



15 **PROPOSED COLOR IMAGE**



16 **PROPOSED COLOR IMAGE**



17 **PROPOSED COLOR IMAGE**



18 **PROPOSED COLOR IMAGE**



19 **PROPOSED COLOR IMAGE**



20 **PROPOSED COLOR IMAGE**

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Carlos Pizarro, R.A.  
AR - 0013079

Revisions:
10/02/2018     FINAL TAC REV.2

OWNER/ DEVELOPER:  
**CHAI DEVELOPERS LIMITED**  
101 S.STATE RD 7  
HOLLYWOOD, FLORIDA 33023

PROJECT:  
**ELI'S SHOPPING CENTER**  
101 S.STATE RD 7  
HOLLYWOOD, FLORIDA 33023

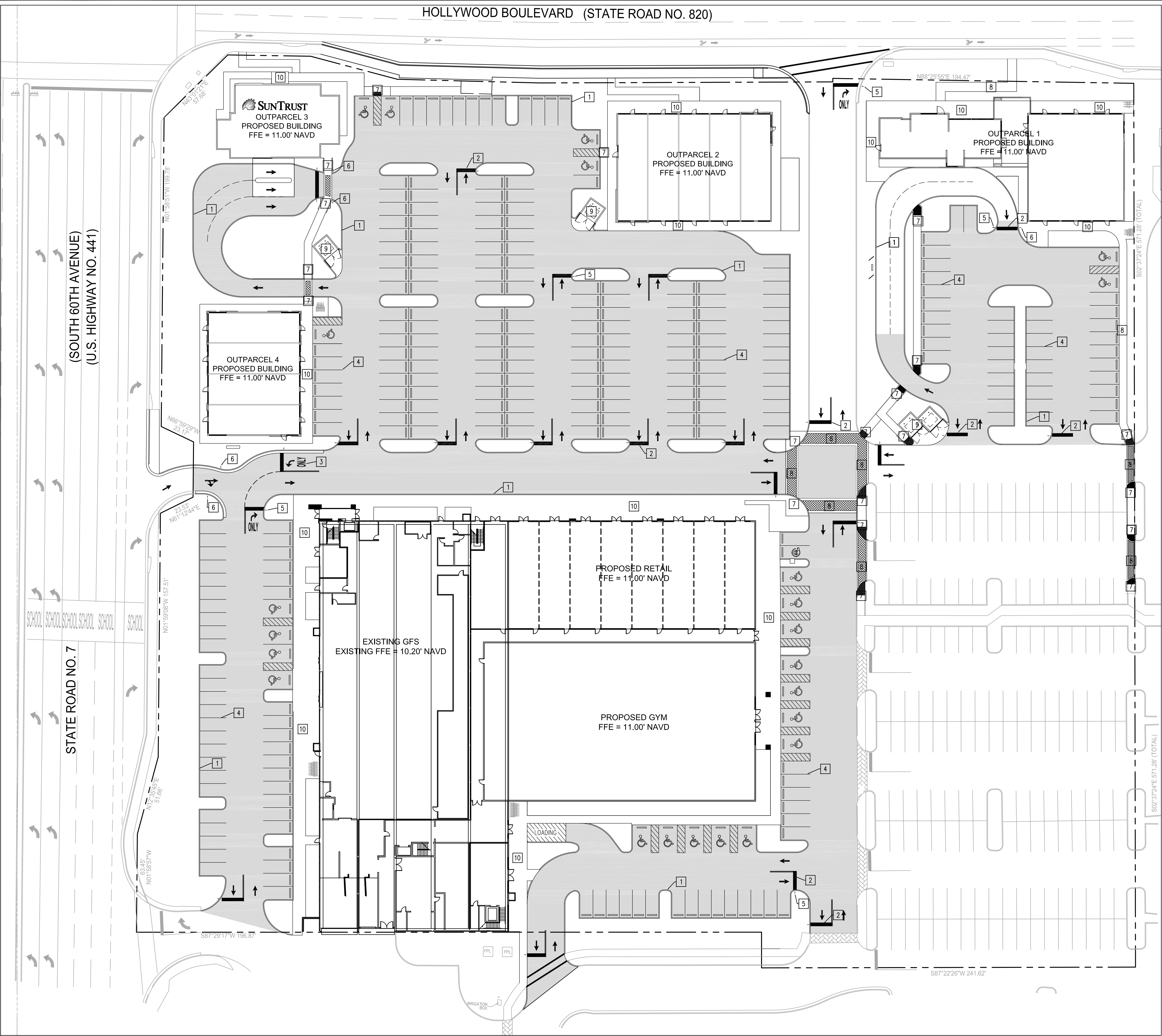
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Issued Date:	
Drawn by:	JC / LO
Checked by:	CC / CP

SHEET NAME  
**COLOR  
IMAGES**

SHEET NUMBER  
**A-17.0**

FINAL TAC





KEYNOTES:

- 1 NEW TYPE "D" CURB, TYPICAL ENTIRE PROJECT
- 2 NEW 24" WHITE THERMOPLASTIC STOP BAR, TYPICAL ALL STOP CONDITIONS
- 3 NEW THERMOPLASTIC DIRECTIONAL ARROWS AND TEXT, TYPICAL ALL STOP CONDITIONS
- 4 4" WIDE WHITE STRIPES TWO COATS, TYPICAL ALL PARKING SPACES
- 5 NEW STOP SIGN R1-1 PER MUTCD, TYPICAL ALL STOP CONDITIONS
- 6 NEW DO NOT ENTER SIGN R5-1, BOTH SIDES OF DRIVE
- 7 NEW CURB RAMP 1:48 MAXIMUM CROSS-SLOPE, 1:12 MAXIMUM RUNNING SLOPE, INSTALL DETECTABLE WARNING
- 8 NEW CONCRETE ACCESSIBLE ROUTE 1:48 MAXIMUM CROSS-SLOPE, 1:20 (5.0%) MAXIMUM RUNNING SLOPE, INSTALL DETECTABLE WARNING, SEE DETAILS
- 9 NEW DUMPSTER ENCLOSURE, REFER TO ARCHITECTURAL
- 10 REFER TO ARCHITECTURAL FOR BUILDING SIDEWALK CONSTRUCTION

REFER TO ARCHITECTURAL SITE PLAN FOR ZONING DATA, PARKING CALCULATIONS AND OTHER SITE PLAN ELEMENTS.

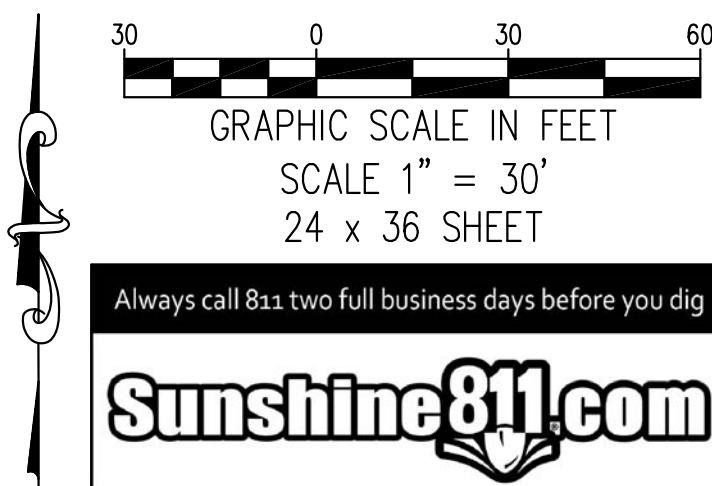
NOTES:

1. ALL PAVEMENT MARKINGS AND SIGNAGE SHALL CONFORM TO BROWARD COUNTY PUBLIC WORKS, TRAFFIC ENGINEERING DIVISION STANDARDS AND SPECIFICATIONS AND SHALL CONFORM TO THE MUTCD LATEST EDITION.
2. ALL PROPOSED PAVEMENT MARKINGS SHOWN ON THIS SHEET SHALL BE THERMOPLASTIC CONFORMING TO BROWARD COUNTY REQUIREMENTS.
3. CONTRACTOR SHALL REMOVE ALL EXISTING CONFLICTING PAVEMENT MARKINGS IN THE DRIVEWAYS BY WATER-BLASTING OR SAND-BLASTING.
4. DURING THE CONSTRUCTION AND OR MAINTENANCE OF THIS PROJECT, ALL SAFETY REGULATIONS ARE TO BE ENFORCED BY THE CONTRACTOR. THE CONTRACTOR OR HIS REPRESENTATIVE SHALL BE RESPONSIBLE FOR THE CONTROL AND SAFETY OF THE TRAVELING PUBLIC AND THE SAFETY OF HIS PERSONNEL. LABOR SAFETY REGULATIONS SHALL CONFORM TO THE PROVISIONS SET FORTH BY OSHA IN THE FEDERAL REGISTER OF THE DEPARTMENT OF TRANSPORTATION.
5. THE MINIMUM STANDARDS AS SET FORTH IN THE CURRENT EDITION OF THE STATE OF FLORIDA MANUAL ON TRAFFIC CONTROL AND SAFE PRACTICES FOR STREET AND HIGHWAY CONSTRUCTION, MAINTENANCE AND UTILITY OPERATIONS. SHALL BE FOLLOWED IN THE DESIGN APPLICATION, INSTALLATION, MAINTENANCE, AND REMOVAL OF ALL TRAFFIC CONTROL DEVICES, WARNING DEVICES, AND BARRIERS NECESSARY TO PROTECT THE PUBLIC AND WORKMEN FROM HAZARDS WITHIN THE PROJECT LIMITS.
6. ALL TRAFFIC CONTROL MARKINGS AND DEVICES SHALL CONFORM TO THE PROVISIONS SET FORTH IN THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES PREPARED BY THE U.S. DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION.
7. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY AND ENFORCE ALL APPLICABLE SAFETY REGULATIONS. THE ABOVE INFORMATION HAS BEEN PROVIDED FOR THE CONTRACTOR'S INFORMATION ONLY AND DOES NOT IMPLY THAT THE OWNER OR THE ENGINEER WILL INSPECT AND/OR ENFORCE SAFETY REGULATIONS.

SAFETY NOTES:

1. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR MEANS AND METHODS FOR CONSTRUCTION SITE SAFETY.
2. DURING THE CONSTRUCTION AND OR MAINTENANCE OF THIS PROJECT, ALL SAFETY REGULATIONS ARE TO BE ENFORCED BY THE CONTRACTOR. THE CONTRACTOR OR HIS REPRESENTATIVE SHALL BE RESPONSIBLE FOR THE CONTROL AND SAFETY OF THE TRAVELING PUBLIC AND THE SAFETY OF HIS PERSONNEL. LABOR SAFETY REGULATIONS SHALL CONFORM TO THE PROVISIONS SET FORTH BY OSHA IN THE FEDERAL REGISTER OF THE DEPARTMENT OF TRANSPORTATION.
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5. LABOR SAFETY REGULATIONS SHALL CONFORM TO THE PROVISIONS SET FORTH BY OSHA IN THE FEDERAL REGISTER OF THE DEPARTMENT OF TRANSPORTATION.
6. TRENCH EXCAVATION PROTECTION SHALL BE ACCOMPLISHED AS REQUIRED BY THE PROVISIONS OF PART 1926, SUBPART P, EXCAVATIONS, TRENCHING AND SHORING OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATIONS STANDARDS AND INTERPRETATIONS.
7. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY AND ENFORCE ALL APPLICABLE SAFETY REGULATIONS. THE ABOVE INFORMATION HAS BEEN PROVIDED FOR THE CONTRACTOR'S INFORMATION ONLY AND DOES NOT IMPLY THAT THE OWNER OR THE ENGINEER WILL INSPECT AND/OR ENFORCE SAFETY REGULATIONS.

NEW ASPHALT PAVEMENT  
REFER TO PGD PLANS



GRACE ENGINEERING

CIVIL ENGINEERING CONSULTANTS  
CERTIFICATE OF AUTHORIZATION  
No. 29280

17110 SW 64TH COURT  
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954.558.9628

GRACE Project No: C2302  
Plan Date: October 18, 2018

Revisions:

Prepared For:  
Chai Developers  
Limited Partnership  
101 S. State Road 7, Suite # 205  
Hollywood, Florida 33023

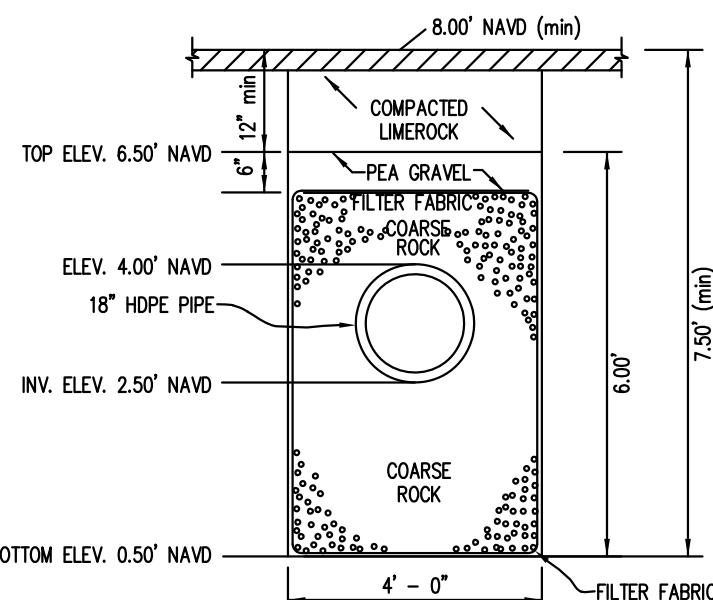
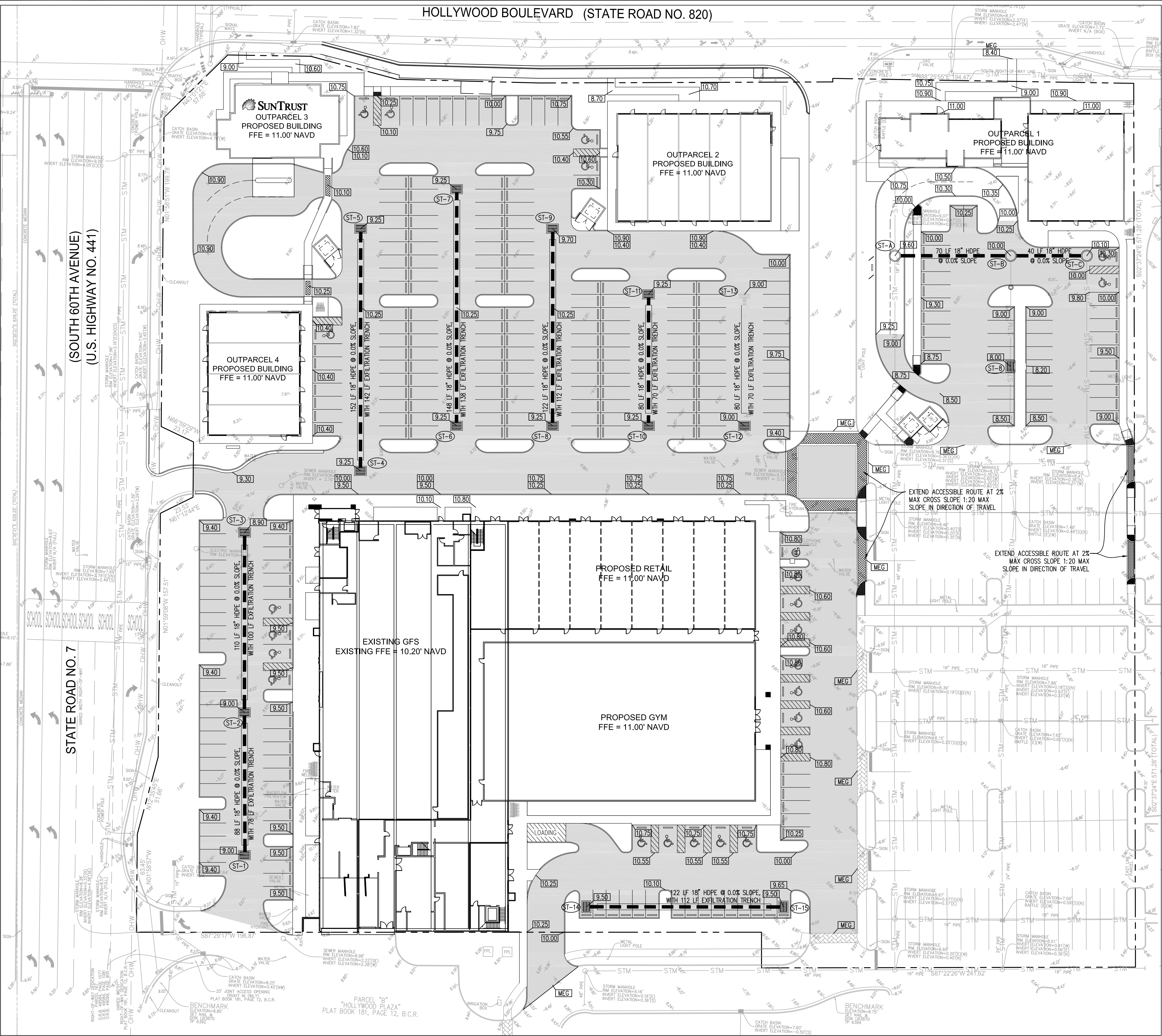
PROJECT:  
ELI'S SHOPPING CENTER  
101 South State Road 7  
FLORIDA  
HOLLYWOOD

JOHN E. FLYNN  
LICENSE  
No. 63316  
STATE OF  
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PROFESSIONAL ENGINEER  
JOHN E. FLYNN, P.E.  
Florida License No. 63316  
GRACE ENGINEERING, LLC  
Certificate of Authorization No. 29280

SHEET NAME  
PAVEMENT  
MARKINGS &  
SIGNAGE

SHEET NUMBER  
C-100





TRANSVERSE SECTION  
EXFILTRATION TRENCH DETAIL  
SCALE: NTS

NOTES:

1. "P", "J" = ROUND INLET STRUCTURE BOTTOMS PER FDOT INDEX 200, WITH TYPE "C" CAST IRON FRAME AND GRATE.
2. "E" = INLET STRUCTURE PER FDOT INDEX 232 WITH STEEL GRATE.
3. INSTALL BAFFLES FOR ALL OPENINGS IN DRAINAGE STRUCTURES THAT LEAD TO EXFILTRATION TRENCH.
4. NEW STORM PIPING SHALL BE ADS N-12 HDPE

NEW ASPHALT PAVEMENT

CONTRACTOR TO REMOVE ALL EXISTING MATERIAL TO THE APPROPRIATE DEPTH. COMPACT AND IMPROVE THE EXISTING SUB-BASE MATERIAL AS REQUIRED TO PROVIDE 12" STABILIZED SUBGRADE.

SUBGRADE: 12" STABILIZED SUBGRADE MINIMUM LBR OF 40, COMPACTED TO 98% MAX DRY DENSITY (AASHTO D 1557).

BASE COURSE: 8" LIMEROCK BASE, MINIMUM LBR OF 100, COMPACTED TO 98% MAX DRY DENSITY (AASHTO D 1557).

ASPHALT: 2.0" FLORIDA DEPARTMENT OF TRANSPORTATION TYPE S-III ASPHALTIC CONCRETE, TWO LIFTS

NOTES:

1. AS-BUILTS: THE CONTRACTOR SHALL MAINTAIN A CURRENT AND UPDATED SET OF AS-BUILT DRAWINGS PREPARED BY A LICENSED SURVEYOR AT ALL TIMES DURING CONSTRUCTION AND SHALL PROVIDE THE ENGINEER A COMPLETE SET OF AS-BUILT DRAWINGS AT THE COMPLETION OF CONSTRUCTION WHICH ARE SIGNED AND SEALED BY A LICENSED SURVEYOR.
2. ELEVATIONS SHOWN HEREON ARE BASED ON NAVD 1988 DATUM.
3. CONTRACTOR SHALL ADJUST ALL GRATES, COVERS, VALVE BOXES, ELECTRICAL BOXES, CLEANOUTS, ETC. FLUSH WITH THE NEW ASPHALT AND CONCRETE SURFACES.
4. CONTRACTOR IS RESPONSIBLE TO RESTORE ALL DISTURBED AREAS AND SURFACES TO EXISTING OR BETTER CONDITION.
5. CONTRACTOR SHALL PROVIDE INLET FILTERS FOR ALL CATCH BASINS IN THE VICINITY FOR THE DURATION OF THE PROJECT. FILTERS SHALL BE CLEANED AFTER EVERY STORM EVENT AND SHALL BE MAINTAINED CONTINUOUSLY TO AVOID SEDIMENT AND DEBRIS FROM ENTERING INLETS.
6. ALL EXISTING STORM CATCH BASINS AND MANHOLES SHALL BE COMPLETELY CLEANED OUT BY LICENSED VAC CONTRACTOR AND HAULER AT THE COMPLETION OF CONSTRUCTION.
7. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH FDOT AND HOLLYWOOD STANDARDS AND SPECIFICATIONS LATEST EDITION AS APPLICABLE.
8. LOCATIONS, ELEVATIONS, AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. THE CONTRACTOR SHALL VERIFY THE LOCATIONS, ELEVATIONS, AND DIMENSIONS OF ALL EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES AFFECTING THIS WORK PRIOR TO CONSTRUCTION.
9. THE CONTRACTOR SHALL CHECK THE PLANS FOR CONFLICTS AND DISCREPANCIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE OWNER'S ENGINEER OF ANY CONFLICTS OR DISCREPANCIES BEFORE PERFORMING ANY WORK IN THE AFFECTED AREA.
10. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN AREAS OF BURIED UTILITIES, AND SHALL PROVIDE AT LEAST 48 HOURS NOTICE TO THE VARIOUS UTILITY COMPANIES, IN ORDER TO PERMIT MARKING THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES, IN ADVANCE OF CONSTRUCTION, BY CALLING "SUNSHINE" AT 1-800-432-4770. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL UTILITIES NOT INCLUDED IN THE "SUNSHINE" PROGRAM.

SITE LEGEND

SYMBOL	DESCRIPTION
	PROPOSED DRAINAGE INLET STRUCTURE
	MATCH EXISTING GRADE
	PROPOSED SPOT GRADE
	EXISTING SPOT GRADE
	STRUCTURE NUMBER
	PROPOSED STORM PIPING
	EXISTING STORM PIPING

30 0 30 60  
GRAPHIC SCALE IN FEET  
SCALE 1" = 30'  
24 x 36 SHEET  
Always call 811 two full business days before you dig  
**Sunshine811.com**

GRACE ENGINEERING

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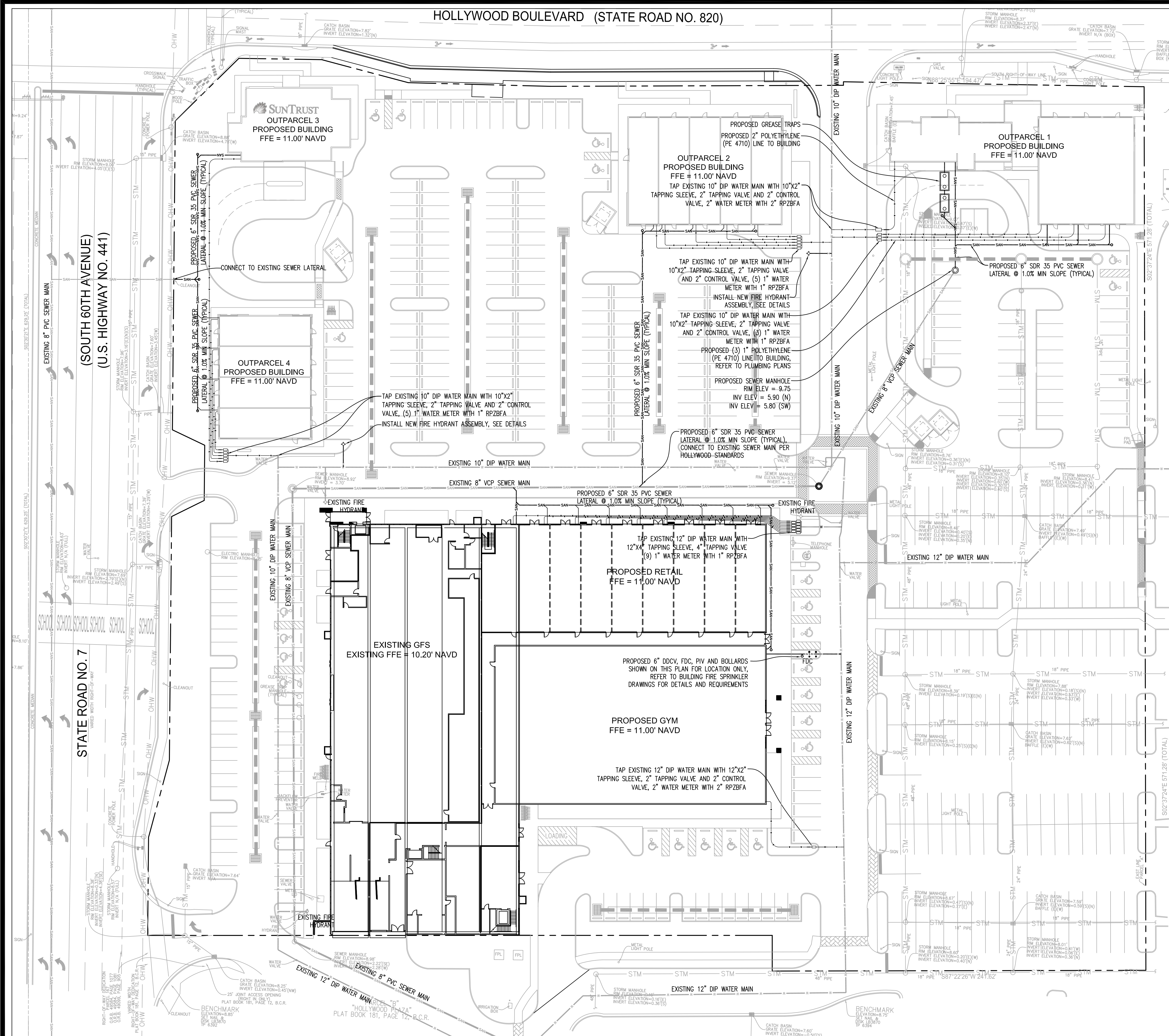
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FLORIDA  
HOLLYWOOD

JOHN E. FLYNN, P.E.  
Florida License No. 63316  
GRACE ENGINEERING, LLC  
Certificate of Authorization No. 29280

SHEET NAME  
**PAVING,  
GRADING &  
DRAINAGE  
PLAN**  
SHEET NUMBER  
**C-200**





**PIPE MARKINGS:**

ALL WATER MAIN PIPE AND FITTINGS INSTALLED UNDER THIS PROJECT SHALL BE COLOR CODED OR MARKED USING BLUE AS A PREDOMINANT COLOR TO DIFFERENTIATE DRINKING WATER FROM RECLAIMED OR OTHER WATER. UNDERGROUND PLASTIC PIPE SHALL BE SOLID-WALL BLUE PIPE. SHALL HAVE A CO-EXTRUDED BLUE EXTERNAL SKIN, OR SHALL BE WHITE OR BLACK PIPE WITH BLUE STRIPES INCORPORATED INTO, OR APPLIED TO, THE PIPE WALL; AND UNDERGROUND METAL OR CONCRETE PIPE SHALL HAVE BLUE STRIPES APPLIED TO THE PIPE WALL. PIPE STRIPED DURING MANUFACTURING OF THE PIPE SHALL HAVE CONTINUOUS STRIPES THAT RUN PARALLEL TO THE AXIS OF THE PIPE, THAT ARE LOCATED AT NO GREATER THAN 90-DEGREE INTERVALS AROUND THE PIPE, AND THAT WILL REMAIN INTACT DURING AND AFTER INSTALLATION OF THE PIPE. IF TAPE OR PAINT IS USED TO STRIPE PIPE DURING INSTALLATION OF THE PIPE, THE TAPE OR PAINT SHALL BE APPLIED IN A CONTINUOUS LINE THAT RUNS PARALLEL TO THE AXIS OF THE PIPE AND THAT IS LOCATED ALONG THE TOP OF THE PIPE; FOR PIPES WITH AN INTERNAL DIAMETER OF 24 INCHES OR GREATER, TAPE OR PAINT SHALL BE APPLIED IN CONTINUOUS LINES ALONG EACH SIDE OF THE PIPE AS WELL AS ALONG THE TOP OF THE PIPE.

**STANDARD SEPARATION STATEMENT:**

(1) HORIZONTAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, RECLAIMED WATER PIPELINES, AND ON-SITE SEWAGE TREATMENT AND DISPOSAL SYSTEMS.

(A) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED STORM SEWER, STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

(B) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST THREE FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED VACUUM-TYPE SANITARY SEWER.

(C) NEW OR RELOCATED, UNDERGROUND WATER MAINS SHALL BE LAID TO PROVIDE A HORIZONTAL DISTANCE OF AT LEAST SIX FEET, AND PREFERABLY TEN FEET, BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF ANY EXISTING OR PROPOSED GRAVITY- OR PRESSURE-TYPE SANITARY SEWER, WASTEWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C. THE MINIMUM HORIZONTAL SEPARATION DISTANCE BETWEEN WATER MAINS AND GRAVITY-TYPE SANITARY SEWERS SHALL BE REDUCED TO THREE FEET WHERE THE BOTTOM OF THE WATER MAIN IS LAID AT LEAST SIX INCHES ABOVE THE TOP OF THE SEWER.

(2) VERTICAL SEPARATION BETWEEN UNDERGROUND WATER MAINS AND SANITARY OR STORM SEWERS, WASTEWATER OR STORMWATER FORCE MAINS, AND RECLAIMED WATER PIPELINES.

(A) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED GRAVITY- OR VACUUM-TYPE SANITARY SEWER OR STORM SEWER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST SIX INCHES, AND PREFERABLY 12 INCHES, ABOVE OR AT LEAST 12 INCHES BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(B) NEW OR RELOCATED, UNDERGROUND WATER MAINS CROSSING ANY EXISTING OR PROPOSED PRESSURE-TYPE SANITARY SEWER, WASTEWATER OR STORMWATER FORCE MAIN, OR PIPELINE CONVEYING RECLAIMED WATER SHALL BE LAID SO THE OUTSIDE OF THE WATER MAIN IS AT LEAST 12 INCHES ABOVE OR BELOW THE OUTSIDE OF THE OTHER PIPELINE. HOWEVER, IT IS PREFERABLE TO LAY THE WATER MAIN ABOVE THE OTHER PIPELINE.

(C) AT THE UTILITY CROSSINGS DESCRIBED IN PARAGRAPHS (A) AND (B) ABOVE, ONE FULL LENGTH OF WATER MAIN PIPE SHALL BE CENTERED ABOVE OR BELOW THE OTHER PIPELINE SO THE WATER MAIN JOINTS WILL BE AS FAR AS POSSIBLE FROM THE OTHER PIPELINE. ALTERNATIVELY, AT SUCH CROSSINGS, THE PIPES SHALL BE ARRANGED SO THAT ALL WATER MAIN JOINTS ARE AT LEAST THREE FEET FROM ALL JOINTS IN VACUUM-TYPE SANITARY SEWERS, STORM SEWERS, STORMWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C., AND AT LEAST SIX FEET FROM ALL JOINTS IN GRAVITY- OR PRESSURE-TYPE SANITARY SEWERS, WASTEWATER FORCE MAINS, OR PIPELINES CONVEYING RECLAIMED WATER NOT REGULATED UNDER PART III OF CHAPTER 62-610, F.A.C.

**NOTES:**

1. AS-BUILTS: THE CONTRACTOR SHALL MAINTAIN A CURRENT AND UPDATED SET OF AS-BUILT DRAWINGS PREPARED BY A LICENSED SURVEYOR AT ALL TIMES DURING CONSTRUCTION AND SHALL PROVIDE THE ENGINEER A COMPLETE SET OF AS-BUILT DRAWINGS AT THE COMPLETION OF CONSTRUCTION WHICH ARE SIGNED AND SEALED BY A SURVEYOR.

2. CONTRACTOR SHALL ADJUST ALL GRATES, COVERS, VALVE BOXES, ELECTRICAL BOXES, CLEANOUTS, ETC. FLUSH WITH THE NEW ASPHALT AND CONCRETE SURFACES.

3. CONTRACTOR IS RESPONSIBLE TO RESTORE ALL DISTURBED AREAS AND SURFACES TO EXISTING OR BETTER CONDITION. REFER TO DETAIL SHEETS FOR ASPHALT AND CONCRETE PATCHING REQUIREMENTS.

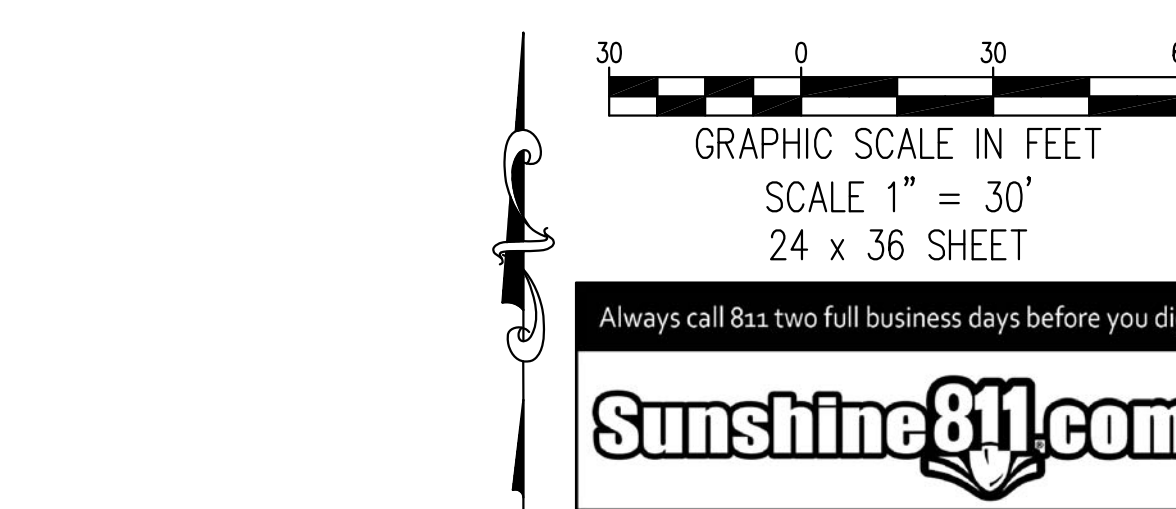
4. ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH HOLLYWOOD STANDARDS AND SPECIFICATIONS, LATEST EDITION.

5. LOCATIONS, ELEVATIONS, AND DIMENSIONS OF EXISTING UTILITIES, STRUCTURES, AND OTHER FEATURES ARE SHOWN ACCORDING TO THE BEST INFORMATION AVAILABLE AT THE TIME OF PREPARATION OF THESE PLANS. THE CONTRACTOR SHALL VERIFY THE LOCATIONS, ELEVATIONS, AND DIMENSIONS OF ALL EXISTING UTILITIES, STRUCTURES AND OTHER FEATURES AFFECTING THIS WORK PRIOR TO CONSTRUCTION.

6. THE CONTRACTOR SHALL CHECK THE PLANS FOR CONFLICTS AND DISCREPANCIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE OWNER'S ENGINEER OF ANY CONFLICTS OR DISCREPANCIES BEFORE PERFORMING ANY WORK IN THE AFFECTED AREA.

7. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN AREAS OF BURIED UTILITIES, AND SHALL PROVIDE AT LEAST 48 HOURS NOTICE TO THE VARIOUS UTILITY COMPANIES, IN ORDER TO PERMIT MARKING THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES, IN ADVANCE OF CONSTRUCTION, BY CALLING "SUNSHINE" AT 1-800-432-4770. THE CONTRACTOR IS RESPONSIBLE FOR CONTACTING ALL UTILITIES NOT INCLUDED IN THE "SUNSHINE" PROGRAM.

SITE LEGEND	
SYMBOL	DESCRIPTION
	EXISTING WATER MAIN
	PROPOSED FIRE LINE
	EXISTING SEWER MAIN
	PROPOSED SEWER LATERAL
	EXISTING STORM
	PROPOSED STORM



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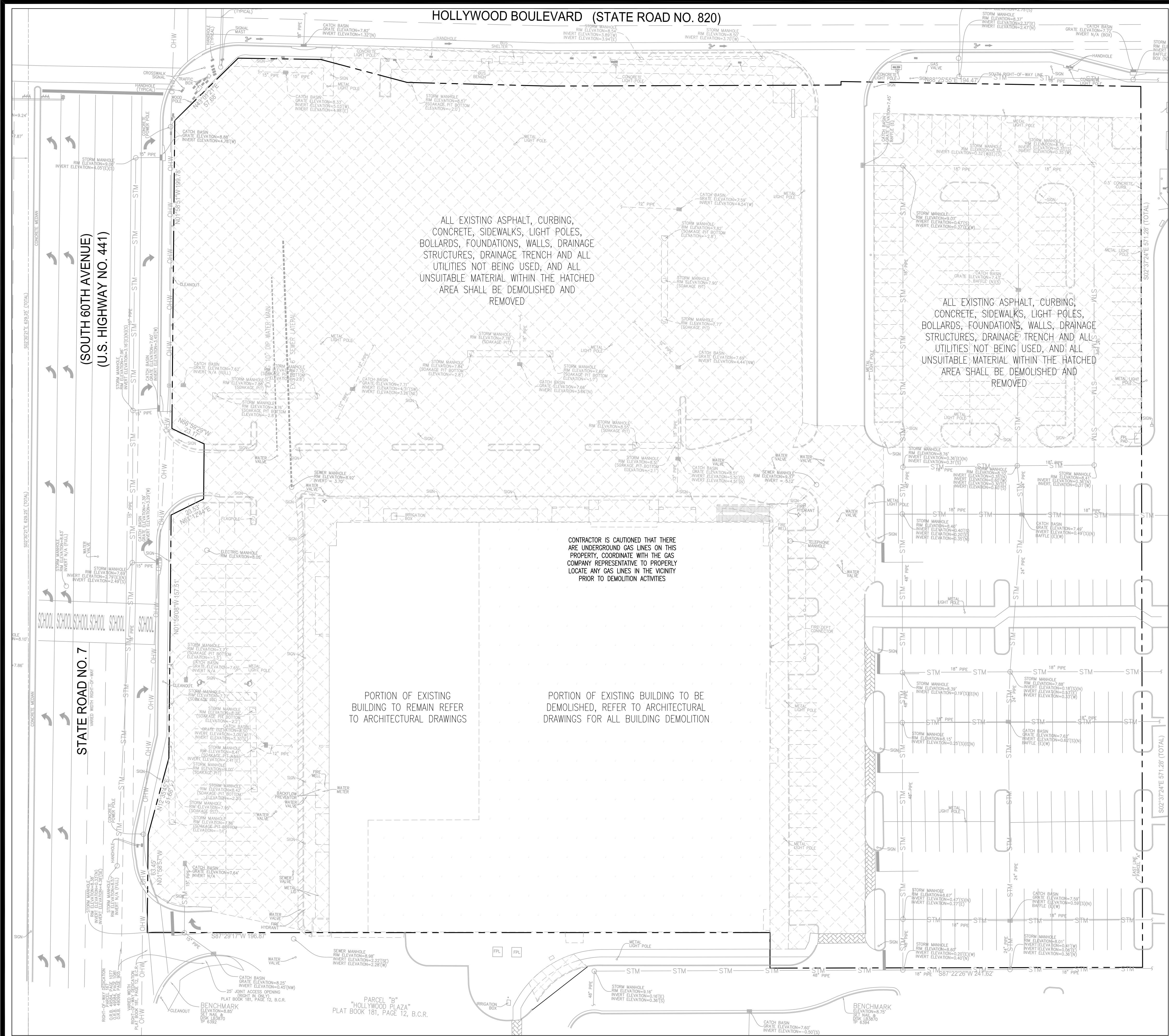
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PROFESSIONAL ENGINEER

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GRACE ENGINEERING, LLC  
Certificate of Authorization No. 29280

SHEET NAME  
**WATER & SEWER PLAN**

SHEET NUMBER  
**C-300**





## DEMOLITION NOTES:

THE CONTRACTOR SHALL SAW CUT ALONG A NEAT STRAIGHT LINE AT ALL POINTS OF CONNECTION TO EXISTING PAVEMENT OR CONCRETE TO REMAIN.

CONTRACTOR IS RESPONSIBLE FOR REMOVING DEBRIS AND DISPOSING OF PROPERLY OFF SITE.

LOCATION OF EXISTING UTILITIES SHOWN IS FROM BEST AVAILABLE INFORMATION AND IS APPROXIMATE. CONTRACTOR TO VERIFY LOCATION OF EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION.

CONTRACTOR SHALL NOTIFY ALL UTILITY COMPANIES HAVING UNDERGROUND UTILITIES ON SITE PRIOR TO EXCAVATION. CONTRACTOR SHALL CONTACT UTILITY LOCATING COMPANY AND LOCATE ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION.

ALL FEATURES IDENTIFIED ON THIS PLAN WHICH ARE LISTED TO BE DEMOLISHED ARE TO BE REMOVED FROM THE SITE. AFTER DEMOLITION IS COMPLETE THE SITE SHALL BE DELIVERED IN A CLEAN, UNIFORMLY GRADED CONDITION, FREE OF DEBRIS, ACCESSIBLE AND SUITABLE FOR DEVELOPMENT. THE CONDITION OF THE SITE SHALL BE APPROVED BY THE ENGINEER AND APPLICABLE REGULATORY AGENCIES PRIOR TO THE COMPLETION OF THE CONTRACT.

ENVIRONMENTAL AND HAZARDOUS MATERIALS: UTILITY LINES OR BUILDING MATERIALS CONTAINING ASBESTOS ENCOUNTERED DURING THE COURSE OF THE WORK SHALL BE REMOVED FROM THE SITE SOLELY AND SEPARATELY BY A CERTIFIED ASBESTOS REMOVAL COMPANY AND DISPOSED OF AT AN APPROVED SITE. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SAFE LAWFUL HANDLING, TRANSPORTATION AND DISPOSAL OF THESE MATERIALS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN, COMPLETE AND FORWARD ALL REQUIRED APPLICATIONS WITH THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION. THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE, AND COUNTY REGULATIONS. THE CONTRACTOR IS REQUIRED TO PREPARE A REPORT FOR THE OWNER TO REVIEW.

CONTRACTOR SHALL BE REQUIRED AT ALL TIMES TO SECURE ALL EQUIPMENT & MATERIAL WITHIN THE "DEMOLITION LIMITS".

CONTRACTOR SHALL INSTALL A CHAIN LINK CONSTRUCTION FENCE AROUND THE ENTIRE PERIMETER OF THE DEMOLITION LIMITS.

THE CONTRACTOR WILL BE RESPONSIBLE FOR MAKING A VISUAL INSPECTION OF THE SITE AND WILL BE RESPONSIBLE FOR THE DEMOLITION AND REMOVAL OF ALL UNDERGROUND AND ABOVE GROUND STRUCTURES THAT WILL NOT BE INCORPORATED WITH THE NEW FACILITIES. SHOULD ANY DISCREPANCIES EXIST WITH THE PLANS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CALLING THE OWNER AND REQUESTING A CLARIFICATION OF THE PLANS PRIOR TO DEMOLITION.

THE CONTRACTOR IS TO OBTAIN ALL NECESSARY PERMITS FOR DEMOLITION.

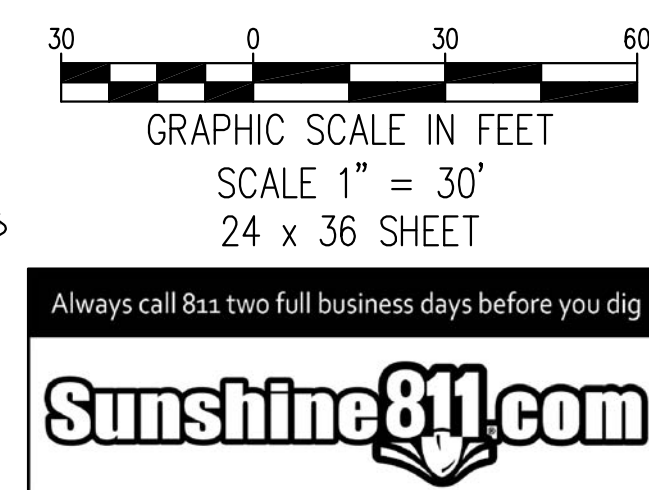
DURING DEMOLITION, ALL STORM SEWER INLETS IN THE VICINITY OF THE PROJECT SHALL BE PROTECTED BY SEDIMENT TRAPS SUCH AS FILTER FABRIC OR SECURED HAY BALES, WHICH SHALL BE MAINTAINED AND MODIFIED AS REQUIRED BY CONSTRUCTION PROGRESS.

ALL EROSION AND SILTATION CONTROL METHODS SHALL BE IMPLEMENTED PRIOR TO THE START OF DEMOLITION AND MAINTAINED UNTIL CONSTRUCTION IS COMPLETED.

IF WIND EROSION BECOMES SIGNIFICANT DURING CONSTRUCTION, THE CONTRACTOR SHALL STABILIZE THE AFFECTED AREA USING SPRINKLING, IRRIGATION, OR OTHER ACCEPTABLE METHODS.

## SITE LEGEND

SYMBOL	DESCRIPTION
	DEMOLITION AREA



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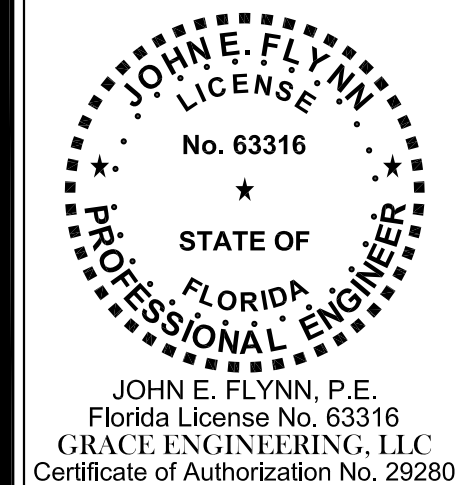
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FLORIDA  
HOLLYWOOD



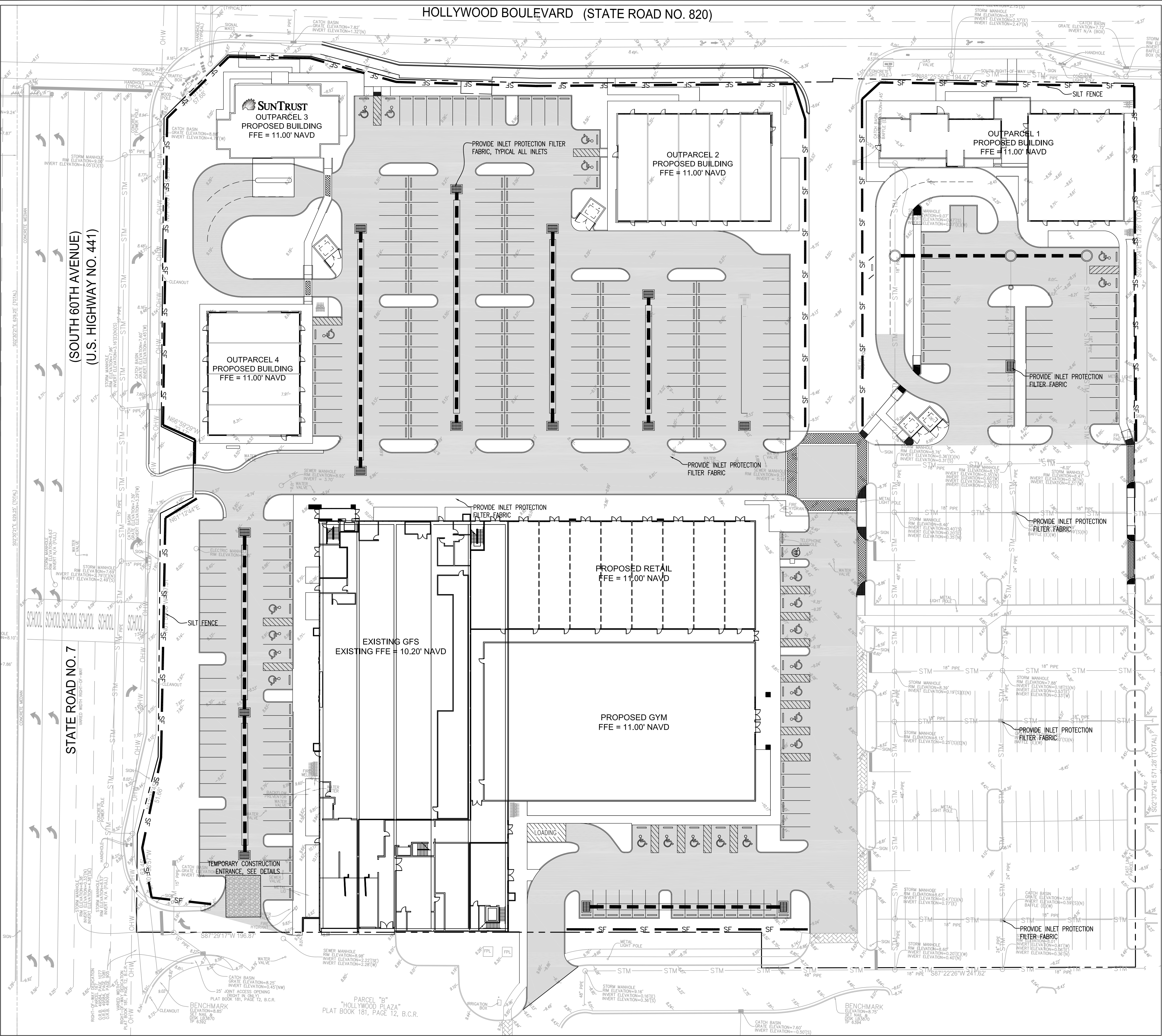
SHEET NAME

**CIVIL  
DEMOLITION  
PLAN**

SHEET NUMBER

**C-400**





- NOTES:**
1. ALL EROSION AND SILTATION CONTROL METHODS SHALL BE IMPLEMENTED PRIOR TO THE START OF THE DEMOLITION AND MAINTAINED UNTIL CONSTRUCTION IS COMPLETED.
  2. IF WIND EROSION BECOMES SIGNIFICANT DURING CONSTRUCTION, THE CONTRACTOR SHALL STABILIZE THE AFFECTED AREA USING SPRINKLING, IRRIGATION OR OTHER ACCEPTABLE METHODS.

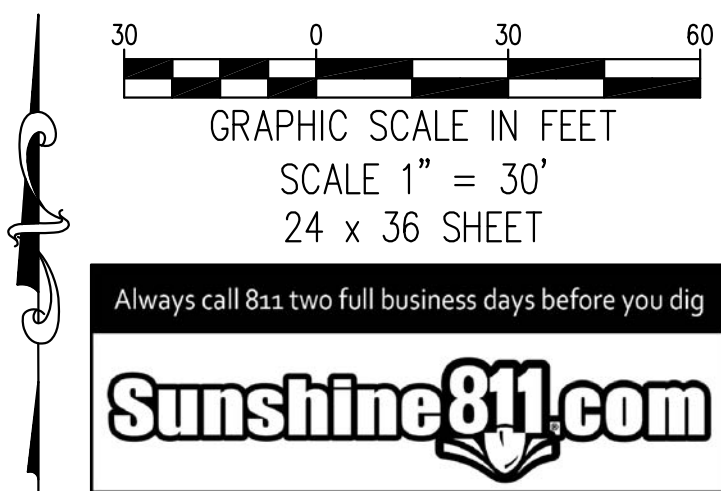
**SITE LEGEND:**

SYMBOL	DESCRIPTION
— SF	PROPOSED SILT FENCE

**SEQUENCING:**

THE SILT FENCE INSTALLATION SHALL BE SEQUENCED WITH CONSTRUCTION ACTIVITIES. PORTIONS OF THE SILT FENCE MAY BE INSTALLED OR REMOVED AT DIFFERENT TIMES THROUGHOUT THE PROJECT. THE SILT FENCE IS ONLY REQUIRED IF THE ADJACENT GROUND SURFACE HAS BEEN DISTURBED OR IF STORMWATER RUNOFF FROM OTHER AREAS OF WORK ARE FLOWING THROUGH THE INTENDED SECTION OF SILT FENCE. PORTIONS OF THE SILT FENCE MAY BE OPENED FOR PEDESTRIAN ACCESS TO OPERATING BUSINESSES AS NECESSARY AS LONG AS THE SILT FENCE IS IN PLACE WHEN CONSTRUCTION ACTIVITIES IN THE AREA ARE COMMENCED.

ALL INLET FILTERS SHALL REMAIN IN PLACE FOR THE DURATION OF CONSTRUCTION.



**GRACE ENGINEERING**

CIVIL ENGINEERING CONSULTANTS  
CERTIFICATE OF AUTHORIZATION  
No. 29280

17110 SW 64TH COURT  
SOUTHWEST RANCHES, FLORIDA 33331  
GRACEENGINEERINGLLC@GMAIL.COM  
954.558.9628

GRACE Project No: C2302  
Plan Date: October 18, 2018

Revisions:

Prepared For:  
**Chai Developers  
Limited Partnership**  
101 S. State Road 7, Suite # 205  
Hollywood, Florida 33023

**PROJECT:**  
**ELI'S SHOPPING CENTER**  
101 South State Road 7  
FLORIDA  
HOLLYWOOD

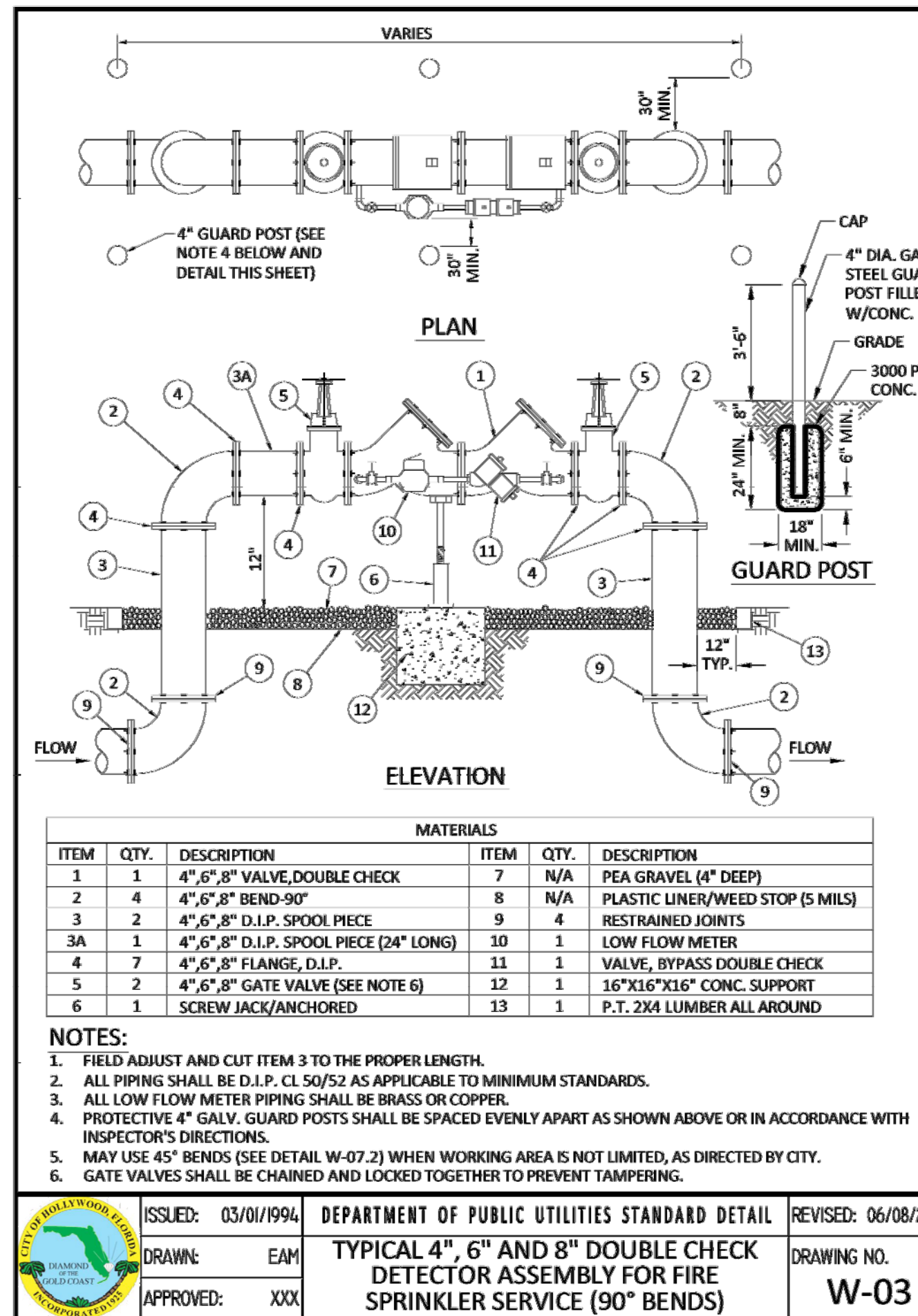
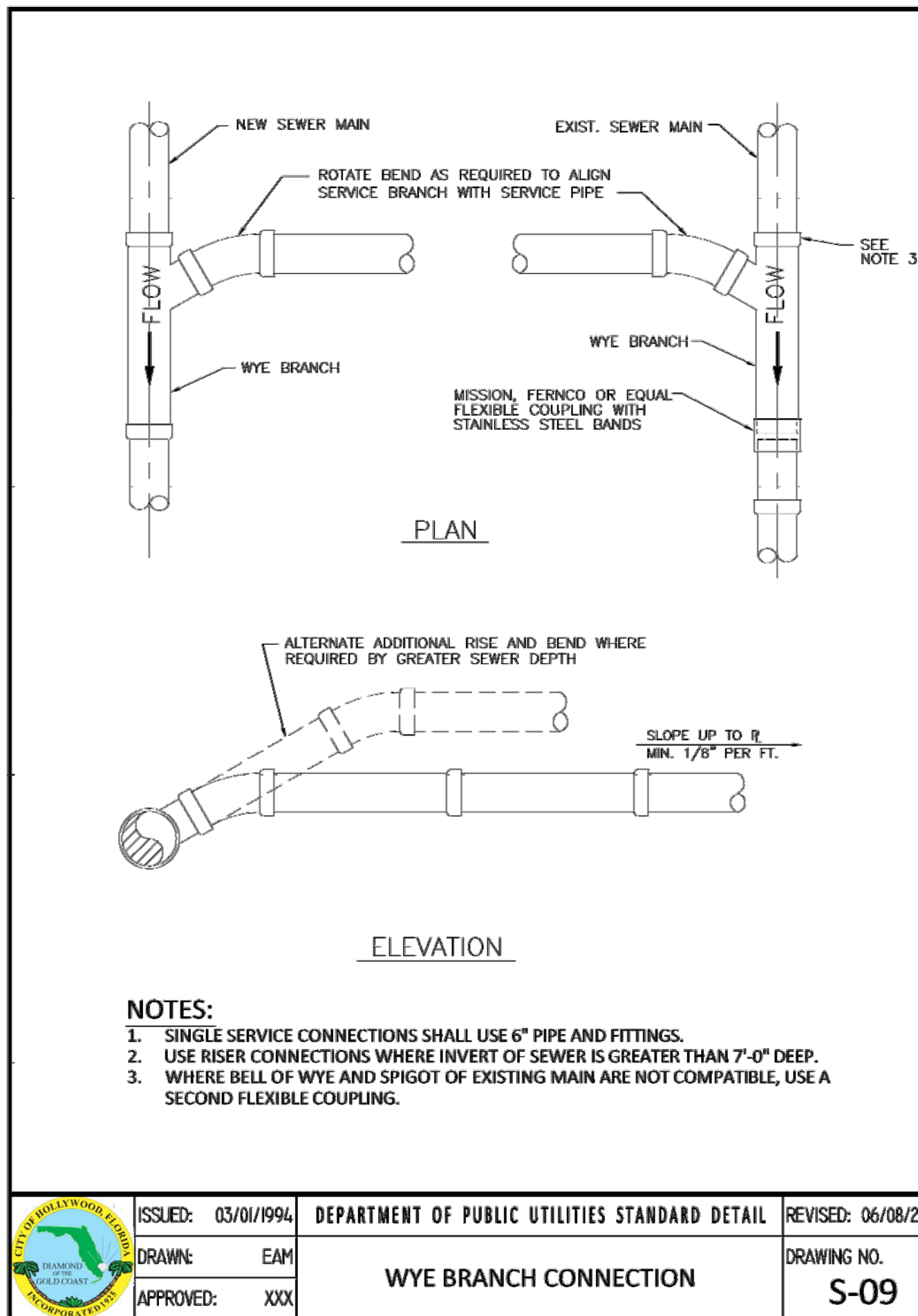
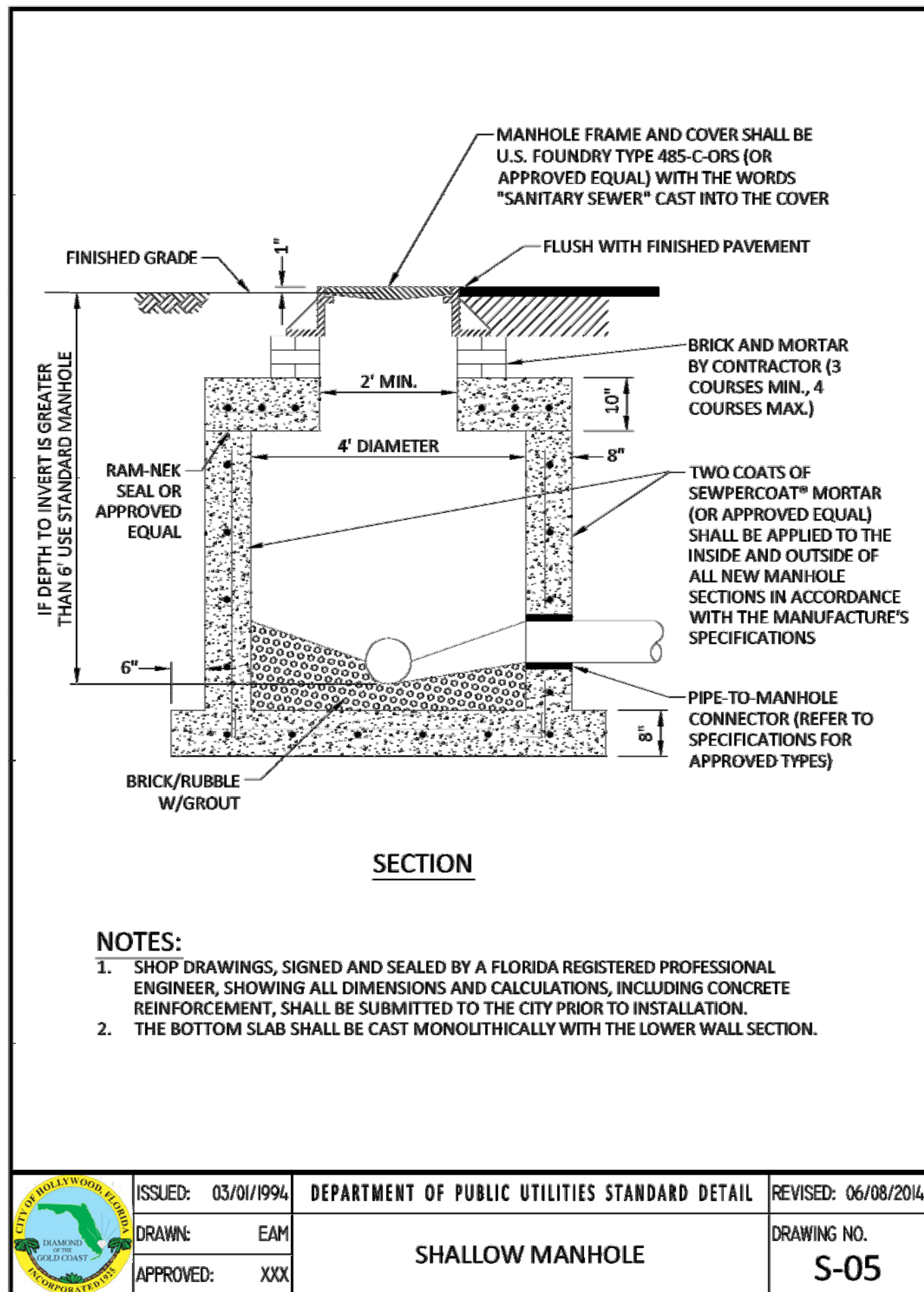
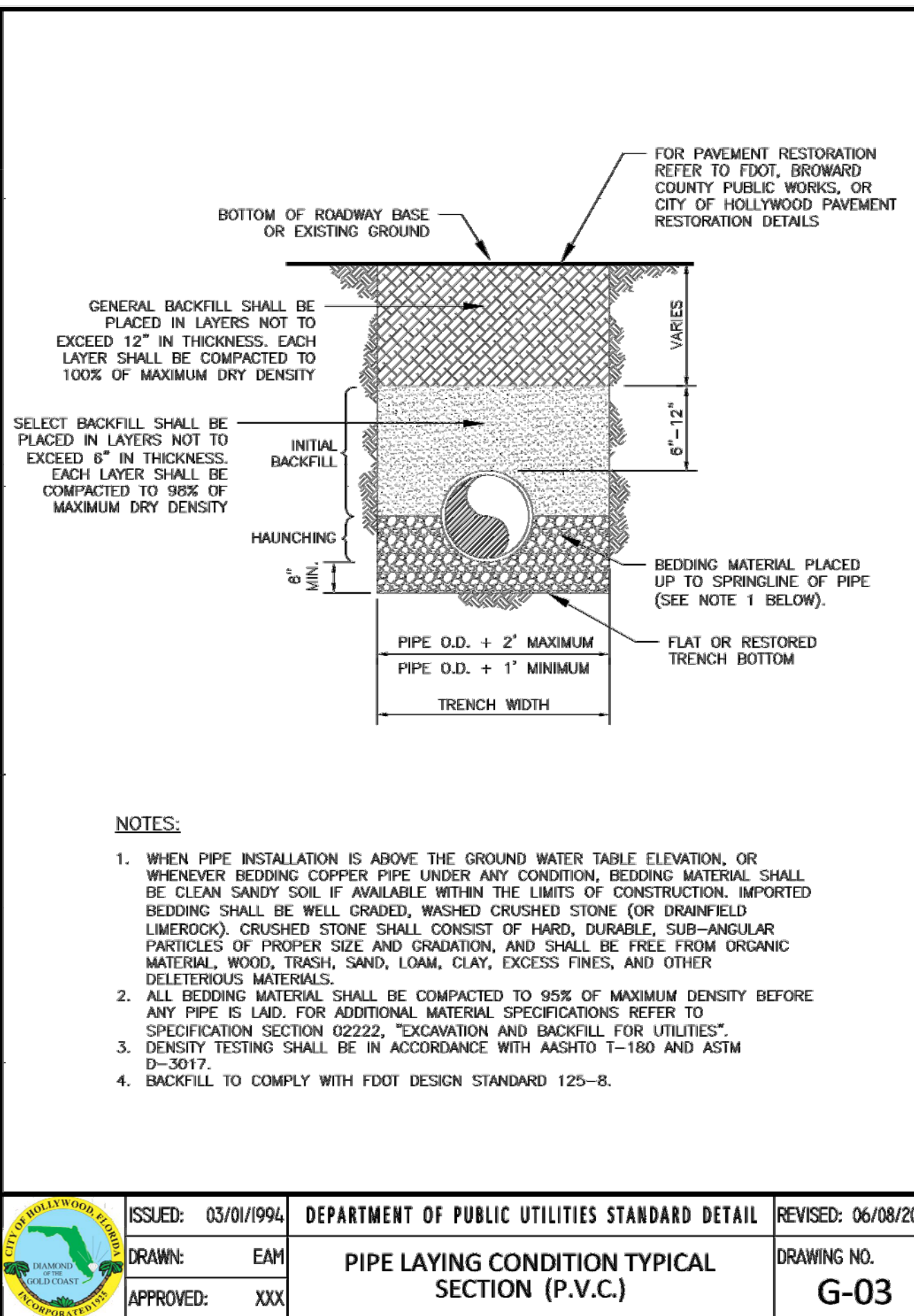
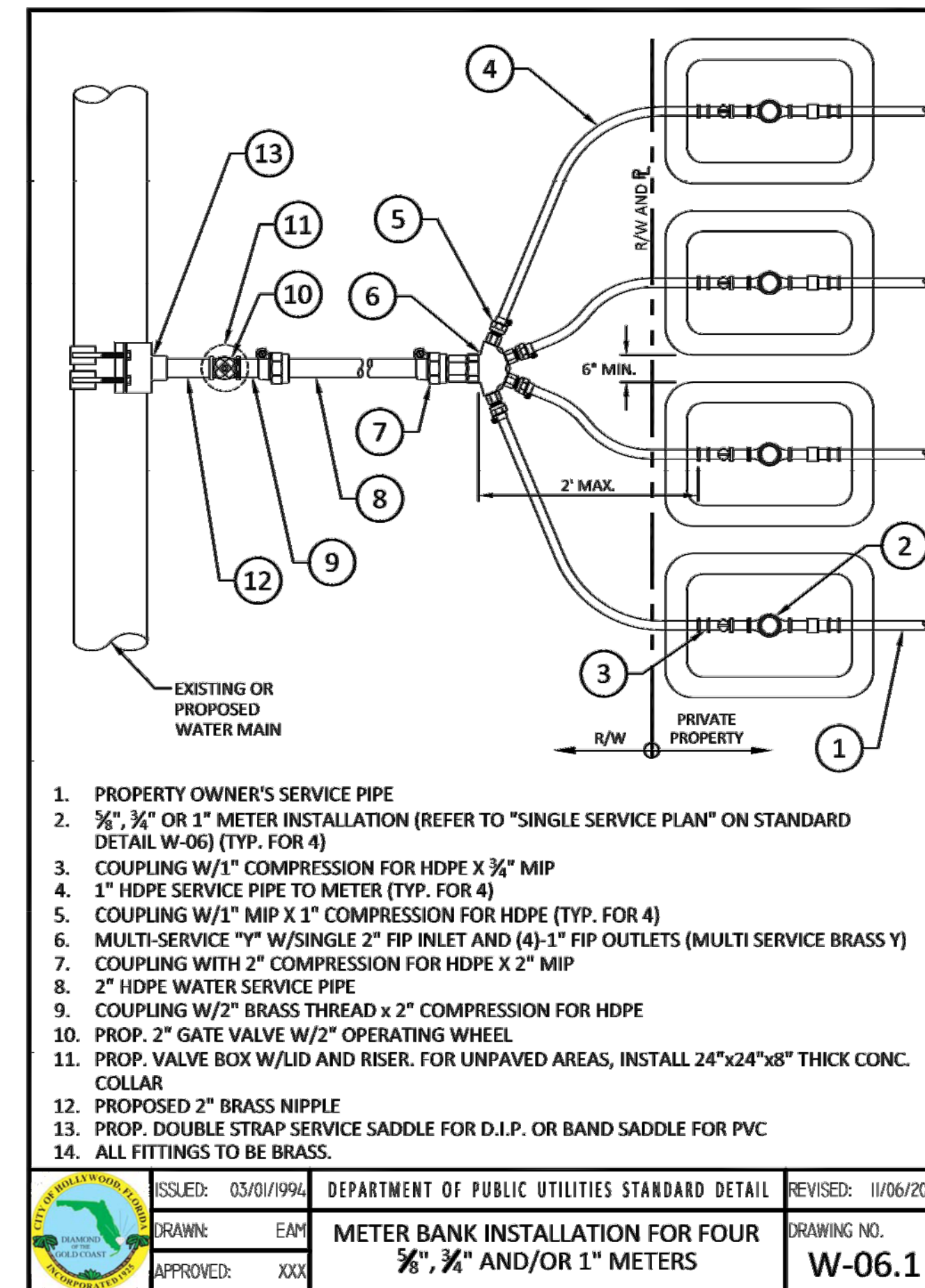
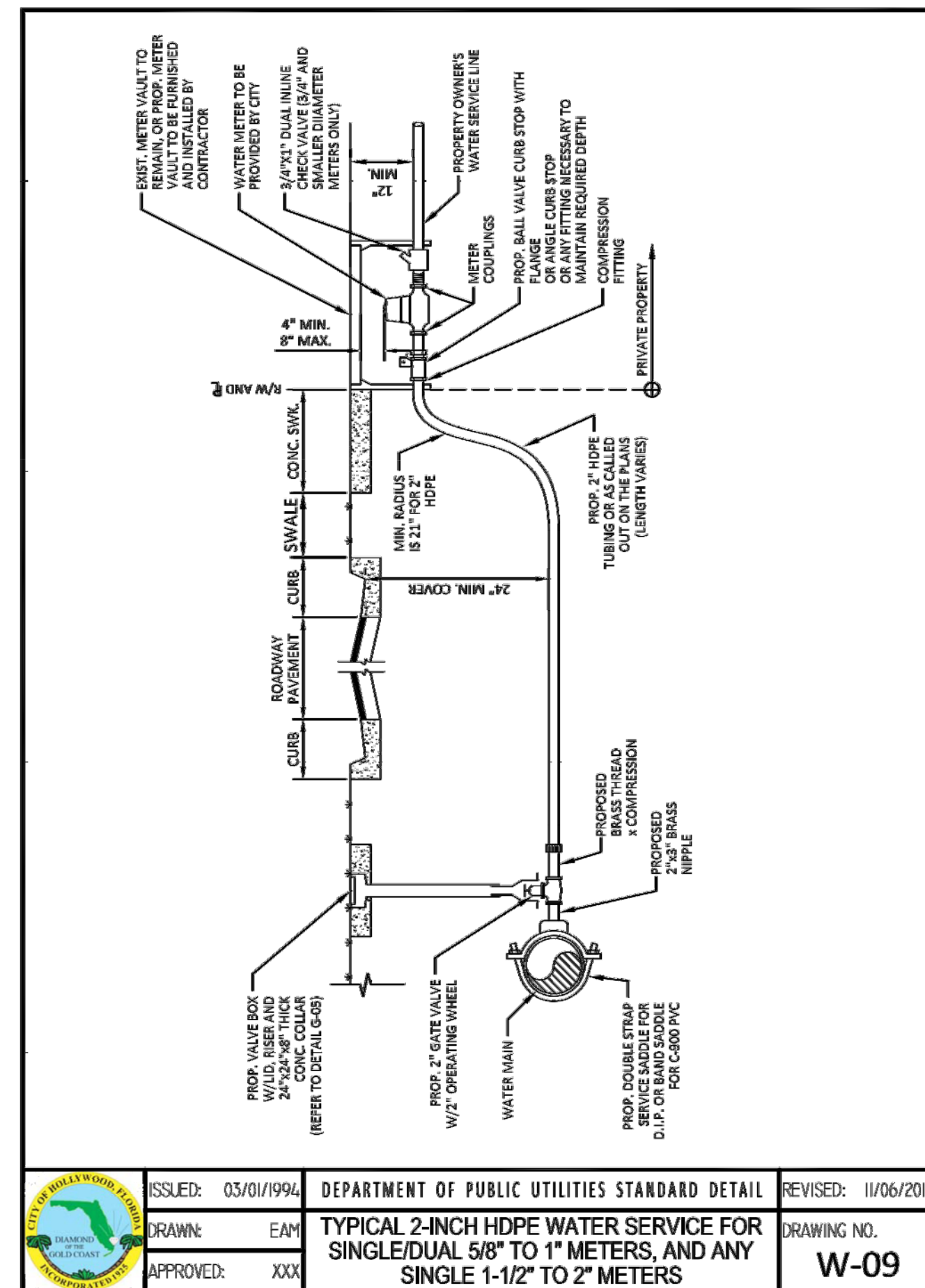
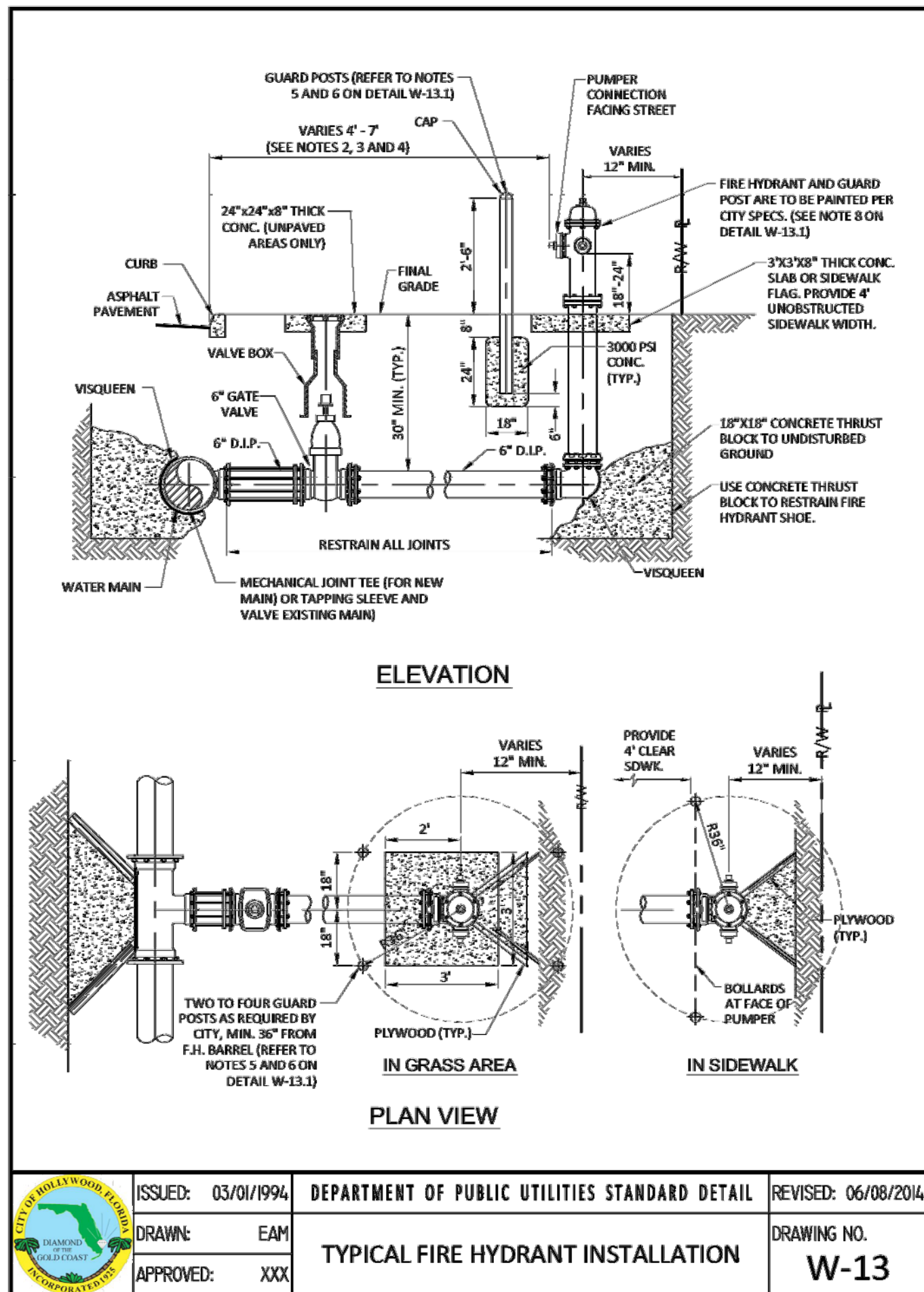
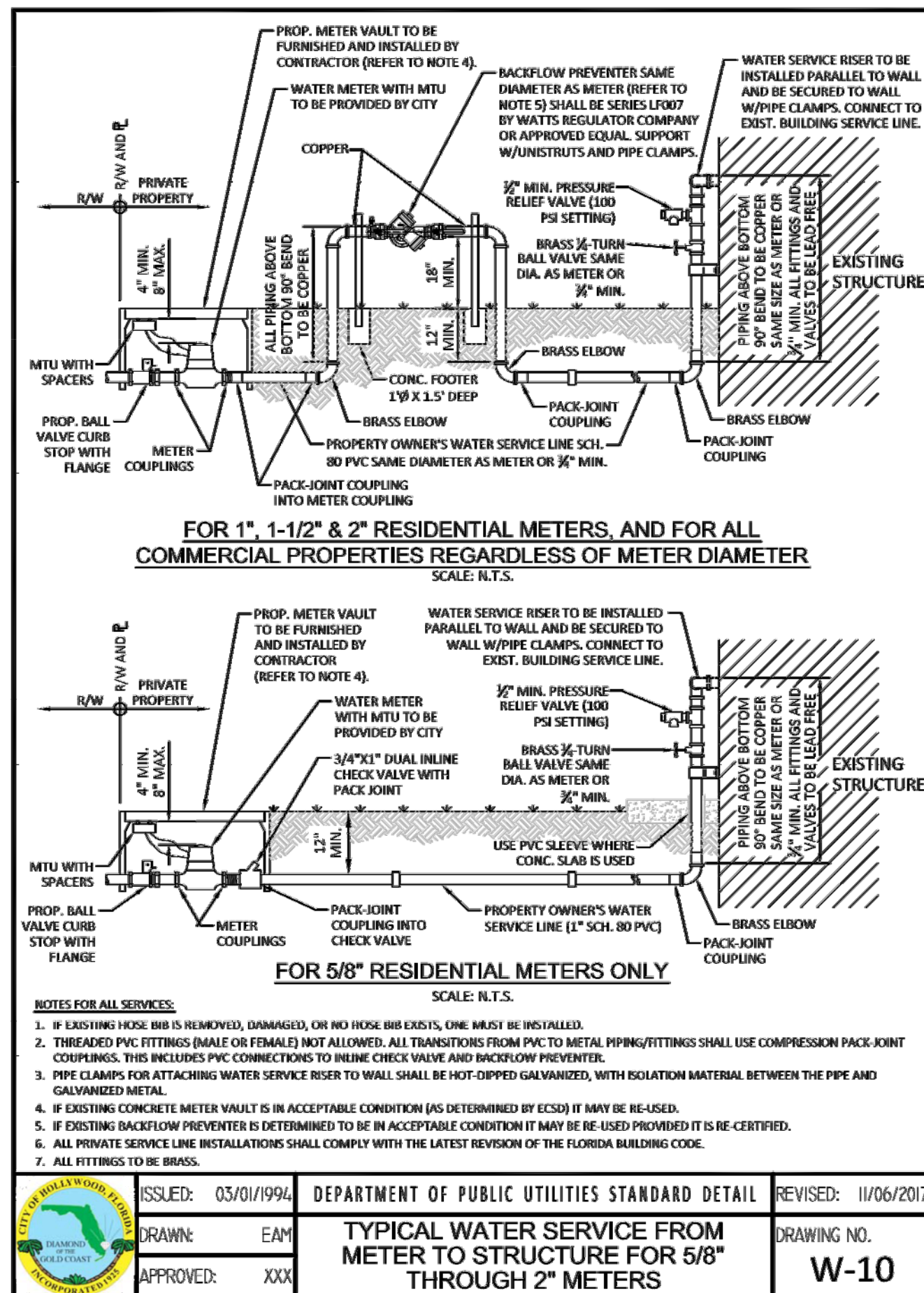
**JOHN E. FLYNN, P.E.**  
LICENSE  
No. 63316  
STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER  
JOHN E. FLYNN, P.E.  
Florida License No. 63316  
GRACE ENGINEERING, LLC  
Certificate of Authorization No. 29280

SHEET NAME

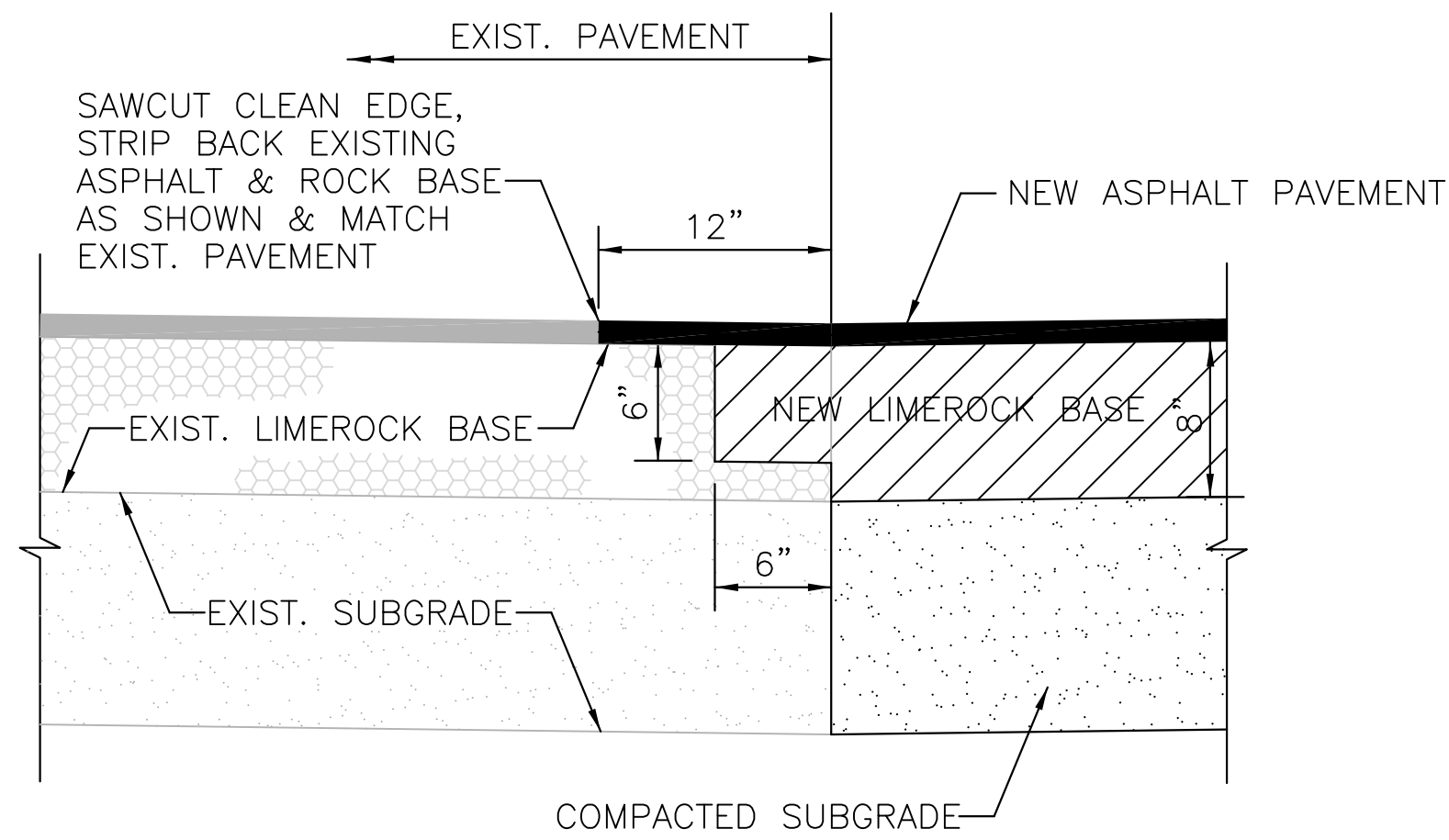
**SWPPP**

SHEET NUMBER  
**C-500**







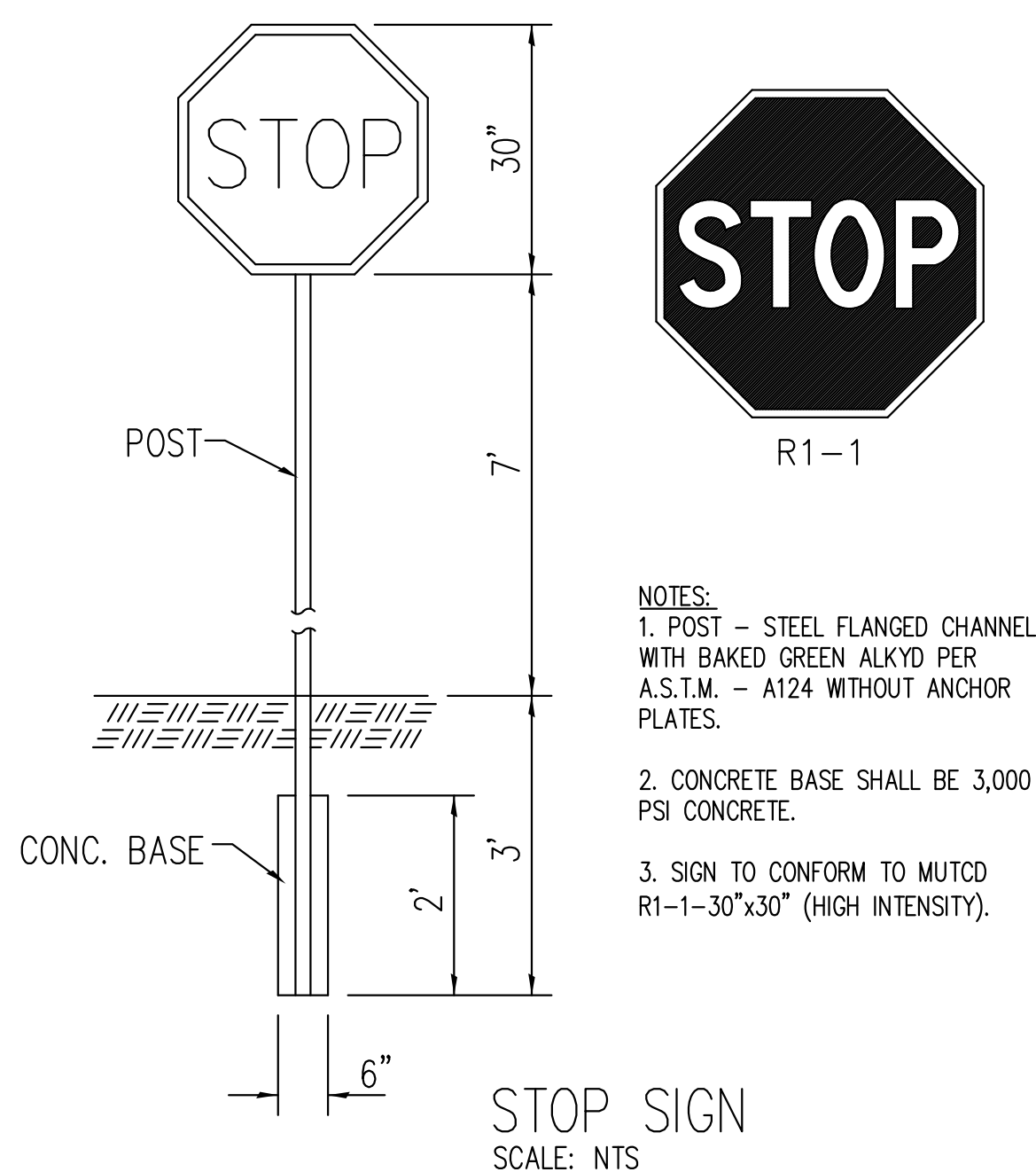
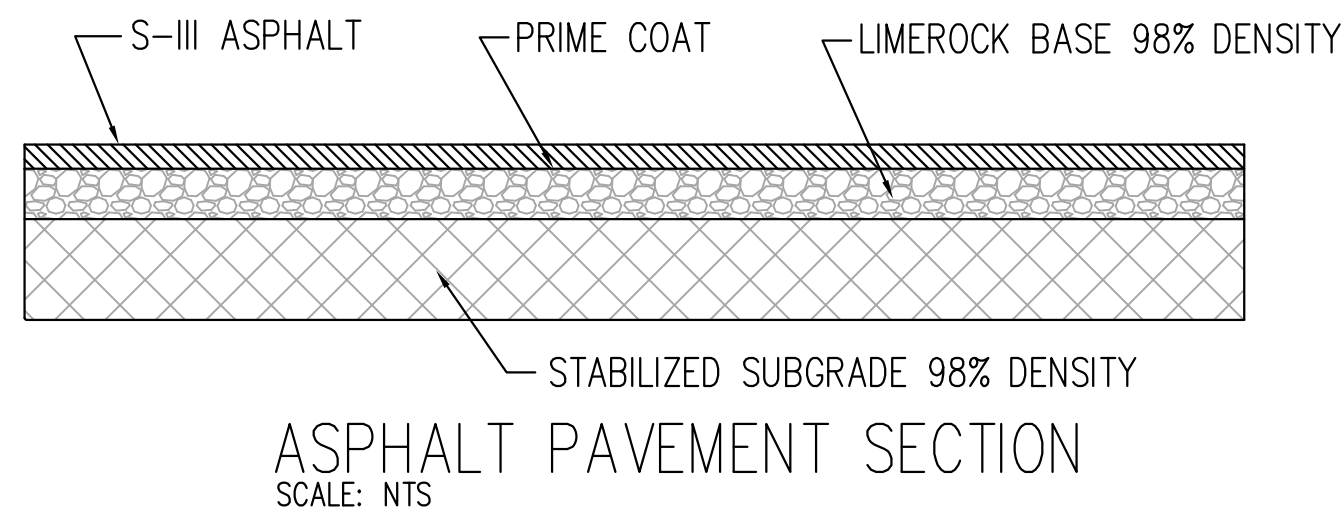


PAVEMENT CONNECTION DETAIL  
SCALE: NTS

**SUBGRADE:** 12" STABILIZED SUBGRADE MINIMUM LBR OF 40, COMPACTED TO 98% MAX DRY DENSITY (AASHTO D 1557).

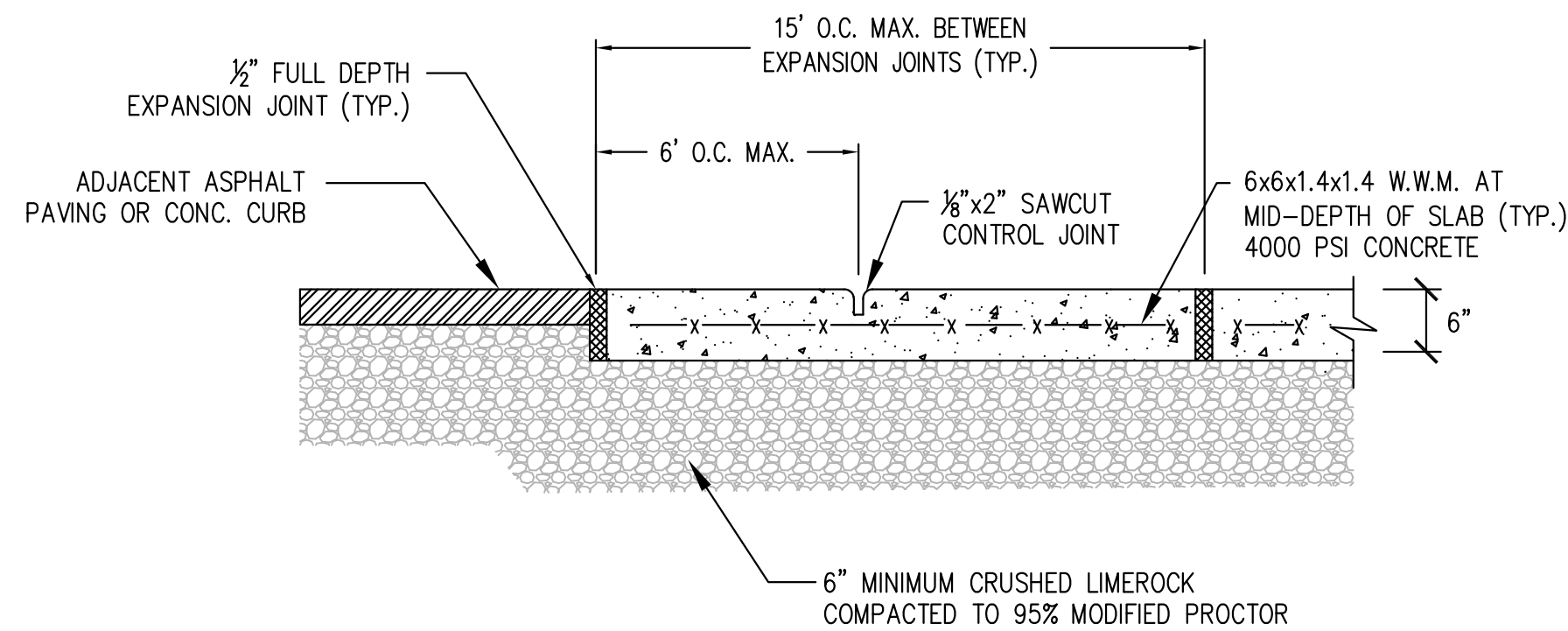
**BASE COURSE:** 8" LIMEROCK BASE, MINIMUM LBR OF 100, COMPACTED TO 98% MAX DRY DENSITY (AASHTO D 1557).

**ASPHALT:** 2.0" FLORIDA DEPARTMENT OF TRANSPORTATION TYPE S-III ASPHALTIC CONCRETE, TWO LIFTS



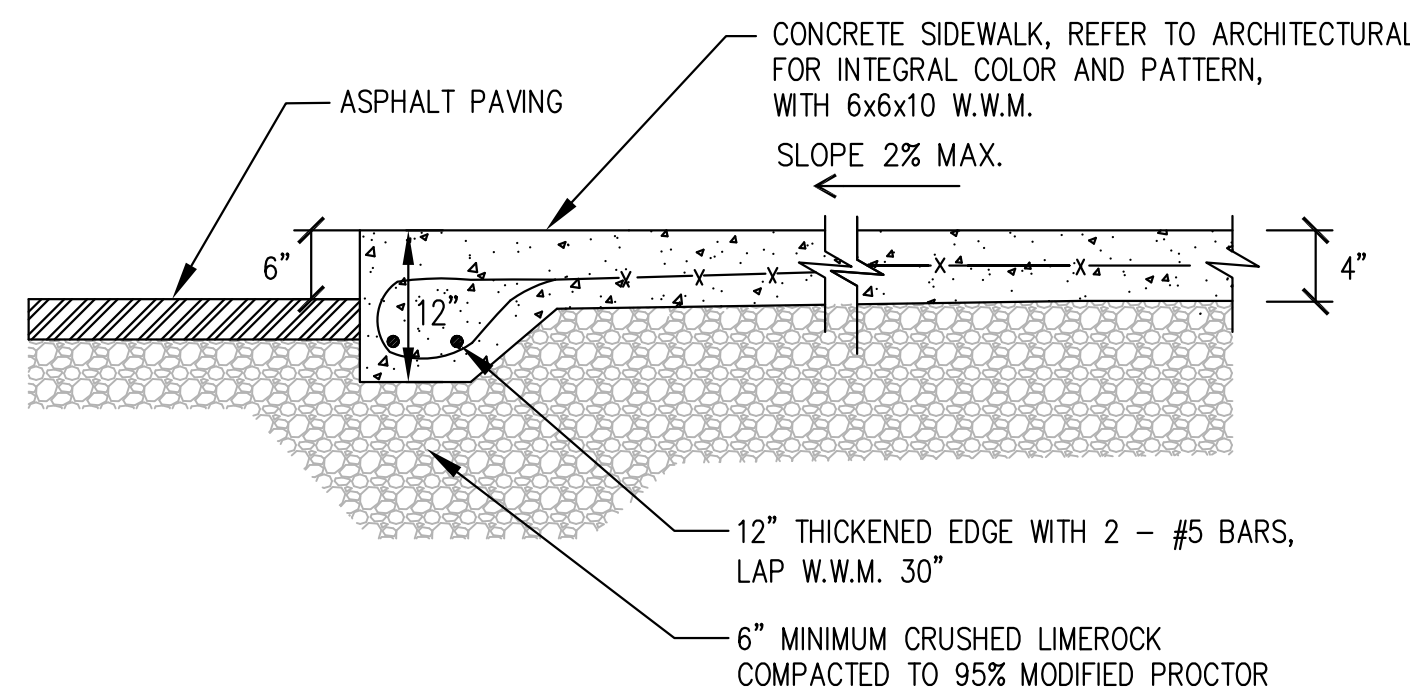
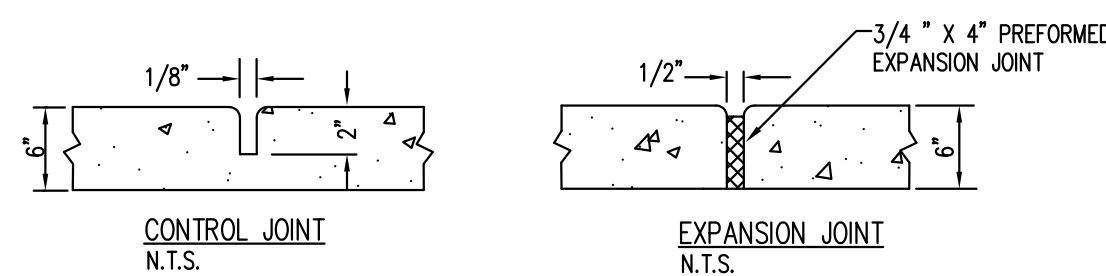
- NOTES:
1. POST - STEEL FLANGED CHANNEL WITH BAKED GREEN ALKYD PER A.S.T.M. - A124 WITHOUT ANCHOR PLATES.
  2. CONCRETE BASE SHALL BE 3,000 PSI CONCRETE.
  3. SIGN TO CONFORM TO MUTCD R1-1-30"x30" (HIGH INTENSITY).

STOP SIGN  
SCALE: NTS



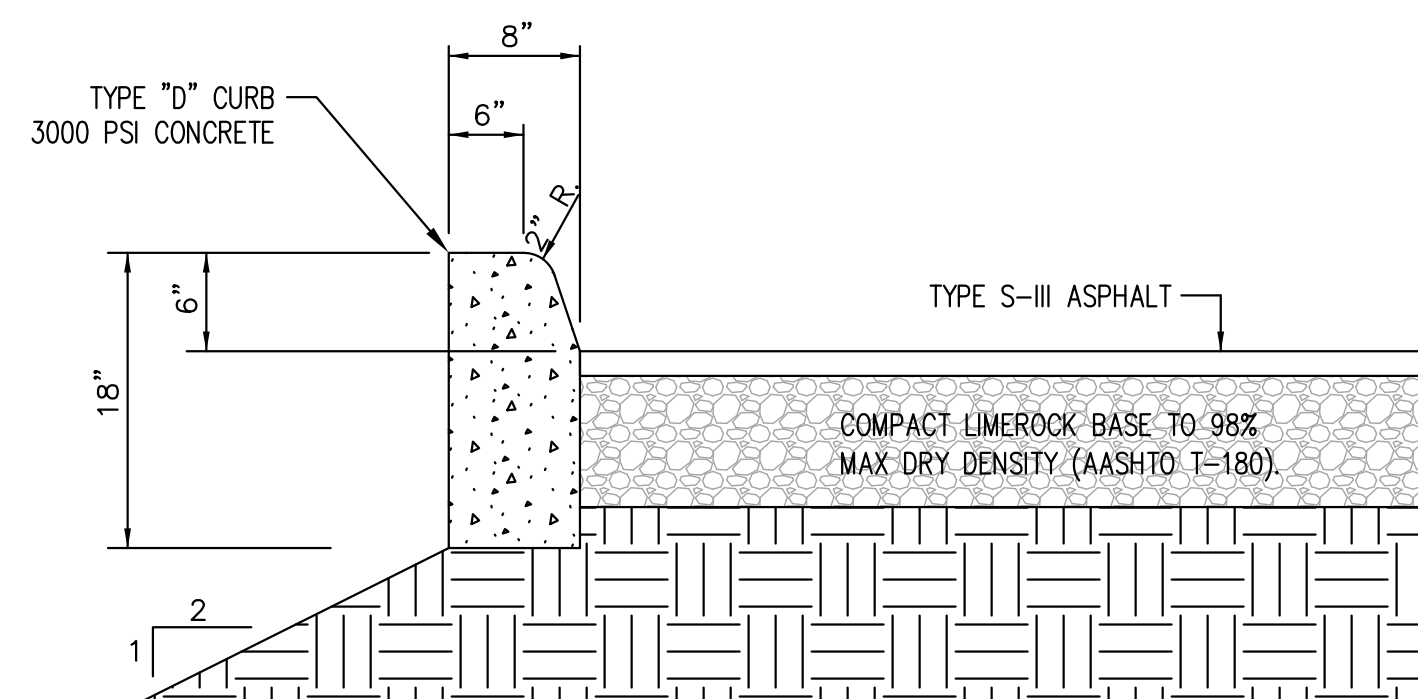
- NOTES:
1. 1/2" BITUMINOUS EXPANSION JOINTS SHALL BE PLACED AT ALL CONCRETE EDGES AND AT 15' MAX INTERVALS.
  2. 2" DEEP CONTROL JOINTS SHALL BE PLACED AT 6' MAX. INTERVALS.
  3. CRUSHED LIMEROCK BASE SHALL EXTEND A MINIMUM OF 6" BEYOND EDGE OF CONCRETE.

TYPICAL CONCRETE SLAB SECTION  
SCALE: NTS

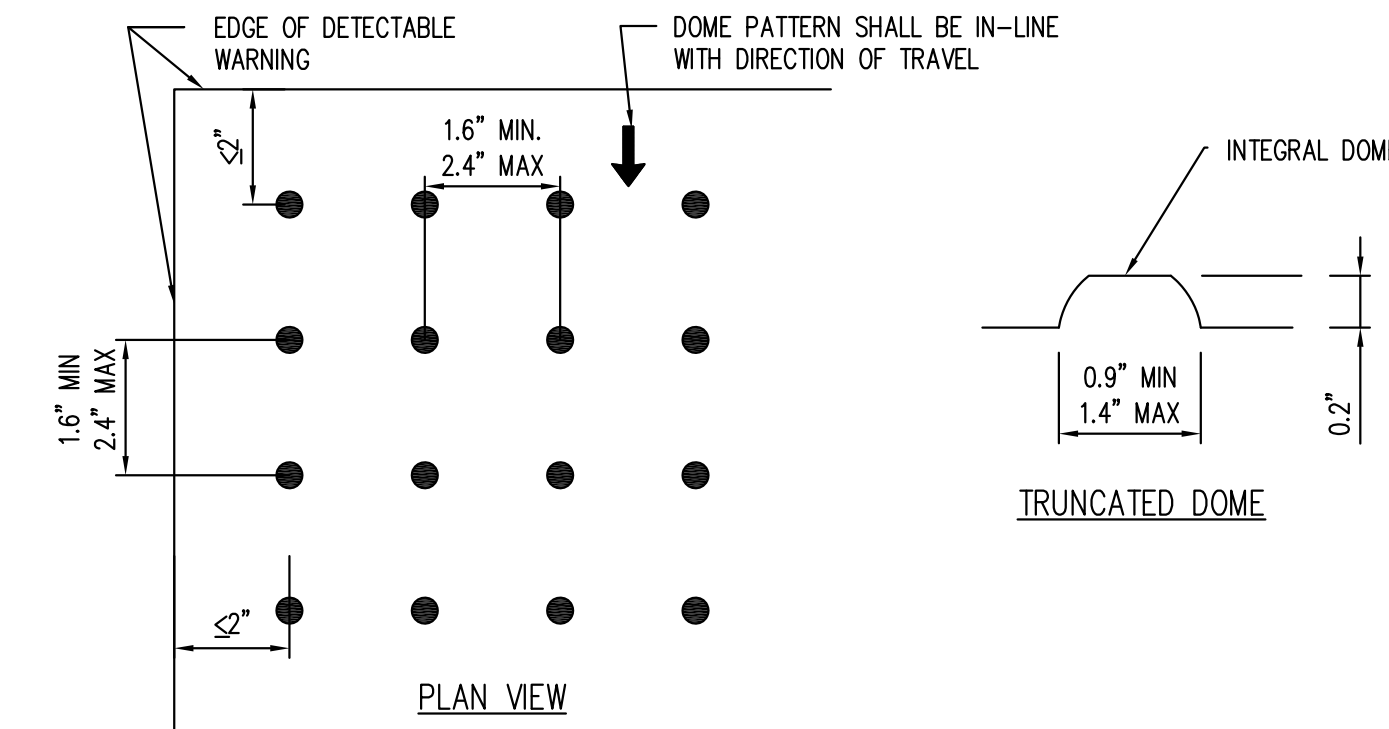


- NOTES:
1. 3/4" BITUMINOUS EXPANSION JOINTS SHALL BE PLACED AT ALL CONCRETE EDGES AND AT 15' INTERVALS.
  2. 2" DEEP CONTROL JOINTS SHALL BE PLACED AT 5' INTERVALS.
  3. CRUSHED LIMEROCK BASE SHALL EXTEND A MINIMUM OF 6" BEYOND EDGE OF CONCRETE.

TYPICAL SIDEWALK  
SCALE: NTS



TYPE "D" CURB  
SCALE: NTS

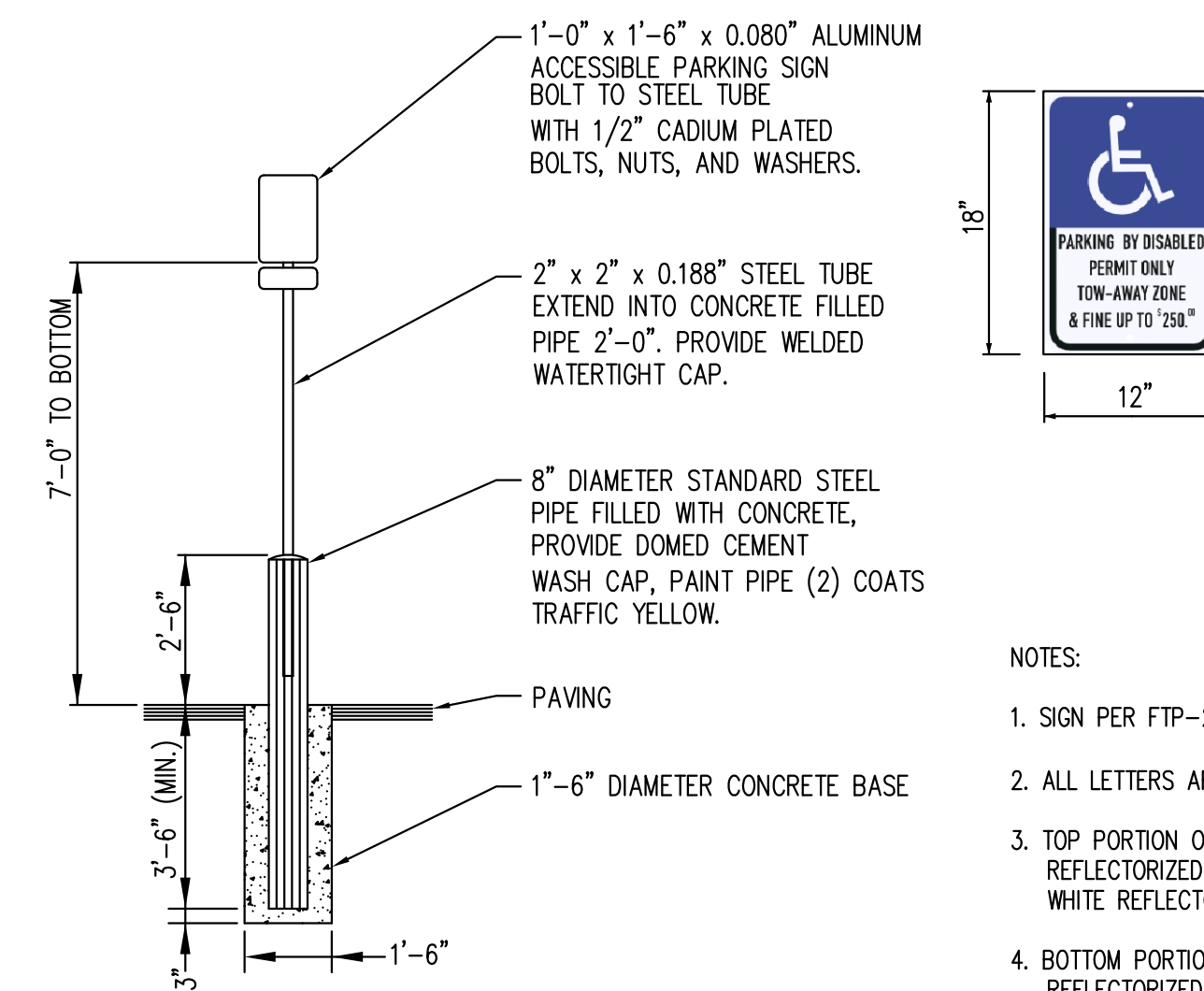


CFR TITLE 28 CHAPTER I PART 36 4.29.2: DETECTABLE WARNINGS ON WALKING SURFACES. DETECTABLE WARNINGS SHALL CONSIST OF RAISED TRUNCATED DOMES WITH A DIAMETER OF NOMINAL 0.9 IN (23 MM), A HEIGHT OF NOMINAL 0.2 IN (5 MM) AND A CENTER-TO-CENTER SPACING OF NOMINAL 2.35 IN (60 MM) AND SHALL CONTRAST VISUALLY WITH ADJOINING SURFACES, EITHER LIGHT-ON-DARK, OR DARK-ON-LIGHT. THE MATERIAL USED TO PROVIDE CONTRAST SHALL BE AN INTEGRAL PART OF THE WALKING SURFACE.

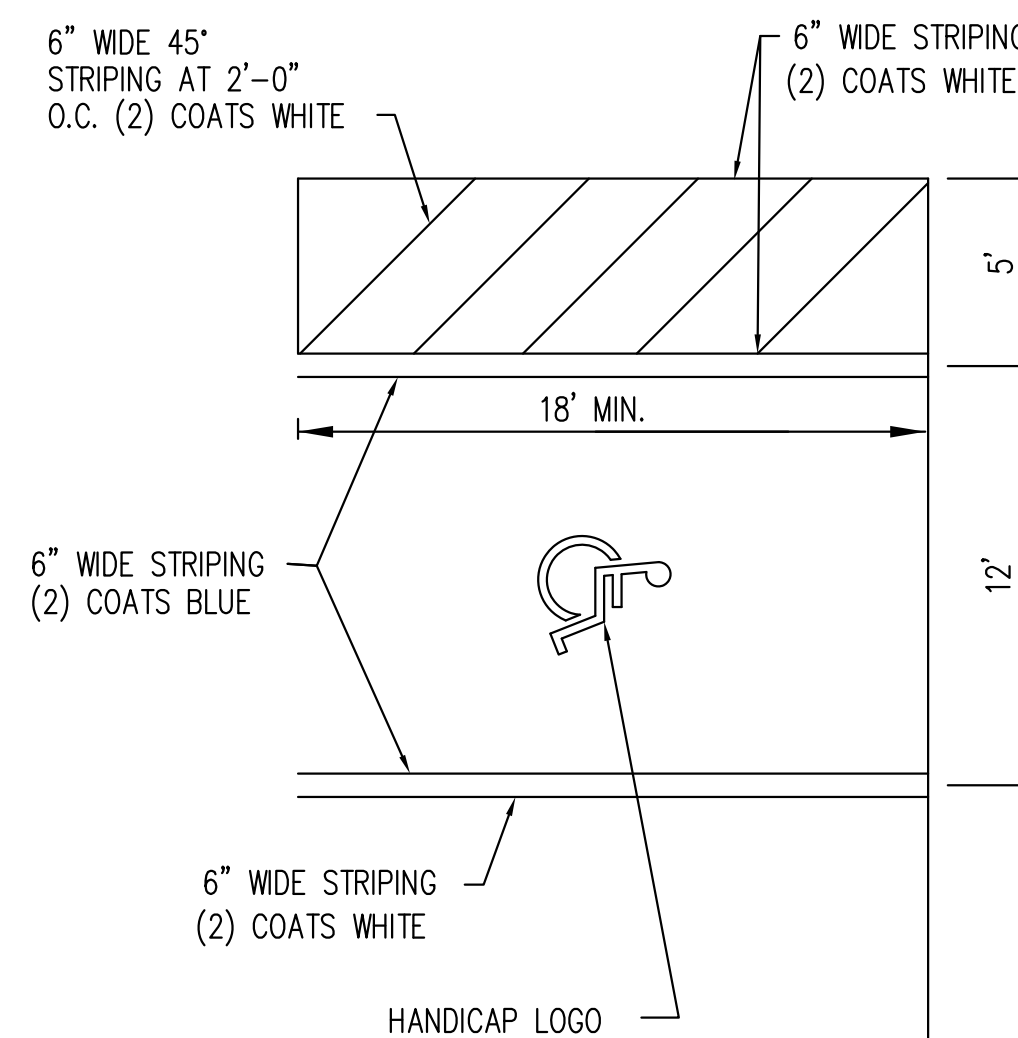
4.29.5 IF A WALK CROSSES OR ADJOINS A VEHICULAR WAY, THE BOUNDARY BETWEEN THE AREAS SHALL BE DEFINED BY A CONTINUOUS DETECTABLE WARNING WHICH IS 36 INCHES WIDE, COMPLYING WITH 4.29.2.

4.7.7 A CURB RAMP SHALL HAVE A DETECTABLE WARNING COMPLYING WITH 4.29.2. THE DETECTABLE WARNING SHALL EXTEND THE FULL WIDTH AND DEPTH OF THE CURB RAMP.

DETECTABLE WARNING  
SCALE: NTS

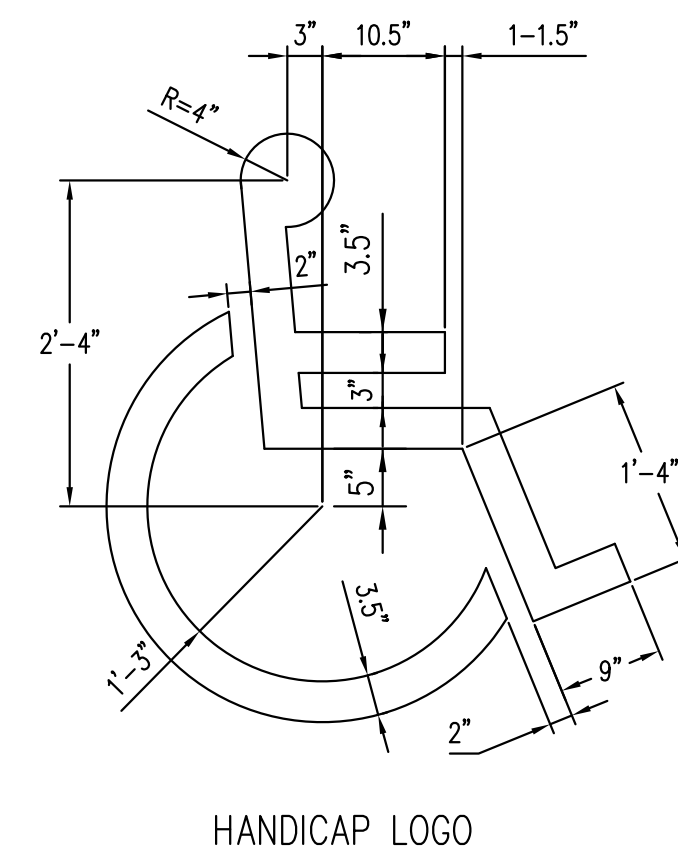


- NOTES:
1. SIGN PER FTP-25
  2. ALL LETTERS ARE 1" SERIES C.
  3. TOP PORTION OF SIGN SHALL HAVE A REFLECTORIZED BLUE BACKGROUND WITH WHITE REFLECTORIZED LEGEND AND BORDER.
  4. BOTTOM PORTION OF SIGN SHALL HAVE A REFLECTORIZED WHITE BACKGROUND WITH BLACK OPAQUE LEGEND AND BORDER.



ACCESSIBLE PARKING SPACE SHALL BE PAINTED IN ACCORDANCE WITH FDOT INDEX 17346.

ACCESSIBLE PARKING  
SCALE: NTS



HANDICAP LOGO

GRACE  
ENGINEERING

CIVIL ENGINEERING CONSULTANTS  
CERTIFICATE OF AUTHORIZATION  
No. 29280

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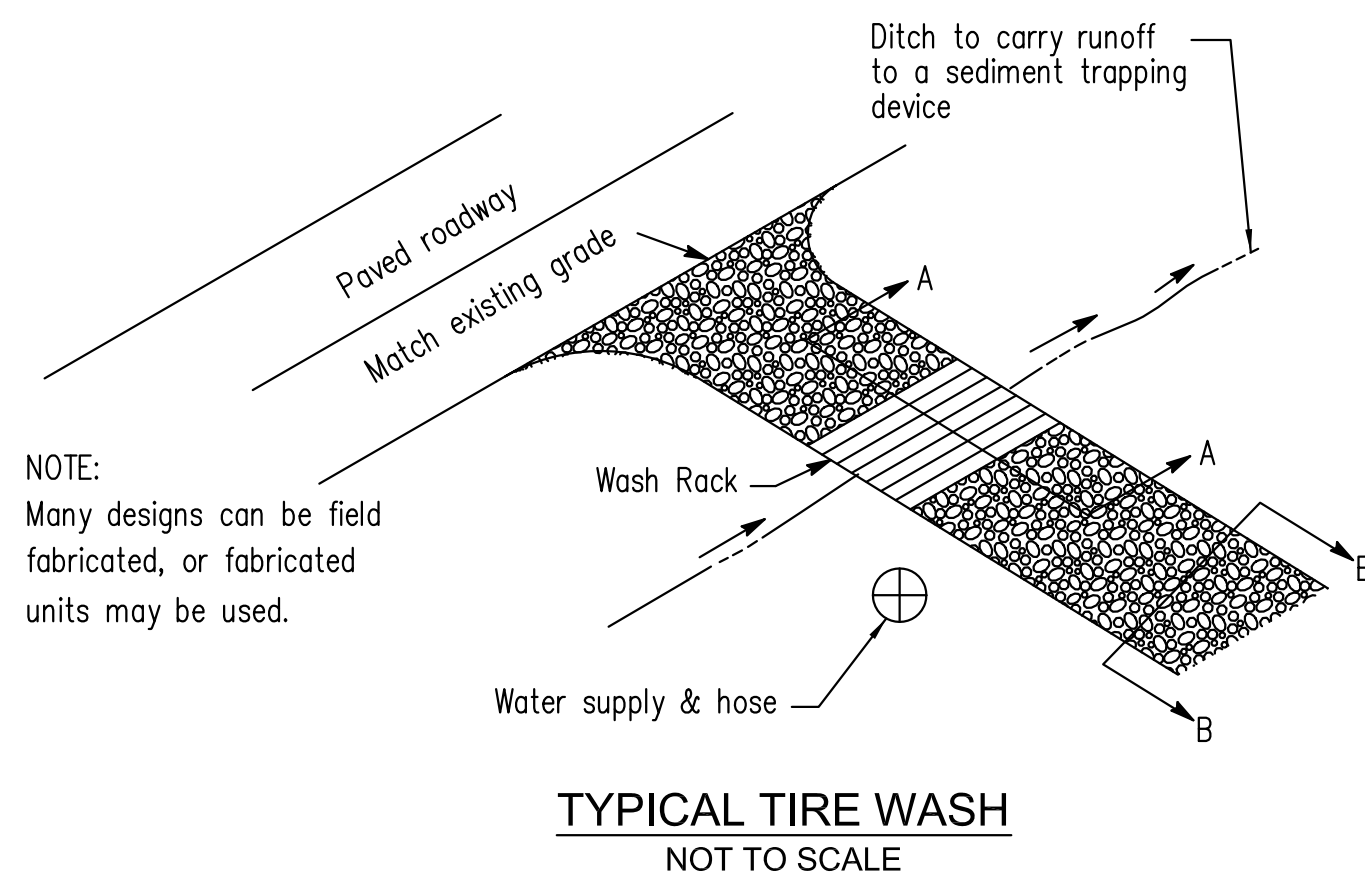
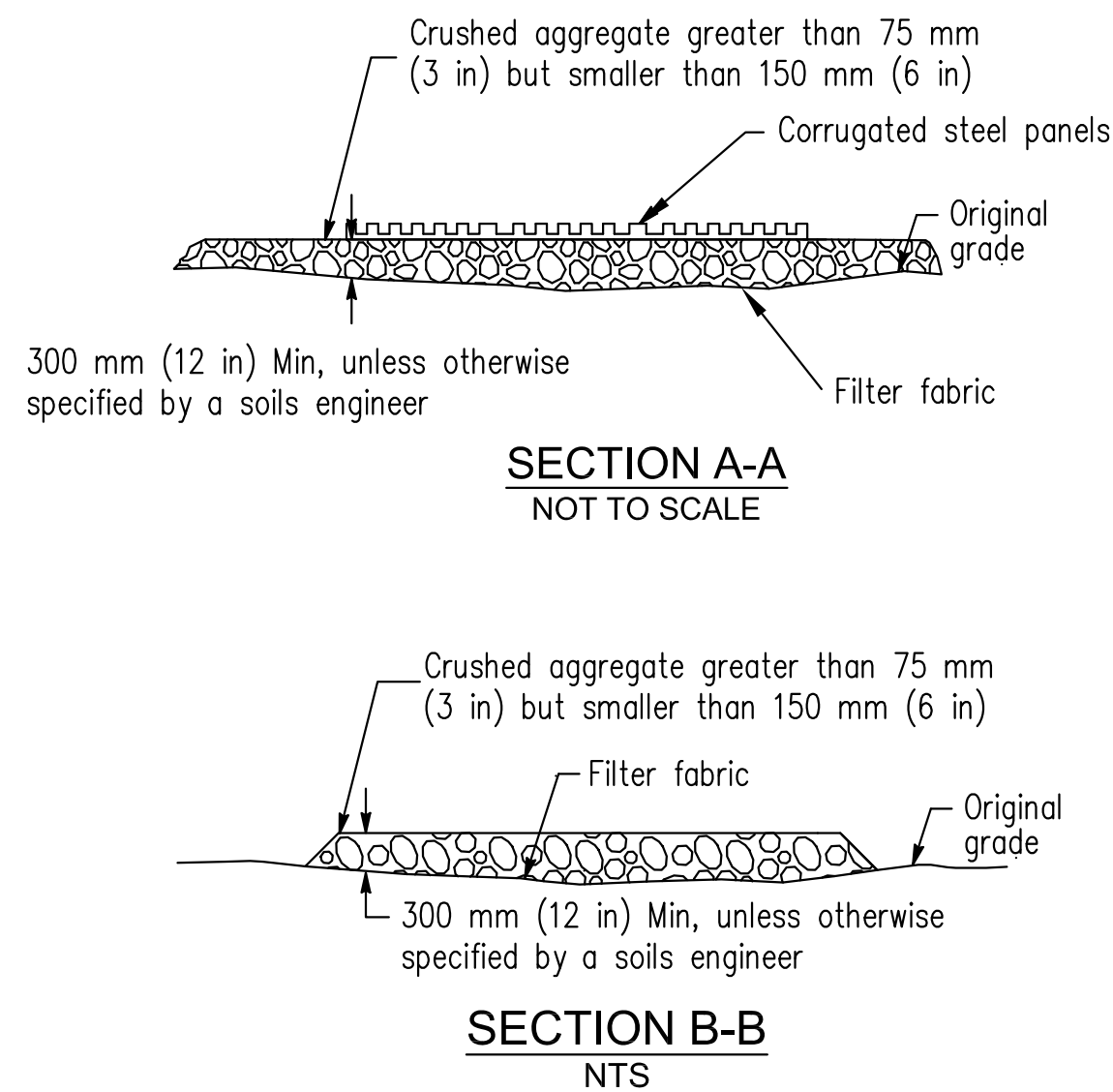
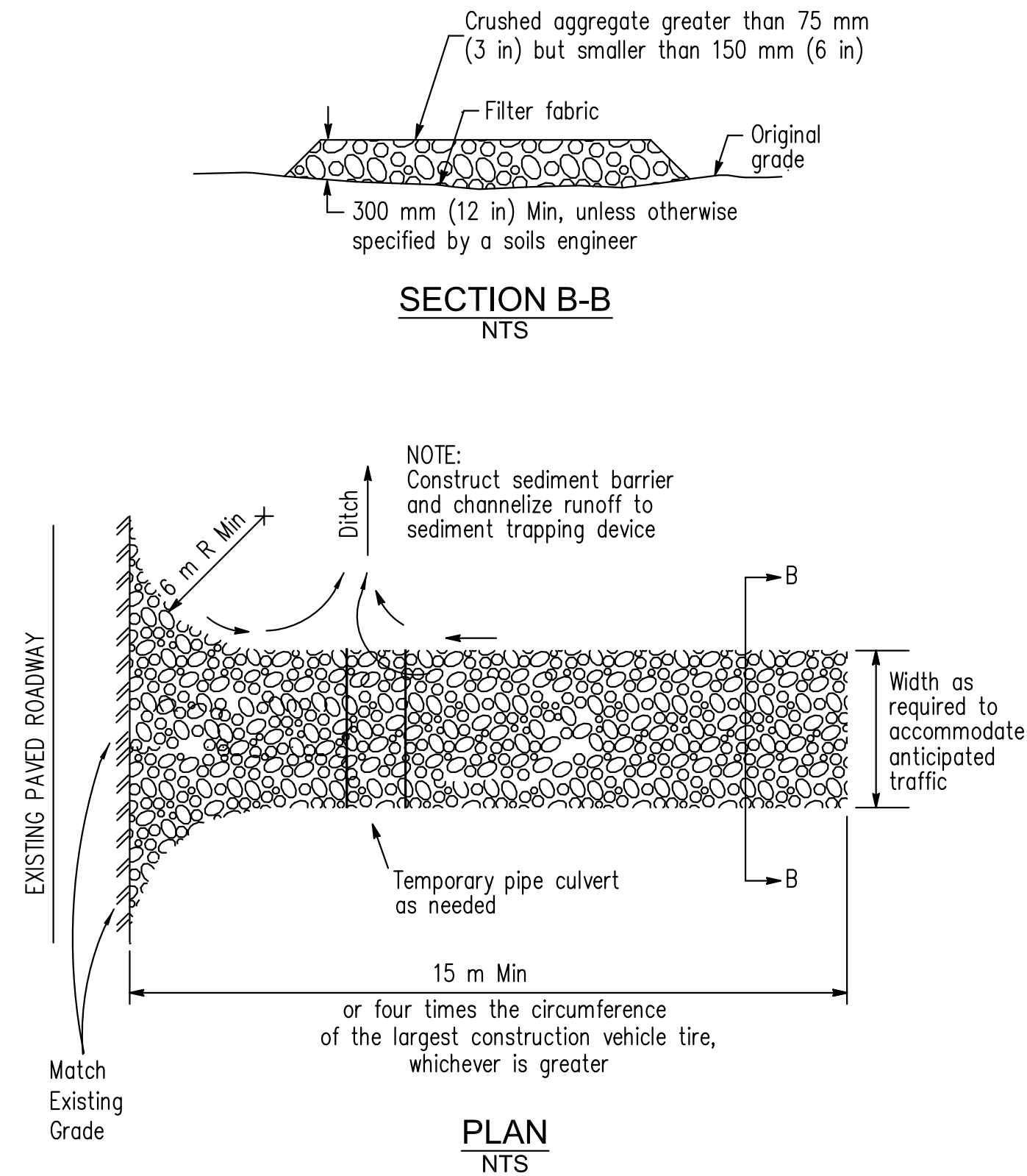
SHEET NAME

DETAILS

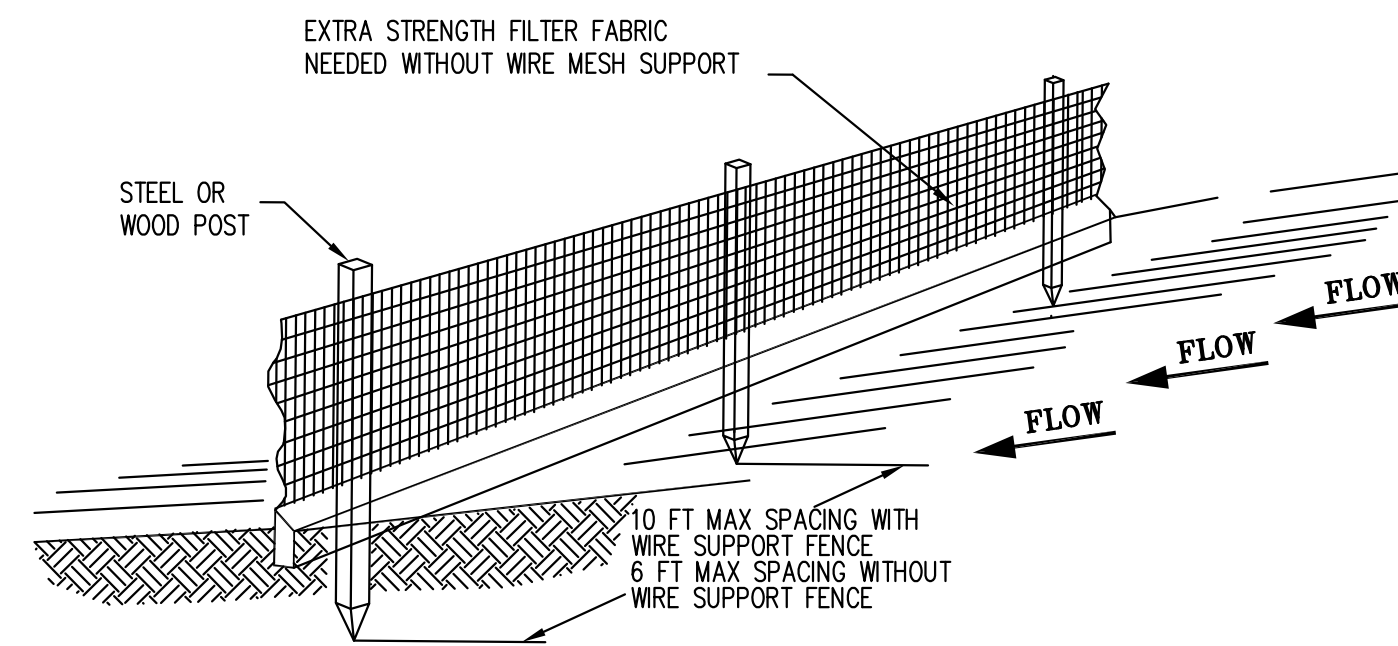
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C-700

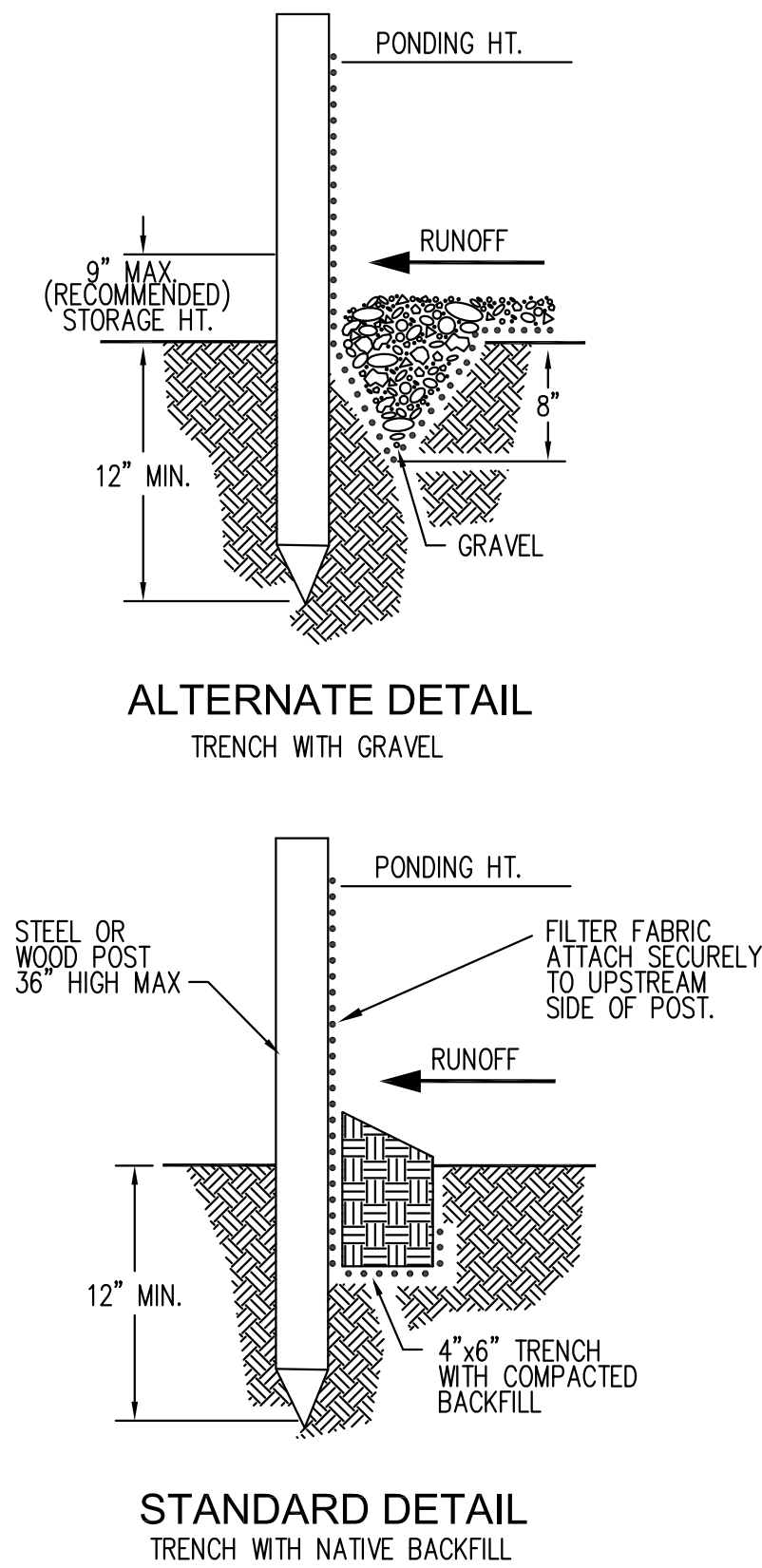




**STABILIZED CONSTRUCTION ENTRANCE**  
SCALE: NTS



- NOTE:**
1. INSPECT AND REPAIR FENCE AFTER EACH STORM EVENT AND REMOVE SEDIMENT WHEN NECESSARY.
  2. REMOVED SEDIMENT SHALL BE DEPOSITED TO AN AREA THAT WILL NOT CONTRIBUTE SEDIMENT OFF-SITE AND CAN BE PERMANENTLY STABILIZED.
  3. SILT FENCE SHALL BE PLACED ON SLOPE CONTOURS TO MAXIMIZE PONDING EFFICIENCY.



## FLEXSTORM CATCH-IT FILTERS FOR TEMPORARY INLET PROTECTION PRODUCT SELECTION AND SPECIFICATION DRAWING

TYPICAL ROUND INLET FILTER

TYPICAL RECTANGULAR INLET FILTER

COMBINATION INLET FILTER FOR CURB INLETS

STAINLESS STEEL ROUND INLET FILTERS for CATCH-BASINS SPECIFIED W/ FX or FX-S BAGS

**1. IDENTIFY YOUR FRAME STYLE AND SIZE**

STYLE	FRAME STYLE AND SIZE	Frame P/N:
ROUND	Small Round (up to 20.0" dia grates (A) dia)	62SRD
	Med Round (20.1" - 26.0" dia grates (A) up to 25" dia openings (B))	62MRD
	Large Round (26.1" - 32.0" dia grates (A) up to 30" dia openings (B))	62LRD
	XL Round (32.1" dia - 39" dia grates (A) up to 37" dia openings (B))	62XLRD
RECT / SQUARE	Small Rect / Square (up to 16" (B) x 16" (D) openings or 64" perimeter)	62SSQ
	Med Rect / Square (up to 24" (B) x 24" (D) openings or 96" perimeter)	62MSQ
	Large Rect / Square (up to 36" (B) x 24" (D) openings or 120" perimeter)	62LSQ
	XL Rect / Square (side by side 2 pc set to fit up to 48" (B) x 36" (D) openings)	62XLSQ
COMB INLETS	Small Rect / Square (ref Rect sizing; shipped with Magnetic Curb Flaps)	62SCB
	Med Rect / Square (ref Rect sizing; shipped with Magnetic Curb Flaps)	62MCB
	Large Rect / Square (ref Rect sizing; shipped with Magnetic Curb Flaps)	62LCB
	XL Rect / Square (ref Rect sizing; shipped with Magnetic Curb Flaps)	62XLCB
NYLOPLAST	12" diameter Nyloplast castings (Stainless Steel Framing standard)	6212NY
	15" diameter Nyloplast castings (Stainless Steel Framing standard)	6215NY
	18" diameter Nyloplast castings (Stainless Steel Framing standard)	6218NY
	24" diameter Nyloplast castings (Stainless Steel Framing standard)	6224NY
	30" diameter Nyloplast castings (Stainless Steel Framing standard)	6230NY

**2. SELECT YOUR BAG PART NUMBER**

FLEXSTORM FILTER BAGS	(22" depth) STD Bag P/N	(12" depth) Short Bag P/N	Clean Water Flow Rate (GPM/SqFt)	Min A.O.S. (US Sieve)
FX: Standard Woven Bag	FX	FX-S	200	40
IL: IDOT Non-Woven Bag	IL	IL-S	145	70

**3. CREATE YOUR FLEXSTORM INLET FILTER PART NUMBER**

Frame P/N from Step 1.
Filter Bag P/N from Step 2.

**INSTALLATION:**

1. REMOVE GRATE
2. DROP FLEXSTORM INLET FILTER ONTO LOAD BEARING LIP OF CASTING OR CONCRETE STRUCTURE
3. REPLACE GRATE

**NOTES:**

1. ALL FRAMING IS CONSTRUCTED OF CORROSION RESISTANT STEEL (ZINC PLATED OR GALVANIZED) FOR 7 YEAR MINIMUM SERVICE LIFE.
2. UPON ORDERING CONFIRMATION OF THE DOT CALLOUT, PRECAST OR CASTING MAKE AND MODEL, OR DETAILED DIMENSIONAL FORMS MUST BE PROVIDED TO CONFIGURE AND ASSEMBLE YOUR CUSTOMIZED FLEXSTORM INLET FILTER. PART NUMBER ALONE IS NOT SUFFICIENT.
3. FOR WRITTEN SPECIFICATIONS AND MAINTENANCE GUIDELINES VISIT [WWW.INLETFILTERS.COM](http://WWW.INLETFILTERS.COM)

**SPECIFICATIONS FOR STANDARD BAGS BY NOMINAL SIZE**

Nominal Bag Size	Solids Storage (CuFt)	Filtered Flow Rate at 50% Max (CFS)
Small	1.6	1.2
Medium	2.1	1.7
Large	3.8	2.7
XL	4.2	3.6

**FLEXSTORM INLET FILTERS™**

**CATCH IT**

ALL PRODUCTS MANUFACTURED BY INLET & PIPE PROTECTION, INC A DIVISION OF ADS, INC. [WWW.INLETFILTERS.COM](http://WWW.INLETFILTERS.COM)

(866) 287-8655 PH  
(630) 355-3477 FX  
INFO@INLETFILTERS.COM

SIZE: C SCALE: 1" = 1'-0" DWG NO: FLEXSTORM\_CATCH\_IT REV: A

SHEET 1 OF 1

## GRACE ENGINEERING

CIVIL ENGINEERING CONSULTANTS  
CERTIFICATE OF AUTHORIZATION  
No. 29280

17110 SW 64TH COURT  
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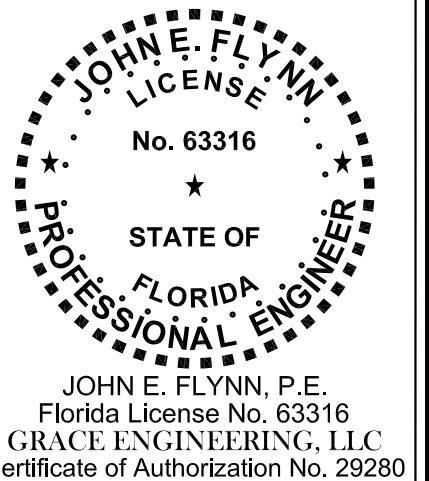
Prepared For:

Chai Developers  
Limited Partnership  
101 S. State Road 7, Suite # 205  
Hollywood, Florida 33023

PROJECT:  
**ELI'S SHOPPING CENTER**  
101 South State Road 7

FLORIDA

HOLLYWOOD



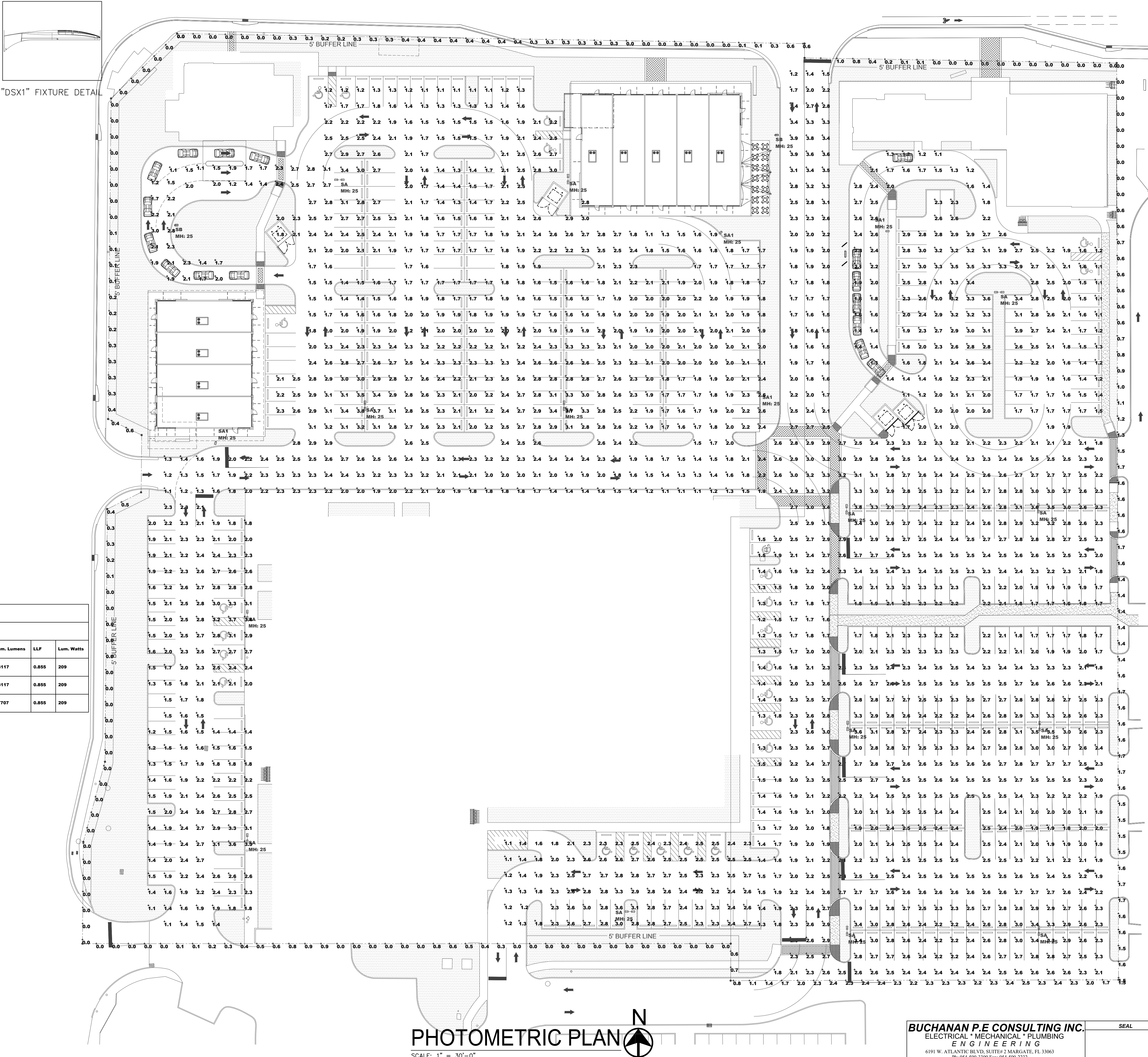
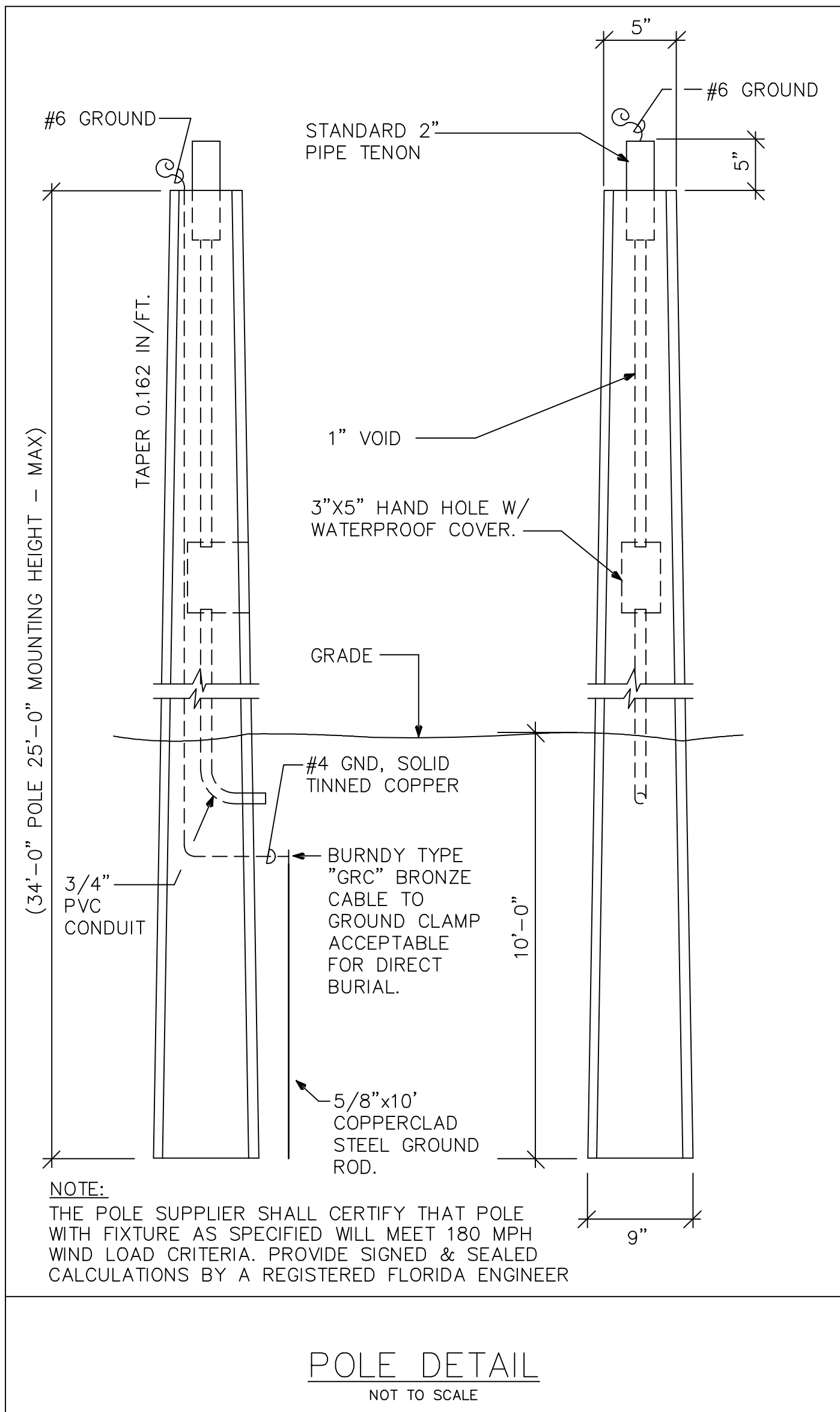
SHEET NAME

**DETAILS**

SHEET NUMBER

**C-800**





Luminaire Schedule									
Project: ELI'S SHOPPING CENTER - SITE_REV 3    HOLLYWOOD, FL    01/15/2018									
Symbol	Qty	Label	Arrangement	Manufacturer	Description	Lum. Lumens	LLF	Lum. Watts	
	13	SA	BACK-BACK	Lithonia Lighting	DSX1 LED 60C 1000 50K TSW MVOLT    MH: 25' POLE MOUNT A.F.G.	23117	0.855	209	
	4	SA1	SINGLE	Lithonia Lighting	DSX1 LED 60C 1000 50K TSW MVOLT    MH: 25' POLE MOUNT A.F.G.	23117	0.855	209	
	2	SB	SINGLE	Lithonia Lighting	DSX1 LED 60C 1000 50K TFTM MVOLT HS    MH: 25' POLE MOUNT A.F.G.	17707	0.855	209	

Calculation Summary							
Project: ELI'S SHOPPING CENTER - SITE_REV 3    HOLLYWOOD, FL    01/15/2018							
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min
PARKING LOT	Illuminance	Fc	2.22	3.9	1.1	2.02	3.55
PROPERTY LINE EAST	Illuminance	Fc	1.12	1.7	0.0	N.A.	N.A.
PROPERTY LINE NORTH	Illuminance	Fc	0.22	1.0	0.0	N.A.	N.A.
PROPERTY LINE SOUTH	Illuminance	Fc	0.90	2.5	0.0	N.A.	N.A.
PROPERTY LINE WEST	Illuminance	Fc	0.09	0.6	0.0	N.A.	N.A.

PHOTOMETRIC PLAN

SCALE: 1" = 30'-0"

BUCHANAN P.E CONSULTING INC.

ELECTRICAL • MECHANICAL • PLUMBING

ENGINEERING

6191 W. ATLANTIC BLVD., SUITE 2 MARAGATE, FL 33063

Ph: 954-590-3300 Fax: 954-590-2232

Email: BUCHANAN@MEPEngineers.COM

CERTIFICATE OF AUTHORIZATION # 8842

RAJA BUCHANAN P.E # 48916

MAURICE LORD P.E # 72550

DATE: \_\_\_\_\_

**DesignTech**  
**International**  
Associates, Inc.    AA26001933  
Architecture • Planning • Interior Design  
14125 N.W. 80th Ave, Suite 303  
Miami Lakes, FL 33016  
P: 786-235-9097  
F: 305-362-4420  
dinfo@dtiarchitect.com  
www.dtiarchitect.com

Carlos Pizarro, R.A.  
AR - 0013079

Revisions:	
Date	Description

DEVELOPER:  
**CHAI DEVELOPERS LIMITED**  
101 S STATE RD 7  
HOLLYWOOD, FLORIDA 33023

PROJECT:  
**ELI'S SHOPPING CENTER**  
101 S STATE RD 7  
HOLLYWOOD, FLORIDA 33023

Job Number: 15087.02  
File name:  
Issued Date: 11/09/2016  
Drawn by: J.C  
Checked by: C.C / C.P

SHEET NAME  
**SITE  
PHOTOMETRIC  
PLAN**

SHEET NUMBER  
**PH-1**