

ENVIRONMENTAL RESOURCE PERMIT PLANS

SWIFT SELF-STORAGE

A COMMERCIAL DEVELOPMENT

157 UPPER MANATEE RIVER ROAD, BRADENTON, FLORIDA 34212
 MANATEE COUNTY
 SEC. 20 - TSP. 34S - RNG. 19E

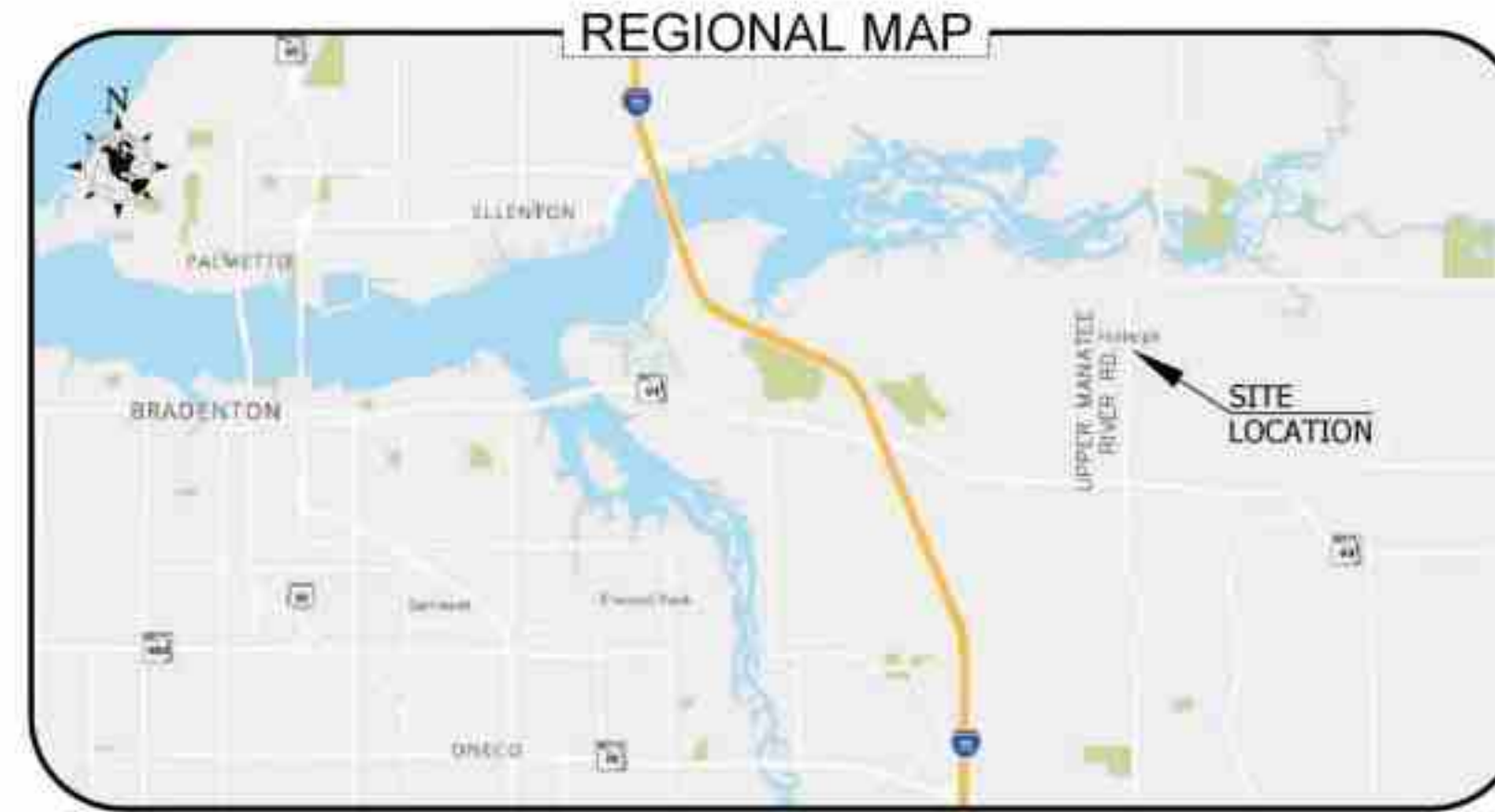
P.I.D.: 548500008

OWNER:

157 UPPER MANATEE RIVER ROAD, LLC

157 UPPER MANATEE RIVER ROAD
 BRADENTON, FLORIDA 34212

LEGAL DESCRIPTION (FROM CLIENT):
 BEGIN AT A POINT FOUND BY MEASURING FROM THE NW CORNER OF SECTION 20, TOWNSHIP 34 SOUTH, RANGE 19 EAST, MANATEE COUNTY, FLORIDA; SOUTH ALONG THE WEST LINE OF SAID SECTION 20, A DISTANCE OF 3448.45 FEET TO THE POINT OF BEGINNING; THENCE EAST 661.94 FEET; THENCE SOUTH 330 FEET; THENCE WEST 661.94 FEET; THENCE NORTH ALONG THE WEST LINE OF SAID SECTION 20, A DISTANCE OF 330 FEET TO THE POINT OF BEGINNING; LESS AND EXCEPT THAT PORTION THEREOF CONVEYED TO MANATEE COUNTY BY INSTRUMENT RECORDED IN O.R. BOOK 105, PAGE 466, PUBLIC RECORDS OF MANATEE COUNTY, FLORIDA.



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UTILITY SOURCES & OWNERSHIP	SOURCE	OWNERSHIP
	COUNTY, WELL, ETC.	COUNTY, PRIVATE, CITY, ETC.
POTABLE WATER MAIN	COUNTY	PRIVATE
WASTE WATER	COUNTY	PRIVATE
RECLAIMED/IRRIGATION WATER	WELL	PRIVATE

SWIFT SELF STORAGE / PDC-21-19(Z)(G) / PLN2109-0034						
PARCEL ID	APPROVED USES / TOTALS	SUBMITTED FSP UNITS	APPROVED FSP UNITS	PLAT UNITS	CO'S CUMULATIVE THROUGH 01.04.24	REMAINING UNITS
548500008	1					1
	1	0	0	0	0	1
548500008	103,039	99,933	0	0	0	103,039
	103,039	99,933	0	0	0	3,106

OWNERSHIP: 157 UPPER MANATEE RIVER RD LLC

- NOTES:**
- THERE ARE NO WETLANDS ON THIS SITE.
 - CONSTRUCTION SCHEDULE: APRIL 2024 - MAY 2025
 - ALL BUILDING PERMITS MUST BE ISSUED PRIOR TO THE EXPIRATION OF THE CLOS OR FSP, WHICHEVER COMES FIRST.
 - THE ENGINEER, WITH INFORMATION PROVIDED BY THE CONTRACTOR, SHALL PROVIDE RECORD DRAWINGS THAT MEET THE REQUIREMENTS OF THE MANATEE COUNTY UNIFORM WATER, WASTEWATER AND RECLAIMED WATER CODE, LATEST EDITION.
 - REQUIRED OPEN SPACE = 20%
PROVIDED OPEN SPACE = 39%

PROJECT CONTACTS

ENGINEER:
 BRETT T. ROCKLEIN P.E.
 MORRIS ENGINEERING & CONSULTING, LLC
 6901 PROFESSIONAL PARKWAY EAST, SUITE 103
 LAKEWOOD RANCH, FLORIDA 34240
 941-444-6644
 www.morrisengineering.net

OWNER:
 157 UPPER MANATEE RIVER RD, LLC
 157 UPPER MANATEE RIVER ROAD
 BRADENTON, FLORIDA 34212
 727-330-4878

SURVEYOR:
 HAROLD E. NOON JR. PSM
 GEOSURV
 5707 19TH ST W
 BRADENTON, FLORIDA 34207
 877-407-3734

UTILITY PROVIDERS

UTILITIES, POTABLE WATER
 MANATEE COUNTY
 (941) 748-4501

UTILITIES, SANITARY SEWER
 MANATEE COUNTY
 (941) 748-4501

UTILITIES, RE-USE WATER
 MANATEE COUNTY
 (941) 748-4501

UTILITIES, ELECTRIC
 FLORIDA POWER & LIGHT
 (941) 953-9158

UTILITIES, GAS
 Teco Peoples Gas
 (877) 932-6747

UTILITIES, PHONE
 VERIZON
 (941) 365-0054

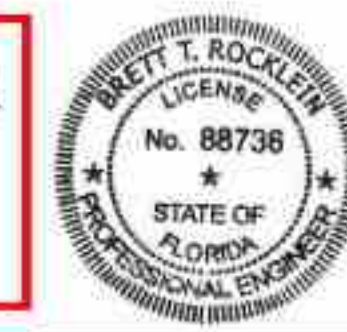
UTILITIES, CABLE TV
 SPECTRUM
 (855) 222-0102

This item has been digitally signed and sealed by Brett T. Rocklein, P.E., on the date adjacent to the seal. The signature must be verified on any electronic copies.

PREPARED BY



MORRIS ENGINEERING AND CONSULTING, LLC
 Civil Engineering and Land Development Consulting
 6901 Professional Parkway East, Suite 103, Lakewood Ranch, Florida 34240 C.A.28780 941-444-6644 www.morrisengineering.net



Brett T. Rocklein
 Digitally signed by Brett T. Rocklein
 Date: 2025.10.17 08:26:50 -0400
 BRETT T. ROCKLEIN
 FL LICENSE NO. 88736

REVISIONS				
NO.	DATE	DESCRIPTION	BY	
1	12-15-23	REV. FUT. ROW DED., SHIFT SITE 5' EAST, COUNTY COMMENTS	DBH	
2	04-10-25	SITE & UTILITY REV. PER FINAL COUNTY AGREEMENT	DBH	
3	05-06-25	REV. PARCELS 118, 818, 117th ROW & UTILITY CONNECTIONS	DBH	
4	05-19-25	REV. PER 117th ROW REVISIONS	DBH	
5	06-18-25	MOVE UTIL. EASE. & CONNECTIONS, ADD "FUTURE" DESIG.	DBH	
6	08-26-25	ENLARGE DUMPSTER ENCLOSURE, ADD DETAIL US-19	DBH	

PERMITTED DRAWINGS SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT (SWFWMD)
 For construction permits, the Permittee shall notify the District in writing when construction begins.



DATUM NOTE
 EXISTING CONDITIONS SHOWN HEREON ARE FROM A BOUNDARY & TOPOGRAPHIC SURVEY BY GEOSURV SURVEYING & MAPPING (DATED OCTOBER 18, 2021 AND UPDATED DECEMBER 22, 2022, PROJECT 210042). ELEVATIONS SHOWN HEREON ARE REFERENCED TO NAVD 1988 (NAVD 1988 = 1.152' NAVD 1989 CONVERTED WITH THE U.S. ARMY CORPS OF ENGINEERS SOFTWARE, CORPSCON V6.0.1, CONVERTED 3/23/23).

GENERAL CONSTRUCTION NOTES

1. LOCATIONS, ELEVATIONS, & DIMENSIONS OF EXISTING UTILITIES, STRUCTURES, & 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, & DIMENSIONS OF ALL EXISTING UTILITIES, STRUCTURES & OTHER FEATURES AFFECTING THIS WORK PRIOR TO CONSTRUCTION, & NOTIFY ENGINEER OF DISCREPANCIES.
2. THE CONTRACTOR SHALL EXERCISE EXTREME CAUTION IN AREAS OF BURIED UTILITIES, & SHALL PROVIDE AT LEAST 48 HOURS NOTICE TO THE VARIOUS UTILITY COMPANIES, PRIOR 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.
3. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING FACILITIES, ABOVE OR BELOW GROUND THAT MAY OCCUR AS A RESULT OF THE WORK PERFORMED BY THE CONTRACTOR.
4. ALL UNDERGROUND UTILITIES MUST BE IN PLACE & TESTED OR INSPECTED PRIOR TO PAVEMENT & STRUCTURE CONSTRUCTION.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BECOME FAMILIAR WITH THE PERMIT & INSPECTION REQUIREMENTS OF THE VARIOUS GOVERNMENTAL AGENCIES. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION, & SCHEDULE INSPECTIONS ACCORDING TO AGENCY REQUIREMENTS & CODES.
6. ALL SPECIFICATIONS & DOCUMENTS REFERENCED BY THE PLANS & PERMITS SHALL BE OF LATEST REVISIONS &/OR LATEST EDITION.
7. ALL WORK BY CONTRACTOR/SUBCONTRACTOR SHALL COMPLY WITH THE REGULATIONS & ORDINANCES OF THE VARIOUS GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THE WORK.
8. THE CONTRACTOR SHALL SUBMIT FOR APPROVAL TO THE OWNER'S ENGINEER, SHOP DRAWINGS ON ALL PROPOSED PRECAST & MANUFACTURED STRUCTURES. FAILURE TO OBTAIN APPROVAL BEFORE INSTALLATION MAY RESULT IN REMOVAL & REPLACEMENT AT THE CONTRACTOR'S EXPENSE. ALL SHOP DRAWINGS ARE TO BE REVIEWED & APPROVED BY CONTRACTOR SIGNATURE PRIOR TO SUBMITTAL TO THE OWNER'S ENGINEER.
9. THE CONTRACTOR SHALL NOTIFY THE ENGINEER & APPROPRIATE AGENCIES, & PROVIDE THEM WITH ALL REQUIRED SHOP DRAWINGS, THE CONTRACTOR'S NAME, STARTING DATE, PROJECTED SCHEDULE, & OTHER INFORMATION AS REQUIRED, AT LEAST TWO (2) WORKING DAYS PRIOR TO CONSTRUCTION. ANY WORK PERFORMED PRIOR TO NOTIFYING THE ENGINEER, OR WITHOUT AGENCY INSPECTOR PRESENT, MAY BE DEEMED NON-COMPLIANT & WILL BE SUBJECT TO REMOVAL & REPLACEMENT AT THE CONTRACTOR'S EXPENSE.
10. BACKFILL MATERIAL SHALL BE COMPACTED AROUND PIPES IN 6" LAYERS UP TO A LEVEL OF AT LEAST ONE FOOT ABOVE THE TOP & BELOW BOTTOM OF THE PIPE. IN AREAS TO BE PAVED, BACKFILL SHALL BE COMPACTED TO 100% MAXIMUM DENSITY AS DETERMINED BY AASHTO T-99.
11. SITE WORK CONCRETE SHALL HAVE A COMPRESSIVE STRENGTH OF AT LEAST 4,000 P.S.I. IN 28 DAYS, UNLESS OTHERWISE NOTED.
12. CONCRETE REINFORCING SHALL CONFORM TO ASTM A615 GRADE OR BETTER, UNLESS OTHERWISE INDICATED ON STRUCTURE PLANS.
13. ALL PRIVATE & PUBLIC PROPERTY AFFECTED BY THIS WORK SHALL BE RESTORED TO A CONDITION EQUAL TO OR BETTER THAN EXISTING CONDITIONS. ADDITIONAL COSTS SHALL BE COORDINATED BETWEEN CONTRACTOR & OWNER.
14. GAS UTILITY COMPANIES SHALL BE NOTIFIED PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY ALL GAS UTILITIES WITH A MINIMUM OF TWO (2) WORKING DAYS PRIOR TO EXCAVATING. THESE PLANS SHOW ONLY THE APPROXIMATE LOCATION OF GAS MAINS. AN ON-SITE INSPECTION BY THE RESPECTIVE GAS COMPANY SHALL BE CALLED FOR BY THE CONTRACTOR TWO (2) WORKING DAYS BEFORE ENTERING A CONSTRUCTION AREA.
15. THE CONTRACTOR SHALL UTILIZE THE DESIGN SURVEYOR TO LOCATE & FLAG ALL PROPERTY CORNERS PRIOR TO CONSTRUCTION & FINAL ENGINEERING INSPECTION & CERTIFICATION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO HAVE PROPERTY CORNERS, WHICH HAVE BEEN LOST DURING CONSTRUCTION, RE-ESTABLISHED BY A PROFESSIONAL LAND SURVEYOR.
16. THE SOILS ENGINEER IS TO SUPPLY THE ENGINEER WITH A PHOTOCOPIY OF ALL COMPACTION TESTS & ASPHALT RESULTS. THE SOILS ENGINEER IS TO CERTIFY TO THE ENGINEER OF RECORD IN WRITING, THAT ALL TESTING REQUIREMENTS REQUIRED BY THE OWNER, LOCAL REGULATORY AGENCY, & THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT), FOR THE IMPROVEMENTS AS REQUIRED BY THE ENGINEERING CONSTRUCTION DRAWINGS & PERMITS HAVE BEEN SATISFIED.
17. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING APPLICABLE TESTING WITH THE SOILS ENGINEER. TESTS WILL BE REQUIRED PURSUANT WITH THE TESTING REQUIREMENTS AS SHOWN ON THE CONSTRUCTION DRAWINGS. UPON COMPLETION OF THE WORK, THE SOILS ENGINEER IS TO SUBMIT CERTIFICATIONS TO THE OWNER'S ENGINEER STATING THAT ALL REQUIREMENTS HAVE BEEN MET.
18. THE CONTRACTOR IS TO REVIEW THE DESIGN SOIL REPORTS & BORINGS PRIOR TO BIDDING THE PROJECT & PRIOR TO COMMENCING CONSTRUCTION.
19. THE CONTRACTOR SHALL MAINTAIN A COPY OF THE APPROVED PLANS & PERMITS AT THE CONSTRUCTION SITE AT ALL TIMES.
20. THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR INSTRUCTION OF THE CONTRACTOR REGARDING CONSTRUCTION SAFETY. THE CONTRACTOR IS SOLELY RESPONSIBLE FOR MEANS & METHODS FOR CONSTRUCTION SITE SAFETY.
21. CONSTRUCTION AND MATERIALS SHALL BE IN ACCORDANCE WITH LOCAL STANDARDS AND SPECIFICATIONS. PLANS ARE IN ACCORDANCE WITH LOCAL MINIMUM DRAWING AND SUBMITTAL REQUIREMENTS FOR POTABLE WATER, WASTEWATER, AND RECLAIMED WATER PROJECTS. STATE PLANE COORDINATES (FEET) WILL BE SUPPLIED FOR THE RECORD DRAWINGS.
22. ALL SURVEY MARKERS (BOTH VERTICAL AND HORIZONTAL), WITHIN THE GENERAL VICINITY, SHALL BE CONTINUOUSLY PROTECTED. ANY MARKERS DISTURBED OR DAMAGED SHALL BE REPLACED BY A PROFESSIONAL SURVEYOR MAPPER AND CERTIFIED TO THE COUNTY ENGINEER PRIOR TO RELEASE OF PROJECT'S CERTIFICATE OF OCCUPANCY.
23. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING DRIVEWAY AND RIGHT-OF-WAY CONSTRUCTION PERMITS FROM THE COUNTY OF MANATEE ENGINEERING DEPARTMENT. PRIOR TO CONSTRUCTION WITHIN THE RIGHT-OF-WAY.
24. THE WORK EMBRACED HEREIN, WITHIN THE RIGHT-OF-WAY, SHALL BE DONE IN ACCORDANCE WITH THE "SPECIAL PROVISIONS FOR CONSTRUCTION" OF THE COUNTY OF MANATEE.
25. CONSTRUCTION EQUIPMENT IS TO BE PLACED ON CONSTRUCTION SITE (PRIVATE PROPERTY) ONLY. NO STREET IS TO BE UTILIZED DURING CONSTRUCTION BY STORING MATERIAL OR EQUIPMENT (UNLESS OTHERWISE PERMITTED BY THE COUNTY ENGINEER).
26. CONSTRUCTION OF THE IMPROVEMENTS SHALL COMMENCE WITHIN ONE-YEAR OF COUNTY ENGINEER CERTIFICATION OR BECOME INVALID.
27. EXISTING TRAFFIC CONTROL SIGNS SHALL BE REMOVED, STORED, RELOCATED AND/OR DELIVERED TO COUNTY PUBLIC WORKS AS PART OF THIS PROJECT.
28. REPLACEMENT OF SIDEWALK AND CURB AND GUTTER SHALL ONLY LAG ITS REMOVAL BY A MAXIMUM OF TWO (2) WEEKS UNLESS OTHERWISE AUTHORIZED BY THE COUNTY ENGINEER.
29. PLANT NO TREES AND/OR HEDGES IN DRAINAGE SWALES OR IN THE FILTRATION AREAS OF ATTENUATION BASINS THAT MAY CREATE A NEGATIVE EFFECT ON THE ATTENUATION FACILITY, (I.E. BLOCKING FLOW, CLOGGING INFILTRATION SYSTEMS).
30. A LANDSCAPE AGREEMENT MUST BE OBTAINED FROM THE ENGINEERING DEPARTMENT FOR ANY LANDSCAPING AND/OR IRRIGATION FACILITIES WITHIN THE RIGHT-OF-WAY.

CLEARING & EROSION CONTROL NOTES

1. ALL CONSTRUCTION DEBRIS & OTHER WASTE MATERIAL SHALL BE DISPOSED OF OFF-SITE IN ACCORDANCE WITH APPLICABLE REGULATIONS. ONLY "GRADING BY HAND" IS PERMITTED WITHIN THE CANOPY LINE OF TREES THAT ARE TO REMAIN.
2. THE LOCATION OF ALL EXISTING UTILITIES SHOWN ON THE PLANS HAVE BEEN DETERMINED FROM THE BEST INFORMATION AVAILABLE & ARE GIVEN FOR THE CONVENIENCE OF THE CONTRACTOR. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR ACCURACY. PRIOR TO THE START OF ANY CONSTRUCTION, THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE VARIOUS UTILITIES & TO MAKE THE NECESSARY ARRANGEMENTS FOR ANY RELOCATIONS OF THESE UTILITIES WITH THE OWNER OF THE UTILITY, THE CONTRACTOR SHALL EXERCISE CAUTION WHEN CROSSING ANY UNDERGROUND UTILITY, WHETHER SHOWN ON THE PLANS OR LOCATED BY THE UTILITY COMPANY. ALL UTILITIES WHICH INTERFERE WITH THE PROPOSED CONSTRUCTION SHALL BE RELOCATED BY THE RESPECTIVE UTILITY COMPANIES & THE CONTRACTOR SHALL COOPERATE WITH THE UTILITY COMPANIES DURING RELOCATION OPERATIONS. ANY DELAY OR INCONVENIENCE CAUSED TO THE CONTRACTOR BY THE VARIOUS UTILITIES SHALL BE INCIDENTAL TO THE CONTRACT & NO EXTRA COMPENSATION WILL BE ALLOWED.
3. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAKING A VISUAL INSPECTION OF THE SITE & WILL BE RESPONSIBLE FOR THE DEMOLITION & REMOVAL OF ALL UNDERGROUND & 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 & REQUESTING A CLARIFICATION OF THE PLANS PRIOR TO DEMOLITION.
4. DURING CONSTRUCTION, ALL STORM SEWER INLETS IN THE VICINITY OF THE PROJECT SHALL BE PROTECTED BY SEDIMENT TRAPS SUCH AS SECURED SOO, STONE, ETC., WHICH SHALL BE MAINTAINED & MAINTAINED AS REQUIRED BY CONSTRUCTION. CONSTRUCTION SHALL NOT BE CONSIDERED COMPLETE UNTIL ALL SEDIMENT CONTROL METHODS SHALL BE IMPLEMENTED PRIOR TO THE START OF CONSTRUCTION & MAINTAINED UNTIL CONSTRUCTION IS COMPLETE.
5. CONTRACTOR IS TO PROVIDE EROSION CONTROL/SEDIMENTATION BARRIER (SILTATION CURTAIN) TO PREVENT SILTATION OF ADJACENT PROPERTY, STREETS, STORM SEWERS, WATERWAYS, & EXISTING WETLANDS. IN ADDITION, THE CONTRACTOR SHALL PLACE A SOIL TRACKING PREVENTION DEVICE WHERE CONSTRUCTION RELATED TRAFFIC IS TO ENTER & EXIT THE SITE. IF IN THE OPINION OF THE ENGINEER &/OR LOCAL AUTHORITIES, EXCESSIVE QUANTITIES OF EARTH ARE TRANSPORTED OFF-SITE EITHER BY NATURAL DRAINAGE OR BY VEHICULAR TRAFFIC, THE CONTRACTOR IS TO REMOVE SAID EARTH TO THE SATISFACTION OF THE ENGINEER &/OR AUTHORITIES.
6. THERE IS TO BE NO DISCHARGE (I.E. PUMPING, SHEET FLOW, SWALE, DITCH ETC.) INTO EXISTING LAKE SYSTEM, WETLAND, OR RIVER, WITHOUT THE USE OF SETTLING PONDS. A SETTLING POND PLAN MUST BE SUBMITTED & APPROVED BY THE ENGINEER OF RECORD & LOCAL REGULATORY AGENCY PRIOR TO CONSTRUCTION.
7. ALL DISTURBED AREAS WHICH ARE NOT TO BE SOODED ARE TO BE SOODED ARE TO BE SOODED & MULCHED TO FDOT STANDARDS & MAINTAINED UNTIL ACCEPTABLE TO THE REGULATORY AGENCY & ENGINEER OF RECORD. ANY WASHOUTS, REGRADING, RESEEDING, & OTHER EROSION WORK REQUIRED WILL BE PERFORMED BY THE CONTRACTOR UNTIL THE SYSTEM IS ACCEPTED BY THE OWNER, REGULATORY AGENCY, & ENGINEER OF RECORD.
8. ALL SOODING, SEEDING & MULCHING SHALL INCLUDE WATERING & FERTILIZATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THESE AREAS UNTIL THE PROJECT IS COMPLETED & CERTIFIED BY THE OWNER.

PAVING, GRADING & DRAINAGE NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE & WILL PROVIDE BRACING, SHEETING OR SHORING, AS NECESSARY. TRENCHES SHALL BE KEPT DRY WHILE PIPE & APPURTENANCES ARE BEING PLACED. DEWATERING SHALL BE USED AS REQUIRED.
2. PRIOR TO CONSTRUCTING CONCRETE PAVEMENT, THE CONTRACTOR IS TO SUBMIT A PROPOSED JOINTING PATTERN TO THE OWNER'S ENGINEER FOR APPROVAL.
3. THE CONTRACTOR IS TO PROVIDE A 1/2" BITUMINOUS EXPANSION JOINT MATERIAL WITH SEALER, AT ABUTMENT OF CONCRETE & ANY STRUCTURE.
4. THE CONTRACTOR IS TO INSTALL EXTRA BASE MATERIAL WHEN THE DISTANCE BETWEEN THE PAVEMENT ELEVATION & THE TOP OF THE PIPE OR BELL IS LESS THAN TWELVE (12) INCHES. SEE "EXTRA BASE FOR CROSS CULVERTS UNDER FLEXIBLE PAVEMENT DETAIL".
5. STORMWATER PIPES SHOWN ON THESE PLANS AS ABBREVIATED AS "STM" MAY BE INSTALLED AS REINFORCED CONCRETE PIPE (RCP)(CLASS IV, ASTM C-76), CORRUGATED HIGH DENSITY POLYETHYLENE PIPE (HDPE)(ADS TYPE N-12), OR AN EQUIVALENT AS APPROVED BY THE ENGINEER OF RECORD.
6. PVC STORM PIPE, 12" & SMALLER SHALL CONFORM TO AWWA C-900, CLASS 150 STANDARDS, UNLESS OTHERWISE NOTED.
7. PIPE LENGTHS SHOWN ARE APPROXIMATE & ARE MEASURED TO END OF PIPE.
8. ALL DRAINAGE STRUCTURE GRATES & COVERS WITHIN TRAFFIC AREAS SHALL BE TRAFFIC RATED FOR & CAPABLE OF WITHSTANDING H-20 LOADINGS.
9. MATERIALS & CONSTRUCTION METHODS FOR STREETS & STORM DRAINAGE CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LOCAL REGULATORY AGENCY & THE FLORIDA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD & BRIDGE CONSTRUCTION.
10. THE CONTRACTOR SHALL PROVIDE FIELD NOTES MARKED ON AN APPROVED SET OF CONSTRUCTION PLANS TO OWNER'S ENGINEER WITH SUFFICIENT LEGIBLE NOTES TO PREPARE RECORD DRAWINGS ACCORDING TO COUNTY OF MANATEE PUBLIC WORKS UTILITY STANDARDS MINIMUM RECORD DRAWING STANDARDS.
11. ROOF DRAIN PIPES SHALL BE PVC (SCH 40), OR CORRUGATED HDPE (ADS N-12, OR APPROVED EQUAL).

PAVING GRADING & DRAINAGE TESTING & INSPECTION REQUIREMENTS

1. TV VIDEO INSPECTION IS REQUIRED FOR ALL STORMWATER PIPES WHICH CONVEY RUNOFF STREETS (PUBLIC OR PRIVATE). LASER PROFILE IS REQUIRED FOR ALL ADS/HDPE STORMWATER PIPES WHICH CONVEY RUNOFF STREETS (PUBLIC OR PRIVATE). FOR PIPE 48 INCHES OR LESS IN DIAMETER, PROVIDE THE ENGINEER A VIDEO DVD AND REPORT USING LOW BARREL DISTORTION VIDEO EQUIPMENT WITH LASER PROFILE TECHNOLOGY, NON-CONTACT MICROMETER AND ASSOCIATED SOFTWARE (OR APPROVED EQUAL) THAT PROVIDES:
 - A. ACTUAL RECORDED LENGTH AND WIDTH MEASUREMENTS OF ALL CRACKS WITHIN THE PIPE.
 - B. ACTUAL RECORDED SEPARATION MEASUREMENT OF ALL PIPE JOINTS.
 - C. PIPE QUALITY REPORT.
 - D. DEFLECTION MEASUREMENTS AND GRAPHICAL DIAMETER ANALYSIS REPORT IN TERMS OF X AND Y AXIS.
 - E. FLAT ANALYSIS REPORT.
 - F. REPRESENTATIVE DIAMETER OF THE PIPE.
2. PIPE DEFORMATION MEASUREMENTS, LEAKS, DEBRIS, OR OTHER DAMAGE OR DEFECTS.
3. DEVIATION IN PIPE LINE AND GRADE, JOINT GAPS, AND JOINT MISALIGNMENT.
4. THE CONTRACTOR SHALL MAINTAIN THE STORM DRAINAGE SYSTEMS UNTIL FINAL ACCEPTANCE OF THE PROJECT.
5. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL TESTING REQUIRED BY THE CONSTRUCTION PLANS WITH THE SOILS ENGINEER, UPON COMPLETION OF THE WORK, THE SOILS ENGINEER SHALL SUBMIT CERTIFICATIONS TO THE OWNER'S ENGINEER STATING THAT ALL REQUIREMENTS HAVE BEEN MET.

GENERAL NOTES

1. ALL SURVEY MARKERS (BOTH VERTICAL AND HORIZONTAL), WITHIN THE GENERAL VICINITY, SHALL BE CONTINUOUSLY PROTECTED. ANY MARKERS DISTURBED OR DAMAGED SHALL BE REPLACED BY A PROFESSIONAL SURVEYOR MAPPER AND CERTIFIED TO THE COUNTY ENGINEER PRIOR TO RELEASE OF PROJECT CERTIFICATE OF OCCUPANCY.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING DRIVEWAY AND RIGHT-OF-WAY CONSTRUCTION PERMITS FROM THE COUNTY OF MANATEE ENGINEERING DEPARTMENT. PRIOR TO ANY CONSTRUCTION WITHIN THE RIGHT-OF-WAY.
3. THE WORK EMBRACED HEREIN, WITHIN THE RIGHT-OF-WAY, SHALL BE DONE IN ACCORDANCE WITH THE "SPECIAL PROVISIONS FOR CONSTRUCTION" OF THE COUNTY OF MANATEE.
4. CONSTRUCTION EQUIPMENT IS TO BE PLACED ON CONSTRUCTION SITE (PRIVATE PROPERTY) ONLY. NO STREET IS TO BE UTILIZED DURING CONSTRUCTION BY STORING MATERIAL OR EQUIPMENT (UNLESS OTHERWISE PERMITTED BY THE COUNTY ENGINEER).
5. CONSTRUCTION OF THE IMPROVEMENTS SHALL COMMENCE WITHIN ONE-YEAR OF COUNTY ENGINEER CERTIFICATION OR BECOME INVALID.
6. EXISTING TRAFFIC CONTROL SIGNS SHALL BE REMOVED, STORED, RELOCATED AND/OR DELIVERED TO COUNTY PUBLIC WORKS AS PART OF THIS PROJECT.
7. REPLACEMENT OF SIDEWALK AND CURB AND GUTTER SHALL ONLY LAG ITS REMOVAL BY A MAXIMUM OF TWO (2) WEEKS UNLESS OTHERWISE AUTHORIZED BY THE COUNTY ENGINEER.
8. NO FENCE, WALL, HEDGE OR OTHER PLANTING OR STRUCTURE SHALL BE ERRECTED, PLACED OR MAINTAINED IN A MANNER THAT IT WILL OBSTRUCT SIGHT VISIBILITY ON THE STREET.
9. PLANT NO TREES AND/OR HEDGES IN DRAINAGE SWALES OR IN THE FILTRATION AREAS OF ATTENUATION BASINS THAT MAY CREATE A NEGATIVE EFFECT ON THE ATTENUATION FACILITY, (I.E. BLOCKING FLOW, CLOGGING INFILTRATION SYSTEMS).
10. A RIGHT-OF-WAY USE PERMIT MUST BE OBTAINED FROM THE NDS ENGINEERING DIVISION FOR ANY LANDSCAPING AND/OR IRRIGATION FACILITIES WITHIN THE RIGHT-OF-WAY. A SEPARATE BUILDING PERMIT MUST BE APPLIED FOR AND ISSUED FOR EVERY SIGN, WALL, OUTDOOR LIGHTING AND STRUCTURE ON THE SITE. THE APPROVAL OF THESE CONSTRUCTION PLANS DOES NOT EXEMPT THE CONTRACTOR FROM OBTAINING THE NECESSARY BUILDING PERMITS.
11. MANATEE COUNTY PUBLIC WORKS UTILITY STANDARDS ARE THE MINIMUM ALLOWABLE WATER AND/OR WASTEWATER CONSTRUCTION STANDARDS, WHERE ANY NOTE OR DETAIL ON THESE PLANS CONFLICT WITH THE MANATEE COUNTY PUBLIC WORKS UTILITY STANDARDS THE MORE STRINGENT INTERPRETATION, AS DETERMINED BY THE COUNTY INFRASTRUCTURE INSPECTOR, SHALL BE APPLIED.
12. ANY UNSUITABLE MATERIAL ENCOUNTERED IN THE PROPOSED ROADWAY CORRIDOR SHALL BE REMOVED PER FDOT INDEX 120-001 & 120-002.
13. THERE ARE NO EXISTING WETLANDS WITHIN THIS PROJECT SITE.
14. THERE ARE NO EXISTING WELLS WITHIN THE LIMITS OF CONSTRUCTION OF THIS PROJECT.
15. ANY WELLS DISCOVERED DURING EXCAVATION, EARTHMOVING OR CONSTRUCTION MUST BE REPORTED TO MANATEE COUNTY HEALTH DEPARTMENT WITHIN 24 HOURS OF DISCOVERY.
16. ANY WELLS ONSITE THAT WILL HAVE NO USE MUST BE PLUGGED BY A LICENSED WELL DRILLING CONTRACTOR IN AN APPROVED MANNER.
17. THE DEPTH OF EXISTING UTILITIES WILL BE MAINTAINED.

GENERAL SAFETY NOTES

1. DURING THE CONSTRUCTION &/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 & SAFETY OF THE TRAVELING PUBLIC & THE SAFETY OF HIS PERSONNEL.
2. THE MINIMUM STANDARDS AS SET FORTH IN THE CURRENT EDITION OF THE STATE OF FLORIDA, MANUAL ON TRAFFIC CONTROL & SAFE PRACTICES FOR STREET & HIGHWAY CONSTRUCTION, MAINTENANCE & UTILITY OPERATIONS SHALL BE FOLLOWED IN THE DESIGN APPLICATION, INSTALLATION, MAINTENANCE, & REMOVAL OF ALL TRAFFIC CONTROL DEVICES, WARNING DEVICES, & BARRIERS NECESSARY TO PROTECT THE PUBLIC & WORKMEN FROM HAZARDS WITHIN THE PROJECT LIMITS.
3. ALL TRAFFIC CONTROL MARKINGS & 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.
4. LABOR SAFETY REGULATIONS SHALL CONFORM TO THE PROVISIONS SET FORTH BY OSHA IN THE FEDERAL REGISTER & THE FLORIDA DEPARTMENT OF TRANSPORTATION REGULATIONS.
5. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO COMPLY & ENFORCE ALL APPLICABLE SAFETY REGULATIONS. THE ABOVE INFORMATION HAS BEEN PROVIDED FOR THE CONTRACTOR'S INFORMATION ONLY & DOES NOT IMPLY THAT THE OWNER OR ENGINEER WILL INSPECT &/OR ENFORCE SAFETY REGULATIONS.

REQUESTED MANATEE COUNTY NOTE:

1. ANY OFFSITE IMPROVEMENTS WITHIN THE MANATEE COUNTY RIGHT-OF-WAY (ROW) AS DEPICTED ON THE APPROVED "CONSTRUCTION DRAWINGS" AND/OR "FINAL SITE PLANS", AS APPLICABLE, SHALL REQUIRE A "TEMPORARY TRAFFIC CONTROL PLAN" (TTCP) BASED ON THE MINIMUM REQUIREMENTS PROVIDED IN THE MANUAL OF UNIFORM TRAFFIC CONTROL PLAN (MUTCD) AND/OR MANATEE COUNTY TRANSPORTATION STANDARD DETAIL 406.0 (ROAD/LANE CLOSURE PROCEDURES).
2. TV VIDEO INSPECTION IS REQUIRED FOR ALL STORMWATER PIPES (PUBLIC OR PRIVATE).
3. LASER PROFILE IS REQUIRED FOR ALL ADS/HIGH DENSITY POLYETHYLENE STORMWATER PIPES. FOR PIPE 48 INCHES OR LESS IN DIAMETER, PROVIDE ENGINEER A VIDEO DVD AND REPORT USING LOW BARREL DISTORTION VIDEO EQUIPMENT WITH LASER PROFILE TECHNOLOGY, NON-CONTACT MICROMETER AND ASSOCIATED SOFTWARE (OR APPROVED EQUAL) THAT PROVIDES:
 - A. ACTUAL RECORDED LENGTH AND WIDTH MEASUREMENTS OF ALL CRACKS WITHIN THE PIPE.
 - B. ACTUAL RECORDED SEPARATION MEASUREMENT OF ALL PIPE JOINTS.
 - C. PIPE QUALITY REPORT.
 - D. DEFLECTION MEASUREMENTS AND GRAPHICAL DIAMETER ANALYSIS REPORT IN TERMS OF X AND Y AXIS.
 - E. FLAT ANALYSIS REPORT.
 - F. REPRESENTATIVE DIAMETER OF THE PIPE.
4. ALL OF THE SIGNING AND PAVEMENT MARKINGS SHALL BE PROVIDED IN ACCORDANCE WITH THE LATEST EDITIONS OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), FDOT DESIGN STANDARDS AND THE MANATEE COUNTY PUBLIC WORKS DEPARTMENT HIGHWAY, TRAFFIC AND STORMWATER STANDARDS. TRAFFIC CONTROL DEVICES THAT DO NOT CONFORM TO THESE DOCUMENTS, AND THAT ARE WITHIN THE PUBLICLY MAINTAINED RIGHT-OF-WAY, IF ACCEPTABLE, WILL REQUIRE AN EXECUTED MAINTENANCE AGREEMENT PRIOR TO APPROVAL OF CONSTRUCTION PLANS.
5. ALL STREET NAME SIGN SHOP DRAWINGS ARE TO BE REVIEWED BY MANATEE COUNTY PRIOR TO INSTALLATION AND THE SIGNS SHALL BE DESIGNED WITH BLOCK NAMES, NUMBERS AND COLORS AS FOLLOWS:
 - A. PRIVATE STREETS INTERSECTING WITH PUBLIC ROADS: THE STREET NAME SIGNS SHALL BE 6" B SERIES UPPER/LOWER CASE WHITE TEXT ON BLUE BACKGROUND.
 - B. PUBLIC STREETS: THE STREET NAME SIGNS SHALL BE 6" B SERIES UPPER/LOWER CASE WHITE TEXT ON GREEN BACKGROUND.
 - C. EMERGENCY ACCESS MAINTENANCE STREETS: THE STREET NAME SIGNS SHALL BE 6" B SERIES UPPER/LOWER CASE WHITE TEXT ON BROWN BACKGROUND.
6. MANATEE COUNTY PUBLIC WORKS UTILITY STANDARDS ARE THE MINIMUM ALLOWABLE WATER AND/OR WASTEWATER CONSTRUCTION STANDARDS, WHERE ANY NOTE OR DETAIL ON THESE PLANS CONFLICT WITH THE MANATEE COUNTY PUBLIC WORKS UTILITY STANDARDS THE MORE STRINGENT INTERPRETATION, AS DETERMINED BY THE COUNTY INFRASTRUCTURE INSPECTOR, SHALL BE APPLIED.

PERMITTED DRAWINGS SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT (SWFWMD)
 For construction permits, the Permittee shall notify the District in writing when construction begins.



NO.	DATE	REVISION DESCRIPTION	BY
1	12/18/23	VERTICAL DATUM CONVERSION INFO ADDED	DBH



MORRIS ENGINEERING AND CONSULTING, LLC
 Civil Engineering and Land Development Consulting
 6901 Professional Parkway East, Suite 103, Sarasota, Florida 34240 | CA 28780 941-444-6644 | www.morrisengr.com

DATE	03-23-23
PROJECT	SWIFT SELF STORAGE
DRAWING	G2-SSS NOTES
DRAWN	DBH
CHECKED	MJM

NOTES
SWIFT SELF STORAGE
 MANATEE COUNTY, FLORIDA

Brett T. Rocklein, P.E., State of Florida, Professional Engineer,
 License No. 88736. This item has been digitally signed and sealed by Brett T. Rocklein, P.E. on the date indicated here.
 Signature must be verified on any electronic copies.

SCALE	N/A
SEC.	TSP-RND 20-345-196
SHEET	2
OF	12

BRETT T. ROCKLEIN
 FL LICENSE NO. 88736

PERMITTED DRAWINGS SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT (SWFWMD)
 For construction permits, the Permittee shall notify the District
 in writing when construction begins.



NO.	DATE	REVISION DESCRIPTION	BY
3	05-19-25	REV. SITE PER CHANGES TO 117th ROW	DBH
2	04-10-25	SITE & UTILITY REV. PER FINAL COUNTY AGREEMENT	DBH
1	12-18-23	UPDATE SITE, ADD VIS. TRIANGLE	DBH

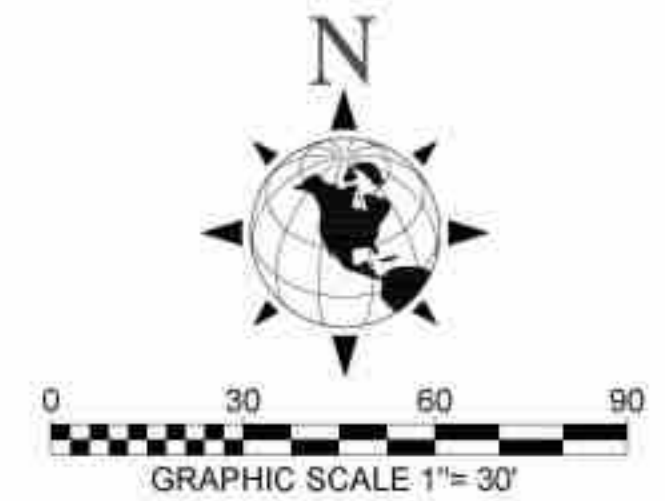
M MORRIS ENGINEERING AND CONSULTING, LLC
 Civil Engineering and Land Development Consulting
 10611 Professional Parkway East, Suite 103, Sarasota, Florida 34240 | CA 28790 941-444-6044 | www.morrisengineering.com

DATE	03-23-23
PROJECT	SWIFT SELF STORAGE
DRAWING	03-SSS AER
DRAWN	DBH
CHECKED	MJM

AERIAL SITE PLAN
SWIFT SELF-STORAGE
 MANATEE COUNTY, FLORIDA

Brett T. Rocklein, P.E., State of Florida, Professional Engineer,
 License No. 88736. This item has been digitally signed and sealed
 by Brett T. Rocklein, P.E. on the date indicated here.
 Signature must be verified on any electronic copies.

SCALE: 1"=100'
 SEC.-TSP.-RNO. 20-345-19K
 SHEET 3 OF 12
 BRETT T. ROCKLEIN
 FL LICENSE NO. 88736



LEGEND
 EX EXISTING
 RCP REINFORCED CONCRETE PIPE
 TBR TO BE REMOVED

NOTES:

- EXISTING CONDITIONS SHOWN HEREON ARE FROM A BOUNDARY & TOPOGRAPHIC SURVEY BY GEOSURV SURVEYING & MAPPING (DATED OCTOBER 18, 2021 AND UPDATED DECEMBER 22, 2022, PROJECT 210042).
- THE PROPERTY SHOWN HEREON LIES WITHIN ZONES "X" AS PER F.I.R.M. PANEL NO. 12081C0 195F (DATED 08-10-2021)
- ELEVATIONS SHOWN HEREON ARE REFERENCED TO NAVD 1988 (NAVD 1988 + 1.13' = NGVD 1929; CONVERTED WITH THE U.S. ARMY CORPS OF ENGINEERS SOFTWARE, CORPSCON V8.0.1, CONVERTED 3/23/23).

LEGAL DESCRIPTION (FROM CLIENT):
 BEGINS AT A POINT FOUND BY MEASURING FROM THE NW CORNER OF SECTION 20, TOWNSHIP 34 SOUTH, RANGE 19 EAST, MANATEE COUNTY, FLORIDA, SOUTH ALONG THE WEST LINE OF SAID SECTION 20, A DISTANCE OF 3448.43 FEET TO THE POINT OF BEGINNING; THENCE EAST 661.94 FEET; THENCE SOUTH 330 FEET; THENCE WEST 661.94 FEET; THENCE NORTH ALONG THE WEST LINE OF SAID SECTION 20, A DISTANCE OF 330 FEET TO THE POINT OF BEGINNING; LESS AND EXCEPT THAT PORTION THEREOF CONVEYED TO MANATEE COUNTY BY INSTRUMENT RECORDED IN D.R. BOOK 105, PAGE 466, PUBLIC RECORDS OF MANATEE COUNTY, FLORIDA.

SURVEY LEGEND

- These standard symbols and abbreviations can be found herein.
- Benchmark, as denoted
 - "X"/Cross Cut Point
 - Corner set, nail & disk, or 5/8" iron rod & cap (J87731)
 - Corner found, as denoted
 - Monument set, 4" concrete (J87731)
 - Monument found, as denoted
 - Mail Box
 - Richard Post, as denoted
 - Wood Sign Post
 - Metal Sign Post
 - Yard Drain
 - Stair Drain
 - Shower Drain
 - Sanitary Sewer Cleanout
 - Sanitary Sewer Manhole
 - Sanitary Sewer Manhole
 - Sanitary Sewer Manhole
 - Electric Manhole
 - Utility Manhole
 - Unknown Manhole
 - Wood Power Pole
 - Concrete Power Pole
 - Metal Power Pole
 - Metal Light Pole
 - Wood Light Pole
 - Fluoridation Light Pole
 - Metal Flag Pole
 - Concrete Light Pole
 - Guy Wire Anchor
 - Cross-walk Signal Post
 - Power Transformer post
 - Utility Pull Box
 - Utility Hand Hole
 - Utility Room
 - Utility Cabinet
 - Bore Sample Location
 - Gas Valve
 - Gas Line marker
 - Palm Tree
 - Oak Tree
 - Pine Tree
 - Citrus Tree
 - Banyan Tree
 - Unknown Tree
 - Spot Elevation

PERMITTED DRAWINGS SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT (SWFWMD)
 For construction permits, the Permittee shall notify the District
 in writing when construction begins.



NO.	DATE	REVISION DESCRIPTION	BY

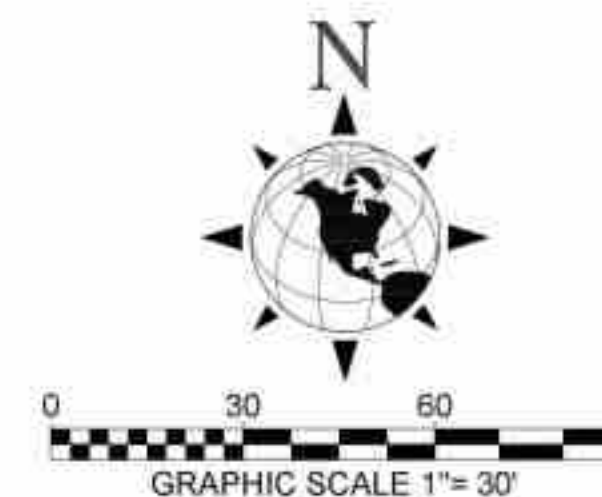
M MORRIS ENGINEERING AND CONSULTING, LLC
 Civil Engineering and Land Development Consulting
 1981 Professional Parkway East, Suite 103, Sarasota, Florida 34240 CA 28790 941-444-6044 www.morriseng.com

DATE	01-03-23
PROJECT	SWIFT SELF STORAGE
DRAWING	04-SSS EX COND
DRAWN	DBH
CHECKED	MJM

EXISTING CONDITIONS PLAN
SWIFT SELF-STORAGE
 MANATEE COUNTY, FLORIDA

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 License No. 88736. This item has been digitally signed and sealed
 by Brett T. Rocklein, P.E. on the date indicated here.
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SCALE	1"=30'
SEC. - TSP - RING	20-345-19K
SHEET	4
OF	12



- LEGEND**
- BOT BOTTOM
 - EX EXISTING
 - NWL NORMAL WATER LEVEL
 - RCP REINFORCED CONCRETE PIPE
 - TBR TO BE REMOVED
 - TOB TOP OF BANK

- SITE NOTES:**
1. ADDRESS: 117 UPPER MANATEE RIVER ROAD BRADENTON, FL 34212
 2. P.I.D.: 554510559
 3. AREA: 3.558 AC ± (155,443 S.F. ±)
 4. ZONING: PDC
 5. FLOOD ZONE: X (12081C 0106F)
 6. EXISTING LAND USE: 0100 - SINGLE FAMILY RESIDENTIAL
 7. FUTURE LAND USE: UFA
 8. PROPOSED LAND USE: COMMERCIAL
 9. MAXIMUM BUILDING HEIGHT: 35'
 10. BUILDING CONSTRUCTION: TYPE IIB, SPRINKLED
 11. BUILDING AREA: 3 STORIES (4+3) 327 S.F. EACH) 99,933 S.F. TOTAL
 12. MAXIMUM FAR ALLOWED: 0.5
 13. SEE SCHEDULE B FOR SCHEDULE OF USES
 14. REQUIRED OPEN SPACE: 20% (0.947 AC)
 15. PROVIDED OPEN SPACE: 31.77% (1.13 AC)
 16. REQUIRED PARKING: 1,500 STORAGE UNITS OR 18,000 GFA, WHICHEVER IS GREATER + 2 SPACES AT MANAGER'S OFFICE
 17. 99,933 GFA / 3,000 = 20 SPACES PLUS 2 SPACES AT MANAGER'S OFFICE = 22 SPACES MINUS 8 SPACES DUE TO R.O.W. TAKING = 14 REQUIRED SPACES
 18. PROPOSED PARKING SPACES = 14 SPACES
 19. PROJECT TO CONNECT TO EXISTING RECLAIMED UTILITY SYSTEM FOR IRRIGATION PURPOSES
 20. SETBACKS PER APPROVED GDP (402.11 PDC & 531.31 SPECIFIC USE): FRONT/REAR: 30' PDC NORTH/SIDE: 20' 30' 31' B SOUTH/FRONT: 25' LOCAL STREET EAST/SIDE: 20'
 21. "OUTDOOR STORAGE: 50' FROM PROPERTY LINES" "25' ADJACENT TO 117TH STREET EAST R.O.W."
 22. TREE REMOVAL/REPLACEMENT AND LANDSCAPING WILL BE IN ACCORDANCE WITH THE L.D.C. SECTION 700 AND 701.
 23. NO WETLAND IMPACTS ARE PROPOSED
 24. THERE ARE NO KNOWN WELLS ON SITE
 25. PROJECT IS PROPOSED TO HAVE TWO PHASES. THE SECOND PHASE INCLUDES THE OUTDOOR STORAGE COMPONENT
 26. PROJECT WILL CONNECT TO COUNTY UTILITIES
 27. PROJECT WILL UTILIZE COUNTY SOLID WASTE COLLECTION
 28. ALL SIGNING AND PAVEMENT MARKINGS SHALL BE PROVIDED IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) DESIGN STANDARDS, AND THE MANATEE COUNTY PUBLIC WORKS - HIGHWAY TRAFFIC AND STORMWATER STANDARDS
 29. PROJECT IS SUBJECT TO LANDSCAPING REQUIREMENTS LDC SECTION 402, 700 AND 701 DURING THE FSP REVIEW
 30. PROPOSED SIDEWALKS ARE SUBJECT TO LDC SECTION 1001.6
 31. ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988. THE CONVERSION FROM NAVD-89 TO NAVD-88 IS (-) 1.135'
 32. * THIS PROJECT IS PLANNING TO CONNECT INTO COUNTY UTILITIES AND IS IN ACCORDANCE WITH THE MOST RECENT COUNTY MASTER PLAN FOR THIS AREA. PROPOSED POTABLE WATER, RECLAIMED WATER AND WASTEWATER FACILITIES SHOWN ARE CONCEPTUAL ONLY AND DEMONSTRATE THE INTENT TO COMPLY WITH THE REQUIREMENTS OF SECTION 803 OF THE MANATEE COUNTY L.D.C.

SIGN LEGEND

- 1 STOP SIGN (R1-1) HIGH INTENSITY RETROREFLECTIVE (M.U.T.C.D. SECTION 2B.03)(36"x36")
- 2 DISABLED PARKING W/ FINE (FDOT FTP-20-06 & FTP-22-06) PER FLORIDA STATUTE 553.5041 (12"x18" & 6"x12")

NOTES:

- * 1. SIGNS SIZES TO COMPLY WITH THE U.S. DEPARTMENT OF TRANSPORTATION, FEDERAL HIGHWAY ADMINISTRATION, MANUAL ON TRAFFIC CONTROL DESIGN SECTION 2B.03, TABLE 2B-1 & SECTION 2A.01 FUNCTIONS AND PURPOSE OF SIGNS
- * 2. SIGN POLES TO COMPLY WITH THE A.A.S.H.T.O. STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS

PERMITTED DRAWINGS SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT (SWFWMD)
 For construction permits, the Permittee shall notify the District in writing when construction begins.



PORT HARBOUR PARKWAY
 Public Right-of-Way

NO.	DATE	REVISION DESCRIPTION	BY
6	08-26-25	ENLARGE DUMPSTER ENCLOSURE	DBH
5	06-16-25	MOVE UTIL EASE & ADD "FUTURE" DESIG.	DBH
4	05-19-25	REV. SITE PER CHANGES TO 117th ROW	DBH
3	03-06-25	REV. PARCELS 116, 818 & 117th ROW	DBH
2	04-10-25	SITE & UTILITY REV. PER FINAL COUNTY AGREEMENT	DBH
1	12-15-23	REV. FUT. ROW LINE TO 20', SHIFT SITE 5' EAST	DBH
		ADD SIGN LEGEND & SIDEWALK	

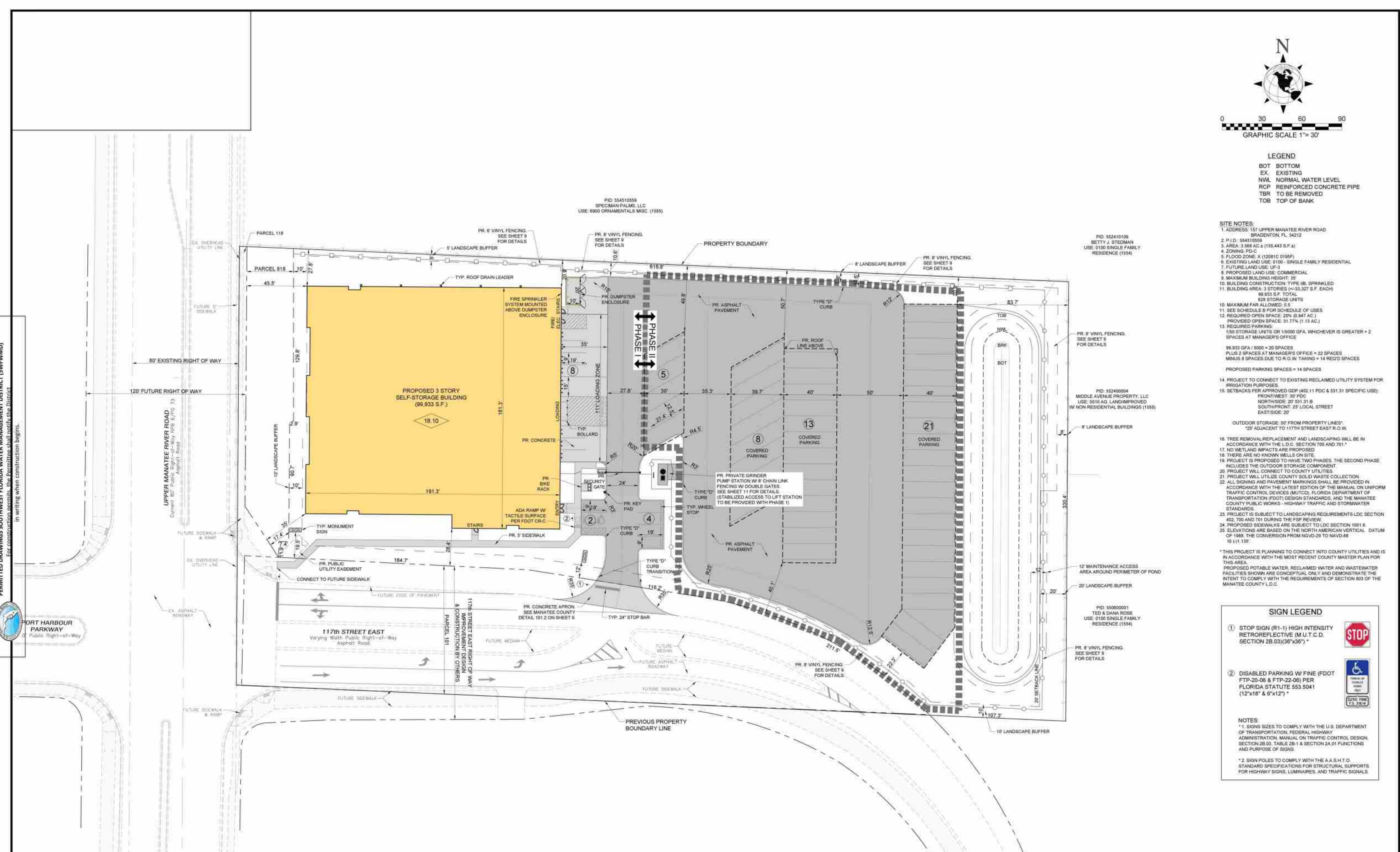
MORRIS ENGINEERING AND CONSULTING, LLC
 Civil Engineering and Land Development Consulting
 1901 Professional Parkway East, Suite 101, Sarasota, Florida 34240 | C.A. 28790 | 941-444-6644 | www.morriseng.com

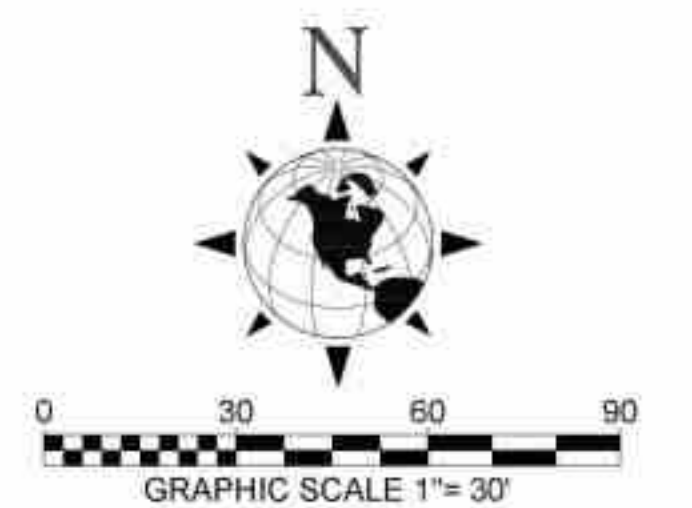
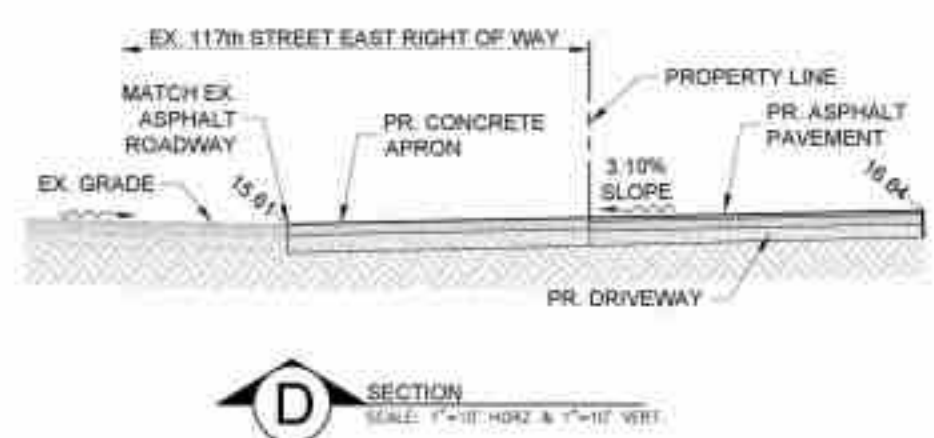
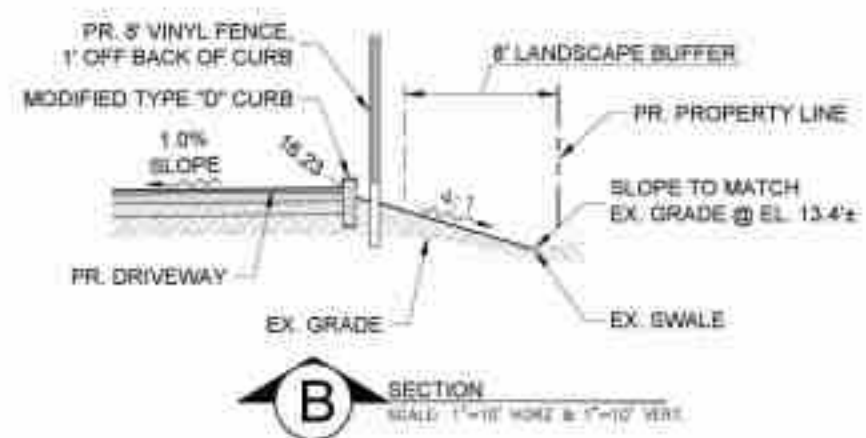
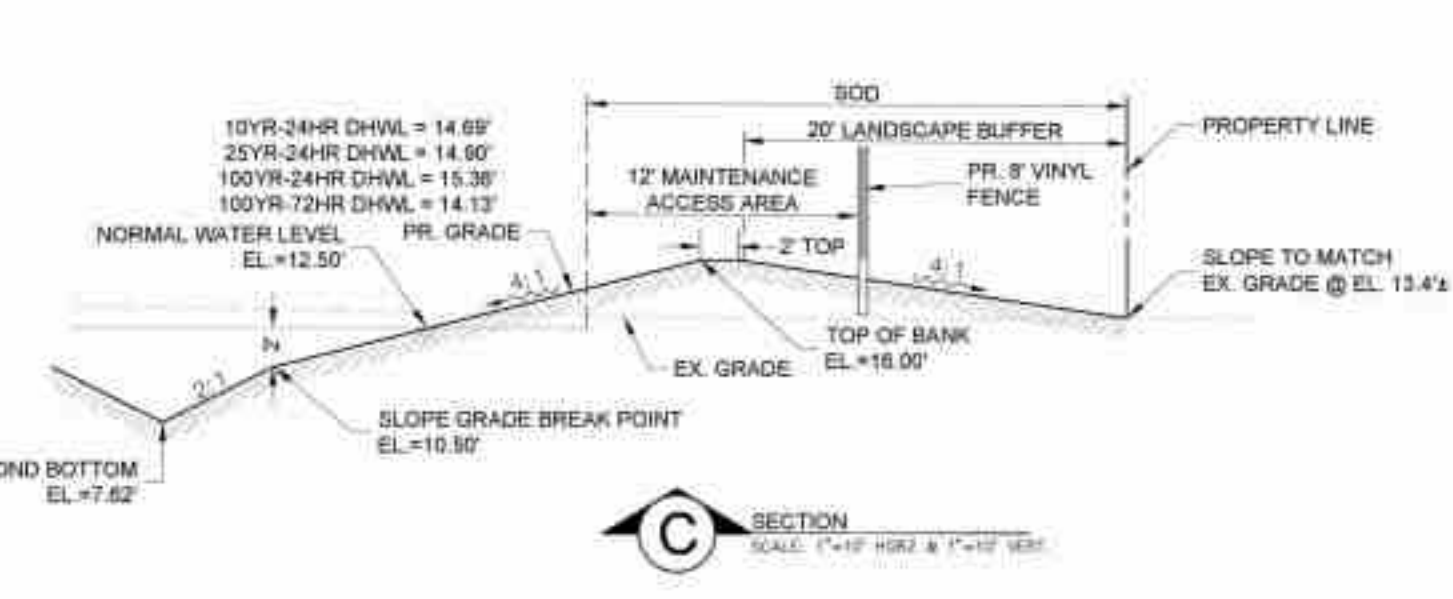
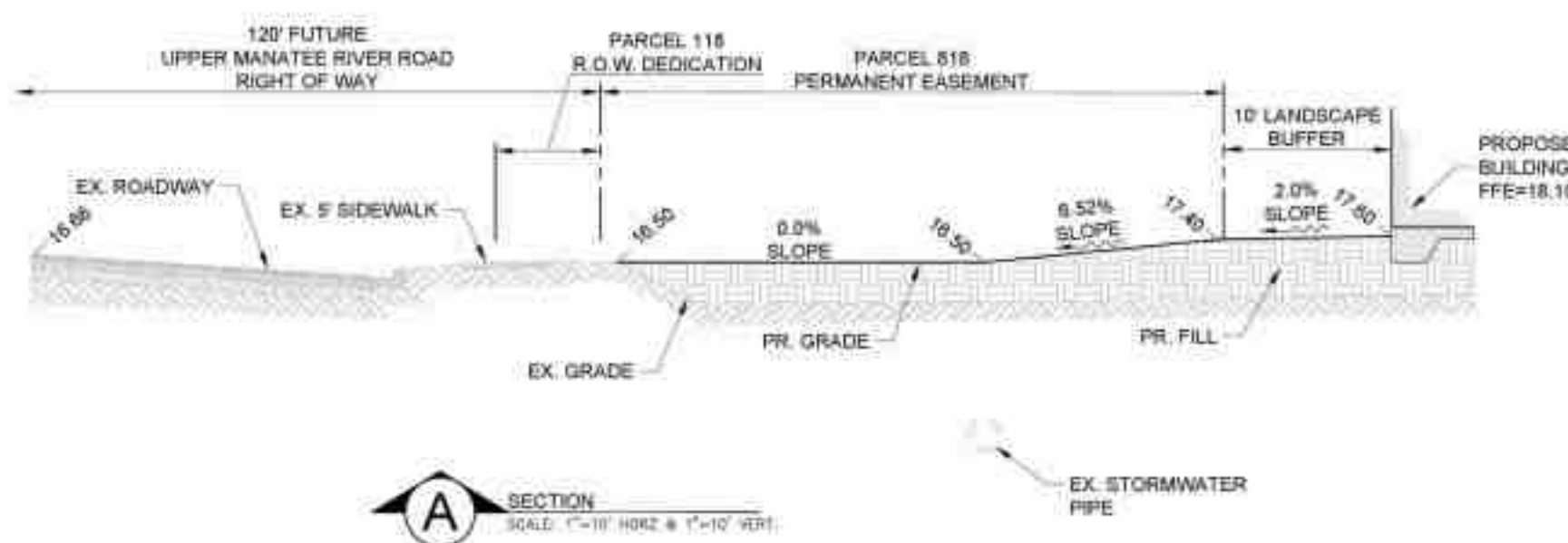
DATE	04-15-2025
PROJECT	SWIFT SELF STORAGE
DRAWING	05-555 SP
DRAWN	DBH
CHECKED	MJM

SITE PLAN
SWIFT SELF-STORAGE
 MANATEE COUNTY, FLORIDA

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 License No. 88736. This item has been digitally signed and sealed
 by Brett T. Rocklein, P.E. on the date indicated here.
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SCALE
 1"=30'
 SEC. - TSP - RING
 20-345-196
 SHEET
5 OF
12
 BRETT T. ROCKLEIN
 FL. LICENSE NO. 88736





LEGEND
 EX. EXISTING
 RCP REINFORCED CONCRETE PIPE
 TBR TO BE REMOVED

DATUM NOTE:
 EXISTING CONDITIONS SHOWN HEREON ARE FROM A BOUNDARY & TOPOGRAPHIC SURVEY BY GEOSURV SURVEYING & MAPPING (DATED OCTOBER 18, 2021 AND UPDATED DECEMBER 22, 2022, PROJECT 210042).
 ELEVATIONS SHOWN HEREON ARE REFERENCED TO NAVD 1988 (NAVD 1988 + 1.135 = NGVD 1929, CONVERTED WITH THE U.S. ARMY CORPS OF ENGINEERS SOFTWARE, CORPSCON V6.0.1, CONVERTED 3/23/23).

LEGAL DESCRIPTION (FROM CLIENT):
 BEGIN AT A POINT FOUND BY MEASURING FROM THE NW CORNER OF SECTION 20, TOWNSHIP 34 SOUTH, RANGE 18 EAST, MANATEE COUNTY, FLORIDA; SOUTH ALONG THE WEST LINE OF SAID SECTION 20, A DISTANCE OF 3448.45 FEET TO THE POINT OF BEGINNING; THENCE EAST 081.94 FEET; THENCE SOUTH 330 FEET; THENCE WEST 661.34 FEET; THENCE NORTH ALONG THE WEST LINE OF SAID SECTION 20, A DISTANCE OF 330 FEET TO THE POINT OF BEGINNING; LESS 20 AND EXCEPT THAT PORTION THEREOF CONVEYED TO MANATEE COUNTY BY INSTRUMENT RECORDED IN O.R. BOOK 108, PAGE 498, PUBLIC RECORDS OF MANATEE COUNTY, FLORIDA.

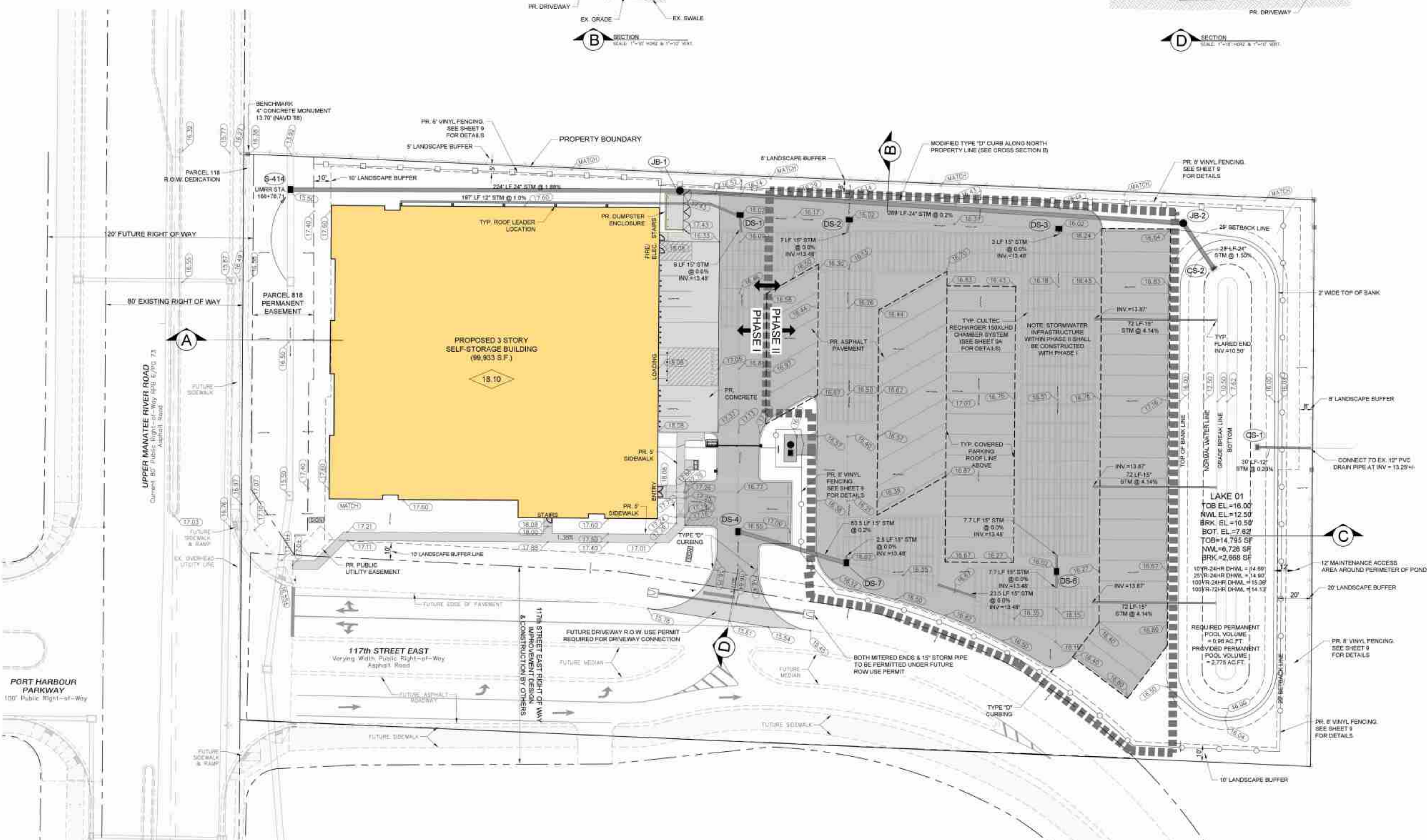
GENERAL NOTES:
 1. 117th STREET EAST TO BE DESIGNED BY OTHERS. PROPOSED GRADES SHOWN HEREON ALONG THE 117th STREET EAST CURB LINE & SIDEWALK ARE APPROXIMATE AT THIS TIME. FINAL GRADES WILL BE COORDINATED WITH THE DESIGNERS OF THE ROADWAY.

PROPOSED DRAINAGE STRUCTURE DATA

DS-1 DITCH BOTTOM INLET TYPE F, FDOT INDEX 425-053 TOP OF GRADE=16.02' W. INV.=12.25' (12') S. INV.=13.45' (10')	DS-2 DITCH BOTTOM INLET TYPE F, FDOT INDEX 425-053 TOP OF GRADE=16.02' W. INV.=12.25' (12') S. INV.=13.45'	DS-3 DITCH BOTTOM INLET TYPE F, FDOT INDEX 425-053 TOP OF GRADE=16.02' S. INV.=13.45'	DS-4 DITCH BOTTOM INLET TYPE F, FDOT INDEX 425-053 TOP OF GRADE=16.02' SE. INV.=12.84'	DS-5 DITCH BOTTOM INLET TYPE F, FDOT INDEX 425-053 TOP OF GRADE=16.00' S. INV.=13.45' NW. INV.=12.71'	DS-6 DITCH BOTTOM INLET TYPE F, FDOT INDEX 425-053 TOP OF GRADE=16.02' N. INV.=13.45' S. INV.=13.45'	DS-7 DITCH BOTTOM INLET TYPE F, FDOT INDEX 425-053 TOP OF GRADE=16.02' N. INV.=13.45' NW. INV.=12.71'	JB-01 JUNCTION BOX TYPE F, FDOT INDEX 425-053 TOP EL.=11.50' E. INV.=11.00' W. INV.=11.00'	JB-02 JUNCTION BOX TYPE F, FDOT INDEX 425-053 TOP EL.=16.00' SE. INV.=10.42' W. INV.=10.42'	CS-1 CONTROL STRUCTURE TYPE C DITCH BOTTOM INLET FDOT INDEX 425-052 TOP EL.=15.50' INV.=10.00'	CS-2 CONTROL STRUCTURE TYPE D DITCH BOTTOM INLET FDOT INDEX 425-052 TOP EL.=15.50' INV.=10.00'
---	---	---	--	--	---	--	---	--	---	---

EXISTING DRAINAGE STRUCTURE DATA

S-414 RELOCATED TO STA. 168+78.71 DITCH BOTTOM INLET TOP OF GRADE=15.50' N. INV.=6.80' S. INV.=6.80' FINAL INVERTS & GRATE EL. TO BE COORDINATED W/ OTHERS
--



PERMITTED DRAWINGS SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT (SWFWMD)
 For construction permits, the Permittee shall notify the District in writing when construction begins.

NO.	DATE	REVISION DESCRIPTION	BY
6	08-26-25	ENLARGE DUMPSTER ENCLOSURE	BTR
5	06-18-25	MOVE UTIL. EASE & ADD "FUTURE" DESIG.	DBH
4	05-19-25	REV. SITE PER CHANGES TO 117th ROW	DBH
3	05-06-25	REV. PARCELS 118, 818 & 117th ROW	DBH
2	04-10-25	SITE & UTILITY REV. PER FINAL COUNTY AGREEMENT	DBH
1	12-15-23	REV. FUT. ROW LINE TO 20', SHIFT SITE 3' EAST REV. STM PIPING & POND, ADD CROSS SECTIONS ADD PERM POOL VOL. NOTE	DBH

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 Civil Engineering and Land Development Consulting
 9901 Professional Parkway East, Suite 101, Sarasota, Florida 34240 | C.A.28790 941-444-6644 | www.morrisengineering.com

DATE	01-02-23
PROJECT	SWIFT SELF STORAGE
DRAWING	06-SSS P02
DRAWN	DBH
CHECKED	MJM

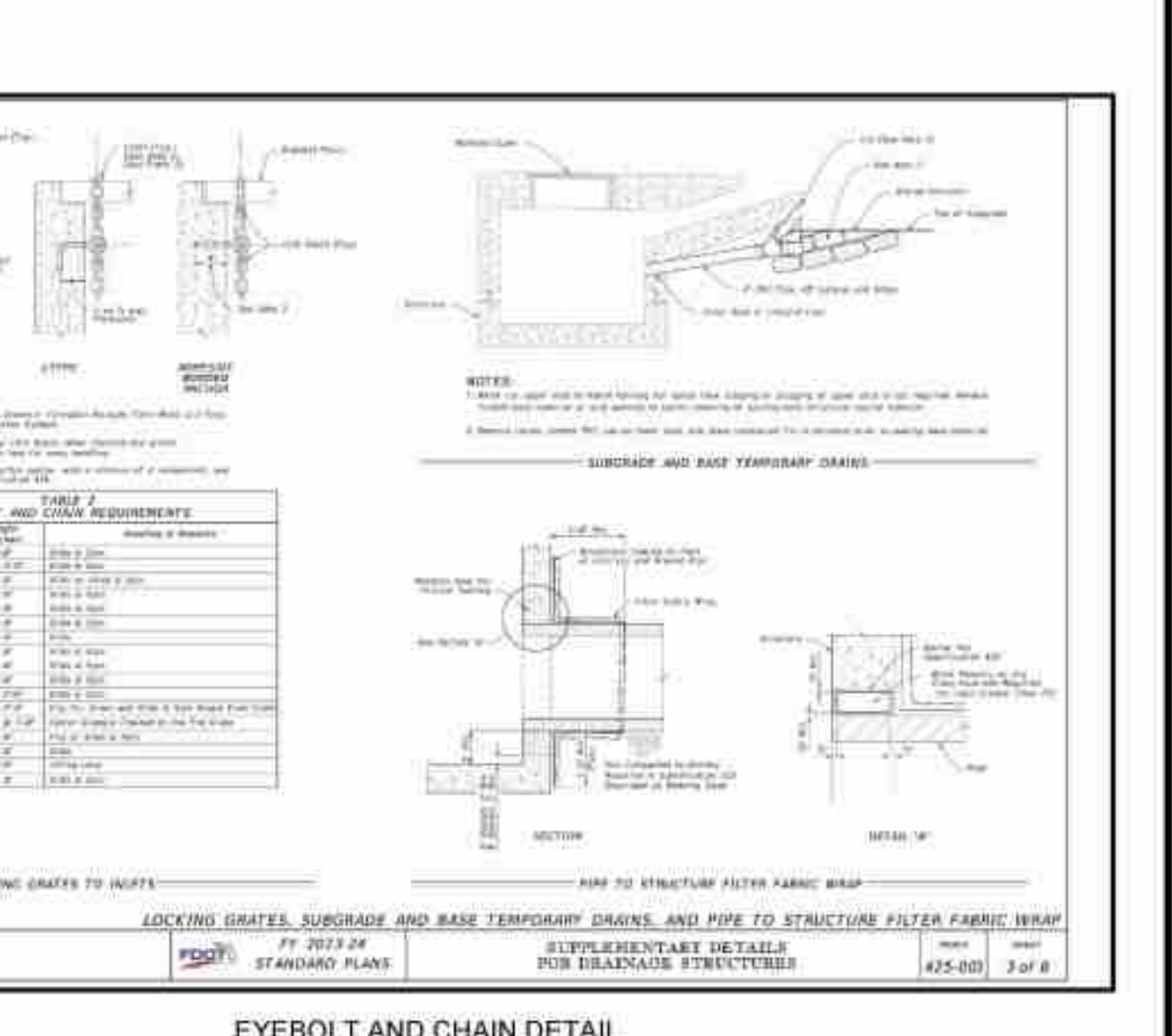
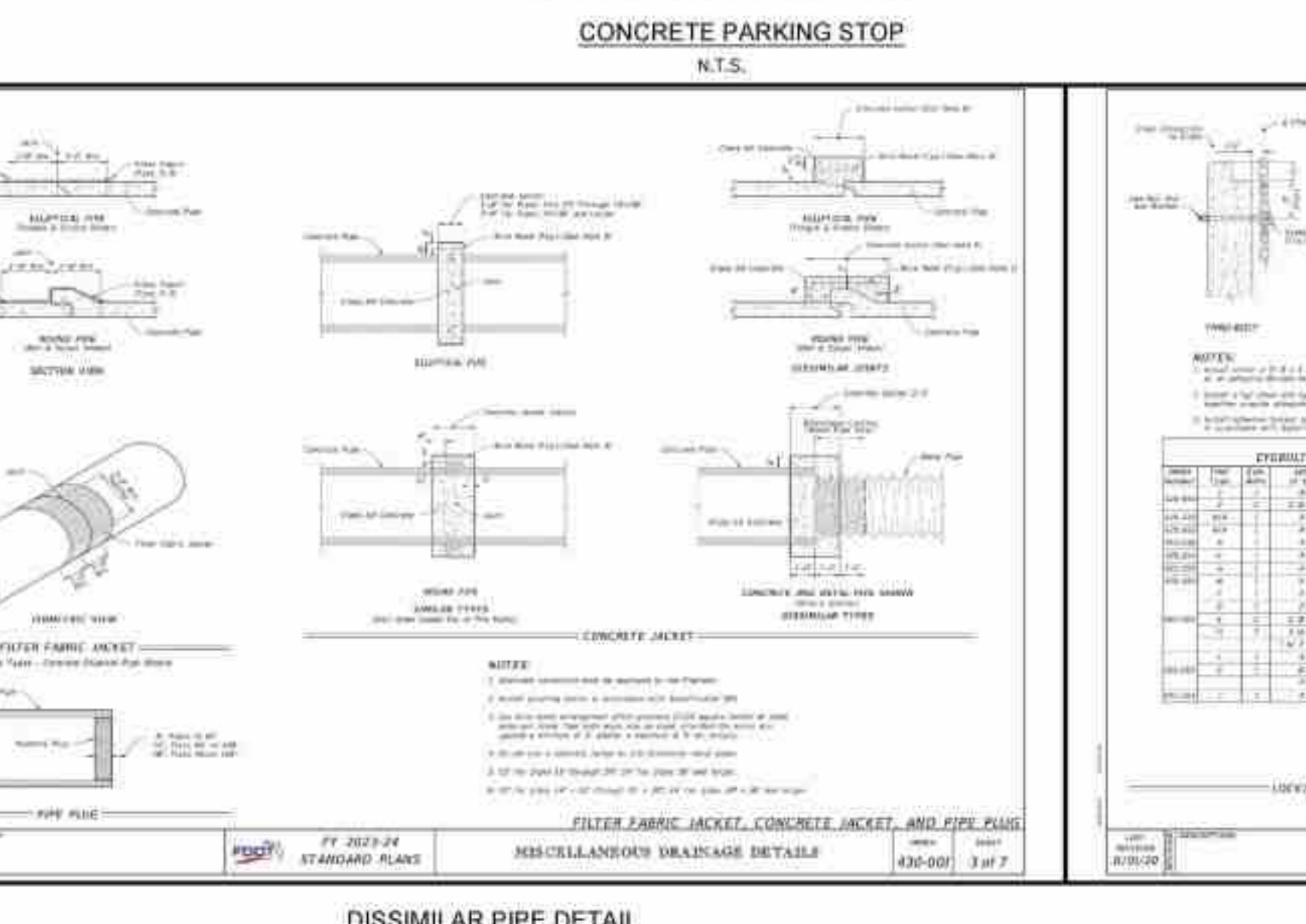
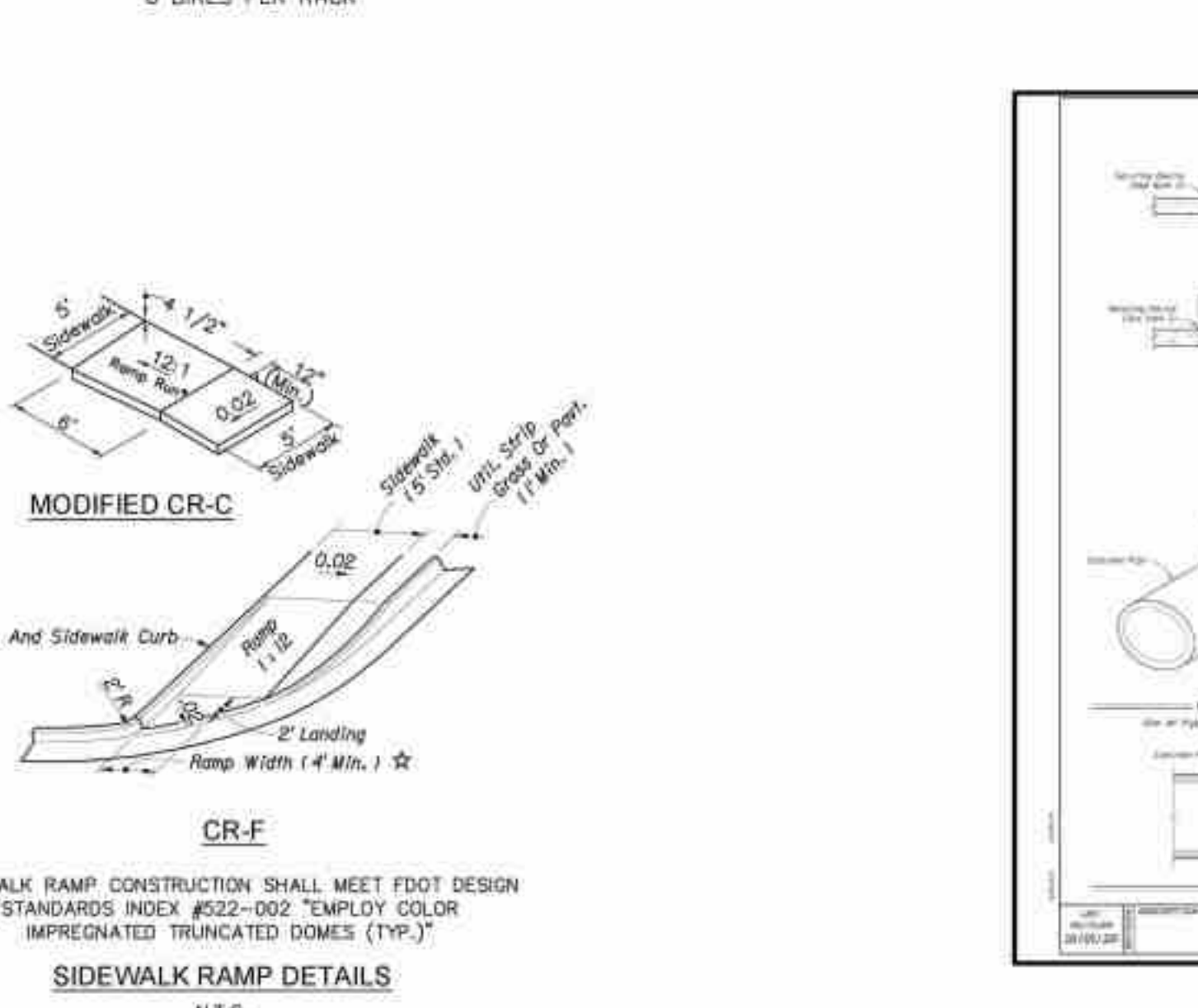
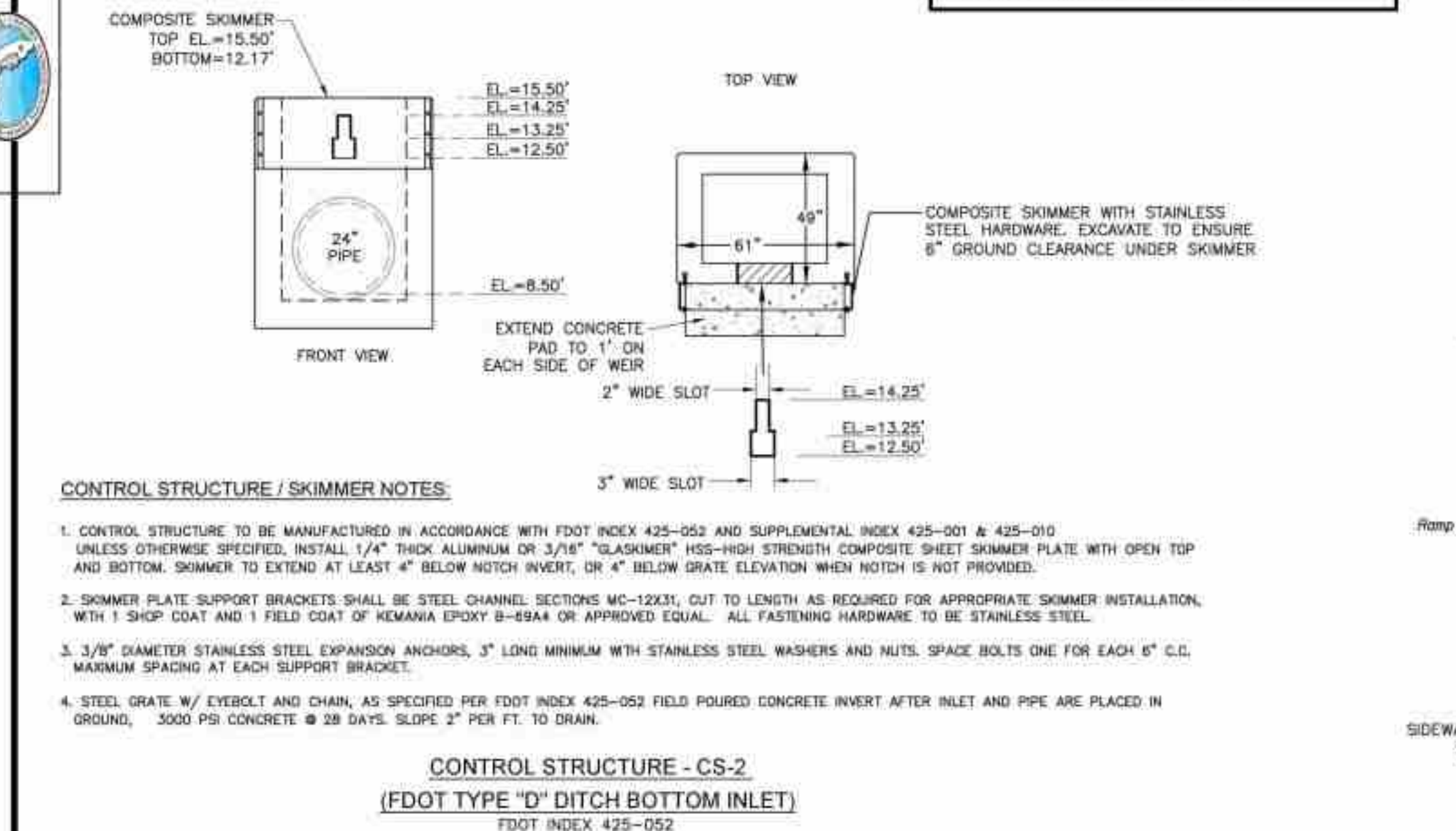
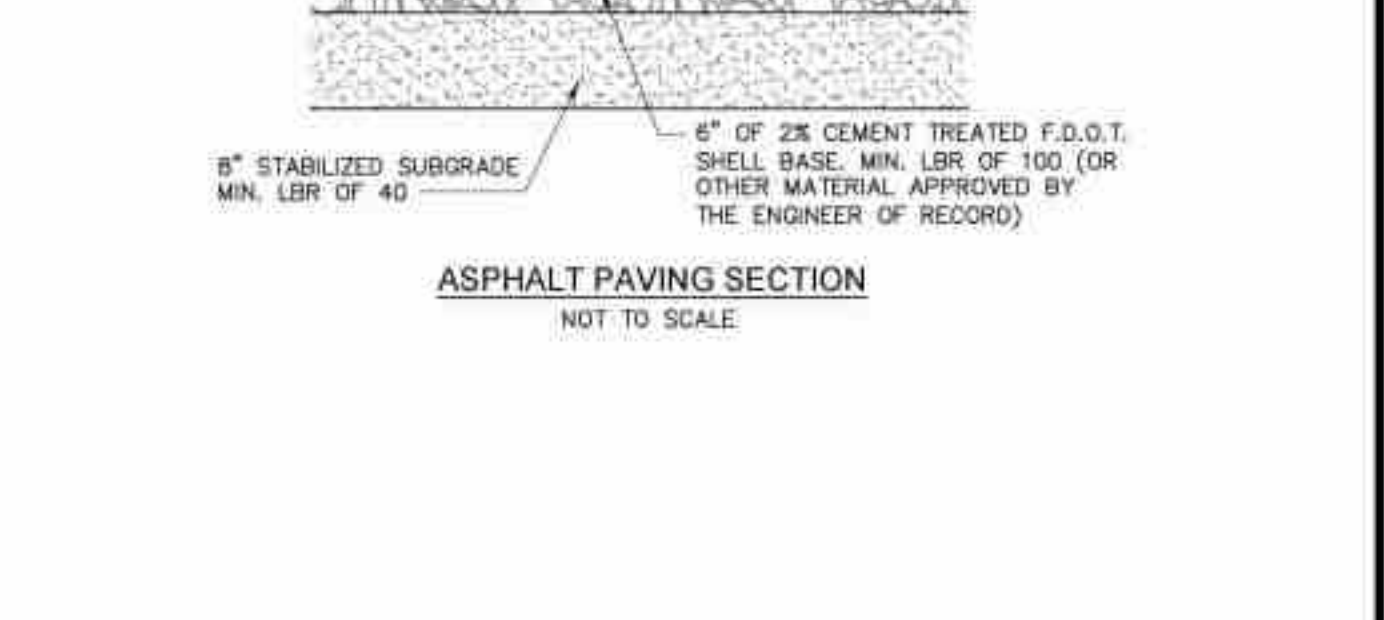
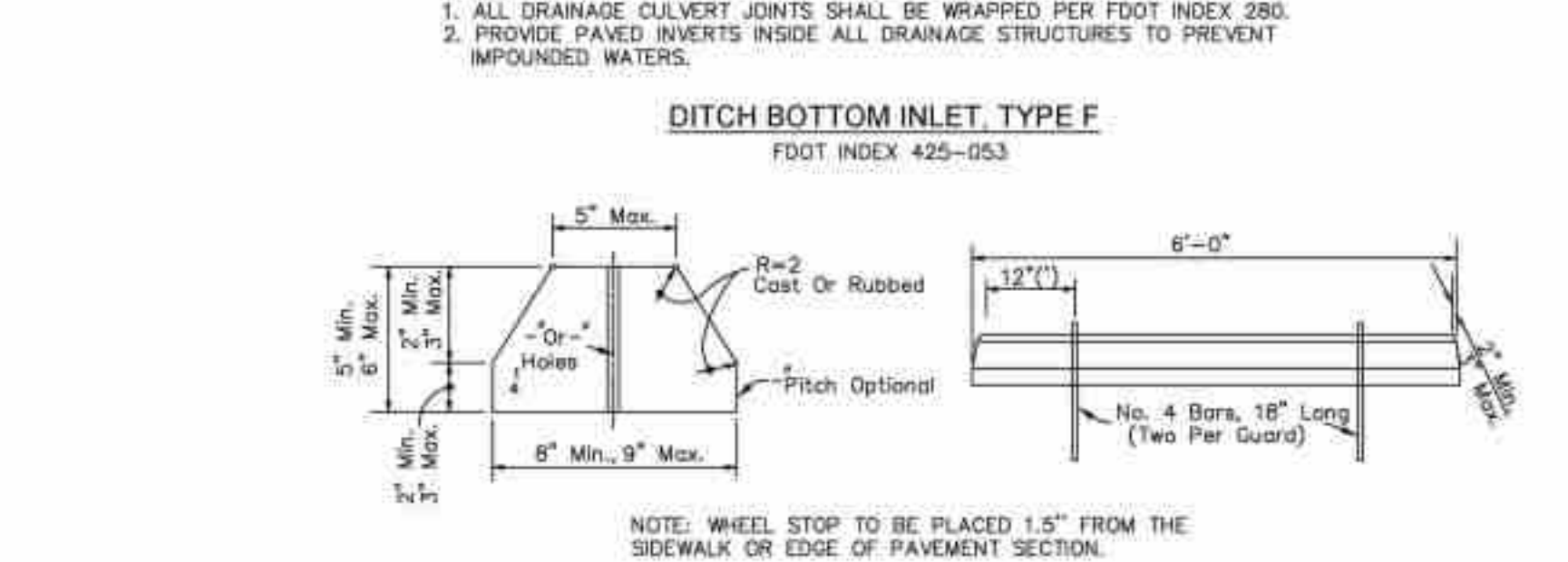
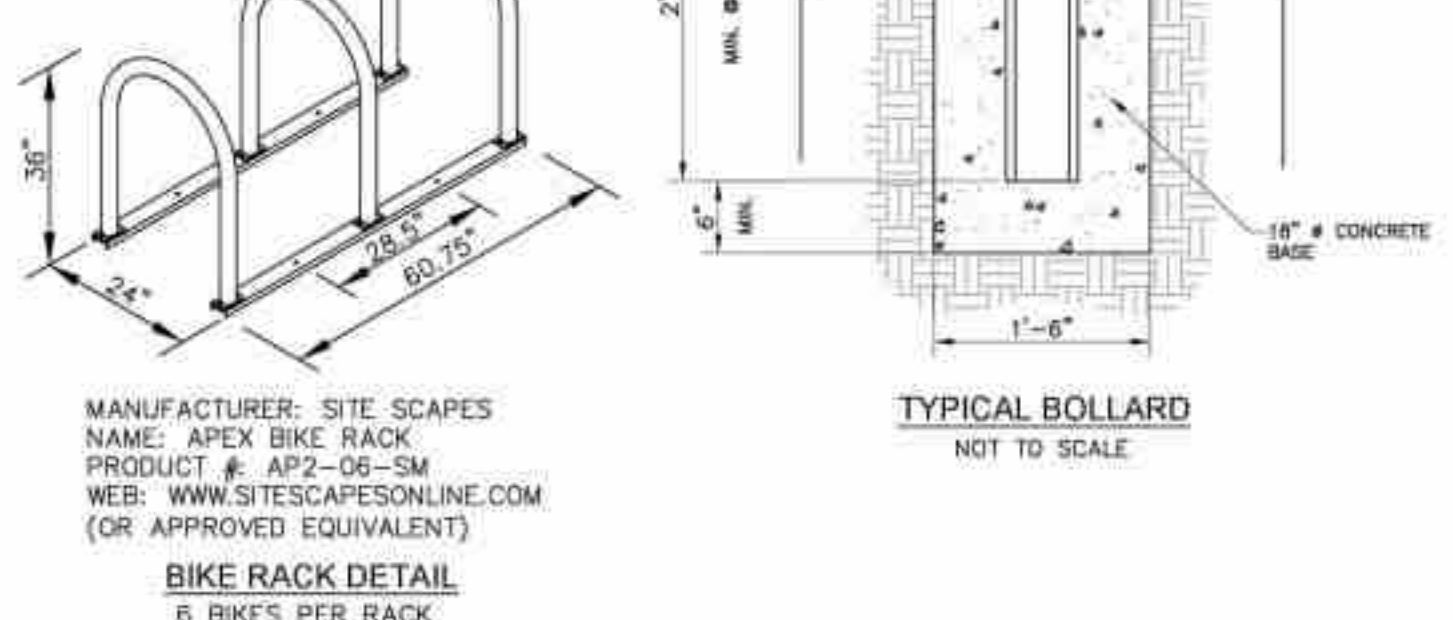
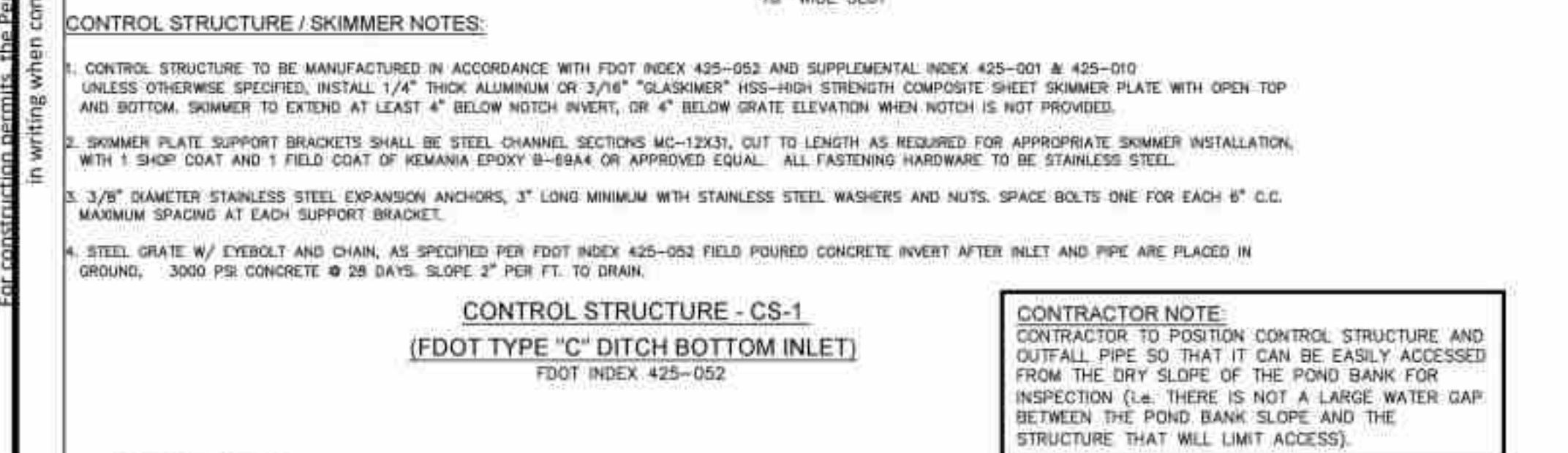
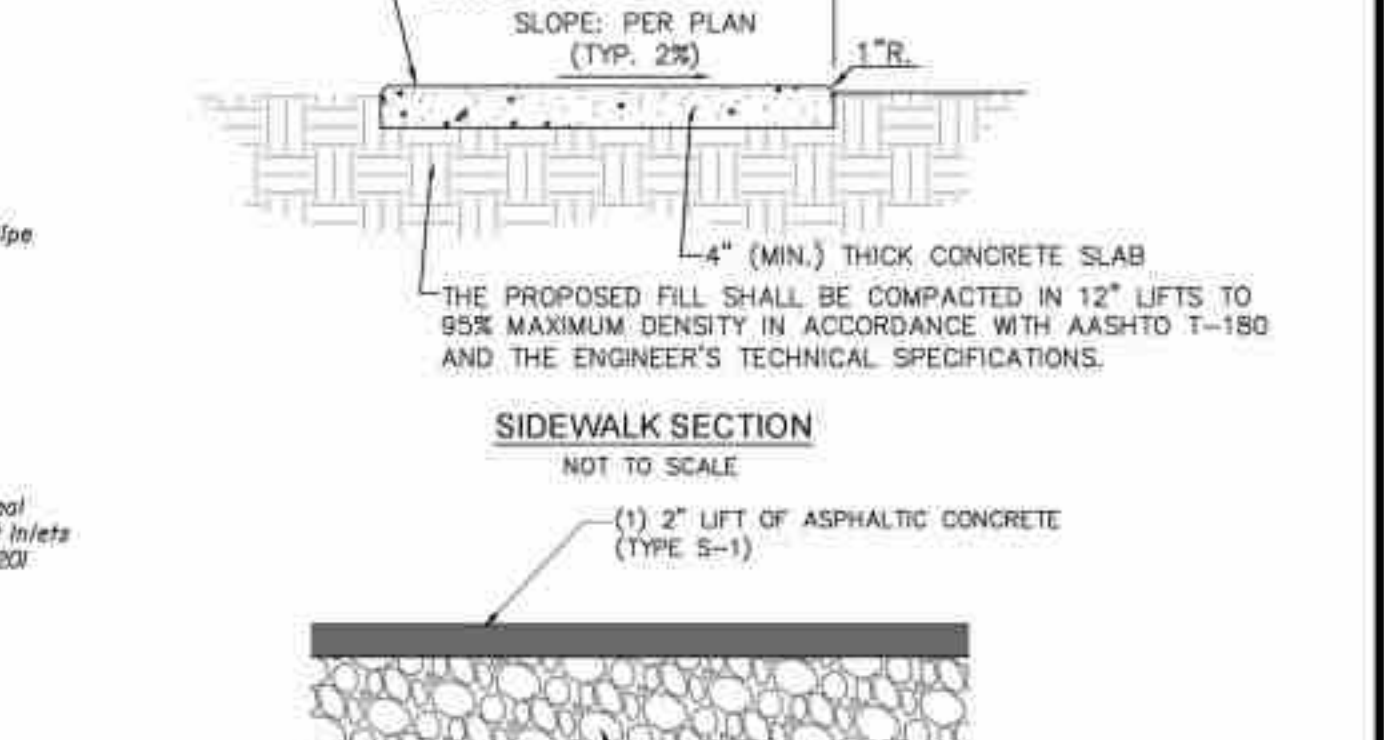
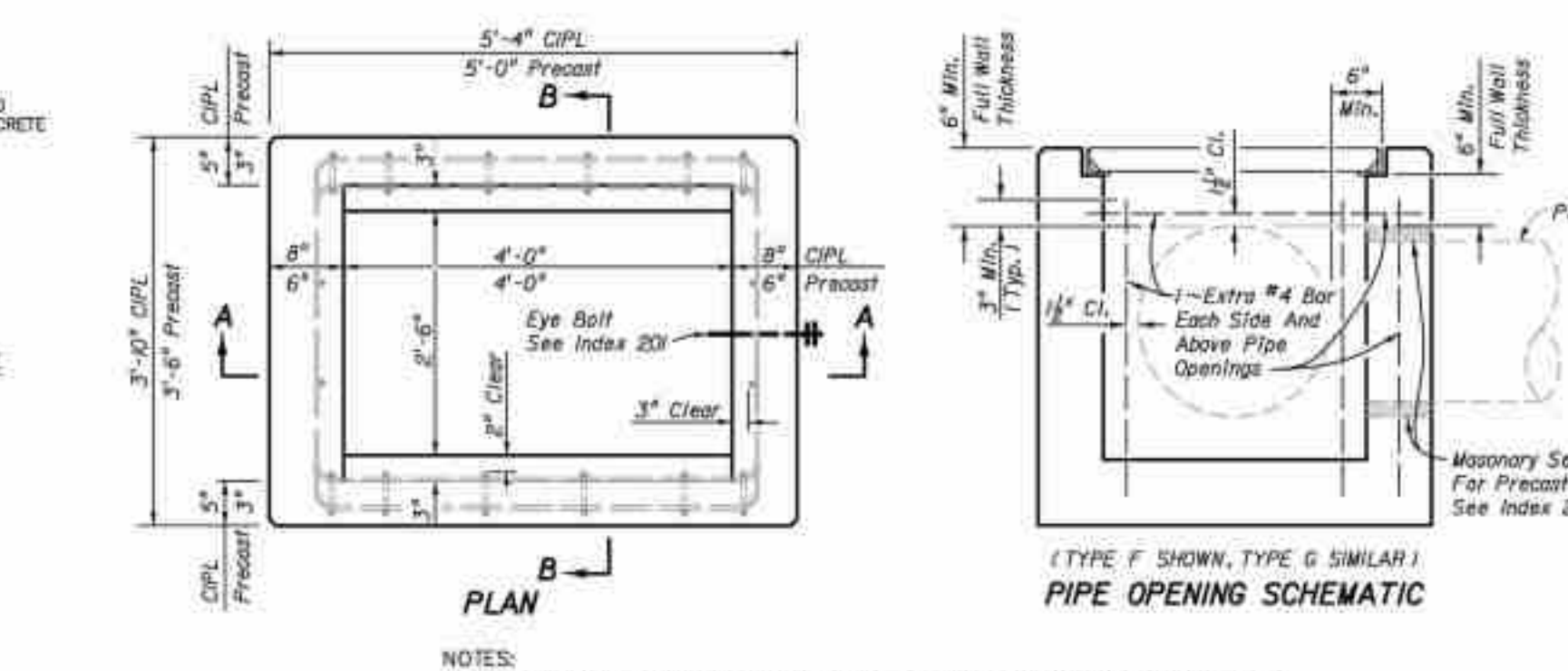
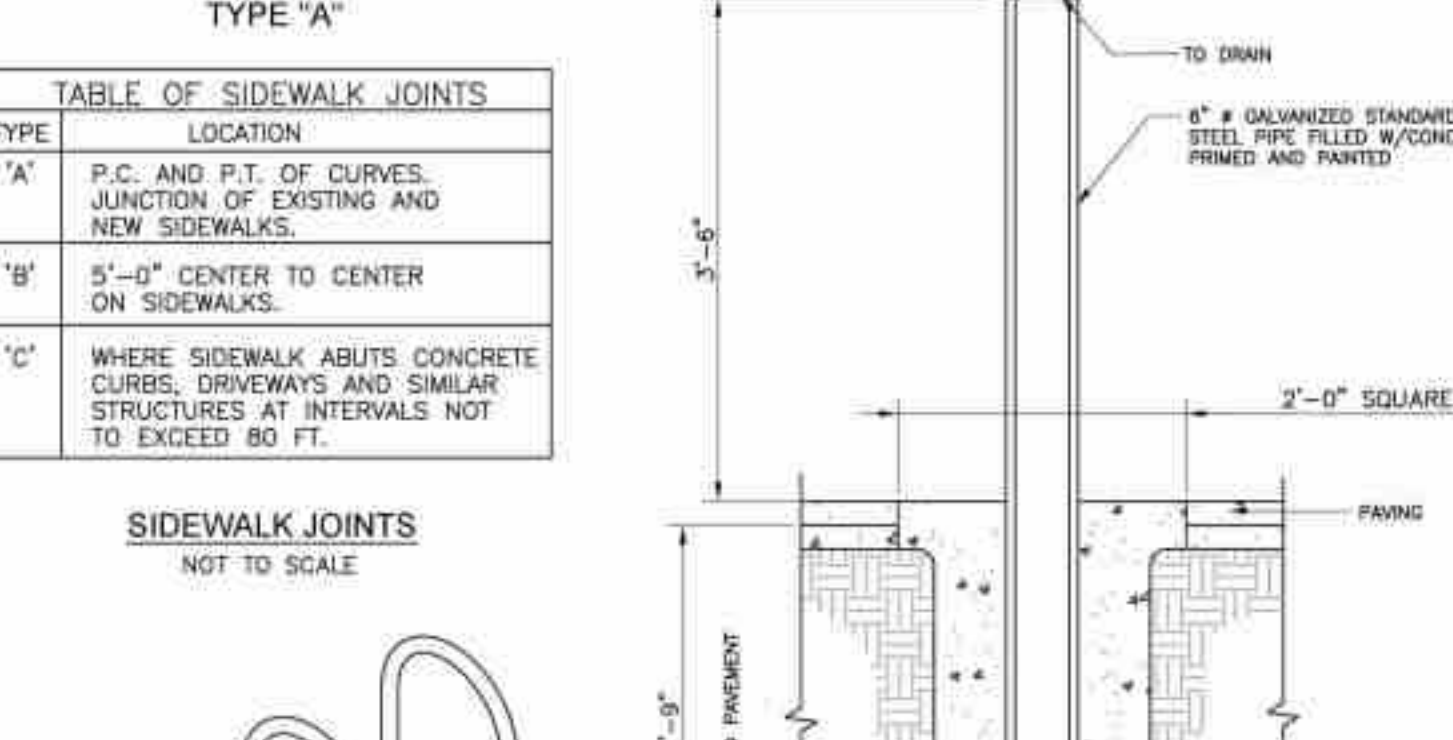
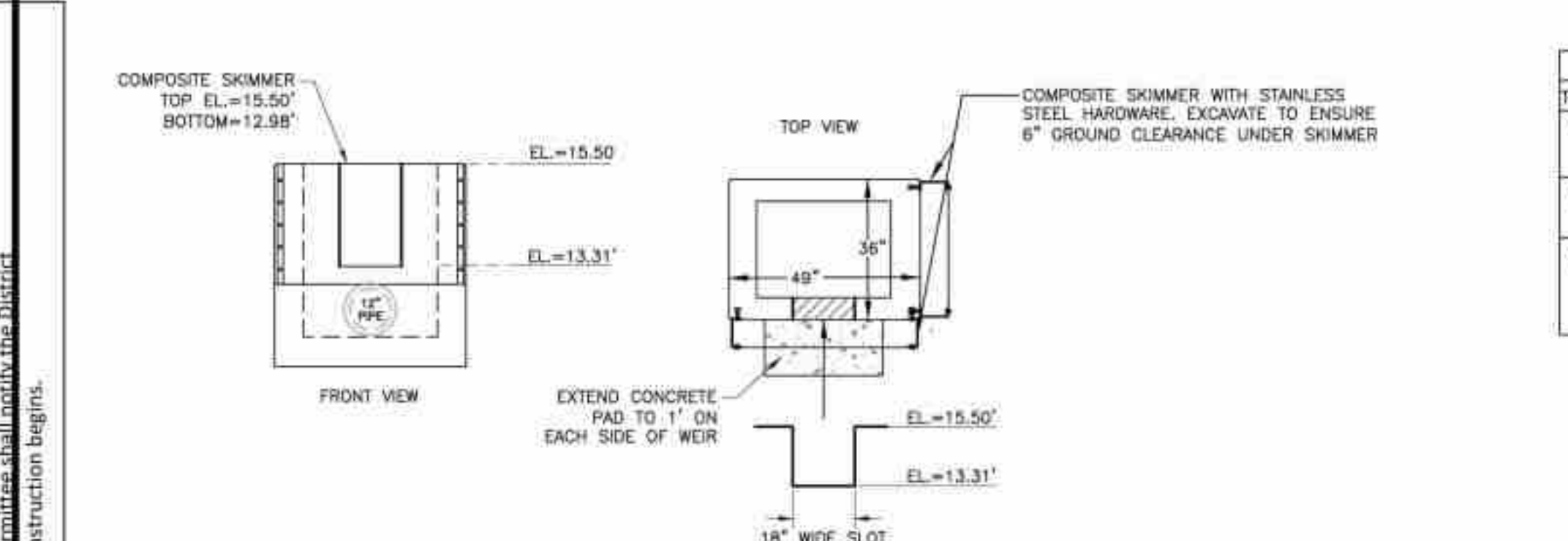
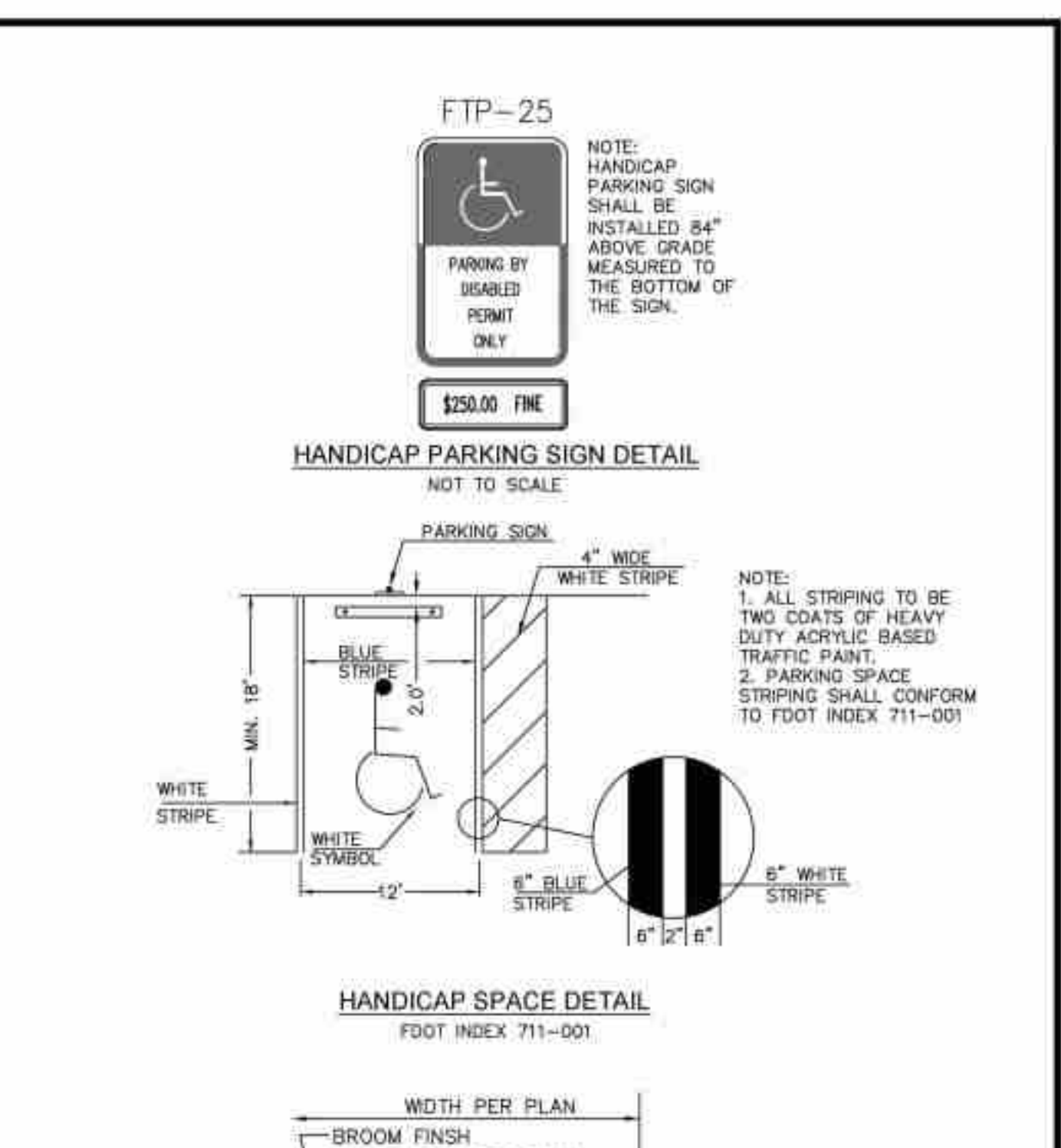
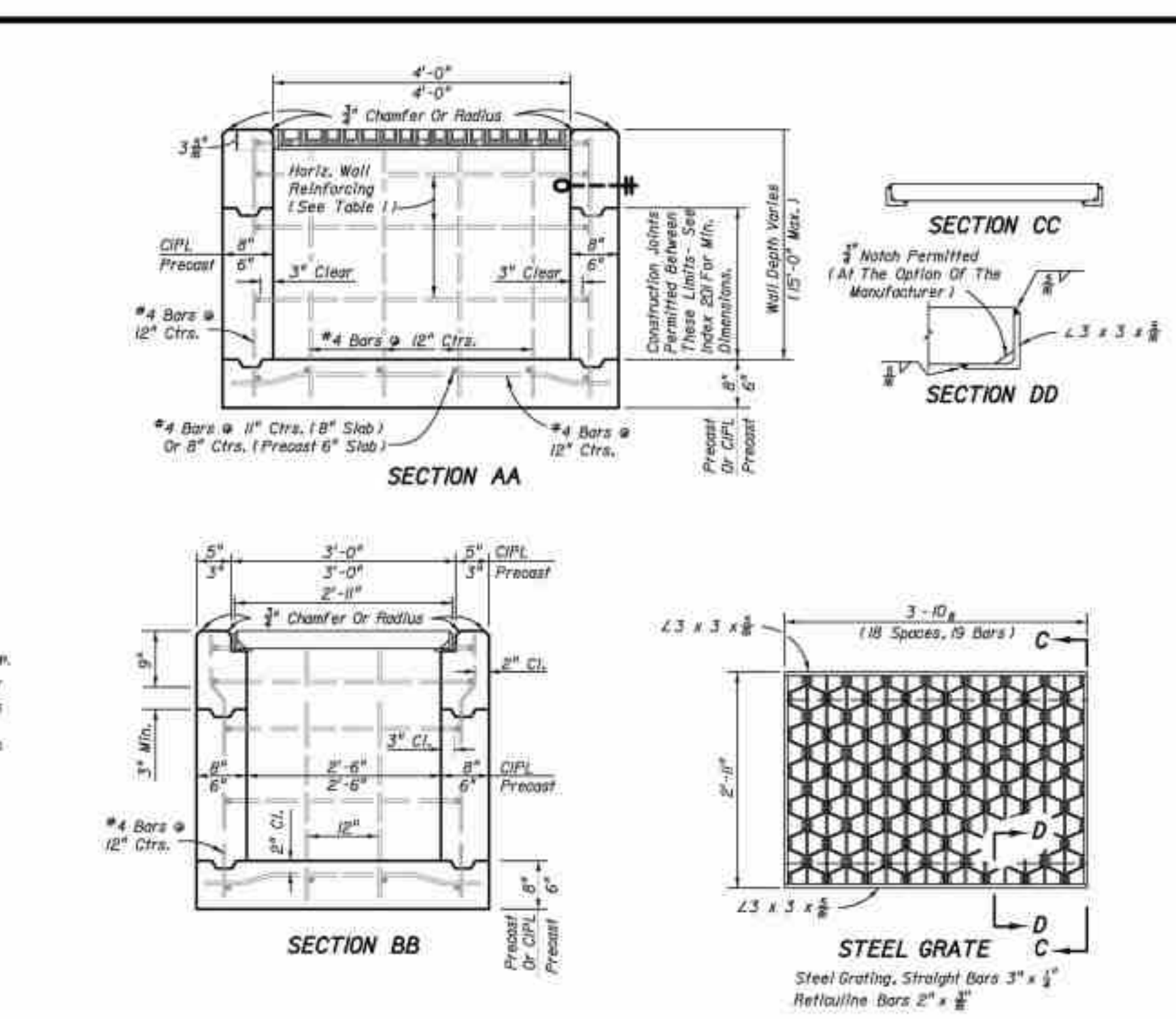
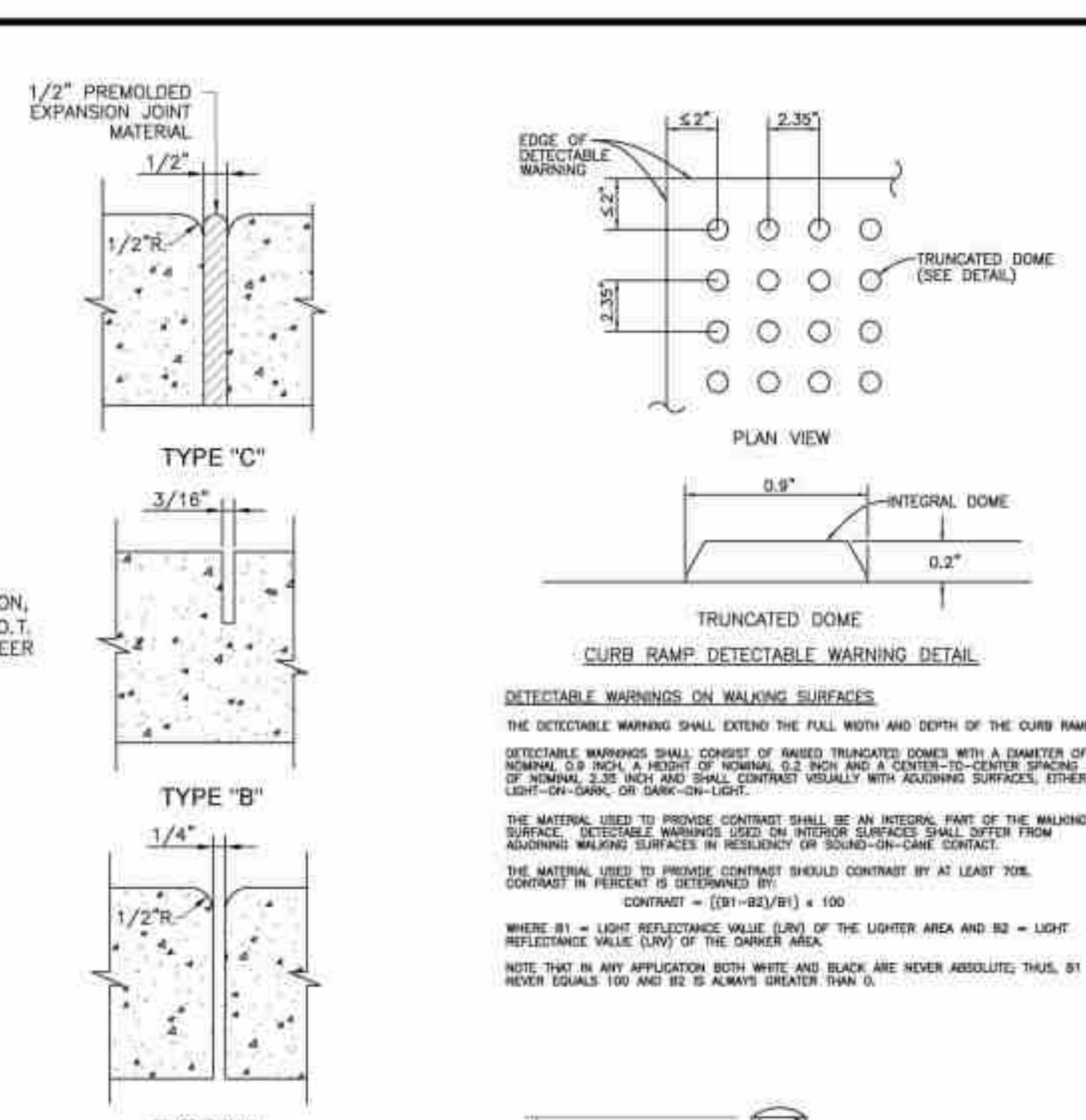
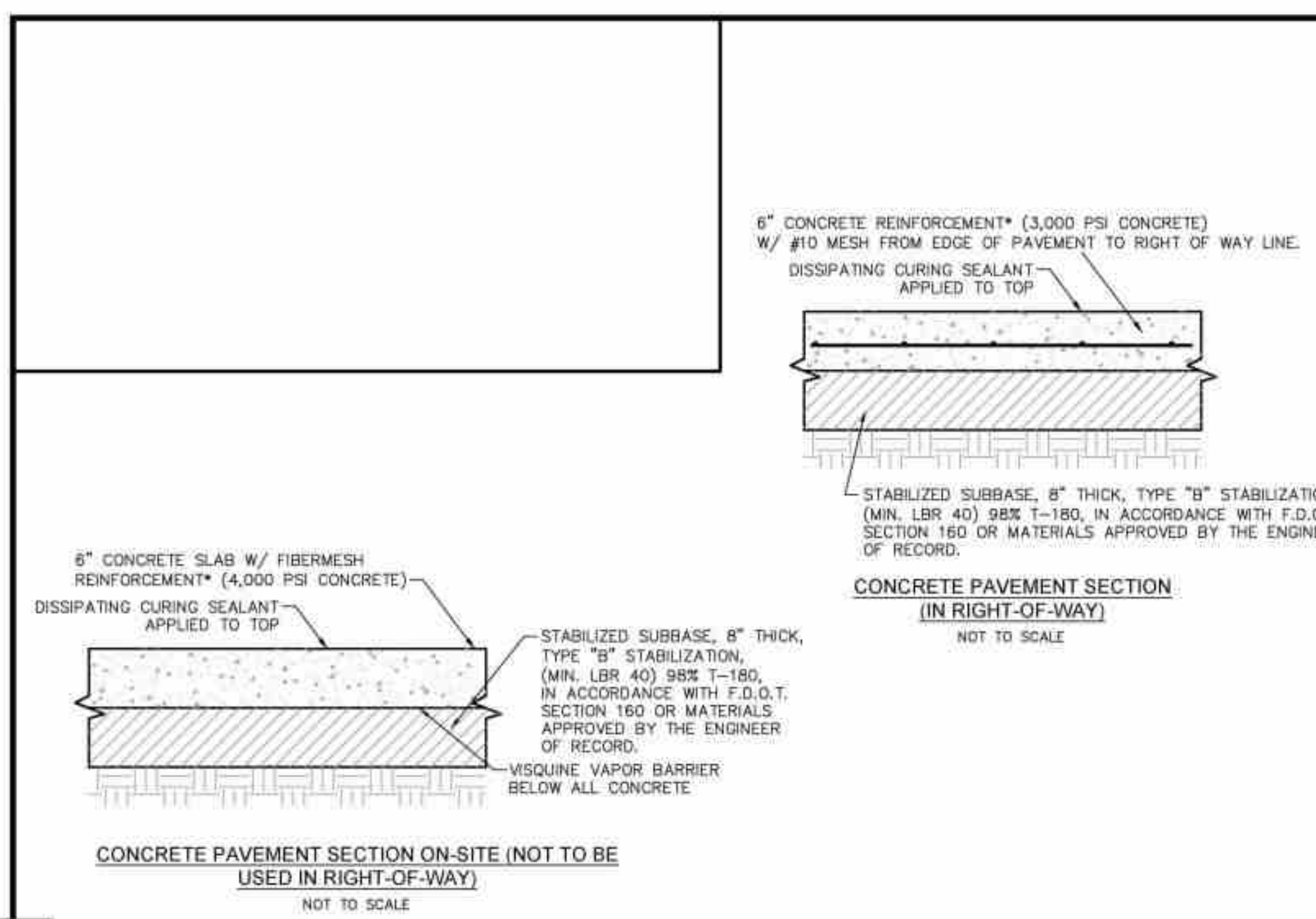
PAVING, GRADING & DRAINAGE PLAN
SWIFT SELF-STORAGE
 MANATEE COUNTY, FLORIDA

Brett T. Rocklein, P.E., State of Florida, Professional Engineer,
 License No. 88736. This item has been digitally signed and sealed by Brett T. Rocklein, P.E. on the date indicated here.
 Signature must be verified on any electronic copies.

SCALE	1"=30'
SEC. - TSP. - RING.	20-345-196
SHEET	6
OF	12

BRETT T. ROCKLEIN
 FL LICENSE NO. 88736

PERMITTED DRAWINGS SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT (SWFWMD)
 For construction permits, the Permittee shall notify the District in writing when construction begins.



NO.	DATE	REVISION DESCRIPTION	BY
2	05/19/25	ADD INSIDE ROW CONC. PAVE. DETAIL	DBH
1	01/19/24	REV. CONTROL STRUCTURES PER UPDATED STORM MODEL	BITR

DATE: 03-23-23

PROJECT: SWIFT SELF STORAGE

DRAWING: 08-SSS P00 DT

DRAWN: DBH

CHECKED: MJM

MORRIS ENGINEERING AND CONSULTING, LLC
Civil Engineering and Land Development Consulting
1901 Professional Parkway East, Suite 103, Sarasota, Florida 34230 C.A. 28790 941-444-6044 www.morriseng.com

PAVING, GRADING, AND DRAINAGE DETAILS
SWIFT SELF-STORAGE
MANATEE COUNTY, FLORIDA

Brett T. Rocklein, P.E., State of Florida, Professional Engineer, License No. 88736. This item has been digitally signed and sealed by Brett T. Rocklein, P.E. on the date indicated here. Signature must be verified on any electronic copies.

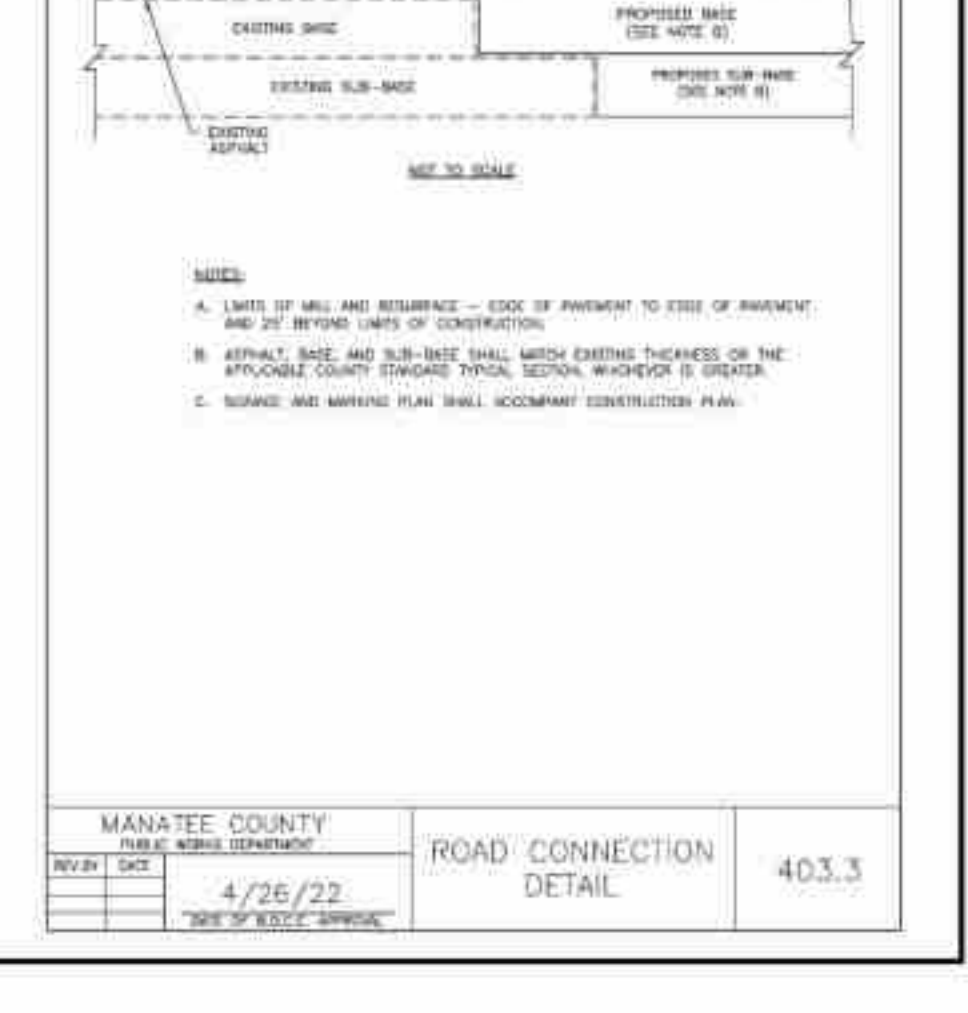
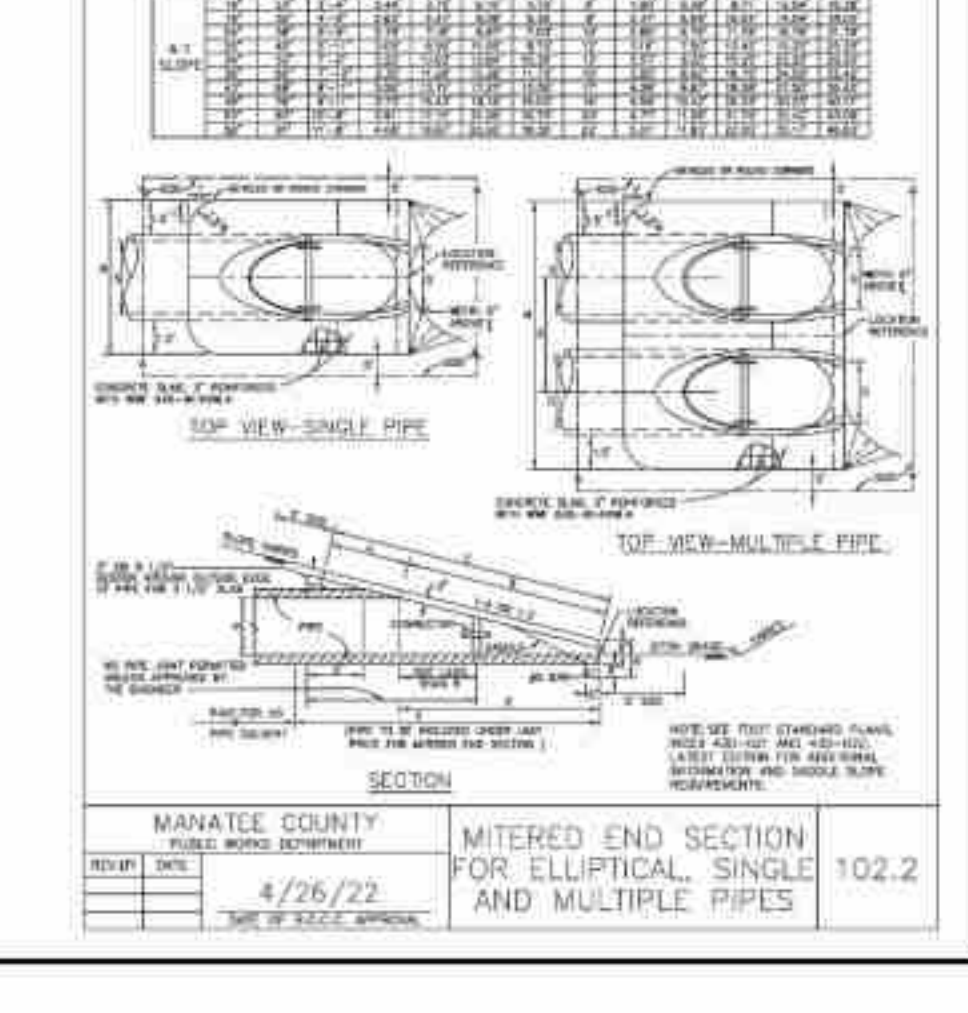
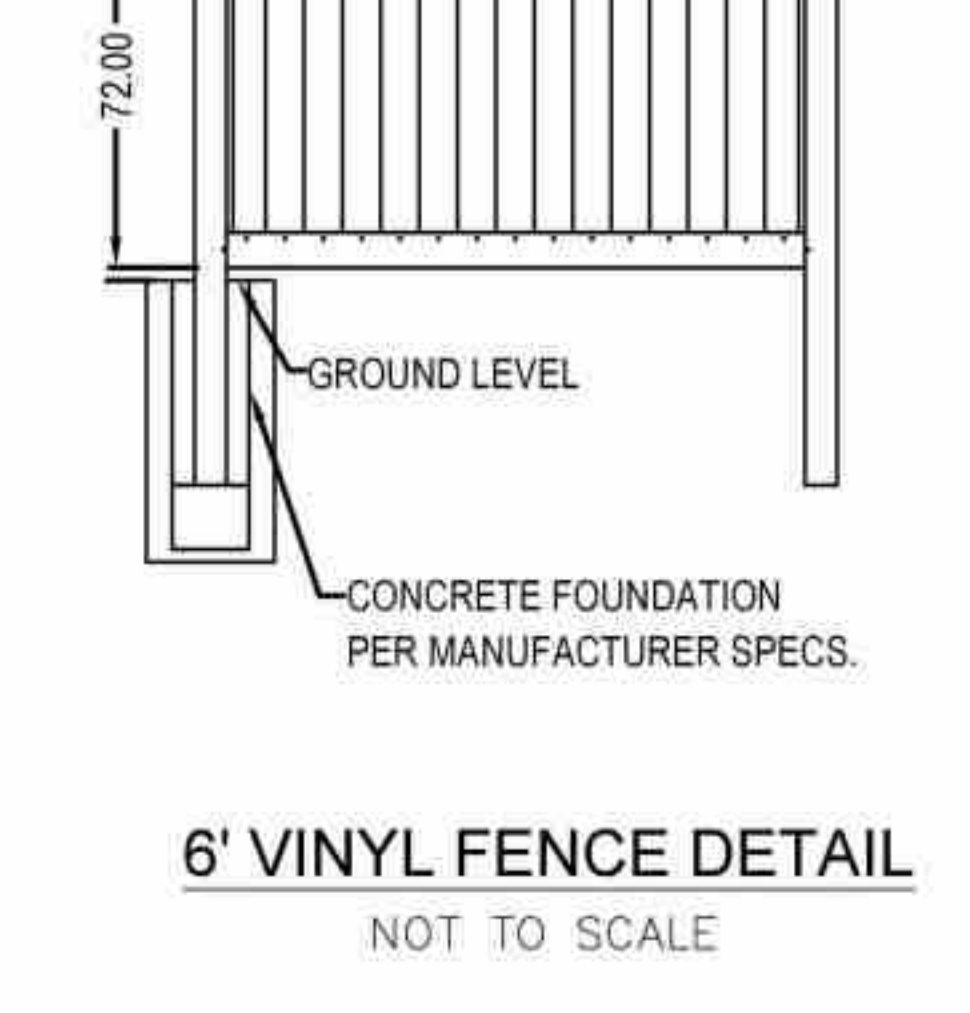
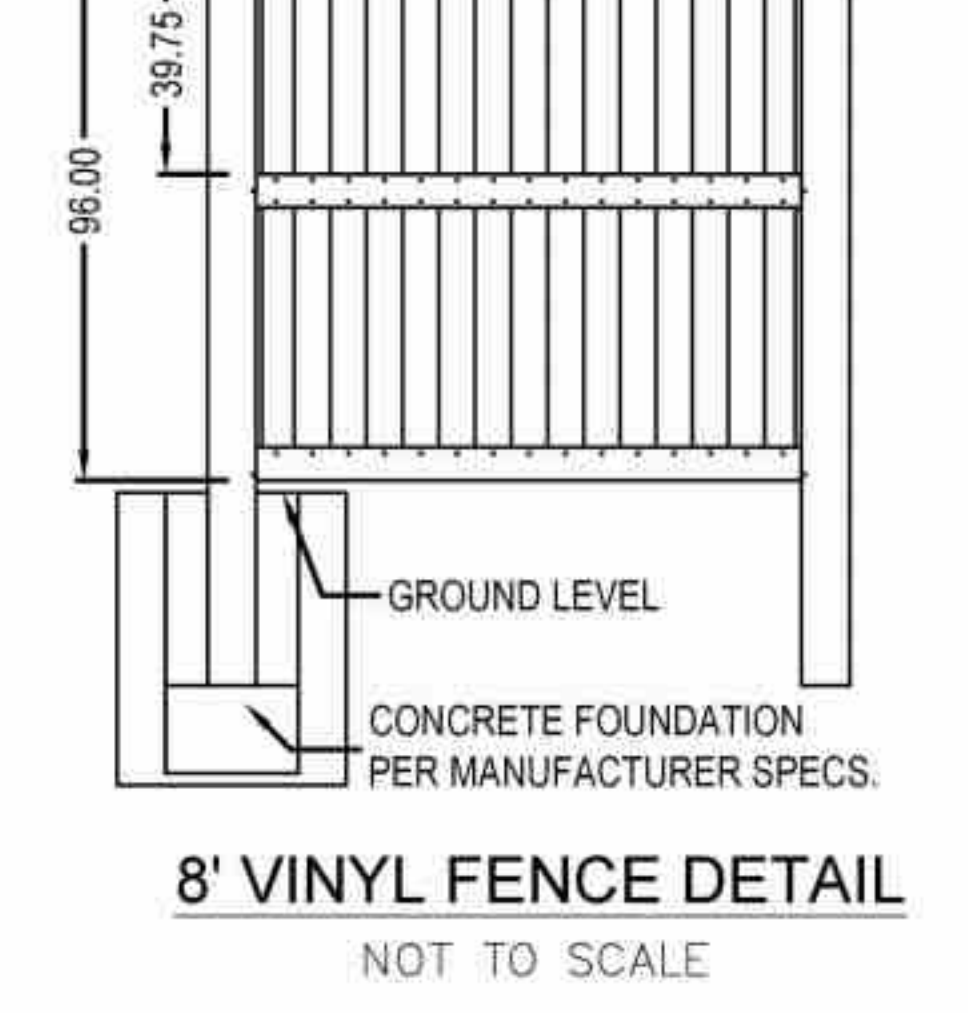
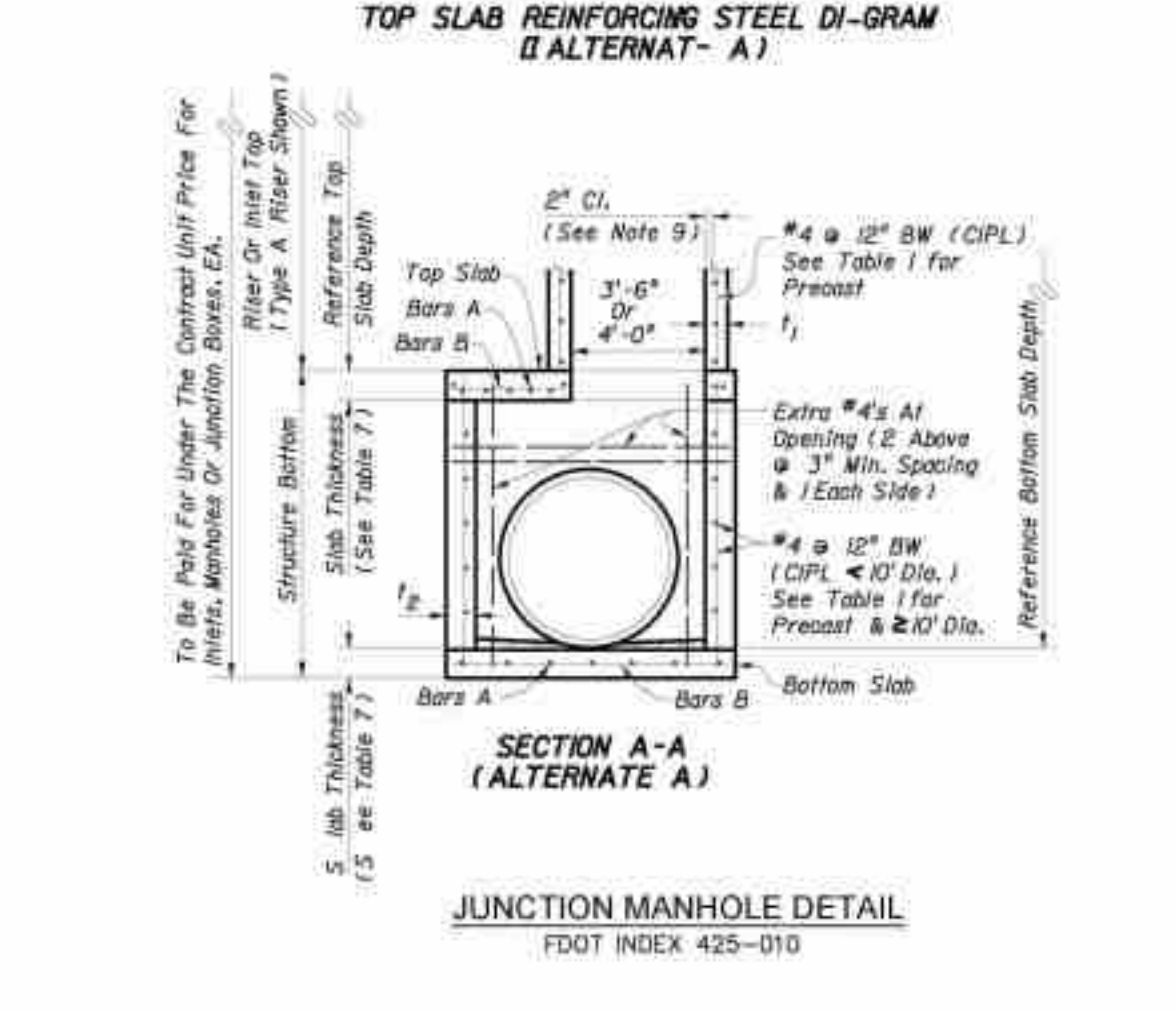
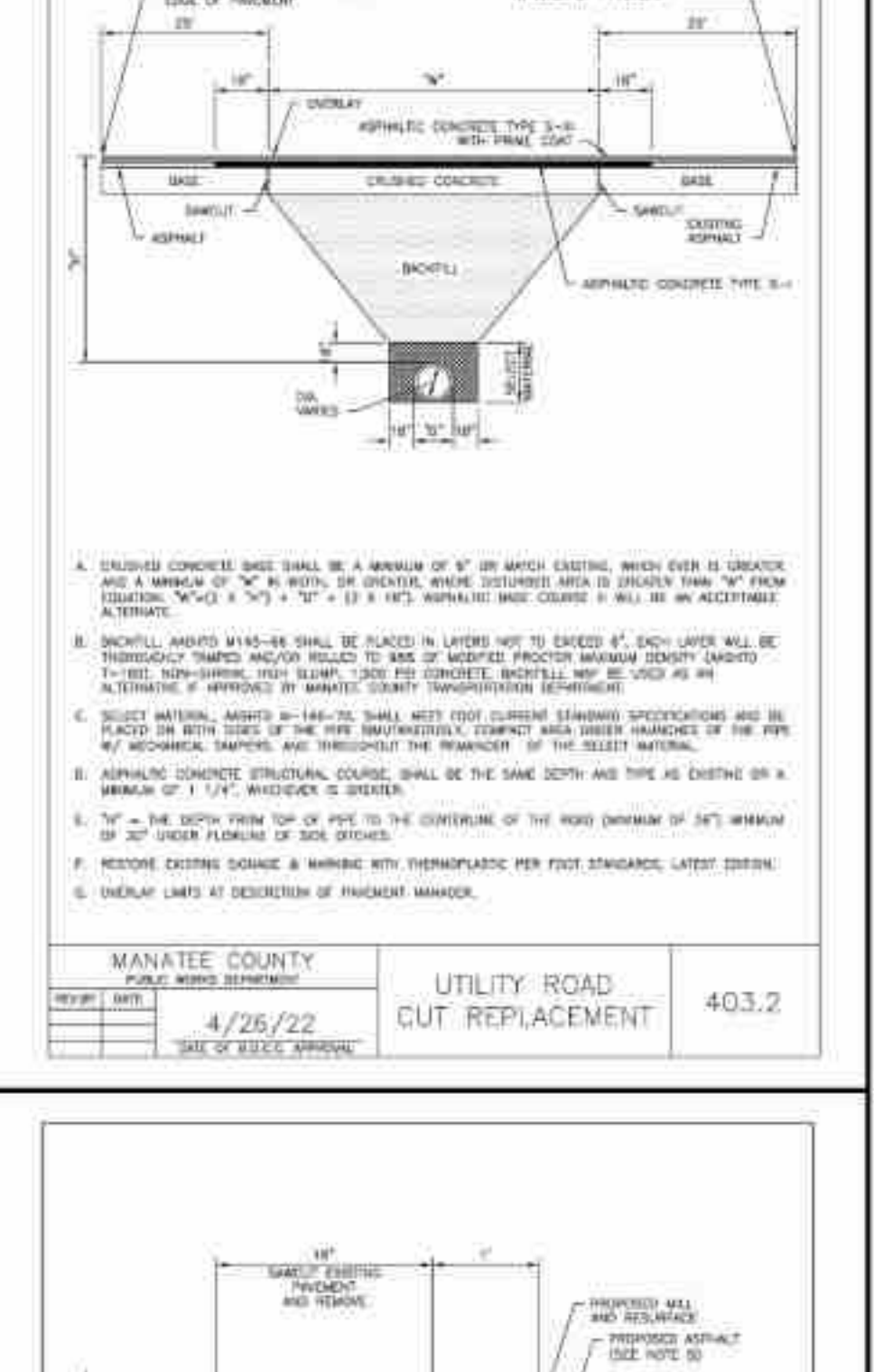
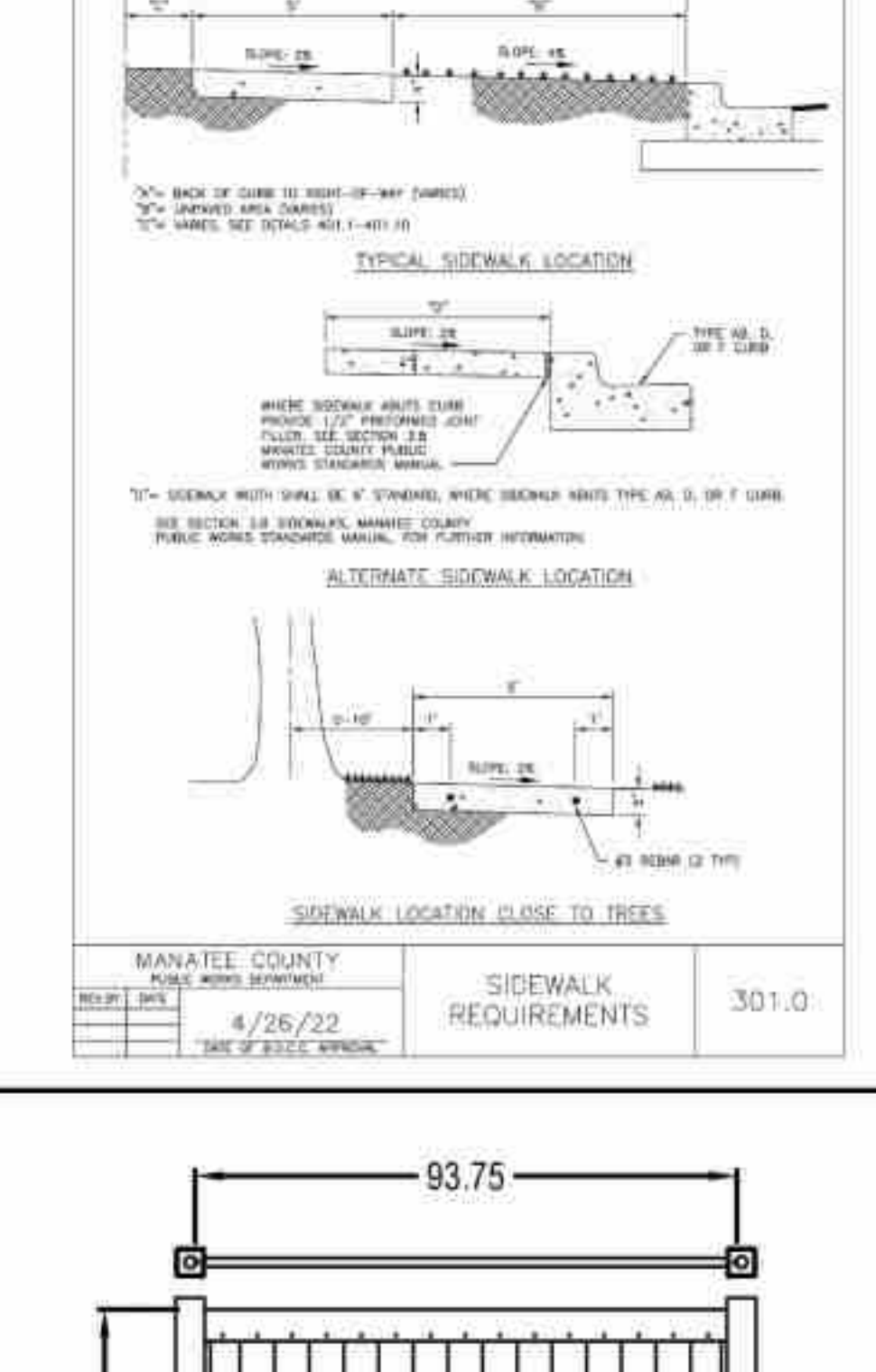
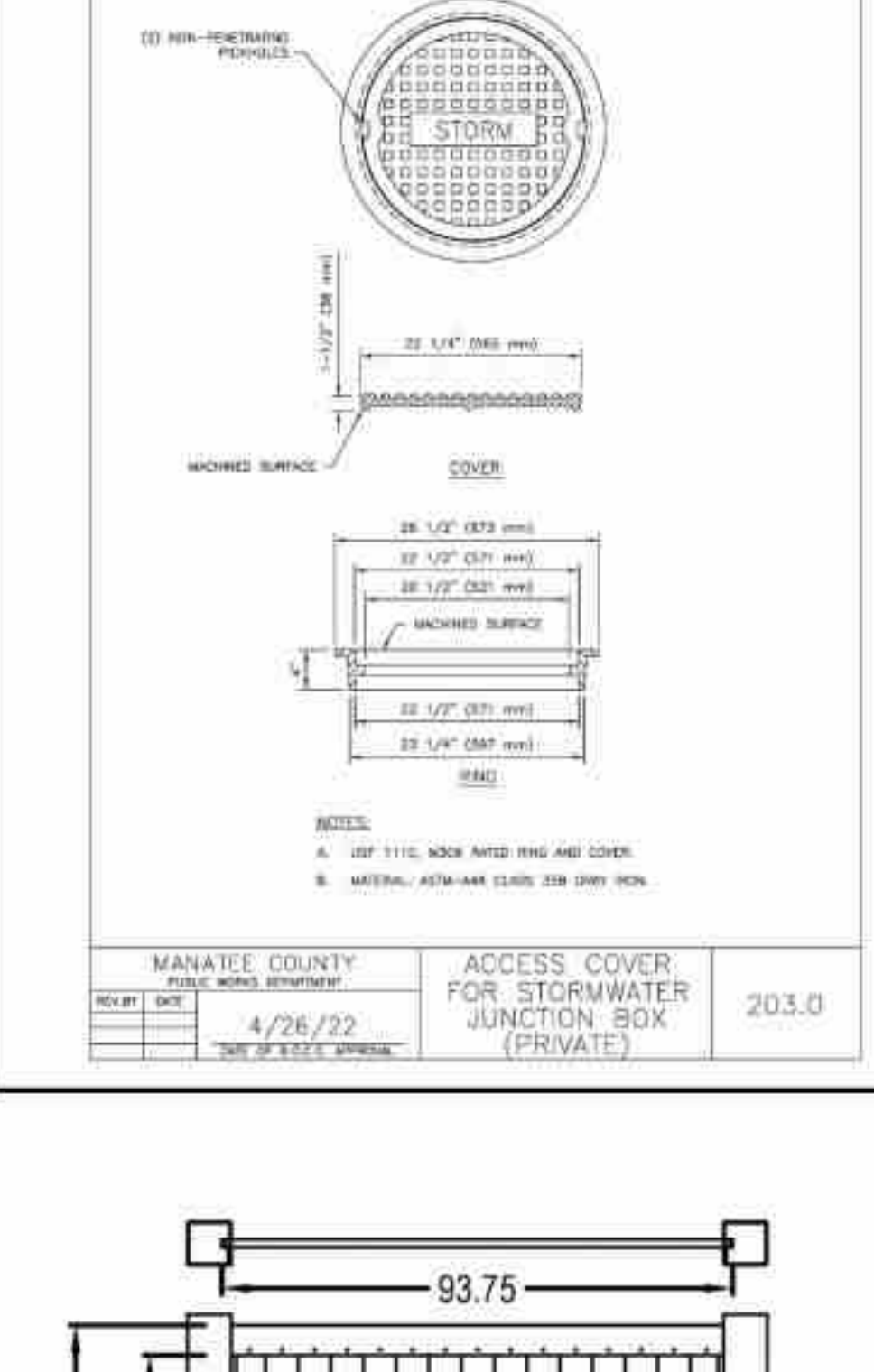
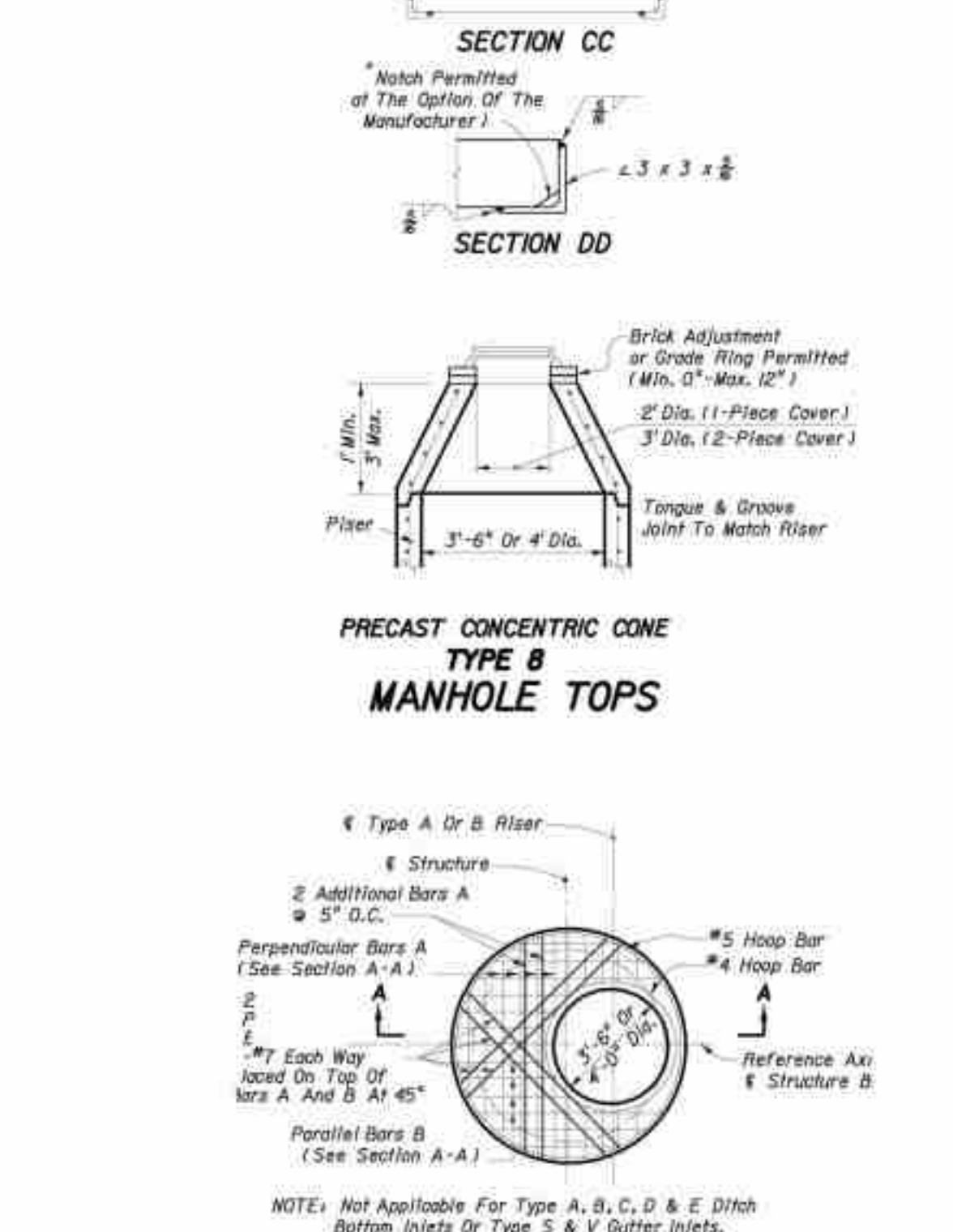
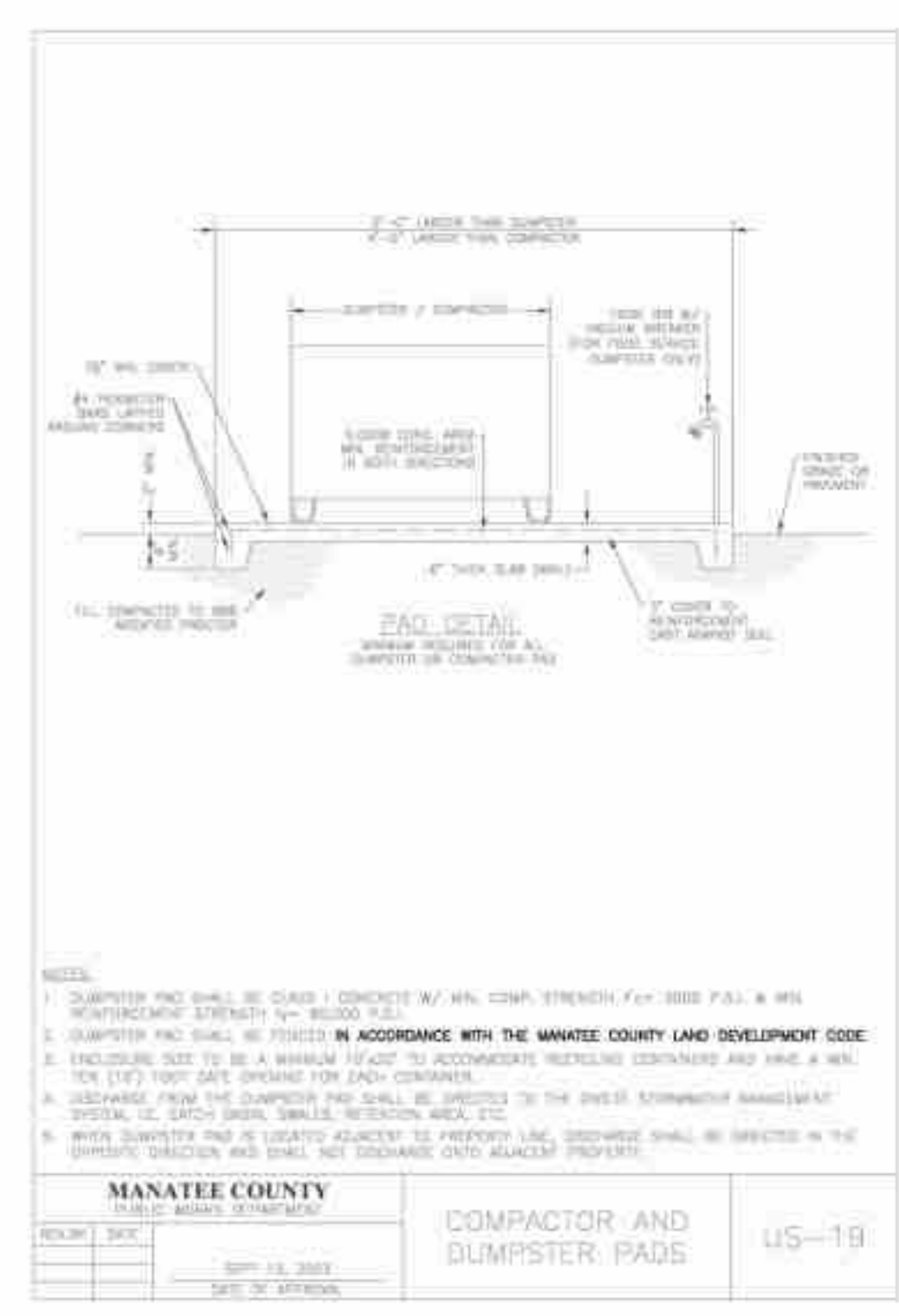
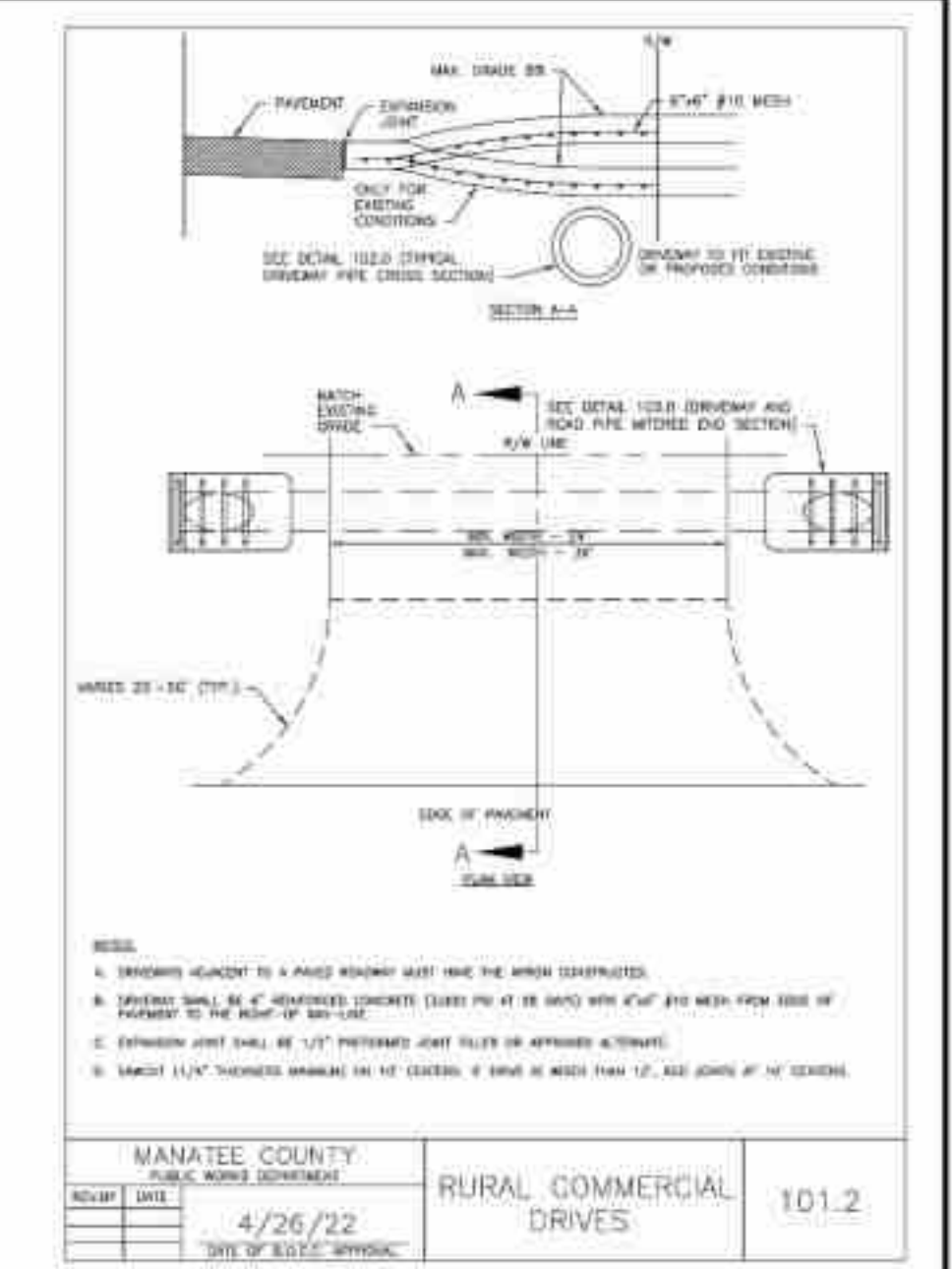
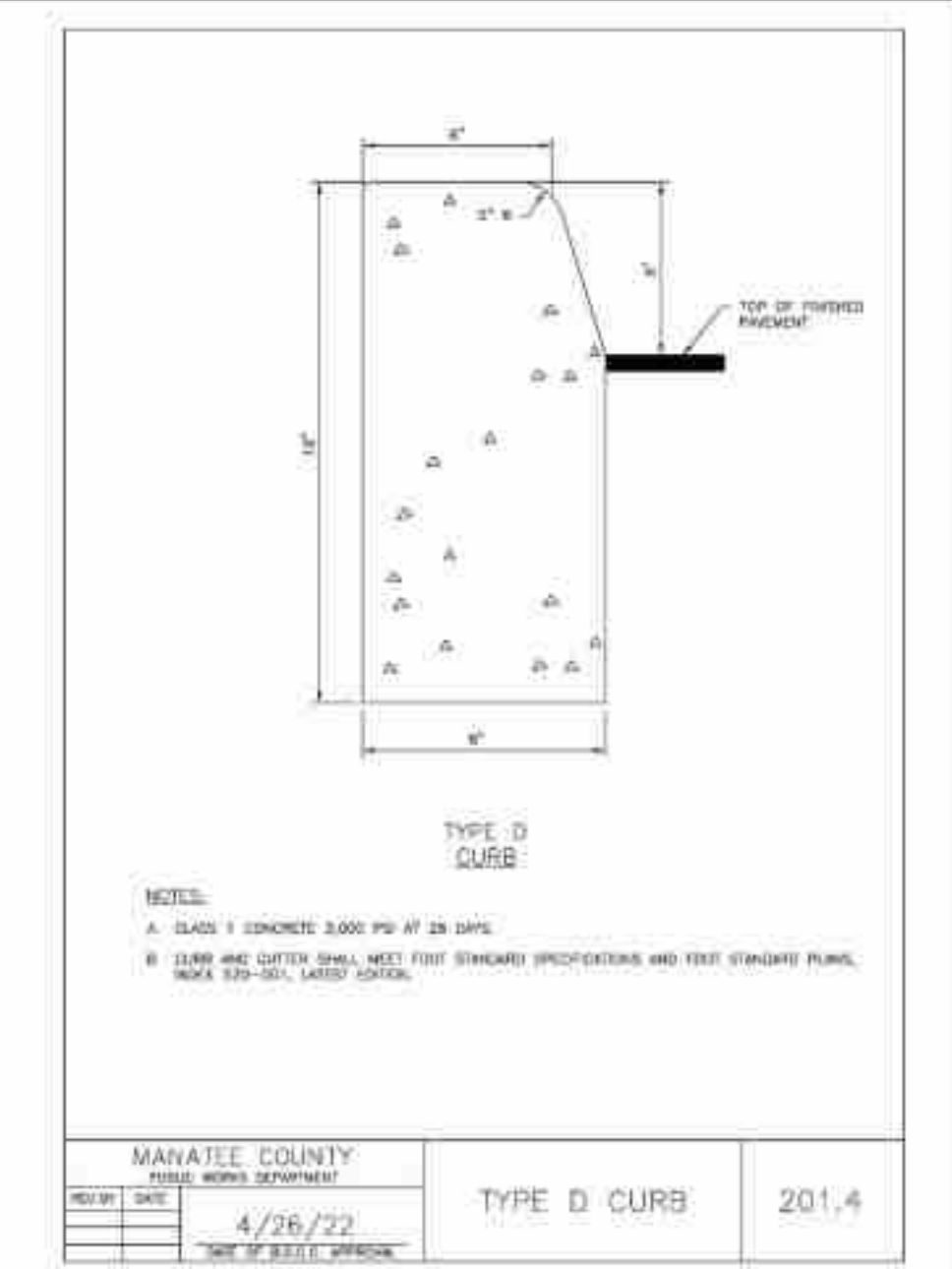
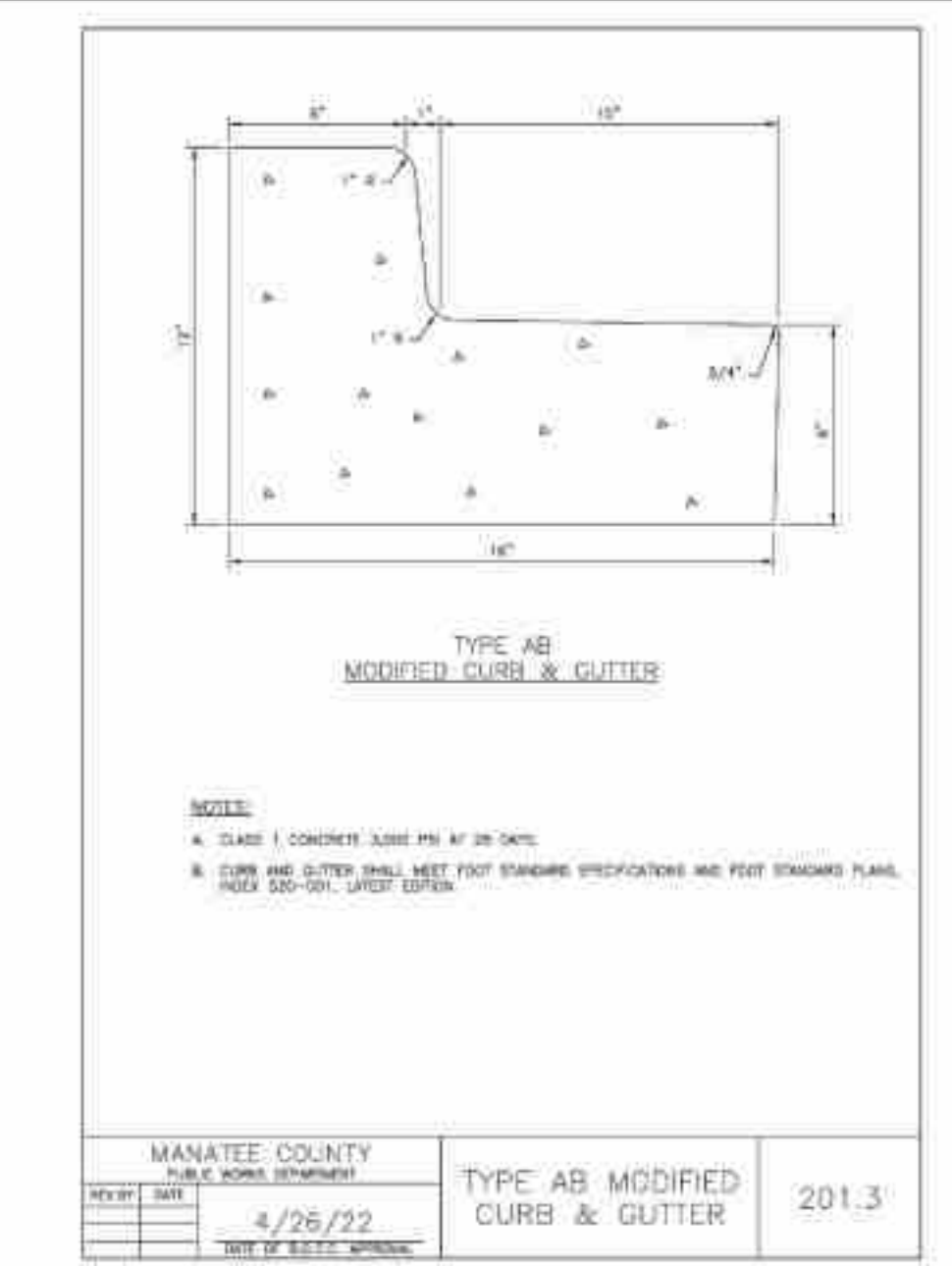
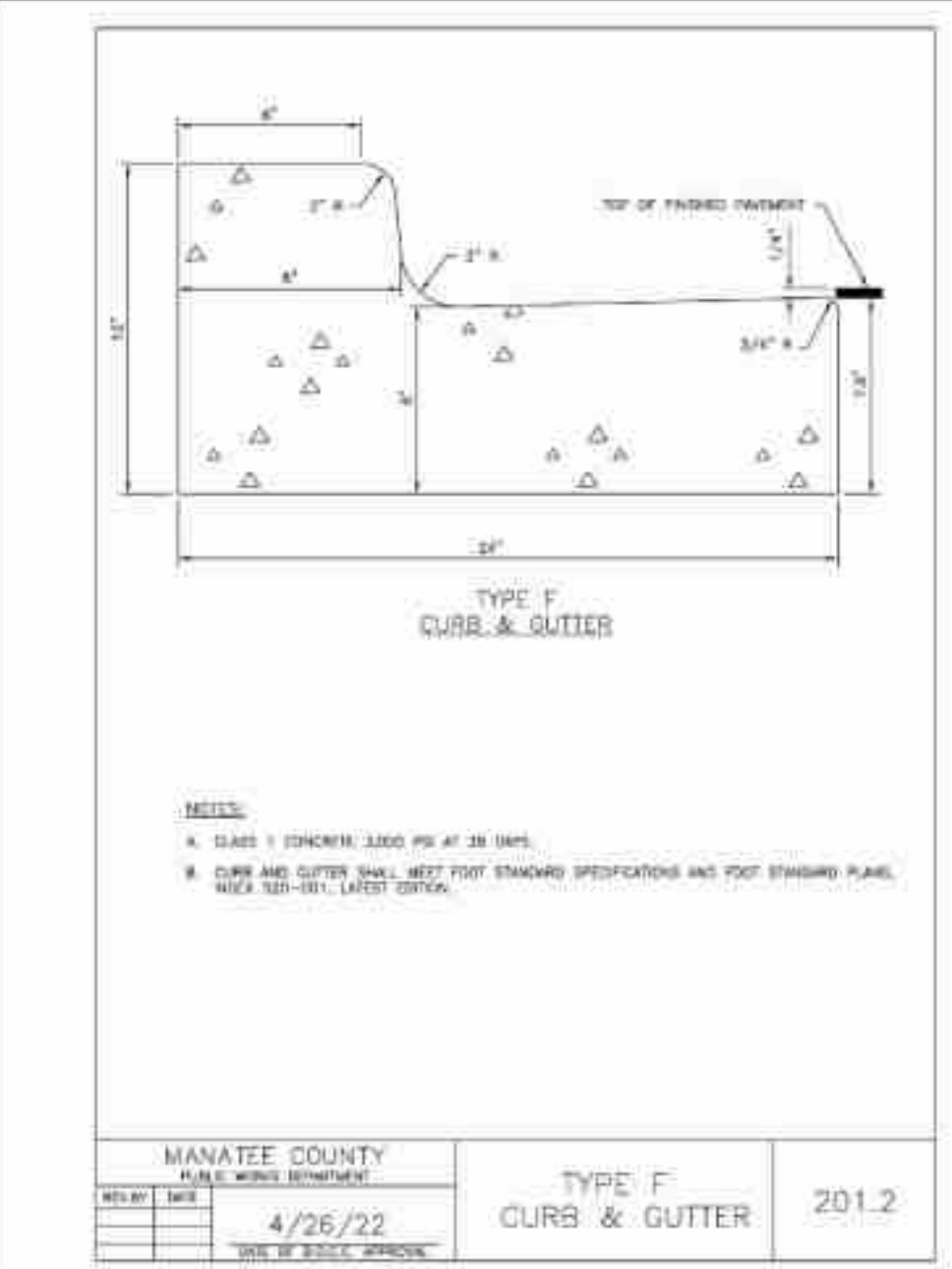
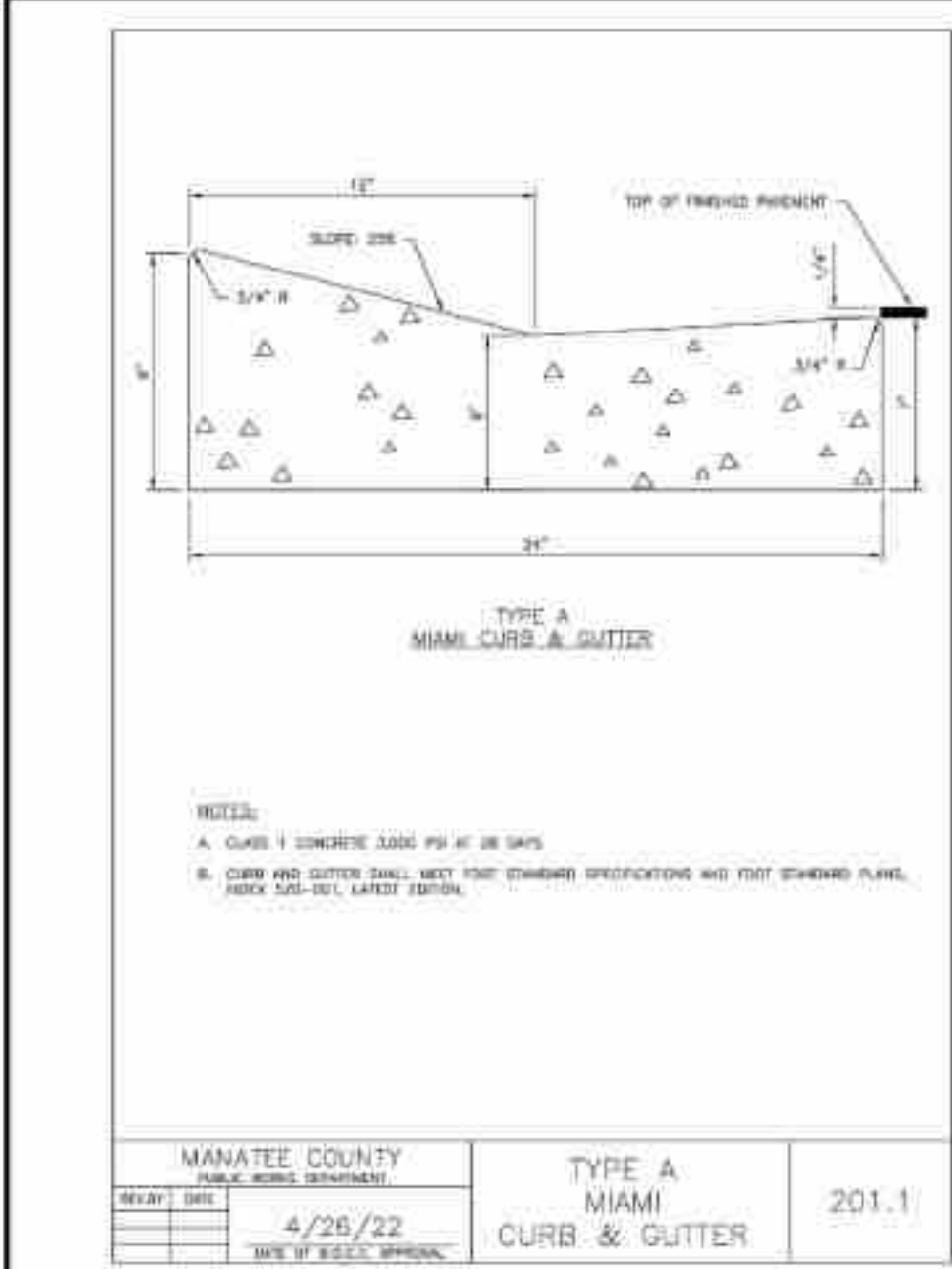
SCALE: AS NOTED

SEC-TSP-RNG, 20-345-196

SHEET 8 OF 12

BRETT T. ROCKLEIN
FL LICENSE NO. 88736

PERMITTED DRAWINGS SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT (SWFWMD)
 For construction permits, the Permittee shall notify the District in writing when construction begins.



NO.	DATE	REVISION DESCRIPTION	BY
6	08-28-25	ADD DETAIL US-19	BTR
2	05/19/25	REM. DETAIL 201.5 & ADD 101.2	DBH
1	01/18/24	ADD FENCE DETAIL	BTR

MORRIS ENGINEERING AND CONSULTING, LLC
 Civil Engineering and Land Development Consulting
 9801 Professional Parkway East, Suite 103, Sarasota, Florida 34240 | C.A. 28790 | 941-444-6044 | www.morriseng.com

DATE	03-23-23
PROJECT	SWIFT SELF STORAGE
DRAWING	08-09-SSS PCD DT
DRAWN	DBH
CHECKED	MJM

PAVING, GRADING, AND DRAINAGE DETAILS
SWIFT SELF-STORAGE
 MANATEE COUNTY, FLORIDA

Brett T. Rocklein, P.E., State of Florida, Professional Engineer,
 License No. 88736. This item has been digitally signed and sealed by Brett T. Rocklein, P.E. on the date indicated here.
 Signature must be verified on any electronic copies.

SCALE	AS NOTED
SEC.	TSP-RNG. 20-345-196
SHEET	9 OF 12
BRETT T. ROCKLEIN FL LICENSE NO. 88736	

PERMITTED DRAWINGS SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT (SWFWMD)
 For construction permits, the Permittee shall notify the District
 in writing when construction begins.

CULTEC Recharger® 150XLHD Stormwater Chamber

The Recharger® 150XLHD is an 18.5" (470 mm) tall, lower profile chamber and is typically used for installations with depth restrictions or when a larger infiltrative area is required. The Recharger® 150XLHD has the side portal internal manifold feature. HVLV® FC-24 Feed Connectors are inserted into the side portals to create the internal manifold.

Size (L x W x H)	11' x 33" x 18.5"
Installed Length	3.15 m x 9.38 mm x 470 mm
Length Adjustment per Run	0.75"
Chamber Storage	2.85 m ³ /ft
Min. Installed Storage	4.89 m ³ /ft
Min. Area Required	33.31 ft ²
Chamber Weight	31.0 lbs
Shipping	34 chambers/skid
Min. Center-to-Center Spacing	3.25'
Max. Allowable Cover	1.2'
Max. Inlet Opening in End Wall	12" HDPE, 15" PVC
Max. Allowable O.D. in Side Portal	10" HDPE, 10" PVC
Compatible Feed Connector	HVLV FC-24 Feed Connector



Recharger® 150XLHD Bare Chamber Storage Volumes

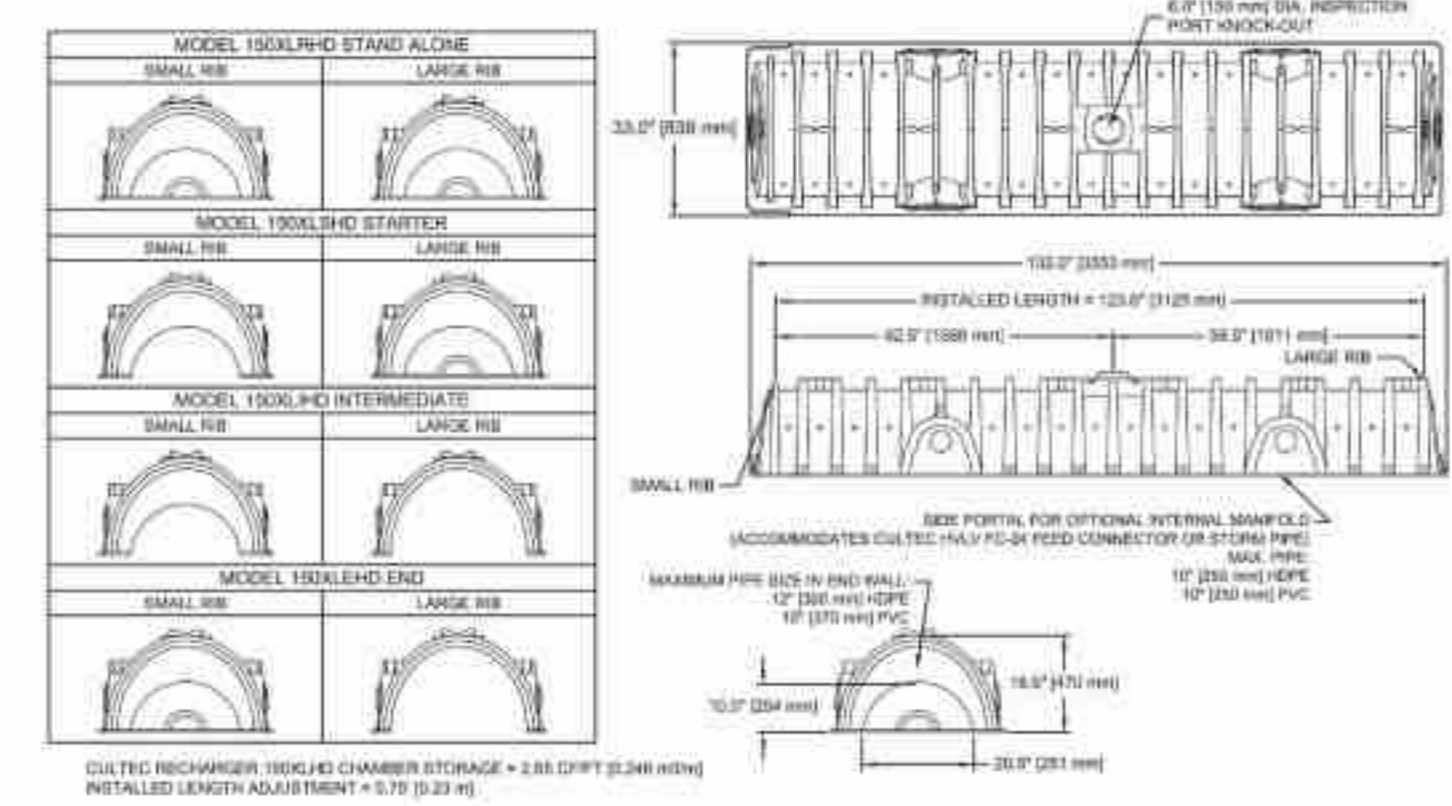
Elevation	Incremental Storage Volume	Cumulative Storage
ft	ft ³ /ft	ft ³
18.5	4.89	4.89
18.0	4.89	9.78
17.5	4.89	14.67
17.0	4.89	19.56
16.5	4.89	24.45
16.0	4.89	29.34
15.5	4.89	34.23
15.0	4.89	39.12
14.5	4.89	44.01
14.0	4.89	48.90
13.5	4.89	53.79
13.0	4.89	58.68
12.5	4.89	63.57
12.0	4.89	68.46
11.5	4.89	73.35
11.0	4.89	78.24
10.5	4.89	83.13
10.0	4.89	88.02
9.5	4.89	92.91
9.0	4.89	97.80
8.5	4.89	102.69
8.0	4.89	107.58
7.5	4.89	112.47
7.0	4.89	117.36
6.5	4.89	122.25
6.0	4.89	127.14
5.5	4.89	132.03
5.0	4.89	136.92
4.5	4.89	141.81
4.0	4.89	146.70
3.5	4.89	151.59
3.0	4.89	156.48
2.5	4.89	161.37
2.0	4.89	166.26
1.5	4.89	171.15
1.0	4.89	176.04
0.5	4.89	180.93
0.0	4.89	185.82
Total	4.89	185.82

Stone Foundation Depth	4"	13"	18"
Chamber and Stone Storage Per Chamber	50.17 ft ³	59.83 ft ³	63.49 ft ³
Min. Effective Depth	2.54'	3.04'	3.54'
Stone Required Per Chamber	2.13 yd ³	2.75 yd ³	3.36 yd ³
	1.63 m ³	2.10 m ³	2.57 m ³

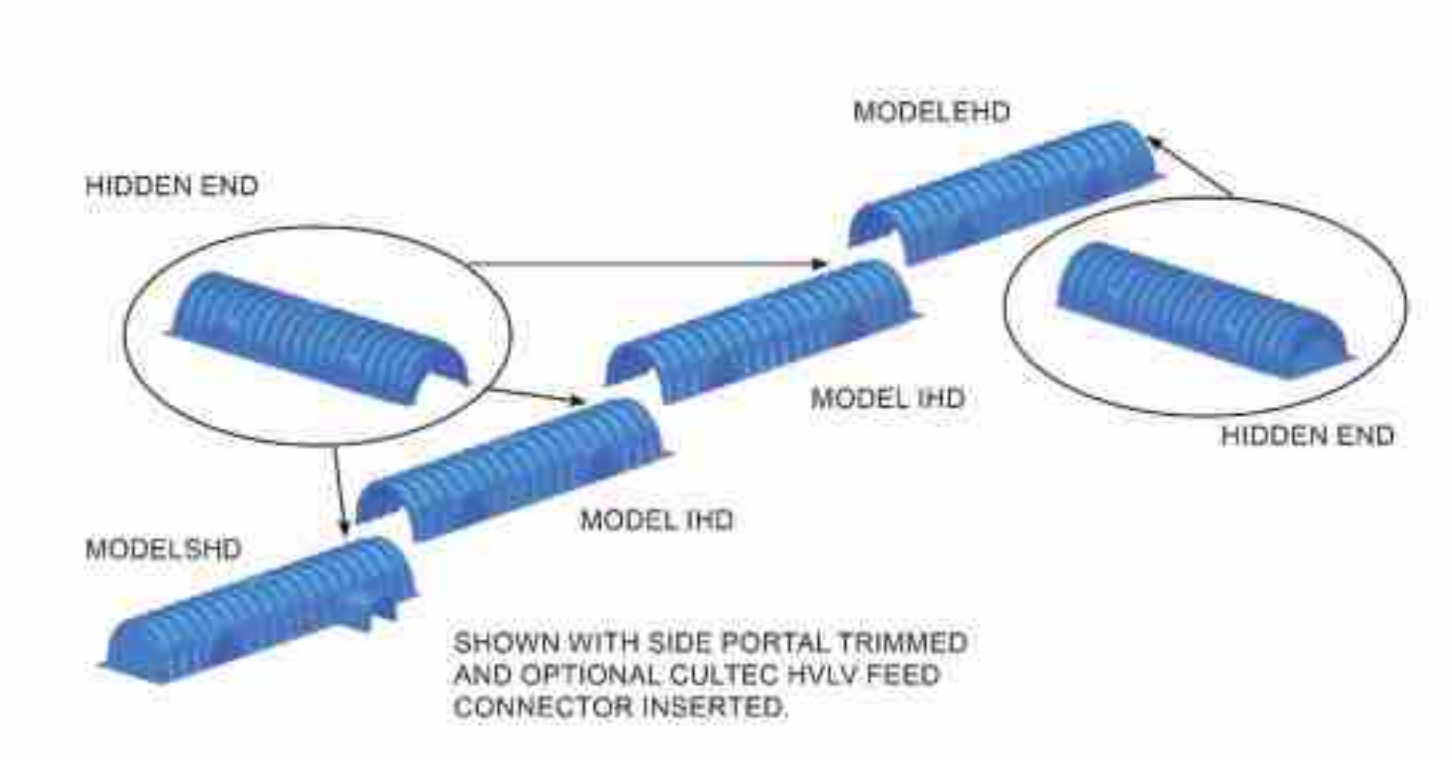
For more information, contact CULTEC at (203) 775-4416 or visit www.cultec.com.

CULTEC Recharger® 150XLHD Stormwater Chamber

Three View Drawing



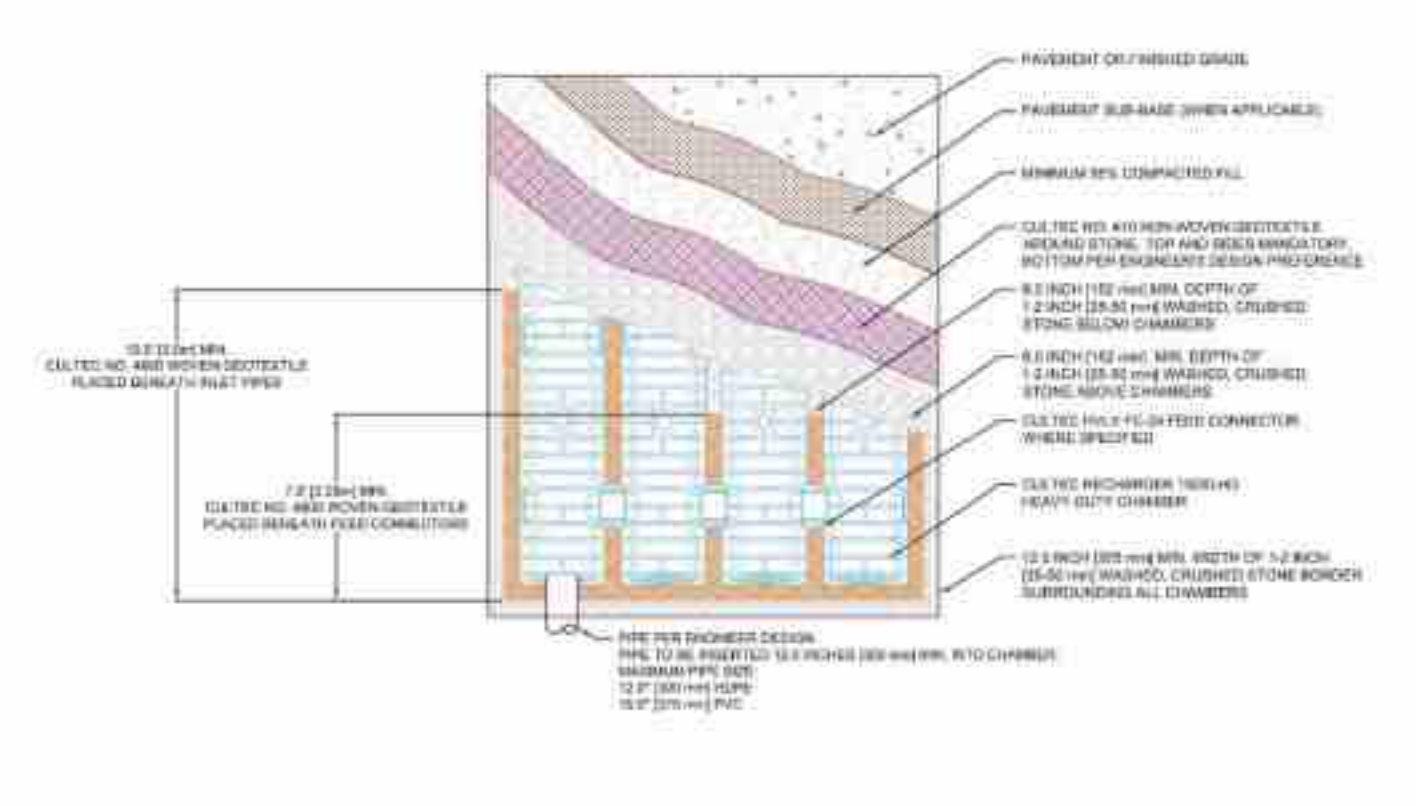
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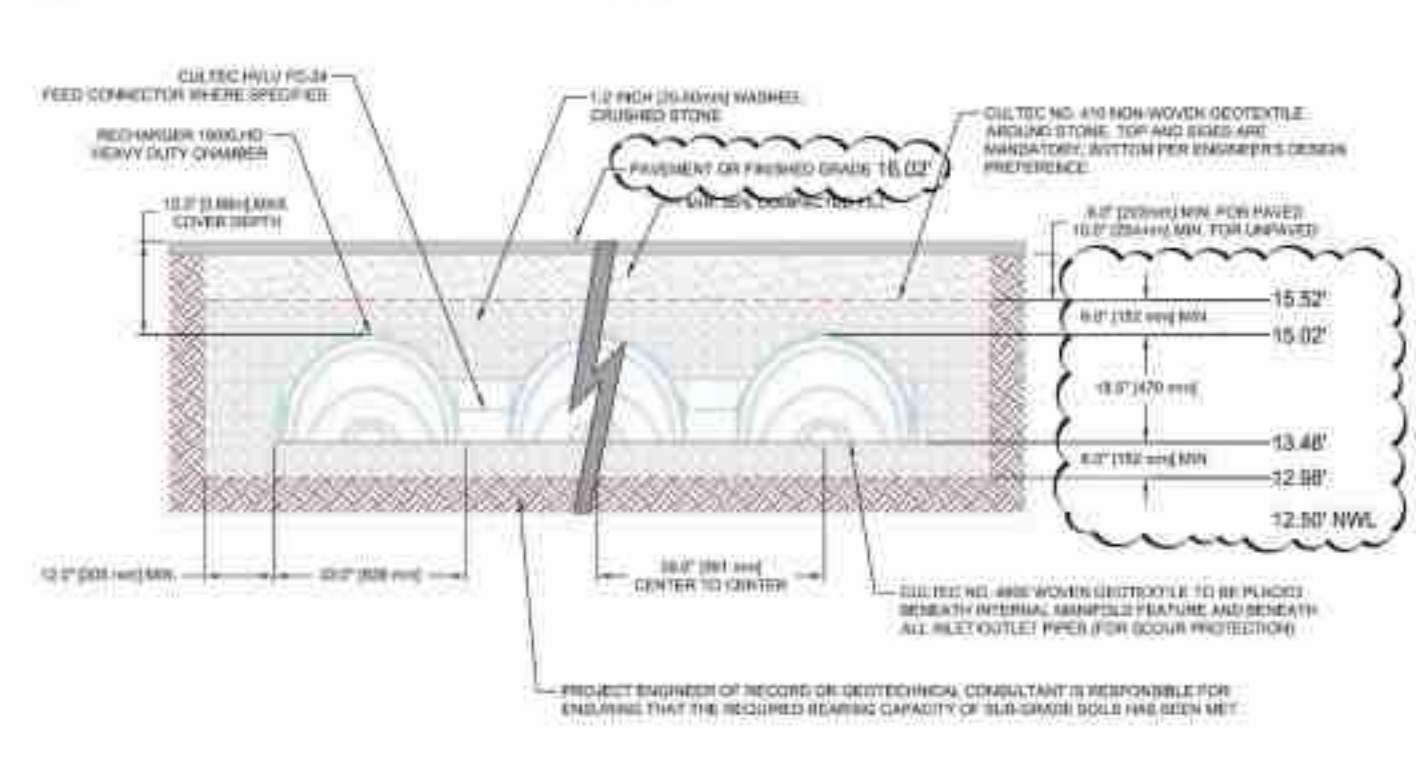
For more information, contact CULTEC at (203) 775-4416 or visit www.cultec.com.

CULTEC Recharger® 150XLHD Stormwater Chamber

Plan View Drawing



Typical Cross Section for Traffic Application



For more information, contact CULTEC at (203) 775-4416 or visit www.cultec.com.

CULTEC Recharger® 150XLHD Stormwater Chamber

CULTEC Recharger® 150XLHD Specifications

- GENERAL**
 CULTEC Recharger® 150XLHD chambers are designed for underground stormwater management. The chambers may be used for retention, recharging, detention or controlling the flow of on-site stormwater runoff.
- CHAMBER PARAMETERS**
- The chambers shall be manufactured in the U.S.A. by CULTEC, Inc. of Brookfield, CT (cultec.com, 203-775-4416).
 - The chamber shall be vacuum thermoformed of polyethylene with a black interior and blue exterior.
 - The chamber shall be arched in shape.
 - The chamber shall be open-bottomed.
 - The chamber shall be joined using an interlocking overlapping rib method. Connections must be fully shouldered overlapping ribs, having no separate couplings or separate end walls.
 - The nominal chamber dimensions of the CULTEC Recharger® 150XLHD shall be 18.5 inches (470 mm) tall, 33 inches (838 mm) wide and 11 feet (3.35 m) long. The installed length of a joined Recharger® 150XLHD shall be 10.25 feet (3.12 m).
 - Maximum inlet opening on the chamber end wall is 12 inches (300 mm) HDPE and 15 inches (375 mm) PVC.
 - The chamber shall have two side portals to accept CULTEC HVLV® FC-24 Feed Connectors to create an internal manifold. The nominal I.D. dimensions of each side portal shall be 8.5 inches (216 mm) high by 12 inches (304 mm) wide. Maximum allowable O.D. in the side portal is 10 inches (250 mm) HDPE, PVC.
 - The nominal chamber dimensions of the CULTEC HVLV® FC-24 Feed Connector shall be 12 inches (305 mm) tall, 16 inches (406 mm) wide and 24.2 inches (613 mm) long.
 - The nominal storage volume of the Recharger® 150XLHD chamber shall be 2.85 m³ / ft (0.246 m³ / m) - without stone. The nominal storage volume of a single Recharger® 150XLHD Stand Alone unit shall be 29.15 ft³ (0.83 m³) - without stone. The nominal storage volume of a joined Recharger® 150XLHD Intermediate unit shall be 27.15 ft³ (0.77 m³) - without stone. The nominal storage volume of the length adjustment amount per run shall be 1.99 ft³ (0.18 m³) - without stone.
 - The nominal storage volume of the HVLV® FC-24 Feed Connector shall be 0.913 ft³ / ft (0.085 m³ / m) - without stone.
 - The Recharger® 150XLHD chamber shall have thirty discharge holes bored into the sidewalls of the unit's core to promote lateral conveyance of water.
 - The Recharger® 150XLHD chamber shall have 20 corrugations.
 - The end wall of the chamber, when present, shall be an integral part of the continuously formed unit. Separate end plates cannot be used with this unit.
 - The Recharger® 150XLHD Stand Alone unit must be formed as a whole chamber having two fully formed integral end walls and having no separate end plates or separate end walls.
 - The Recharger® 150XLHD Starter unit must be formed as a whole chamber having one fully formed integral end wall and one partially formed integral end wall with a lower transfer opening of 10 inches (254 mm) high x 20.5 inches (521 mm) wide.
 - The Recharger® 150XLHD Intermediate unit must be formed as a whole chamber having one fully open end wall and one partially formed integral end wall with a lower transfer opening of 10 inches (254 mm) high x 20.5 inches (521 mm) wide.
 - The Recharger® 150XLHD End unit must be formed as a whole chamber having one fully formed integral end wall and one fully open end wall and having no separate end plates or end walls.
 - The HVLV® FC-24 Feed Connector must be formed as a whole chamber having two open end walls and having no separate end plates or separate end walls. The unit shall fit into the side portals of the Recharger® 150XLHD and act as cross feed connections.
 - Chambers must have horizontal stiffening flex reduction steps between the ribs.
 - The chamber shall have a raised integral cap at the top of the arch in the center of each unit to be used as an optional inspection port or clean-out.
 - The units may be trimmed to custom lengths by cutting back to any corrugation on the large rib end.
 - The chamber shall be manufactured in an ISO 9001:2015 certified facility.
 - The chamber shall be designed and manufactured to meet the material and structural requirements of IAPMO PS 63-2019, including resistance to AASHTO H-10 and H-20 highway live loads, when installed in accordance with CULTEC's installation instructions.
 - The chamber shall be designed and manufactured in accordance with the specifications of NSAI Irish Agreement Board Certificate for Culter Attenuation and Infiltration.
 - Maximum allowable cover over the top of the chamber shall be 12" (3.66 m).
 - The chamber shall be designed to withstand traffic loads when installed according to CULTEC's recommended installation instructions.

For more information, contact CULTEC at (203) 775-4416 or visit www.cultec.com.

MORRIS ENGINEERING AND CONSULTING, LLC
 Civil Engineering and Land Development Consulting
 1901 Professional Parkway East, Suite 103, Sarasota, Florida 34231 C.A. 28790 941-444-6044 www.stormwaterconsulting.com

DATE	03-23-23
PROJECT	SWIFT SELF STORAGE
DRAWING	08-09 SSS PGD DT
DRAWN	DBH
CHECKED	MJM

CULTEC CHAMBER SYSTEM DETAILS
SWIFT SELF-STORAGE
 MANATEE COUNTY, FLORIDA

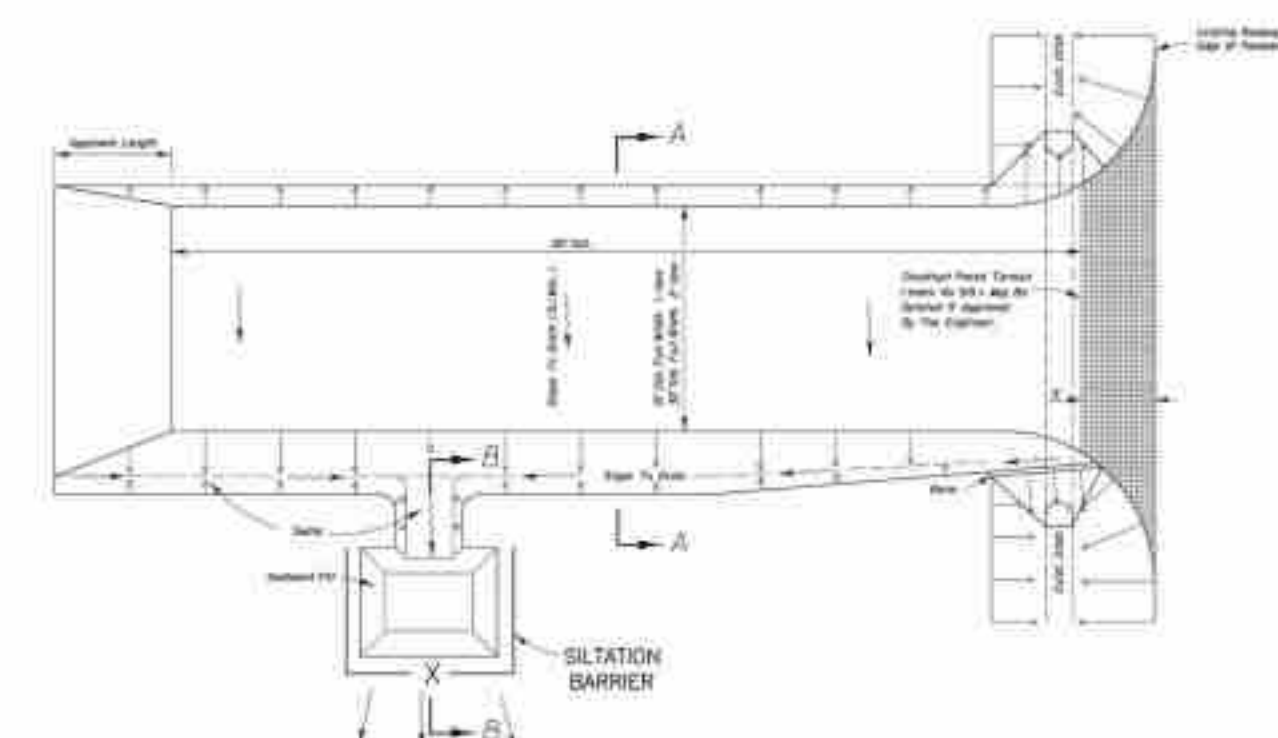
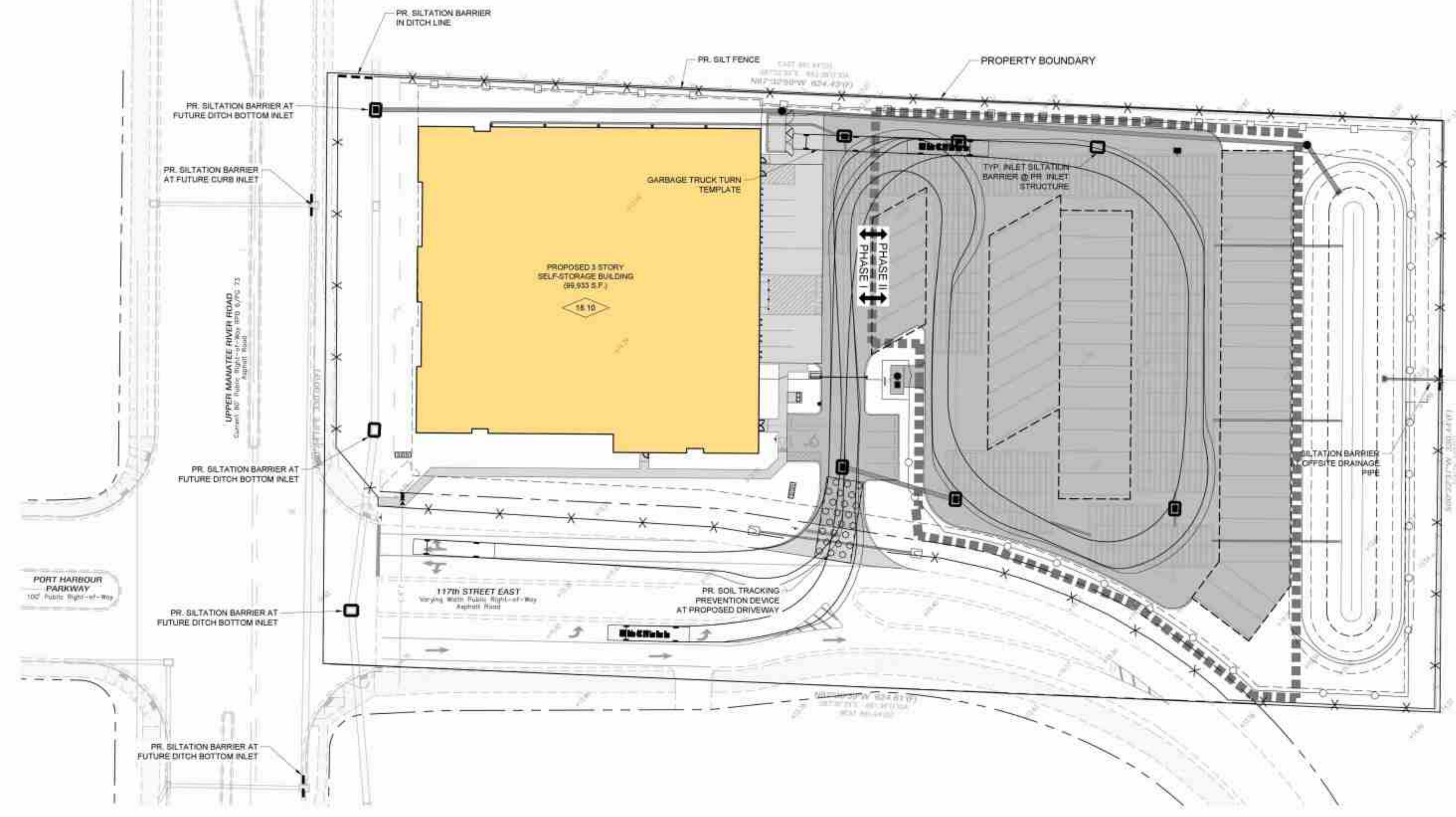
Brett T. Rocklein, P.E., State of Florida, Professional Engineer,
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SCALE AS NOTED
 SEC-TSP-RNG-20-345-196
 SHEET 9A OF 12
 BRETT T. ROCKLEIN
 FL LICENSE NO. 88736

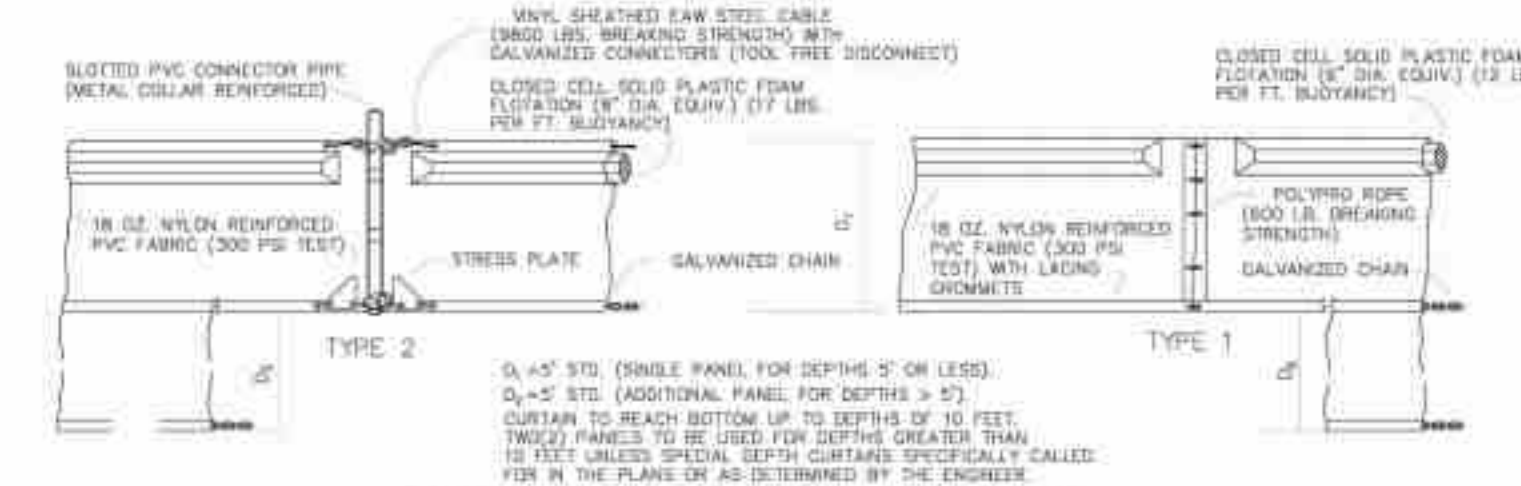


LEGEND
 EX. EXISTING
 RCP REINFORCED CONCRETE PIPE
 TBR TO BE REMOVED

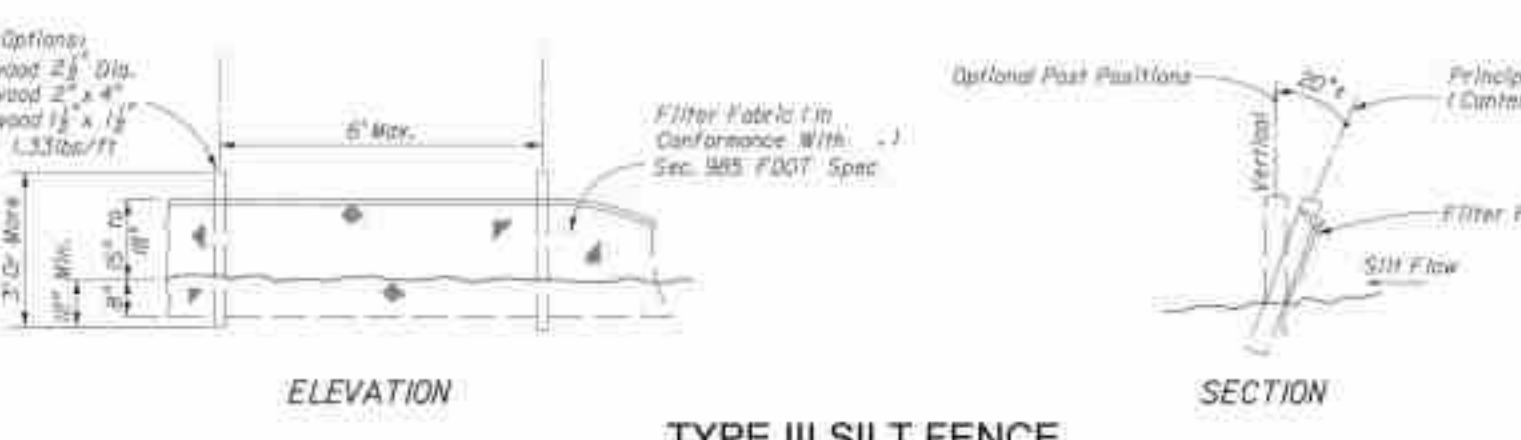
NOTES:
 EXISTING CONDITIONS SHOWN HEREON ARE FROM A BOUNDARY & TOPOGRAPHIC SURVEY BY GEOSURV SURVEYING & MAPPING DATED OCTOBER 18, 2021 AND UPDATED DECEMBER 22, 2022. PROJECT 210042. ELEVATIONS SHOWN HEREON ARE REFERENCED TO NAVD 1988.



- GENERAL NOTES**
- A Soil Tracking Prevention Device (STPD) shall be constructed of concrete designed by the engineer for points of access from unimproved areas of the project to public roads where off-site hauling of soil is anticipated. Traffic from unimproved areas of the construction project shall be directed into a STPD. Barriers, flagging or other positive means shall be used as required to limit and direct vehicular traffic across the STPD.
 - The Contractor may propose an alternative technique to achieve effective tracking of sediment. The alternative must be reviewed and approved by the Engineer prior to its use.
 - All water-filled, stepped, or tracked inlet catch basins including the STPD aggregate and construction mat shall be removed daily or more frequently if so directed by the Engineer.
 - Aggregate shall be 1/2" size #4. If this size is not available, the next available size shall be used. The aggregate shall be distributed with the approval of the Engineer. Once obtaining exclusive access, aggregate will not be off the project and unutilized.
 - The sediment catch basin shall provide a retention volume of 3000 cubic feet (one of sediment) and shall be installed as follows:
 1. If the STPD is located from other drainage areas, the following shall apply:
 a. 10' x 10' x 20' H'
 b. 30' x 10' x 20' H'
 c. As an option to the sediment pit, the width of the newly defined area can be increased to spread the volume. When the sediment pit or area volume has been reduced to one half, it shall be increased. When a device is used, silt fence shall be placed along the entire length.
 - The device shall enclose the STPD and shall be 6" x 6" x 6" unless otherwise shown in the plans. If the volume of sediment and existing sediment is greater than 30' x 10' x 20' STPD, it shall be increased by the Engineer. When a device is used, silt fence shall be placed along the entire length.
 - Where not specified, all materials shall be installed in accordance with the manufacturer's instructions.
 - The STPD shall be maintained in a condition that will allow it to perform its function. To prevent effective tracking, the STPD shall be "flush" daily when in use. To meet manufacturer's requirements, the STPD may be required to limit the mud tracked.
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FLOATING TURBIDITY BARRIERS



TYPE III SILT FENCE

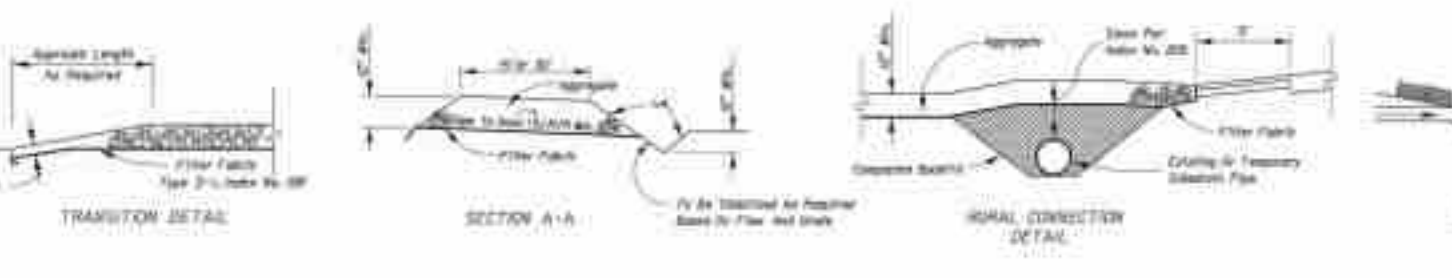


STRAW WATTLE INLET FILTER PROTECTION



FLEXSTORM INLET FILTER PROTECTION

- EROSION SEDIMENT CONTROL PLAN NOTES:**
- EXISTING SITE CONDITIONS CONSIST OF COMMERCIAL LAND, LAND CLEARING/DISTURBING ACTIVITIES SHALL CONSIST OF CLEARING EXISTING VEGETATION, PAVEMENT, & BUILDING.
 - ALL EXCAVATED MATERIAL WILL BE UTILIZED ON-SITE TO PROVIDE MATERIAL TO ACHIEVE FINISHED GRADES PER PLAN. ANY REMAINING MATERIAL SHALL BE REMOVED FROM SITE.
 - ALL AREAS ARE TO BE GRADED WITH A 4:1 MAXIMUM SLOPE.
 - ANY DISTURBED AREAS WHERE CONSTRUCTION WILL BE ON-GOING AND FINAL GRADE WILL NOT BE ACHIEVED WITHIN FOURTEEN (14) DAYS SHALL BE SOODED OR HYDRO-SEEDDED TO PROVIDE STABILIZATION.
 - ALL EROSION AND SEDIMENT CONTROLS DEPICTED ON THIS PLAN SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF ANY LAND DISTURBING ACTIVITIES.
 - EROSION AND SEDIMENT CONTROL DEVICES SHALL BE VISUALLY INSPECTED WEEKLY, OR AFTER SIGNIFICANT (0.5" OR GREATER) RAINFALL EVENTS. ALL MEASURES WILL BE MAINTAINED IN GOOD WORKING ORDER. IF A REPAIR IS NECESSARY, IT SHALL BE CORRECTED AS SOON AS POSSIBLE, BUT IN NO CASE LATER THAN 7 DAYS AFTER THE INSPECTION. A MAINTENANCE INSPECTION REPORT WILL BE MADE AFTER EACH INSPECTION. A COPY OF THE REPORT FORM TO BE COMPLETED BY THE INSPECTOR IS ATTACHED.
 - FUGITIVE PARTICULATE ABATEMENT METHODS SHALL CONSIST OF THE FOLLOWING:
 A. USE OF WATER TRUCKS TO CONTROL DUST ON-SITE DUE TO HIGH WINDS AND TRUCK TRAFFIC.
 B. ENSURE THAT ALL OPEN BODIED TRUCKS TRANSPORTING MATERIAL THAT MAY EMIT PARTICLES INTO THE AIR ARE COVERED AT ALL TIMES.
 C. ENSURING THAT ALL CONSTRUCTION TRAFFIC ENTERS AND EXITS THE SITE AT THE DESIGNATED CONSTRUCTION ENTRANCE ONLY AND ARE WASHED DOWN AS NECESSARY TO REDUCE PARTICULATE MATTER.
 D. CONTRACTOR SHALL PROVIDE ENGINEER AND MANATEE COUNTY WITH A 24-HOUR, 7-DAY EMERGENCY CONTACT NUMBER FOR ANY EROSION AND SEDIMENTATION CONCERNS.
 - THERE ARE NO WATER QUALITY MONITORING REQUIREMENTS FOR THIS PROJECT DURING CONSTRUCTION.
 - NOTE TO SILT FENCE INSTALLER: TO FACILITATE EFFECTIVE PRESERVATION OF TREES (THOSE WITH DRIP LINES DEPICTED ON THIS PLAN) SILT FENCE SHALL NOT BE TRENCHED IN WITHIN DRIP LINES OF TREES WHERE AVOIDABLE. IF UNAVOIDABLE, THEN INSTALL SILT FENCE AT GRADE NO TRENCHING IN THESE LOCATIONS.
 - REFER TO THE LANDSCAPE PLANS FOR DEPICTION OF TREES TO BE PROTECTED AND PRESERVED DURING SILT FENCE INSTALLATION AND CONSTRUCTION ACTIVITIES.



SOIL TRACKING PREVENTION DEVICE

NO.	DATE	REVISION DESCRIPTION	BY
6	08-26-25	ADD GARBAGE TRUCK TURN TEMPLATE	DBH
4	06-18-25	MOVE UTIL. EASE & ADD "FUTURE" DESIG.	DBH
3	05-19-25	REV. SITE PER CHANGES TO 117th ROW	DBH
2	04-10-25	SITE & UTILITY REV. PER FINAL COUNTY AGREEMENT	DBH
1	12-15-23	REV. PUT ROW LINE TO 20', SHEET SITE 5' EAST	DBH



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DATE	PROJECT	DRAWING	DRAWN	CHECKED
01-02-23	SWIFT SELF STORAGE	12-555 EROS	DBH	MJM

EROSION CONTROL PLAN
SWIFT SELF-STORAGE
 MANATEE COUNTY, FLORIDA

Brett T. Rocklein, P.E., State of Florida, Professional Engineer,
 License No. 88736. This item has been digitally signed and sealed
 by Brett T. Rocklein, P.E. on the date indicated here.
 Signature must be verified on any electronic copies.

SCALE	SEC.	SHEET	OF
1"=40'	TSP-RNG	12	12