

Reviewed for code compliance
J Ooyman
09/10/2025 4:09:15 PM

Environmental Review
A. Stonik
09/11/2025 3:16:21 PM

CONTRACT DOCUMENTS

For the construction of the

City of Marco Island Public Works
New Office and Storage

PERMIT SET

ADDRESS: 415 LILY COURT
MARCO ISLAND, FL 34145

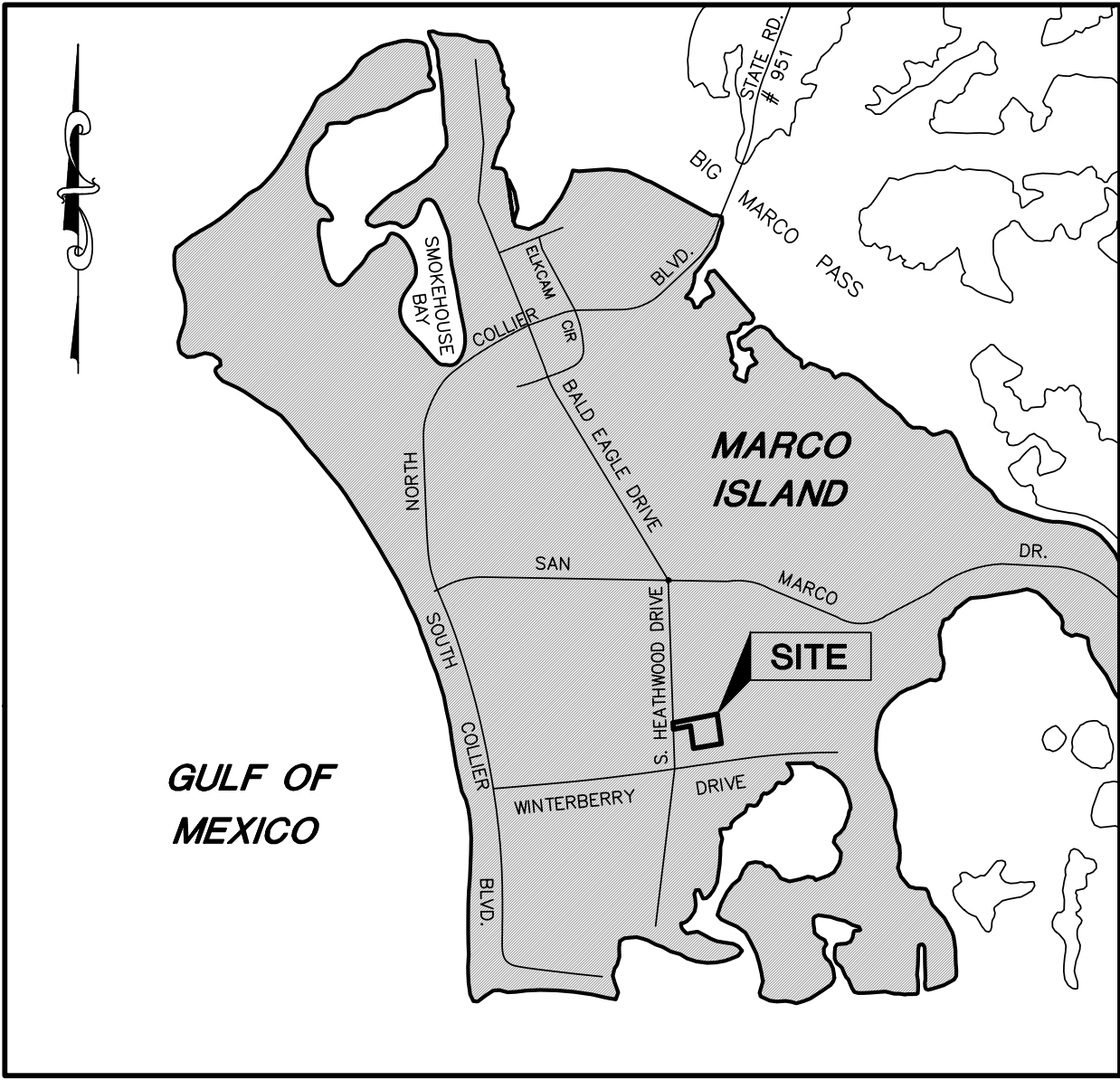
LEGAL: MARCO BEACH UNIT 25
TRACT G

OWNER: CITY OF MARCO ISLAND
50 BALD EAGLE DRIVE
MARCO ISLAND, FL 34145

AGENT: MARTIN D. PINCKNEY, P.E.
AMERICAN ENGINEERING CONSULTANTS
OF MARCO ISLAND, INC.
573 BALD EAGLE DRIVE
MARCO ISLAND, FL 34145
PHONE NUMBER: 239-394-1697



AERIAL VIEW
NTS



LOCATION MAP
NTS

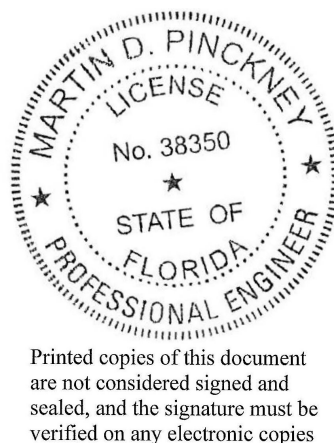
PROJECT DATA	
NEW OFFICES AND STORAGE BUILDING	
TYPE OF CONSTRUCTION PER THE FBC 8TH EDITION TABLE 602-TYPE IIB	
FULLY SPRINKLERED PER NFPA 13	
OCCUPANCY CLASSIFICATION PER FFPC EIGHTH EDITION-BUSINESS AND STORAGE	
TOTAL SQUARE FOOTAGE	
CONDITIONED	4,754 S.F.
NON-CONDITIONED	0 S.F.
NEW COVERED OPEN STORAGE	
TYPE OF CONSTRUCTION PER THE FBC 8TH EDITION TABLE 602-TYPE IIB	
NON SPRINKLERED	
OCCUPANCY CLASSIFICATION PER FFPC EIGHTH EDITION-STORAGE	
TOTAL SQUARE FOOTAGE	
CONDITIONED	0 S.F.
NON-CONDITIONED	4,100 S.F.

Civil Drawings

AMERICAN ENGINEERING CONSULTANTS
OF MARCO ISLAND, INC.

AEC Project No. 10383-003-01

MARCH 2025



c=US, cn=MARTIN DU PRE
PINCKNEY
I agree to the terms defined
by the placement of my
signature on this document
2025.07.09 16:22:22 -04'00'

- K. ALL REUSE IRRIGATION PIPING AND FITTING SHALL BE PANTONE PURPLE.
- L. ALL HOSE BIBS SHALL BE FITTED WITH A LOOKABLE BOX AND HAVE A SIGN AT EACH HOSE BIB FOR NON-POTABLE WATER.
- M. SIGNS SHALL BE POSTED AT EACH ENTRANCE FOR NON-POTABLE WATER.
- N. ALL SEWER CLEAN OUTS SHALL BE ADJUSTED TO BE FLUSH IN PAVED AREAS AND HAVE A CAST CLEAN OUT RING AND COVER MARKED WITH AN "S" FOR SEWER AND TRAFFIC RATED.
- O. ALL SEWER CLEAN OUTS SHALL BE ADJUSTED TO 4" ABOVE GRADE IN UNPAVED AREAS AND HAVE AN 18"X18"X4" CONCRETE COLLAR AROUND THE CLEAN OUT.
- P. ALL SEWER PRESSURE FITTINGS WILL BE 40#I LANCE.
- Q. ALL EXISTING SEWER AND MANHOLES FROM ANDROS STREET TO BUILDING WILL BE CLEANED, VIDEO INSPECTED, AND REPAIRED AS NEEDED.
- R. ALL REPAIRS WILL BE TO SEWER MAINS AND MANHOLES WILL BE REVIEWED BY ENGINEER AND RECOMMENDATIONS PROVIDED TO CITY.
- S. PLASTIC LOCATOR TAP, IMPREGNATED WITH METALLIC FILINGS, SHALL BE PLACED IN THE PIPE TRENCH AT 12-INCHES ABOVE THE TOP OF PIPE, AND 12-INCHES BELOW FINISHED GRADE, AND LABELED "WATER MAIN" OR "SEWER MAIN" AS APPROPRIATE. LOCATING MARKERS WILL BE 3# BRAND, SCOTCH MARKER 1403-X9 SMARTBALL (BLUE). LOCATING BALLS WILL BE PLACED AT A MINIMUM OF EVERY 50-FOET AND AT ALL FITTINGS, CHANGE OF DIRECTIONS, AND AT THE SIDE OF A ROAD CROSSING NOT EXCEEDING 2-FOET FROM THE EDGE OF PAVEMENT. CONTRACTOR WILL PROVIDE 6-INCHES MINIMUM HORIZONTAL SEPARATION BETWEEN FITTING AND LOCATOR BALL, AND WILL BURY THE BALL. A DISTANCE OF 12-INCHES SHALL BE MAINTAINED FROM FINISHED GRADE. LOCATOR BALLS WILL NOT BE BURED BELOW ANY PIPE OR FITTINGS.
- T. AS BUILT OR RECORD DRAWING ARE REQUIRED FOR ALL OUT DOOR PIPING WORK AND WILL BE COMPILED BY CONTRACTOR, WITH SURVEYED LOCATIONS AND ELEVATIONS, AND FURNISHED TO EOR. EOR WILL PROVIDE RECORD DRAWING TO MIU.
24. STORM SEWER NOTES:
- A. FIBER REINFORCED CONCRETE PIPE 12" DIA. AND LARGER SHALL BE CLASS IV AND CONFORM TO ASTM C1450.
- B. REINFORCED CONCRETE FITTINGS SHALL BE ASTM-C-76 CLASS III WITH O-RING JOINTS.
- C. REINFORCED CONCRETE ELLIPTICAL PIPE SHALL MEET THE REQUIREMENTS OF ASTM C 507 AND AASHTO M 207 WITH PRE-FORMED PLASTIC GASKETS.
- D. REINFORCED CONCRETE ARCH PIPE SHALL MEET THE REQUIREMENTS OF ASTM C 506 AND AASHTO M 207 WITH PRE-FORMED PLASTIC JOINTS.
- E. FLEXIBLE CORRUGATED POLYETHYLENE 4" TO 10" PIPE TO BE AASHTO M252 TYPE C WITH MANUFACTURER'S SAND-TIGHT JOINTS.
- F. FLEXIBLE CORRUGATED POLYETHYLENE PIPE 12" AND LARGER TO BE AASHTO M254 TYPE C WITH MANUFACTURER'S SAND-TIGHT JOINTS.
- G. SMOOTH INTERIOR CORRUGATED POLYETHYLENE PIPE 12" AND LARGER SHALL BE AASHTO M254 TYPE S WITH MANUFACTURER'S WATER-TIGHT JOINTS.
- H. SMOOTH INTERIOR POLYPROPYLENE PIPE 12" AND LARGER SHALL BE AASHTO TYPE MP-21-11 WITH MANUFACTURERS WATER-TIGHT JOINTS.
- I. STORM SEWER PIPES SHALL BE FULLY GROUTED INTO ALL STRUCTURES WITH NON-SHRINK GROUT.
- J. SUBMIT SHOP DRAWINGS ON ALL STORM SEWER STRUCTURES.
25. CONFLICT NOTES:
- A. WATER MAINS CROSSING OVER SEPARATED SEWER LINES, FORCE MAINS AND IRRIGATION MAINS SHALL BE SEPARATED BY A VERTICAL DISTANCE OF 18" MINIMUM. PARALLEL LINES SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF 5.0' CENTER TO CENTER, AND 3.0' OUT TO OUT MINIMUM.
- B. WHEN THE 18" VERTICAL STANDARD CAN NOT BE MAINTAINED OVER THE SEWER LINE, A MINIMUM VERTICAL SEPARATION OF 12" MAY BE PERMITTED USING A STEEL CASING PER MIU SPECS ENCASEMENT AND SIX (6) INCHES OF BEDDING DOWNSIDE OF A DISTANCE OF 10.0' EACH WAY FROM THE WATER LINE AND/ OR ANY OTHER CONDUIT.
- C. ALL CROSSINGS WITH VERTICAL CLEARANCE LESS THAN 18" SHALL BE MADE USING CLASS 200 AWWA DUCTILE PIPE FOR LINES 12" AND SMALLER AND CLASS 51 DUCTILE IRON PIPE FOR LINES 14" AND LARGER FOR A DISTANCE OF 10.0' EACH SIDE OF THE CROSSING. ALL CROSSINGS WITH LESS THAN 18" CLEARANCE NEED PRIOR APPROVAL FROM MIU.
- D. GRADUAL DEFLECTION OF THE WATER LINE IN LIEU OF USING TRANSITIONAL FITTINGS WILL NOT BE PERMITTED.
- E. TRANSITIONAL FITTINGS WHEN USED SHALL BE LOCATED AS CLOSE TO POINT OF CONFLICT AS POSSIBLE.
- F. PIPE AND FITTINGS SHALL BE ADEQUATELY RESTRAINED USING RETAINER GLANDS, RODS, OR OTHER SUITABLE METHODS - PER MIU SPECS.
- G. 18" CLEARANCE SHALL NOT BE REDUCED WHERE WATER MAIN CROSSES UNDER OR OVER SEWER LINE.
- H. VERTICAL CLEARANCE LESS THAN 12" SHALL NOT BE ALLOWED.
- I. WATER SERVICE CONDUITS AND IRRIGATION SERVICE CONDUITS SHALL BE SEPARATED BY A MINIMUM DISTANCE OF 10'.
26. WHEN AN "OPEN CUT" IS MADE IN A STREET OR ROADWAY, CONTRACTOR SHALL BED AND BACKFILL TO ORIGINAL SURFACE AND RESTORE PAVING, REGRADE AND SOO SHOULDERS AND INSTALL TRAFFIC MARKINGS AND TRAFFIC SIGNS TO FDOT SPECIFICATIONS. NO OPEN CUT CONSTRUCTION ON PUBLIC STRETS, R.O.W, OR EASEMENTS SHALL BE INITIATED WITHOUT EXPRESS APPROVAL OF THE CITY OF MARCO ISLAND.
27. DEWATERING NOTES:
- A. SITE DEWATERING MAY BE NECESSARY TO LOWER AND CONTROL GROUNDWATE LEVELS AND HYDROSTATIC PRESSURES TO PERMIT EXCAVATION AND CONSTRUCTION TO BE PERFORMED PROPERLY UNDER DRY CONDITIONS.
- B. THE RESPONSIBILITY FOR CONDUCTING THE DEWATERING OPERATION IN A MANNER, WHICH WILL PROTECT ADJACENT STRUCTURES AND FACILITIES, RESTS SOLELY WITH THE CONTRACTOR. THE COST OF REPAIRING ANY DAMAGE TO ADJACENT STRUCTURES AND RESTORATION OF FACILITIES SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR
- C. DEWATERING MAY BE FACILITATED BY CONSTRUCTION OF A COFFERDAM AT CANAL DISCHARGE.
- D. THE CONTRACTOR SHALL BEAR THE SOLE RESPONSIBILITY FOR THE DESIGN, INSTALLATION, AND OPERATION OF THE DEWATERING SYSTEM TO COMPLY WITH THE INSTALL ADDITIONAL DEWATERING EQUIPMENT AS MAY BE REQUIRED THROUGH-OUT THE DURATION OF THE PROJECT TO MAINTAIN REQUIRED GROUNDWATER LEVELS.
- E. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH ANY APPROVED DISCHARGE OF DEWATERING EFFLUENT.
- F. PRIOR TO COMMENCEMENT OF DEWATERING, THE CONTRACTOR SHALL DETERMINE WHETHER A SFWMO DEWATERING PERMIT IS REQUIRED, AND SHALL APPLY FOR AND OBTAIN ANY SUCH REQUIRED PERMIT, PROVIDING ANY DETAILED PLANS AND SCHEDULES AS MAY BE REQUIRED BY SFWMO.
- G. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH OBTAINING ALL PROPER PERMITS AND FOR MAINTAINING PERMIT COMPLIANCE, INCLUDING ALL COSTS ASSOCIATED WITH PERMIT VIOLATIONS.
- H. COPIES OF THE EXECUTED DEWATERING PERMIT APPROVED BY SFWMO, IF REQUIRED, SHALL BE SUBMITTED TO THE OWNER AND ENGINEER.
- I. ALL WATER ENCOUNTERED IN THE TRENCH SHALL BE DISPOSED BY THE CONTRACTOR IN SUCH A MANNER AS WILL NOT DAMAGE PUBLIC OR PRIVATE PROPERTY OR CREATE A NUISANCE OR HEALTH HAZARD.
28. NO CONSTRUCTION ACTIVITIES, NOR EQUIPMENT, NOR MATERIALS SHALL BE PLACED OR STORED UPON PUBLIC RIGHT OF WAY OR PRIVATE PROPERTY WITHOUT EXPRESS PERMISSION OF THE CITY OR PROPERTY OWNER.
29. THE CONTRACTOR IS RESPONSIBLE FOR REPLACEMENT OF LANDSCAPING DAMAGED AND ANY DAMAGED IRRIGATION SYSTEM UNLESS OTHERWISE NOTED.
30. THE APPROVAL OF THESE CONSTRUCTION PLANS DOES NOT AUTHORIZE CONSTRUCTION OF ANY REQUIRED IMPROVEMENTS THAT ARE INCONSISTENT WITH EASEMENTS OF RECORD.
31. CONTRACTOR SHALL RAISE/LOWER ALL EXISTING VALVE BOXES, ELECTRICAL BOXES, DRAINAGE STRUCTURES, MANHOLES AND SIMILAR STRUCTURES TO MATCH PROPOSED

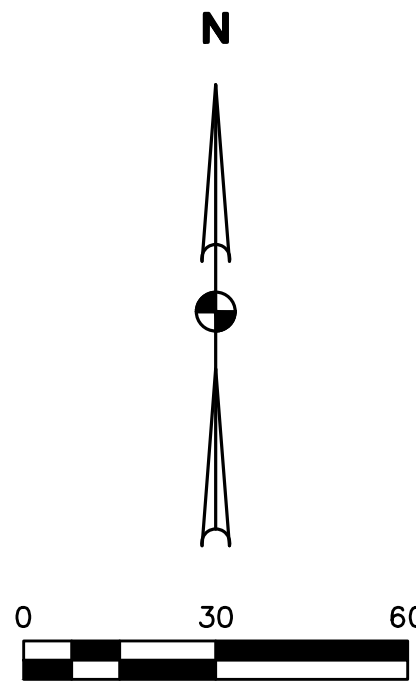
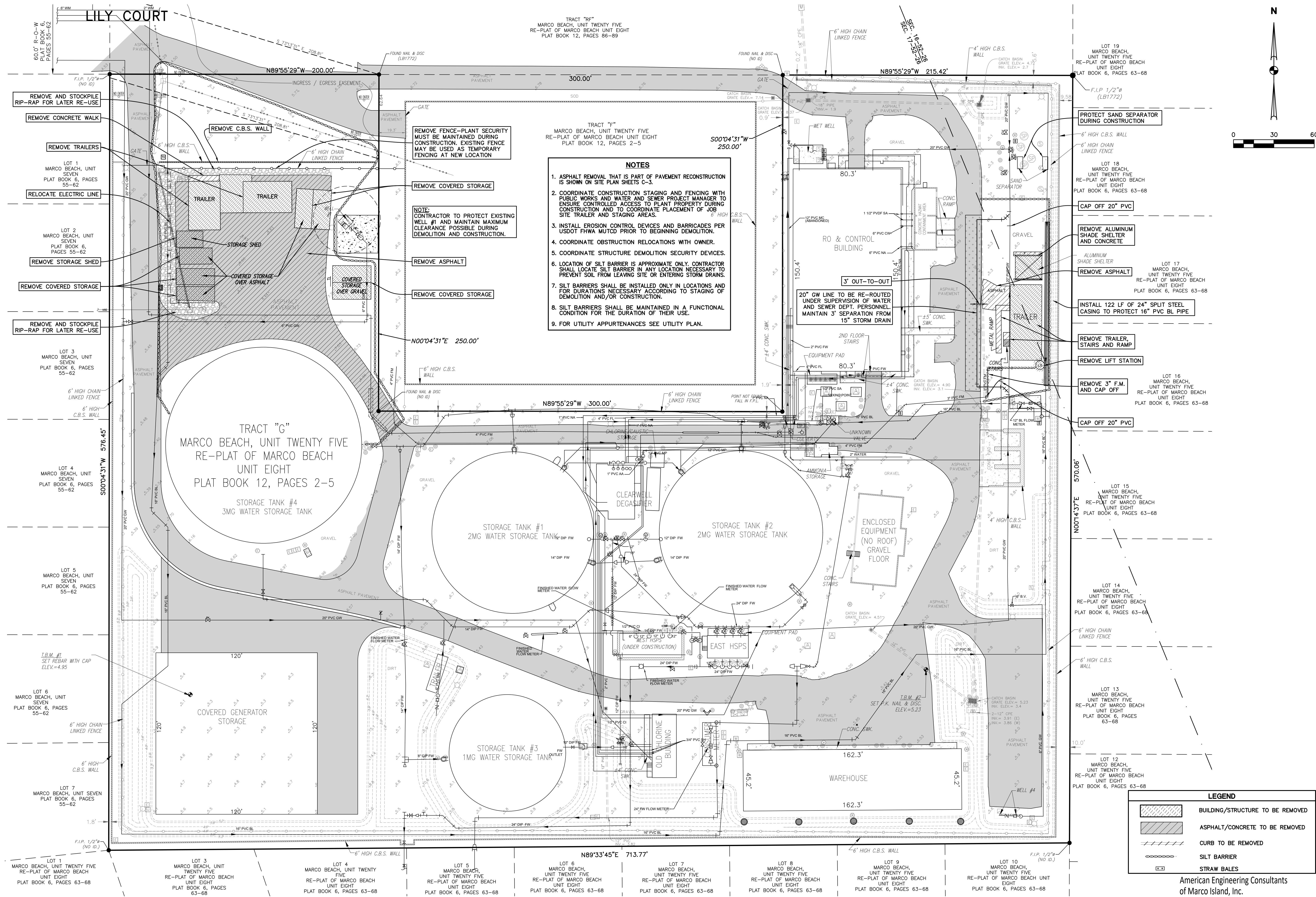
BLIC WORKS

St
AR
ISLA

	WATER METER
	WATER VALVE
	GREASE-TRAP MANHOLE
	SANITARY SEWER CLEAN-OUT
MHS 	SANITARY SEWER MANHOLE
	SANITARY SEWER VALVE
	MANHOLE_UNKNOWN
MHD 	DRAINAGE MANHOLE
	SIGNAL MAST ARM
	INTERCOM
	POST
	SIGN
	MAILBOX
	CONCRETE UTILITY POLE
	GUARDRAIL
	FPL TRANSFORMER

	PROPERTY LINE
	RIGHT-WAY LINE
	EASEMENT LINE
	X-UTL- DRAIN
	X-UTL- SANT
	OVERHEAD UTILITY LINE
	EXISTING ELEVATION
	GRAVEL
	BRICK
	BUILDING HATCH
	CONCRETE
	TILE
	ASPHALT PAVEMENT
	HANDICAP TACTILE STRIP
	

C-1



New Offices with Storage
CITY OF MARCO ISLAND PUBLIC WORKS
Lily Court
CITY OF MARCO ISLAND, FL

1181 Tamiami Trail #501
Fort Charlotte, Florida 33502
(813) 938-0261 Fax (813) 938-0262

1520 Colonial Blvd. #1100
Fort Myers, Florida 33906
(239) 271-0851 Fax (239) 271-0141

AA-00002422

ISSUED FOR SDP
Issued 6/6/2025

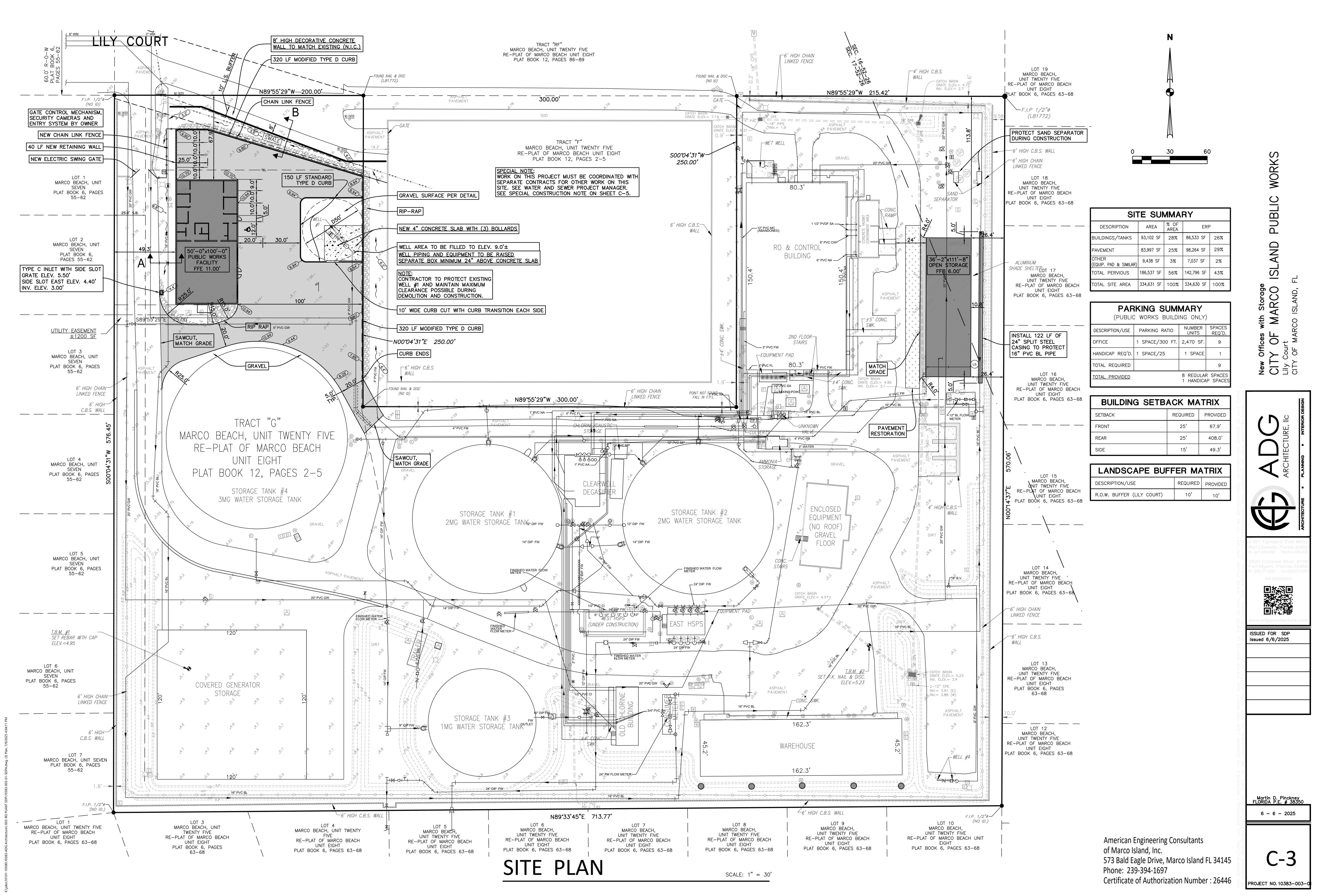
Martin D. Pinckney
FLORIDA P.E. # 38350

6 - 6 - 2025

C-2

PROJECT NO. 10383-003-C

American Engineering Consultants
of Marco Island, Inc.
573 Bald Eagle Drive, Marco Island FL 34145
Phone: 239-394-1697
Certificate of Authorization Number : 26446



SITE SUMMARY				
DESCRIPTION	AREA	% OF AREA	ERP	
BUILDINGS/TANKS	93,102 SF	28%	86,533 SF	26%
PAVEMENT	83,997 SF	25%	98,264 SF	29%
OTHER (EQUIP. PAD & SIMILAR)	9,438 SF	3%	7,037 SF	2%
TOTAL PERVIOUS	186,537 SF	56%	142,796 SF	43%
TOTAL SITE AREA	334,631 SF	100%	334,630 SF	100%

PARKING SUMMARY (PUBLIC WORKS BUILDING ONLY)				
DESCRIPTION/USE	PARKING RATIO	NUMBER UNITS	SPACES REQ'D.	
OFFICE	1 SPACE/300 FT.	2,470 SF.	9	
HANDICAP REQ'D.	1 SPACE/25	1 SPACE	1	
TOTAL REQUIRED			9	
TOTAL PROVIDED		8 REGULAR SPACES 1 HANDICAP SPACES		

BUILDING SETBACK MATRIX		
SETBACK	REQUIRED	PROVIDED
FRONT	25'	67.9'
REAR	25'	408.0'
SIDE	15'	49.3'

LANDSCAPE BUFFER MATRIX		
DESCRIPTION/USE	REQUIRED	PROVIDED
R.O.W. BUFFER (LILY COURT)	10'	10'

New Offices with Storage
CITY OF MARCO ISLAND PUBLIC WORKS
Lily Court
CITY OF MARCO ISLAND, FL



ISSUED FOR SDP
Issued 6/6/2025

6 - 6 - 2025

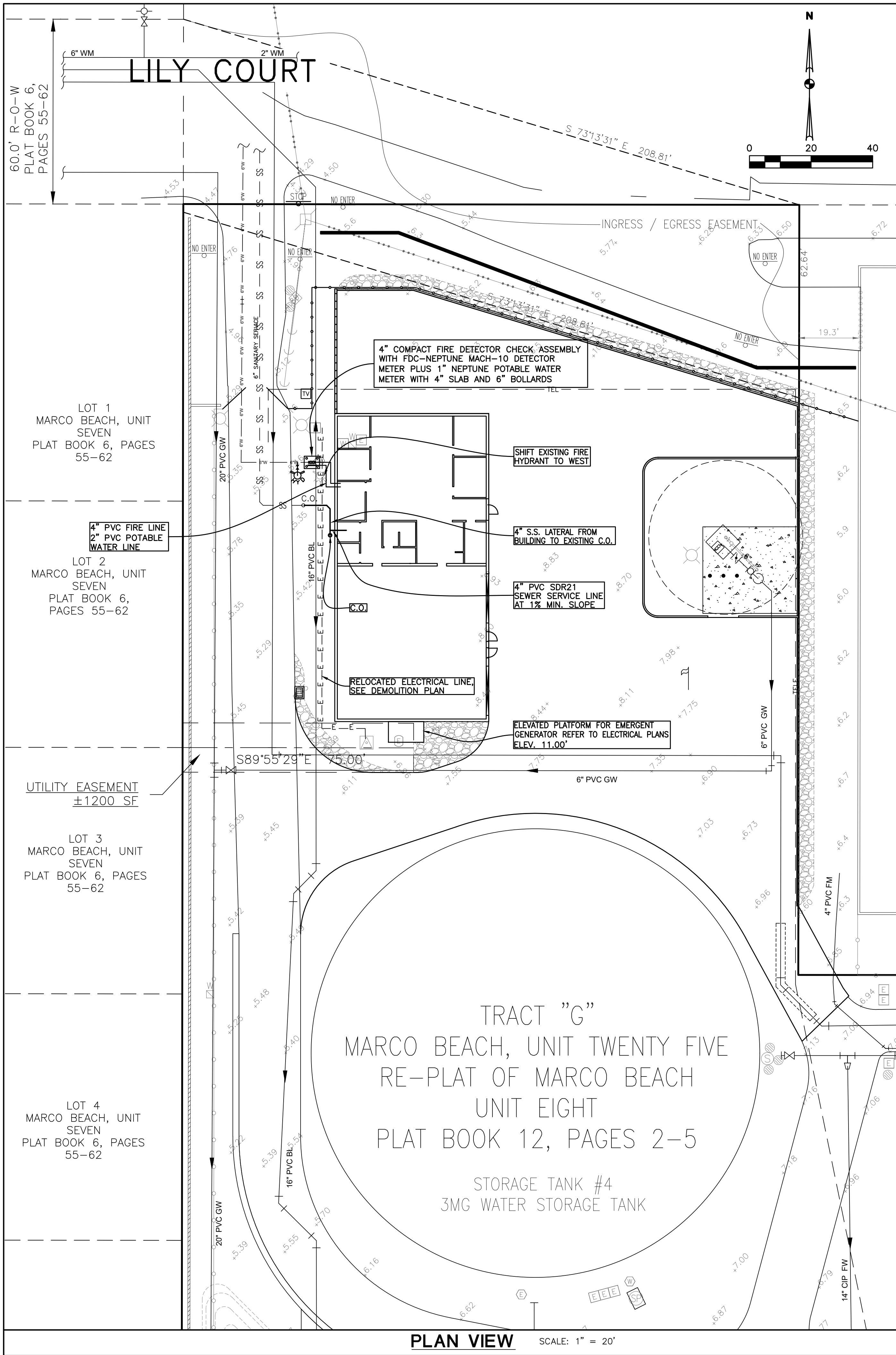
Martin D. Pinckney
FLORIDA P.E. # 38350

6 - 6 - 2025

American Engineering Consultants
of Marco Island, Inc.
573 Bald Eagle Drive, Marco Island FL 34145
Phone: 239-394-1697
Certificate of Authorization Number : 26446

C-3

PROJECT NO. 10383-003-C

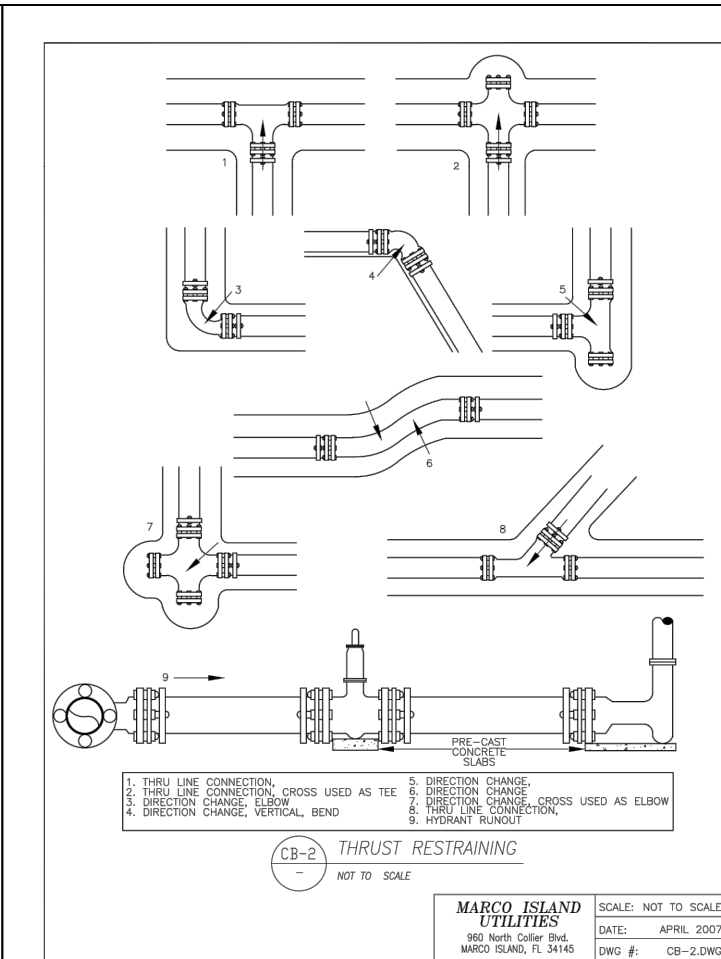
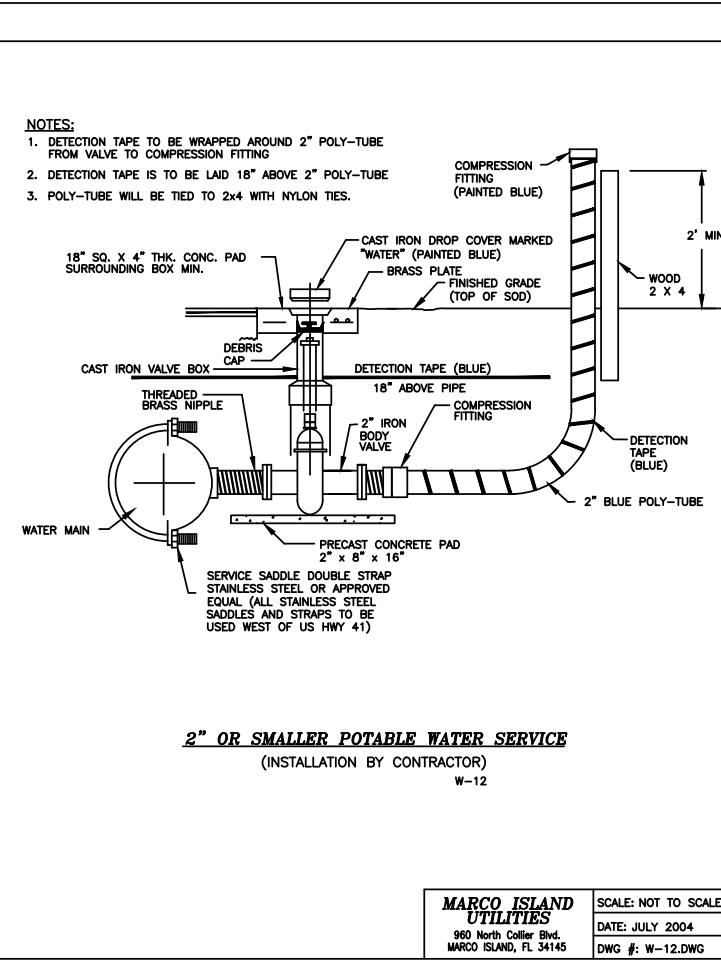
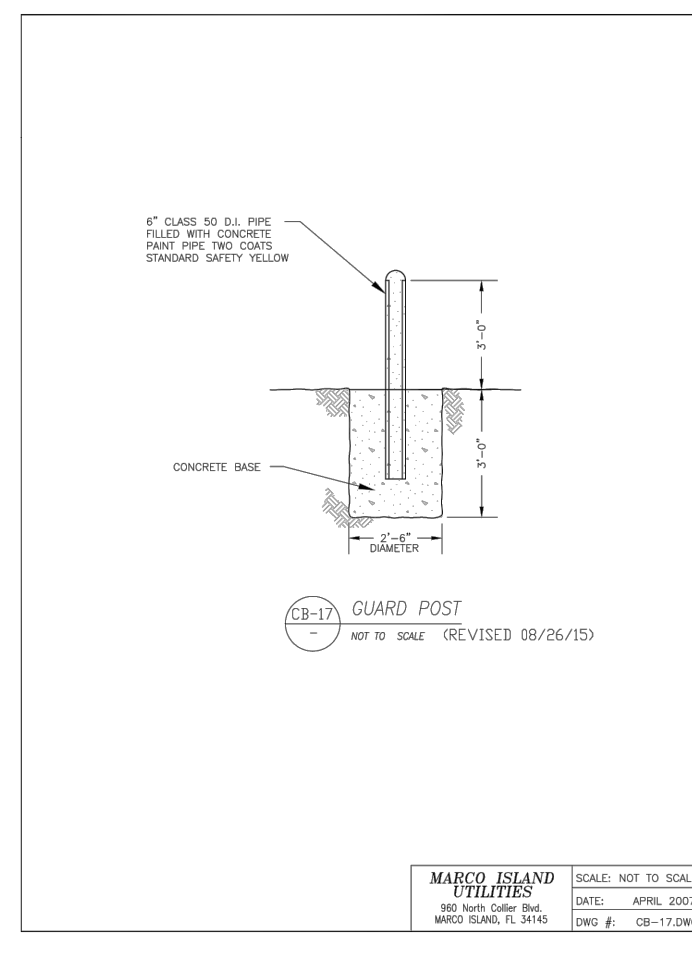
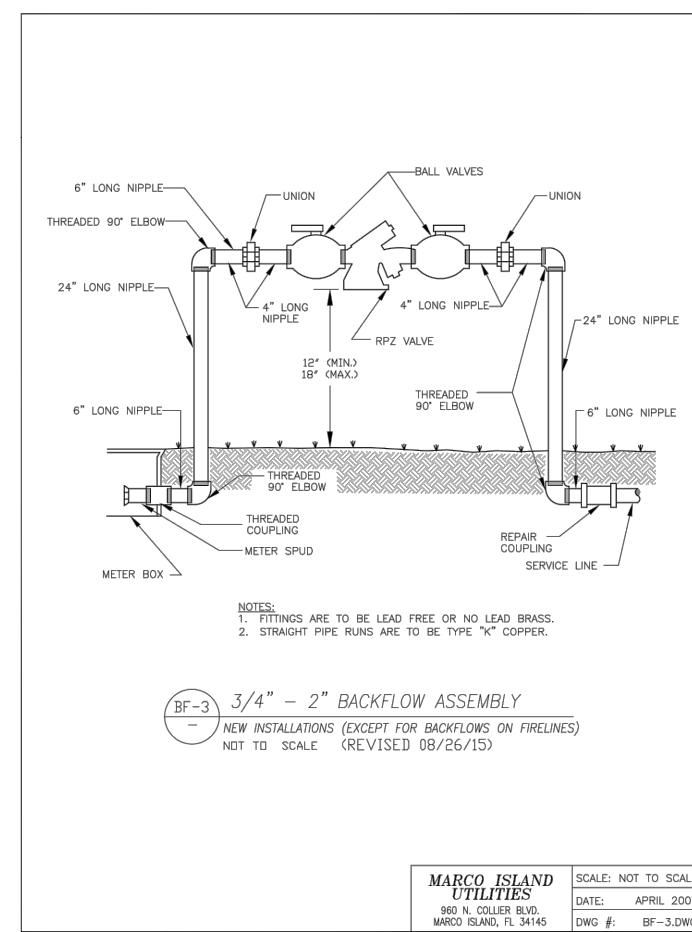
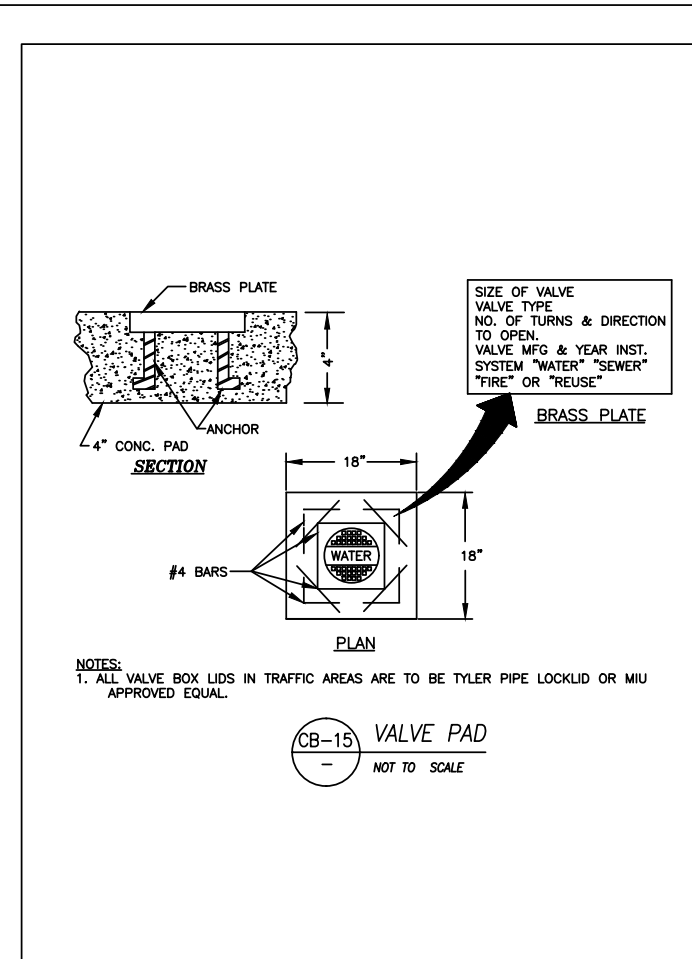
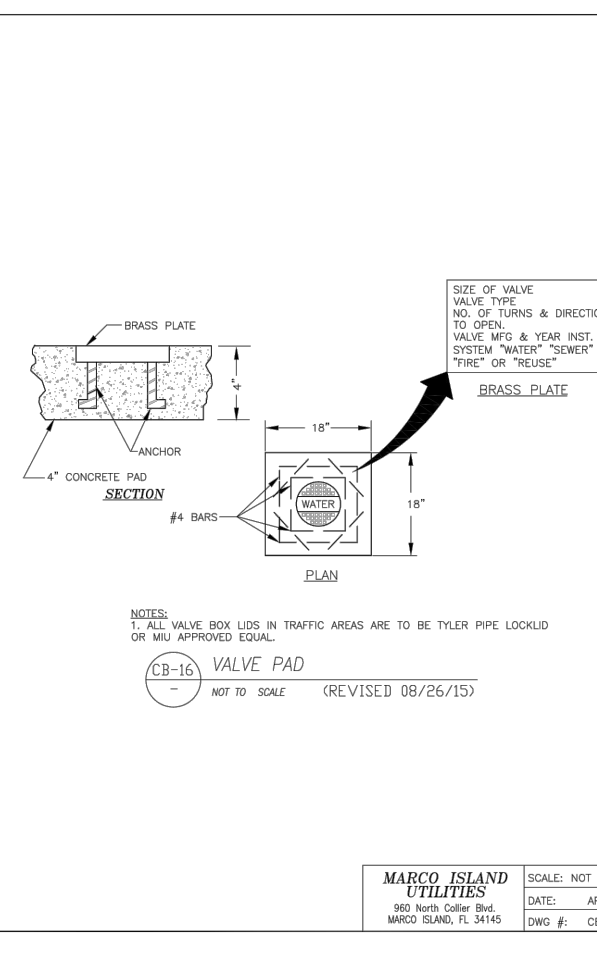
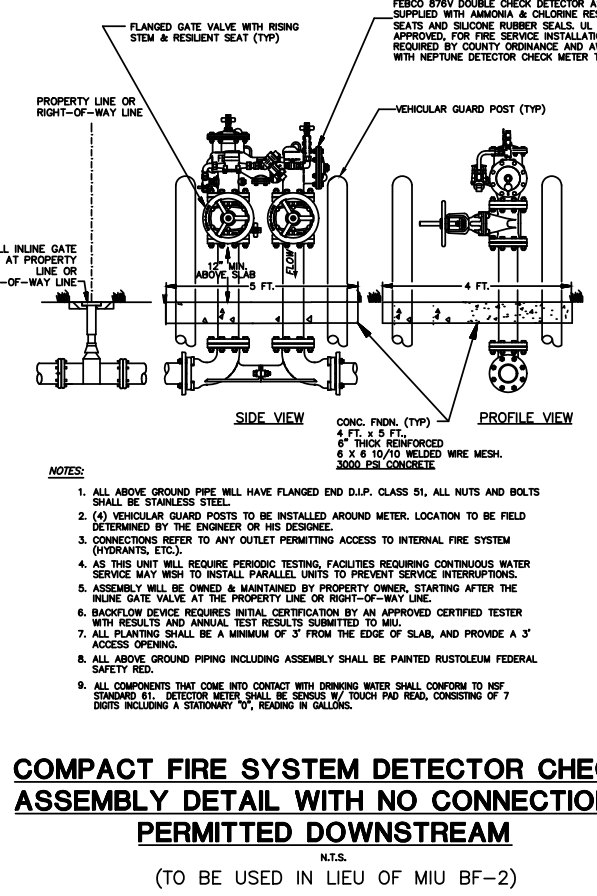
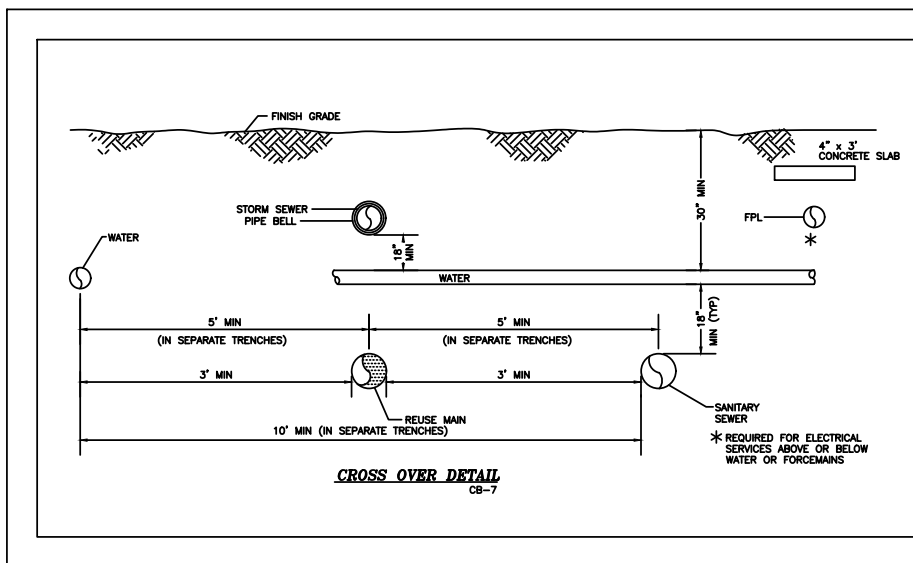


NOTES:

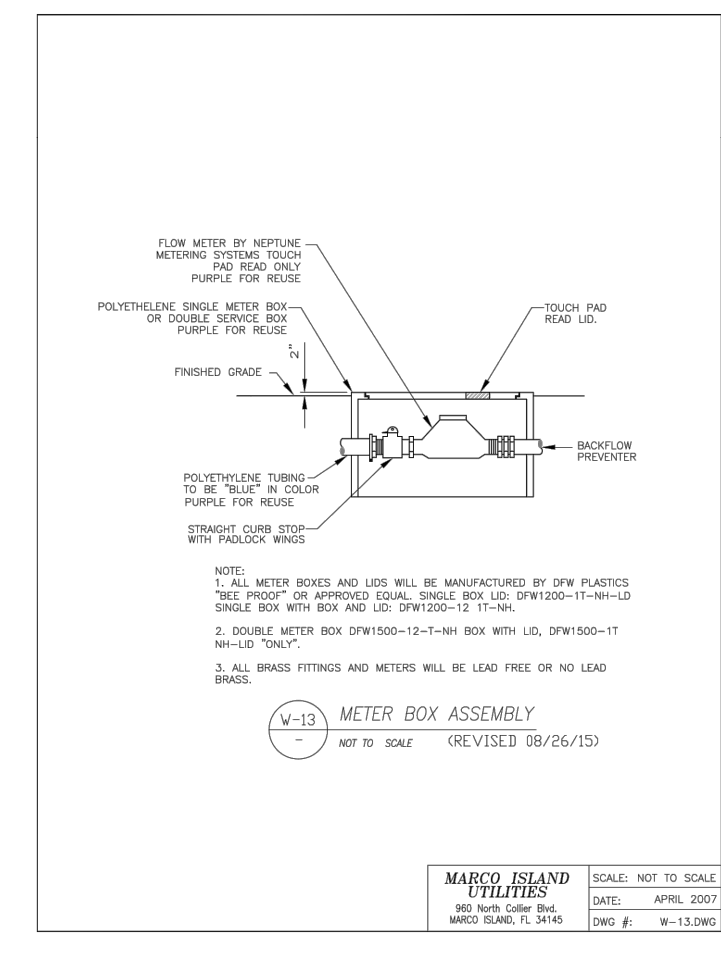
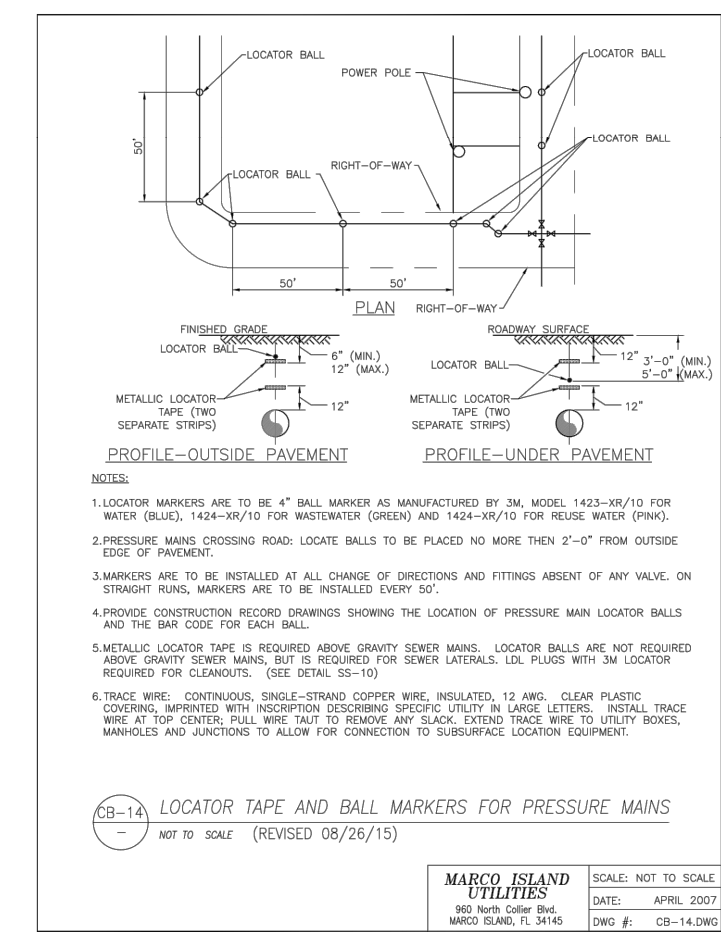
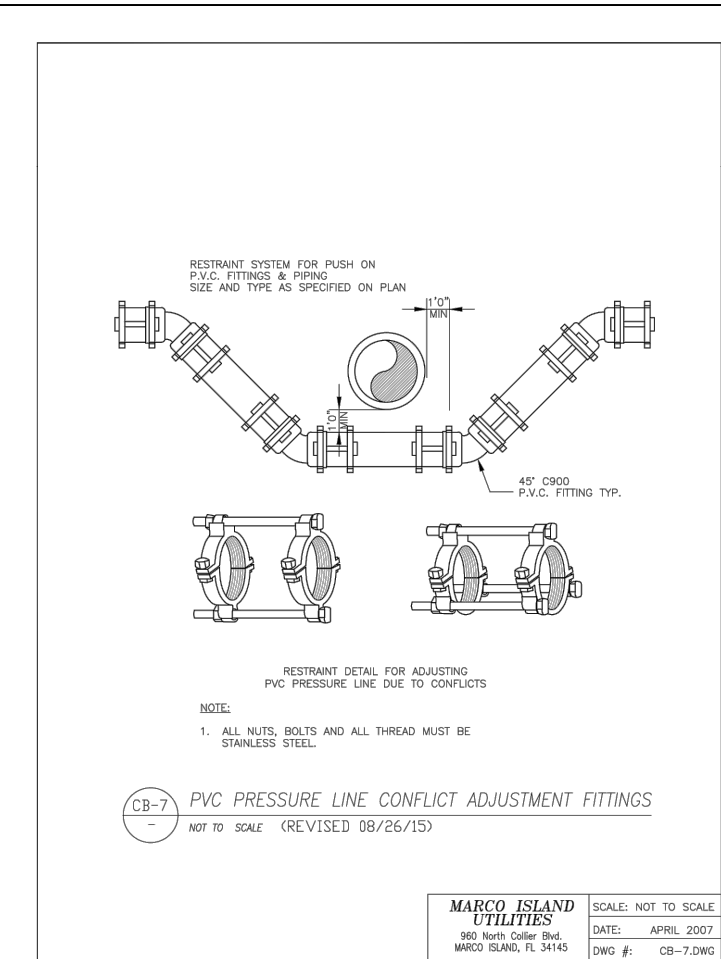
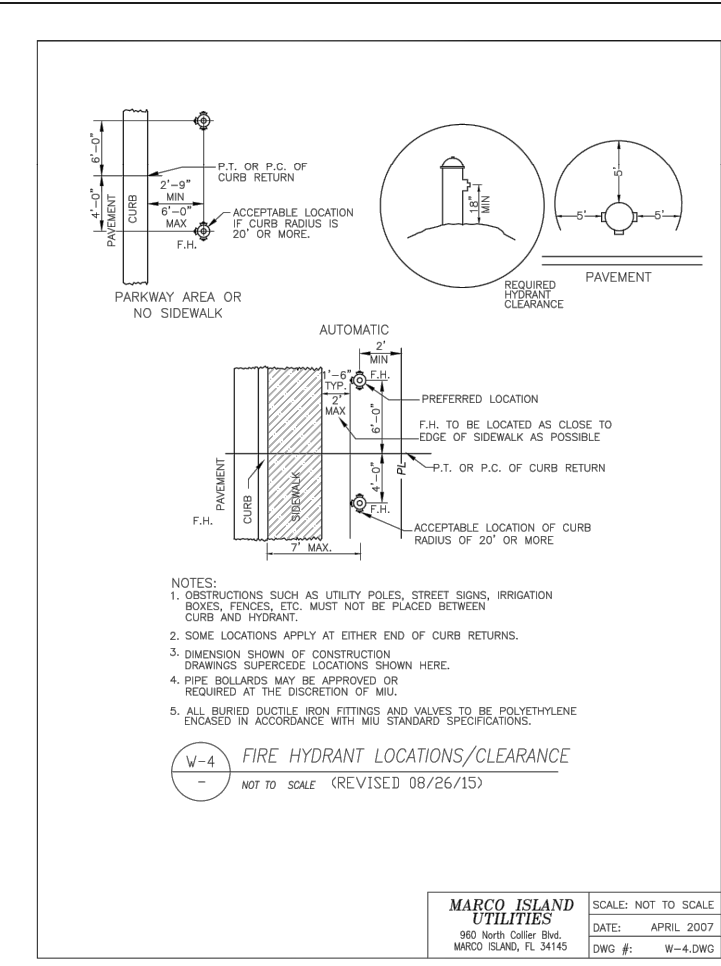
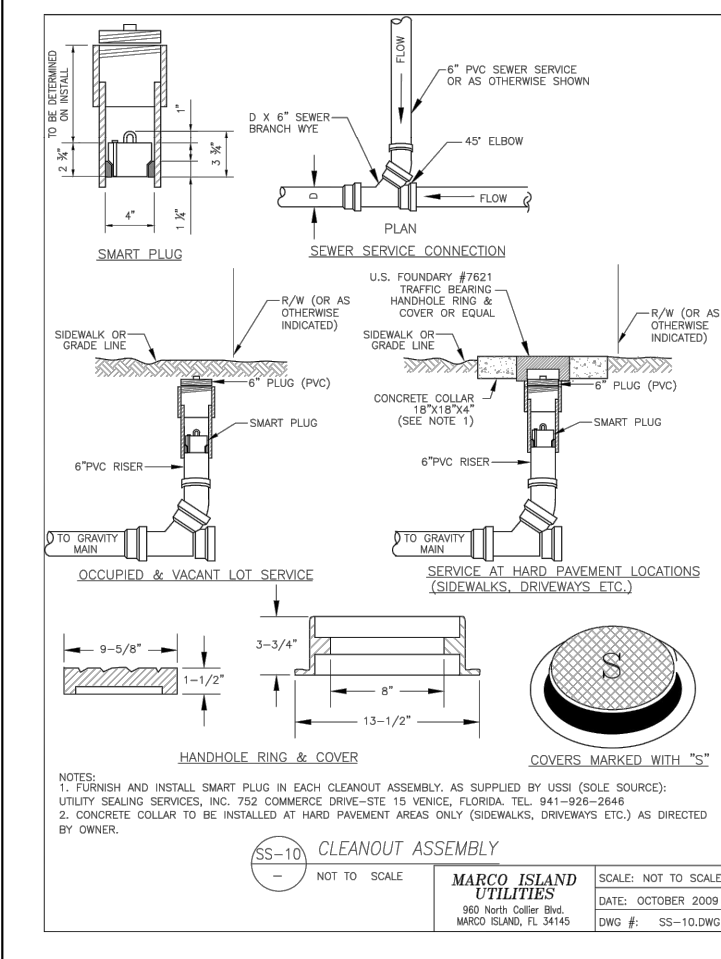
1. ALL WATER MAIN AND SERVICE CONSTRUCTION SHALL CONFORM TO "MARCO ISLAND UTILITIES TECHNICAL STANDARDS MANUAL", REV. JAN. 2007.
2. ALL SEWER MAIN AND SERVICE CONSTRUCTION SHALL CONFORM TO "MARCO ISLAND UTILITIES TECHNICAL STANDARDS MANUAL", REV. JAN. 2007.
3. PLASTIC LOCATOR TAPE, IMPREGNATED WITH METALLIC FILINGS, SHALL BE PLACED IN THE PIPE TRENCH AT 12-INCHES ABOVE THE TOP OF PIPE, AND 12-INCHES BELOW FINISHED GRADE, AND LABELED "WATER MAIN" OR "SEWER MAIN" AS APPROPRIATE. LOCATING MARKERS WILL BE 3M BRAND, SCOTCH MARKER 1403-NR SMARTBALL (BLUE). LOCATING BALLS WILL BE PLACED AT A MINIMUM OF EVERY 50-FOOT AND AT ALL FITTINGS, CHANGE OF DIRECTIONS, AND EACH SIDE OF A ROAD CROSSING NOT EXCEEDING 2-FOET FROM THE EDGE OF PAVEMENT. CONTRACTOR WILL PROVIDE 6-INCHES MINIMUM HORIZONTAL SEPARATION BETWEEN FITTING AND LOCATOR BALL, AND WILL BURY THE BALL A MAXIMUM OF 12-INCHES BUT LESS THAN 6-INCHES BELOW FINISHED GRADE. LOCATOR BALLS WILL NOT BE BURIED BELOW ANY PIPE OR FITTINGS.
4. UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND MAY BE INCOMPLETE. CONTRACTOR TO VERIFY PRIOR TO CONSTRUCTION IN CASE REDESIGN IS NECESSARY.
5. CONFLICT NOTES:
 - A. WATER MAINS CROSSING OVER SANITARY SEWER LINES, FORCE MAINS AND IRRIGATION MAINS SHALL BE SEPARATED BY A VERTICAL DISTANCE OF 18" MINIMUM. PARALLEL LINES SHALL BE SEPARATED BY A HORIZONTAL DISTANCE OF 5.0' CENTER TO CENTER, AND 3.0' OUT TO OUT MINIMUM.
 - B. WHEN THE 18" VERTICAL STANDARD CAN NOT BE MAINTAINED OVER THE SEWER LINE, A MINIMUM VERTICAL SEPARATION OF 12" MAY BE PERMITTED USING A STEEL CASING PER MIU SPECS ENCASEMENT AND SIX (6) INCHES OF BEDDING STONE FOR A DISTANCE OF 10.0' EACH SIDE OF THE CROSSING. ALL CROSSINGS WITH LESS THAN 18" CLEARANCE NEED PRIOR APPROVAL FROM MIU.
 - C. ALL CROSSINGS WITH VERTICAL CLEARANCE LESS THAN 18" SHALL BE MADE USING CLASS 200 AWWA DUCTILE PIPE FOR LINES 12" AND SMALLER AND CLASS 51 DUCTILE IRON PIPE FOR LINES 14" AND LARGER FOR A DISTANCE OF 10.0' EACH SIDE OF THE CROSSING. ALL CROSSINGS WITH LESS THAN 18" CLEARANCE NEED PRIOR APPROVAL FROM MIU.
 - D. GRADUAL DEFLECTION OF THE WATER LINE IN LIEU OF USING TRANSITIONAL FITTINGS WILL NOT BE PERMITTED.
 - E. TRANSITIONAL FITTINGS WHEN USED SHALL BE LOCATED AS CLOSE TO POINT OF CONFLICT AS POSSIBLE.
 - F. PIPE AND FITTINGS SHALL BE ADEQUATELY RESTRAINED USING RETAINER GLANDS, RODS, OR OTHER SUITABLE METHODS - PER MIU SPECS.
 - G. 18" CLEARANCE SHALL NOT BE REDUCED WHERE WATER MAIN CROSSES UNDER OR OVER SEWER LINE.
 - H. VERTICAL CLEARANCE LESS THAN 12" SHALL NOT BE ALLOWED.
- I. WATER SERVICE CONDUITS AND IRRIGATION SERVICE CONDUITS SHALL BE SEPARATED BY A MINIMUM DISTANCE OF 10' HORIZONTALLY.

CONFLICT NOTE:

1. THERE ARE POTENTIAL STORM DRAIN/WATER MAIN/GAS MAIN CONFLICTS. THE EXACT DEPTH OF WATER MAINS HAS NOT BEEN DETERMINED. THE CONTRACTOR SHALL EXPOSE UTILITIES PRIOR TO CONSTRUCTION TO DETERMINE WHETHER ADEQUATE CLEARANCE CAN BE MAINTAINED, OR IF DEFLECTION OF WATER MAIN WITH FITTINGS WILL BE REQUIRED.
2. ALL TELECOMMUNICATION CABLE LOCATIONS ARE NOT SHOWN BUT MUST BE DETERMINED BY CONTRACTOR IN ADVANCE OF CONSTRUCTION TO FACILITATE ANY REQUIRED RELOCATIONS.



RESTRAINT TABLE									
PIPE SIZE (IN)	RESTRAINT LENGTH (FT)	RESTRAINT LENGTH (FT)	RESTRAINT LENGTH (FT)	RESTRAINT LENGTH (FT)	RESTRAINT LENGTH (FT)	RESTRAINT LENGTH (FT)	RESTRAINT LENGTH (FT)	RESTRAINT LENGTH (FT)	RESTRAINT LENGTH (FT)
12"	10'	10'	10'	10'	10'	10'	10'	10'	10'
14"	10'	10'	10'	10'	10'	10'	10'	10'	10'
16"	10'	10'	10'	10'	10'	10'	10'	10'	10'
18"	10'	10'	10'	10'	10'	10'	10'	10'	10'
20"	10'	10'	10'	10'	10'	10'	10'	10'	10'
24"	10'	10'	10'	10'	10'	10'	10'	10'	10'
30"	10'	10'	10'	10'	10'	10'	10'	10'	10'
36"	10'	10'	10'	10'	10'	10'	10'	10'	10'
42"	10'	10'	10'	10'	10'	10'	10'	10'	10'



New Offices with Storage
CITY OF MARCO ISLAND PUBLIC WORKS
Lily Court
CITY OF MARCO ISLAND, FL

ADG
ARCHITECTURE, PC
ARCHITECTURE • PLANNING • INTERIOR DESIGN

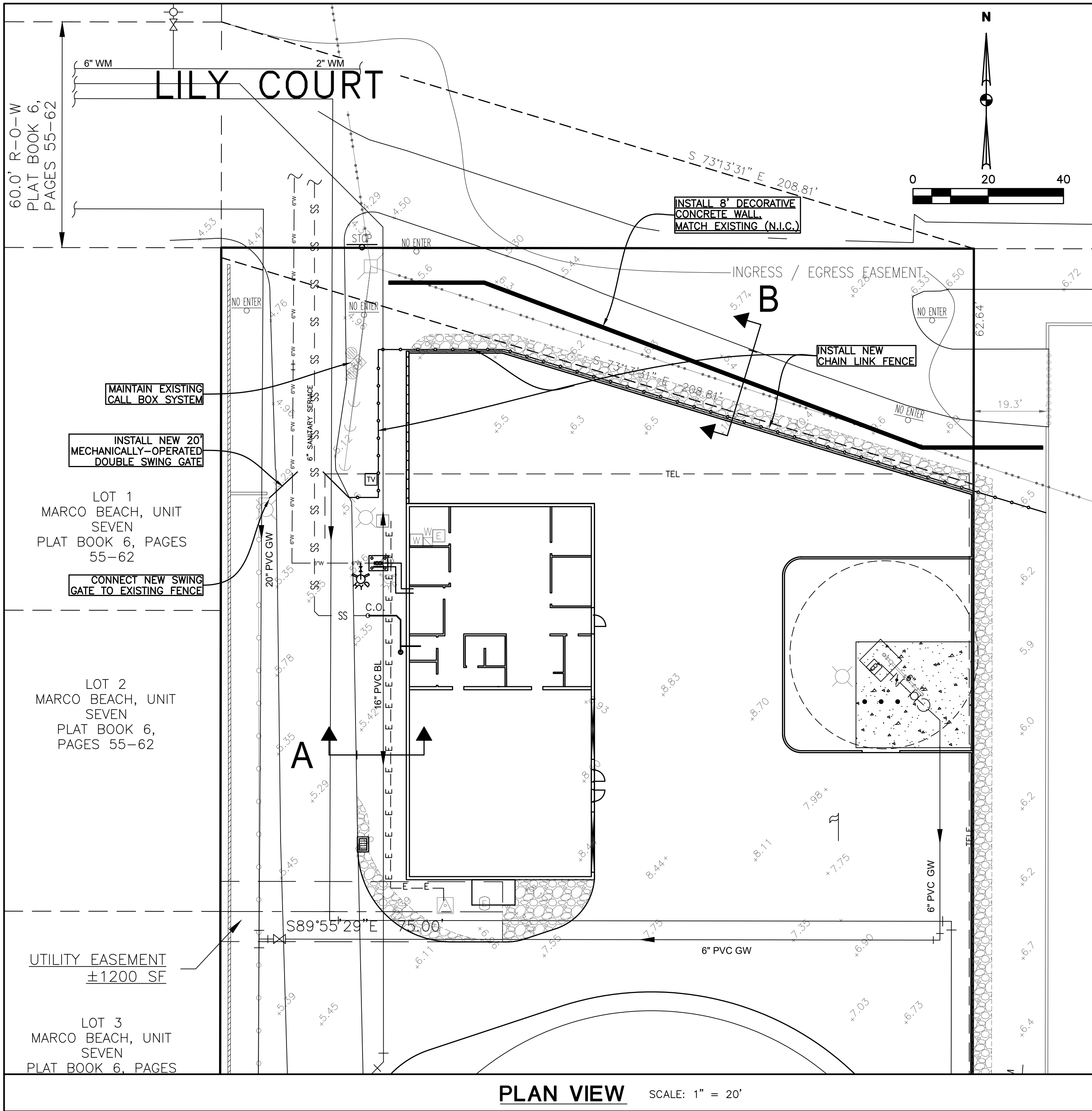
1181 Tamiami Trail #501
Fort Charlotte, Florida 33902
(813) 938-0265 Fax (813) 938-0268

3240 Colonial Blvd. #1100
Fort Myers, Florida 33909
(239) 277-6551 Fax (239) 277-0341

AA-20002422

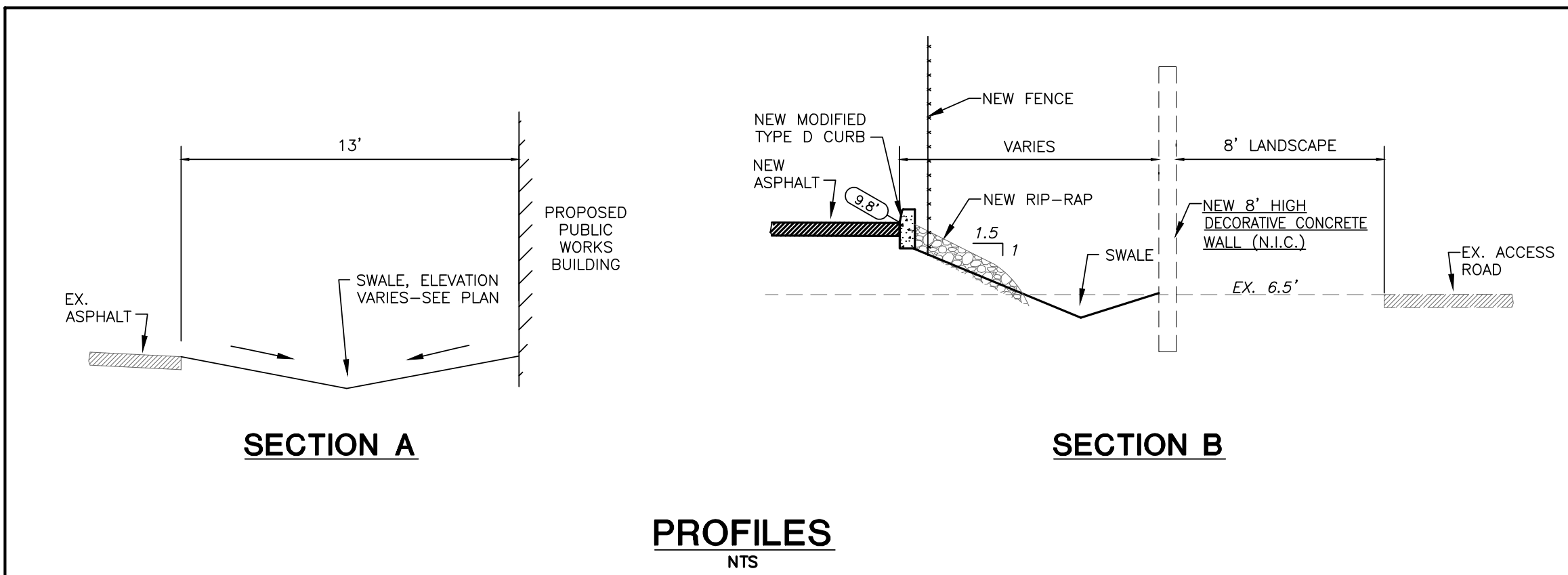
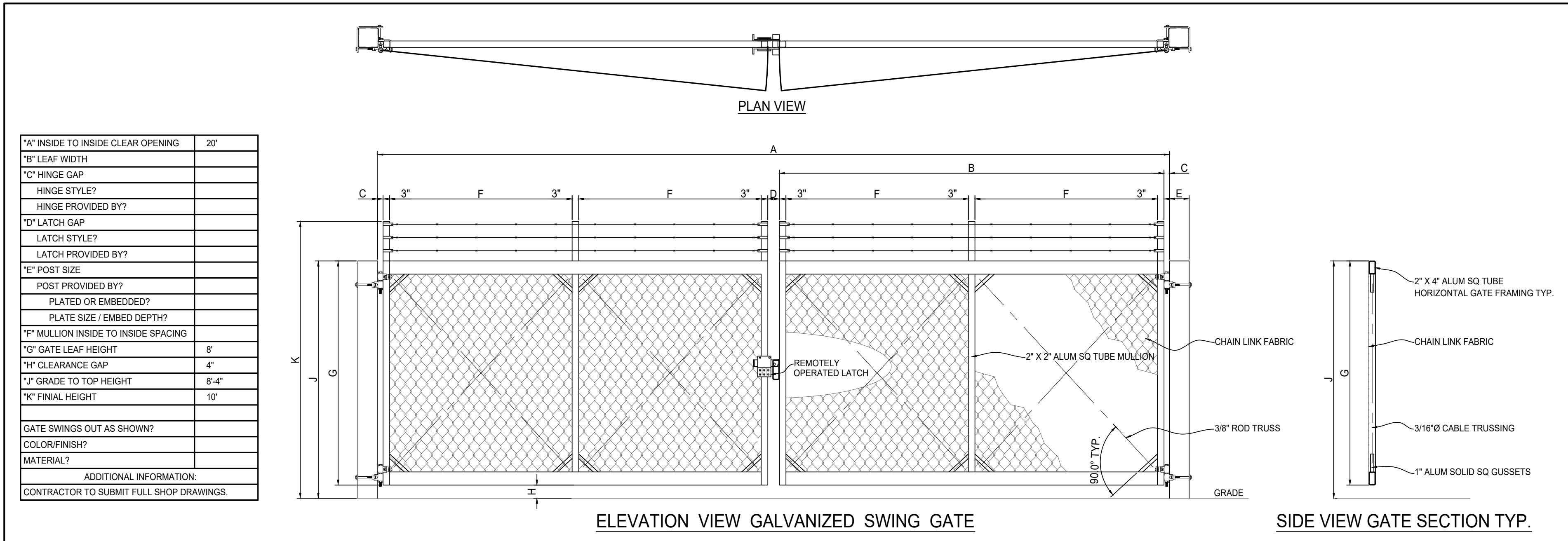
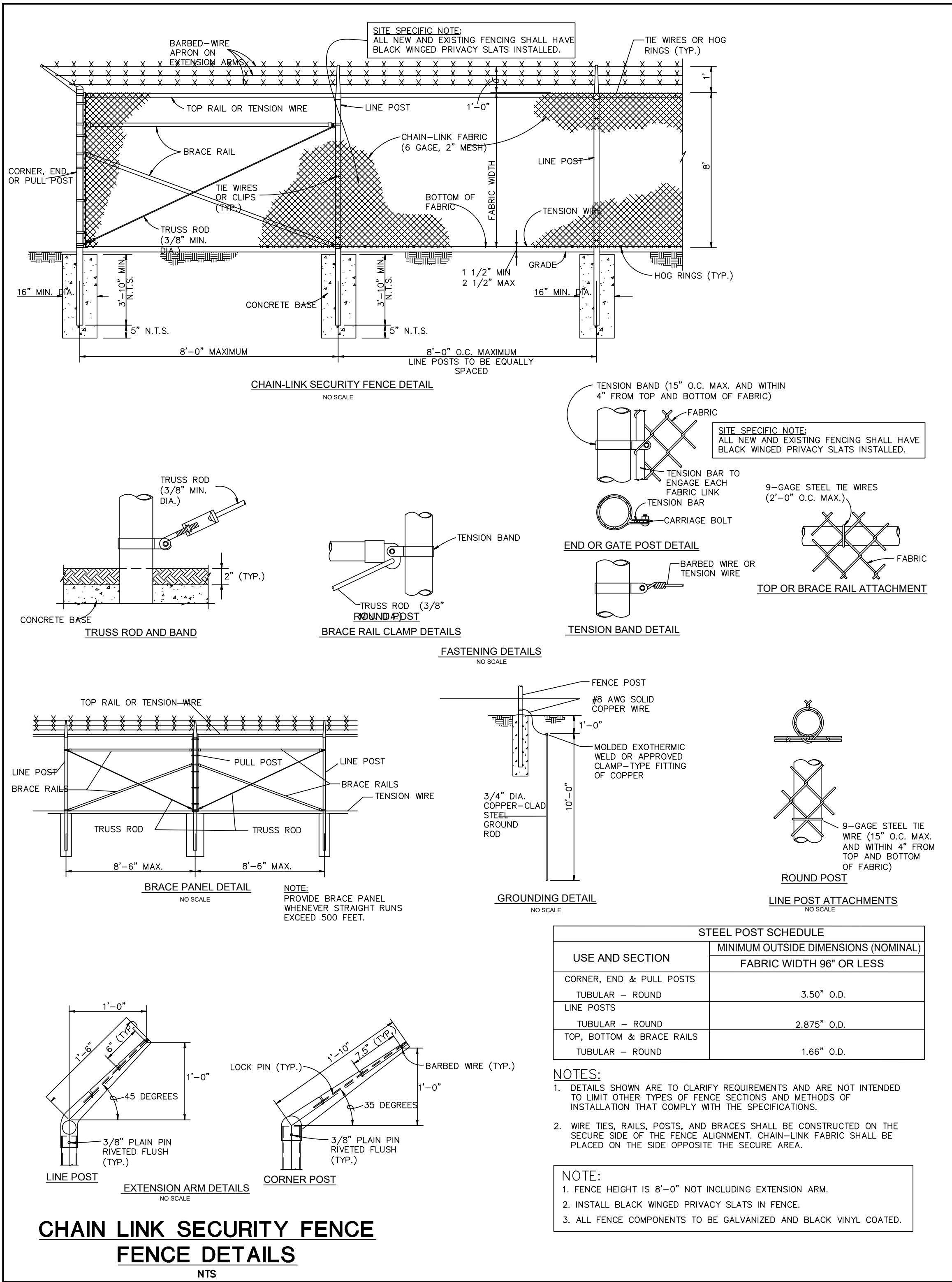
www.adgarchitecture.com

ISSUED FOR SDP
Issued 6/6/2025



SPECIAL CONSTRUCTION NOTES

1. ALL GENERAL CONSTRUCTION NOTES ON SHEET C-1 ARE APPLICABLE UNLESS SPECIFICALLY NOTED OTHERWISE.
2. THIS PLANT WILL BE IN CONTINUOUS OPERATION DURING THE CONSTRUCTION PERIOD. THE CONTRACTOR SHALL COORDINATE ALL CONSTRUCTION STAGING AND ACTIVITIES WITH THE MARCO ISLAND WATER AND SEWER PROJECT MANAGER TO MINIMIZE BOTH IMPACTS TO PLANT OPERATIONS AND DELAYS TO THE WORK.
3. THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THERE ARE MANY UNDERGROUND PIPES, CONDUITS, AND CABLES THROUGHOUT THE PROJECT WHICH ARE ESSENTIAL TO PLANT OPERATION. MOST CANNOT BE RELOCATED. REASONABLE CARE HAS BEEN GIVEN TO SHOWING UNDERGROUND FACILITIES BASED ON AVAILABLE INFORMATION. HOWEVER, IT IS EXPECTED THAT CONFLICTS BETWEEN EXISTING AND PROPOSED INFRASTRUCTURE WILL OCCUR. THE CONTRACTOR SHALL USE A COMBINATION OF AVAILABLE RECORD DRAWINGS, TECHNICAL MEANS, AND EXPLORATORY DIGGING PRIOR TO BEGINNING CONSTRUCTION OF EACH PORTION OF THE STORMWATER SYSTEM. DISCREPANCIES AND CONFLICTS MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER IN ADVANCE OF CONSTRUCTION SO THAT ADJUSTMENTS TO DESIGN MAY BE ACCOMPLISHED.
4. EXTREME CAUTION MUST BE USED FOR ALL EXCAVATION. TOOTHED BUCKETS ARE PROHIBITED FOR ALL BACKHOES, TRENCHERS, AND EXCAVATORS UNLESS APPROVED BY WATER AND SEWER PROJECT MANAGER. USE HAND DIGGING AS NECESSARY TO PROTECT PIPES, CONDUITS, CABLES.
5. CPP REFERS TO SMOOTH-INTERIOR CORRUGATED POLYETHYLENE PIPE WITH WATER-TIGHT JOINTS, UNLESS OTHERWISE NOTED. IN SOME CASES FLEXIBLE CORRUGATED POLYETHYLENE PIPE MAY BE USED TO GET AROUND OBSTRUCTIONS WHEN APPROVED BY ENGINEER. USE ONLY MANUFACTURER'S SPECIFIED FITTINGS AND INSTALLATION METHODS.
6. IN MANY CASES VALVE BOXES OR OTHER UNDERGROUND VAULTS ARE IN AREAS WHERE WALKS OR PAVEMENTS ARE TO BE CONSTRUCTED. SMALLER BOXES OR MANHOLE COVERS ARE TO BE ADJUSTED TO THE NEW GRADE. WHERE IT IS NOT PRACTICAL TO ADJUST BOX OR VAULT GRADE, NEW SURFACE SHALL MATCH GRADE OF VAULT UNLESS OTHERWISE DIRECTED. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION.
7. EXISTING GRADES SHOWN ARE FROM TOPOGRAPHIC SURVEYS OF RECORD. PRIOR CONSTRUCTION MAY HAVE ALTERED EXISTING GRADES. IN SOME AREAS, CONTRACTOR SHALL VERIFY EXISTING GRADES WHERE SUCH GRADES ARE CRITICAL TO DETERMINING REQUIRED FILL OR EXCAVATION QUANTITIES.
8. EXISTING PIPE INVERT ELEVATIONS SHOWN ARE FROM TOPOGRAPHIC SURVEYS OR RECORD. CONTRACTOR SHALL VERIFY INVERT ELEVATIONS SUFFICIENTLY AHEAD OF CONSTRUCTION TO ALLOW REDESIGN IF NECESSARY.
9. PROPOSED GRADES SHOWN ARE INTENDED TO PROVIDE THE MINIMUM AND MAXIMUM SLOPES SHOWN ON THE ACCOMPANYING TABLE. ANY DISCREPANCY SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
10. UNLESS OTHERWISE INDICATED, SURFACE SLOPES ARE STRAIGHT LINE GRADES BETWEEN INDICATED ELEVATION POINTS.
11. GRADES SHOWN ADJACENT TO CURBS REPRESENT TOP OF FINISHED PAVEMENT. TOP OF ADJACENT CURBS OR SIDEWALKS ARE GENERALLY 6" HIGHER.
12. WARP PAVEMENT GRADES AS NECESSARY LOCALLY TO PROVIDE POSITIVE DRAINAGE AND AVOID PONDING.
13. SOME PAVEMENT AREAS ARE DESIGNED WITH VERY LOW SLOPES (0.5%) BECAUSE OF LIMITING EXISTING CONDITIONS. USE BEST AVAILABLE MEANS TO ENSURE POSITIVE DRAINAGE ON FINISHED SURFACES.
14. DO LOCAL REGRADING TO PROVIDE SMOOTH TRANSITIONS BETWEEN NEW AND EXISTING WALKS AND PAVEMENTS.
15. ALL NON-PAVED SURFACES DISTURBED DURING CONSTRUCTION, OR NOT PREVIOUSLY SO FINISHED, ARE TO BE FINISHED WITH A LAYER OF GRAVEL PER STANDARD DETAIL, MINIMUM 3" THICK.
16. FINISHED GRADES SHOWN ARE TOP OF PAVEMENT, WALK, OR FINISHED GRAVEL SURFACE, UNLESS OTHERWISE DIRECTED.



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C-5

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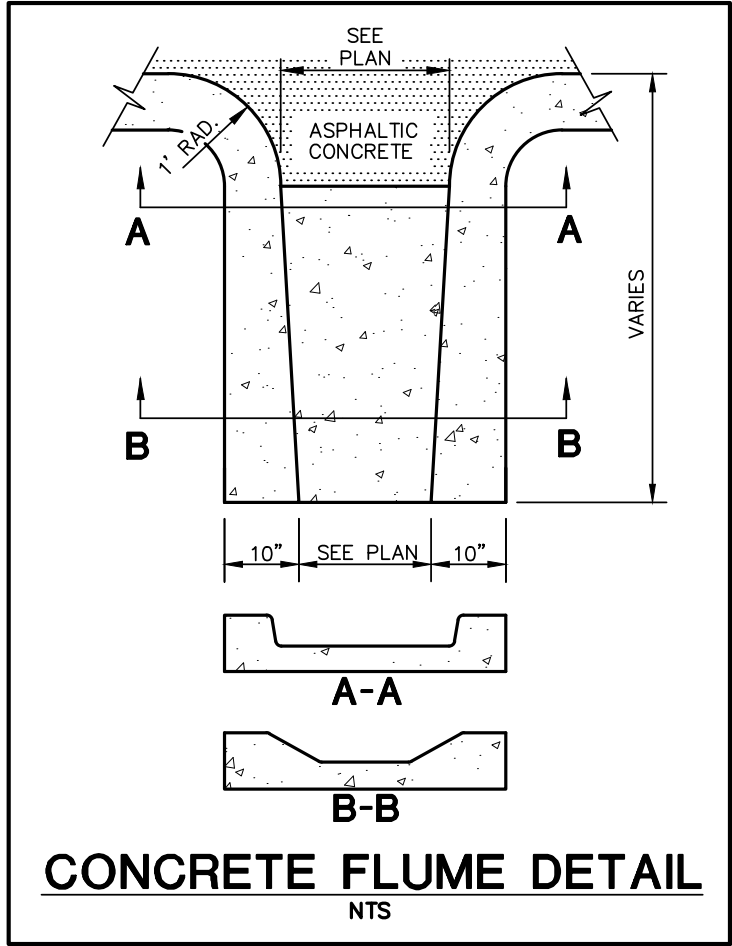
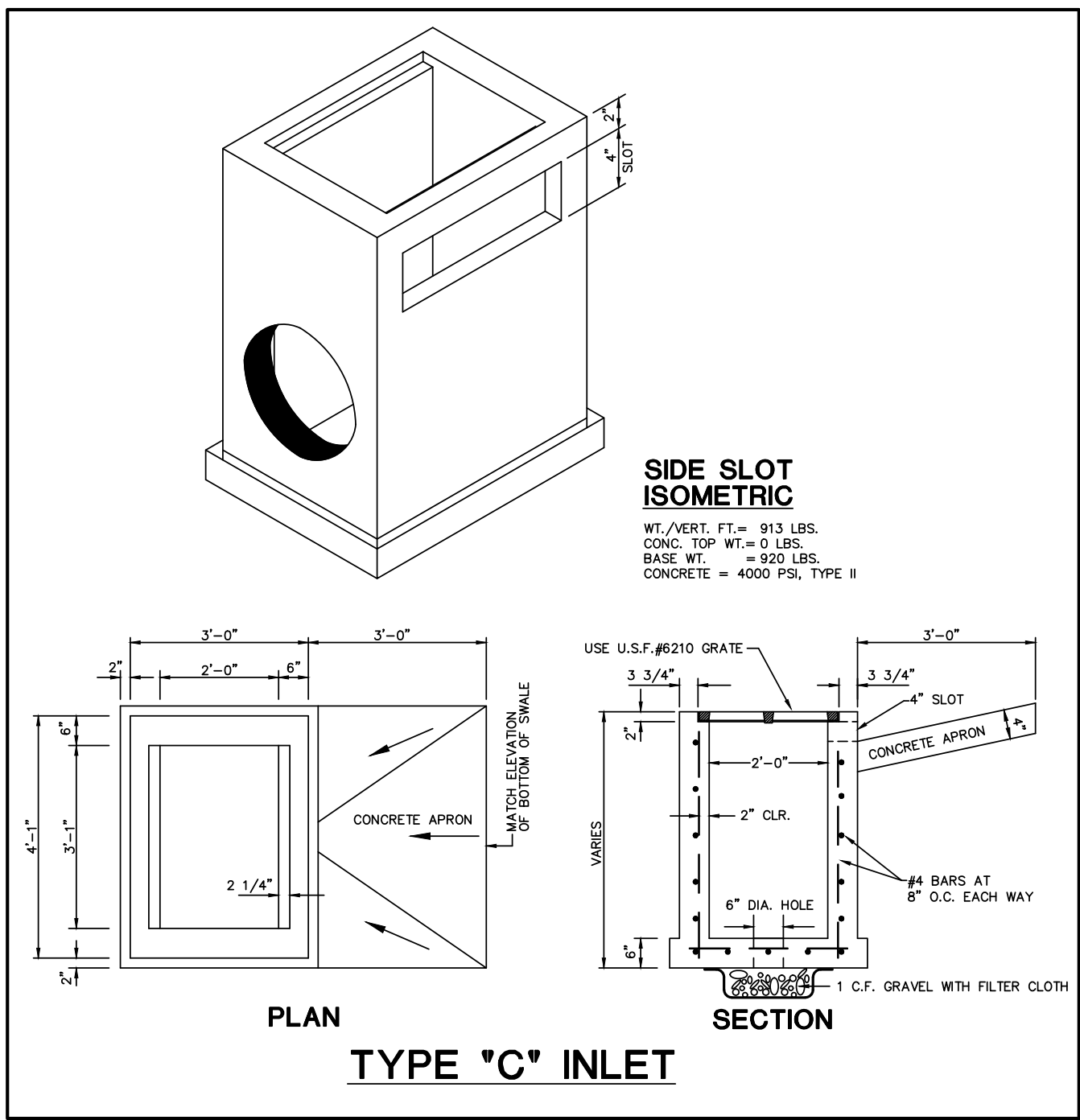
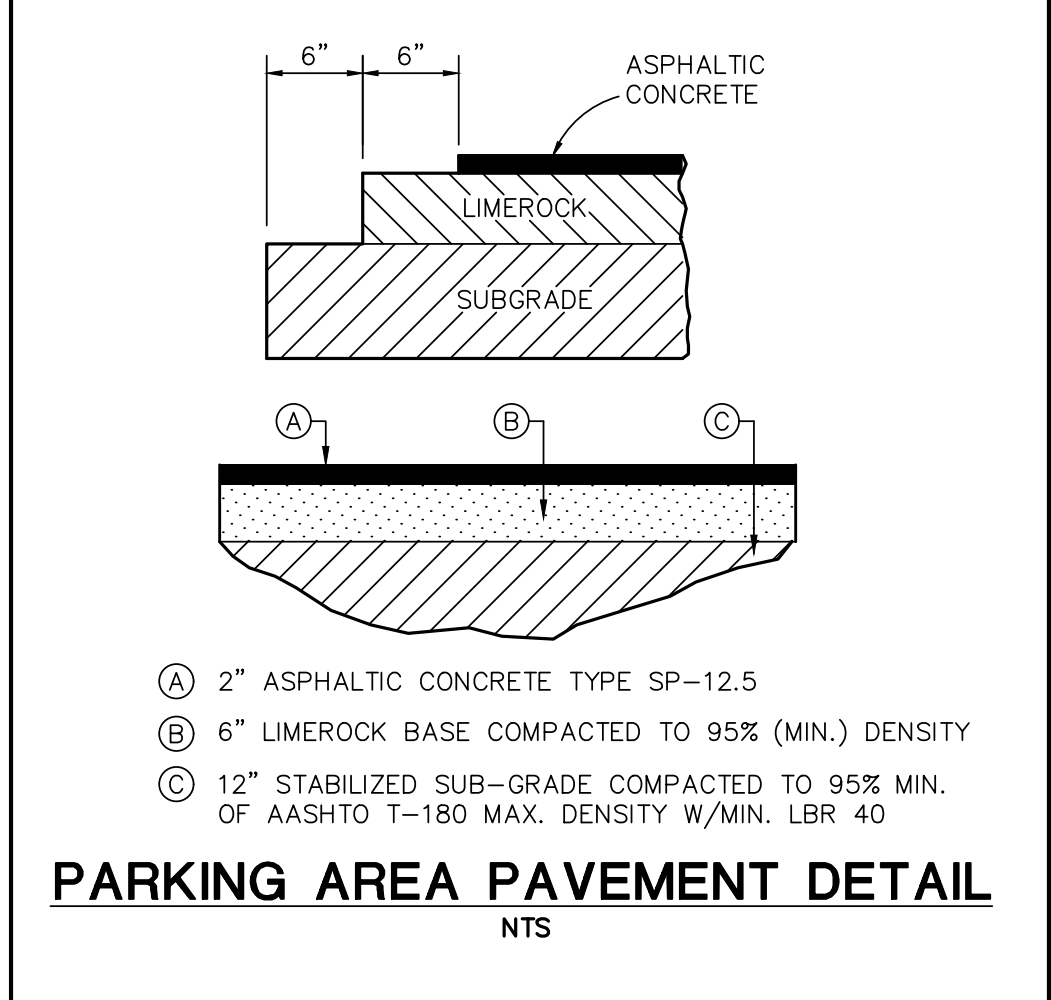
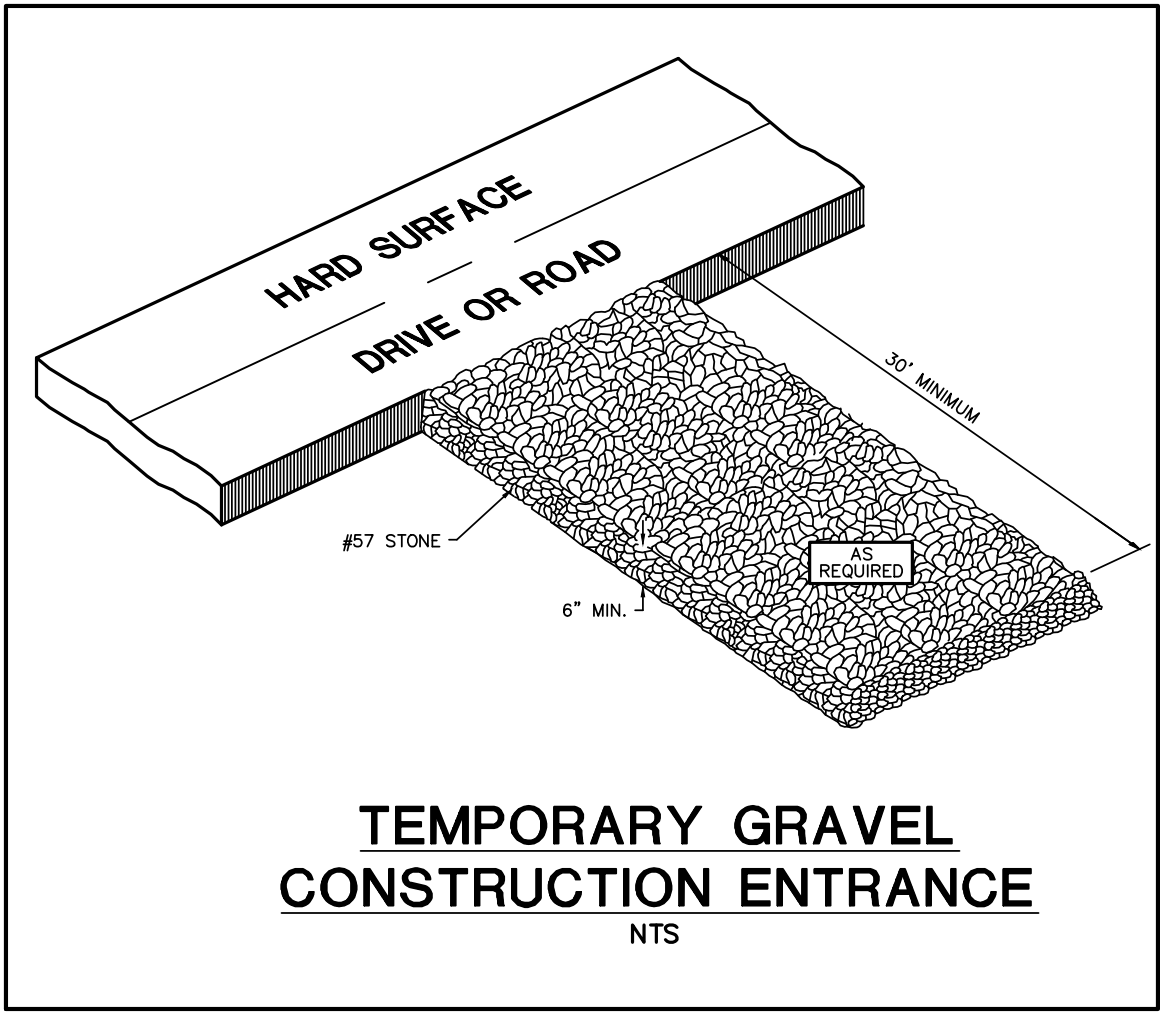
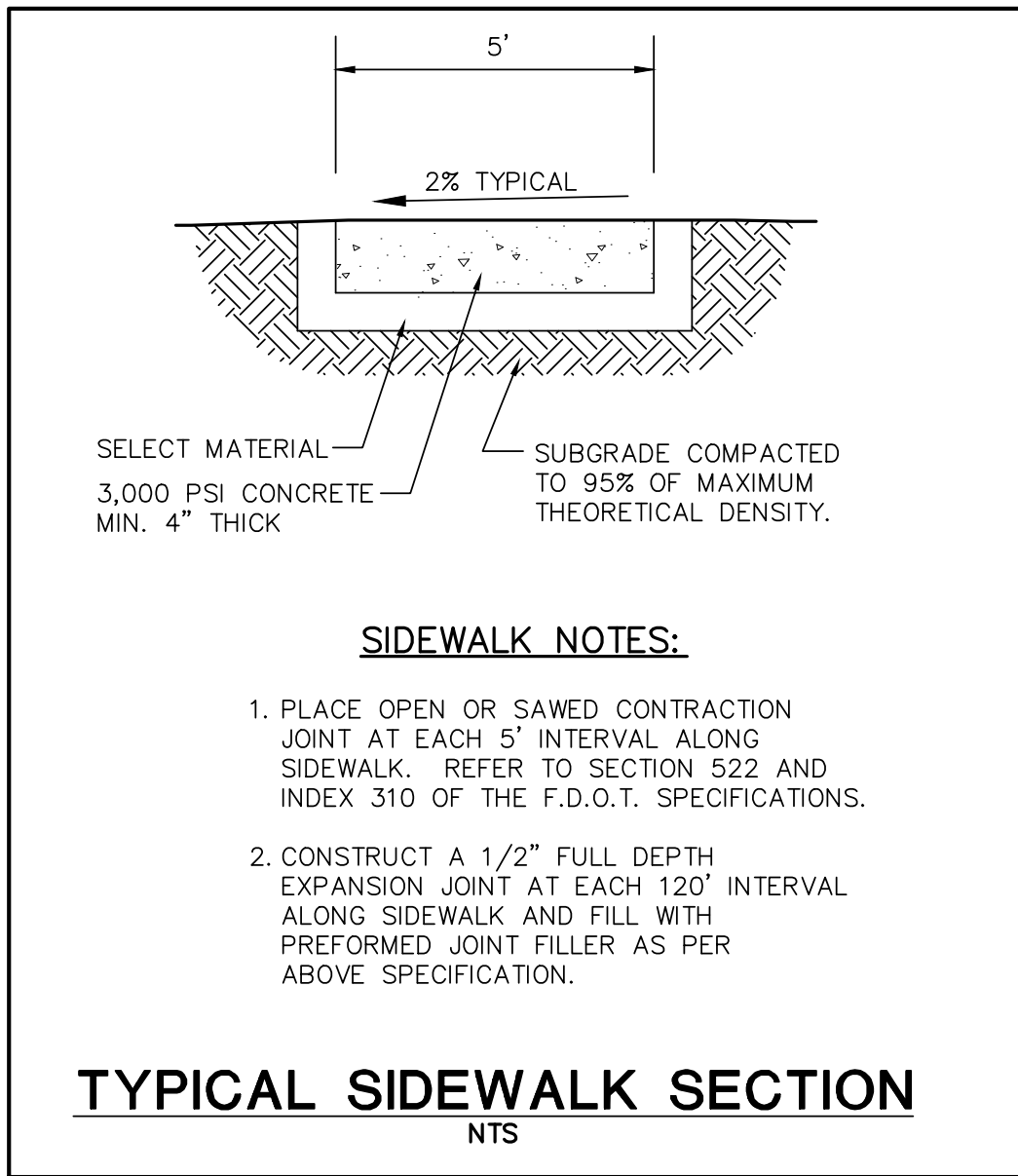
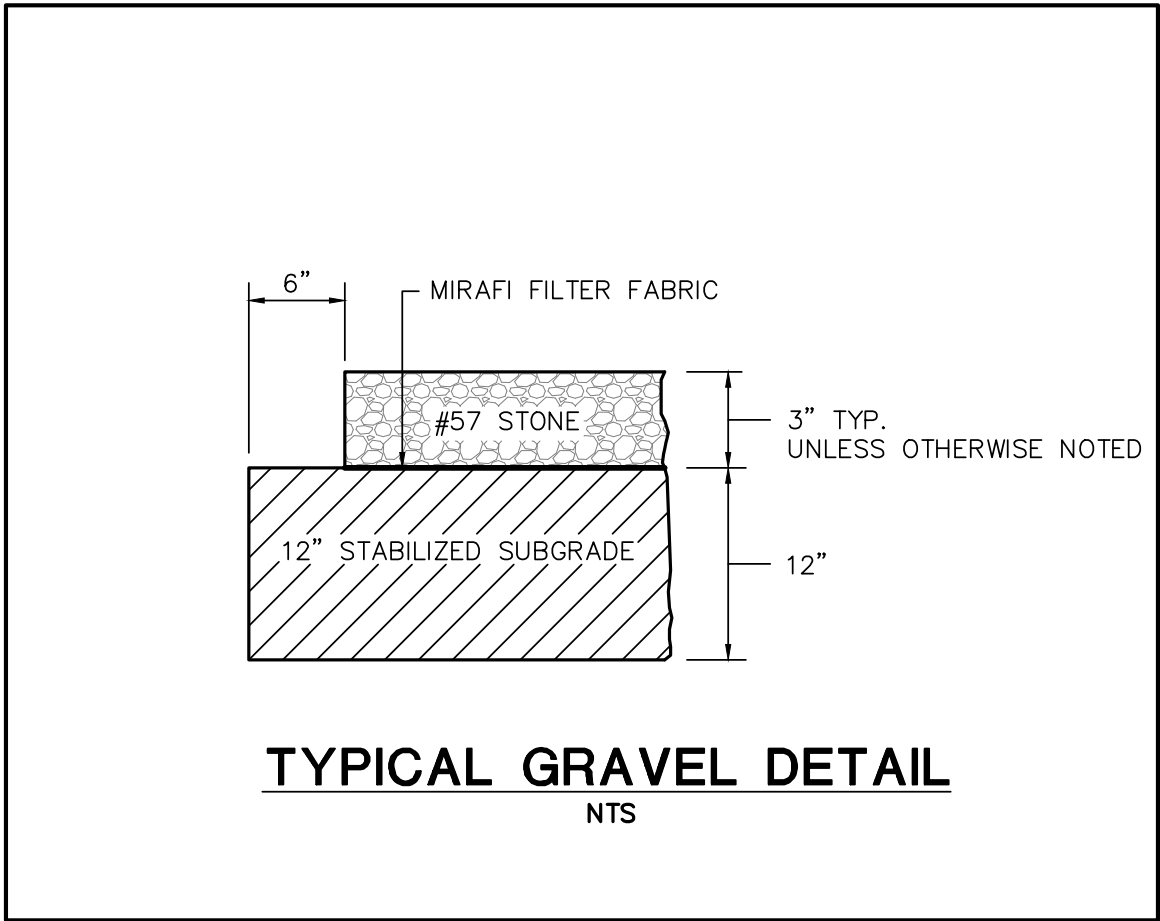
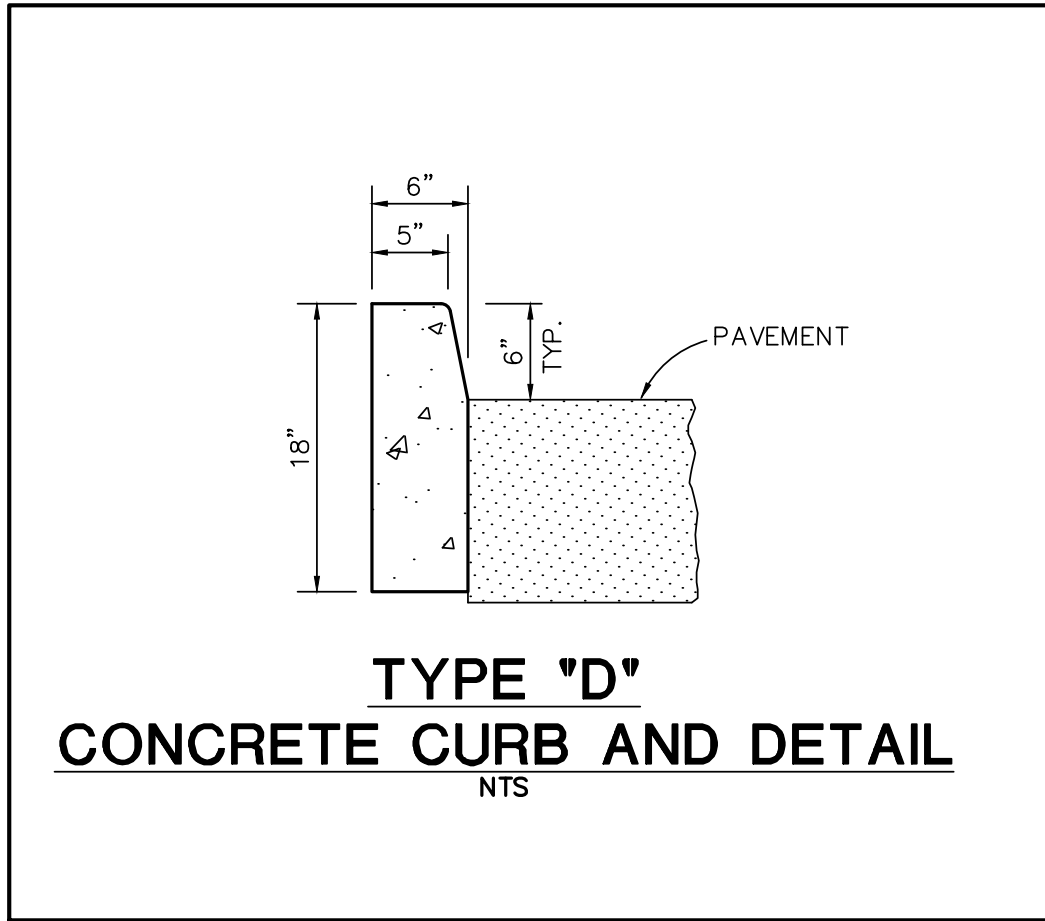
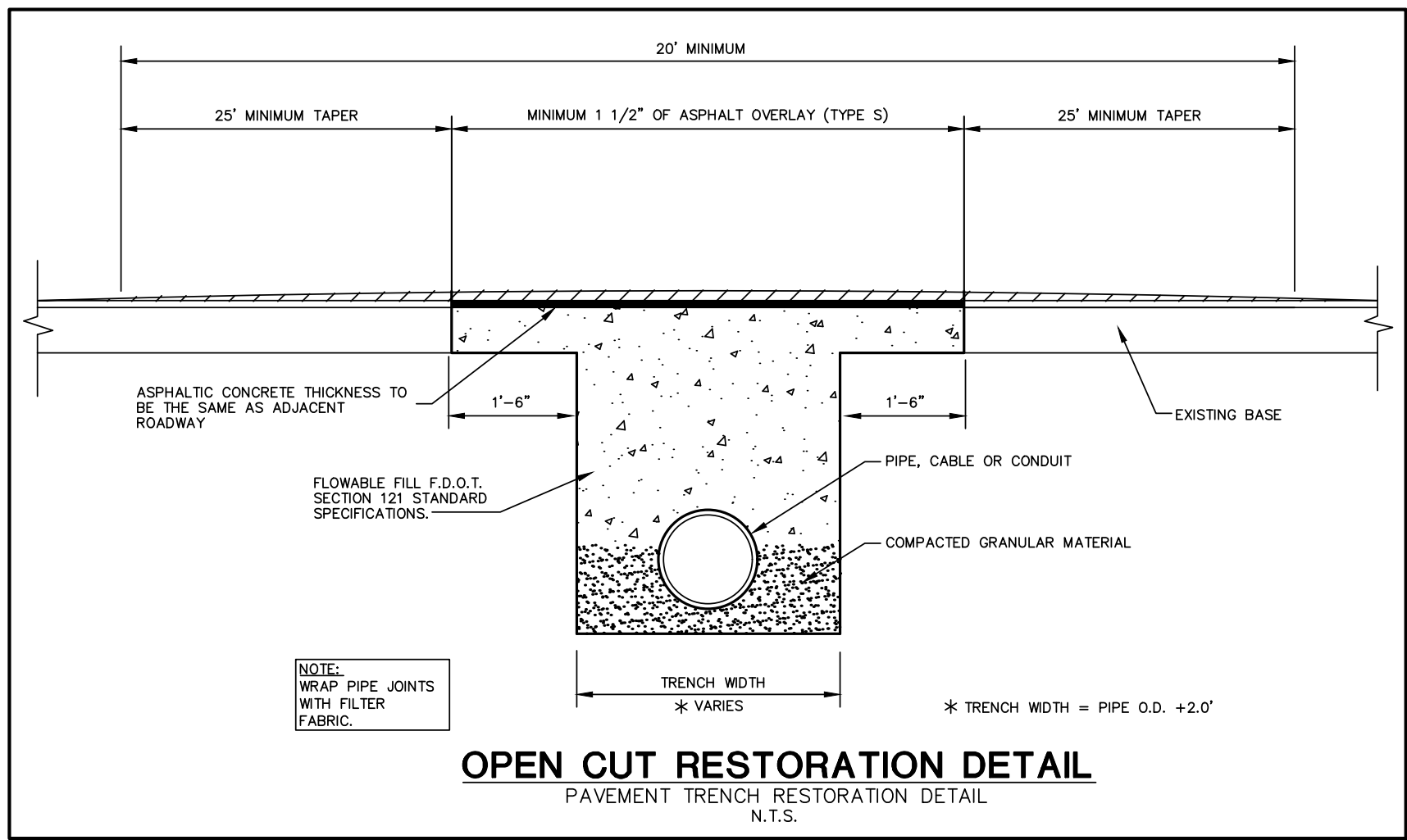
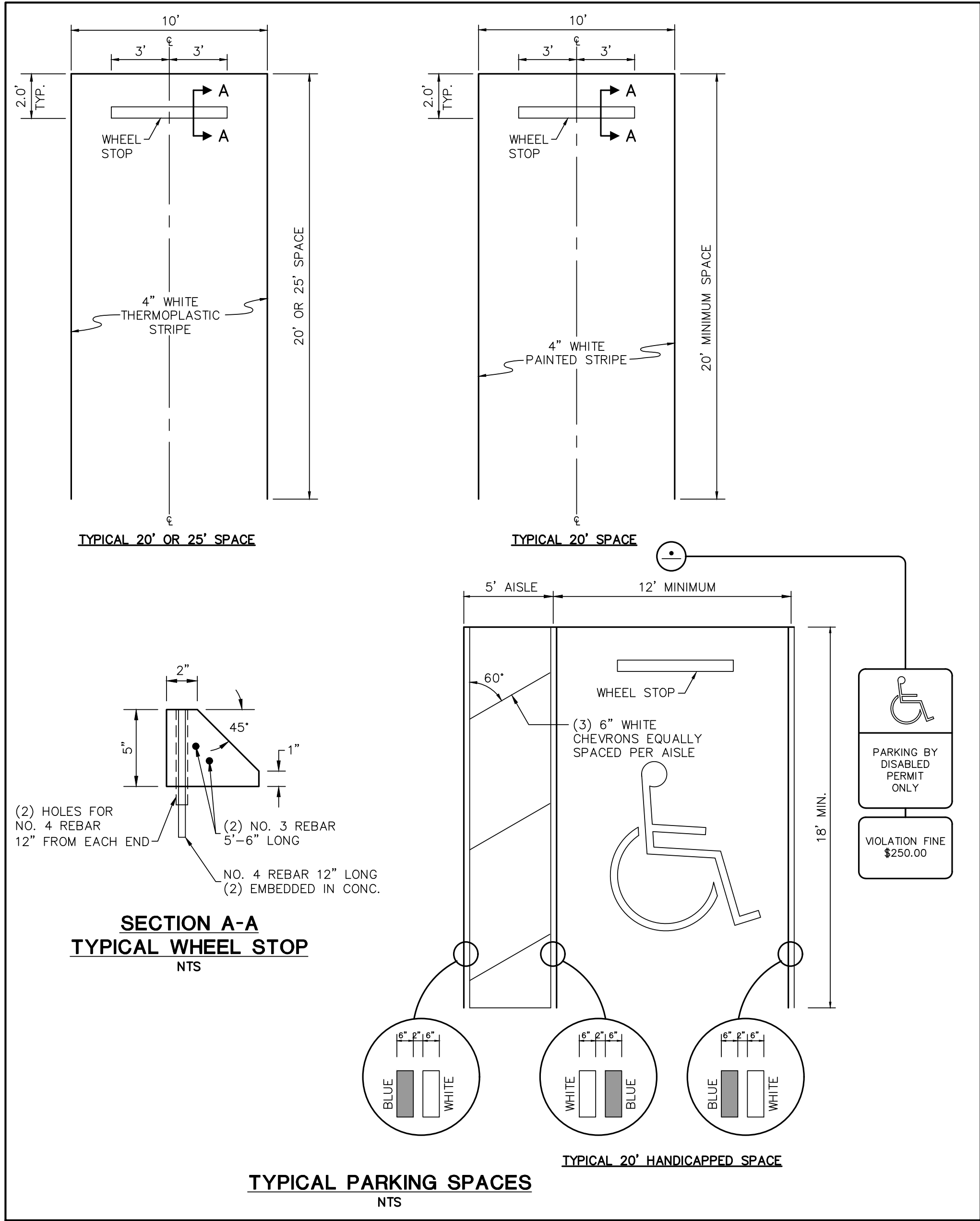
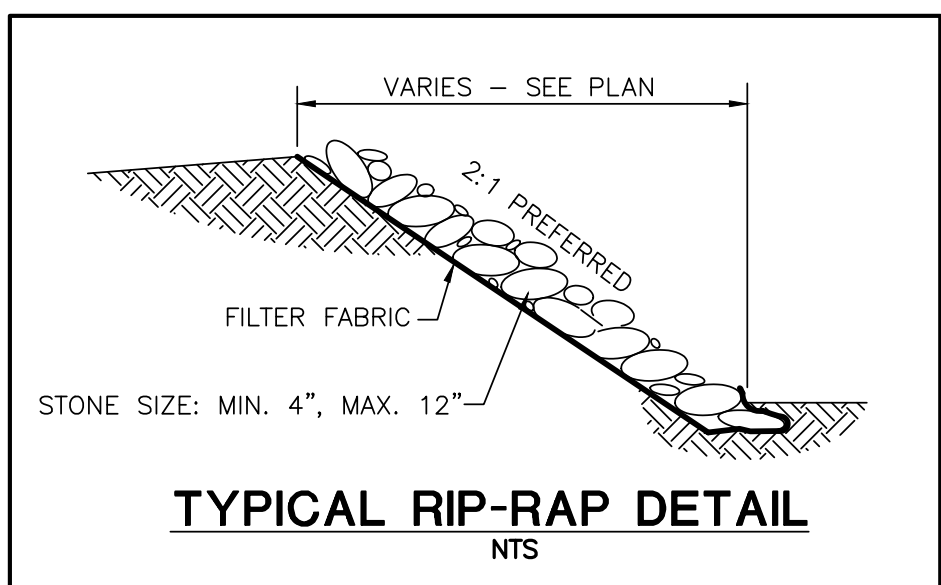
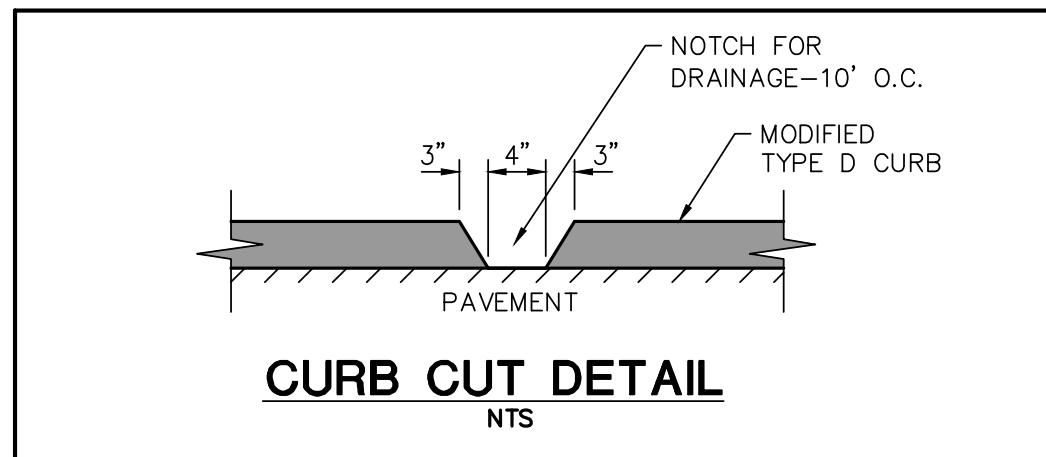
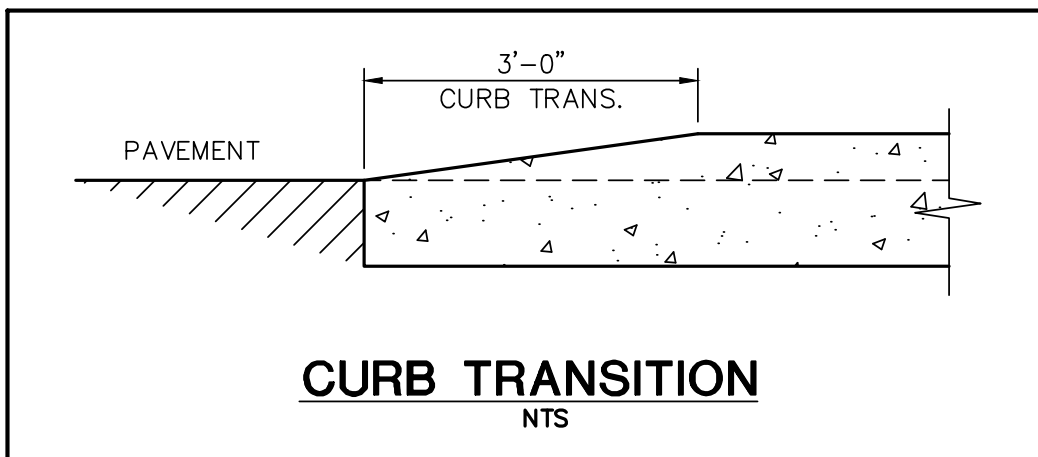
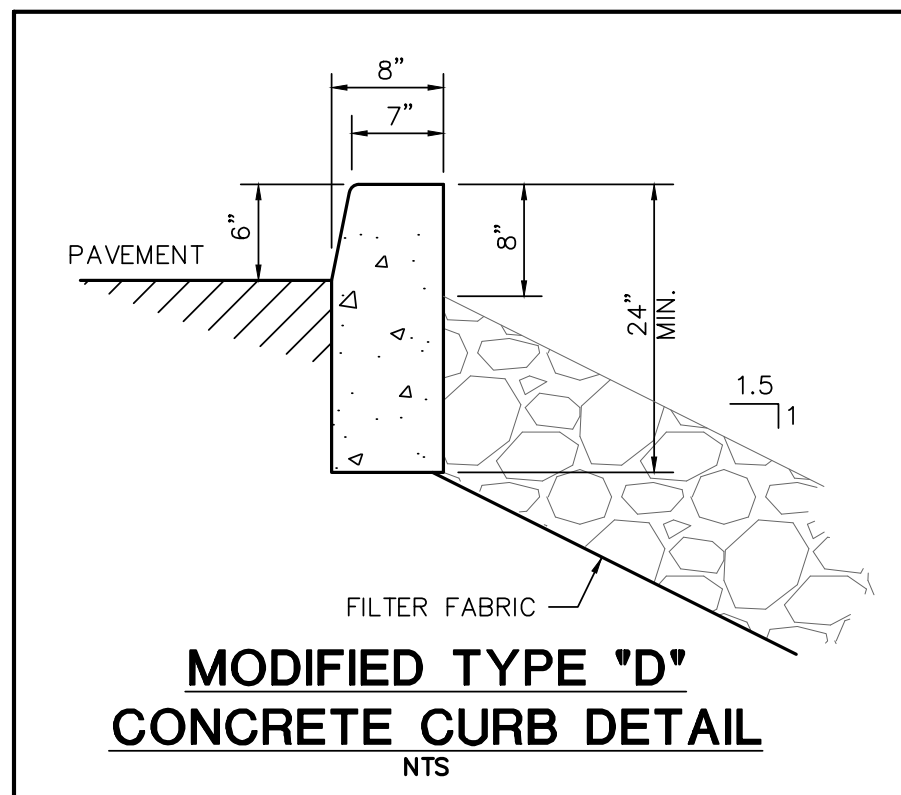
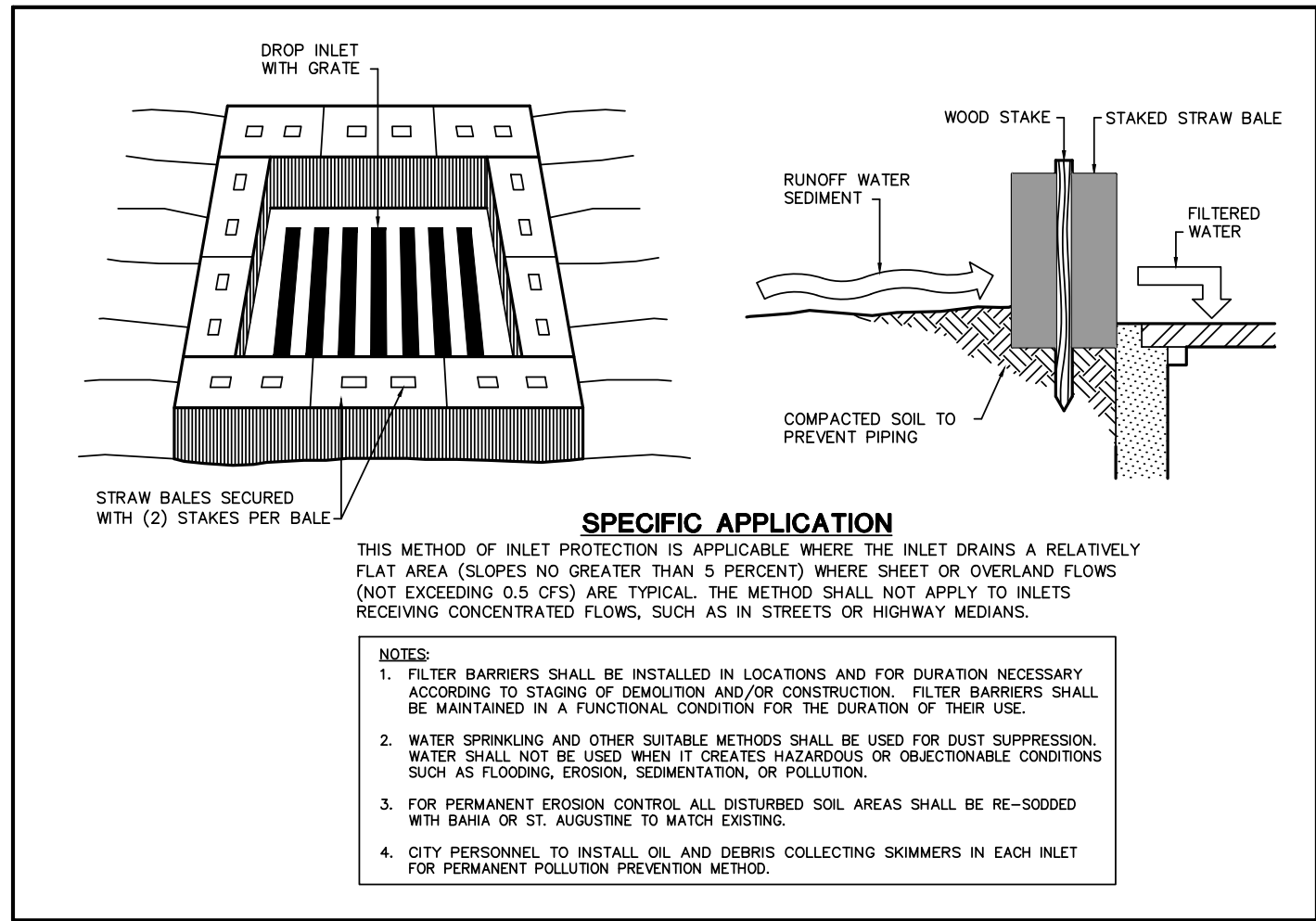
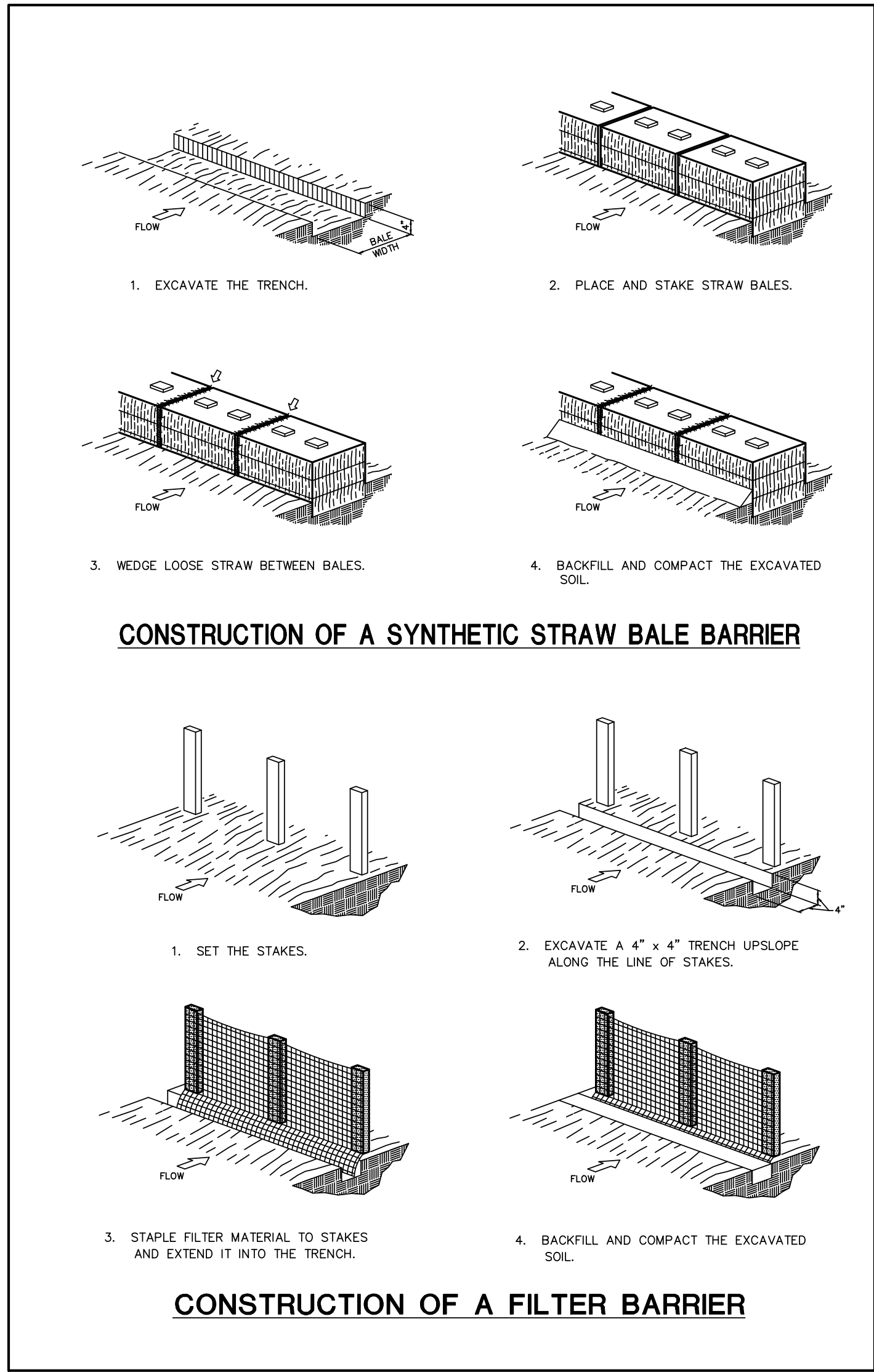


TABLE OF MINIMUM AND MAXIMUM SLOPES			
FEATURE	DIRECTION	MINIMUM	MAXIMUM
PARKING LOT PAVEMENT	LONGITUDINAL	0.5%	5%
	TRANSVERSE	0.5%	5%
ENTRANCE DRIVEWAY	LONGITUDINAL	1%	10%
	TRANSVERSE	0%	2%
WALKS	LONGITUDINAL	0%	5%
	TRANSVERSE	0%	2%
HANDICAP RAMPS	LONGITUDINAL	5%	8%
	TRANSVERSE	0%	1%
SODDED SLOPE		0%	3.3%
RIP-RAP SLOPE		0%	67%

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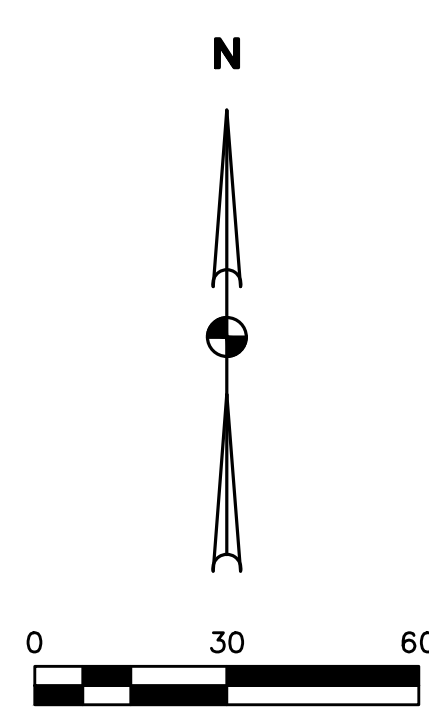
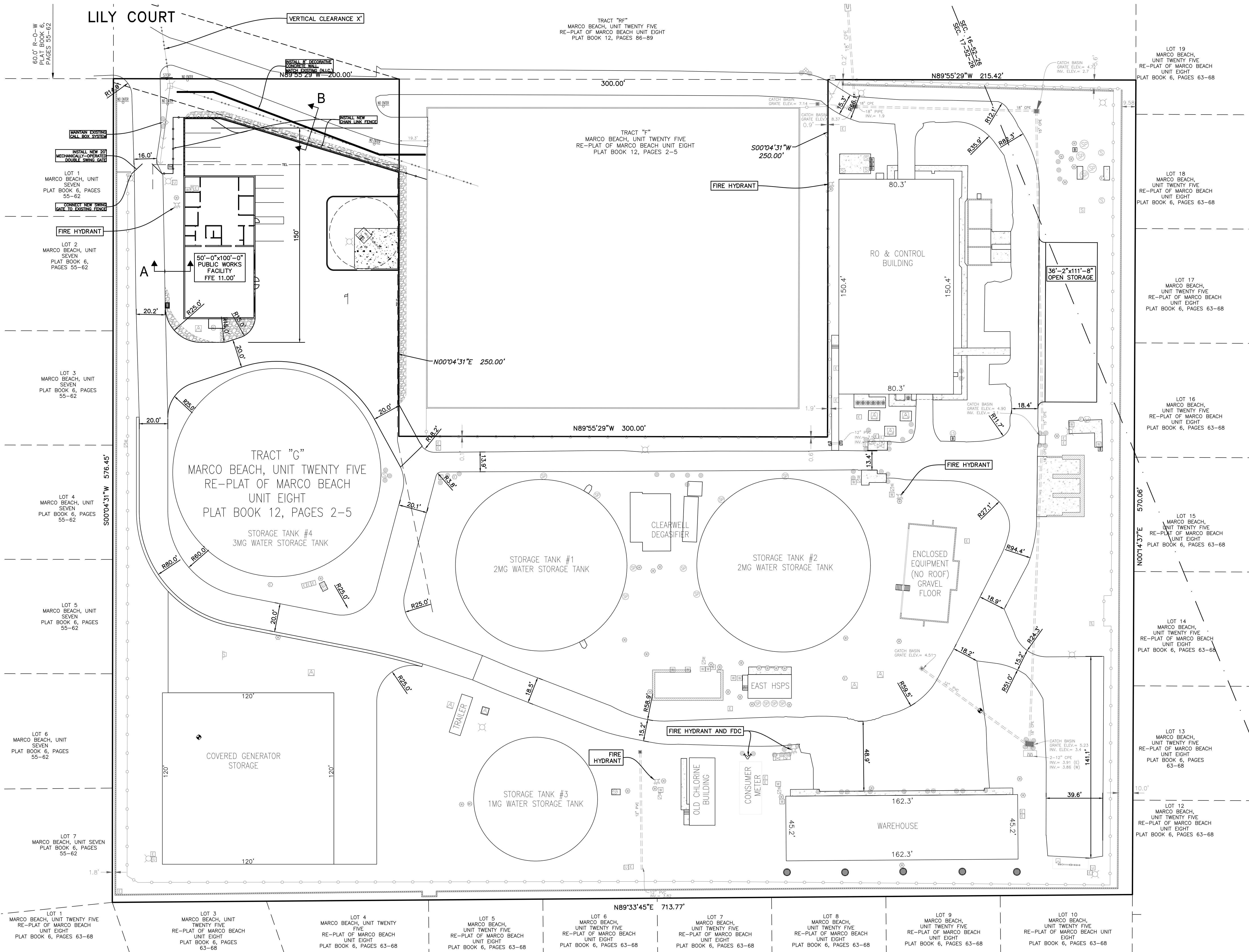
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C-6

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C-7

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FIRE ACCESS PLAN

SCALE: 1" = 30'