

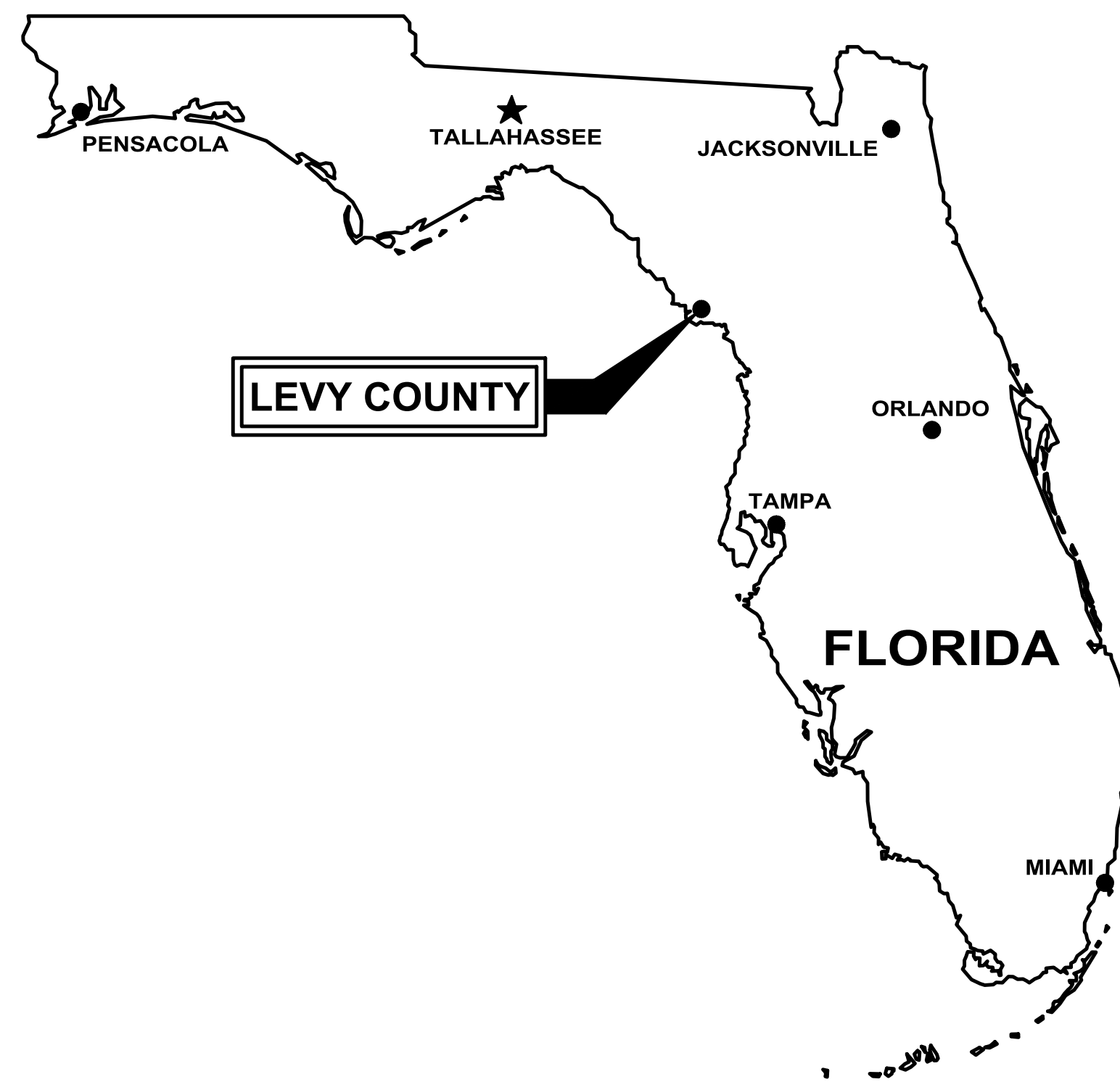
COUNTY OF LEVY, FLORIDA

CONTRACT DRAWINGS FOR

SHELL MOUND BOAT RAMP DREDGING

JANUARY 2026

BID SET - NOT FOR CONSTRUCTION



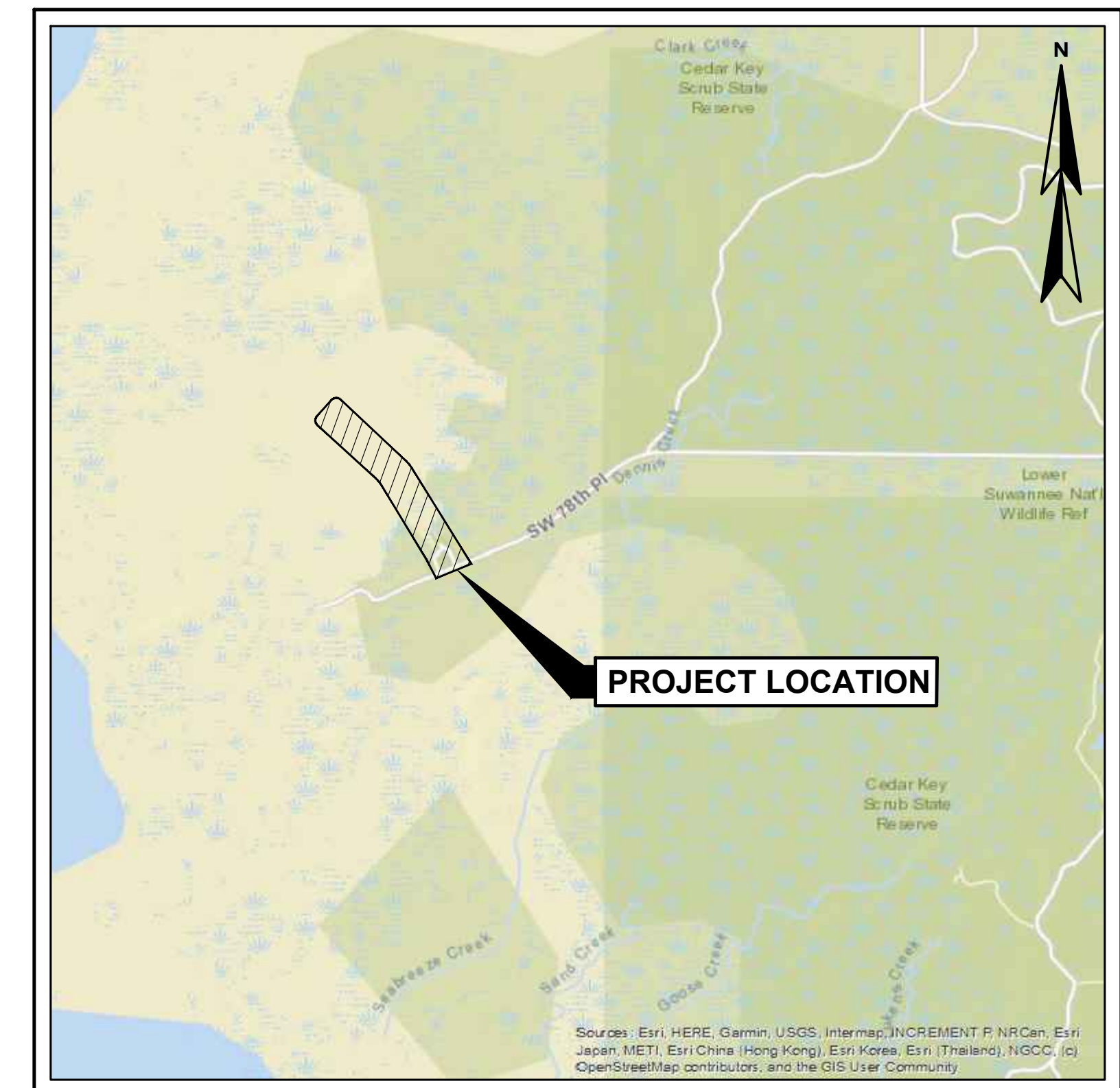
DRAWING INDEX

GENERAL

--- COVER SHEET

CIVIL

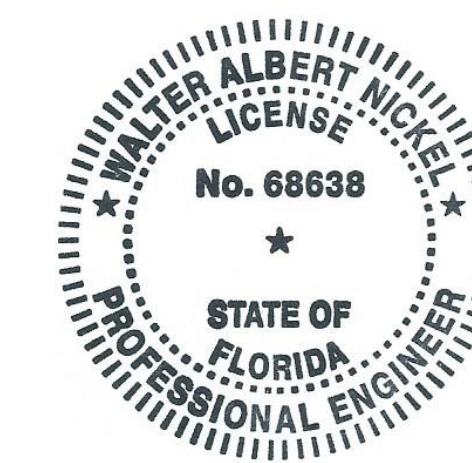
- C-1 GENERAL NOTES, LEGEND, AND ABBREVIATIONS
- C-2 EXISTING CONDITIONS
- C-3 DREDGING AND GRADING PLAN
- C-4 CROSS SECTIONS STA 1+00 TO STA 3+50
- C-5 CROSS SECTIONS STA 4+00 TO STA 6+50
- C-6 CROSS SECTIONS STA 7+00 TO STA 7+50
- C-7 CROSS SECTIONS STA 10+00 TO STA 12+50
- C-8 STORMWATER POLLUTION PREVENTION NOTES I
- C-9 STORMWATER POLLUTION PREVENTION NOTES II
- C-10 STORMWATER POLLUTION PREVENTION PLAN
- C-11 STORMWATER POLLUTION PREVENTION DETAILS
- C-12 TRAFFIC MAINTENANCE PLAN



LOCATION PLAN
SCALE: NTS

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SIGNED AND SEALED BY WALTER
ALBERT NICKEL, PE ON THE DATE
ADJACENT TO THE SEAL.

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DOCUMENT ARE NOT
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SEALED AND THE SIGNATURE
MUST BE VERIFIED ON ANY
ELECTRONIC COPIES.

GENERAL NOTES

- 1. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO BE FAMILIAR WITH THE APPLICABLE PROVISIONS OF EACH PERMIT AS THEY APPLY TO THE WORK PRIOR TO BIDDING AND ABIDE BY THOSE PROVISIONS DURING CONSTRUCTION. COPIES OF ALL OBTAINED PERMITS ARE AVAILABLE FOR REVIEW IN THE APPENDICES OF THE SPECIFICATIONS. ALL OTHER PERMITS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
2. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING TRAFFIC FLOW AT ALL TIMES. CONTRACTOR SHALL INSTALL AND MAINTAIN TRAFFIC CONTROL SIGNS IN ACCORDANCE WITH THE MUTCD AND ALL STATE AND LOCAL REGULATIONS. THE CONTRACTOR IS REQUIRED TO SUBMIT A TRAFFIC CONTROL PLAN TO THE OWNER PRIOR TO COMMENCING CONSTRUCTION. THE POLICE DEPARTMENT AND FIRE DEPARTMENT ARE TO BE NOTIFIED AT LEAST 24-HOURS IN ADVANCE OF ANY STREET CLOSING OR DETOUR. REFER TO SPECIFICATION SECTION 01570.
3. CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE REGULATIONS OF THE OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA).
4. CONTRACTOR SHALL COMPLY WITH THE COORDINATION REQUIREMENTS AND RELATED COSTS, IF ANY, AS SPECIFIED IN SPECIFICATION SECTION 01050.
5. CONTRACTOR SHALL NOTE THAT, IN GENERAL, ALL EXISTING CONDITION INFORMATION ON THE DRAWINGS ARE SHOWN WITH A LIGHTER LINE WEIGHT AND WITH A SLANTED TYPE TEXT.
6. IN THOSE INSTANCES WHERE POWER OR TELEPHONE POLE SUPPORT IS REQUIRED, THE CONTRACTOR SHALL PROVIDE A MINIMUM 48-HOUR NOTICE TO THE RESPECTIVE UTILITY POLE OWNER. NO ADDITIONAL PAYMENT WILL BE PROVIDED FOR TEMPORARY BRACING OF UTILITIES.

EXISTING SITE CONDITIONS

- 1. THE LOCATIONS OF UNDERGROUND UTILITIES AND STRUCTURES, AS SHOWN ON THE DRAWINGS, ARE APPROXIMATE AND MAY NOT BE COMPLETE. NO GUARANTEE IS MADE THAT UTILITIES OR STRUCTURES WILL BE ENCOUNTERED WHERE SHOWN, OR THAT ALL UNDERGROUND UTILITIES AND STRUCTURES ARE SHOWN. ALL LOCATIONS AND SIZES OF EXISTING UTILITIES AND STRUCTURES SHALL BE VERIFIED IN THE FIELD WITH TEST PITS AS REQUIRED PRIOR TO BEGINNING CONSTRUCTION OF NEW FACILITIES OR PIPING THAT MAY BE AFFECTED. THE CONTRACTOR WILL REALIGN NEW PIPE LOCATIONS AS REQUIRED TO CONFORM TO EXISTING LINES AND AS APPROVED BY THE ENGINEER.
2. BELOW GRADE UTILITY INFORMATION IS BASED ON INFORMATION PROVIDED BY EACH UTILITY. LOCATION OF PUBLIC UTILITIES SHOWN IS ONLY APPROXIMATE AND MAY NOT BE COMPLETE. PRIVATE UNDERGROUND UTILITIES SUCH AS, BUT NOT LIMITED TO, SEWER LINES, WATER LINES AND BURIED ELECTRICAL SERVICE ENTRANCES ARE NOT SHOWN. THE CONTRACTOR SHALL ASCERTAIN THE LOCATION AND SIZE OF EXISTING UTILITIES IN THE FIELD WITH THE RESPECTIVE UTILITY COMPANY REPRESENTATIVE PRIOR TO COMMENCING WORK. REFER TO SPECIFICATION SECTION 01050. ADDITIONAL TEST PITS, BEYOND THOSE SHOWN, MAY BE REQUIRED. UTILITY CONTACTS ARE AS FOLLOWS:
ELECTRIC: CENTRAL FLORIDA ELECTRIC COOPERATIVE 11491 NW 50TH AVE CHIEFLAND, FL 32626 352-493-2511
WATER/SEWER/DRAIN: LEVY COUNTY PARKS & RECREATION 620 N. HATHAWAY AVE BRONSON, FL 32621 352-486-5127
TELEPHONE/CABLE: AT&T DISTRIBUTION 6628 LAKESIDE ROAD WEST PALM BEACH, FL 33411 561-683-2729
DIG SAFE: SUNSHINE 811 11 PLANTATION ROAD DEBARY, FL 32713 811 OR 800-432-4770
3. THERE ARE NO KNOWN HAZARDOUS ENVIRONMENTAL CONDITIONS WITHIN THE AREA OF WORK. IF THE PRESENCE OF HAZARDOUS ENVIRONMENTAL CONDITIONS ARE DISCOVERED, THE CONTRACTOR SHALL NOTIFY THE OWNER AND THE ENGINEER IMMEDIATELY. ALL ACTIVITIES, HANDLING AND DISPOSAL OF HAZARDOUS ENVIRONMENTAL CONDITIONS AND MATERIALS SHALL BE IN ACCORDANCE WITH OSHA, FEDERAL, STATE, AND LOCAL REGULATIONS.

SITE DEMOLITION

- 1. REFER TO THE EXISTING SITE PLAN, FOR ADDITIONAL INFORMATION REGARDING EXISTING FACILITIES. REFER TO THE LAYOUT DRAWING FOR LIMITS OF WORK.
2. REFER TO SPECIFICATION SECTION 01010A, WHICH CONTAINS INFORMATION ON CONSTRAINTS OF CONSTRUCTION SEQUENCING.
3. DEMOLISH/REMOVE EXISTING PIPING AS REQUIRED FOR CONSTRUCTION OF NEW FACILITIES. ALL PIPING, EQUIPMENT AND MATERIALS TO BE DEMOLISHED AND/OR REMOVED FROM SERVICE SHALL BE COORDINATED WITH THE OWNER AND ENGINEER BEFORE COMMENCING THAT WORK. EXISTING PIPING THAT NEEDS TO BE REMOVED TO CONSTRUCT THE NEW FACILITIES, BUT IS TO REMAIN, SHALL BE REINSTALLED/REPLACED AS NEEDED. EXISTING PIPES AND CONDUIT DESIGNATED AS "ABANDONED" MAY BE REMOVED IF THE CONTRACTOR SO CHOOSES. IF ABANDONED PIPE CONFLICTS WITH NEW SITE PIPING OR FACILITIES, THEN A PORTION OF THE ABANDONED PIPE SHALL BE REMOVED, AND THE NEW ENDS OF ABANDONED PIPE CAPPED OR PLUGGED WITH CONCRETE.
4. SEVERING OF EXISTING UTILITIES FOR ABANDONMENT, OR REMOVAL OF A SEGMENT FROM SERVICE, SHALL BE PERFORMED IN SUCH A MANNER AS TO ALLOW THE REMAINING ACTIVE SEGMENT TO CONTINUE IN ITS INTENDED SERVICE. CAP ACTIVE SEGMENTS WITH APPROPRIATE FITTINGS, JOINT RESTRAINT, ETC. TO ENSURE THEIR INTEGRITY. PLUG ENDS OF ABANDONED PIPE SEGMENTS WITH CONCRETE UNLESS SPECIAL CIRCUMSTANCES DICTATE PLUGGING ABANDONED PIPES WITH BLIND FLANGES, RESTRAINED MECHANICAL JOINT PLUGS, ETC. AS APPROPRIATE.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING AND DISPOSING OF ALL DEMOLISHED PIPING, EQUIPMENT AND MATERIALS. DISPOSAL SHALL BE IN ACCORDANCE WITH ALL STATE AND LOCAL REGULATIONS. THE OWNER RESERVES THE RIGHT TO RETAIN ANY SUCH PIPING, EQUIPMENT AND MATERIALS DESIGNATED FOR DEMOLITION. SUCH MATERIALS TO BE RETAINED SHALL BE PROPERLY STORED IN AN ON-SITE LOCATION. COORDINATE LOCATION AND MATERIALS TO BE SALVAGED WITH THE OWNER/ENGINEER.
6. THE CONTRACTOR SHALL KEEP A RECORD OF DEMOLITION AS PART OF THE PROJECT RECORD DOCUMENTS IN ACCORDANCE WITH SPECIFICATION SECTION 01720.
7. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE APPROPRIATE DISPOSAL OF FLOWS RESULTING FROM PRECIPITATION AND GROUNDWATER DEWATERING OPERATIONS.

SITE CLEARING, GRUBBING AND GRADING

- 1. STRIPPING OF TOPSOIL SHALL BE IN ACCORDANCE WITH SPECIFICATION SECTION 02115. REFER TO THE LAYOUT AND GRADING DRAWINGS FOR LIMIT OF WORK AND STRIPPING.
2. CONTRACTOR SHALL MINIMIZE CLEARING OPERATIONS. CLEARING AND GRUBBING SHALL BE IN ACCORDANCE WITH SPECIFICATION SECTION 02110. CLEARING LIMITS SHALL BE AS INDICATED ON THE DRAWINGS, BUT AT ALL TIMES WITHIN EXISTING ROAD RIGHTS OF WAY AND PROPERTY LINES ON STATE OR COUNTY OWNED PROPERTY OR EASEMENTS. ALL CLEARING AND GRUBBING MATERIAL SHALL BE THE PROPERTY OF THE CONTRACTOR AND SHALL BE DISPOSED OF AT A SITE PROVIDED BY THE CONTRACTOR IN COMPLIANCE WITH ALL STATE AND LOCAL LAWS.
3. CONTRACTOR SHALL PROVIDE PROPER EROSION CONTROL AND DRAINAGE MEASURES IN ALL AREAS OF WORK, AND CONFINE SOIL SEDIMENT TO WITHIN THE LIMITS OF EXCAVATION AND GRADING. PRIOR TO BEGINNING EXCAVATION WORK, EROSION CONTROL FENCE SHALL BE INSTALLED AT THE DOWN GRADIENT PERIMETER OF THE ACTUAL LIMITS OF GRUBBING AND/OR GRADING, AND AS SHOWN ON THE DRAWINGS. EROSION CONTROL MEASURES SHOWN ON THE DRAWINGS ARE A MINIMUM, CONTRACTOR SHALL TAKE ALL OTHER NECESSARY MEASURES. EROSION CONTROL FENCE SHALL ALSO BE INSTALLED AT THE DOWN GRADIENT PERIMETER OF THE TOPSOIL STOCKPILES. ALL DISTURBED EARTH SURFACES SHALL BE STABILIZED IN THE SHORTEST PRACTICAL TIME AND TEMPORARY EROSION CONTROL DEVICES SHALL BE EMPLOYED UNTIL SUCH TIME AS ADEQUATE SOIL STABILIZATION HAS BEEN ACHIEVED. TEMPORARY STORAGE OF EXCAVATED MATERIAL SHALL BE STABILIZED IN A MANNER THAT WILL MINIMIZE EROSION. ALL INSTALLED EROSION CONTROL FACILITIES SHALL BE REMOVED AT THE END OF THE PROJECT. REFER TO SPECIFICATION SECTION 02270.
4. ALL STORM DRAINAGE INLETS SHALL BE PROTECTED BY HAY BALE FILTERS TO PREVENT ENTRY OF SEDIMENT FROM RUNOFF WATERS DURING CONSTRUCTION. CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL AND DISPOSAL OF ALL COLLECTED SEDIMENT, AND THAT WHICH COLLECTS IN THE STORM DRAIN SYSTEM. REFER TO THE CIVIL DETAIL DRAWINGS.
5. THE GEOTECHNICAL DATA REPORT FOR THE PROJECT SITE IS INCLUDED IN APPENDIX A AND IS DESCRIBED IN SPECIFICATION SECTION 00800 (SUPPLEMENTAL CONDITIONS).
6. CONTRACTOR SHALL CONTROL DUST ON THE CONSTRUCTION SITE TO A REASONABLE LIMIT, AS DETERMINED BY THE ENGINEER, AND AS OUTLINED IN SPECIFICATION SECTION 01562.

- 7. CONTRACTOR SHALL NOT TRACK OR SPILL EARTH, DEBRIS OR OTHER CONSTRUCTION MATERIAL ON PUBLIC OR PRIVATE STREETS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMMEDIATE ASSOCIATED CLEAN UP.
8. THE CONTRACTOR SHALL NOT HAVE ANY RIGHT OF PROPERTY IN ANY MATERIALS TAKEN FROM ANY EXCAVATION. SUITABLE EXCAVATED MATERIAL MAY BE INCORPORATED IN THE PROJECT, WITH EXCESS MATERIAL DISPOSED OF AT A LOCATION PROVIDED BY THE CONTRACTOR. THESE PROVISIONS SHALL IN NO WAY RELIEVE THE CONTRACTOR OF OBLIGATIONS TO PROPERLY DISPOSE OF AND REPLACE ANY MATERIAL DETERMINED BY THE ENGINEER TO BE UNSUITABLE FOR BACKFILLING. THE CONTRACTOR SHALL DISPOSE OF UNSUITABLE AND EXCESS MATERIAL IN ACCORDANCE WITH THE APPLICABLE SECTIONS OF THE CONTRACT DOCUMENTS.
9. CONTRACTOR SHALL REMOVE AND REPLACE, OR REPAIR, ALL CURBS, SIDEWALKS, PAVEMENT AND OTHER ITEMS DAMAGED BY CONSTRUCTION ACTIVITIES TO AT LEAST THEIR ORIGINAL CONDITION, TO THE SATISFACTION OF THE OWNER AND ENGINEER.
10. ALL NON-ROADWAY AREAS THAT ARE EXCAVATED, FILLED, OR OTHERWISE DISTURBED BY THE CONTRACTOR SHALL BE GRADED AND SODDED, UNLESS OTHERWISE NOTED. REFER TO SPECIFICATION SECTION 02000.

CIVIL SITE LAYOUT

- 1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING THIS PROVIDED LAYOUT INFORMATION THROUGHOUT THE COURSE OF CONSTRUCTION. REPORT ANY LAYOUT DISCREPANCIES IMMEDIATELY TO THE ENGINEER.
2. THE LOCATIONS AND LIMITS OF ALL ON-SITE WORK AND STORAGE AREAS SHALL BE REVIEWED/COORDINATED WITH, AND ACCEPTABLE TO, THE OWNER AND ENGINEER. THE CONTRACTOR SHALL LIMIT ACTIVITIES TO THESE AREAS.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR RE-ESTABLISHING AND RESETTING ALL EXISTING PROPERTY MONUMENTATION DISTURBED BY CONSTRUCTION. THIS WORK SHALL BE DONE BY A LAND SURVEYOR REGISTERED IN THE STATE OF FL, AT NO ADDITIONAL COST TO THE OWNER.
4. WRITTEN DIMENSIONS SHALL PREVAIL. DO NOT SCALE DISTANCES FROM THE DRAWINGS. REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ENGINEER.
5. ALL ELEVATIONS REFER TO THE NAVD88 DATUM. ORIENTATION IS GRID NORTH ON THE NAD 1983 FLORIDA WEST ZONE, 2011 ADJUSTMENT, US SURVEY FEET COORDINATE SYSTEM. PROJECT BENCH MARK IS SHOWN ON THE DRAWINGS. AND IS DERIVED FROM NATIONAL GEODETIC SURVEY CONTROL STATION "AK 30 RESET" WITH AN ELEVATION OF 9.43 FEET. CONTRACTOR SHALL VERIFY BENCHMARK ELEVATIONS PRIOR TO USING IN CONSTRUCTION.
6. EXISTING CONDITIONS DEVELOPED FROM SURVEY DRAWING PREPARED BY SURVTECH SOLUTIONS, INC, DATED 3/16/2022.

CIVIL SITE PIPING

- 1. ALL EXISTING UTILITIES ENCOUNTERED DURING CONSTRUCTION ARE TO REMAIN IN SERVICE UNLESS OTHERWISE NOTED ON THE CIVIL EXISTING CONDITIONS AND DEMOLITION PLAN. ANY EXISTING UTILITIES DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
2. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OF ALL DEMOLITION MATERIALS IN ACCORDANCE WITH SPECIFICATION SECTION 02050.

WATER GENERAL NOTES

- 1. WHERE NEW PIPING IS TO BE CONNECTED TO EXISTING PIPING, THE CONTRACTOR SHALL FURNISH AND INSTALL ALL ADAPTERS, FITTINGS, AND ADDITIONAL PIPE AS REQUIRED TO COMPLETE THE CONNECTION. CONTRACTOR SHALL VERIFY LOCATION, ELEVATION, ORIENTATION AND MATERIAL OF CONSTRUCTION. TEST PITS SHALL BE USED AS REQUIRED.
2. ALL EXISTING UTILITIES ENCOUNTERED DURING CONSTRUCTION ARE TO REMAIN IN SERVICE UNLESS OTHERWISE NOTED. AT NO ADDITIONAL COST TO THE OWNER THE CONTRACTOR SHALL REPAIR OR COORDINATE WITH THE RESPECTIVE UTILITY ON DAMAGE TO EXISTING UTILITIES.
3. EXISTING VALVES AND FITTINGS SALVAGED FOR REUSE SHALL BE STORED AT AN OWNER APPROVED LOCATION AND REMAIN PROPERTY OF THE OWNER.

CIVIL ABBREVIATIONS

Table listing civil abbreviations such as AND, DIAMETER, NUMBER, ASBESTOS CEMENT, APPROVED, BRICK, BUILDING, CATCH BASIN, CENTER, CUBIC FEET PER SECOND, CAST IRON, CURED-IN-PLACE PIPE, CENTERLINE, CORRUGATED METAL PIPE, CLEANOUT, CONCRETE, CORNER, CUBIC YARD, DEMOLITION, DRAIN MANHOLE, DUCTILE IRON, DRAIN, DRAWING, SEWER, ELEVATION, ELECTRIC MANHOLE, FORCE MAIN, FEET, GAS, HIGH DENSITY POLYETHYLENE, HYDRANT, INCH, INFLUENT, INVERT, POUNDS, LINEAR FOOT, MAXIMUM MANHOLE, MINIMUM, MONITORING WELL, DRILLHOLE, NORTH, MONUMENT, SURVEY CONTROL POINT, SPOT ELEVATION, SEWER MANHOLE, DRAINAGE MANHOLE, CATCH BASIN, ELECTRIC MANHOLE, TELEPHONE MANHOLE, SHUTOFF VALVE, WATER SERVICE SHUTOFF, YARD HYDRANT, REQUIRED, HYDRANT, GAS SERVICE SHUTOFF, GAS GATE VALVE, UTILITY POLE, UTILITY POLE W/ GUY, UTILITY POLE W/ LIGHT, LIGHT POLE, THICKNESS, TOP OF STRUCTURE, TYPICAL, UNDERDRAIN, UNDERGROUND, UNDERGROUND ELECTRIC, VITRIFIED CLAY, VERTICAL FOOT, WITH, POTABLE WATER.

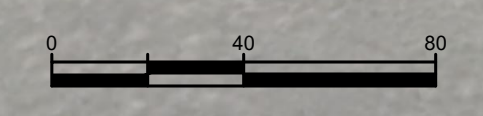
Legend table with columns for EXISTING and PROPOSED symbols and their corresponding descriptions: PROPERTY/ROW LINE, SETBACK LINE, EASEMENT LINE, CENTERLINE, EDGE OF PAVEMENT, CURBING, EDGE OF GRAVEL, EDGE OF CONCRETE, CONTOUR, BUILDING, STONEWALL, TREELINE, CHAIN LINK FENCE, STOCKADE FENCE, BARB WIRE FENCE, RETAINING WALL, GUARDRAIL, SEWER, SEWER FORCE MAIN, GAS, WATER, STORM DRAIN, UNDERDRAIN, CULVERT, UNDERGROUND ELECTRIC, OVERHEAD ELECTRIC, UNDERGROUND TELEPHONE, UNDERGROUND CABLE TV, IRON PIPE/REBAR, DRILLHOLE, NORTH, MONUMENT, SURVEY CONTROL POINT, SPOT ELEVATION, SEWER MANHOLE, DRAINAGE MANHOLE, CATCH BASIN, ELECTRIC MANHOLE, TELEPHONE MANHOLE, SHUTOFF VALVE, WATER SERVICE SHUTOFF, YARD HYDRANT, REQUIRED, HYDRANT, GAS SERVICE SHUTOFF, GAS GATE VALVE, UTILITY POLE, UTILITY POLE W/ GUY, UTILITY POLE W/ LIGHT, LIGHT POLE, BOLLARD, FLAGPOLE, CONIFEROUS TREE, DECIDUOUS TREE, SHRUB, WETLAND FLAG, EDGE OF WATER, STREAM, EDGE OF WETLANDS, FLOODPLAIN, WETLANDS, DRAINAGE FLOW, DRAINAGE SWALE, PAVEMENT MARKINGS, SIGN, MAILBOX, TEMPORARY BENCH MARK, TEST PIT, TEST BORING, TEST PROBE, MONITORING WELL, LIMIT OF WORK, SILT FENCE, RIPRAP, RAILROAD, MATCHLINE, ROCK OUTCROP, HEAVY DUTY PAVEMENT, NORMAL DUTY PAVEMENT, WALKWAY PAVEMENT, WATER METER.

Project information and title block including: PROJECT NO: 20850, DESIGNED BY: M.HOFFMAN, CAD COORD: D.METZ, CHECKED BY: WANKEL, DATE: 12/2023, APPROVED BY: M.HOFFMAN, DATE: 07/2024, SUBMISSION: BID SET - NEC. Title: COUNTY OF LEVY, FLORIDA SHELL MOUND BOAT RAMP IMPROVEMENTS. Drawing: C-1.



EXISTING CONDITIONS NOTES

1. EXISTING CONDITIONS WAS PREPARED BASED ON THE SURVEY PROVIDED BY SURVTECH SOLUTIONS, INC. DATED 3/16/2022.
2. THE HORIZONTAL DATUM UTILIZED FOR THIS PROJECT IS NAD 1983 FLORIDA WEST ZONE, 2011 ADJUSTMENT, U.S. SURVEY FEET. SAID DATUM WAS ESTABLISHED BY UTILIZING THE FLORIDA PERMANENT REFERENCE NETWORK (FPRN).
3. THE VERTICAL DATUM UTILIZED FOR THIS PROJECT IS NAVD 1988, U.S. SURVEY FEET. THE BENCHMARK UTILIZED WAS NATIONAL GEODETIC SURVEY (NGS) CONTROL STATION "AK 30 RESET" WITH AN ELEVATION OF 9.43 FEET.
4. ALL UTILITIES DEPICTED HEREON ARE FROM VISIBLE EVIDENCE ONLY. SUBSURFACE UTILITY LOCATOR SERVICE WAS NOT CONTACTED.
5. NO UNDERGROUND FOUNDATIONS OR FOOTERS WERE EXCAVATED OR LOCATED.

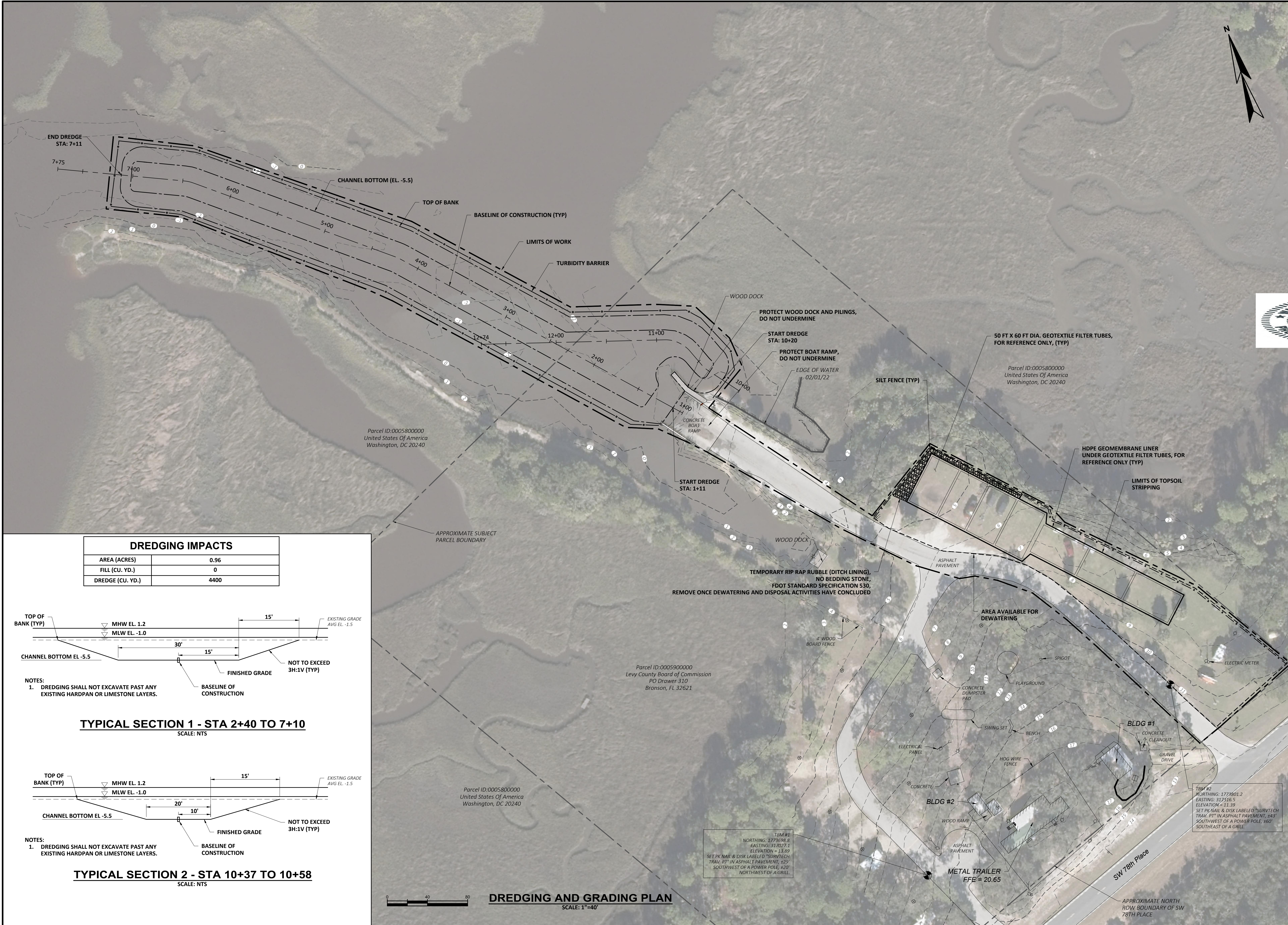


EXISTING CONDITIONS
SCALE: 1"=40'

PROJECT NO: 20850		DESIGNED: M.HOFFMAN	APP'D DATE:
CAD COORD: D.METZ		CAD: D.METZ	
CHECKED: WANKEL		DATE: 12/2023	
APPROVED: M.HOFFMAN		DATE: 07/2024	
SUBMISSION: BID SET - IFC			

NO	REVISIONS	APP'D DATE

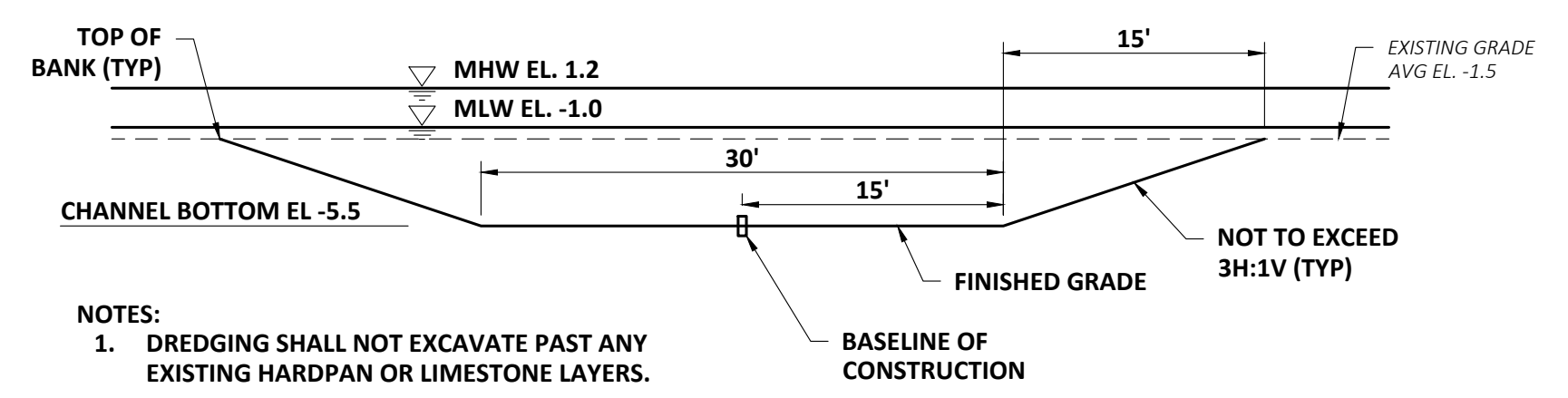
WRIGHT-PIERCE 800.422.1095 www.wright-pierce.com 3820 NORTHDALE BOULEVARD, SUITE 109A, TAMPA, FL 33624	
COUNTY OF LEVY, FLORIDA SHELL MOUND BOAT RAMP IMPROVEMENTS	EXISTING CONDITIONS



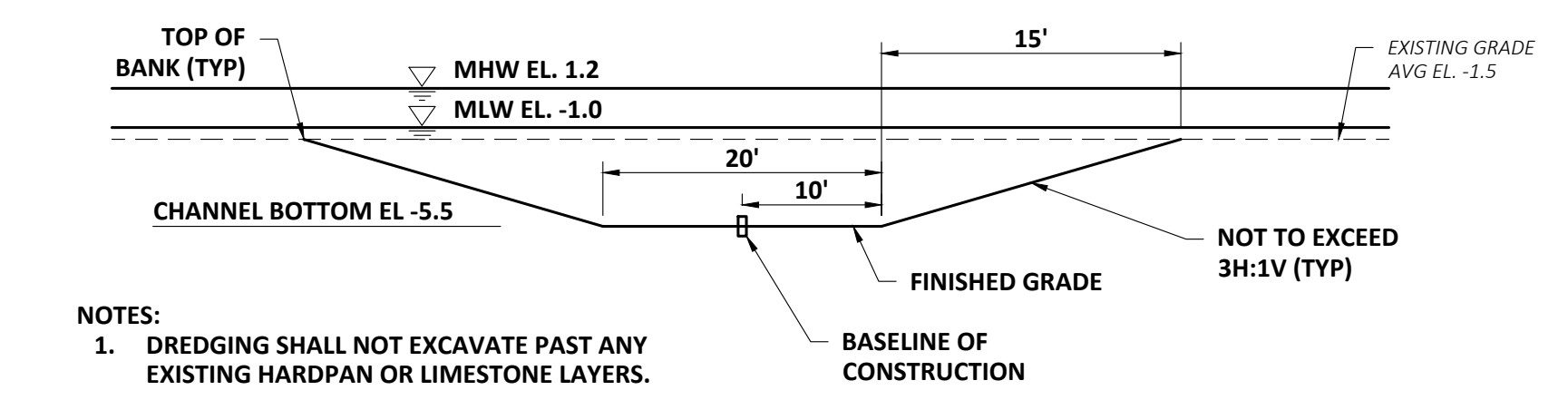
NO	REVISIONS	DATE



DREDGING IMPACTS	
AREA (ACRES)	0.96
FILL (CU. YD.)	0
DREDGE (CU. YD.)	4400



TYPICAL SECTION 1 - STA 2+40 TO 7+10
SCALE: NTS

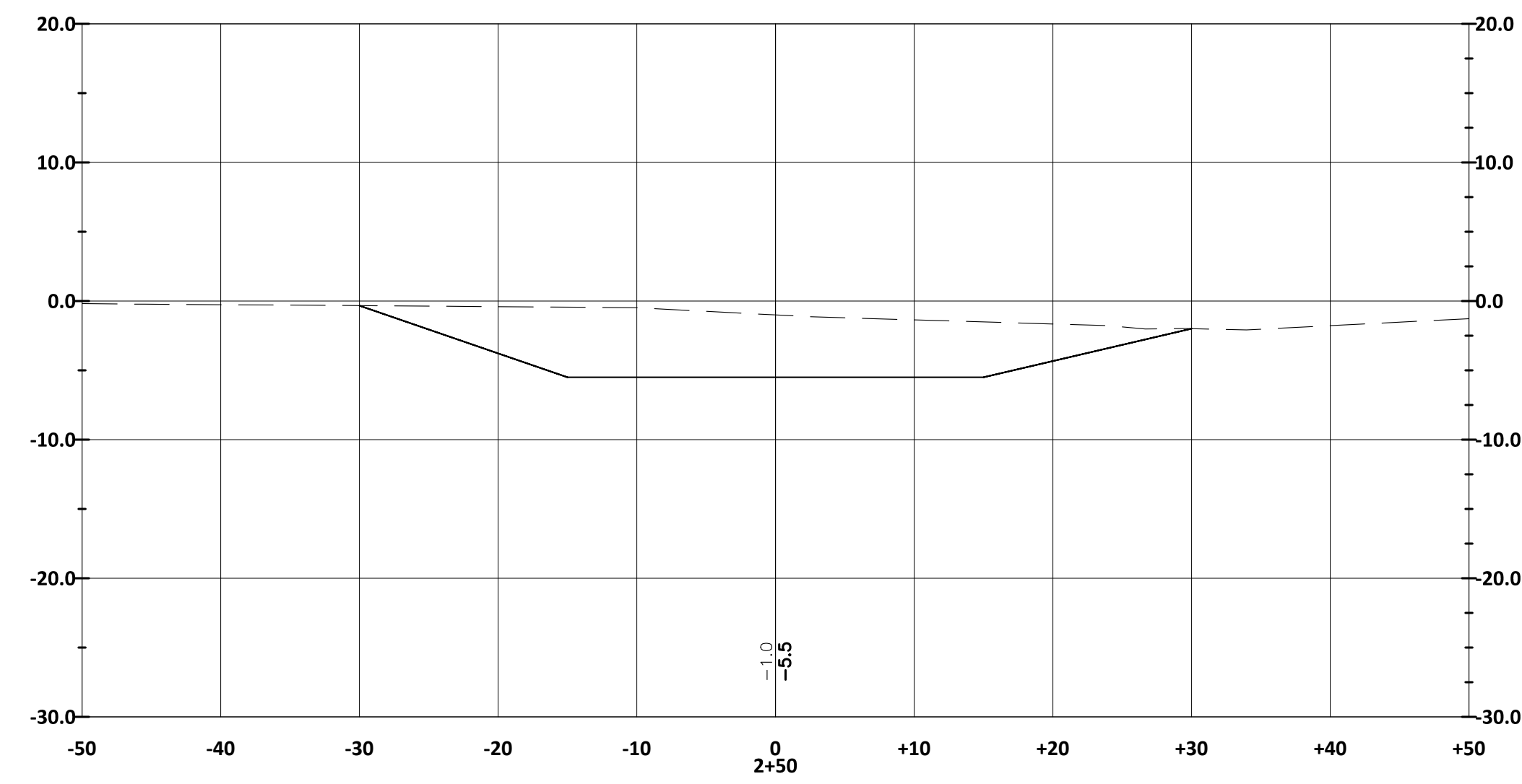
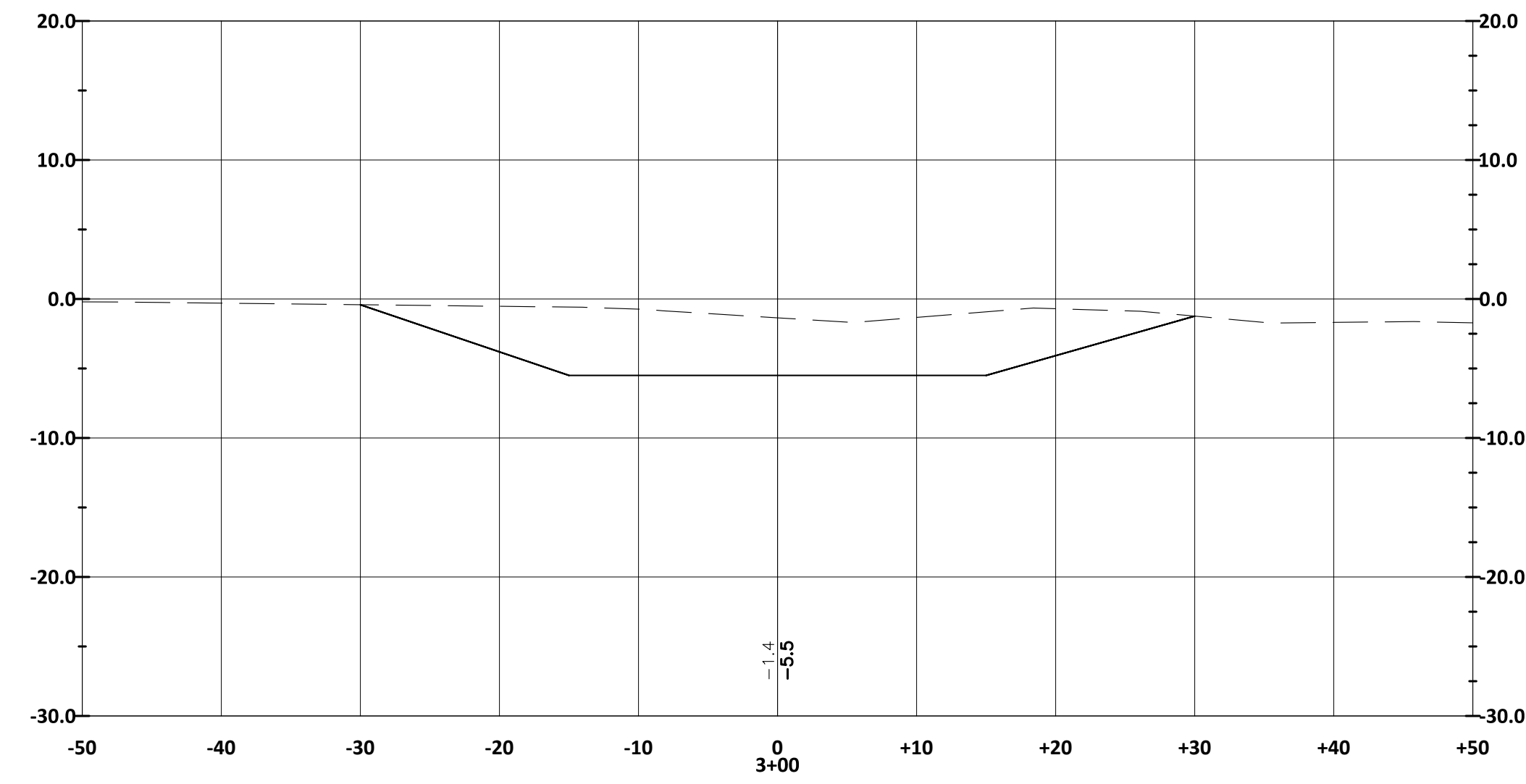
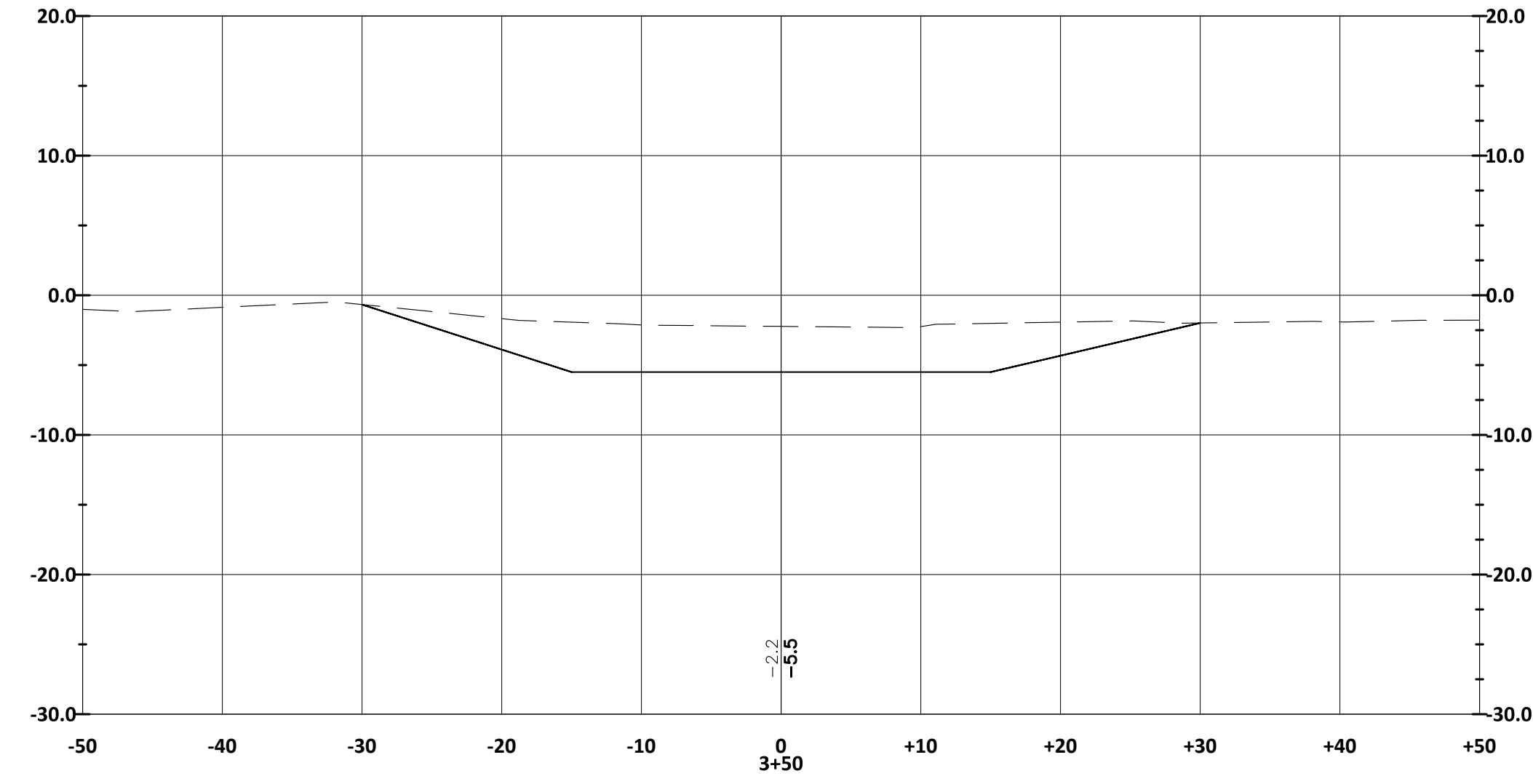
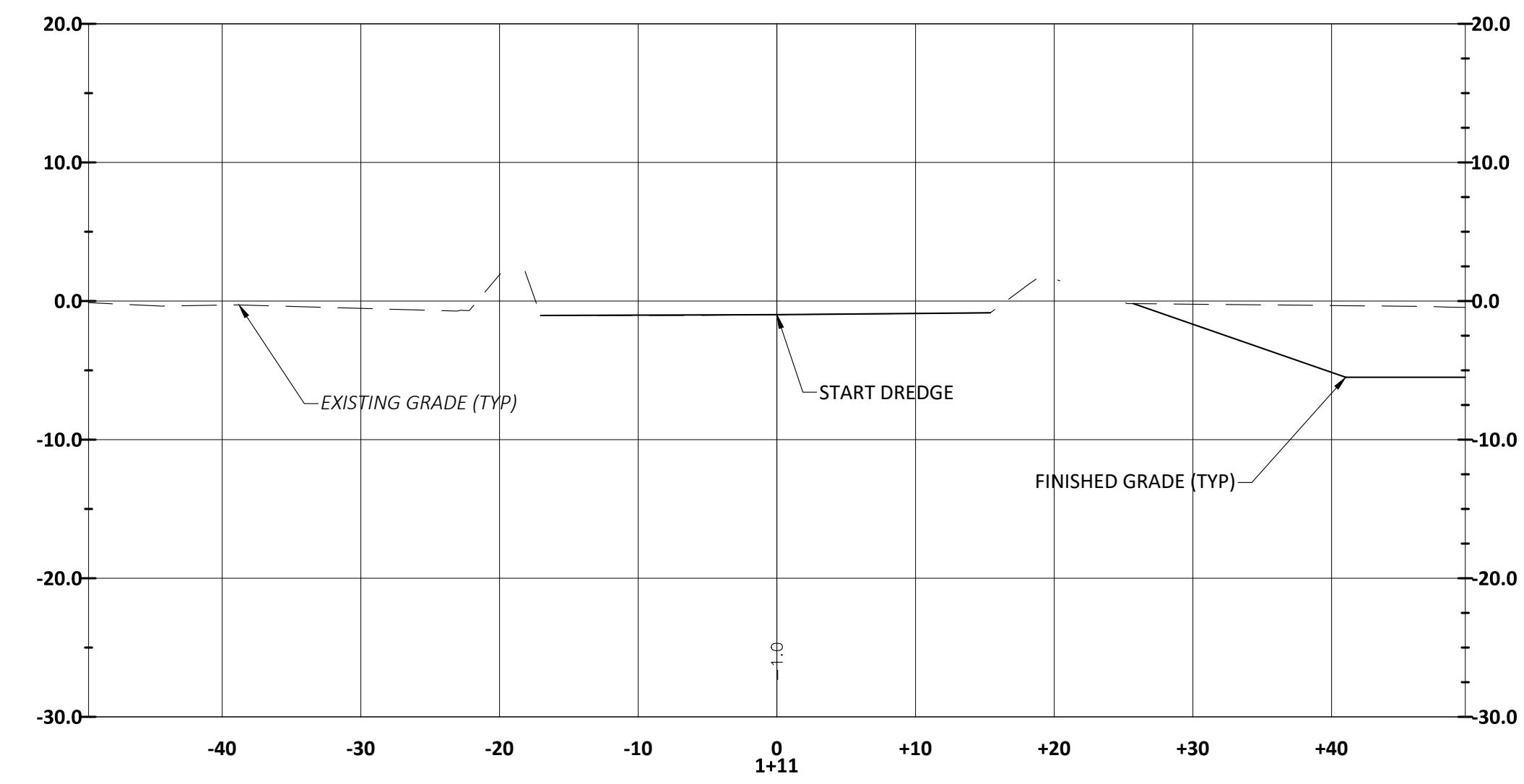
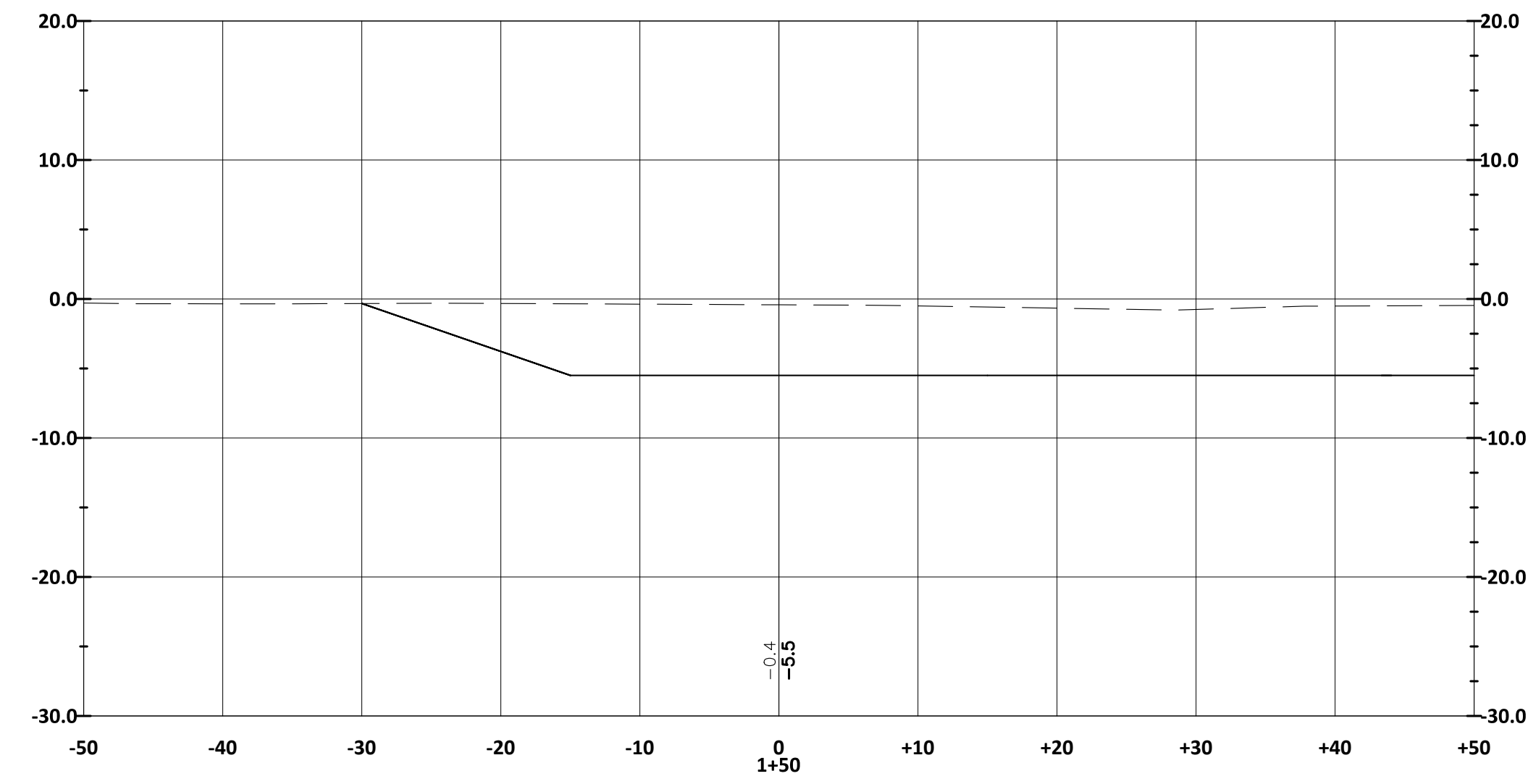
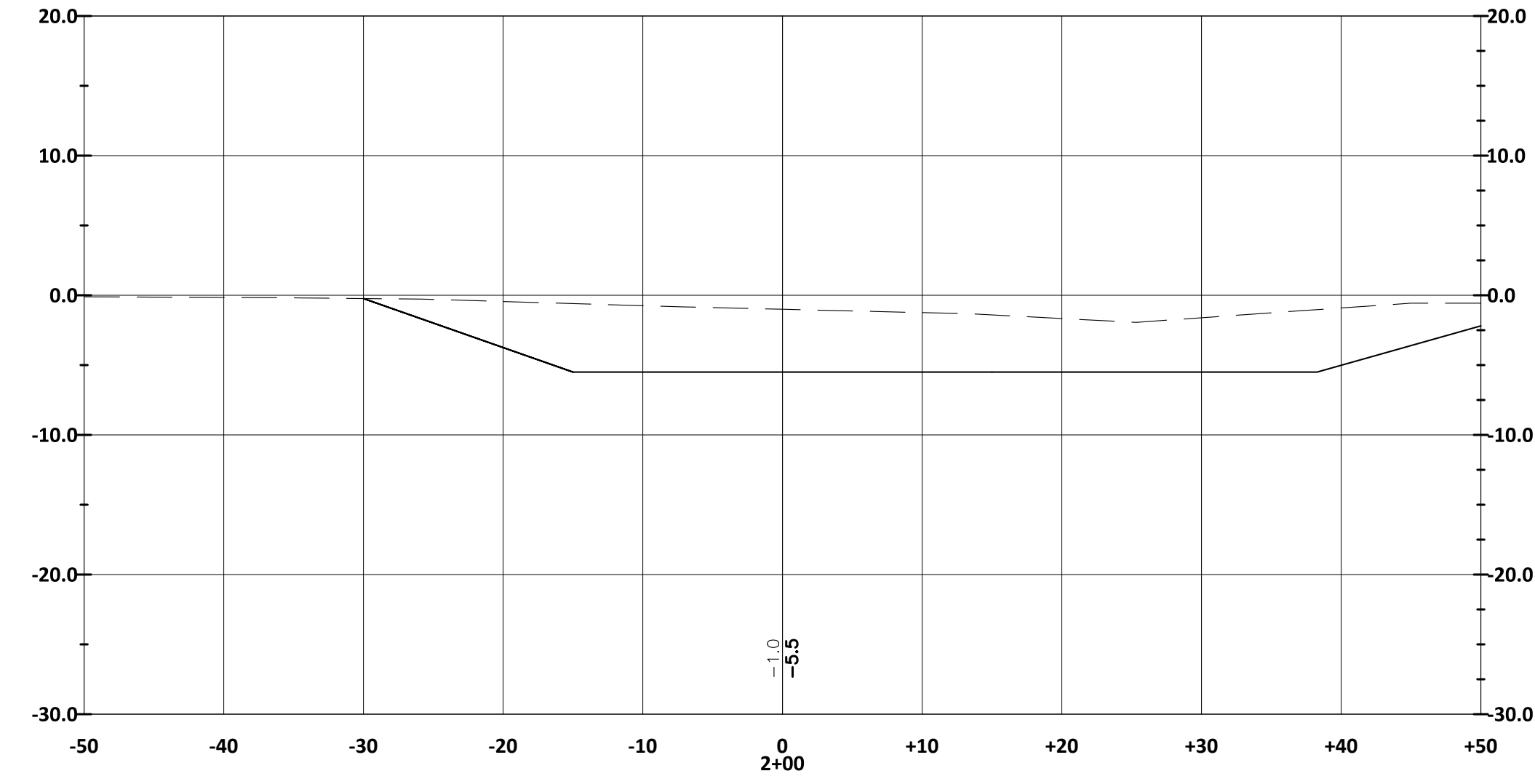


TYPICAL SECTION 2 - STA 10+37 TO 10+58
SCALE: NTS

DREDGING AND GRADING PLAN
SCALE: 1"=40'

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COUNTY OF LEVY, FLORIDA
SHELL MOUND
BOAT RAMP IMPROVEMENTS
DREDGING AND GRADING PLAN
DRAWING
C-3



CROSS SECTIONS
 SCALES
 VERT: 1"=20'
 HORIZ: 1"=20'

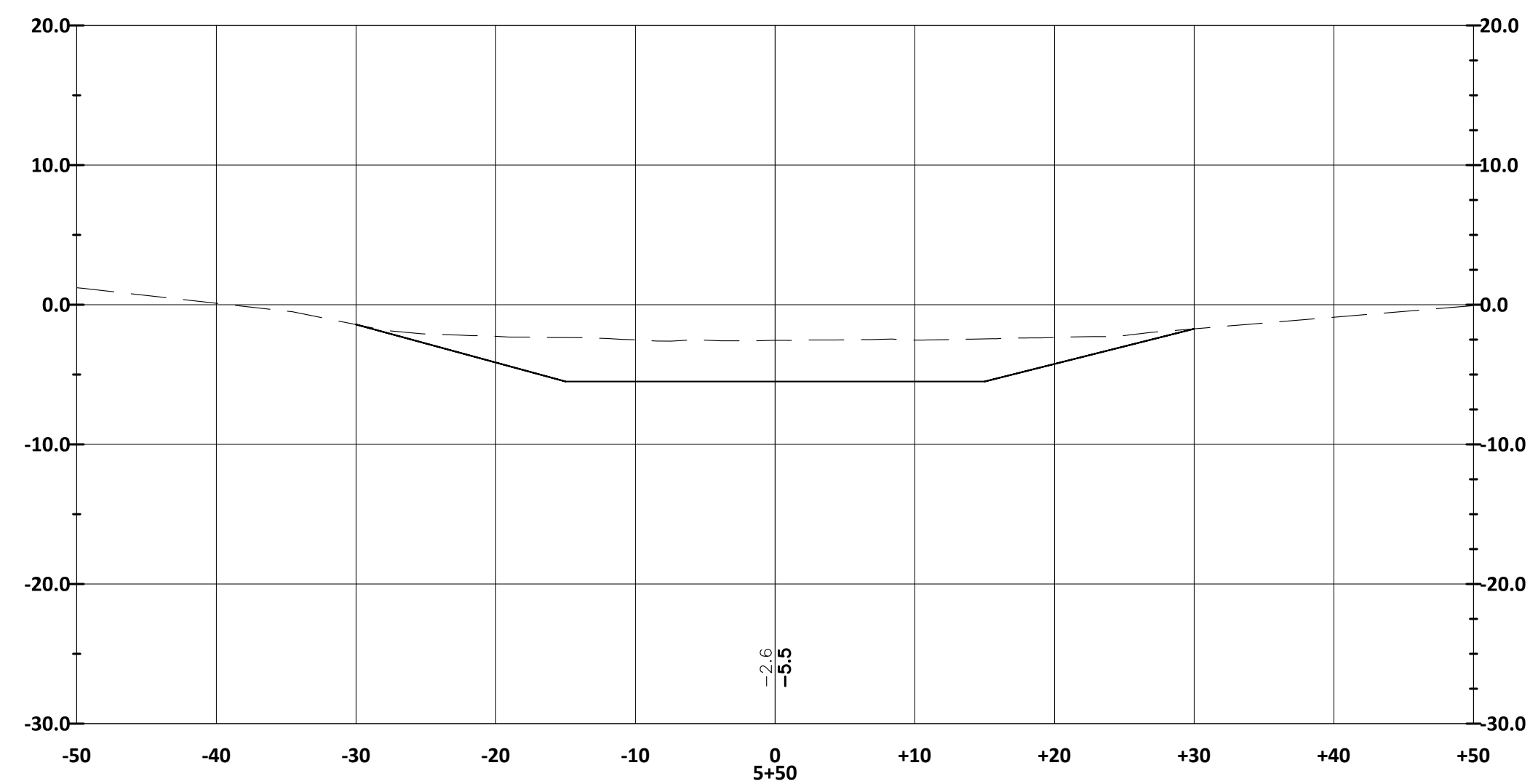
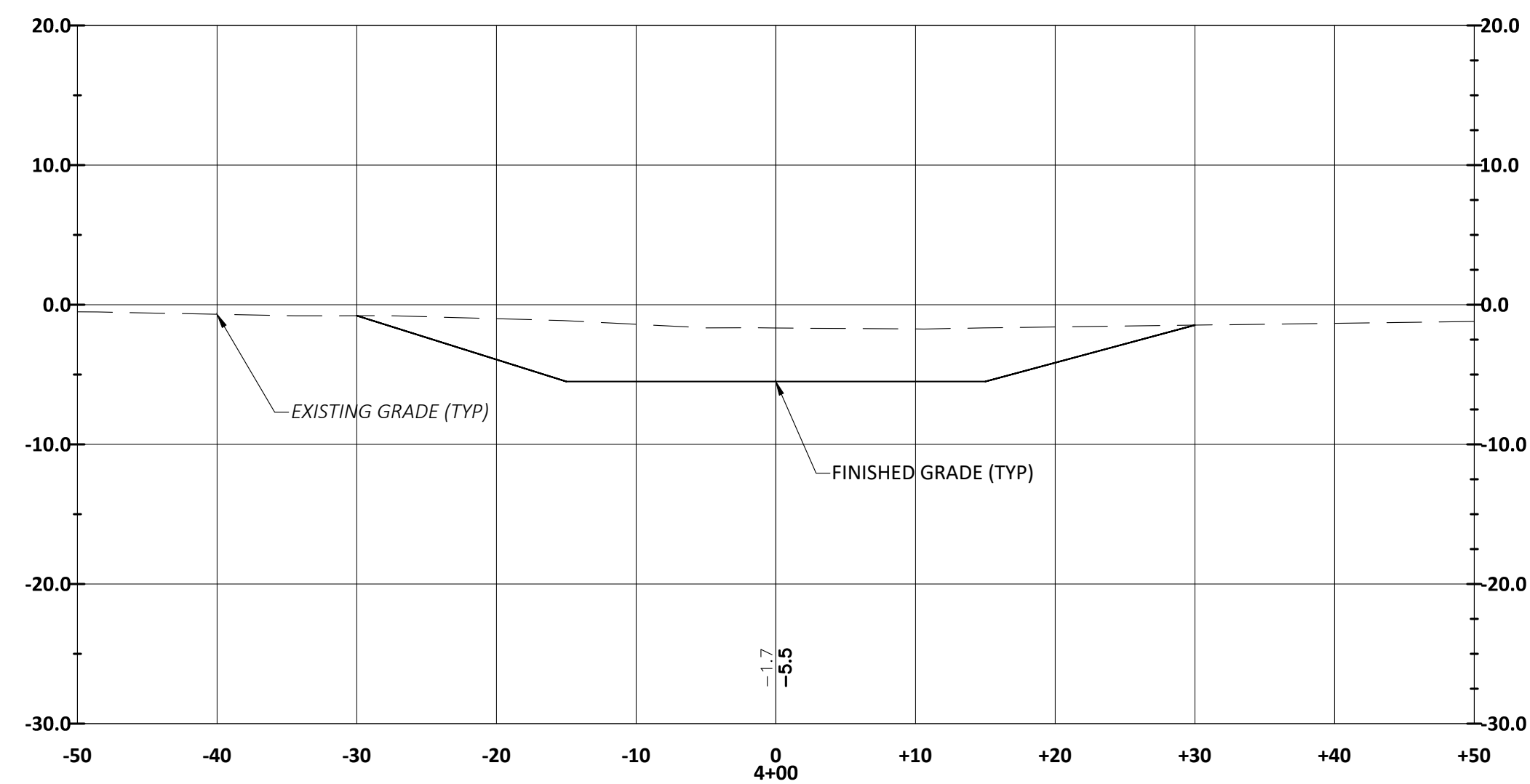
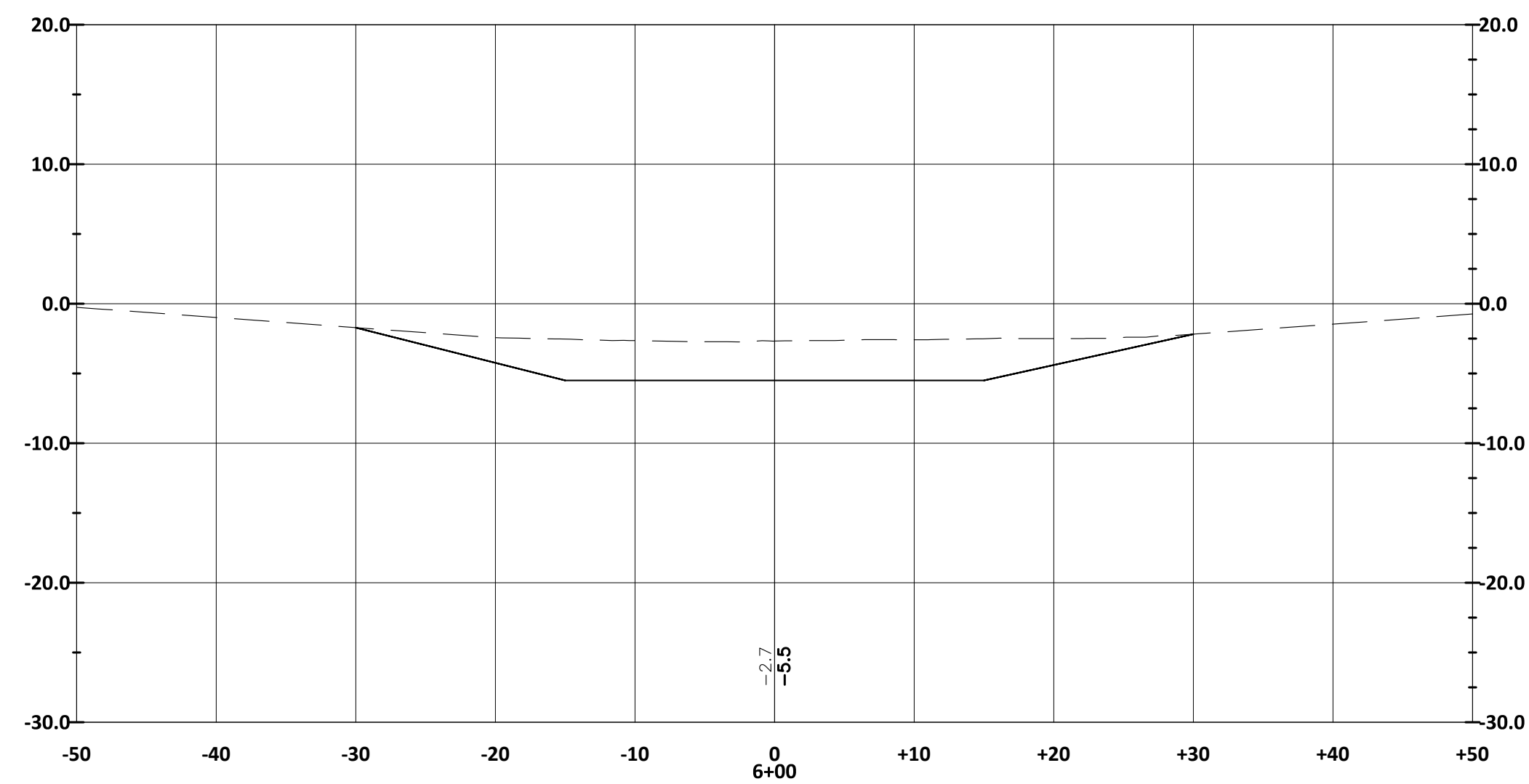
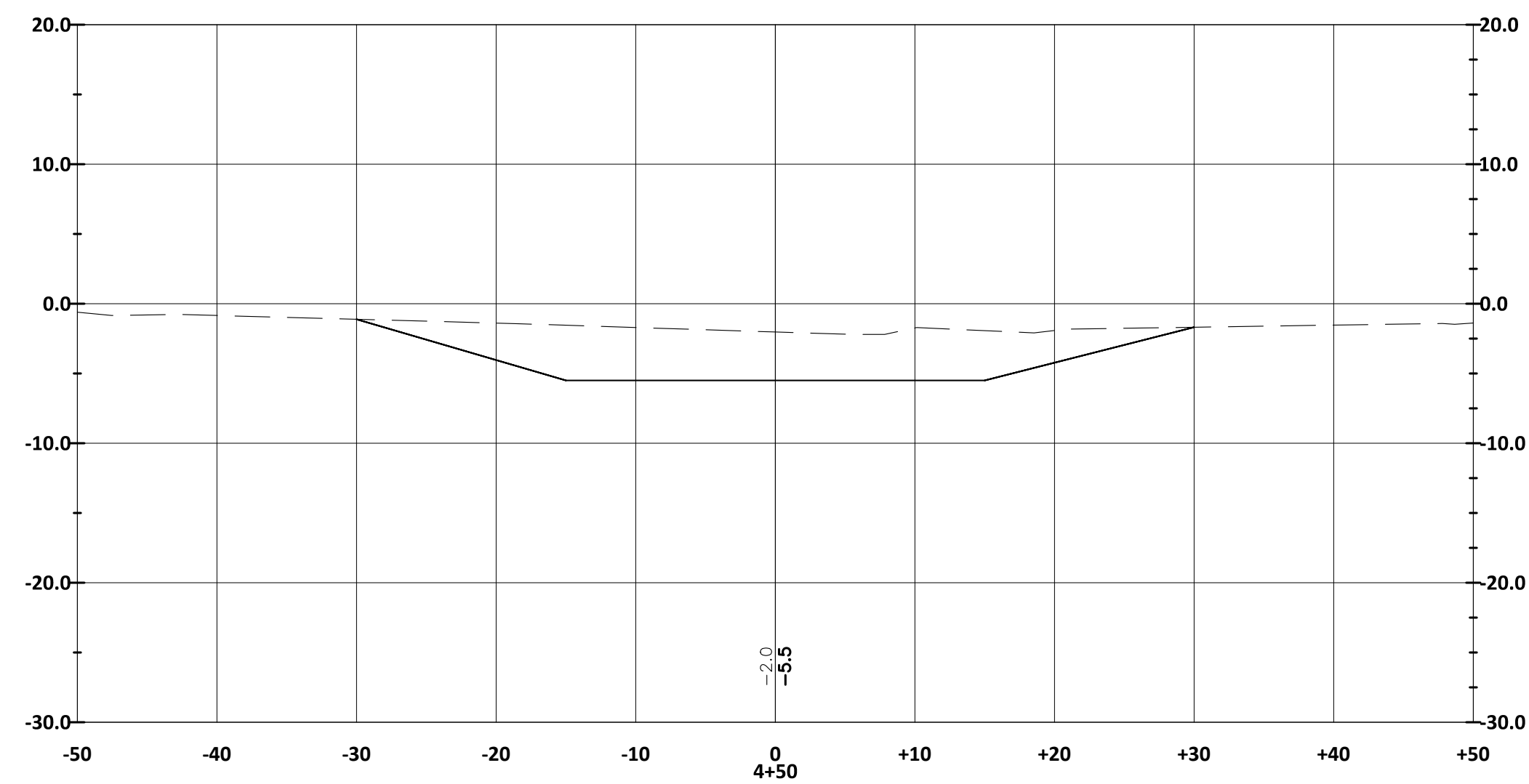
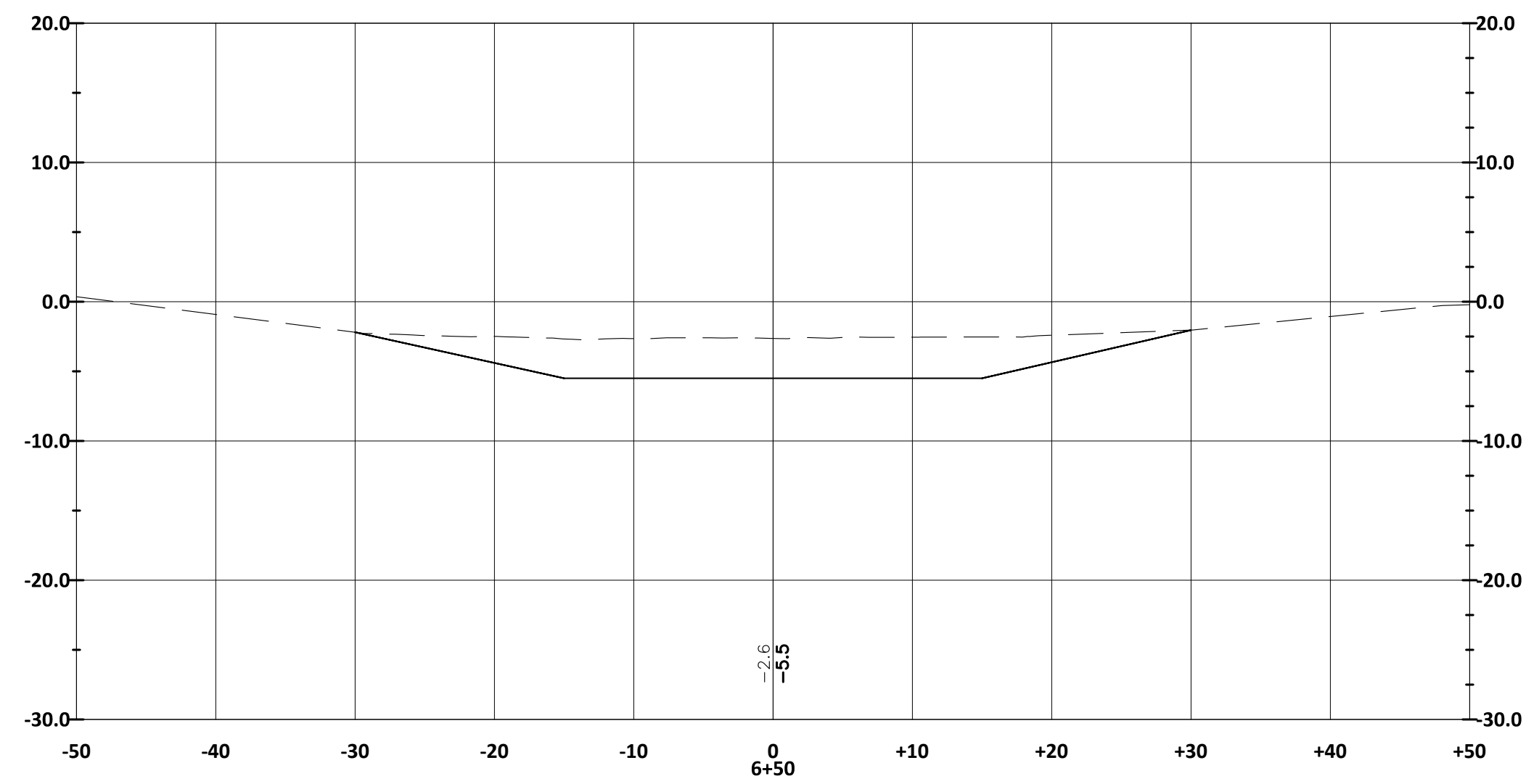
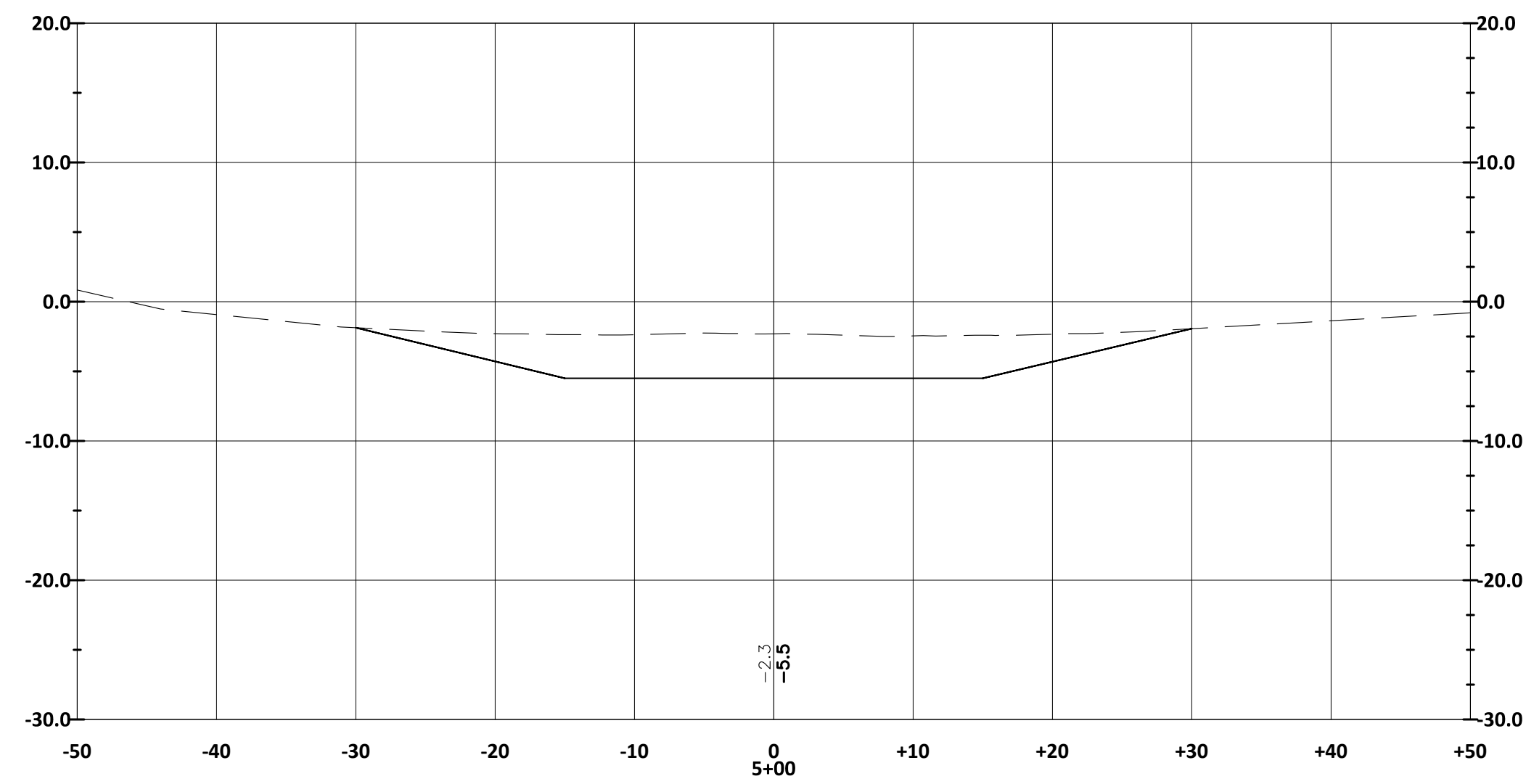
NO	REVISIONS	APPD	DATE
1			
2			
3			
4			
5			

PROJECT NO: 20650
 DESIGNED: M.HOFFMAN
 CAD COORD: D.METZ
 CAD: D.METZ
 CHECKED: WANICKEL
 DATE: 12/2023
 APPROVED: M.HOFFMAN
 DATE: 07/2024
 SUBMISSION: BID SET - IFC



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COUNTY OF LEVY, FLORIDA
 SHELL MOUND
 BOAT RAMP IMPROVEMENTS
 CROSS SECTIONS STA 1+00 TO STA 3+50



CROSS SECTIONS
 SCALES
 VERT: 1"=20'
 HORIZ: 1"=20'

NO	REVISIONS	APPD	DATE
1			
2			
3			
4			
5			

PROJECT NO: 20850
 DESIGNED: M.HOFFMAN
 CAD COORD: D.METZ
 CAD: D.METZ
 CHECKED: WANCKEL
 DATE: 17/2023
 APPROVED: M.HOFFMAN
 DATE: 07/2024
 SUBMISSION: BID SET - IFC

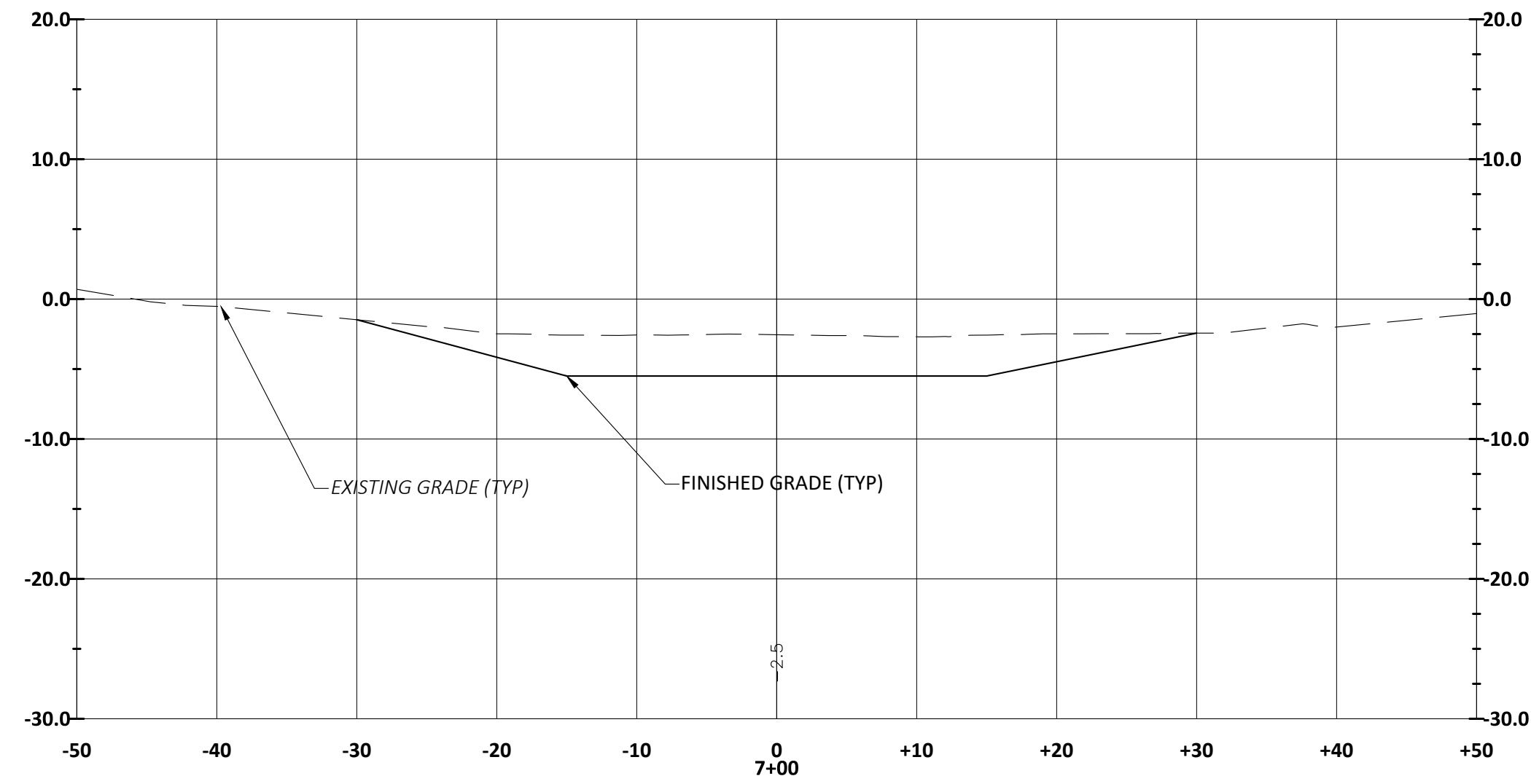
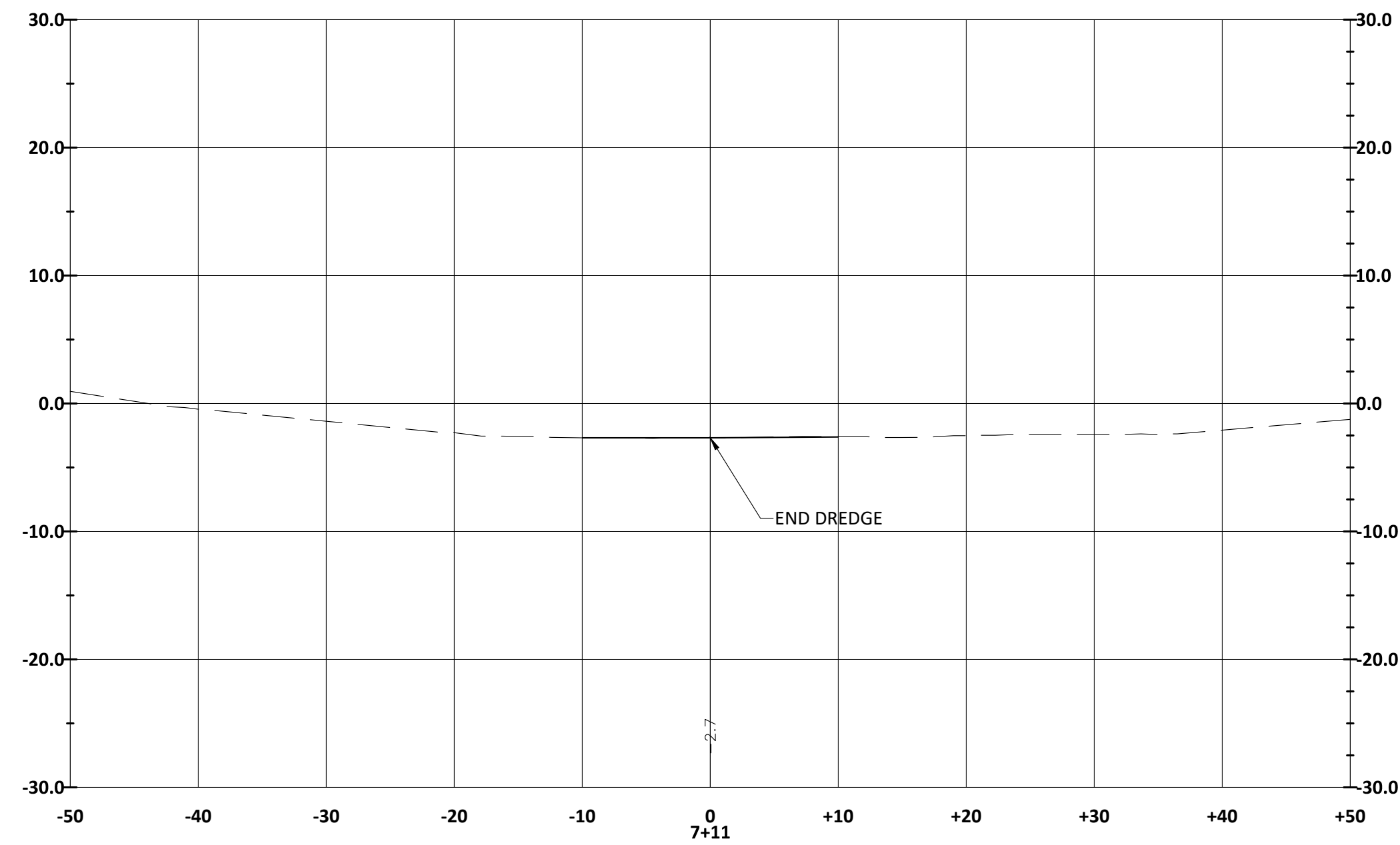


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 3820 NORTHDALE BOULEVARD, SUITE 109A, TAMPA, FL 33624

COUNTY OF LEVY, FLORIDA
 SHELL MOUND
 BOAT RAMP IMPROVEMENTS

CROSS SECTIONS STA 4+00 TO STA 6+50

DRAWING
 C-5



CROSS SECTIONS

SCALES
VERT: 1"=20'
HORIZ: 1"=20'

NO	REVISIONS	APP'D	DATE
1			
2			
3			
4			
5			

PROJECT NO: 20850
 DESIGNED: M.HOFFMAN
 CAD COORD: D.METZ
 CAD: D.METZ
 CHECKED: W.NICKEL
 DATE: 12/2023
 APPROVED: M.HOFFMAN
 DATE: 07/2024
 SUBMISSION: BID SET - IFC

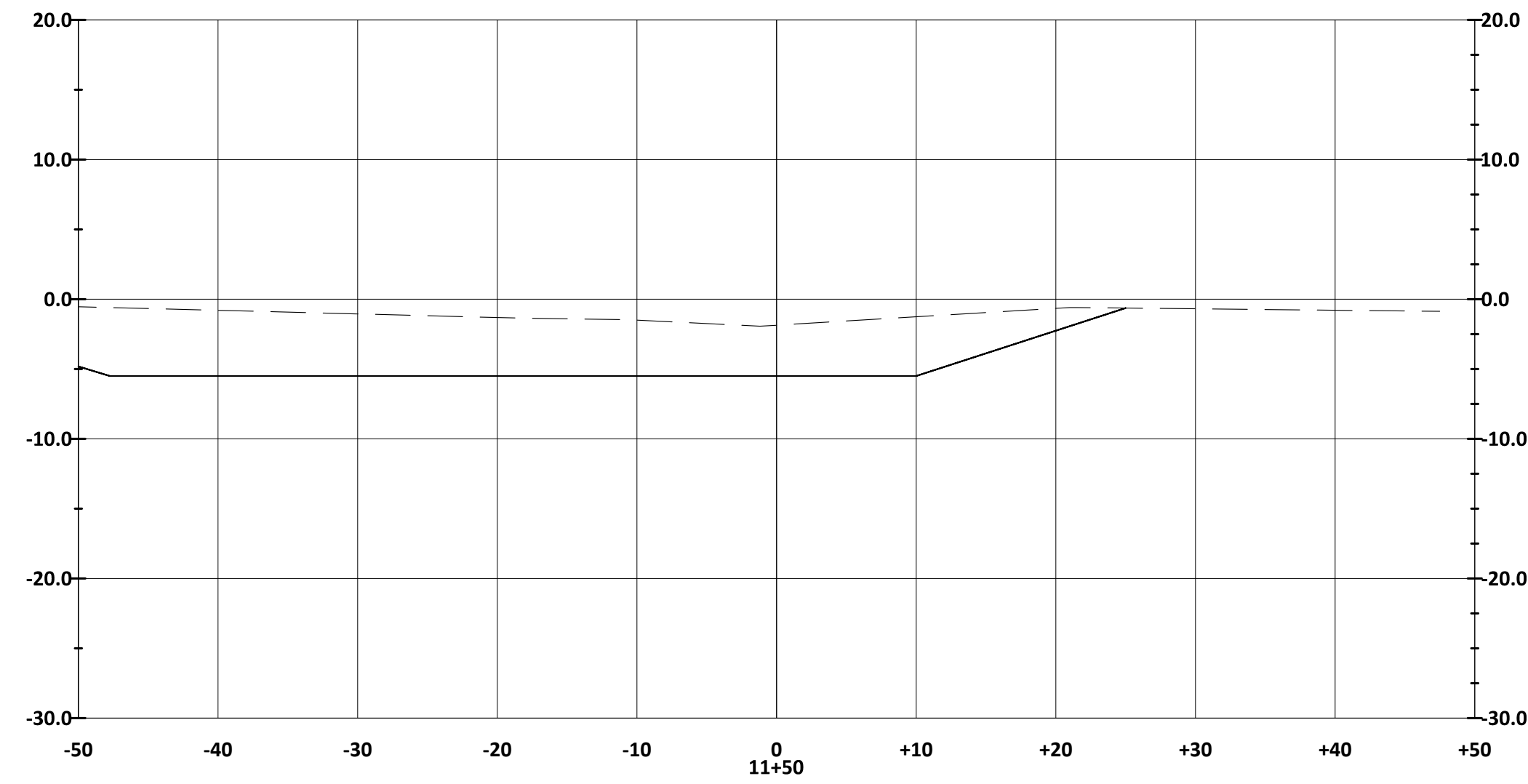
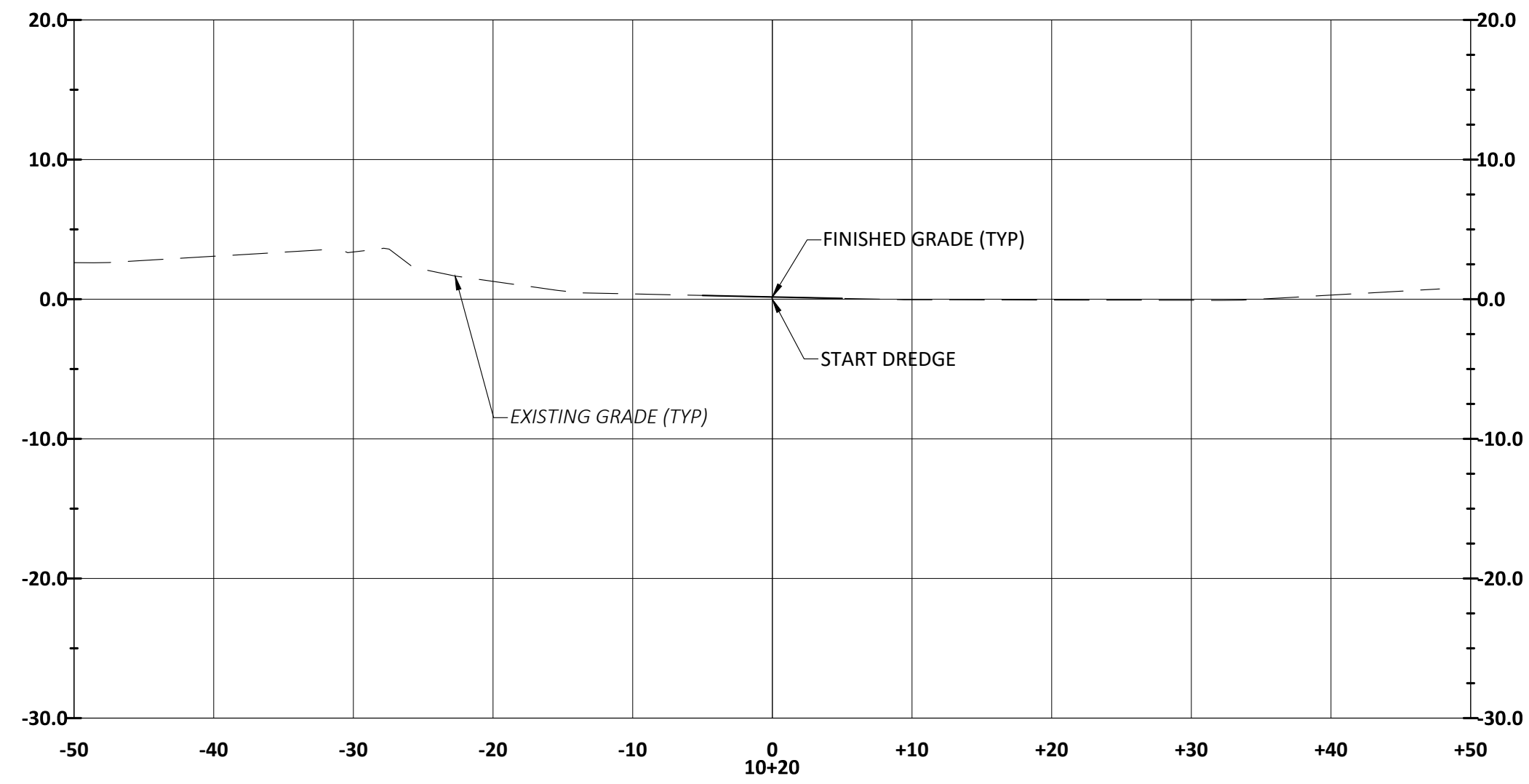
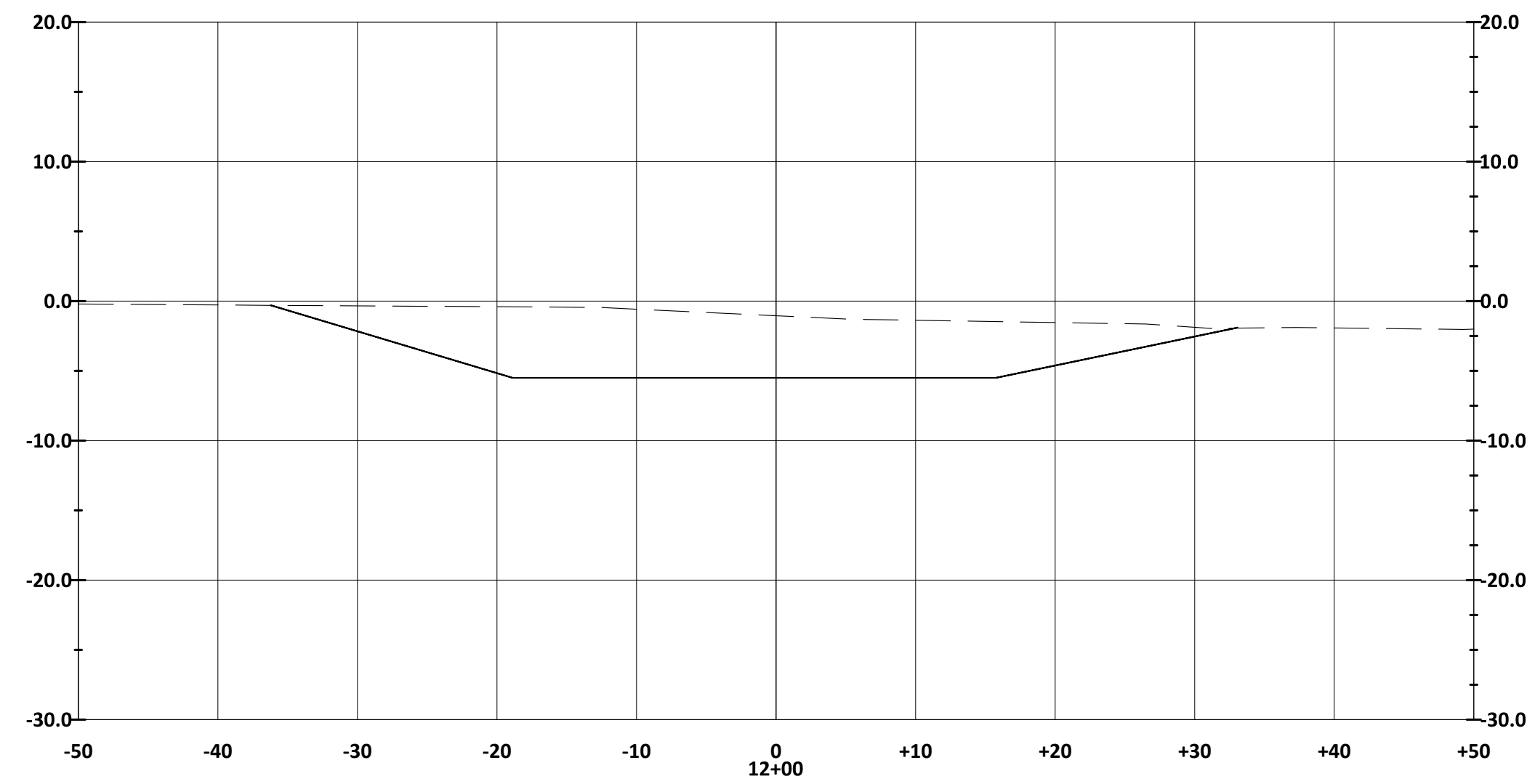
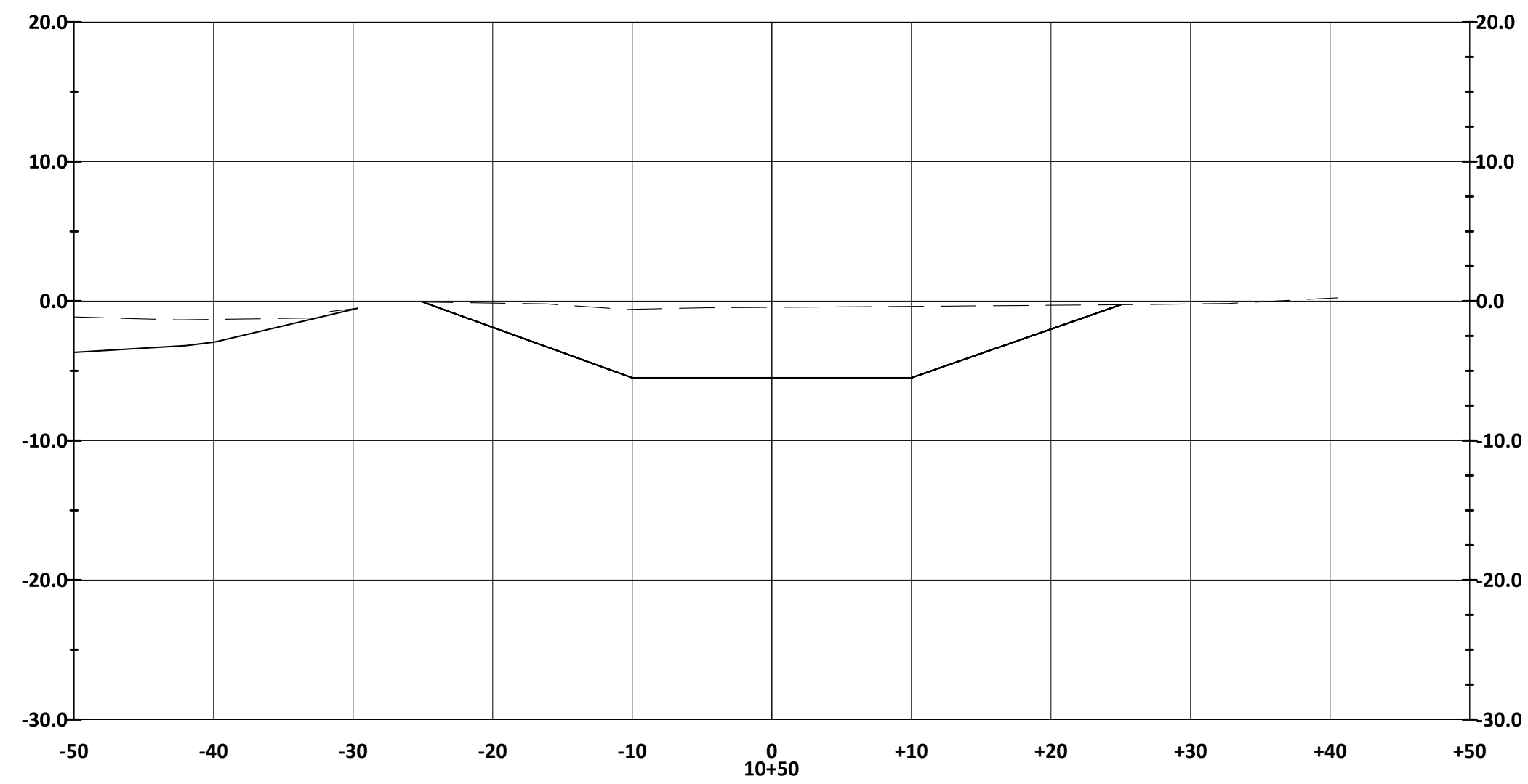
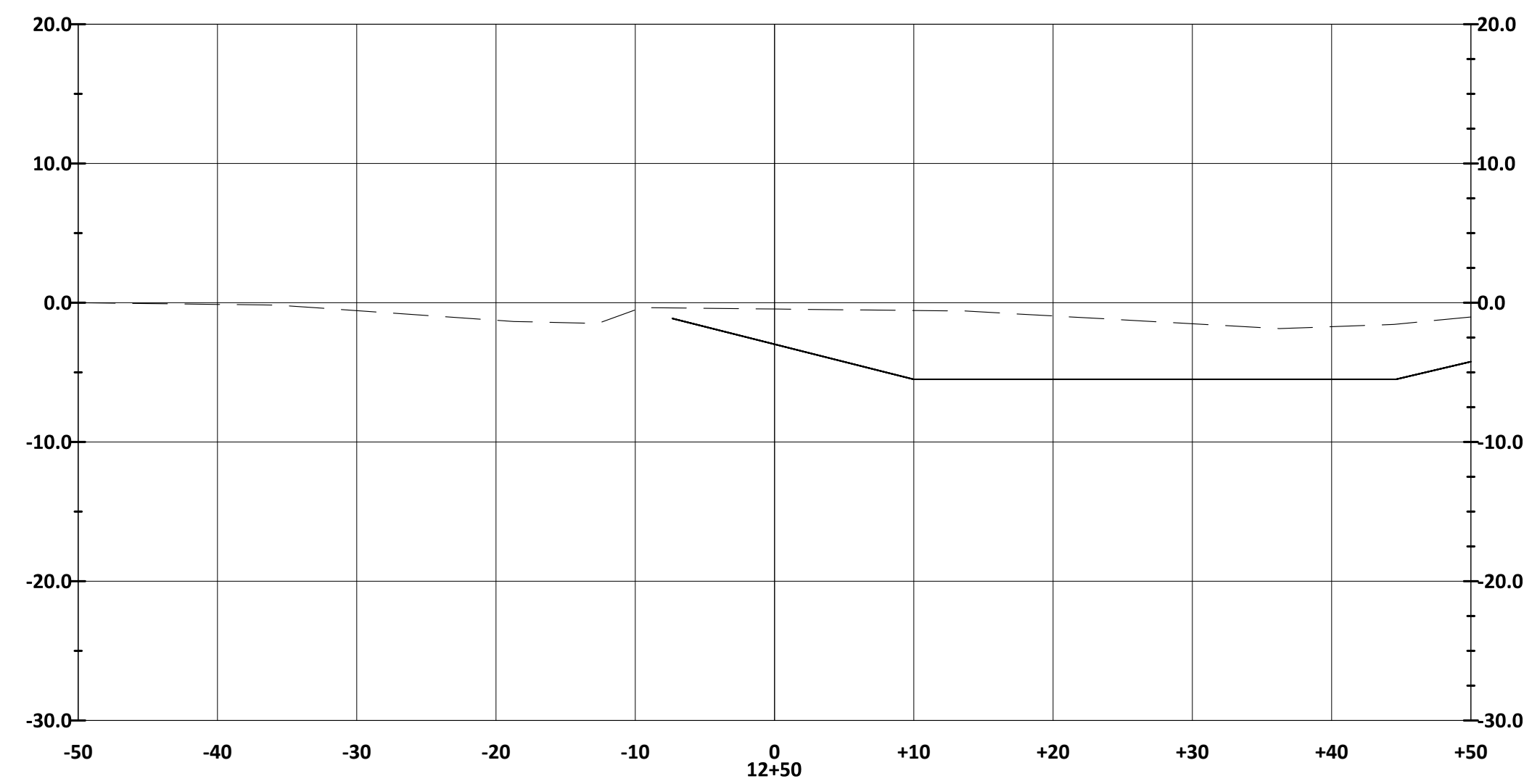
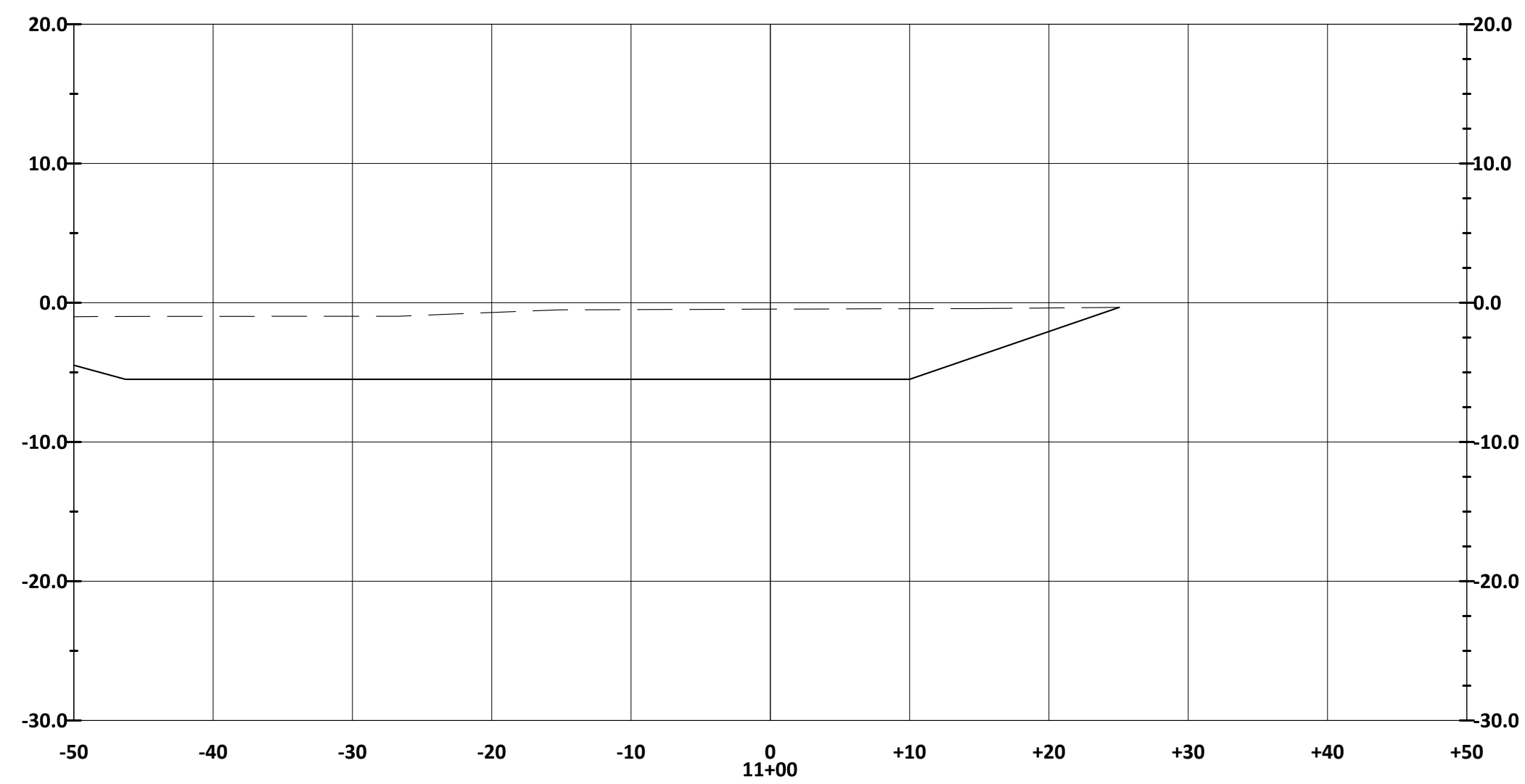


COUNTY OF LEVY, FLORIDA
 SHELL MOUND
 BOAT RAMP IMPROVEMENTS

CROSS SECTIONS STA 7+00 TO STA 7+50

DRAWING

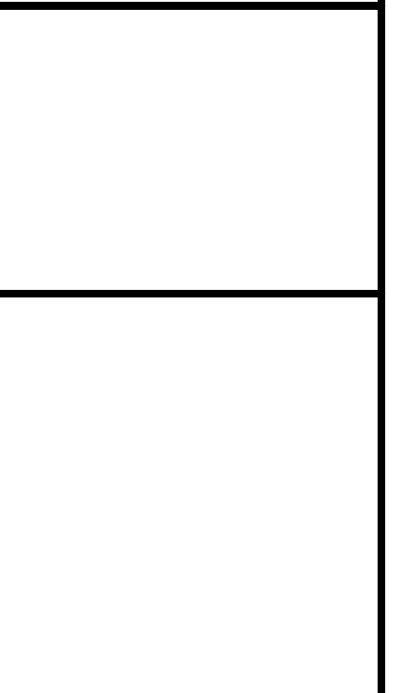
C-6



CROSS SECTIONS
 SCALES
 VERT: 1"=20'
 HORIZ: 1"=20'

NO	REVISIONS	APPD	DATE
1			
2			
3			
4			
5			

PROJECT NO: 20850
 DESIGNED: M.HOFFMAN
 CAD COORD: D.METZ
 CAD: D.METZ
 CHECKED: W.NICKEL
 DATE: 12/2023
 APPROVED: M.HOFFMAN
 DATE: 07/2024
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COUNTY OF LEVY, FLORIDA
 SHELL MOUND
 BOAT RAMP IMPROVEMENTS
 CROSS SECTIONS STA 10+00 TO STA 12+50

EROSION AND SEDIMENT CONTROL NOTES AND REQUIREMENTS

GENERAL REQUIREMENTS

- 1. THIS PLAN UTILIZES BEST MANAGEMENT PRACTICES TO CONTROL EROSION AND TURBIDITY CAUSED BY STORM WATER RUN OFF. AN EROSION CONTROL PLAN HAS BEEN PREPARED TO INSTRUCT THE CONTRACTOR ON PLACEMENT OF THESE CONTROLS. IT IS THE CONTRACTORS RESPONSIBILITY TO INSTALL AND MAINTAIN THE CONTROLS AS PER PLAN AS WELL AS ENSURING THE PLAN IS PROVIDING THE PROPER PROTECTION AS REQUIRED BY FEDERAL, STATE, AND LOCAL LAWS. REFER TO THESE EROSION AND SEDIMENT STABILIZATION PRACTICES FOR THE CONTROLS THAT MAY BE IMPLEMENTED.
- 2. THE CONTRACTOR SHALL AT A MINIMUM IMPLEMENT THE CONTRACTOR'S REQUIREMENTS OUTLINED HEREIN AND THOSE MEASURES SHOWN IN THE PLANS. IN ADDITION, THE CONTRACTOR SHALL UNDERTAKE ADDITIONAL MEASURES REQUIRED FOR COMPLIANCE WITH APPLICABLE PERMIT CONDITIONS AND STATE WATER QUALITY STANDARDS DEPENDING ON THE NATURE OF MATERIALS AND METHODS OF CONSTRUCTION. THE CONTRACTOR SHALL APPLY FOR AND COMPLY WITH A FLORIDA NPDES STORMWATER PERMIT FOR CONSTRUCTION ACTIVITY. THE CONTRACTOR SHALL OBTAIN WATER MANAGEMENT DISTRICT APPROVAL FOR DEWATERING PER FAC 40C22.
- 3. THE CONTRACTOR WILL BE RESPONSIBLE FOR APPLYING FOR AND PAYING FOR THE PERMIT FEE FOR THE NOTICE OF INTENT (NOI) AND THE NOTICE OF TERMINATION (NOT) FORMS.
- 4. TIMING OF CONTROLS/MEASURES. AS INDICATED IN THE SEQUENCE OF MAJOR ACTIVITIES, THE SILT FENCES AND HAY BALES, STABILIZED CONSTRUCTION ENTRANCE AND SEDIMENT BASINS WILL BE CONSTRUCTED PRIOR TO CLEARING OR GRADING OF ANY OTHER PORTIONS OF THE SITE. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICAL IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED. AFTER THE ENTIRE SITE IS STABILIZED, THE ACCUMULATED SEDIMENT SHALL BE REMOVED FROM THE SEDIMENT BASINS AND THE EARTH BERM/SWALES REGRADED/REMOVED AND STABILIZED IN ACCORDANCE WITH THE EROSION CONTROL PLAN.
- 5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IMPLEMENT THE EROSION AND TURBIDITY CONTROLS AS SHOWN ON THE SEDIMENT AND EROSION CONTROL PLAN. IT IS ALSO THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THESE CONTROLS ARE PROPERLY INSTALLED, MAINTAINED AND FUNCTIONING PROPERLY TO PREVENT TURBID OR POLLUTED WATER FROM LEAVING THE PROJECT SITE. THE CONTRACTOR WILL ADJUST THE EROSION CONTROL PLAN AND ADD ADDITIONAL CONTROL MEASURES, AS REQUIRED, TO ENSURE THE SITE MEETS ALL FEDERAL STATE AND LOCAL EROSION AND SEDIMENT CONTROL PLAN AND AS REQUIRED TO MEET THE SEDIMENT AND TURBIDITY REQUIREMENTS IMPOSED ON THE PROJECT SITE BY THE REGULATORY AGENCIES, AND ALACHUA COUNTY CODE CHAPTER 77.

EROSION AND SEDIMENT CONTROL - STABILIZATION PRACTICES

- 1. LOCATION OF STAKED SILT FENCE. STAKED SILT FENCE SHALL BE PLACED ALONG THE BOUNDARY OF FILL SLOPES, ALONG THE LIMITS OF CONSTRUCTION, AND AROUND ALL PROPOSED INLETS AND STRUCTURES. SILT FENCE SHALL BE USED AROUND ALL EXCAVATED MATERIAL IN THEIR TEMPORARY LOCATIONS DURING CONSTRUCTION.
- 2. LOCATION OF FLOATING TURBIDITY BARRIERS. FLOATING TURBIDITY BARRIERS SHALL BE PLACED DOWNSTREAM OF THE CULVERT REPLACEMENTS.
- 3. OFF-SITE VEHICLE TRACKING. LOADED HAUL TRUCKS SHALL BE COVERED WITH TARP/PAULIN. EXCESS DIRT ON THE ROAD SHALL BE REMOVED DAILY. AREAS WITHIN THE LIMITS OF CONSTRUCTION SHALL BE DAMPENED WITH WATER AS REQUIRED FOR DUST CONTROL.
- 4. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTENANCE AND REPAIRS OF EROSION AND SEDIMENT CONTROL DEVICES, AND REMOVAL OF EROSION AND SEDIMENT CONTROL DEVICES AFTER THE NOTICE OF TERMINATION. MAINTENANCE AND REPAIR REQUIRED FOR THE CONTROL AND ABATEMENT OF EROSION AND WATER POLLUTION SHALL BE INCLUDED IN THE PROJECT COST.
- 5. DISTURBED, GRADED OR REGRADED AREAS SHALL BE STABILIZED IMMEDIATELY AFTER GRADING IS COMPLETE, OR WITHIN 7 DAYS IF SUCH AREAS ARE TO REMAIN IDLE FOR MORE THAN 7 DAYS.
- 6. STRAW BALE BARRIER: STRAW BALE BARRIERS CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WITH THE FOLLOWING LIMITATIONS:
 - A. WHERE THE MAXIMUM SLOPE BEHIND THE BARRIER IS 33 PERCENT.
 - B. IN MINOR SWALES OR DITCH LINES WHERE THE MAXIMUM CONTRIBUTING DRAINAGE AREA IS NO GREATER THAN 2.0 ACRES.
 - C. WHERE EFFECTIVENESS IS REQUIRED FOR LESS THAN 3 MONTHS.
 - D. EVERY EFFORT SHOULD BE MADE TO LIMIT THE USE OF STRAW BALE BARRIERS CONSTRUCTED IN LIVE STREAMS OR IN SWALES WHERE THERE IS THE POSSIBILITY OF A WASHOUT. IF NECESSARY, MEASURES SHALL BE TAKEN TO PROPERLY ANCHOR BALES TO INSURE AGAINST WASHOUT.
- 7. FILTER FABRIC BARRIER: FILTER FABRIC BARRIERS CAN BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WITH THE FOLLOWING LIMITATIONS:
 - a. WHERE THE MAXIMUM SLOPE BEHIND THE BARRIER IS 33 PERCENT.
 - b. IN MINOR SWALES OR DITCH LINES WHERE THE MAXIMUM CONTRIBUTING DRAINAGE AREA IS NO GREATER THAN 2.0 ACRES.
- 8. BRUSH BARRIER WITH FILTER FABRIC: BRUSH BARRIER MAY BE USED BELOW DISTURBED AREAS SUBJECT TO SHEET AND RILL EROSION WHERE ENOUGH RESIDUE MATERIAL IS AVAILABLE ON SITE.
- 9. LEVEL SPREADER: A LEVEL SPREADER MAY BE USED WHERE SEDIMENT-FREE STORM RUNOFF IS INTERCEPTED AND DIVERTED AWAY FROM THE GRADED AREAS ONTO UNDISTURBED STABILIZED AREAS. THIS PRACTICE APPLIES ONLY IN THOSE SITUATIONS WHERE THE SPREADER CAN BE CONSTRUCTED ON UNDISTURBED SOIL AND THE AREA BELOW THE LEVEL SPREADER IS STABILIZED. THE WATER SHOULD NOT BE ALLOWED TO RECONCENTRATE AFTER RELEASE.
- 10. STOCKPILING MATERIAL: NO EXCAVATED MATERIAL SHALL BE STOCKPILED IN SUCH A MANNER AS TO DIRECT RUNOFF DIRECTLY OFF THE PROJECT SITE INTO ANY ADJACENT WATER BODY OR STORM WATER COLLECTION FACILITY.
- 11. EXPOSED AREA LIMITATION: THE SURFACE AREA OF OPEN, ERODIBLE SOIL EXPOSED BY CLEARING GRUBBING OPERATIONS OR EXCAVATION AND FILLING OPERATIONS SHALL NOT EXCEED 2.0 ACRES. THIS REQUIREMENT MAY BE WAIVED FOR LARGE PROJECTS WITH AN EROSION CONTROL PLAN WHICH DEMONSTRATES THAT OPENING OF ADDITIONAL AREA WILL NOT SIGNIFICANTLY AFFECT OFF-SITE DEPOSIT OF SEDIMENTS.
- 12. TEMPORARY SEEDING: AREAS OPENED BY CONSTRUCTION OPERATIONS AND THAT ARE NOT ANTICIPATED TO BE RE-EXCAVATED OR DRESSED AND RECEIVE FINAL GRASSING TREATMENT WITHIN 21 DAYS SHALL BE SEEDED WITH A QUICK GROWING GRASS. SPECIES WHICH WILL PROVIDE AN EARLY COVER DURING THE SEASON IN WHICH IT IS PLANTED AND WILL NOT LATER COMPLETE WITH THE PERMANENT GRASSING.
- 13. TEMPORARY SEEDING AND MULCHING: SLOPES STEEPER THAN 6:1 THAT FALL WITHIN THE CATEGORY ESTABLISHED IN PARAGRAPH 7 ABOVE SHALL ADDITIONALLY RECEIVE MULCHING OF APPROXIMATELY 150 MM LOOSE MEASURE OF MULCH MATERIAL CUT INTO THE SOIL OF THE SEEDED AREA ADEQUATE TO PREVENT MOVEMENT OF SEED AND MULCH OR HYDRONULCHED.
- 14. TEMPORARY GRASSING: THE SEEDED OR SEEDED AND MULCHED AREA(S) SHALL BE ROLLED AND WATERED OR HYDRONULCHED OR OTHER SUITABLE METHODS IF REQUIRED TO ASSURE OPTIMUM GROWING CONDITIONS FOR THE ESTABLISHMENT OF A GOOD GRASS COVER.
- 15. TEMPORARY REGRASSING: IF, AFTER 14 DAYS FROM SEEDING, THE TEMPORARY GRASSED AREAS HAVE NOT ATTAINED A MINIMUM OF 75 PERCENT GOOD GRASS COVER, THE AREA WILL BE REWORKED AND ADDITIONAL SEED APPLIED SUFFICIENT TO ESTABLISH THE DESIRED VEGETATIVE COVER.
- 16. MAINTENANCE: ALL FEATURES OF THE PROJECT DESIGNED AND CONSTRUCTED TO PREVENT EROSION AND SEDIMENT SHALL BE MAINTAINED DURING THE LIFE OF THE CONSTRUCTION SO AS TO FUNCTION AS THEY WERE ORIGINALLY DESIGNED AND CONSTRUCTED.
- 17. PERMANENT EROSION CONTROL: THE EROSION CONTROL FACILITIES OF THE PROJECT SHOULD BE DESIGNED TO MINIMIZE THE IMPACT ON THE OFFSITE FACILITIES.
- 18. PERMANENT SEEDING: ALL AREAS WHICH HAVE BEEN DISTURBED BY CONSTRUCTION WILL, AS A MINIMUM, BE SEEDED. THE SEEDING MIX MUST PROVIDE BOTH LONG-TERM VEGETATION AND RAPID GROWTH SEASONAL VEGETATION. SLOPES STEEPER THAN 6:1 SHALL BE SODDED.

19. WHERE SODDING IS CALLED FOR IN THE PLANS, SOD THAT IS PLACED ON SLOPES OF 3:1 OR GREATER SHALL BE PEGGED.

20. OFFSITE VEHICLE TRACKING: STABILIZED CONSTRUCTION ACCESS DRIVES SHALL BE CONSTRUCTED AT ALL POINTS ENTERING AND EXITING THE PROJECT SITE FROM PAVED ROADS. CONSTRUCTION ACCESS DRIVES SHALL HAVE A MINIMUM 6 INCH THICKNESS OF DURABLE ROCK OVER A FILTER FABRIC FREE OF TEARS AND FIRMLY SECURED. ACCESS DRIVES SHALL BE REMOVED AND RESTORED AT THE COMPLETION OF THE PROJECT.

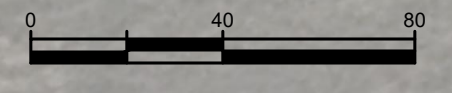
EROSION AND SEDIMENT CONTROL - WASTE AND MATERIAL CONTROLS

- 1. WASTE MATERIALS: ALL WASTE MATERIALS EXCEPT LAND CLEARING DEBRIS SHALL BE COLLECTED AND STORED IN A METAL DUMPSTER. THE DUMPSTER WILL MEET ALL LOCAL AND STATE SOLID WASTE MANAGEMENT REGULATIONS. THE DUMPSTER WILL BE EMPTIED AS NEEDED AND THE TRASH WILL BE HAULED TO A STATE APPROVED LANDFILL ALL PERSONNEL WILL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL. NOTICES STATING THESE PRACTICES WILL BE POSTED AT THE CONSTRUCTION SITE BY THE CONSTRUCTION SUPERINTENDENT, THE INDIVIDUAL WHO MANAGES THE DAY-TO-DAY SITE OPERATIONS WILL BE RESPONSIBLE FOR SEEING THAT THESE PROCEDURES ARE FOLLOWED. LAND CLEARING DEBRIS CAN BE BURNED IN ACCORDANCE WITH STATE AND ALACHUA COUNTY CODE CHAPTER 263.
- 2. HAZARDOUS WASTE: ALL HAZARDOUS WASTE MATERIALS WILL BE DISPOSED OF IN THE MANNER SPECIFIED BY LOCAL OR STATE REGULATION OR BY THE MANUFACTURER. SITE PERSONNEL WILL BE INSTRUCTED IN THESE PRACTICES AND THE SITE SUPERINTENDENT, THE INDIVIDUAL WHO MANAGES DAY-TO-DAY SITE OPERATIONS, WILL BE RESPONSIBLE FOR SEEING THAT THESE PRACTICES ARE FOLLOWED. 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.
- 3. SANITARY WASTE: ALL SANITARY WASTE WILL BE COLLECTED FROM THE PORTABLE UNITS AS NEEDED TO PREVENT POSSIBLE SPILLAGE. THE WASTE WILL BE COLLECTED AND DISPOSED OF IN ACCORDANCE WITH STATE AND LOCAL WASTE DISPOSAL REGULATIONS FOR SANITARY SEWER OR SEPTIC SYSTEMS.
- 4. PAVED AREAS ADJACENT TO ALL CONSTRUCTION ACCESS POINTS SHALL BE SWEEP DAILY TO REMOVE ANY EXCESS MUD, DIRT OR ROCK TRACKED FROM THE SITE. DUMP TRUCKS HAULING MATERIAL FROM THE CONSTRUCTION SITE WILL BE COVERED WITH A TARP.
- 5. SPILL PREVENTION: THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT WILL BE USED TO REDUCE THE RISK OF SPILLS OR OTHER ACCIDENTAL EXPOSURE OF MATERIALS AND SUBSTANCES TO STORMWATER RUNOFF.
 - a. GOOD HOUSEKEEPING: THE FOLLOWING GOOD HOUSEKEEPING PRACTICES WILL BE FOLLOWED ONSITE DURING THE CONSTRUCTION PROJECT.
 - i. AN EFFORT WILL BE MADE TO STORE ONLY ENOUGH PRODUCT REQUIRED TO DO THE JOB.
 - ii. ALL MATERIALS STORED ONSITE WILL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR APPROPRIATE CONTAINERS AND, IF POSSIBLE, UNDER A ROOF OR OTHER ENCLOSURE.
 - iii. PRODUCTS WILL BE KEPT IN THEIR ORIGINAL CONTAINERS WITH THE ORIGINAL MANUFACTURER'S LABEL.
 - iv. SUBSTANCES WILL NOT BE MIXED WITH ONE ANOTHER UNLESS RECOMMENDED BY THE MANUFACTURER.
 - v. WHENEVER POSSIBLE, ALL OF A PRODUCT WILL BE USED UP BEFORE DISPOSING OF THE CONTAINER.
 - vi. MANUFACTURER'S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL WILL BE FOLLOWED.
 - vii. THE SITE SUPERINTENDENT WILL INSPECT DAILY TO ENSURE MATERIALS ONSITE RECEIVE PROPER USE AND DISPOSAL.
 - b. HAZARDOUS MATERIALS: THESE PRACTICES ARE USED TO REDUCE THE RISKS ASSOCIATED WITH HAZARDOUS MATERIALS.
 - i. HAZARDOUS MATERIALS AND/OR TOXIC SUBSTANCES SHALL BE DISPOSED OF BY THE CONTRACTOR ACCORDING TO THE EPA'S STANDARD PRACTICES, THE MANUFACTURER'S RECOMMENDATION OR IN ACCORDANCE WITH STATE AND LOCAL REQUIREMENTS.
 - ii. THE CONTRACTOR SHALL MAINTAIN COPIES OF THE MATERIAL SAFETY DATA SHEET (MSDS) FOR EACH HAZARDOUS MATERIAL PROPOSED FOR USE ON THE PROJECT. BECAUSE STATE LAW DOES NOT TREAT PETROLEUM PRODUCTS THAT ARE PROPERLY CONTAINERIZED AND INTENDED FOR EQUIPMENT USE ON THE PROJECT AS A HAZARDOUS MATERIAL, SUCH PRODUCTS DO NOT NEED A MSDS SUBMITTAL.
 - iii. PRODUCTS WILL BE KEPT IN ORIGINAL CONTAINERS.
 - iv. MATERIALS WILL BE STORED IN ACCORDANCE WITH ALACHUA COUNTY CODE CHAPTER 353.
 - v. ORIGINAL LABELS AND MATERIAL SAFETY DATA SHALL BE RETAINED AND AVAILABLE ON SITE.
 - c. PRODUCT SPECIFIC PRACTICES: THE FOLLOWING PRODUCT SPECIFIC PRACTICES WILL BE FOLLOWED ONSITE:
 - i. PETROLEUM AND LUBRICANT PRODUCTS. ALL ONSITE VEHICLES AND EQUIPMENT (I.E. - DEWATERING PUMPS) WILL BE MONITORED FOR LEAKS AND RECEIVE REGULAR PREVENTATIVE MAINTENANCE TO REDUCE THE CHANCE OF LEAKAGE. FLUID PRODUCTS WILL BE STORED IN TIGHTLY SEALED CONTAINERS WHICH ARE CLEARLY LABELED. CONTAINMENT BERMS WILL WE CONSTRUCTED AROUND ALL FUEL STORAGE TANKS USED FOR CONSTRUCTION. ANY ASPHALT SUBSTANCES USED ONSITE WILL BE APPLIED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS.
 - ii. FERTILIZERS. FERTILIZERS USED WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER AND IN ACCORDANCE WITH ALACHUA COUNTY CODE CHAPTER 78 ONCE APPLIED, FERTILIZER WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORM WATER. STORAGE WILL BE IN A COVERED AREA. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER WILL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.
 - iii. PAINTS. ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT WILL BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURERS' INSTRUCTIONS OR STATE AND LOCAL REGULATIONS.
 - iv. CONCRETE TRUCKS. CONCRETE TRUCKS WILL NOT BE ALLOWED TO WASH OUT OR DISCHARGE SURPLUS CONCRETE OR DRUM WASH WATER TO DITCHES, PONDS OR OTHER WATERWAYS. WASHWATER SHALL BE COLLECTED IN A TEMPORARY SETTLING POND.

EROSION AND SEDIMENT CONTROL - SPILL CONTROLS

- 1. SPILL CONTROL PRACTICES: IN ADDITION TO THE GOOD HOUSEKEEPING AND MATERIAL MANAGEMENT PRACTICES DISCUSSED IN THIS PLAN, THE FOLLOWING PRACTICES WILL BE FOLLOWED FOR SPILL PREVENTION AND CLEANUP:
 - A. MANUFACTURERS' RECOMMENDED METHODS FOR SPILL CLEANUP SHALL BE CLEARLY POSTED ON SITE AND SITE PERSONNEL WILL BE MADE AWARE OF THE METHODS AND POSTED LOCATION.
- 2. MATERIALS AND EQUIPMENT NECESSARY FOR SPILL CLEANUP WILL BE KEPT IN THE MATERIAL STORAGE AREA ONSITE. EQUIPMENT AND MATERIALS WILL INCLUDE, BUT NOT BE LIMITED TO BROOMS, DUST PANS, MOPS, RAGS, OIL BLANKETS, GLOVES, GOGGLES, LIQUID ABSORBENT (I.E. KITTY LITTER OR EQUAL), SAND SAWDUST, AND PLASTIC AND METAL TRASH CONTAINERS SPECIFICALLY FOR THIS PURPOSE. ALL SPILLS WILL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY, BY THE CONTRACTOR.
- 3. THE SPILL AREA WILL BE KEPT WILL VENTILATED AND PERSONNEL WILL WEAR APPROPRIATE PROTECTIVE CLOTHING TO PREVENT INJURY FROM CONTACT WITH A HAZARDOUS SUBSTANCE.
- 4. SPILL OF TOXIC OR HAZARDOUS MATERIAL WILL BE REPORTED IMMEDIATELY TO OWNER AND ENGINEER.
- 5. THE SPILL PREVENTION PLAN WILL BE ADJUSTED TO INCLUDE MEASURES TO PREVENT THIS TYPE OF SPILL FROM REOCCURRING AND HOW TO CLEAN UP THE SPILL IF THERE IS ANOTHER ONE. A DESCRIPTION OF THE SPILL, WHAT CAUSED IT AND THE CLEANUP MEASURES WILL ALSO BE INCLUDED.
- 6. THE SITE SUPERINTENDENT RESPONSIBLE FOR THE DAY-TO-DAY SITE OPERATIONS SHALL BE THE SPILL PREVENTION AND CLEANUP COORDINATOR. HE/SHE SHALL DESIGNATE AT LEAST ONE OTHER SITE PERSONNEL, WHO WILL RECEIVE SPILL PREVENTION AND CLEANUP TRAINING. THESE INDIVIDUALS SHALL EACH BECOME RESPONSIBLE FOR A PARTICULAR PHASE OF PREVENTION AND CLEANUP. THE NAMES OF RESPONSIBLE SPILL PERSONNEL WILL BE POSED IN THE MATERIAL STORAGE AREA AND IF APPLICABLE, IN THE OFFICE TRAILER ONSITE.

PROJECT NO: 20850	DESIGNED: M-HOFFMAN	CAD COORD: D-METZ	CHECKED: WANKEL	DATE: 12/2023	APPROVED: M-HOFFMAN	DATE: 07/2024	SUBMISSION: BID SET - NEC
WRIGHT-PIERCE 800.422.1095 www.wright-pierce.com 3820 NORTHDIALE BOULEVARD, SUITE 109A, TAMPA, FL 33624							
COUNTY OF LEVY, FLORIDA SHELL MOUND BOAT RAMP IMPROVEMENTS				STORMWATER POLLUTION PREVENTION NOTES II			
DRAWING							
C-9							



STORMWATER POLLUTION PREVENTION PLAN
SCALE: 1"=40'

NO	REVISIONS	APPD	DATE



PROJ	DESIG	CAD	CAD	CAD	CHECK	DATE	APPR	DATE	SUBM

Parcel ID: 0005800000
United States Of America
Washington, DC 20240

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STORMWATER POLLUTION PREVENTION PLAN
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C-10

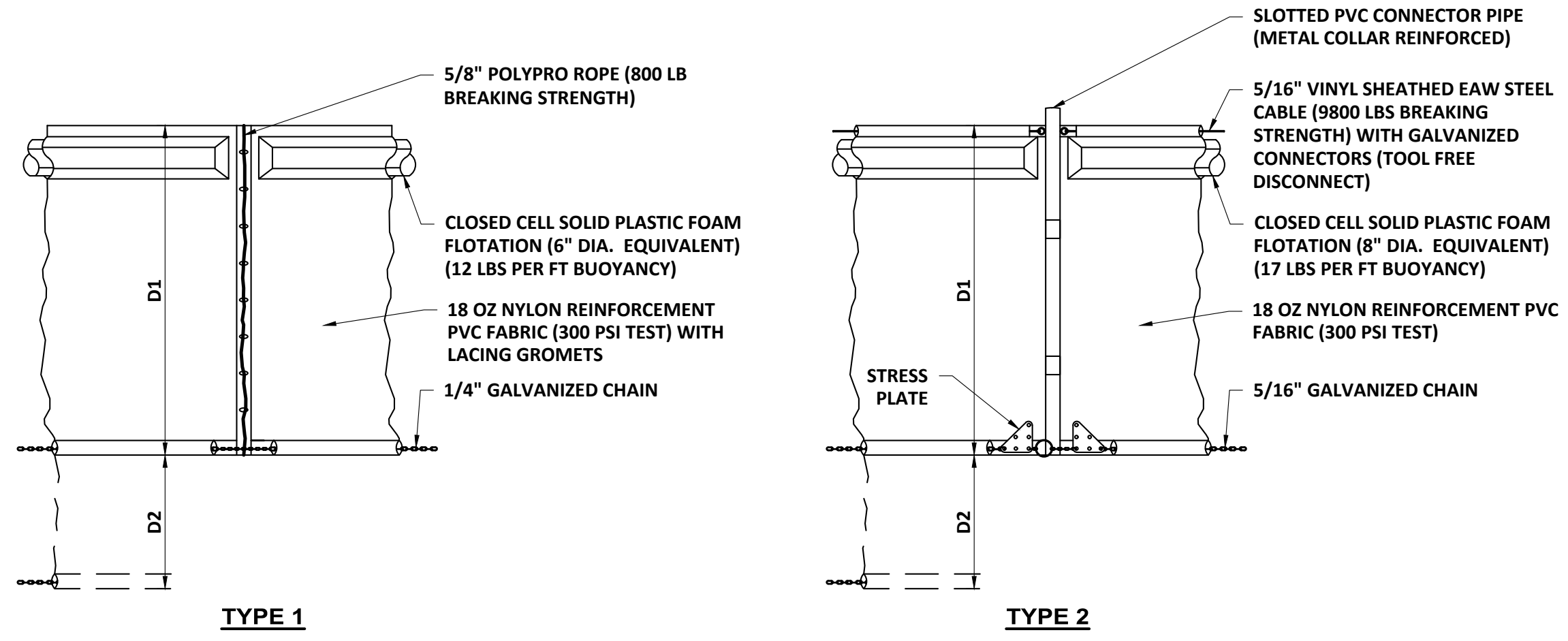
TBM #2
NORTHING: 1773801.2
EASTING: 317316.5
ELEVATION = 11.39
SET PK NAIL & DISK LABELED "SURVTECH"
TRAV. 77" IN ASPHALT PAVEMENT, 143'
SOUTHWEST OF A POWER POLE, 160'
SOUTHEAST OF A GRILL

TBM #1
NORTHING: 1773698.8
EASTING: 317027.1
ELEVATION = 13.89
SET PK NAIL & DISK LABELED "SURVTECH"
TRAV. 87" IN ASPHALT PAVEMENT, 29'
SOUTHWEST OF A POWER POLE, 320'
NORTHWEST OF A GRILL

Parcel ID: 0005900000
Levy County Board of Commission
PO Drawer 310
Bronson, FL 32621

Parcel ID: 0005800000
United States Of America
Washington, DC 20240

APPROXIMATE NORTH
ROW BOUNDARY OF SW
78TH PLACE



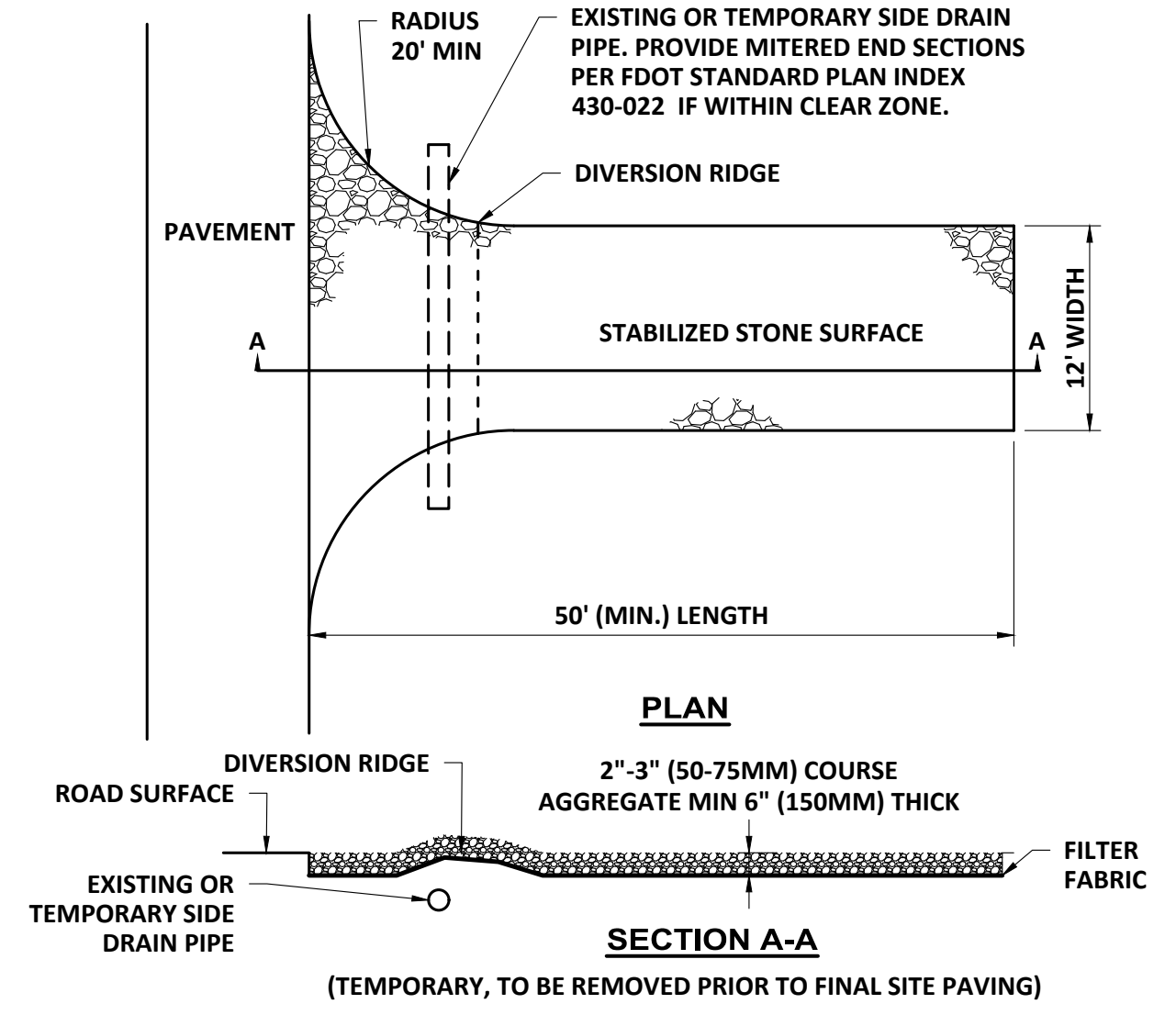
TYPE 1

D1 = 5' STD (SINGLE PANEL FOR DEPTHS 5' OR LESS)
 D2 = 5' STD (ADDITIONAL PANEL FOR DEPTHS 5')

CURTAIN TO REACH BOTTOM UP TO DEPTHS OF 10 FEET. TWO (2) PANELS TO BE USED FOR DEPTHS GREATER THAN 10 FEET UNLESS SPECIAL DEPTH CURTAINS SPECIFICALLY CALL FOR IN THE PLANS OR AS DETERMINED BY THE ENGINEER.

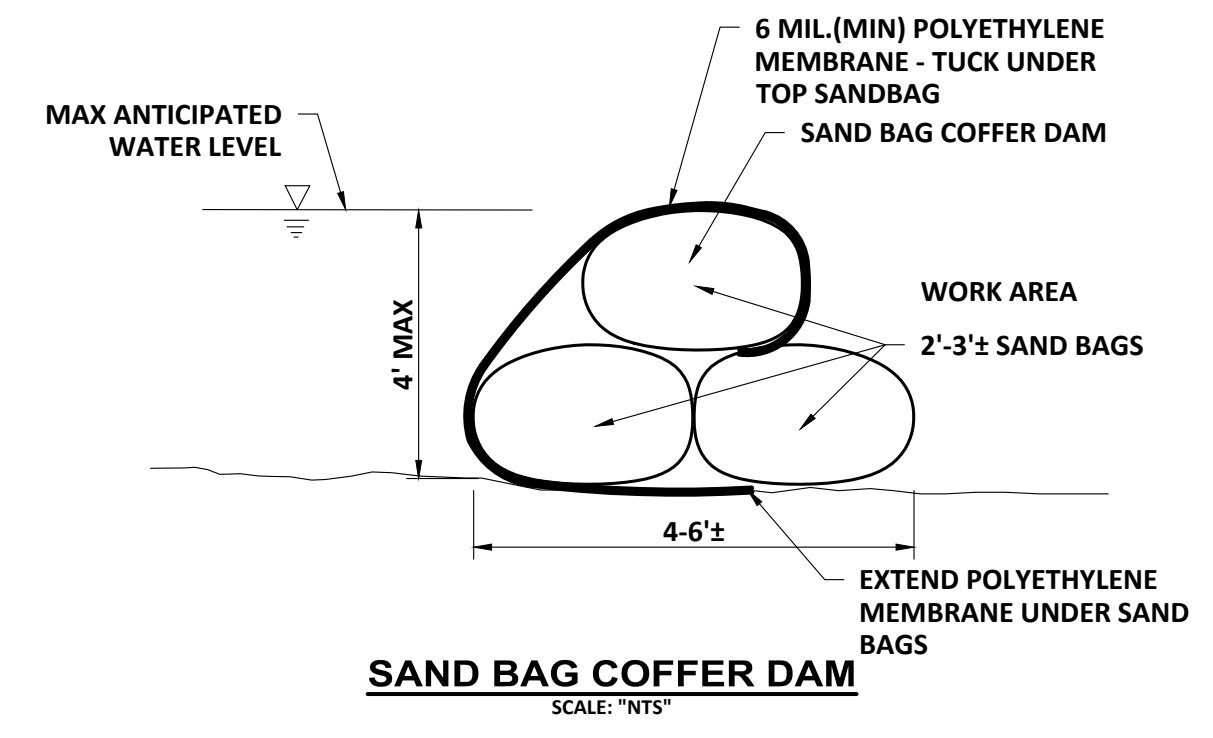
NOTICE: COMPONENTS OF TYPES 1 AND 2 MAY BE SIMILAR OR IDENTICAL TO PROPRIETARY DESIGNS. ANY INFRINGEMENT ON THE PROPRIETARY RIGHTS OF THE DESIGNER SHALL BE THE SOLE RESPONSIBILITY OF THE USER. SUBSTITUTIONS FOR TYPES 1 AND 2 SHALL BE AS APPROVED BY THE ENGINEER.

TYPICAL FLOATING TURBIDITY BARRIER DETAIL
 SCALE: NTS

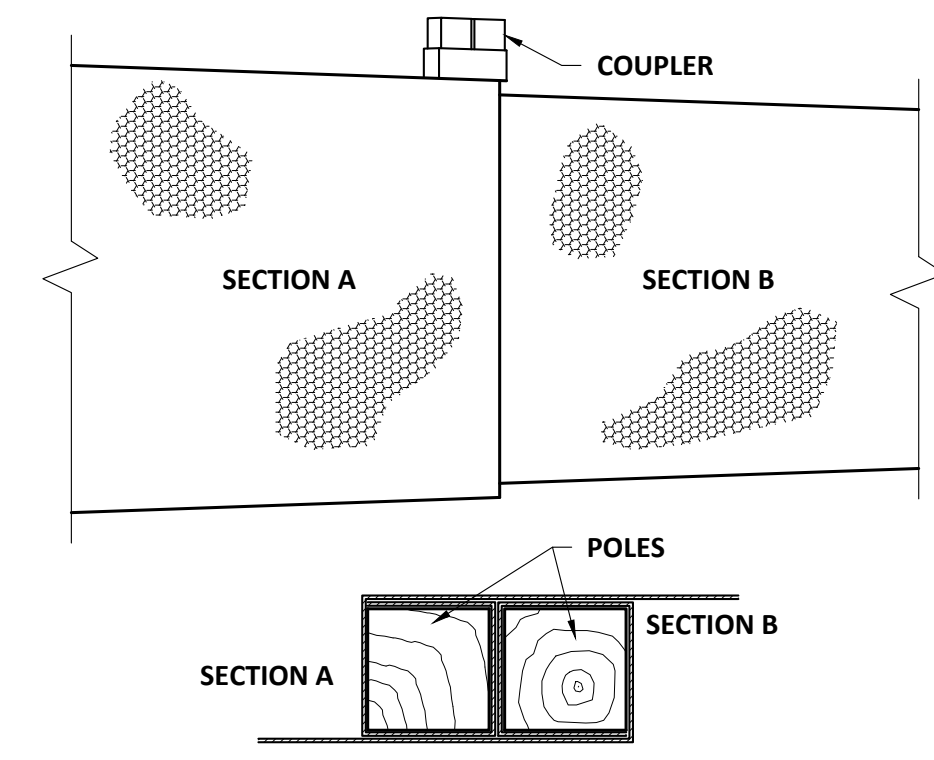


- NOTE:**
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWINGS OF SEDIMENT ONTO PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE TOP DRESSING REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
 2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
 3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.

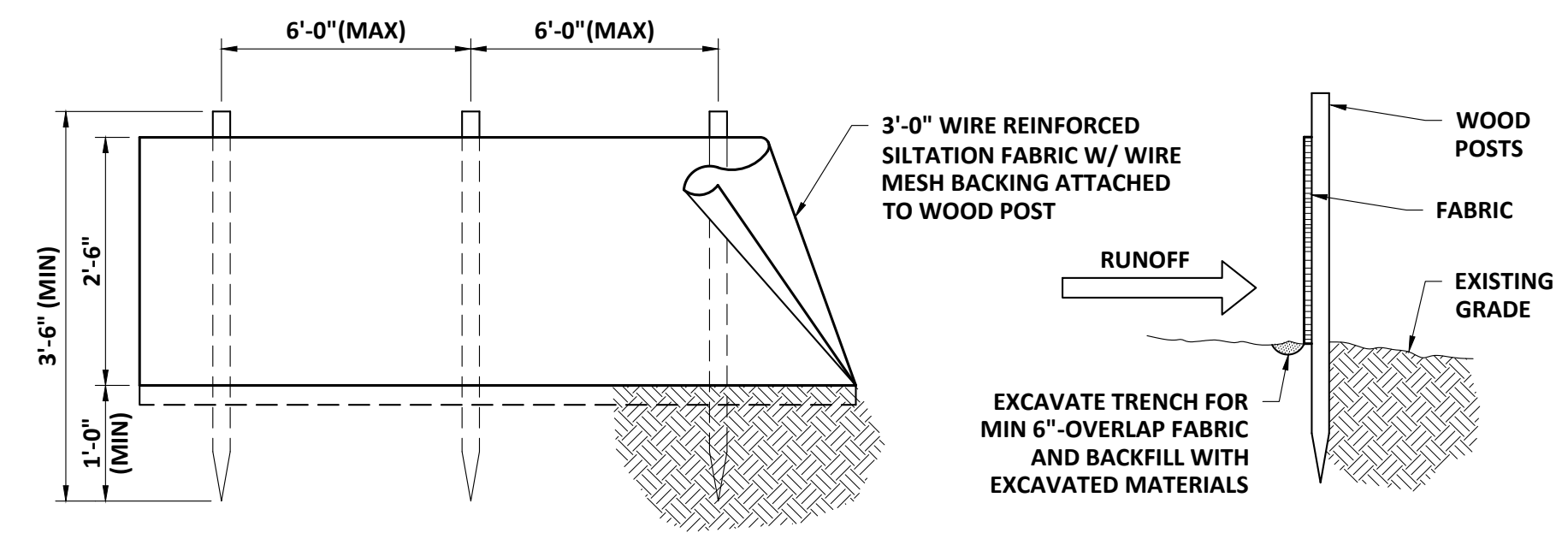
STABILIZED CONSTRUCTION ENTRANCE
 SCALE: "NTS"



SAND BAG COFFER DAM
 SCALE: "NTS"



JOINING SILT FENCE SECTIONS
 SCALE: "NTS"



SILT FENCE INSTALLATION DETAIL
 SCALE: NTS

NO	REVISIONS	APPD	DATE

PROJECT NO: 20850	DESIGNED: M.HOFFMAN
CAD COORD: D.METZ	CHECKED: W.NICKEL
CAD: D.METZ	DATE: 12/2023
APPROVED: M.HOFFMAN	DATE: 07/2024
SUBMISSION: BID SET - IFC	



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COUNTY OF LEVY, FLORIDA
 SHELL MOUND
 BOAT RAMP IMPROVEMENTS
 STORMWATER POLLUTION PREVENTION DETAILS





REVISIONS	APPD DATE

PROJECT NO: 20850
 DESIGNED: M.HOFF
 CAD COORD: D.METZ
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TRAFFIC MAINTENANCE PLAN
 DRAWING
 C-12

TRAFFIC MAINTENANCE PLAN
 SCALE: 1"=60'

- MAINTENANCE OF TRAFFIC NOTES:**
1. PROVIDE NOTICE TO OWNER 5 BUSINESS DAYS BEFORE TRAFFIC CONTROL PLAN IS INITIATED
 2. COMMENCE TRAFFIC CONTROL PLAN IMPLEMENTATION BEFORE OR STARTING THE DAY WORK BEGINS ON THE PROJECT.
 3. CONTRACTOR MAY PROPOSE AN ALTERNATIVE TRAFFIC CONTROL PLAN TO THE PLAN PRESENTED. OWNER RESERVES THE RIGHT TO REJECT ANY ALTERNATIVE TRAFFIC CONTROL PLAN.
 4. CONTRACTOR TO PROVIDE A WORK SITE TRAFFIC SUPERVISOR WHO IS RESPONSIBLE FOR INITIATING, INSTALLING, AND MAINTAINING ALL TEMPORARY TRAFFIC CONTROL DEVICES AS DESCRIBED ABOVE AND IN THE PLANS.
 5. CONDUCT OPERATIONS IN SUCH A MANNER THAT NO UNDUE HAZARD RESULTS FROM THE EXECUTION OF THE TRAFFIC CONTROL PLAN. PROCEDURES AND POLICIES DESCRIBED HEREIN IN NO WAY ACTS AS A WAIVER OF ANY TERMS OF THE LIABILITY OF THE CONTRACTOR OR HIS/HER SURETY.