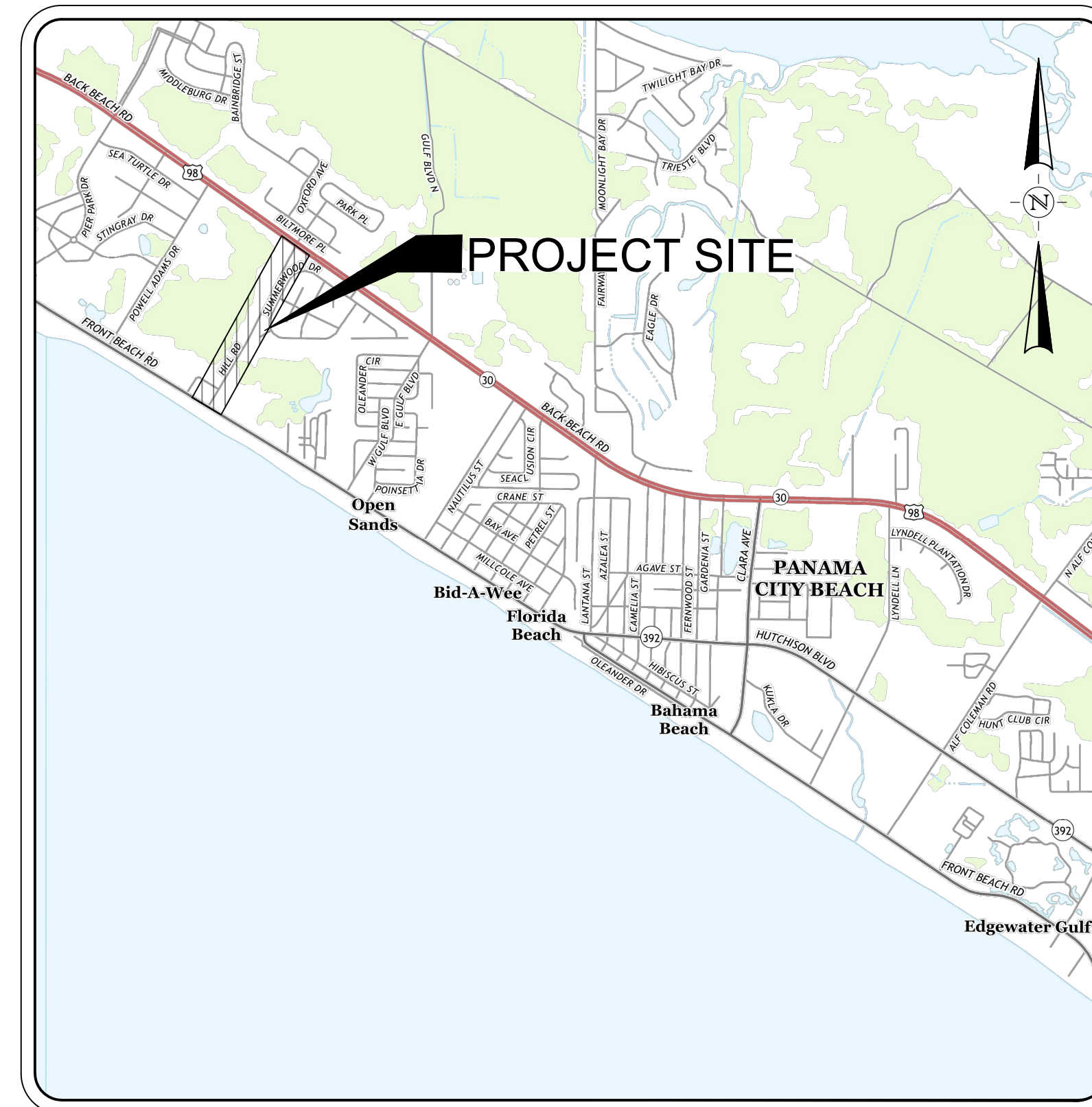


# HILLS ROAD SIDEWALK SIDEWALK ADDITION

FOR  
CITY OF PANAMA CITY BEACH, FLORIDA  
HILLS ROAD, PANAMA CITY BEACH, FLORIDA 32413  
FEBRUARY 2023



LOCATION MAP

NOT TO SCALE

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## SURVEYOR

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AND MAPPING CORPORATION  
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CHIPLEY, FL 32428  
CONTACT: THOMAS MEAD, PSM  
EMAIL: INFO@SOUTHEASTERSURVEYING.COM  
TEL: 850-638-0790

## SURVEYED DATE:

9/28/2022

## BENCHMARK(S):

SEE PLAN SHEETS FOR INFORMATION

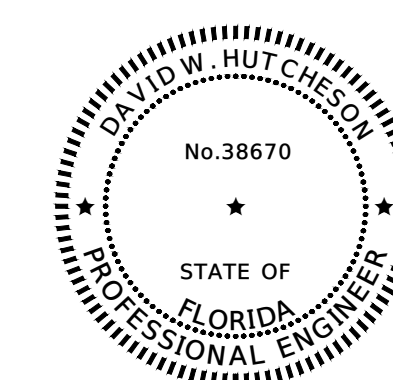
## GOVERNMENT SPECIFICATION/DESIGN GUIDELINES:

FLORIDA DEPARTMENT OF TRANSPORTATION FY 2022-23 STANDARD PLANS AND APPLICABLE DESIGN STANDARDS REVISIONS (DSRs) AT THE FOLLOWING WEBSITE:  
<https://www.fltdot.gov/design/standardplans/current/default.shtm>

FLORIDA DEPARTMENT OF TRANSPORTATION FY 2023-24 STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AT THE FOLLOWING WEBSITE:  
<https://www.fltdot.gov/programmanagement/implemented/specbooks/default.shtm>

STATE OF FLORIDA EROSION AND SEDIMENT CONTROL DESIGNER AND REVIEWER MANUAL, LATEST EDITION:  
<https://www.flrules.org/Gateway/reference.asp?No=Ref-04227>

## PREPARED BY:



THIS ITEM HAS BEEN DIGITALLY SIGNED  
AND SEALED BY DAVID W. HUTCHESON, P.E.  
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## OWNER/CLIENT:



17007 PANAMA CITY BEACH PARKWAY  
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ASSISTANT PUBLIC WORKS DIRECTOR  
OFFICE: (850)233-5100 EXT. 2407



Know what's below.  
Call before you dig.

THE INFORMATION SHOWN ON THESE DRAWINGS INDICATING SIZE, TYPE AND LOCATION OF UNDERGROUND, SURFACE, AND AERIAL UTILITIES IS NOT GUARANTEED TO BE EXACT OR COMPLETE. THE CONTRACTOR SHALL CONTACT THE GEORGETOWN AREA "ONE CALL" SYSTEM AT 1-800-344-8377 (DIG TESS) 48 HOURS PRIOR TO BEGINNING ANY EXCAVATION FOR EXISTING UTILITY LOCATIONS. THE CONTRACTOR SHALL ALSO BE FULLY RESPONSIBLE FOR FIELD VERIFYING LOCATIONS AND ELEVATIONS OF ALL EXISTING UTILITIES AFFECTED BY CONSTRUCTION FOR THIS PROJECT IN ORDER TO AVOID DAMAGING THOSE UTILITIES, AND SHALL IMMEDIATELY ARRANGE FOR REPAIR AND RESTORATION OF CONTRACTOR-DAMAGED UTILITIES TO THE UTILITY COMPANY'S APPROVAL AT THE EXPENSE OF THE CONTRACTOR.

**SWPPP NOTES:**

- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING AN NPDES CONSTRUCTION PERMIT PRIOR TO CONSTRUCTION ACTIVITIES AND FOR COMPLIANCE WITH ALL STATE, LOCAL, AND FEDERAL PERMITS RELATED TO THIS PROJECT.
- THE EROSION CONTROL MEASURES SET FORTH IN THESE PLANS ARE INTENDED AS MINIMUM STANDARDS. ALL EROSION CONTROL REQUIRED SHALL BE IN ACCORDANCE WITH THE STORMWATER POLLUTION PREVENTION PLAN (SWPPP). CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF ALL EXPOSED AREAS, COST OF WHICH SHALL BE INCIDENTAL TO THE PROJECT.
- PRIOR TO THE REQUIRED PRE-CONSTRUCTION MEETING, CONTRACTOR SHALL PROVIDE IN WRITING THE NAME AND TELEPHONE NUMBER OF THE STORMWATER CONTROL OFFICER TO THE OWNER, THE OWNER'S DESIGNATED REPRESENTATIVE, CITY OF PANAMA CITY BEACH GROWTH MANAGEMENT, AND FDEP. THE OFFICER SHALL BE CERTIFIED UNDER THE FLORIDA STORMWATER, EROSION AND SEDIMENTATION CONTROL INSPECTOR TRAINING PROGRAM AND SHALL BE AVAILABLE IN PERSON OR BY PHONE AT ALL TIMES DURING CONSTRUCTION.
- THE STORMWATER CONTROL OFFICER SHALL BE RESPONSIBLE FOR CONTINUALLY MONITORING WEATHER CONDITIONS AND EVALUATE THE EFFECTIVENESS OF THE CONTROL MEASURES THROUGHOUT ALL PHASES OF CONSTRUCTION.
- AS CONSTRUCTION PROGRESSES, THE STORMWATER CONTROL OFFICER SHALL MAKE ADJUSTMENTS AND/OR INSTALL ADDITIONAL MEASURES TO PREVENT DIRECT FLOW OR TRACKING OF SEDIMENTS ONTO ADJACENT PROPERTY, CONSERVATION AREAS, PUBLIC STREETS OR DRAINAGE SYSTEMS.
- ANY SEDIMENTS, GRAVEL OR MUD SPILLED, DROPPED, WASHED, OR TRACKED FROM VEHICLES ONTO ADJACENT PROPERTY, ROADWAYS OR INTO STORM DRAINAGE SYSTEMS SHALL BE RECOVERED AND DISPOSED OF PROPERLY.
- TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES SHALL BE PLACED ADJACENT TO ANY WATERWAY OR DRAINAGE FEATURE PRIOR TO CONSTRUCTION AND REMAIN IN PLACE UNTIL CONSTRUCTION OF THE FEATURE IS COMPLETE AND ALL AREAS ARE SUITABLY STABILIZED.
- CONTRACTOR SHALL REVISE THE SWPPP WITHIN SEVEN (7) CALENDAR DAYS FOLLOWING AN INSPECTION WHEN ADDITIONS AND/OR MODIFICATIONS TO BEST MANAGEMENT PRACTICES (BMPs) ARE NECESSARY TO CORRECT OBSERVED PROBLEMS. REVISIONS SHALL OCCUR WHENEVER:
  - A CHANGE IN THE DESIGN, CONSTRUCTION, OPERATION OR MAINTENANCE AT THE CONSTRUCTION SITE HAS A SIGNIFICANT EFFECT ON THE DISCHARGE OF POLLUTANTS TO THE WATERS OF THE UNITED STATES NOT PREVIOUSLY ADDRESSED IN THE DOCUMENT.
  - DISCHARGES ARE CAUSING WATER QUALITY EXCEEDANCES, AS DEFINED BY THE EPA, OR THE BMPs ARE INEFFECTIVE IN MINIMIZING POLLUTANTS IN STORMWATER DISCHARGING FROM THE CONSTRUCTION SITE.
- EROSION CONTROL MEASURES SHALL REMAIN IN PLACE AT LOCATIONS SHOWN IN THE PLANS OR AS REQUIRED UNTIL CONSTRUCTION IS COMPLETED, SOILS ARE STABILIZED AND VEGETATION HAS BEEN ESTABLISHED. ALL EROSION CONTROL MEASURES ARE THEN TO BE REMOVED UPON APPROVAL BY THE CITY OF PANAMA CITY BEACH ENVIRONMENTAL INSPECTOR.
- EROSION CONTROL ITEMS ARE ESTIMATED FOR PREVENTION, CONTROL, ABATEMENT OF EROSION, SEDIMENTATION AND WATER POLLUTION. THESE ITEMS ARE TO BE USED AT LOCATIONS DESCRIBED IN THE APPROVED SWPPP OR AS DIRECTED BY THE OWNER OR THE OWNER'S DESIGNATED REPRESENTATIVE TO COMPLY WITH ALL FEDERAL, STATE, AND LOCAL REGULATIONS.
- SWEEPING THE PERIMETER ROADS SHALL BE REQUIRED AS NEEDED TO REMOVE ANY DEBRIS OR SEDIMENT AS A RESULT OF PROJECT ACTIVITIES, AS PER THE CITY OF PANAMA CITY BEACH ENVIRONMENTAL INSPECTOR OR FDEP'S COMPLIANCE AND ENFORCEMENT OFFICER.
- ADDITIONAL SEDIMENT AND EROSION CONTROL MEASURES MAY BE REQUIRED DURING ANY PHASE OF DEVELOPMENT, AT THE DISCRETION OF THE CITY OF PANAMA CITY BEACH ENVIRONMENTAL INSPECTOR OR FDEP'S COMPLIANCE AND ENFORCEMENT OFFICER.
- CONTRACTOR SHALL NOT BRING ANY HAZARDOUS MATERIALS ONTO THE PROJECT SITE. SHOULD CONTRACTOR REQUIRE SUCH FOR PERFORMING THE CONTRACTED WORK, CONTRACTOR SHALL REQUEST, IN WRITING, WRITTEN PERMISSION FROM THE OWNER OR THE OWNER'S DESIGNATED REPRESENTATIVE. CONTRACTOR SHALL PROVIDE THE OWNER OR THE OWNER'S DESIGNATED REPRESENTATIVE WITH A COPY OF THE MATERIAL SAFETY DATA SHEET (MSDS) FOR EACH HAZARDOUS MATERIAL PROPOSED FOR USE. SINCE STATE LAW DOES NOT TREAT PETROLEUM PRODUCTS THAT ARE PROPERLY CONTAINERIZED AND INTENDED FOR EQUIPMENT USE AS A HAZARDOUS MATERIAL, SUCH PRODUCTS DO NOT NEED THE MSDS MANAGEMENT PERMIT. ANY KNOWN OR SUSPECTED HAZARDOUS MATERIAL FOUND ON THE PROJECT BY CONTRACTOR SHALL BE IMMEDIATELY REPORTED TO THE OWNER OR THE OWNER'S DESIGNATED REPRESENTATIVE AND WHO SHALL PROTECT THE AREA OF KNOWN OR SUSPECTED CONTAMINATION FROM FURTHER ACCESS. THE OWNER OR THE OWNER'S DESIGNATED REPRESENTATIVE WILL ARRANGE FOR INVESTIGATION, IDENTIFICATION, AND REMEDIATION OF THE HAZARDOUS MATERIAL. CONTRACTOR SHALL NOT RETURN TO THE AREA OF CONTAMINATION UNTIL APPROVAL IS PROVIDED BY THE OWNER OR THE OWNER'S DESIGNATED REPRESENTATIVE.
- ALL SOD MATERIALS SHALL BE SUBJECT TO INSPECTION PRIOR TO PLACEMENT. ANY SOD WITH NOXIOUS WEEDS AND GRASSES SHALL BE REJECTED FOR USE ON THE PROJECT. CONTRACTOR SHALL FURNISH THE OWNER OR THE OWNER'S DESIGNATED REPRESENTATIVE, PRIOR TO INCORPORATION INTO THE PROJECT, A CERTIFICATION FROM THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICE DIVISION OF PLANT INDUSTRY, STATING THAT THE SOD, HAY, STRAW, AND MULCH MATERIALS ARE FREE OF NOXIOUS WEEDS.
- EQUIPMENT MAINTENANCE AND REPAIR SHALL BE LIMITED TO ONE AREA OF THE PROJECT. AN ADEQUATE NUMBER OF WASTE DISPOSAL RECEPTACLES FOR LIQUID AND SOLID WASTE SHALL BE PROVIDED. WASTE SHALL BE DISPOSED OF PROPERLY OFF-SITE. THE MAINTENANCE AREAS SHALL BE INSPECTED AND CLEANED DAILY. CARE SHALL BE TAKEN THAT ANY OILS, GASOLINE, GREASE, SOLVENTS, AND OTHER POTENTIAL POLLUTANTS SHALL NOT BE WASHED OFFSITE, EITHER DIRECTLY OR INDIRECTLY, THROUGH THE STORMWATER CONVEYANCE SYSTEMS.
- WASTE COLLECTION AND DISPOSAL - A SUFFICIENT NUMBER OF WASTE AND TRASH RECEPTACLES SHALL BE PROVIDED AT ALL TIMES. RECEPTACLES AND OTHER WASTE COLLECTION AREAS SHALL BE KEPT NEAT AND ORDERLY. TRASH CANS AND DUMPSTERS SHALL HAVE COVERS TO PREVENT THE ENTRANCE OF RAINFALL. ALL WASTE MATERIALS SHALL BE COLLECTED WEEKLY AT A MINIMUM AND DISPOSED AT A SUITABLE LANDFILL. TRASH COLLECTION POINTS SHALL BE LOCATED WHERE THEY WILL BE LEAST IMPACTED BY CONCENTRATED STORMWATER RUNOFF.
- DEMOLITION AND ACCESS AREAS - DUST CONTROL TECHNIQUES SHALL BE USED DURING DEMOLITION WHERE LARGE AMOUNTS OF DUST ARE GENERATED. IF WATER OR SLURRY IS USED TO CONTROL DUST, IT SHALL BE RETAINED ON THE SITE.
- WASHING AREAS - AN AREA SHALL BE DESIGNATED BY THE CONTRACTOR FOR WASHING VEHICLES AND WILL BE LOCATED WHERE THE WASH WATER WILL SPREAD OUT AND EVAPORATE OR INFILTRATE DIRECTLY INTO THE GROUND OR WHERE THE RUNOFF CAN BE COLLECTED IN A TEMPORARY HOLDING OR SEEPAGE BASIN. WASH AREAS SHALL HAVE GRAVEL BASES TO MINIMIZE MUD GENERATION.
- STORAGE OF CONSTRUCTION MATERIALS - AN ISOLATED AREA SHALL BE DESIGNATED TO STORE CHEMICALS, CEMENTS, SOLVENTS, PAINTS, OR OTHER POTENTIAL WATER POLLUTANTS. THE AREA SHALL BE SO LOCATED AS TO ELIMINATE RUNOFF POLLUTION. TOXIC CHEMICALS AND MATERIALS, SUCH AS PESTICIDES, PAINTS, AND ACIDS SHALL BE STORED ACCORDING TO THE MANUFACTURER'S GUIDELINES. CARE SHALL BE TAKEN IN THE USE OF THESE MATERIALS TO AVOID ACCIDENTAL SPILLS. GROUNDWATER RESOURCES SHALL BE PROTECTED BY THE USE OF PLASTIC MATS, TAR PAPER OR OTHER IMPERVIOUS MATERIALS ON ANY GROUND SURFACE WHERE TOXIC LIQUIDS ARE TO BE OPENED AND STORED.
- SANITARY FACILITIES - ADEQUATE SANITARY FACILITIES SHALL BE PROVIDED DURING ALL CONSTRUCTION PHASES FOR WORKERS ACCORDING TO APPLICABLE HEALTH AND SAFETY PRACTICES AND REGULATIONS.
- ALL DISTURBED AREAS TO BE LEFT IDLE LONGER THAN 14 DAYS MUST BE STABILIZED WITH QUICK GROW GRASS SEED AND MULCH.
- ADDITIONAL SEDIMENT AND EROSION CONTROL MEASURES MAY BE REQUIRED, DURING ANY PHASE OF THE DEVELOPMENT, AT THE DISCRETION OF THE CITY OF PANAMA CITY BEACH'S ENVIRONMENTAL INSPECTOR.
- NO TRENCHING OR EXCAVATION SHALL BE ALLOWED WITHIN THE CPZ OF PROTECTED TREES, EXCEPT WHERE DEBITS OR AN ARBORICULTURAL MITIGATION PLAN HAVE BEEN NOTED ON THE PLANS.

**GENERAL CONSTRUCTION NOTES:**

- ALL WORK PERFORMED SHALL COMPLY WITH THE REGULATIONS AND ORDINANCES OF THE VARIOUS GOVERNMENTAL AGENCIES HAVING JURISDICTION OVER THE WORK AND SHALL CONFORM TO THE MINIMUM STANDARDS SET FORTH BY THE CITY OF PANAMA CITY BEACH.
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO BECOME FAMILIAR WITH ALL THE PERMIT AND INSPECTION REQUIREMENTS SPECIFIED BY THE VARIOUS GOVERNMENTAL AGENCIES AND THE ENGINEER. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS PRIOR TO CONSTRUCTION AND SCHEDULE INSPECTIONS ACCORDING TO AGENCY INSTRUCTIONS.
- THE CONTRACTOR SHALL, PRIOR TO ANY CONSTRUCTION ACTIVITY, SPONSOR A PRE- CONSTRUCTION MEETING WITH ALL PERMITTING AGENCIES INVOLVED, INCLUDING FDOT, THE CITY OF PANAMA CITY BEACH, HALFF, AND UTILITY OWNERS WHOSE SYSTEMS ARE WITHIN THE LIMITS OF CONSTRUCTION.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING THE CITY WITH A LOCATION FOR STAGING PRIOR TO COMMENCEMENT OF CONSTRUCTION.
- THE CONTRACTOR SHALL CHECK PLANS FOR CONFLICTS AND DISCREPANCIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY CONFLICTS BEFORE PERFORMING WORK IN THE AFFECTED AREA.
- THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE TO EXISTING FACILITIES, INCLUDING IRRIGATION, ABOVE OR BELOW GROUND, THAT MAY OCCUR AS A RESULT OF THE WORK PERFORMED BY THE CONTRACTOR CALLED FOR IN THIS CONTRACT.
- ALL SUBSURFACE CONSTRUCTION SHALL COMPLY WITH THE "TRENCH SAFETY ACT", CHAPTER 553, PART III, FLORIDA STATUTES. THE CONTRACTOR SHALL INSURE THAT THE METHOD OF TRENCH PROTECTION AND CONSTRUCTION IS IN COMPLIANCE WITH THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA) REGULATION.
- PRIOR TO INSTALLATION, THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS ON ALL PRE-CAST MATERIALS AND MANUFACTURED ITEMS TO THE ENGINEER FOR APPROVAL. FAILURE TO OBTAIN APPROVAL BEFORE INSTALLATION MAY RESULT IN REMOVAL AND REPLACEMENT AT CONTRACTOR'S EXPENSE.
- IF THE CONTRACTOR PROPOSES ANY MODIFICATION TO THESE PLANS OR STANDARDS, CONTRACTOR SHALL SUBMIT, SIGNED AND SEALED BY A PROFESSIONAL ENGINEER, DRAWINGS AND CALCULATIONS, DEMONSTRATING THE PROPOSED MODIFICATION WILL MEET THE REQUIREMENTS OF THE CONTRACT, REFERRED STANDARDS AND PERMITTING AGENCIES.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ESTABLISH THE FOLLOWING IN THE FIELD: EASEMENTS, RIGHT OF WAY LINES, BENCHMARKS (ELEVATIONS), COORDINATES, CENTER LINES AND STATIONING AS MAY BE REQUIRED TO CONSTRUCT THE PROJECT.
- ALL CONSTRUCTION DEBRIS AND OTHER WASTE MATERIAL SHALL BE DISPOSED OF OFF-SITE IN ACCORDANCE WITH APPLICABLE REGULATORY AGENCY REQUIREMENTS.
- ALL EXISTING ITEMS SHOWN IN THE PLANS ARE TO REMAIN UNLESS OTHERWISE DENOTED.
- WHERE PROPOSED CURBING, ROADS, AND SIDEWALKS TIE INTO EXISTING CURBING, ROADS, AND SIDEWALKS, THE TIE IN POINT IS TO MATCH EXISTING.

**PAVING AND GRADING NOTES:**

- ALL ROADWAY WORK SHALL BE PERFORMED IN ACCORDANCE WITH FDOT "STANDARD PLANS FOR ROAD CONSTRUCTION" CURRENT EDITION.
- ALL DELETERIOUS SUBSURFACE MATERIAL (I.E. MULCH, PEAT, BURIED DEBRIS) IS TO BE EXCAVATED IN ACCORDANCE WITH THESE PLANS OR AS DIRECTED BY THE OWNER, THE ENGINEER, OR REPRESENTATIVE FROM THE SOIL TESTING COMPANY. DELETERIOUS MATERIAL IS TO BE STOCKPILED OR REMOVED FROM THE SITE AS DIRECTED BY THE OWNER REPRESENTATIVE. EXCAVATED AREAS ARE TO BE BACKFILLED WITH APPROVED MATERIALS AND COMPACTED AS SHOWN ON THESE PLANS AND IN ACCORDANCE WITH THE SOILS REPORT. CONTRACTOR WILL ALSO REFER TO FDOT SPECIFICATIONS FOR FILL MATERIAL. CONTRACTOR IS RESPONSIBLE FOR ACQUIRING ANY PERMITS THAT ARE NECESSARY FOR REMOVING DELETERIOUS MATERIAL FROM THE SITE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING EXCAVATIONS AGAINST COLLAPSE AND SHALL PROVIDE BRACING, SHEETING OR SHORING AS NECESSARY. DEWATERING METHODS SHALL BE USED AS REQUIRED TO KEEP TRENCHES DRY WHILE PIPE AND APPURTENANCES ARE BEING PLACED.
- ALL NECESSARY FILL AND EMBANKMENT, THAT IS PLACED DURING CONSTRUCTION, SHALL CONSIST OF MATERIAL SPECIFIED BY THE SOIL TESTING COMPANY OR ENGINEER AND BE PLACED AND COMPACTED ACCORDING TO THESE PLANS OR THE REFERENCED SOIL REPORTS.
- PROPOSED SPOT ELEVATIONS REPRESENT FINISHED PAVEMENT OR GROUND SURFACE GRADE UNLESS OTHERWISE NOTED ON THE DRAWINGS.
- CONTRACTOR SHALL TRIM, TACK AND MATCH EXISTING PAVEMENT AT LOCATIONS WHERE NEW PAVEMENT MEETS EXISTING PAVEMENT.
- CONTRACTOR TO PROVIDE A 1/2" TO 1" BITUMINOUS EXPANSION JOINT MATERIAL WITH SEALER AT ABUTMENT OF CONCRETE AND OTHER MATERIALS (BUILDING, OTHER POURED CONCRETE, ETC.).
- ALL PAVEMENT MARKINGS INSIDE CITY R.O.W. SHALL BE THERMOPLASTIC, ALL OTHER PAVEMENT MARKING SHALL BE MADE WITH PERMANENT PAINT U.N.O. AND ALL PAVEMENT MARKINGS SHALL CONFORM TO FDOT STANDARD PLANS 711-001.
- ALL UNDERGROUND UTILITIES MUST BE IN PLACE AND TESTED OR INSPECTED PRIOR TO BASE AND SURFACE CONSTRUCTION.
- ALL WORKMANSHIP AND MATERIALS USED IN THE CONSTRUCTION OF THIS PROJECT SHALL CONFORM TO FDOT "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", CURRENT EDITION, AND THE LATEST CITY OF PANAMA CITY BEACH STANDARDS, UNLESS OTHERWISE INDICATED. THE MORE STRINGENT SHALL BE APPLICABLE.
- EXISTING SIGNAGE THAT WILL BE AFFECTED BY CONSTRUCTION WILL BE RELOCATED DURING CONSTRUCTION AND KEPT VISIBLE AT ALL TIMES.
- THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH AN INDEPENDENT TESTING COMPANY TO VERIFY COMPACTION. UPON COMPLETION OF THE WORK, SOILS ENGINEER WILL SUBMIT CERTIFICATIONS TO OWNER AND THE ENGINEER STATING THAT ALL REQUIREMENTS HAVE BEEN MET.

**EXISTING FACILITIES:**

- INFORMATION SHOWN ON THE PLANS CONCERNING THE TYPE, SIZE, AND LOCATION OF WATER AND WASTEWATER UTILITIES IS BASED ON THE CITY'S UTILITY RECORDS AND TOPOGRAPHIC SURVEYS PROVIDED BY THE OWNER. THE PLANS MAY NOT SHOW ALL UTILITIES (ACTIVE OR INACTIVE) WITHIN THE PROJECT LIMITS, OR THAT UTILITIES ARE ACTUALLY IN THE HORIZONTAL OR VERTICAL POSITIONS SHOWN ON THE PLANS. DETERMINE THE TYPE, SIZE, AND LOCATION OF UNDERGROUND UTILITIES TO ESTABLISH THEIR LOCATIONS AND TO AVOID DAMAGE TO OTHER UTILITIES. CALL 811 (SUNSHINE ONE CALL OF FLORIDA) AT LEAST TWO FULL BUSINESS DAYS BEFORE EXCAVATING TO HAVE UNDERGROUND UTILITIES MARKED.
- EXISTING WATER AND WASTEWATER MAINS SHALL REMAIN IN-PLACE UNLESS OTHERWISE INDICATED IN THE PLANS TO BE REMOVED. WHERE AN EXISTING WATER OR WASTEWATER MAIN IS INDICATED IN THE PLANS TO BE "PLACED OUT-OF-SERVICE", THE CONTRACTOR, ADJUST EXISTING CAST IRON MANHOLE RINGS AND VALVE BOXES TO MATCH FINAL GRADES IN ACCORDANCE WITH THE WATER VALVE AND MANHOLE ADJUSTMENT DETAIL SHOWN IN THE PLANS. THE CITY WILL FURNISH NEW CASTING UNITS TO REPLACE THE ONES THAT WERE DISCOVERED TO BE BROKEN, BY NO FAULT OF THE CONTRACTOR.
- ALL DRIVEWAYS AND ADJACENT ROADWAYS/STREETS TO REMAIN OPEN DURING CONSTRUCTION. PROVIDE PROPER FLAGGING AND MAINTENANCE OF TRAFFIC WHEN WORKING CLOSE TO THE TRAVEL LANES.

**AS-BUILT RECORD DRAWINGS:**

- PREPARE AND SUBMIT TO THE ENGINEER FOR APPROVAL, FINAL RECORD DRAWINGS DEPICTING THE AS-BUILT CONDITIONS AS REQUIRED BY THE CITY OF PANAMA CITY BEACH PERMIT CLOSEOUT CHECKLIST. NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK AND IT SHALL BE CONSIDERED INCIDENTAL TO OTHER PAY ITEMS IN THE CONTRACT.
- AS-BUILT CONDITIONS MEANS LOCATING BOTH HORIZONTALLY AND VERTICALLY ALL CONSTRUCTED IMPROVEMENTS ON THE SITE AND IDENTIFYING ELEVATIONS BY DEVELOPING CONTOURS AND SPOT ELEVATIONS TO DEMONSTRATE COMPLIANCE WITH DESIGN DRAWINGS.
- CONTRACTOR IS TO PROVIDE SIX (6) AS-BUILT DRAWINGS AND ASSOCIATED ELECTRONIC FILES IN DWG AND PDF FORMAT.
- CONTRACTOR SHALL ALSO PROVIDE A FINAL AS-BUILT SURVEY (SIGNED AND SEALED BY A FLORIDA PROFESSIONAL SURVEYOR AND MAPPER, IN ACCORDANCE WITH THE CITY OF PANAMA CITY BEACH MINIMUM TECHNICAL STANDARDS.

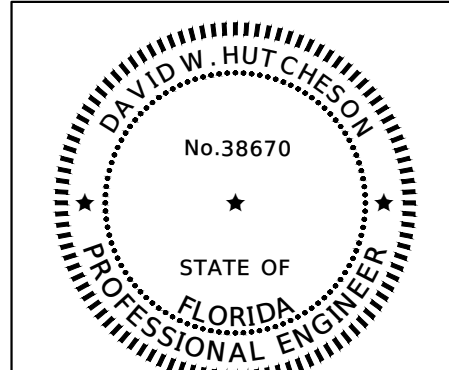
HILLS ROAD SIDEWALK  
HILLS ROAD  
PANAMA CITY BEACH, FL



**HALFF**  
FL CA 83380 FL LC 26000645 FL LB 8348  
HALFF ASSOCIATES, INC.  
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REVISION NO.	DATE	DESCRIPTION

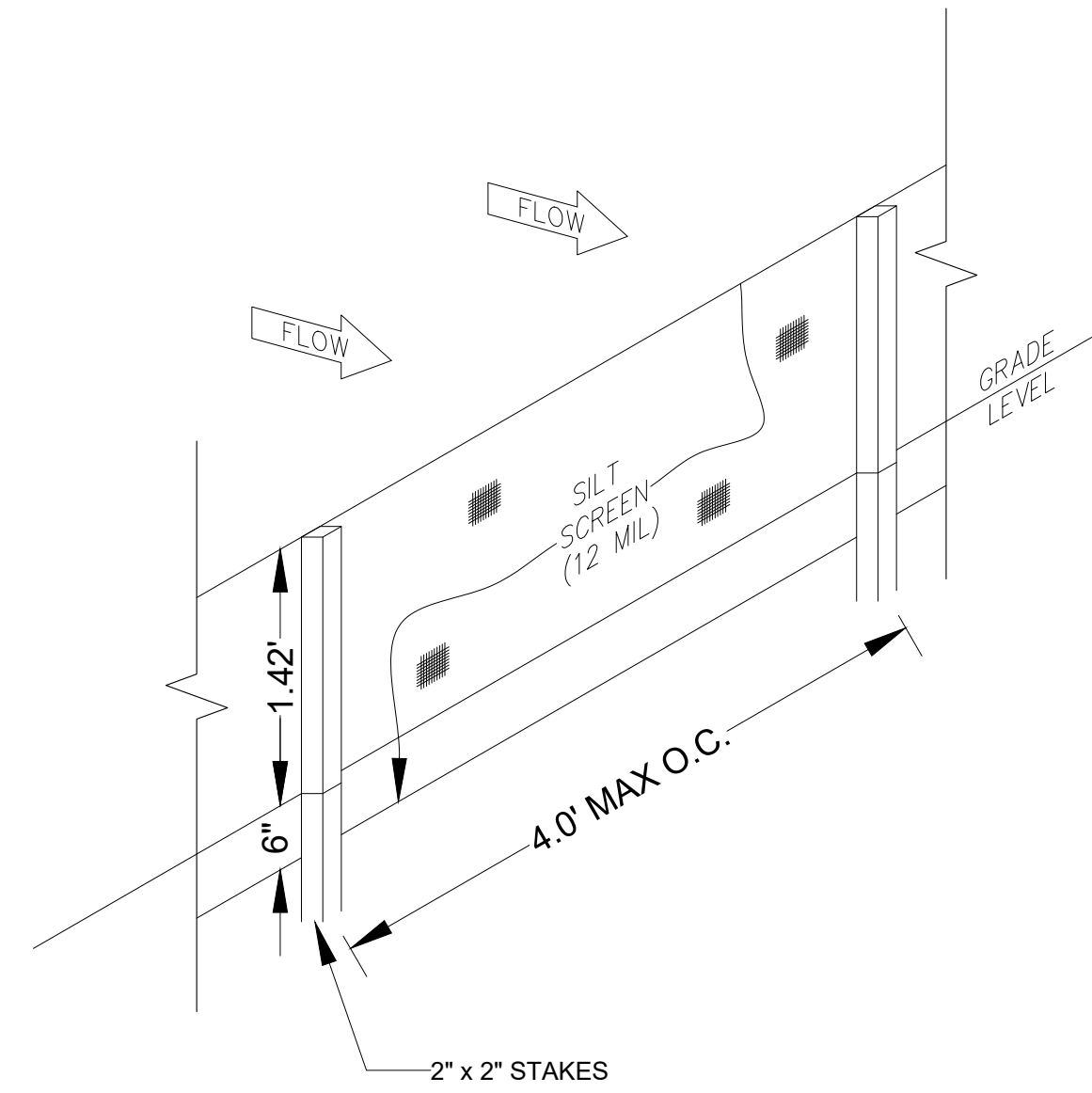
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CONSTRUCTION



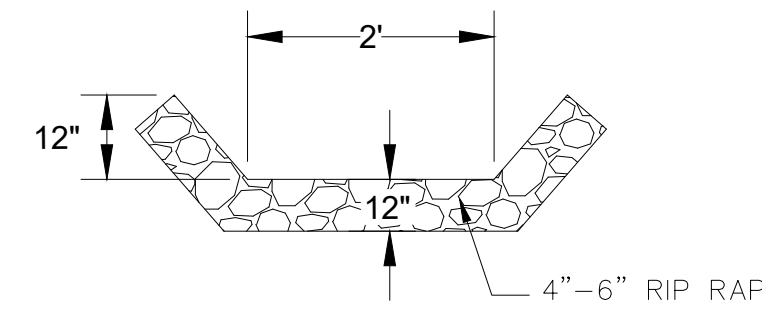
DAVID W. HUTCHESON, P.E. 38670  
NAME: P.E. NO.  
DATE: 02/15/2023  
FL CA 33380 FL LC 26000645 FL LB 8348

PROJECT NO.: 46278.001  
ISSUED: 02/15/2023  
DRAWN BY: SRW  
CHECKED BY: DWH  
SCALE: NTS  
SHEET TITLE

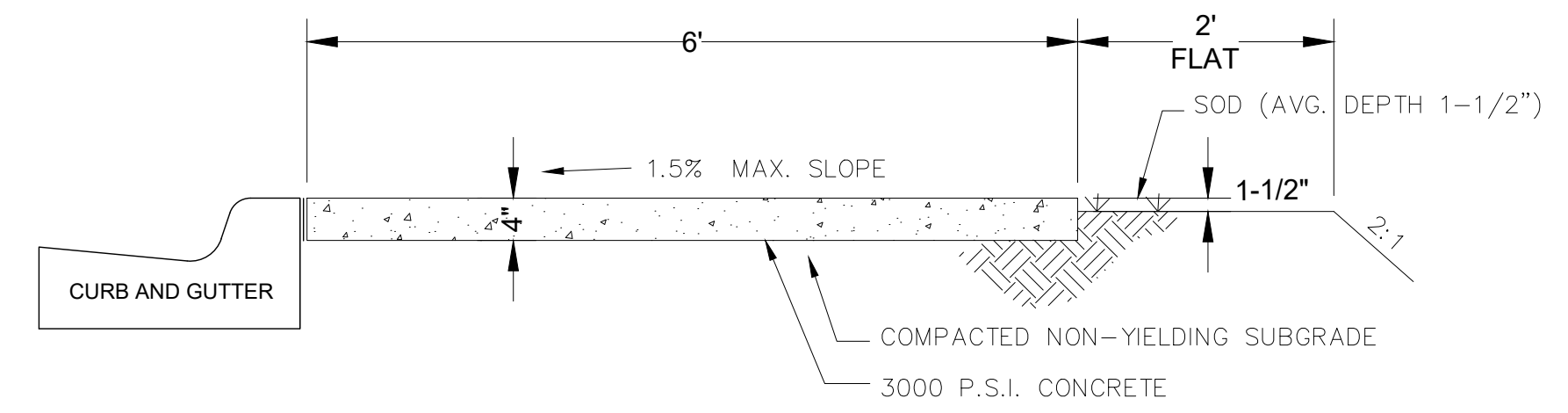
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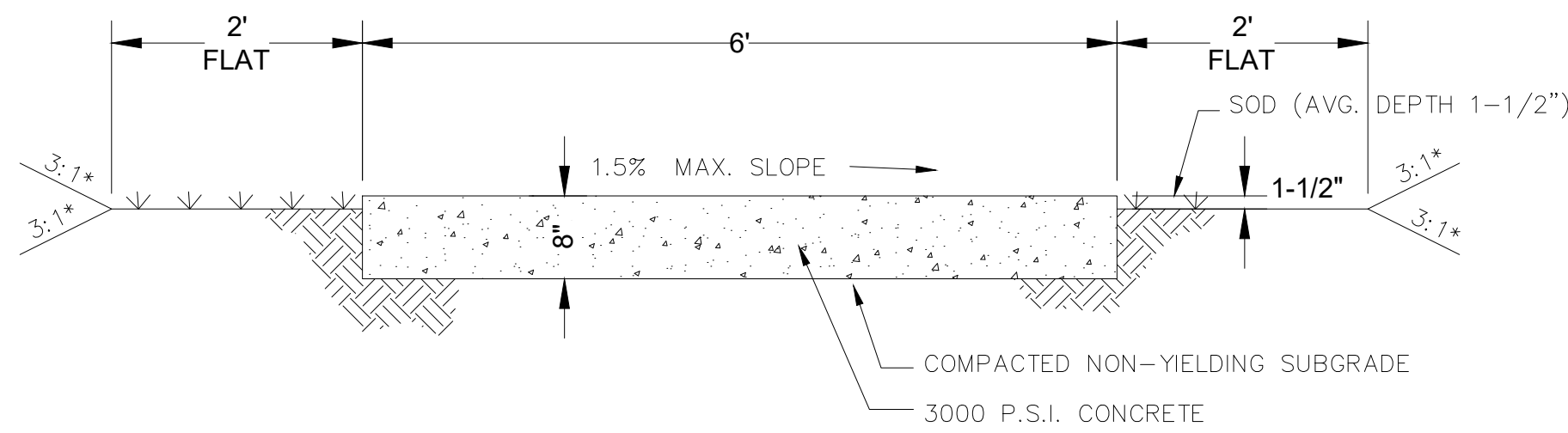
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N.T.S.



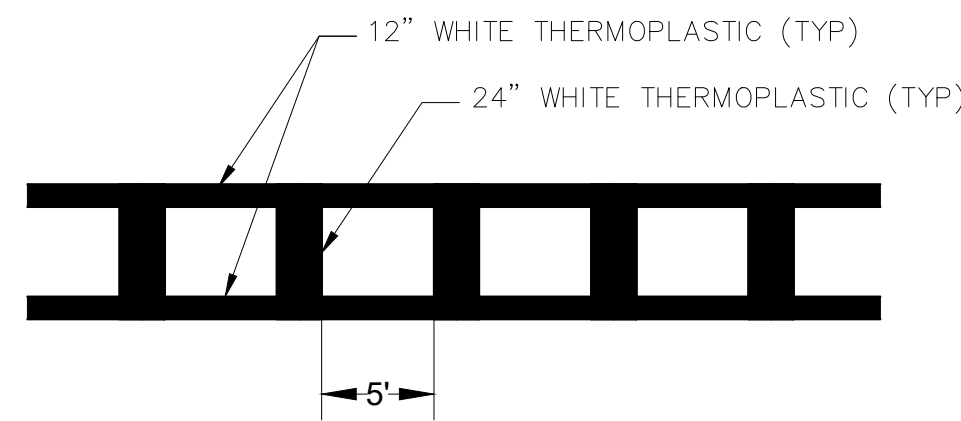
**RIP RAP FLUME DETAIL**  
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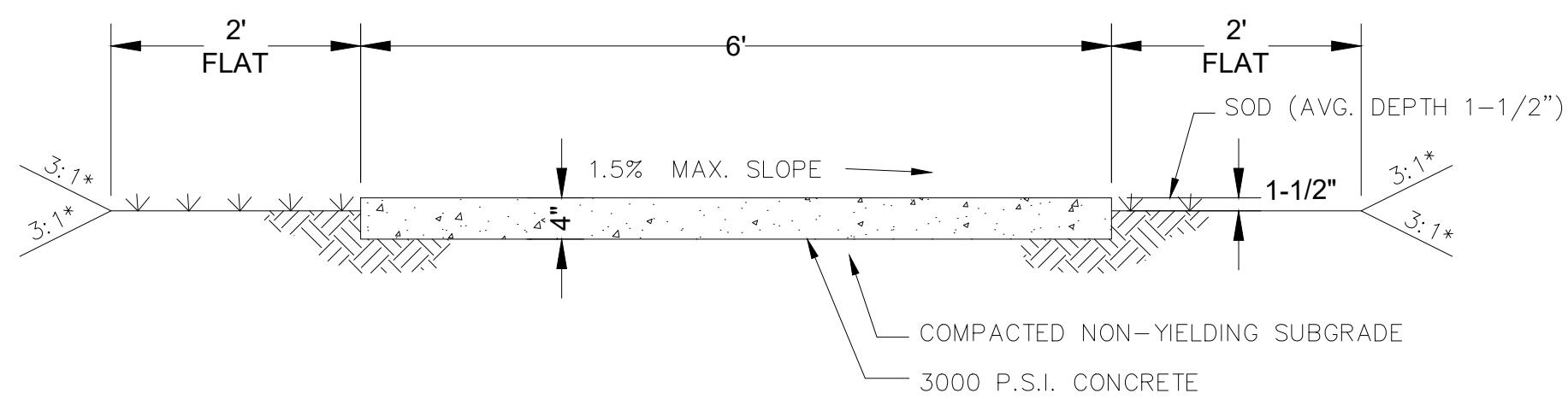
**TYPICAL CONCRETE SIDEWALK DETAIL  
ADJACENT TO CURB AND GUTTER**  
N.T.S.



**TYPICAL 8" CONCRETE SIDEWALK DETAIL**  
N.T.S.



**SPECIAL EMPHASIS  
CROSSWALK STRIPING DETAIL**  
N.T.S.

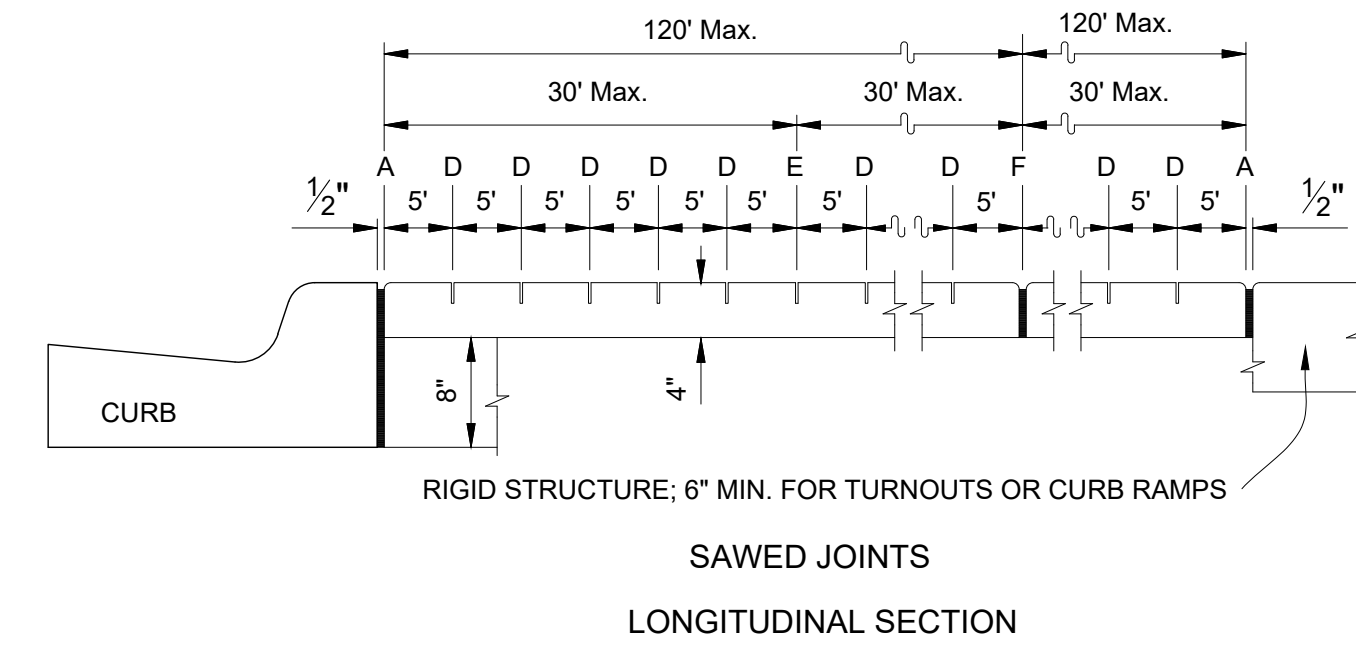
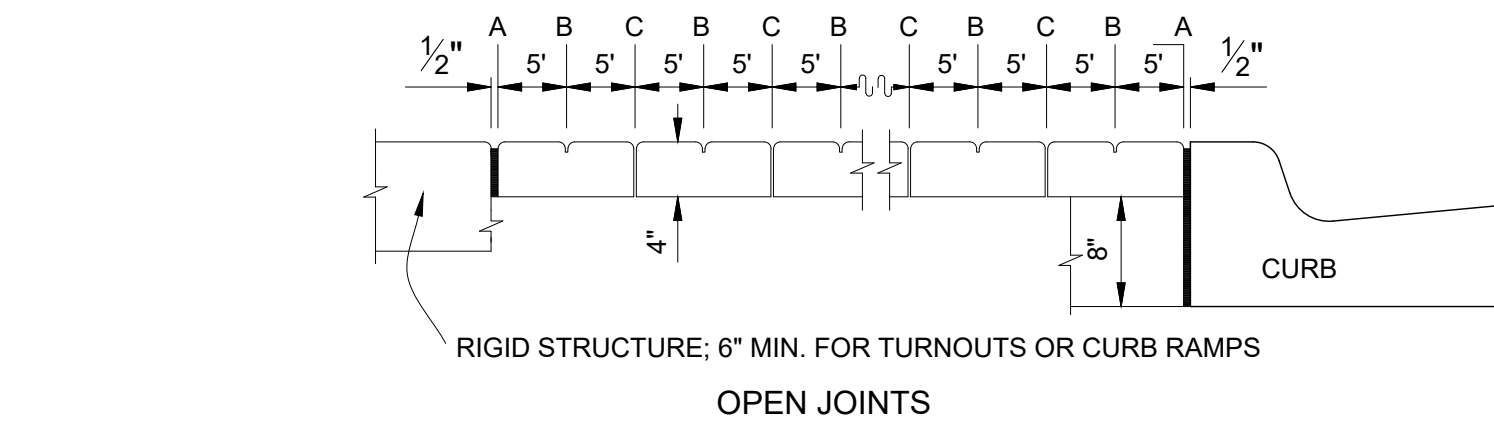


**TYPICAL 4" CONCRETE SIDEWALK DETAIL**  
N.T.S.

**SIDEWALK NOTES:**

1. ALL SIDEWALKS SHALL BE CONSTRUCTED PER FDOT STANDARD PLAN INDEX 522-001.
  2. ALL SIDEWALKS SHALL BE INSTALLED A MINIMUM OF 1' CLEAR FROM POWER POLES.
  3. ALL DISTURBED AREAS TO BE SODDED.
  4. ALL SLOPES STEEPER THAN 3:1 SHALL BE PINNED.
  5. CONTRACTOR SHALL WATER SOD FREQUENTLY TO ESTABLISH THE ROOT SYSTEM.
  6. SEE CROSS SECTIONS FOR LAYOUT INFORMATION AND SLOPE REQUIREMENTS.
- \* SLOPE IS 3:1 UNLESS OTHERWISE NOTED ON CROSS SECTION

NOTE: REFER TO FDOT STANDARD PLANS  
INDEX 711-001 FOR ADDITIONAL DETAILS



**LEGEND:**

- A- 1/2" EXPANSION JOINTS (PREFORMED JOINT FILLER)
- B- 1/8" DUMMY JOINTS, TOOLED
- C- 1/8" FORMED OPEN JOINTS
- D- 3/16" SAW CUT JOINTS, 1/2" DEEP (WITHIN 96 HOURS) MAX. 5' CENTERS
- E- 3/16" SAW CUT JOINTS, 1/2" DEEP (WITHIN 12 HOURS) MAX. 30' CENTERS  
JOINT(S) REQUIRED WHEN LENGTH EXCEEDS 30'
- F- 1/2" EXPANSION JOINT WHEN RUN OF SIDEWALK EXCEEDS 120'. INTERMEDIATE  
LOCATIONS WHEN CALLED FOR IN THE PLANS OR AT LOCATIONS AS DIRECTED BY  
THE ENGINEER.
- G- COLD JOINT WITH BOND BREAKER, TOOLED

NOTE: REFER TO FDOT STANDARD PLANS  
INDEX 522-001 FOR ADDITIONAL DETAILS

**SIDEWALK JOINTS DETAIL**  
N.T.S.

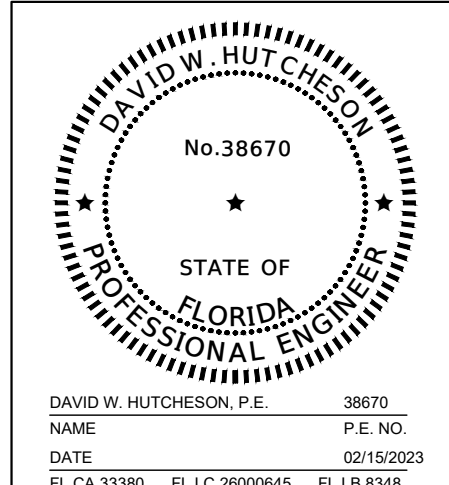
HILLS ROAD SIDEWALK  
HILLS ROAD  
PANAMA CITY BEACH, FL



**HALFF**  
FL CA 33380 FL LC 26000645 FL LB 8348  
HALFF ASSOCIATES, INC. SUITE 200  
2255 KILLEARN CENTER BLVD.  
PANAMA CITY BEACH, FL 32413  
TEL: (850) 224-4460 WWW.HALFF.COM

REVISION NO.	DATE	DESCRIPTION

**ISSUED FOR  
CONSTRUCTION**

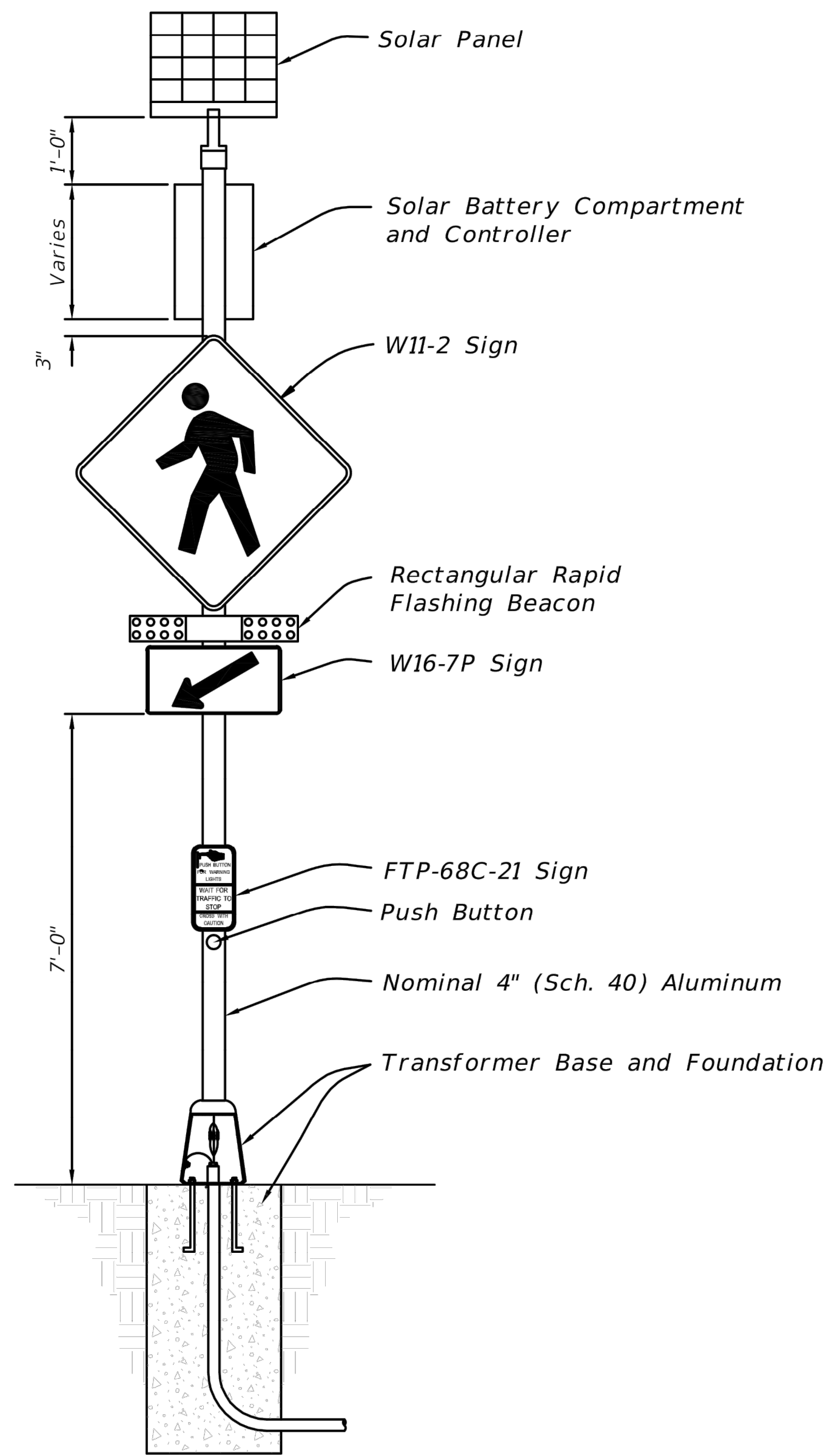


PROJECT NO.:	46278.001
ISSUED:	02/15/2023
DRAWN BY:	SRW
CHECKED BY:	DWH
SCALE:	NTS
SHEET TITLE:	GENERAL DETAILS
<b>3</b>	SHEET NUMBER 3 OF 11

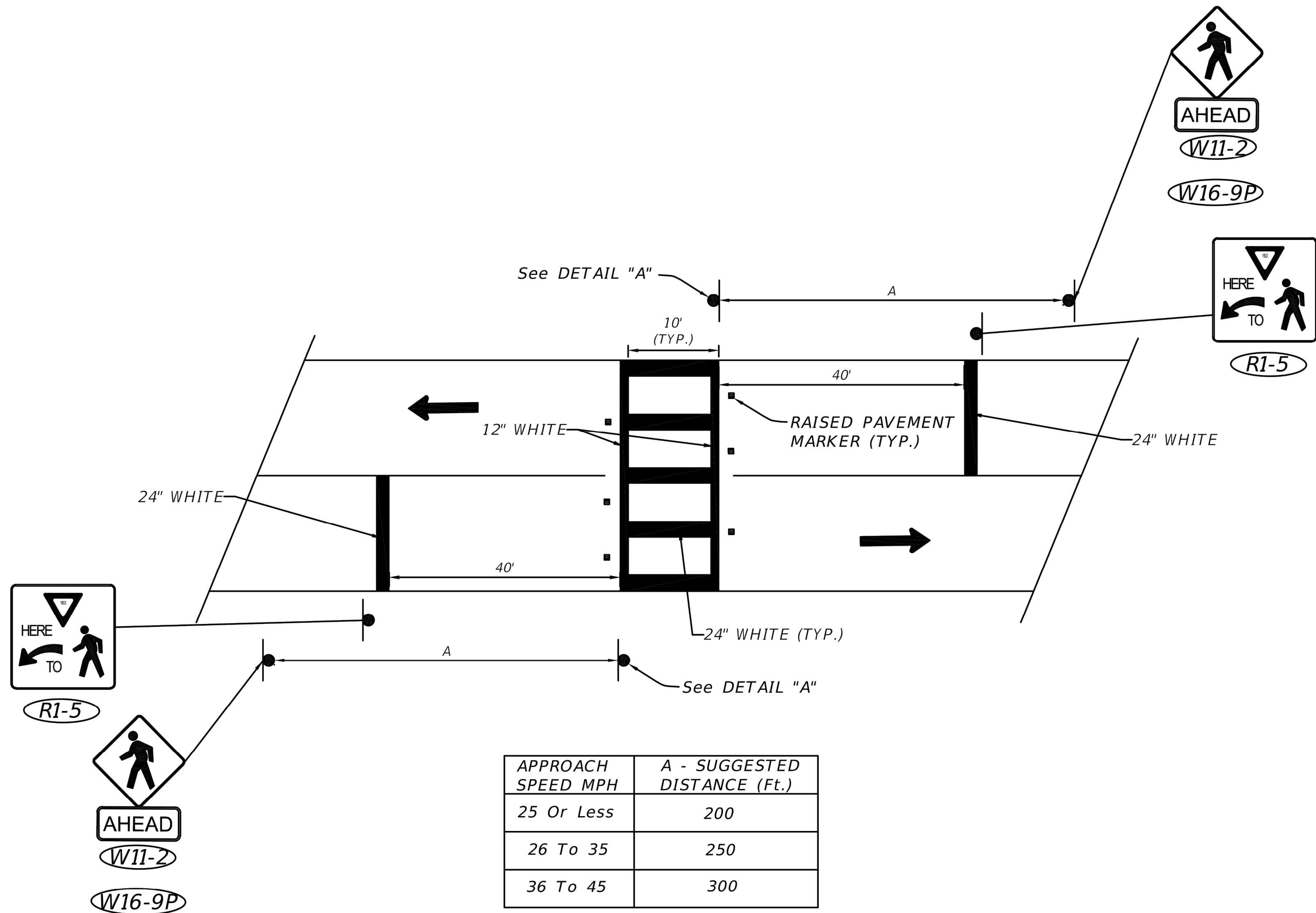
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FILE NAME: I:\46000\46278\001\CADD\Sheets\1446278.001\_LAYOUT.dwg DATE: February 15, 2023, TIME: 9:13 AM, USER: ah5014, AVO: 46278.001



DETAIL "A"



**HILLS ROAD SIDEWALK**  
HILLS ROAD  
PANAMA CITY BEACH, FL

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HALFF ASSOCIATES, INC. SUITE 200  
2255 KILLEARN CENTER BLVD. SUITE 400  
PANAMA CITY BEACH, FL 32413  
TEL: (850) 224-4460 WWW.HALFF.COM

REVISION NO.	DATE	DESCRIPTION

**ISSUED FOR CONSTRUCTION**

DAVID W. HUTCHESON, P.E. 38670  
NAME: HUTCHESON P.E. NO.  
DATE: 02/15/2023  
FL CA 33380 FL LC 26000645 FL LB 8348

PROJECT NO.: 46278.001  
ISSUED: 02/15/2023  
DRAWN BY: SRW  
CHECKED BY: DWH  
SCALE: NTS  
SHEET TITLE: MID-BLOCK CROSSWALK DETAIL  
4  
SHEET NUMBER 4 OF 11

REVISIONS			
DATE	DESCRIPTION	DATE	DESCRIPTION

**CITY OF PANAMA CITY BEACH**

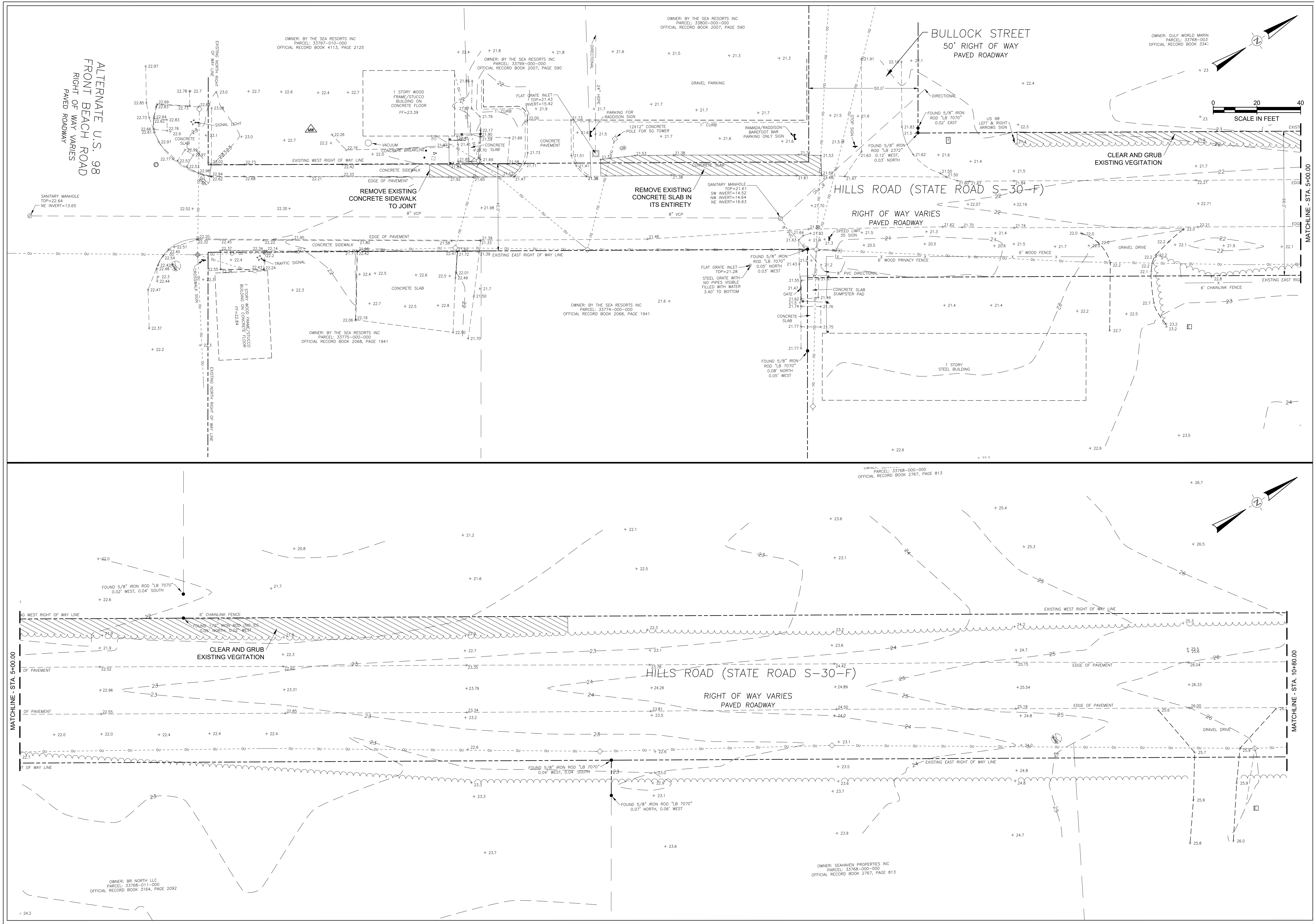
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	BAY	

**MID-BLOCK CROSSWALK TYPICAL DETAIL**

SHEET NO.

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FILE NAME: I:\4600048278\001\CADD\Sheets\146278.001\_LAYOUT.dwg DATE: February 15, 2023, TIME: 9:13 AM, USER: ah5014, AVO: 46278.001



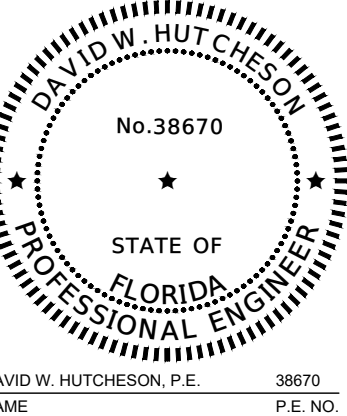
**HILLS ROAD SIDEWALK**  
HILLS ROAD  
PANAMA CITY BEACH, FL



**HALFF**  
FL CA 33380, FL LC 26000645, FL LB 8348  
HALFF ASSOCIATES, INC. SUITE 200  
2255 KILLBURN CENTER BLVD.  
PANAMA CITY BEACH, FL 32413  
TEL: (850) 224-4460 WWW.HALFF.COM

REVISION NO.	DATE	DESCRIPTION

**ISSUED FOR CONSTRUCTION**

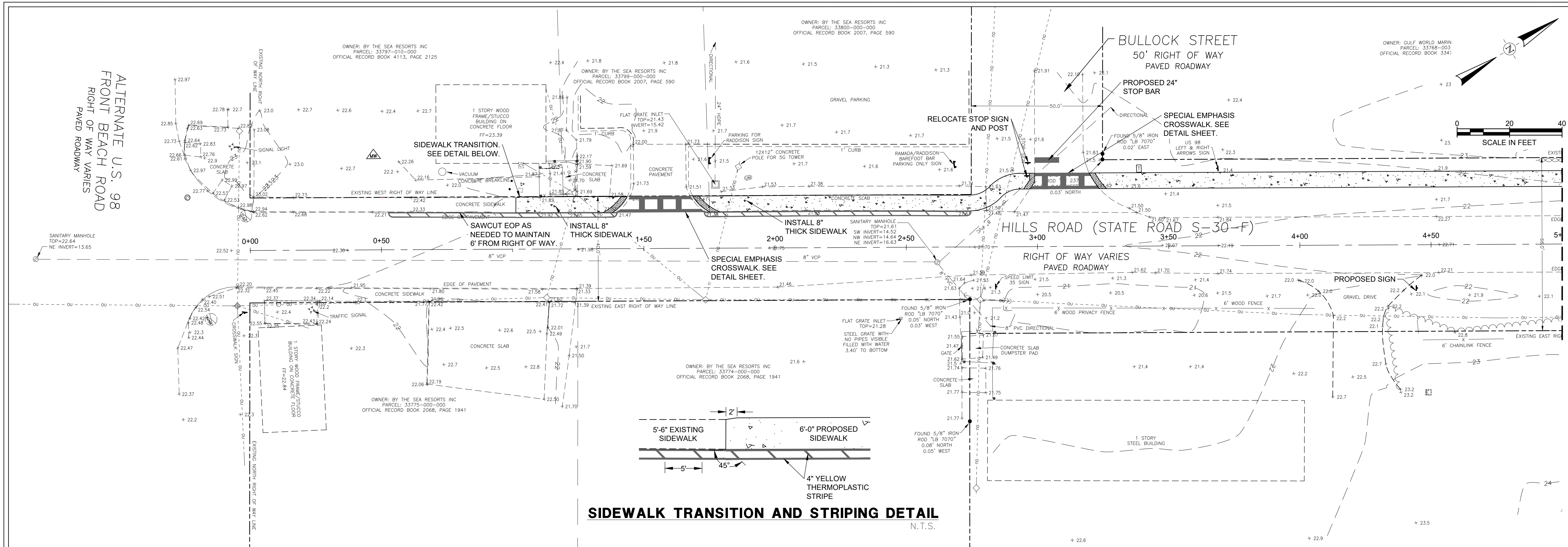


DAVID W. HUTCHESON, P.E.  
No. 38670  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER

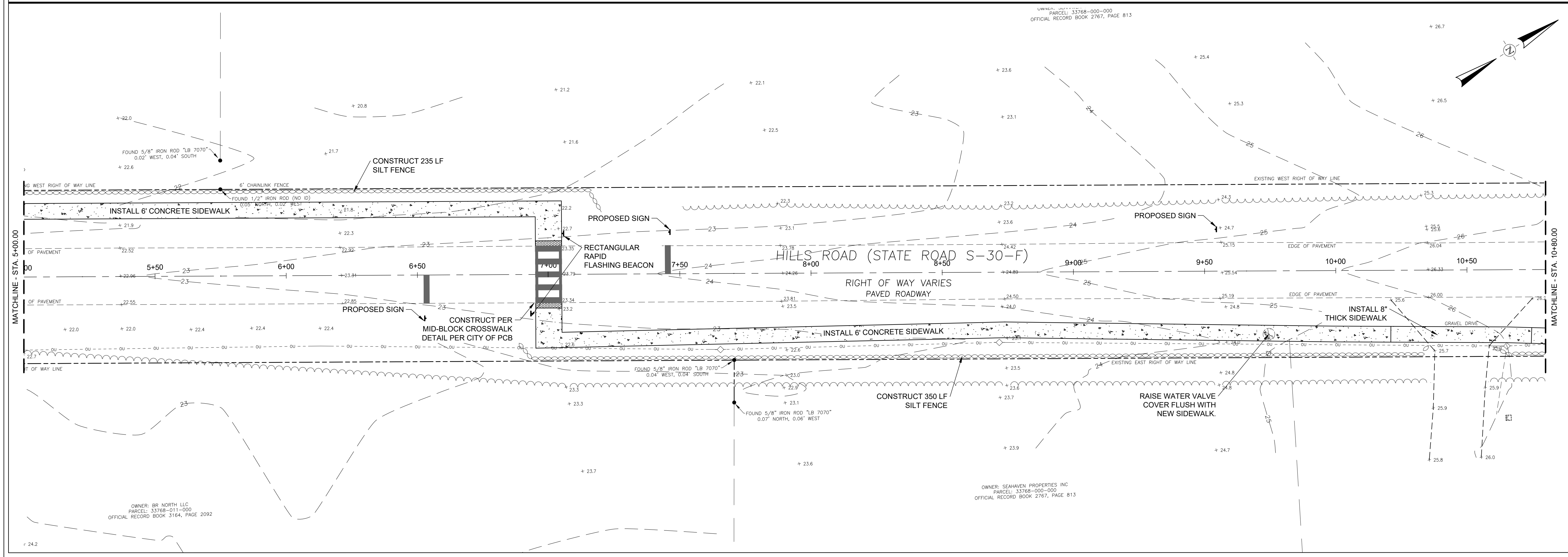
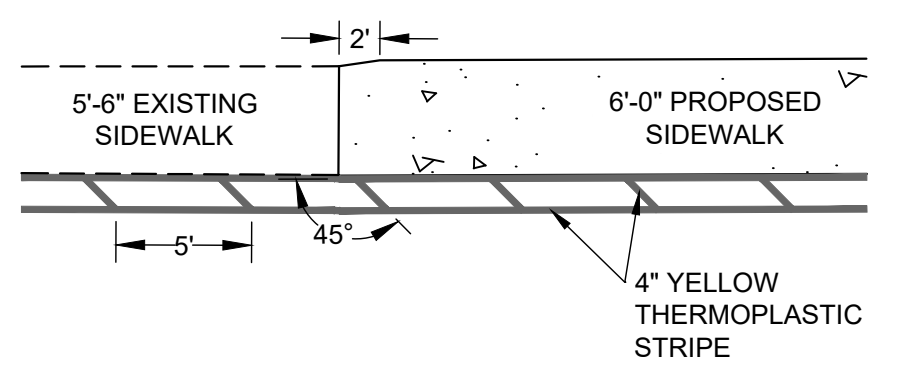
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ISSUED:	02/15/2023
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CHECKED BY:	DWH
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SHEET TITLE	<b>DEMOLITION PLAN</b>
SHEET NUMBER	<b>5</b> OF 11

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FILE NAME: I:\4600048278\001\CADD\Sheets\146278.001\_LAYOUT.dwg DATE: February 15, 2023, TIME: 9:13 AM, USER: ah5014, AVO: 46278.001



**SIDEWALK TRANSITION AND STRIPING DETAIL**  
N.T.S.



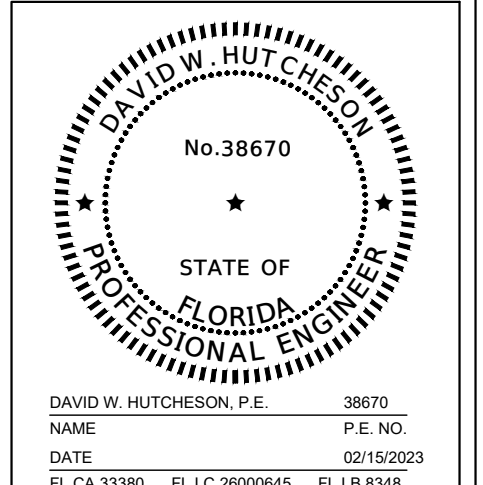
**HILLS ROAD SIDEWALK**  
HILLS ROAD  
PANAMA CITY BEACH, FL



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PANAMA CITY BEACH, FL 32413  
TEL: (850) 224-4460 WWW.HALFF.COM

REVISION NO.	DATE	DESCRIPTION

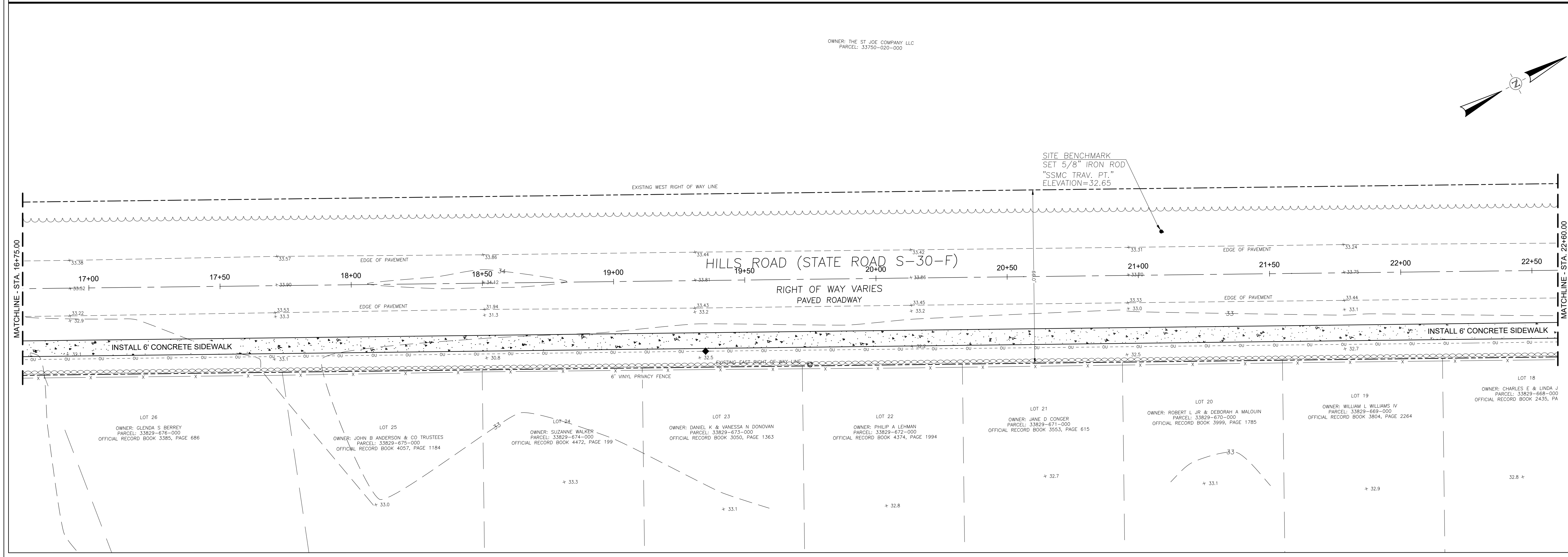
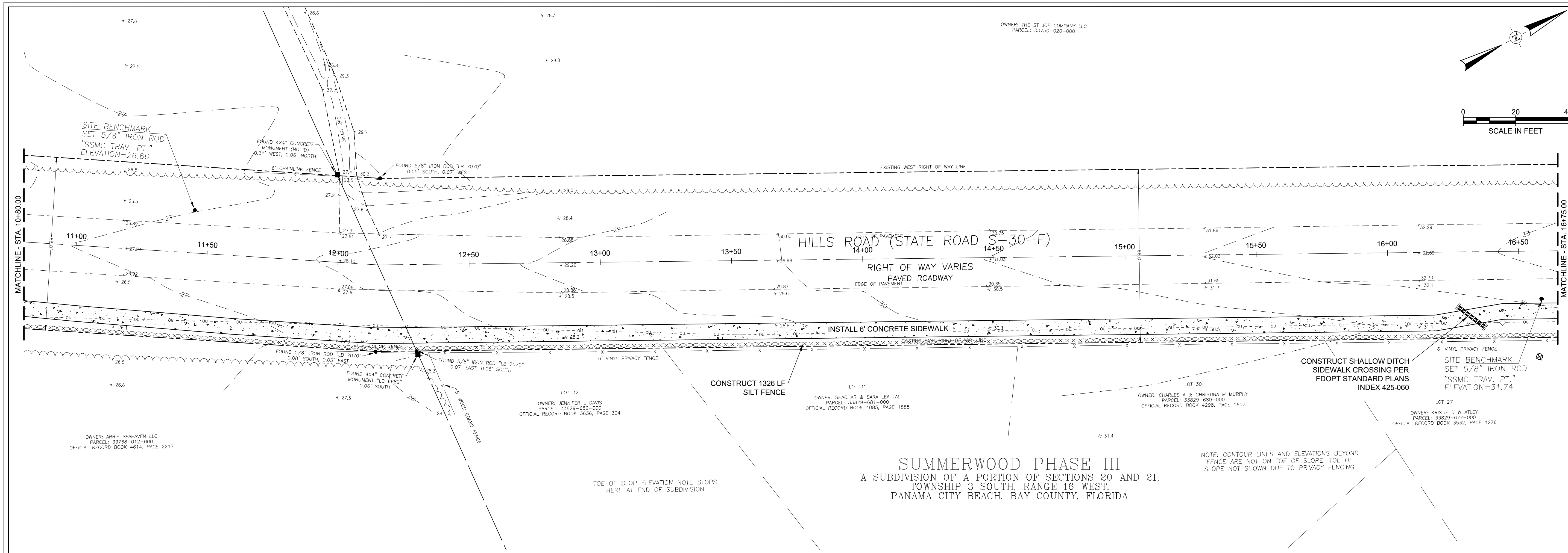
**ISSUED FOR CONSTRUCTION**




PROJECT NO.: 46278.001  
ISSUED: 02/15/2023  
DRAWN BY: SRW  
CHECKED BY: DWH  
SCALE: 1"=20'  
SHEET TITLE  
**SIDEWALK PLAN**  
6  
SHEET NUMBER 6 OF 11

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**HILLS ROAD SIDEWALK**  
 HILLS ROAD  
 PANAMA CITY BEACH, FL



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REVISION NO.	DATE	DESCRIPTION

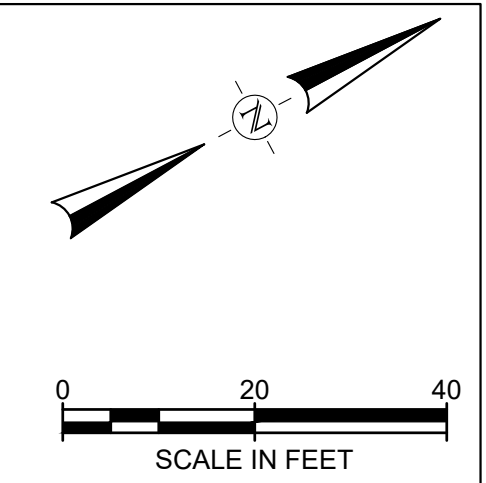
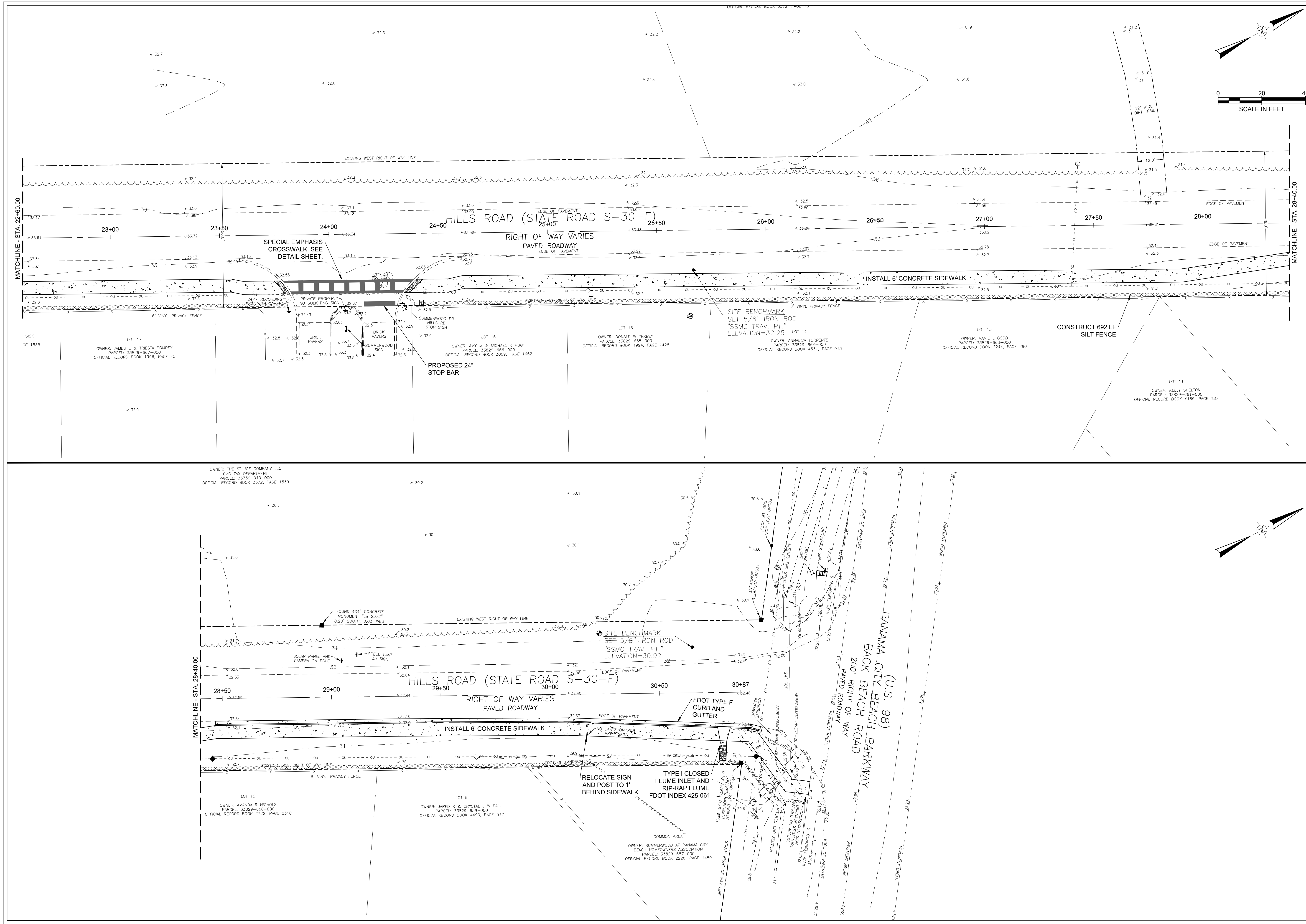
**ISSUED FOR CONSTRUCTION**

DAVID W. HUTCHESON  
 No. 38670  
 STATE OF FLORIDA  
 PROFESSIONAL ENGINEER

PROJECT NO.: 46278.001  
 ISSUED: 02/15/2023  
 DRAWN BY: SRW  
 CHECKED BY: DWH  
 SCALE: 1"=20'  
 SHEET TITLE  
**SIDEWALK PLAN**  
 7  
 SHEET NUMBER 7 OF 11

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**HILLS ROAD SIDEWALK**  
HILLS ROAD  
PANAMA CITY BEACH, FL

**HALFF**  
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HALFF ASSOCIATES, INC. SUITE 200  
2255 KILLEARN CENTER BLVD.  
PANAMA CITY BEACH, FL 32413  
TEL: (850) 224-4465 WWW.HALFF.COM

REVISION NO.	DATE	DESCRIPTION

**ISSUED FOR CONSTRUCTION**

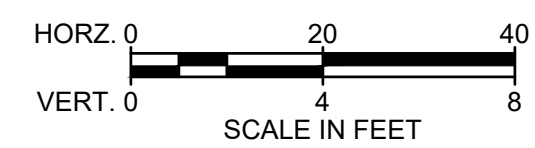
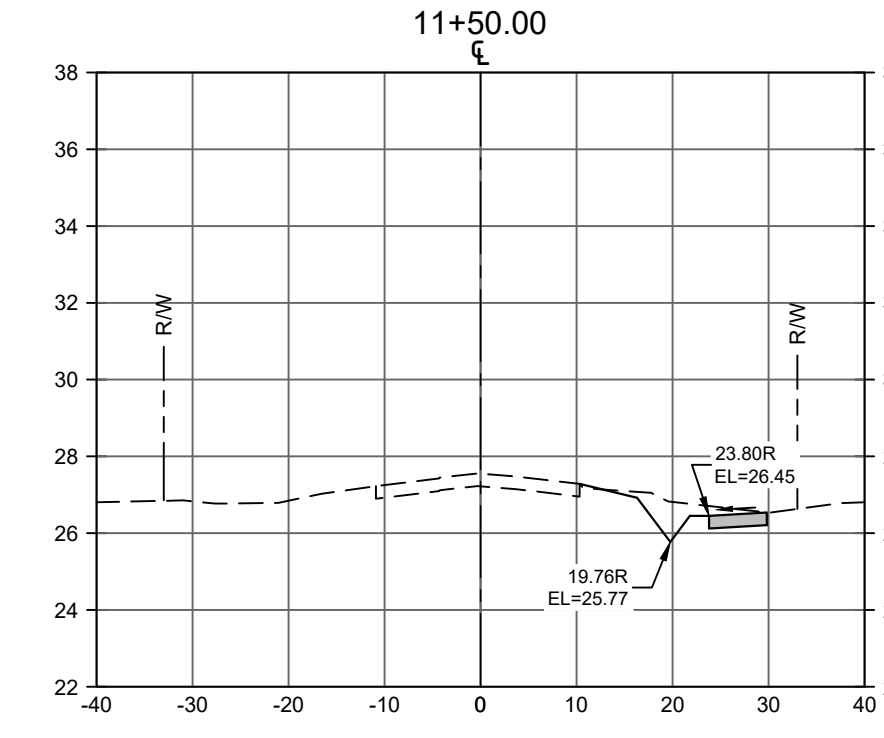
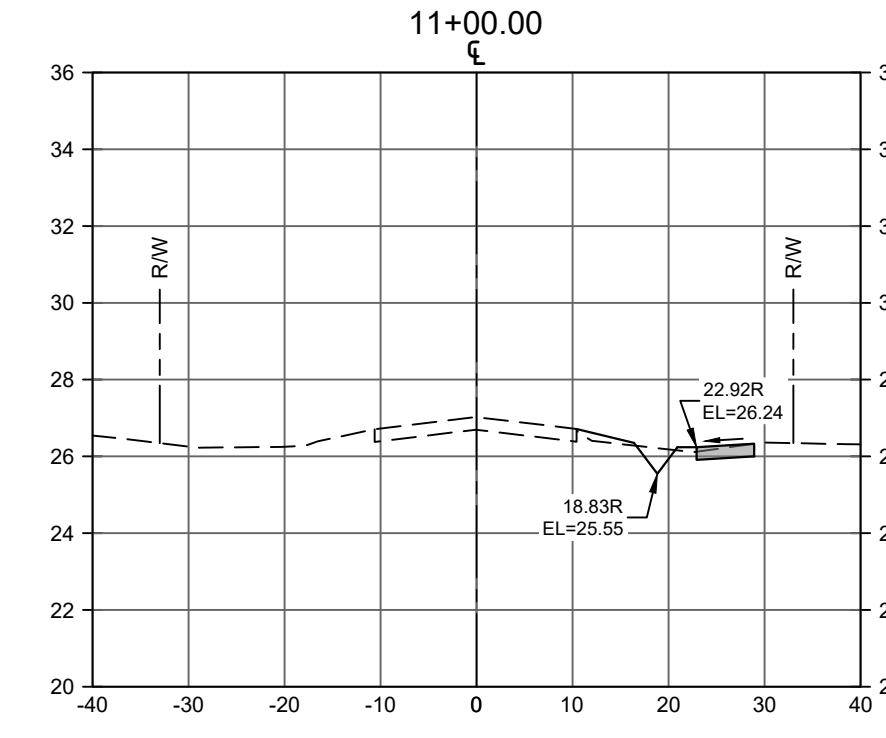
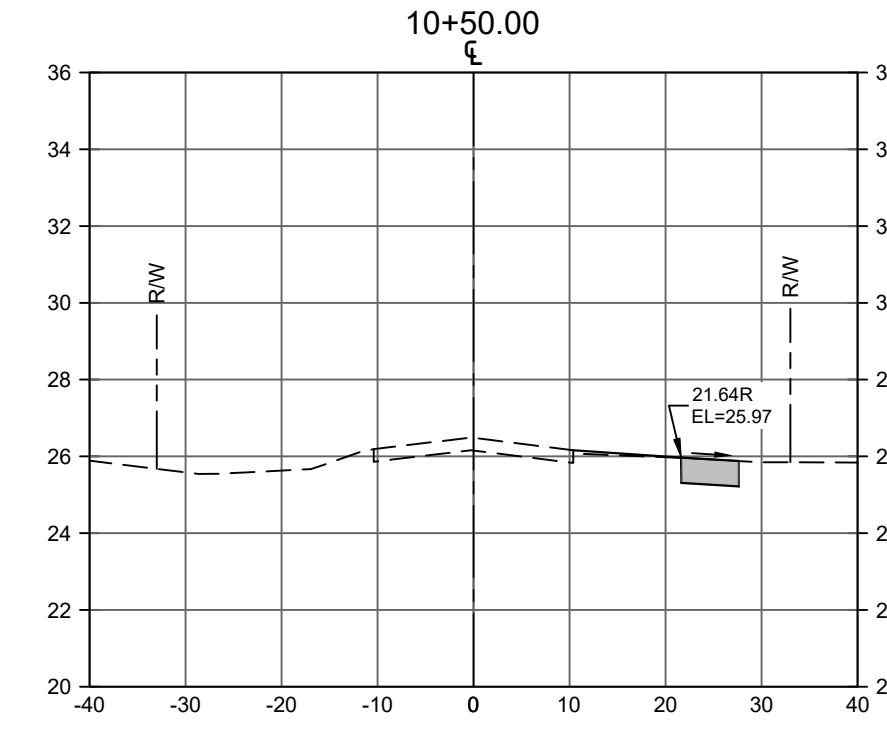
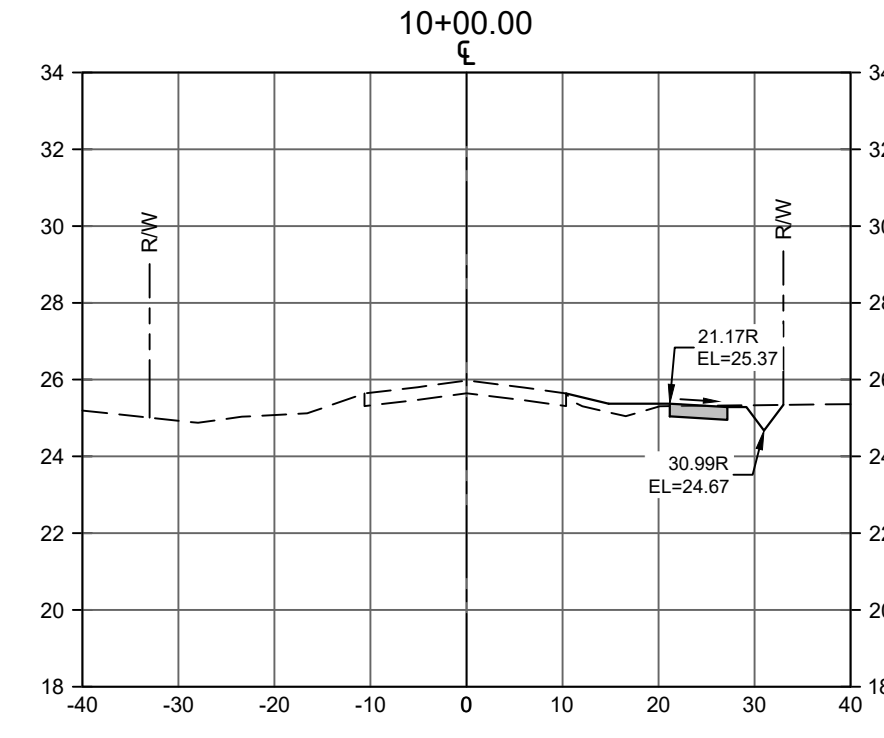
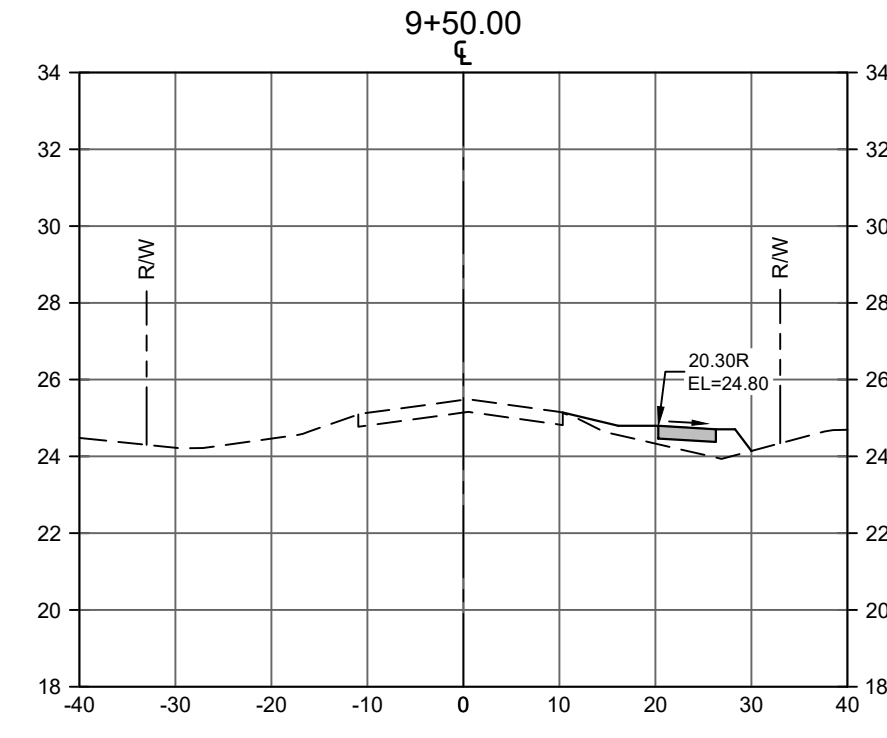
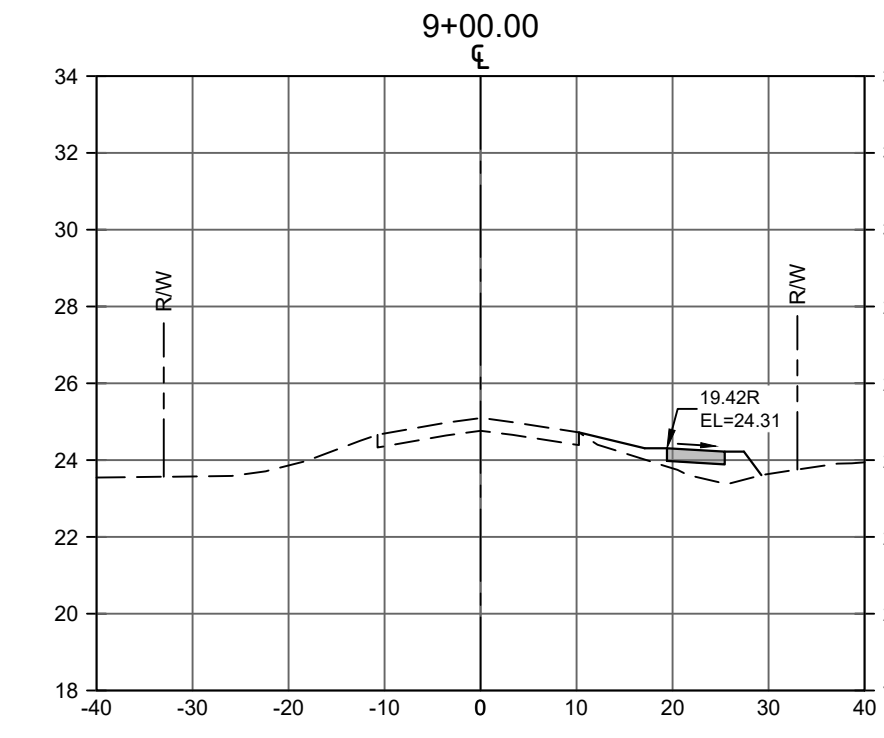
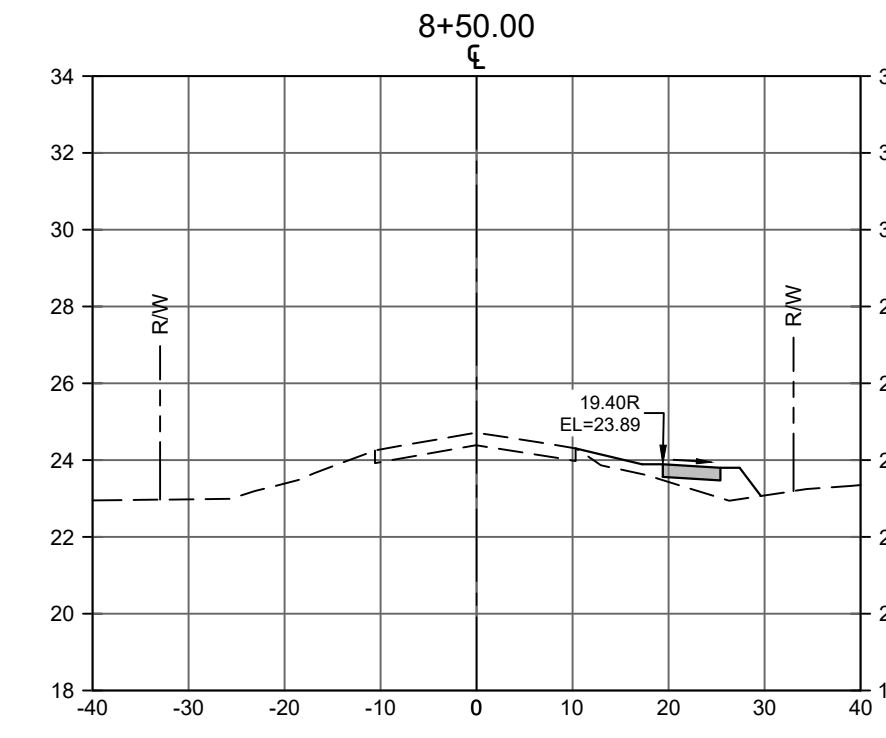
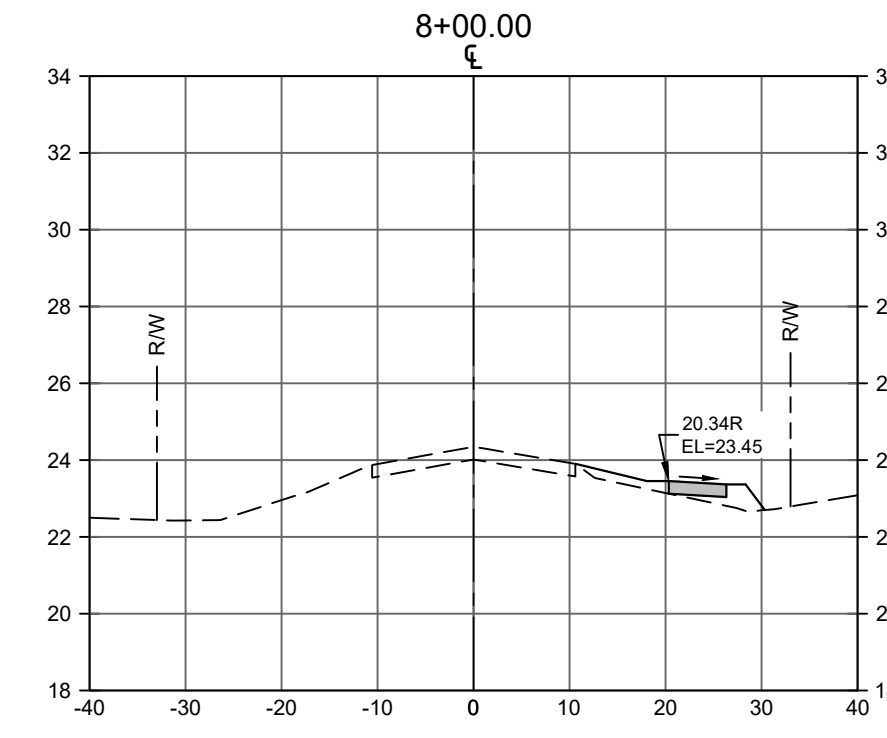
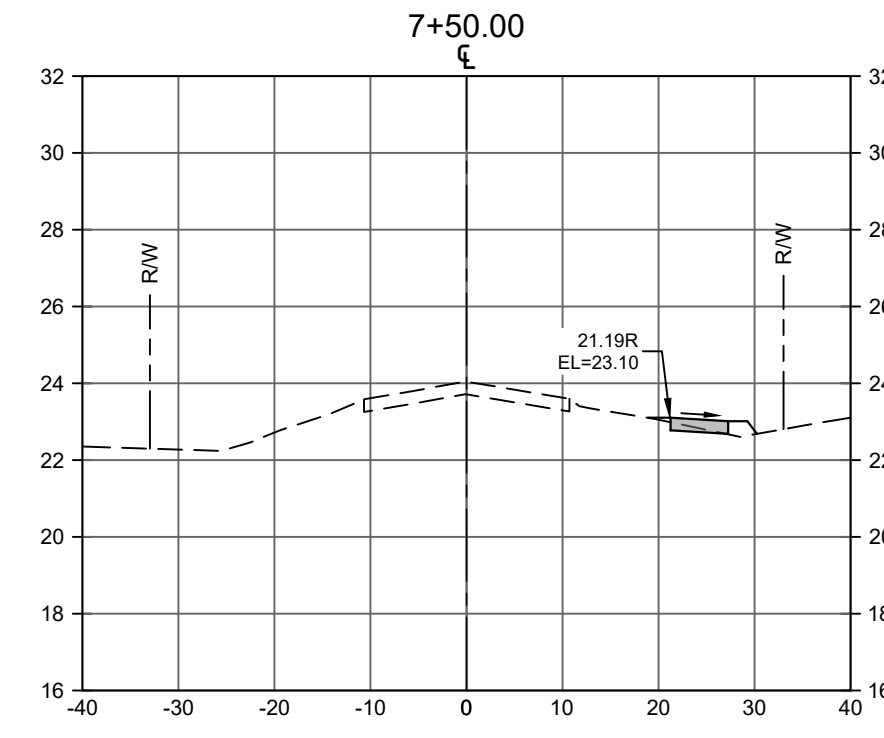
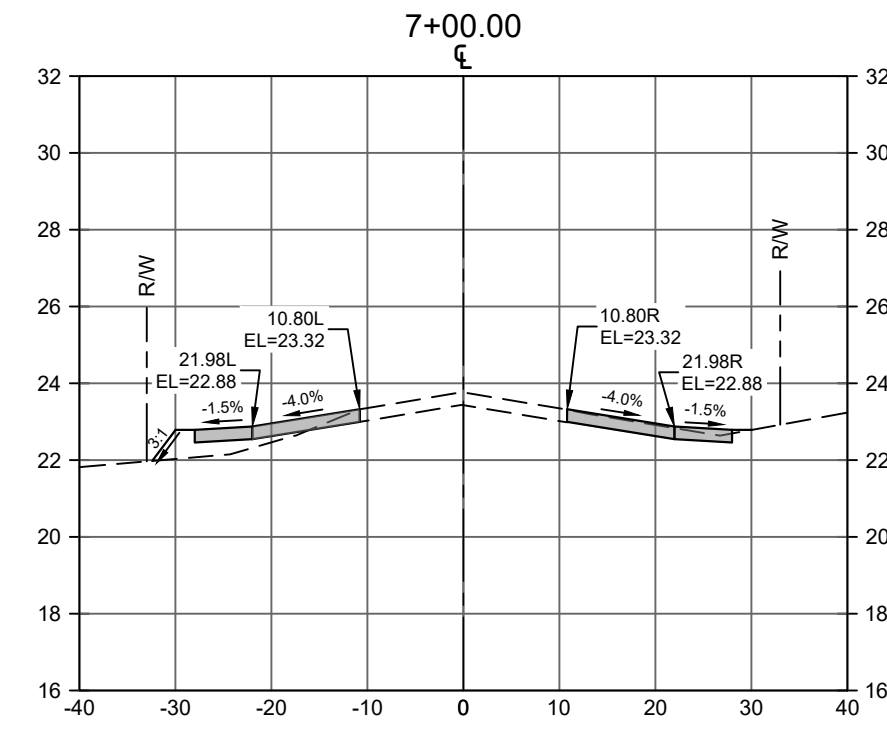
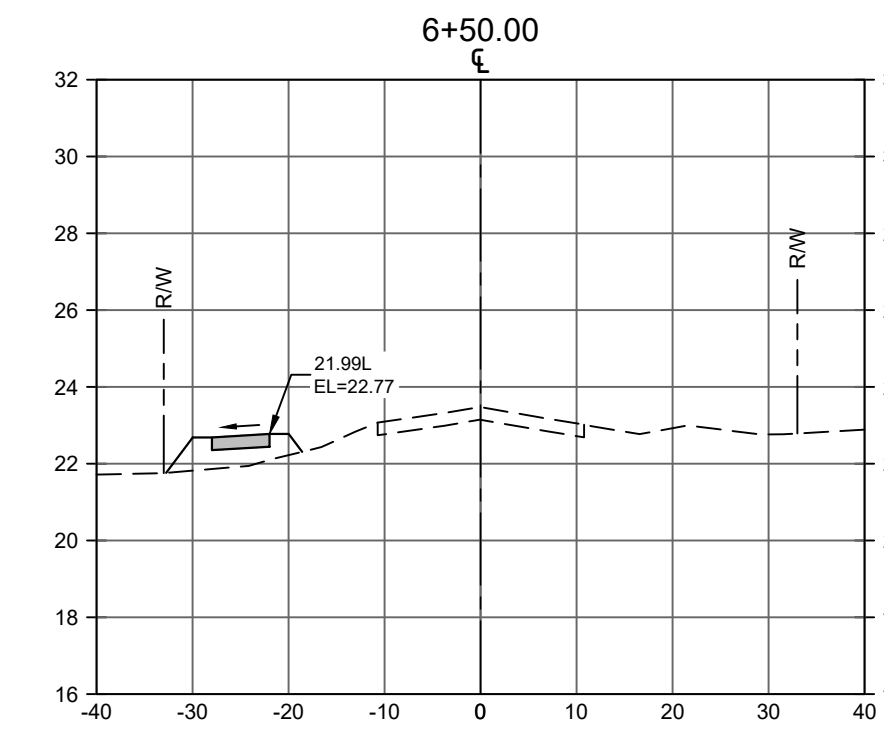
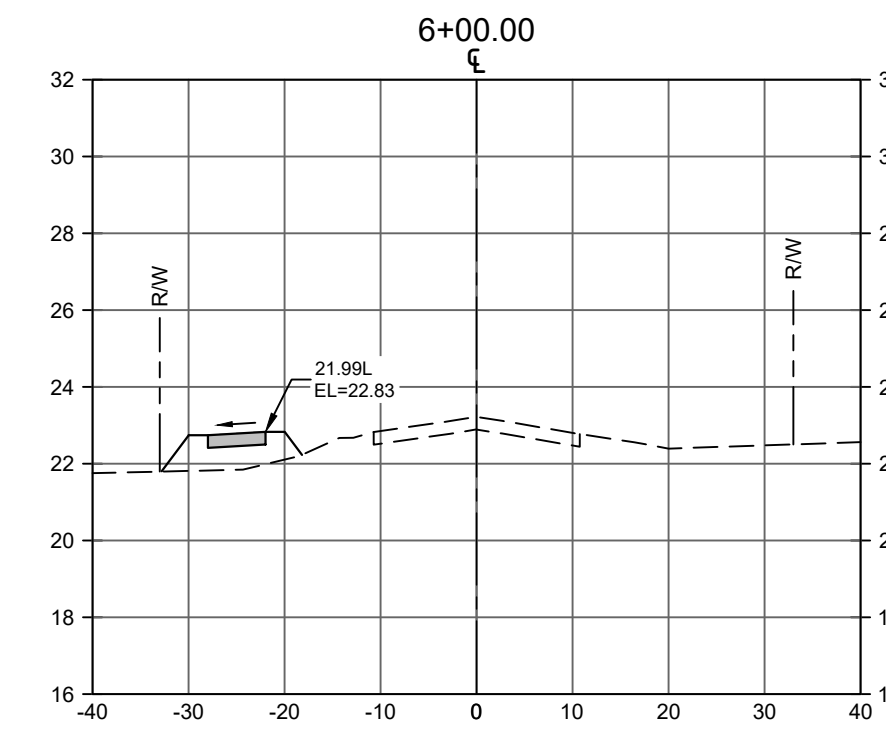
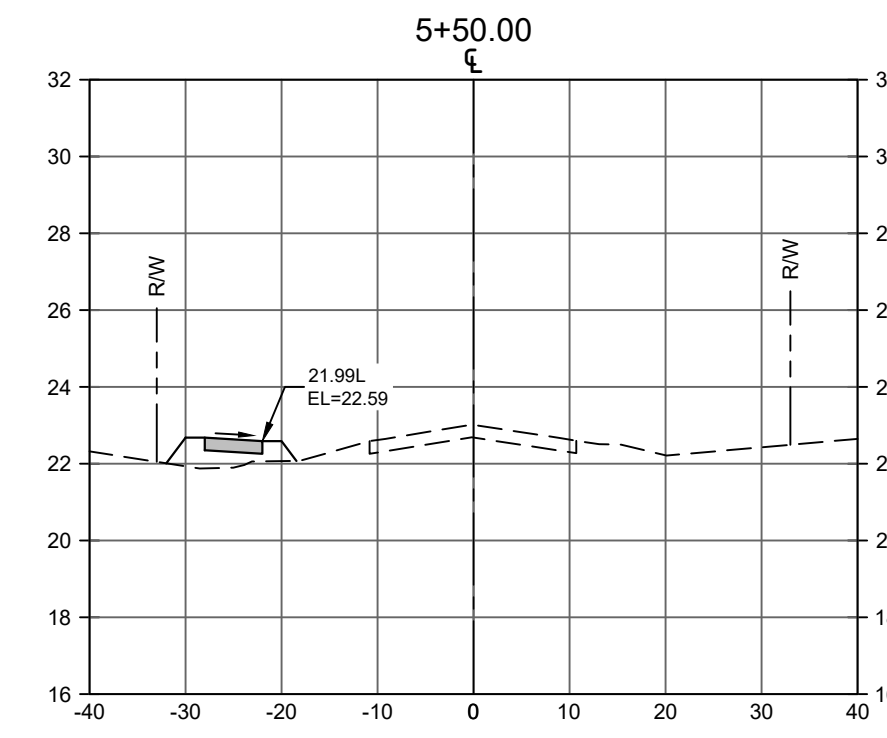
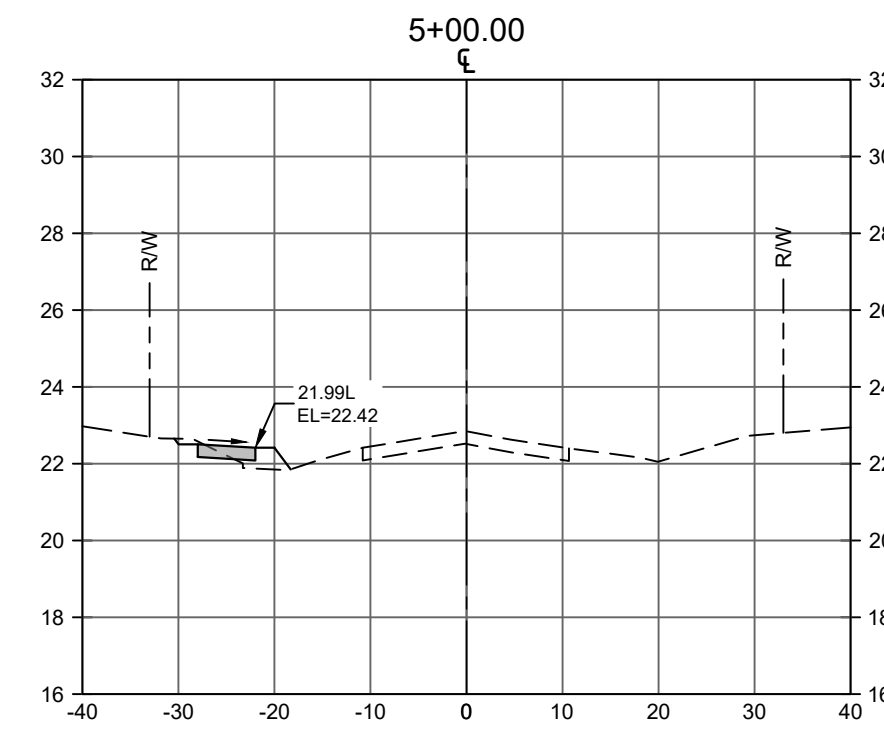
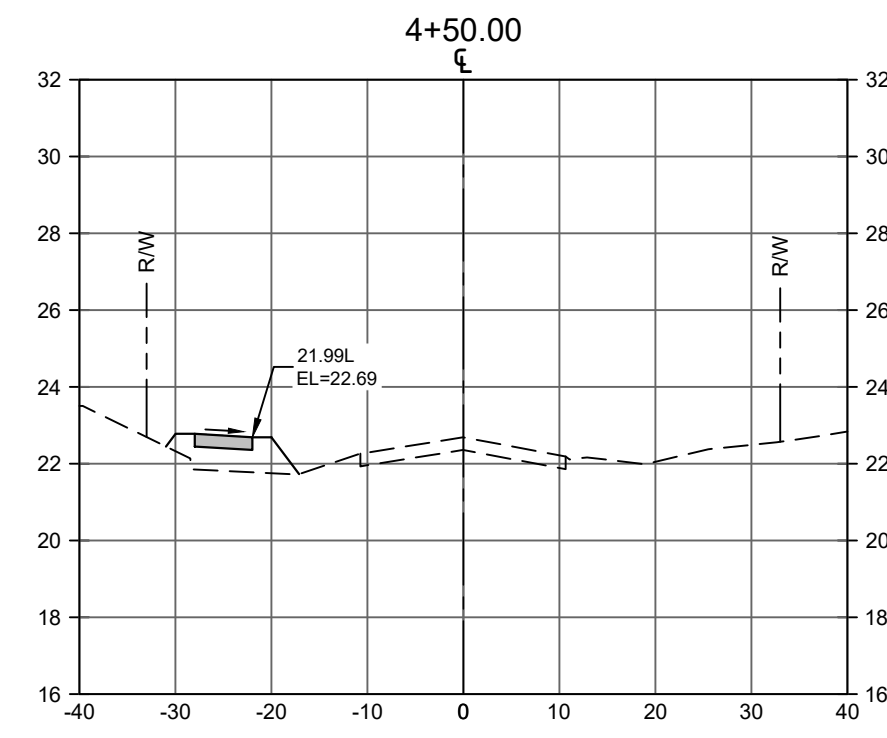
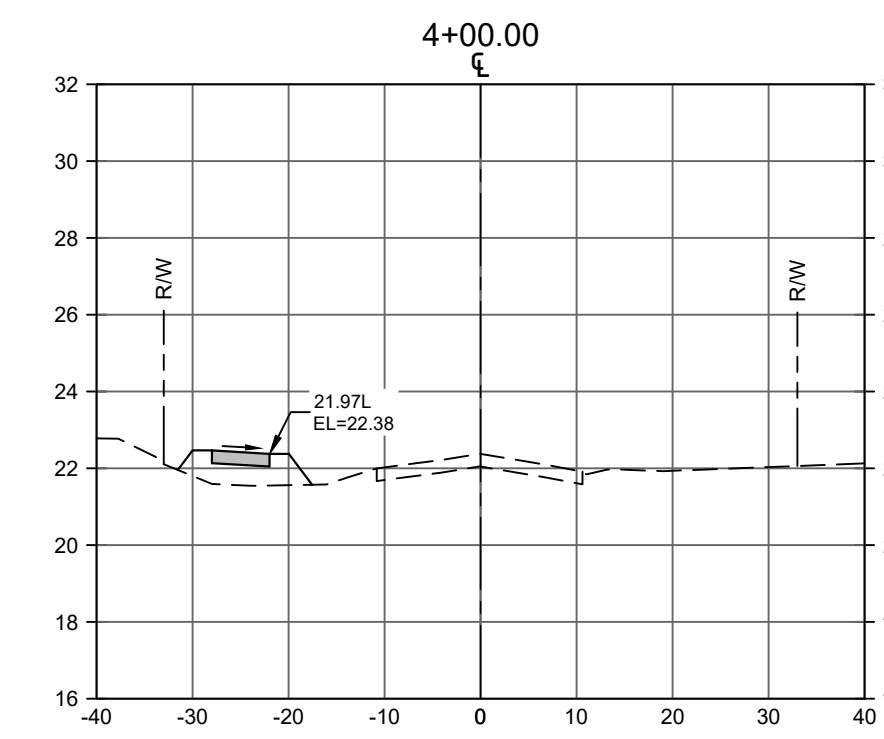
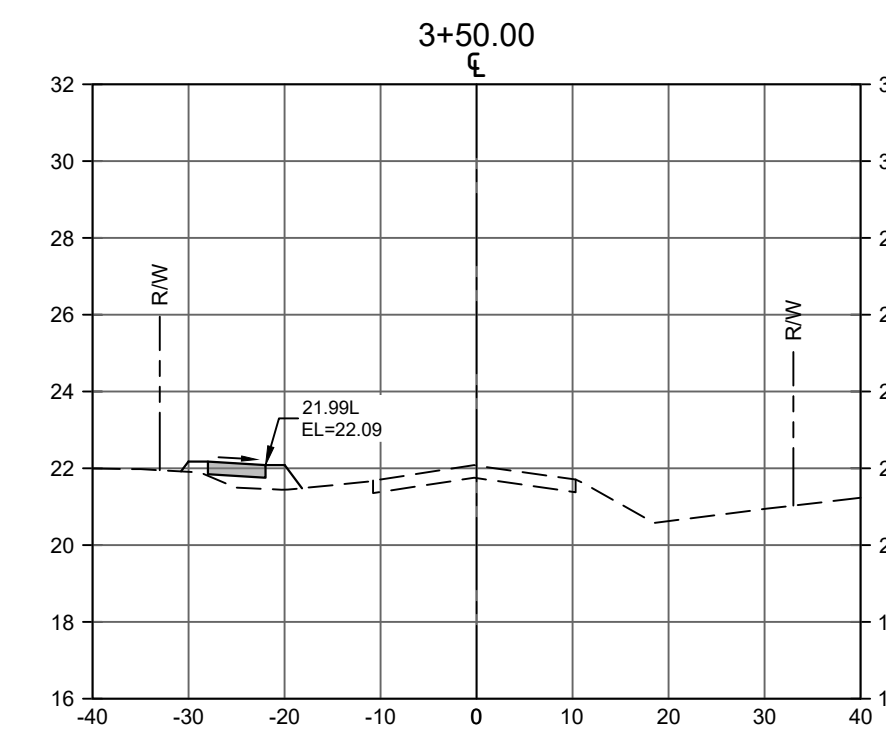
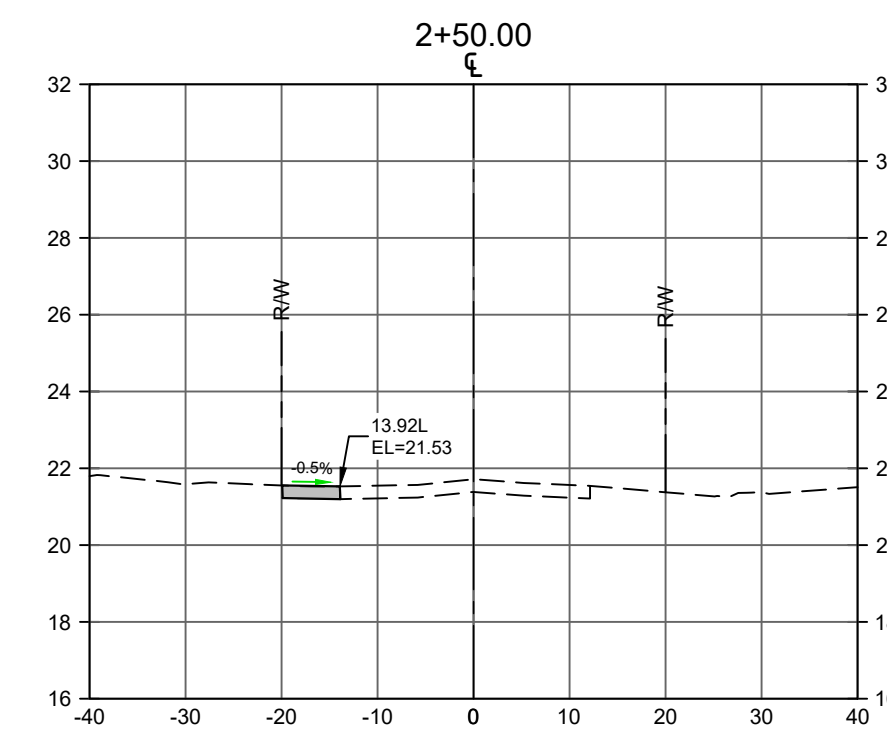
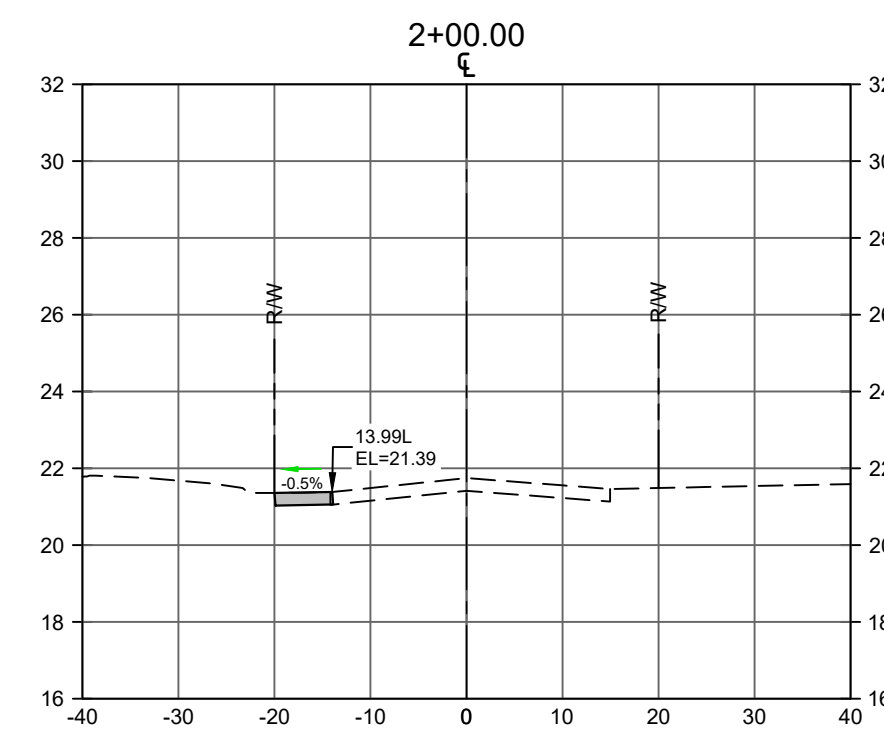
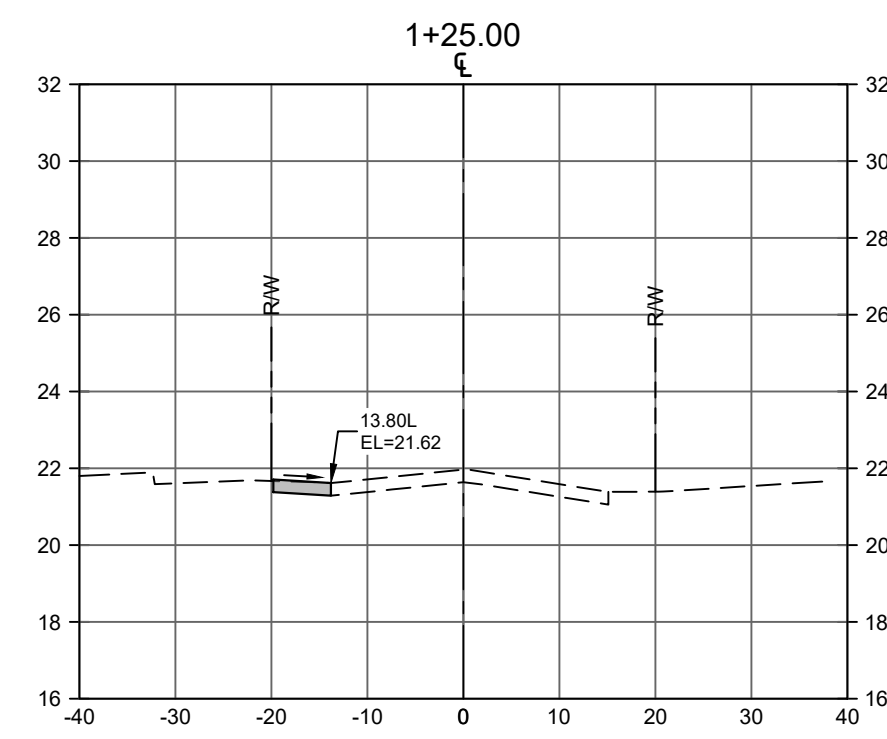
DAVID W. HUTCHESON  
No. 38670  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER

PROJECT NO.:	46278.001
ISSUED:	02/15/2023
DRAWN BY:	SRW
CHECKED BY:	DWH
SCALE:	1"=20'
SHEET TITLE	<b>SIDEWALK PLAN</b>
SHEET NUMBER	<b>8</b> OF 11

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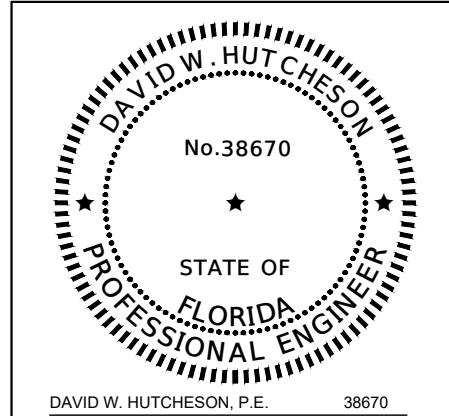
HILLS ROAD SIDEWALK  
HILLS ROAD  
PANAMA CITY BEACH, FL



**HALFF**  
FL CA 33380, FL LC 26000645, FL LB 8348  
HALFF ASSOCIATES, INC., SUITE 200  
2255 KILLBURN CENTER BLVD., SUITE 200  
PANAMA CITY BEACH, FL 32409  
TEL: (850) 224-4465 WWW.HALFF.COM

REVISION NO.	DATE	DESCRIPTION

ISSUED FOR CONSTRUCTION



DAVID W. HUTCHESON, P.E. 38670  
NAME: HUTCHESON P.E. NO.  
DATE: 02/15/2023  
FL CA 33380, FL LC 26000645, FL LB 8348

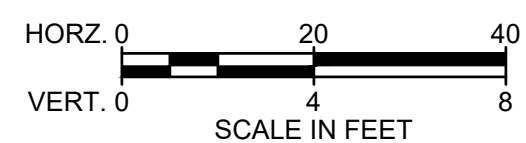
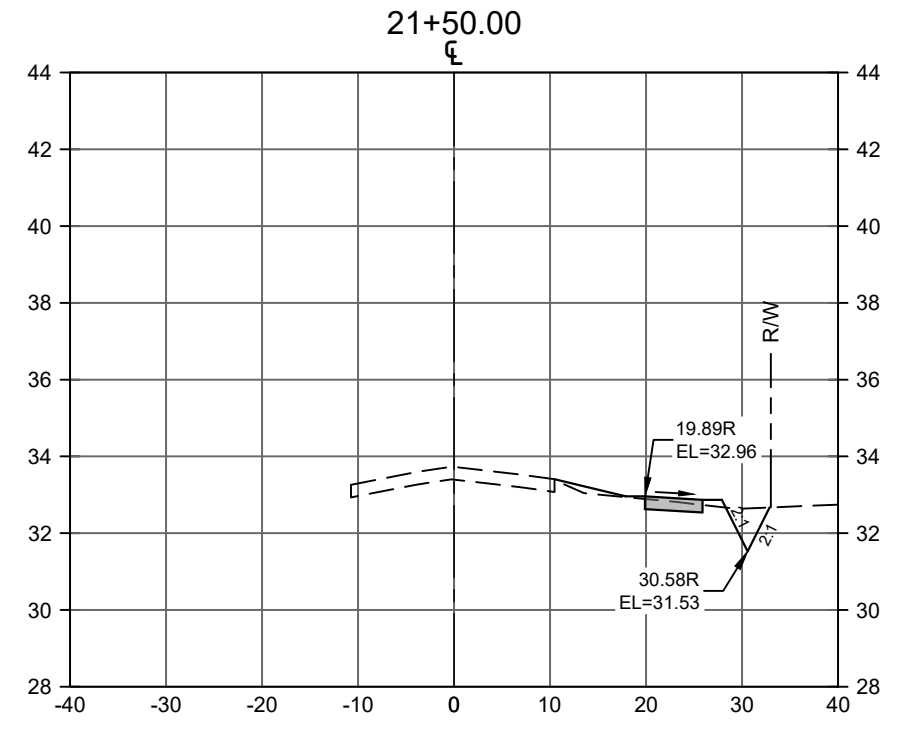
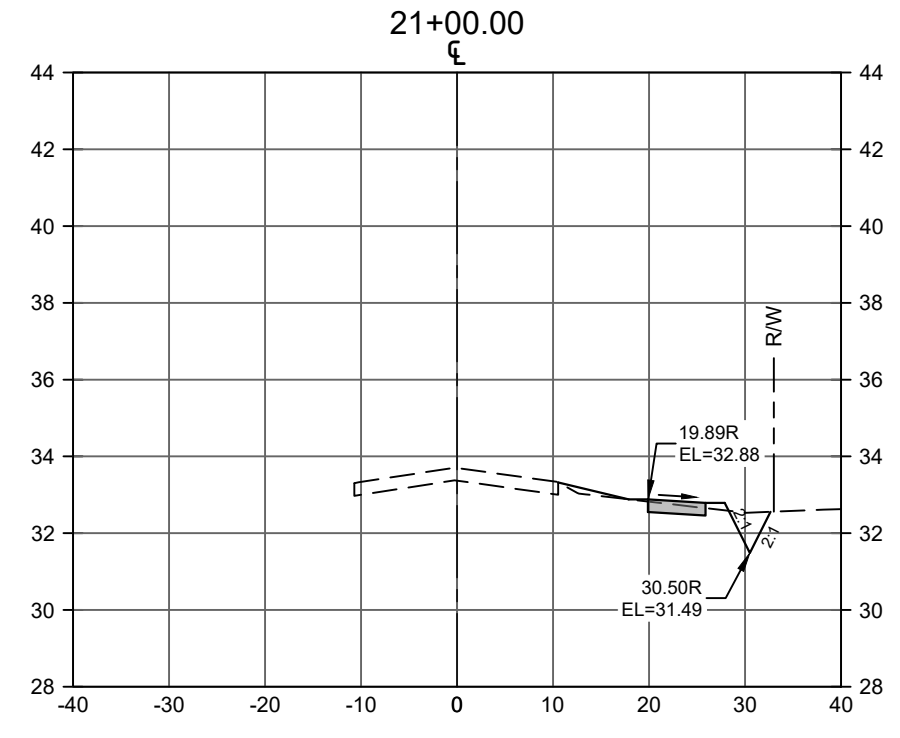
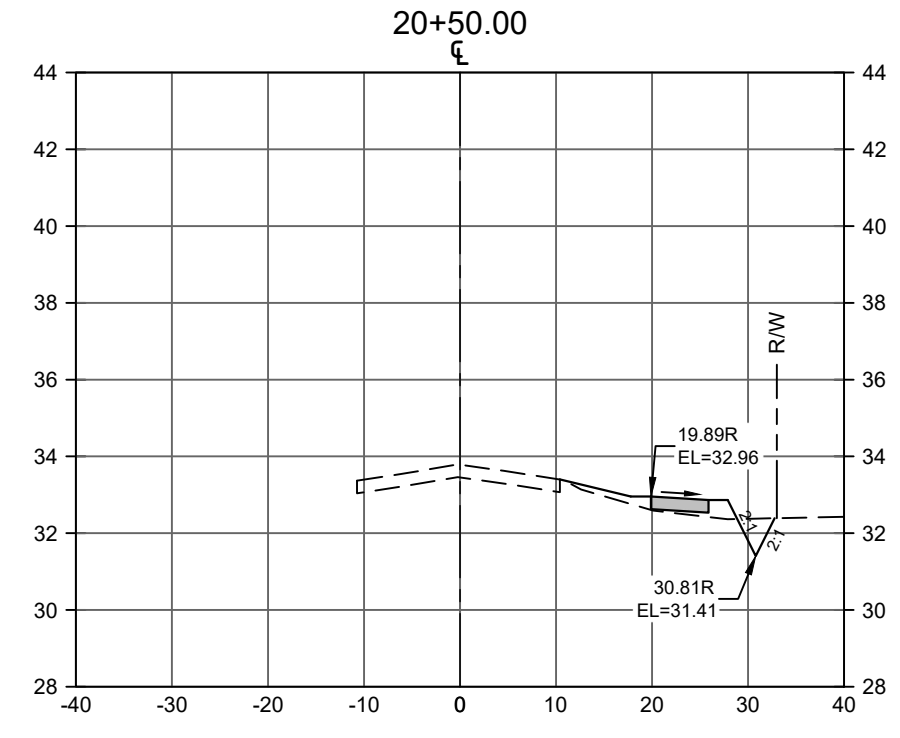
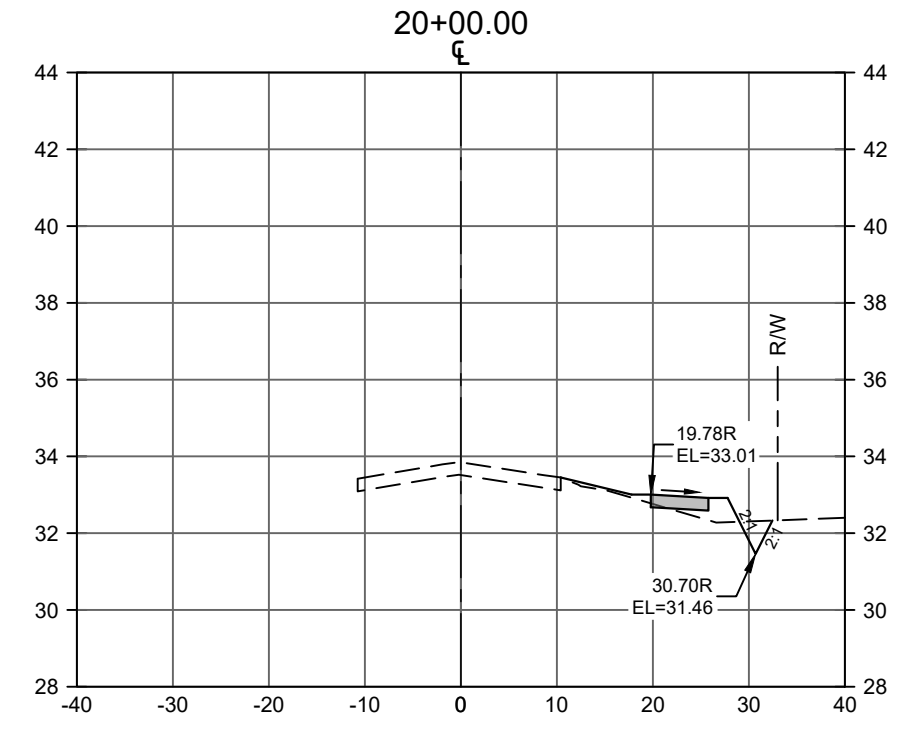
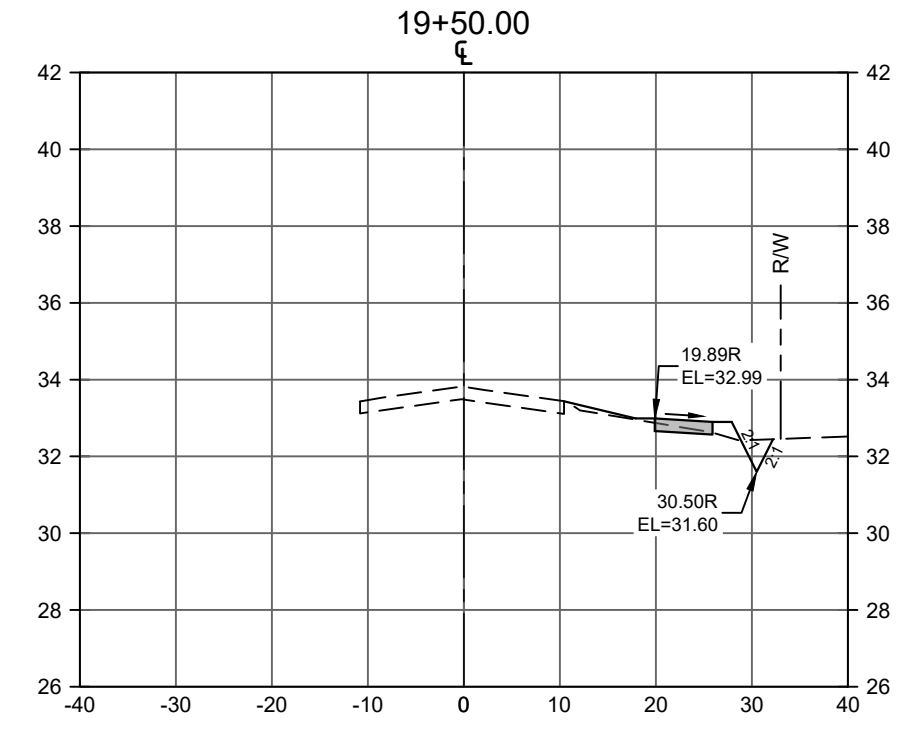
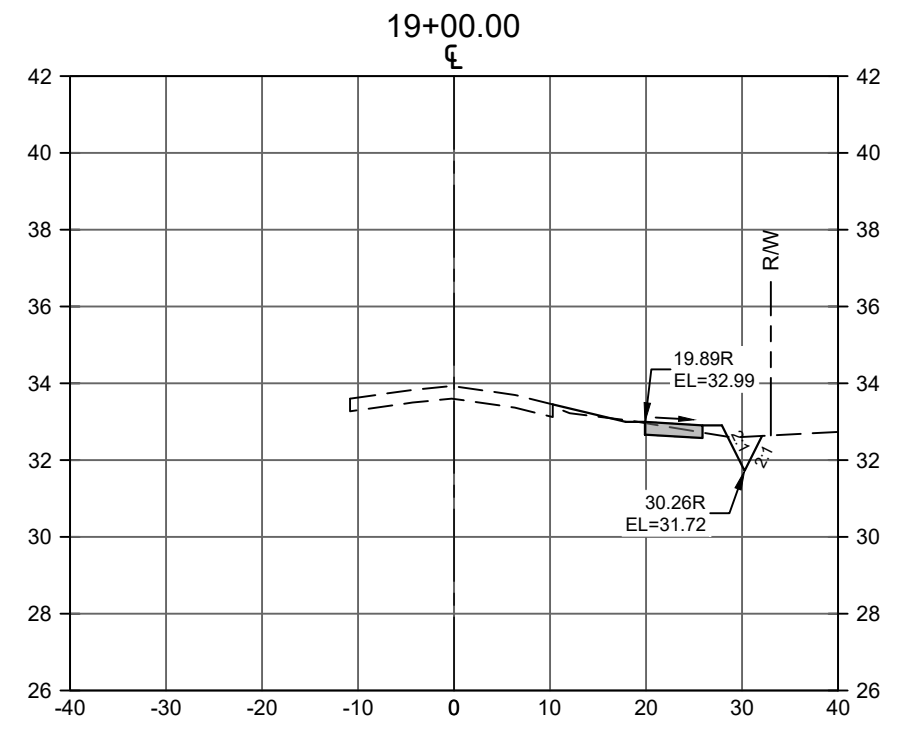
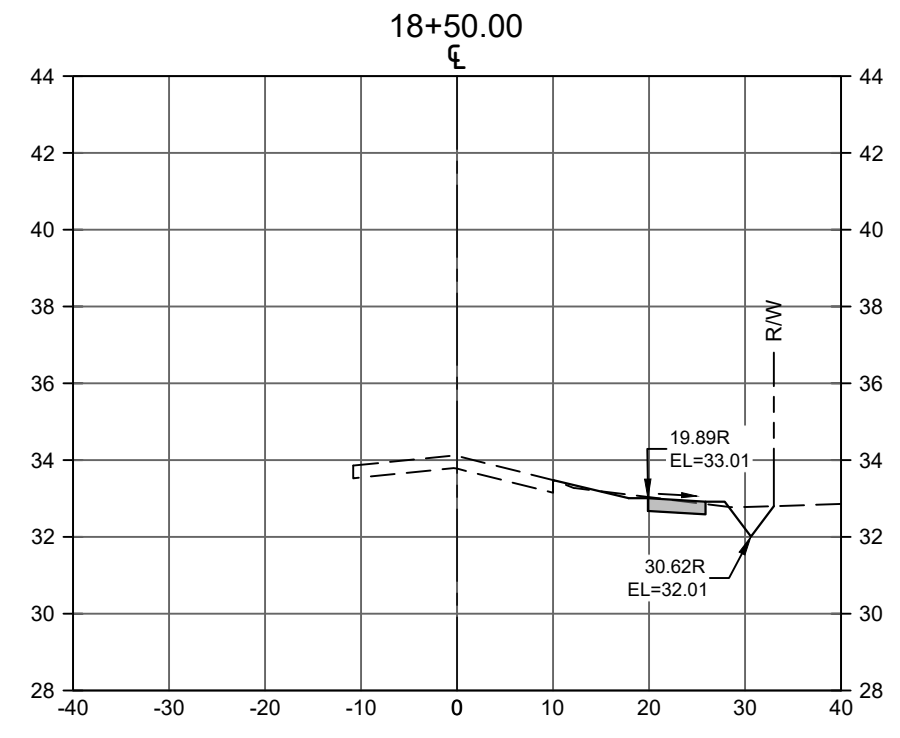
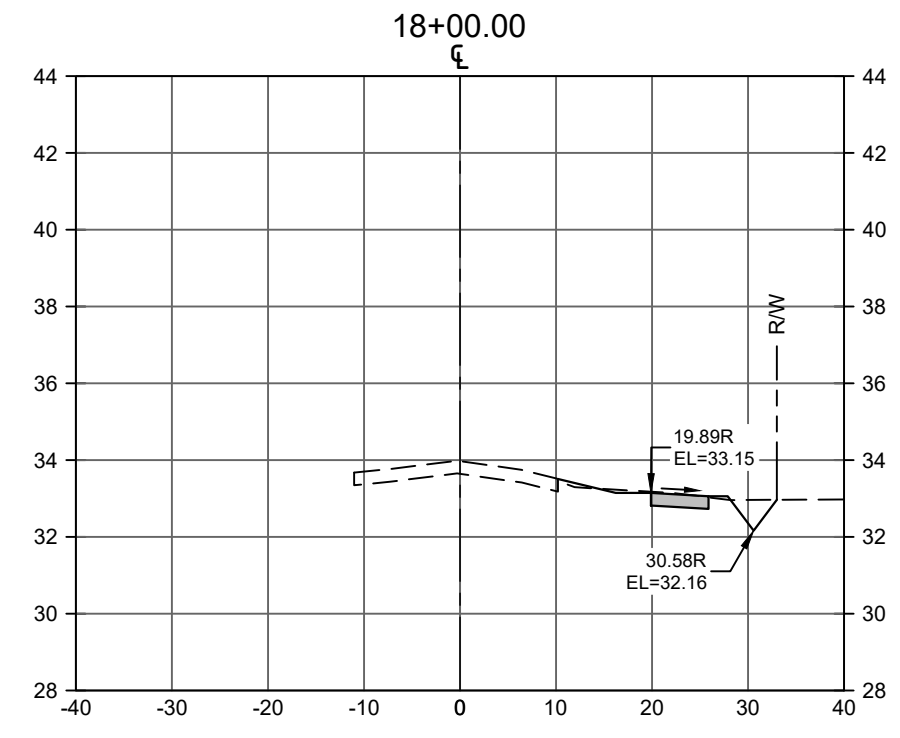
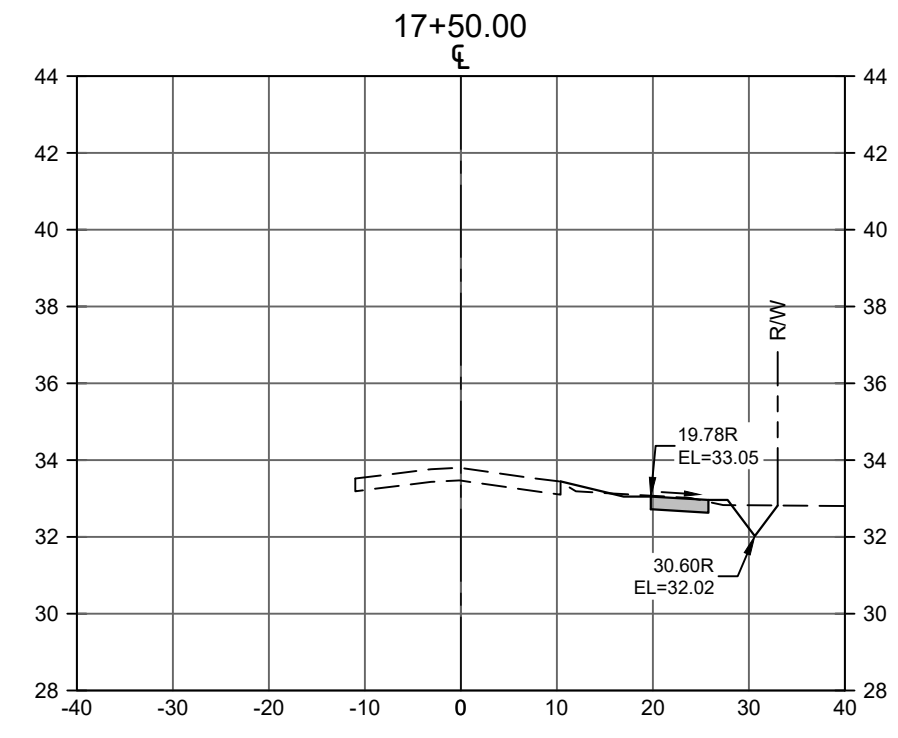
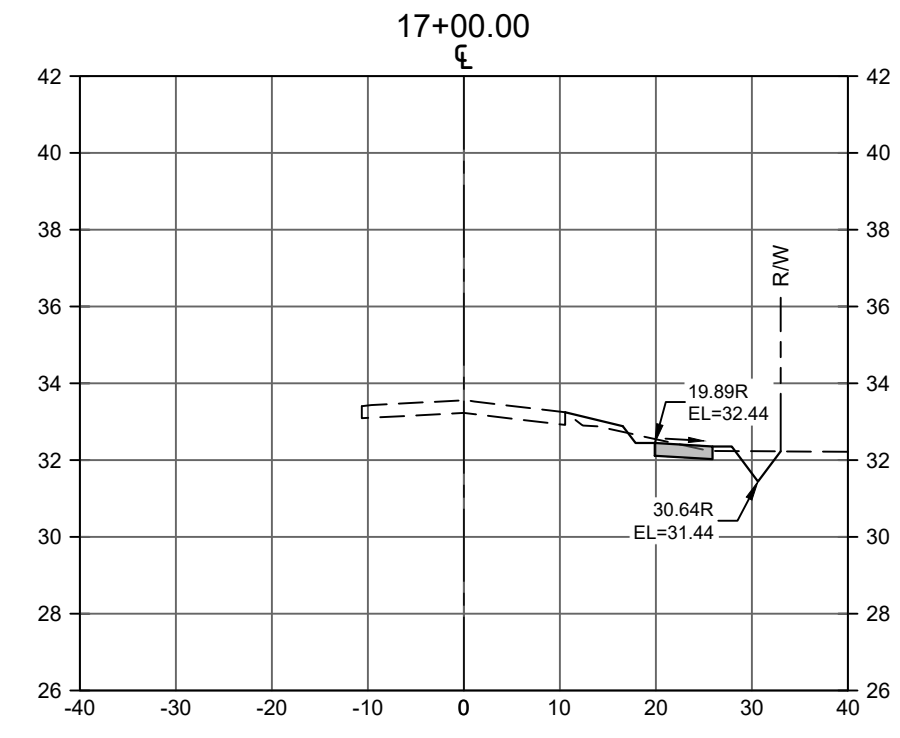
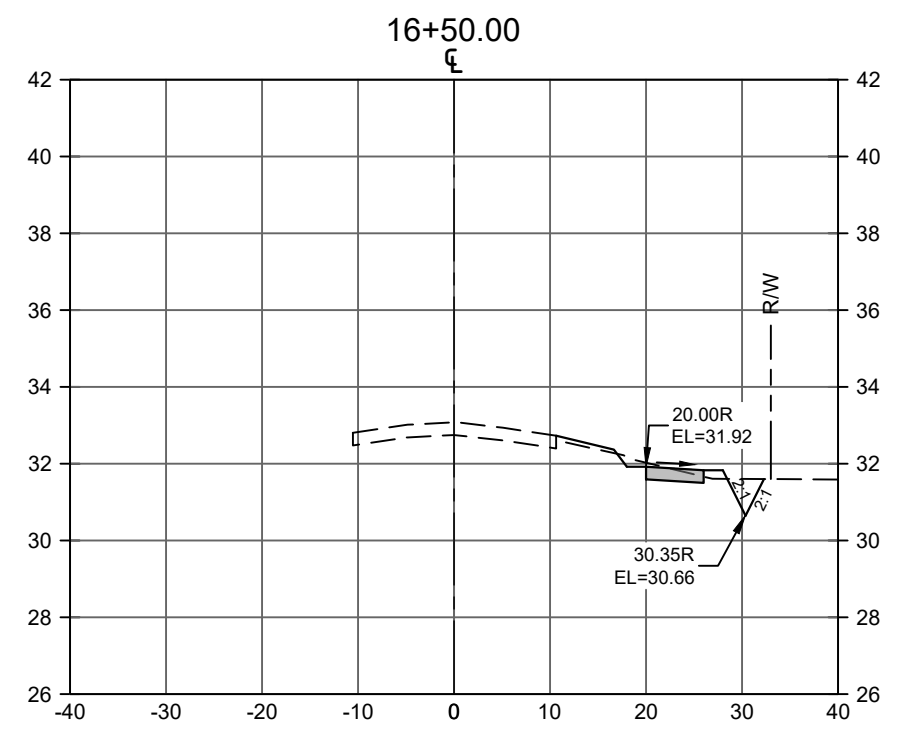
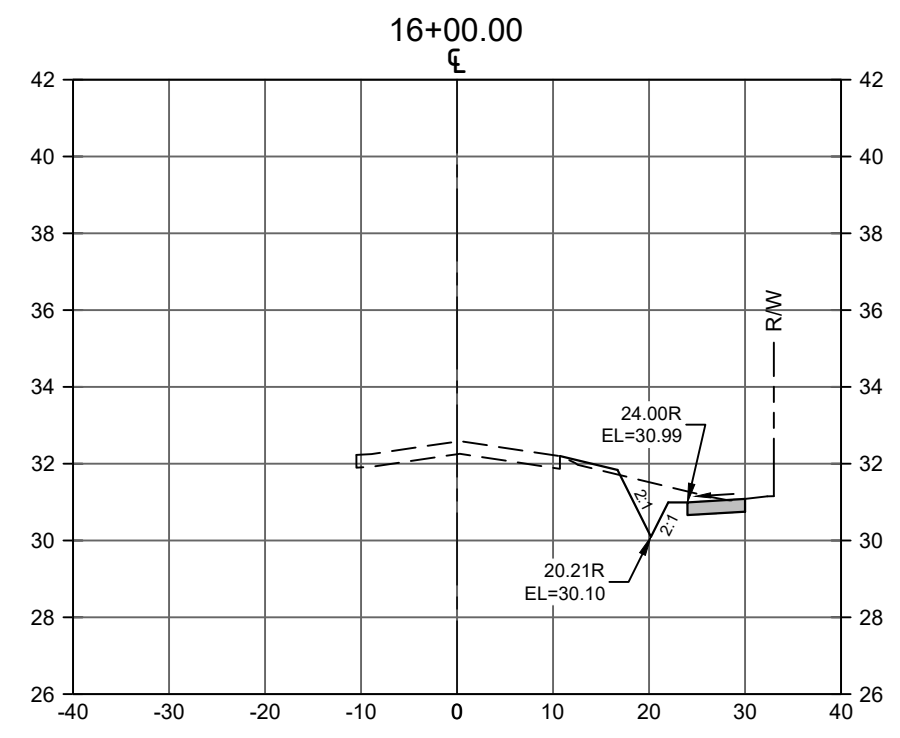
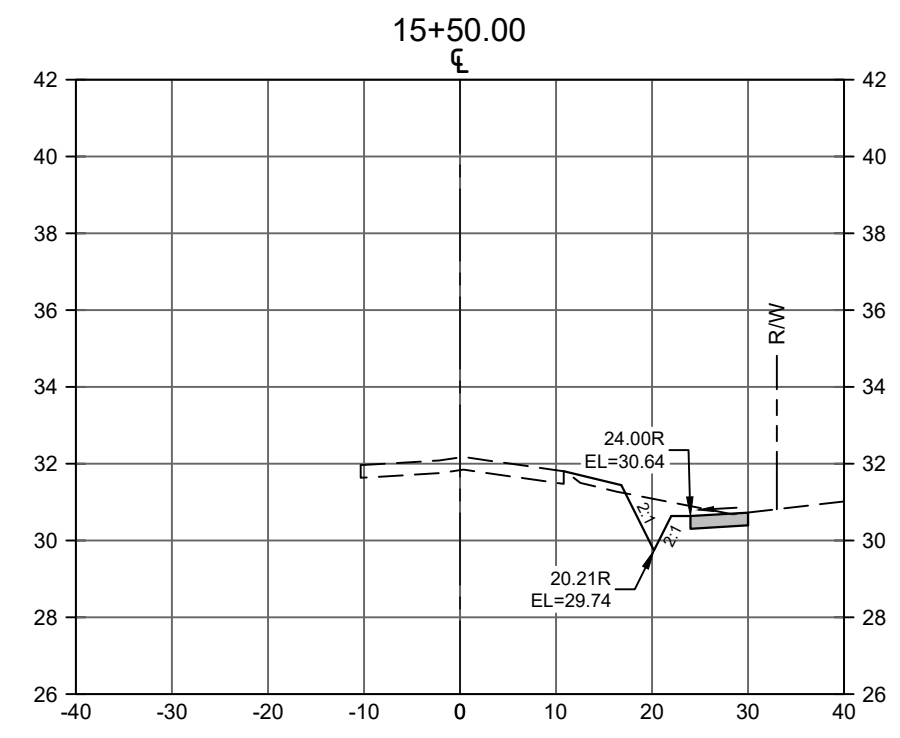
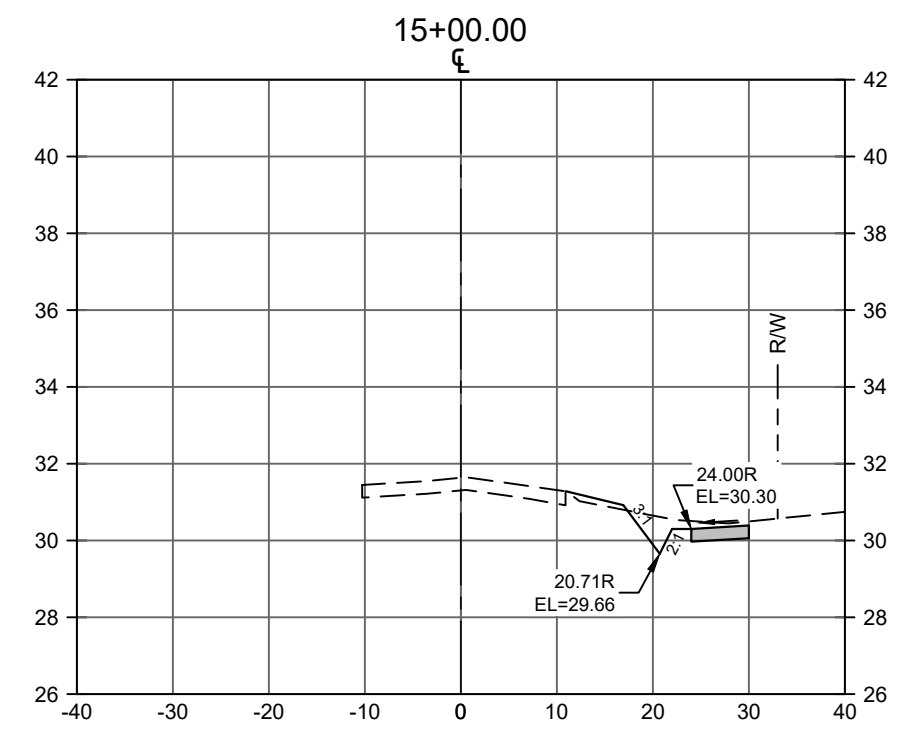
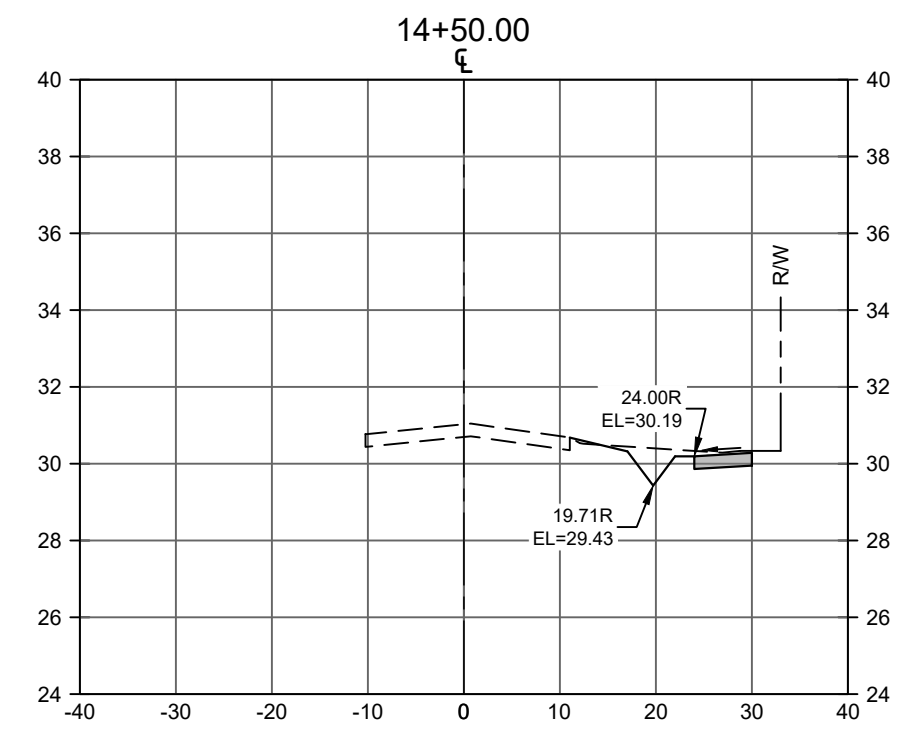
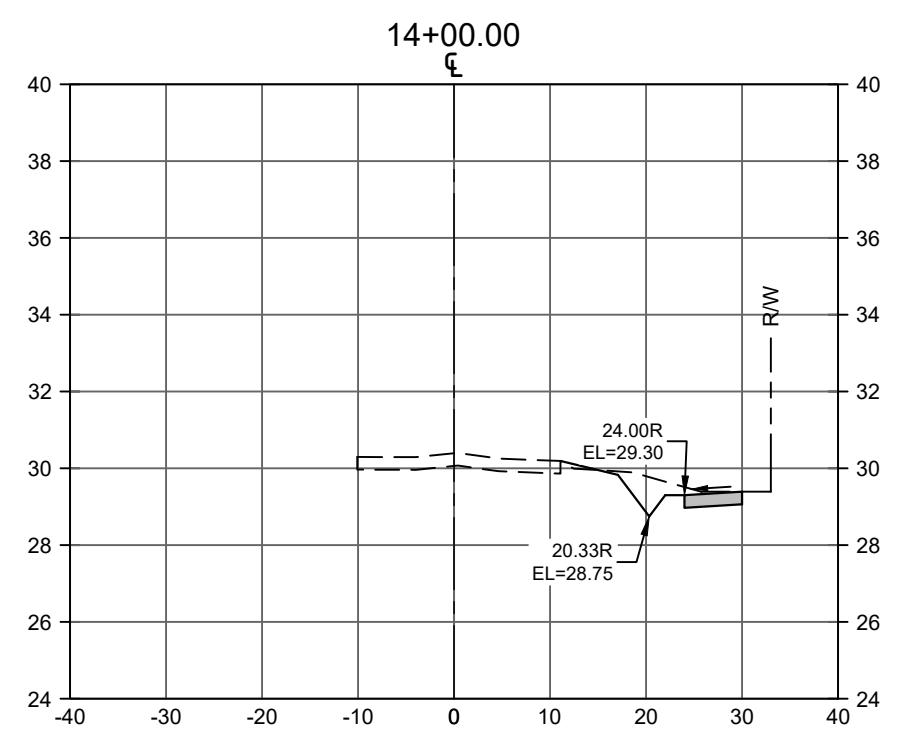
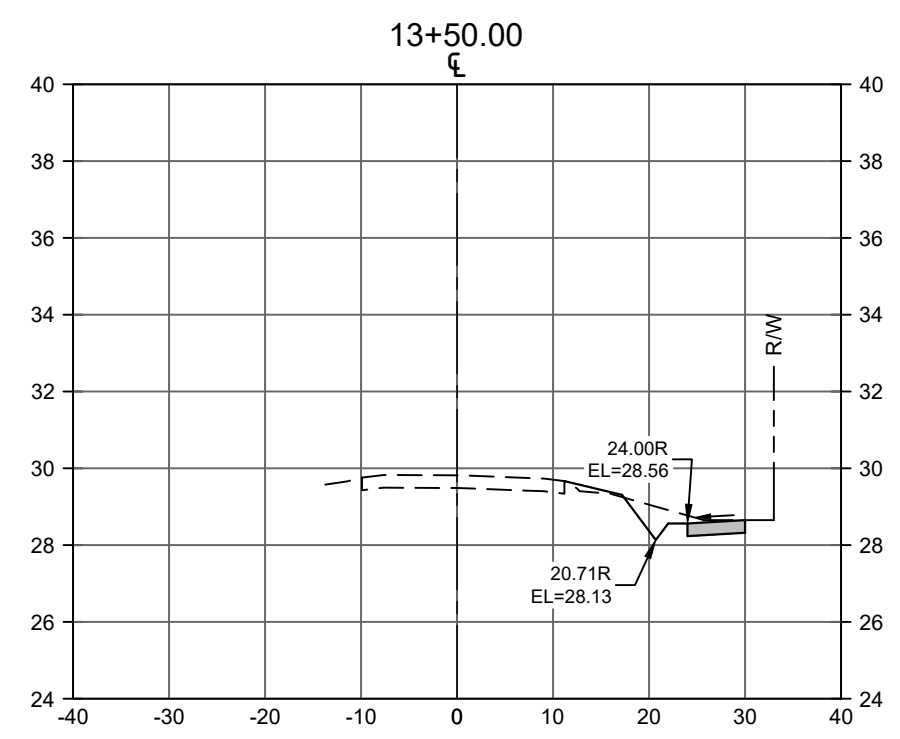
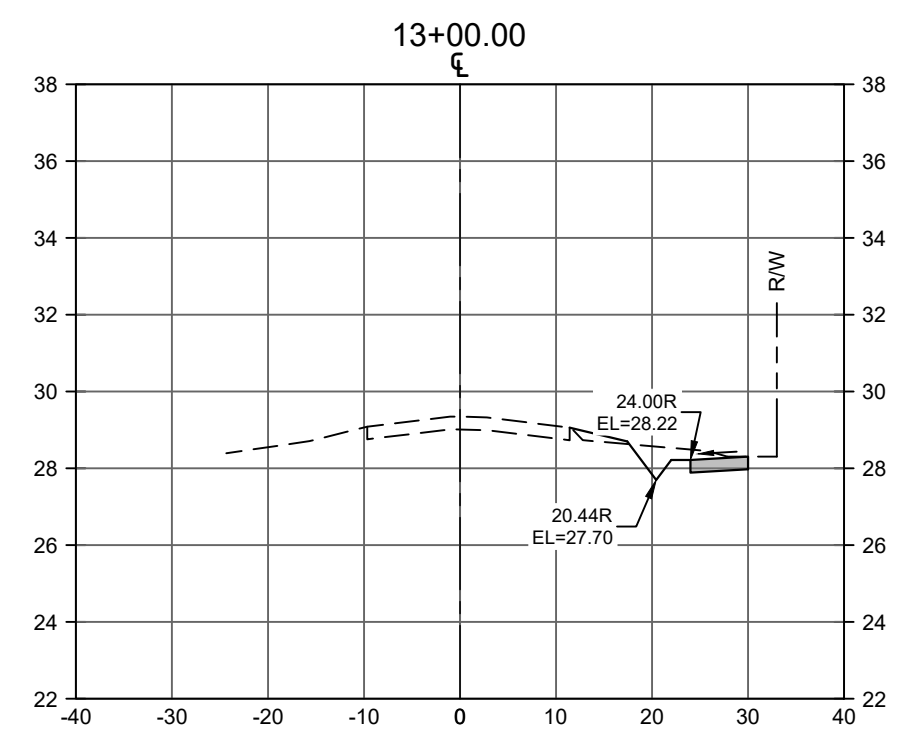
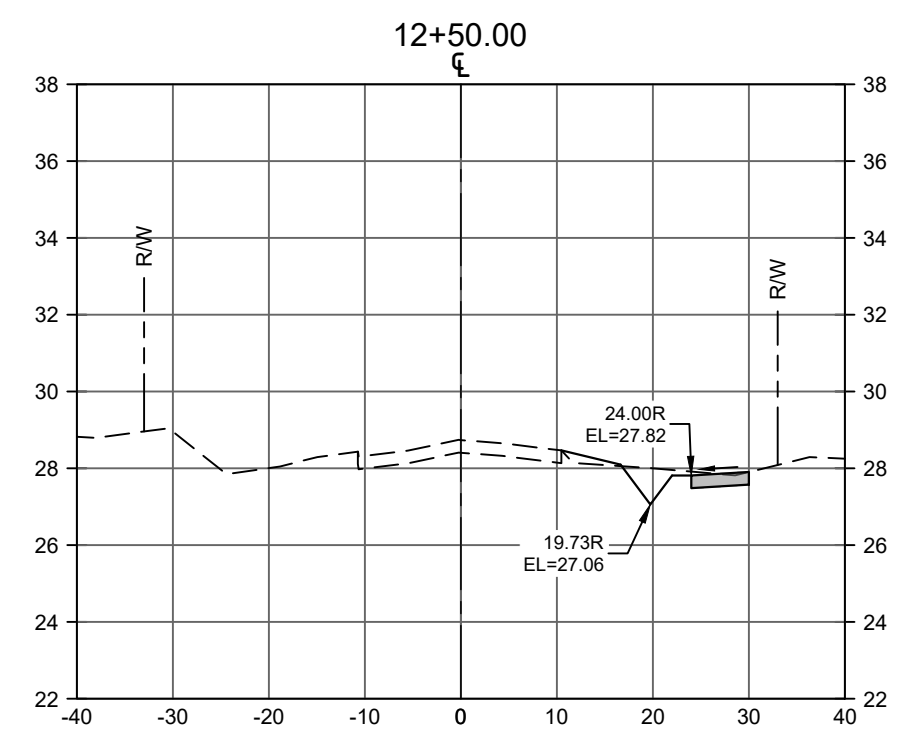
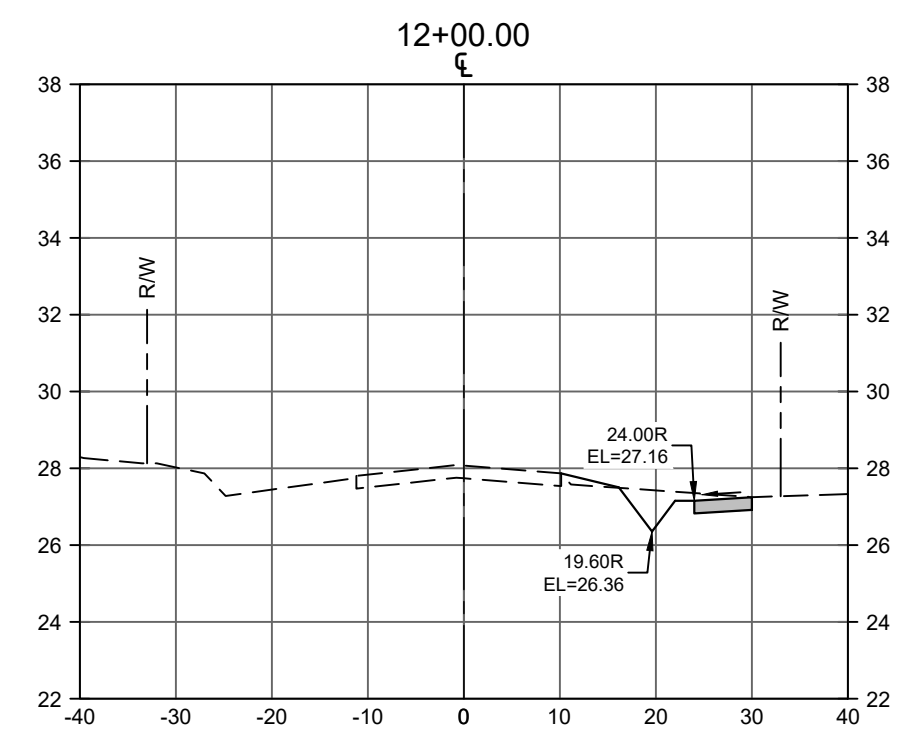
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ISSUED: 02/15/2023  
DRAWN BY: SRW  
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SHEET TITLE  
SIDEWALK SECTIONS

9  
SHEET NUMBER 9 OF 11

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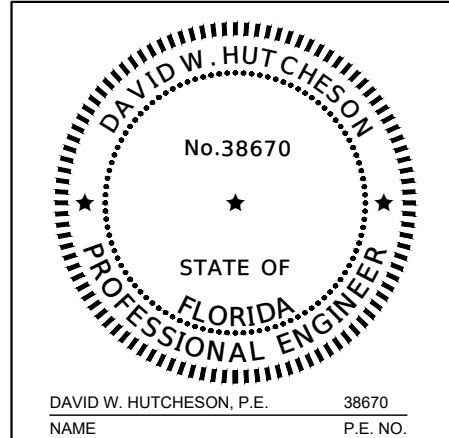
HILLS ROAD SIDEWALK  
 HILLS ROAD  
 PANAMA CITY BEACH, FL



**HALFF**  
 FL CA 33380 FL LC 26000645 FL LB 8348  
 HALFF ASSOCIATES, INC.  
 2255 KILLEARN CENTER BLVD., SUITE 200  
 PANAMA CITY BEACH, FL 32413  
 TEL: (850) 224-4465 WWW.HALFF.COM

REVISION NO.	DATE	DESCRIPTION

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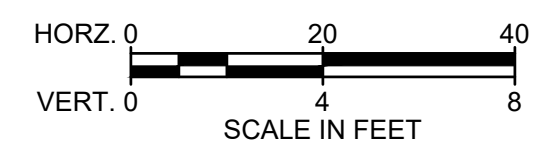
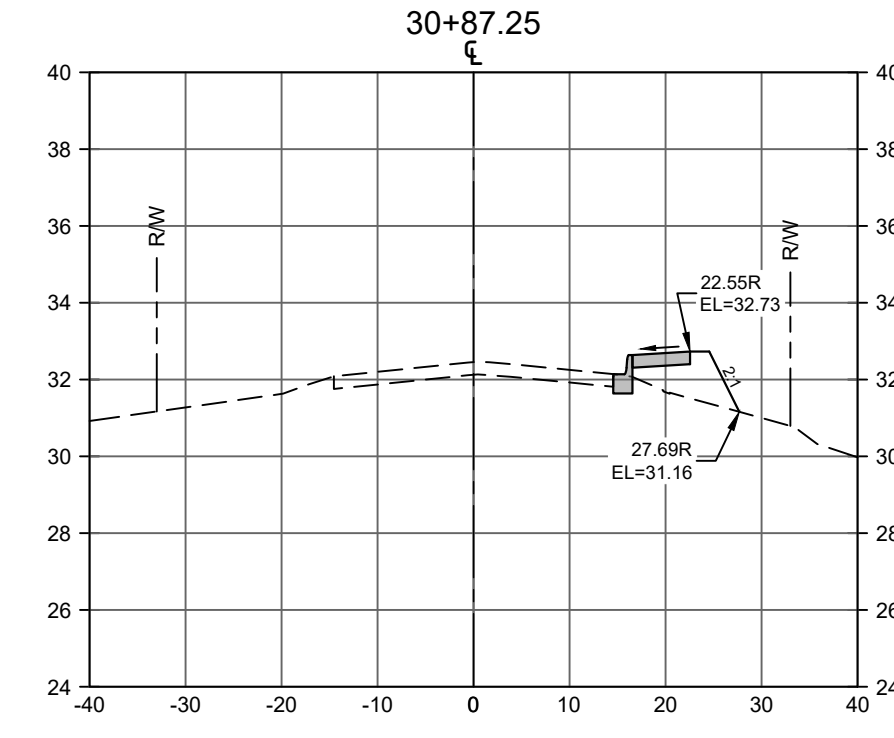
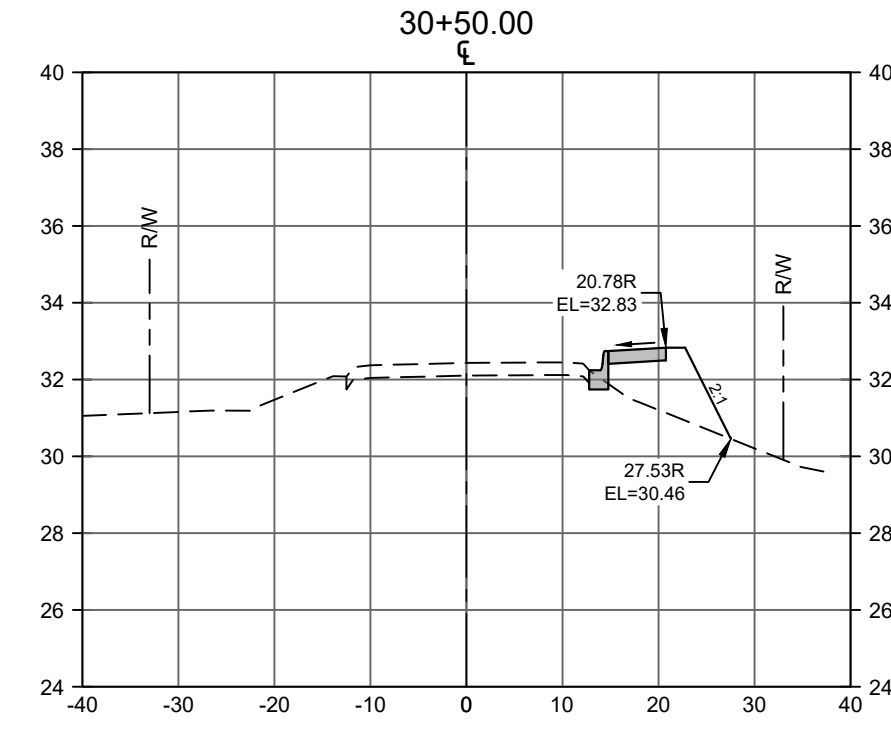
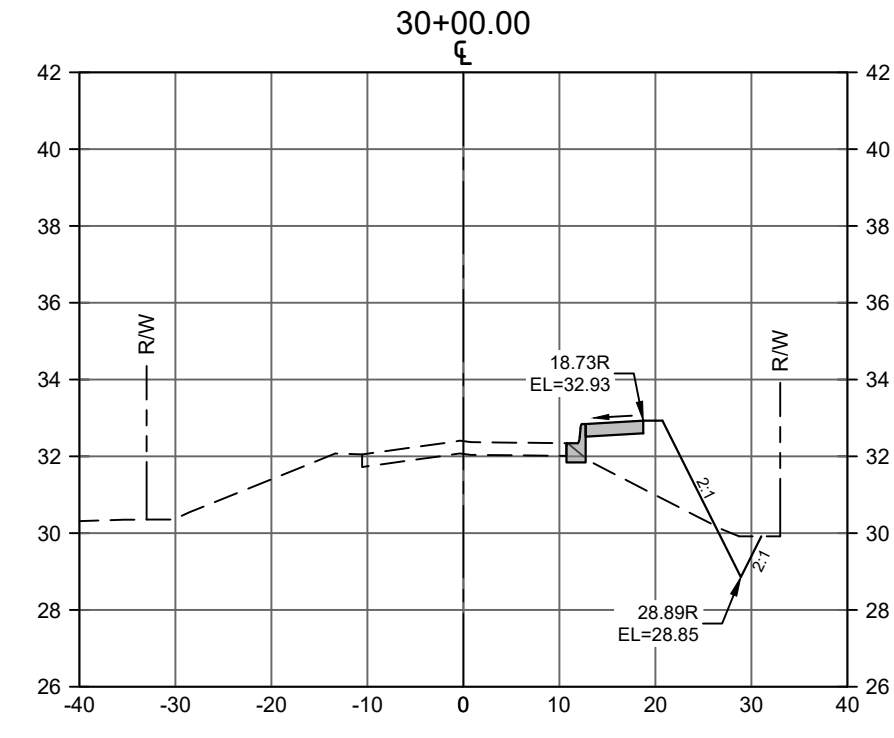
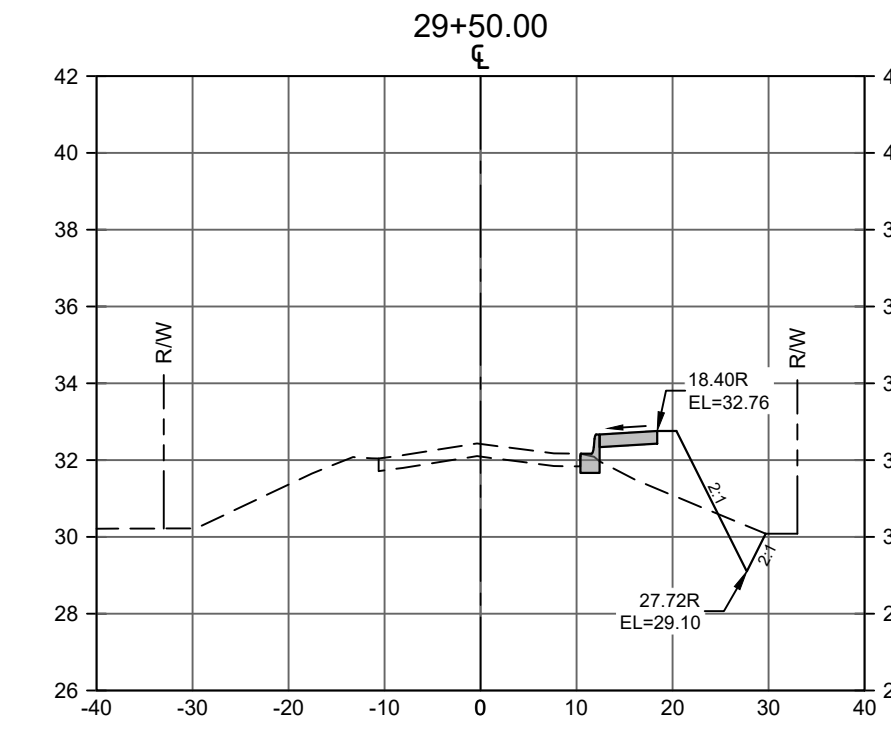
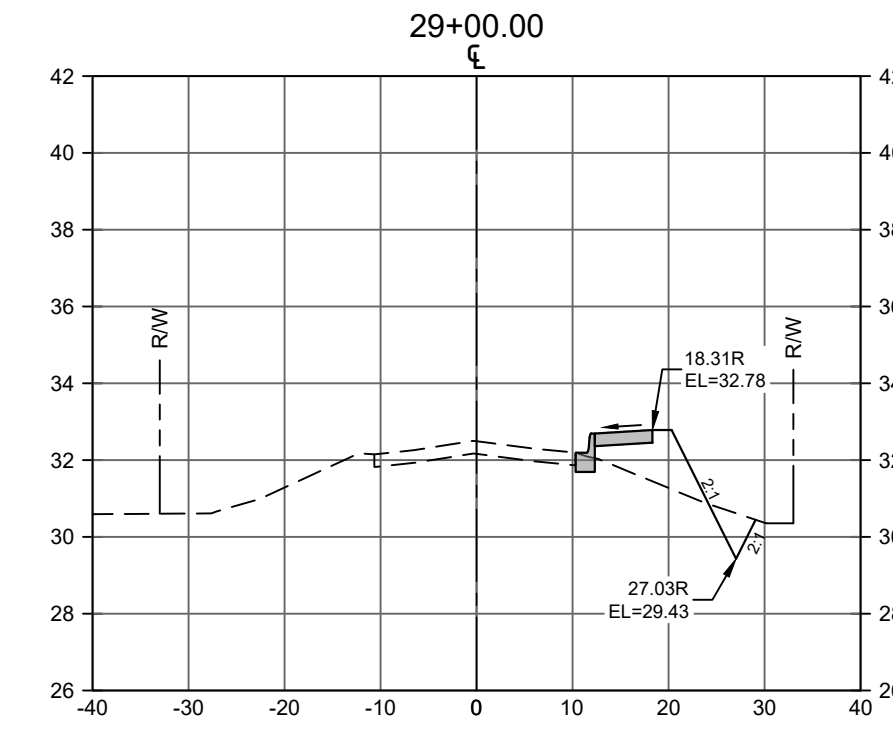
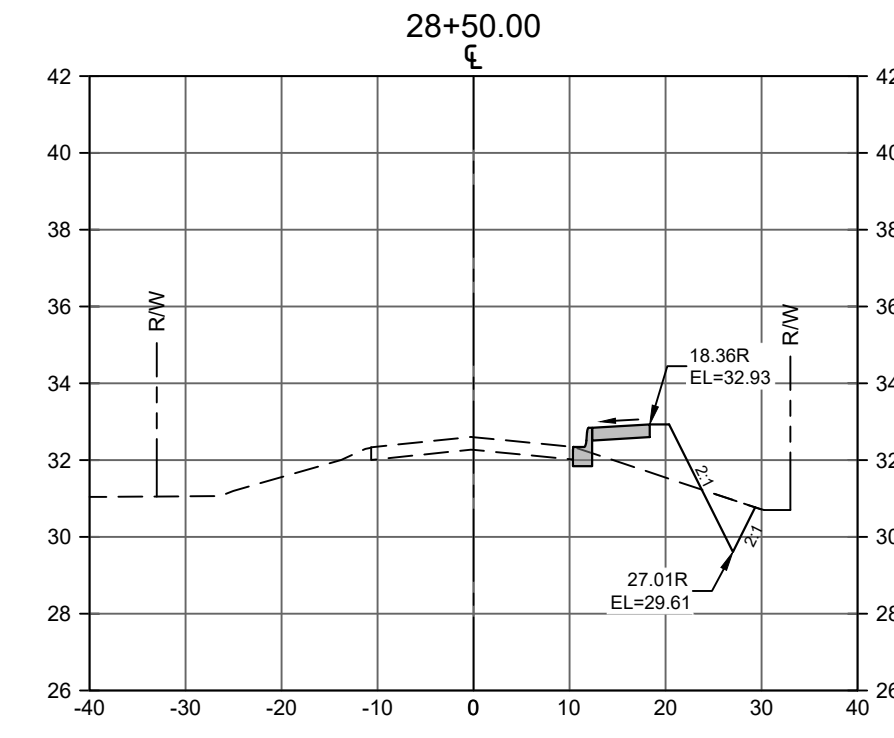
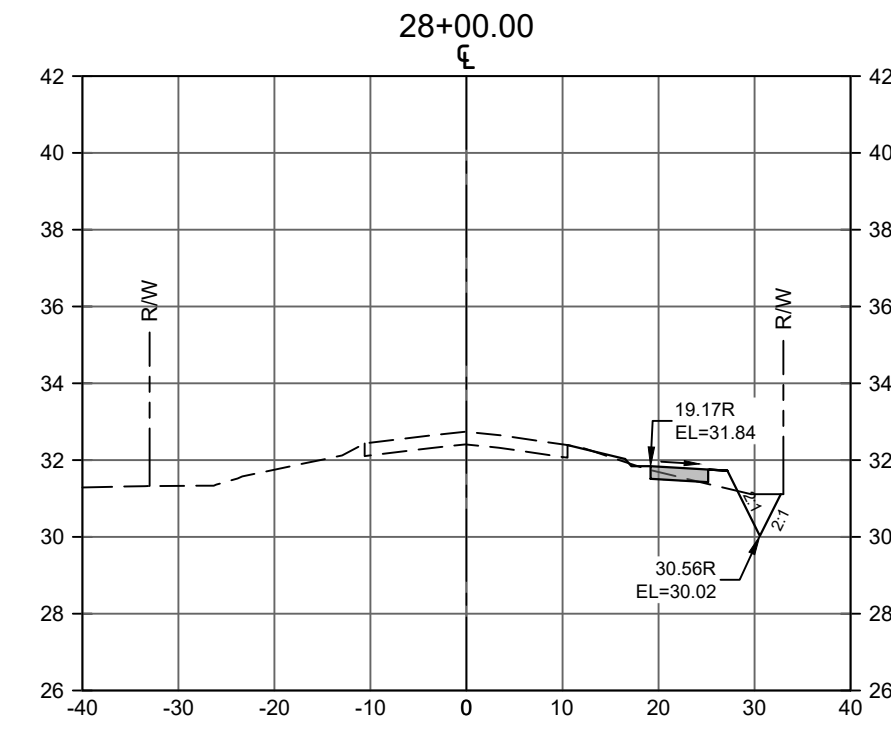
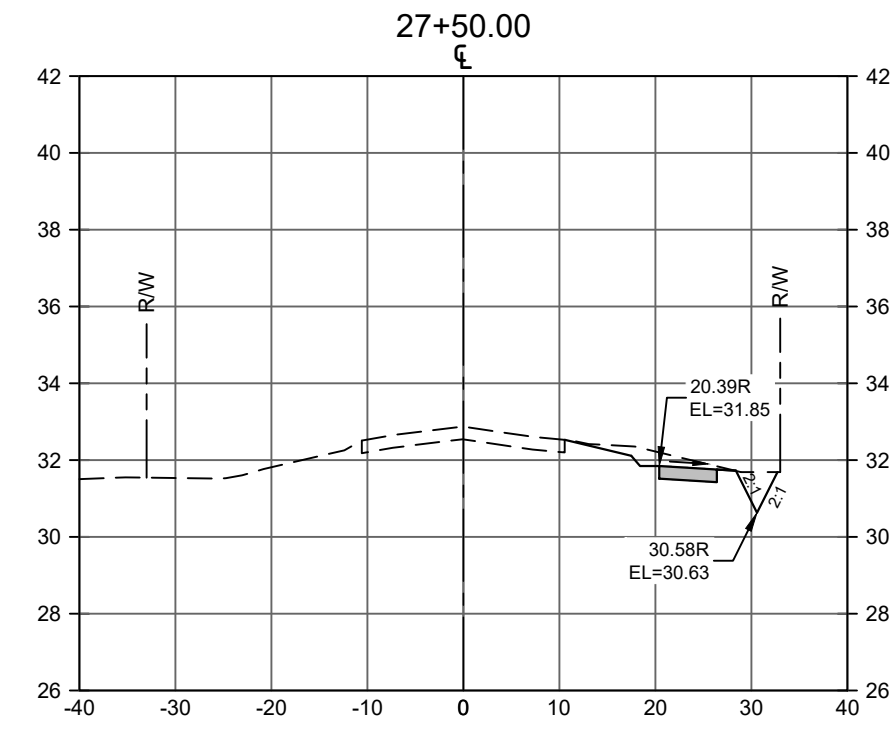
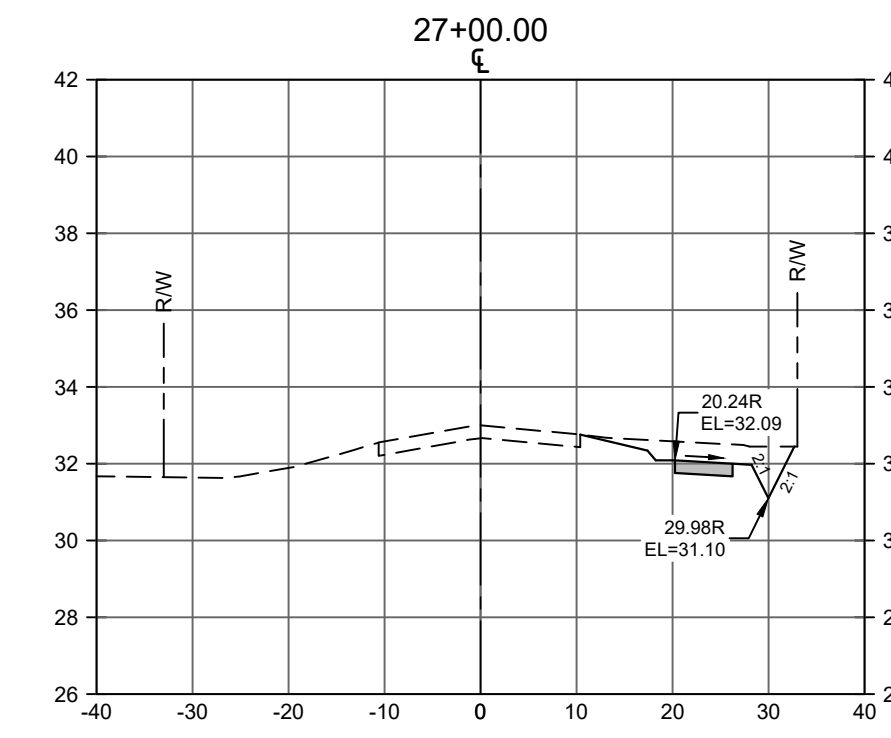
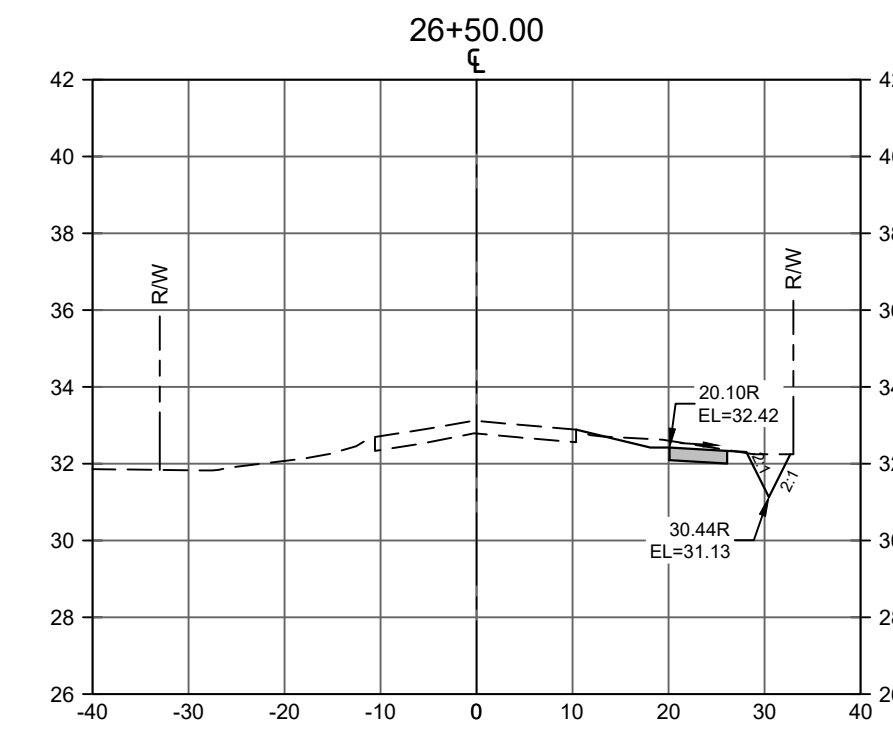
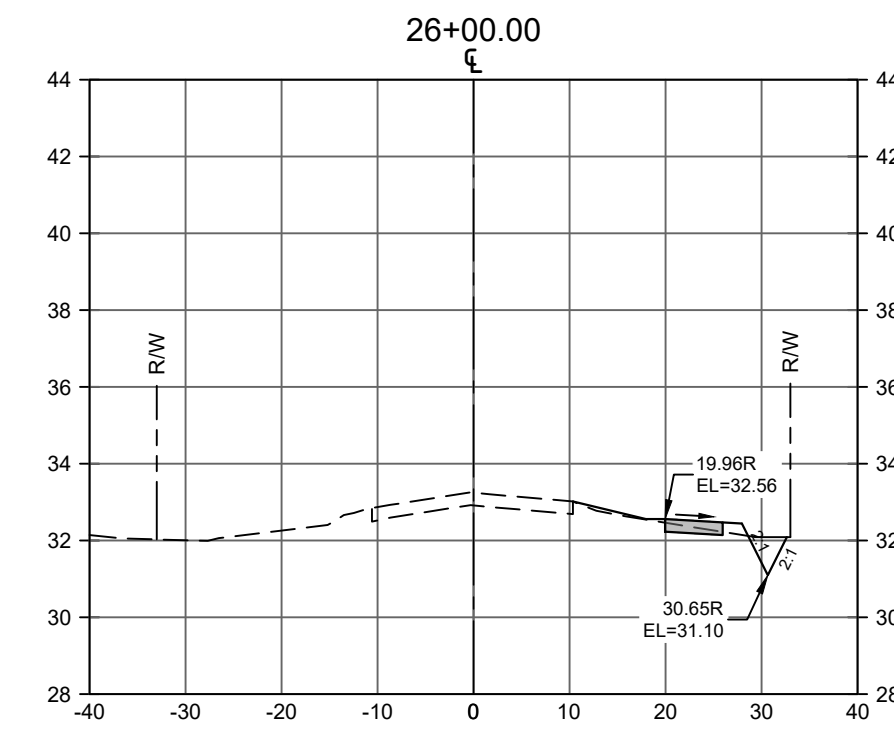
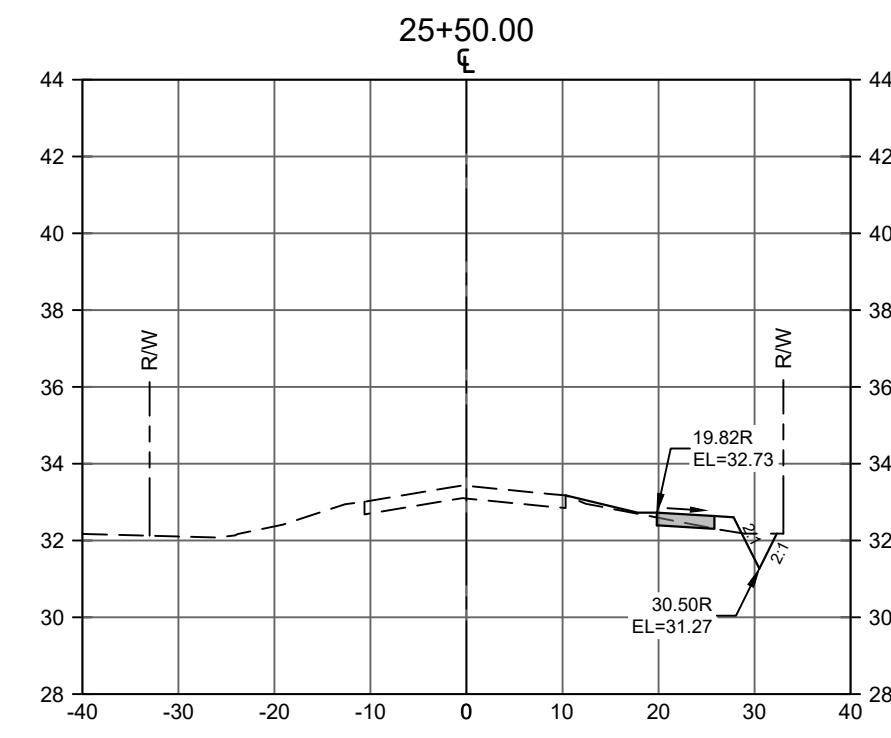
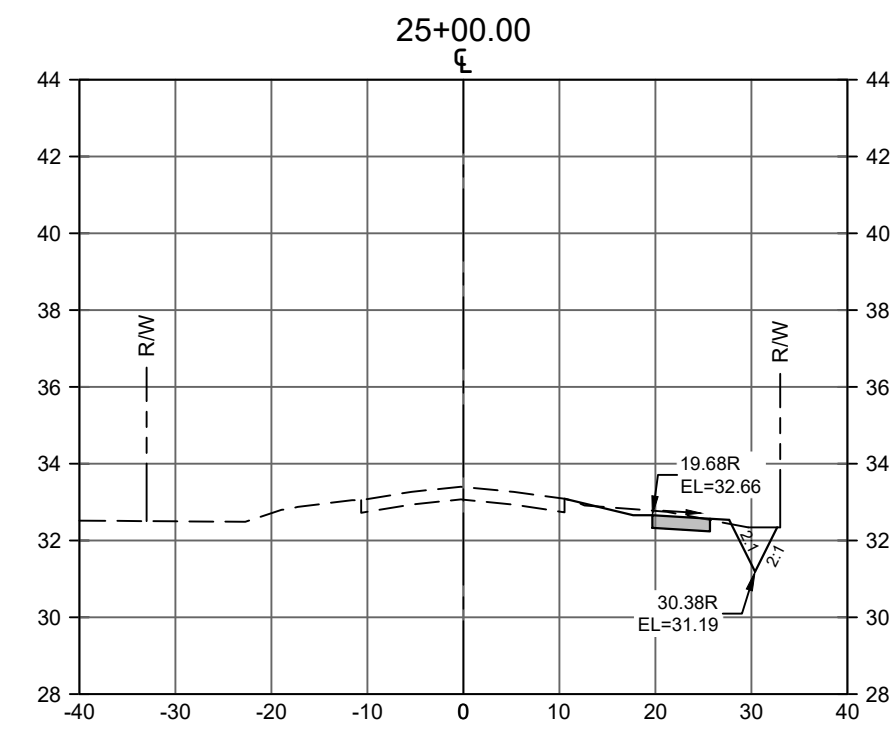
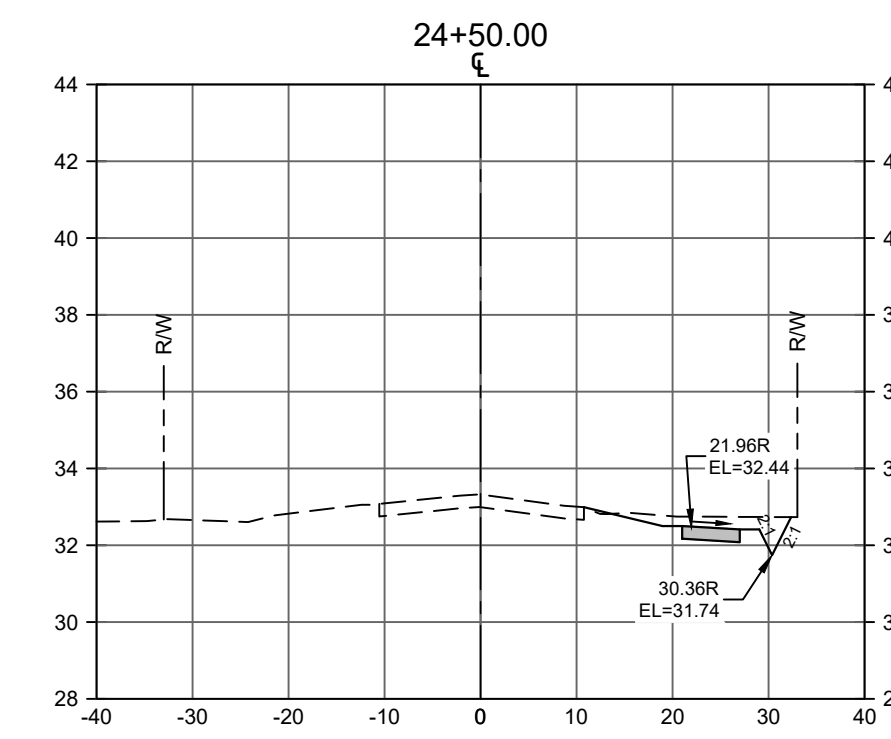
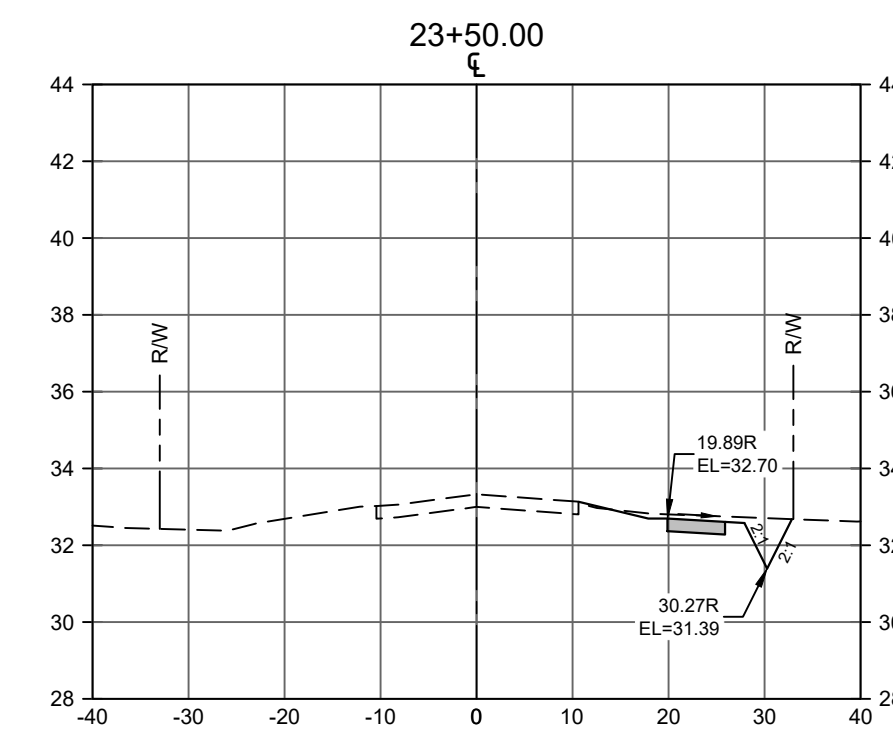
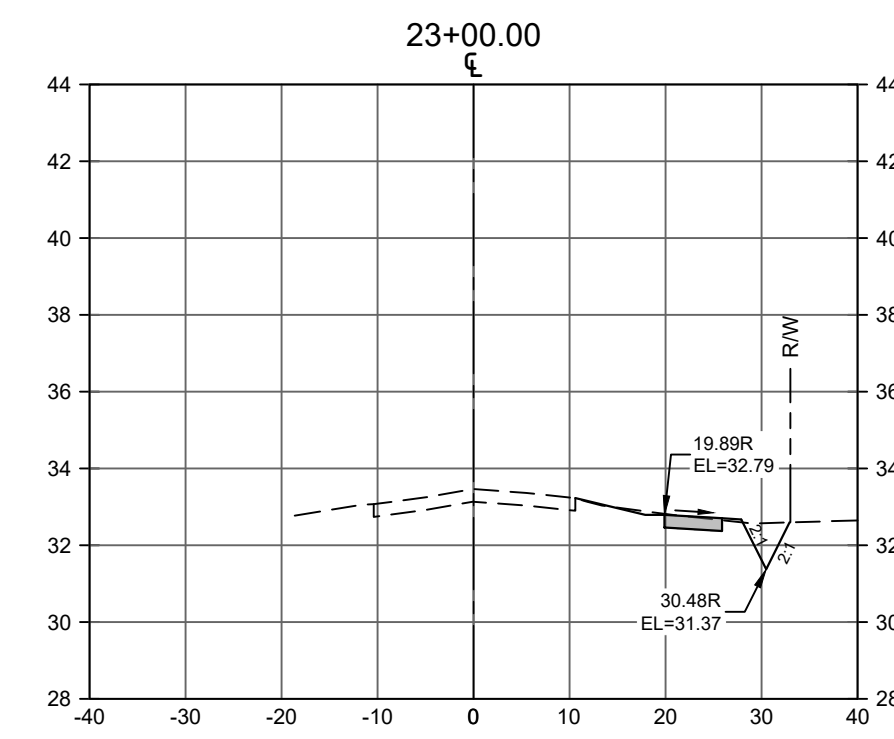
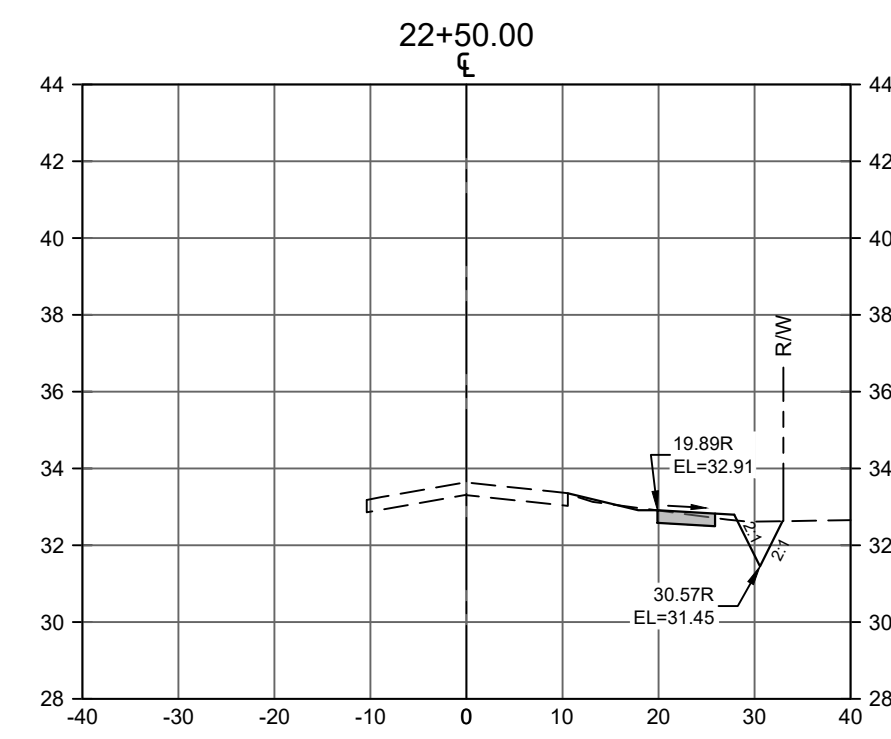
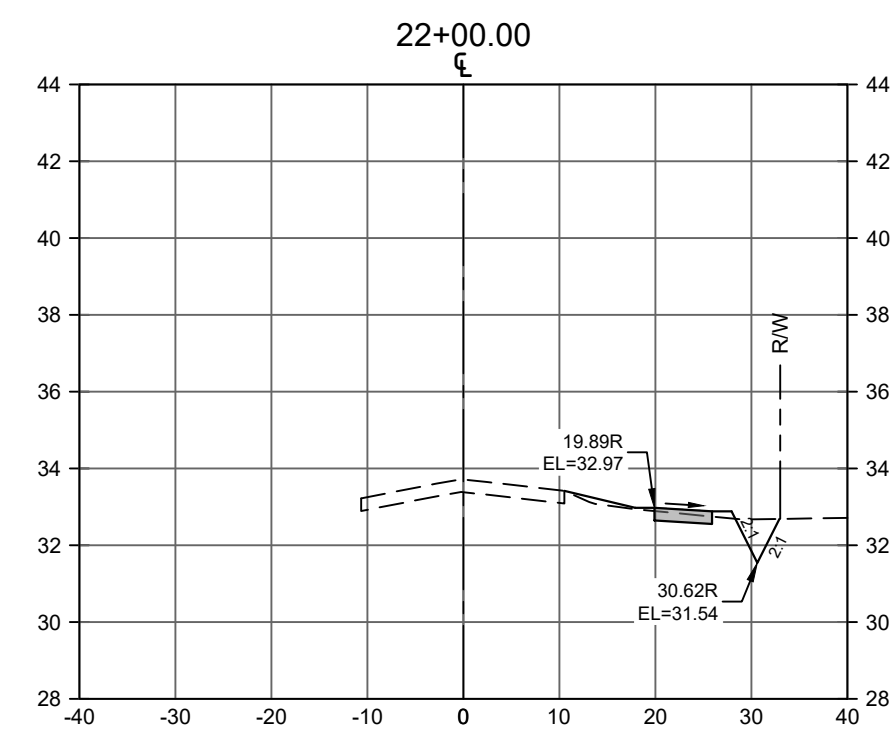
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 ISSUED: 02/15/2023  
 DRAWN BY: SRW  
 CHECKED BY: DWH  
 SCALE: 1"=20'

SHEET TITLE  
 SIDEWALK SECTIONS

10  
 SHEET NUMBER 10 OF 11

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FILE NAME: I:\66000\46278\001\CADD\Sheets\1\H46278.001\_LAYOUT.dwg DATE: February 15, 2023, TIME: 9:13 AM, USER: ah5014, AVO: 46278.001



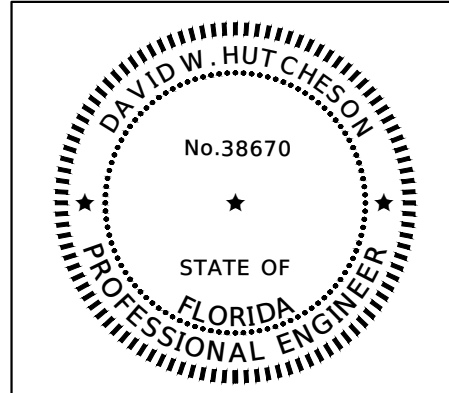
HILLS ROAD SIDEWALK  
HILLS ROAD  
PANAMA CITY BEACH, FL



**HALFF**  
FL CA 33380, FL LC 26000645, FL LB 8348  
HALFF ASSOCIATES, INC. SUITE 200  
2255 KILLEARN CENTER BLVD., SUITE 200  
PANAMA CITY BEACH, FL 32413  
TEL: (850) 224-4460 WWW.HALFF.COM

REVISION NO.	DATE	DESCRIPTION

**ISSUED FOR CONSTRUCTION**



DAVID W. HUTCHESON, P.E. 38670  
NAME: P.E. NO.  
DATE: 02/15/2023  
FL CA 33380, FL LC 26000645, FL LB 8348

PROJECT NO.: 46278.001  
ISSUED: 02/15/2023  
DRAWN BY: SRW  
CHECKED BY: DWH  
SCALE: 1"=20'

SHEET TITLE  
**SIDEWALK SECTIONS**

11  
SHEET NUMBER 11 OF 11

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