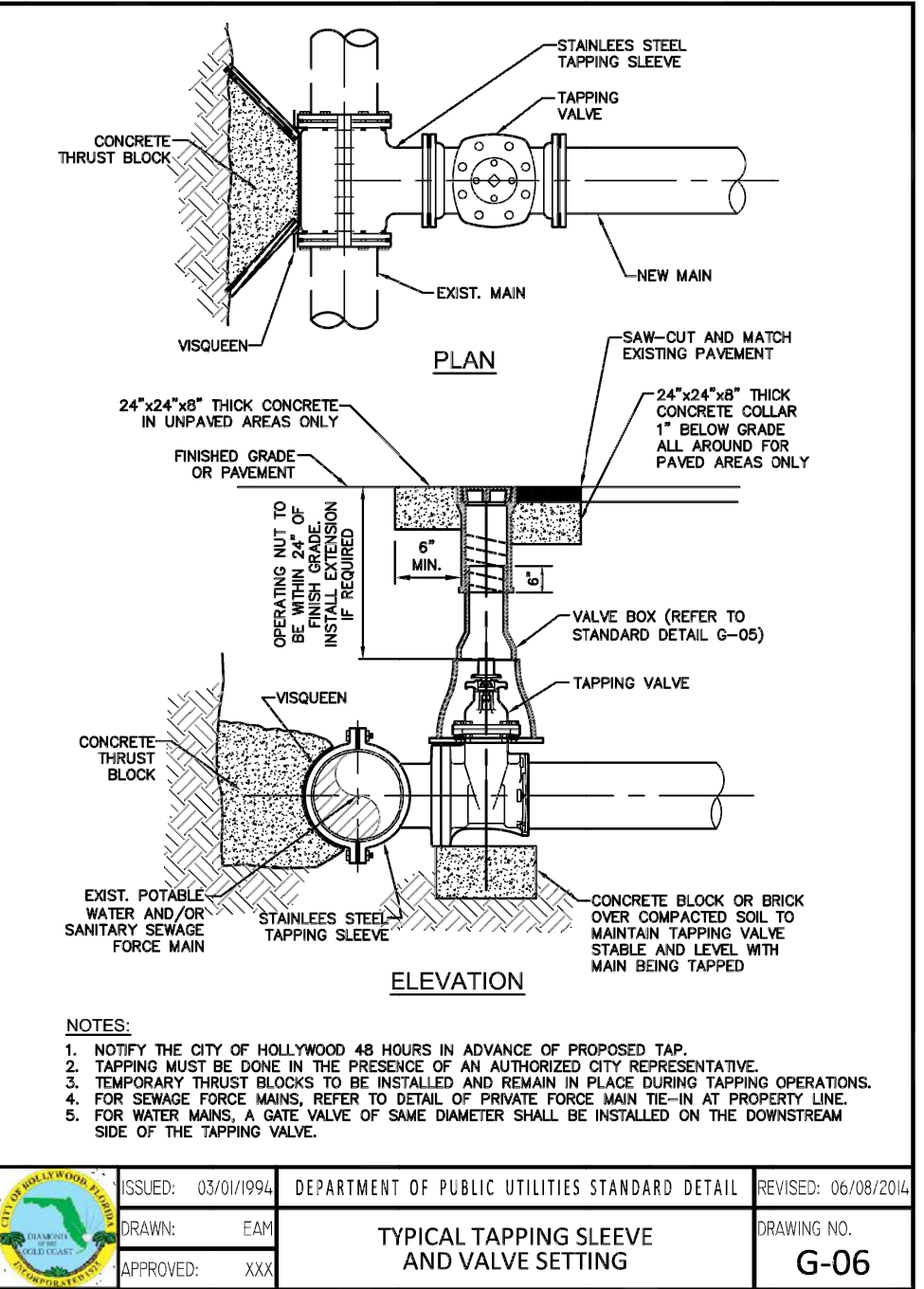
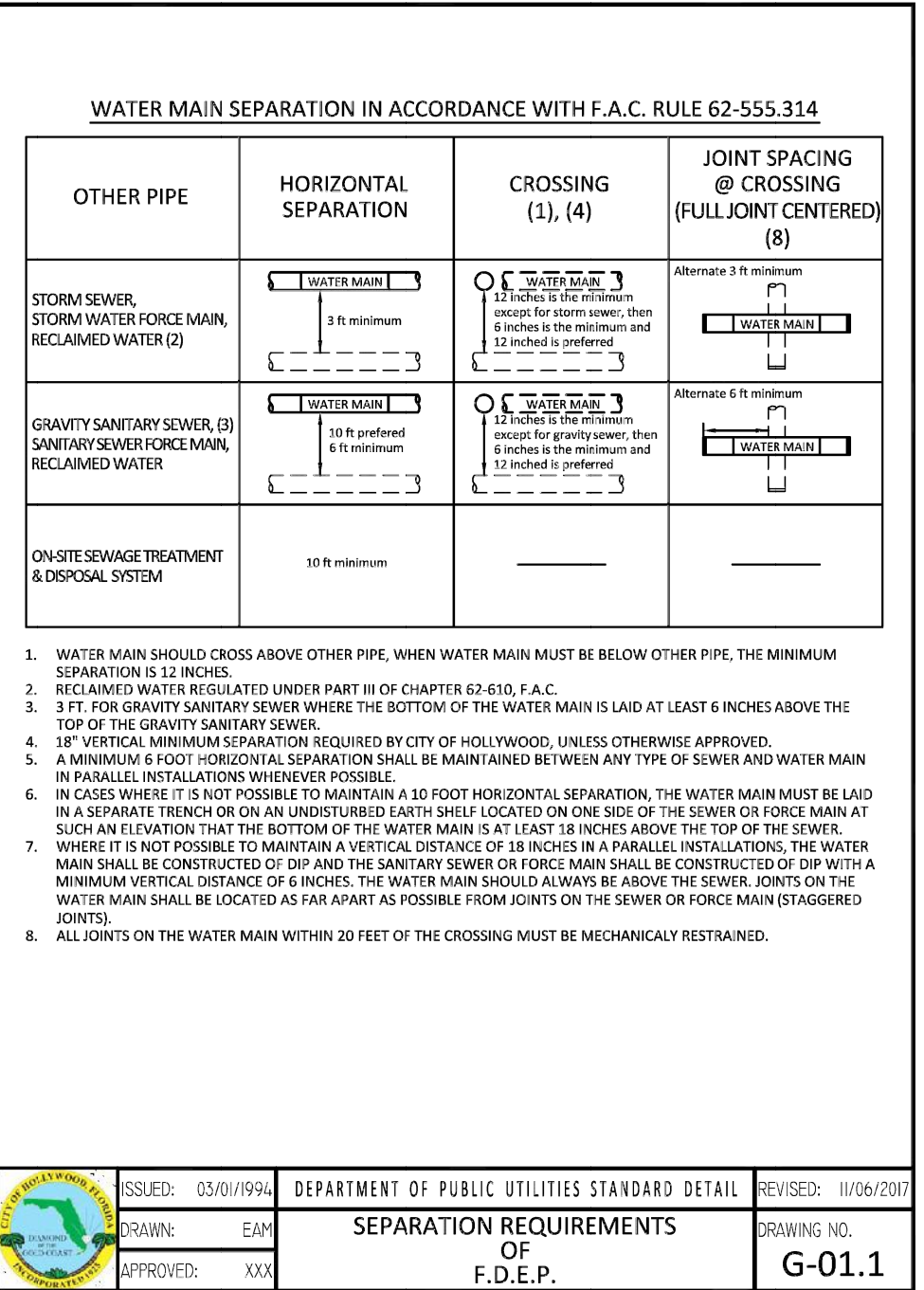
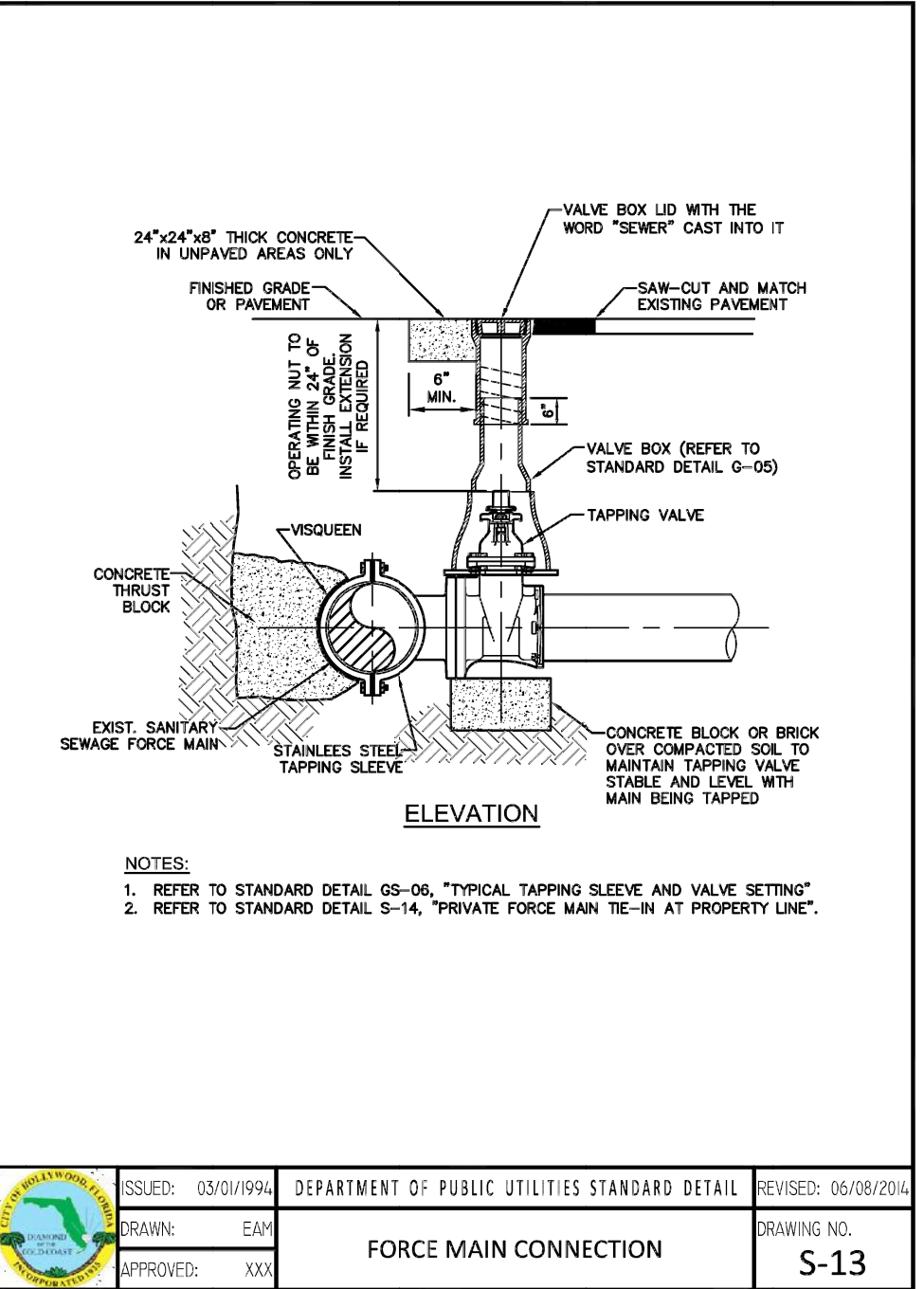
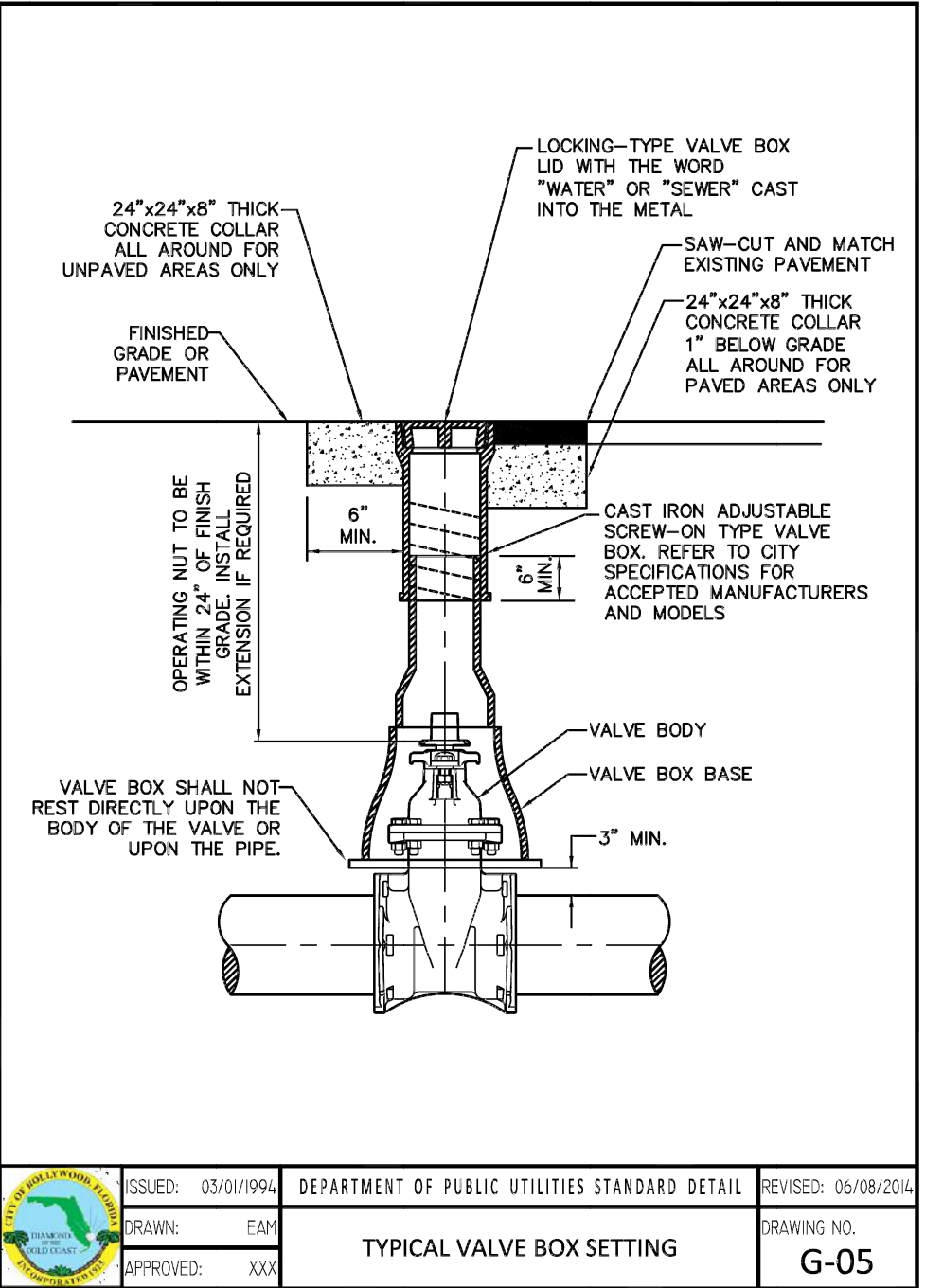
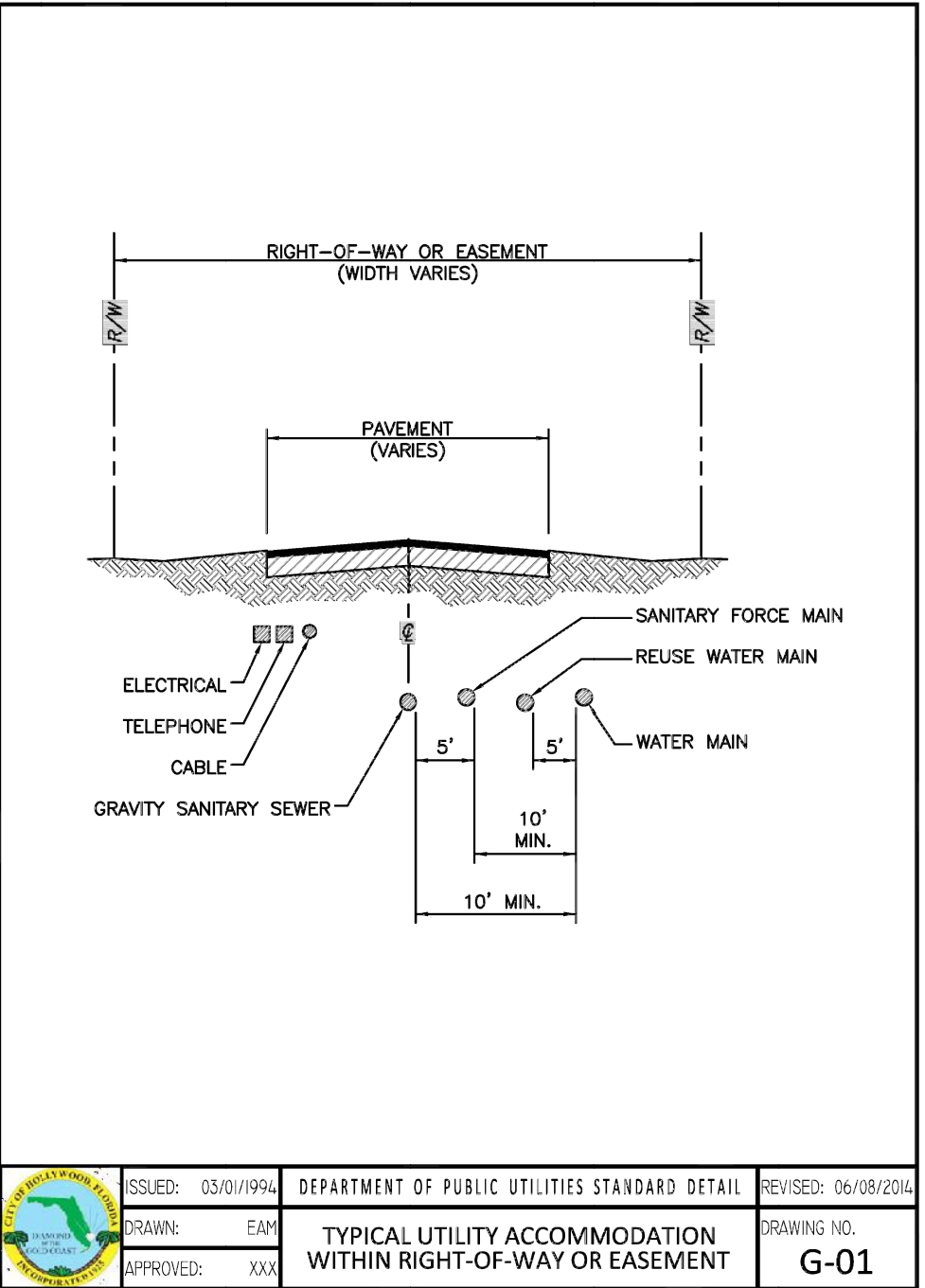
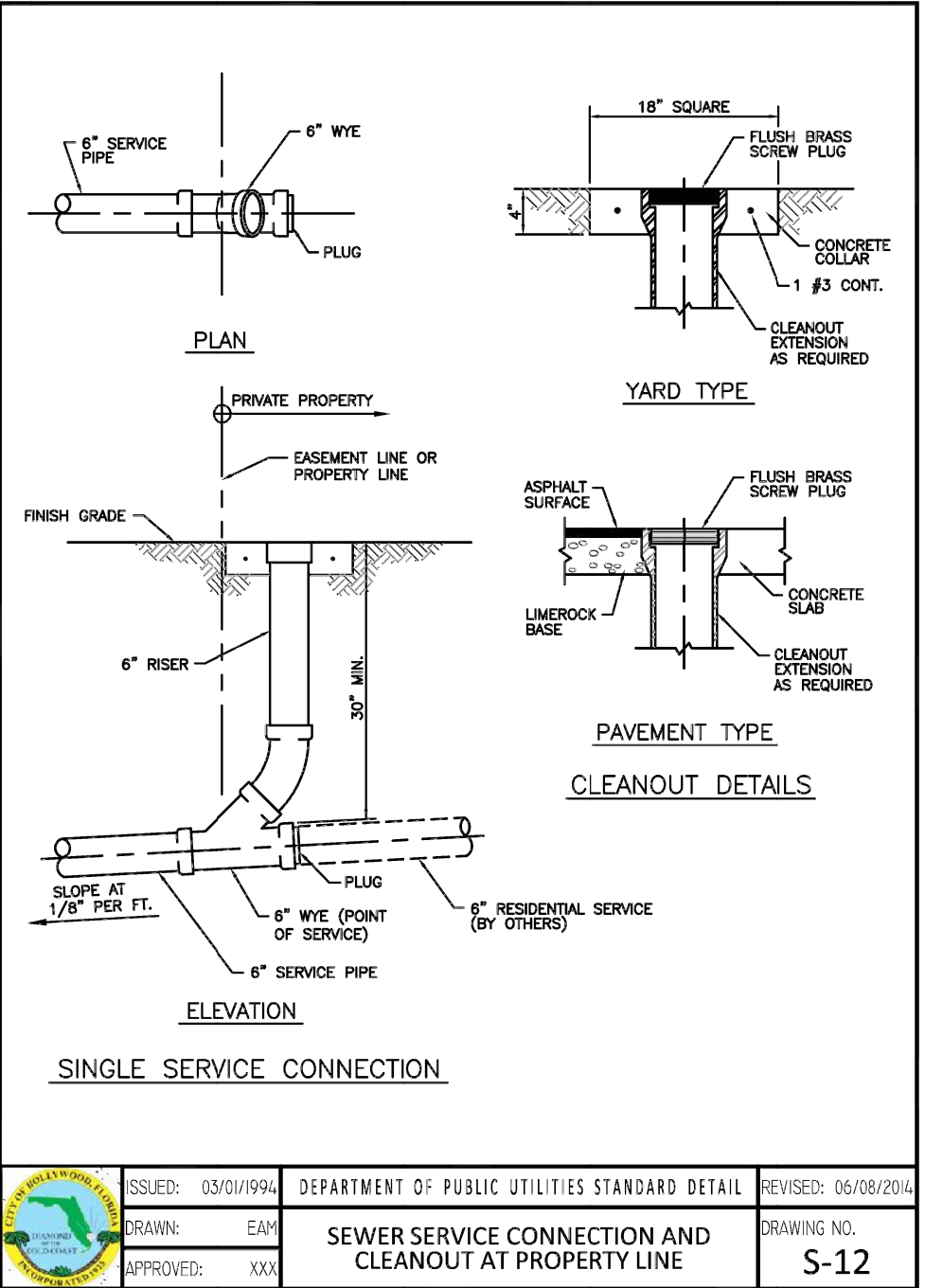
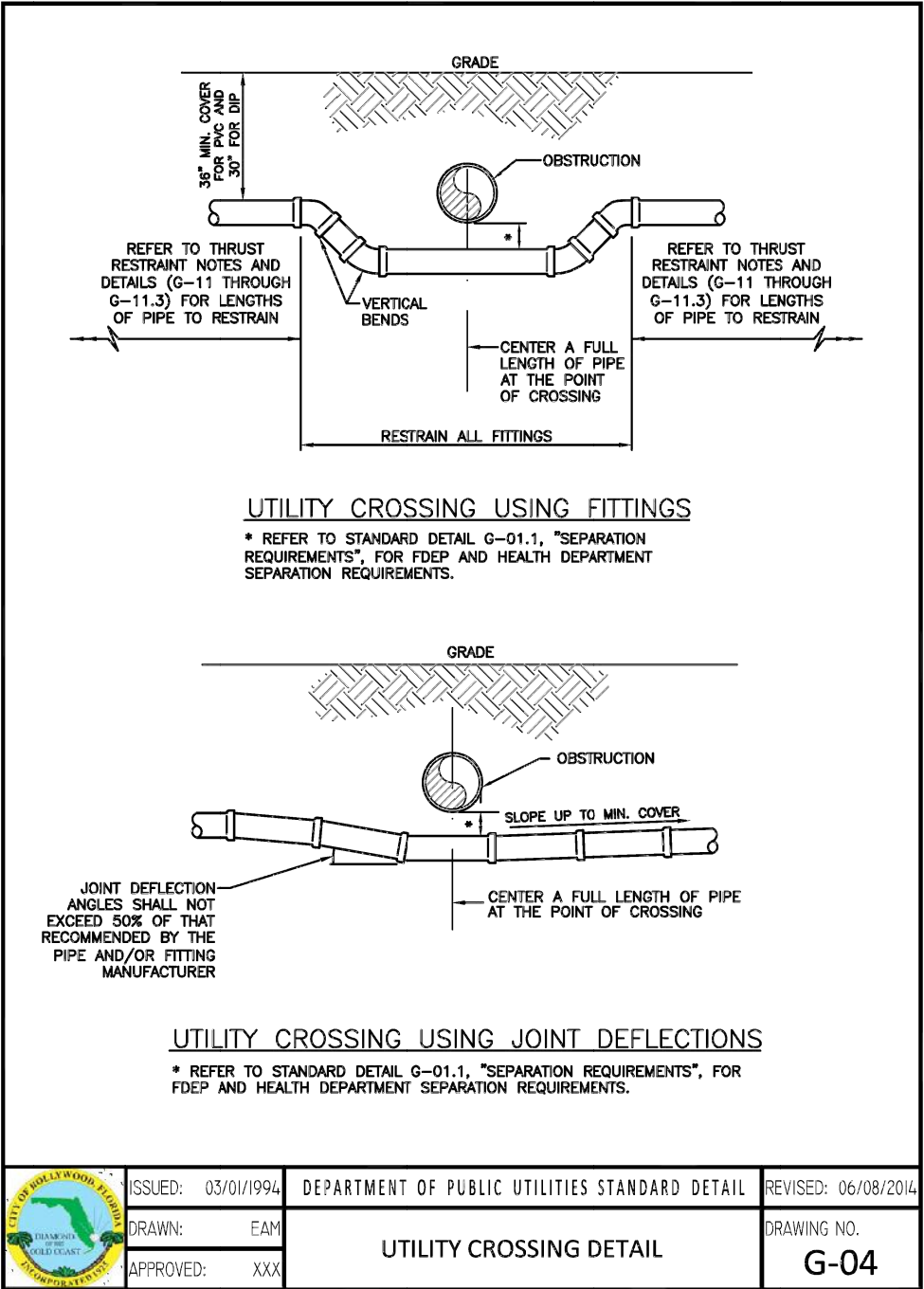
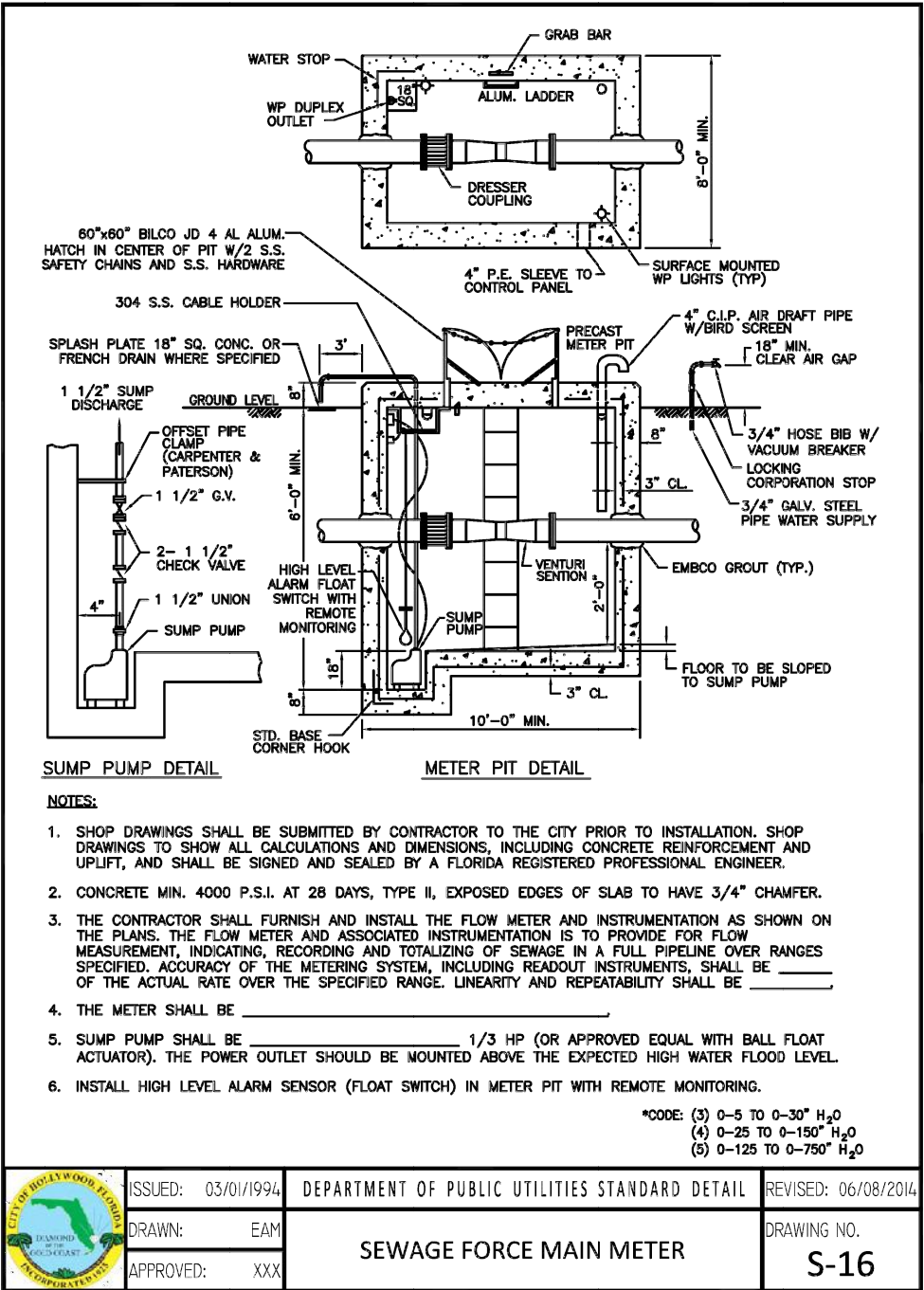
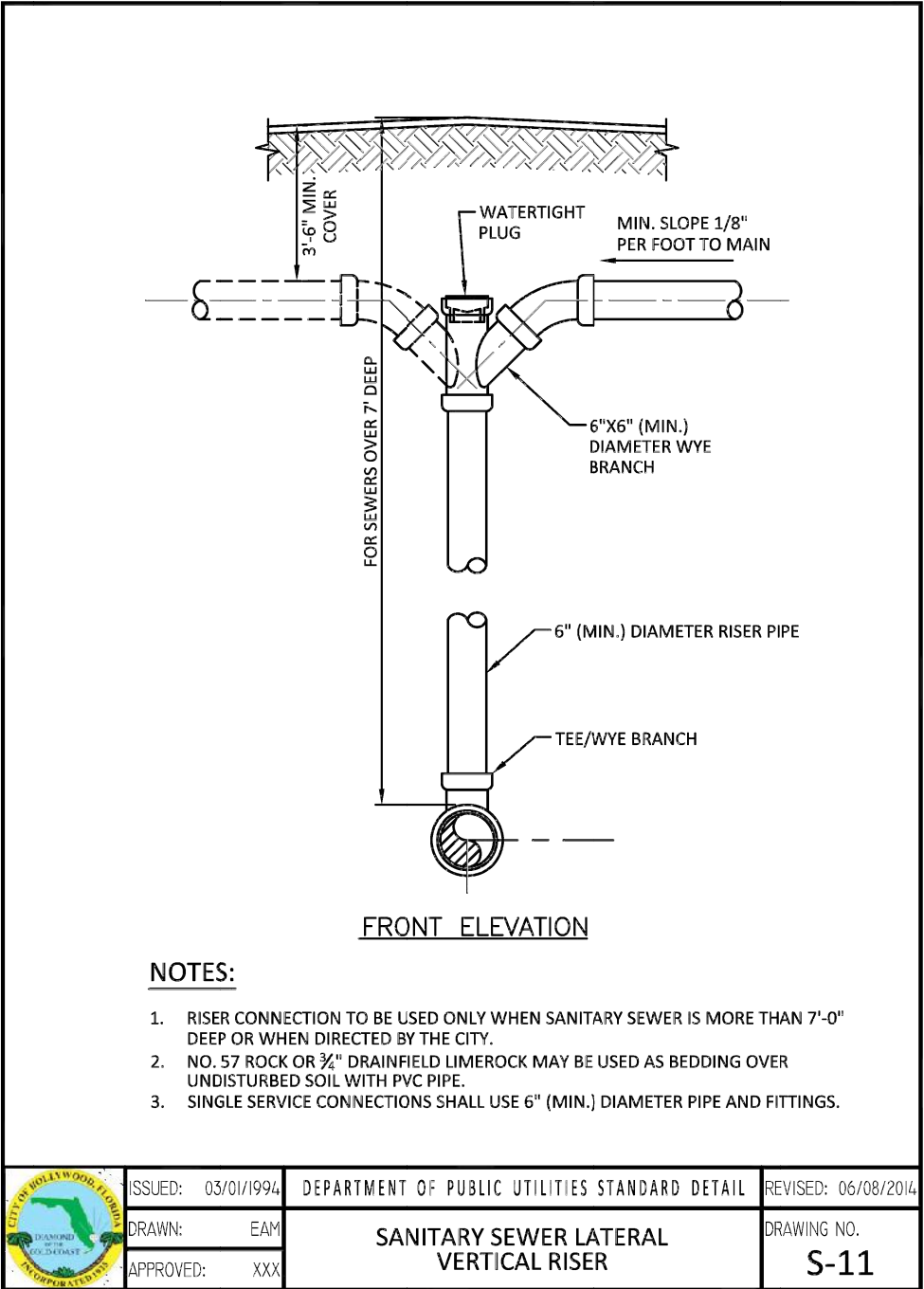
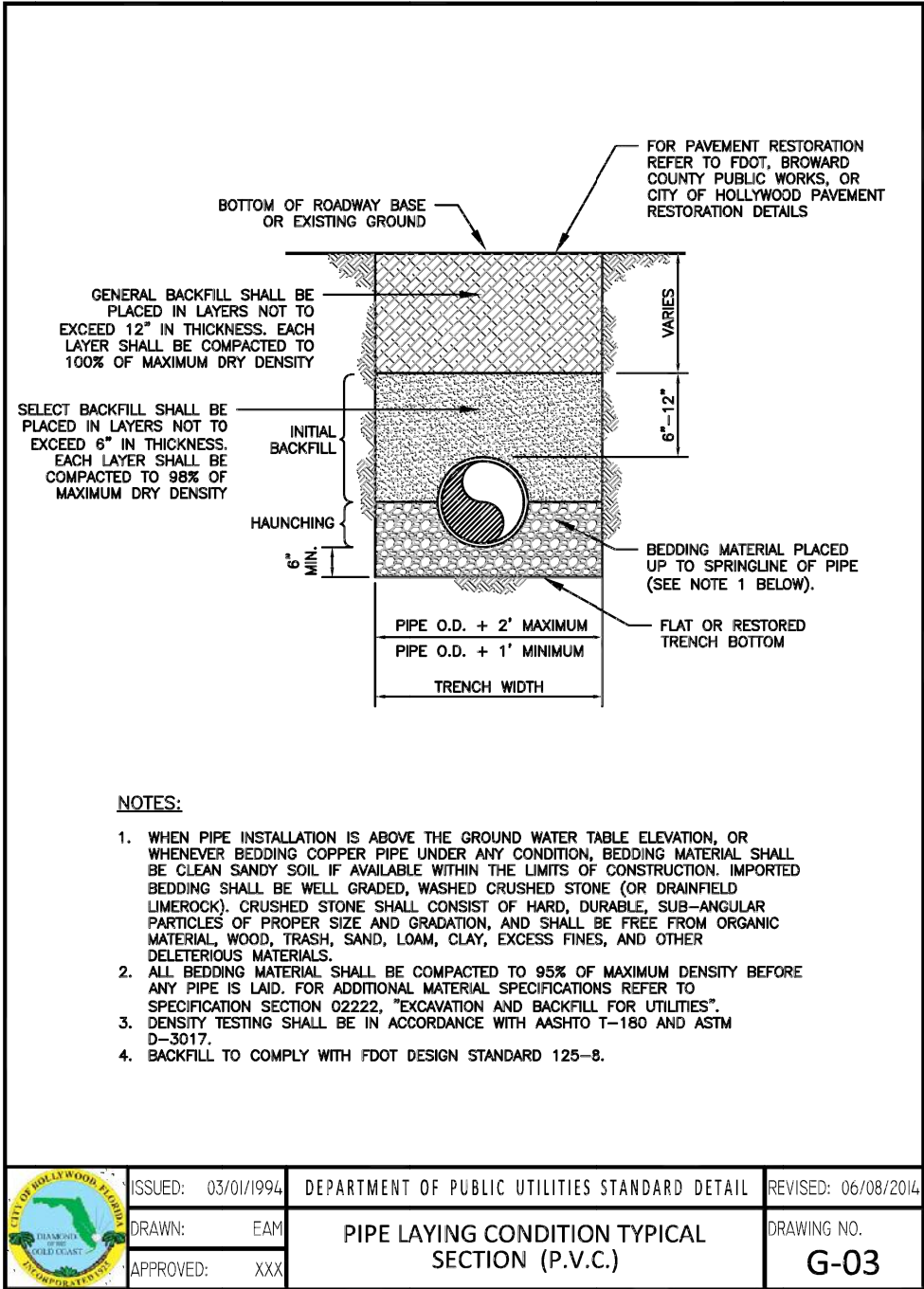
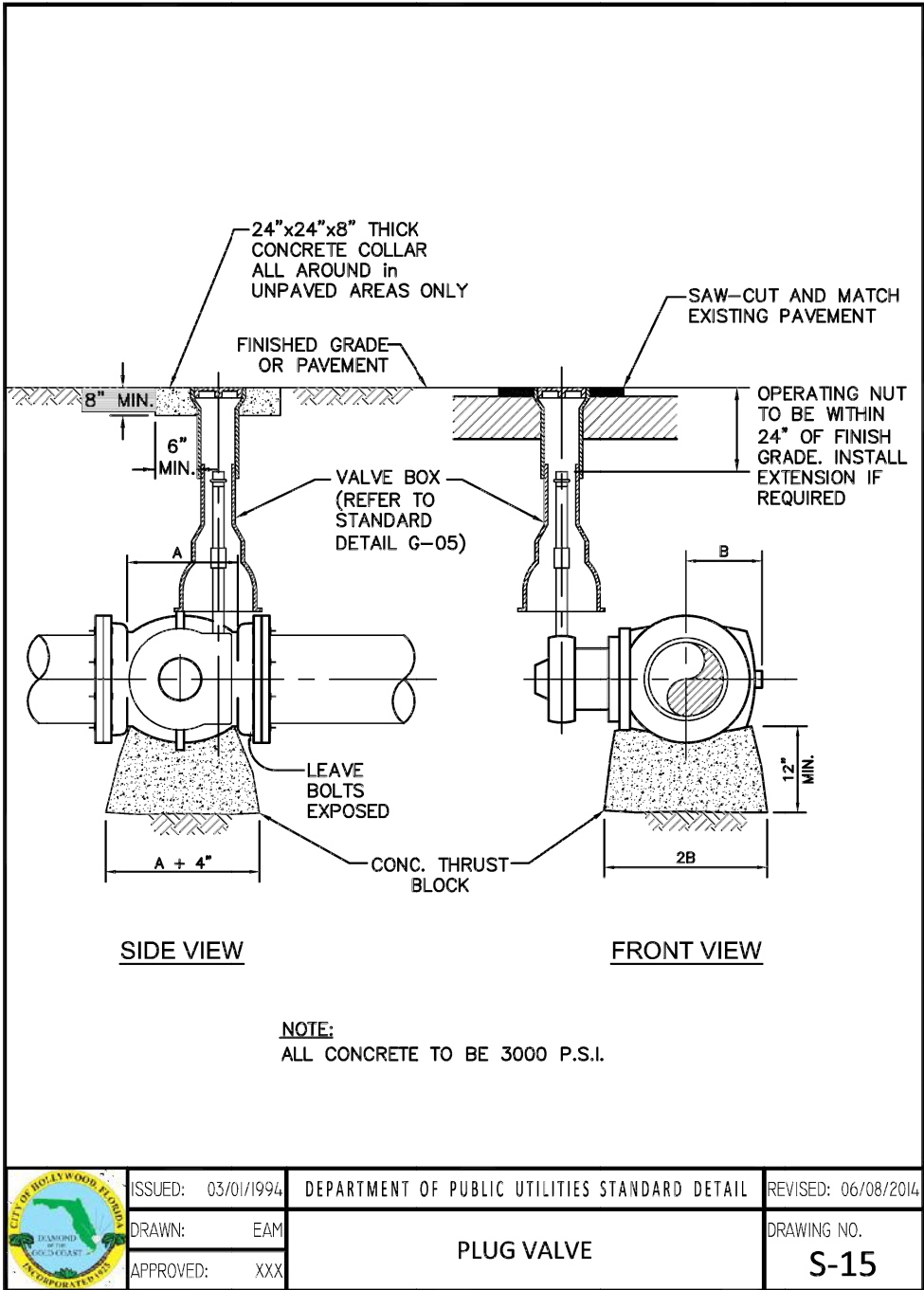
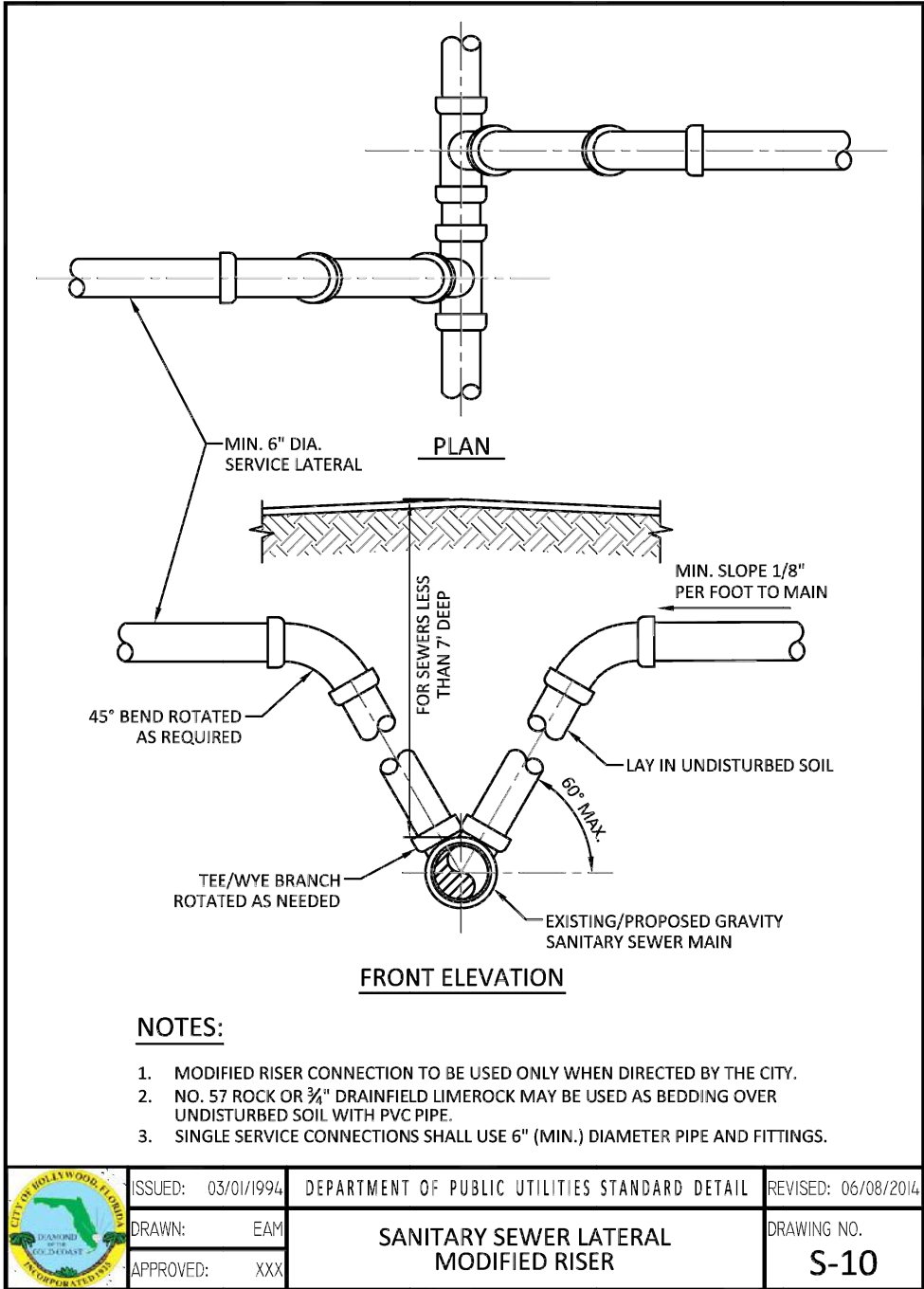
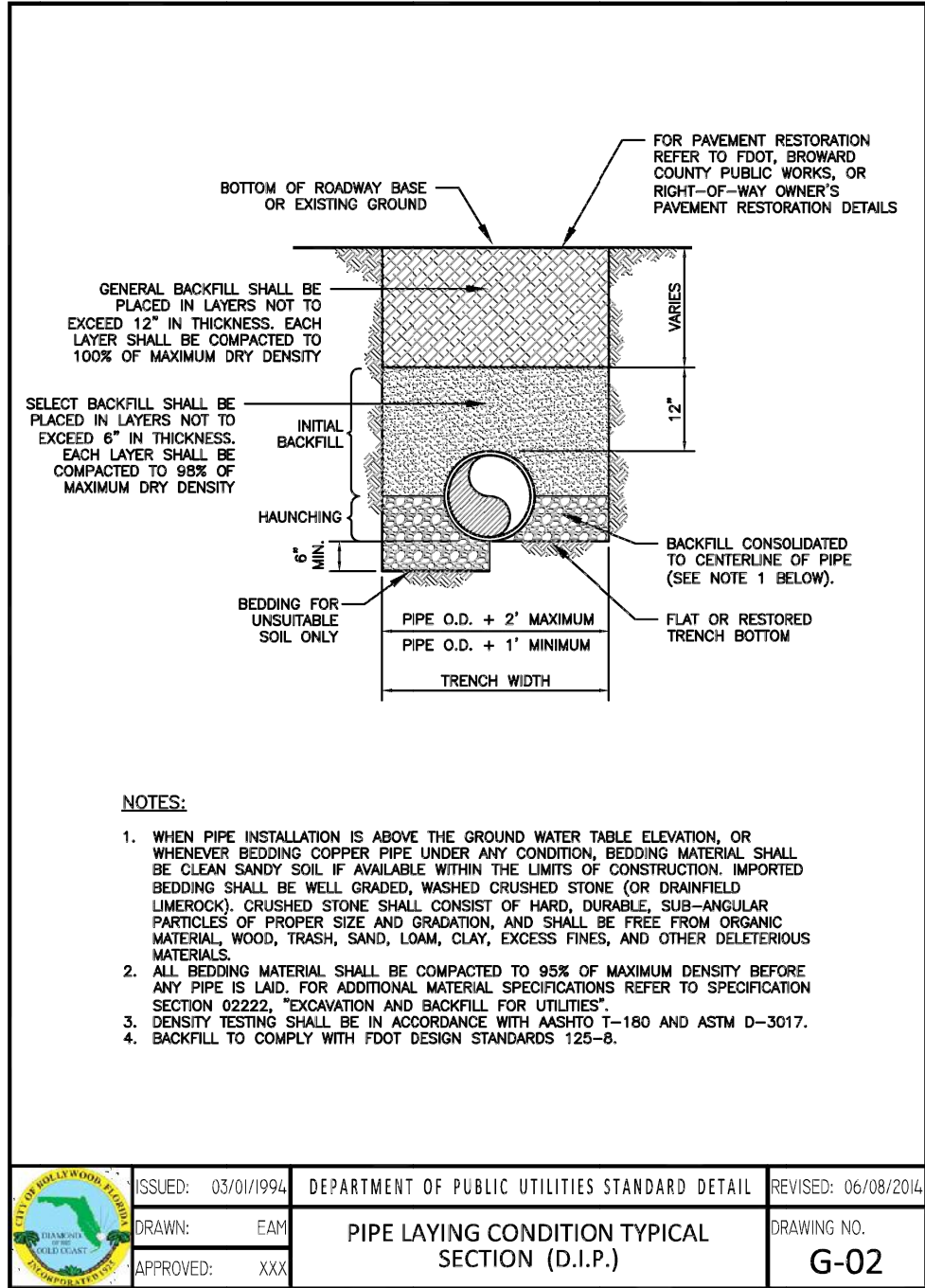
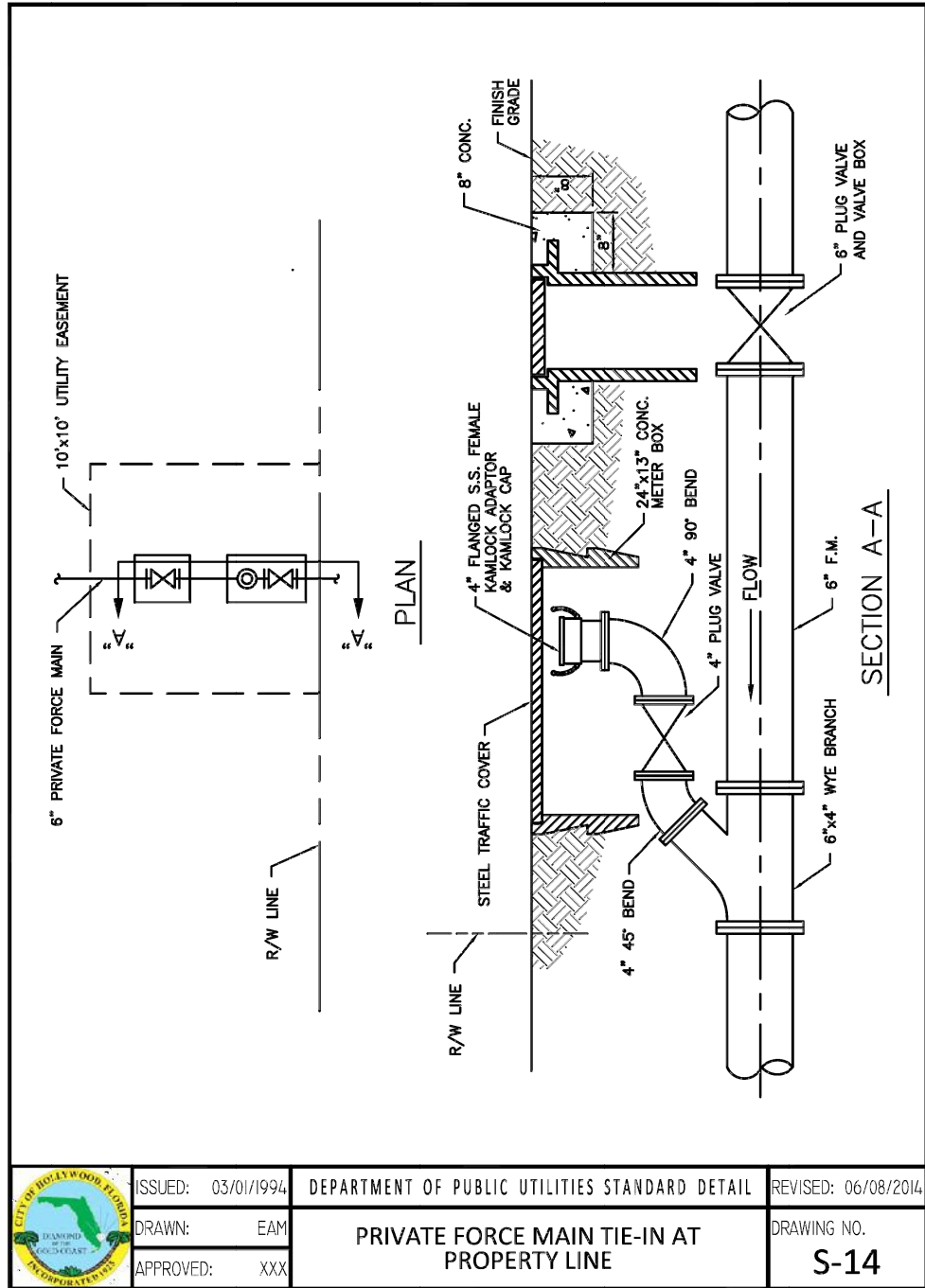
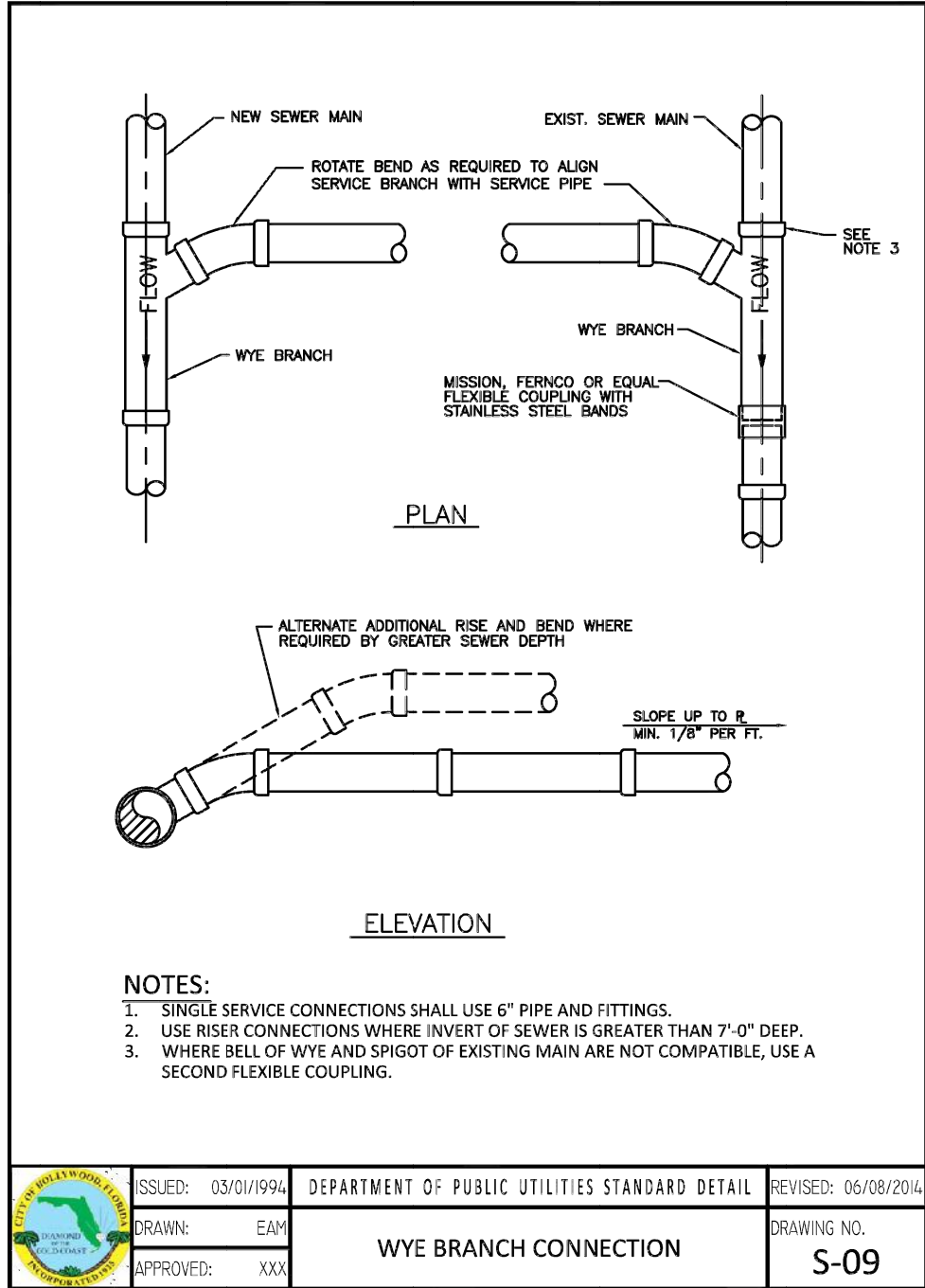




BTE REF DATE: 6-6-2020

REVISIONS	DATE	#

STEPHEN F. BOTEK
No. 55335
STATE OF FLORIDA
PROFESSIONAL ENGINEER
June 6, 2026

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WATER AND SANITARY SEWER DETAILS

EMERALD HILLS

Site B - North 48th Avenue - West
Hollywood, Florida

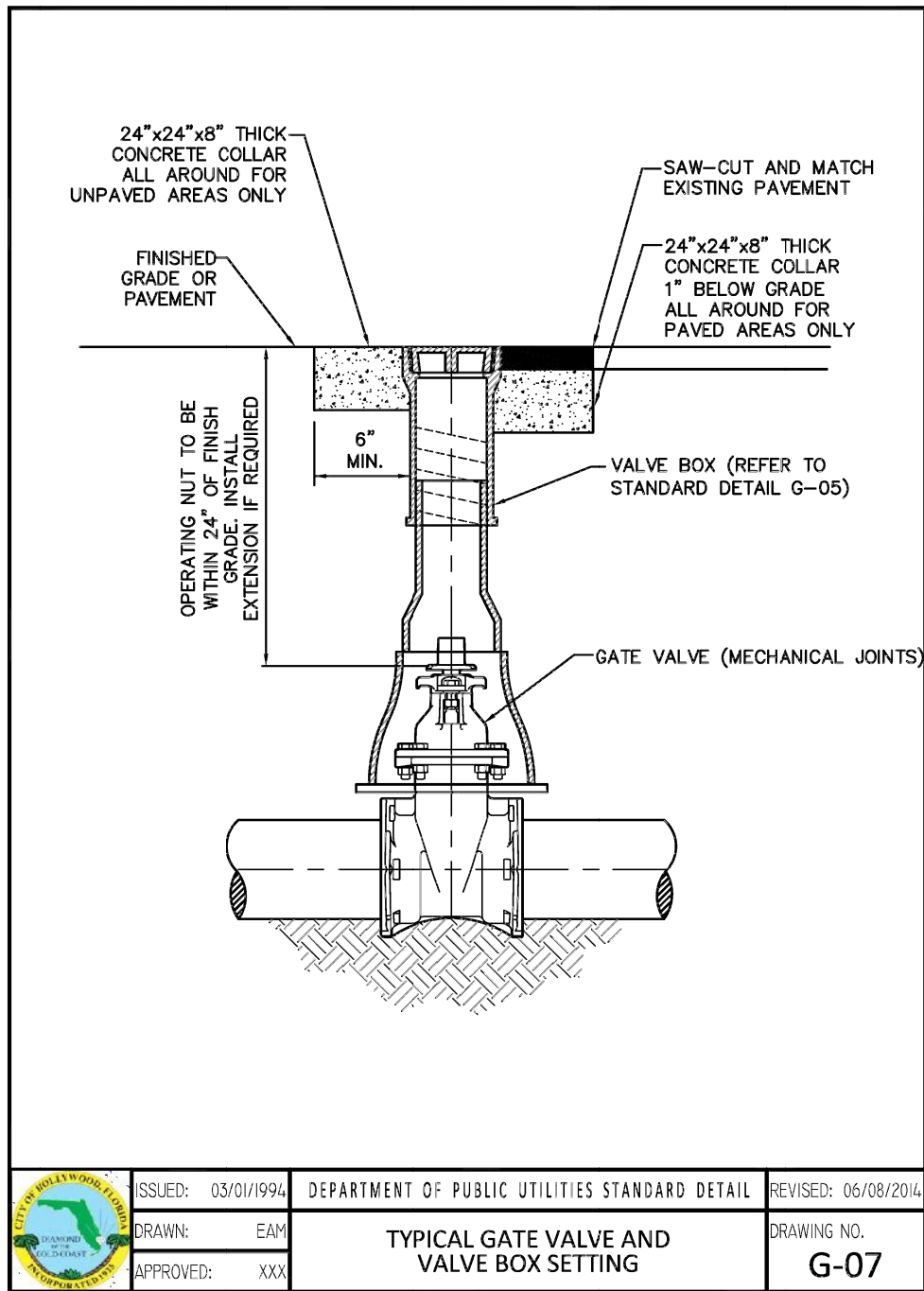
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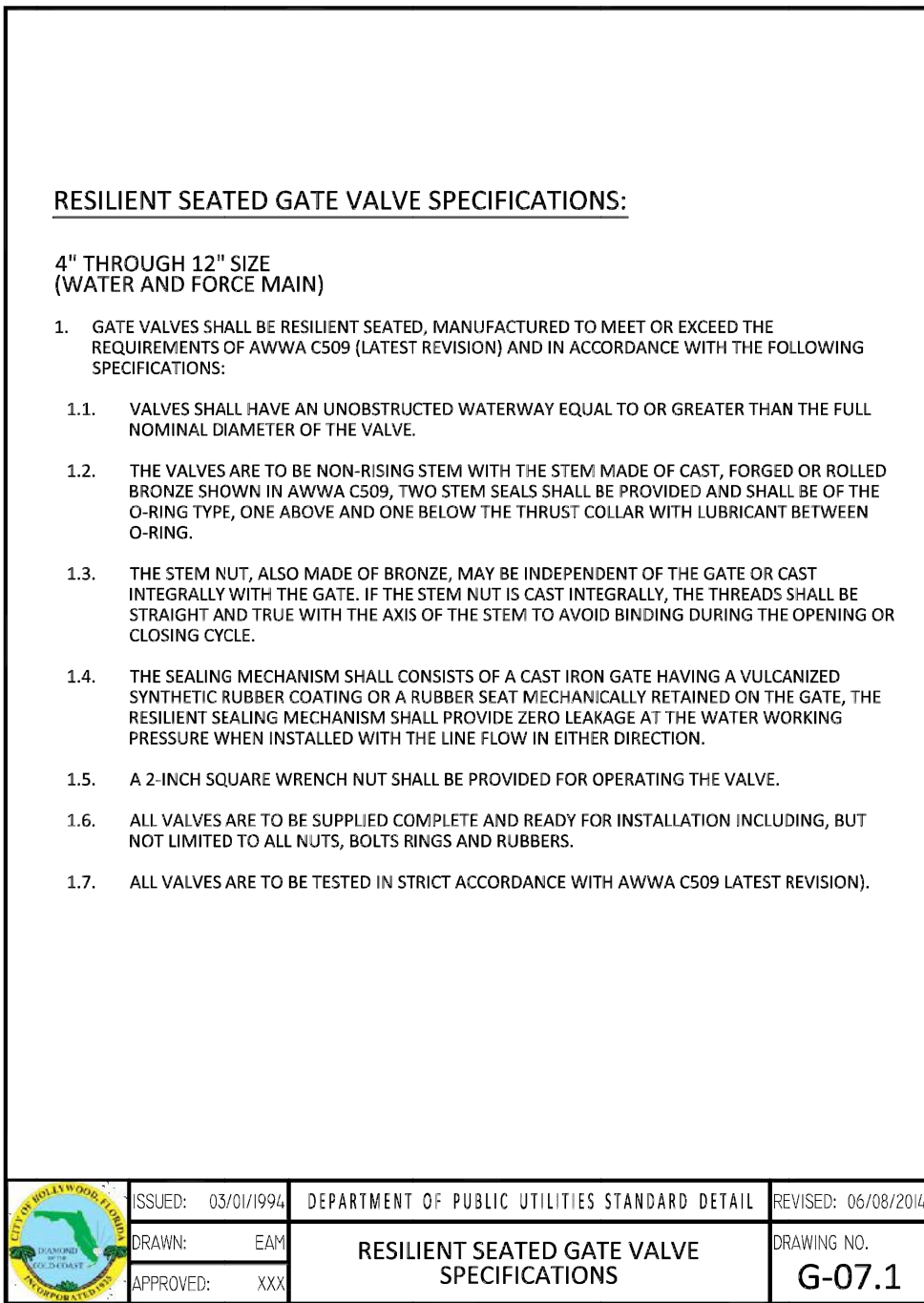
BTE PROJECT #
22-0401

PROJECT DATE:
6-5-2024

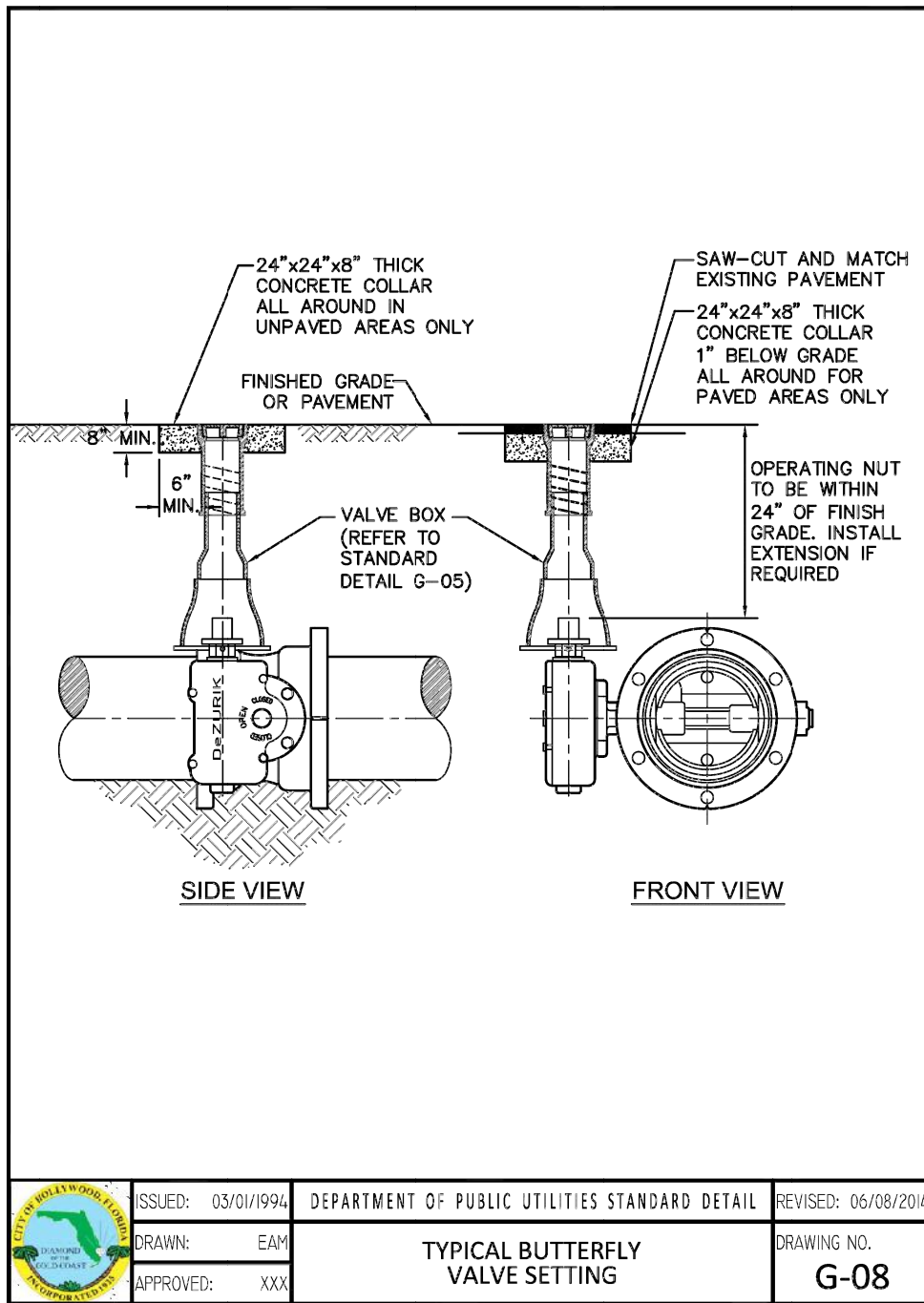
SHEET #:
CB-WS-5



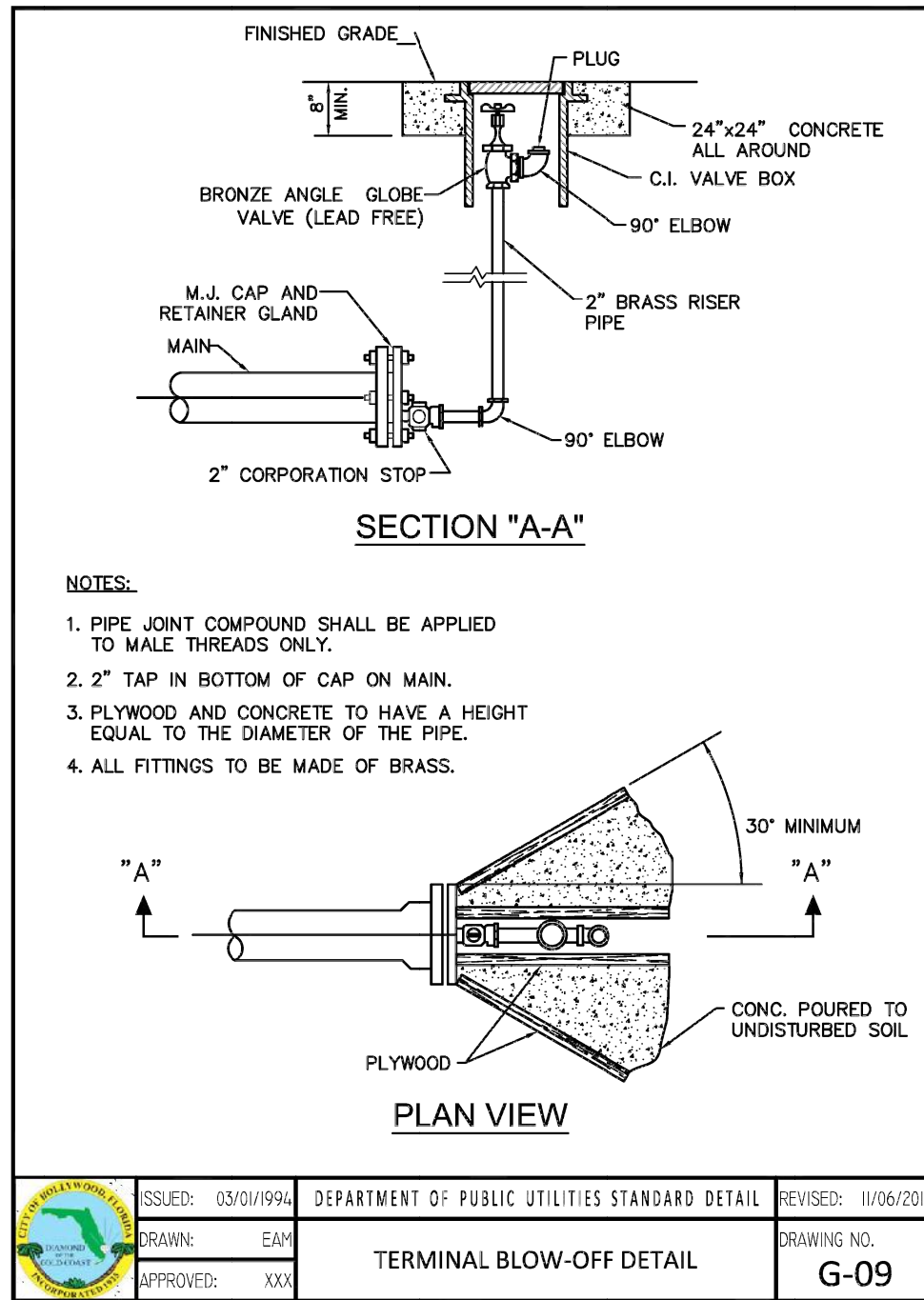
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DRAWN: EAM
APPROVED: XXX
TYPICAL GATE VALVE AND VALVE BOX SETTING
DRAWING NO. G-07



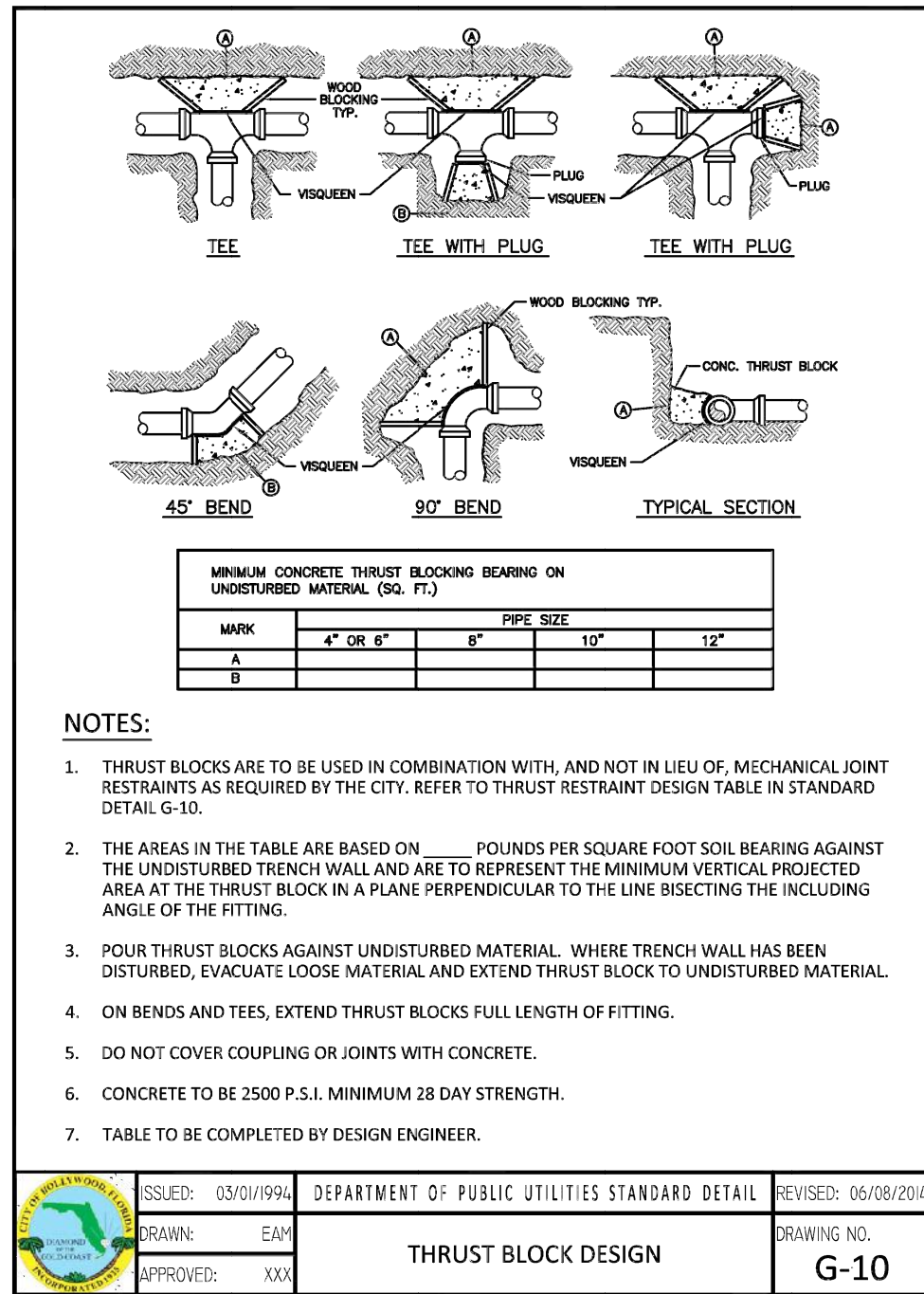
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DRAWING NO. G-07.1



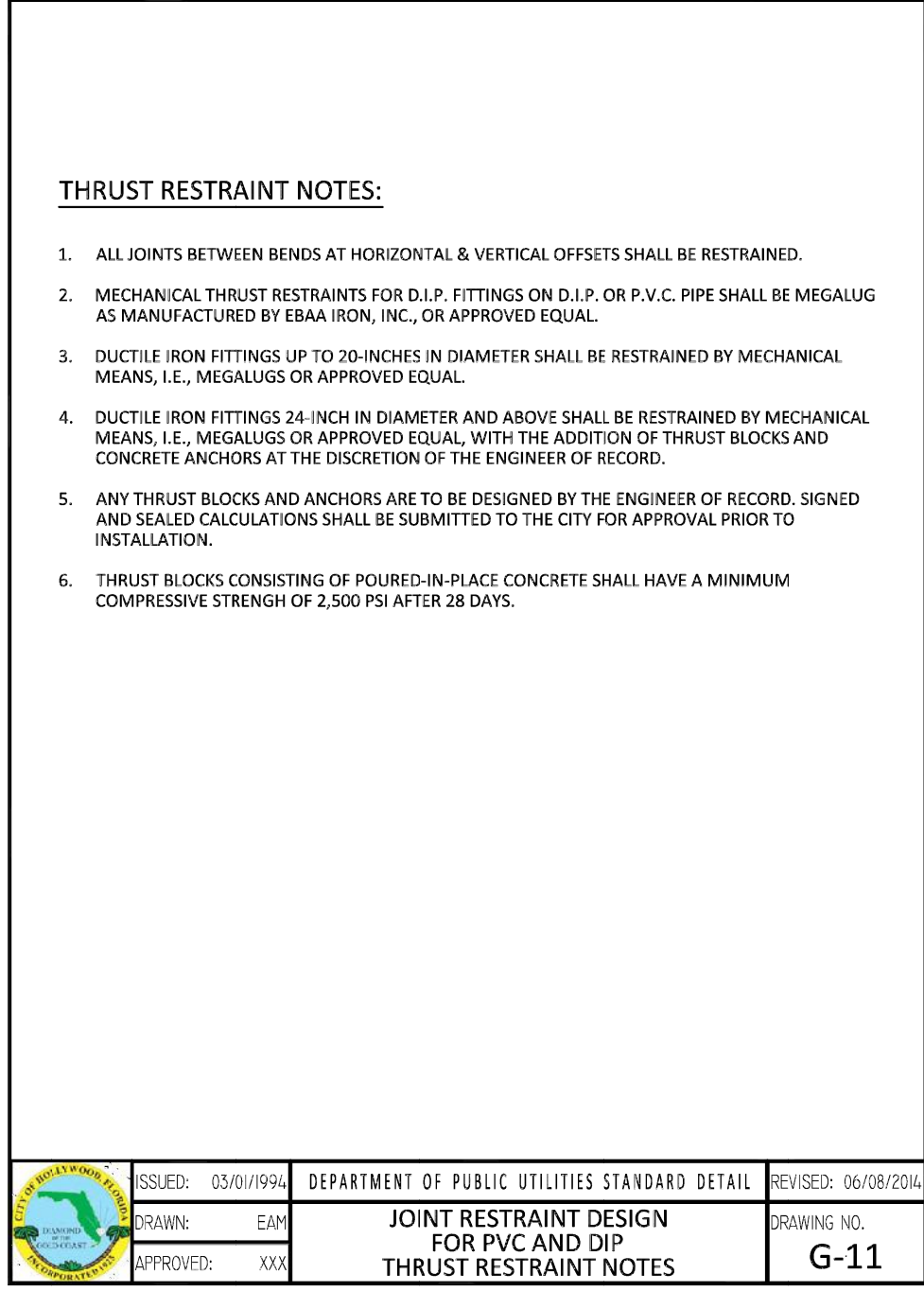
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DRAWING NO. G-08



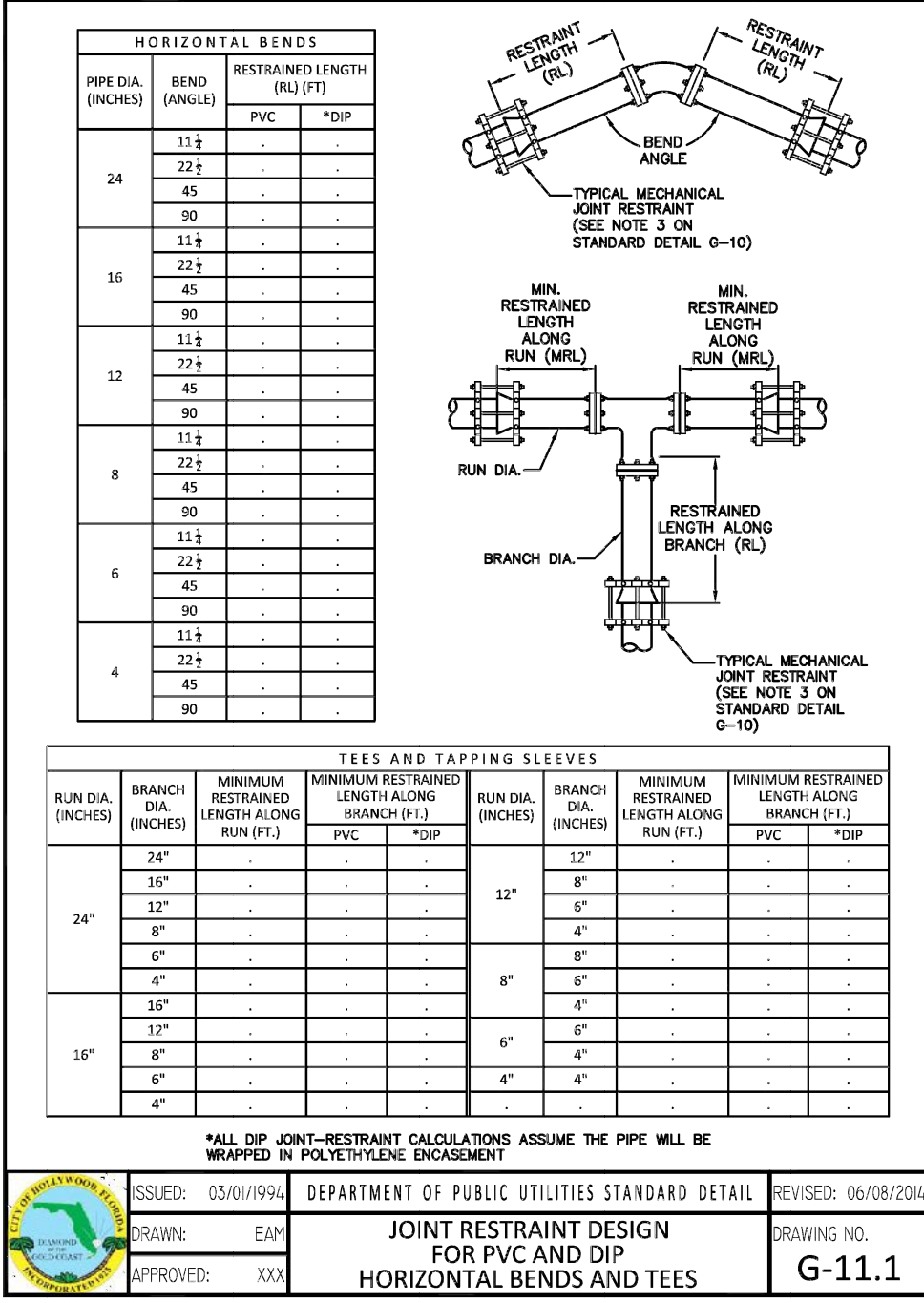
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TERMINAL BLOW-OFF DETAIL
DRAWING NO. G-09



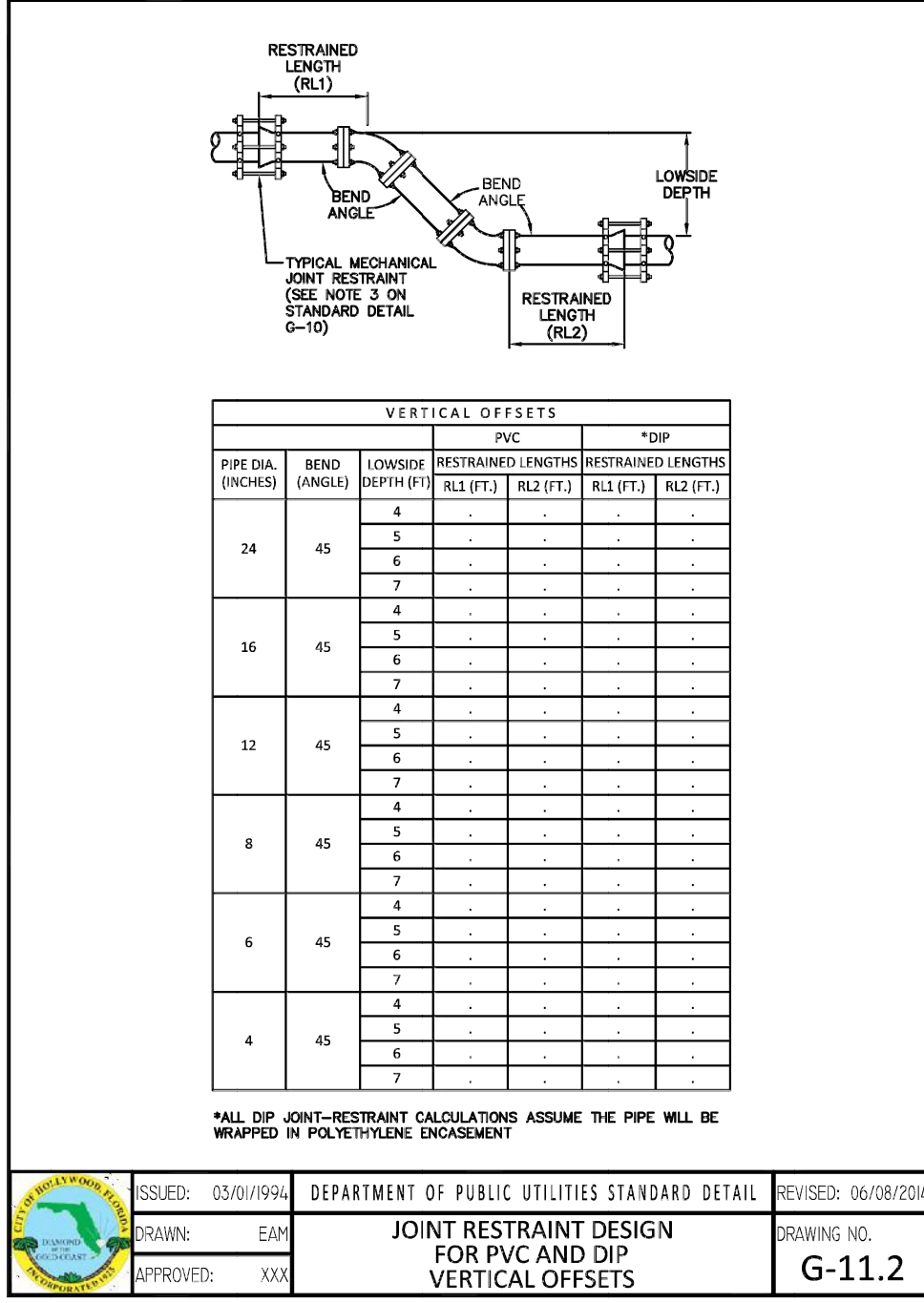
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THRUST BLOCK DESIGN
DRAWING NO. G-10



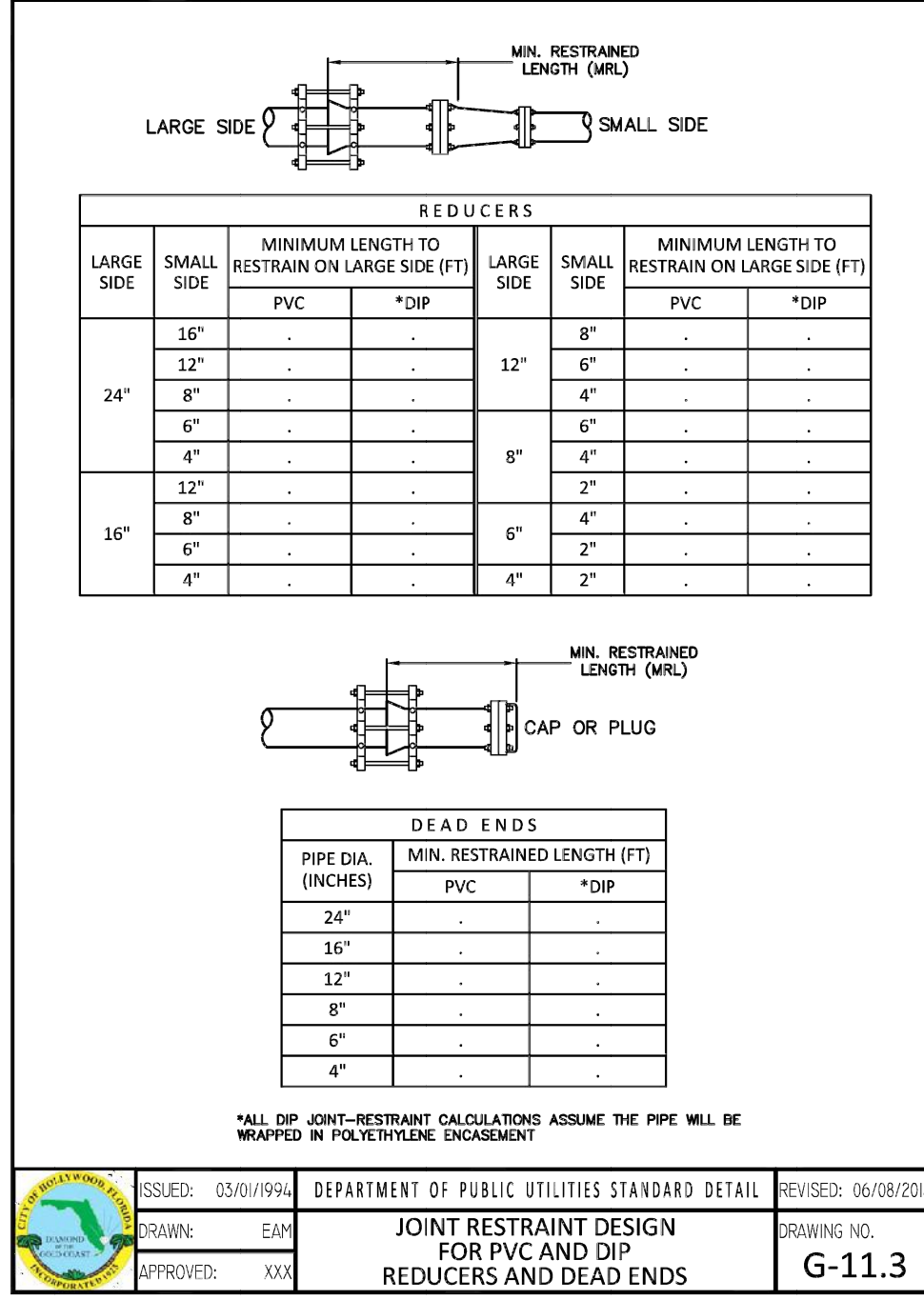
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JOINT RESTRAINT DESIGN FOR PVC AND DIP THRUST RESTRAINT NOTES
DRAWING NO. G-11



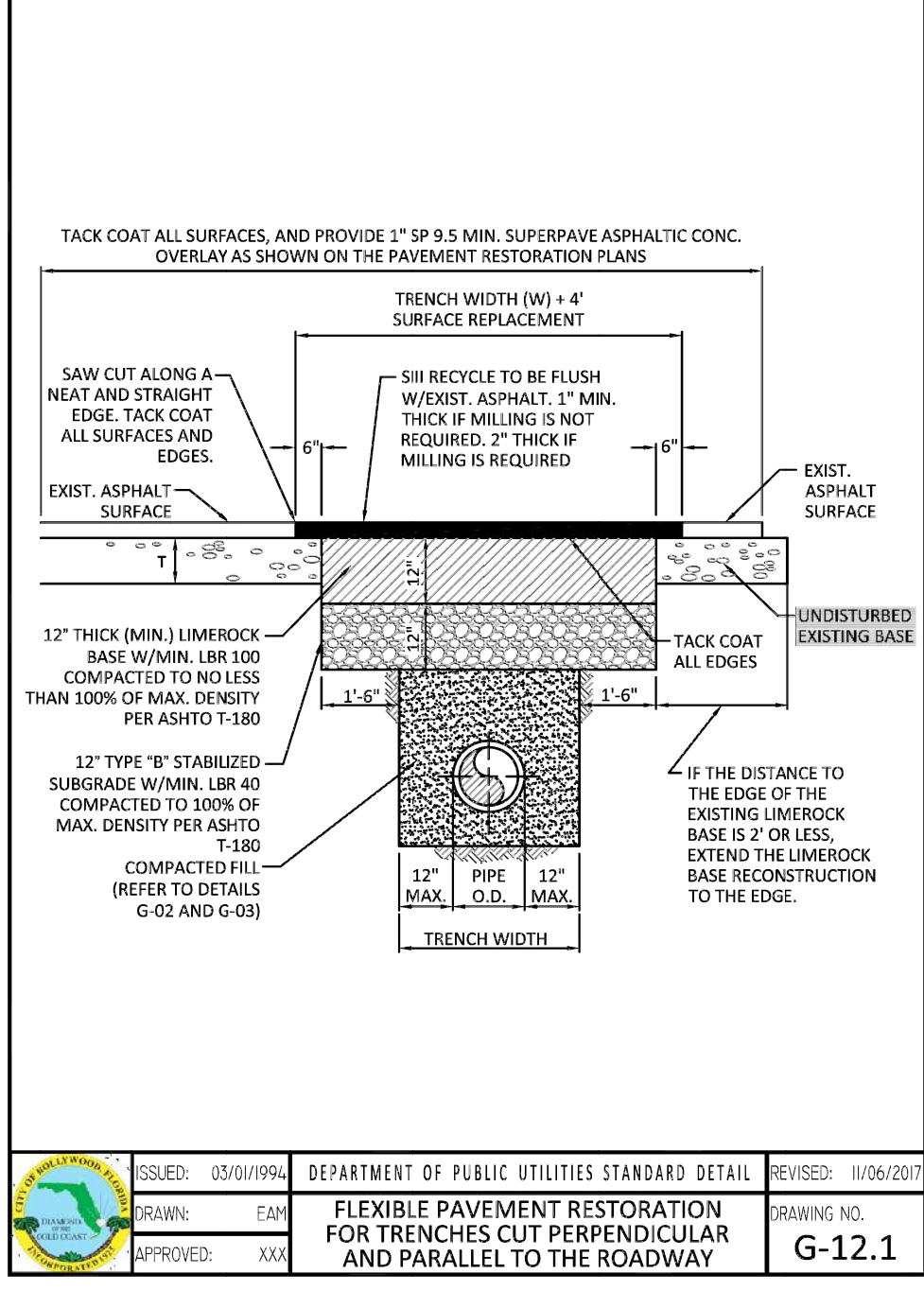
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DRAWN: EAM
APPROVED: XXX
JOINT RESTRAINT DESIGN FOR PVC AND DIP HORIZONTAL BENDS AND TEES
DRAWING NO. G-11.1



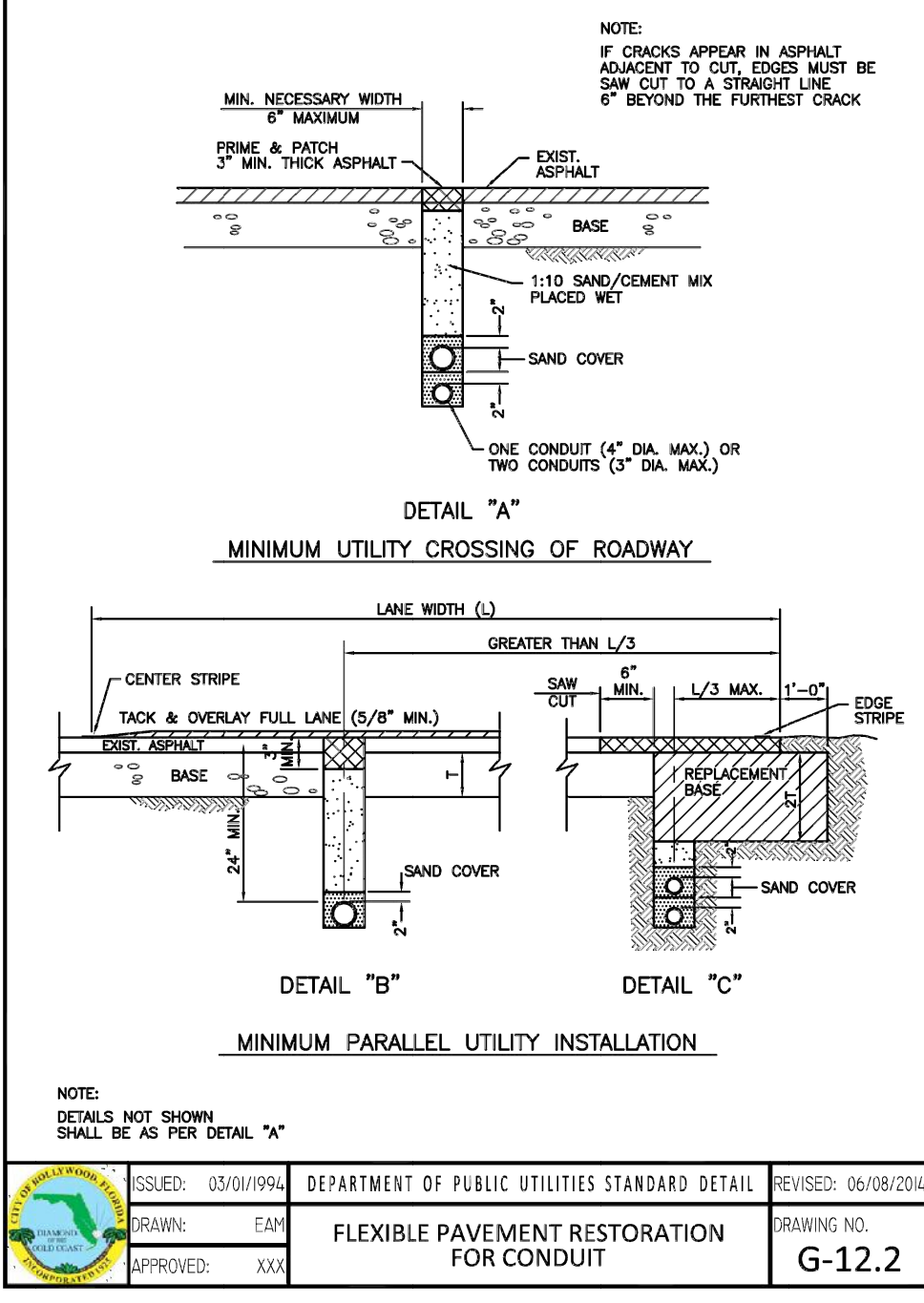
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DRAWING NO. G-11.2



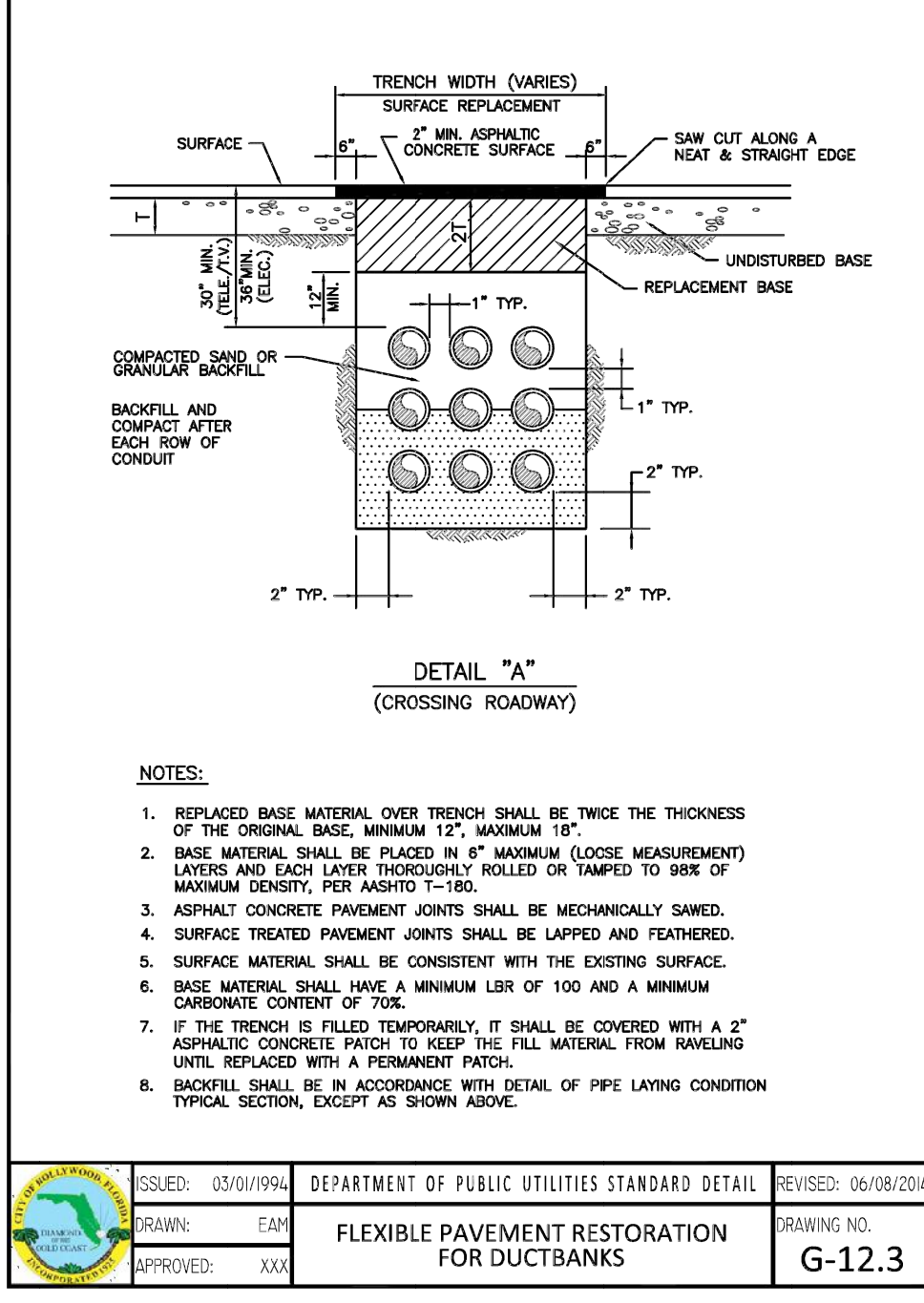
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DRAWN: EAM
APPROVED: XXX
JOINT RESTRAINT DESIGN FOR PVC AND DIP REDUCERS AND DEAD ENDS
DRAWING NO. G-11.3



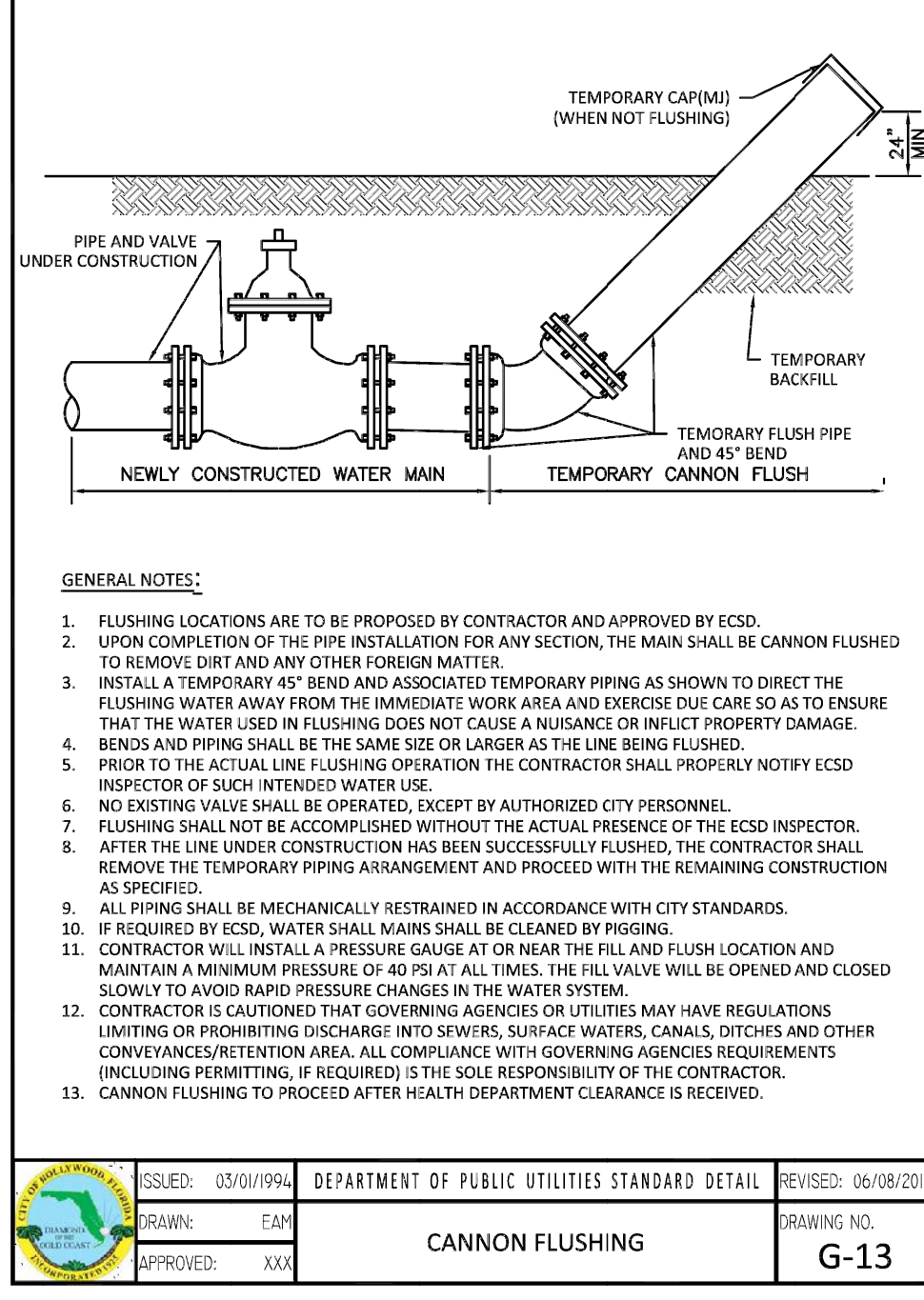
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DRAWING NO. G-12.1



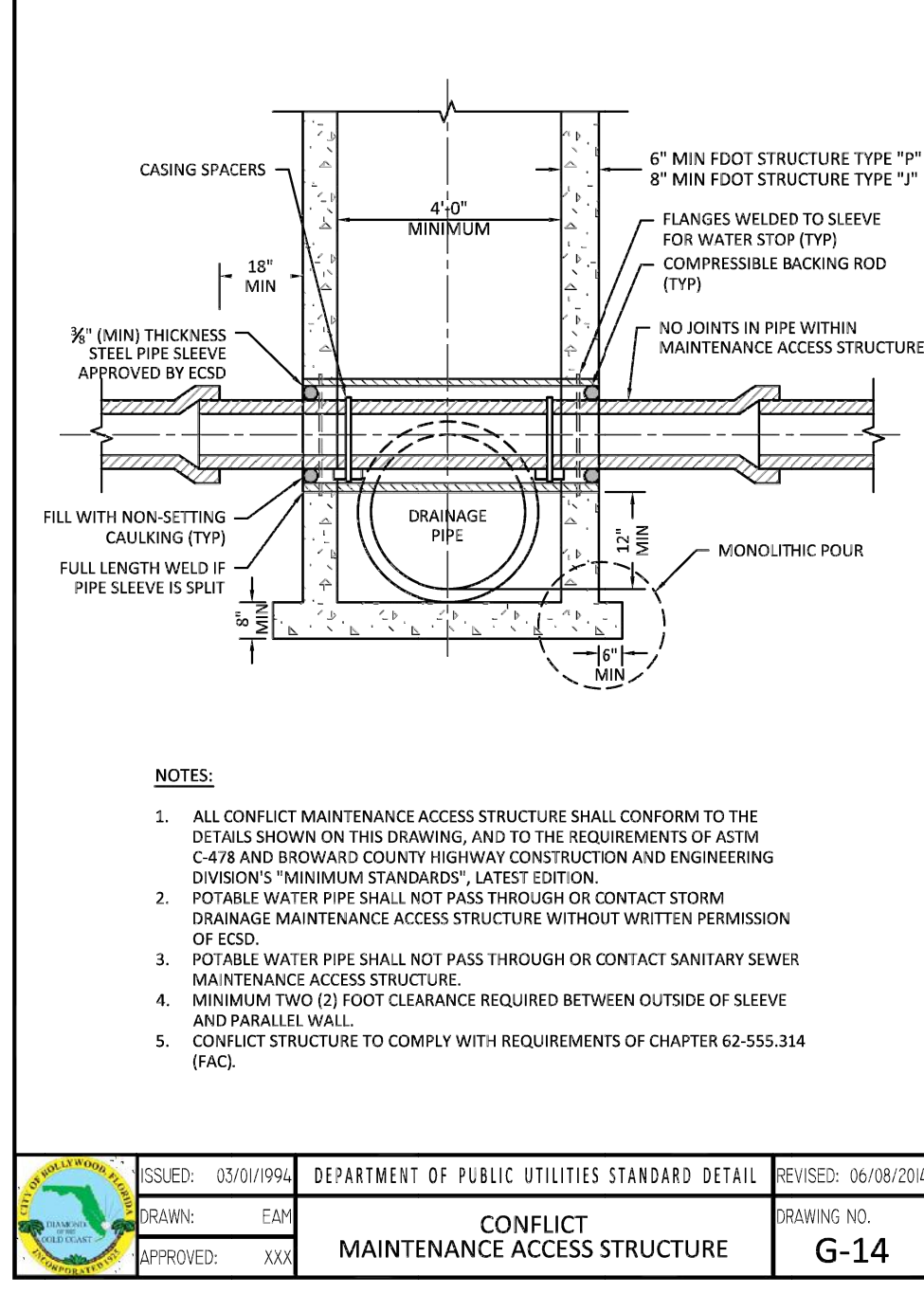
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DRAWN: EAM
APPROVED: XXX
FLEXIBLE PAVEMENT RESTORATION FOR CONDUITS
DRAWING NO. G-12.2



ISSUED: 03/01/99A DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL REVISED: 06/08/2014
DRAWN: EAM
APPROVED: XXX
FLEXIBLE PAVEMENT RESTORATION FOR DUCTBANKS
DRAWING NO. G-12.3



ISSUED: 03/01/99A DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL REVISED: 06/08/2014
DRAWN: EAM
APPROVED: XXX
CANNON FLUSHING
DRAWING NO. G-13



ISSUED: 03/01/99A DEPARTMENT OF PUBLIC UTILITIES STANDARD DETAIL REVISED: 06/08/2014
DRAWN: EAM
APPROVED: XXX
CONFLICT MAINTENANCE ACCESS STRUCTURE
DRAWING NO. G-14

BTE REF DATE: 6-6-2020

REVISIONS	DATE	#

STEPHEN F. BOTEK
No. 55335
STATE OF FLORIDA
PROFESSIONAL ENGINEER
June 6, 2026

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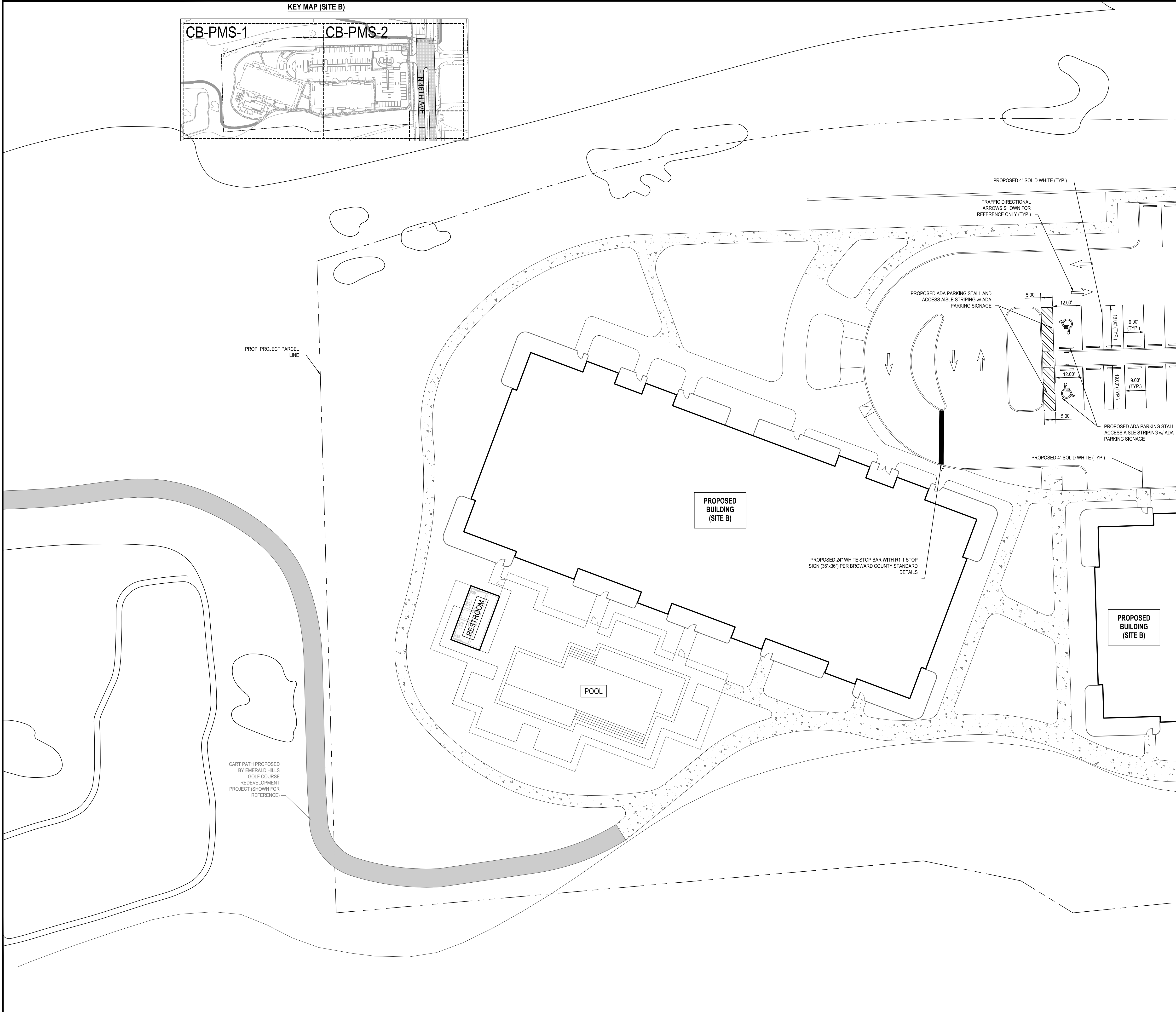
WATER AND SANITARY SEWER DETAILS
EMERALD HILLS
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BTE PROJECT #
22-0401

PROJECT DATE:
6-5-2024

SHEET #:
CB-WS-6



PAVEMENT MARKING & SIGNAGE NOTES:

1. ALL PAVEMENT MARKING & SIGNAGE TO BE IN ACCORDANCE WITH THE "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD) (LATEST EDITION), FDOT STANDARDS (LATEST EDITION), AND BROWARD COUNTY HIGHWAY CONSTRUCTION AND ENGINEERING DIVISION STANDARDS (LATEST EDITION).
2. ALL PAVEMENT MARKINGS IN OR ADJACENT TO THE PUBLIC RIGHT OF WAY ARE TO BE ALKYD BASED THERMOPLASTIC AND FULLY RETROREFLECTORIZED.
3. PAVEMENT MARKING SHALL BE UNIFORM ACROSS THE ENTIRE STRIPE AND HAVE A MINIMUM RETRO-REFLECTIVITY OF 250 MILLCANDELAS FOR WHITE AND 175 FOR YELLOW PER BCTED MOST CURRENT STANDARDS.
4. ALL PAVEMENT MARKINGS ON PAVEMENT SYSTEMS SHALL BE 3M 380381 SERIES TAPE AND APPLIED WITH P60 ADHESIVE AS PER MANUFACTURER'S SPECIFICATIONS.
5. FDOT APPROVED SEALER SHALL BE USED WHEN APPLYING MARKINGS ON CONCRETE.
6. EXISTING MARKINGS SHALL BE REMOVED BY SANDBLASTING ONLY.
7. ALL REGULATORY SIGNS SHALL BE TYPE XI SHEETING MATERIAL.
8. SEE FDOT INDEX NO. 706 FOR PLACEMENT OF RPM's, (FOR BULLNOSE RPM TREATMENT, SEE LEGEND NO. 1)
9. RPM's SHALL BE CLASS "B" 911 OR EQUIVALENT, APPLIED WITH EPOXY OR BITUMINOUS ADHESIVE.
10. ALL STOP BARS TO BE 4" BEHIND CROSSWALK OR SIDEWALK.

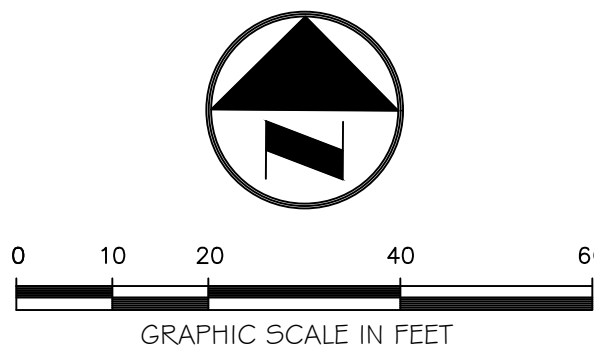
BCTED NOTE:

THE FOLLOWING ITEMS ARE NOT REVIEWED OR ACCEPTED BY BROWARD COUNTY:

1. BROWARD COUNTY TRAFFIC ENGINEERING DIVISION'S REVIEW DOES NOT INCLUDE A REVIEW AND ACCEPTANCE OF THE PROJECTS DESIGN OR OPERATION. THESE ITEMS ARE TO BE REVIEWED AND APPROVED BY THE CITY ENGINEER.

2. BROWARD COUNTY TRAFFIC ENGINEERING DIVISION DOES NOT REVIEW AND APPROVE, OR INSPECT AND ACCEPT THE FOLLOWING ITEMS FOR MAINTENANCE: PAVEMENT MARKINGS ON OR ADJACENT TO PAVEMENT BRICKS, PAINTED ASPHALT, STAMPED ASPHALT OR PAVEMENT MARKINGS MADE OF PAVEMENT BRICKS, RAISED INTERSECTIONS AND RELATED MARKINGS AND SIGNING, UN-WARRANTED MID-BLOCK CROSSWALKS AND RELATED MARKINGS AND SIGNING, UN-WARRANTED CROSSWALKS AND RELATED MARKINGS AND SIGNING, PAINTED DECORATIVE CROSSWALKS, RAISED CROSSWALKS AND RELATED MARKINGS AND SIGNING, BUNKER SIGNS, RECTANGULAR RAPID FLASHER BEACONS AND RELATED MARKINGS AND SIGNING, ON-STREET PARKING AND RELATED MARKINGS AND SIGNING, IN-ROAD LIGHTING AND RELATED MARKINGS AND SIGNING, GREEN BIKE LANES, FLEXIBLE DELINEATORS, DECORATIVE SIGNS AND DECORATIVE SIGN POSTS, PLANTERS, ON-SITE PAVEMENT MARKINGS AND SIGNING, OFF-SITE PAVEMENT MARKINGS AND SIGNING IN RIGHT-OF-WAY THAT IS NOT DEDICATED FOR PUBLIC USE, SIDEWALK WORK OR ASPHALT WORK.

3. THE CITY ENGINEER IS RESPONSIBLE FOR THE REVIEW AND APPROVAL OF THE DESIGN AND OPERATION OF THE PROJECT, AND FOR THE INSPECTION AND ACCEPTANCE OF THE FOLLOWING ITEMS THAT WILL BE MAINTAINED BY THE CITY: PAVEMENT MARKINGS ON OR ADJACENT TO PAVEMENT BRICKS, PAINTED ASPHALT, STAMPED ASPHALT OR PAVEMENT MARKINGS MADE OF PAVEMENT BRICKS, PAVEMENT MARKINGS ON OR ADJACENT TO PAINTED ASPHALT, RAISED INTERSECTIONS AND RELATED MARKINGS AND SIGNING, UN-WARRANTED MID-BLOCK CROSSWALKS AND RELATED MARKINGS AND SIGNING, UN-WARRANTED CROSSWALKS AND RELATED MARKINGS AND SIGNING, PAINTED DECORATIVE CROSSWALKS, RAISED CROSSWALKS AND RELATED MARKINGS AND SIGNING, BUNKER SIGNS, RECTANGULAR RAPID FLASHER BEACONS AND RELATED MARKINGS AND SIGNING, ON-STREET PARKING AND RELATED MARKINGS AND SIGNING, IN-ROAD LIGHTING AND RELATED MARKINGS AND SIGNING, GREEN BIKE LANES, FLEXIBLE DELINEATORS, DECORATIVE SIGNS AND DECORATIVE SIGN POSTS, PLANTERS, ON-SITE PAVEMENT MARKINGS AND SIGNING, OFF-SITE PAVEMENT MARKINGS AND SIGNING IN RIGHT-OF-WAY THAT IS NOT DEDICATED FOR PUBLIC USE, SIDEWALK WORK AND ASPHALT WORK.

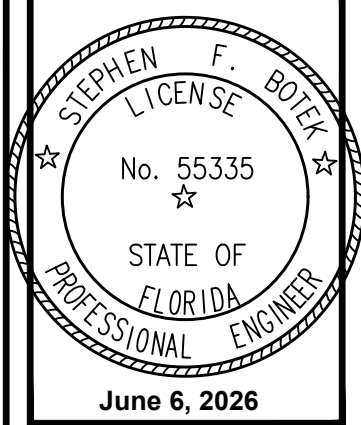


Always call 811 two full business days before you dig to have underground utilities located and marked.

Sunshine811.com

BTE REF DATE: 6-6-2026

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#	DATE		



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PAVEMENT MARKING AND SIGNAGE PLAN

EMERALD HILLS
Site B - North 46th Avenue - West
Hollywood, Florida

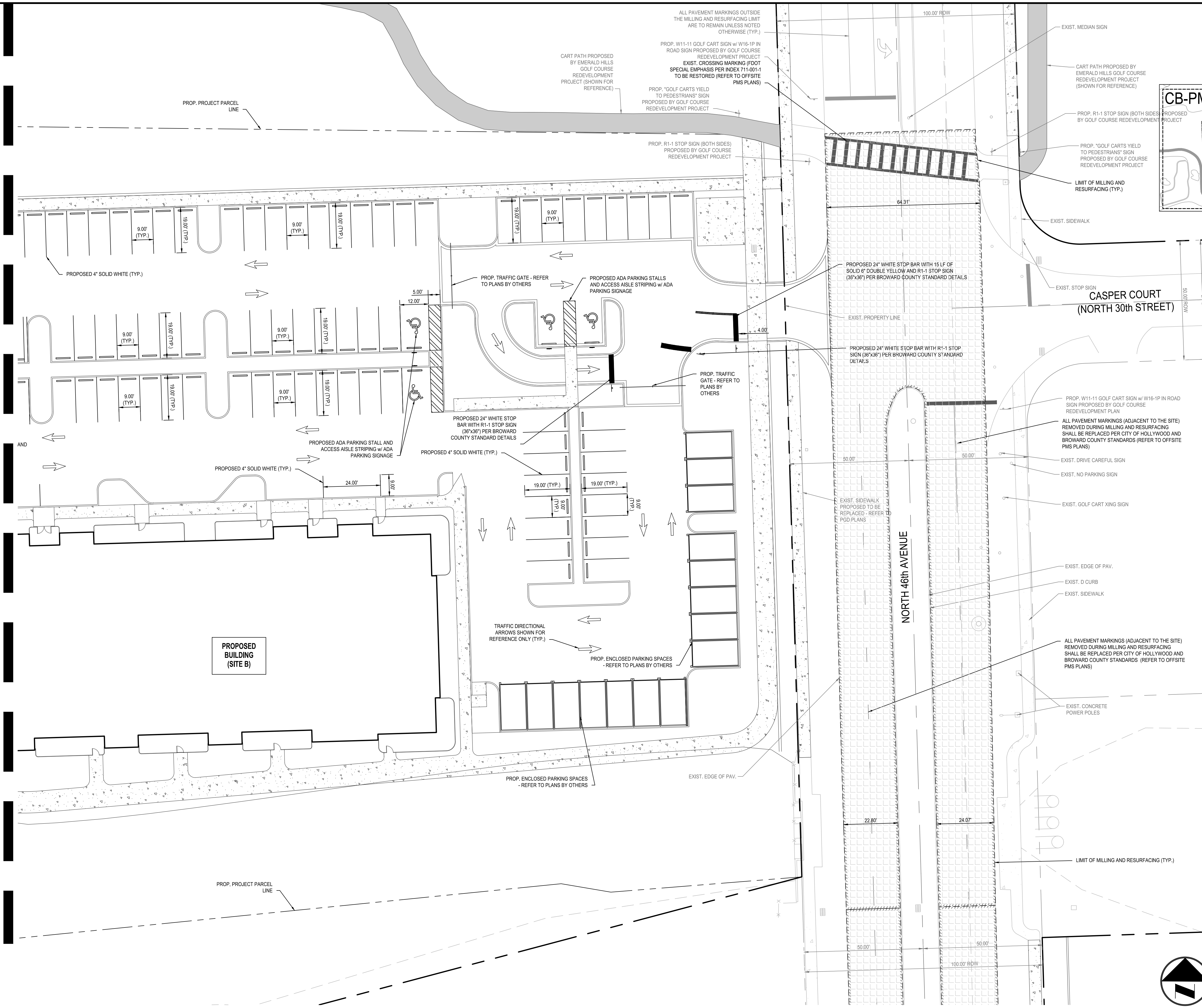
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3400 NW 9th Avenue, Suite 102, Ft. Lauderdale, FL 33309
www.botekthurlow-eng.com P: 954-568-8888 F: 954-568-0757

BTE PROJECT #:
22-0401

PROJECT DATE:
6-5-2024

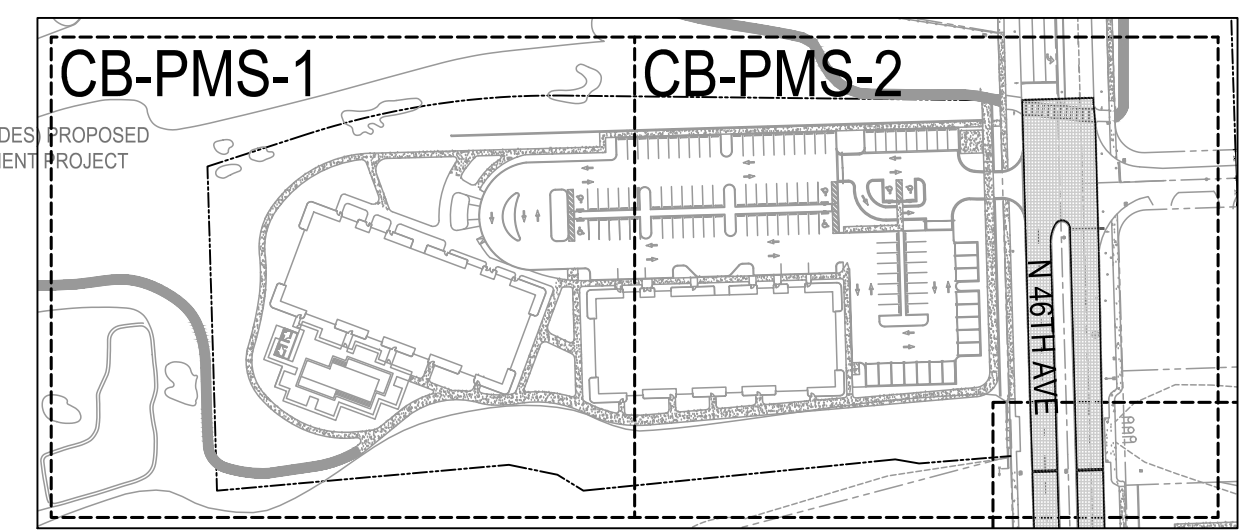
SHEET #:
CB-PMS-1

MATCHLINE - SEE SHEET CB-PMS-1



REFER TO SHEET CB-PMS-1 FOR PAVEMENT MARKING AND SIGNAGE NOTES

KEY MAP (SITE B)



BTE REF DATE: 6-6-2026

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#	DATE

STEPHEN F. BOTEK
LICENSE
No. 55335
STATE OF FLORIDA
PROFESSIONAL ENGINEER
June 6, 2026

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PAVEMENT MARKING AND SIGNAGE PLAN

EMERALD HILLS
Site B - North 46th Avenue - West
Hollywood, Florida

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Engineering, Inc.
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www.botekthurlow-eng.com P: 954-568-8888 F: 954-568-0757

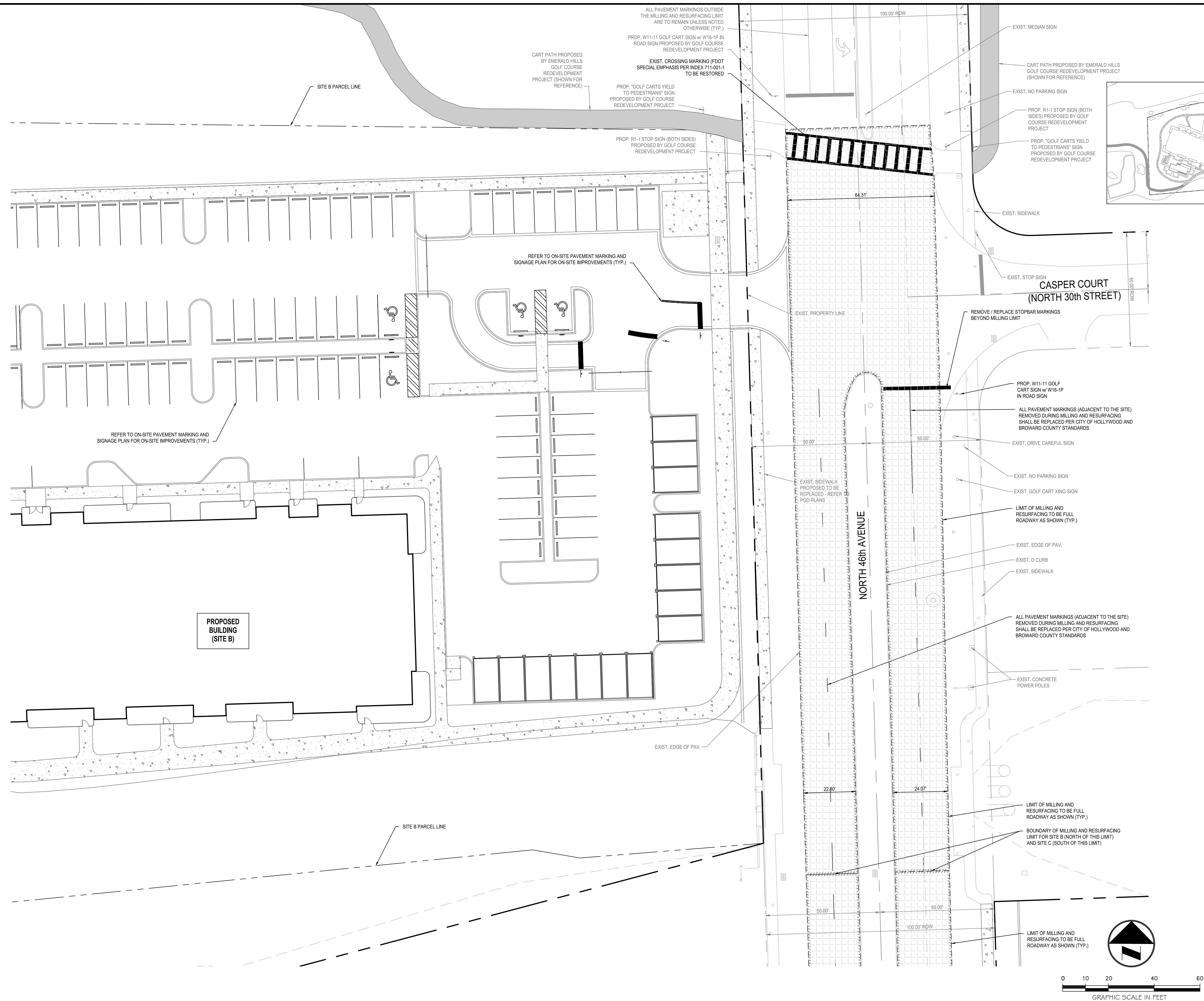
BTE PROJECT #:
22-0401

PROJECT DATE:
6-5-2024

SHEET #:
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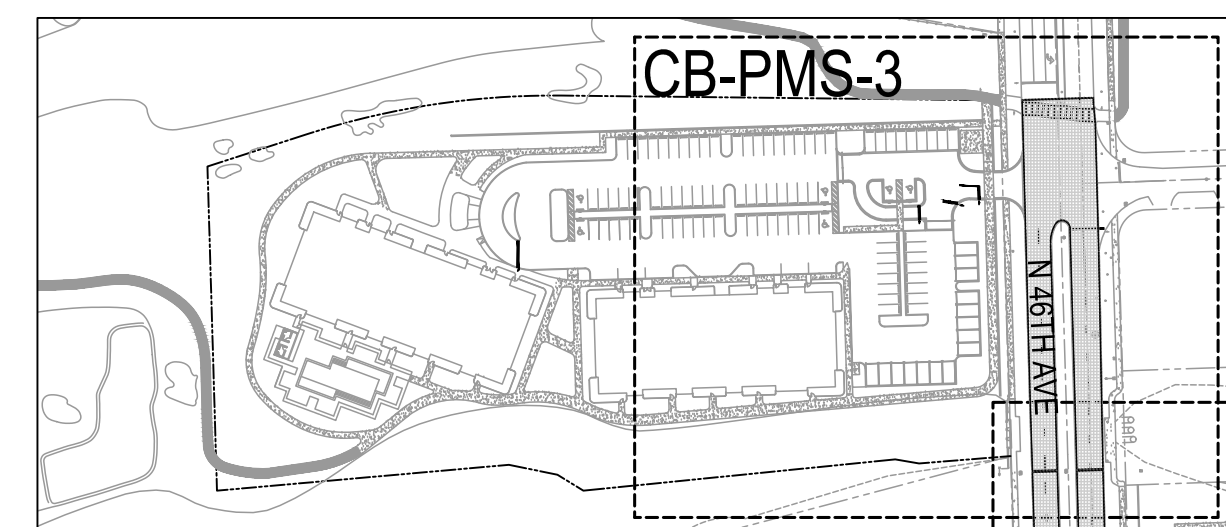
Always call 811 two full business days before you dig to have underground utilities located and marked.

Sunshine811.com



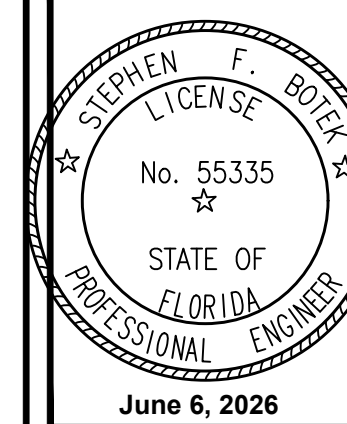
**REFER TO SHEET CB-PMS-1 FOR
PAVEMENT MARKING AND SIGNAGE NOTES**

KEY MAP (SITE B)



BTE REF DATE: 6-6-2026

#	DATE	REVISIONS



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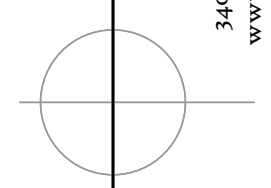
OFFSITE PAVEMENT MARKING AND SIGNAGE PLAN

EMERALD HILLS

Site B - North 46th Avenue - West
Hollywood, Florida

Botek Thurlow
Engineering, Inc

3409 NW 9th Avenue, Suite 1102, Ft. Lauderdale, FL 33309
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BTE PROJECT #:
22-0401

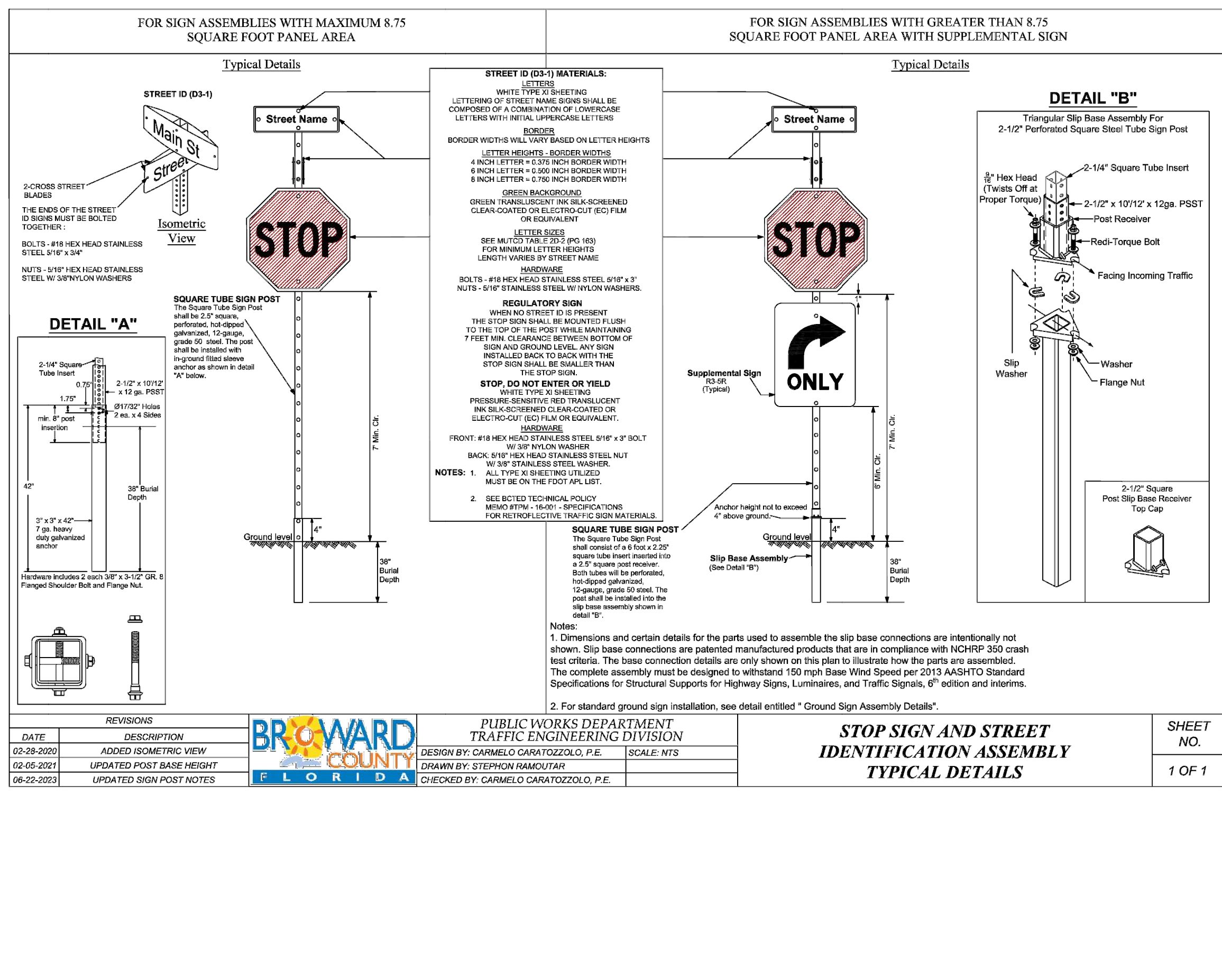
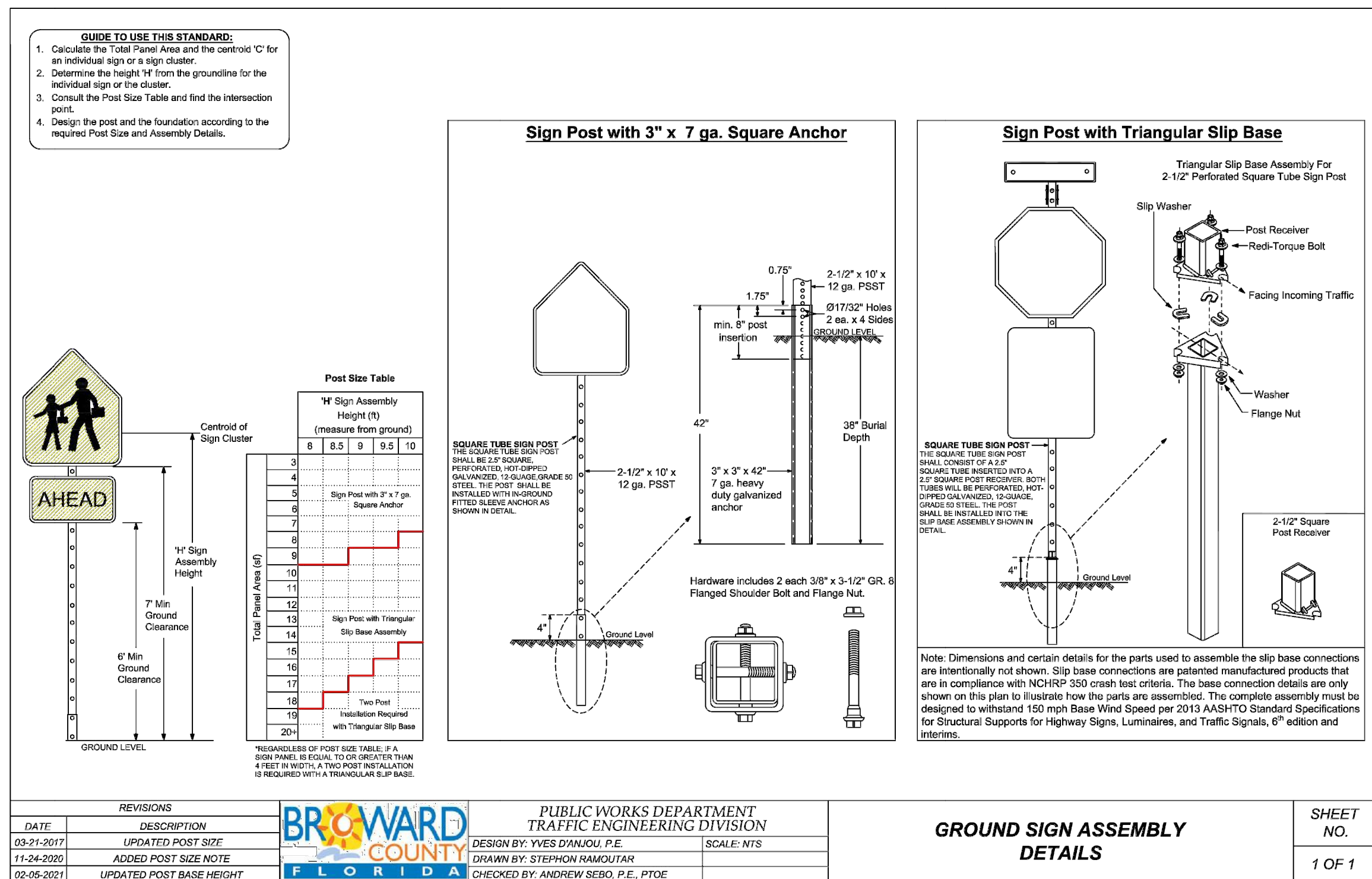
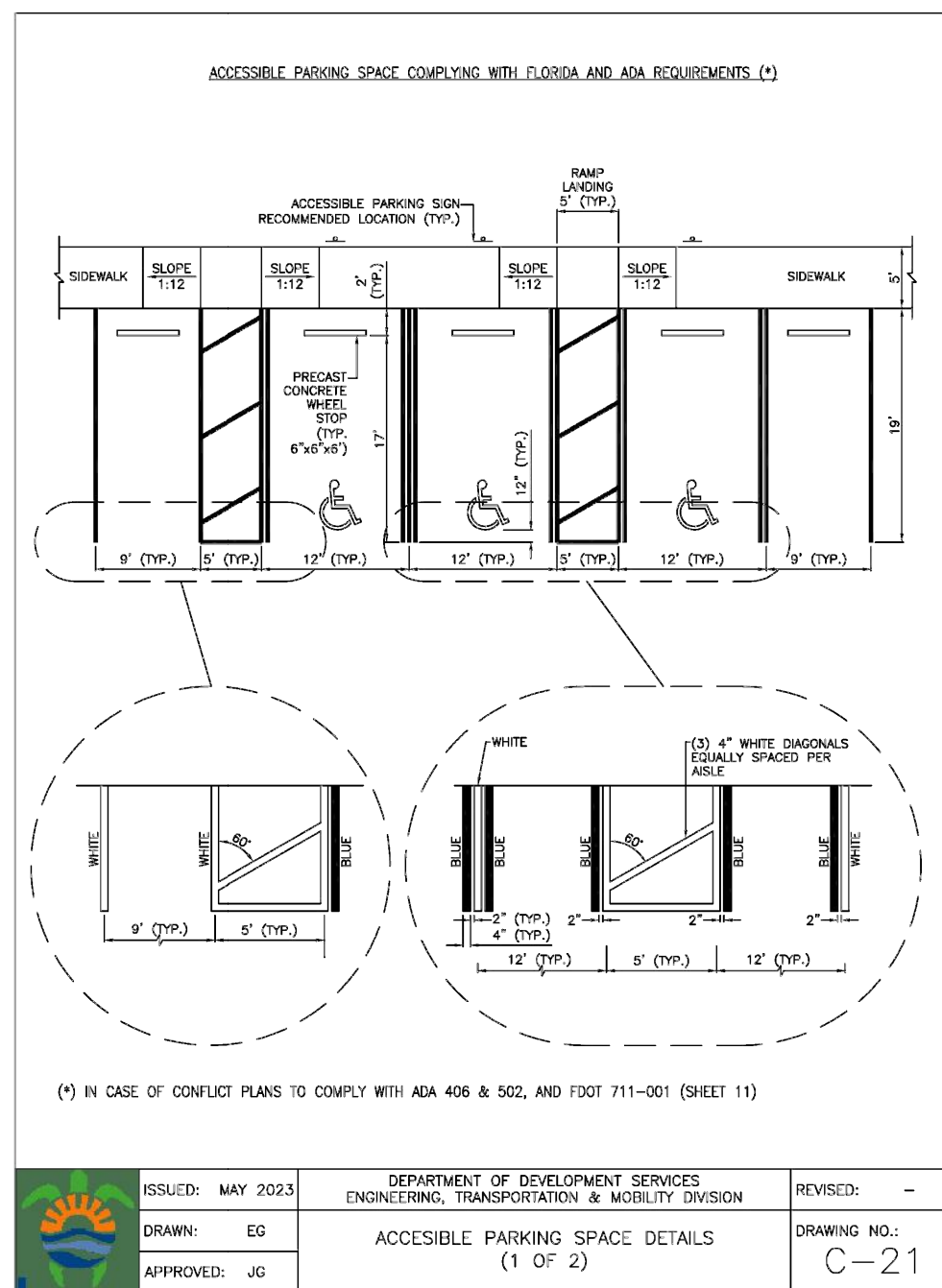
PROJECT DATE:
6-5-2024

SHEET #:

CB-PMS-3

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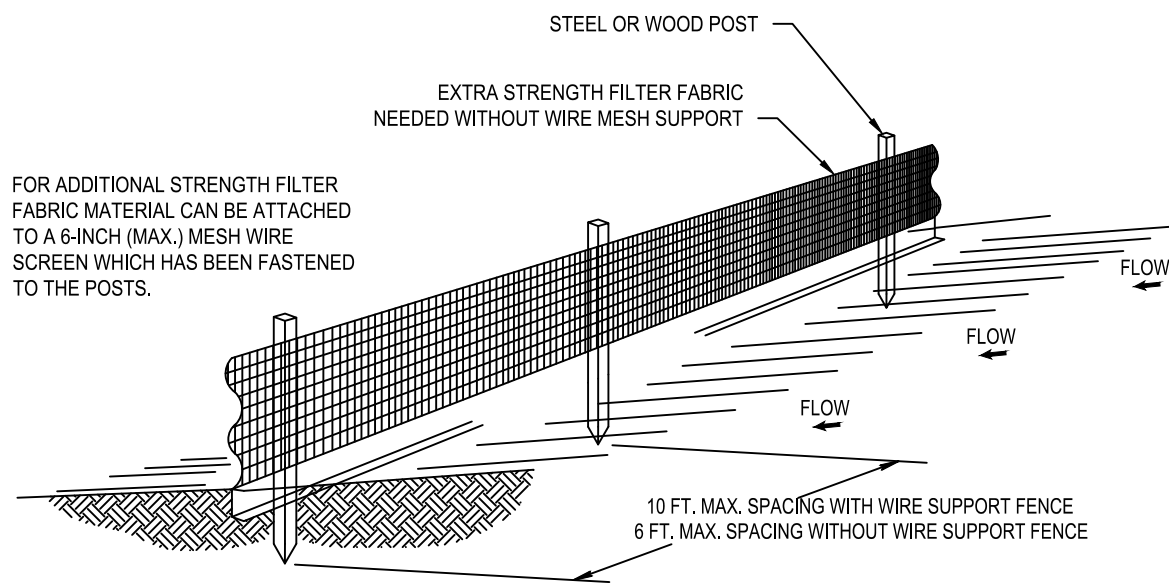
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22-0401

PROJECT DATE:
6-5-2024

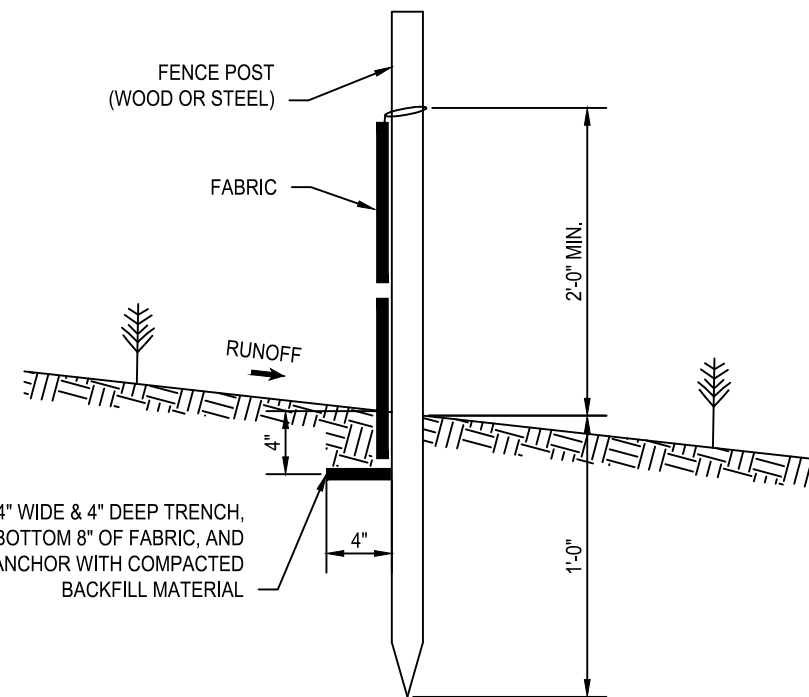
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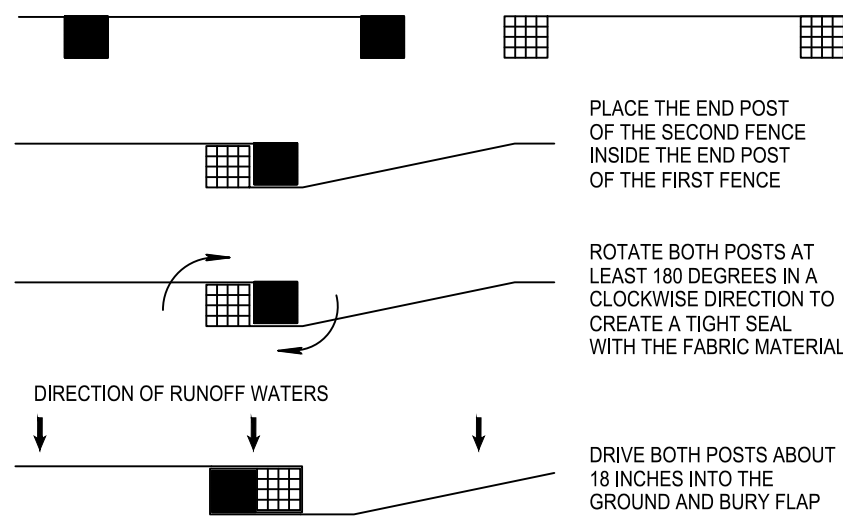
NOTES:

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 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, TIE WIRES, OR HOG RINGS. THE WIRE SHALL EXTEND INTO 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 FILTER 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.

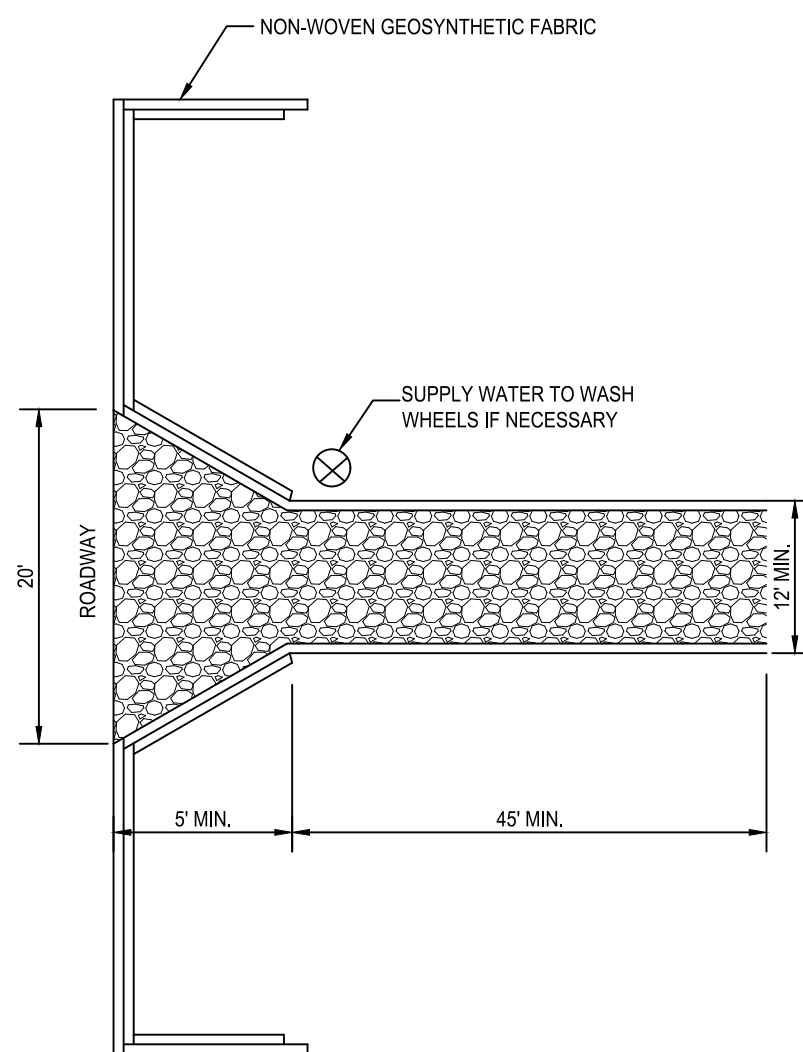
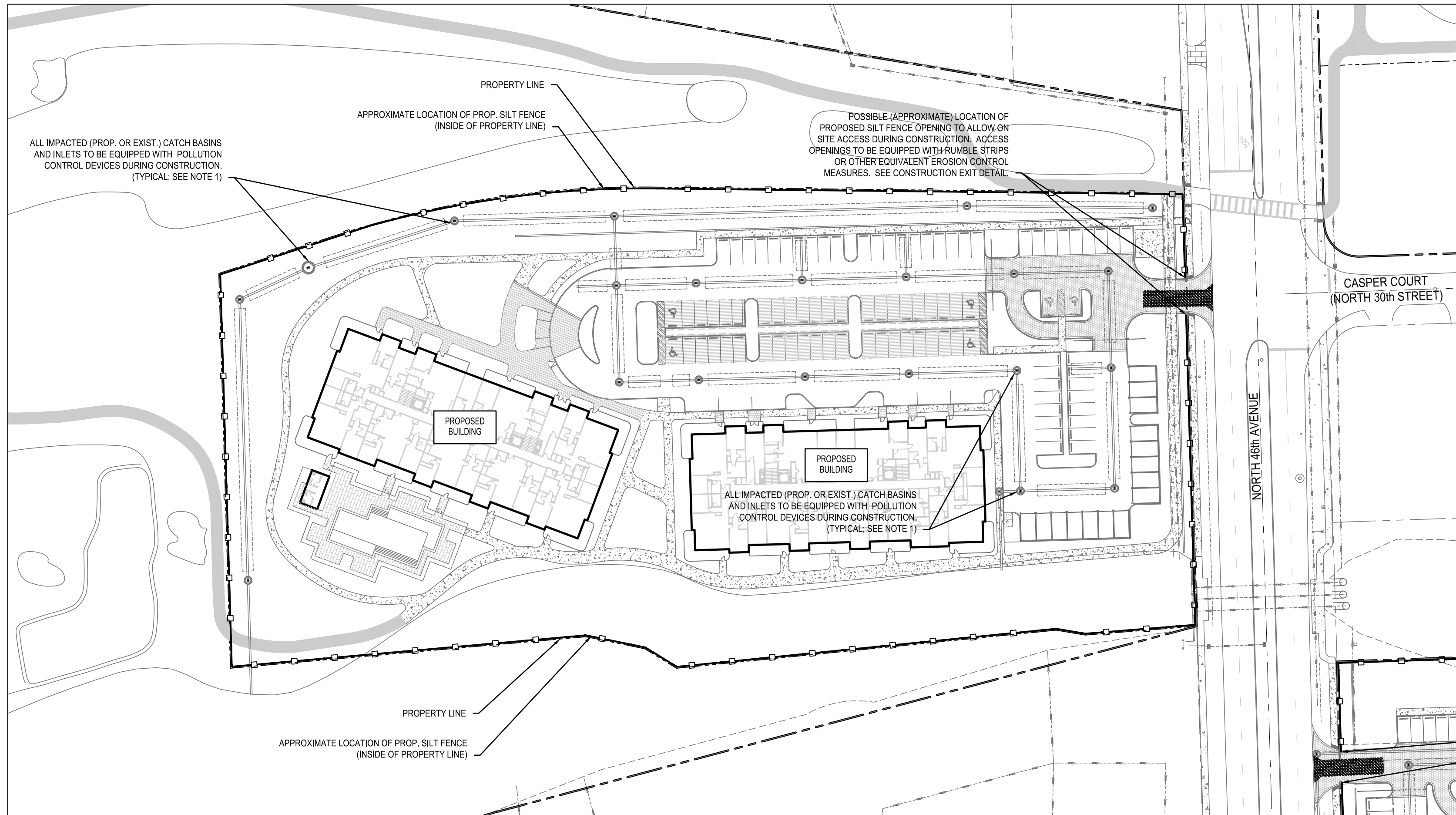
SILT FENCE INSTALLATION DETAIL



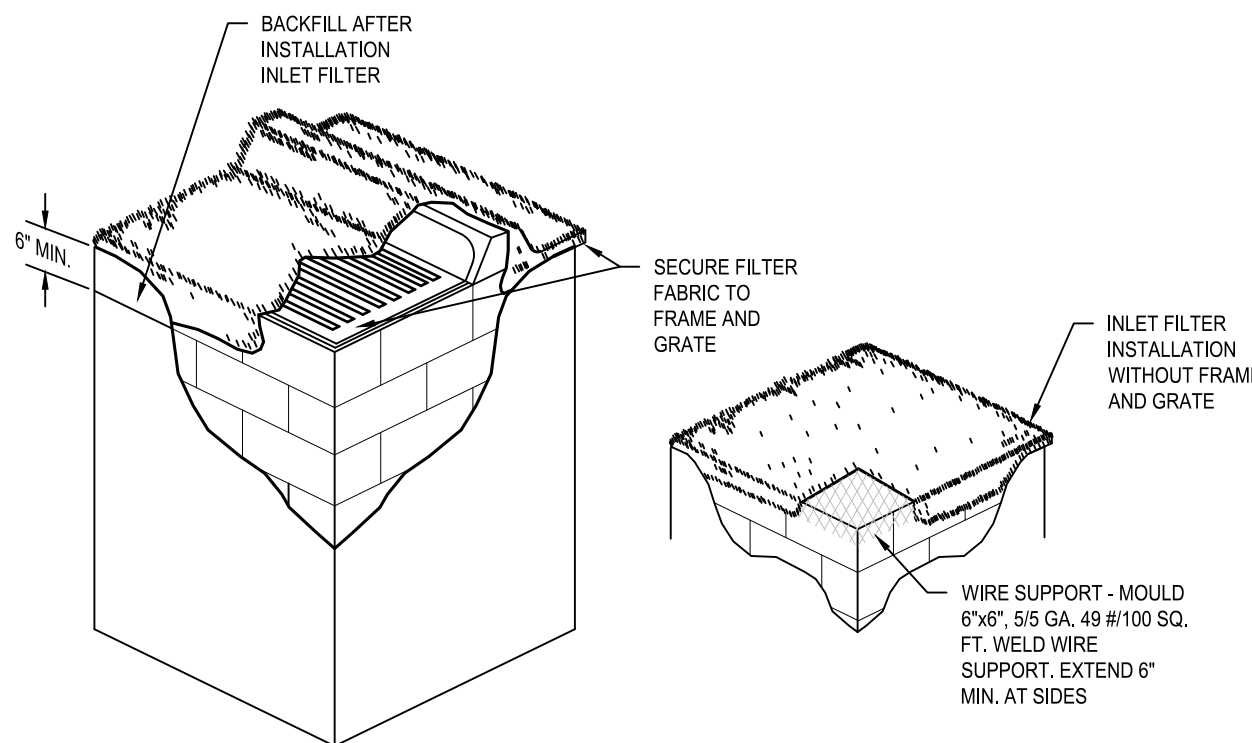
SILT FENCE SECTION NOT TO SCALE



ATTACHING TWO SILT FENCES NOT TO SCALE



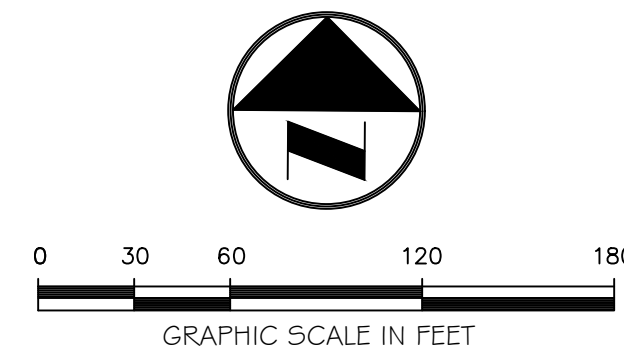
STABILIZED CONSTRUCTION EXIT NTS



NOTES:

1. CONTRACTOR IS TO CLEAN INLET FILTER AFTER EVERY STORM.
2. CONTRACTOR TO REMOVE FABRIC JUST PRIOR TO PAVING.
3. A SEDIMENT TRAP WILL BE EXCAVATED BEHIND THE CURB AT THE INLET. THE BASIN SHALL BE AT LEAST 12 TO 14\"/>

INLET FILTER DETAIL NTS

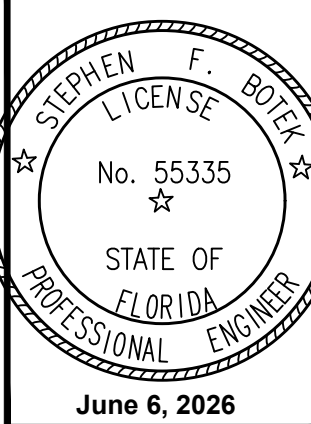


POLLUTION CONTROL NOTES:

1. ALL DRAINAGE INLETS IMPACTED BY THIS PROJECT DURING CONSTRUCTION TO BE EQUIPPED WITH FILTER FABRIC AND/OR APPROVED EQUIVALENT OVER GRATES PER DETAIL THIS SHEET. CURB INLETS TO BE EQUIPPED WITH CURB INLET POLLUTION CONTROL DEVICES
2. SILT FENCES SHALL BE INSTALLED AS NECESSARY TO CONTROL OR PREVENT OFF-SITE DISCHARGE OF SEDIMENT.
3. ALL AREAS DISTURBED DURING CONSTRUCTION SHALL BE STABILIZED WITHIN A REASONABLE PERIOD OF TIME TO ASSURE MINIMUM EROSION OF SOILS.
4. CONTRACTOR TO COMPLY WITH TERMS AND CONDITIONS OF NATIONAL POLLUTION DISCHARGE ELIMINATION SYSTEM (NPDES) GENERAL PERMIT.
5. CONTRACTOR TO PROVIDE FOR TRUCK WASH DOWN AREA AT ALL TEMPORARY AND PERMANENT ENTRANCES/EXITS DURING CONSTRUCTION.
6. IF DEBRIS IS FOUND IN THE CITY'S STORMWATER SYSTEM PRIOR TO CONSTRUCTION, THE GENERAL CONTRACTOR SHALL INFORM THE CITY'S STORMWATER OPERATIONS DEPARTMENT FOR PROPER REMOVAL.
7. IF DEBRIS IS FOUND IN THE CITY'S STORM SYSTEMS AS A RESULT OF CONSTRUCTION ACTIVITIES, IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VACUUM CLEAN THE CITY'S STORMWATER SYSTEM & PROVIDE PROOF OF ITS FINAL CONDITION TO THE CITY'S STORMWATER OPERATIONS GROUP FOR APPROVAL PRIOR TO FINAL C.O.

BTE REF DATE: 6-6-2026

REVISIONS	DATE	#



THIS DOCUMENT HAS BEEN DIGITALLY SIGNED AND SEALED BY STEPHEN F. BOTEK, P.E. ON THE DATE ADJACENT TO THE SEAL.

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

POLLUTION AND EROSION CONTROL PLAN

EMERALD HILLS

Site B - North 46th Avenue - West
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BTE PROJECT #:
22-0401

PROJECT DATE:
6-5-2024

SHEET #:
CB-POL-1

Always call 811 two full business days before you dig to have underground utilities located and marked.

Sunshine811.com