTMENT OF ENVIRONMENTAL PROTECTION AND THE CITY OF DELRAY BEACH.
12. DISCHARGE FROM DEWATERING OPERATIONS SHALL BE RETAINED ONSITE IN A CONTAINMENT AREA.

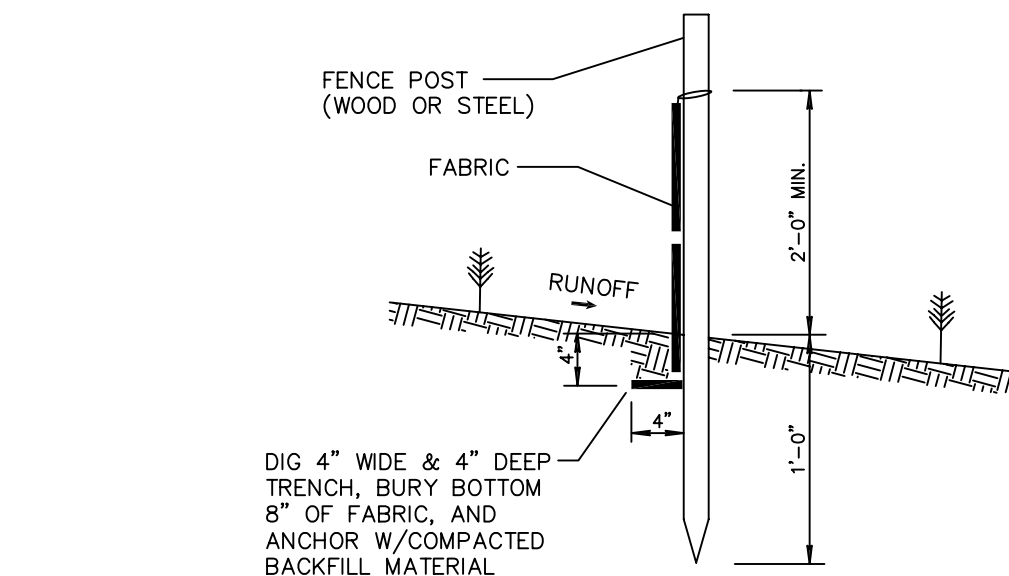
EROSION CONTROL NOTES DETAIL D9.1



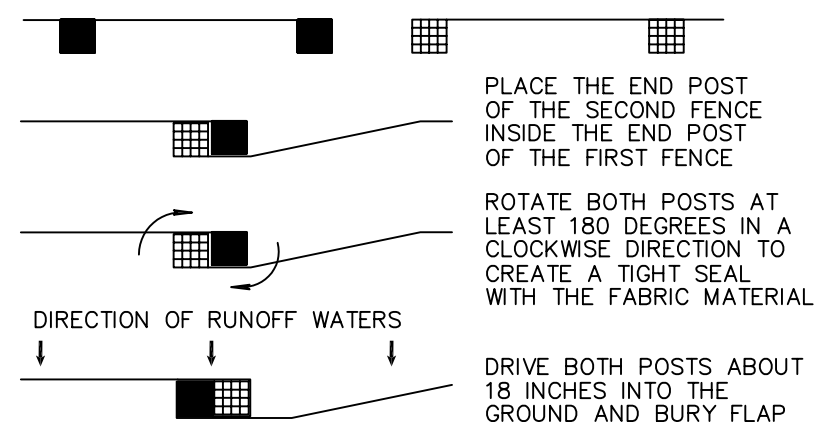
NOTES:

1. THE HEIGHT OF A SILT FENCE SHALL NOT EXCEED 36 INCHES (90 CM).
2. THE FILTER FABRIC SHALL BE PURCHASED IN A CONTINUOUS ROLL CUT TO THE LENGTH OF THE BARRIER TO AVOID THE USE OF JOINTS.
3. POSTS SHALL BE SPACED A MAXIMUM OF 10 FEET (3 M) APART AT THE BARRIER LOCATION AND DRIVEN SECURELY INTO THE GROUND A MINIMUM OF 12 INCHES (30 CM). WHEN EXTRA STRENGTH FABRIC IS USED WITHOUT THE WIRE SUPPORT FENCE, POST SPACING SHALL NOT EXCEED 6 FEET (1.8 M).
4. A TRENCH SHALL BE EXCAVATED APPROXIMATELY 4 INCHES (10 CM) WIDE AND 4 INCHES (10 CM) DEEP ALONG THE LINE OF POSTS AND UPSLOPE FROM THE BARRIER.
5. WHEN STANDARD STRENGTH FILTER FABRIC IS USED, A WIRE MESH SUPPORT FENCE SHALL BE FASTENED SECURELY TO THE UPSLOPE SIDE OF THE POSTS USING HEAVY DUTY WIRE STAPLES AT LEAST 1 INCH (25 MM) LONG, THE WIRE SHALL BE STAPLED TO THE TRENCH A MINIMUM OF 2 INCHES (5 CM) AND SHALL NOT EXTEND MORE THAN 36 INCHES (90 CM) ABOVE THE ORIGINAL GROUND SURFACE.
6. THE STANDARD STRENGTH FILTER FABRIC SHALL BE STAPLED OR WIRED TO THE FENCE, AND 8 INCHES (20 CM) OF THE FABRIC SHALL BE EXTENDED INTO THE TRENCH. THE FABRIC SHALL NOT EXTEND MORE THAN 36 INCHES (90 CM) ABOVE THE ORIGINAL GROUND SURFACE.
7. THE TRENCH SHALL BE BACKFILLED AND THE SOIL COMPACTED OVER THE FILTER FABRIC.
8. ALL PROJECTS REQUIRE SUBMITTAL OF POLLUTION PREVENTION PLAN (PPP).
9. ALL PROJECTS 1 AC. OR MORE MUST SUBMIT NOTICE OF INTENT (NOI) TO FDEP.

SILT FENCE INSTALLATION DETAIL D 9.1a
Sheet 1 of 2

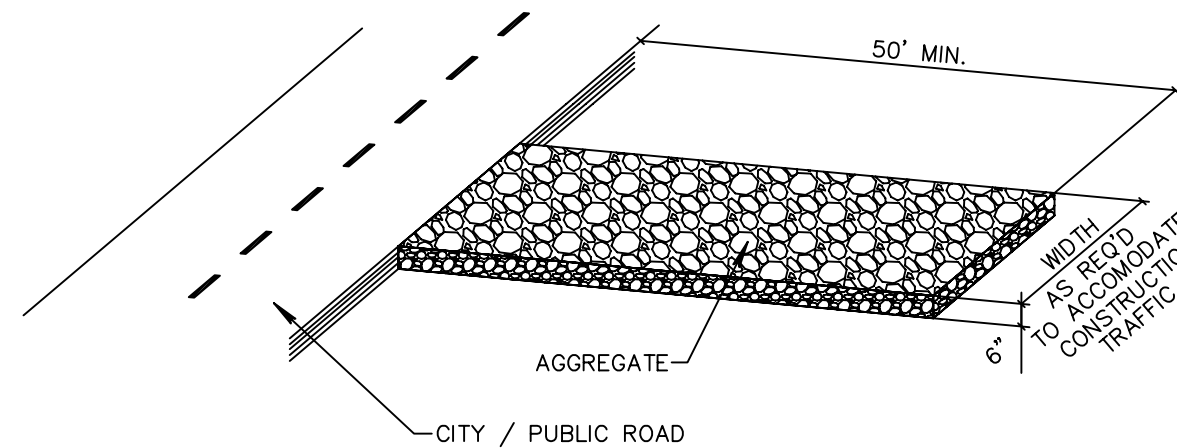


SILT FENCE SECTION
NOT TO SCALE



ATTACHING TWO SILT FENCES
NOT TO SCALE

SILT FENCE INSTALLATION DETAIL D 9.1b
Sheet 2 of 2



NOTE:

A CONSTRUCTION ENTRANCE SHALL BE CONSTRUCTED AND CONTAIN AN AGGREGATE LAYER (FDOT AGGREGATE NO.1), AT LEAST 6-INCHES THICK. IT MUST EXTEND TO THE WIDTH OF THE VEHICULAR INGRESS AND EGRESS AREA.

STABILIZED CONSTRUCTION ENTRANCE DETAIL D9.1C

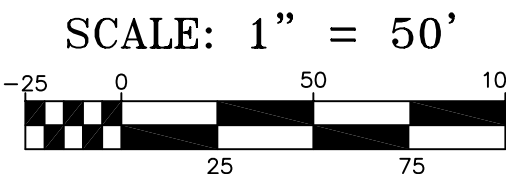
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