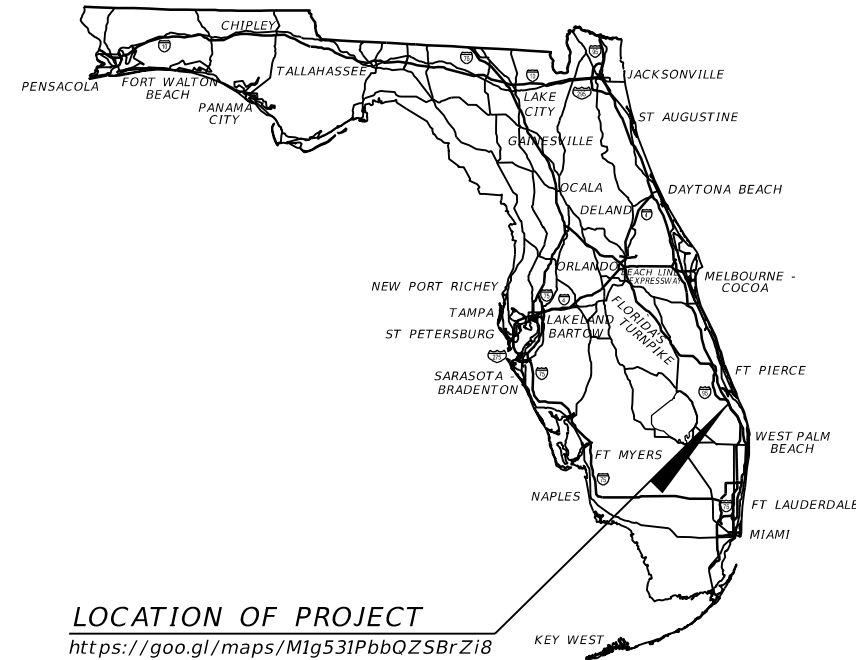


CITY OF PORT ST. LUCIE, FLORIDA
 PUBLIC WORKS DEPARTMENT
 CONSTRUCTION PLANS
 FOR
**SE SANDIA DRIVE
 SIDEWALK PROJECT**
 FROM SE THORNHILL DRIVE TO SE CROSSPOINT DRIVE
 CITY PROJECT NO. 20200015



LOCATION OF PROJECT
<https://goo.gl/maps/M1g531PbbQZ5BrZi8>

INDEX OF ROADWAY PLANS

SHEET NO.	SHEET DESCRIPTION
1	KEY SHEET
2	SIGNATURE SHEET
3	SUMMARY OF PAY ITEMS
4	TYPICAL SECTION
5	TYPICAL SECTION DETAILS
6 thru 7	GENERAL NOTES
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19 thru 33	CROSS SECTIONS
34 thru 35	DRIVEWAY CROSS SECTIONS
36 thru 37	STORMWATER POLLUTION PREVENTION PLAN
38 thru 43	EROSION CONTROL PLAN
44	TEMPORARY TRAFFIC CONTROL PLAN
45 thru 50	SIGNING AND PAVEMENT MARKING PLAN
SQ-1 thru SQ-17	SUMMARY OF QUANTITIES

GR-1* SIDEWALK/ROADWAY SOIL SURVEY
 CTL-1 thru CTL-6* TOPOGRAPHIC SURVEY

*This sheet is included in the Index of Roadway Plans only to indicate that it is part of the Roadway Plans. This sheet is contained in a separate signed and sealed document.

GOVERNING STANDARD PLANS:

Florida Department of Transportation, FY2020-21 Standard Plans for Road and Bridge Construction and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and associated IRs are available at the following website: <http://www.fdot.gov/design/standardplans>

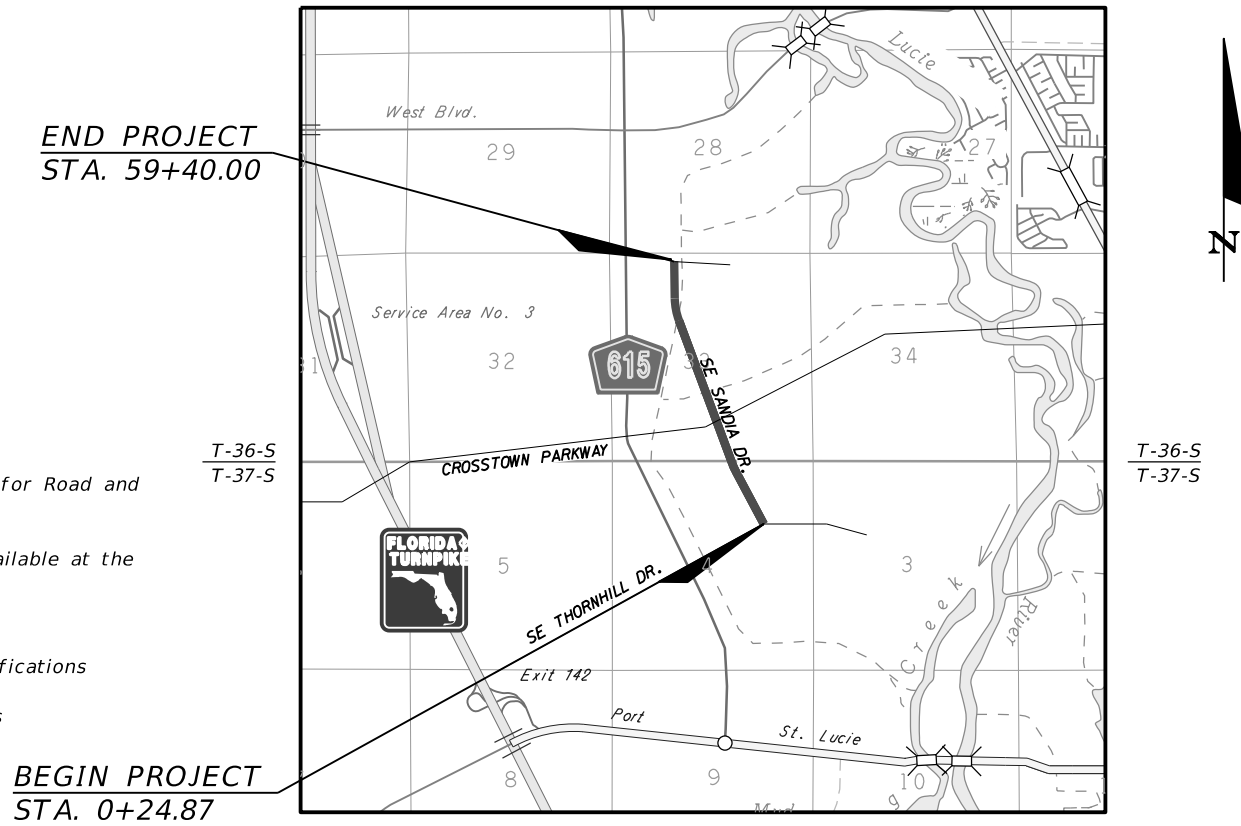
GOVERNING STANDARD SPECIFICATIONS:

Florida Department of Transportation, JULY 2020 Standard Specifications for Road and Bridge Construction at the following website: <http://www.fdot.gov/programmanagement/Implemented/SpecBooks>

PLANS PREPARED BY:

American
 Consulting Engineers of Florida, LLC
 2041 Vista Parkway, Suite 101
 West Palm Beach, Florida 33411
 Phone: (561) 253-9550 Fax: (561) 253-9551
 Certificate of Authorization No. 9302

SECTION 4 TOWNSHIP 37 S RANGE 40 E
 SECTION 33 TOWNSHIP 36 S RANGE 40 E



ROADWAY SHOP DRAWINGS
 TO BE SUBMITTED TO:
 JAIME R. CELLER, P.E.
 2041 VISTA PARKWAY, SUITE 101
 WEST PALM BEACH, FLORIDA 33411
 PHONE: (561) 253-9550
 FAX: (561) 253-9551
 CERTIFICATE OF AUTHORIZATION NO. 9302

NOTE: THE SCALE OF THESE PLANS MAY HAVE CHANGED DUE TO REPRODUCTION.

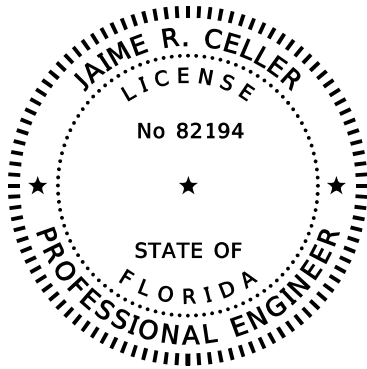
ROADWAY PLANS
 ENGINEER OF RECORD: JAIME R. CELLER, P.E.

P.E. NO. 82194

LENGTH OF PROJECT = 5915.13 LF (1.120 MI)

CITY OF PORT ST. LUCIE PROJECT MANAGER: FRANK KNOTT

FISCAL YEAR	SHEET NO.
21	1



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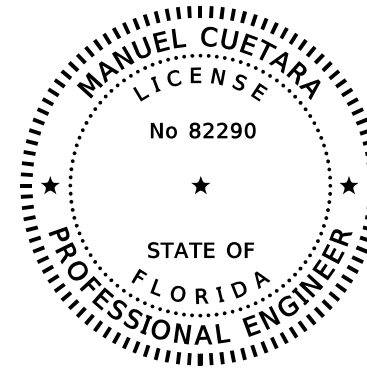
ON THE DATE ADJACENT TO THE SEAL

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CONSULTING ENGINEERS OF FLORIDA, LLC
2041 Vista Parkway, Suite 101
West Palm Beach, FL 33411
Phone: (561) 253-9550 Fax: (561) 253-9551
Certificate of Authorization No. 9302
Jaime R. Celler, P.E. No. 82194

THE ABOVE NAMED PROFESSIONAL ENGINEER SHALL BE RESPONSIBLE FOR THE
FOLLOWING SHEETS IN ACCORDANCE WITH RULE 61G15-23.004, F.A.C.

<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
1	KEY SHEET
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2041 Vista Parkway, Suite 101
West Palm Beach, FL 33411
Phone: (561) 253-9550 Fax: (561) 253-9551
Certificate of Authorization No. 9302
Manuel Cuetara, P.E. No. 82290

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<u>SHEET NO.</u>	<u>SHEET DESCRIPTION</u>
2	SIGNATURE SHEET
36 thru 37	STORMWATER POLLUTION PREVENTION PLAN

REVISIONS						American Consulting Engineers of Florida, LLC 2041 Vista Parkway, Suite 101 West Palm Beach, Florida 33411 Phone: (561) 253-9550 Fax: (561) 253-9551 Certificate of Authorization No. 9302 Jaime R. Celler, P.E. No. 82194	CITY OF PORT ST. LUCIE 121 S.W. PORT ST. LUCIE BLVD. PORT ST. LUCIE, FL 34984	SIGNATURE SHEET	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION				2
						ROAD	COUNTY		
						SE SANDIA DRIVE	ST. LUCIE		

SUMMARY OF PAY ITEMS

PAY ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY TOTAL	
			PLAN	FINAL
0101 1	MOBILIZATION	LS	1	
0101 18	CONSTRUCTION VIDEO	LS	1	
0101 99	SURVEY STAKING & RECORD DRAWINGS	LS	1	
0102 1	MAINTENANCE OF TRAFFIC	LS	1	
0104 10 3	SEDIMENT BARRIER	LF	5,481	
0104 11	FLOATING TURBIDITY BARRIER	LF	204	
0104 18	INLET PROTECTION SYSTEM	EA	3	
0110 1 1	CLEARING & GRUBBING	LS/AC	1/2.12	
0110 4 10	REMOVAL OF EXISTING CONCRETE	SY	512	
0120 1	REGULAR EXCAVATION	CY	308	
0120 6	EMBANKMENT	CY	802	
0425 1521	INLETS, DT BOT, TYPE C, <10'	EA	1	
0425 1541	INLETS, DT BOT, TYPE D, <10'	EA	1	
0425 1910	INLETS, CLOSED FLUME	EA	1	
0430 174 215	PIPE CULVERT OPTIONAL MATERIAL OTHER SHAPE-ELLIP/ARCH 15" SD	LF	128	
0430 174 218	PIPE CULVERT OPTIONAL MATERIAL OTHER SHAPE-ELLIP/ARCH 18" SD	LF	95	
0430 174 224	PIPE CULVERT OPTIONAL MATERIAL OTHER SHAPE-ELLIP/ARCH 24" SD	LF	63	
0430 175 115	PIPE CULVERT OPTIONAL MATERIAL, ROUND, 15" S/CD	LF	8	
0430 175 130	PIPE CULVERT OPTIONAL MATERIAL, ROUND, 30" S/CD	LF	18	
0430 984 629	MITERED END SECTION OPTIONAL - ELLIPTICAL/ARCH 24" SD	EA	2	
0514 72	IMPERMEABLE POLYETHELENE LINER (SWALE INSTALL)	LF	2033	
0520 1 10	CONCRETE CURB & GUTTER TYPE F	LF	173	
0522 1	SIDEWALK CONCRETE AND DRIVEWAYS 4" THICK	SY	2,872	
0522 2	SIDEWALK CONCRETE AND DRIVEWAYS 6" THICK	SY	832	
0527 2	DETECTABLE WARNINGS	SF	449	
0570 1 2	PERFORMANCE TURF, SOD	SY	7,040	
0700 1 11	SIGNLE POST UP TO 12 SF	AS	5	
0700 1 12	SINGLE POST SIGN UP TO 12-20 SF	AS	15	
0700 1 60	SINGLE POST SIGN, REMOVE	AS	18	
0710 90	PAINTED PAVEMENT MARKINGS (FINAL SURFACE)	LS	1	
0711 11123	THERMOPLASTIC, STD, WHITE, SOLID FOR CROSSWALK, 12"	LF	1280	
0711 11125	THERMOPLASTIC, STD, WHITE, SOLID FOR STOP LINE, 24"	LF	214	
0711 14125	THERMOPLASTIC, PREFORMED, WHITE, SOLID FOR CROSSWALK, 24"	LF	1000	
0711 16101	THERMOPLASTIC, STD - OTHER SURFACES, WHITE, SOLID, 6"	GM	0.259	
0711 16201	THERMOPLASTIC, STD - OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.285	
1080 21 400	UTILITY FIXTURE, RELOCATE	EA	9	
1080 21 500	UTILITY FIXTURE, ADJUST	EA	21	
2000 1	UTILITY COORDINATION	LS	1	

PAY ITEM FOOTNOTES


- 0101 99 RECORD DRAWINGS AND ALL CERTIFICATION / CONVEYANCE DOCUMENTS MUST BE SUBMITTED PRIOR TO SCHEDULING A FINAL INSPECTION.
 1. ALL RECORD DRAWINGS SHALL BE SUBMITTED IN CONFORMANCE WITH CITY OF PORT ST. LUCIE'S MINIMUM RECORD DRAWING STANDARDS.
 2. ALL RECORD DRAWINGS SHALL BE SIGNED AND SEALED BY A PROFESSIONAL LAND SURVEYOR REGISTERED IN THE STATE OF FLORIDA AND CERTIFIED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA.
 3. A MINIMUM OF THREE (3) SETS OF COMPLETE RECORD DRAWINGS SHALL BE SUBMITTED IN CORRELATION WITH THE APPROVED CONSTRUCTION DRAWINGS. (INCLUDING UTILITIES, IRRIGATION, LANDSCAPE, ROADWAY, ELECTRICAL, DRAINAGE, ETC.) RECORD DRAWINGS SHALL BE SUBMITTED IN ELECTRONIC FORMAT AUTOCAD 2017 OR LATEST VERSION.
- 0102 1 PAY ITEMS INCLUDES ALL ITEMS FOR MAINTENANCE OF TRAFFIC WHICH ARE NOT INCLUDED FOR PAYMENT UNDER SEPARATE ITEMS. INCLUDES PEDESTRIAN MAINTENANCE OF TRAFFIC IN ACCORDANCE WITH THE SPECIFICATIONS AND INCLUDES MAINTENANCE AND RELOCATION OF 24 MAILBOXES. INCLUDES REMOVAL OF ALL EXISTING CONFLICTING PAVEMENT MARKINGS.
- 0110 1 1 PAY ITEM INCLUDES CUTTING AND REPLACING PRIVATE IRRIGATION AND LANDSCAPE LIGHTING SYSTEMS AFFECTED BY CONSTRUCTION. INCLUDES REMOVAL AND DISPOSAL OF EXISTING DRAINAGE STRUCTURES AND PIPES; GATES; POLES; DEBRIS; ASPHALT; BASE; FDPs; AND ANY OTHER ITEMS TO BE REMOVED THAT ARE NOT SPECIFICALLY COVERED UNDER ANOTHER SEPARATE PAY ITEM. INCLUDES ALL SAW-CUTTING. INCLUDES ALL TREE TRIMMING.
- 0120 1 INCLUDES ALL EARTHWORK EXCAVATION & EMBANKMENT FOR ROADWAY; DRIVEWAY; DRAINAGE STRUCTURE; AND INCLUDES FINAL GRADING SHAPING AS NECESSARY FOR FINAL RESTORATION.
- 0120 6
- 0425 1910 INCLUDES COST OF 0.55 CY OF CONCRETE FOR 4" DEPTH CONCRETE APRON.
- 0430 174 215 PAY ITEM INCLUDES REPLACEMENT OF ALL PIPE END TREATMENTS FOR DRIVEWAYS AND SELECT LOCATIONS THAT EXISTED PRIOR TO CONSTRUCTION PER DETAIL ON SHEET NO. 5. PAY ITEM INCLUDES PIPE END TREATMENT'S FDOT APPROVED CLASS I CONCRETE COST OF 17.3 CY. PAY ITEM INCLUDES COST TO PAINT ALL SURFACES IN CONTACT WITH CONCRETE WITH BITUMINOUS PAINT. ALL PIPE MATERIAL SHALL BE CORRUGATED ALUMINUM ONLY, UNLESS OTHERWISE NOTED.
- 0430 174 218
- 0430 174 224
- 0430 984 629 INCLUDES ALL PIPES; GRATES (WHEN REQUIRED); FASTENERS; REINFORCEMENTS; CONNECTORS; ANCHORS; CONCRETE; SEALANTS; JACKETS; COUPLING BANDS; AND ALL WORK TO INSTALL THE MITERED END SECTION. INCLUDES EXCAVATION, BACKFILL, COMPACTION, DISPOSAL OF SURPLUS MATERIAL, AND RESTORATION MATERIAL NECESSARY FOR A COMPLETE AND ACCEPTED INSTALLATION. REFER TO CITY OF PORT ST. LUCIE CONSTRUCTION STANDARD DETAIL G.05 FOR UTILITY ROAD CUT PAVEMENT RESTORATION. SHALL SHOW SHAPE AND SIZE ON CONTRACT PLANS.
- 0514 72 SHALL INCLUDE ALL ITEMS SHOWN ON THE PLASTIC SWALE LINER INSTALLATION DETAILS LOCATED ON SHEET NO. 5 INCLUDES SAND LAYER WITH EXCEPTION OF SOD WHICH IS COVERED UNDER PAY ITEM 0570-1-2.
- 0522 2 INCLUDES PAINTING & STAINING OF THE DRIVEWAY AT 1342 SE SANDIA DRIVE TO MATCH EXISTING COLOR. PAY ITEM INCLUDES ADDITIONAL CONCRETE AND REINFORCING BARS FOR REDUCED COVER DRIVEWAY PIPE INSTALLATION AND SHALL INCLUDE THE COST OF 11.7 CY OF ADDITIONAL CONCRETE FOR THE THICKENED DRIVEWAY FOOTER EDGE. ALL CONCRETE SHALL BE FDOT APPROVED CLASS NS CONCRETE.
- 0527 2 DETECTABLE WARNING SURFACES SHALL BE CAST-IN-PLACE AND BRICK RED IN COLOR. INCLUDES ALL LABOR, SURFACE PREPARATION, MATERIALS AND INCIDENTALS NECESSARY TO COMPLETE THE WORK.
- 0700 1 11 PROPOSED SIGN ASSEMBLIES SHALL MEET CURRENT FDOT SPECIFICATONS.
- 0700 1 12
- 0710 90 INCLUDES ALL CLEANING AND PREPARING OF SURFACES; FURNISHING OF ALL MATERIALS; APPLICATION; CURING AND PROTECTION OF ALL ITEMS; PROTECTION OF TRAFFIC; FURNISHING OF ALL TOOLS; MACHINES AND EQUIPMENT; AND ALL INCIDENTALS NECESSARY TO COMPLETE THE WORK.
- 0711 16 201
- 1080 21 400 SHALL INCLUDE ALL WORK AND MATERIALS REQUIRED TO RELOCATE/ADJUST THE EXISTING FACILITY TO MATCH THE PROPOSED GRADE.
- 1080 21 500
- 2000 1 SHALL COMPENSATE THE CONTRACTOR FOR ALL COORDINATION WITH EXISTING UTILITY PROVIDERS THROUGHOUT THE DURATION OF THE CONSTRUCTION CONTRACT.

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



American
 Consulting Engineers of Florida, LLC
 2041 Vista Parkway, Suite 101
 West Palm Beach, Florida 33411
 Phone: (561) 253-9550 Fax: (561) 253-9551
 Certificate of Authorization No. 9302
 Jaime R. Celler, P.E. No. 82194



CITY OF PORT ST. LUCIE
 121 S.W. PORT ST. LUCIE BLVD.
 PORT ST. LUCIE, FL 34984

ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

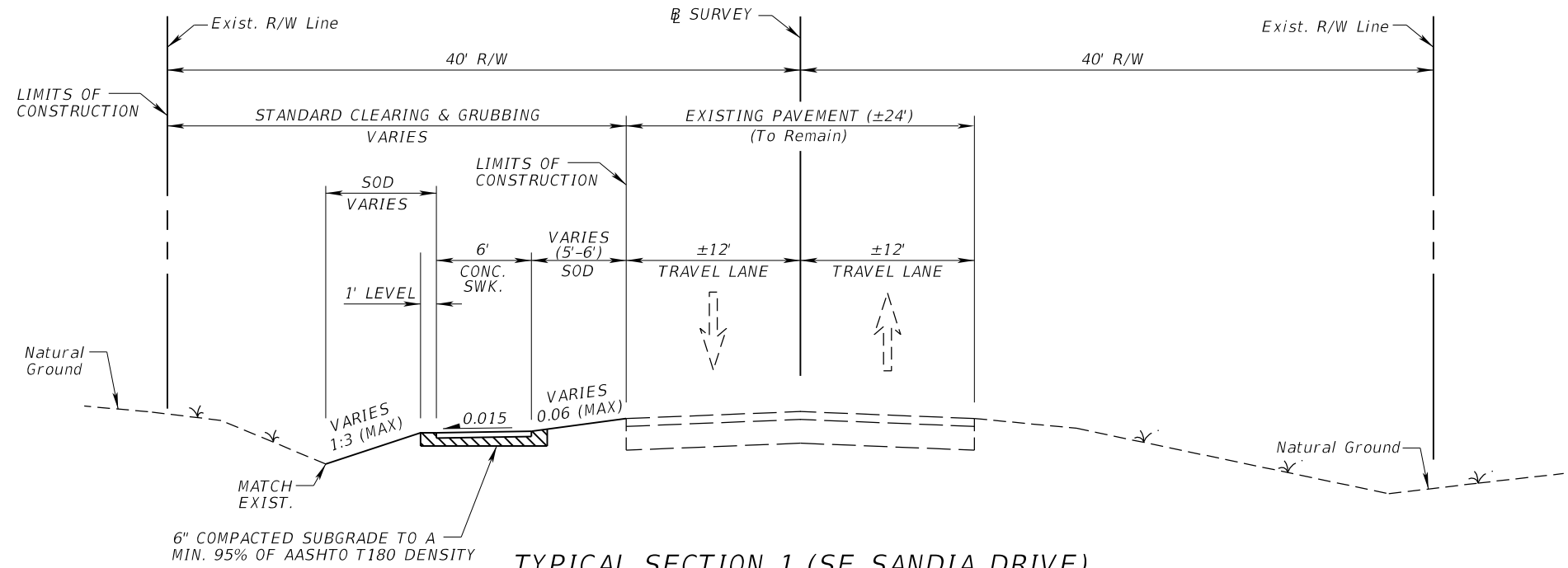
SUMMARY OF PAY ITEMS

SHEET NO.
3

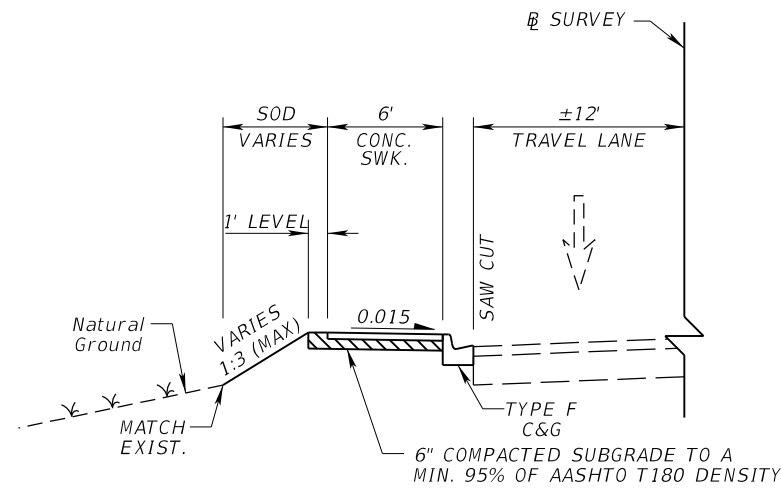
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NOTES:

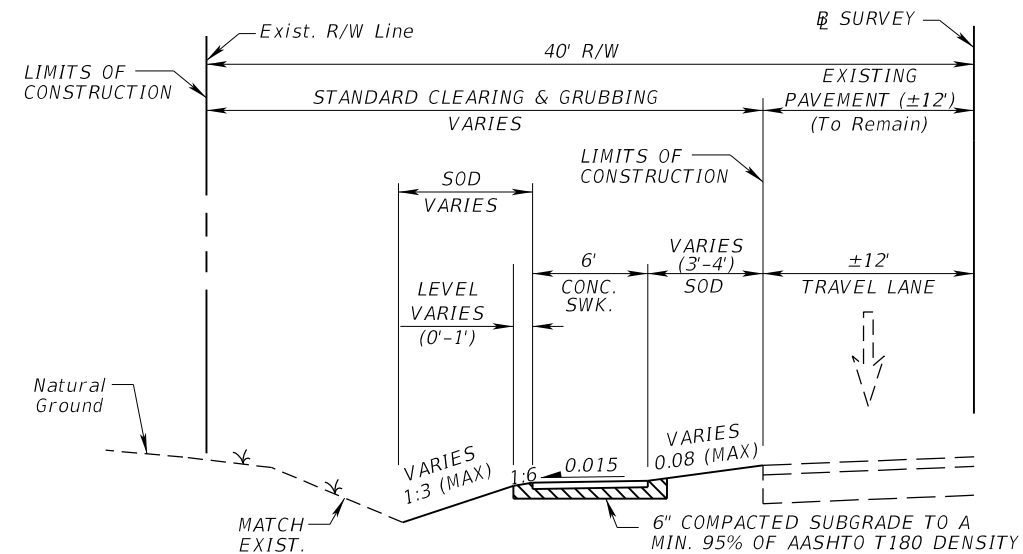
1. CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING OR REPAIRING ANY LANDSCAPING OR PRIVATE PROPERTY OUTSIDE THE LIMITS OF CONSTRUCTION DAMAGED DURING CONSTRUCTION.
2. ONLY EXCAVATION THAT CAN BE BACKFILLED BY THE END OF THE DAY SHALL BE EXCAVATED. NO DROP OFF GREATER THAN 3 INCHES SHALL BE ALLOWED TO REMAIN AT THE EDGE OF PAVEMENT AFTER THE WORK ENDS FOR THE DAY.
3. CONTRACTOR TO PROVIDE ACCESS TO LOCAL TRAFFIC AT ALL TIMES. CONTRACTOR TO PROVIDE TEMPORARY TRAFFIC DETOURS, IF NECESSARY, AT NO ADDITIONAL COST TO THE CITY OF PORT ST. LUCIE.
4. CONTRACTOR IS TO REPAIR ANY IRRIGATION SYSTEM DAMAGED OR CUT DURING CONSTRUCTION OPERATIONS; INCLUDING SYSTEMS THAT ARE WITHIN THE CITY OF PORT ST. LUCIE'S RIGHT OF WAY. ALL REPAIRED SYSTEMS SHALL BE ON THE LEFT SIDE OF THE SIDEWALK AND ALL REPLACEMENT HEADS SHALL BE ADJUSTED TO NOT ENCROACH ON SIDEWALK. ALL IRRIGATION REPAIRS SHALL BE MADE WITHIN 7 CALENDAR DAYS OF CUT AND VERIFIED OPERATIONAL BY ENGINEER.



TYPICAL SECTION 1 (SE SANDIA DRIVE)
 STA. 00+24.87 TO STA. 25+54.14
 STA. 38+50.00 TO STA. 59+40.00
 DESIGN SPEED = 35 MPH



SIDEWALK AT BACK OF CURB DETAIL
 STA. 27+59.89 TO STA 28+49.58
 STA 34+19.56 TO STA 34+81.00



TYPICAL SECTION 2 (SE SANDIA DRIVE)
 STA. 25+97.14 TO STA. 27+59.89
 STA. 34+81.00 TO STA. 38+50.00

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 121 S.W. PORT ST. LUCIE BLVD.
 PORT ST. LUCIE, FL 34984

ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

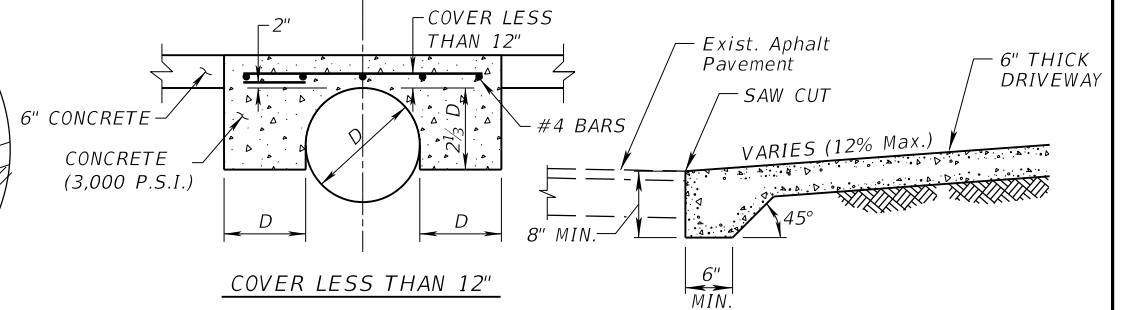
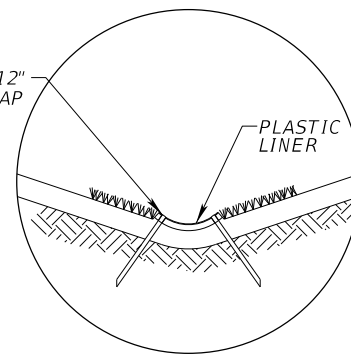
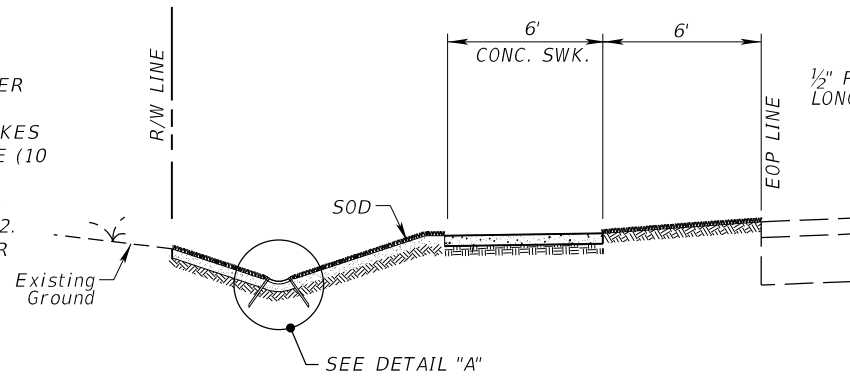
TYPICAL SECTION

SHEET NO.
4

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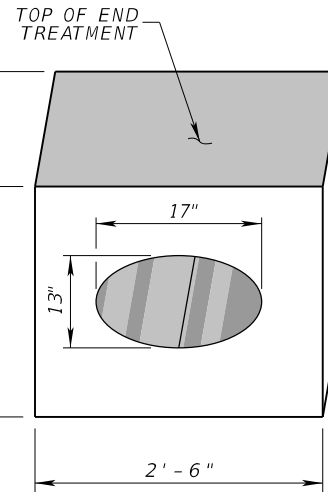
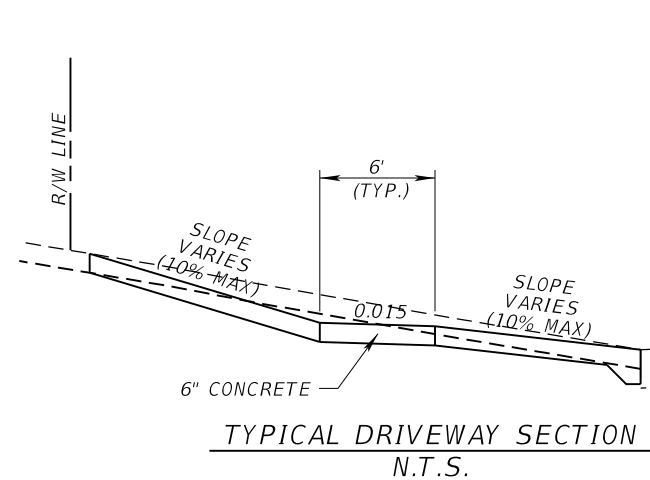
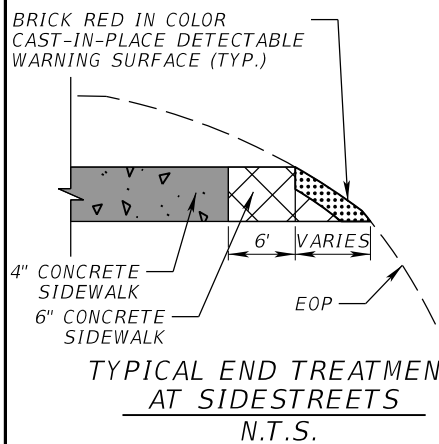
SWALE NOTES:

1. SWALE LINER: 1/4 SECTION OF 12" ID SMOOTH INNER WALL PERFORATED BLACK POLYETHYLENE PIPE.
2. 1/2" DIAMETER x 12" LONG PVC WITH CAP FOR STAKES THROUGH LINER AT CORRUGATION, EQUAL DISTANCE (10 PER 20' LENGTH).
3. SOD SHALL BE LAID OVER A 3" THICK SAND LAYER. PAYMENT WILL BE MADE UNDER PAY ITEM 0570-1-2.
4. ALLOW A 1 1/2" GAP BETWEEN LINER SECTIONS FOR EXPANSION.
5. THE PEGS MUST BE FLUSH WITH THE LINER.



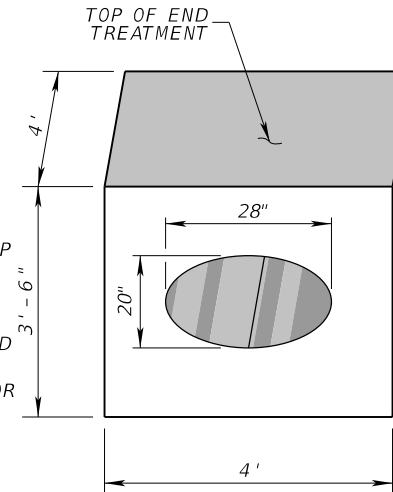
PLASTIC SWALE LINER INSTALLATION DETAILS

N.T.S.



NOTES FOR 13"x17" CAP:

1. PIPE TREATMENT SHALL MATCH FDOT DIMENSIONS FOR A CONCRETE PIPE COLLAR.
2. DIMENSIONS SHALL BE 6" WIDER THAN OUTSIDE EDGE OF PIPE AT CENTER, TOP AND BOTTOM.
3. DIMENSIONS SHALL BE STANDARD 2' x 2'-6" x 4' ON ALL 13" x 17" CAP.
4. ALL PIPE SHALL BE BITUMINOUS COATED WHERE CONCRETE TOUCHES METAL.
5. AVERAGE CONCRETE VOLUME 16.23 CF OR .60 CY PER END TREATMENT.



NOTES FOR 20"x28" CAP:

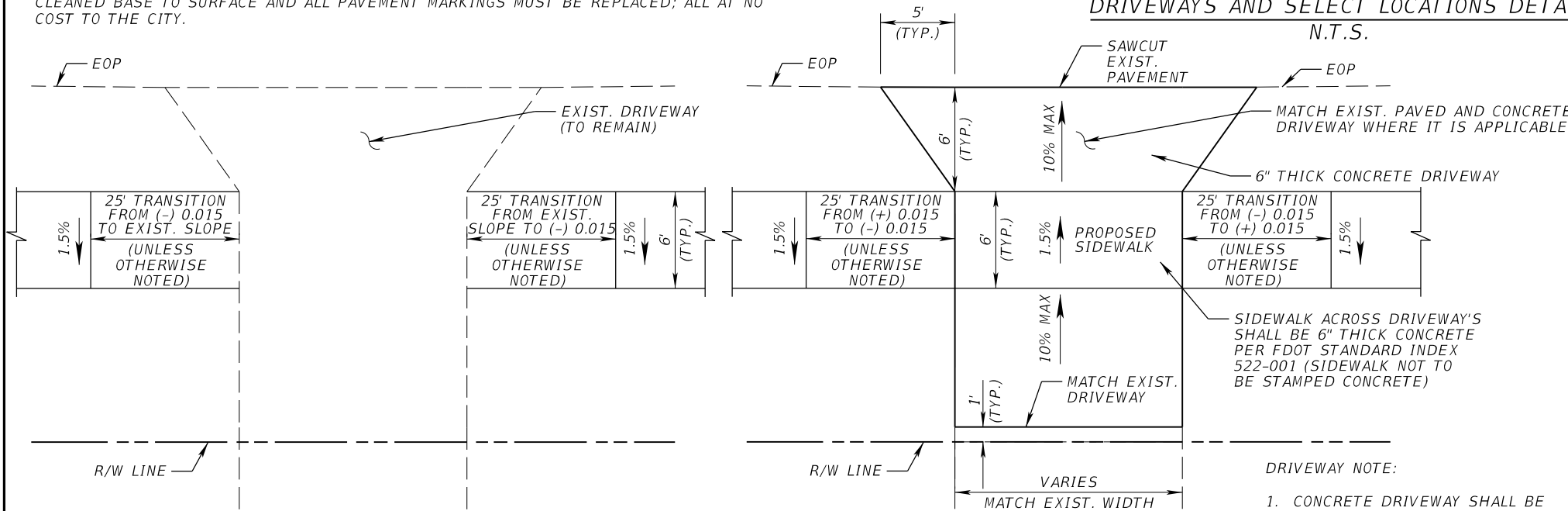
1. PIPE TREATMENT SHALL MATCH FDOT DIMENSIONS FOR A CONCRETE PIPE COLLAR.
2. DIMENSIONS SHALL BE 6" WIDER THAN OUTSIDE EDGE OF PIPE AT CENTER, TOP AND BOTTOM.
3. DIMENSIONS SHALL BE STANDARD 3'-6" x 4' x 4' ON ALL 20" x 28" CAP.
4. ALL PIPE SHALL BE BITUMINOUS COATED WHERE CONCRETE TOUCHES METAL.
5. AVERAGE CONCRETE VOLUME 45.88 CF OR 1.70 CY PER END TREATMENT.

EXIST. DRIVEWAY NOTE:

1. ANY DRIVEWAY DAMAGE CAUSED DURING CONSTRUCTION MUST BE REPAIRED; FROM CLEANED BASE TO SURFACE AND ALL PAVEMENT MARKINGS MUST BE REPLACED; ALL AT NO COST TO THE CITY.

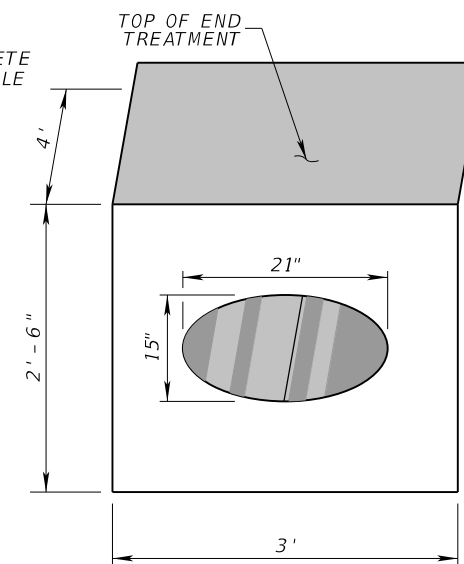
PIPE END TREATMENT FOR DRIVEWAYS AND SELECT LOCATIONS DETAIL

N.T.S.



PIPE END TREATMENT FOR DRIVEWAYS AND SELECT LOCATIONS DETAIL

N.T.S.



NOTES FOR 15"x21" CAP:

1. PIPE TREATMENT SHALL MATCH FDOT DIMENSIONS FOR A CONCRETE PIPE COLLAR.
2. DIMENSIONS SHALL BE 6" WIDER THAN OUTSIDE EDGE OF PIPE AT CENTER, TOP AND BOTTOM.
3. DIMENSIONS SHALL BE STANDARD 2'-6" x 3' x 4' ON ALL 15" x 21" CAP.
4. ALL PIPE SHALL BE BITUMINOUS COATED WHERE CONCRETE TOUCHES METAL.
5. AVERAGE CONCRETE VOLUME 23.26 CF OR 0.86 CY PER END TREATMENT.

TYPICAL EXIST. DRIVEWAY PLAN

N.T.S.

TYPICAL DRIVEWAY PLAN

N.T.S.

PIPE END TREATMENT FOR DRIVEWAYS AND SELECT LOCATIONS DETAIL

N.T.S.

- DRIVEWAY NOTE:**
1. CONCRETE DRIVEWAY SHALL BE SQUARE WITH ROAD. ANY ASPHALT DAMAGE CAUSED DURING CONSTRUCTION MUST BE REPAIRED WITH ASPHALT; FROM CLEANED BASE TO SURFACE AND ALL PAVEMENT MARKINGS MUST BE REPLACED; ALL AT NO COST TO THE CITY.

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

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 Consulting Engineers of Florida, LLC
 2041 Vista Parkway, Suite 101
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CITY OF PORT ST. LUCIE
 121 S.W. PORT ST. LUCIE BLVD.
 PORT ST. LUCIE, FL 34984

ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

TYPICAL SECTION DETAILS

SHEET NO. 5

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1. BENCHMARK DATUM USED FOR THESE PLANS IS NAVD 88. UNLESS SPECIFICALLY NOTED OTHERWISE, ALL ELEVATIONS AND DIMENSIONS ARE IN FEET REFERENCED TO NAVD 88.
2. TRAFFIC MUST BE MAINTAINED AT ALL TIMES IN ACCORDANCE WITH THE U.S. DEPARTMENT OF TRANSPORTATION "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", AND THE FLORIDA DEPARTMENT OF TRANSPORTATION "DESIGN STANDARDS" DATED FY 2020-21. THE CONTRACTOR SHALL FURNISH, ERECT, AND MAINTAIN ALL NECESSARY TRAFFIC CONTROL AND SAFETY DEVICES.
3. GRADES SHOWN ARE FINISHED GRADES.
4. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL PLAN DIMENSIONS AND SITE CONDITIONS, AND IS TO NOTIFY THE CITY OF PORT ST. LUCIE AND/OR THE ENGINEER OF ANY DISCREPANCIES BETWEEN THE SITE CONDITIONS AND INFORMATION SHOWN ON THE PLANS PRIOR TO COMMENCING WORK.
5. ALL PIPELINE TRENCHES SHALL BE BACKFILLED DURING ALL PERIODS WHEN CONSTRUCTION IS NOT IN PROGRESS.
6. CONTRACTOR WILL GIVE PROPERTY OWNERS AT LEAST 14 CALENDAR DAYS WRITTEN NOTICE FOR WORK TO BE DONE TO MODIFY ANY EXISTING IRRIGATION SYSTEMS AND/OR LANDSCAPE REMOVAL LOCATED WITHIN RIGHT-OF-WAY. CONTRACTOR SHALL CAP OFF EXISTING SYSTEM AT THE RIGHT-OF-WAY LINE AT THE CONTRACTOR'S EXPENSE IF PROPERTY OWNER DOES NOT MODIFY THE SYSTEM PRIOR TO CONSTRUCTION. NO WORK WILL BE DONE ON PRIVATE PROPERTY. THE CONTRACTOR SHALL PROVIDE THE CITY A SCHEDULE OF WHEN CLEARING AND GRUBBING WILL BEGIN FOR INCLUSION IN THE NOTIFICATION OF PROPERTY OWNERS. THE CONTRACTOR SHALL ALLOW THE PROPERTY OWNER 14 DAYS TO REMOVE LANDSCAPING INSIDE THE CITY OF PORT ST. LUCIE RIGHT-OF-WAY.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THE INTEGRITY OF MAKING THE REPAIRS TO EXISTING DRIVEWAY, PAVEMENT PIPES, CONDUITS CABLES, MAILBOXES, ETC. WEATHER OR NOT SHOWN ON THE PLANS AND DAMAGED AS A RESULT OF THE CONTRACTOR'S OPERATIONS AND/OR THOSE SUBCONTRACTORS, SHALL RESTORE THEM PROMPTLY AT NO ADDITIONAL COST TO THE OWNER OF THE CITY OF PORT ST. LUCIE. CONTRACTOR SHALL REPORT ANY DAMAGE TO DRIVEWAYS, PAVEMENT, MAILBOXES, ETC. TO THE ENGINEER AND CITY OF PORT ST. LUCIE, PRIOR TO BEGINNING WORK IN ANY AREA.
8. THE CONTRACTOR SHALL PROVIDE CONTINUOUS TRAFFIC ACCESS TO ADJOINING PROPERTIES ALONG THE ENTIRE LENGTH OF THE PROJECT.
9. IT IS NOT THE INTENT OF THESE PLANS TO SHOW ALL TEMPORARY EROSION CONTROL, TEMPORARY DRAINAGE, AND INCIDENTAL CONSTRUCTION NECESSARY TO PREVENT EROSION. THE CONTRACTOR IS TO PROVIDE EROSION CONTROL / SEDIMENTATION BARRIERS (SYNTHETIC BALES OR SILTATION CURTAIN) TO PREVENT SILTATION OF ADJACENT PROPERTY, STREETS, STORM SEWERS AND WATERWAYS. IN ADDITION, THE CONTRACTOR SHALL PLACE STRAW, MULCH, OR OTHER SUITABLE MATERIAL ON THE GROUND IN AREAS WHERE CONSTRUCTION RELATED TRAFFIC IS TO ENTER AND EXIT SITE. IF IN THE OPINION OF THE ENGINEER AND/OR LOCAL AUTHORITIES, EXCESSIVE QUANTITIES OF EARTH ARE TRANSPORTED OFF-SITE AND INTO EXISTING STORM DRAINAGE FACILITIES EITHER BY NATURAL DRAINAGE OR BY VEHICULAR TRAFFIC, THE CONTRACTOR, IS TO PROVIDE EROSION CONTROL AND RESTORE THE AREA TO THE SATISFACTION OF THE ENGINEER AND/OR LOCAL AUTHORITIES. SEE TEMPORARY EROSION AND SEDIMENT CONTROL DETAILS, AND TURBIDITY BARRIERS PER STORMWATER POLLUTION PREVENTION PLAN.
10. SIDEWALK SHALL BE 4 INCHES THICK AND SLOPE TOWARDS THE PROPOSED SWALE UNLESS OTHERWISE NOTED IN THE PLANS. SIDEWALKS WITHIN DRIVEWAY AND CURB RAMPS AREAS SHALL BE 6 INCHES THICK.
11. ALL CONCRETE SIDEWALK JOINTS SHALL BE TOOLED WITHOUT EXPANSION JOINTS.
12. ALL GRASS AREAS DISTURBED AS A RESULT OF CONTRACTOR'S ACTIVITIES SHALL RECEIVE SOD AND SHALL BE RESTORED TO THE ORIGINAL CONDITION OR BETTER.
13. THE CONTRACTOR SHALL MAINTAIN THE RIGHT-OF-WAY DURING CONSTRUCTION IN A SATISFACTORY MANNER TO PREVENT THE DEPOSITION OF SAND, ETC. BY WATER OR WIND EROSION ONTO ADJACENT PROPERTIES. EROSION CONTROL MEASURES CALLED IN THE PLANS SHALL BE IN PLACE PRIOR TO BEGINNING CONSTRUCTION. EROSION CONTROL ITEMS ARE ESTIMATED FOR PREVENTION, CONTROL, ABATEMENT OF EROSION, SEDIMENTATION, AND WATER SOLUTION. THESE ITEMS ARE TO BE USED AT THE LOCATIONS DESCRIBED IN THE CONTRACTOR'S APPROVED EROSION CONTROL FLOW OR AS DIRECTED BY THE ENGINEER TO COMPLY WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.
14. ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION IS TO BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR, SHOULD NOTIFY THE CITY SURVEYOR, WITHOUT DELAY, BY TELEPHONE: RICK COMPITELLO (772) 871-5280.
15. ANY EXISTING CITY OF PORT ST. LUCIE'S 2-INCH BENCHMARKS DISTURBED AS A RESULT OF CONTRACTOR'S ACTIVITIES SHALL BE SAVED AND RESET IF REMOVED. THE CONTRACTOR SHOULD NOTIFY THE CITY SURVEYOR, WITHOUT DELAY, BY TELEPHONE: RICK COMPITELLO (772) 871-5280.
16. EXISTING DRAINAGE STRUCTURES WITHIN CONSTRUCTION LIMITS SHALL REMAIN, UNLESS OTHERWISE NOTED.
17. EXISTING DRIVEWAYS WITHIN THE LIMITS OF THE PROJECT ARE TO BE REPLACED AT THE SAME LOCATION AND WIDTH, UNLESS OTHERWISE SHOWN IN THE PLANS.
18. ALL REPLACED STOP SIGNS SHALL INCLUDE STREET NAME BLADES. ALL PROPOSED SIGNS SHALL BE PER 2009 MUTCD OR LATEST VERSION.

19. EXISTING ROADWAY SIGNAGE WITHIN CONSTRUCTION LIMITS SHALL REMAIN IN PLACE, UNLESS OTHERWISE NOTED.
20. THE CONTRACTOR CAN ADJUST SIDEWALK LOCATION UP TO 2 FEET AS APPROVED BY THE ENGINEER.
21. UTILITY OWNERS:

RICK JOHNSON COMCAST (561) 402-4513 CABLE	ROB MORRIS FLORIDA POWER & LIGHT (772) 223-4215 ELECTRIC	LUKE FOLKERTS AT&T DISTRIBUTION (407) 496-6041 TELEPHONE
PAUL JOHNSON CITY OF PORT ST LUCIE (772) 871-5182 TRAFFIC OPERATIONS	RON MULLER CITY GAS COMPANY OF FLORIDA (321) 638-3424 GAS	LANEY SOUTHERLY CITY OF PORT ST LUCIE UTILITIES (772) 872-6400 WATER, SEWER & IRRIGATION LINES
22. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED UU) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.
23. EXISTING UTILITIES ARE TO REMAIN IN PLACE UNLESS OTHERWISE NOTED.
24. ANY EXISTING CITY OF PORT ST. LUCIE 2 INCH BENCHMARKS DISTURBED AS A RESULT OF CONTRACTOR'S ACTIVITIES SHALL BE SAVED AND RESET IF REMOVED. THE CONTRACTOR SHOULD NOTIFY THE CITY SURVEYOR, WITHOUT DELAY, BY TELEPHONE: RICK COMPITELLO (772) 871-5280.

GENERAL CONSTRUCTION SPECIFICATION NOTES:

1. WORK HOURS:
 - A) WORK HOURS ARE FROM 7:00 AM TO DUSK, MONDAY-FRIDAY.
 - B) WORK WILL NOT BE ALLOWED ON WEEKENDS OR HOLIDAYS OBSERVED BY THE CITY OF PORT ST. LUCIE, UNLESS WRITTEN APPROVAL IS OBTAINED FROM THE CITY. THE CONTRACTOR MUST RECEIVE WRITTEN PERMISSION FROM THE CITY AND PROVIDE AN APPROVED TEMPORARY TRAFFIC CONTROL PLAN BEFORE ANY LANE CLOSURES CAN OCCUR.
2. INCIDENTAL ITEMS:
 - A) ALL STREET SIGNS SHALL BE PRESERVED OR RELOCATED TO THE SAME OR SUITABLE LOCATION AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCESS TO MAILBOXES AT ALL TO ENSURE U.S. POSTAL SERVICE DELIVERY. COST SHALL BE INCIDENTAL TO THE PAY ITEM FOR MAINTENANCE OF TRAFFIC.
 - B) ANY SIGNS DAMAGED BY THE CONTRACTOR MUST BE REPLACED TO CURRENT FDOT STANDARDS.
 - C) THE CONTRACTOR SHALL KEEP THE ENGINEER INFORMED OF ALL ACTIVITIES AND SHALL NOTIFY THE ENGINEER A MINIMUM OF THREE WORKING DAYS IN ADVANCE OF THE BEGINNING OF ALL CONSTRUCTION PHASES INCLUDING, BUT NOT LIMITED TO, CLEARING-AND-GRUBBING, EARTHWORK, STORM-DRAINAGE, AND GRASSING.
3. CLEARING AND GRUBBING:
 - A) ALL MATERIALS, DEBRIS, UNSUITABLE EARTH, ETC. OF NON-SALVAGEABLE VALUE SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF BY THE CONTRACTOR.
 - B) NO DEBRIS OR OTHER UNSUITABLE MATERIALS SHALL BE BURIED ON-SITE.
 - C) NO BURNING WITHIN THE PROJECT RIGHT-OF-WAY SHALL BE PERMITTED.
4. EARTHWORK CONSTRUCTION:
 - A) ALL EARTHWORK CONSTRUCTION SHALL BE PAID FOR BY PLAN QUANTITIES.
 - B) ALL EXCESS FILL MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF OFF-SITE.
5. REMOVAL OF EXISTING PAVING:
 - A) ALL ASPHALT AND CONCRETE MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF BY THE CONTRACTOR.
6. RIGHT-OF-WAY:
 - A) ALL WORK FOR THIS PROJECT WILL BE COMPLETED WITHIN AND FROM THE EXISTING RIGHT-OF-WAY.



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DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION			SE SANDIA DRIVE	ST. LUCIE		6

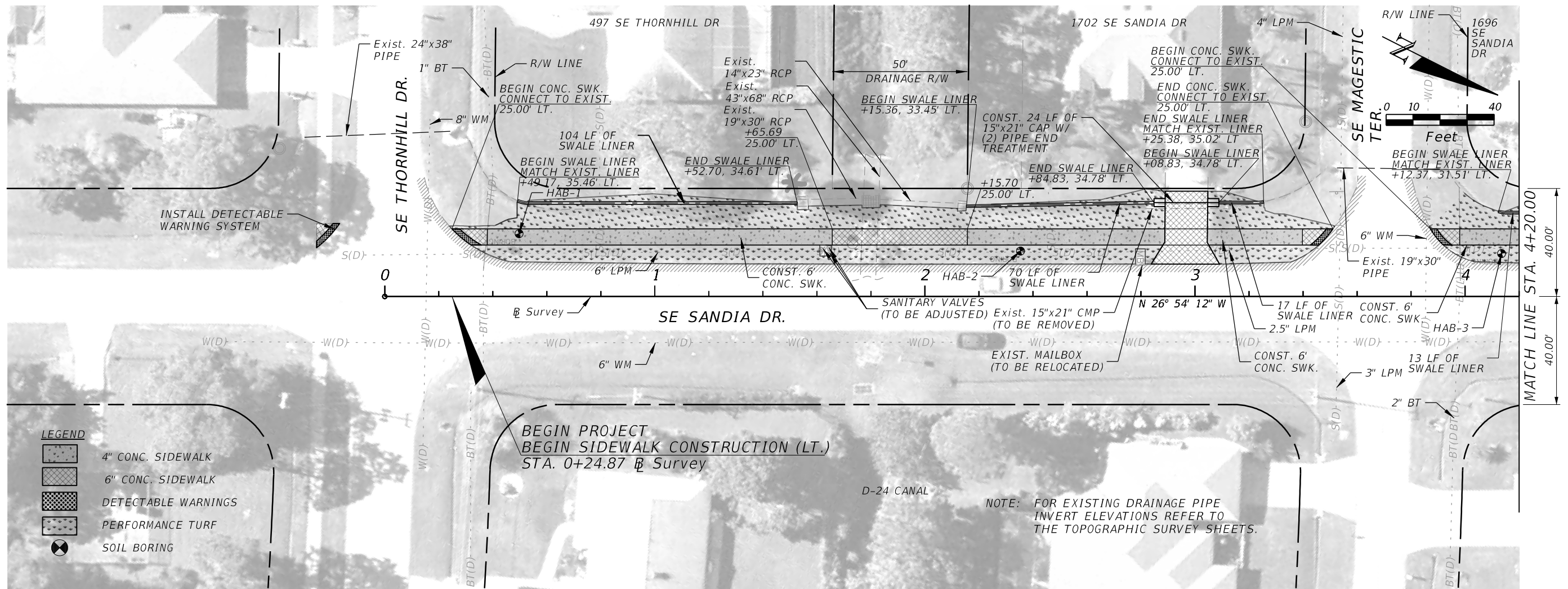
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ENVIRONMENTAL NOTES:

1. WHEN ENCOUNTERING OR EXPOSING ANY ABNORMAL CONDITION INDICATING THE PRESENCE OF A HAZARDOUS OR TOXIC WASTE, OR CONTAMINANTS, CEASE OPERATIONS IMMEDIATELY IN THE VICINITY AND NOTIFY RICHARD PERKINS AT (772)302-0089 WITH THE CITY OF PORT ST. LUCIE. THE PRESENCE OF TANKS OR BARRELS; DISCOLORED EARTH, METAL, WOOD, GROUND WATER, ETC.; VISIBLE FUMES; ABNORMAL ODORS; EXCESSIVELY HOT EARTH; SMOKE; OR OTHER CONDITIONS THAT APPEAR ABNORMAL MAY INDICATE HAZARDOUS OR TOXIC WASTES OR CONTAMINANTS AND MUST BE TREATED WITH EXTREME CAUTION.
2. MAKE EVERY EFFORT TO MINIMIZE THE SPREAD OF CONTAMINATION INTO UNCONTAMINATED AREAS. IMMEDIATELY PROVIDE FOR THE HEALTH AND SAFETY OF ALL WORKERS AT THE JOB SITE AND MAKE PROVISIONS NECESSARY FOR THE HEALTH AND SAFETY OF THE PUBLIC THAT MAY BE EXPOSED TO ANY POTENTIALLY HAZARDOUS CONDITIONS. PROVISIONS SHALL MEET ALL APPLICABLE LOCAL, STATE, AND FEDERAL LAWS, RULES, REGULATIONS OR CODES COVERING HAZARDOUS CONDITIONS AND WILL BE IN A MANNER COMMENSURATE WITH THE GRAVITY OF THE CONDITIONS.
3. THE CITY OF PORT ST. LUCIE AND/OR CONTRACTOR WILL COORDINATE AND MOBILIZE A QUALIFIED CONTAMINATION ASSESSMENT/REMEDATION (CAR) CONTRACTOR. QUALIFICATIONS OF SUCH CAR CONTRACTOR SHALL INCLUDE, BUT NOT BE LIMITED TO: EXPERIENCE AND PERSONNEL TO PREPARE CONTAMINATION ASSESSMENT PLANS, CONTAMINATION ASSESSMENTS, PREPARE SITE ASSESSMENT REPORTS, REMEDIATION PLANS, IMPLEMENT REMEDIAL ACTION PLANS, RISK BASED CORRECTIVE ACTIONS, STORAGE TANKS SYSTEM REMOVAL, HIGHWAY SPILL RESPONSE AS WELL AS EXPERIENCE WITH INFRASTRUCTURE/CONSTRUCTION ACTIVITIES WITHIN (POTENTIALLY) CONTAMINATED AREAS SPECIFIC TO TRANSPORTATION SYSTEMS.
4. ALL THE WORK PERFORMED BY THE CAR CONTRACTOR SHALL BE PERFORMED IN COMPLIANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS GOVERNING WORKER SAFETY AND ENVIRONMENTAL REGULATIONS. THIS IS TO INCLUDE OCCUPATIONAL EXPOSURE TO CONTAMINATED SOILS, GROUNDWATER, WASTES AND ATMOSPHERE DURING THE CONSTRUCTION OF ALL FEATURES INCLUDED IN THE CONSTRUCTION PLANS. IN ADDITION, THE CAR CONTRACTOR MUST BE STAFFED WITH FLORIDA LICENSED TECHNICAL PROFESSIONALS (GEOLOGISTS AND ENGINEERS) WHO WILL BE INVOLVED WITH THE PROJECT AND KNOWLEDGEABLE OF THE WORK ACTIVITIES CONDUCTED WITHIN THE IDENTIFIED CONTAMINATED AREAS AND WHO WOULD SIGN AND SEAL PROJECT REPORTS AS REQUIRED FOR SUBMITTAL TO THE APPROPRIATE ENVIRONMENTAL REGULATORY AGENCIES.
5. THE CITY OF PORT ST. LUCIE WILL IMMEDIATELY NOTIFY THE FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) DISTRICT IV CONTAMINATION IMPACT COORDINATOR (DCIC) AT (954) 777-4286 AFTER ENCOUNTERING THE UNIDENTIFIED AREAS OF CONTAMINATION. PRELIMINARY INVESTIGATION BY THE CAR CONTRACTOR WILL DETERMINE THE COURSE OF ACTION NECESSARY FOR SITE SECURITY AND THE STEPS NECESSARY UNDER APPLICABLE LAWS, RULES, AND REGULATIONS FOR ADDITIONAL ASSESSMENT AND/OR REMEDIATION WORK TO RESOLVE THE CONTAMINATION ISSUE.
6. FOLLOWING COMPLETION OF THE PROJECT, THE CAR CONTRACTOR SHALL BE REQUIRED TO PROVIDE COPIES OF ALL REPORTS SUBMITTED TO REGULATORY AGENCIES, WASTE MATERIAL PROFILES, MANIFESTS AND/OR DISPOSAL RECEIPTS FOR THE HANDLING OF ALL CONTAMINATED MEDIA INCLUDING BUT NOT LIMITED TO GROUND WATER, WASTE WATER, SOILS, SOLID WASTES, SLUDGE, HAZARDOUS WASTES, AIR MONITORING RECORDS AND SAMPLE RESULTS FOR ALL MATERIALS TESTED AND ANALYZED TO THE CITY OF PORT ST. LUCIE AND THE FDOT DCIC.
7. GOPHER TORTOISES AND THEIR BURROWS ARE PROTECTED BY STATE LAW, CHAPTER 68A - 27.003, FL ADMINISTRATIVE CODE. A PRECONSTRUCTION SURVEY FOR GOPHER TORTOISE BURROWS IS RECOMMENDED FOR THIS PROJECT FOR THE PURPOSE OF PROTECTING BURROWS FROM CONSTRUCTION VEHICLES AND EQUIPMENT STAGING WITHIN THE RIGHT-OF-WAY. SURVEYING AND PERMITTING WILL BE CONDUCTED WITHIN 6 MONTHS PRIOR TO CONSTRUCTION NOTICE TO PROCEED (NTP).
 - A) PRIOR TO CONSTRUCTION, THE CITY OF PORT ST. LUCIE WILL RELOCATE TORTOISES WITHIN THE PATH OF CONSTRUCTION ACTIVITIES AND IDENTIFY TORTOISES THAT ARE TO BE AVOIDED BY CONSTRUCTION ACTIVITIES INCLUDING STAGING OF MATERIALS AND PARKING OF EQUIPMENT.
 - B) THE LOCATIONS OF TORTOISES REQUIRING AVOIDANCE DURING CONSTRUCTION WILL BE PROVIDED TO THE CONTRACTOR AT THE PRECONSTRUCTION CONFERENCE.
 - C) THE CONTRACTOR SHALL AVOID IMPACTS TO GOPHER TORTOISES FOR A DISTANCE OF 25 FEET IN ALL DIRECTIONS FROM THE MOUTH OF THE BURROW BY USING FLAGGING OR OTHER MEANS OF AVOIDANCE SUCH AS SILT OR BARRICADE FENCING AS LONG AS THE BURROW IS NOT FULLY ENCLOSED.
 - D) BURROWS THAT APPEAR OR ARE DISCOVERED AFTER CONSTRUCTION BEGINS SHALL BE SIMILARLY PROTECTED WITH FENCING.
 - E) IF GOPHER TORTOISE BURROWS WILL BE IMPACTED BY THE ROADWAY IMPROVEMENTS, PERMITTING WITH THE PROPER REGULATORY AGENCIES WILL BE CONDUCTED PRIOR TO CONSTRUCTION.
 - F) IF THE CONTRACTOR DETERMINES THAT A BURROW CANNOT BE AVOIDED BY 25 FEET, THE CONTRACTOR WILL STOP WORK AND CONTACT THE CITY OF PORT ST. LUCIE IN ACCORDANCE WITH GUIDANCE IN THE FDOT'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

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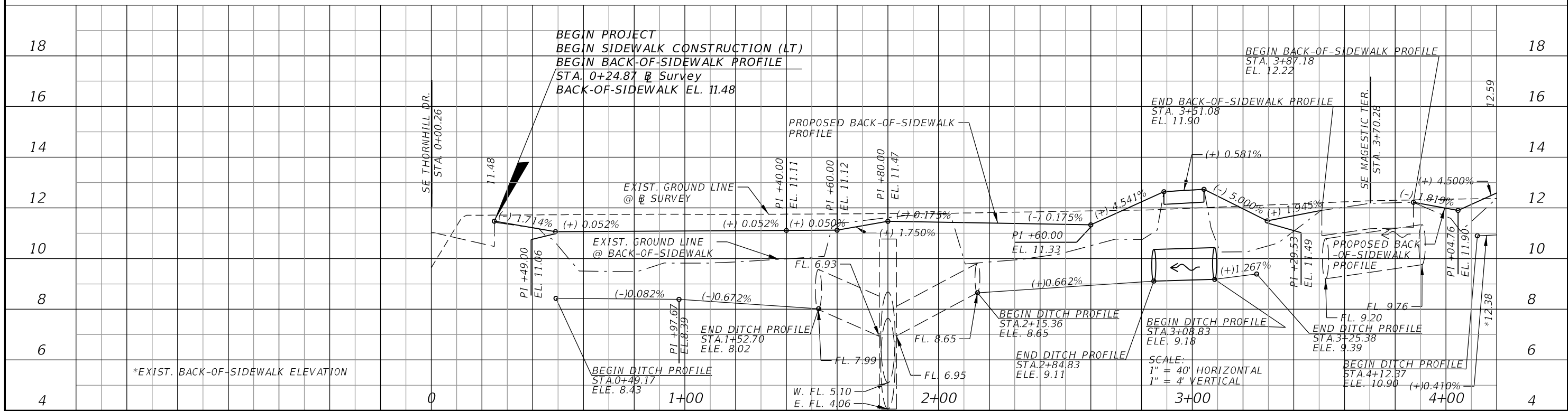
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DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION		ROAD	COUNTY		7
						SE SANDIA DRIVE	ST. LUCIE			



LEGEND

	4" CONC. SIDEWALK
	6" CONC. SIDEWALK
	DETECTABLE WARNINGS
	PERFORMANCE TURF
	SOIL BORING

NOTE: FOR EXISTING DRAINAGE PIPE INVERT ELEVATIONS REFER TO THE TOPOGRAPHIC SURVEY SHEETS.



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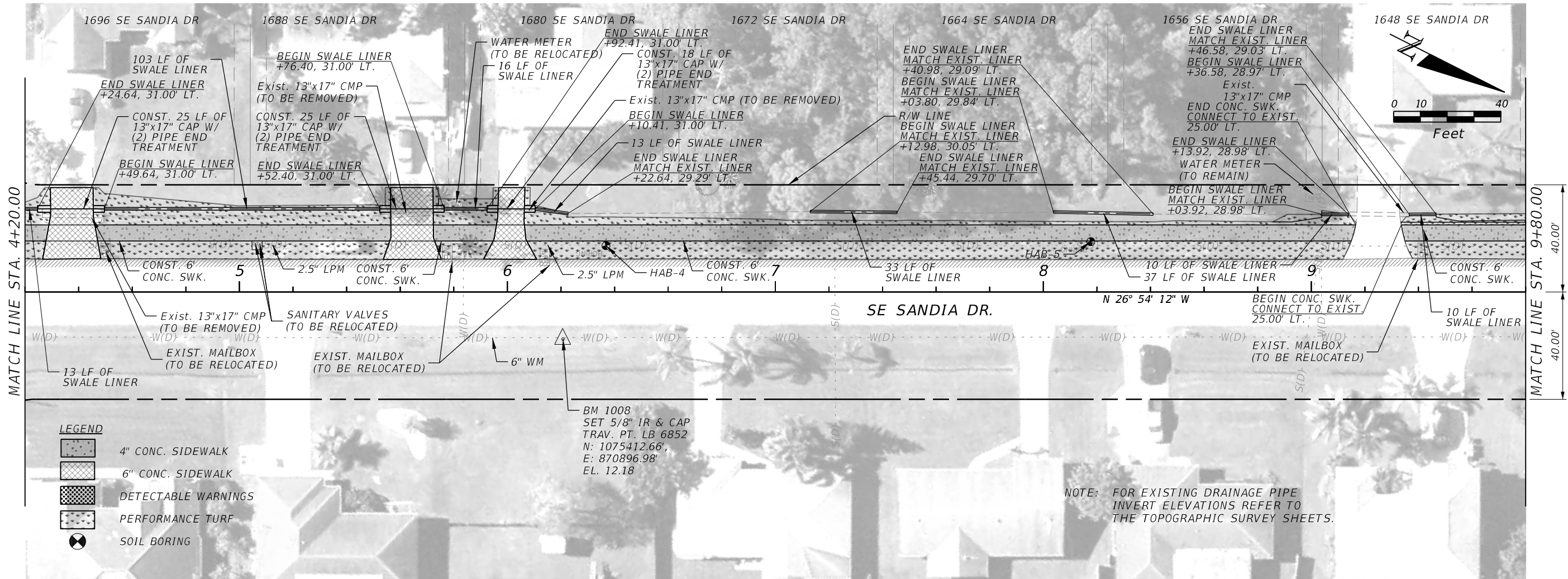
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ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

**SIDEWALK
 PLAN & PROFILE**

SHEET NO. 8

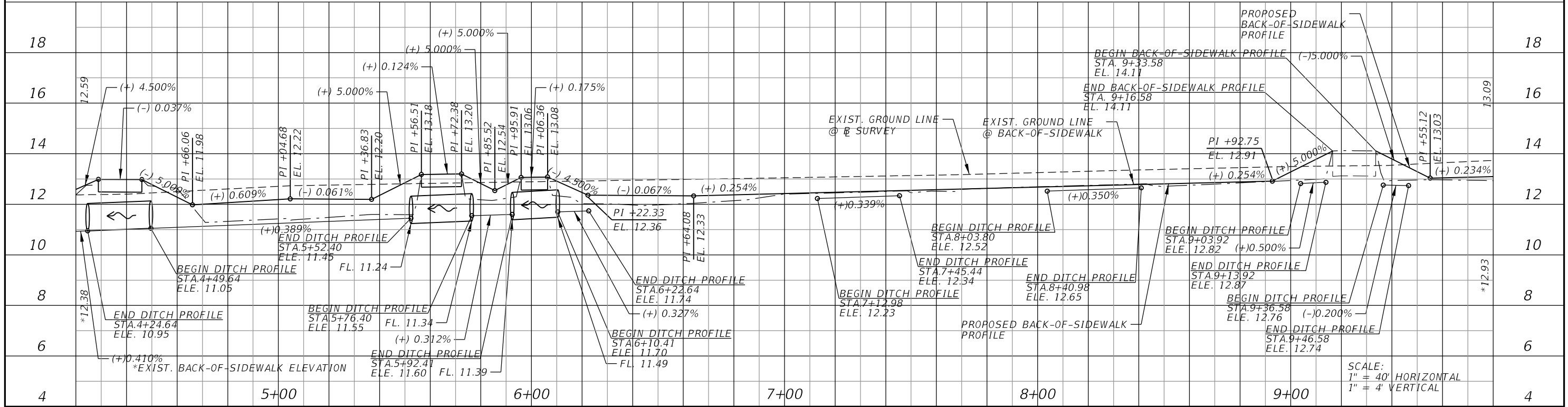
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- LEGEND**
- 4" CONC. SIDEWALK
 - 6" CONC. SIDEWALK
 - DETECTABLE WARNINGS
 - PERFORMANCE TURF
 - SOIL BORING

BM 1008
SET 5/8" IR & CAP
TRAV. PT. LB 6852
N: 1075412.66'
E: 870896.98'
EL. 12.18

NOTE: FOR EXISTING DRAINAGE PIPE
INVERT ELEVATIONS REFER TO
THE TOPOGRAPHIC SURVEY SHEETS.



SCALE:
1" = 40' HORIZONTAL
1" = 4' VERTICAL

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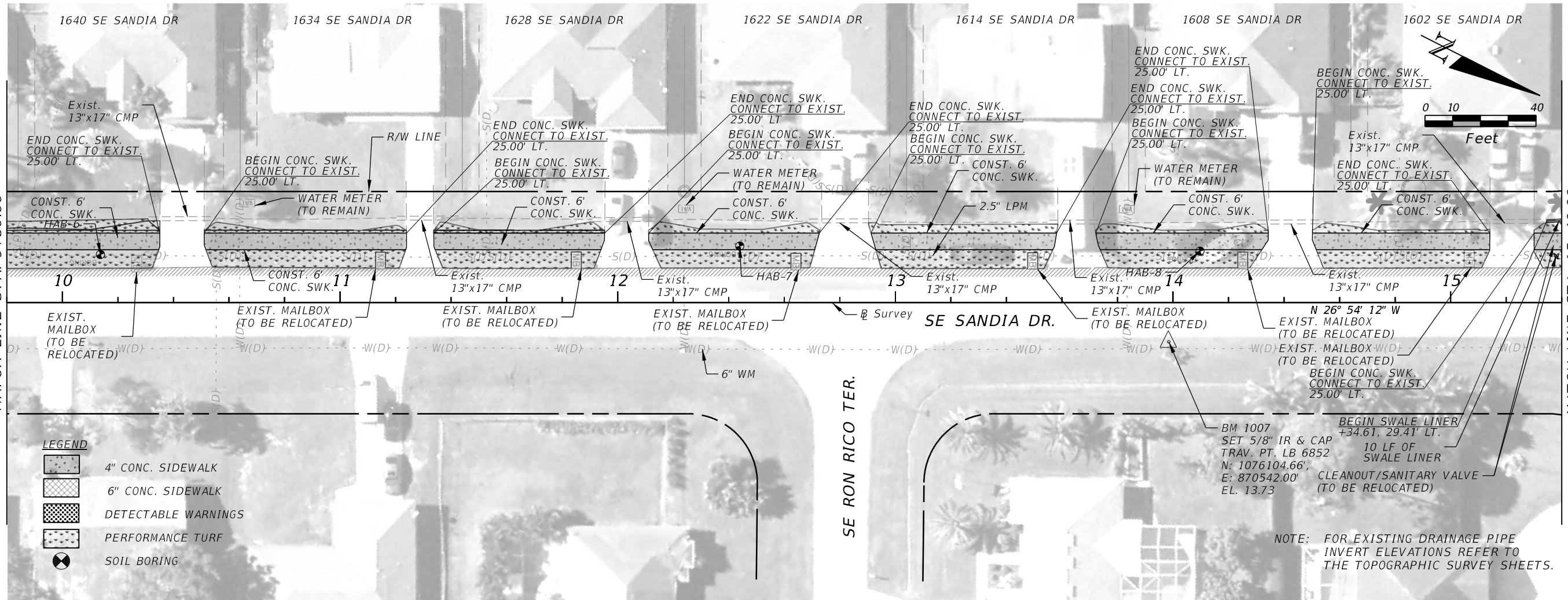
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ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

**SIDEWALK
PLAN & PROFILE**

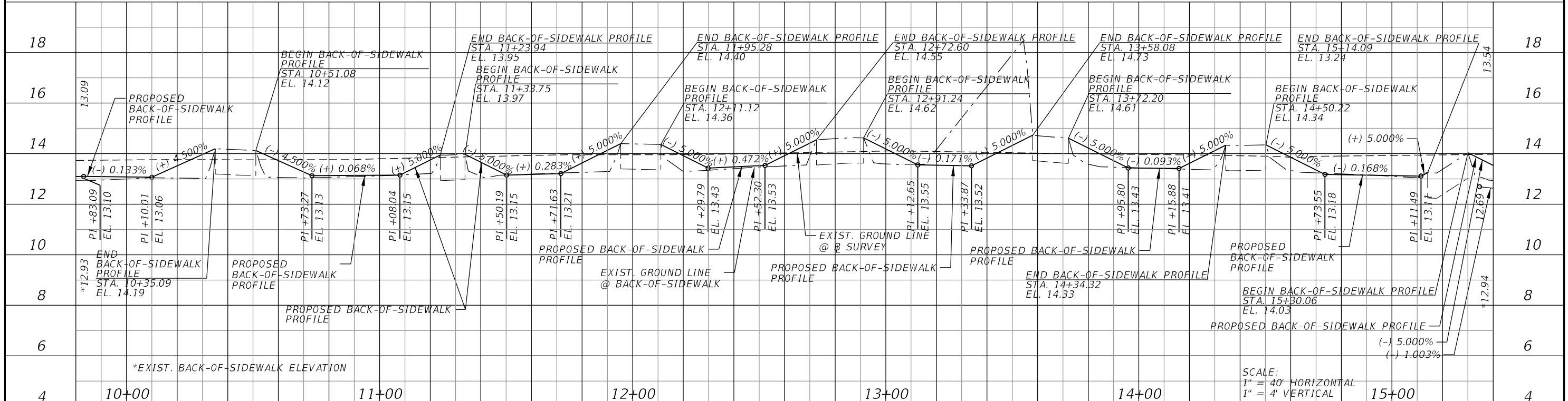
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- LEGEND**
- 4" CONC. SIDEWALK
 - 6" CONC. SIDEWALK
 - DETECTABLE WARNINGS
 - PERFORMANCE TURF
 - SOIL BORING

NOTE: FOR EXISTING DRAINAGE PIPE INVERT ELEVATIONS REFER TO THE TOPOGRAPHIC SURVEY SHEETS.



SCALE:
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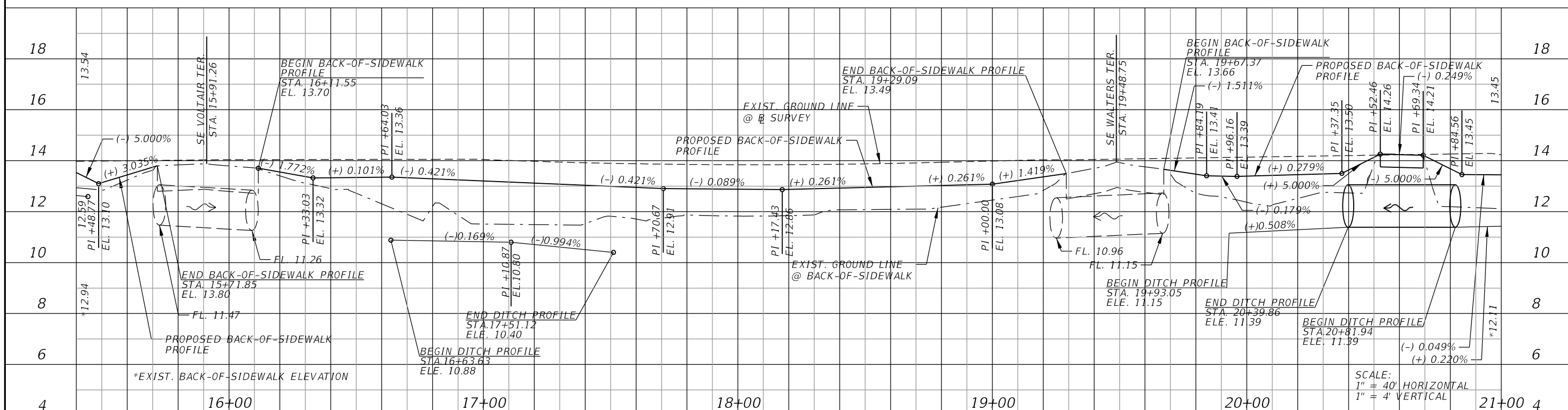
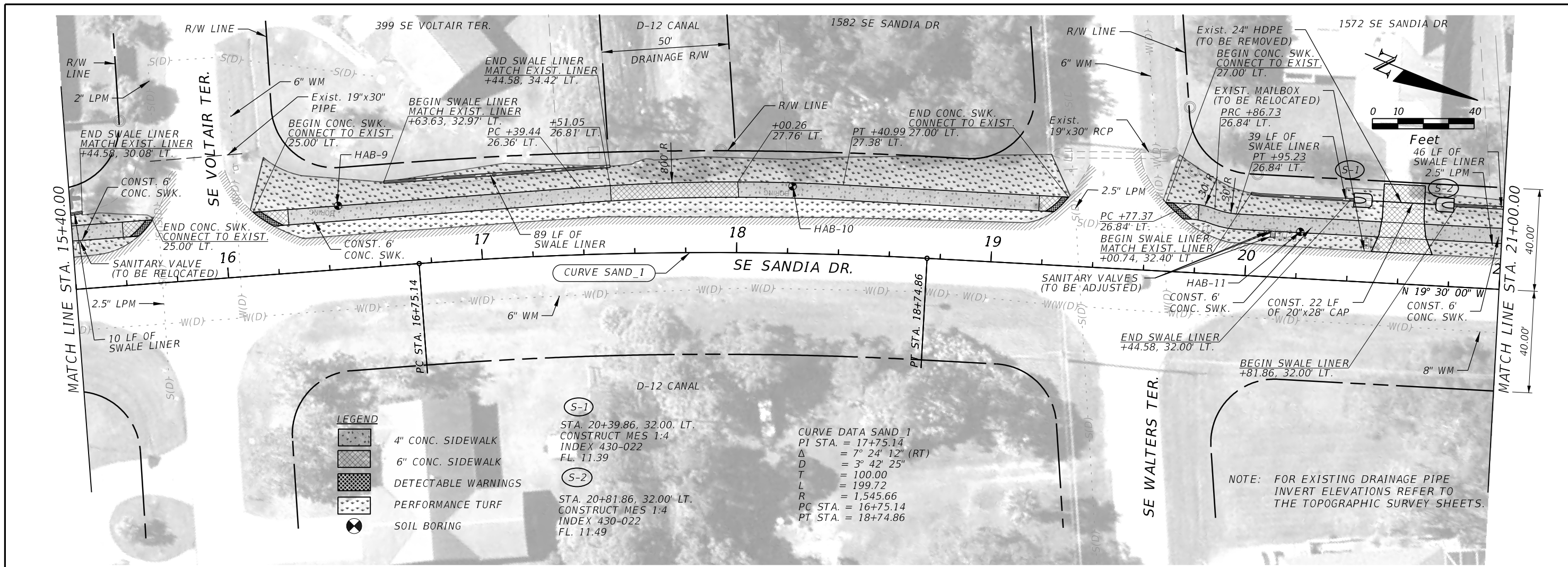
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**SIDEWALK
PLAN & PROFILE**

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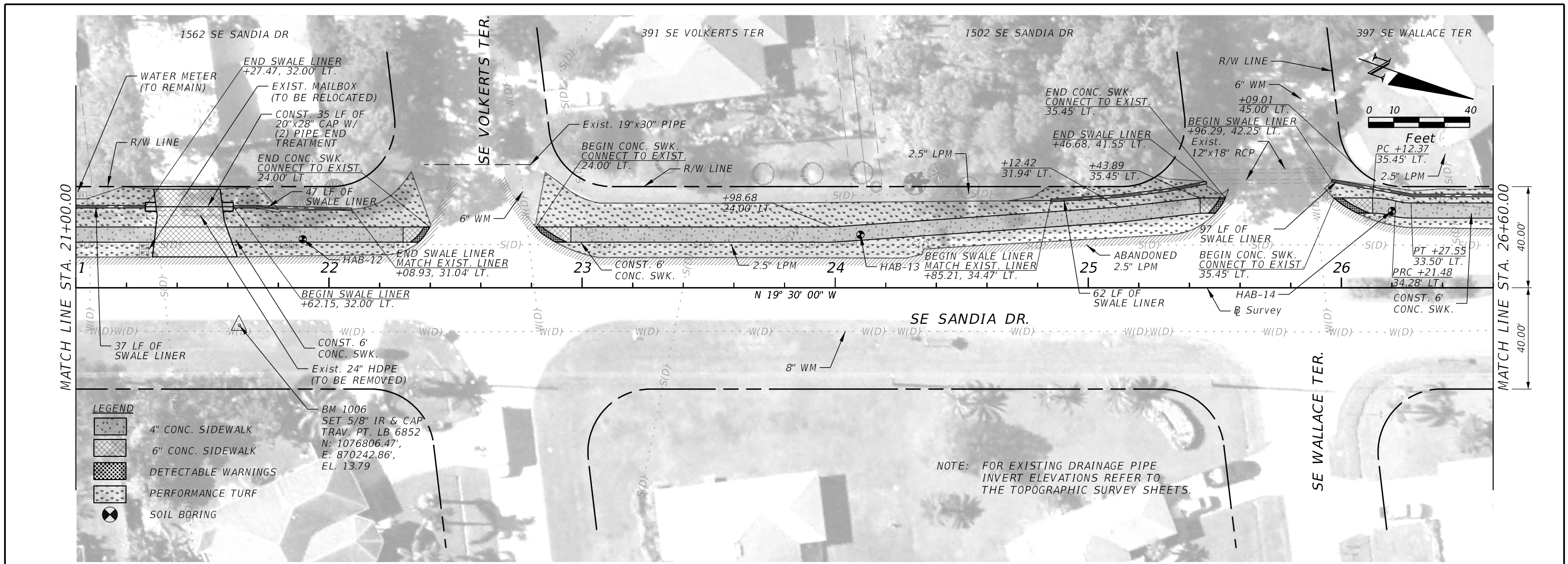
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ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

SIDEWALK PLAN & PROFILE

SHEET NO. 11

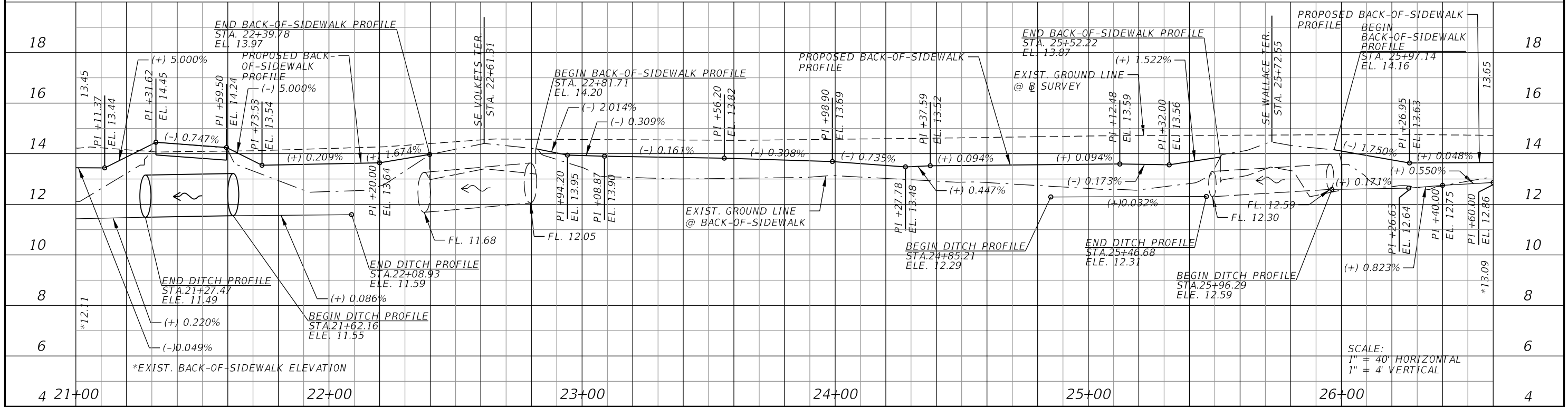
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- LEGEND**
- 4" CONC. SIDEWALK
 - 6" CONC. SIDEWALK
 - DETECTABLE WARNINGS
 - PERFORMANCE TURF
 - SOIL BORING

BM 1006
SET 5/8" IR & CAP
TRAV. PT. LB 6852
N: 1076806.47',
E: 870242.86',
EL. 13.79

NOTE: FOR EXISTING DRAINAGE PIPE
INVERT ELEVATIONS REFER TO
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SCALE:
1" = 40' HORIZONTAL
1" = 4' VERTICAL

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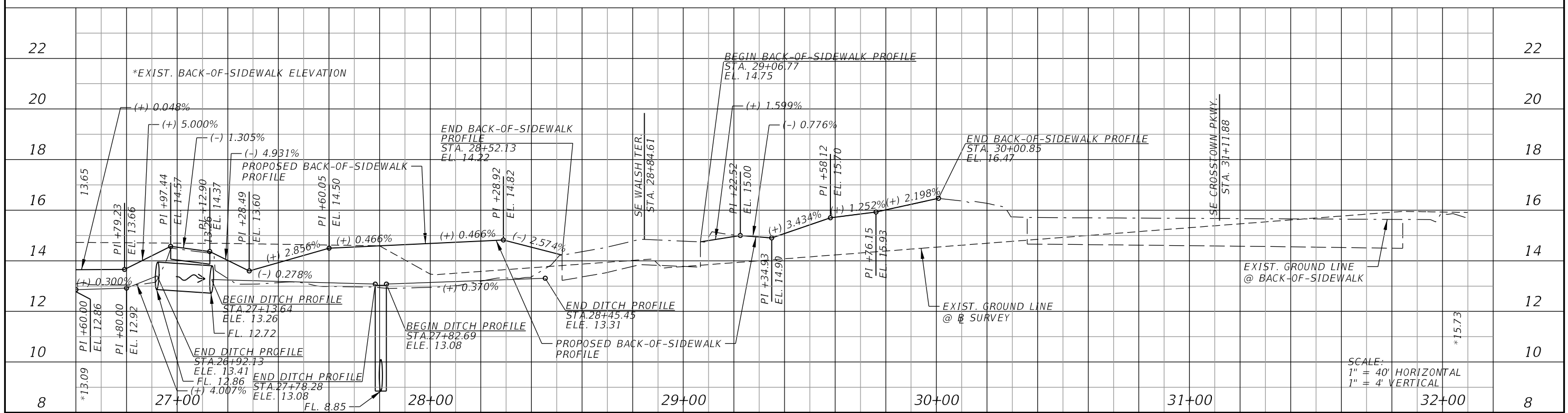
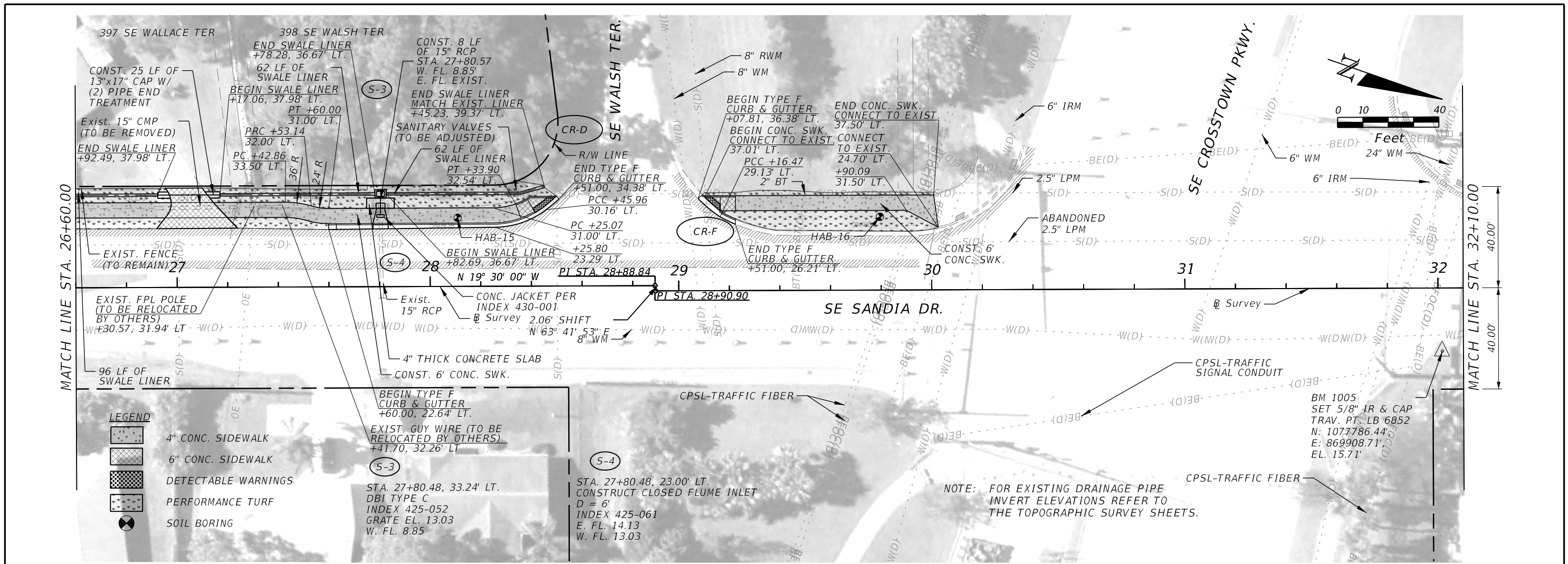
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ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

**SIDEWALK
PLAN & PROFILE**

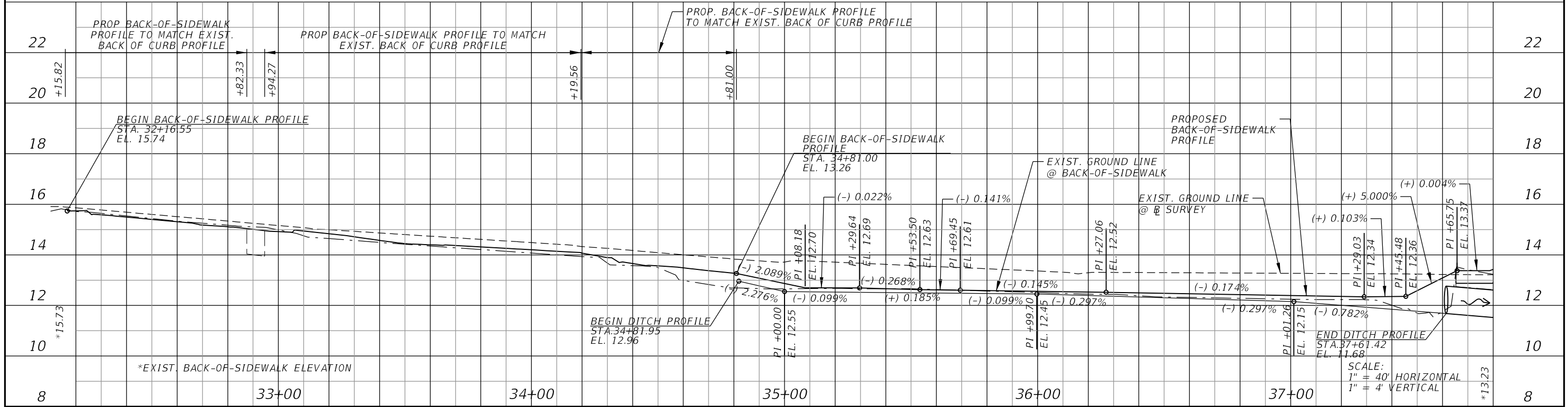
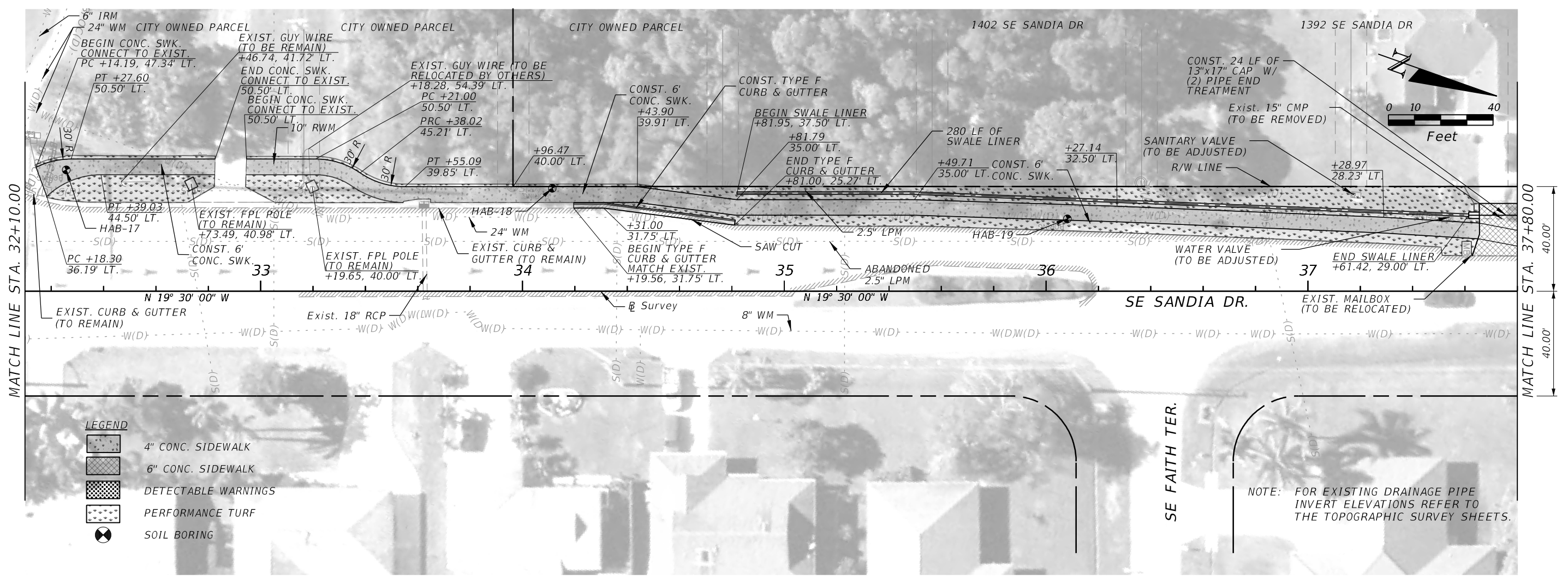
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<p>ROAD: SE SANDIA DRIVE</p>		<p>COUNTY: ST. LUCIE</p>		<p>11/2/2020 4:44:32 PM c:\pw\work\american-pw-01\dms36324\PLPRR006.dgn</p>		

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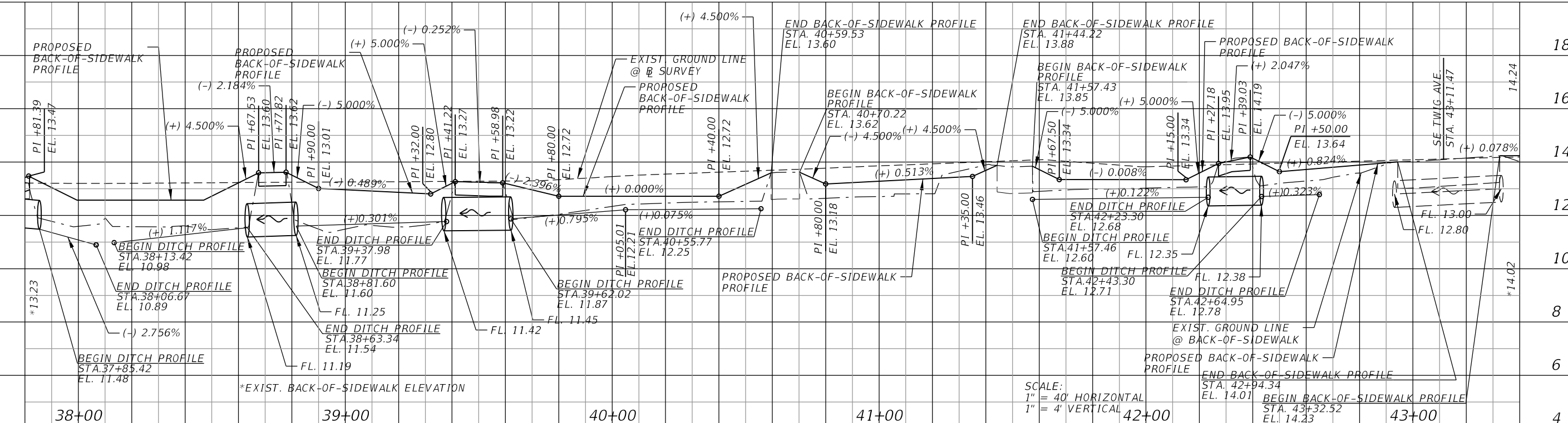
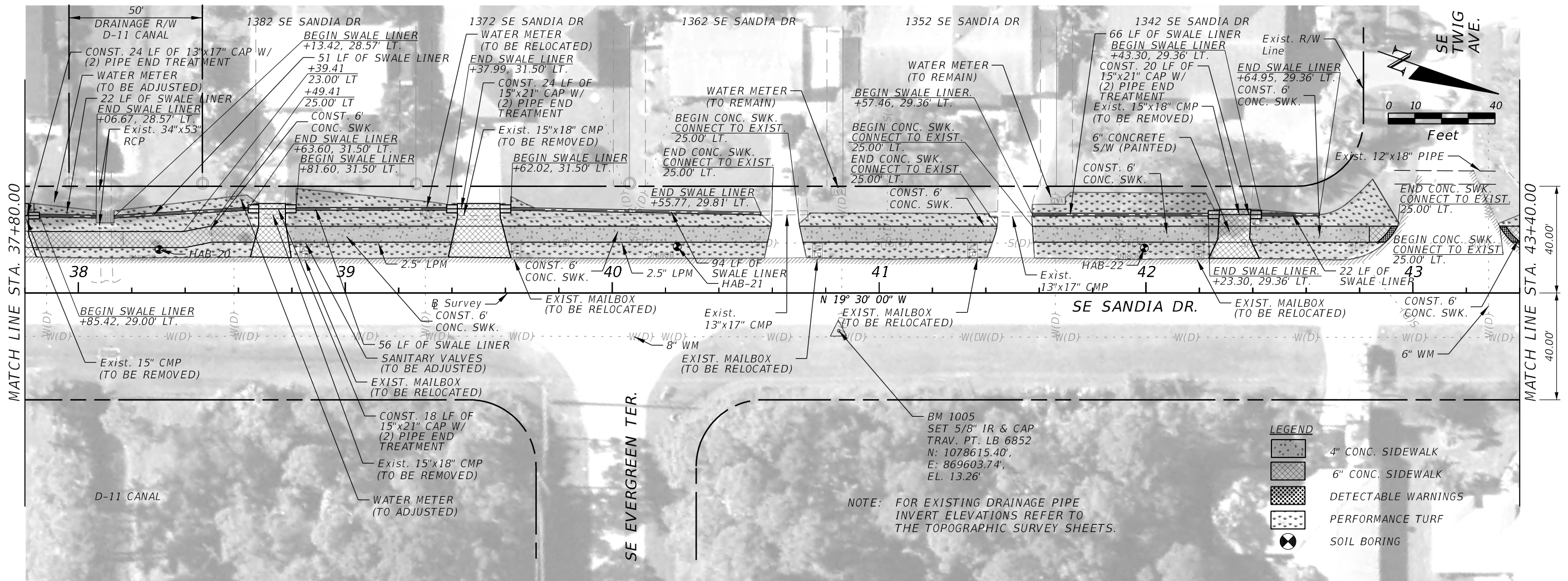
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ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

**SIDEWALK
 PLAN & PROFILE**

SHEET NO. 14

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American
 Consulting Engineers of Florida, LLC
 2041 Vista Parkway, Suite 101
 West Palm Beach, Florida 33411
 Phone: (561) 253-9550 Fax: (561) 253-9551
 Certificate of Authorization No. 9302
 Jaime R. Celler, P.E. No. 82194

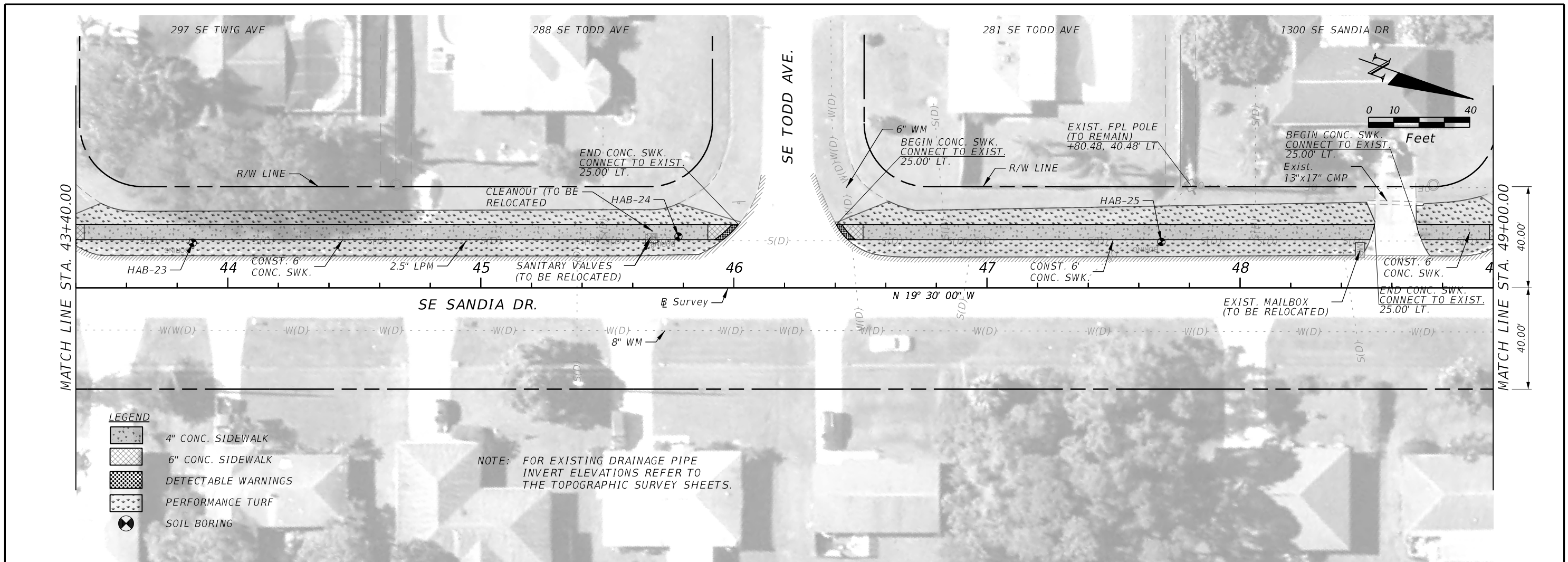
CITY OF PORT ST. LUCIE
 121 S.W. PORT ST. LUCIE BLVD.
 PORT ST. LUCIE, FL 34984

ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

**SIDEWALK
 PLAN & PROFILE**

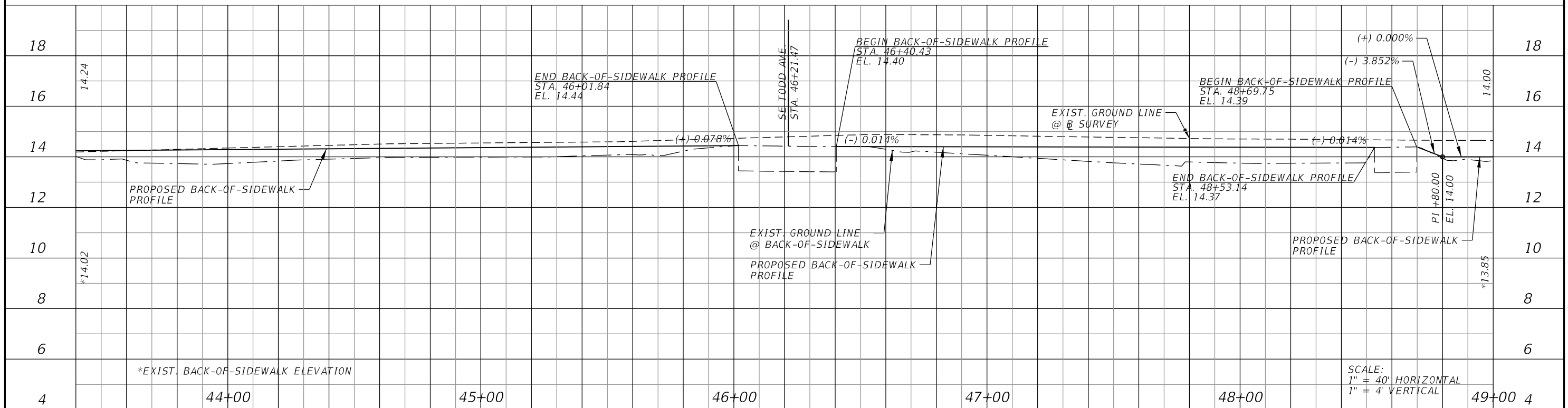
SHEET NO. 15

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- LEGEND**
- 4" CONC. SIDEWALK
 - 6" CONC. SIDEWALK
 - DETECTABLE WARNINGS
 - PERFORMANCE TURF
 - SOIL BORING

NOTE: FOR EXISTING DRAINAGE PIPE
INVERT ELEVATIONS REFER TO
THE TOPOGRAPHIC SURVEY SHEETS.



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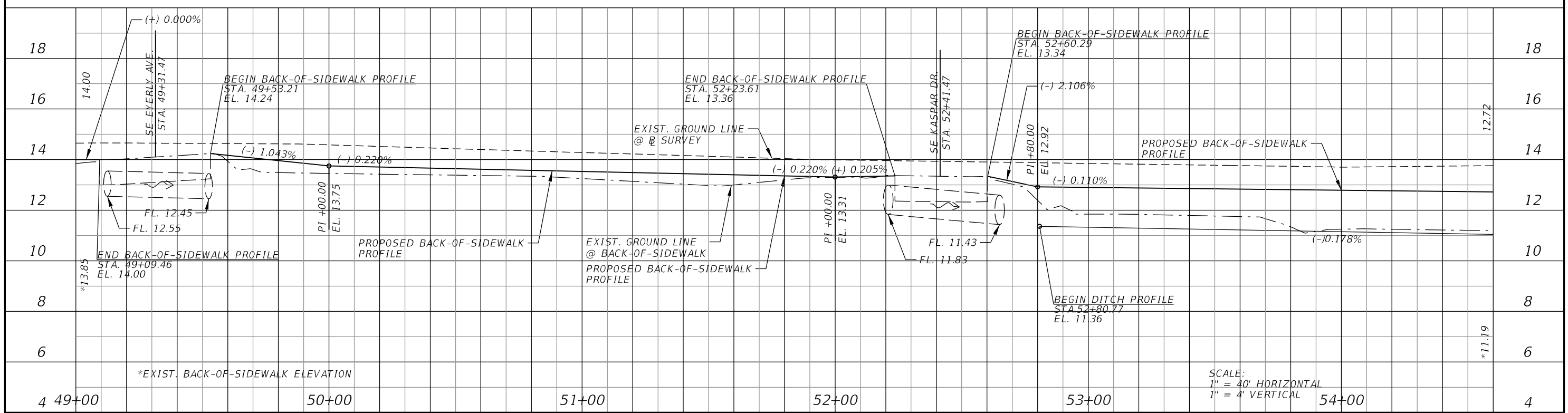
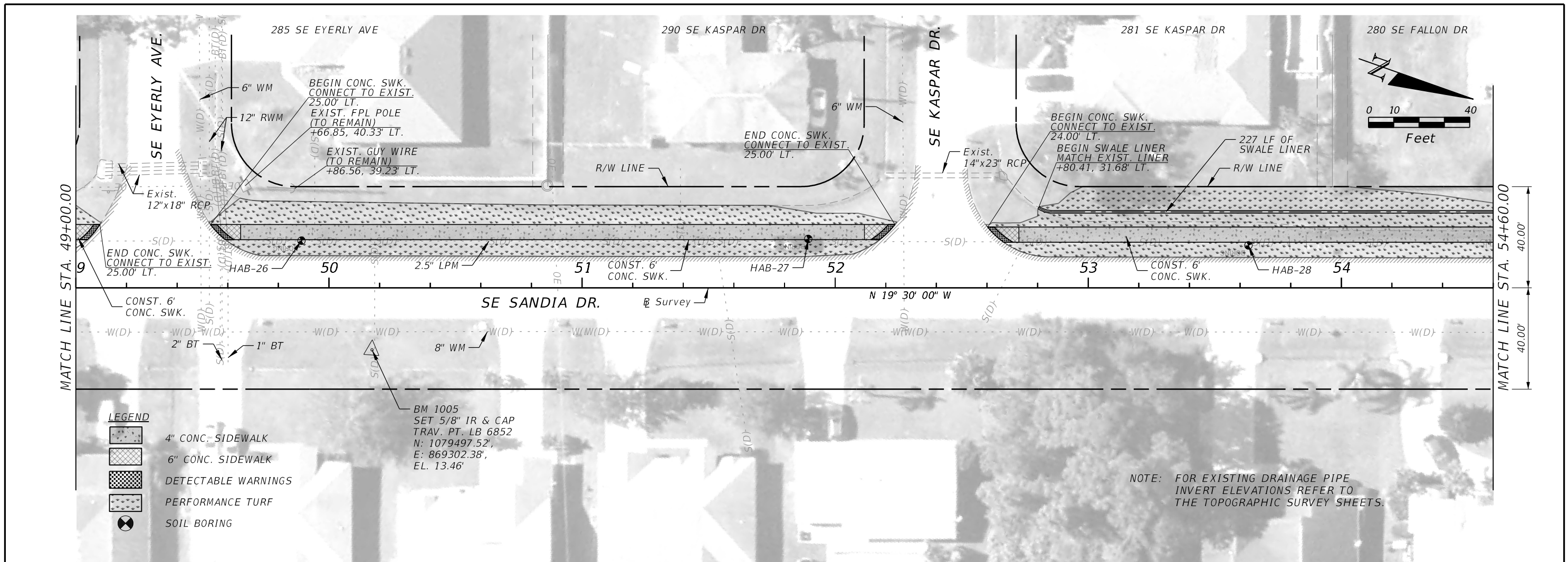
ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

**SIDEWALK
PLAN & PROFILE**

SCALE:
1" = 40' HORIZONTAL
1" = 4' VERTICAL

SHEET NO.
16

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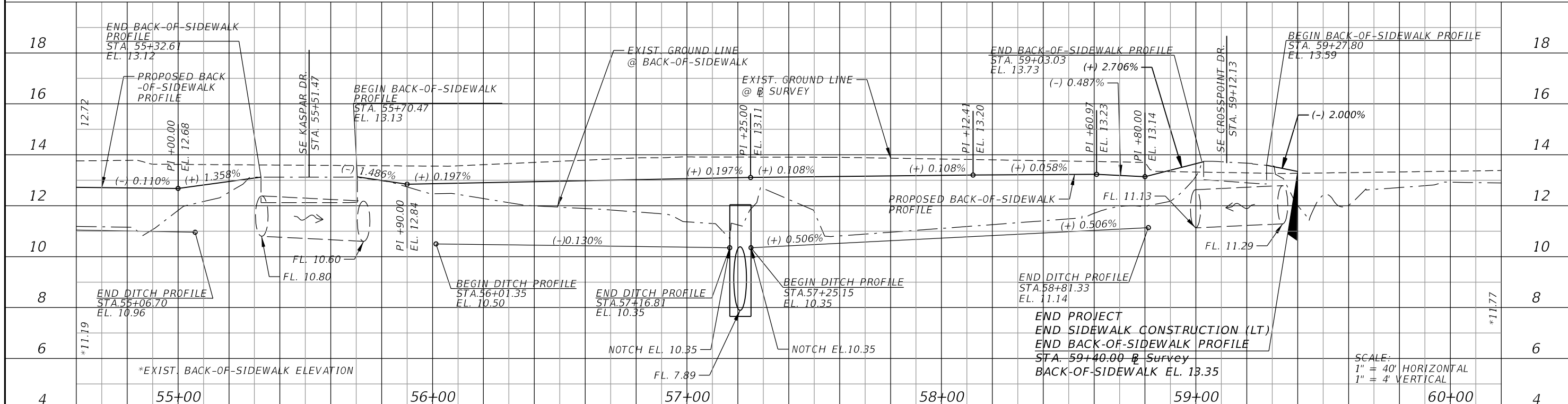
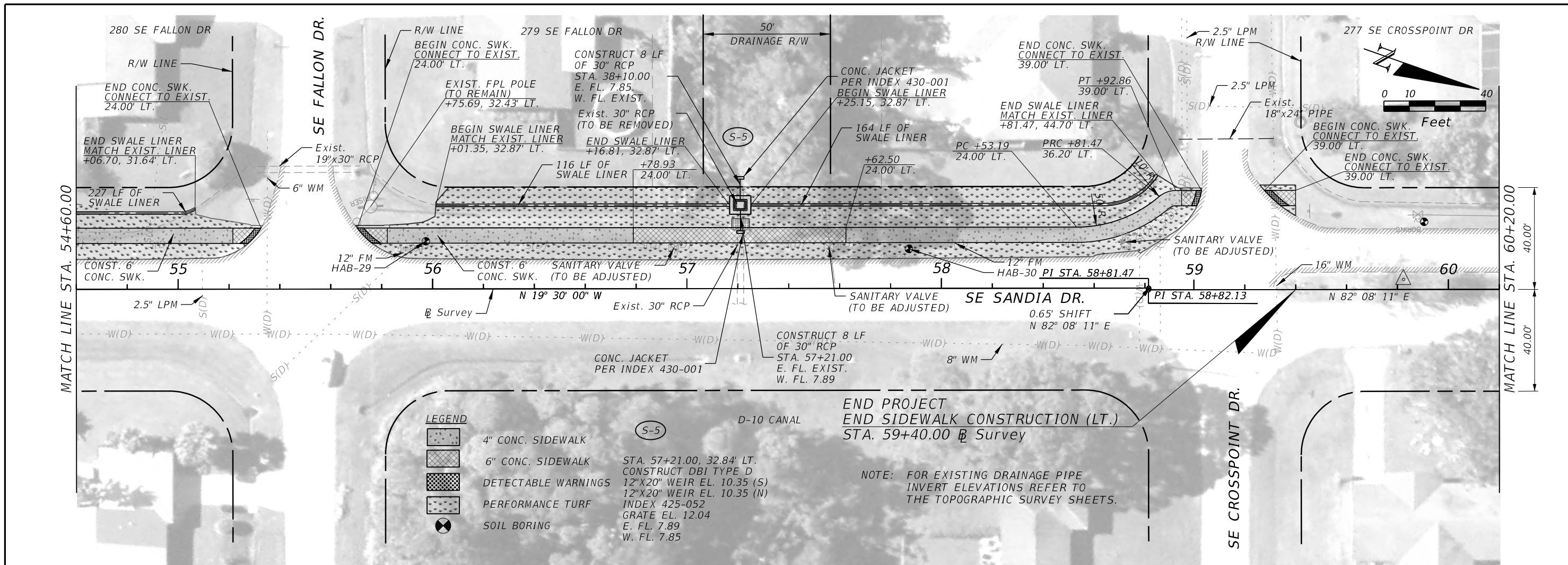
CITY OF PORT ST. LUCIE
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 PORT ST. LUCIE, FL 34984

ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

**SIDEWALK
 PLAN & PROFILE**

SHEET NO. 17

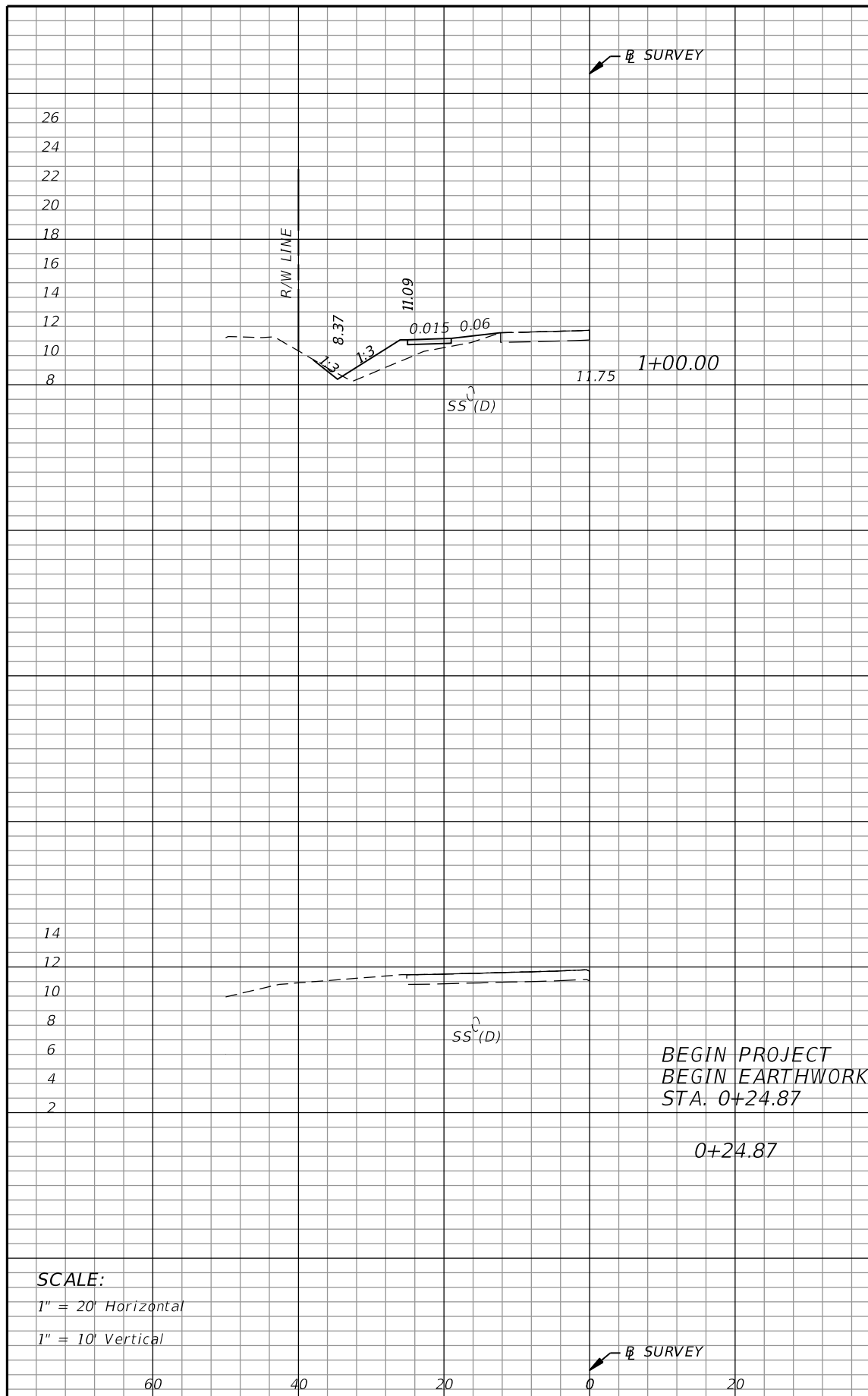
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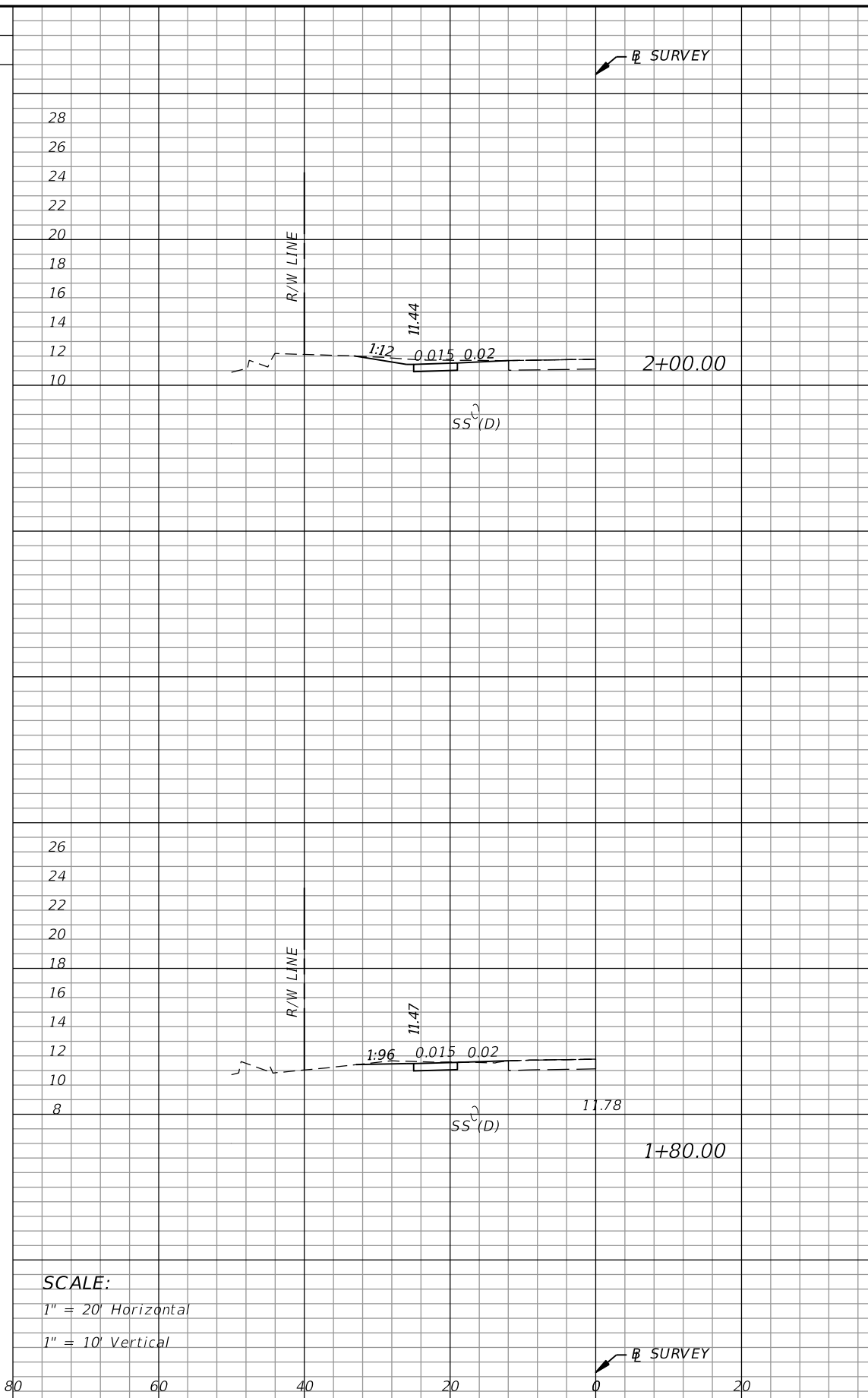
REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

<p>American Consulting Engineers of Florida, LLC 2041 Vista Parkway, Suite 101 West Palm Beach, Florida 33411 Phone: (561) 253-9550 Fax: (561) 253-9551 Certificate of Authorization No. 9302 Jaime R. Celler, P.E. No. 82194</p>	<p>CITY OF PORT ST. LUCIE 121 S.W. PORT ST. LUCIE BLVD. PORT ST. LUCIE, FL 34984</p>	<p>SIDEWALK PLAN & PROFILE</p>	<p>SHEET NO. 18</p>
	<p>ROAD: SE SANDIA DRIVE</p>		

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Regular Exc.		Embankment	
A	V	A	V
0.8	1.1	14.5	20.2
0.0	0.0	0.0	0.0



Regular Exc.		Embankment	
A	V	A	V
6.9	4.2	0.0	0.1
4.5	7.8	0.4	22.0

SCALE:
1" = 20' Horizontal
1" = 10' Vertical

SCALE:
1" = 20' Horizontal
1" = 10' Vertical

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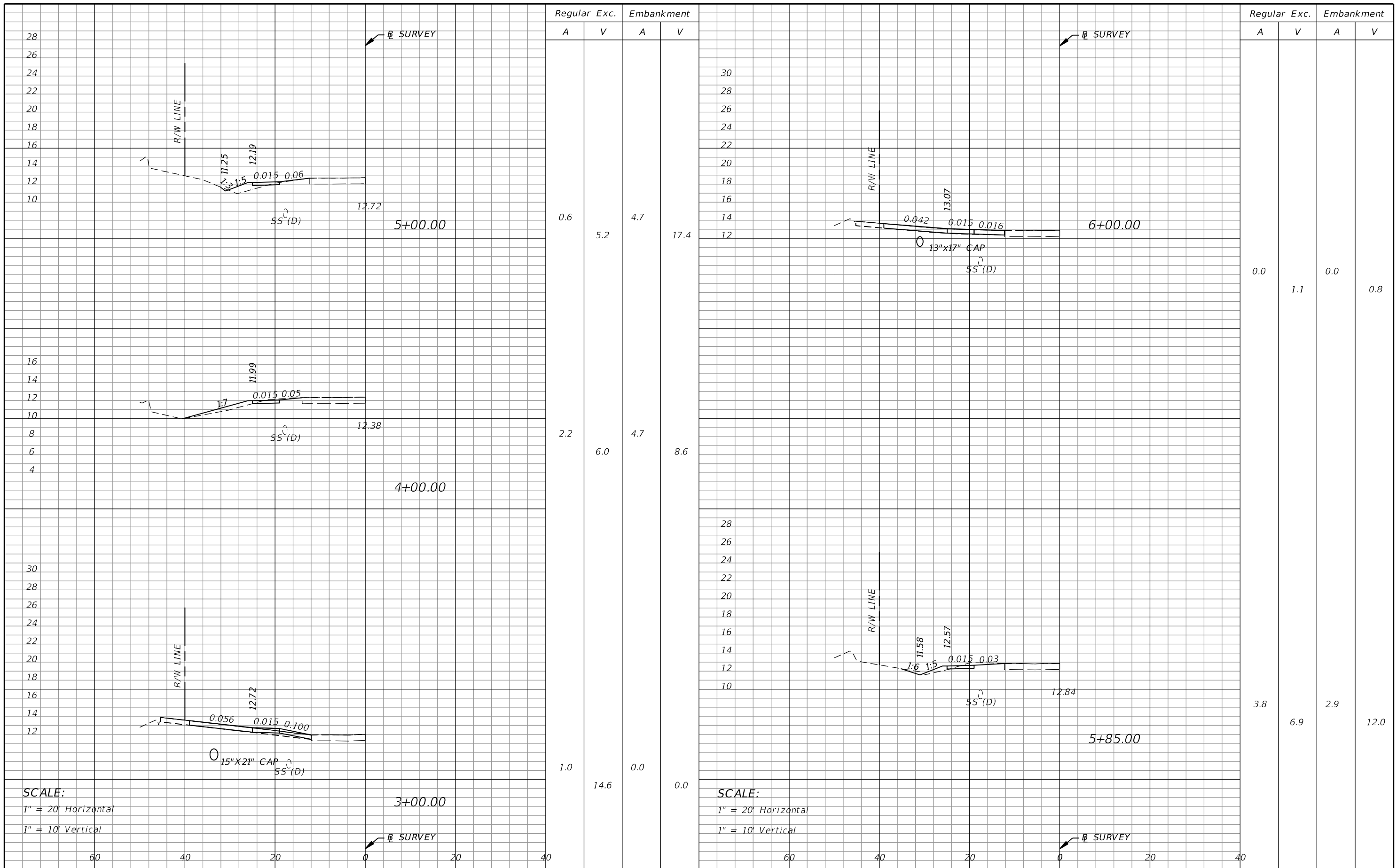
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ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

CROSS SECTIONS

SHEET NO.
19

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Regular Exc. Embankment

A V A V

Regular Exc. Embankment

A V A V

0.6	5.2	4.7	17.4
2.2	6.0	4.7	8.6
1.0	14.6	0.0	0.0

0.0	1.1	0.0	0.8
3.8	6.9	2.9	12.0

SCALE:
1" = 20' Horizontal
1" = 10' Vertical

SCALE:
1" = 20' Horizontal
1" = 10' Vertical

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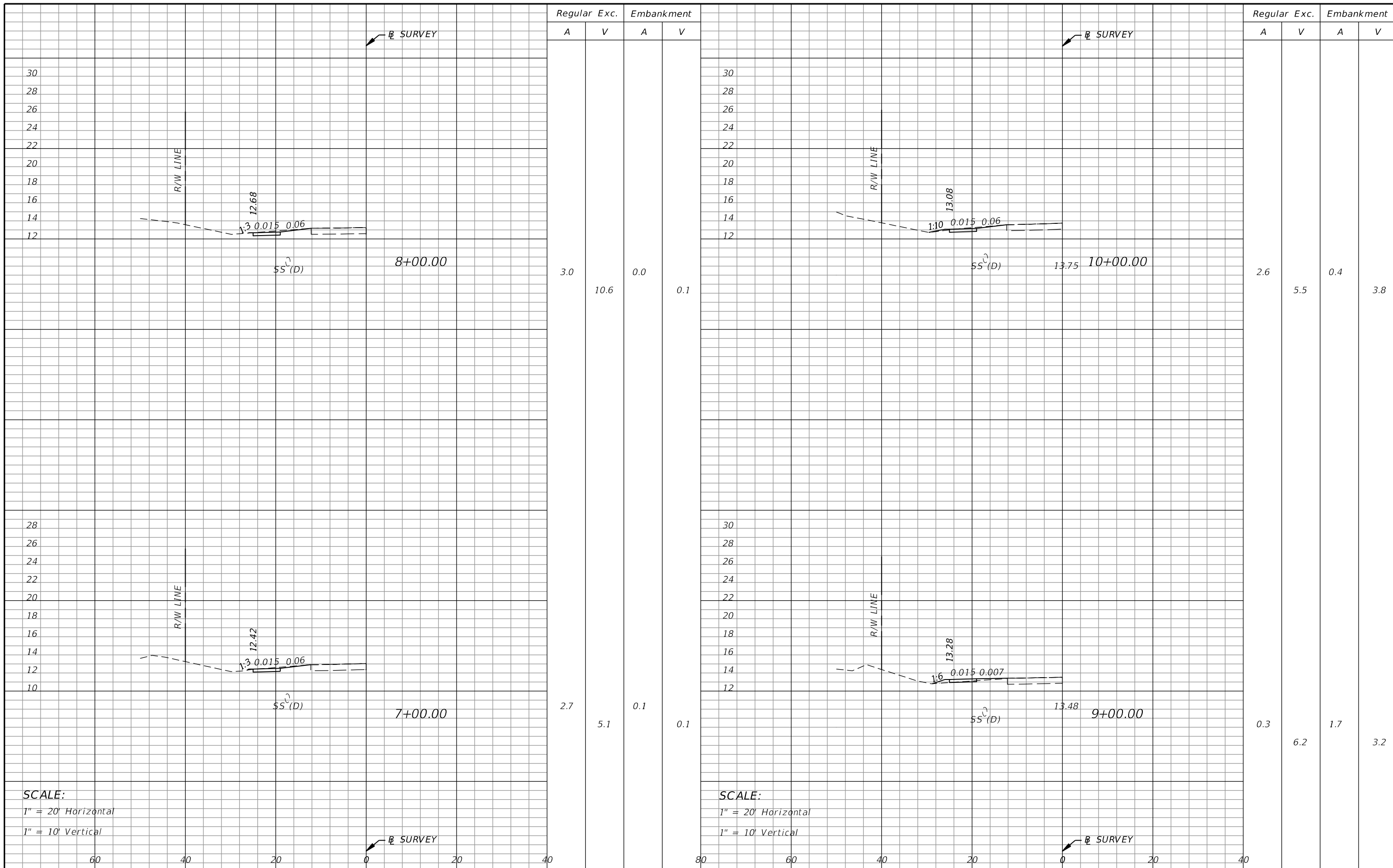
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PORT ST. LUCIE, FL 34984

ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

CROSS SECTIONS

SHEET NO.
20

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SCALE:
1" = 20' Horizontal
1" = 10' Vertical

SCALE:
1" = 20' Horizontal
1" = 10' Vertical

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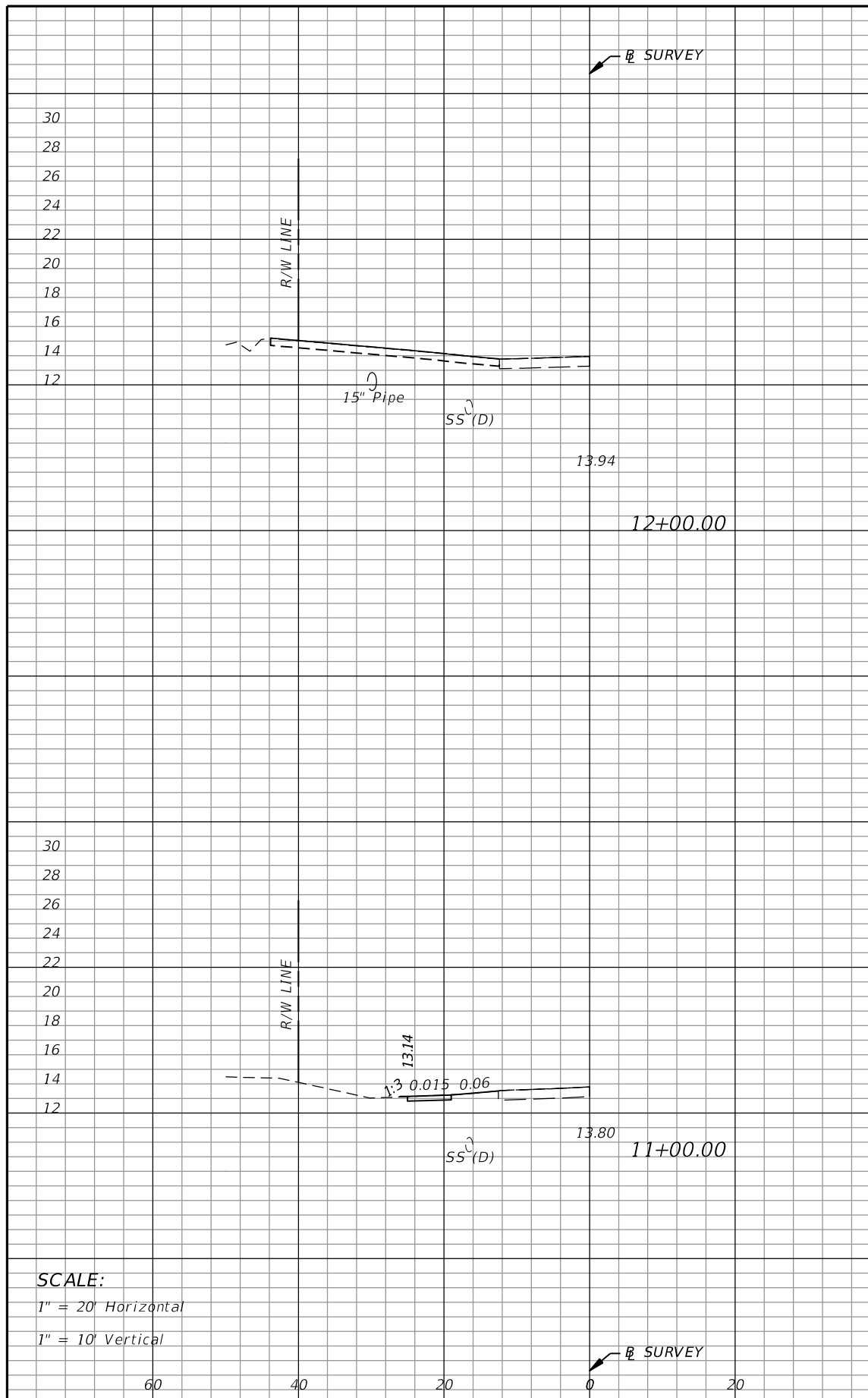
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ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

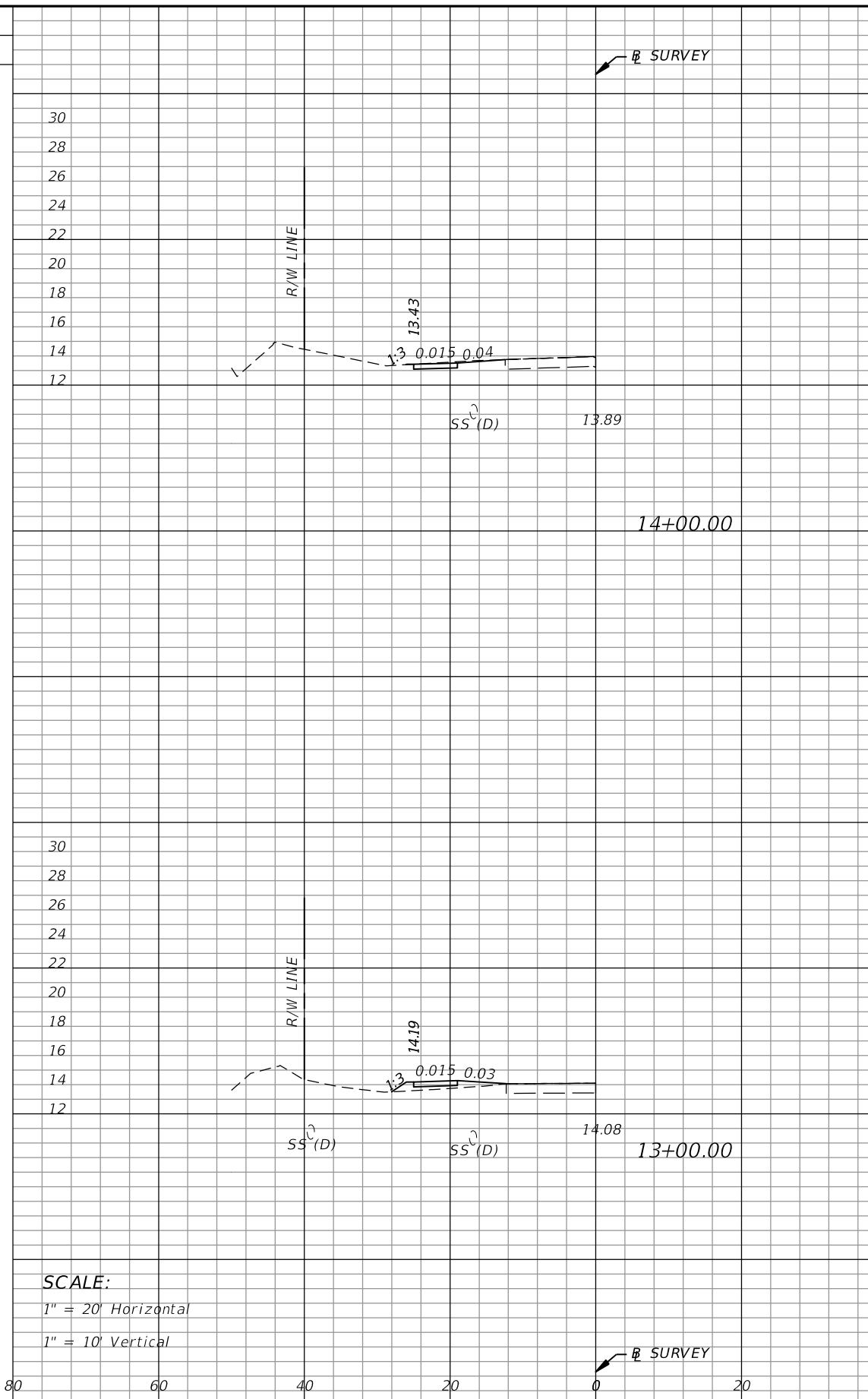
CROSS SECTIONS

SHEET NO.
21

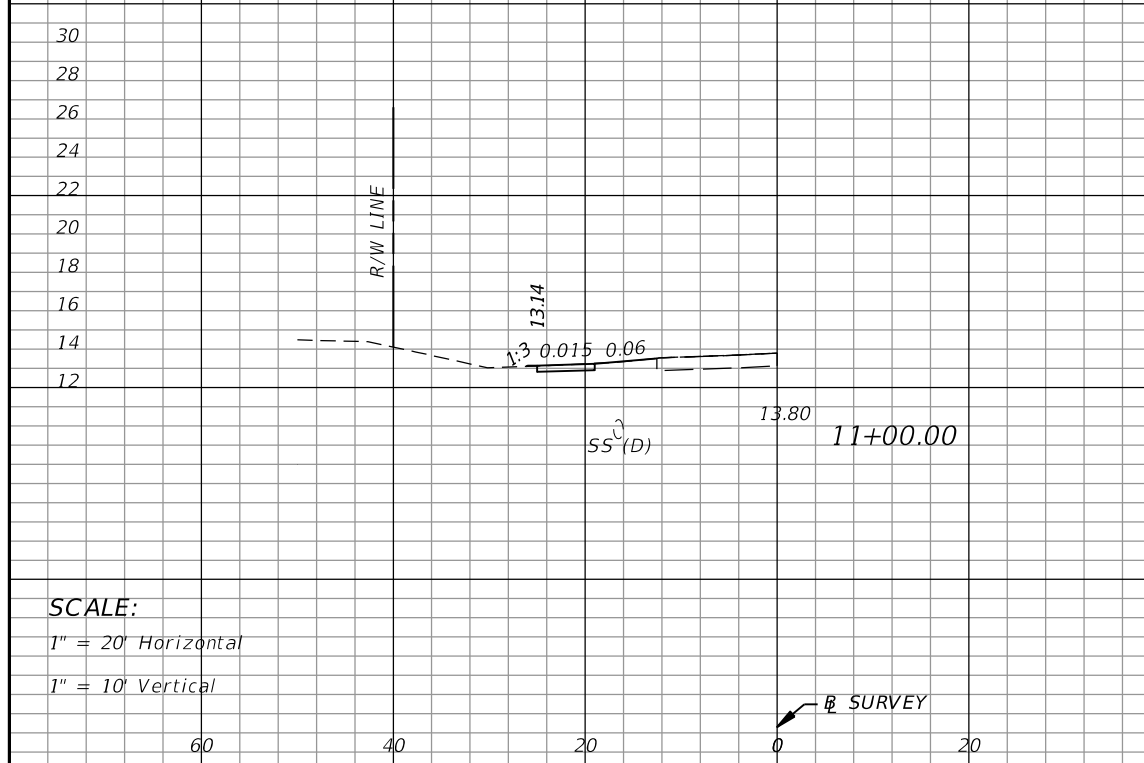
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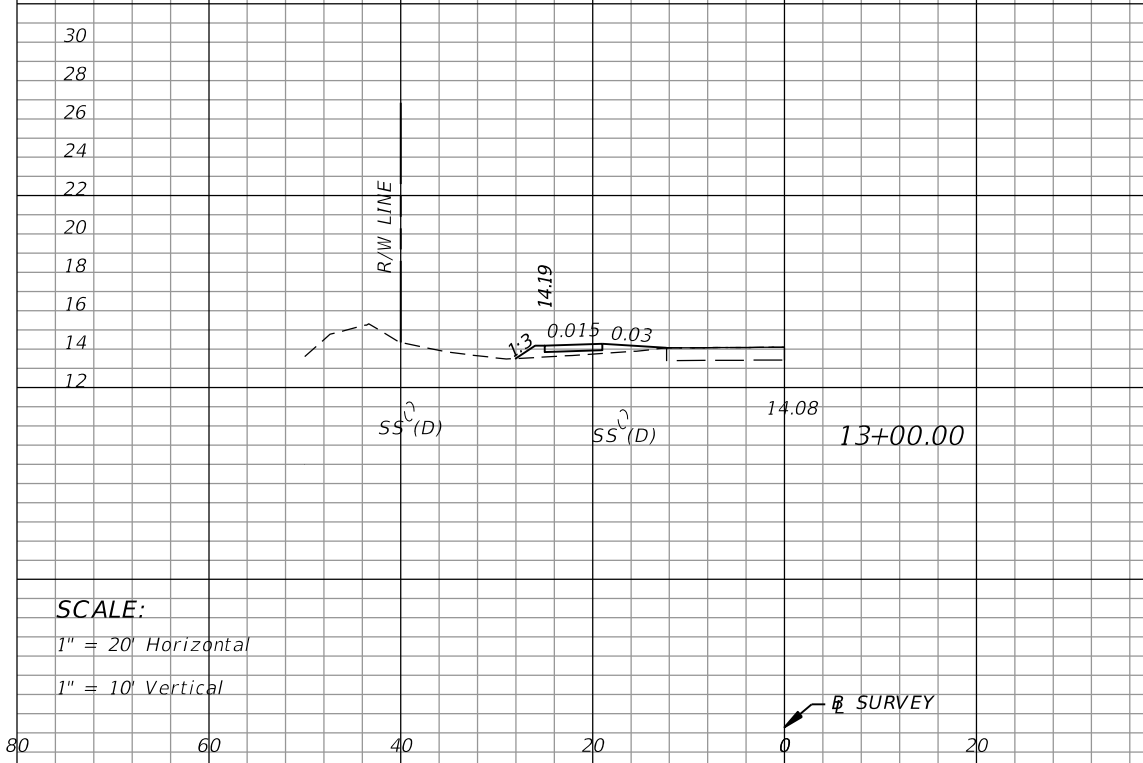
Regular Exc.		Embankment	
A	V	A	V
0.0	3.7	0.0	0.1



Regular Exc.		Embankment	
A	V	A	V
0.0	5.0	0.0	8.1



Regular Exc.		Embankment	
A	V	A	V
2.0	8.5	0.1	0.8



Regular Exc.		Embankment	
A	V	A	V
0.0	0.0	4.4	8.1

SCALE:
1" = 20' Horizontal
1" = 10' Vertical

SCALE:
1" = 20' Horizontal
1" = 10' Vertical

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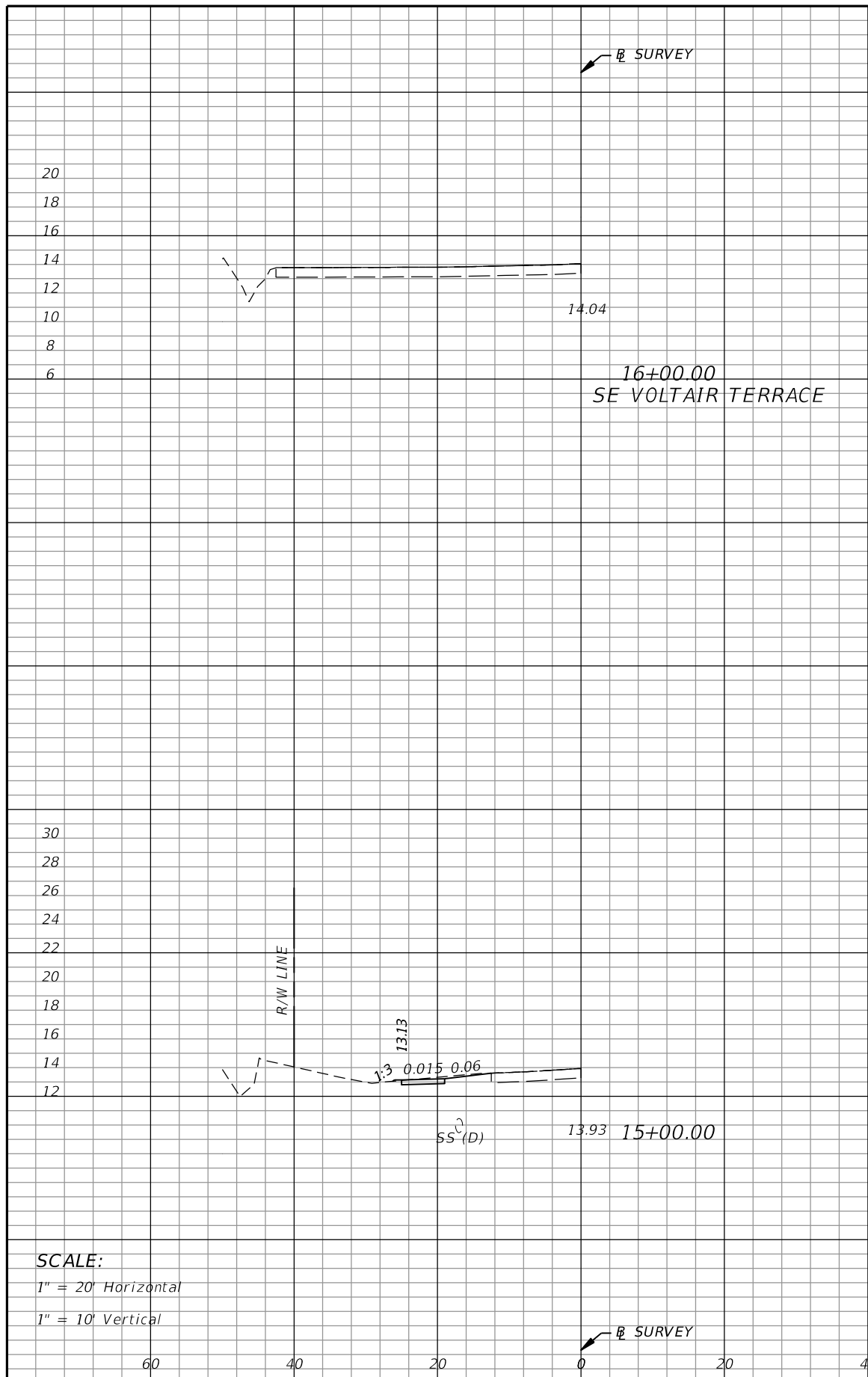
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ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

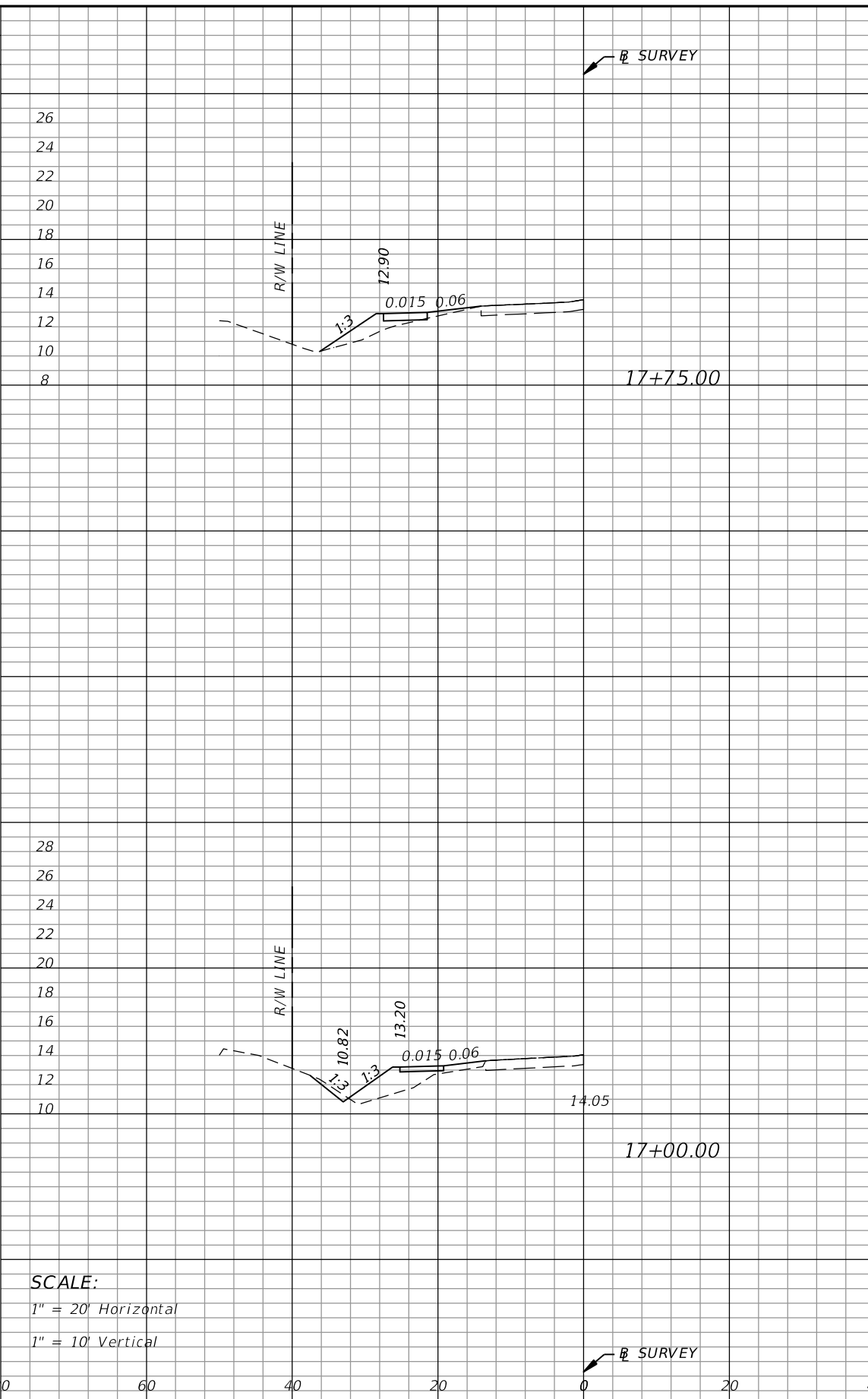
CROSS SECTIONS

SHEET NO.
22

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Regular Exc.		Embankment	
A	V	A	V
0.0	5.5	0.0	0.1
2.9	10.5	0.1	0.1



Regular Exc.		Embankment	
A	V	A	V
0.0	1.9	8.4	33.4
1.5	2.9	15.7	29.1

SCALE:
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1" = 10' Vertical

SCALE:
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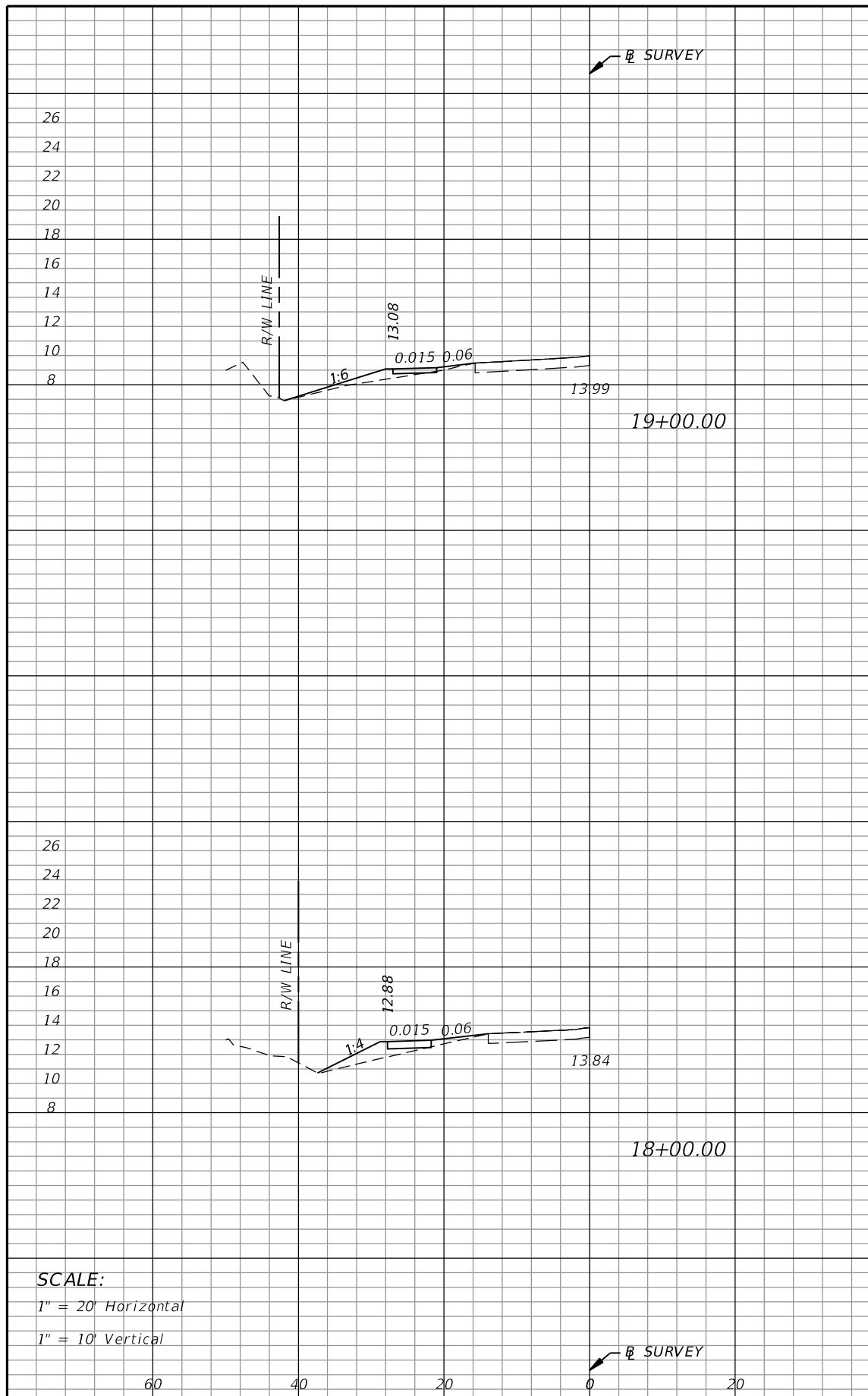
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121 S.W. PORT ST. LUCIE BLVD.
PORT ST. LUCIE, FL 34984

ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

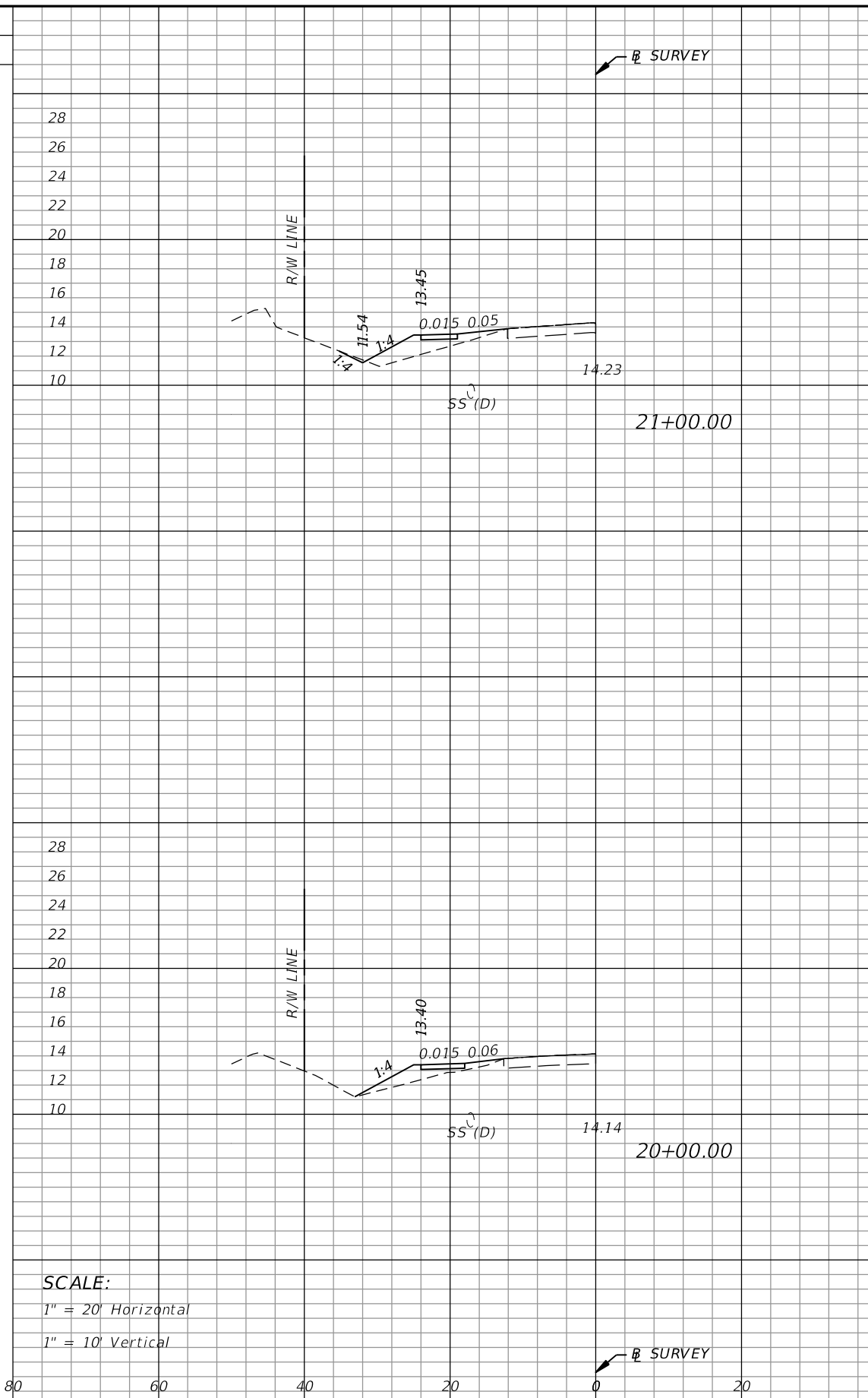
CROSS SECTIONS

SHEET NO.
23

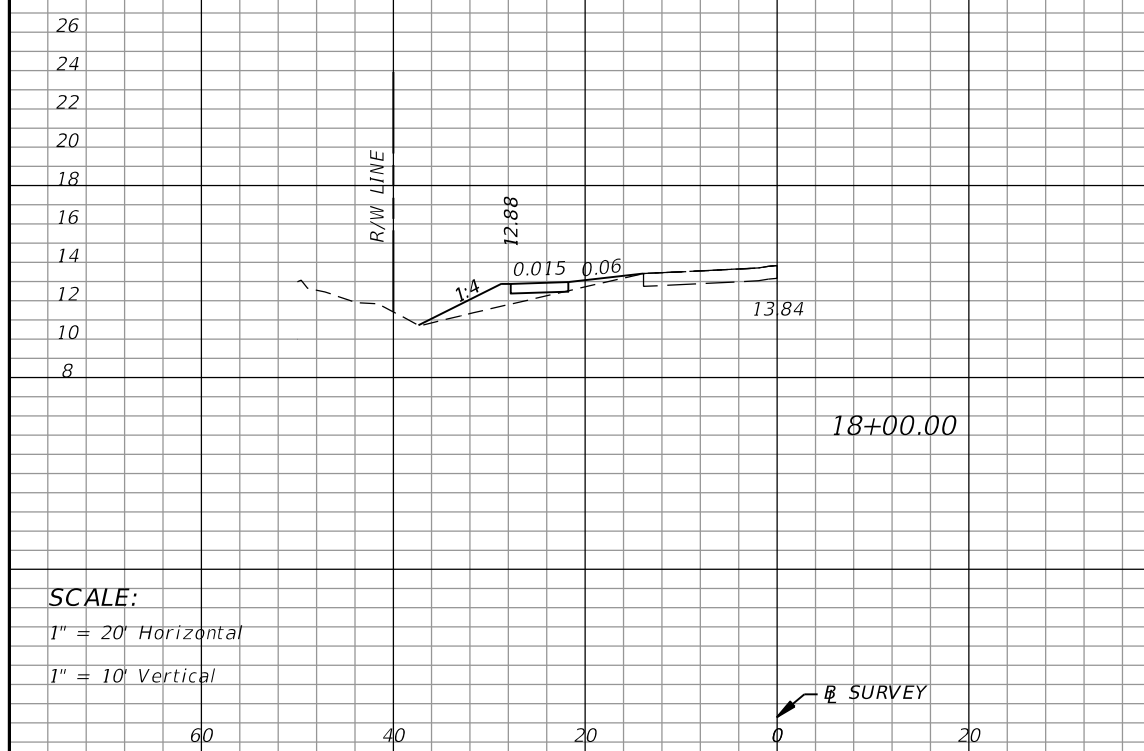
THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



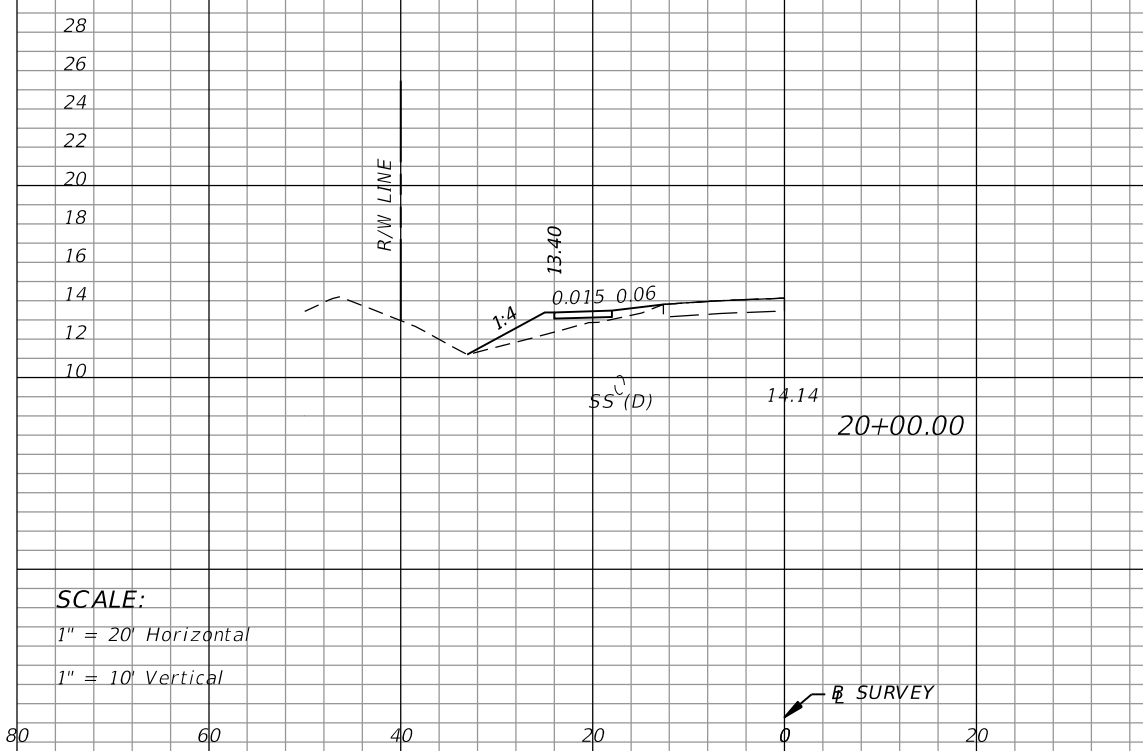
Regular Exc.		Embankment	
A	V	A	V
0.1	0.2	5.9	25.5



Regular Exc.		Embankment	
A	V	A	V
0.4	0.7	13.6	43.0



Regular Exc.		Embankment	
A	V	A	V
0.0	0.0	7.8	7.5



Regular Exc.		Embankment	
A	V	A	V
0.0	0.1	9.6	28.8

SCALE:
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1" = 10' Vertical

SCALE:
1" = 20' Horizontal
1" = 10' Vertical

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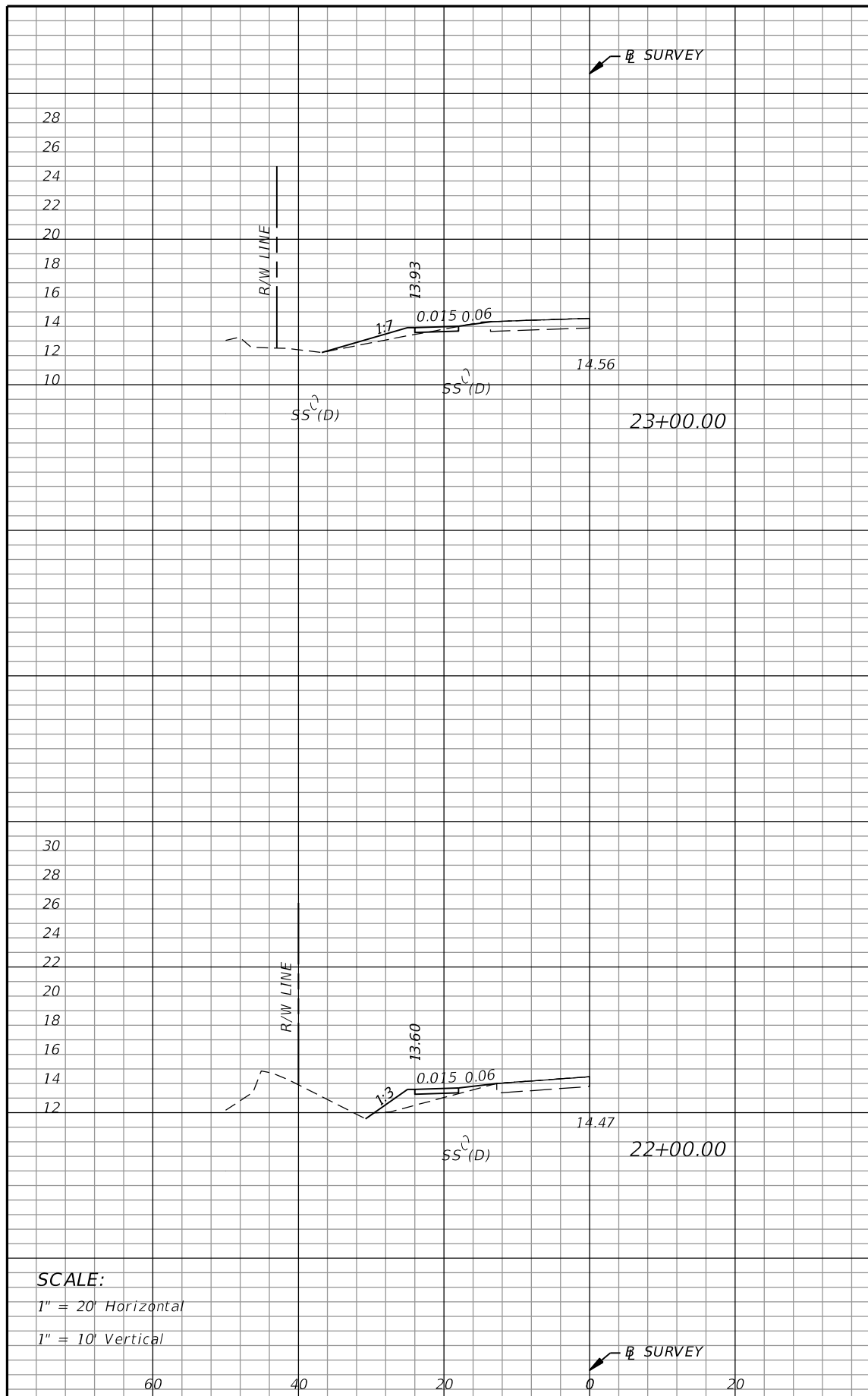
CITY OF PORT ST. LUCIE
121 S.W. PORT ST. LUCIE BLVD.
PORT ST. LUCIE, FL 34984

ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

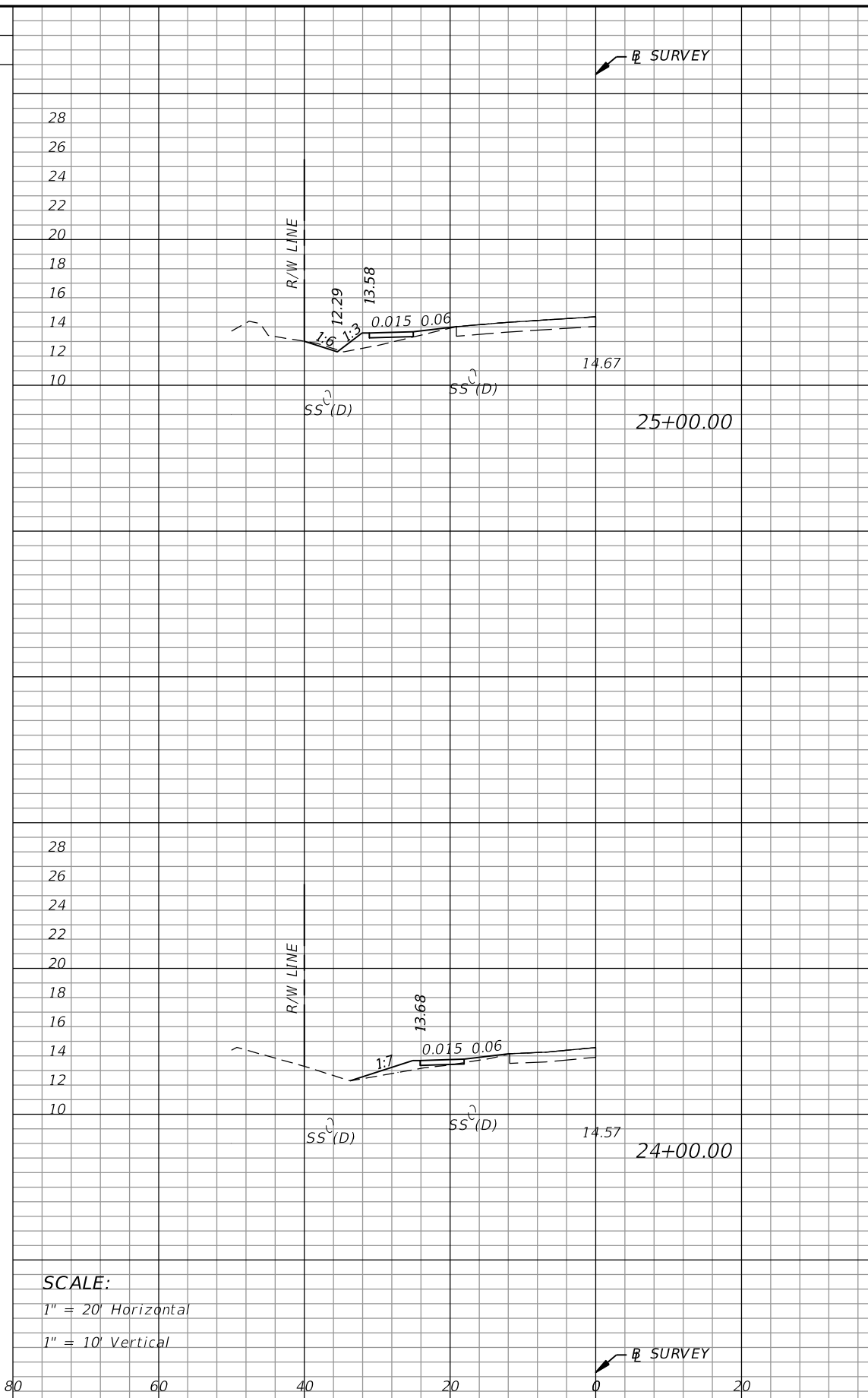
CROSS SECTIONS

SHEET NO.
24

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Regular Exc.		Embankment	
A	V	A	V
0.8	1.5	3.9	21.6



Regular Exc.		Embankment	
A	V	A	V
0.5	1.1	6.0	20.0
0.1	1.6	4.8	16.2

SCALE:
1" = 20' Horizontal
1" = 10' Vertical

SCALE:
1" = 20' Horizontal
1" = 10' Vertical

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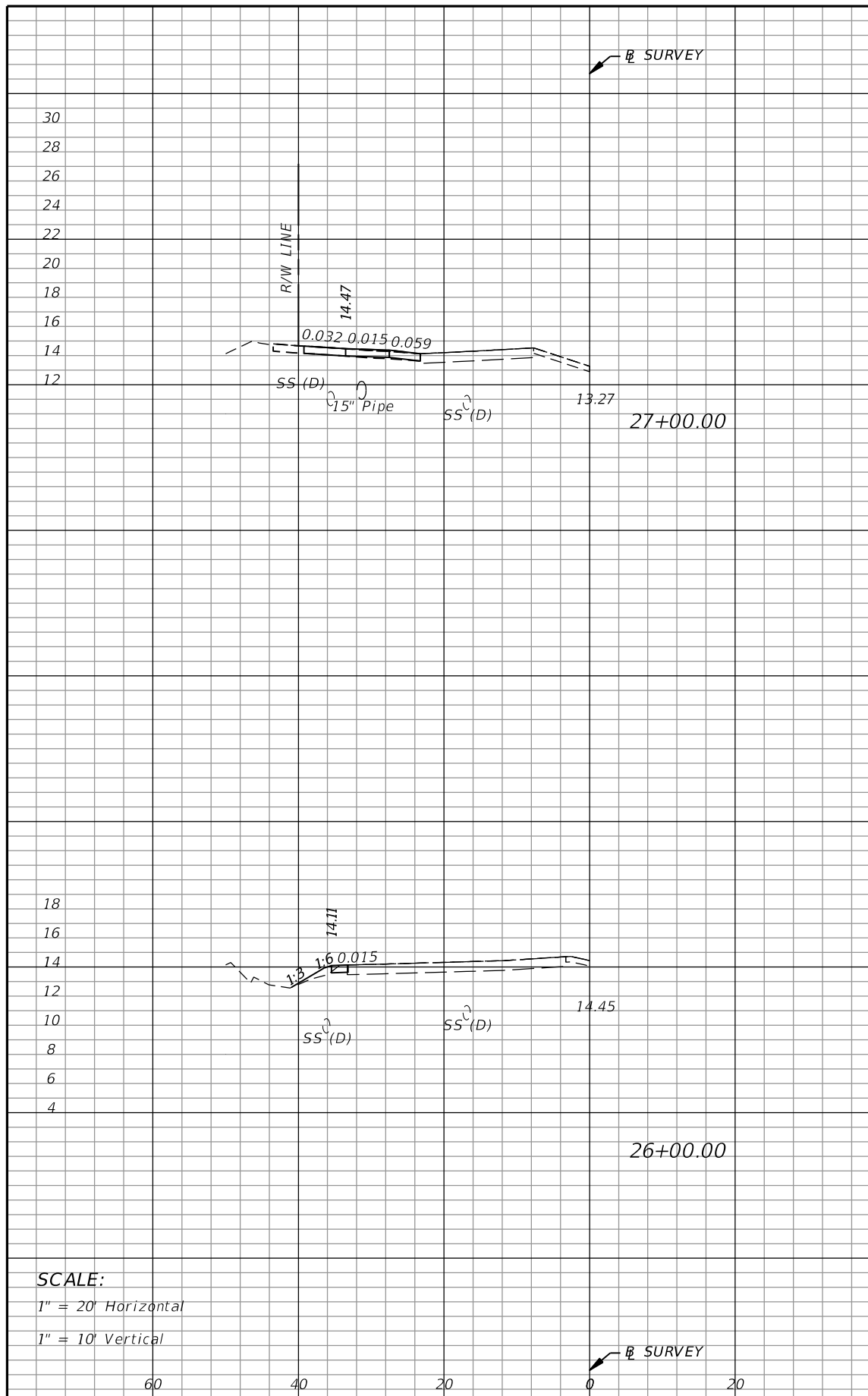
CITY OF PORT ST. LUCIE
121 S.W. PORT ST. LUCIE BLVD.
PORT ST. LUCIE, FL 34984

ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

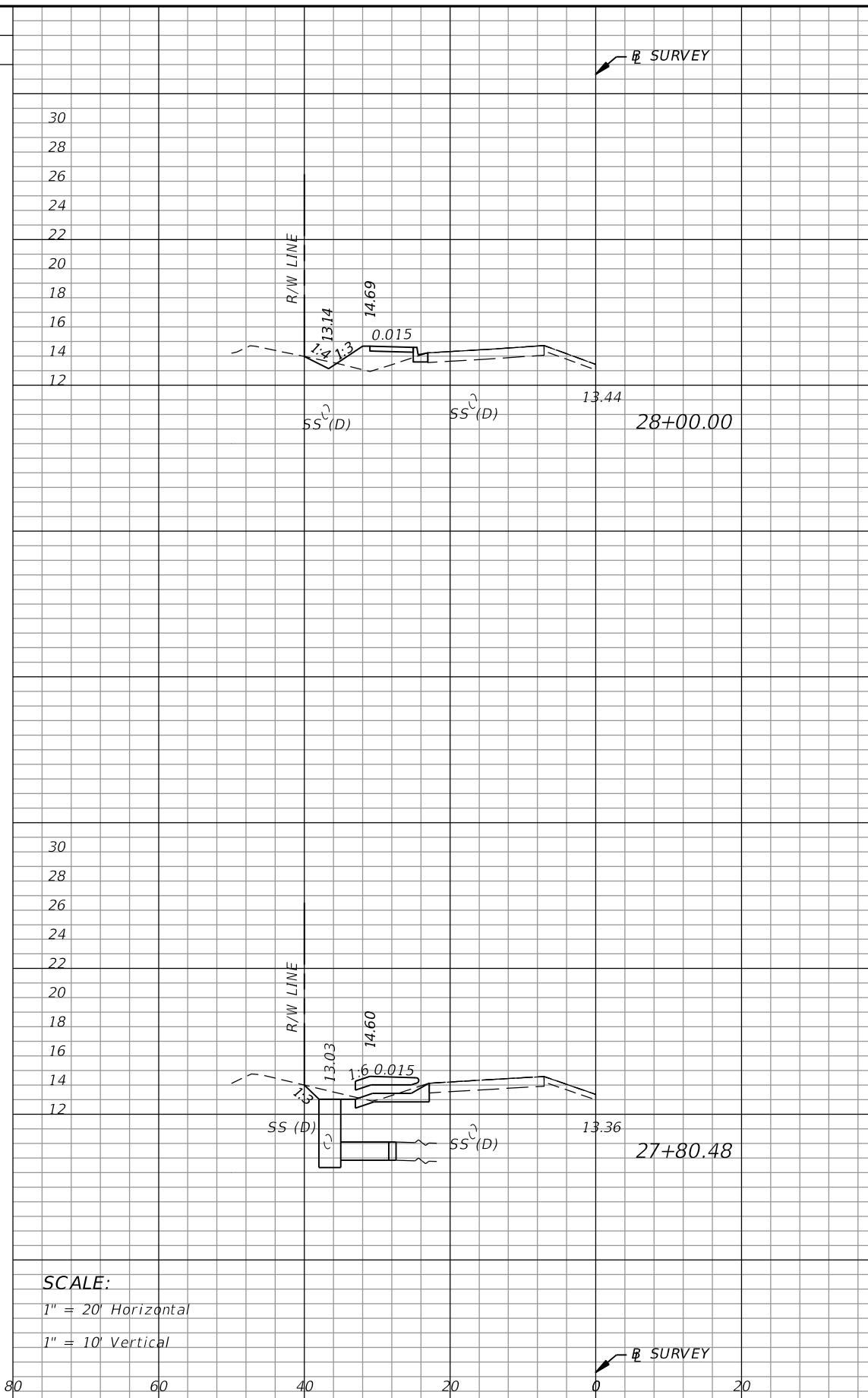
CROSS SECTIONS

SHEET NO.
25

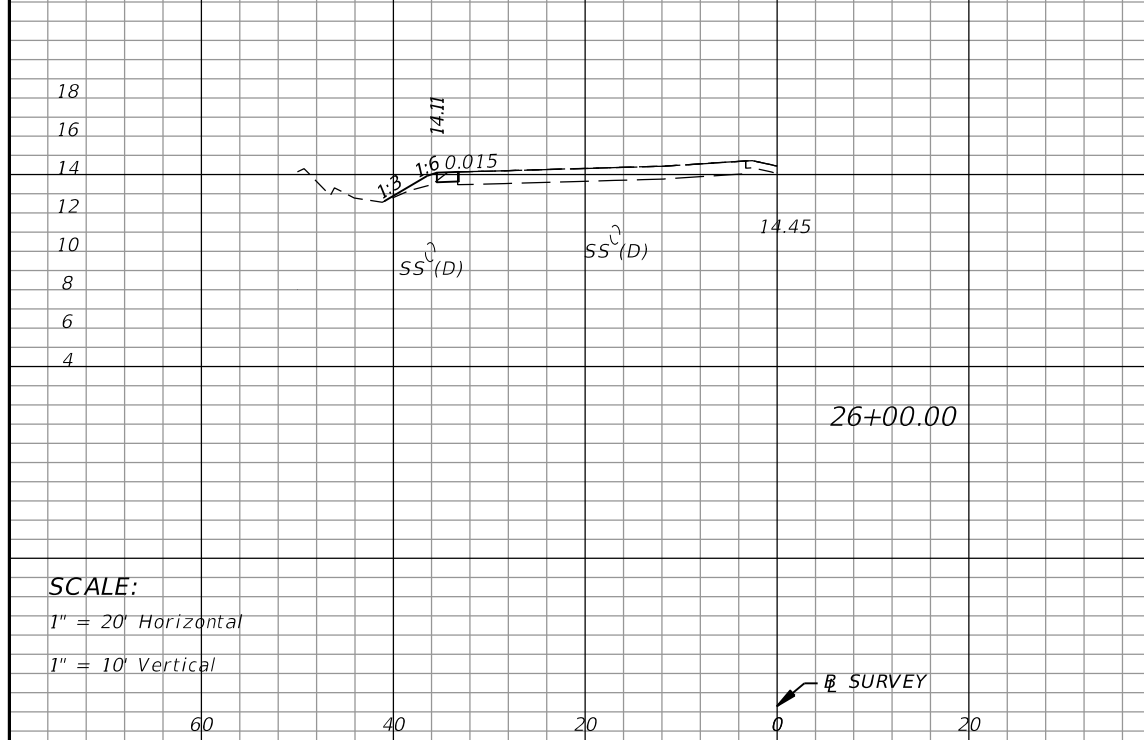
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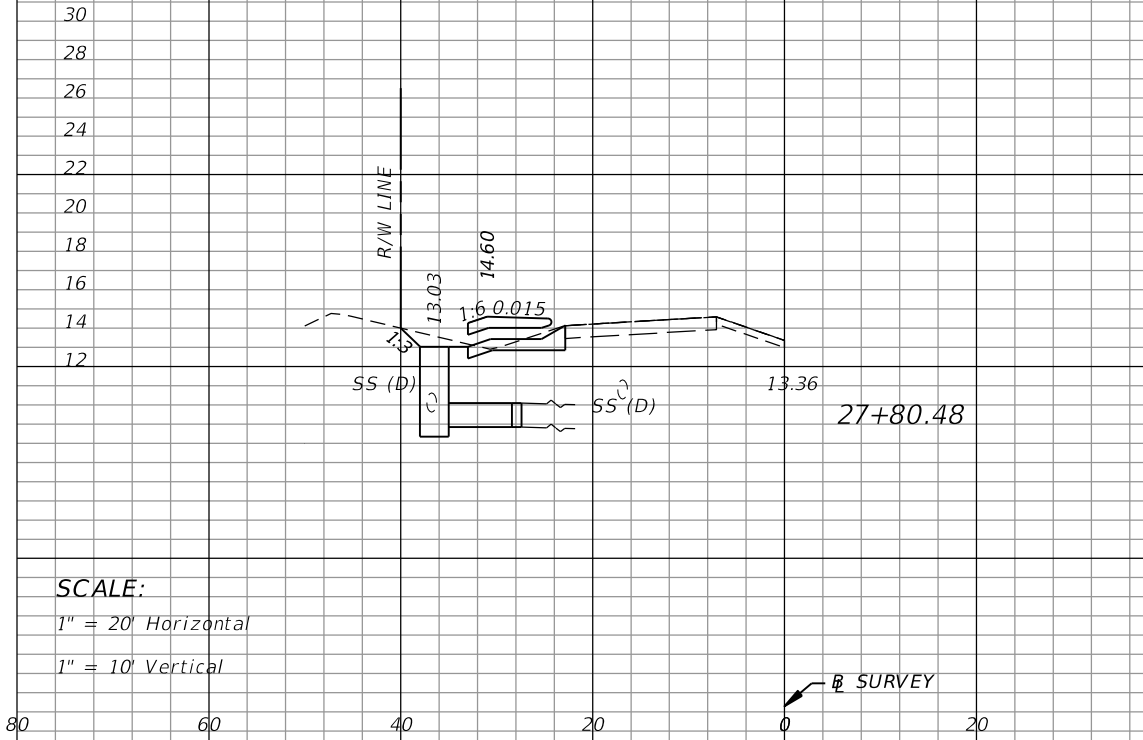
Regular Exc.		Embankment	
A	V	A	V
0.0	1.7	0.0	2.8



Regular Exc.		Embankment	
A	V	A	V
2.0	1.9	9.9	3.6



Regular Exc.		Embankment	
A	V	A	V
0.9	2.6	1.5	13.8



Regular Exc.		Embankment	
A	V	A	V
3.2	18.4	0.0	0.0

SCALE:
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1" = 10' Vertical

SCALE:
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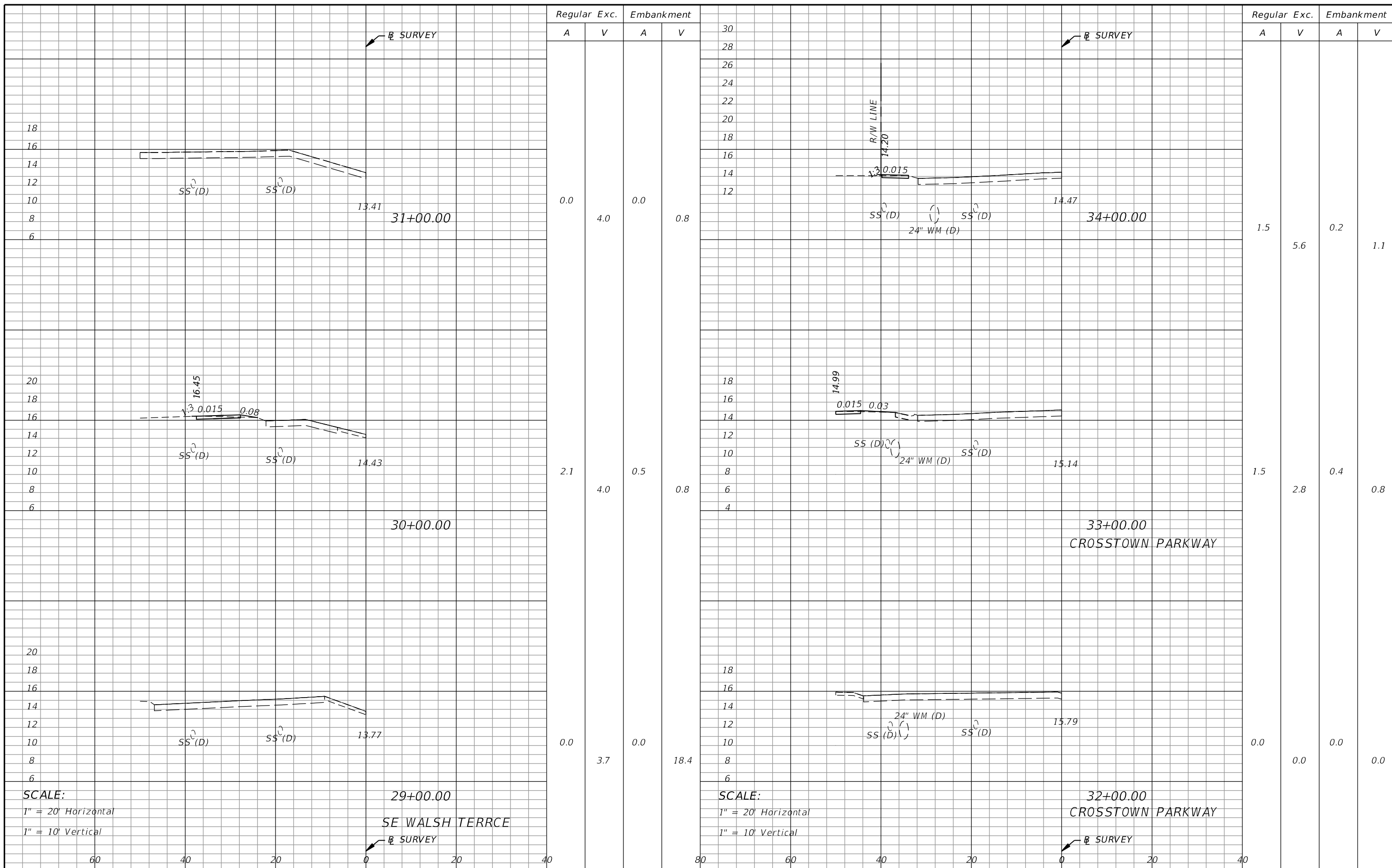
CITY OF PORT ST. LUCIE
121 S.W. PORT ST. LUCIE BLVD.
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ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

CROSS SECTIONS

SHEET NO.
26

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SCALE:
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1" = 10' Vertical

SCALE:
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1" = 10' Vertical

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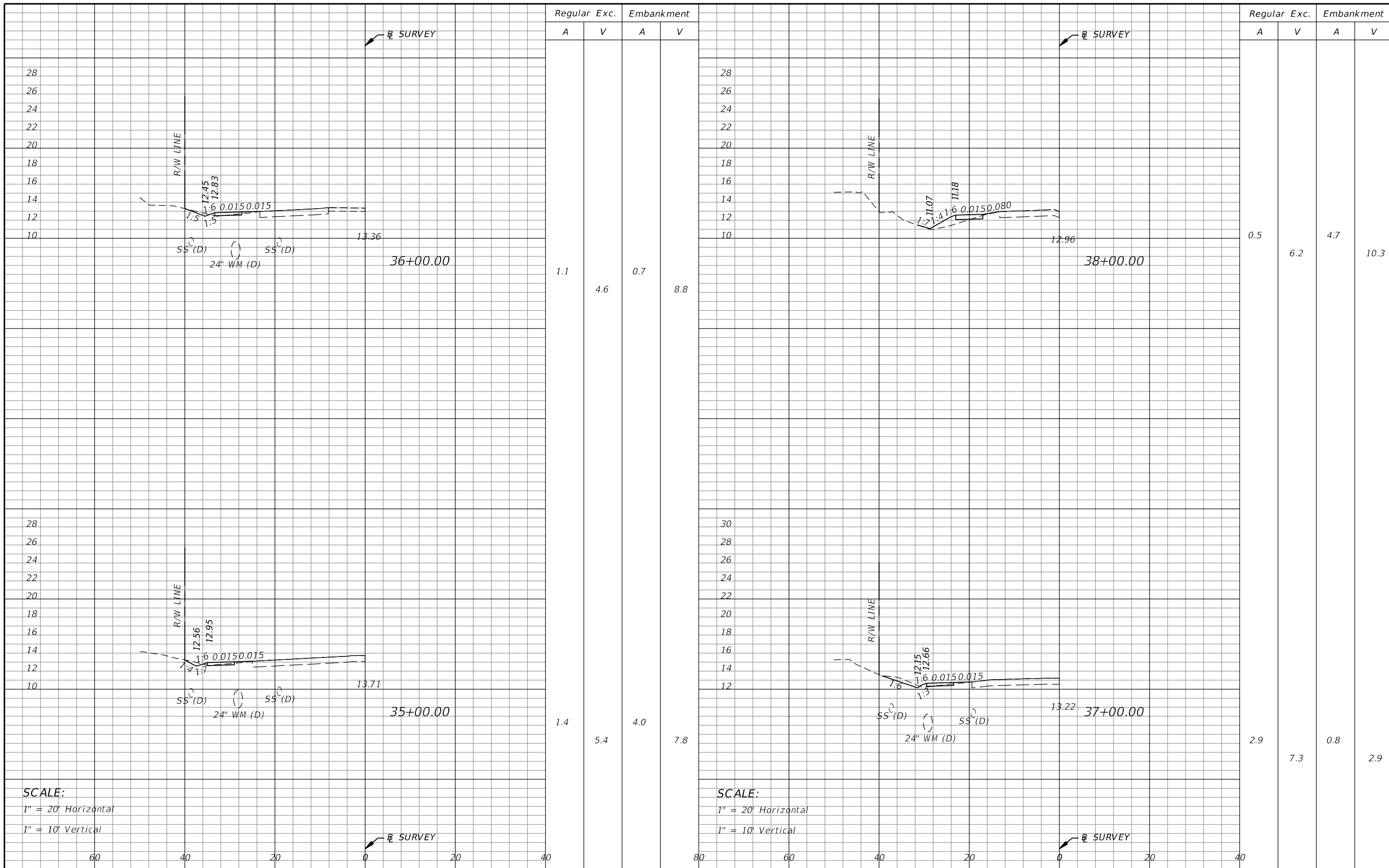
CITY OF PORT ST. LUCIE
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ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

CROSS SECTIONS

SHEET NO.
27

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Regular Exc. Embankment

A V A V

Regular Exc. Embankment

A V A V

1.1 4.6 0.7 8.8

0.5 6.2 4.7 10.3

1.4 5.4 4.0 7.8

2.9 7.3 0.8 2.9

SCALE:
1" = 20' Horizontal
1" = 10' Vertical

SCALE:
1" = 20' Horizontal
1" = 10' Vertical

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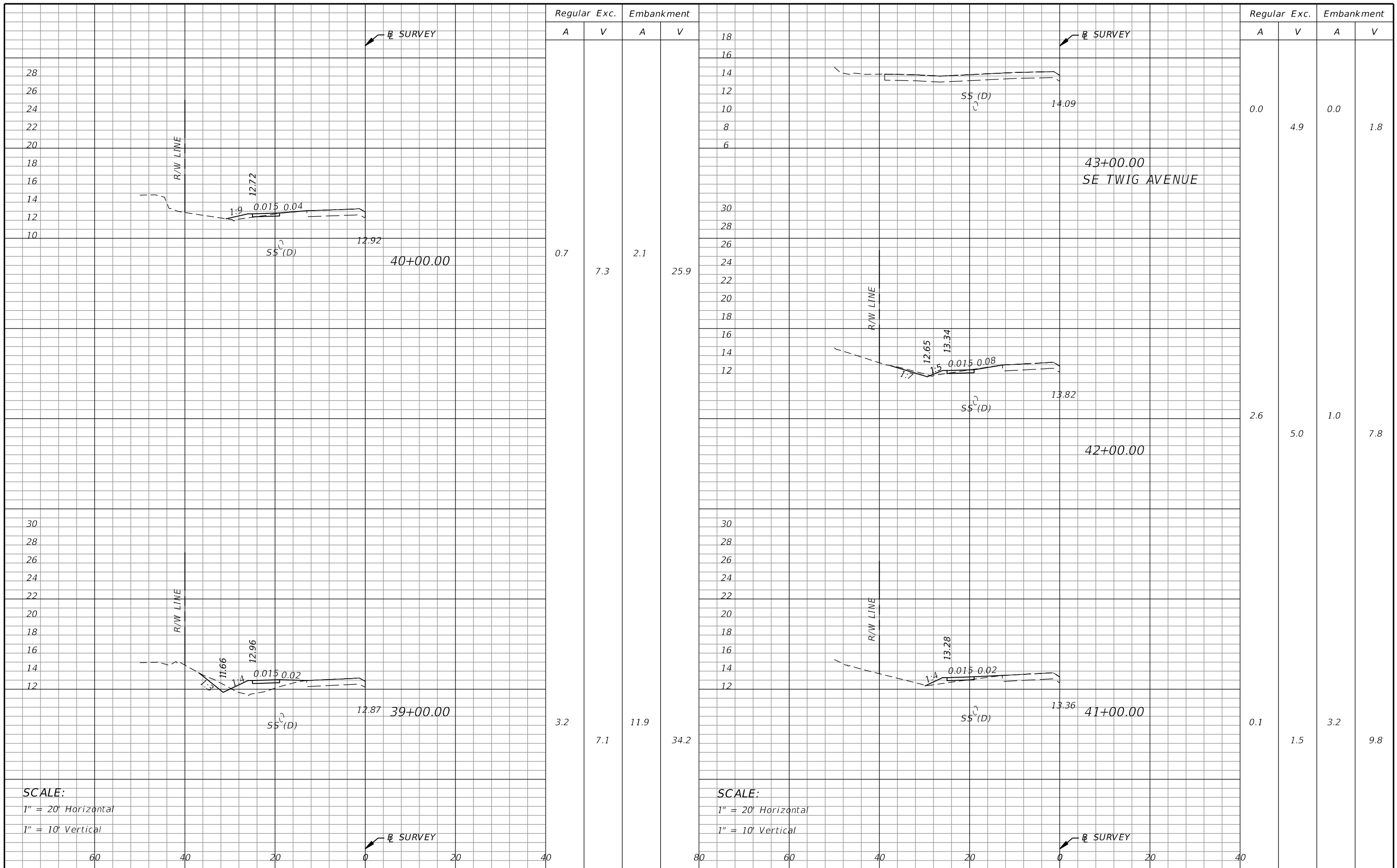
CITY OF PORT ST. LUCIE
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ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

CROSS SECTIONS

SHEET NO.
28

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SCALE:
 1" = 20' Horizontal
 1" = 10' Vertical

SCALE:
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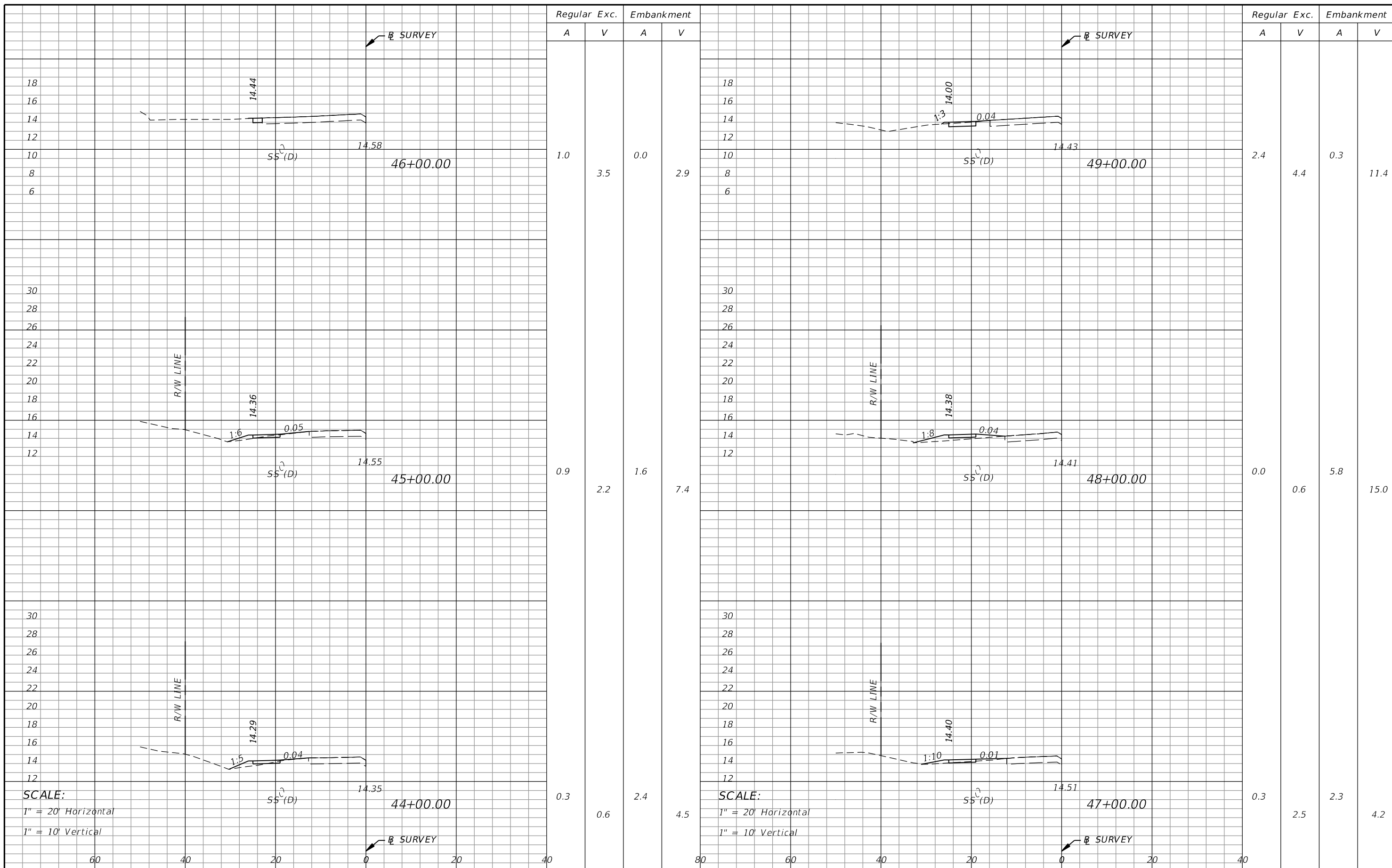
CITY OF PORT ST. LUCIE
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ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

CROSS SECTIONS

SHEET NO.
29

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Regular Exc.		Embankment	
A	V	A	V
1.0	3.5	0.0	2.9
0.9	2.2	1.6	7.4
0.3	0.6	2.4	4.5

Regular Exc.		Embankment	
A	V	A	V
2.4	4.4	0.3	11.4
0.0	0.6	5.8	15.0
0.3	2.5	2.3	4.2

SCALE:
1" = 20' Horizontal
1" = 10' Vertical

SCALE:
1" = 20' Horizontal
1" = 10' Vertical

REVISIONS					
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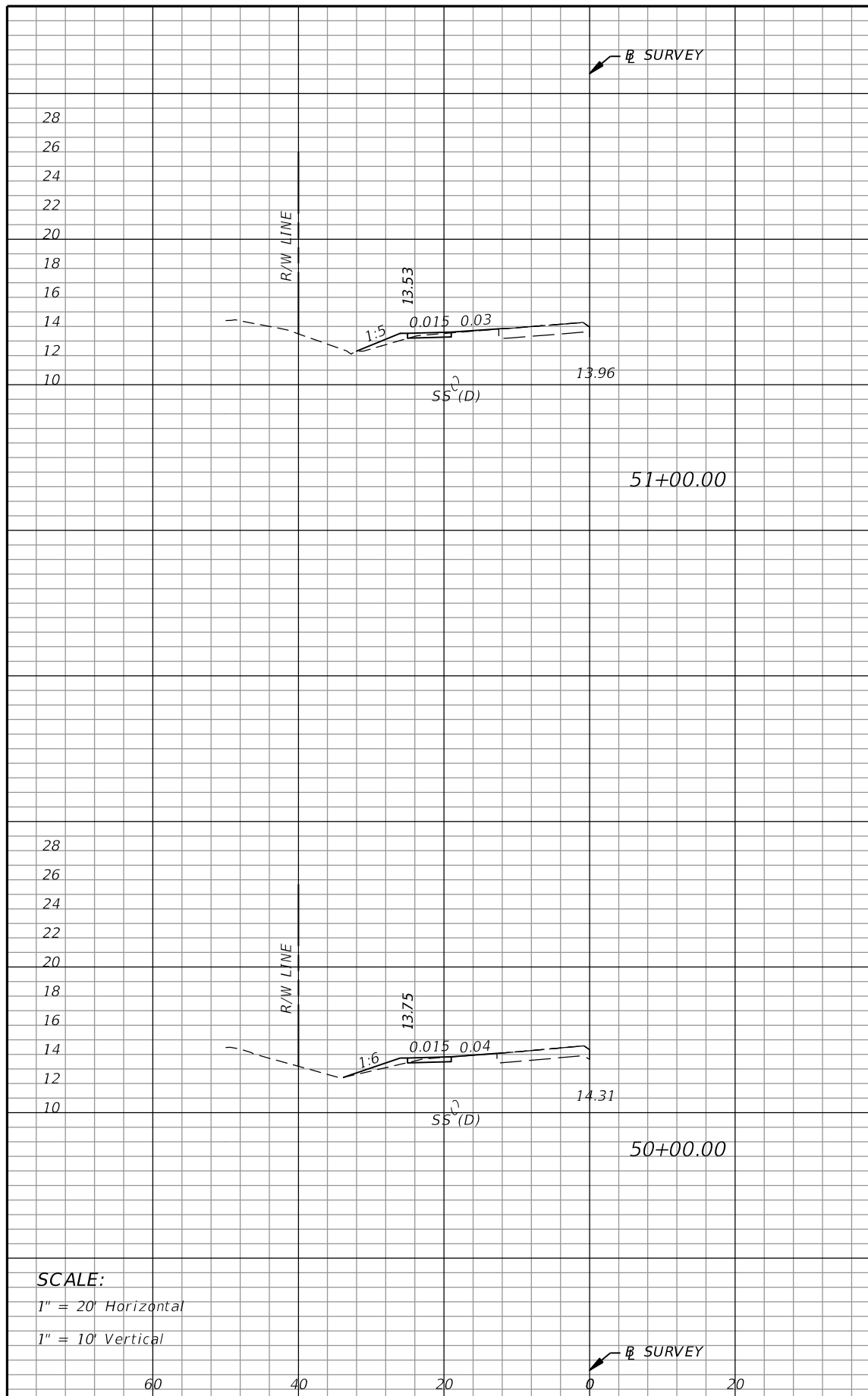
CITY OF PORT ST. LUCIE
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ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

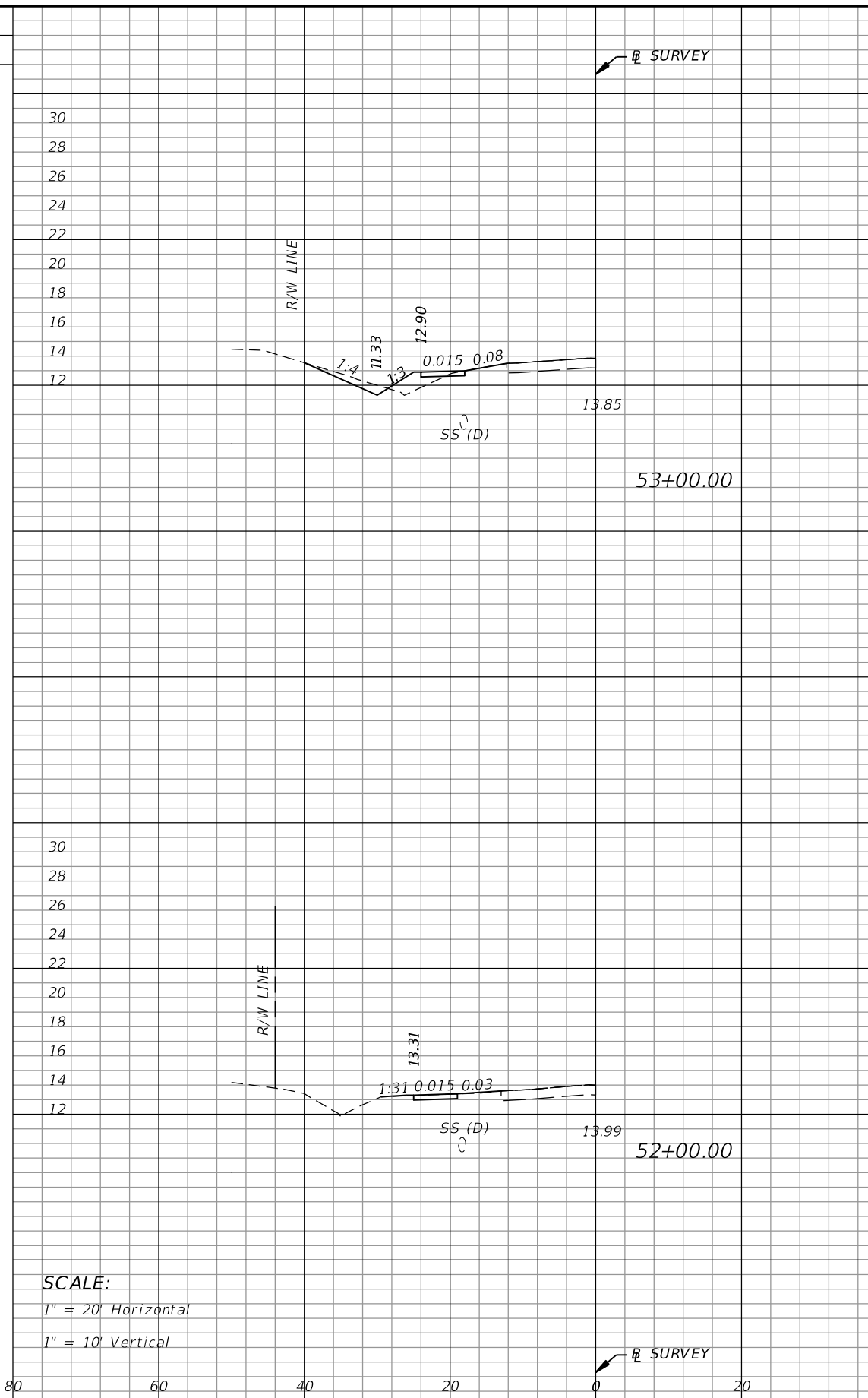
CROSS SECTIONS

SHEET NO.
30

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Regular Exc.		Embankment	
A	V	A	V
1.1	4.5	2.2	8.0



Regular Exc.		Embankment	
A	V	A	V
4.5	11.8	5.2	10.1

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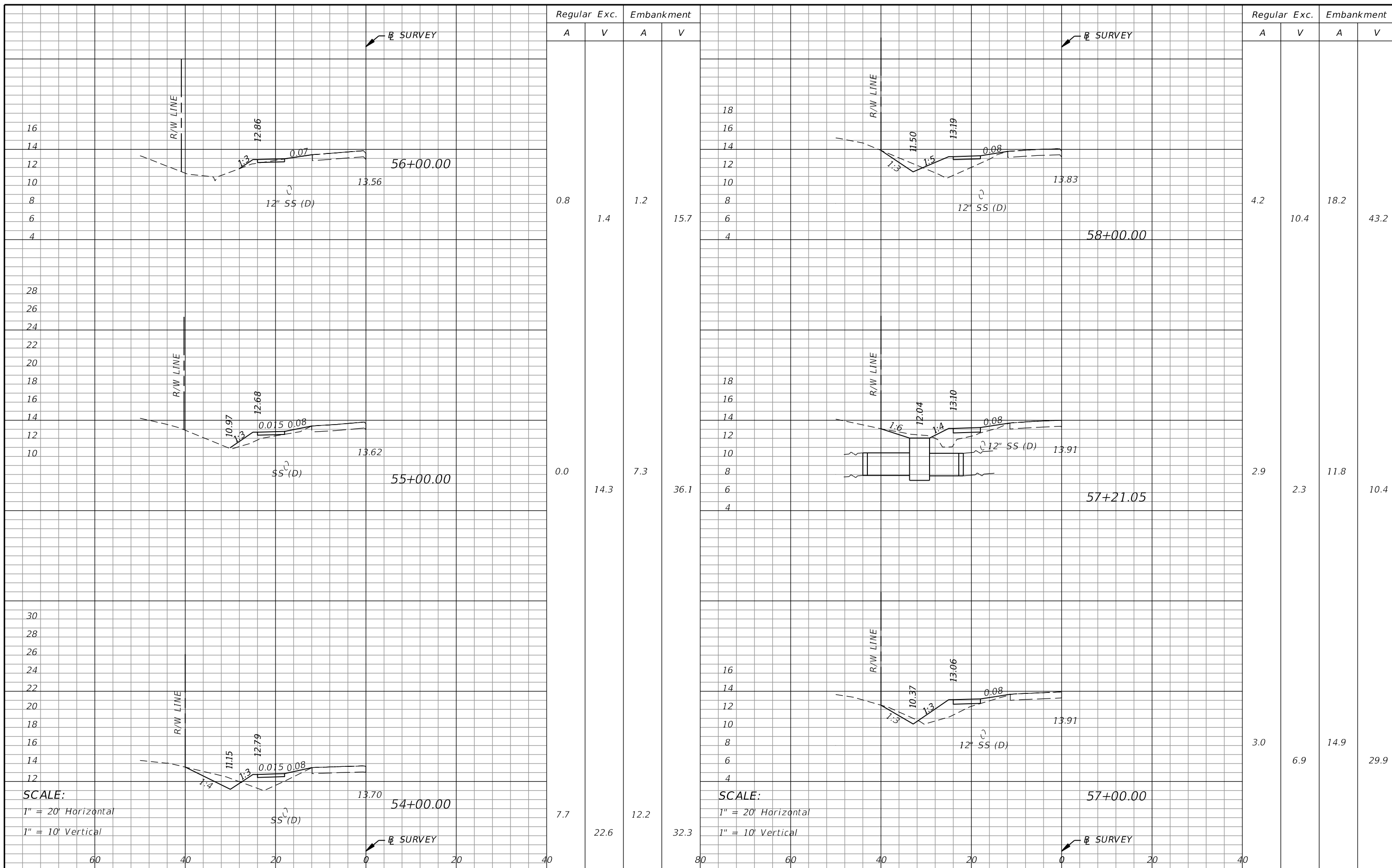
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ROAD	COUNTY
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CROSS SECTIONS

SHEET NO.
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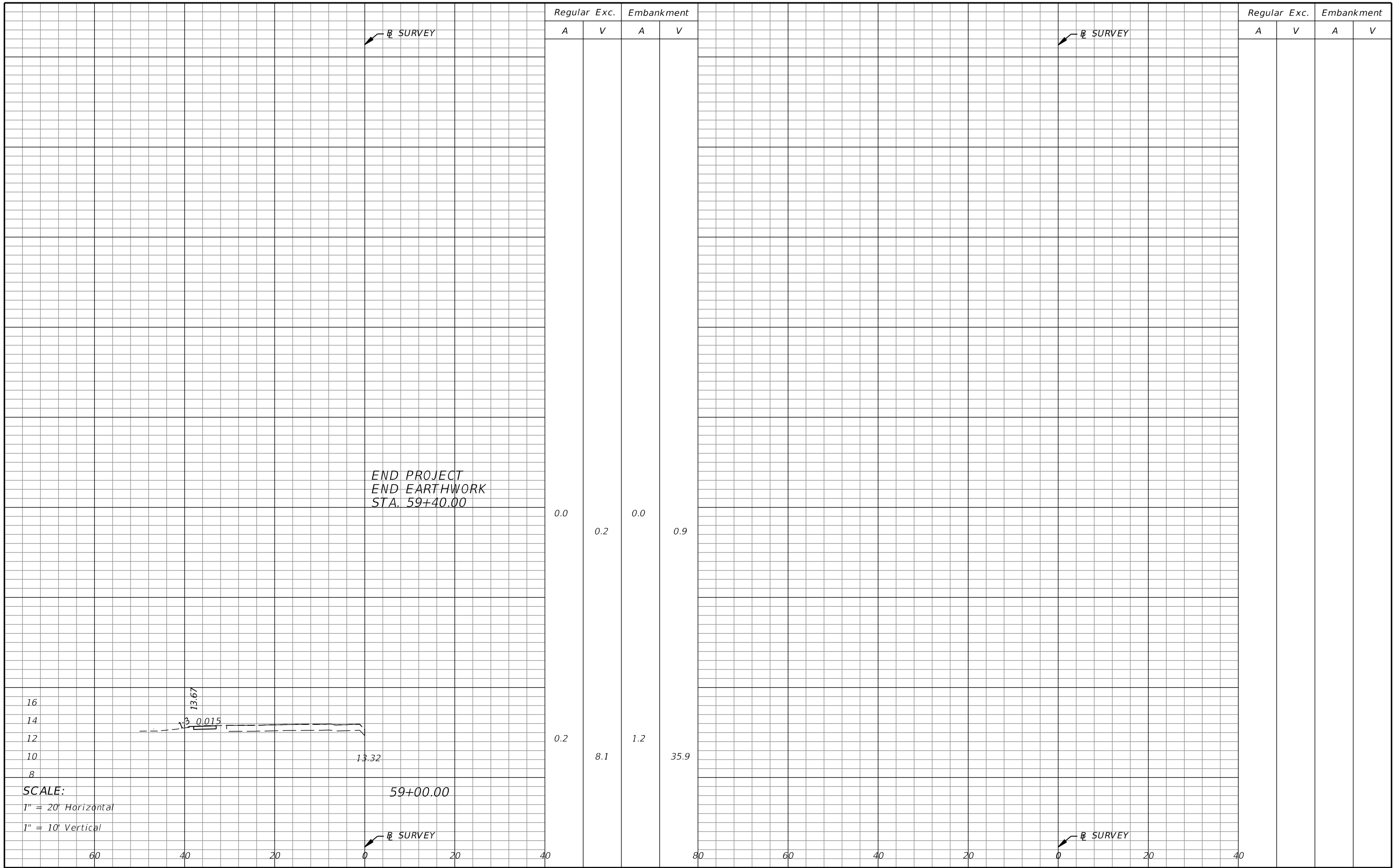
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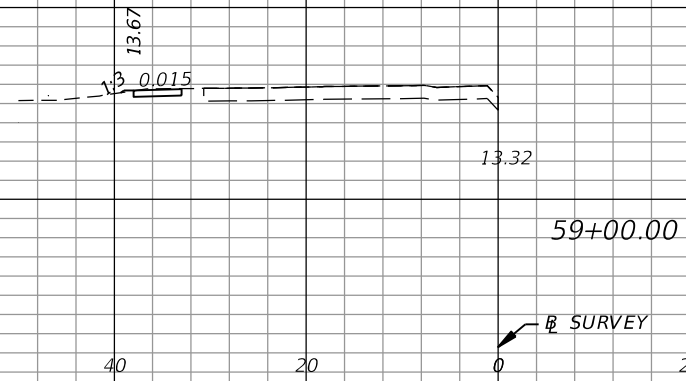
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END PROJECT
END EARTHWORK
STA. 59+40.00

16
14
12
10
8
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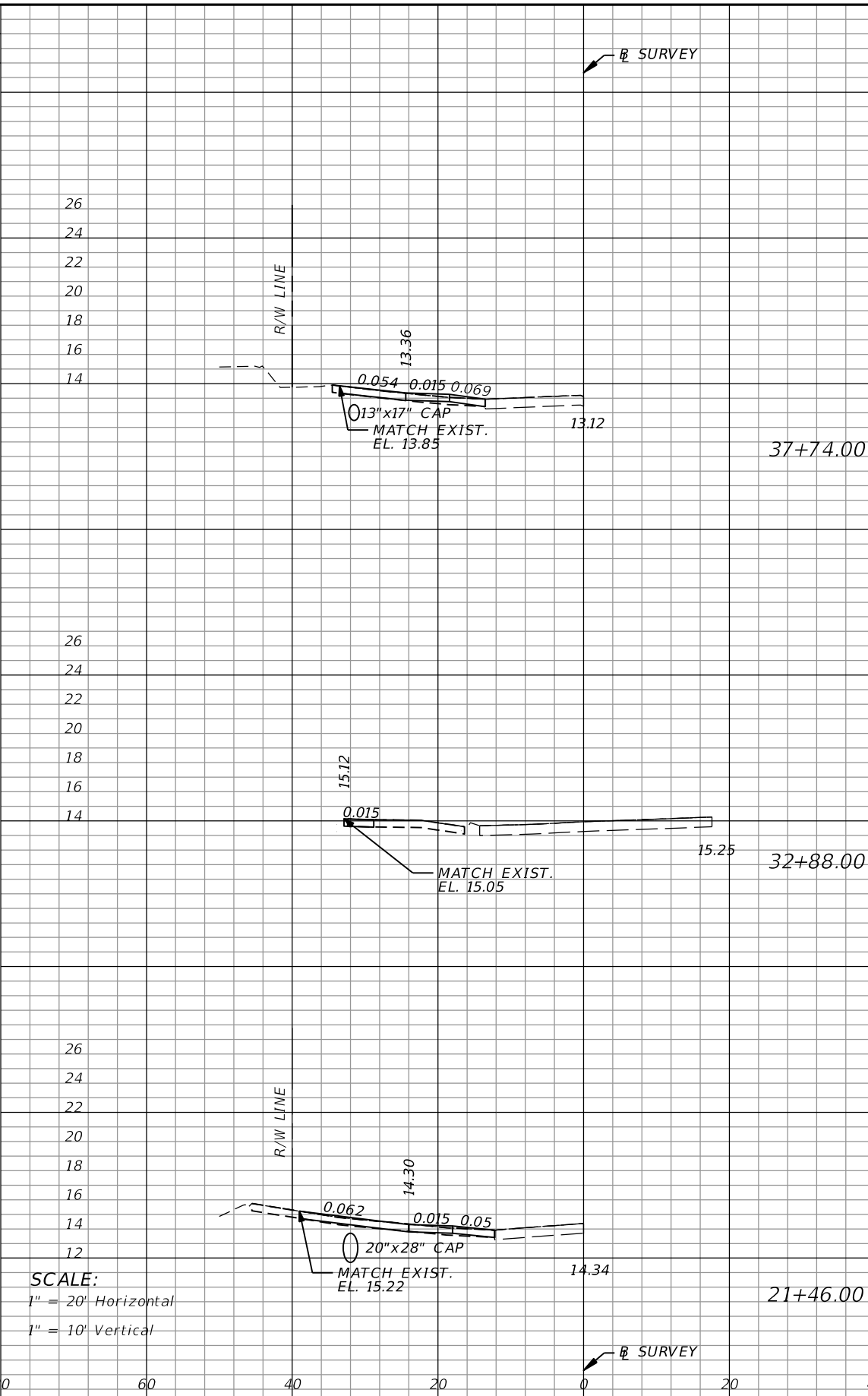
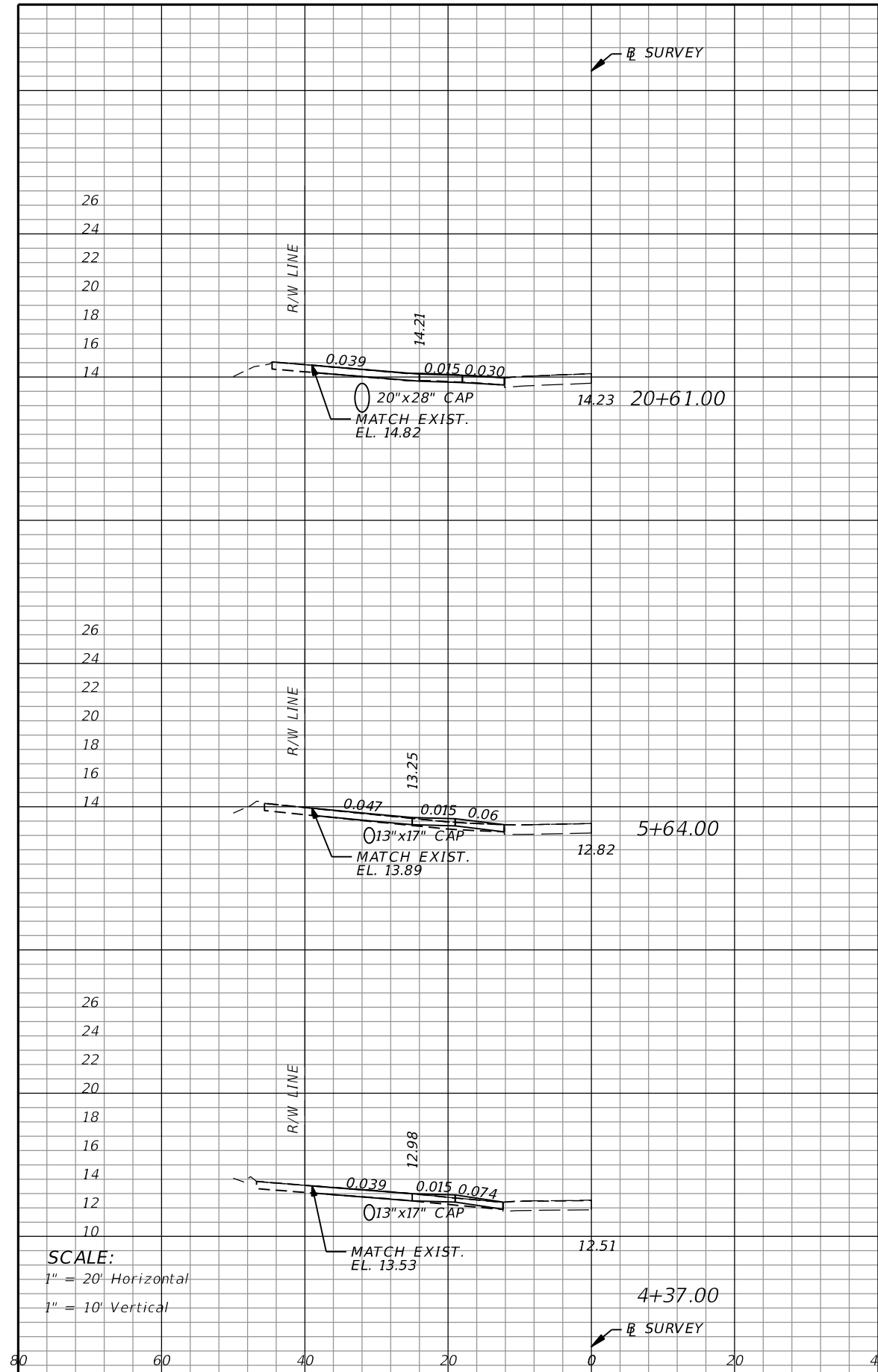
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Regular Exc. Embankment

A V A V

Regular Exc. Embankment

A V A V



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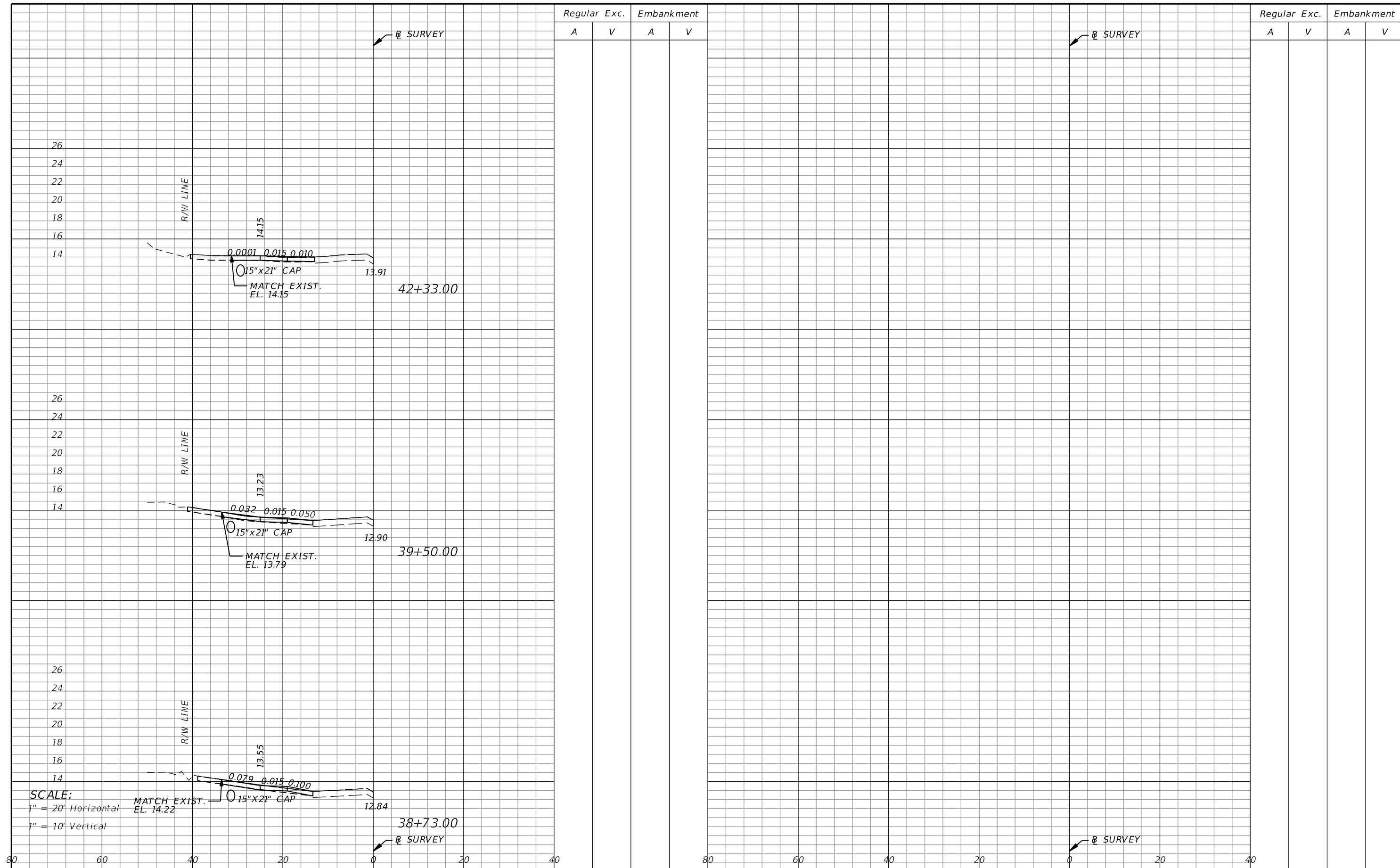
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DRIVEWAY CROSS SECTIONS

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Regular Exc. Embankment
A V A V

Regular Exc. Embankment
A V A V

SCALE:
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DRIVEWAY CROSS SECTIONS

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THE FOLLOWING NARRATIVE OF THE STORMWATER POLLUTION PREVENTION PLAN CONTAINS REFERENCES TO THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, THE DESIGN STANDARDS, AND OTHER SHEETS OF THESE CONSTRUCTION PLANS. THE FIRST SHEET OF THE CONSTRUCTION PLANS (CALLED THE KEY SHEET) CONTAINS AN INDEX TO THE OTHER SHEETS. THE COMPLETE STORMWATER POLLUTION PREVENTION PLAN INCLUDES SEVERAL ITEMS: THIS NARRATIVE DESCRIPTION, THE DOCUMENTS REFERENCED IN THIS NARRATIVE, THE CONTRACTOR'S APPROVED EROSION CONTROL PLAN REQUIRED BY SPECIFICATION SECTION 104, AND REPORTS OF INSPECTIONS MADE DURING CONSTRUCTION.

1.0 SITE DESCRIPTION:

1.A. NATURE OF CONSTRUCTION ACTIVITY:

THE PROJECT INVOLVES THE CONSTRUCTION OF 6 FOOT SIDEWALKS, ROADSIDE DRAINAGE AND PIPES.

1.B. SEQUENCE OF MAJOR SOIL DISTURBING ACTIVITIES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A DETAILED SEQUENCE OF CONSTRUCTION FOR ALL CONSTRUCTION ACTIVITIES. THE CONTRACTOR SHALL FOLLOW THE SEQUENCE OF MAJOR ACTIVITIES DESCRIBED BELOW, UNLESS THE CONTRACTOR PROPOSES A DIFFERENT SEQUENCE THAT IS EQUAL OR BETTER AT CONTROLLING EROSION AND TRAPPING SEDIMENT AND IS APPROVED BY THE ENGINEER.

FOR EACH CONSTRUCTION PHASE, INSTALL PERIMETER CONTROLS AFTER CLEARING AND GRUBBING NECESSARY FOR INSTALLATION OF CONTROLS BUT BEFORE BEGINNING OTHER WORK FOR THE CONSTRUCTION PHASE. REMOVE PERIMETER CONTROLS ONLY AFTER ALL UPSTREAM AREAS ARE STABILIZED.

1.C. AREA ESTIMATES:

TOTAL SITE AREA: 3.80 ACRES.
TOTAL AREA TO BE DISTURBED: 3.29 ACRES.

1.D. RUNOFF DATA:

RUNOFF COEFFICIENTS:
BEFORE: 0.50
DURING: VARIES FROM 0.50 TO 0.63
AFTER: 0.63

SOILS DATA: THE RESULTS OF THE SOIL BORINGS ALONG THE ROADWAY ARE SHOWN IN THE ROADWAY SOIL SURVEY SHEET(S). THE NUMBERS FOR THESE ARE IDENTIFIED ON THE KEY SHEET OF THESE CONSTRUCTION PLANS. IN GENERAL, THE SOILS ARE FINE SANDS TO SLIGHTLY CLAYEY.

OUTFALL INFORMATION:

THERE ARE 5 OUTFALLS:

#1 DESCRIPTION: DRAINAGE R/W E AND W SIDE OF SE SANDIA DR, N OF INTERSECTION OF SE THORNHILL DR AND SE SANDIA DR

LOCATION: LATITUDE 27° 17' 23" N, LONGITUDE, 80° 20' 17" W.
EST. DRAINAGE AREA SIZE: 19.25 ACRES
RECEIVING WATER NAME: D-24 CANAL

#2 DESCRIPTION: DRAINAGE R/W E AND W SIDE OF SE SANDIA DR, N OF INTERSECTION OF SE VOLTAIR TERRACE AND SE SANDIA DR

LOCATION: LATITUDE 27° 17' 37" N, LONGITUDE, 80° 20' 25" W.
EST. DRAINAGE AREA SIZE: 59.79 ACRES
RECEIVING WATER NAME: D-12 CANAL

#3 DESCRIPTION: DRAINAGE R/W E AND W SIDE OF SE LACONIA LANE, N OF INTERSECTION OF SE GROVE LANE AND SE LACONIA LANE

LOCATION: LATITUDE 27° 17' 55" N, LONGITUDE, 80° 20' 36" W.
EST. DRAINAGE AREA SIZE: 36.24 ACRES
RECEIVING WATER NAME: D-11 CANAL

#4 DESCRIPTION: DRAINAGE R/W E AND W SIDE OF SE SANDIA DR, N OF INTERSECTION OF CROSSTOWN PKWY AND SE SANDIA DR

LOCATION: LATITUDE 27° 17' 56" N, LONGITUDE, 80° 20' 33" W
EST. DRAINAGE AREA SIZE: 14.30 ACRES
RECEIVING WATER NAME: D-11 CANAL

#5 DESCRIPTION: DRAINAGE R/W E AND W SIDE OF SE SANDIA DR, N OF INTERSECTION OF SE FALLON DR AND SE SANDIA DR

LOCATION: LATITUDE 27° 18' 14" N, LONGITUDE, 80° 20' 40" W.
EST. DRAINAGE AREA SIZE: 60.65 ACRES
RECEIVING WATER NAME: D-10 CANAL

1.E. SITE MAP:

THE CONSTRUCTION PLANS ARE BEING USED AS THE SITE MAPS. THE LOCATION OF THE REQUIRED INFORMATION IS DESCRIBED BELOW. THE SHEET NUMBERS FOR THE PLAN SHEETS REFERENCED ARE IDENTIFIED ON THE KEY SHEET OF THESE CONSTRUCTION PLANS.

- * APPROXIMATE SLOPES: THE SLOPES OF THE SITE CAN BE SEEN IN THE CROSS SECTION SHEETS AND THE PLAN-PROFILE SHEETS.
- * AREAS OF SOIL DISTURBANCE: THE AREAS TO BE DISTURBED ARE INDICATED ON THE PLAN-PROFILE SHEETS AND THE CROSS SECTION SHEETS. ANY AREAS WHERE PERMANENT FEATURES ARE SHOWN TO BE CONSTRUCTED ABOVE OR BELOW GROUND WILL BE DISTURBED.
- * AREAS NOT TO BE DISTURBED: THE AREAS OF SOIL DISTURBANCE SHALL BE LIMITED TO THE LIMITS OF WORK INDICATED WITHIN THE PROJECT PLANS, UNLESS OTHERWISE APPROVED BY THE PROJECT ADMINISTRATOR.
- * LOCATIONS OF TEMPORARY CONTROLS: TEMPORARY CONTROLS SHALL BE PROVIDED WHERE THERE IS POTENTIAL FOR TRANSPORT OF SEDIMENT FROM DISTURBED AREAS. THESE AREAS INCLUDE ALL POINT OF DISCHARGE FROM THE PROJECT AREA TO ADJACENT PROPERTY, DITCHES, AND SURFACE WATERS. TABLES PROVIDING SUMMARIES OF TEMPORARY EROSION AND SEDIMENT CONTROL ITEMS ARE PROVIDED IN THE SUMMARY OF QUANTITY SHEETS.
- * LOCATIONS OF PERMANENT CONTROLS: PERMANENT CONTROLS SHALL INCLUDE ADDITION OF PERMANENT STABILIZATION OF SOILS WITH VEGETATION, CONCRETE AND ASPHALT.
- * AREAS TO BE STABILIZED: TEMPORARY STABILIZATION PRACTICES ARE SHOWN IN THE SAME LOCATION AS THE TEMPORARY CONTROLS MENTIONED ABOVE. PERMANENT STABILIZATION IS SHOWN ON THE TYPICAL SECTION SHEETS AND THE PLAN-PROFILE SHEETS.

1.F. RECEIVING WATERS:

SEE ITEM 1.D FOR THE OUTFALL LOCATIONS AND RECEIVING WATER NAMES. THERE ARE NO WETLAND AREAS ON THE PROJECT SITE.

2.0 CONTROLS:

2.A. EROSION AND SEDIMENT CONTROLS:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED STABILIZATION AND STRUCTURAL PRACTICES BASED ON THE CONTRACTOR'S PROPOSED TEMPORARY TRAFFIC CONTROL (TTC) PLAN. THE FOLLOWING RECOMMENDED GUIDELINES ARE BASED ON THE TEMPORARY TRAFFIC CONTROL PLAN OUTLINED IN THE CONSTRUCTION PLANS. WHERE FOLLOWING THE TEMPORARY TRAFFIC CONTROL PLAN OUTLINED IN THESE CONSTRUCTION PLANS, THE CONTRACTOR MAY CHOSE TO ACCEPT THE FOLLOWING GUIDELINES OR MODIFY THEM IN THE SEDIMENT AND EROSION CONTROL PLAN, SUBJECT TO APPROVAL BY THE ENGINEER. AS WORK PROGRESSES, THE CONTRACTOR SHALL MODIFY THE PLAN TO ADAPT TO SEASONAL VARIATION, CHANGES IN CONSTRUCTION ACTIVITIES, AND THE NEED FOR BETTER PRACTICES.

FOR EACH CONSTRUCTION PHASE, INSTALL PERIMETER CONTROLS AFTER CLEARING AND GRUBBING NECESSARY FOR INSTALLATION OF CONTROLS BUT BEFORE BEGINNING OTHER WORK FOR THE CONSTRUCTION PHASE. REMOVE PERIMETER CONTROLS ONLY AFTER ALL UPSTREAM AREAS ARE STABILIZED.

2.A.1 STABILIZATION PRACTICES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE STABILIZATION PRACTICES PROPOSED TO CONTROL EROSION. THE CONTRACTOR SHALL INITIATE ALL STABILIZATION MEASURES AS SOON AS PRACTICAL, BUT IN NO CASE MORE THAN 7 DAYS, IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. THE STABILIZATION PRACTICES SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

TEMPORARY: (NONE)

PERMANENT:



* ASPHALT OR CONCRETE SURFACE.

* SOD IN ACCORDANCE WITH SPECIFICATION SECTION 570.

2.B OTHER CONTROLS:

THE CONTRACTOR SHALL PRACTICE GOOD HOUSEKEEPING BY INSTITUTING A CLEAN ORDERLY, CONSTRUCTION SITE. THE FOLLOWING CONTROLS SHALL BE IMPLEMENTED TO FURTHER REDUCE POLLUTION AT THE PROJECT SITE:

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DATE	DESCRIPTION	DATE	DESCRIPTION			ROAD	COUNTY	
				SE SANDIA DRIVE	ST. LUCIE			

2.C.1 WASTE DISPOSAL:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS TO PREVENT THE DISCHARGE OF SOLID MATERIALS, INCLUDING BUILDING MATERIALS, TO WATERS OF THE UNITED STATES. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER:

- * PROVIDING LITTER CONTROL AND COLLECTION WITHIN THE PROJECT DURING CONSTRUCTION ACTIVITIES.
- * DISPOSING OF ALL FERTILIZER OR OTHER CHEMICAL CONTAINERS ACCORDING TO EPA'S STANDARD PRACTICES AS DETAILED BY THE MANUFACTURER.
- * DISPOSING OF SOLID MATERIALS INCLUDING BUILDING AND CONSTRUCTION MATERIALS OFF THE PROJECT SITE BUT NOT IN SURFACE WATERS, OR WETLANDS.

2.B.2 OFF-SITE VEHICLE TRACKING & DUST CONTROL:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED METHODS FOR MINIMIZING OFFSITE VEHICLE TRACKING OF SEDIMENTS AND GENERATING DUST. THE PROPOSED METHODS SHALL INCLUDE AT LEAST THE FOLLOWING, UNLESS OTHERWISE APPROVED BY THE ENGINEER.

- * COVERING LOADED HAUL TRUCKS WITH TARPULINS.
- * REMOVING EXCESS DIRT FROM ROADS DAILY.
- * STABILIZING CONSTRUCTION ENTRANCES ACCORDING TO THE FDEP EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL.
- * USING ROADWAY SWEEPERS DURING DUST GENERATING ACTIVITIES SUCH AS EXCAVATION AND MILLING OPERATIONS.

2.B.3 STATE AND LOCAL REGULATIONS FOR WASTE DISPOSAL, SANITARY SEWER, OR SEPTIC TANK REGULATIONS:

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROPOSED PROCEDURES TO COMPLY WITH APPLICABLE STATE AND LOCAL REGULATIONS FOR WASTE DISPOSAL, AND SANITARY SEWER OR SEPTIC SYSTEMS.

2.B.4 FERTILIZERS AND PESTICIDES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL DESCRIBE THE PROCEDURES FOR APPLYING FERTILIZERS AND PESTICIDES. THE PROPOSED PROCEDURES SHALL COMPLY WITH APPLICABLE SUBSECTIONS OF SECTION 570 OF THE SPECIFICATIONS.

2.B.5 TOXIC SUBSTANCES:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A LIST OF TOXIC SUBSTANCES THAT ARE LIKELY TO BE USED ON THE JOB AND PROVIDE A PLAN ADDRESSING THE GENERATION, APPLICATION, MIGRATION, STORAGE, AND DISPOSAL OF THESE SUBSTANCES.

2.C APPROVED STATE AND LOCAL PLANS AND PERMITS: N/A

3.0 MAINTENANCE:

IN THE SEDIMENT AND EROSION CONTROL PLAN, THE CONTRACTOR SHALL PROVIDE A PLAN FOR MAINTAINING ALL EROSION AND SEDIMENT CONTROLS THROUGHOUT CONSTRUCTION. THE MAINTENANCE PLAN SHALL AT A MINIMUM, COMPLY WITH THE FOLLOWING:

- * SILT FENCE: MAINTAIN PER SECTION 104. THE CONTRACTOR SHOULD ANTICIPATE REPLACING SILT FENCE ON 12 MONTH INTERVALS.
- * SEDIMENT BARRIERS: REMOVE SEDIMENT AS PER MANUFACTURER'S RECOMMENDATIONS OR WHEN WATER PONDS IN UNACCEPTABLE AMOUNTS OR AREAS.

4.0 INSPECTIONS:

QUALIFIED PERSONNEL SHALL INSPECT THE FOLLOWING ITEMS AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM THAT IS 0.50 INCHES OR GREATER. TO COMPLY, THE CONTRACTOR SHALL INSTALL AND MAINTAIN RAIN GAUGES AND RECORD THE DAILY RAINFALL. WHERE SITES HAVE BEEN PERMANENTLY STABILIZED, INSPECTIONS SHALL BE CONDUCTED AT LEAST ONCE EVERY MONTH. THE CONTRACTOR SHALL ALSO INSPECT THAT CONTROLS INSTALLED IN THE FIELD AGREE WITH THE LATEST STORMWATER POLLUTION PREVENTION PLAN.



- * POINTS OF DISCHARGE TO WATERS OF THE UNITED STATES.
- * POINTS OF DISCHARGE TO MUNICIPAL SEPARATE STORM DRAIN SYSTEMS.
- * DISTURBED AREAS OF THE SITE THAT HAVE NOT BEEN FINALLY STABILIZED.
- * AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION.
- * STRUCTURAL CONTROLS.
- * STORMWATER MANAGEMENT SYSTEMS.
- * LOCATIONS WHERE VEHICLES ENTER OR EXIT THE SITE.

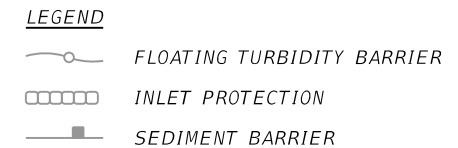
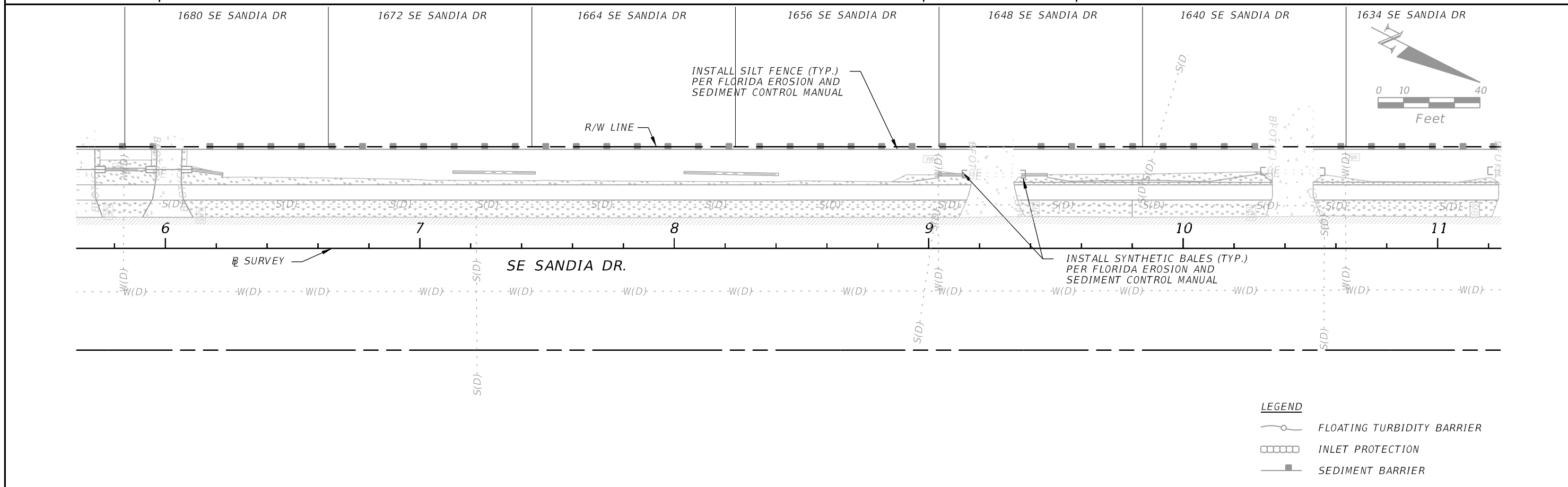
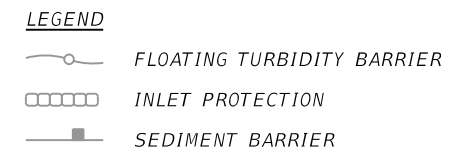
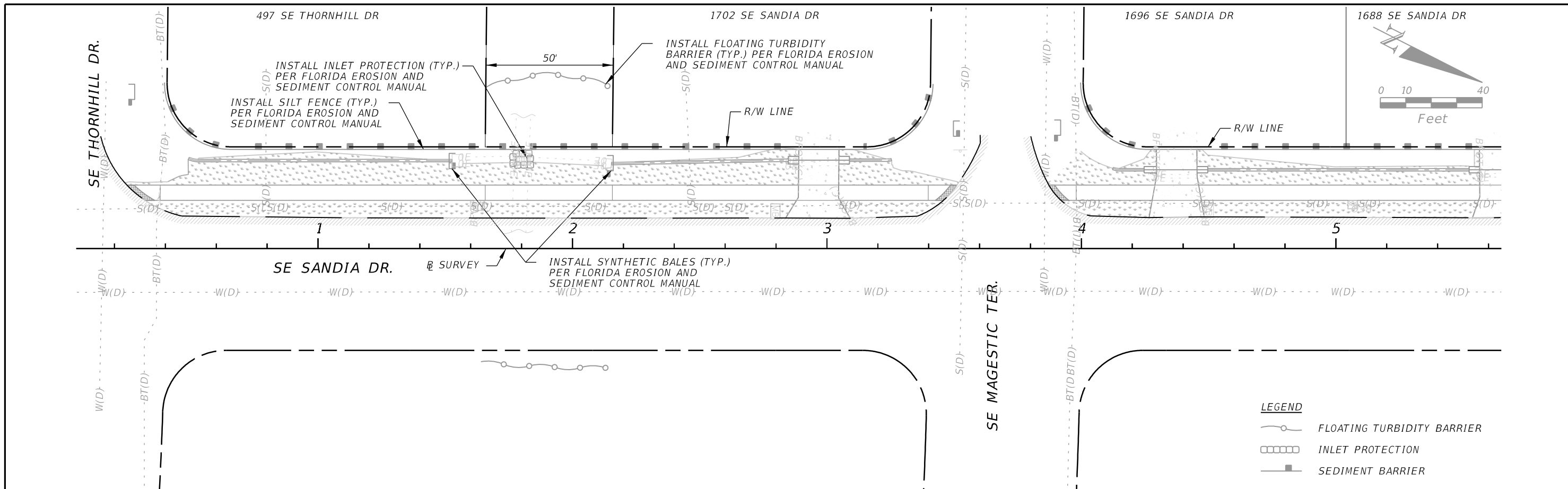
THE CONTRACTOR SHALL INITIATE REPAIRS WITHIN 24 HOURS OF INSPECTIONS THAT INDICATE ITEMS ARE NOT IN GOOD WORKING ORDER.

IF INSPECTIONS INDICATE THAT THE INSTALLED STABILIZATION AND STRUCTURAL PRACTICES ARE NOT SUFFICIENT TO MINIMIZE EROSION, RETAIN SEDIMENT, AND PREVENT DISCHARGING POLLUTANTS, THE CONTRACTOR SHALL PROVIDE ADDITIONAL MEASURES, AS APPROVED BY THE ENGINEER.

5.0 NON-STORMWATER DISCHARGES:

IN THE SECTION 104 EROSION CONTROL PLAN, THE CONTRACTOR SHALL IDENTIFY ALL ANTICIPATED NON-STORMWATER DISCHARGES (EXCEPT FLOWS FROM FIRE FIGHTING ACTIVITIES). THE CONTRACTOR SHALL DESCRIBE THE PROPOSED MEASURES TO PREVENT POLLUTION OF THESE NON-STORMWATER DISCHARGES. IF THE CONTRACTOR ENCOUNTERS CONTAMINATED SOIL OR GROUNDWATER, CONTACT STEVE JUNGJOHAN, CIP MANAGER AT 772-882-5084 WITH THE CITY OF PORT ST. LUCIE.

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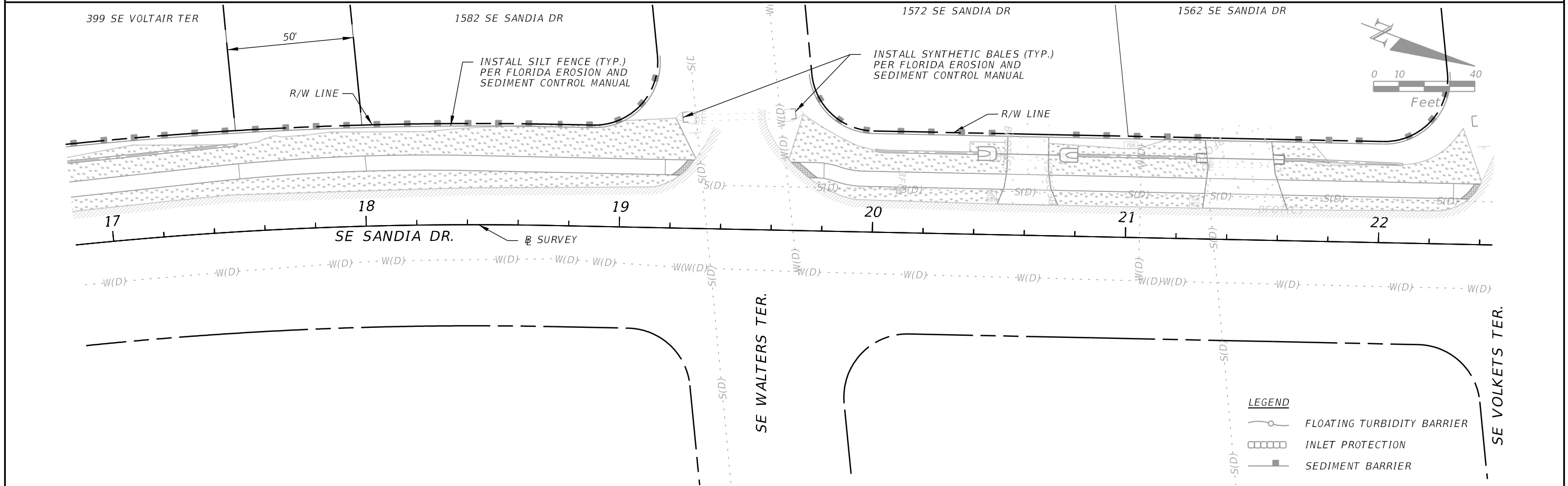
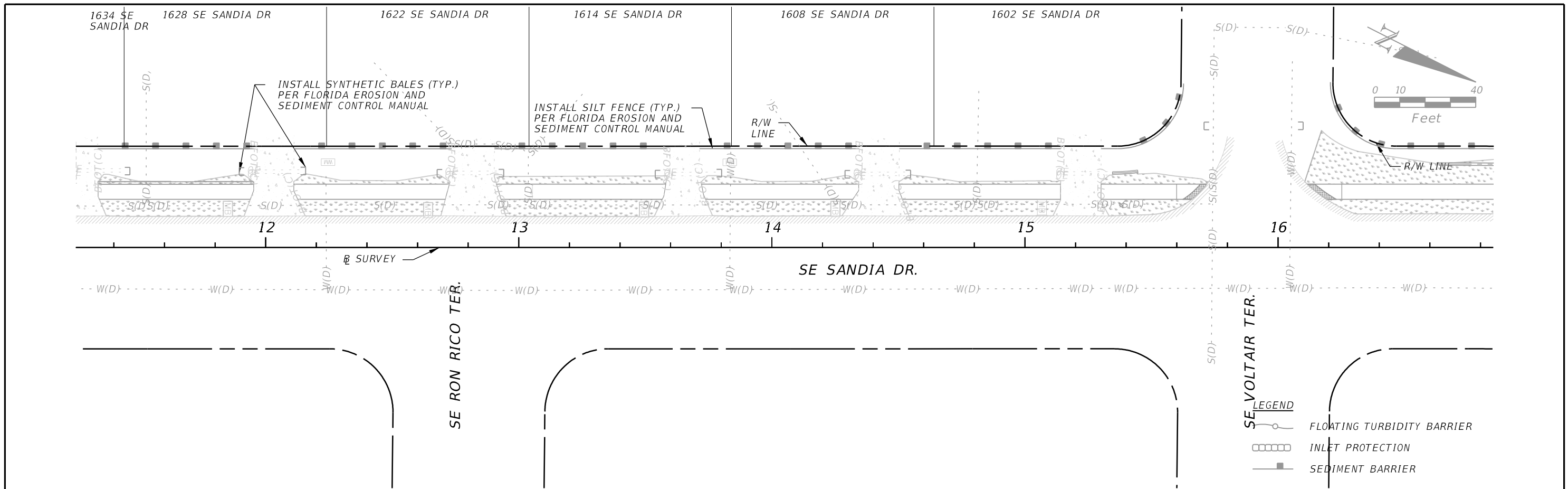
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EROSION CONTROL PLAN

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- LEGEND**
- FLOATING TURBIDITY BARRIER
 - INLET PROTECTION
 - SEDIMENT BARRIER

- LEGEND**
- FLOATING TURBIDITY BARRIER
 - INLET PROTECTION
 - SEDIMENT BARRIER

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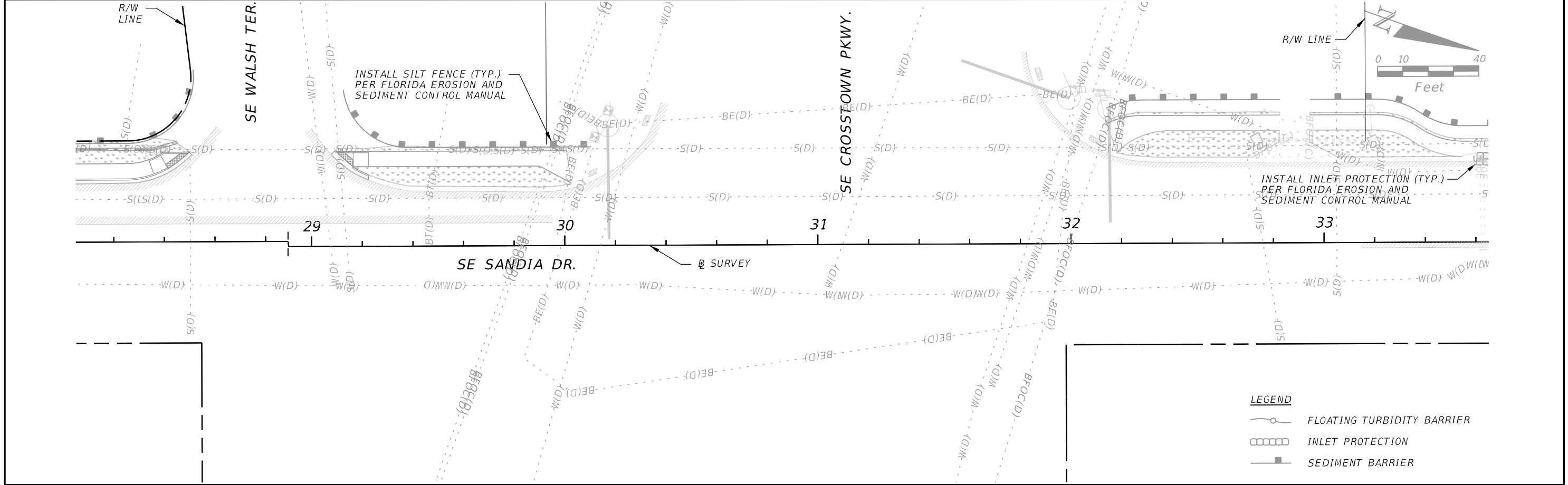
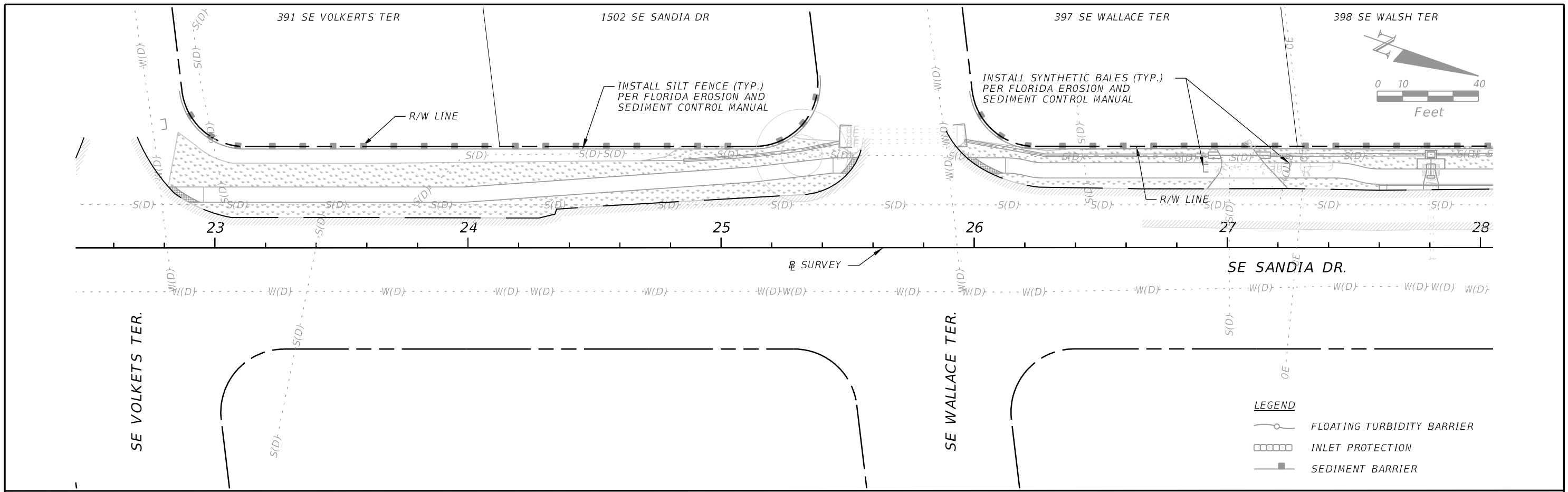
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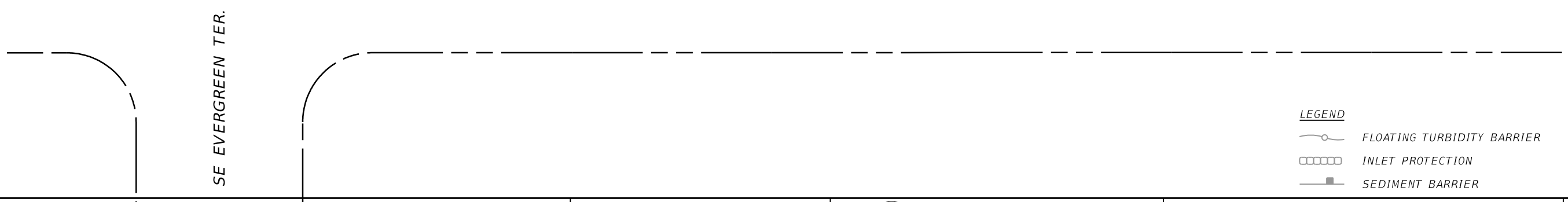
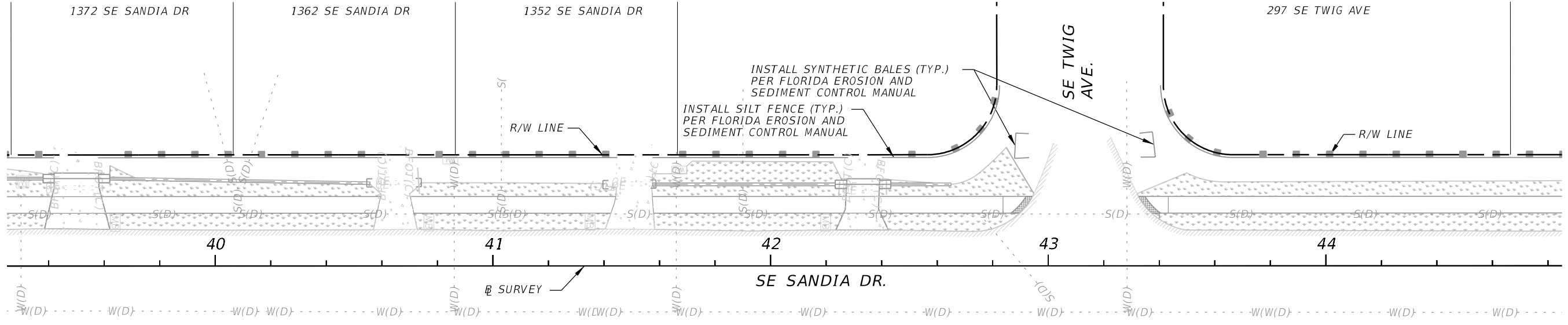
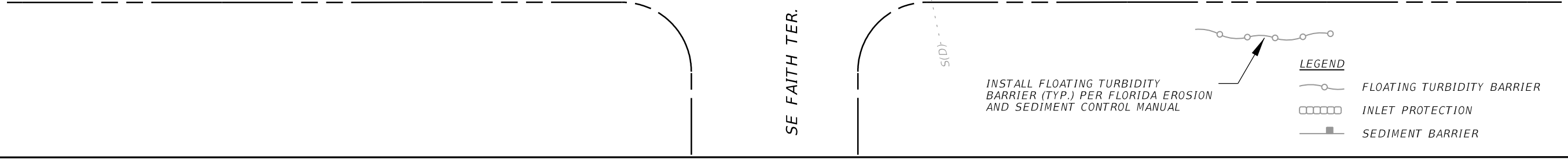
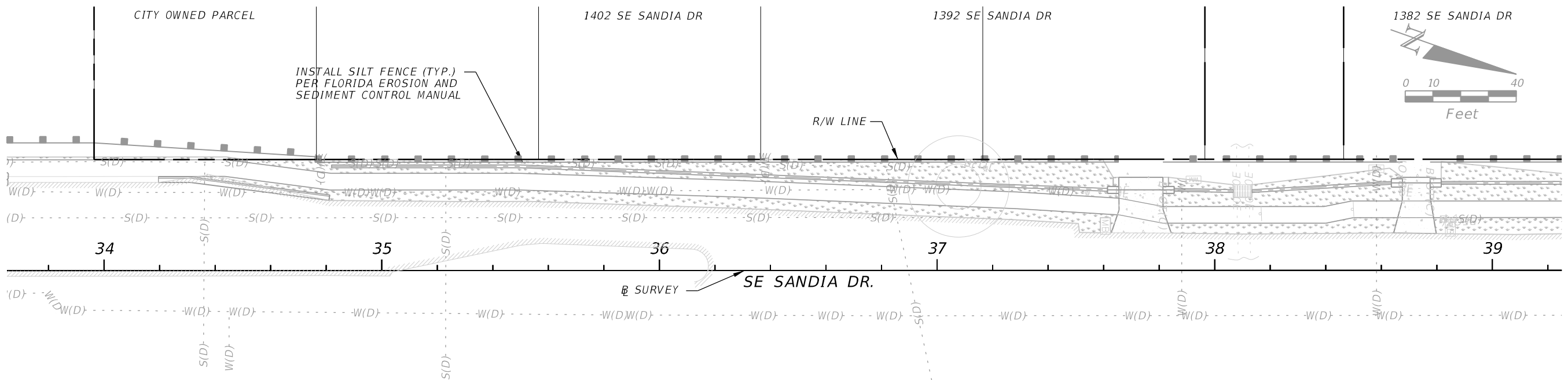
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EROSION CONTROL PLAN

SHEET NO.
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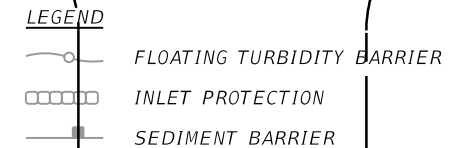
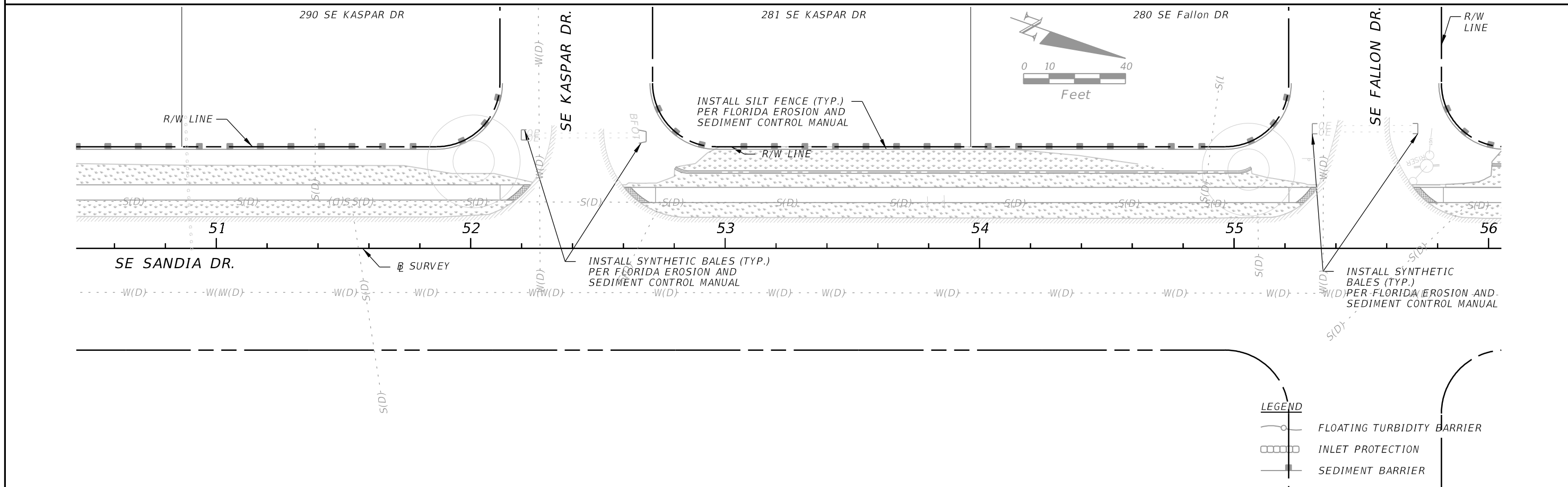
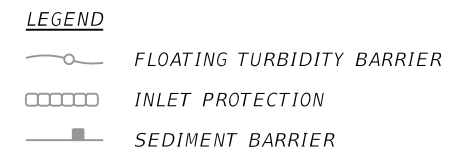
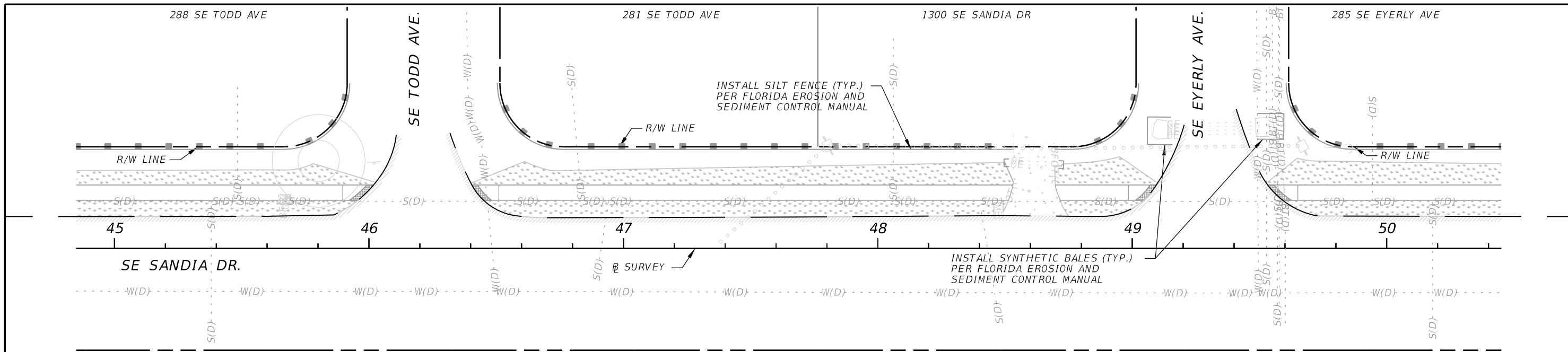
CITY OF PORT ST. LUCIE
 121 S.W. PORT ST. LUCIE BLVD.
 PORT ST. LUCIE, FL 34984

ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

EROSION CONTROL PLAN

SHEET NO. 41

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American
 Consulting Engineers of Florida, LLC
 2041 Vista Parkway, Suite 101
 West Palm Beach, Florida 33411
 Phone: (561) 253-9550 Fax: (561) 253-9551
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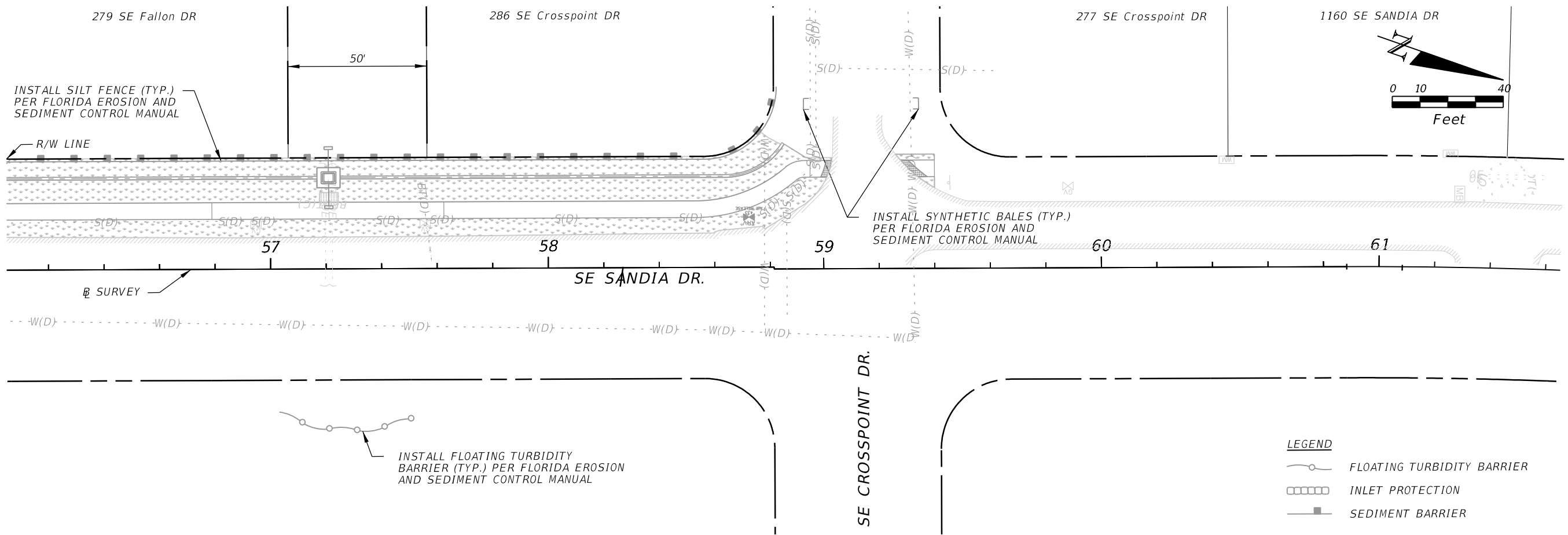
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 121 S.W. PORT ST. LUCIE BLVD.
 PORT ST. LUCIE, FL 34984

ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

EROSION CONTROL PLAN

SHEET NO.
42

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 PORT ST. LUCIE, FL 34984

ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

EROSION CONTROL PLAN

SHEET NO.
43

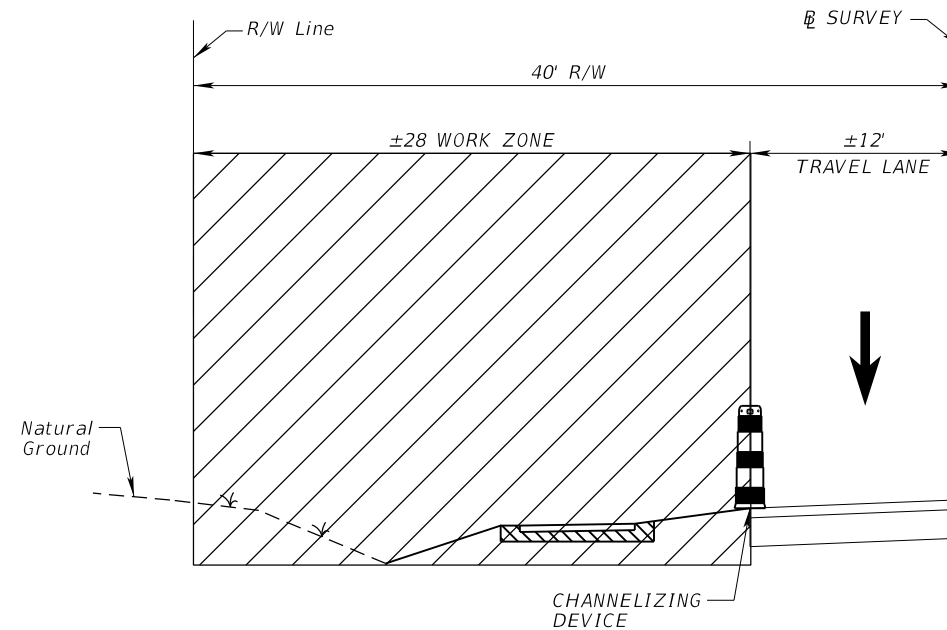
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TEMPORARY TRAFFIC CONTROL GENERAL NOTES:

1. ENGINEER SHALL BE NOTIFIED OF ALL ROADWAY CLOSURES 14 BUSINESS DAYS IN ADVANCE. CLOSURES SHALL BE COORDINATED WITH CITY ENGINEERING DEPARTMENT AND EMERGENCY SERVICES.
2. ARROWS DENOTE DIRECTION OF TRAFFIC ONLY AND DO NOT REFLECT PAVEMENT MARKINGS, UNLESS OTHERWISE NOTED.
3. POSTED REGULATORY SPEED LIMIT 35 MPH SHALL REMAIN FOR ALL CONSTRUCTION PHASES ALONG SE SANDIA DRIVE.
4. LANE CLOSURES SHALL ONLY OCCUR BETWEEN THE HOURS OF 9:00 AM TO 4:00 PM MONDAY THRU FRIDAY.
5. NIGHT TIME WORK WILL NOT BE PERMITTED.
6. ALL LANES MUST BE REOPENED TO NORMAL TRAFFIC WITHIN 12 HOURS OF AN EVACUATION NOTICE FOR A HURRICANE OR ANY OTHER EMERGENCY EVENT AND SHALL REMAIN OPEN FOR THE DURATION OF THE EVENT AS DIRECTED BY THE ENGINEER.
7. EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION ACTIVITIES DISTURBING THE SOIL.
8. THE MAINTENANCE OF TRAFFIC FOR THIS PROJECT SHALL BE IN ACCORDANCE WITH THE PROJECT PLANS, THE CURRENT EDITION OF THE FLORIDA D.O.T. DESIGN STANDARD INDEXES (IR102-000 SERIES), THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AS A MINIMUM CRITERIA. TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH (BUT NOT LIMITED TO) THE INDEXES (IR102-000 SERIES).
9. THE WORK AREA SHALL BE PROTECTED BY TRAFFIC CONTROL DEVICES AS SPECIFIED IN THE STANDARD INDEX, IR102-600 SERIES.
10. THE CONTRACTOR SHALL REMOVE, RELOCATE OR COVER ANY SIGNS OR OBLITERATE ANY PAVEMENT MARKINGS THAT CONFLICT WITH THE TRAFFIC CONTROL PHASES. WHEN THE CONFLICT NO LONGER EXISTS, THE CONTRACTOR SHALL REINSTALL OR UNCOVER THOSE SIGNS AND PAVEMENT MARKINGS IN THEIR ORIGINAL POSITION. (SEE SIGNING AND PAVEMENT MARKING PLANS).
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEVELOPING A WORK ZONE SCHEDULE SO THAT ANY LOCATION UNDER CONSTRUCTION WILL NOT BE LEFT IN A HAZARDOUS CONDITION AT THE COMPLETION OF ANY WORK PERIOD.
12. IF A LANE CLOSURE CAUSES EXTENDED CONGESTION, THE CONTRACTOR SHALL BE DIRECTED TO REOPEN THE CLOSED LANE(S) UNTIL SUCH TIME AS TRAFFIC FLOW HAS RETURNED TO AN ACCEPTABLE LEVEL. OPEN ALL LANES DURING INACTIVE WORK TIMES.
13. CONTRACTOR MUST COORDINATE WITH PROPERTY OWNERS FOR REPLACEMENT OF THE DRIVEWAYS.



CONSTRUCTION SEQUENCE

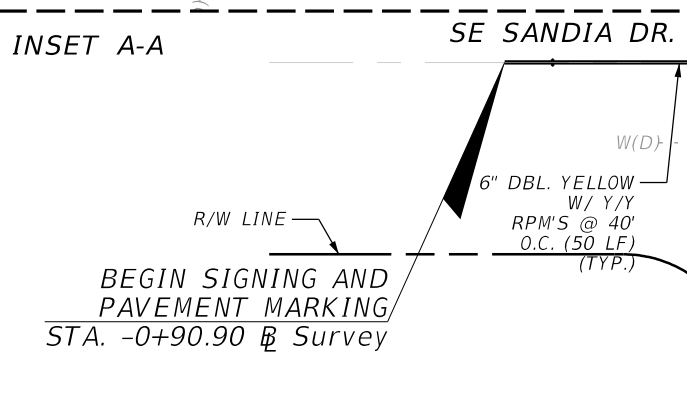
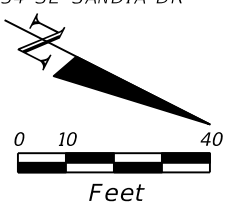
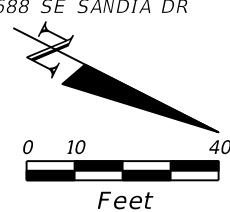
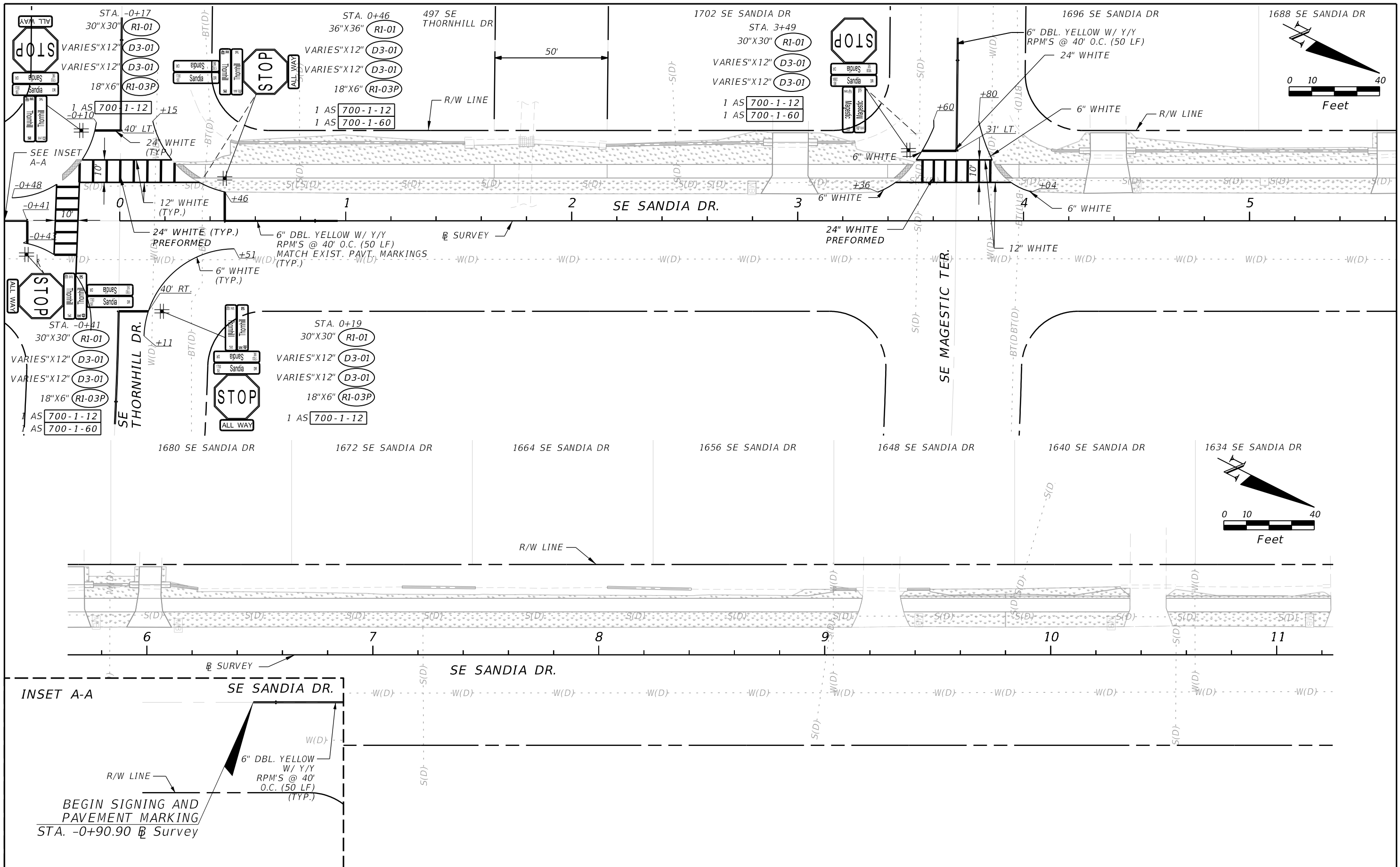
1. INSTALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN IN THE EROSION CONTROL PLAN UTILIZING FDOT STANDARD INDEX 102-602.
2. INSTALL CHANNELIZING DEVICES AND SIGNS TO CLOSE THE ADJACENT TRAVEL LANE UTILIZING FDOT STANDARD INDEX IR102-600, 102-602, AND 102-603.
3. REMOVE EXISTING CONCRETE PAVEMENT AND CONSTRUCT CONCRETE DRIVEWAYS AND UNPAVED SHOULDER THAT ENCRANCH INSIDE 2 FEET OF THE EXISTING ASPHALT PAVEMENT EDGE.
4. PLACE/MODIFY CHANNELIZING DEVICES AND SIGNS UTILIZING FDOT STANDARD INDEX IR102-600, 102-602 AND 102-660. MODIFY SIGNS AS NEEDED TO FIT CONSTRUCTION ACTIVITIES.
5. CONSTRUCT NEW DRAINAGE SWALES, CONCRETE SIDEWALK, AND DRAINAGE PIPES. FINISH CONSTRUCTING CONCRETE DRIVEWAYS.
6. PLACE SOD.
7. PLACE FINAL MARKINGS AND SIGNS AS SHOWN IN THE SIGNING AND PAVEMENT MARKING PLAN.
8. REMOVE ALL SEDIMENT BARRIER AND EROSION CONTROL SYSTEMS.



TTCP TYPICAL SECTION
SE SANDIA DRIVE
STA. 00+24.87 TO STA. 59+40.00
POSTED SPEED = 35 MPH

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REVISIONS							 CITY OF PORT ST. LUCIE 121 S.W. PORT ST. LUCIE BLVD. PORT ST. LUCIE, FL 34984	TEMPORARY TRAFFIC CONTROL PLAN		SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION					44
							ROAD	COUNTY		
							SE SANDIA DRIVE	ST. LUCIE		



REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION

American
 Consulting Engineers of Florida, LLC
 2041 Vista Parkway, Suite 101
 West Palm Beach, Florida 33411
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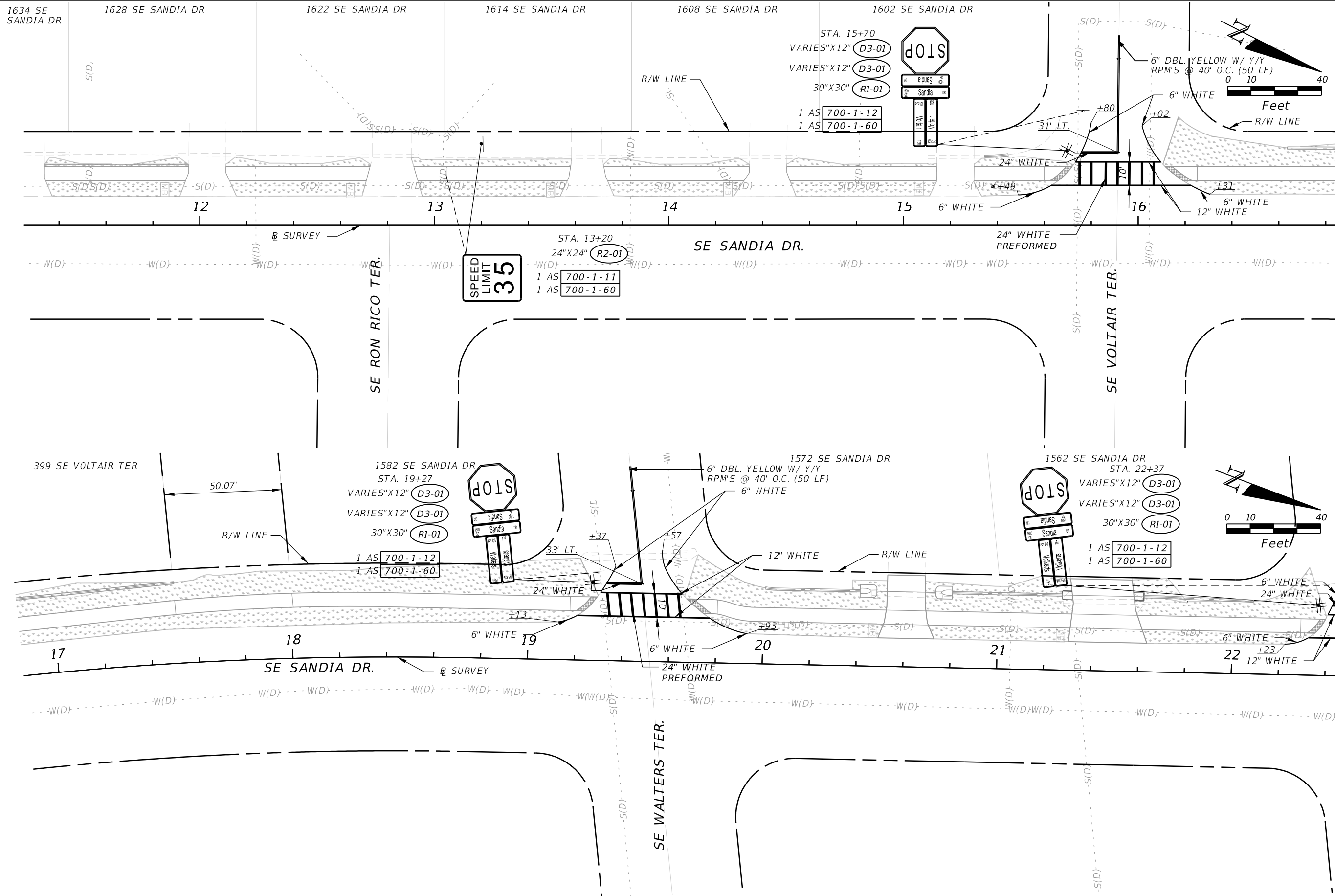
CITY OF PORT ST. LUCIE
 121 S.W. PORT ST. LUCIE BLVD.
 PORT ST. LUCIE, FL 34984

ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

SIGNING AND PAVEMENT MARKING PLAN

SHEET NO.
45

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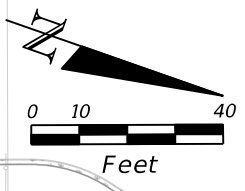
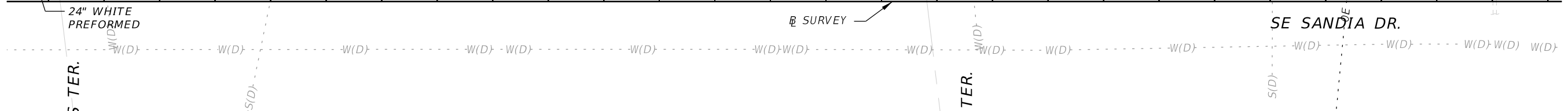
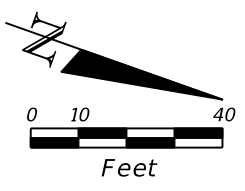
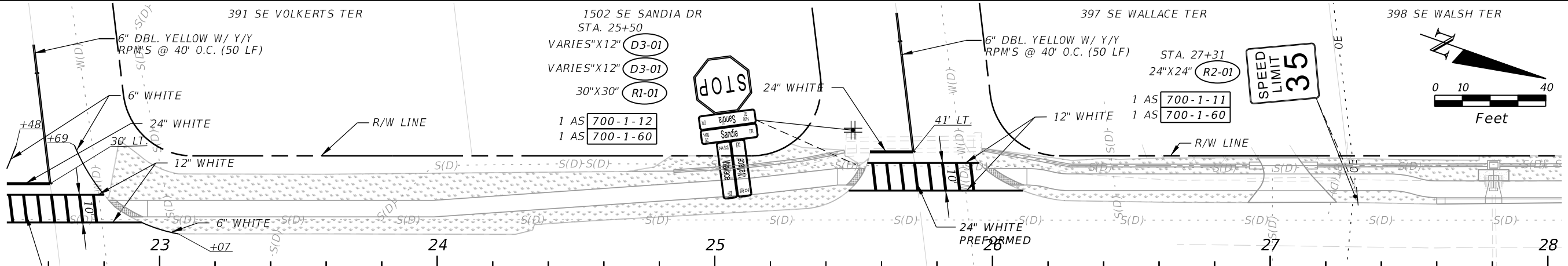
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 Consulting Engineers of Florida, LLC
 2041 Vista Parkway, Suite 101
 West Palm Beach, Florida 33411
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ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

SIGNING AND PAVEMENT MARKING PLAN

SHEET NO.
46



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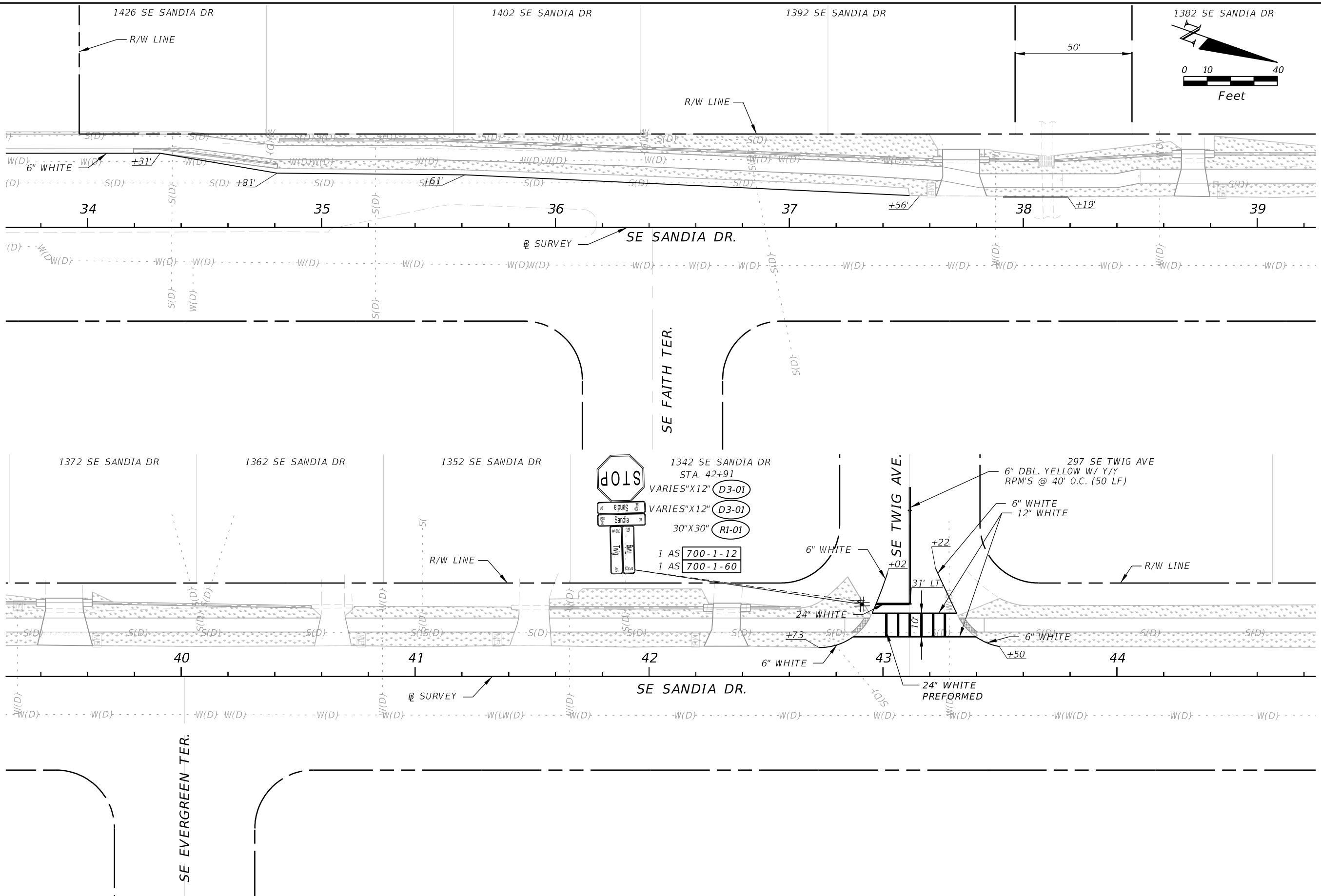
CITY OF PORT ST. LUCIE
 121 S.W. PORT ST. LUCIE BLVD.
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ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

SIGNING AND PAVEMENT MARKING PLAN

SHEET NO. 47

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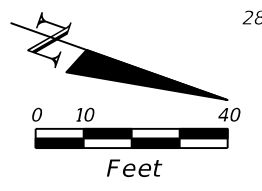
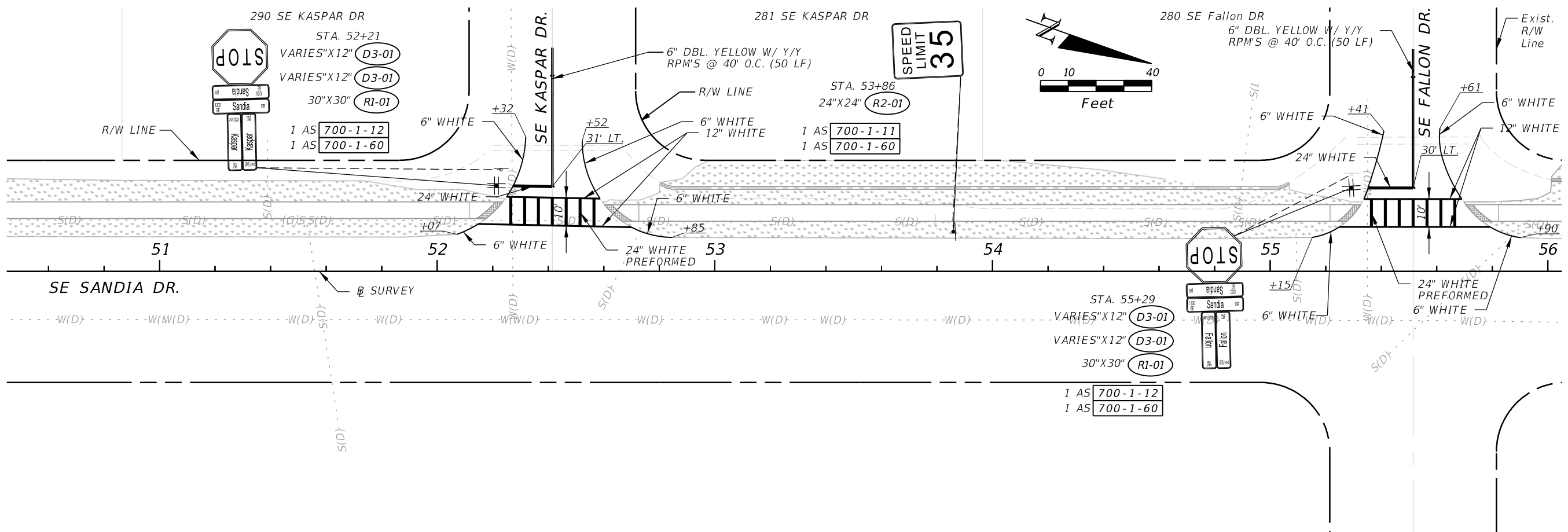
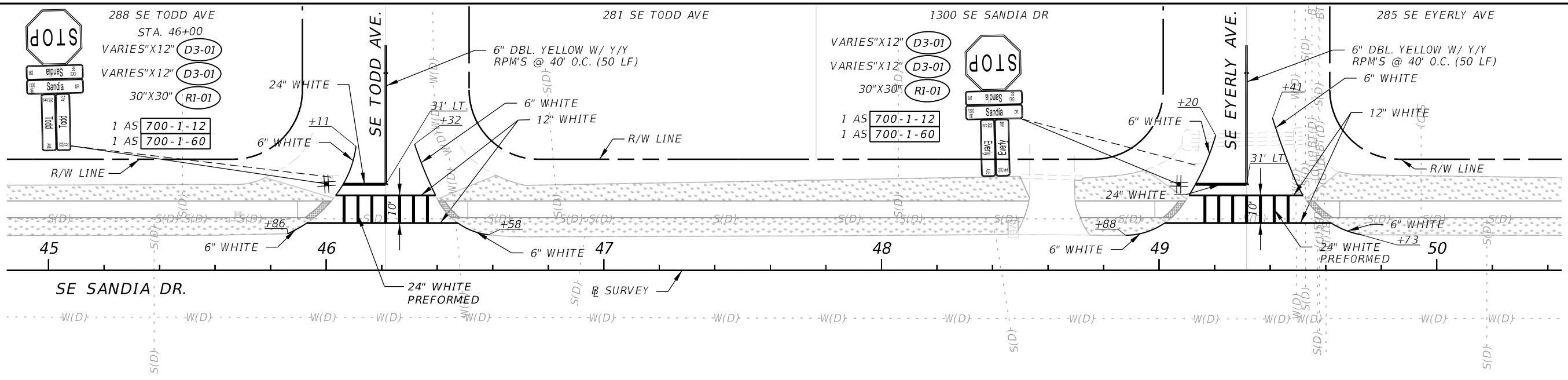
CITY OF PORT ST. LUCIE
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ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

SIGNING AND PAVEMENT MARKING PLAN

SHEET NO.
48

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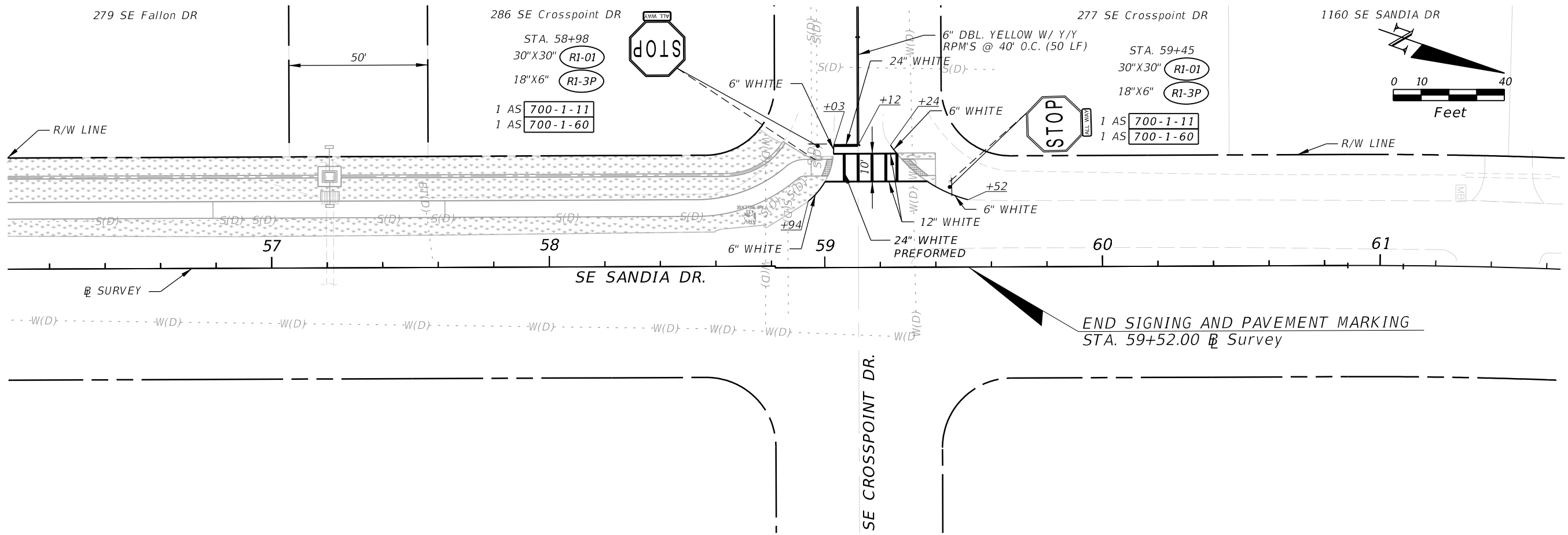
CITY OF PORT ST. LUCIE
 121 S.W. PORT ST. LUCIE BLVD.
 PORT ST. LUCIE, FL 34984

ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

SIGNING AND PAVEMENT MARKING PLAN

SHEET NO. 49

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 West Palm Beach, Florida 33411
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 PORT ST. LUCIE, FL 34984

ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

SIGNING AND PAVEMENT MARKING PLAN

SHEET NO.
50

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SUMMARY OF LUMP SUM ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	QUANTITY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
0101 1	MOBILIZATION	1			
0101 18	CONSTRUCTION VIDEO	1			
0101 99	SURVEY STAKING & RECORD DRAWINGS	1			
0102 1	MAINTENANCE OF TRAFFIC	1			
2000 1	UTILITY COORDINATION	1			

INDEX OF SUMMARY OF QUANTITIES

SHEET NO.	SHEET DESCRIPTION
SQ-1	SUMMARY OF LUMP SUM ITEMS
SQ-1	SUMMARY OF GENERAL ITEMS
SQ-2 AND SQ-6	SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES
SQ-7 AND SQ-8	SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS
SQ-8	SUMMARY OF EARTHWORK
SQ-9	SUMMARY OF UTILITY ADJUSTMENTS
SQ-10	SUMMARY OF SIDE DRAIN & MITERED END SECTIONS
SQ-10	SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS
SQ-12 AND SQ-13	SUMMARY OF SIDEWALK & DETECTABLE WARNINGS
SQ-14 AND SQ-17	SUMMARY OF PERFORMANCE TURF
SQ-17	SIGNING AND PAVEMENT MARKINGS: TABULATION OF QUANTITIES

SUMMARY OF GENERAL ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION		SIDE	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA.	TO STA.			P	F	P	F		
0514 72	IMPERMEABLE POLYETHELENE LINER (SWALE INSTALL)	0+49.17	to 1+52.70	LT	LF	103.7		2032.6			
		2+15.36	to 2+84.83	LT		69.5					
		3+08.83	to 3+25.38	LT		16.6					
		4+12.37	to 4+24.64	LT		12.4					
		4+49.64	to 5+52.40	LT		102.8					
		5+76.40	to 5+92.41	LT		16.1					
		6+10.41	to 6+22.64	LT		12.4					
		7+12.98	to 7+45.44	LT		32.5					
		8+03.80	to 8+40.98	LT		37.2					
		9+03.92	to 9+13.92	LT		10.0					
		9+36.58	to 9+46.58	LT		10.0					
		15+34.61	to 15+44.58	LT		10.0					
		16+63.63	to 17+51.12	LT		89.2					
		20+00.74	to 20+39.86	LT		39.2					
		20+81.86	to 21+27.47	LT		45.7					
		21+62.16	to 22+08.93	LT		46.8					
		24+85.21	to 25+46.68	LT		62.0					
		25+96.29	to 26+92.49	LT		96.8					
		27+17.06	to 27+78.28	LT		61.3					
		27+82.69	to 28+45.23	LT		63.0					
	34+81.95	to 37+61.42	LT		279.7						
	37+85.42	to 38+06.67	LT		21.3						
	38+13.42	to 38+63.61	LT		50.3						
	38+81.60	to 39+37.99	LT		56.4						
	39+62.02	to 40+55.77	LT		93.8						
	41+57.46	to 42+23.30	LT		65.9						
	42+43.30	to 42+64.95	LT		21.7						
	52+80.41	to 52+85.96	LT		5.9						
	52+85.96	to 55+01.21	LT		215.3						
	55+01.21	to 55+06.70	LT		5.9						
	56+01.35	to 57+16.81	LT		115.5						
	57+25.15	to 58+81.47	LT		163.7						

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121 S.W. PORT ST. LUCIE BLVD.
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ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

SUMMARY OF QUANTITIES

SHEET NO.

SQ-1

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SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES


LOCATION STA. TO STA.	SIDE	AREA ID	SEDIMENT BARRIER		FLOATING TURBIDITY BARRIER		INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS
			0104 10 3		0104 11		0104 18			
			LF		LF		EA			
P	F	P	F	P	F					
0+39.69 to 0+65.69	LT		41.1							
0+65.69 to 2+88.97	LT		223.3							
3+04.76 to 3+15.70	LT		10.9							
3+15.70 to 3+41.70	LT		40.6							
3+99.71 to 4+25.71	LT		41.1							
4+25.71 to 4+29.45	LT		3.7							
4+45.36 to 5+56.42	LT		111.1							
5+72.24 to 5+96.75	LT		24.5							
6+06.61 to 9+17.18	LT		310.6							
9+13.14 to 9+13.14	LT		3.0							
9+13.14 to 9+15.14	LT		2.0							
9+13.14 to 9+15.14	LT		2.0							
9+33.27 to 10+35.19	LT		101.9							
9+35.98 to 9+37.98	LT		2.0							
9+35.98 to 9+37.98	LT		2.0							
9+37.98 to 9+37.98	LT		3.0							
10+30.44 to 10+30.44	LT		3.0							
10+30.44 to 10+32.44	LT		2.0							
10+30.44 to 10+32.44	LT		2.0							
10+51.10 to 11+23.78	LT		72.7							
10+53.71 to 10+55.71	LT		2.0							
10+53.71 to 10+55.71	LT		2.0							
10+55.71 to 10+55.71	LT		3.0							
11+19.72 to 11+19.72	LT		3.0							
11+19.72 to 11+21.72	LT		2.0							
11+19.72 to 11+21.72	LT		2.0							
11+33.62 to 11+95.44	LT		61.8							
11+44.36 to 11+46.36	LT		2.0							
11+44.36 to 11+46.36	LT		2.0							
11+46.36 to 11+46.36	LT		3.0							
11+89.52 to 11+89.52	LT		3.0							
11+89.52 to 11+91.52	LT		2.0							
11+89.52 to 11+91.52	LT		2.0							
12+11.21 to 12+73.46	LT		62.2							
12+13.76 to 12+15.76	LT		2.0							
12+13.76 to 12+15.76	LT		2.0							
12+15.76 to 12+15.76	LT		3.0							
12+67.75 to 12+67.75	LT		3.0							
12+67.75 to 12+69.75	LT		2.0							
12+67.75 to 12+69.75	LT		2.0							
12+90.36 to 13+58.49	LT		68.1							
12+92.03 to 12+94.03	LT		2.0							
12+92.03 to 12+94.03	LT		2.0							
12+94.03 to 12+94.03	LT		3.0							
13+53.91 to 13+53.91	LT		3.0							
13+53.91 to 13+55.91	LT		2.0							
SUB-TOTAL:			1248.6							
TOTAL:			5481		204		3			

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ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

SUMMARY OF QUANTITIES

SHEET NO.
SQ-2

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SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES

LOCATION STA. TO STA.	SIDE	AREA ID	SEDIMENT BARRIER		FLOATING TURBIDITY BARRIER		INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS
			0104 10 3		0104 11		0104 18			
			LF		LF		EA			
P	F	P	F	P	F					
13+53.91 to 13+55.91	LT		2.0							
13+71.44 to 14+34.48	LT		63.0							
13+78.17 to 13+80.17	LT		2.0							
13+78.17 to 13+80.17	LT		2.0							
13+80.17 to 13+80.17	LT		3.0							
14+28.91 to 14+28.91	LT		3.0							
14+28.91 to 14+30.91	LT		2.0							
14+28.91 to 14+30.91	LT		2.0							
14+50.38 to 15+14.19	LT		63.8							
14+52.84 to 14+54.84	LT		2.0							
14+52.84 to 14+54.84	LT		2.0							
14+54.84 to 14+54.84	LT		3.0							
15+30.10 to 15+36.68	LT		6.6							
15+36.68 to 15+62.68	LT		40.6							
15+70.75 to 15+70.75	LT		3.0							
15+70.75 to 15+72.75	LT		2.0							
15+70.75 to 15+72.75	LT		2.0							
16+07.90 to 16+09.90	LT		2.0							
16+07.90 to 16+09.90	LT		2.0							
16+09.90 to 16+09.90	LT		3.0							
16+20.69 to 19+14.65	LT		332.2							
19+24.03 to 19+24.47	LT		4.0							
19+24.03 to 19+26.01	LT		2.0							
19+24.47 to 19+26.46	LT		2.0							
19+66.52 to 19+68.50	LT		2.0							
19+67.03 to 19+69.02	LT		2.0							
19+68.50 to 19+69.02	LT		4.0							
19+73.79 to 19+99.61	LT		37.8							
19+99.61 to 20+52.79	LT		53.2							
20+68.90 to 21+30.54	LT		61.6							
21+56.75 to 22+01.03	LT		44.3							
22+01.03 to 22+26.85	LT		43.9							
22+35.89 to 22+36.33	LT		4.0							
22+35.89 to 22+37.87	LT		2.0							
22+36.33 to 22+38.32	LT		2.0							
22+78.43 to 22+80.42	LT		2.0							
22+78.95 to 22+80.93	LT		2.0							
22+80.42 to 22+80.93	LT		4.0							
22+85.99 to 23+11.81	LT		37.8							
23+11.81 to 25+13.23	LT		201.4							
25+13.23 to 25+39.05	LT		43.9							
25+46.57 to 25+46.99	LT		9.1							
25+46.57 to 25+51.80	LT		5.2							
25+46.99 to 25+51.68	LT		4.7							
25+91.53 to 25+96.20	LT		4.7							
25+91.99 to 25+97.23	LT		5.2							
25+96.20 to 25+97.23	LT		9.1							
SUB-TOTAL:			1137.1							

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



American
Consulting Engineers of Florida, LLC
2041 Vista Parkway, Suite 101
West Palm Beach, Florida 33411
Phone: (561) 253-9550 Fax: (561) 253-9551
Certificate of Authorization No. 9302
Jaime R. Celler, P.E. No. 82194



CITY OF PORT ST. LUCIE
121 S.W. PORT ST. LUCIE BLVD.
PORT ST. LUCIE, FL 34984

ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

SUMMARY OF QUANTITIES



SHEET NO.
SQ-3

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES

LOCATION STA. TO STA.	SIDE	AREA ID	SEDIMENT BARRIER		FLOATING TURBIDITY BARRIER		INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS
			0104 10 3		0104 11		0104 18			
			LF		LF		EA			
P	F	P	F	P	F					
25+98.19 to 26+24.01	LT		37.8							
26+24.01 to 28+25.70	LT		201.7							
26+90.56 to 26+90.56	LT		3.0							
26+90.56 to 26+92.56	LT		2.0							
26+90.56 to 26+92.56	LT		2.0							
27+22.58 to 27+24.58	LT		2.0							
27+22.64 to 27+24.64	LT		2.0							
27+24.58 to 27+24.64	LT		3.0							
28+25.70 to 28+51.52	LT		43.9							
29+12.72 to 30+10.56	LT		109.8							
32+14.19 to 32+82.76	LT		69.1							
32+94.79 to 33+55.09	LT		62.5							
33+55.09 to 33+96.47	LT		41.4							
33+96.37 to 37+65.39	LT		371.2							
37+81.35 to 38+67.67	LT		86.3							
38+77.56 to 39+41.89	LT		64.3							
39+57.79 to 40+59.94	LT		102.2							
40+54.59 to 40+54.59	LT		3.0							
40+54.59 to 40+56.59	LT		2.0							
40+54.59 to 40+56.59	LT		2.0							
40+69.78 to 41+44.82	LT		75.0							
40+72.20 to 40+74.19	LT		2.0							
40+72.26 to 40+74.26	LT		2.0							
40+74.19 to 40+74.26	LT		3.0							
41+39.61 to 41+39.61	LT		3.0							
41+39.61 to 41+41.61	LT		2.0							
41+39.61 to 41+41.61	LT		2.0							
41+56.68 to 41+58.68	LT		2.0							
41+56.74 to 41+58.74	LT		2.0							
41+57.46 to 42+27.97	LT		70.5							
41+58.68 to 41+58.74	LT		3.0							
42+40.05 to 42+56.47	LT		16.4							
42+56.47 to 42+82.47	LT		40.8							
42+87.90 to 42+88.32	LT		9.1							
42+87.90 to 42+93.13	LT		5.2							
42+88.32 to 42+93.02	LT		4.7							
43+32.87 to 43+37.54	LT		4.7							
43+33.33 to 43+38.57	LT		5.2							
43+37.54 to 43+38.57	LT		9.1							
43+40.47 to 43+66.47	LT		40.8							
43+66.47 to 45+66.47	LT		200.0							
45+66.47 to 45+92.47	LT		40.8							
46+50.47 to 46+76.47	LT		40.8							
46+76.47 to 48+53.33	LT		176.9							
48+49.59 to 48+49.59	LT		3.0							
48+49.59 to 48+51.59	LT		2.0							
48+49.59 to 48+51.59	LT		2.0							
SUB-TOTAL:			1979.2							



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REVISIONS						 American Consulting Engineers of Florida, LLC 2041 Vista Parkway, Suite 101 West Palm Beach, Florida 33411 Phone: (561) 253-9550 Fax: (561) 253-9551 Certificate of Authorization No. 9302 Jaime R. Celler, P.E. No. 82194	 CITY OF PORT ST. LUCIE 121 S.W. PORT ST. LUCIE BLVD. PORT ST. LUCIE, FL 34984	SUMMARY OF QUANTITIES	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION				ROAD
						SE SANDIA DRIVE	ST. LUCIE		

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES

LOCATION STA. TO STA.	SIDE	AREA ID	SEDIMENT BARRIER		FLOATING TURBIDITY BARRIER		INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS
			0104 10 3		0104 11		0104 18			
			LF		LF		EA			
			P	F	P	F	P	F		
48+69.48 to 48+76.47	LT		7.0							
48+76.47 to 49+02.47	LT		40.8							
49+05.92 to 49+05.97	LT		10.8							
49+05.92 to 49+15.74	LT		9.8							
49+05.97 to 49+15.29	LT		9.3							
49+49.12 to 49+59.58	LT		10.5							
49+49.18 to 49+59.54	LT		10.4							
49+59.54 to 49+59.58	LT		10.1							
49+60.47 to 49+86.47	LT		40.8							
49+86.47 to 51+86.47	LT		200.0							
51+86.47 to 52+12.47	LT		40.8							
52+19.86 to 52+19.87	LT		4.0							
52+19.86 to 52+21.86	LT		2.0							
52+19.87 to 52+21.87	LT		2.0							
52+65.63 to 52+68.96	LT		3.4							
52+66.01 to 52+68.97	LT		3.0							
52+68.96 to 52+68.97	LT		4.0							
52+70.47 to 52+96.47	LT		40.8							
52+96.47 to 54+96.47	LT		200.0							
54+96.47 to 55+22.47	LT		40.8							
55+30.75 to 55+30.75	LT		4.0							
55+30.75 to 55+32.75	LT		2.0							
55+30.75 to 55+32.75	LT		2.0							
55+70.19 to 55+72.19	LT		2.0							
55+70.20 to 55+72.20	LT		2.0							
55+72.19 to 55+72.20	LT		4.0							
55+80.47 to 56+06.47	LT		40.8							
56+06.47 to 58+56.34	LT		249.9							
58+56.34 to 58+81.47	LT		40.8							
58+92.92 to 58+92.93	LT		4.0							
58+92.92 to 58+94.92	LT		2.0							
58+92.93 to 58+94.93	LT		2.0							
59+32.36 to 59+34.36	LT		2.0							
59+32.37 to 59+34.37	LT		2.0							
59+34.36 to 59+34.37	LT		4.0							
SUB-TOTAL:			1053.8							



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DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION				ROAD	COUNTY	SQ-5
									SE SANDIA DRIVE	ST. LUCIE	

SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES

LOCATION STA. TO STA.	SIDE	AREA ID	SEDIMENT BARRIER		FLOATING TURBIDITY BARRIER		INLET PROTECTION SYSTEM		DESIGN NOTES	CONSTRUCTION REMARKS
			0104 10 3		0104 11		0104 18			
			LF		LF		EA			
P	F	P	F	P	F					
0+25.48 to 0+27.98	LT		11.0							
1+51.51 to 1+54.01	LT		11.0							
2+13.54 to 2+16.04	LT		11.0							
3+49.70 to 3+52.20	LT		11.0							
3+89.36 to 3+91.86	LT		11.0							
48+70.95 to 48+72.95	LT		2.0							
48+71.05 to 48+73.05	LT		2.0							
48+72.95 to 48+73.05	LT		3.0							
1+64.04 to 2+13.94	RT				50.0					
1+66.14 to 2+15.94	LT				51.4					
37+92.94 to 38+42.94	RT				50.3					
57+02.94 to 57+52.94	RT				51.8					
1+76.62 to 1+83.44	LT						1			
33+60.56 to 33+64.26	LT						1			
38+06.67 to 38+13.42	LT						1			
SUB-TOTAL:			62.0		203.5		3			

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DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION				ROAD	COUNTY	SQ-6
									SE SANDIA DRIVE	ST. LUCIE	

SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION	SIDE	AREA ID	UNITS	SECONDARY UNITS (IF LUMP SUM)	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
		STA. TO STA.				AREA (AC)	P	F	P	F		
0110 4 10	REMOVAL OF EXISTING CONCRETE	-0+25.30 to -0+16.81	LT	77370	SY		4.75		511.55		SIDEWALK	
		2+83.82 to 3+09.14	LT	37829			51.7				DRIVEWAY	
		4+26.40 to 4+48.75	LT	37923			55.8				DRIVEWAY	
		5+53.72 to 5+75.38	LT	37920			49.9				DRIVEWAY	
		5+91.10 to 6+10.96	LT	37917			35.1				DRIVEWAY	
		20+49.08 to 20+73.08	LT	37914			53.1				DRIVEWAY	
		21+27.91 to 21+63.77	LT	37905			89.5				DRIVEWAY	
		26+92.02 to 27+23.92	LT	43717			36.5				DRIVEWAY	
		34+19.59 to 34+37.20	LT	37818			1.8				CURB AND GUTTER	
		37+62.82 to 37+84.36	LT	37822			37.9				DRIVEWAY	
		38+64.46 to 38+79.81	LT	37894			26.1				DRIVEWAY	
		39+38.59 to 39+62.08	LT	37891			42.2				DRIVEWAY	
		42+23.55 to 42+42.46	LT	37875			27.2				DRIVEWAY	

SUMMARY OF EARTHWORK


PAY ITEM NO.	PAY ITEM DESCRIPTION	CY		DESIGN NOTES	CONSTRUCTION REMARKS
		P	F		
0120 1	REGULAR EXCAVATION				
	BL SURVEY	307.78		SE SANDIA DRIVE	
	TOTAL REGULAR EXCAVATION	307.78			
0120 6	EMBANKMENT				
	BL SURVEY	801.80		SE SANDIA DRIVE	
	TOTAL EMBANKMENT	801.80			

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



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CITY OF PORT ST. LUCIE
121 S.W. PORT ST. LUCIE BLVD.
PORT ST. LUCIE, FL 34984

ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

SUMMARY OF QUANTITIES

SHEET NO.
SQ-8

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SUMMARY OF UTILITY ADJUSTMENTS

PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STATION	SIDE	UNIT	QUANTITY		TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS
					P	F	P	F		
1080 21 400	UTILITY FIXTURE, VALVE/METER BOX, RELOCATE	5+82.13	LT	EA	1.0		9.0			
		15+37.06	LT		1.0					
		15+38.06	LT		1.0					
		15+42.86	LT		1.0					
		39+30.58	LT		1.0					
		45+66.98	LT		1.0					
		45+67.01	LT		1.0					
		45+68.05	LT		1.0					
1080 21 500	UTILITY FIXTURE, VALVE/METER BOX, ADJUST	1+62.21	LT	EA	1.0		21.0			
		1+64.53	LT		1.0					
		1+64.76	LT		1.0					
		5+05.91	LT		1.0					
		5+07.58	LT		1.0					
		5+07.76	LT		1.0					
		20+07.51	LT		1.0					
		20+10.09	LT		1.0					
		20+10.24	LT		1.0					
		28+32.19	LT		1.0					
		28+34.12	LT		1.0					
		28+34.14	LT		1.0					
		37+17.40	LT		1.0					
		37+54.12	LT		1.0					
		37+92.53	LT		1.0					
		38+58.36	LT		1.0					
		38+82.38	LT		1.0					
38+85.15	LT		1.0							
56+94.92	LT		1.0							
57+55.78	LT		1.0							
58+72.36	LT		1.0							

REVISIONS					
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 121 S.W. PORT ST. LUCIE BLVD.
 PORT ST. LUCIE, FL 34984

ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

SUMMARY OF QUANTITIES

SHEET NO.
SQ-9

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SUMMARY OF SIDE DRAIN & MITERED END SECTIONS

STA. TO STA.	SIDE	PIPE (LF)				DITCH BOTTOM INLET (EA)				CLOSED FLUME INLET (EA)	MES (EA)		DESIGN NOTES	CONSTRUCTION REMARKS
		BACK		AHEAD		ELLIPTICAL		ROUND			C	D		
		OFFSET	FL	OFFSET	FL	13"X17"	15"X21"	20"X28"	15"	30"	<10'	<10'		
2+84.83 to 3+08.83	LT	34.78	9.11	34.78	9.18									
4+24.64 to 4+49.64	LT	31.00	10.95	31.00	11.05	25.0								
5+52.40 to 5+76.40	LT	31.00	11.24	31.00	11.55	24.0								
5+92.41 to 6+10.41	LT	31.00	11.39	31.00	11.49	18.0								
20+39.86 to 20+80.53	LT	32.00	11.39	32.00	11.39							2		
21+27.47 to 21+62.16	LT	32.00	11.49	32.00	11.55									
26+92.13 to 27+13.64	LT	36.50	13.41	36.50	13.26	25.0								
27+80.48 to 27+80.48	LT	28.40	8.85	35.00	EXIST.				7.0					
27+80.48 to 27+80.48	LT	23.00	13.03	23.00	14.13							1		
27+80.48 to 27+80.48	LT	33.24	8.85	33.24						1				
37+61.42 to 37+85.42	LT	29.00	11.68	29.00	11.48	24.0								
38+63.34 to 38+81.60	LT	31.50	11.19	31.50	11.25			18.0						
39+37.98 to 39+62.02	LT	31.50	11.42	31.50	11.45			24.0						
42+23.30 to 42+43.30	LT	29.36	12.35	29.36	12.38			20.0						
57+21.00 to 57+21.00	LT	32.84	7.85	32.84	7.89						1			
57+21.00 to 57+21.00	LT	30.75	7.89	22.75	EXIST.				8.0					
57+21.00 to 57+21.00	LT	43.00	7.85	35.00	EXIST.				8.0					
10% WASTE FACTOR						12	9	6	1	2				
SUB-TOTAL:						128	95	63	8	18	1	1	1	2
TOTAL:						128	95	63	8	18	1	1	1	2

SUMMARY OF CURB & GUTTER AND/OR TRAFFIC SEPARATORS


PAY ITEM NO.	PAY ITEM DESCRIPTION	LOCATION STA. TO STA.	SIDE	AREA ID	UNIT	QUANTITY				TOTAL		DESIGN NOTES	CONSTRUCTION REMARKS	
						GROSS LENGTH	DEDUCTIONS		NET LENGTH		P			F
							TYPE	LENGTH	P	F				
0520 1 10	CONCRETE CURB & GUTTER, TYPE F	27+60.00 to 28+49.98	LT		LF	93.0			93.0		173			
		29+07.81 to 29+22.52	LT			18.0			18.0					
		34+19.56 to 34+81.19	LT			62.1			62.1					

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



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CITY OF PORT ST. LUCIE
121 S.W. PORT ST. LUCIE BLVD.
PORT ST. LUCIE, FL 34984

ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

SUMMARY OF QUANTITIES

SHEET NO.
SQ-10

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS


LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	CONC SIDEWALK 4"		CONC SIDEWALK 6"		DETECTABLE WARNINGS		DESIGN NOTES	CONSTRUCTION REMARKS
					0522 1		0522 2		0527 2			
					SY		SY		SF			
P	F	P	F	P	F							
0+38.00 to 1+65.69	LT	28138			85.1							
2+15.70 to 2+88.83	LT	28143			48.7							
3+04.62 to 3+39.81	LT	28149			23.4							
3+97.97 to 4+28.89	LT	28155			20.2							
4+46.06 to 5+56.51	LT	28160			73.2							
5+72.38 to 5+95.91	LT	28169			15.3							
6+06.36 to 9+16.58	LT	28176			206.1							
9+33.58 to 10+35.09	LT	28182			67.2							
10+51.08 to 11+23.94	LT	28190			48.5							
11+33.75 to 11+95.28	LT	28197			40.7							
12+11.12 to 12+72.60	LT	28204			40.2							
12+91.24 to 13+58.08	LT	28211			43.6							
13+72.20 to 14+34.32	LT	28219			40.5							
14+50.22 to 15+14.09	LT	28225			42.3							
15+30.06 to 15+59.96	LT	28231			19.9							
16+25.21 to 17+51.25	LT	28236			84.7							
18+00.26 to 19+17.68	LT	28243			78.9							
19+80.42 to 20+52.46	LT	28250			47.9							
20+69.34 to 21+31.62	LT	28259			41.0							
21+59.50 to 22+29.27	LT	28264			45.8							
22+95.61 to 25+44.22	LT	28269			166.1							
26+12.37 to 26+97.77	LT	43919			56.6							
27+14.48 to 28+35.94	LT	44336			78.8							
29+22.52 to 30+02.65	LT	57489			56.9							
32+14.19 to 32+82.60	LT	44361			51.2							
32+94.41 to 37+65.56	LT	55051			314.7							
38+77.82 to 39+41.22	LT	28349			41.5							
39+58.98 to 40+59.53	LT	28354			66.1							
40+70.22 to 41+44.22	LT	28360			48.4							
41+57.43 to 42+27.18	LT	28366			46.2							
42+38.89 to 42+83.70	LT	28372			29.8							
43+43.25 to 45+89.71	LT	28378			164.3							
46+51.03 to 48+53.14	LT	28383			134.2							
48+69.75 to 48+98.49	LT	28388			18.6							
49+65.07 to 52+11.56	LT	28394			164.3							
52+72.62 to 55+21.55	LT	28399			166.0							
55+82.27 to 56+78.93	LT	28404			64.4							
57+62.47 to 58+95.22	LT	80491			90.3							
-0+25.30 to -0+25.30	LT	77344										
0+24.87 to 0+38.00	LT	5028						4.7				
1+65.69 to 2+15.70	LT	5041						6.6				
2+83.79 to 3+09.12	LT	25670						33.3				
3+39.81 to 3+51.08	LT	5056						51.7				
3+87.18 to 3+97.97	LT	5074						5.9				
4+26.57 to 4+48.29	LT	25661						5.8				
5+53.70 to 5+75.36	LT	25658						52.4				
								49.9				
SUB-TOTAL:					2871.6			210.3				
TOTAL:					2872			832		449		

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



American
Consulting Engineers of Florida, LLC
2041 Vista Parkway, Suite 101
West Palm Beach, Florida 33411
Phone: (561) 253-9550 Fax: (561) 253-9551
Certificate of Authorization No. 9302
Jaime R. Celler, P.E. No. 82194



CITY OF PORT ST. LUCIE
121 S.W. PORT ST. LUCIE BLVD.
PORT ST. LUCIE, FL 34984

ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

SUMMARY OF QUANTITIES



SHEET NO.
SQ-11

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	CONC SIDEWALK 4"		CONC SIDEWALK 6"		DETECTABLE WARNINGS		DESIGN NOTES	CONSTRUCTION REMARKS
					0522 1		0522 2		0527 2			
					SY		SY		SF			
					P	F	P	F	P	F		
5+91.08 to 6+10.93	LT	25655					35.1					
15+59.96 to 15+71.85	LT	5095					6.1					
16+11.55 to 16+25.21	LT	5114					6.7					
17+51.05 to 18+00.68	LT	5122					33.4					
19+17.68 to 19+29.09	LT	5142					6.0					
19+67.37 to 19+80.42	LT	5167					6.4					
20+49.05 to 20+73.05	LT	25592					53.1					
21+30.28 to 21+63.74	LT	25583					84.3					
22+29.27 to 22+39.78	LT	5188					5.7					
22+81.71 to 22+95.61	LT	5211					7.0					
25+44.22 to 25+54.14	LT	5234					5.5					
25+97.14 to 26+12.37	LT	5254					7.4					
26+92.02 to 27+23.92	LT	44454					36.5					
28+34.07 to 28+49.98	LT	44526					7.2					
29+10.39 to 29+22.52	LT	5309					5.6					
37+62.79 to 37+84.33	LT	55119					37.9					
37+81.39 to 38+67.53	LT	55135					56.4					
38+64.43 to 38+79.78	LT	25471					26.1					
39+38.56 to 39+62.05	LT	25465					42.2					
42+23.52 to 42+42.43	LT	25446					27.2					
42+83.70 to 42+94.34	LT	5348					5.7					
43+32.52 to 43+43.25	LT	5365					5.7					
45+89.71 to 46+01.84	LT	5382					6.2					
46+40.43 to 46+51.03	LT	5399					5.7					
48+98.49 to 49+09.46	LT	5419					5.8					
49+53.21 to 49+65.07	LT	5437					6.1					
52+11.56 to 52+23.61	LT	5454					6.2					
52+60.29 to 52+72.62	LT	5472					6.3					
55+21.55 to 55+32.61	LT	5490					5.9					
55+70.47 to 55+82.27	LT	5508					6.1					
56+78.93 to 57+62.47	LT	25425					55.8					
58+95.22 to 59+03.03	LT	86285					4.7					
59+27.80 to 59+40.00	LT	85470					6.1					
-0+19.19 to -0+19.19	LT	7307							21.4			
0+24.87 to 0+35.81	LT	7685							19.4			
3+42.68 to 3+51.08	LT	7707							16.4			
3+87.17 to 3+95.07	LT	7712							15.9			
15+62.44 to 15+71.85	LT	7731							17.5			
16+11.47 to 16+22.97	LT	7738							20.2			
19+20.26 to 19+29.09	LT	7761							16.8			
19+67.37 to 19+77.88	LT	7769							18.9			
22+32.02 to 22+39.78	LT	7898							15.7			
22+81.71 to 22+94.03	LT	7904							21.3			
25+47.42 to 25+54.14	LT	7924							14.7			
25+97.14 to 26+11.32	LT	7930							23.5			
28+40.59 to 28+49.98	LT	43853							17.0			
29+10.36 to 29+16.49	LT	7957							12.6			
42+86.62 to 42+94.34	LT	7973							15.7			
SUB-TOTAL:							622.1		267.0			



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REVISIONS						 American Consulting Engineers of Florida, LLC 2041 Vista Parkway, Suite 101 West Palm Beach, Florida 33411 Phone: (561) 253-9550 Fax: (561) 253-9551 Certificate of Authorization No. 9302 Jaime R. Celler, P.E. No. 82194	 CITY OF PORT ST. LUCIE 121 S.W. PORT ST. LUCIE BLVD. PORT ST. LUCIE, FL 34984	SUMMARY OF QUANTITIES	ROAD	COUNTY	SHEET NO.
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION				SE SANDIA DRIVE	ST. LUCIE	SQ-12

SUMMARY OF SIDEWALK & DETECTABLE WARNINGS

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	CONC SIDEWALK 4"		CONC SIDEWALK 6"		DETECTABLE WARNINGS		DESIGN NOTES	CONSTRUCTION REMARKS
					0522 1		0522 2		0527 2			
					SY		SY		SF			
					P	F	P	F	P	F		
43+32.52 to 43+40.36	LT	7978								15.8		
45+92.37 to 46+01.84	LT	7993								17.7		
46+40.43 to 46+48.12	LT	7998								15.7		
49+01.32 to 49+09.46	LT	8015								16.1		
49+53.21 to 49+62.52	LT	8022								17.4		
52+14.13 to 52+23.61	LT	8038								17.7		
52+60.29 to 52+70.35	LT	8043								18.3		
55+24.29 to 55+32.61	LT	8060								16.3		
55+70.45 to 55+79.75	LT	8065								17.4		
58+99.01 to 59+03.03	LT	80585								12.6		
59+27.09 to 59+35.57	LT	80590								16.6		
SUB-TOTAL:										181.6		

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REVISIONS						 American Consulting Engineers of Florida, LLC 2041 Vista Parkway, Suite 101 West Palm Beach, Florida 33411 Phone: (561) 253-9550 Fax: (561) 253-9551 Certificate of Authorization No. 9302 Jaime R. Celler, P.E. No. 82194	 CITY OF PORT ST. LUCIE 121 S.W. PORT ST. LUCIE BLVD. PORT ST. LUCIE, FL 34984	SUMMARY OF QUANTITIES	SHEET NO.		
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION				ROAD	COUNTY	SQ-13
									SE SANDIA DRIVE	ST. LUCIE	

SUMMARY OF PERFORMANCE TURF


LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF (SOD)		DESIGN NOTES	CONSTRUCTION REMARKS
					0570	1 2		
					SY			
					P	F		
-0+16.73 to -0+16.73	LT	51754			0.4			
0+23.96 to 2+86.92	LT	47064			217.3			
0+23.96 to 2+88.92	LT	50569			31.0			
0+32.00 to 2+88.09	LT	47017			198.7			
0+52.76 to 1+42.90	LT	47129			16.6			
2+24.57 to 2+88.97	LT	47115			10.6			
3+04.62 to 3+51.77	LT	50580			6.8			
3+04.74 to 3+23.18	LT	47170			4.7			
3+05.10 to 3+45.81	LT	47140			26.5			
3+06.63 to 3+51.77	LT	47178			27.6			
3+86.65 to 4+27.55	LT	57554			28.9			
3+86.65 to 4+29.55	LT	50691			5.5			
3+91.97 to 4+27.80	LT	47342			23.0			
4+14.83 to 4+29.52	LT	47266			5.4			
4+45.38 to 5+52.40	LT	47349			25.6			
4+45.48 to 5+56.51	LT	50703			14.0			
4+47.13 to 5+56.09	LT	47334			84.1			
4+47.48 to 5+54.50	LT	47360			56.0			
5+54.43 to 5+56.47	LT	50716			1.5			
5+72.26 to 5+74.32	LT	50721			1.5			
5+72.34 to 5+96.45	LT	50726			4.3			
5+72.88 to 5+94.70	LT	47443			14.8			
5+74.29 to 5+94.58	LT	57578			7.4			
5+74.34 to 5+94.45	LT	47433			10.2			
5+94.52 to 5+96.70	LT	50738			1.5			
6+06.22 to 9+16.74	LT	50748			35.3			
6+06.38 to 6+08.56	LT	50743			1.5			
6+07.25 to 9+14.93	LT	47480			242.1			
6+08.22 to 9+16.74	LT	57700			41.1			
6+10.41 to 6+18.21	LT	47460			0.3			
9+03.92 to 9+10.43	LT	47488			0.4			
9+33.41 to 10+35.09	LT	50757			11.3			
9+33.41 to 10+35.12	LT	58056			39.2			
9+34.97 to 10+34.67	LT	47564			75.3			
10+51.08 to 11+04.88	LT	47690			4.4			
10+51.08 to 11+23.94	LT	50820			8.1			
10+51.71 to 11+23.65	LT	47683			52.2			
11+08.22 to 11+23.93	LT	47695			1.6			
11+33.74 to 11+95.29	LT	50825			6.8			
11+33.76 to 11+62.59	LT	47750			3.0			
11+34.27 to 11+93.93	LT	47740			44.5			
11+71.84 to 11+94.99	LT	47746			4.1			
12+11.12 to 12+72.88	LT	50830			6.8			
12+11.13 to 12+72.61	LT	47801			8.8			
12+12.64 to 12+70.95	LT	47795			42.6			
12+90.34 to 13+58.49	LT	58078			17.3			
12+90.95 to 13+58.24	LT	50835			7.5			
SUB-TOTAL:					1478.1			
TOTAL:					7040			

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



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Consulting Engineers of Florida, LLC
2041 Vista Parkway, Suite 101
West Palm Beach, Florida 33411
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Jaime R. Celler, P.E. No. 82194



CITY OF PORT ST. LUCIE
121 S.W. PORT ST. LUCIE BLVD.
PORT ST. LUCIE, FL 34984

ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

SUMMARY OF QUANTITIES

SHEET NO.
SQ-14

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF PERFORMANCE TURF

LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF (SOD)		DESIGN NOTES	CONSTRUCTION REMARKS
					0570	1 2		
					SY			
					P	F		
12+92.96 to 13+56.71	LT	47833				48.2		
13+72.00 to 14+34.33	LT	50840				6.9		
13+72.20 to 14+33.99	LT	47888				7.2		
13+73.82 to 14+31.98	LT	47882				41.9		
14+50.22 to 15+14.10	LT	50845				7.1		
14+50.23 to 15+14.10	LT	47931				4.8		
14+51.60 to 15+14.05	LT	47925				45.9		
15+30.05 to 15+65.96	LT	48041				21.0		
15+30.06 to 15+72.59	LT	50874				4.7		
15+30.06 to 15+72.59	LT	48029				11.7		
16+10.55 to 19+29.79	LT	55474				349.7		
16+10.57 to 19+29.81	LT	50850				35.8		
16+19.21 to 19+23.68	LT	48108				218.8		
16+69.27 to 17+46.20	LT	48085				16.5		
19+66.37 to 20+52.61	LT	50919				9.6		
19+66.37 to 20+52.77	LT	55634				87.9		
19+74.47 to 20+51.36	LT	48271				46.1		
20+68.94 to 21+32.14	LT	56130				75.7		
20+69.20 to 21+31.73	LT	50932				6.9		
20+70.49 to 21+30.94	LT	48454				40.3		
21+56.99 to 21+78.87	LT	56188				14.4		
21+58.16 to 22+40.27	LT	70802				74.3		
21+59.33 to 22+40.27	LT	50939				9.0		
21+61.66 to 22+35.27	LT	48514				42.6		
22+80.84 to 25+54.56	LT	50994				30.4		
22+81.68 to 25+55.42	LT	55750				244.1		
22+89.61 to 25+50.22	LT	48622				180.9		
25+93.39 to 26+95.62	LT	52713				23.3		
25+96.05 to 26+97.77	LT	52783				11.4		
25+96.38 to 26+94.10	LT	55787				18.2		
26+06.37 to 26+95.37	LT	48731				38.9		
26+92.60 to 26+96.49	LT	52822				0.4		
27+10.07 to 27+13.65	LT	52827				0.4		
27+12.53 to 28+45.10	LT	55814				34.2		
27+13.06 to 27+75.01	LT	52798				7.0		
27+15.63 to 27+78.28	LT	52740				18.0		
27+20.01 to 27+60.00	LT	48763				17.5		
27+82.69 to 28+49.64	LT	48777				27.9		
27+85.92 to 28+33.90	LT	51037				5.3		
29+09.47 to 30+00.85	LT	51052				10.1		
29+10.19 to 30+00.85	LT	48808				4.2		
29+16.52 to 30+02.65	LT	70666				67.1		
32+13.74 to 32+82.62	LT	51115				7.7		
32+18.16 to 32+82.44	LT	48891				67.8		
32+24.53 to 32+82.62	LT	48902				1.7		
32+94.27 to 33+54.47	LT	48988				49.1		
32+94.60 to 37+65.52	LT	52858				52.8		
34+32.29 to 37+64.97	LT	55397				146.8		
SUB-TOTAL:						2292.2		

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



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CITY OF PORT ST. LUCIE
121 S.W. PORT ST. LUCIE BLVD.
PORT ST. LUCIE, FL 34984

ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

SUMMARY OF QUANTITIES

SHEET NO.

SQ-15

SUMMARY OF PERFORMANCE TURF


LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF (SOD)		DESIGN NOTES	CONSTRUCTION REMARKS
					0570	1 2		
					SY			
		P	F					
34+51.00 to 37+63.51	LT	56037			202.6			
37+63.44 to 37+65.47	LT	52942			0.7			
37+81.36 to 37+83.37	LT	52937			0.7			
37+81.38 to 38+67.60	LT	52905			11.3			
37+83.10 to 38+65.92	LT	63836			40.1			
37+83.36 to 38+06.67	LT	55432			7.6			
37+83.38 to 38+65.60	LT	52963			42.3			
38+13.42 to 38+67.62	LT	55439			20.1			
38+65.62 to 38+67.62	LT	49308			0.1			
38+77.58 to 38+79.58	LT	49303			0.1			
38+77.59 to 39+42.02	LT	51219			8.9			
38+78.82 to 39+39.84	LT	49332			41.2			
38+79.59 to 39+40.02	LT	49322			34.8			
38+81.60 to 39+37.99	LT	49313			28.7			
39+39.96 to 39+41.97	LT	49368			0.1			
39+57.96 to 39+59.98	LT	49363			0.1			
39+58.07 to 40+59.74	LT	51231			12.1			
39+60.07 to 40+59.53	LT	49342			47.2			
39+60.54 to 40+58.25	LT	49373			67.5			
39+62.02 to 39+70.99	LT	49357			2.1			
40+70.00 to 41+44.34	LT	51241			8.2			
40+70.00 to 41+44.43	LT	56517			32.2			
40+71.51 to 41+42.49	LT	49389			48.9			
41+57.18 to 42+25.34	LT	49405			22.6			
41+57.37 to 42+27.34	LT	53081			8.2			
41+57.46 to 42+27.54	LT	56569			53.8			
41+57.84 to 42+26.31	LT	49398			48.4			
42+39.03 to 42+94.86	LT	53089			6.6			
42+39.30 to 42+58.47	LT	49491			1.2			
42+39.57 to 42+89.70	LT	49517			32.5			
42+41.06 to 42+94.85	LT	56596			36.6			
43+32.00 to 46+02.66	LT	51367			30.0			
43+32.00 to 46+02.66	LT	56615			142.9			
43+37.25 to 45+95.71	LT	51333			184.5			
46+39.92 to 48+53.33	LT	51434			23.7			
46+39.92 to 48+53.33	LT	56634			148.3			
46+45.03 to 48+51.38	LT	49664			154.0			
48+69.57 to 49+10.11	LT	56656			32.5			
48+69.66 to 49+10.11	LT	49719			2.3			
48+69.66 to 49+10.11	LT	51424			4.5			
48+71.65 to 49+04.49	LT	49726			19.5			
49+52.49 to 52+24.38	LT	72464			204.4			
49+52.49 to 52+24.38	LT	51417			30.1			
49+59.07 to 52+17.56	LT	49751			186.6			
52+59.51 to 55+32.61	LT	49813			128.5			
52+59.51 to 55+33.18	LT	51529			30.3			
52+66.62 to 55+27.55	LT	49829			175.8			
52+80.69 to 54+78.47	LT	69381			173.4			
SUB-TOTAL:					2538.8			

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



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CITY OF PORT ST. LUCIE
 121 S.W. PORT ST. LUCIE BLVD.
 PORT ST. LUCIE, FL 34984

ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

SUMMARY OF QUANTITIES

SHEET NO.
SQ-16

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.


SUMMARY OF PERFORMANCE TURF								
LOCATION STA. TO STA.	SIDE	AREA ID	LENGTH	WIDTH	PERFORMANCE TURF (SOD)		DESIGN NOTES	CONSTRUCTION REMARKS
					0570	1 2		
					SY			
		P	F					
55+70.47 to 57+17.70	LT	71506				16.4		
55+76.27 to 59+01.22	LT	80687				228.2		
55+83.16 to 58+93.82	LT	80654				240.1		
56+01.35 to 56+34.10	LT	49903				1.4		
56+01.35 to 58+81.47	LT	56738				218.2		
57+24.46 to 59+03.18	LT	80639				21.2		
59+25.97 to 59+40.00	LT	83608				1.7		
59+26.93 to 59+40.00	LT	83603				1.4		
59+34.12 to 59+40.00	LT	85305				2.3		
SUB-TOTAL:						730.9		

SIGNING AND PAVEMENT MARKINGS: TABULATION OF QUANTITIES																		
PAY ITEM NO.	DESCRIPTION	UNIT	SHEET NUMBERS												TOTAL THIS SHEET		GRAND TOTAL	
			45		46		47		48		49		50		PLAN	FINAL	PLAN	FINAL
			PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL	PLAN	FINAL				
0700 1 11	SINGLE POST SIGN, F&I GROUND MOUNT, UP TO 12 SF	AS			1		1			1		2		5		5		
0700 1 12	SINGLE POST SIGN, F&I GROUND MOUNT, 12-20 SF	AS	5		3		2		1		4		15		15			
0700 1 60	SINGLE POST SIGN, REMOVE	AS	3		4		3		1		5		18		18			
0710 90	PAINTED PAVEMENT MARKINGS (FINAL SURFACE)	LS											1		1			
*	RAISED PAVEMENT MARKERS	EA	20		8		8		4		16		4		60			
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID, 6"	GM	0.043		0.027		0.036		0.091		0.054		0.094		0.345			
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR CROSSWALK 12"	LF	250.1		204.0		308.5		88.6		370.1		58.7		1280.0			
*	PAINTED PAVEMENT MARKINGS, STANDARD, WHITE, SOLID FOR STOP LINE OR CROSSWALK, 24"	LF	62.6		33.0		31.1		14.4		64.0		9.0		214.1			
*	PAINTED PAVEMENT MARKINGS, STANDARD, YELLOW, SOLID, 6"	GM	0.095		0.038		0.038		0.019		0.076		0.019		0.285			
0711 11123	THERMOPLASTIC, STANDARD, WHITE, SOLID, 12" FOR CROSSWALK	LF	250.1		204.0		308.5		88.6		370.1		58.7		1280.0			
0711 11125	THERMOPLASTIC, STANDARD, WHITE, SOLID, 24" FOR STOP LINE AND CROSSWALK	LF	62.6		33.0		31.1		14.4		64.0		9.0		214.1			
0711 14125	THERMOPLASTIC, PREFORMED, WHITE, SOLID, 24" FOR CROSSWALK	LF	217.1		140.7		252.5		60.0		280.0		50.0		1000.3			
0711 16101	THERMOPLASTIC, STANDARD-OTHER SURFACES, WHITE, SOLID, 6"	GM	0.043		0.027		0.036		0.091		0.054		0.007		0.259			
0711 16201	THERMOPLASTIC, STANDARD-OTHER SURFACES, YELLOW, SOLID, 6"	GM	0.095		0.038		0.038		0.019		0.076		0.019		0.285			

REVISIONS					
DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION



American
Consulting Engineers of Florida, LLC
2041 Vista Parkway, Suite 101
West Palm Beach, Florida 33411
Phone: (561) 253-9550 Fax: (561) 253-9551
Certificate of Authorization No. 9302
Jaime R. Celler, P.E. No. 82194



CITY OF PORT ST. LUCIE
121 S.W. PORT ST. LUCIE BLVD.
PORT ST. LUCIE, FL 34984

ROAD	COUNTY
SE SANDIA DRIVE	ST. LUCIE

SUMMARY OF QUANTITIES

SHEET NO.
SQ-17

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