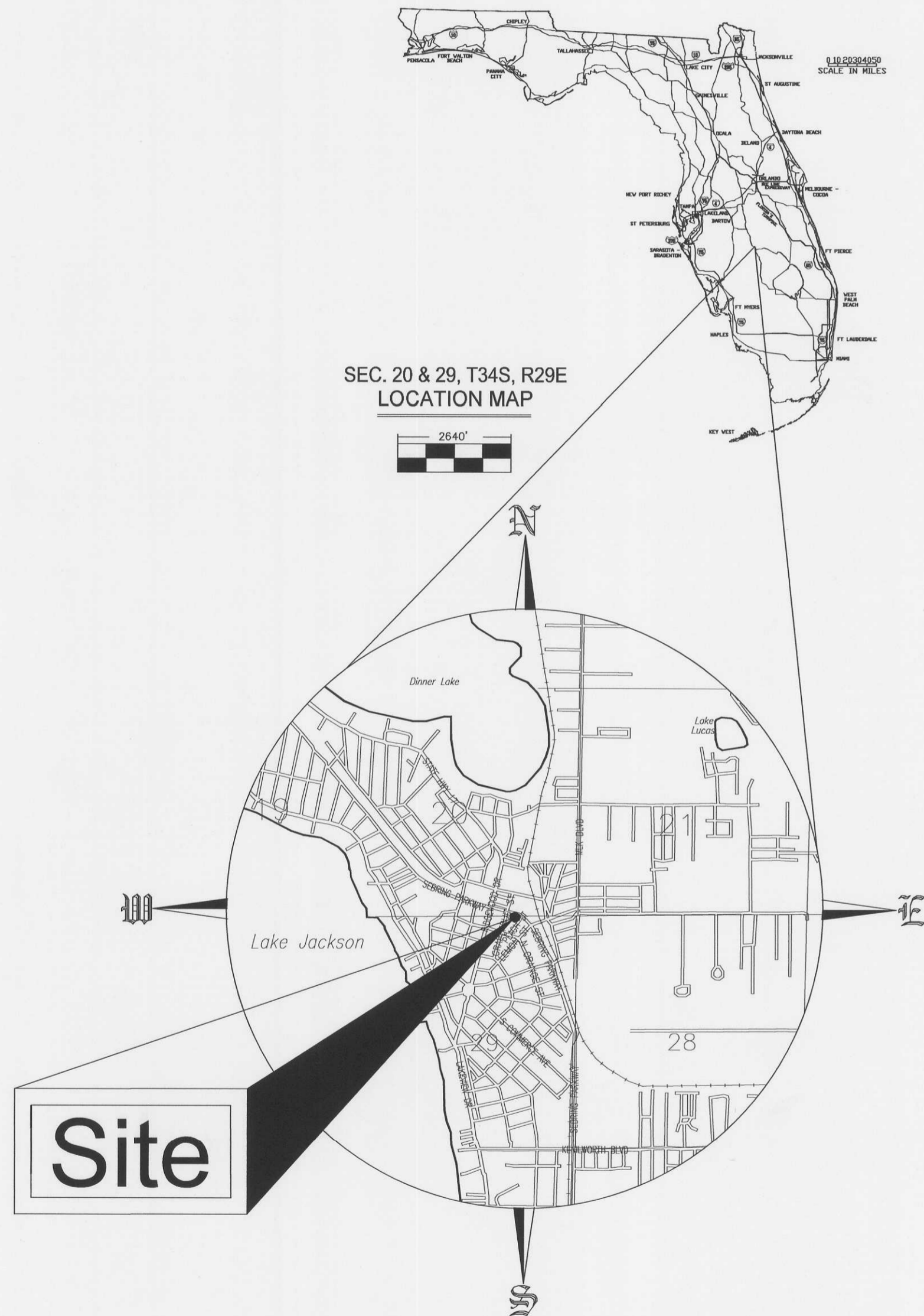


HIGHLANDS COUNTY EMERGENCY MEDICAL SERVICES PARKWAY SUBSTATION SITE PLAN



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- SHEET INDEX
1. EXISTING CONDITIONS
 2. GRADING
 3. DIMENSIONS
 4. SECTIONS, DETAILS & SPECIFICATIONS
 5. DETAILS & SPECIFICATIONS
 6. DETAILS & SPECIFICATIONS

DATE	REMARK	DR	CH
24-FEB-18	INITIAL SUBMITTAL	MLW	
17-APR-16	VIEWED ELEVATION AND DISCHARGE CLARIFICATIONS	MLW	
21-APR-16	CHANGE OF SITE PAYMENT REQUIREMENTS	MLW	
29-APR-16	DISCHARGE STRUCTURE CLARIFICATION	MLW	
27-JUN-16	PLANS FOR FINAL REVIEW	MLW	
18-AUG-16	PLANS FOR BID	MLW	

CERTIFICATE OF AUTHORIZATION # 5864
ROGER DALE POLSTON, P.E. # 33222
MARVIN LUTHER WOLFE, P.E. # 46030

Marvin Luther Wolfe
8/26/16

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Polston Engineering Inc.
CIVIL ENGINEERING CONSULTANTS
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883-385-5564 PHONE - 883-385-2482 FAX

ENGINEER JOB #
15071

**HIGHLANDS COUNTY
EMERGENCY MEDICAL SERVICES
PARKWAY SUB-STATION
COVER PAGE**

DRAWING SCALE
NTS
SHEET
0 OF 6



DESCRIPTION (OFFICIAL RECORDS BOOK 2083, PAGE 1477):
 LOTS 1, 2, 3, 14 AND THE NORTHEASTLY 40.00 FEET OF LOT 13 LYING ADJACENT TO SAID LOT 14, ALL IN
 BLOCK 24 OF THE TOWN OF SEBRING, SUBDIVISION OF BLOCK "R" AS RECORDED IN PLAT BOOK 1, PAGE 19
 OF THE PUBLIC RECORDS OF HIGHLANDS COUNTY, FLORIDA, BEING MORE PARTICULARLY DESCRIBED AS
 FOLLOWS:
 COMMENCING AT THE SOUTHWEST CORNER OF LOT 3, BLOCK 24 OF THE TOWN OF SEBRING, SUBDIVISION OF
 BLOCK "R" AS RECORDED IN PLAT BOOK 1, PAGE 19 OF THE PUBLIC RECORDS OF HIGHLANDS COUNTY,
 FLORIDA, BEING THE POINT OF BEGINNING, THENCE RUNNING S 75°55'05" E, TO THE SOUTHEAST CORNER OF
 LOT 3, A DISTANCE OF 150.00 FEET; THENCE N 14°16'20" E, A DISTANCE OF 58.44 FEET TO A POINT; THENCE
 S 48°40'36" E, A DISTANCE OF 152.93 FEET TO THE SOUTHEAST CORNER OF THE NORTHEASTLY 40 FEET
 OF LOT 13; THENCE N 41°55'24" E, A DISTANCE OF 111.11 FEET TO A POINT; THENCE N 14°16'20" E, A
 DISTANCE OF 54.97 FEET TO THE NORTHEAST CORNER OF LOT 14, SAID POINT LYING ON A CURVE CONCAVE
 TO THE SOUTH, HAVING THE FOLLOWING ELEMENTS: A RADIUS OF 1313.26 FEET, A DELTA ANGLE OF 140°17'47",
 AND LENGTH OF 319.94 FEET, RUNNING ALONG A CHORD BEARING OF N 66°28'55" W, A CHORD LENGTH OF
 152.22 FEET TO THE POINT OF BEGINNING.

DATE OF PREPARATION: FEBRUARY 24, 2016
 STRAP NUMBER: S-29-34-29-070-0240-0010
 S-29-34-29-070-0240-0130
 DEVELOPMENT: EMERGENCY MEDICAL SERVICES
 ADDRESS: 313 N EUCALYPTUS ST
 SEBRING, FL 33870
 OWNER: HIGHLANDS COUNTY BOARD OF COUNTY COMMISSIONERS
 ADDRESS: PO BOX 1926
 SEBRING, FL 33871-1926
 (863) 402-6500
 ENGINEER: ROGER DALE POLSTON, P.E.
 POLSTON ENGINEERING, INC.
 P.O. BOX 588
 SEBRING, FL 33871-0588
 (863) 385-5564
 (863) 385-2462 FAX

CONTRACTOR: CONTRACTOR HAS NOT BEEN SELECTED AT
 THIS TIME, PROJECT WILL BE PUT OUT FOR BID
 TESTING LAB: UNIVERSAL ENGINEERING SCIENCES
 5971 COUNTRY LAKES DR
 FORT MYERS, FL 33905
 (239) 995-1997

TOTAL PROPERTY OWNED: GREATER THAN 10 ACRES
 PROJECT AREA: 37519 SQ.FT., 0.86 AC.
 TOTAL MAXIMUM ALLOWED IMPERVIOUS: 30015 SQ.FT. (80%)
 TOTAL PROPOSED IMPERVIOUS AREA: 12136 SQ.FT., 0.28 AC.(32.3%)
 PROPOSED TOTAL BUILDING AREA: 3769 SQ.FT.
 MAXIMUM BUILDING HEIGHT: 50 FT.
 BUILDING HEIGHT: LESS THAN 25'
 PARKING SPACES: 7 AND 1 ETC. = 8 TOTAL
 EXISTING USE: GRASSED PARKING
 EXISTING ZONING: CITY
 F.L.C. MAP DESIGNATION: CITY OF SEBRING
 CITY OF SEBRING
 CITY OF SEBRING
 SOIL TYPES: ASTATULA SAND
 GROUND COVER: GRASS
 STATE AND FEDERAL PERMITS REQUIRED: HIGHLANDS COUNTY SWIMD

- THIS PROJECT AREA IS NOT LOCATED WITHIN 600 FEET OF ANY WELL HEADS SUPPLYING PUBLIC POTABLE WATER SYSTEMS AS DEFINED IN CHAPTER 17-550, F.A.C. AND REGULATED BY F.D.E.P.
 - THIS PROJECT IS NOT SUBJECT TO FLOODING IN A 100-YEAR RECURRENTANCE INTERVAL STORM.
 - HIGHLANDS PARKWAY EMS SUBSTATION ELEVATION CONVERSION:
 ELEVATION = HIGHLANDS PARKWAY EMS SUBSTATION SHOWN ON PLANS
 NGVD 1929 = ELEVATION + 0.34'
 NAVD 1988 = ELEVATION - 0.72'
 SOURCE: NOAA ORTHOMETRIC HEIGHT CONVERSION (VERTCON)
 - ALL UNDERGROUND UTILITIES WITHIN THE ROADWAY ARE TO BE INSTALLED PRIOR TO PLACEMENT OF BASE.
 - ALL SWALES AND DITCHES, COMPLETE WITH EROSION CONTROLS, ARE TO BE CONSTRUCTED AS PART OF THE INITIAL IMPROVEMENTS.
 - ALL CONSTRUCTION MATERIALS USED WITHIN THE COUNTY RIGHT-OF-WAY ARE TO BE TESTED AS PER COUNTY REQUIREMENTS AND ALL TEST RESULTS ARE TO BE SUBMITTED BY THE TESTING LAB DIRECTLY TO THE ENGINEER OF RECORD BEFORE ANY AS-BUILT INSPECTION AND SUBMITTALS WILL BE MADE.
 - ALL DISTURBED AREAS IN THE FLORIDA DEPARTMENT OF TRANSPORTATION RIGHT-OF-WAY WILL BE RESTORED AND SOODED.
 - THERE ARE NO FLOODPLAINS, WETLANDS, CUTOATHRASS SLEEPS, HISTORICAL AND ARCHAEOLOGICAL RESOURCES, CONES OF INFLUENCE FOR POTABLE WELLS, OR AQUIFER RECHARGE AREAS WITHIN THIS PROJECT.
 - THERE ARE NO EXTERIOR LIGHTS OR PERMANENT SIGNS PROPOSED FOR THIS SITE, UNLESS OTHERWISE NOTED.
 - A MAINTENANCE OF TRAFFIC (MOT) SHALL COMPLY WITH FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) STANDARD INDEX FOR CONSTRUCTION WITHIN THE COUNTY RIGHT-OF-WAY.
 - THERE ARE NO EASEMENTS UNLESS OTHERWISE SHOWN ON THESE PLANS.
 - THERE ARE NO WATER COURSES, WATER BODIES, FLOODPLAINS, XERIC UPLANDS, WETLANDS, CUTOATHRASS SLEEPS, HISTORICAL AND ARCHAEOLOGICAL RESOURCES, CONES OF INFLUENCE FOR POTABLE WELLS, OR AQUIFER RECHARGE AREAS.
 - THERE ARE NO PROPOSED PERMANENT SIGNS OR EXTERIOR LIGHTS, UNLESS OTHERWISE DENOTED ON PLANS.

POND AND SWALE CONSTRUCTION AND MAINTENANCE INSTRUCTIONS:
 - POND SIZING AND GRADING OF THE POND SHOULD BE MADE FIRST TO PROVIDE IMMEDIATE SEDIMENTATION AREA FOR STORM WATER RUNOFF FROM THE CONSTRUCTION AREA.
 - DURING THE CONSTRUCTION PHASE CARE SHOULD BE TAKEN TO KEEP POND AREA AS FREE AS POSSIBLE OF ANY SEAMANTS SUCH AS ASPHALT, SILL, CONCRETE, MUCK, ETC. WHICH MAY SEAL THE POND BOTTOM AND REDUCE THE PERCOLATION RATE.
 - SOO GROWN ON MUCK SHOULD NOT BE USED.
 - POND BOTTOM SHOULD BE MADE AS ONE OF THE FINAL STEPS OF CONSTRUCTION.
 - ROUTINE MONITORING AND INSPECTION OF SWALES AND POND.
 - REPAIR ANY EROSION DAMAGE FOUND.
 - PERIODICALLY SWALES AND/OR POND MAY REQUIRE CLEANING OF SEDIMENTS IN ORDER TO MAINTAIN STANDARD VALUES. THIS CLEANING SHOULD INCLUDE THE REMARKING OF THE POND BOTTOM.
 NOTE: NO SURFACE RUNOFF FROM ADJACENT PROPERTY WILL FLOW ONTO THIS PROJECT AREA, POTENTIAL RUNOFF HAS BEEN DIVERTED AROUND THIS PROJECT.
 NOTE: OPEN SPACE AREAS WITHIN THIS PROJECT AREA WILL BE UTILIZED AS LANDSCAPED AREAS, UNLESS OTHERWISE DENOTED ON PLANS.

BASIN 1/2" STORAGE 19.52 X 0.5 / 12 = 0.82 AC-FT
 STORAGE PROPOSED = 0.83 AC-FT AT DISCHARGE, AND 1.54 AC-FT TOTAL
 THEIR IS NO EXPECTED IMPACT ON THE WATER QUALITY OF THE SITE.
 PROPERTY OWNER IS RESPONSIBLE FOR MAINTAINING THE SITE INCLUDING ALL OPEN SPACE AREAS
 I HEREBY CERTIFY THAT THE DESIGN FOR THIS PROJECT IS IN SUBSTANTIAL CONFORMANCE WITH THE STANDARDS ESTABLISHED BY THE 2015, EDITION OF THE "MANUAL OF UNIFORM STANDARDS FOR DESIGN, CONSTRUCTION AND MAINTENANCE OF STREETS AND HIGHWAYS", AS REQUIRED BY FLORIDA STATUTE 336.045.
 I HEREBY CERTIFY THAT THE DETAILS OF THE HANDICAP ACCESSIBILITY PLAN SHOWN HEREON ARE TO THE BEST OF MY KNOWLEDGE AND BELIEF IN FULL AND COMPLETE COMPLIANCE WITH THE "STATE OF FLORIDA DEPARTMENT OF COMMUNITY AFFAIRS HANDICAP ACCESSIBILITY RULE".

PROPOSED SEPTIC SYSTEM CALCULATIONS
 USE: RESIDENTIAL (4 BEDROOMS) (CLOSEST USE)
 GALLONS PER DAY: 100 G/D/BEDROOM
 BEDROOMS: 4
 AVERAGE SEWAGE FLOW = 100 X 4 = 400 GAL/DAY

EXISTING CONDITIONS AREA	AREA (ACRES)
TOTAL AREA OWNED	GREATER THAN 10
PROJECT AREA	0.86
IMPERVIOUS (EXCLUDING PONDS)	0.20 (PREVIOUSLY PERMITTED)
PERVIOUS (GREEN)	0.16
LAKES, CANALS, STORAGE PONDS	0.50
ONSITE WETLANDS	0.00

PROPOSED CONDITIONS AREA	AREA (ACRES)
PROJECT	0.86
IMPERVIOUS (EXCLUDING PONDS)	0.28
PERVIOUS (GREEN)	0.08
LAKES, CANALS, STORAGE PONDS	0.50
ONSITE WETLANDS	0.00

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CONSTRUCTION NOTES:
 ---ELEVATIONS SHOWN ARE A REPRESENTATION OF FIELD CONDITIONS AND IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY INFORMATION IN FIELD.
 ---THESE PLANS HAVE BEEN DRAWN TO DEPICT THE REQUIRED CONSTRUCTION WITHIN THE PROJECT AREA. IN CERTAIN CASES THE SIZE AND/OR LOCATION OF PROPOSED CONSTRUCTION HAS BEEN BLOWNUP TO SHOW ITEMS. THEREFORE, LOCATIONS ON THE DRAWINGS MAY NOT BE EXACTLY AND SHOULD NOT BE SCALED FOR CONSTRUCTION. THE PROPOSED PROJECT WILL NEED TO BE CONSTRUCTED USING EXISTING SITE CONDITIONS AND CURRENT HIGHLANDS COUNTY CONSTRUCTION REQUIREMENTS AND REGULATIONS.
 ---THE UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS ARE REPRESENTATIONAL ONLY. FIELD INVESTIGATION FOR EXACT LOCATIONS IS REQUIRED AND WILL BE THE RESPONSIBILITY OF THE CONTRACTOR.

TOWN OF SEBRING
 SUBDIVISION OF BLOCK "R"
 (Plat Book 1, Page 19)

LINE LEGEND

---	EDGE OF PAVEMENT
---	PROJECT BOUNDARY
---	TOP OF BANK
---	TOE OF SLOPE
---	EXISTING CHAIN LINK FENCE
---	SILT/TURBIDITY SCREENS
---	RETENTION POND
---	BUILDING BOUNDARY
---	EXISTING WATERLINE
---	PROPOSED CULVERT OR PIPE
---	TYPE "T" CURB
---	EXISTING CONTOURS
---	PERIMETER PROPOSED CONTOURS
---	PROPOSED EDGE OF PAVEMENT
---	RUNOFF FLOW DIRECTION
---	TRAFFIC DIRECTION ARROW (NOT PAINTED)

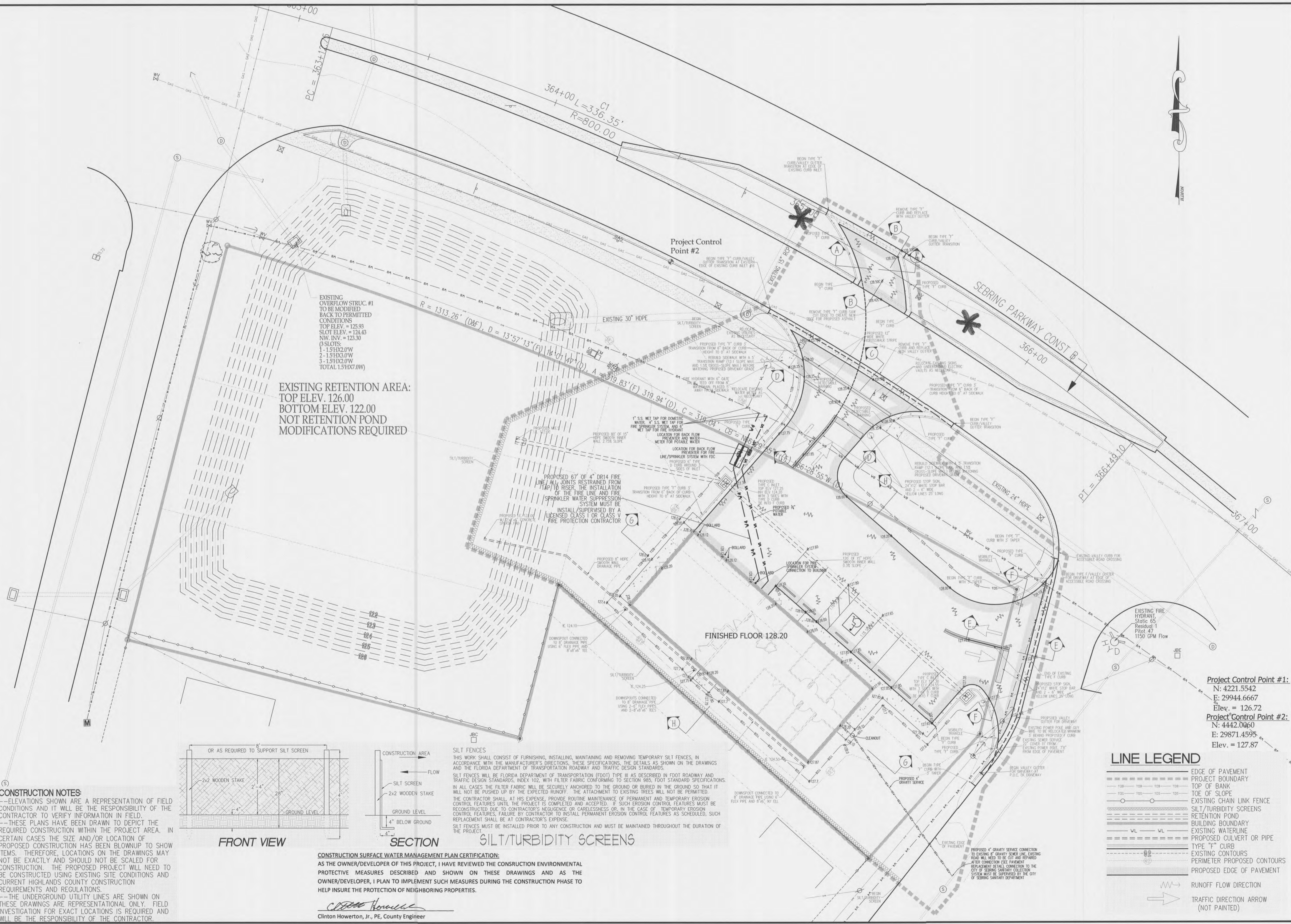
DATE	INITIAL	REMARK	CH
24-FEB-16			
17-APR-16		CHANGE OF SITE PAVEMENT CLARIFICATIONS	MLW
21-APR-16		CHANGE OF SITE PAVEMENT CLARIFICATIONS	MLW
29-APR-16		DISCHARGE STRUCTURE CLARIFICATION	MLW
27-JUN-16		PLANS FOR FINAL REVIEW	MLW
18-AUG-16		PLANS FOR BID	MLW

CERTIFICATE OF AUTHORIZATION # 5884
 ROGER DALE POLSTON, P.E. # 32222
 MARVIN LUTHER WOLFE, P.E. # 46630



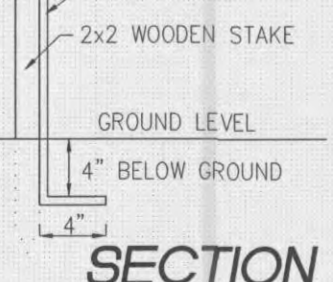
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15071

HIGHLANDS COUNTY
 EMERGENCY MEDICAL SERVICES
 PARKWAY SUB-STATION
 EXISTING CONDITIONS



EXISTING OVERFLOW STRUC. #1 TO BE MODIFIED BACK TO PERMITTED CONDITIONS
 TOP ELEV. = 125.93
 SLOT ELEV. = 124.43
 NW INV. = 123.30
 (3 SLOTS:
 1-1.5HX2.0"W
 2-1.5HX3.0"W
 3-1.5HX2.0"W
 TOTAL 1.5HX7.0"W)

EXISTING RETENTION AREA:
 TOP ELEV. 126.00
 BOTTOM ELEV. 122.00
 NOT RETENTION POND
 MODIFICATIONS REQUIRED



SILT/TURBIDITY SCREENS
 THIS WORK SHALL CONSIST OF FURNISHING, INSTALLING, MAINTAINING AND REMOVING TEMPORARY SILT FENCES, IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS, THESE SPECIFICATIONS, THE DETAILS AS SHOWN ON THE DRAWINGS AND THE FLORIDA DEPARTMENT OF TRANSPORTATION ROADWAY AND TRAFFIC DESIGN STANDARDS.
 SILT FENCES WILL BE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) TYPE III AS DESCRIBED IN FDOT ROADWAY AND TRAFFIC DESIGN STANDARDS, INDEX 102, WITH FILTER FABRIC CONFORMING TO SECTION 905, FDOT STANDARD SPECIFICATIONS. IN ALL CASES THE FILTER FABRIC WILL BE SECURELY ANCHORED TO THE GROUND OR BURIED IN THE GROUND SO THAT IT WILL NOT BE PUSHED UP BY THE EXPECTED RUNOFF. THE ATTACHMENT TO EXISTING TREES WILL NOT BE PERMITTED.
 THE CONTRACTOR SHALL, AT HIS EXPENSE, PROVIDE ROUTINE MAINTENANCE OF PERMANENT AND TEMPORARY EROSION CONTROL FEATURES UNTIL THE PROJECT IS COMPLETED AND ACCEPTED. IF SUCH EROSION CONTROL FEATURES MUST BE RECONSTRUCTED DUE TO CONTRACTOR'S NEGLIGENCE OR CARELESSNESS OR, IN THE CASE OF TEMPORARY EROSION CONTROL FEATURES, FAILURE BY CONTRACTOR TO INSTALL PERMANENT EROSION CONTROL FEATURES AS SCHEDULED, SUCH REPLACEMENT SHALL BE AT CONTRACTOR'S EXPENSE.
 SILT FENCES MUST BE INSTALLED PRIOR TO ANY CONSTRUCTION AND MUST BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT.

CONSTRUCTION SURFACE WATER MANAGEMENT PLAN CERTIFICATION:
 AS THE OWNER/DEVELOPER OF THIS PROJECT, I HAVE REVIEWED THE CONSTRUCTION ENVIRONMENTAL PROTECTIVE MEASURES DESCRIBED AND SHOWN ON THESE DRAWINGS AND AS THE OWNER/DEVELOPER, I PLAN TO IMPLEMENT SUCH MEASURES DURING THE CONSTRUCTION PHASE TO HELP INSURE THE PROTECTION OF NEIGHBORING PROPERTIES.

Clinton Howerton, Jr., PE, County Engineer
 Clinton Howerton, Jr., PE, County Engineer

CONSTRUCTION NOTES:
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LINE LEGEND

	EDGE OF PAVEMENT
	PROJECT BOUNDARY
	TOP OF BANK
	TOE OF SLOPE
	EXISTING CHAIN LINK FENCE
	SILT/TURBIDITY SCREENS
	RETENTION POND
	BUILDING BOUNDARY
	EXISTING WATERLINE
	PROPOSED CULVERT OR PIPE
	TYPE "T" CURB
	EXISTING CONTOURS
	PERIMETER PROPOSED CONTOURS
	PROPOSED EDGE OF PAVEMENT
	RUNOFF FLOW DIRECTION
	TRAFFIC DIRECTION ARROW (NOT PAINTED)

Project Control Point #1:
 N: 4221.5542
 E: 29944.6667
 Elev. = 126.72
Project Control Point #2:
 N: 4442.0460
 E: 29871.4595
 Elev. = 127.87

DATE	REMARK	DR	CH
24-FEB-16	INITIAL SUBMITTAL	MLW	
12-APR-16	SW/NOE ELEVATION AND DISCHARGE CLARIFICATIONS	MLW	
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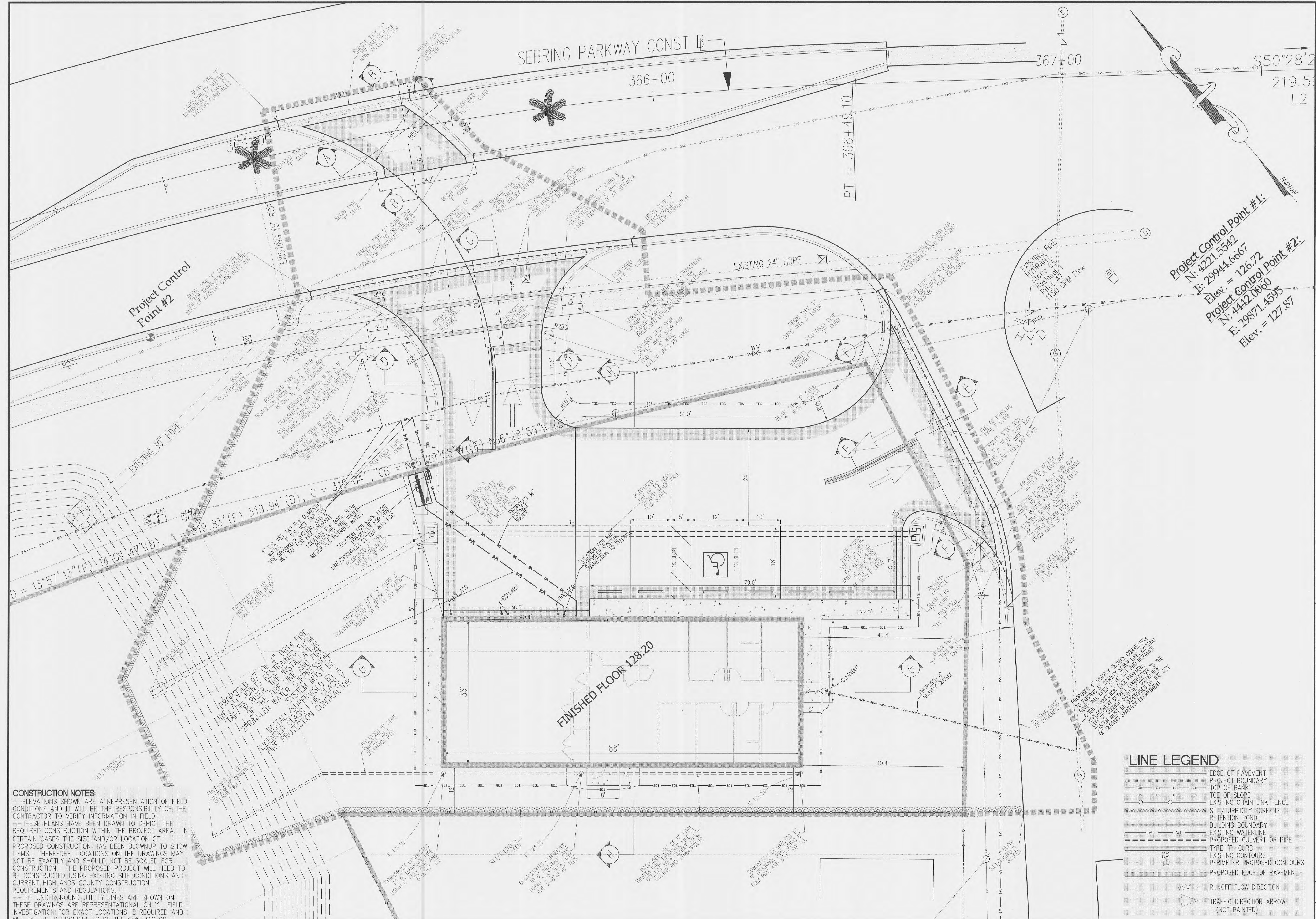
CERTIFICATE OF AUTHORIZATION # 5884
 ROGER DALE POLSTON P. E. # 33222
 MARVIN LUTHER WOLFE P. E. # 49690
 8/24/16

Polston PE Engineering inc.
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 2925 KENILWORTH BLVD., SEBRING, FLORIDA 33870
 889-385-5564 PHONE - 889-385-2462 FAX

ENGINEER JOB #
15071

**HIGHLANDS COUNTY
 EMERGENCY MEDICAL SERVICES
 PARKWAY SUB-STATION
 PROPOSED ELEVATIONS**

DRAWING SCALE
1"=15'
 SHEET
2 OF 6



Project Control Point #1:
 N: 4221.5542
 E: 29944.6667
 Elev. = 126.72

Project Control Point #2:
 N: 4442.0060
 E: 29871.4595
 Elev. = 127.87

LINE LEGEND

	EDGE OF PAVEMENT
	PROJECT BOUNDARY
	TOP OF BANK
	TOE OF SLOPE
	EXISTING CHAIN LINK FENCE
	SILT/TURBIDITY SCREENS
	RETENTION POND
	BUILDING BOUNDARY
	EXISTING WATERLINE
	PROPOSED CULVERT OR PIPE
	TYPE "F" CURB
	EXISTING CONTOURS
	PERIMETER PROPOSED CONTOURS
	PROPOSED EDGE OF PAVEMENT
	RUNOFF FLOW DIRECTION
	TRAFFIC DIRECTION ARROW (NOT PAINTED)

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CH	DR	MLW	MLW	MLW	MLW	MLW	MLW
24-FEB-16	INITIAL SUBMITTAL	12-APR-16	SW/WD ELEVATION AND DISCHARGE CLARIFICATIONS	21-APR-16	CHANGE OF SITE PAVEMENT REQUIREMENTS	29-APR-16	DISCHARGE STRUCTURE CLARIFICATION
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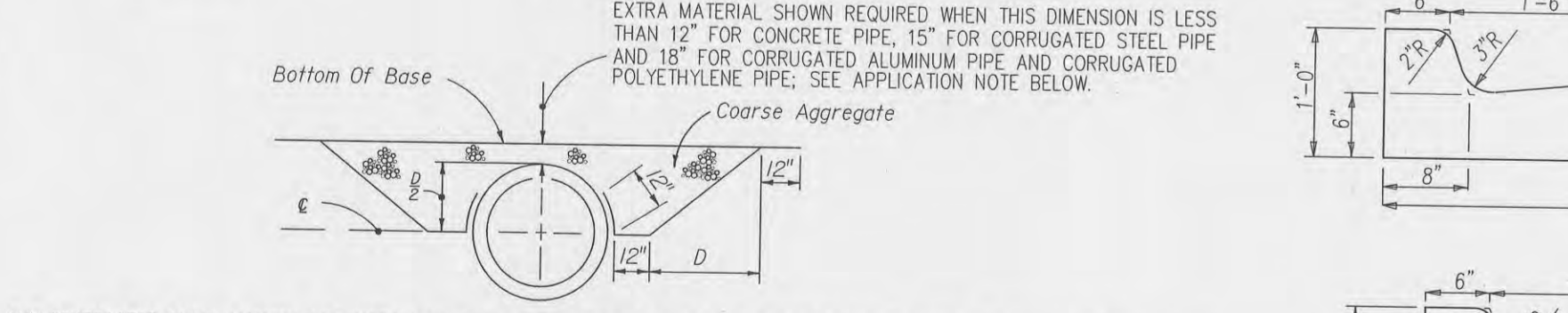
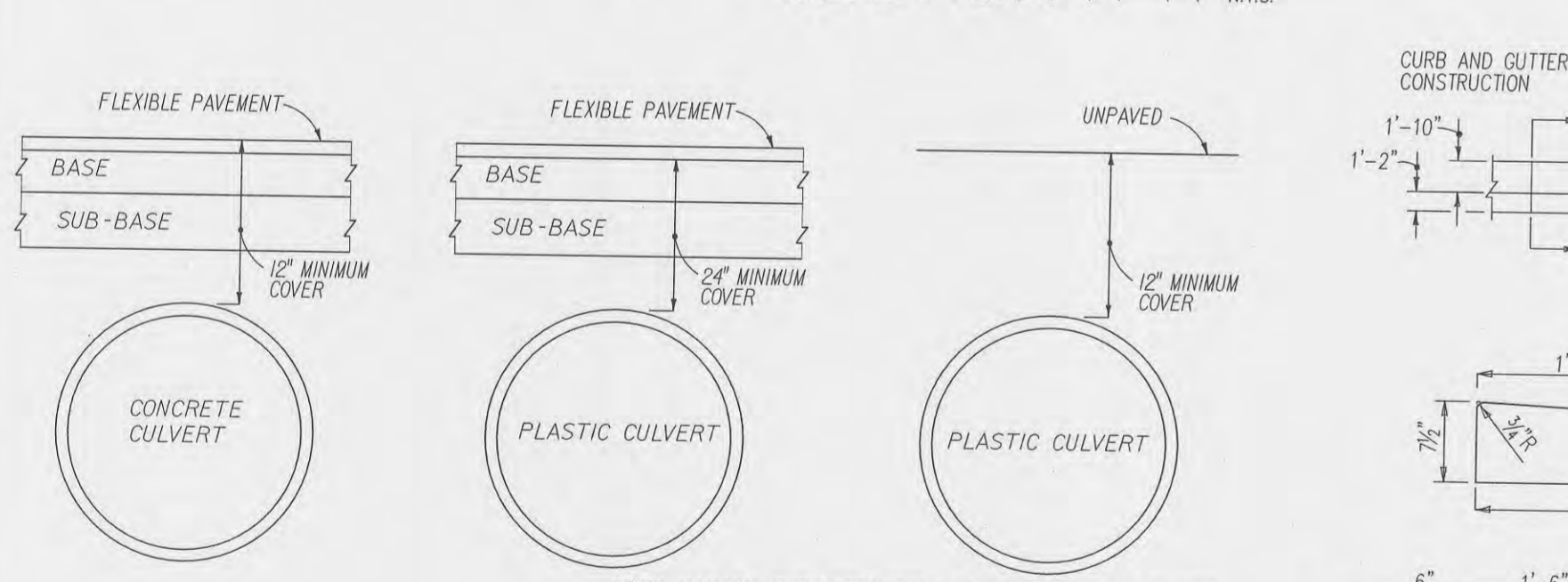
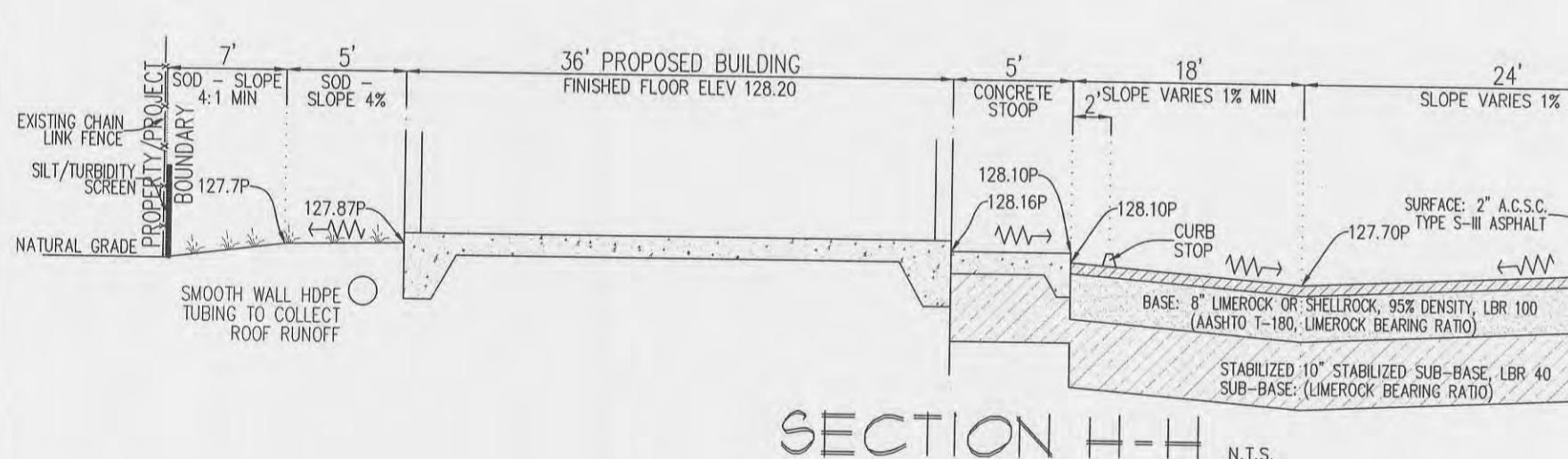
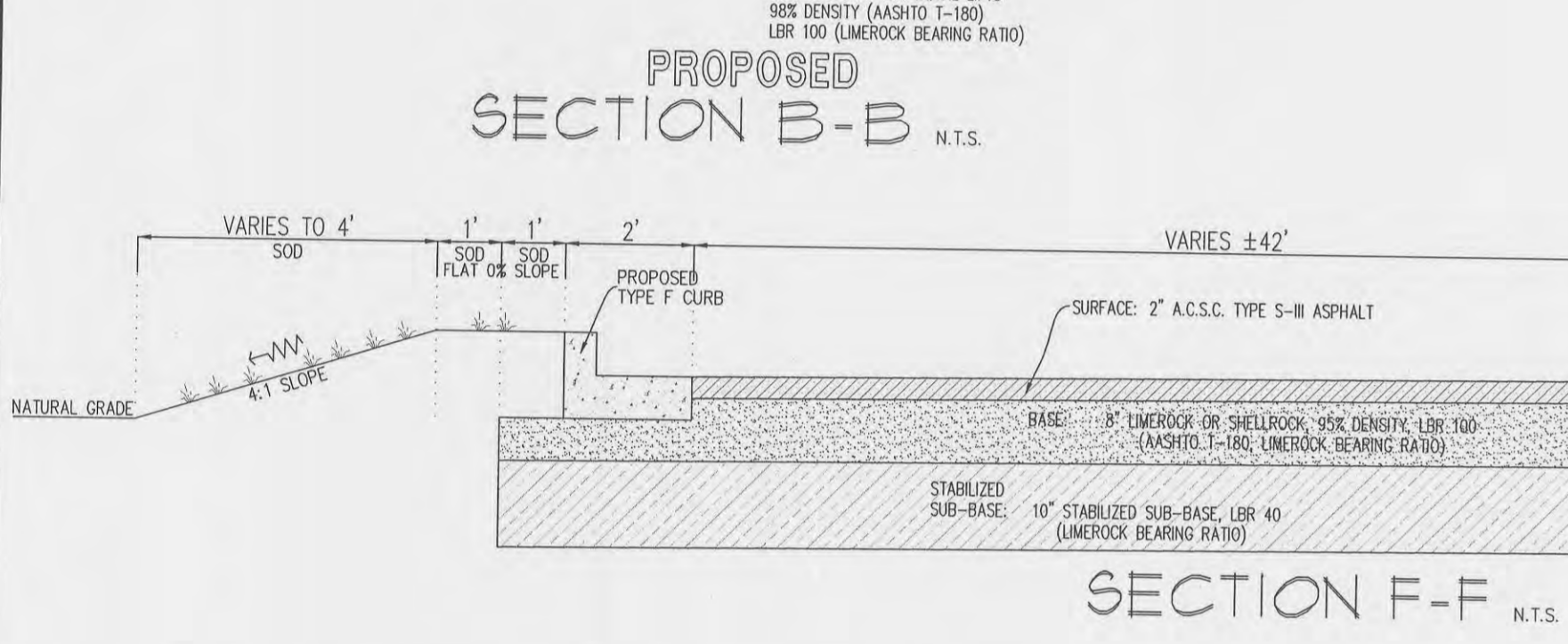
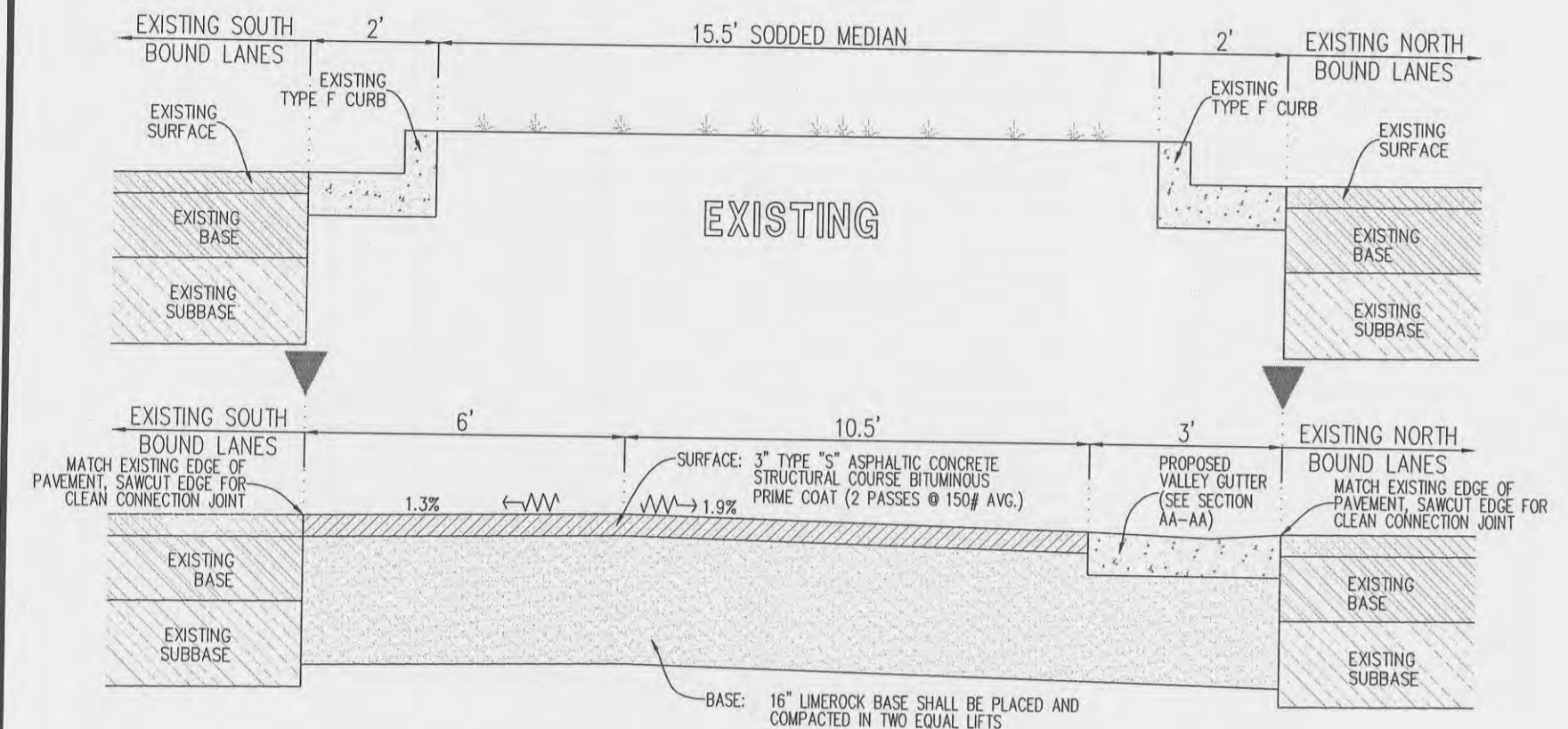
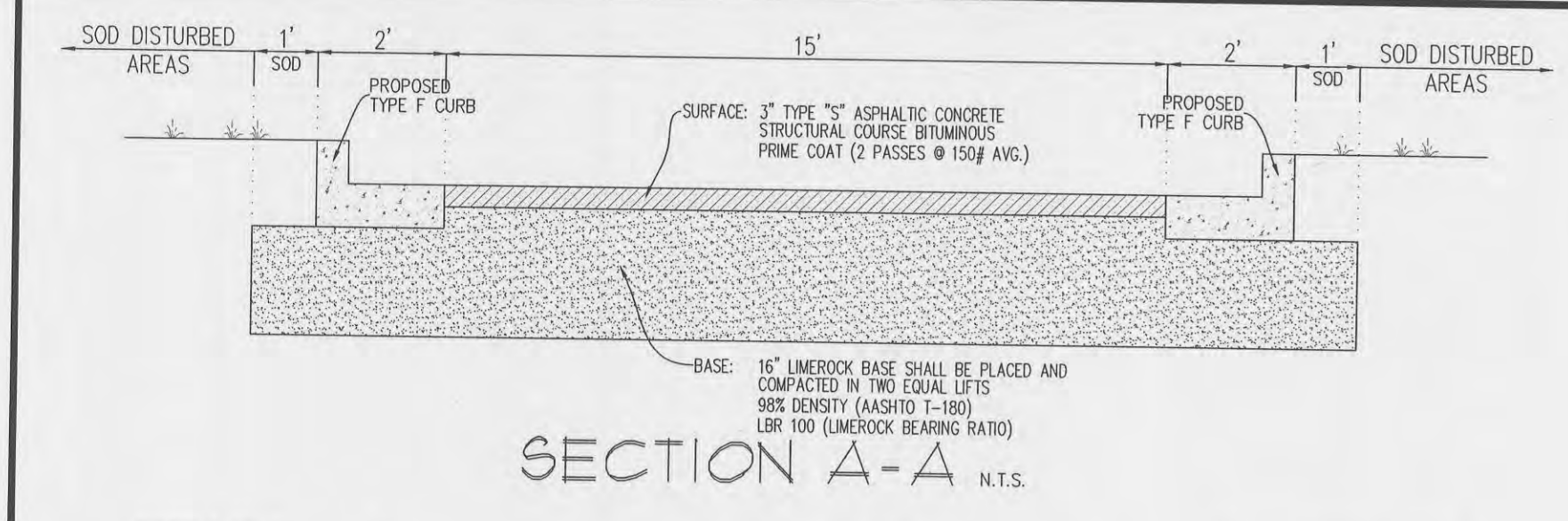
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15071

**HIGHLANDS COUNTY
 EMERGENCY MEDICAL SERVICES
 PARKWAY SUB-STATION
 PROPOSED DIMENSIONS**

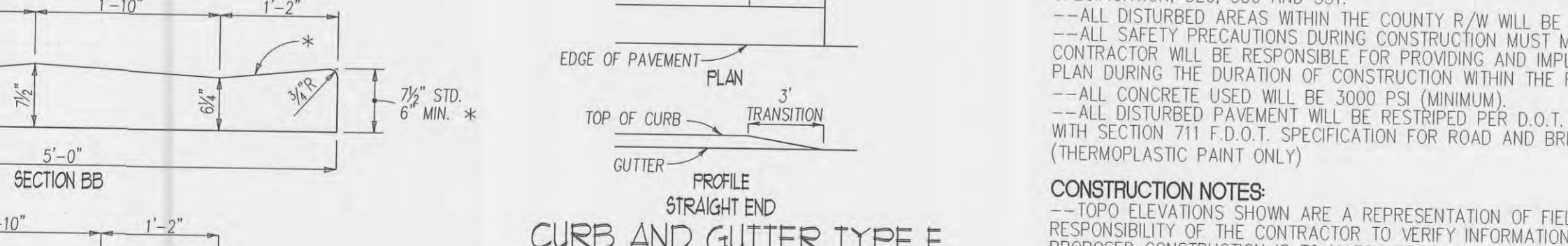
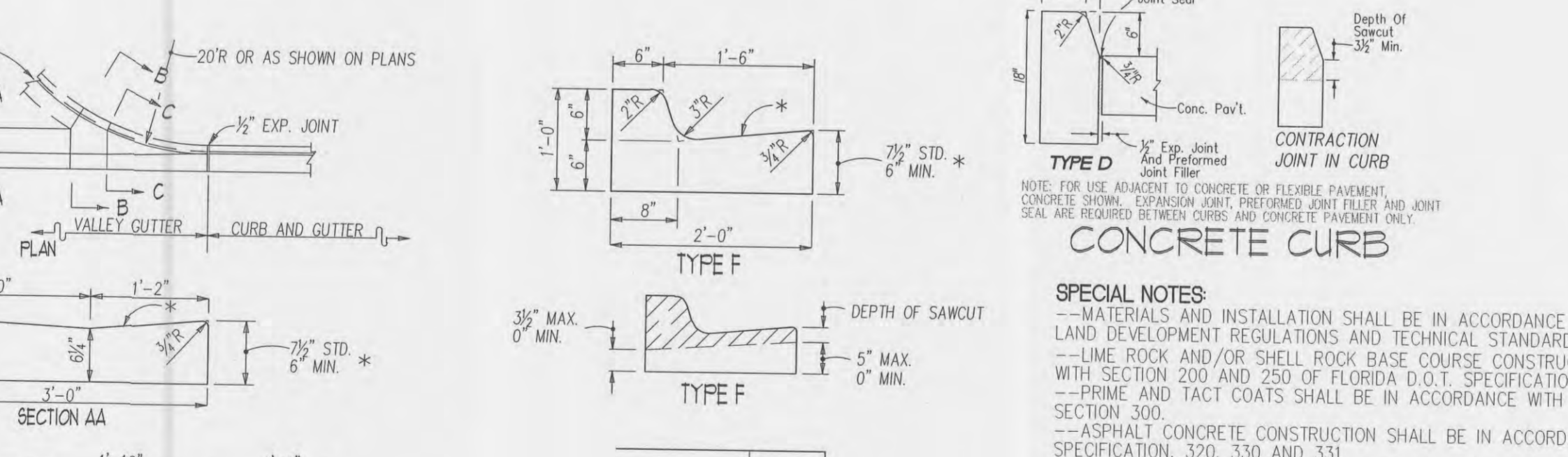
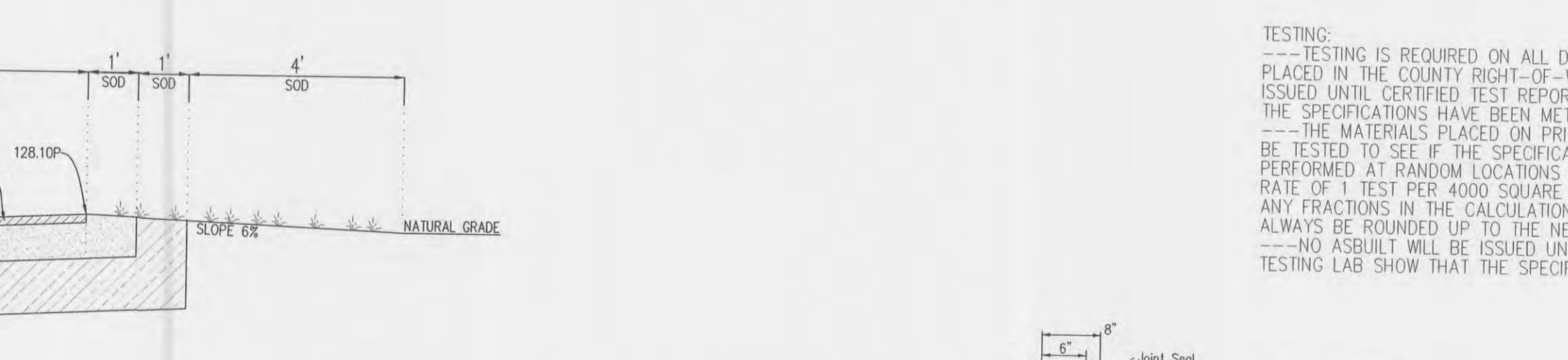
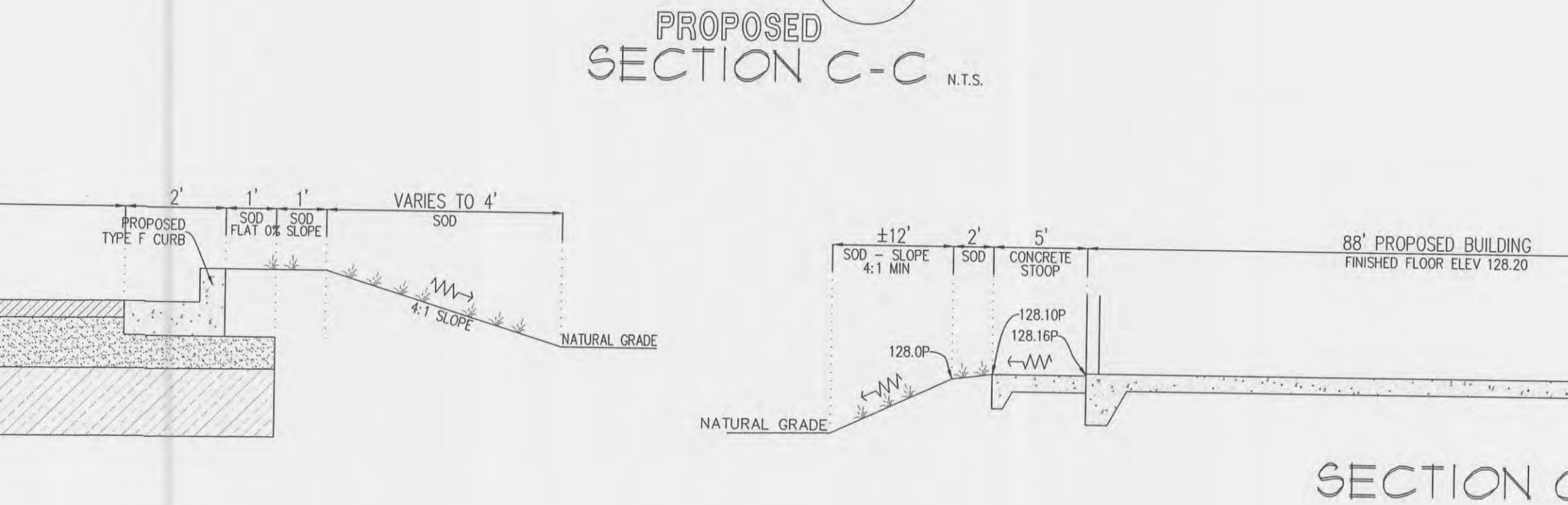
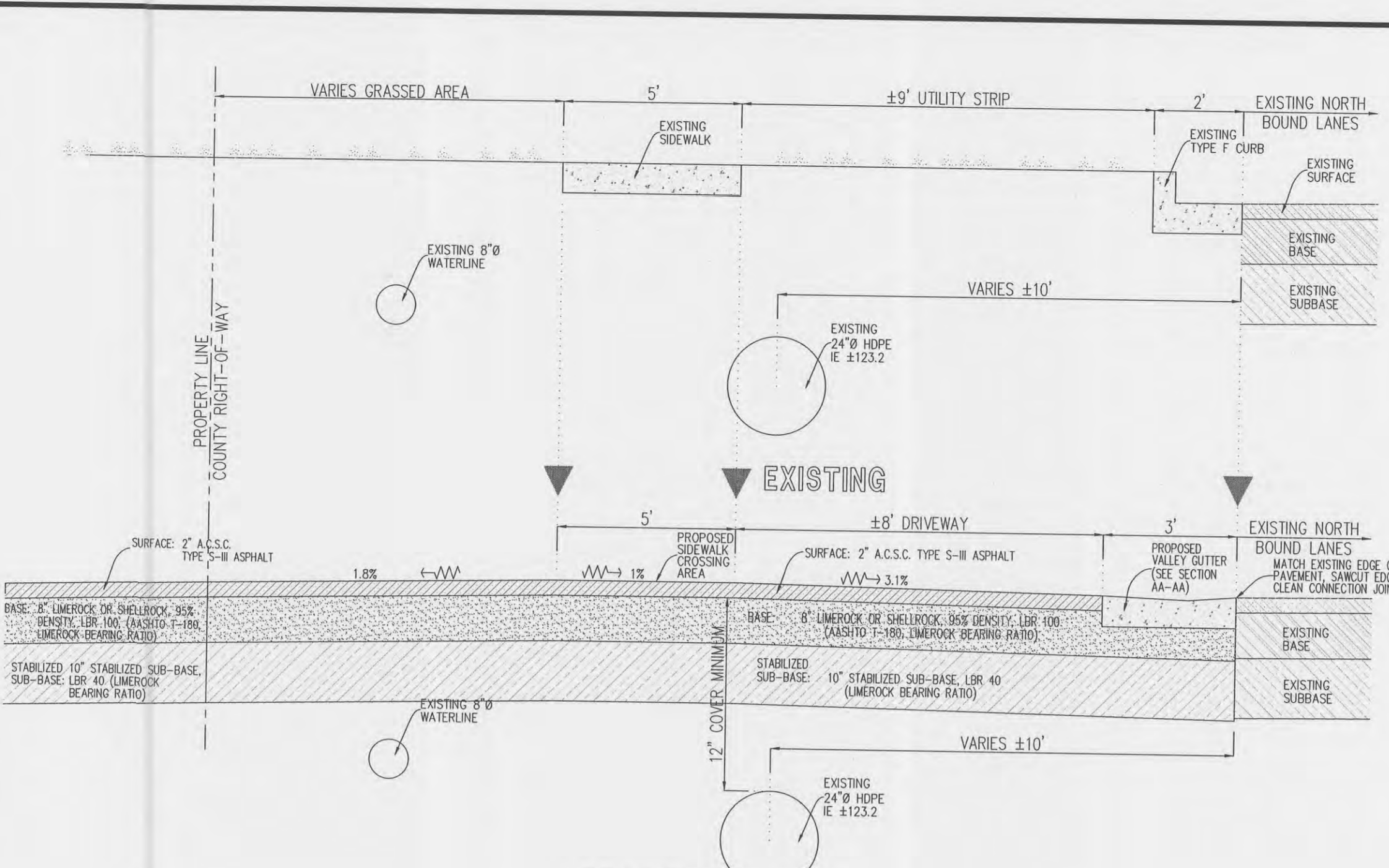
DRAWING SCALE
1"=10'
 SHEET
3 OF 6



THE CONTRACTOR SHALL FURNISH AND INSTALL COARSE AGGREGATE ON FILTER FABRIC. THE COARSE AGGREGATE SHALL BE PLACED IN 6 INCH LIFTS AND COMPACTED SUFFICIENTLY AS TO BE FIRM AND UNDEFORMED. THE COARSE AGGREGATE SHALL BE GRAVEL OR STONE MEETING THE REQUIREMENTS OF SECTION 90-2 OR 90-3 RESPECTIVELY. THE GRADATION SHALL MEET SECTION 90-6, GRADES 4, 4ET, 5, 5E, OR 5F UNLESS RESTRICTED IN THE PLANS. THE FILTER FABRIC SHALL BE TYPE D-5 (SEE INDEX 189). THE COST OF FURNISHING AND INSTALLING THE COARSE AGGREGATE AND FILTER FABRIC SHALL BE INCLUDED IN THE COST OF THE CULVERT.

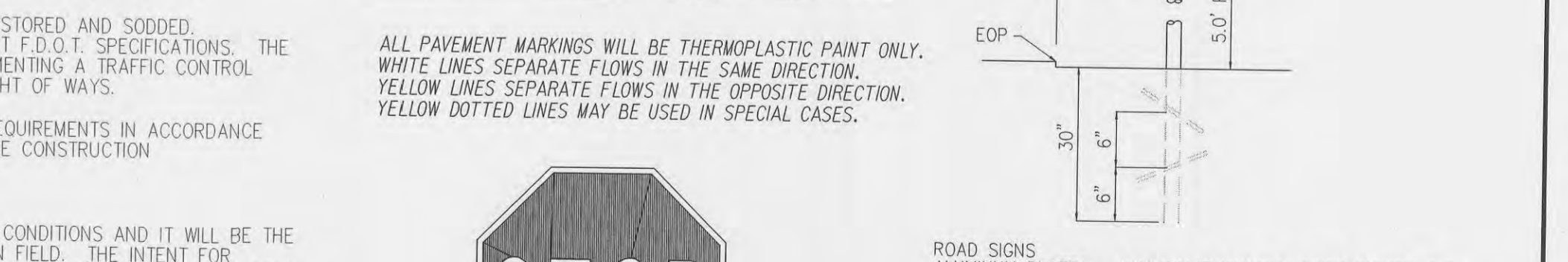
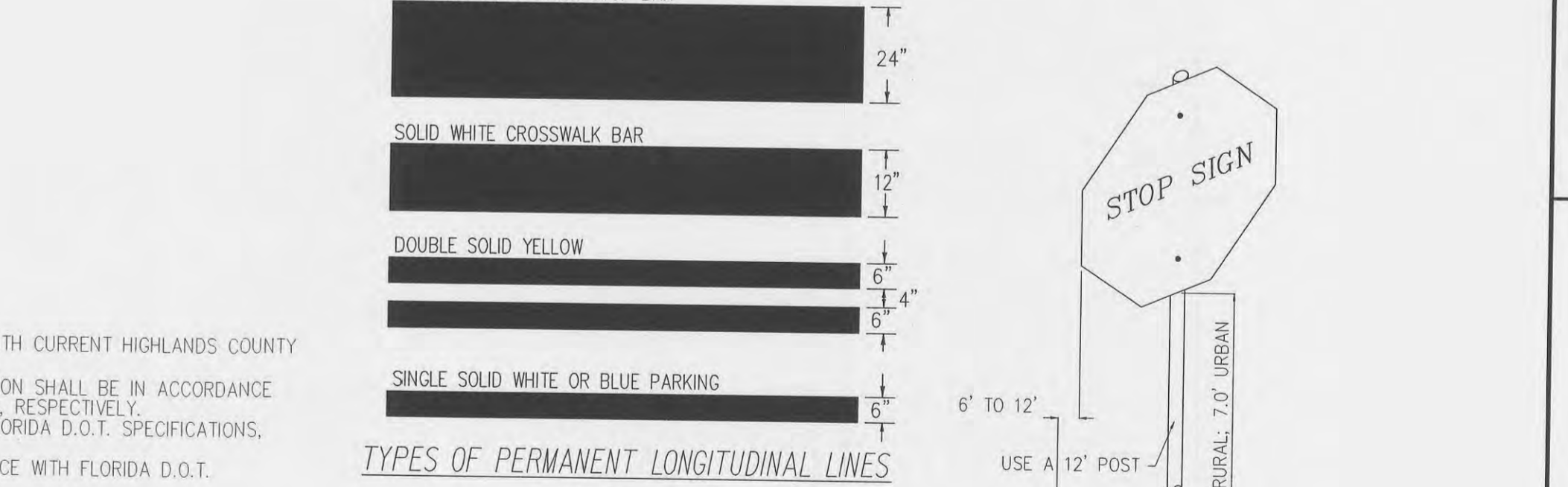
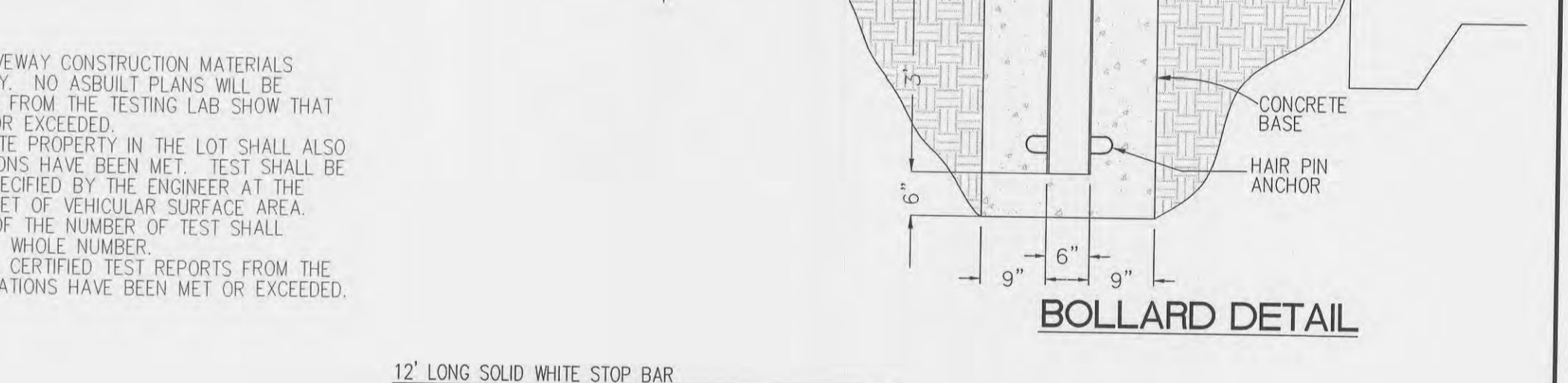
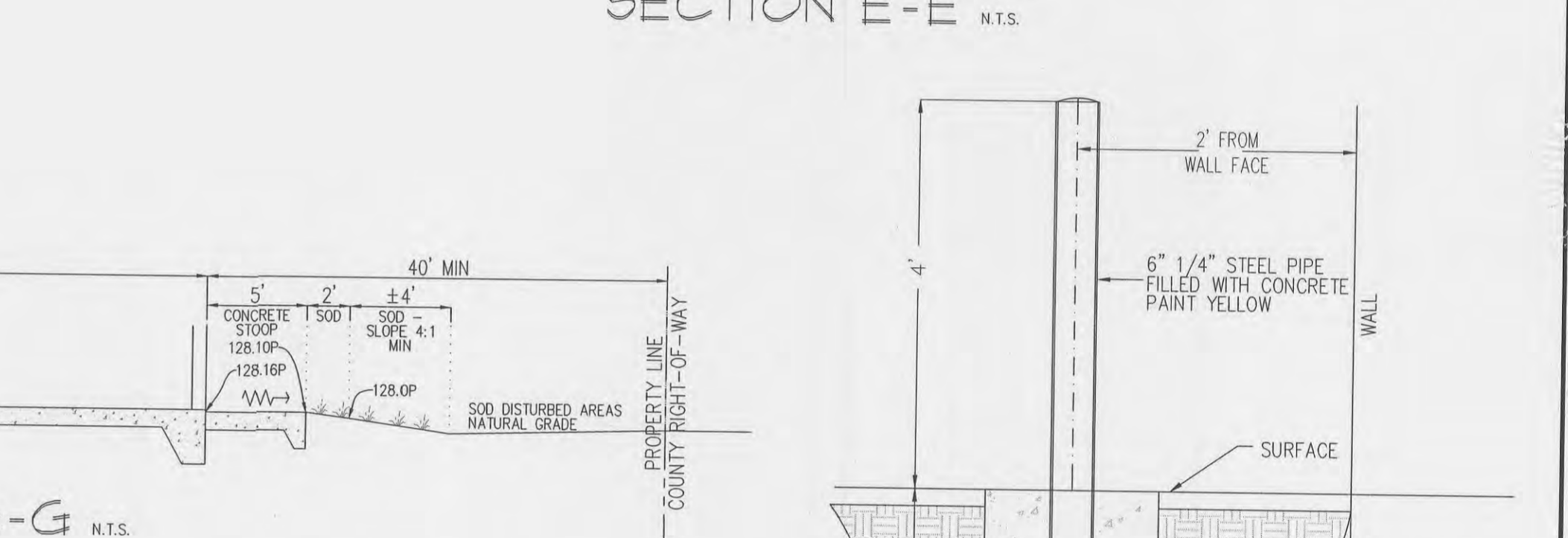
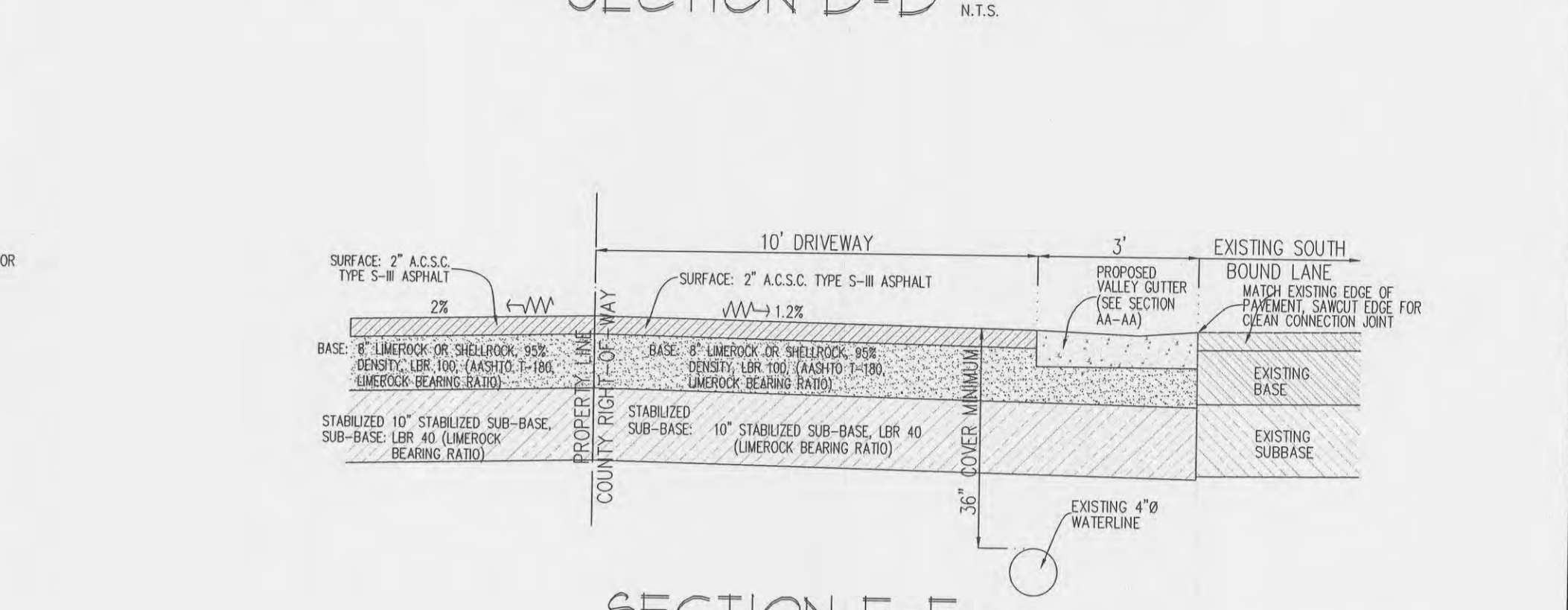
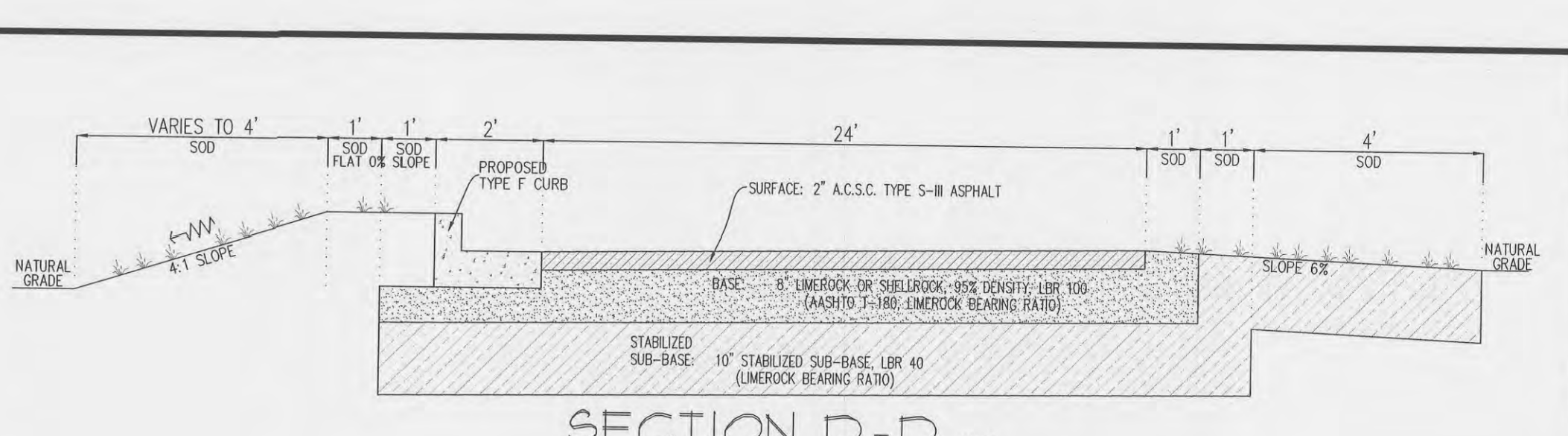
GENERAL NOTES:
 1. THE TABULATED VALUES ARE RECOMMENDED MINIMUM DIMENSIONS TO WITHSTAND ANTICIPATED HIGHWAY TRAFFIC LOADS. ADDITIONAL COVER MAY BE REQUIRED TO SUPPORT CONSTRUCTION EQUIPMENT LOADS OR HIGHWAY TRAFFIC LOADS BEFORE PAVEMENT IS COMPLETED.
 2. LESS THAN THE TABULATED MINIMUM COVER MAY BE USED PROVIDED SUITABLE METHODS ARE DETAILED IN THE PLANS. THESE FEATURES MAY INCLUDE BUT ARE NOT LIMITED TO EXTRA STRENGTH PIPE, SELECT BEDDING, SELECT BACK FILL AND ENCASEMENT.
 3. VALUES SHOWN IN PARENTHESES ARE FOR 3/4\"/>

EXTRA BASE FOR CROSS CULVERTS UNDER FLEXIBLE PAVEMENTS
 MINIMUM COVER FOR CONCRETE, STEEL, ALUMINUM AND POLYETHYLENE PIPE



GENERAL NOTES:
 1. FOR CURB, GUTTER AND CURB & GUTTER PROVIDE 1/4\"/>

CONCRETE CURB AND GUTTER



STOP SIGN
 RI-1 36"x36" W/R

ROAD SIGNS
 ALUMINUM PLATES - MINIMUM THICKNESS 0.080 INCHES, DIE CUT ALCOA ALLOY 6061-T6 OR EQUAL. WHITE LETTERS WITH GREEN REFLECTORIZED BACKGROUND.

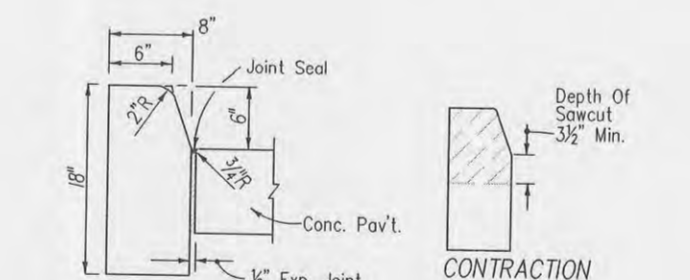
STOP SIGN
 ALUMINUM PLATES - MINIMUM THICKNESS 0.080 INCHES, DIE CUT ALCOA ALLOY 6061-T6 OR EQUAL. WHITE LETTERS WITH RED REFLECTORIZED BACKGROUND. STANDARD SIZE: 36"

BASE DETAIL
 CROSSPIN - (2) 3/8"x12" THROUGH PIPE, PERPENDICULAR TO EACH OTHER, REQUIRED.

NOTE:
 THE SIGN SHIELDS, SYMBOLS AND MESSAGES CONTAINED ON THIS SHEET ARE PROVIDED FOR READY REFERENCE TO THOSE SIGNS USED IN THE DEVELOPMENT OF THE 600 SERIES ROADWAY DESIGN STANDARDS AND ARE COMMONLY USED IN THE DEVELOPMENT OF TRAFFIC CONTROL PLANS.
 FOR ADDITIONAL SIGNS AND SIGN DETAIL INFORMATION REFER TO THE STANDARD HIGHWAY SIGNS MANUAL AS SPECIFIED IN THE MUTCD. SPECIAL SIGNS FOR TRAFFIC CONTROL PLANS WILL BE AS APPROVED BY THE STATE TRAFFIC PLANS ENGINEER.

STOP SIGN DETAILS

TESTING:
 TESTING IS REQUIRED ON ALL DRIVEWAY CONSTRUCTION MATERIALS PLACED IN THE COUNTY RIGHT-OF-WAY. NO ASBUILT PLANS WILL BE ISSUED UNTIL CERTIFIED TEST REPORTS FROM THE TESTING LAB SHOW THAT THE SPECIFICATIONS HAVE BEEN MET OR EXCEEDED.
 --THE MATERIALS PLACED ON PRIVATE PROPERTY IN THE LOT SHALL ALSO BE TESTED TO SEE IF THE SPECIFICATIONS HAVE BEEN MET. TEST SHALL BE PERFORMED AT RANDOM LOCATIONS SPECIFIED BY THE ENGINEER AT THE RATE OF 1 TEST PER 4000 SQUARE FEET OF VEHICULAR SURFACE AREA. ANY FRACTIONS IN THE CALCULATION OF THE NUMBER OF TEST SHALL ALWAYS BE ROUNDED UP TO THE NEXT WHOLE NUMBER.
 --NO ASBUILT WILL BE ISSUED UNTIL CERTIFIED TEST REPORTS FROM THE TESTING LAB SHOW THAT THE SPECIFICATIONS HAVE BEEN MET OR EXCEEDED.



CONCRETE CURB

SPECIAL NOTES:
 --MATERIALS AND INSTALLATION SHALL BE IN ACCORDANCE WITH CURRENT HIGHLANDS COUNTY LAND DEVELOPMENT REGULATIONS AND TECHNICAL STANDARDS.
 --LIME ROCK AND/OR SHELL ROCK BASE COURSE CONSTRUCTION SHALL BE IN ACCORDANCE WITH SECTION 200 AND 250 OF FLORIDA D.O.T. SPECIFICATIONS, RESPECTIVELY.
 --PRIME AND TACT COATS SHALL BE IN ACCORDANCE WITH FLORIDA D.O.T. SPECIFICATIONS, SECTION 300.
 --ASPHALT CONCRETE CONSTRUCTION SHALL BE IN ACCORDANCE WITH FLORIDA D.O.T. SPECIFICATION, 320, 330 AND 331.
 --ALL DISTURBED AREAS WITHIN THE COUNTY R/W WILL BE RESTORED AND SOODED.
 --ALL SAFETY PRECAUTIONS DURING CONSTRUCTION MUST MEET F.D.O.T. SPECIFICATIONS. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND IMPLEMENTING A TRAFFIC CONTROL PLAN DURING THE DURATION OF CONSTRUCTION WITHIN THE RIGHT OF WAYS.
 --ALL CONCRETE USED WILL BE 3000 PSI (MINIMUM).
 --ALL DISTURBED PAVEMENT WILL BE RESTRIPE PER D.O.T. REQUIREMENTS IN ACCORDANCE WITH SECTION 711 F.D.O.T. SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION (THERMOPLASTIC PAINT ONLY).

CONSTRUCTION NOTES:
 --TOP OF ELEVATIONS SHOWN ARE A REPRESENTATION OF FIELD CONDITIONS AND IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY INFORMATION IN FIELD. THE INTENT FOR PROPOSED CONSTRUCTION IS TO MATCH THE EXISTING SLOPE OF THE ROADWAY AND SHOULDERS (UNLESS SHOWN OTHERWISE).
 --THESE PLANS HAVE BEEN DRAWN TO DEPICT THE REQUIRED CONSTRUCTION WITHIN THE PROJECT AREA. IN CERTAIN CASES THE SIZE AND/OR LOCATION OF PROPOSED CONSTRUCTION HAS BEEN BLOWN UP TO SHOW ITEMS. THEREFORE, LOCATIONS ON THE DRAWINGS MAY NOT BE EXACT AND SHOULD NOT BE SCALED FOR CONSTRUCTION. ITEMS SUCH AS INLETS, CULVERTS, MITERED END SECTIONS, SIGNS, STRIPING, TURN LANES, SLOPES ETC. WILL NEED TO BE CONSTRUCTED USING EXISTING SITE CONDITIONS AND CURRENT F.D.O.T. CONSTRUCTION REQUIREMENTS AND REGULATIONS.

PAVEMENT AND CURB REMOVAL:
 --SAW CUT AND REMOVE THE PORTIONS OF THE ASPHALT AND CURB WHICH ARE TO BE REMOVED. DEBRIS SHALL BE HAULED TO A SITE APPROVED FOR RECEIVING CONSTRUCTION DEBRIS.

PAINTING TRAFFIC STRIPES:
 --ALL PAVEMENT MARKINGS WITHIN PROJECT AREA SHALL BE THERMOPLASTIC.
 --ALL EXISTING PAVEMENT MARKINGS THAT ARE IN CONFLICT WITH PROPOSED MARKINGS SHALL BE REMOVED BY HYDRO-BLASTING.
 --PAVEMENT MARKINGS WITHIN THE STATE AND COUNTY RIGHT OF WAY SHALL CONFORM TO THE LATEST EDITION OF THE FLORIDA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATION FOR ROAD AND BRIDGE CONSTRUCTION", SECTION 710 AND SECTION 711.
 --ALL CONSTRUCTION WITHIN THE PROJECT IS TO BE IN ACCORDANCE WITH THE CURRENT HIGHLANDS COUNTY LAND DEVELOPMENT REGULATIONS AND TECHNICAL STANDARDS.
 --ALL SIGNING AND STRIPING WITHIN THE COUNTY RIGHT-OF-WAY IS TO BE IN ACCORDANCE WITH THE CURRENT HIGHLANDS COUNTY LAND DEVELOPMENT REGULATIONS AND TECHNICAL STANDARDS.

CURB AND GUTTER TYPE F CURB AND GUTTER ENDINGS

DATE	REMARK
24-FEB-18	INITIAL SUBMITTAL
12-APR-16	SW AND ELEVATION AND DISCHARGE CLARIFICATIONS
21-APR-16	CHANGE OF SITE PAVEMENT REQUIREMENTS
29-APR-16	DISCHARGE STRUCTURE CLARIFICATION
27-JUN-16	PLANS FOR FINAL REVIEW
18-AUG-16	PLANS FOR BID

CERTIFICATE OF AUTHORIZATION #5684
 ROGER DALE POLSTON P. E. # 33222
 MARVIN LUTHER WOLFE P. E. # 46030

8/26/16

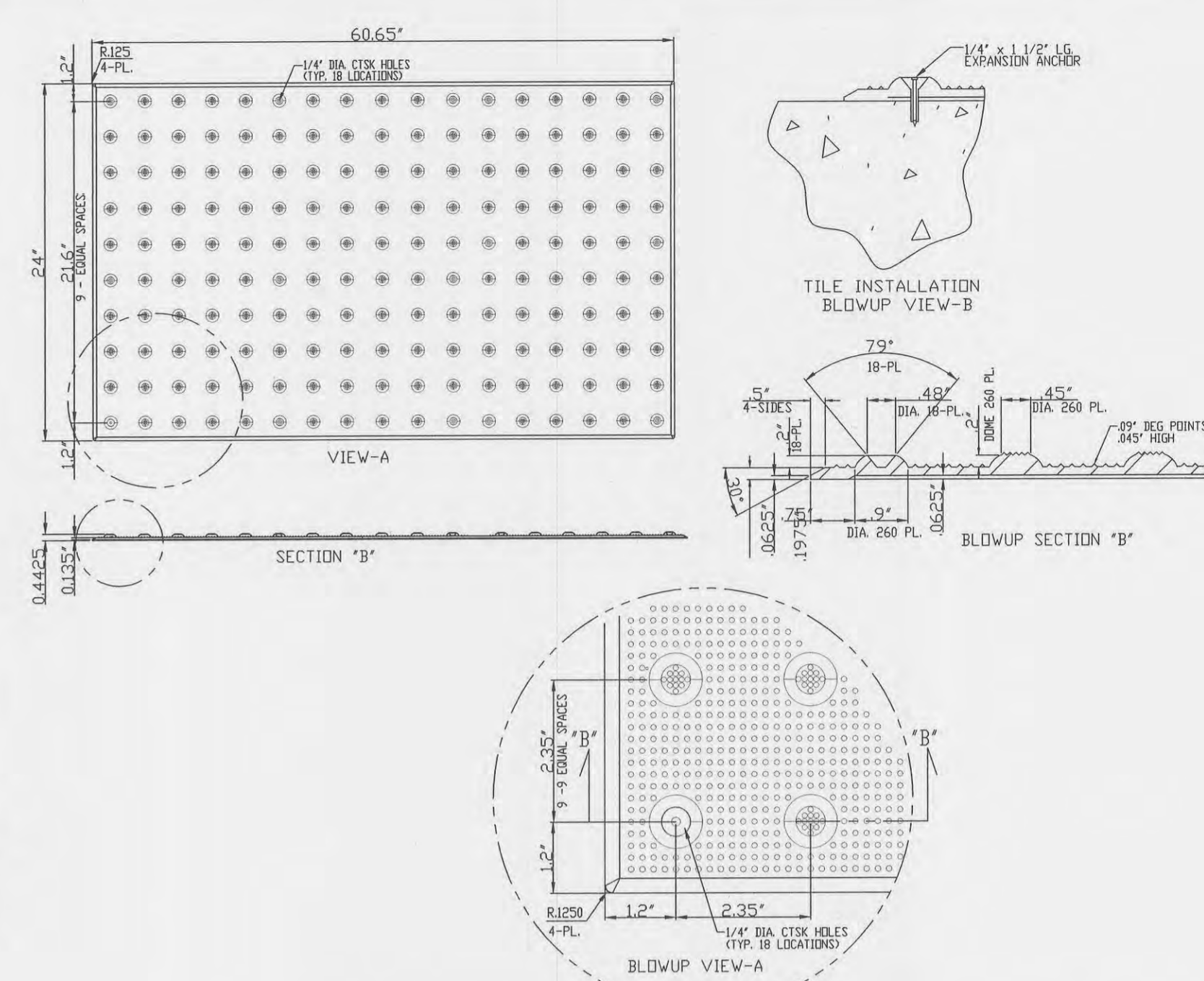
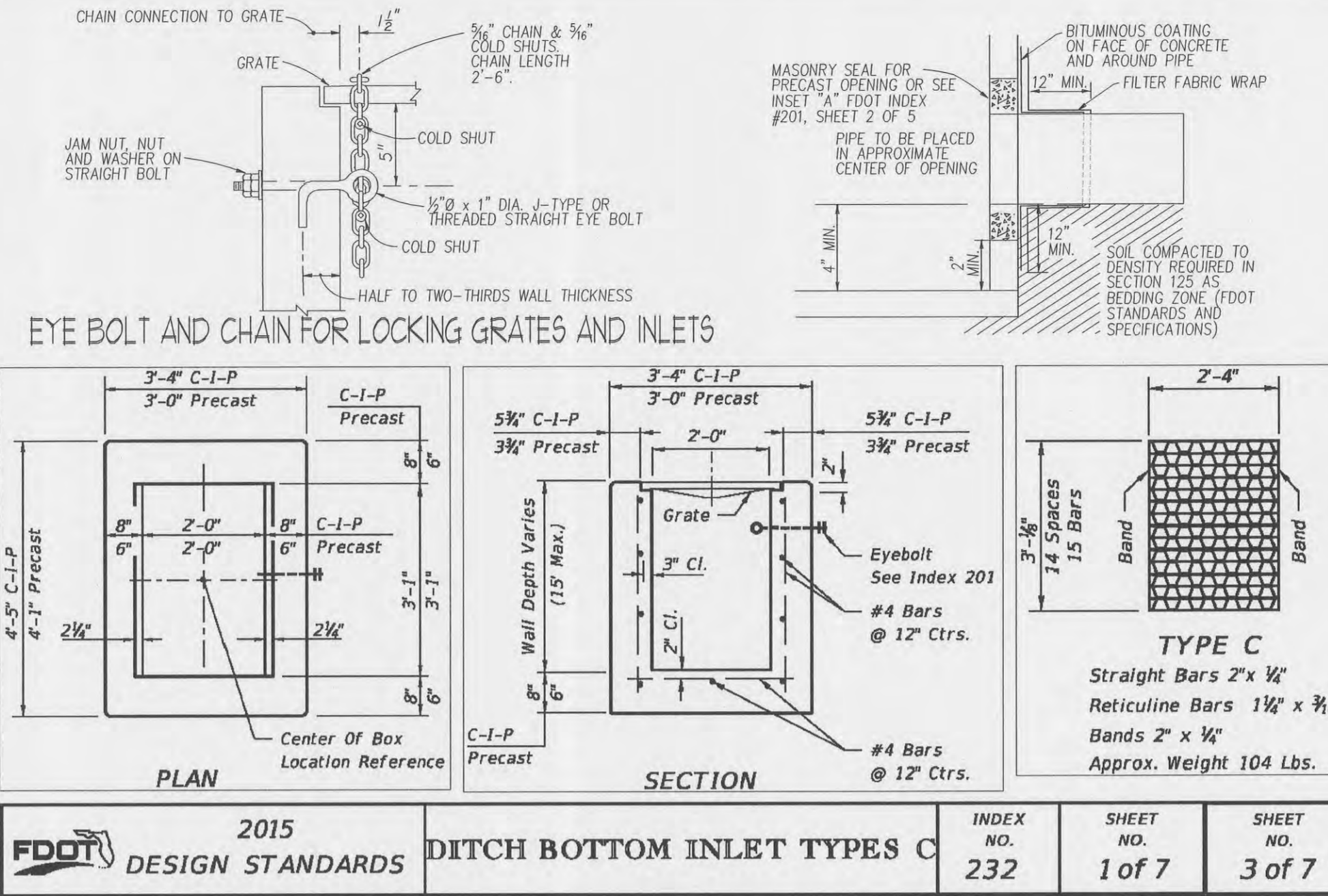
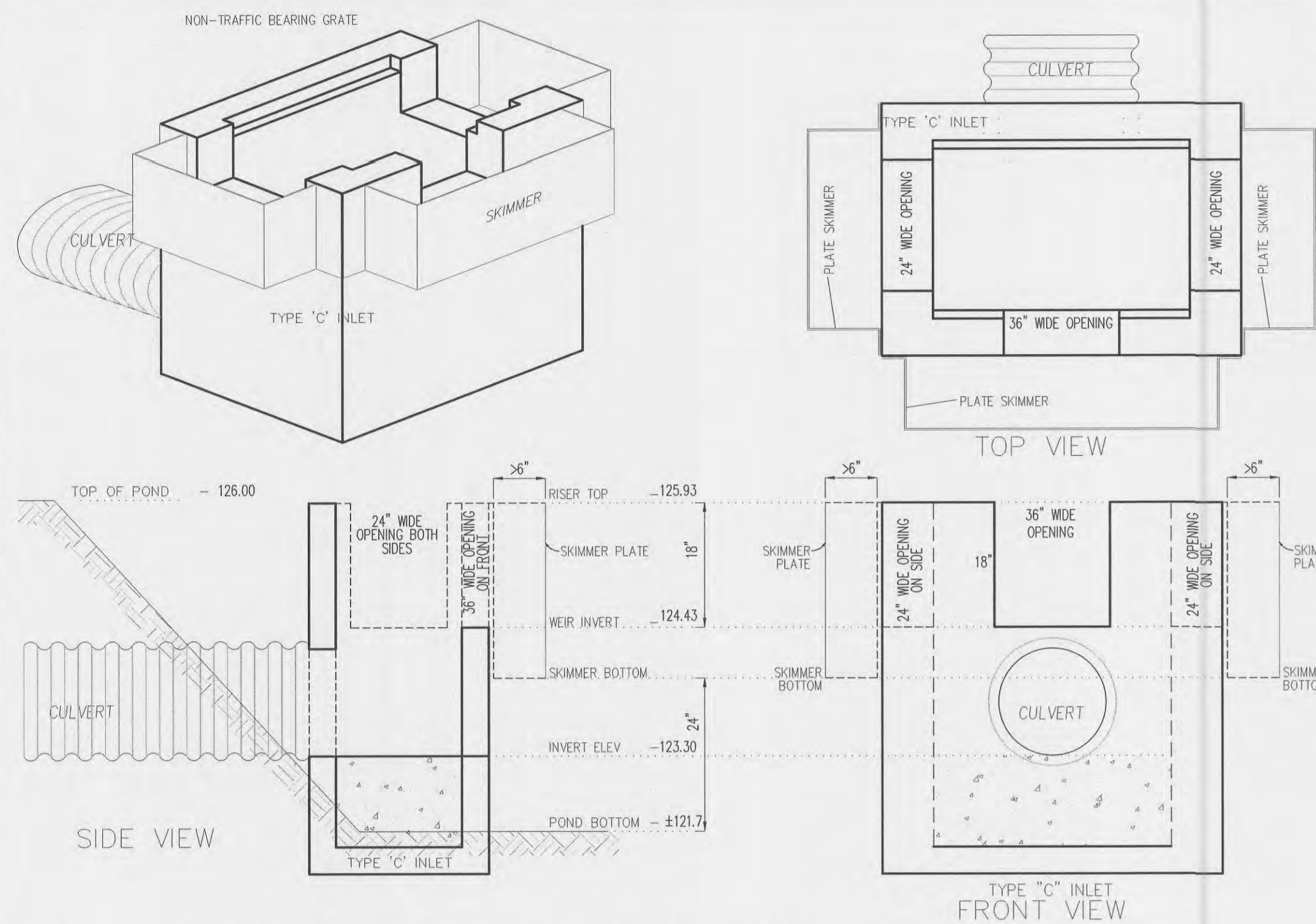
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Polston Engineering Inc.
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 2925 KENILWORTH BLVD., SEBRING, FLORIDA 38870
 863-385-5564 PHONE - 863-385-2462 FAX

ENGINEER JOB #
15071

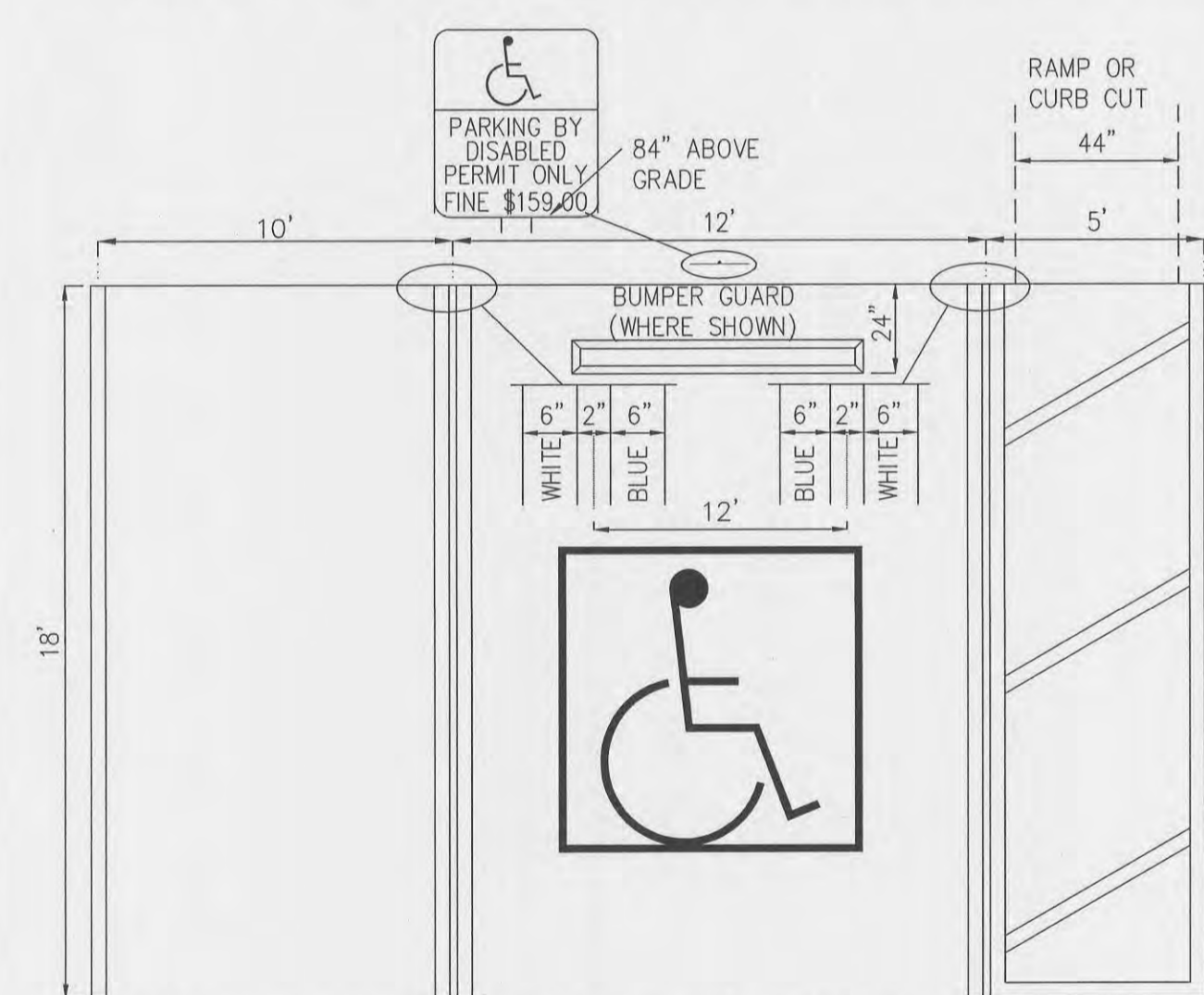
**HIGHLANDS COUNTY
 EMERGENCY MEDICAL SERVICES
 PARKWAY SUB-STATION
 DETAILS AND SECTIONS**

DRAWING SCALE
NTS
 SHEET
4 OF 6

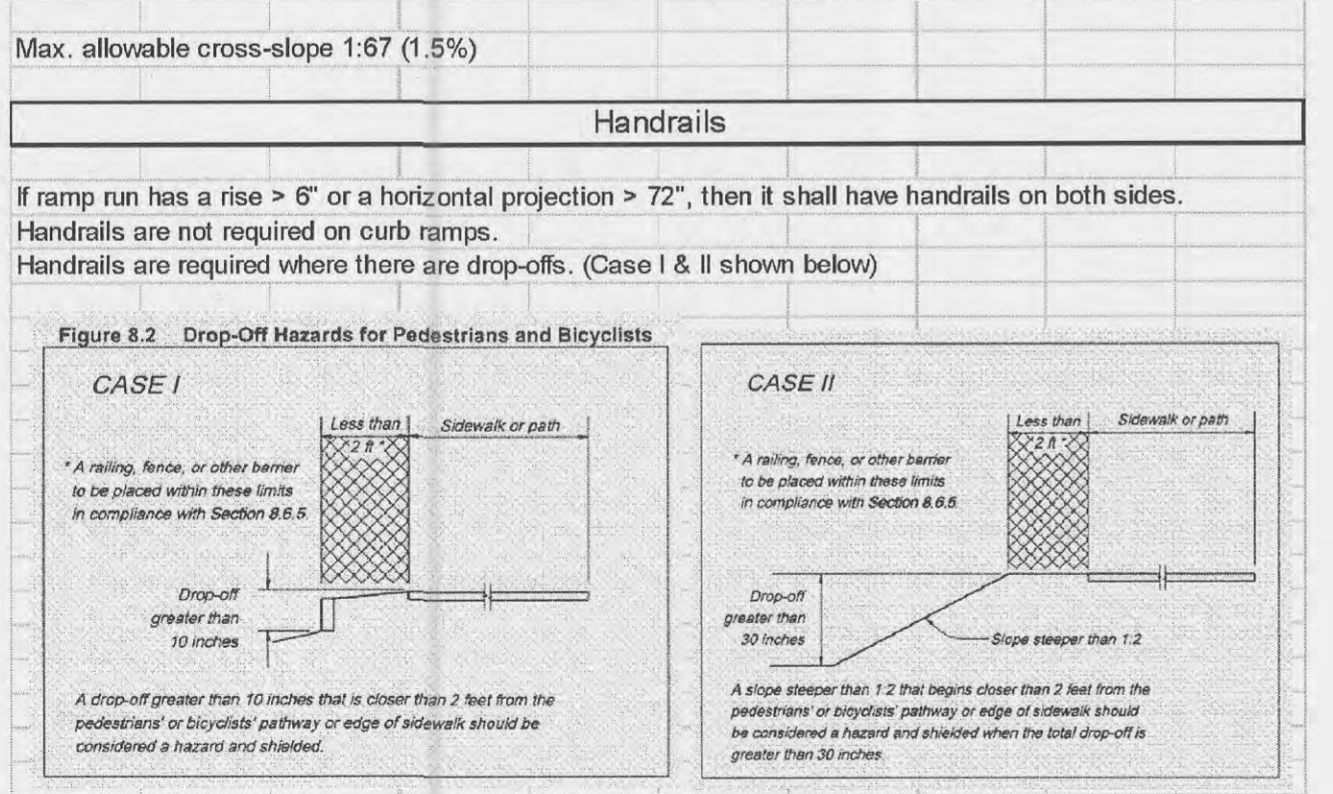


MODIFY EXISTING STRUCTURE BACK TO PERMITTED CONDITIONS
INFORMATION FOR EXISTING DISCHARGE STRUCTURE

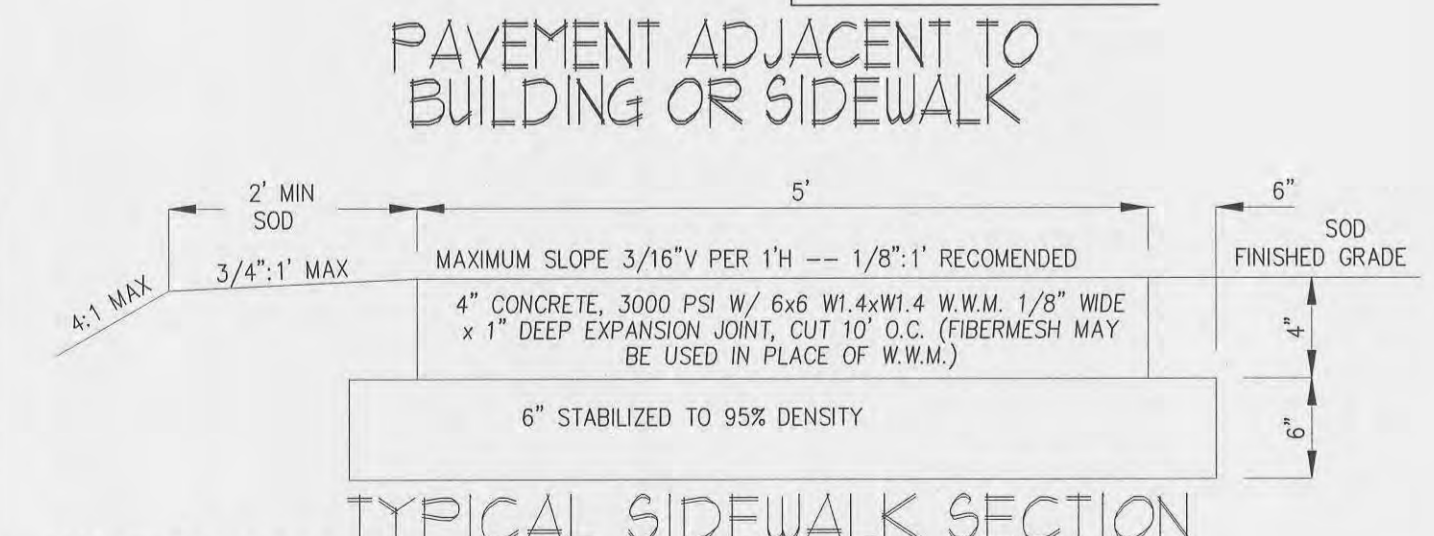
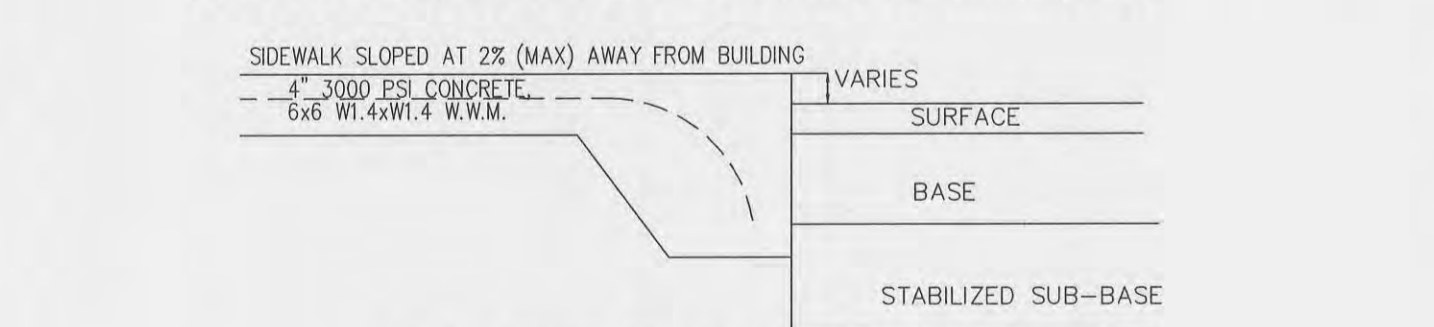
EXISTING DISCHARGE STRUCTURE



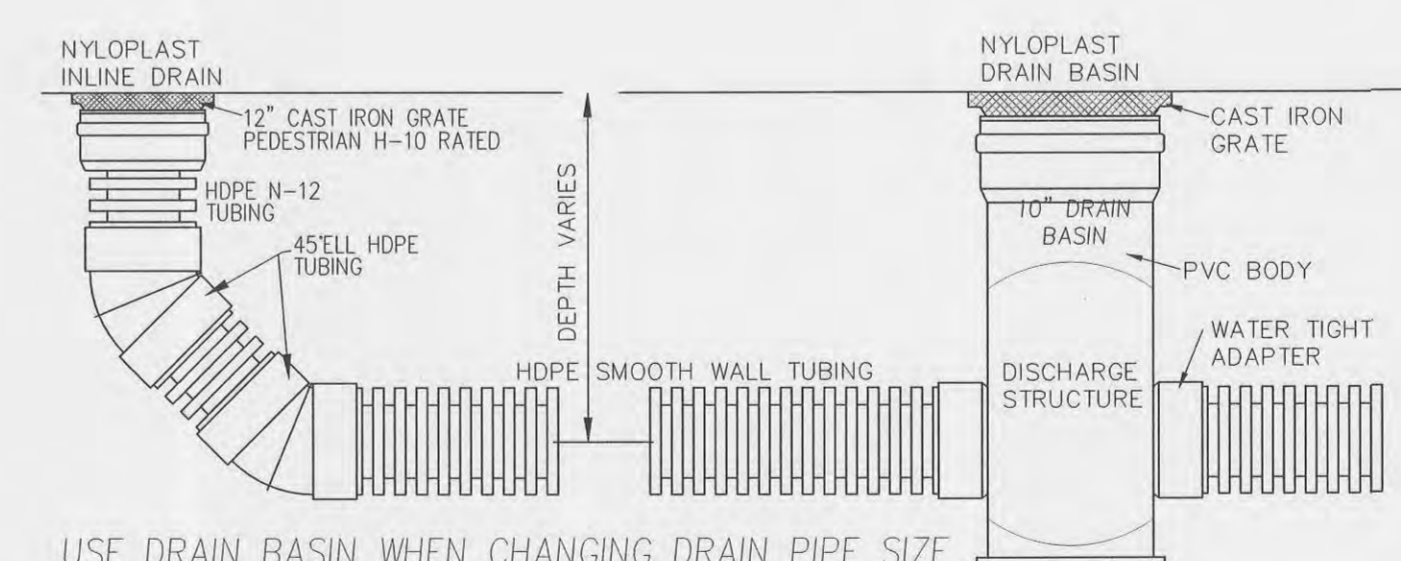
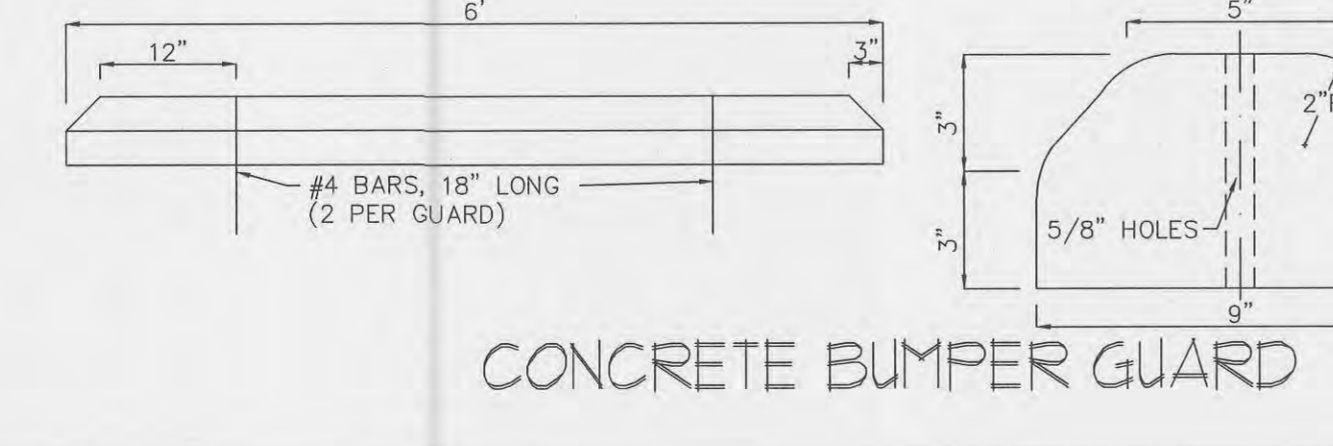
HANDICAP ACCESSIBILITY REQUIREMENTS	
Accessible Route Slope	
Running Slope < 1:20 (5%) max., otherwise it is considered a ramp.	
Ramps	
Running slope > 1:20 (5%)	
Ramp slope 1:20 (5%) to 1:16 (6.25%) can have a max. horizontal projection for 40'.	
Ramp slope 1:16 (6.25%) to 1:12 (8.33%) can have a max. horizontal projection for 30'.	
Max. slope 1:12 (8.33%)	
Ramps must have a 5' level landing above and a 6' level landing below ramp. ("level" means 1.5% or less slope)	
Cross-slope	
Max. allowable cross-slope 1:67 (1.5%)	
Handrails	
If ramp run has a rise > 6" or a horizontal projection > 72", then it shall have handrails on both sides.	
Handrails are not required on curb ramps.	
Handrails are required where there are drop-offs. (Case I & II shown below)	



-EACH ACCESSIBLE AISLE SHALL BE MARKED WITH 3-6" WHITE CHEVRONS EQUALLY SPACED PER AISLE.
-EACH SPACE SHALL BE MARKED WITH SIGNS ACCORDING TO FDOT FTP-20-06, FTP-22-06
-FOR SIGN FTP-22-06, THE PENALTY IN HIGHLANDS COUNTY IS CURRENTLY \$159.00

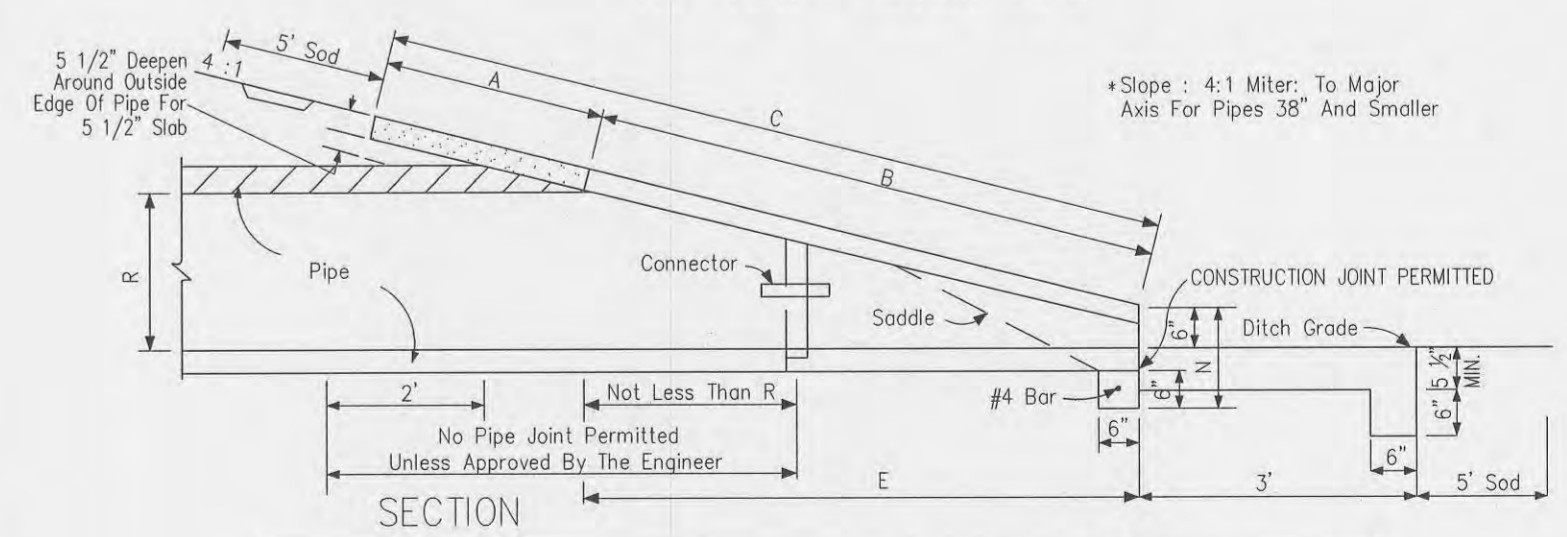
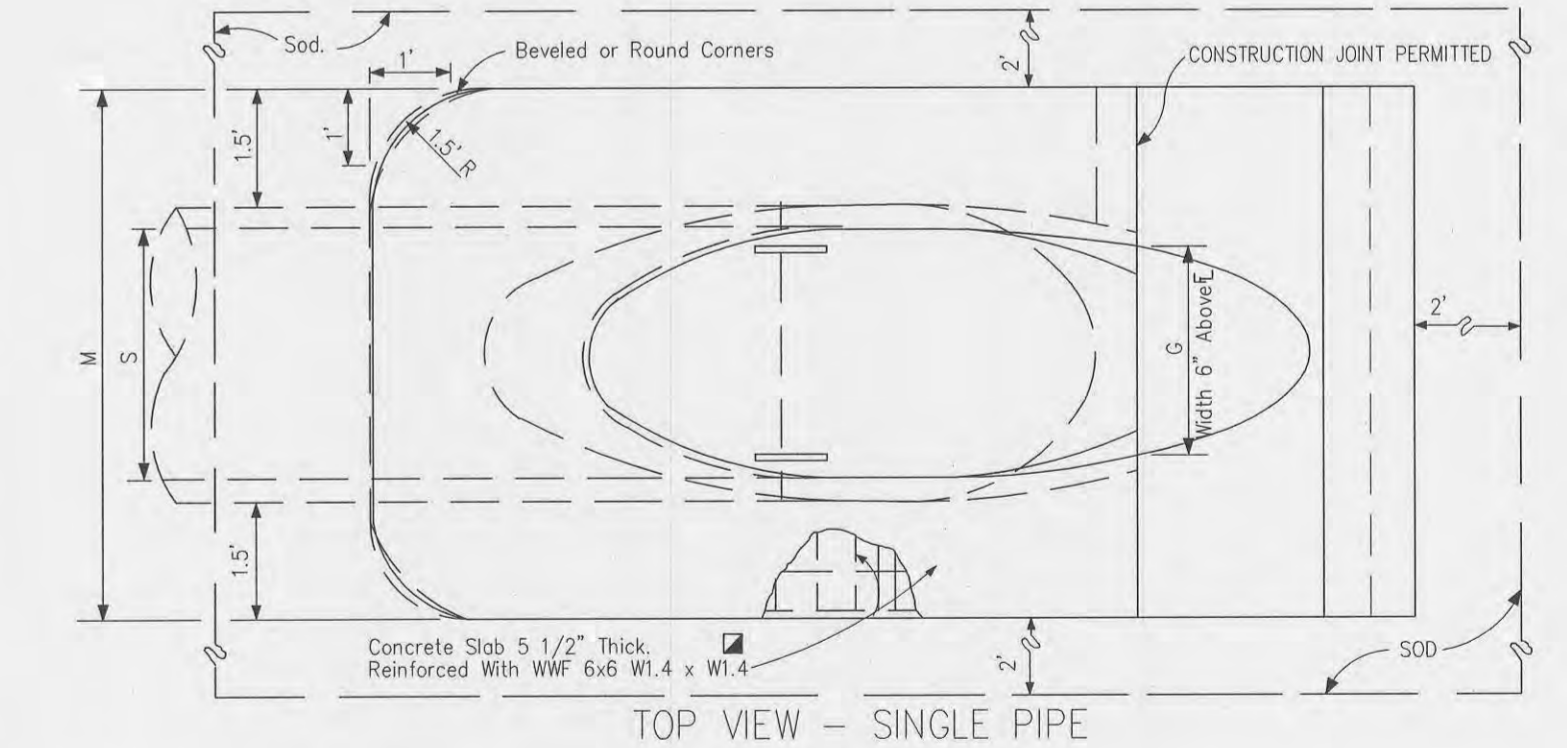
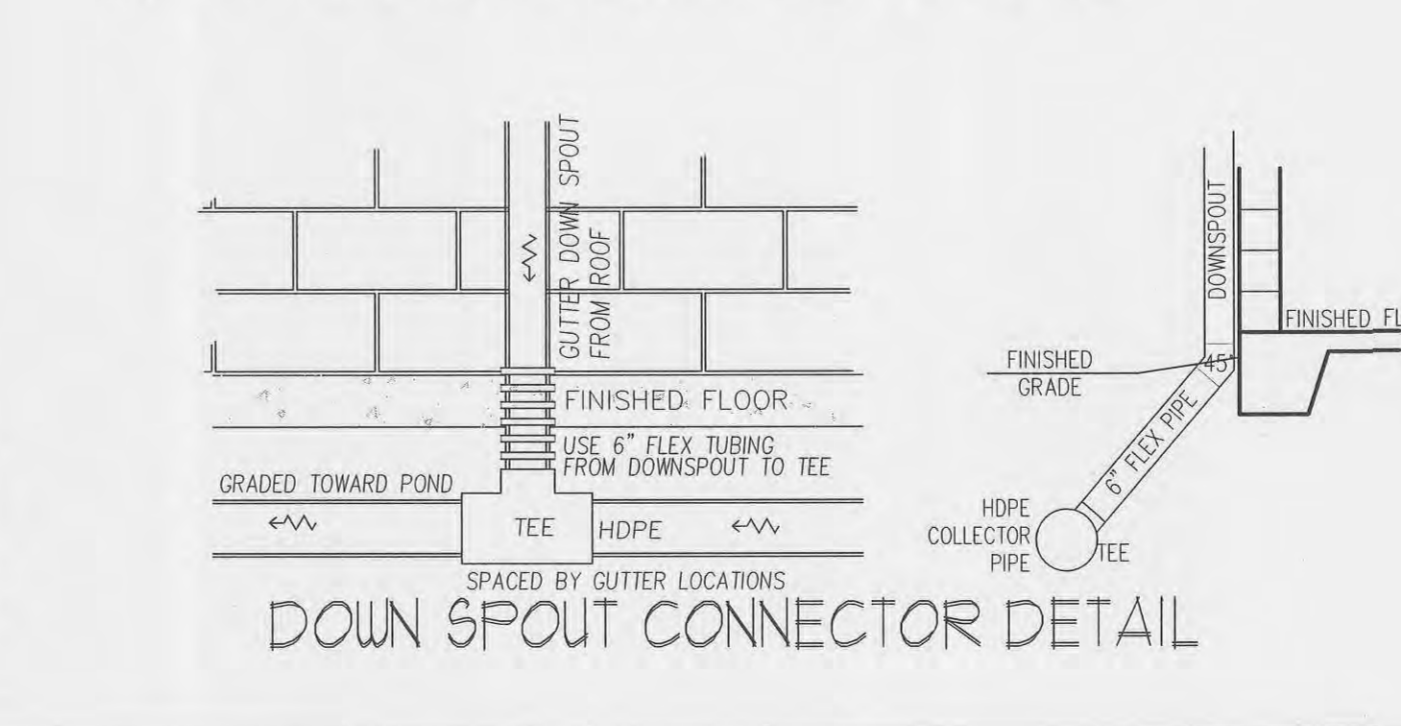


HANDICAP ACCESSIBILITY SIDEWALK REQUIREMENTS:
-RUNNING SLOPE MUST NOT EXCEED 5% (1:20); OTHERWISE IT IS CONSIDERED A RAMP
-MAXIMUM CROSS SLOPE MUST NOT EXCEED 1.5% (3/4" : 1')
-RAMP SLOPE GREATER THAN 1:20 OR 5%
-RAMP SLOPE 1:20 (5%) TO 1:16 (6.25%) CAN HAVE A MAXIMUM HORIZONTAL PROJECTION FOR 40'
-RAMP SLOPE 1:16 (6.25%) TO 1:12 (8.33%) CAN HAVE A MAXIMUM HORIZONTAL PROJECTION FOR 30'
-RAMP SLOPE 1:12 (8.33%) TO 1:10 (10%) CAN HAVE A MAXIMUM HORIZONTAL PROJECTION FOR 20'
-RAMP SLOPE 1:10 (10%) TO 1:8 (12.5%) CAN HAVE A MAXIMUM HORIZONTAL PROJECTION FOR 15'
-RAMP SLOPE 1:8 (12.5%) TO 1:6 (16.67%) CAN HAVE A MAXIMUM HORIZONTAL PROJECTION FOR 10'
-RAMP SLOPE 1:6 (16.67%) TO 1:5 (20%) CAN HAVE A MAXIMUM HORIZONTAL PROJECTION FOR 5'
-RAMP SLOPE 1:5 (20%) TO 1:4 (25%) CAN HAVE A MAXIMUM HORIZONTAL PROJECTION FOR 5'
-RAMP SLOPE 1:4 (25%) TO 1:3 (33.33%) CAN HAVE A MAXIMUM HORIZONTAL PROJECTION FOR 5'
-RAMP SLOPE 1:3 (33.33%) TO 1:2 (50%) CAN HAVE A MAXIMUM HORIZONTAL PROJECTION FOR 5'
-RAMP SLOPE 1:2 (50%) TO 1:1 (100%) CAN HAVE A MAXIMUM HORIZONTAL PROJECTION FOR 5'
-RAMP SLOPE 1:1 (100%) TO 1:1/2 (66.67%) CAN HAVE A MAXIMUM HORIZONTAL PROJECTION FOR 5'
-RAMP SLOPE 1:1/2 (66.67%) TO 1:1/3 (33.33%) CAN HAVE A MAXIMUM HORIZONTAL PROJECTION FOR 5'
-RAMP SLOPE 1:1/3 (33.33%) TO 1:1/4 (25%) CAN HAVE A MAXIMUM HORIZONTAL PROJECTION FOR 5'
-RAMP SLOPE 1:1/4 (25%) TO 1:1/5 (20%) CAN HAVE A MAXIMUM HORIZONTAL PROJECTION FOR 5'
-RAMP SLOPE 1:1/5 (20%) TO 1:1/6 (16.67%) CAN HAVE A MAXIMUM HORIZONTAL PROJECTION FOR 5'
-RAMP SLOPE 1:1/6 (16.67%) TO 1:1/7 (14.29%) CAN HAVE A MAXIMUM HORIZONTAL PROJECTION FOR 5'
-RAMP SLOPE 1:1/7 (14.29%) TO 1:1/8 (12.5%) CAN HAVE A MAXIMUM HORIZONTAL PROJECTION FOR 5'
-RAMP SLOPE 1:1/8 (12.5%) TO 1:1/9 (11.11%) CAN HAVE A MAXIMUM HORIZONTAL PROJECTION FOR 5'
-RAMP SLOPE 1:1/9 (11.11%) TO 1:1/10 (10%) CAN HAVE A MAXIMUM HORIZONTAL PROJECTION FOR 5'
-RAMP SLOPE 1:1/10 (10%) TO 1:1/11 (9.09%) CAN HAVE A MAXIMUM HORIZONTAL PROJECTION FOR 5'
-RAMP SLOPE 1:1/11 (9.09%) TO 1:1/12 (8.33%) CAN HAVE A MAXIMUM HORIZONTAL PROJECTION FOR 5'
-RAMP SLOPE 1:1/12 (8.33%) TO 1:1/13 (7.69%) CAN HAVE A MAXIMUM HORIZONTAL PROJECTION FOR 5'
-RAMP SLOPE 1:1/13 (7.69%) TO 1:1/14 (7.14%) CAN HAVE A MAXIMUM HORIZONTAL PROJECTION FOR 5'
-RAMP SLOPE 1:1/14 (7.14%) TO 1:1/15 (6.67%) CAN HAVE A MAXIMUM HORIZONTAL PROJECTION FOR 5'
-RAMP SLOPE 1:1/15 (6.67%) TO 1:1/16 (6.25%) CAN HAVE A MAXIMUM HORIZONTAL PROJECTION FOR 5'
-RAMP SLOPE 1:1/16 (6.25%) TO 1:1/17 (5.88%) CAN HAVE A MAXIMUM HORIZONTAL PROJECTION FOR 5'
-RAMP SLOPE 1:1/17 (5.88%) TO 1:1/18 (5.56%) CAN HAVE A MAXIMUM HORIZONTAL PROJECTION FOR 5'
-RAMP SLOPE 1:1/18 (5.56%) TO 1:1/19 (5.26%) CAN HAVE A MAXIMUM HORIZONTAL PROJECTION FOR 5'
-RAMP SLOPE 1:1/19 (5.26%) TO 1:1/20 (5%) CAN HAVE A MAXIMUM HORIZONTAL PROJECTION FOR 5'



USE DRAIN BASIN WHEN CHANGING DRAIN PIPE SIZE

ROOF DRAIN COLLECTION DETAIL



DIMENSIONS & QUANTITIES														
Rise	Span	X	A	B	C	E	F	G	M	Quad	N			
4 : 1 Slope	12"	18"	2'-10"	2.36'	3.06'	5.42'	3.03'	5'	1.50'	4.92'	7.75'	10.58'	13.42'	1.21'
4 : 1 Slope	15"	15"	2'-7"	2.27'	4.09'	6.36'	4.03'	8'	1.22'	4.63'	7.21'	9.79'	15.38'	1.19'

DATE: 24-FEB-16
DR: MLW
CH: MLW
REMARK: INITIAL SUBMITTAL
21-APR-16 SWIMD ELEVATION AND DISCHARGE CLARIFICATIONS MLW
27-APR-16 CHANGE OF SITE PAVEMENT REQUIREMENTS MLW
29-APR-16 DISCHARGE STRUCTURE CLARIFICATION MLW
27-JUN-16 PLANS FOR FINAL REVIEW MLW
18-AUG-16 PLANS FOR BID MLW

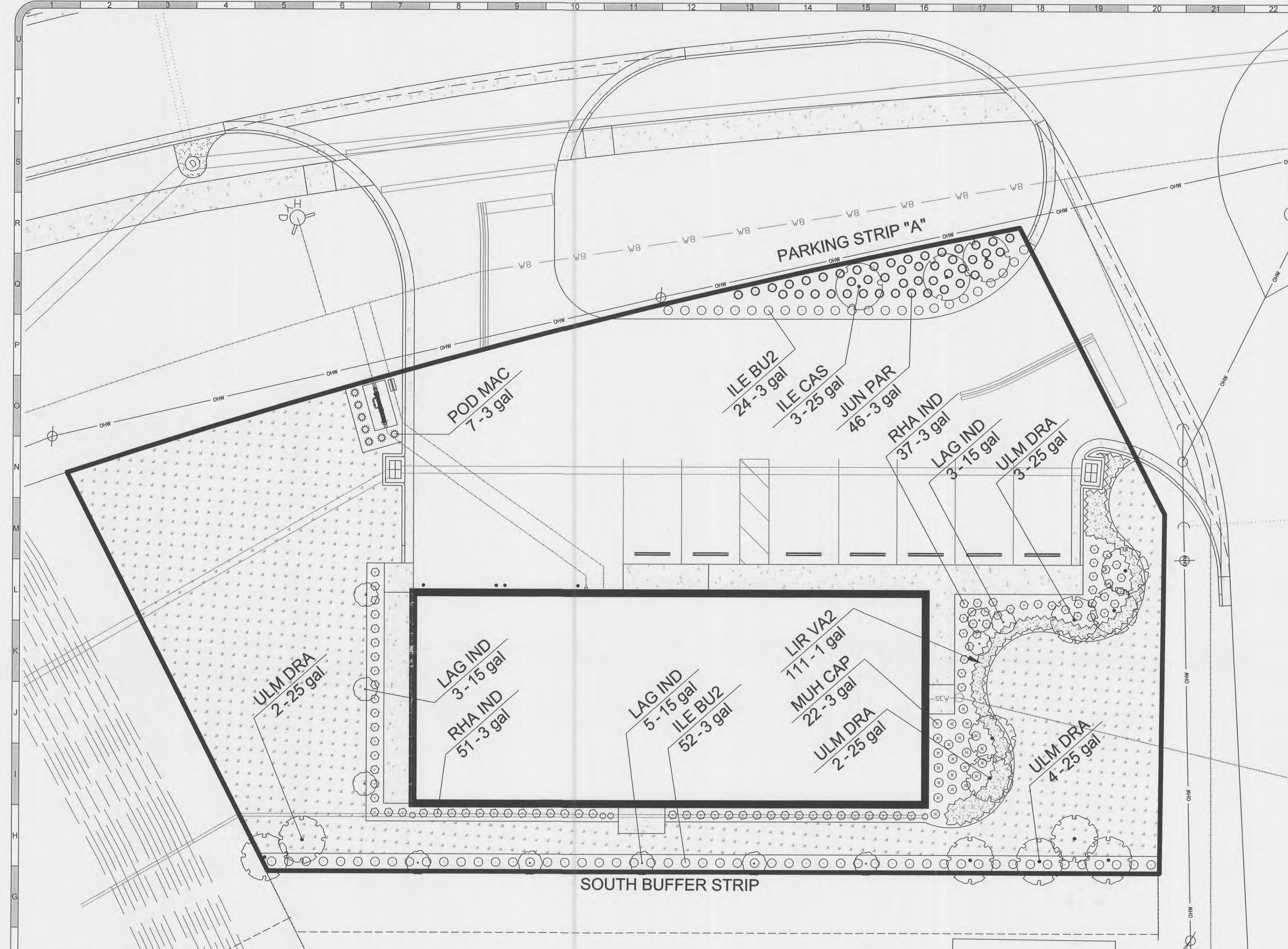
CIVIL ENGINEERING CONSULTANTS

Polston Engineering inc.
2925 KENILWORTH BLVD., SEBRING, FLORIDA 33870
863-385-5664 PHONE - 863-385-2462 FAX

ENGINEER JOB # 15071

HIGHLANDS COUNTY
EMERGENCY MEDICAL SERVICES
PARKWAY SUB-STATION
DETAILS AND SECTIONS

DRAWING SCALE
NTS
SHEET 5 OF 6



LANDSCAPE DESIGN STANDARDS

Minimum of 20% of the Total Gross Site Area Shall be Landscaped
 15,032 (S.F.) Total Gross Site (Project Area)
 3,166.4 (S.F.) Landscape Required
 6,710 (S.F.) Landscape Provided

Maximum of 50% of Required Landscape Area May be Sod
 1,583.2 (S.F.) of Sod Allowed
 1,027.4 (S.F.) of Sod Provided

50% of Required Landscaping to be Interior Landscaping
 1,583.2 (S.F.) Required
 1,678 (S.F.) Provided

One Tree to be Provided for every 2,500 (S.F.) of Development Site
 6.3 Canopy Trees Required
 14 Canopy Trees Provided (11 Drake Elm & 3 Dahoon Holly)

3 Palm Trees equals 1 Canopy Tree

A Minimum 2" Layer of Mulch Shall be Provided

Visibility Triangles are Free from Obstruction

NORTH BUFFER

No Buffer Yard Required

SOUTH BUFFER (153.2 L.F.)

10' Wide Buffer Type "D" Required (4 Canopy, 3 Understory Trees per 100 L.F.)

6.1 Canopy Trees Required
 4.6 Understory Trees Required
 Continuous Hedge Required

7 Canopy Trees Provided (6 Drake Elms)
 5 Understory Trees Provided (5 Grape Myrtles)
 Continuous Hedge Provided

Minimum Average Width of 10' Required
 Average Width of 10' Provided

Remainder of Buffer to be Sod

EAST BUFFER

No Buffer Yard Required

WEST BUFFER

No Buffer Yard Required

PARKING AREA LANDSCAPING REQUIREMENTS

PARKING STRIP "A"
 (Along Sebring Parkway)

REQUIRED MATERIALS:
 1 Tree per 30 Linear Feet with a Continuous Hedge
 Minimum of 25% Groundcover
 The Remainder of the Strip is to be Sod.

PROVIDED MATERIALS:
 3 Trees (3 Dahoon Holly Trees)
 Continuous Hedge (Needlepoint Holly)
 25% Groundcover (Indian Hawthorn)
 The Remainder of the Strip is Sod

MAINTENANCE NOTES

THE OWNER IS RESPONSIBLE FOR MAINTAINING ALL INSTALLED LANDSCAPING IN A HEALTHY, GROWING CONDITION. THIS MAINTENANCE INCLUDES IRRIGATION, FERTILIZATION AND ROUTINE PRUNING OF ALL TREES AND SHRUBS. THIS IS TO ASSURE THAT LANDSCAPED AREAS MAINTAIN A NEAT AND ORDERLY APPEARANCE FREE FROM REFUSE AND DEBRIS. MAINTAIN IRRIGATION SYSTEM IN A PROPERLY FUNCTIONING ORDER. ALL WALLS AND FENCES SHALL BE KEPT FREE FROM GRAFFITI. IT IS ACKNOWLEDGED THAT THE CITY OF SEBRING MAY PERIODICALLY INSPECT ALL AREAS OF REQUIRED LANDSCAPING AND IRRIGATION FOR PROPER MAINTENANCE.

AN INSTALLATION AND MAINTENANCE GUARANTEE SHALL BE SUBMITTED TO THE CITY OF SEBRING BUILDING DEPARTMENT ALONG WITH THE APPROVED LANDSCAPE AND IRRIGATION PLANS.

CERTIFICATION

I HEREBY CERTIFY THAT THE LANDSCAPING PLANS SHOWN HEREON ARE IN SUBSTANTIAL COMPLIANCE WITH THE CITY OF SEBRING COMPREHENSIVE LANDSCAPE ORDINANCE.

HEARTLAND Design
 LANDSCAPE ARCHITECTURE AND IRRIGATION DESIGN
 P.O. BOX 3164
 LAKE PLACID, FL 33862
 TELEPHONE: (863) 385-2007
 MOBILE: (863) 464-0210
 chad@heartlanddesigns.biz
 FL Land Arch. Bus. No. LC28000284

SEAL

 Chad Clouser
 R.L.A. 66981

DRAWN BY CAC
 CHECKED BY CAC
 APPROV. BY CAC

LANDSCAPE PLAN
HIGHLANDS COUNTY EMS PARKWAY
 313 N. EUCALYPTUS STREET, SEBRING, FLORIDA
 FOR
HCBC
 PO BOX 1926 SEBRING, FLORIDA 33871
 (863-402-6500)

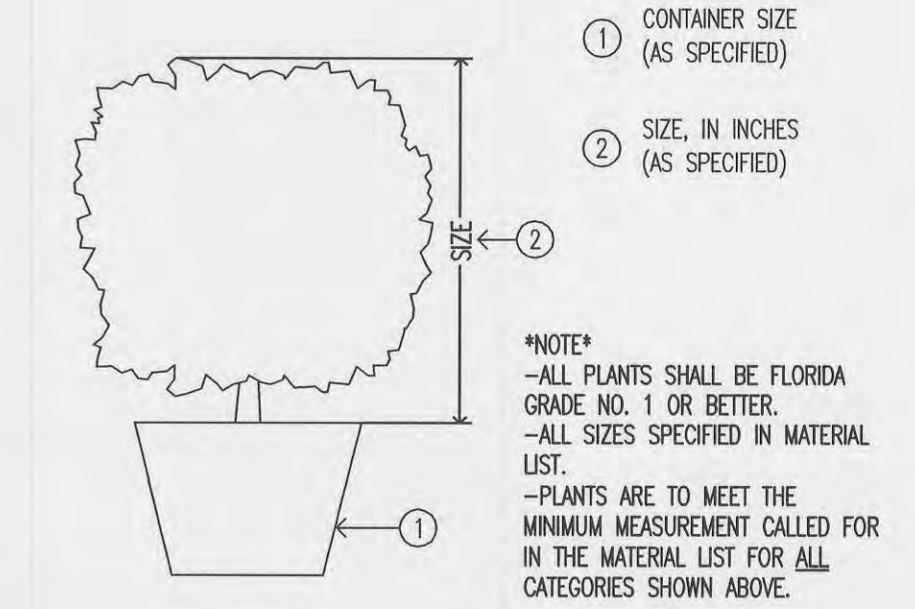
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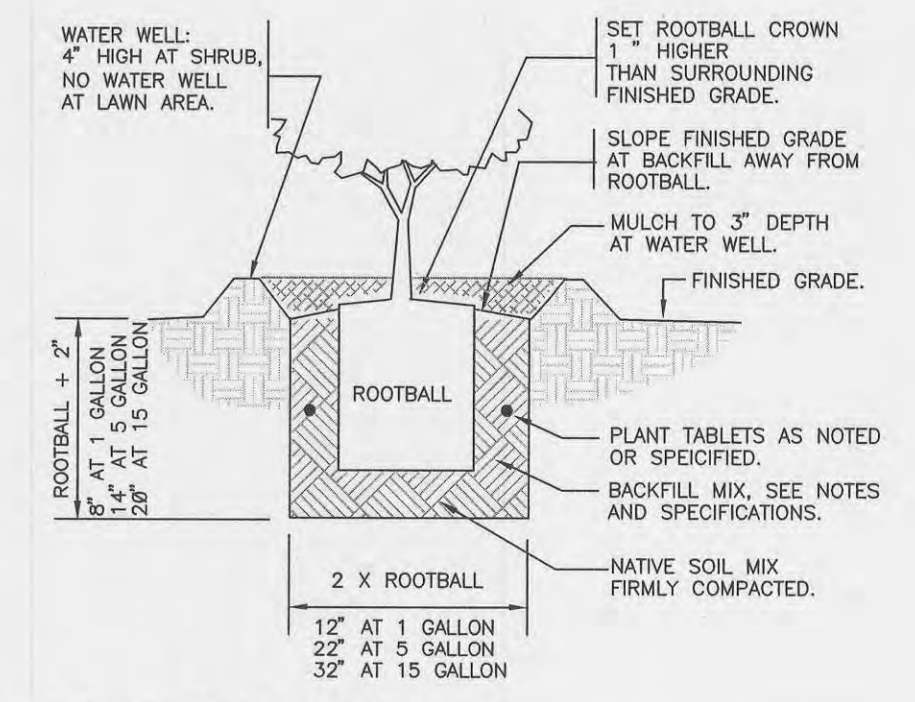
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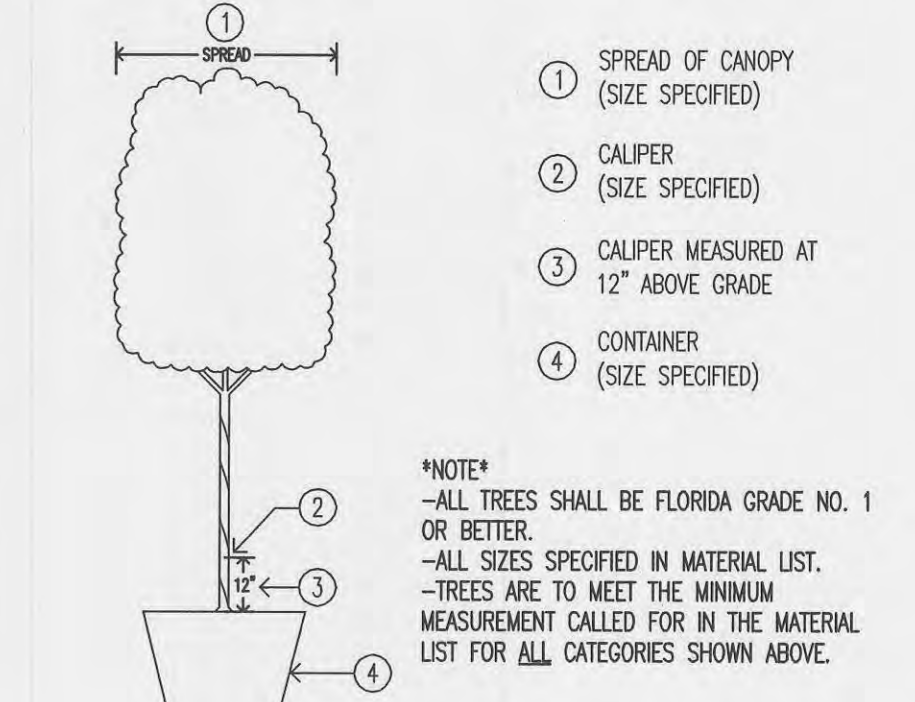
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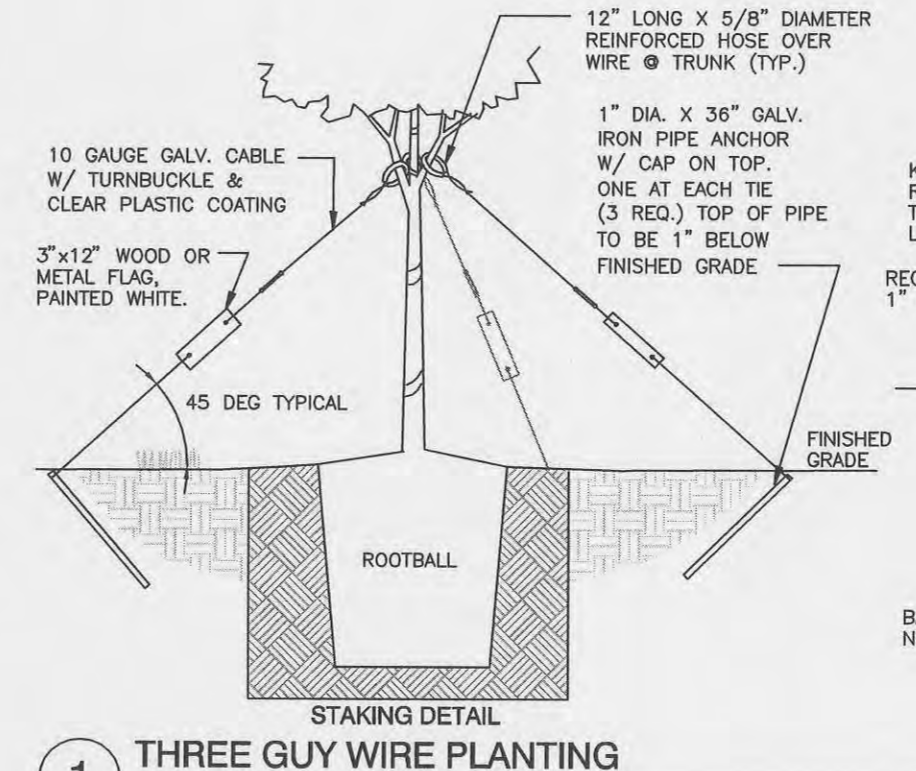
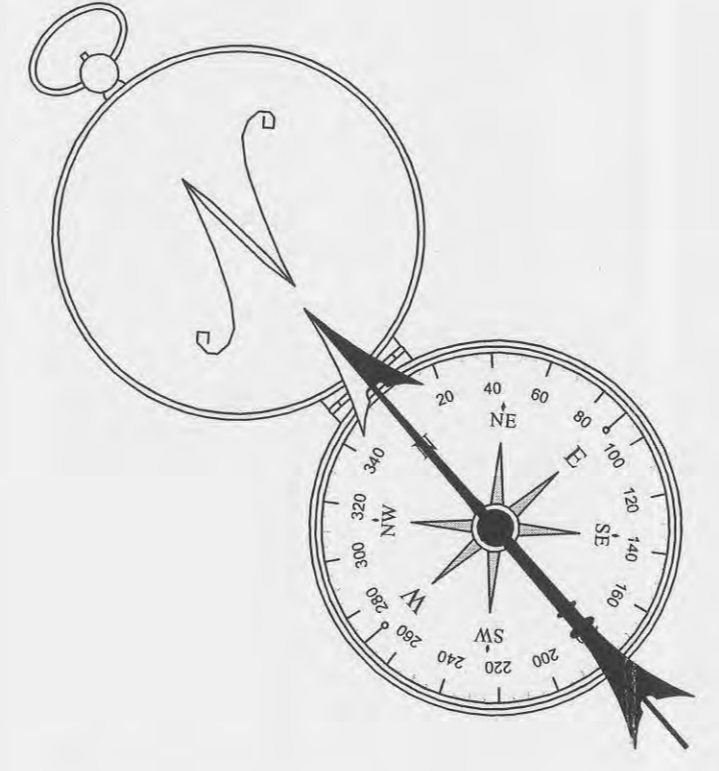
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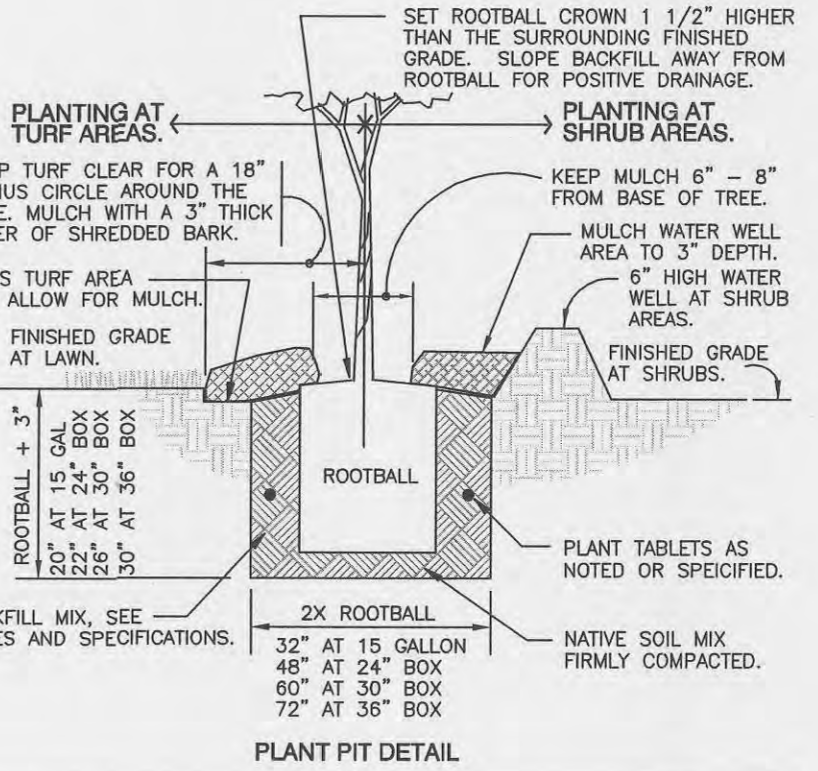
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PLANT SCHEDULE

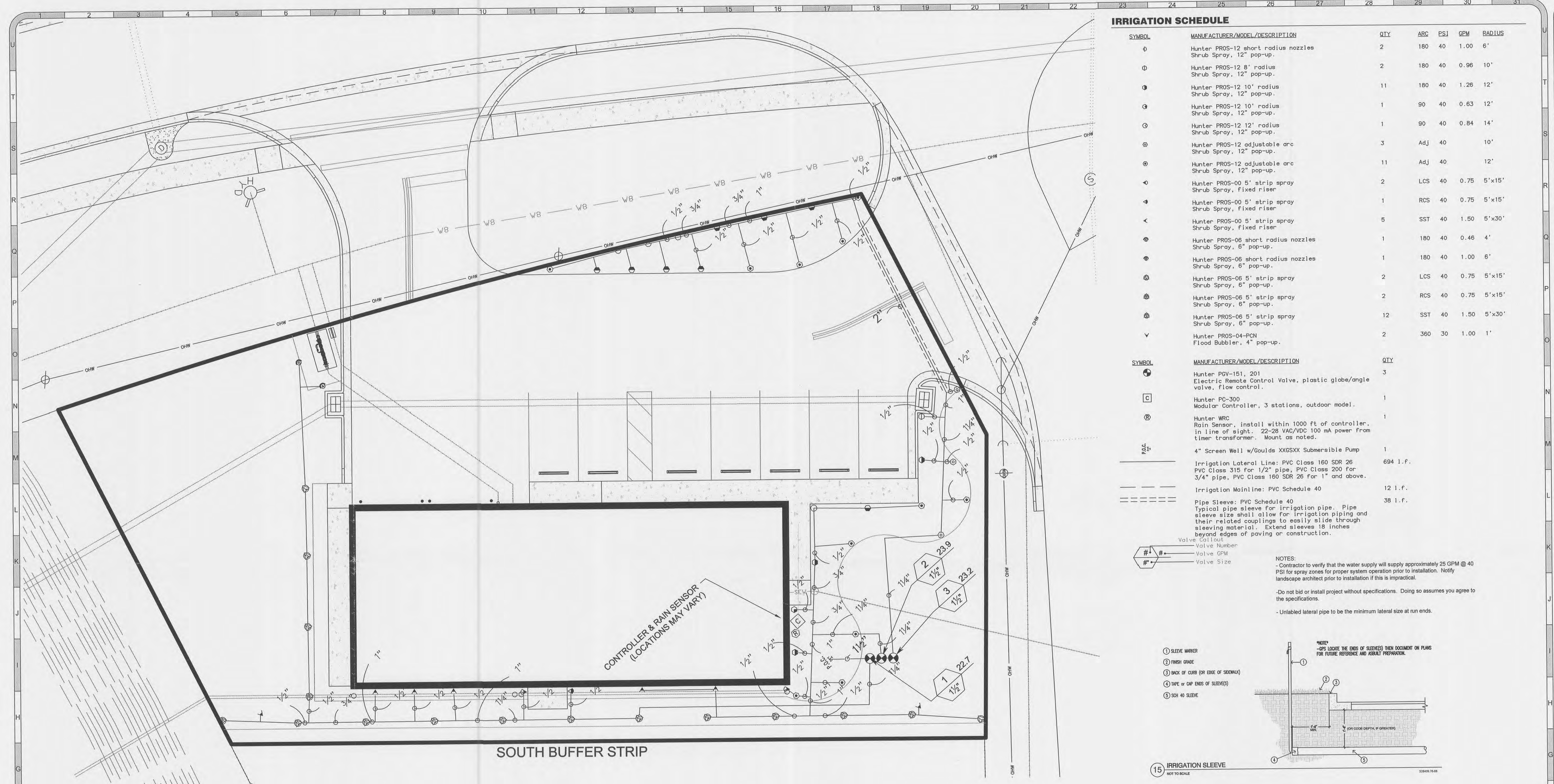
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	ILE CAS	3	Ilex cassine / Dahoon Holly	25 gal	2" cal	10' oa	36"	M	Y	Zone 7-11
	LAG IND	11	Lagerstroemia indica / Crape Myrtle	15 gal	1.75" cal	8' oa	36"	H	N	Zone 7-9A
	ULM DRA	11	Ulmus parvifolia 'Drake' / Drake Elm	25 gal	2" cal	10' oa	48"	H	N	Zone 7B-10
SHRUBS	CODE	QTY	BOTANICAL NAME / COMMON NAME	CONTI	GAL	SIZE	SPRD	DROITOL	NAT	REMARKS
	ILE BU2	76	Ilex cornuta 'Burfordii' / Burford Chinese Holly	3 gal	18"			H	N	Zone 7-9
	JUN PAR	46	Juniperus chinensis 'Parsonii' / Parsoni Juniper	3 gal	12"			M	N	Zone 4-11
	MUH CAP	22	Muhlenbergia capillaris / Pink Muhly	3 gal	18"			H	Y	Zone 7-11
	POD MAC	7	Podocarpus macrophyllus / Yew Pine	3 gal	24"					
	RHA IND	88	Rhaphiolepis indica / Indian Hawthorn	3 gal	14"			M	N	Zone 8-11
SHRUB AREAS	CODE	QTY	BOTANICAL NAME / COMMON NAME	CONTI	REMARKS					
	LIR VA2	111	Liriope muscari 'Variegata' / Variegated Lily Turf	1 gal @ 18" oc						
SOD/SEED	CODE	QTY	BOTANICAL NAME / COMMON NAME	CONTI	REMARKS					
	PAS AR2	4,555 sf	Paspalum notatum 'Argentine' / Bahia Grass	sod	Waste Not Included In This Figure					



4 THREE GUY WIRE PLANTING
 NOT TO SCALE



5 PLANT PIT DETAIL
 329346.23-01



IRRIGATION SCHEDULE

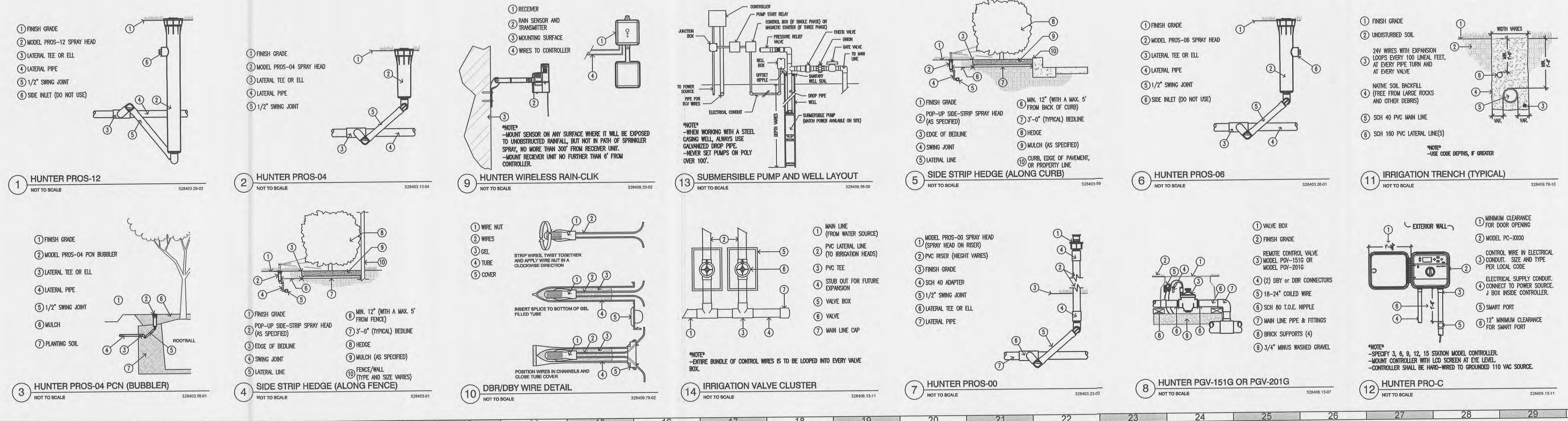
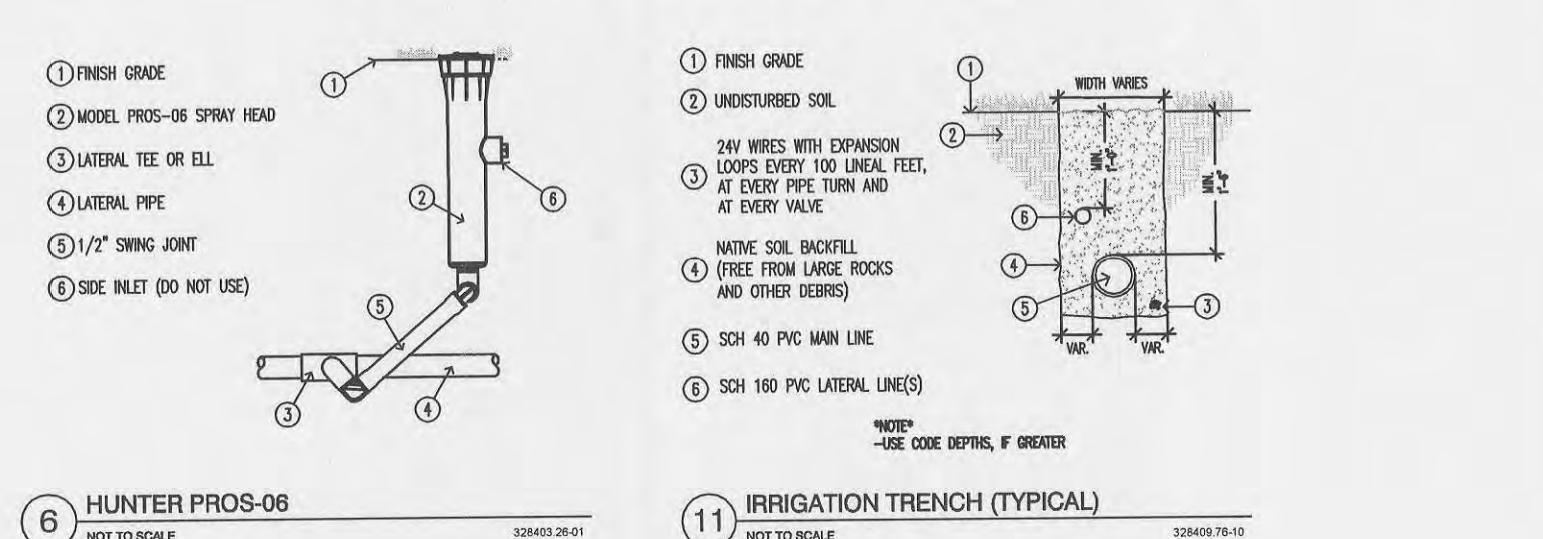
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	ARC	PSI	GPM	RADIUS
0	Hunter PROS-12 short radius nozzles Shrub Spray, 12" pop-up.	2	180	40	1.00	6'
⊖	Hunter PROS-12 8' radius Shrub Spray, 12" pop-up.	2	180	40	0.96	10'
⊙	Hunter PROS-12 10' radius Shrub Spray, 12" pop-up.	11	180	40	1.26	12'
⊛	Hunter PROS-12 10' radius Shrub Spray, 12" pop-up.	1	90	40	0.63	12'
⊞	Hunter PROS-12 12' radius Shrub Spray, 12" pop-up.	1	90	40	0.84	14'
⊟	Hunter PROS-12 adjustable arc Shrub Spray, 12" pop-up.	3	Adj	40		10'
⊠	Hunter PROS-12 adjustable arc Shrub Spray, 12" pop-up.	11	Adj	40		12'
◀	Hunter PROS-00 5' strip spray Shrub Spray, Fixed riser	2	LCS	40	0.75	5'x15'
◁	Hunter PROS-00 5' strip spray Shrub Spray, Fixed riser	1	RCS	40	0.75	5'x15'
◀	Hunter PROS-00 5' strip spray Shrub Spray, Fixed riser	5	SST	40	1.50	5'x30'
⊙	Hunter PROS-06 short radius nozzles Shrub Spray, 6" pop-up.	1	180	40	0.46	4'
⊙	Hunter PROS-06 short radius nozzles Shrub Spray, 6" pop-up.	1	180	40	1.00	6'
⊞	Hunter PROS-06 5' strip spray Shrub Spray, 6" pop-up.	2	LCS	40	0.75	5'x15'
⊟	Hunter PROS-06 5' strip spray Shrub Spray, 6" pop-up.	2	RCS	40	0.75	5'x15'
⊠	Hunter PROS-06 5' strip spray Shrub Spray, 6" pop-up.	12	SST	40	1.50	5'x30'
∇	Hunter PROS-04-PCN Flood Bubbler, 4" pop-up.	2	360	30	1.00	1'

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
⊕	Hunter PGV-151, 201 Electric Remote Control Valve, plastic globe/angle valve, flow control.	3
⊞	Hunter PC-300 Modular Controller, 3 stations, outdoor model.	1
⊟	Hunter WRC Rain Sensor, install within 1000 ft of controller. In line of sight. 22-28 VAC/VDC 100 mA power from timer transformer. Mount as noted.	1
⊠	4" Screen Well w/Goilde XIGSXX Submersible Pump	1
---	Irrigation Lateral Line: PVC Class 160 SDR 26 PVC Class 315 for 1/2" pipe, PVC Class 200 for 3/4" pipe, PVC Class 160 SDR 26 for 1" and above.	694 l.f.
---	Irrigation Mainline: PVC Schedule 40	12 l.f.
---	Pipe Sleeve: PVC Schedule 40	38 l.f.

Typical pipe sleeve for irrigation pipe. Pipe sleeve size shall allow for irrigation piping and their related couplings to easily slide through sleeving material. Extend sleeves 18 inches beyond edges of paving or construction.

Valve Callout
 Valve Number
 Valve GPM
 Valve Size

NOTES:
 - Contractor to verify that the water supply will supply approximately 25 GPM @ 40 PSI for spray zones for proper system operation prior to installation. Notify landscape architect prior to installation if this is impractical.
 - Do not bid or install project without specifications. Doing so assumes you agree to the specifications.
 - Unlabeled lateral pipe to be the minimum lateral size at run ends.



HEARTLAND
LANDSCAPE ARCHITECTURE
AND IRRIGATION DESIGN

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DRAWN BY CAC
CHECKED BY CAC
APPROV. BY CAC

IRRIGATION PLAN
HIGHLANDS COUNTY EMS PARKWAY
313 N. EUCLYPTUS STREET SEBRING, FLORIDA
FOR
HCBC
PO BOX 1926 SEBRING, FLORIDA 33871
(863) 402-6500

DATE
02-03-2016

REVISIONS

NO.	DESCRIPTION

DATE

NO.	DATE

SCALE

1" = 10' - 0"

IF THIS BAR DOES NOT MEASURE 1" THIS COPY IS NOT TO SCALE

SHEET NUMBER
IR1 of 1