

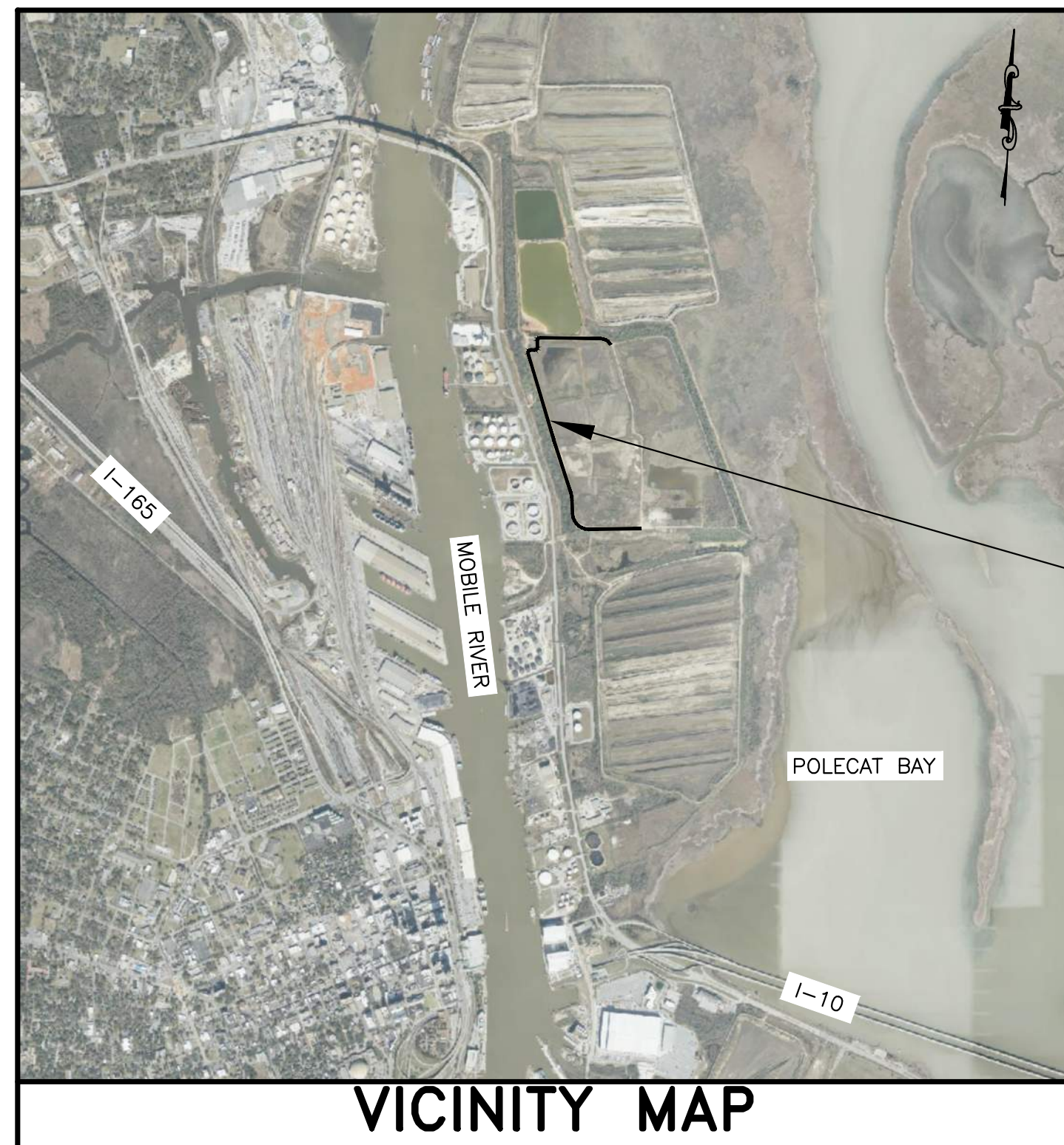
ALABAMA STATE PORT AUTHORITY WEST MUD LAKES DIKE RAISING PROJECT ASPA PROJECT NO.: 11363, TASK 1

THESE PLANS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE ALABAMA DEPARTMENT OF
TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION, 2022 EDITION.

APRIL 2024



PROJECT LOCATION



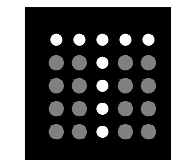
VICINITY MAP

NTS

PROJECT AREA

INDEX OF DRAWINGS

SHEET NO.	SHEET TITLE
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C700	MISCELLANEOUS DETAILS
C900-C914	CROSS SECTIONS



thompson
ENGINEERING

2970 COTTAGE HILL RD., STE. 190 TEL: (251) 666-2443
MOBILE, ALABAMA 36606 FAX: (251) 666-6422

SUBMITTED BY:

MATTHEW WAHN, P.E.

4/23/2024

DATE

LEGEND

	INDICATES CAPPED IRON PIN FOUND		INDICATES GAS METER
	INDICATES CAPPED 5/8" IRON PIN SET		INDICATES GAS VALVE
	INDICATES CRIMPED TOP IRON PIN FOUND		INDICATES GAS LINE
	INDICATES OPEN TOP IRON PIN FOUND		INDICATES GAS LINE MARKER
	INDICATES REBAR FOUND		INDICATES FIRE HYDRANT
	INDICATES CONCRETE MONUMENT FOUND		INDICATES WATER METER
	INDICATES POWER POLE		INDICATES WATER VALVE
	INDICATES GUY POLE		INDICATES WATER LINE
	INDICATES GUY WIRE		INDICATES SANITARY SEWER MANHOLE
	INDICATES OVERHEAD ELECTRIC		INDICATES SANITARY SEWER LINE
	INDICATES UNDERGROUND ELECTRIC		INDICATES CLEAN OUT
	INDICATES LIGHT POLE		INDICATES SEWER VALVE
	INDICATES METER POLE		INDICATES CABLE PEDESTAL
	INDICATES POWER BOX		INDICATES BUMPER POST
	INDICATES WOODEN FENCE		NOW OR FORMERLY
	INDICATES CHAIN LINK FENCE		REINFORCED CONCRETE PIPE
	INDICATES WIRE FENCE		CORRUGATED METAL PIPE
	INDICATES TELEPHONE PEDESTAL		INDICATES MAIL BOX
	INDICATES O/H TELEPHONE LINE		OAK TREE
	INDICATES UNDERGROUND TELEPHONE LINE		
	INDICATES FIBER OPTIC MARKER		
	INDICATES STORM WATER MANHOLE		
	EXISTING MAJOR CONTOUR		
	EXISTING MINOR CONTOUR		
	EASEMENT LINE (TBA)		
	RIGHT OF WAY (EXISTING)		
	LIMITS OF CONSTRUCTION		

GENERAL CONSTRUCTION NOTES:

- STANDARD SPECIFICATIONS FOR STREETS AND DRAINAGE: REFERENCE IS MADE TO THE ALABAMA DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR HIGHWAY CONSTRUCTION", 2022 EDITION. ALL PROVISIONS OF SAID STANDARD SPECIFICATIONS AND MOBILE COUNTY SUPPLEMENTAL SPECIFICATIONS SHALL APPLY TO THIS CONTRACT AND ARE HEREBY MADE A PART OF THIS CONTRACT, EXCEPT WHEN THE PROVISIONS HEREON OR THE PLANS ARE CLEARLY IN CONFLICT WITH THE PROVISIONS OF SAID STANDARD SPECIFICATIONS, THE PROVISIONS HEREON AND THE PLANS SHALL GOVERN.
- THE CONTRACTOR IS TO FIELD VERIFY ALL DIMENSIONS, ELEVATIONS, AND CONDITIONS PRIOR TO CONSTRUCTION OR FABRICATION.
- THE CONTRACTOR SHALL OBTAIN THE PERMISSION AND APPROVAL FOR ALL PROPOSED SUBCONTRACTORS AND SHALL BE RESPONSIBLE FOR ALL PHASES OF THE PROJECT INCLUDING THE SUBCONTRACTORS' WORK.
- WHERE A DETAIL IS SHOWN FOR ONE CONDITION, IT SHALL APPLY FOR ALL LIKE OR SIMILAR CONDITIONS EVEN THOUGH NOT SPECIFICALLY CALLED FOR ON THE DRAWINGS.
- ALL UNPAVED AREAS THAT HAVE BEEN GRADED, CUT, OR FILLED SHALL BE TREATED WITH A SUITABLE COMMERCIAL FERTILIZER IN ACCORDANCE WITH ALABAMA DEPARTMENT OF TRANSPORTATION 2018 STANDARD SPECIFICATIONS, AND SEEDED WITH A MIXTURE TO SUIT THE PLANTING ZONE (652.03) AND DATE OF PLANTING (860.01) PER ALABAMA DEPARTMENT OF TRANSPORTATION 2018 STANDARD SPECIFICATIONS.
- UNDERGROUND UTILITY LOCATIONS SHOWN ARE APPROXIMATE AND ARE BASED ON INFORMATION PROVIDED. THE UTILITIES SHOWN MAY NOT BE A COMPLETE REPRESENTATION OF ALL UTILITY LINES IN THE PROJECT AREA. CONTRACTOR IS REQUIRED TO CONTACT ALABAMA ONE CALL (811) (WWW.AL811.COM) PRIOR TO DIGGING. OTHER UTILITIES (INCLUDING PRIVATE UTILITIES OUTSIDE A PUBLIC RIGHT-OF-WAY) THAT DO NOT PARTICIPATE IN THE ALABAMA ONE CALL LINE LOCATION SERVICE NEED TO BE CONTACTED INDIVIDUALLY AND/OR PHYSICALLY LOCATED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ANY DAMAGE TO UTILITIES BY THE CONTRACTOR AS A RESULT OF NOT HAVING UTILITIES PROPERLY MARKED.
- SUB-GRADE AND BASE SHALL BE COMPACTED TO THE REQUIREMENTS OF ALABAMA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, UNLESS OTHERWISE NOTED.
- ALL FILL AND EMBANKMENT CONSTRUCTION SHALL BE COMPACTED AS REQUIRED IN LOOSE LIFT LAYERS NOT TO EXCEED 8".
- ALL EXCESS UNCLASSIFIED EXCAVATION IS TO BE UTILIZED FOR CONSTRUCTION OF EMBANKMENTS AND SLOPES NOT DIRECTLY UNDER THE TRAVEL WAY OR PARKING AREAS PRIOR TO USING ANY OFFSITE BORROW EXCAVATION. AFTER CONSTRUCTION OF SUCH AREAS IS COMPLETED, EXCESS EXCAVATION SHALL BE SPREAD AS DIRECTED BY THE ENGINEER, OR, AT THE ENGINEER'S DIRECTION, HAULED FROM THE SITE AT NO ADDITIONAL PAYMENT.
- ALL SEDIMENT CONTROL DEVICES SHALL BE CONSTRUCTED AND FULLY FUNCTIONING PRIOR TO ANY OTHER CONSTRUCTION OR GRADING ACTIVITY.
- ALL SLOPES MUST BE STABILIZED AS SOON AS POSSIBLE TO PREVENT EXCESSIVE EROSION.
- ALL MATERIALS SHALL BE NEW UNLESS USED OR SALVAGED MATERIALS ARE AUTHORIZED BY THE OWNER.
- CONTRACTOR IS REQUIRED TO USE "BEST MANAGEMENT PRACTICES" COMPLIANT WITH THE "ALABAMA HANDBOOK FOR EROSION CONTROL AND STORMWATER MANAGEMENT ON CONSTRUCTION SITES AND URBAN AREAS", ALABAMA SOIL AND WATER CONSERVATION COMMITTEE, MONTGOMERY, ALABAMA, VOLUMES 1 & 2, LATEST EDITION, TO PREVENT SEDIMENT LADEN STORM WATER RUNOFF OR ERODED MATERIALS FROM LEAVING THE CONSTRUCTION SITE.
- CONTRACTOR SHALL COORDINATE SITE ACCESS WITH PROPERTY OWNER(S).
- THE CONTRACTOR SHALL BE REQUIRED TO NOTIFY THE TESTING LABORATORY OF HIS WORKING SCHEDULE IN ORDER THAT THE PROPER SAMPLE MAY BE OBTAINED AND TEST MADE.

0	ISSUE FOR BID	04-24-24	MW
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ALABAMA STATE PORT AUTHORITY
 MOBILE, ALABAMA
 PROJECT NO.: 11363, TASK 1
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 MOBILE, ALABAMA 36606
 (251)666-2443

ASPA WEST MUD LAKE DIKE RAISING

PLANS LEGEND & GENERAL NOTES



Date:	Designed by:	Drawn by:	TE Job No.:	Sheet No.:	Rev.:
04-24-24	N/A	SSC	23-1101-0215	G101	0
Ckd by:	Reviewed by:	Submitted by:	Scale:		
MW	MCR	MW			

SUMMARY OF QUANTITIES



ITEM NUMBER	ITEM DESCRIPTION	UNIT	TOTAL
1	Mobilization	Lump Sum	1
2	Construction Entrance	Lump Sum	1
3	Clearing and Grubbing	Acres	1
4	Stripping	Square Yard	12300
5	Scarify Existing Surface	Square Yard	12300
6	Borrow Excavation (Measured Complete In Place)(Sand Clay)	Cubic Yard	25000
7	Dredge Material (Measured Complete In Place)(8" Thick Min.)	Cubic Yard	3000
8	Crushed Aggregate Base Course, Type B, Plant Mixed, 6" Compacted Thickness (ALDOT 825.03)	Ton	300
9	4"-6" Gabion Stone	Ton	50
10	Seeding	Acre	5
11	Mulching	Acre	10
12	Surveying	Lump Sum	1

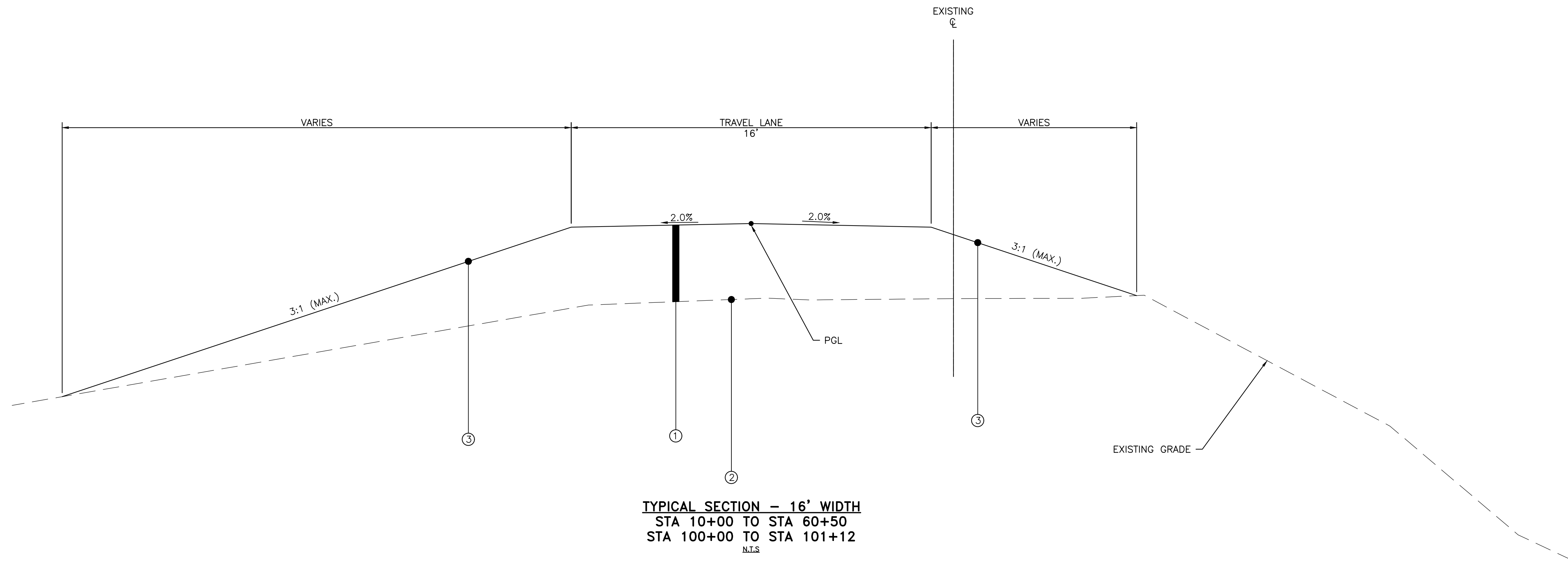
ADDITIVE ALTERNATE # 1

ITEM NUMBER	ITEM DESCRIPTION	UNIT	TOTAL
1	Borrow Excavation (Measured Complete In Place)(Sand Clay)	Cubic Yard	-550
2	Crushed Aggregate Base Course, Type B, Plant Mixed, 6" Compacted Thickness (ALDOT 825.03)	Ton	1100

NOTE: QUANTITIES ARE FOR INFORMATION ONLY. CONTRACTOR SHALL ESTIMATE THEIR OWN QUANTITIES FOR PREPARING LUMP SUM BID ITEMS.

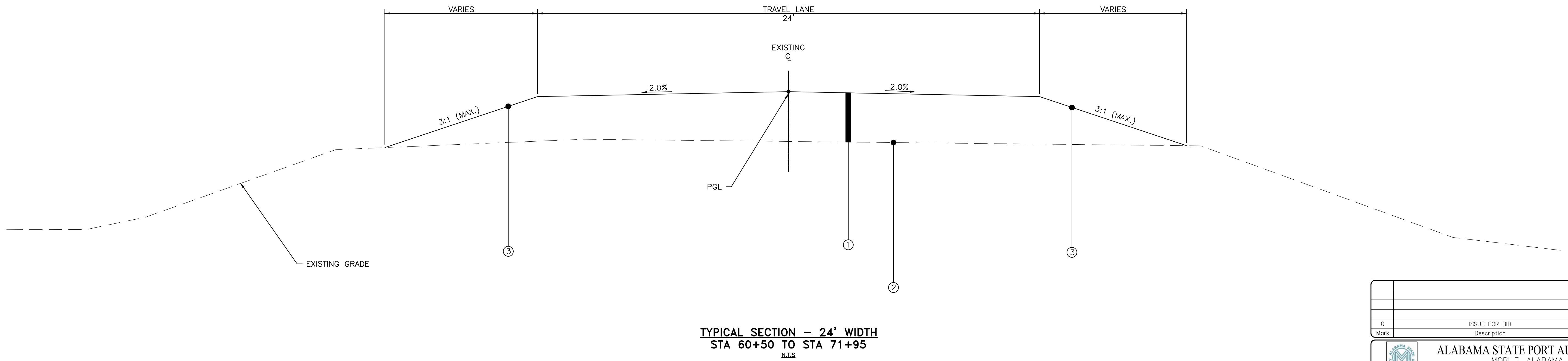


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ASPA WEST MUD LAKE DIKE RAISING			
SUMMARY OF QUANTITIES			
Date:	Designed by:	Drawn by:	TE Job No.:
04-24-24	N/A	SSC	23-1101-0215
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Sheet No. G102			Rev. 0



REQUIRED MATERIALS LEGEND

- ① IMPORTED SAND CLAY FILL (MEASURED COMPLETE IN PLACE)
- ② SCARIFY EXISTING SURFACE (TOP OF DIKE ONLY)
- ③ DREDGE MATERIAL (MEASURED COMPLETE IN PLACE) (8" THICK MINIMUM)



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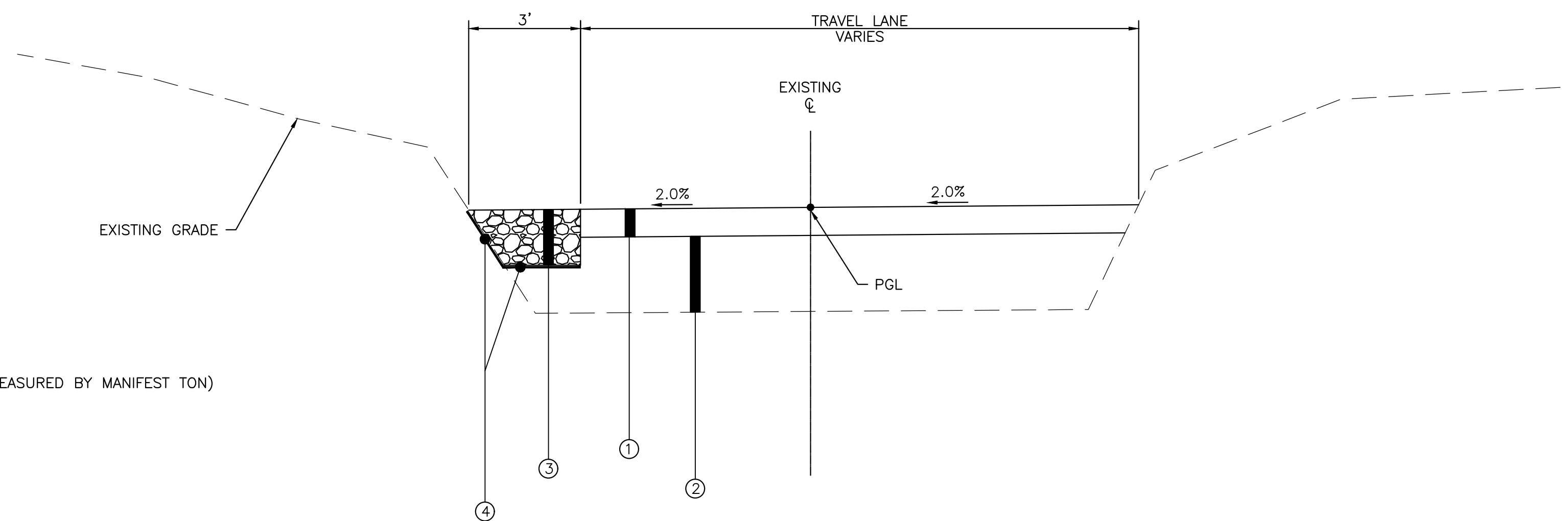
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ASP A WEST MUD LAKE DIKE RAISING

TYPICAL SECTIONS



Date:	Designed by:	Drawn by:	TE Job No.:	Sheet No.:	Rev.:
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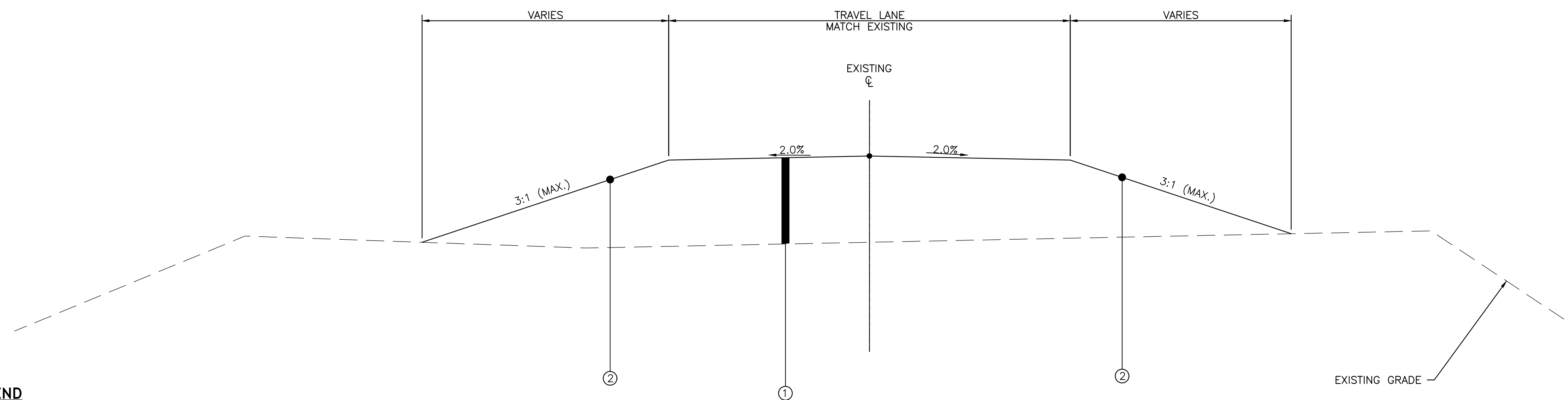


TYPICAL SECTION - SW ACCESS ROAD
 STA 200+00 TO STA 203+00
 N.T.S.

NOTE: TRANSITION TO 24' WIDTH TYPICAL SECTION (PREVIOUS SHEET)
 STA 203+00 TO STA 203+40

REQUIRED MATERIALS LEGEND

- ① CRUSHED AGGREGATE BASE COURSE, TYPE B, 6" COMPACTED THICKNESS (ALDOT 825.03) (MEASURED BY MANIFEST TON)
- ② IMPORTED SAND CLAY FILL (MEASURED COMPLETE IN PLACE)
- ③ 4"-6" GABION STONE (MEASURED BY MANIFEST TON) (1' THICK)
- ④ FILTER FABRIC (INCIDENTAL TO GABION STONE PAY ITEM)



TYPICAL SECTION - ACCESS ROAD TIE-IN
 (NW CORNER OF PROJECT)
 N.T.S.

REQUIRED MATERIALS LEGEND

- ① IMPORTED SAND CLAY FILL (MEASURED COMPLETE IN PLACE)
- ② DREDGE MATERIAL (MEASURED COMPLETE IN PLACE) (8" THICK MINIMUM)

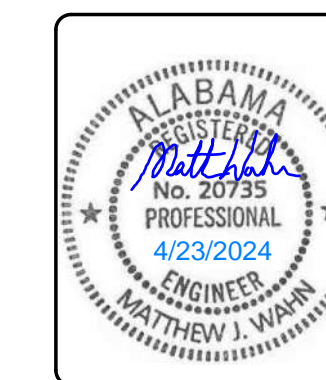
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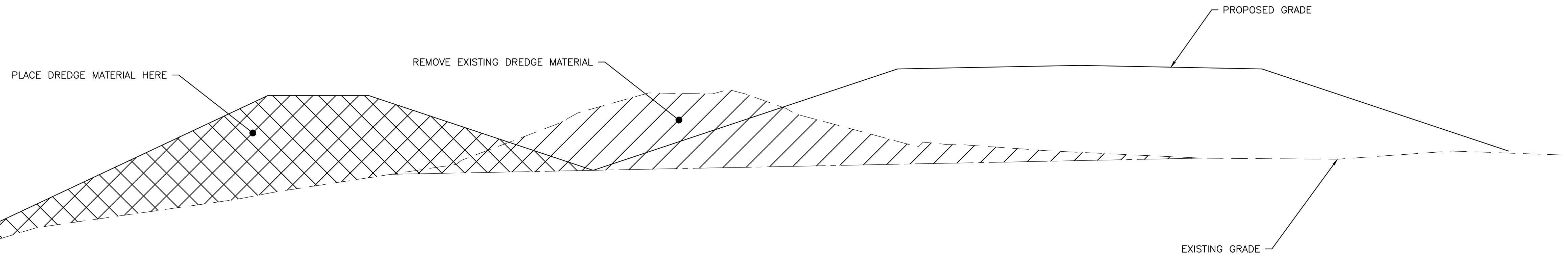
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TYPICAL SECTIONS



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TYPICAL SECTION -- DREDGE MATERIAL RELOCATION
N.T.S

NOTE: CONTRACTOR SHALL NOT IMPEDE EXISTING DRAINAGE SWALES WHEN RELOCATING EXISTING DREDGE MATERIAL

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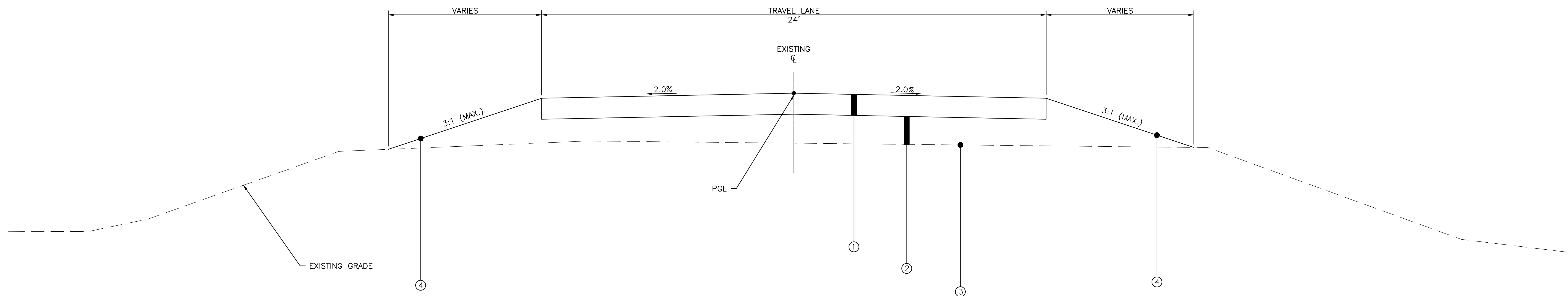
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REQUIRED MATERIALS LEGEND

- ① CRUSHED AGGREGATE BASE COURSE, TYPE B, 6" COMPACTED THICKNESS (ALDOT 825.03) (MEASURED BY MANIFEST TON)
- ② IMPORTED SAND CLAY FILL (MEASURED COMPLETE IN PLACE)
- ③ SCARIFY EXISTING SURFACE (TOP OF DIKE ONLY)
- ④ DREDGE MATERIAL (MEASURED COMPLETE IN PLACE) (8" THICK MINIMUM)

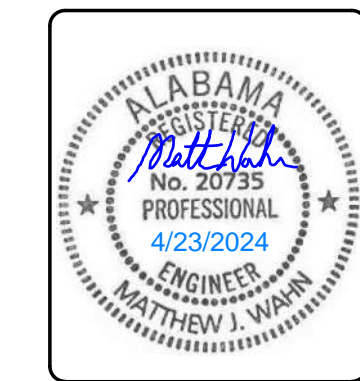
ADDITIVE ALTERNATE #1
 STA 60+50 TO STA 71+95
 N.T.S.

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ASPA WEST MUD LAKE DIKE RAISING
TYPICAL SECTIONS
(ADDITIVE ALTERNATE #1)



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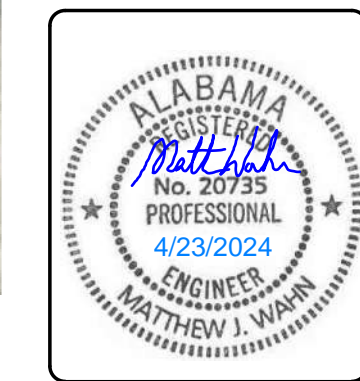
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OVERALL SITE PLAN



Date:	Designed by:	Drawn by:	TE Job No.:	Sheet No.:	Rev.:
04-24-24	N/A	SSC	23-1101-0215	C200	0
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MW	MCR	MW			

Curve Table: West Mud Lake – Main

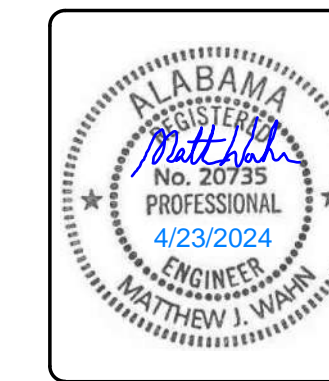
Curve #	Radius	Length	PI STA	PI COORDINATES	PC STA	PC ELEV.	PC COORDINATES	PT STA	PT ELEV.	PT COORDINATES
C1	450.00	170.75	12+27.57	263503.64, 1801692.44	11+41.15	54.00'	263471.51, 1801772.66	13+11.91	54.00'	263503.77, 1801606.03
C2	50.00	78.25	23+63.55	263522.00, 1800554.74	23+13.84	54.00'	263521.83, 1800604.45	23+92.08	54.00'	263472.30, 1800554.27
C3	50.00	76.65	26+05.79	263258.60, 1800552.25	25+57.64	54.00'	263306.75, 1800552.71	26+34.29	54.00'	263257.24, 1800504.12
C4	50.00	91.97	27+69.56	263253.41, 1800368.91	27+03.94	54.00'	263255.27, 1800434.51	27+95.91	54.03'	263190.66, 1800388.11
C5	500.00	60.02	43+45.31	261709.98, 1800844.43	43+15.26	55.18'	261738.68, 1800835.53	43+75.28	55.22'	261680.43, 1800849.83
C6	1000.00	149.68	45+53.47	261505.14, 1800881.84	44+78.49	55.30'	261578.89, 1800868.37	46+28.17	55.41'	261434.21, 1800906.16
C7	500.00	88.84	56+84.78	260429.30, 1801231.23	56+40.25	56.17'	260472.26, 1801219.51	57+29.09	56.24'	260384.93, 1801235.17
C8	150.00	161.90	60+45.24	260070.01, 1801263.12	59+55.39	56.41'	260159.51, 1801255.17	61+17.30	56.49'	260034.79, 1801345.77
C9	600.00	232.71	62+93.47	259965.71, 1801507.84	61+75.63	56.50'	260011.91, 1801399.44	64+08.34	56.50'	259963.94, 1801625.66
C10	90.00	127.17	72+44.62	259951.35, 1802461.84	71+67.81	56.50'	259952.50, 1802385.04	72+94.97	56.50'	260027.01, 1802475.05

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ASPA WEST MUD LAKE DIKE RAISING

CURVE DATA

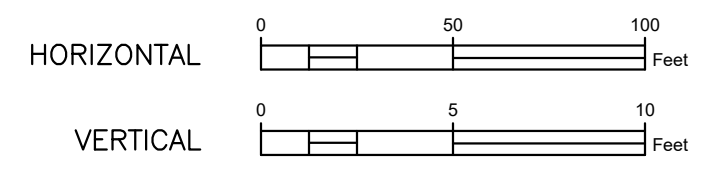
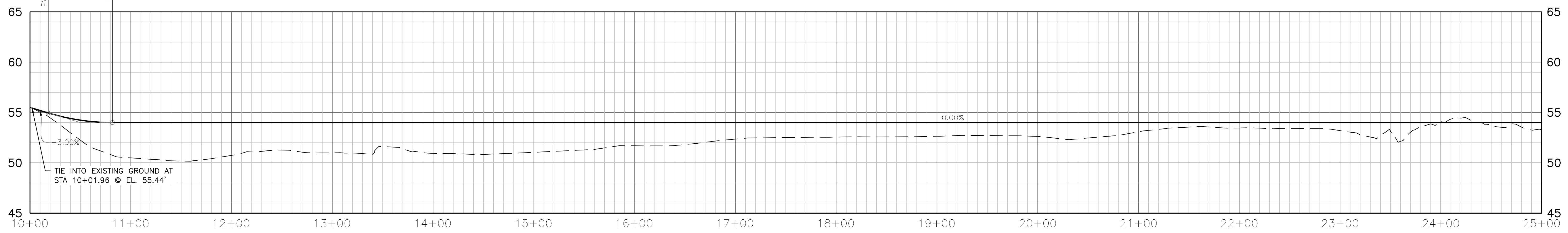


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MW	MCR	MW			



NOTE: SEE SHEET C300 FOR CURVE DATA.

PVI STA = 10+50.00
 PVI ELEV = 54.00
 PI = 21.25
 CURVE LEN = 63.66
 PVC STA = 10+18.17
 PVC EL = 54.95
 PVI STA = 10+81.83
 PVI EL = 54.00

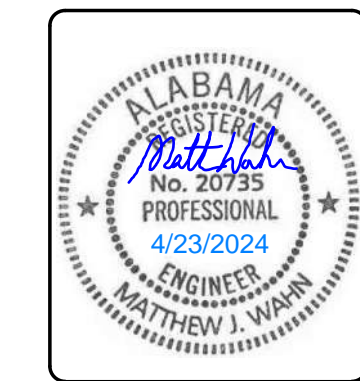


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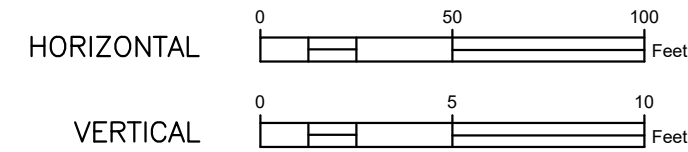
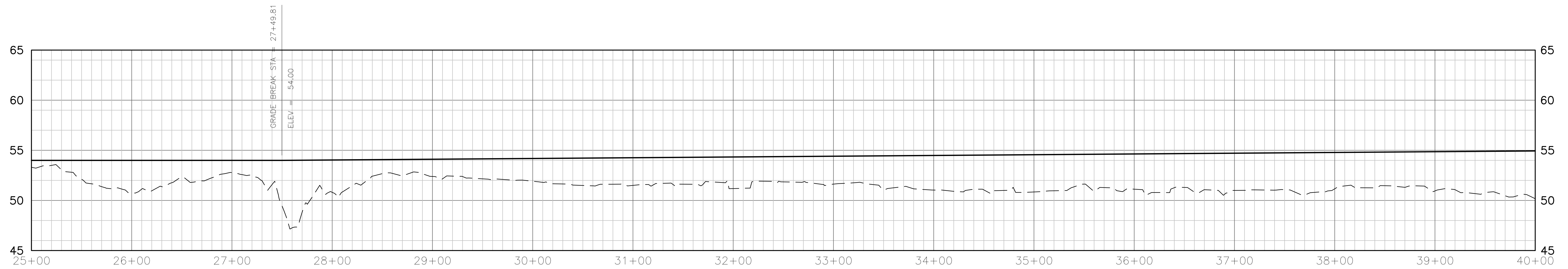
PLAN & PROFILE





Date:	Designed by:	Drawn by:	TE Job No.:	Sheet No.:	Rev.:
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Ckd by:	Reviewed by:	Submitted by:	Scale:		
MW	MCR	MW			



NOTE: SEE SHEET C300 FOR CURVE DATA.

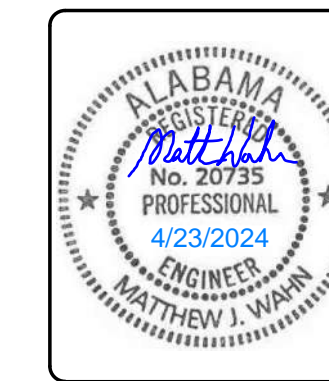


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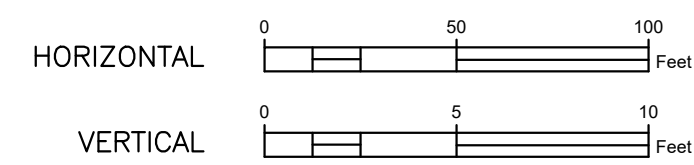
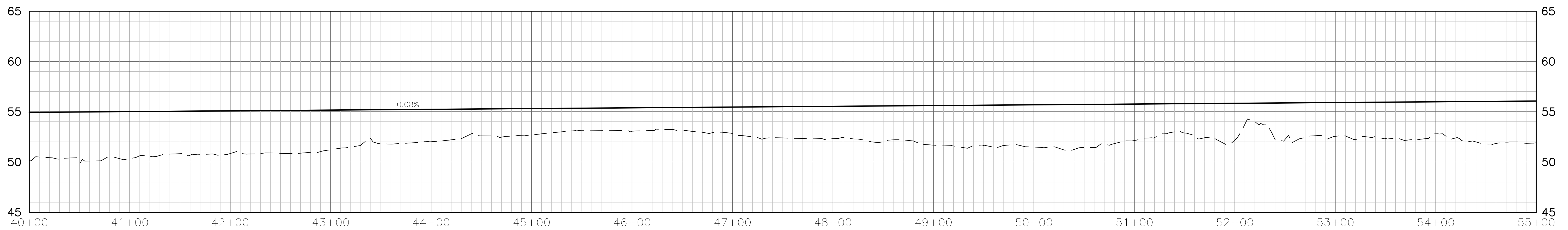
PLAN & PROFILE





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04-24-24	N/A	SSC	23-1101-0215	C401	0
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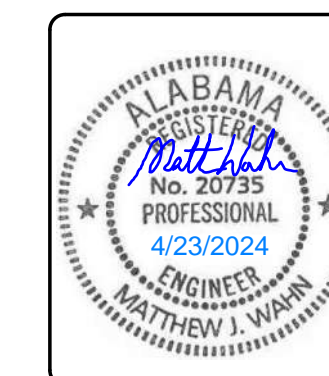


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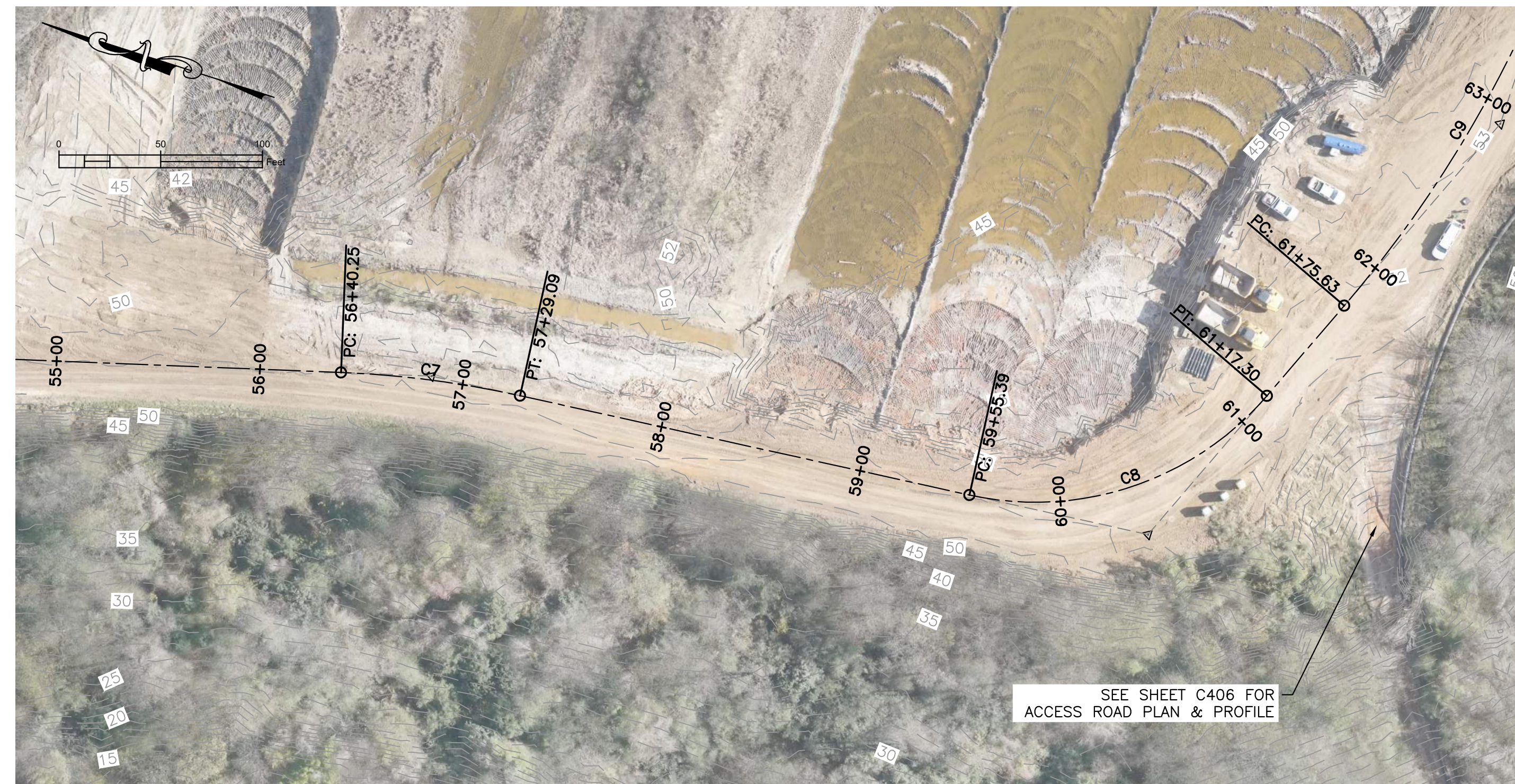

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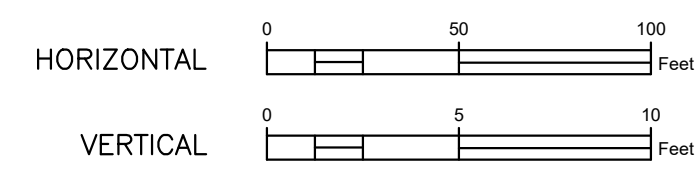
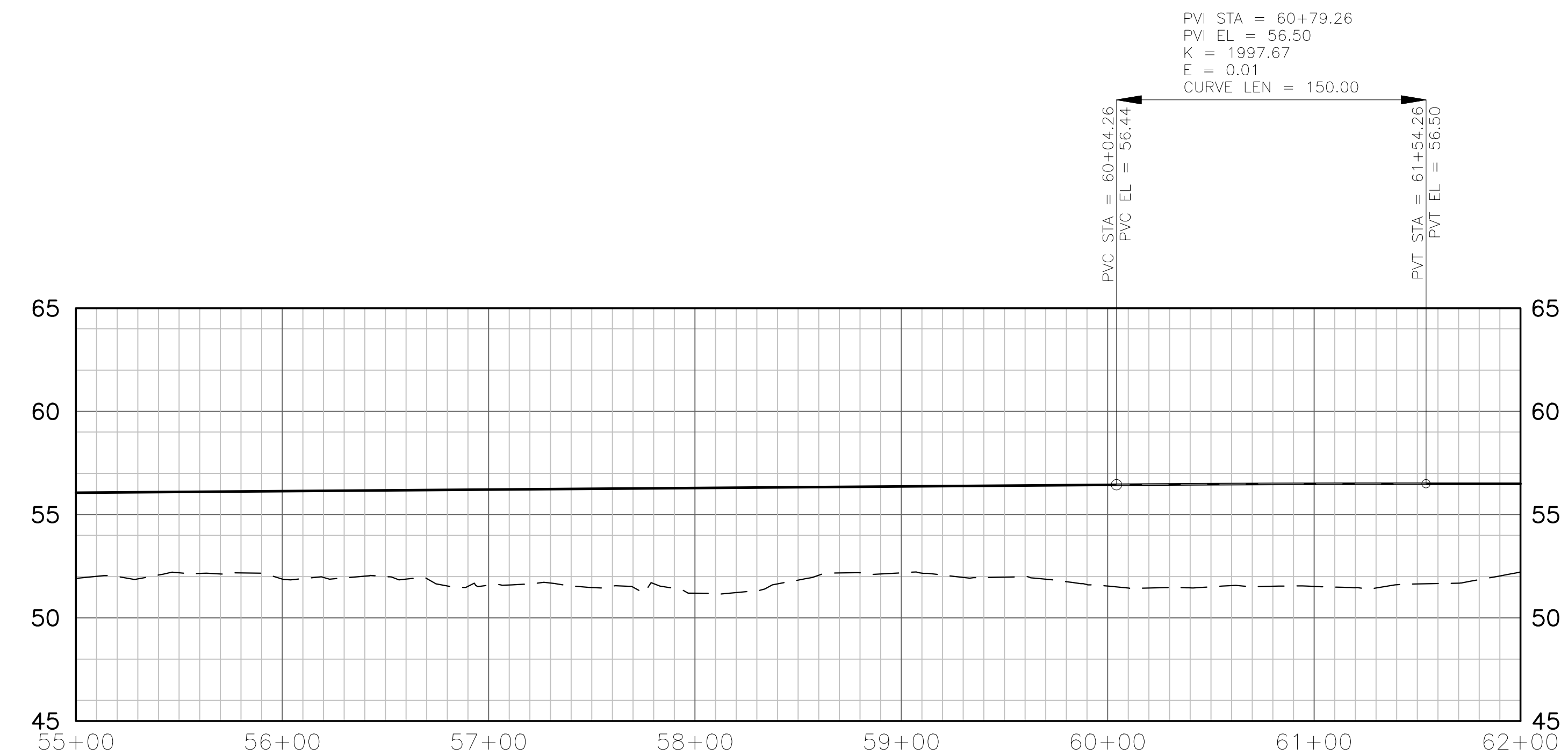
PLAN & PROFILE



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04-24-24	N/A	SSC	23-1101-0215	C402	0
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MW	MCR	MW			



NOTE: SEE SHEET C300 FOR CURVE DATA.



0	ISSUE FOR BID	04-24-24	MW
Mark	Description	Date	Appr

ALABAMA STATE PORT AUTHORITY
 MOBILE, ALABAMA
 PROJECT NO.: 11363, TASK 1
 2970 COTTAGE HILL ROAD, SUITE 190
 MOBILE, ALABAMA 36606
 (251)666-2443

thompson ENGINEERING

ASPA WEST MUD LAKE DIKE RAISING

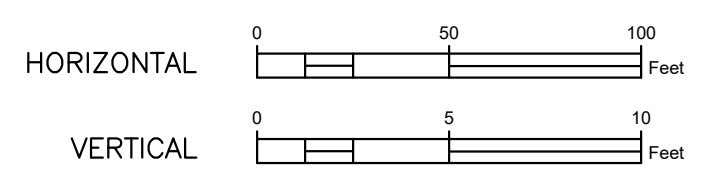
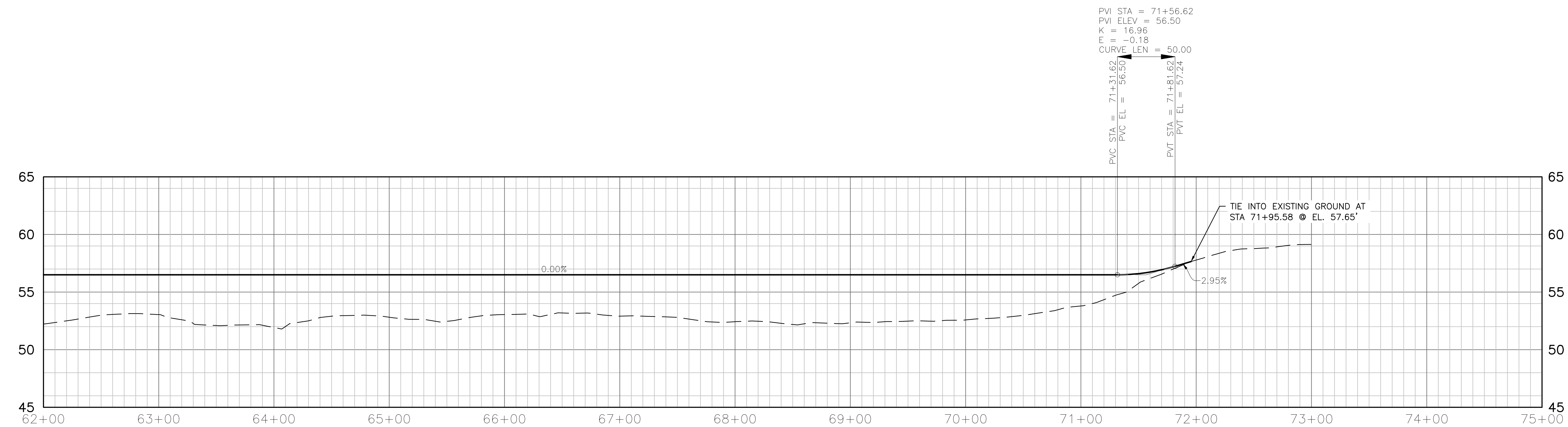
PLAN & PROFILE



Date:	Designed by:	Drawn by:	TE Job No.:	Sheet No.	Rev.
04-24-24	N/A	SSC	23-1101-0215	C403	0
Ckd by:	Reviewed by:	Submitted by:	Scale:		
MW	MCR	MW			



NOTE: SEE SHEET C300 FOR CURVE DATA.

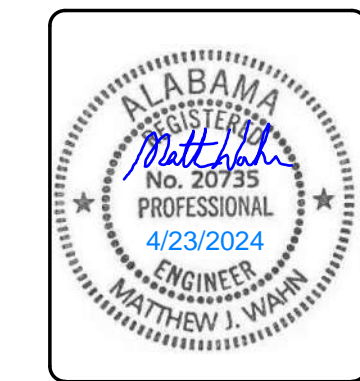


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Mark	Description	Date	Appr.

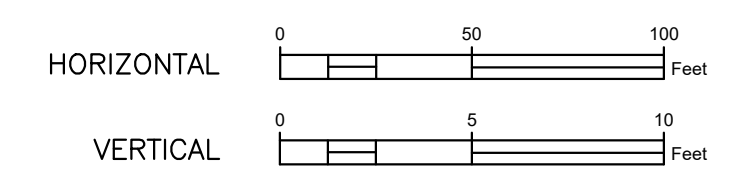
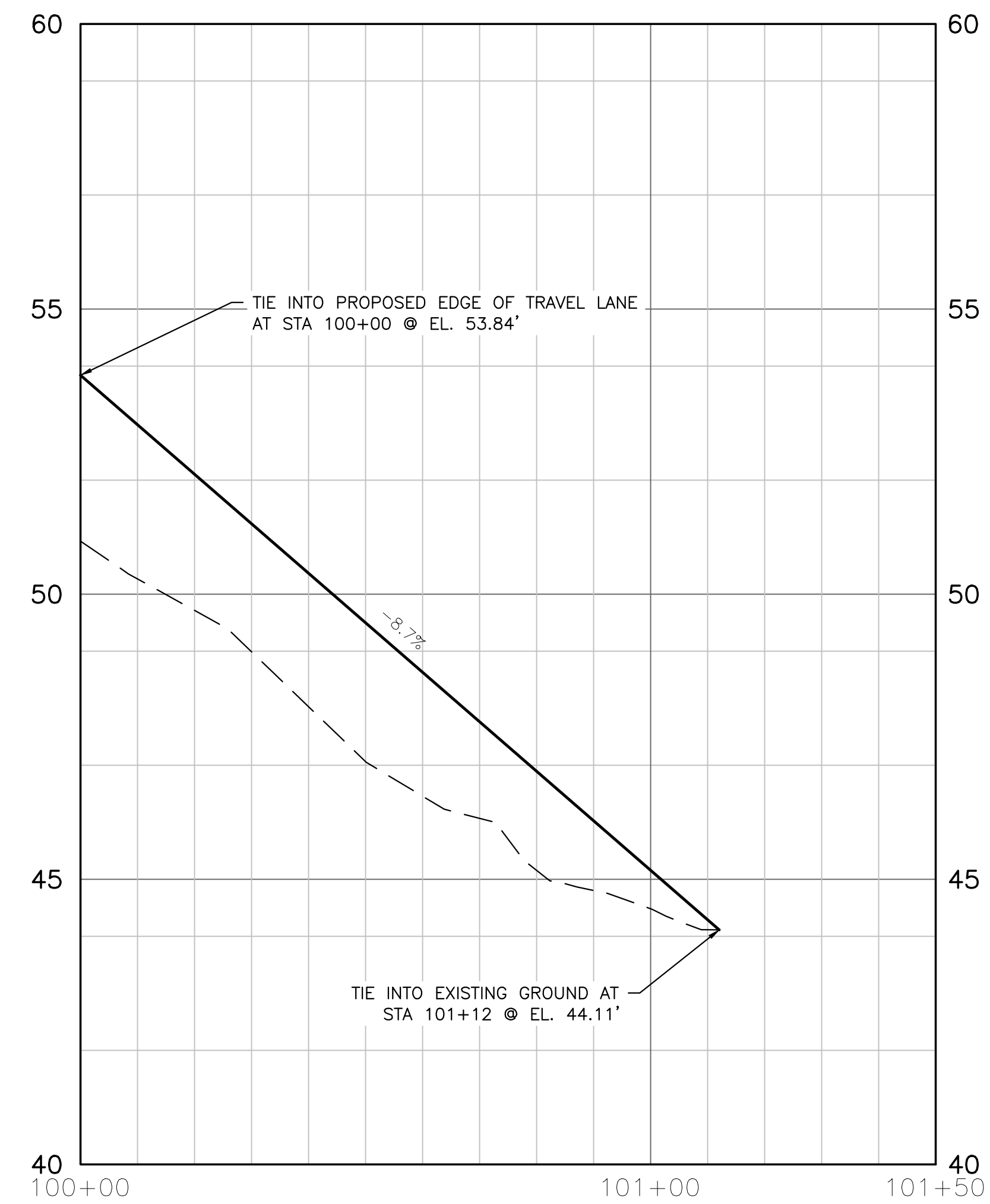
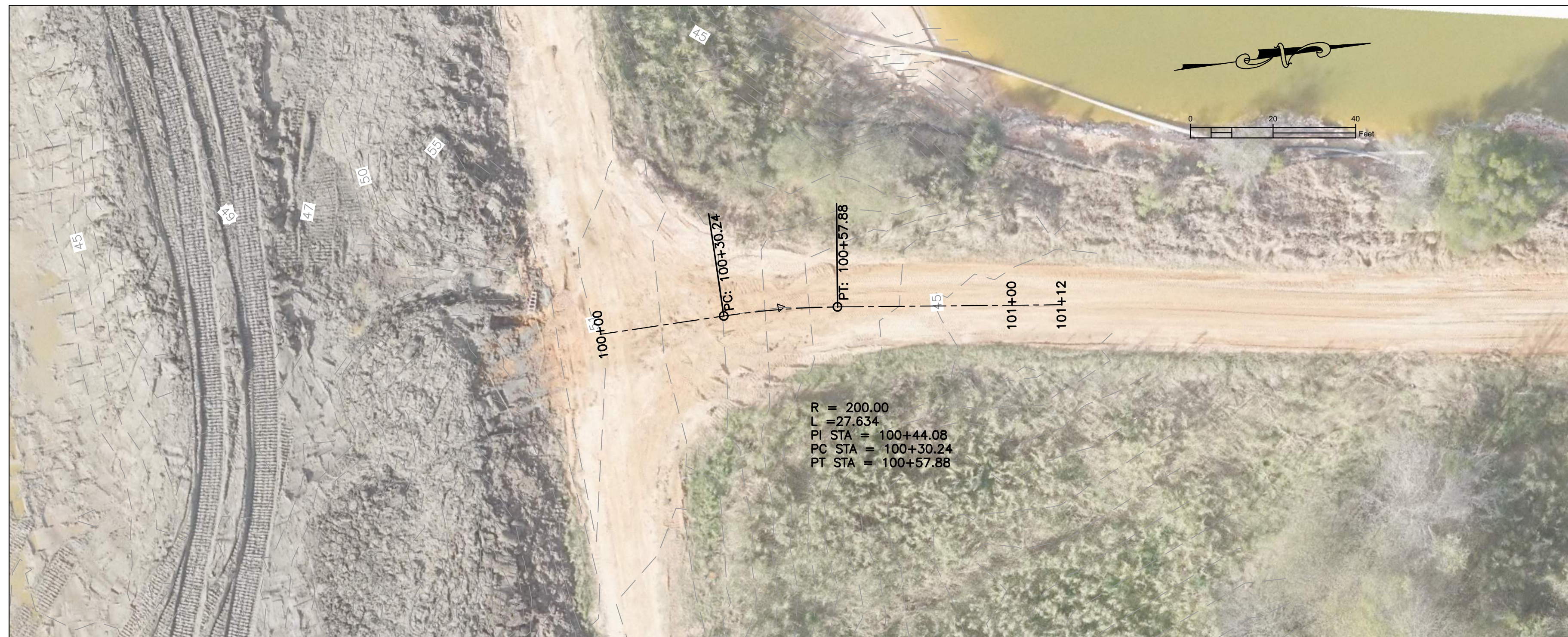
ALABAMA STATE PORT AUTHORITY
MOBILE, ALABAMA
PROJECT NO.: 11363, TASK 1
thompson ENGINEERING 2970 COTTAGE HILL ROAD, SUITE 190
MOBILE, ALABAMA 36606
(251)666-2443



ASPA WEST MUD LAKE DIKE RAISING

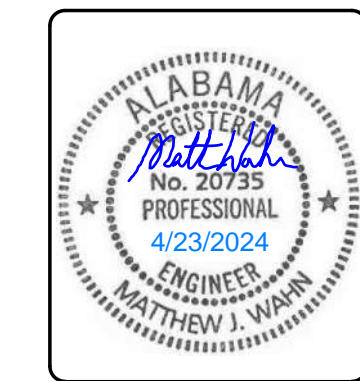
PLAN & PROFILE

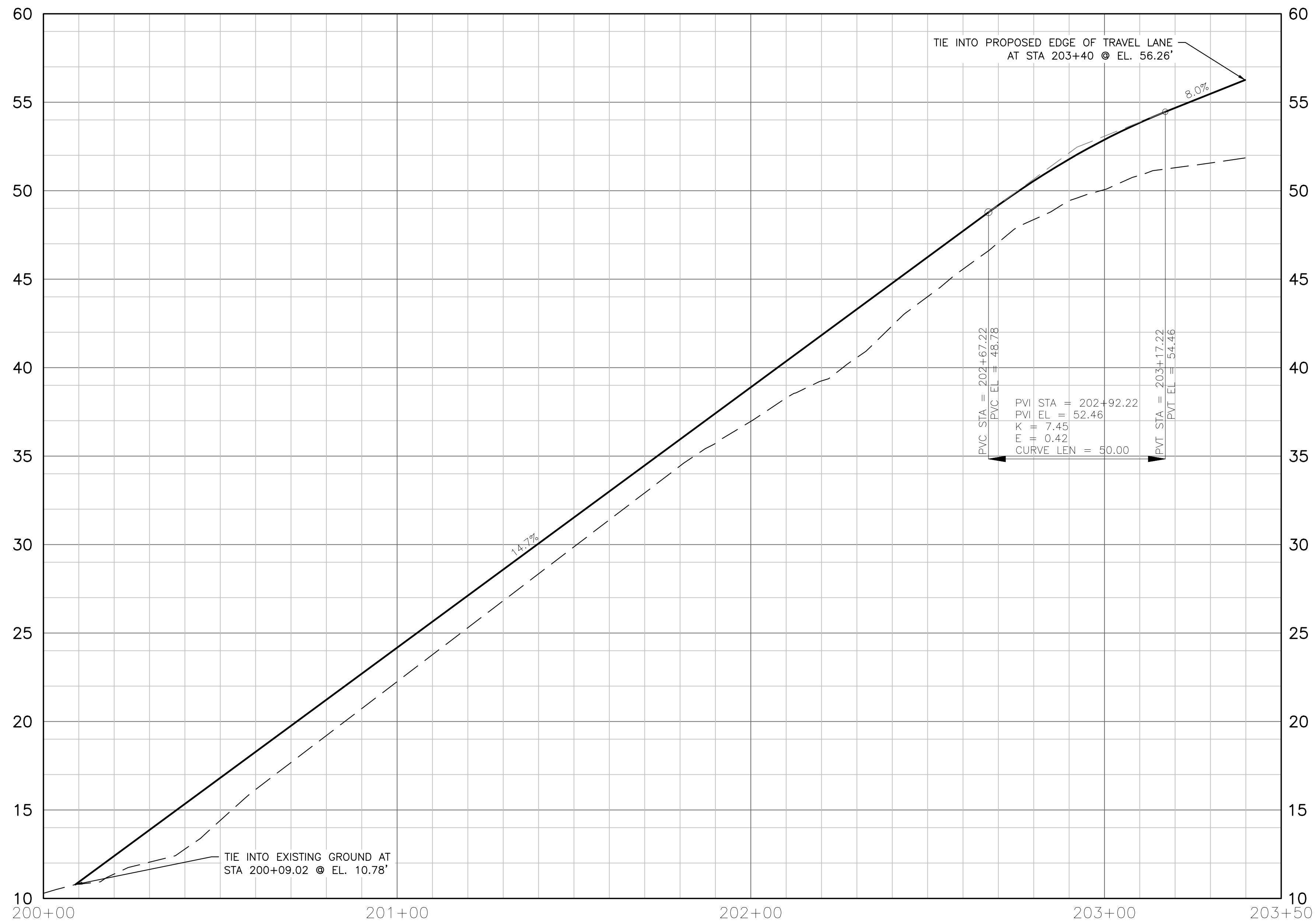


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Ckd by: MW	Reviewed by: MCR	Submitted by: MW	Scale:		

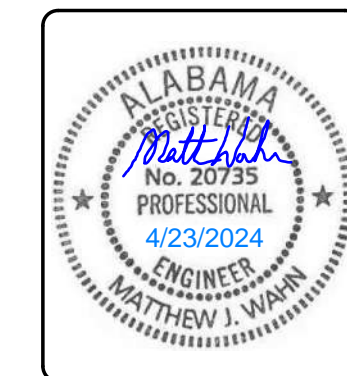


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Mark	Description	Date	Appr.		
 ALABAMA STATE PORT AUTHORITY MOBILE, ALABAMA PROJECT NO.: 11363, TASK 1					
 thompson ENGINEERING		2970 COTTAGE HILL ROAD, SUITE 190 MOBILE, ALABAMA 36606 (251)666-2443			
ASPA WEST MUD LAKE DIKE RAISING					
PLAN & PROFILE					
Date:	Designed by:	Drawn by:	TE Job No:	Sheet No.	Rev.
04-24-24	N/A	SSC	23-1101-0215	C405	0
Ckd by:	Reviewed by:	Submitted by:	Scale:		
MW	MCR	MW			







0	ISSUE FOR BID	04-24-24	MW
Mark	Description	Date	Appr.
ALABAMA STATE PORT AUTHORITY MOBILE, ALABAMA PROJECT NO.: 11363, TASK 1			
thompson ENGINEERING		2970 COTTAGE HILL ROAD, SUITE 190 MOBILE, ALABAMA 36606 (251)666-2443	
ASPA WEST MUD LAKE DIKE RAISING			
PLAN & PROFILE			
Date:	Designed by:	Drawn by:	TE Job No:
04-24-24	N/A	SSC	23-1101-0215
Ckd by:	Reviewed by:	Submitted by:	Scale:
MW	MCR	MW	
Sheet No.			Rev.
C406			0



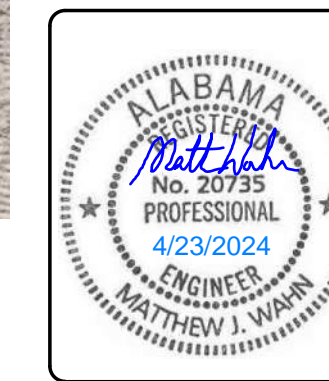


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Mark	Description	Date	Appr.

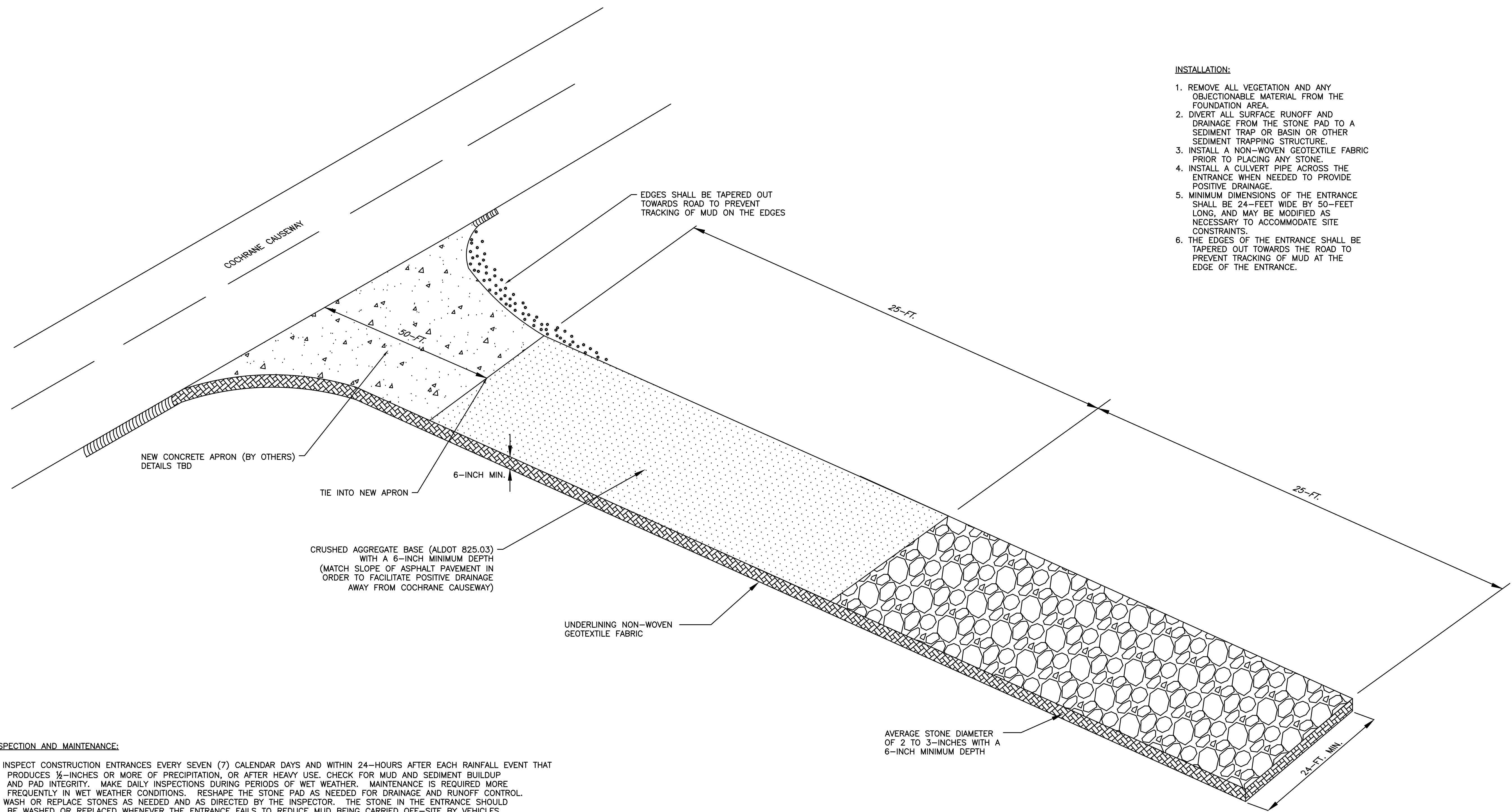

ALABAMA STATE PORT AUTHORITY
 MOBILE, ALABAMA
 PROJECT NO.: 11363, TASK 1

thompson ENGINEERING 2970 COTTAGE HILL ROAD, SUITE 190
 MOBILE, ALABAMA 36606
 (251)666-2443

ASPA WEST MUD LAKE DIKE RAISING

ACCESS ROAD GRADING PLAN



Date:	Designed by:	Drawn by:	TE Job No.:	Sheet No.	Rev.
04-24-24	N/A	SSC	23-1101-0215	C410	0
Ckd by:	Reviewed by:	Submitted by:	Scale:		
MW	MCR	MW			



- INSTALLATION:**
1. REMOVE ALL VEGETATION AND ANY OBJECTIONABLE MATERIAL FROM THE FOUNDATION AREA.
 2. DIVERT ALL SURFACE RUNOFF AND DRAINAGE FROM THE STONE PAD TO A SEDIMENT TRAP OR BASIN OR OTHER SEDIMENT TRAPPING STRUCTURE.
 3. INSTALL A NON-WOVEN GEOTEXTILE FABRIC PRIOR TO PLACING ANY STONE.
 4. INSTALL A CULVERT PIPE ACROSS THE ENTRANCE WHEN NEEDED TO PROVIDE POSITIVE DRAINAGE.
 5. MINIMUM DIMENSIONS OF THE ENTRANCE SHALL BE 24- FEET WIDE BY 50- FEET LONG, AND MAY BE MODIFIED AS NECESSARY TO ACCOMMODATE SITE CONSTRAINTS.
 6. THE EDGES OF THE ENTRANCE SHALL BE TAPERED OUT TOWARDS THE ROAD TO PREVENT TRACKING OF MUD AT THE EDGE OF THE ENTRANCE.

EDGES SHALL BE TAPERED OUT TOWARDS ROAD TO PREVENT TRACKING OF MUD ON THE EDGES

NEW CONCRETE APRON (BY OTHERS) DETAILS TBD

TIE INTO NEW APRON

CRUSHED AGGREGATE BASE (ALDOT 825.03) WITH A 6-INCH MINIMUM DEPTH (MATCH SLOPE OF ASPHALT PAVEMENT IN ORDER TO FACILITATE POSITIVE DRAINAGE AWAY FROM COCHRANE CAUSEWAY)

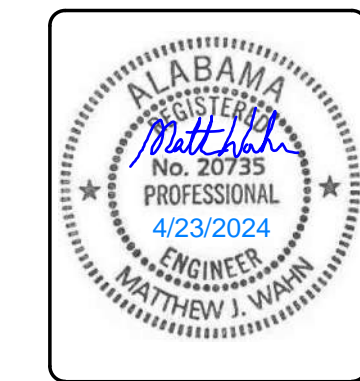
UNDERLINING NON-WOVEN GEOTEXTILE FABRIC

AVERAGE STONE DIAMETER OF 2 TO 3-INCHES WITH A 6-INCH MINIMUM DEPTH

INSPECTION AND MAINTENANCE:

1. INSPECT CONSTRUCTION ENTRANCES EVERY SEVEN (7) CALENDAR DAYS AND WITHIN 24-HOURS AFTER EACH RAINFALL EVENT THAT PRODUCES ½-INCHES OR MORE OF PRECIPITATION, OR AFTER HEAVY USE. CHECK FOR MUD AND SEDIMENT BUILDUP AND PAD INTEGRITY. MAKE DAILY INSPECTIONS DURING PERIODS OF WET WEATHER. MAINTENANCE IS REQUIRED MORE FREQUENTLY IN WET WEATHER CONDITIONS. RESHAPE THE STONE PAD AS NEEDED FOR DRAINAGE AND RUNOFF CONTROL.
2. WASH OR REPLACE STONES AS NEEDED AND AS DIRECTED BY THE INSPECTOR. THE STONE IN THE ENTRANCE SHOULD BE WASHED OR REPLACED WHENEVER THE ENTRANCE FAILS TO REDUCE MUD BEING CARRIED OFF-SITE BY VEHICLES.
3. FREQUENT WASHING WILL EXTEND THE USEFUL LIFE OF STONE.
4. IMMEDIATELY REMOVE MUD AND SEDIMENT TRACKED OR WASHED ONTO PUBLIC ROADS BY BRUSHING OR SWEEPING.
5. FLUSHING SHOULD ONLY BE USED WHEN THE WATER CAN BE DISCHARGED TO A SEDIMENT TRAP OR BASIN.
6. REPAIR ANY BROKEN PAVEMENT IMMEDIATELY.

CONSTRUCTION ENTRANCE
N.T.S



0	ISSUE FOR BID	04-24-24	MW
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ALABAMA STATE PORT AUTHORITY
MOBILE, ALABAMA
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2970 COTTAGE HILL ROAD, SUITE 190
MOBILE, ALABAMA 36606
(251)666-2443

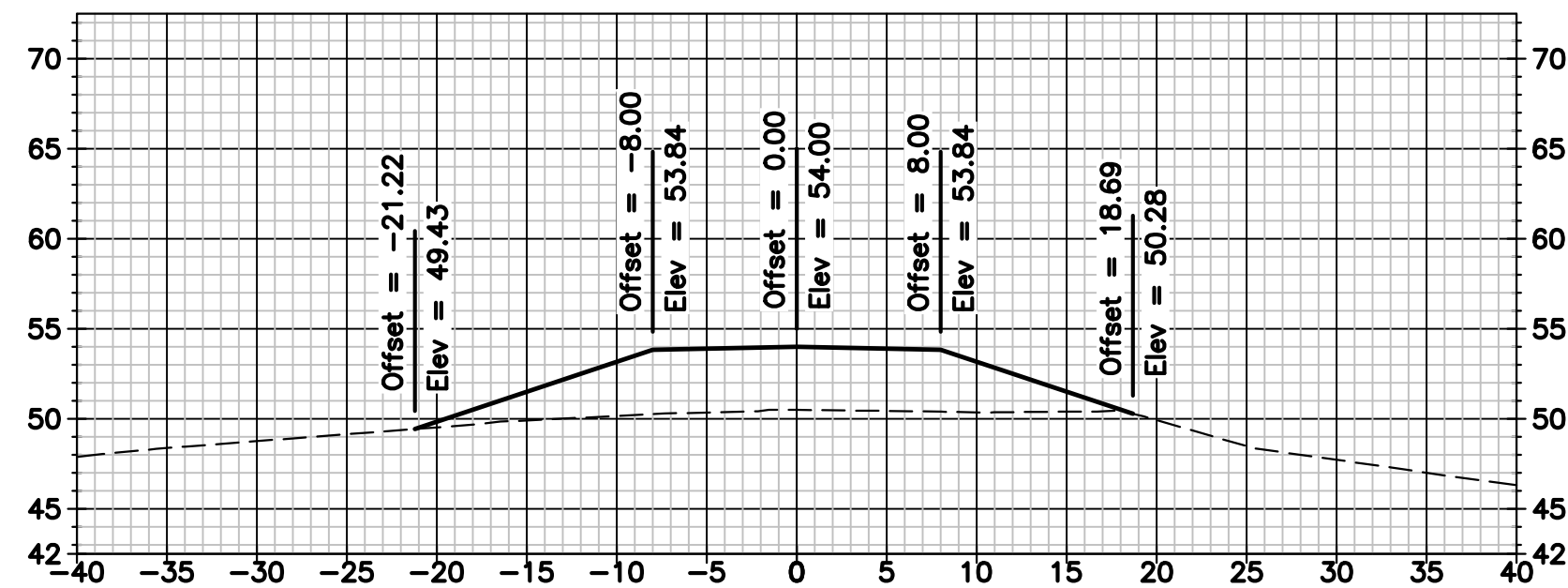
thompson ENGINEERING

ASPA WEST MUD LAKE DIKE RAISING

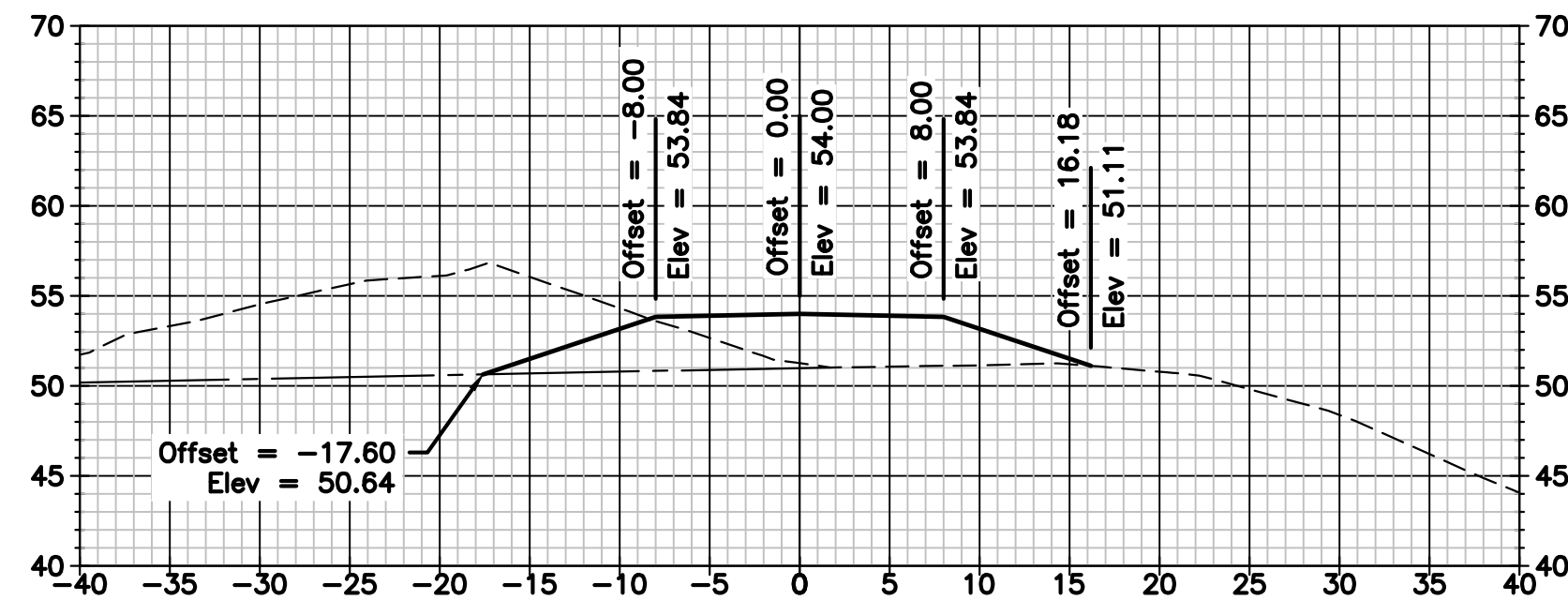
MISCELLANEOUS DETAILS

Date:	Designed by:	Drawn by:	TE Job No.:	Sheet No.:	Rev.:
04-24-24	N/A	SSC	23-1101-0215	C700	0
Ckd by:	Reviewed by:	Submitted by:	Scale:		
MW	MCR	MW			

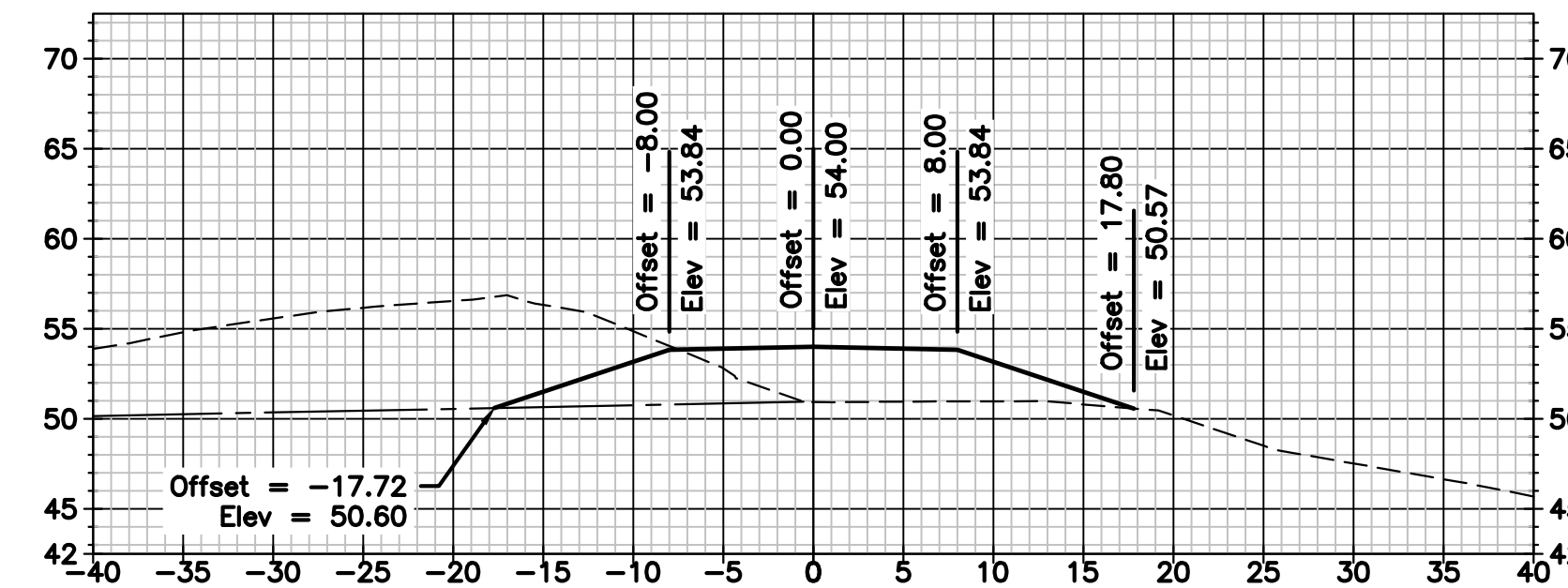
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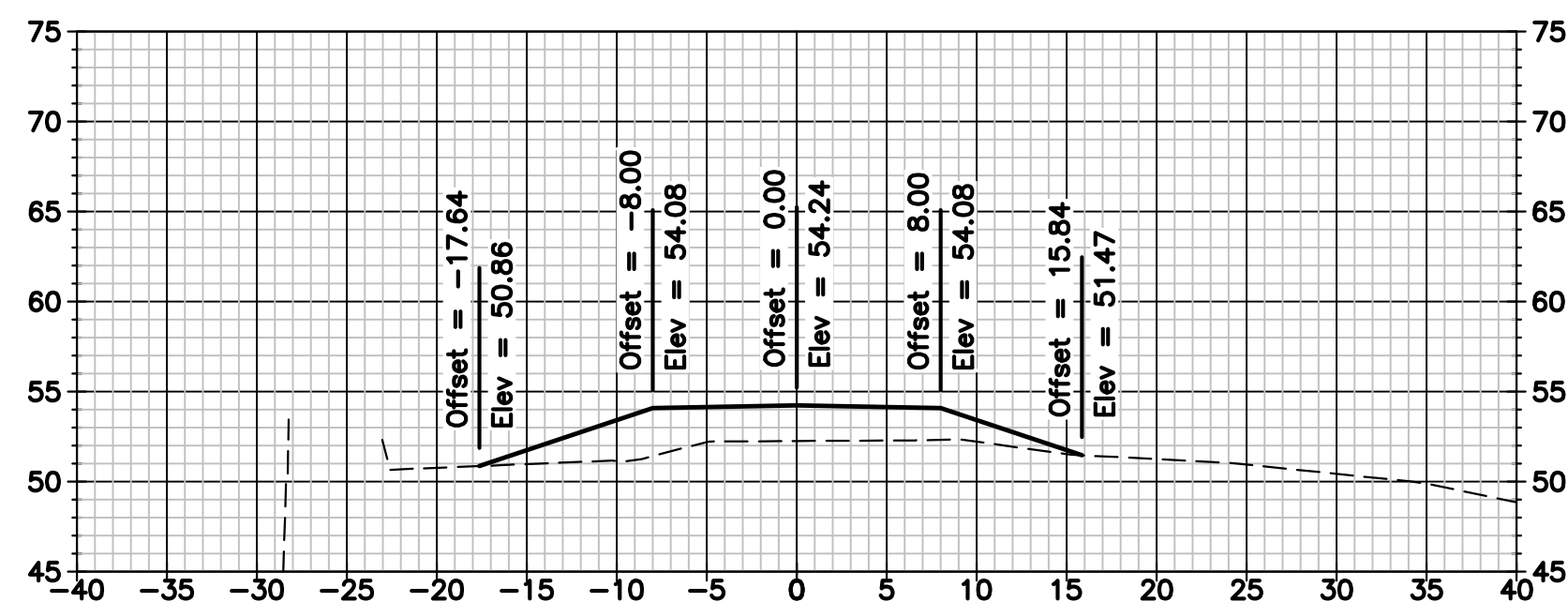
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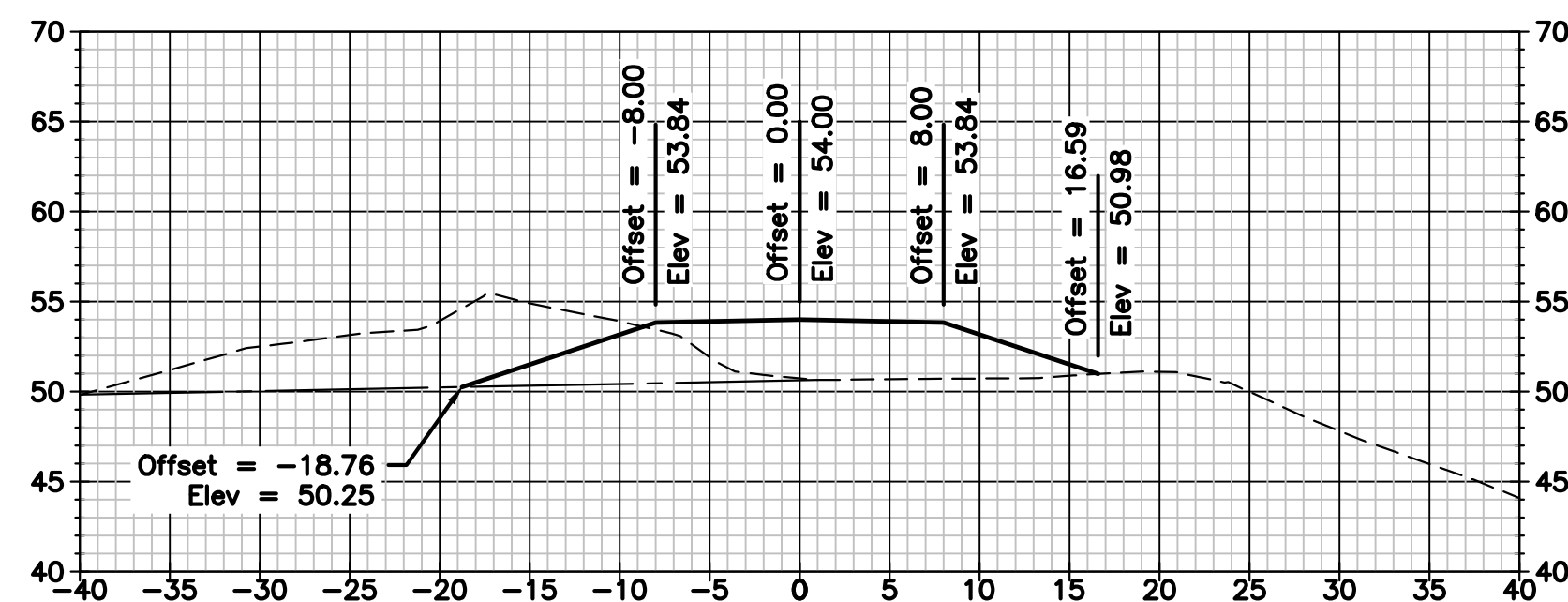
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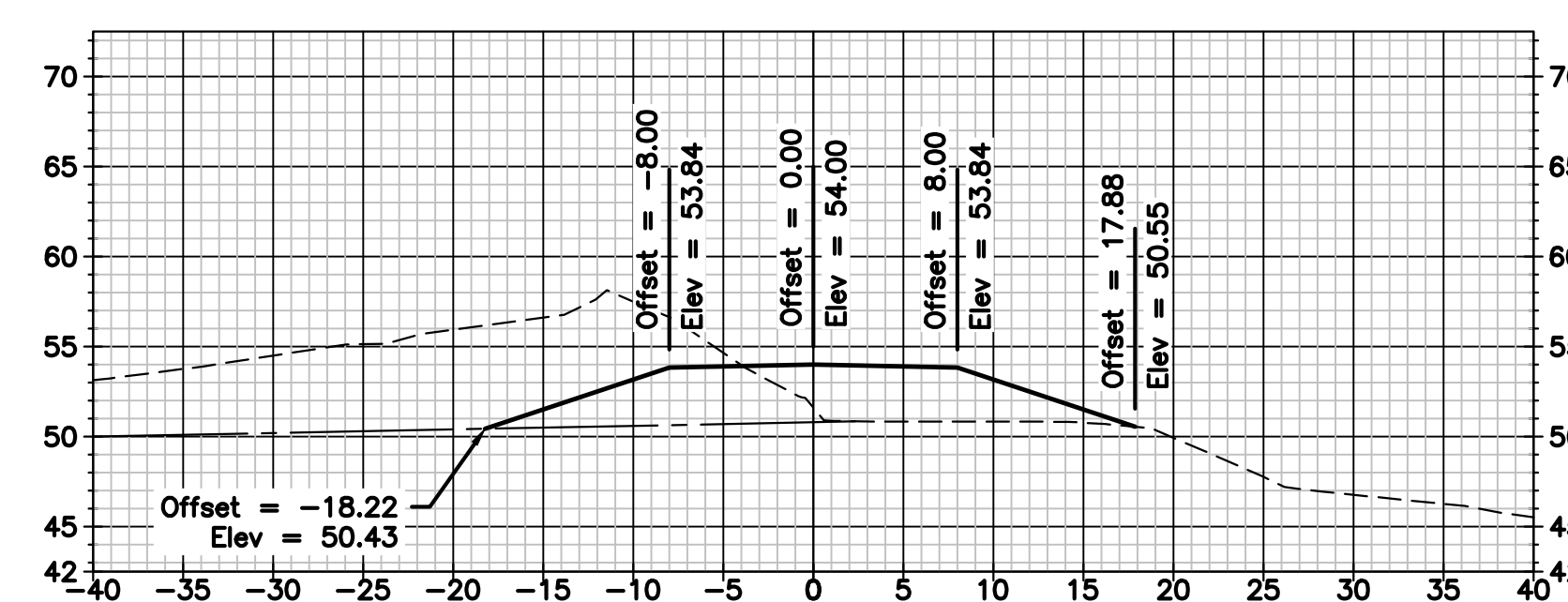
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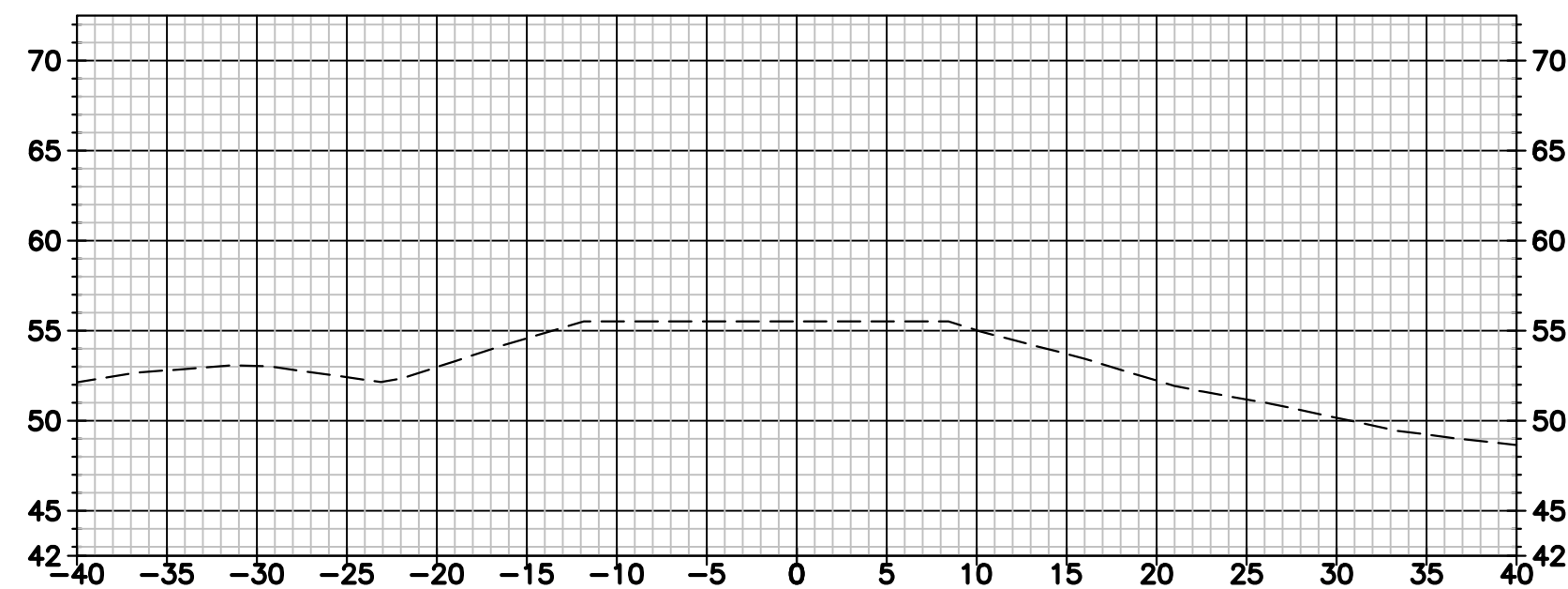
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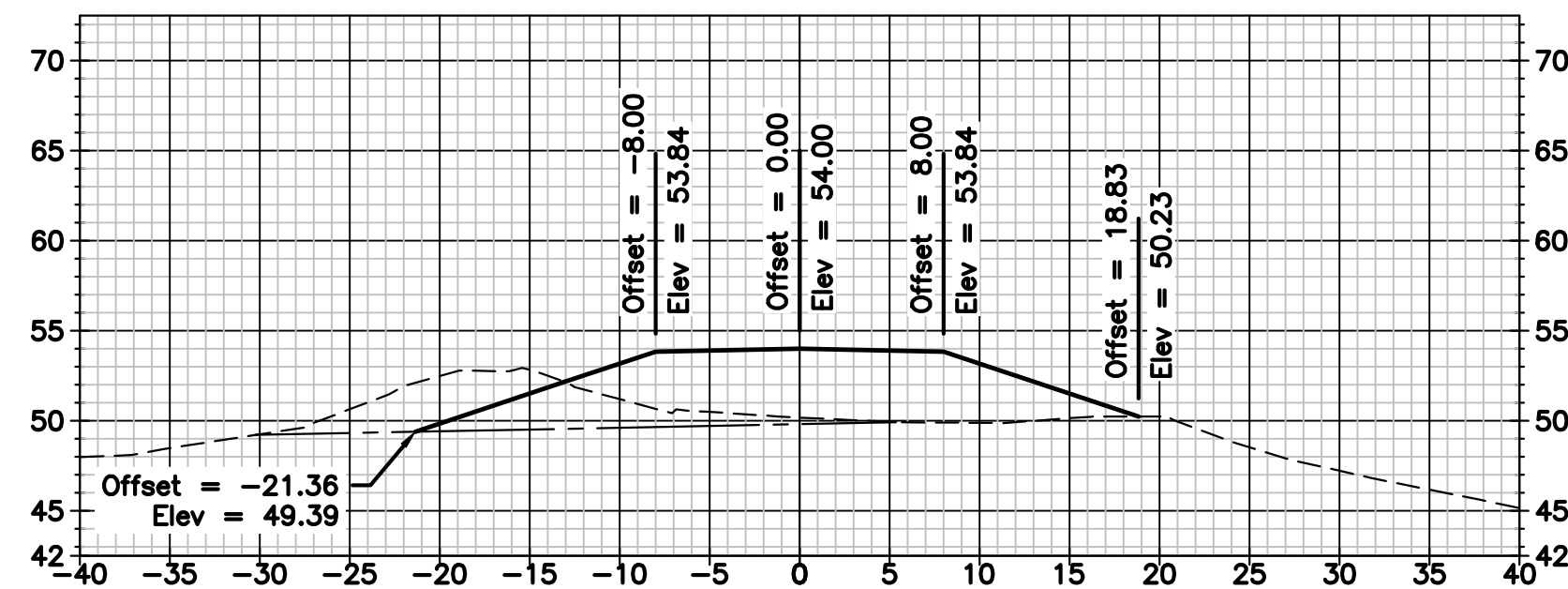
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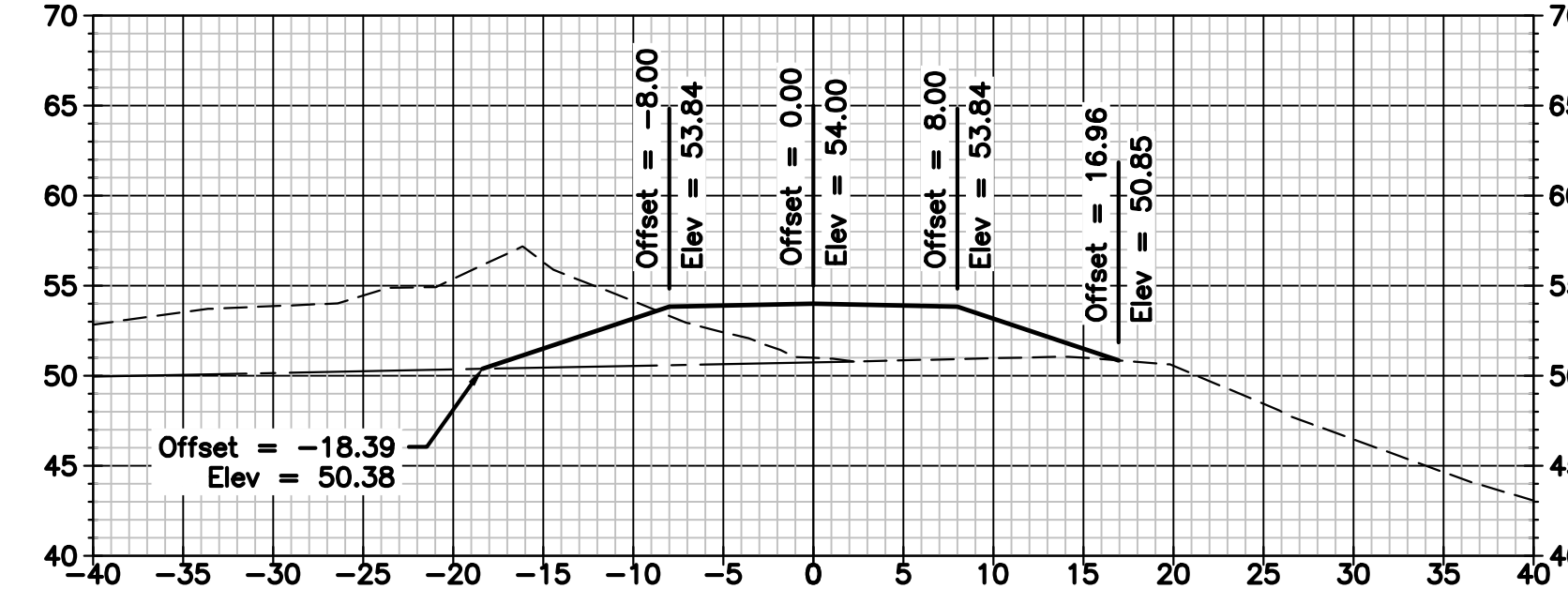
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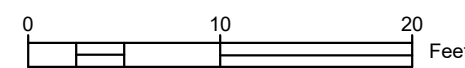
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LEGEND

- EXISTING GROUND
- - - ASSUMED EXISTING GROUND AT TIME OF CONSTRUCTION
- FINISHED GRADE

16' WIDE STA. 10+00 TO 14+00



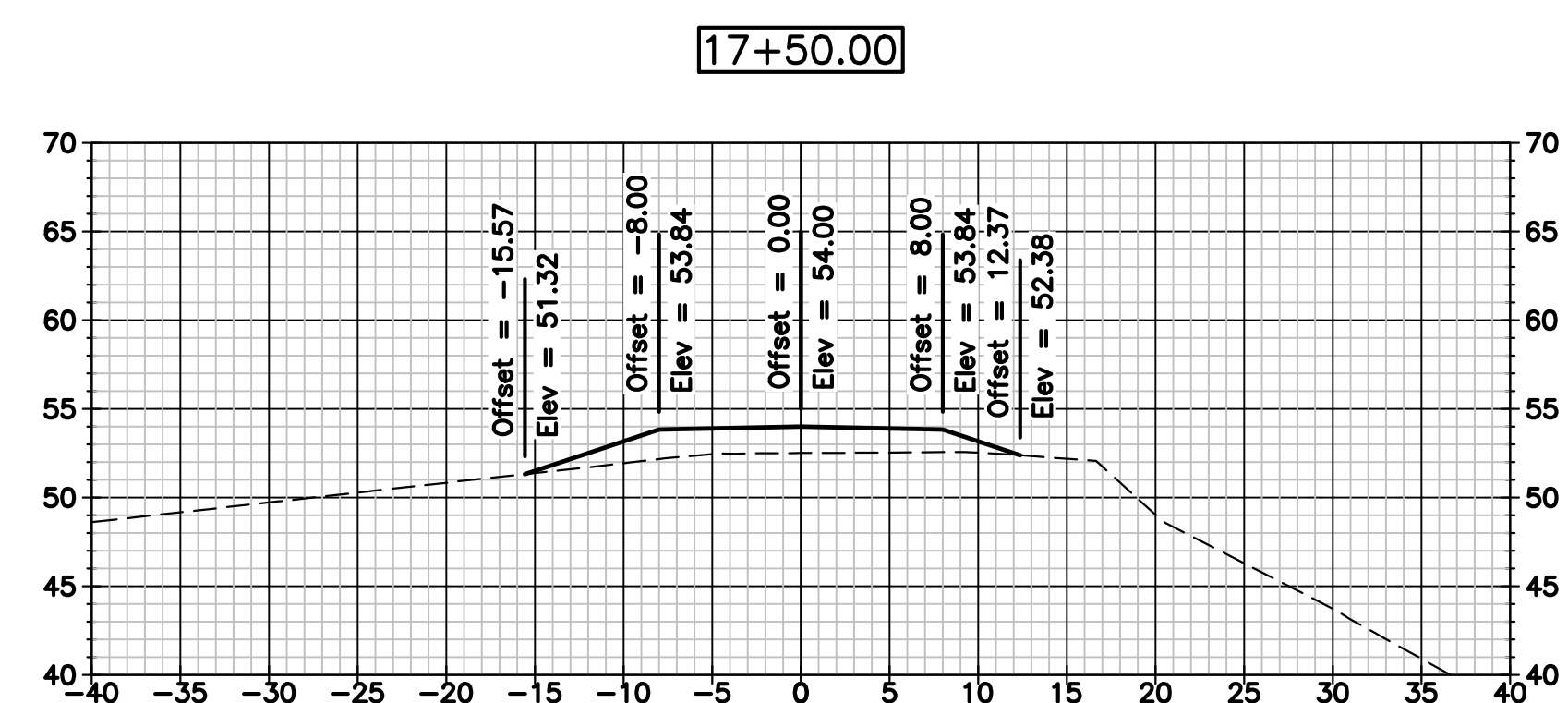
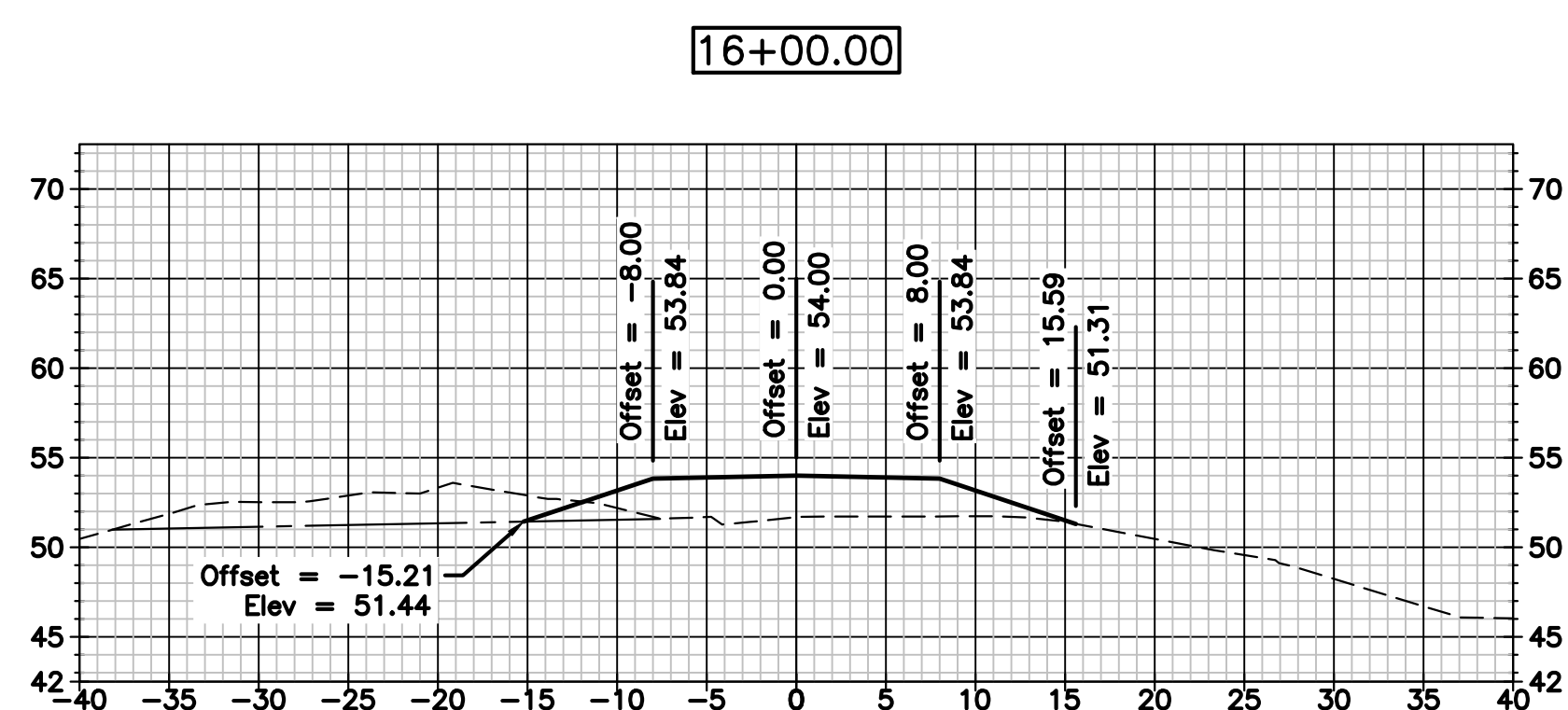
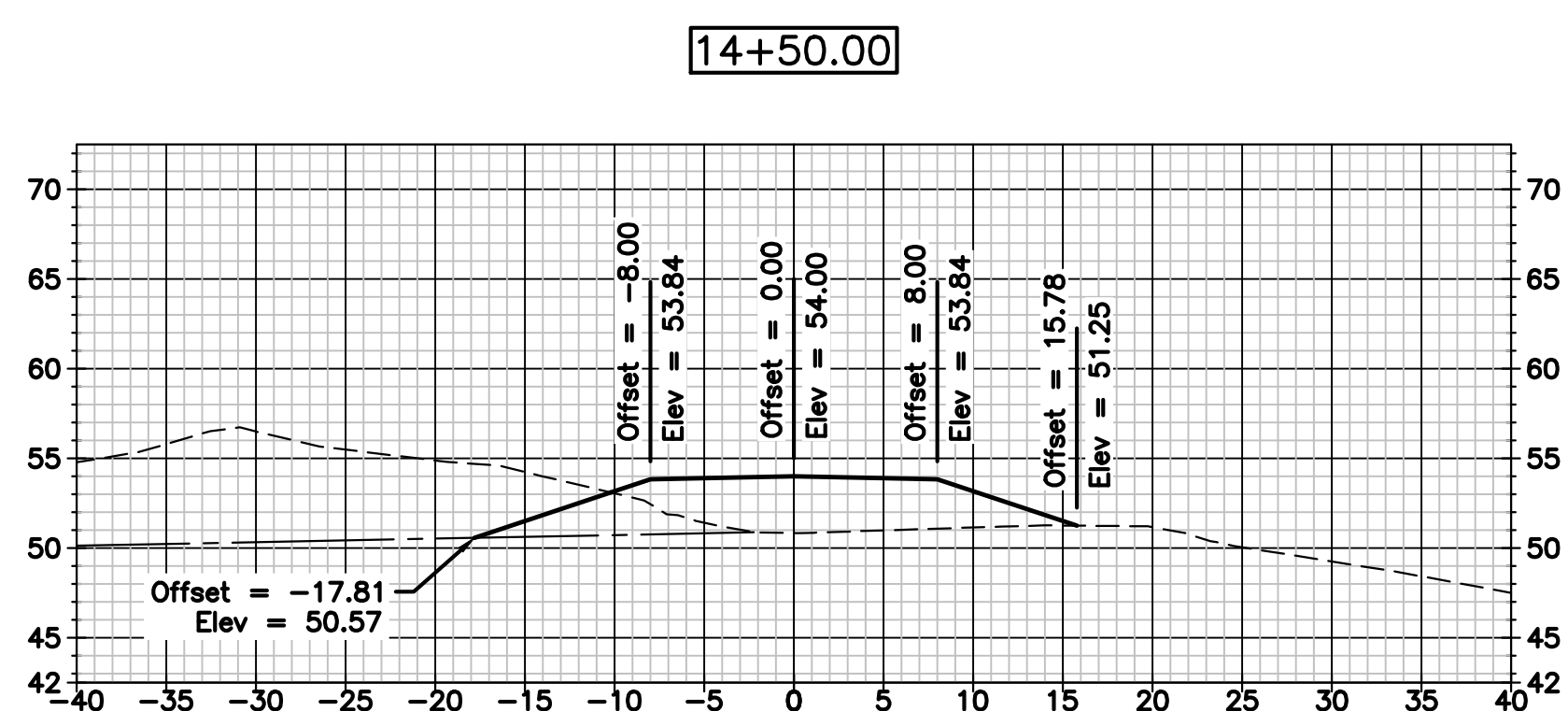
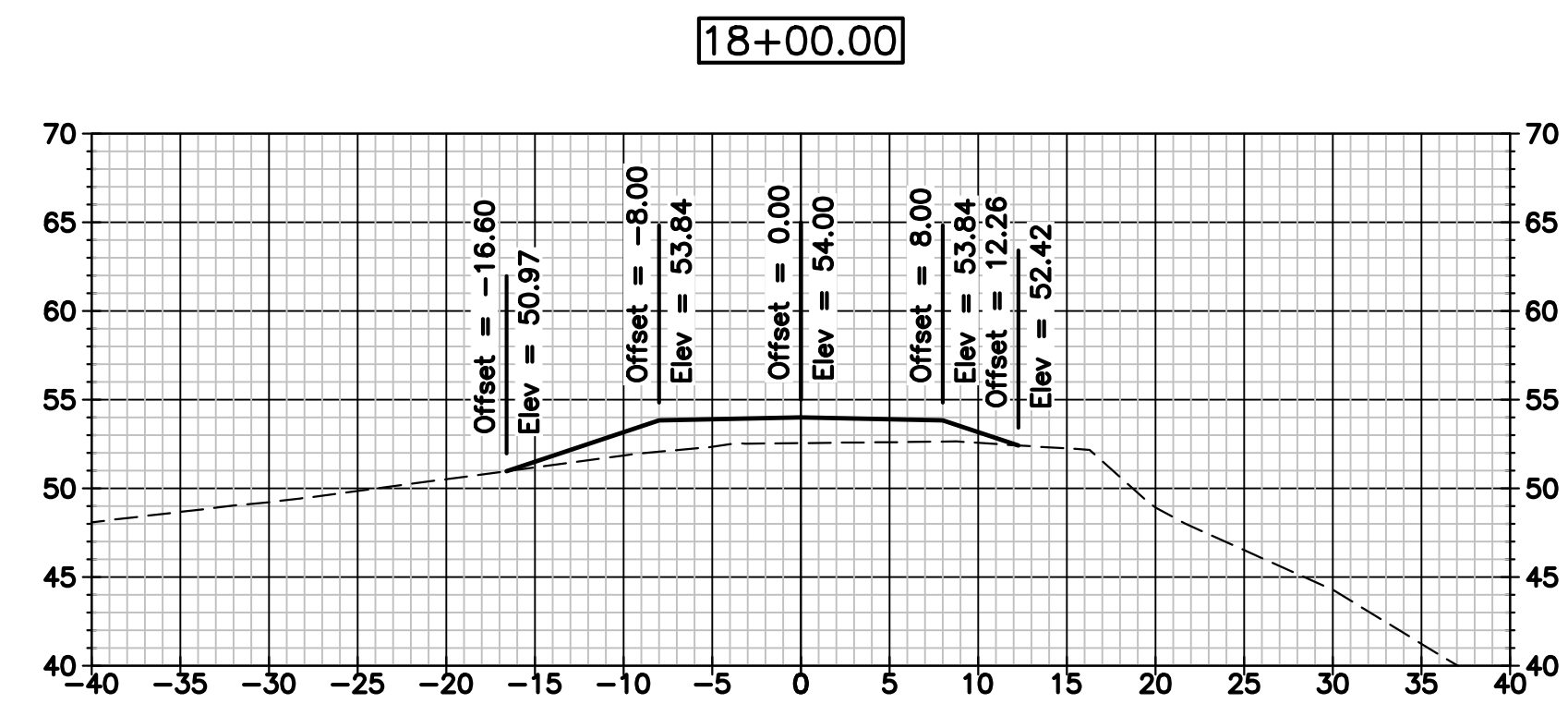
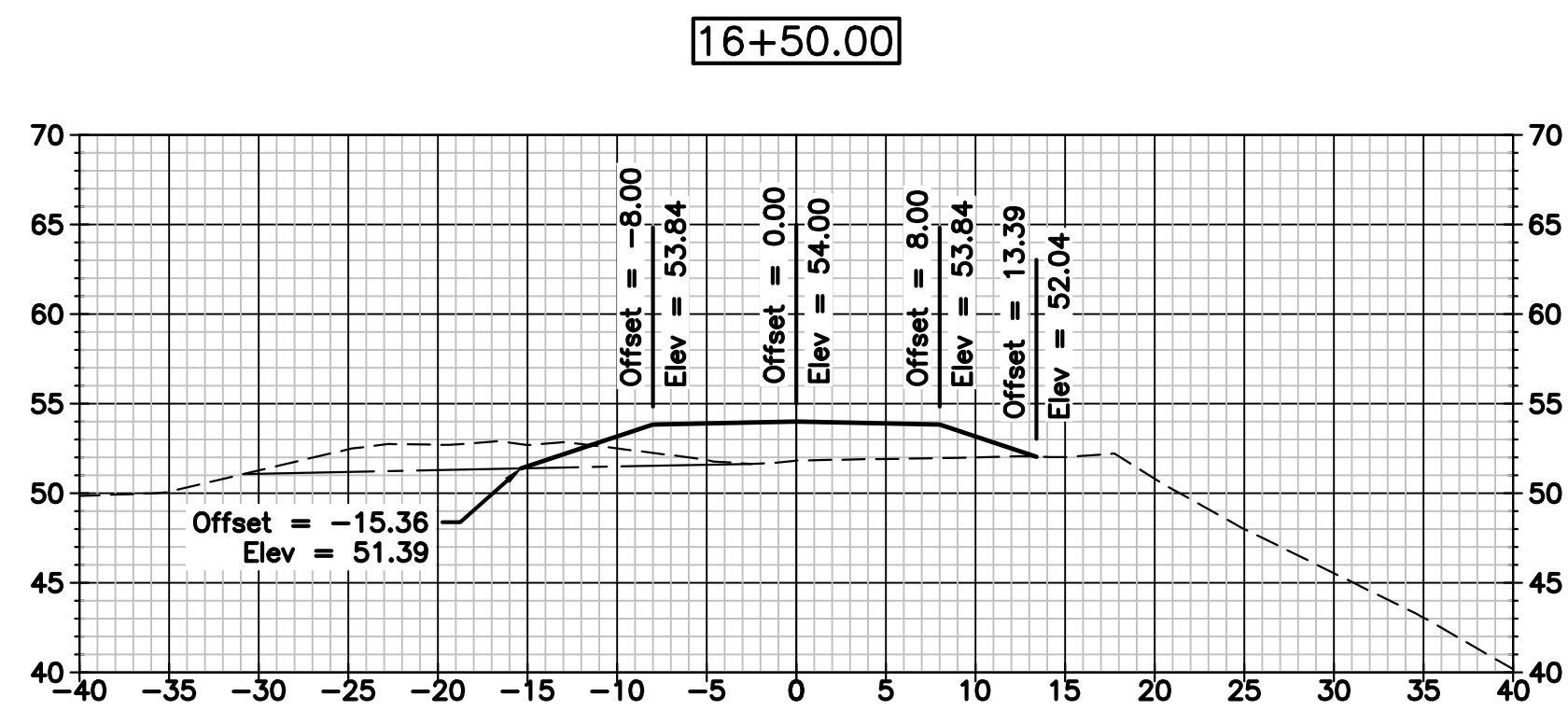
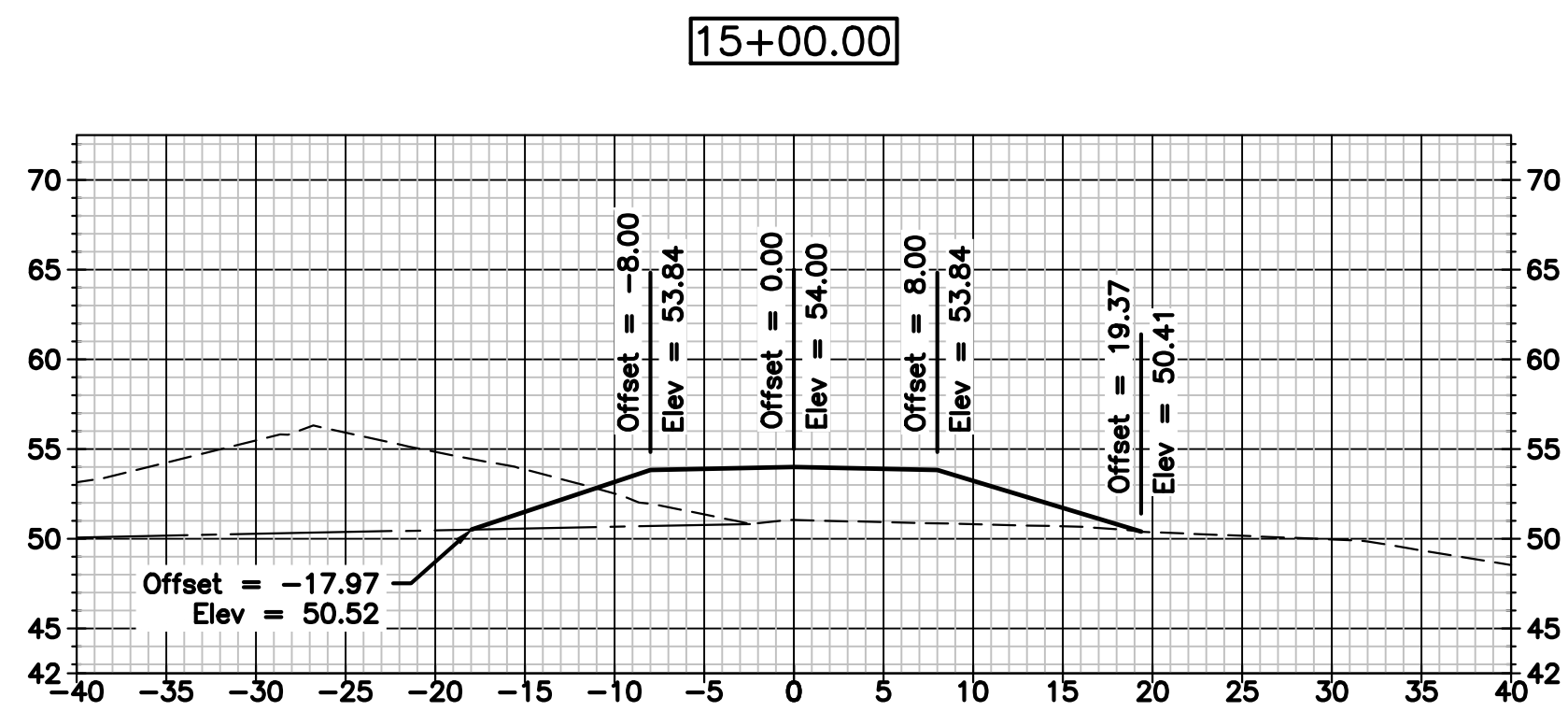
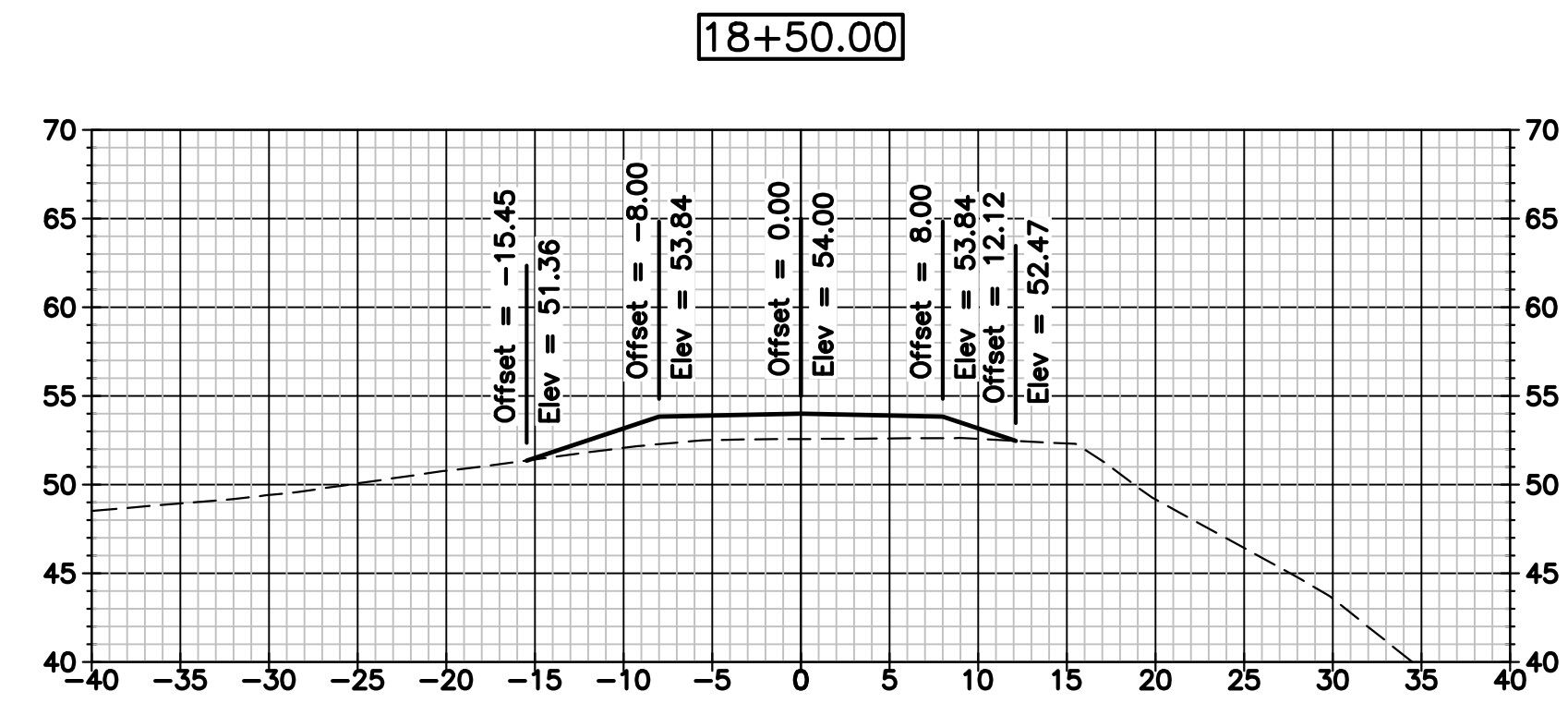
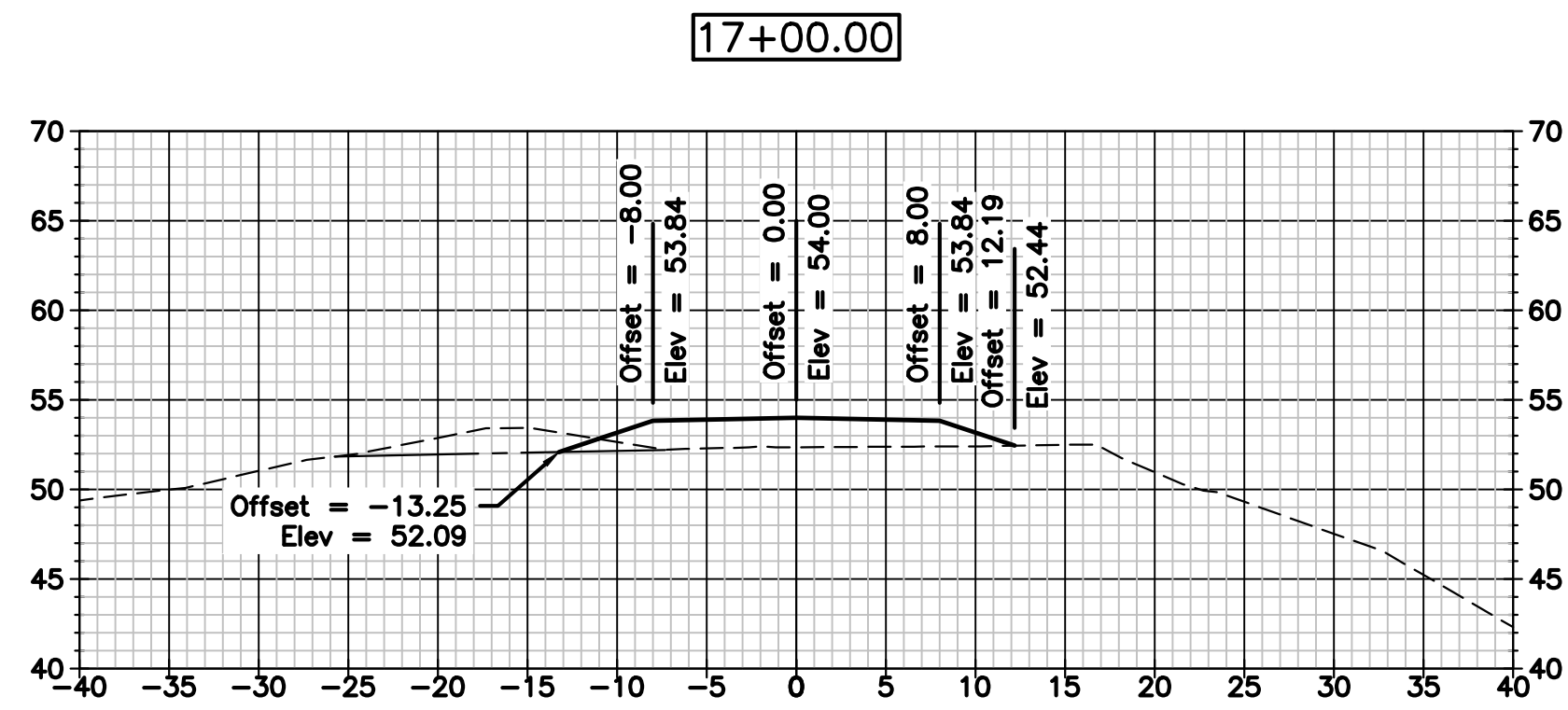
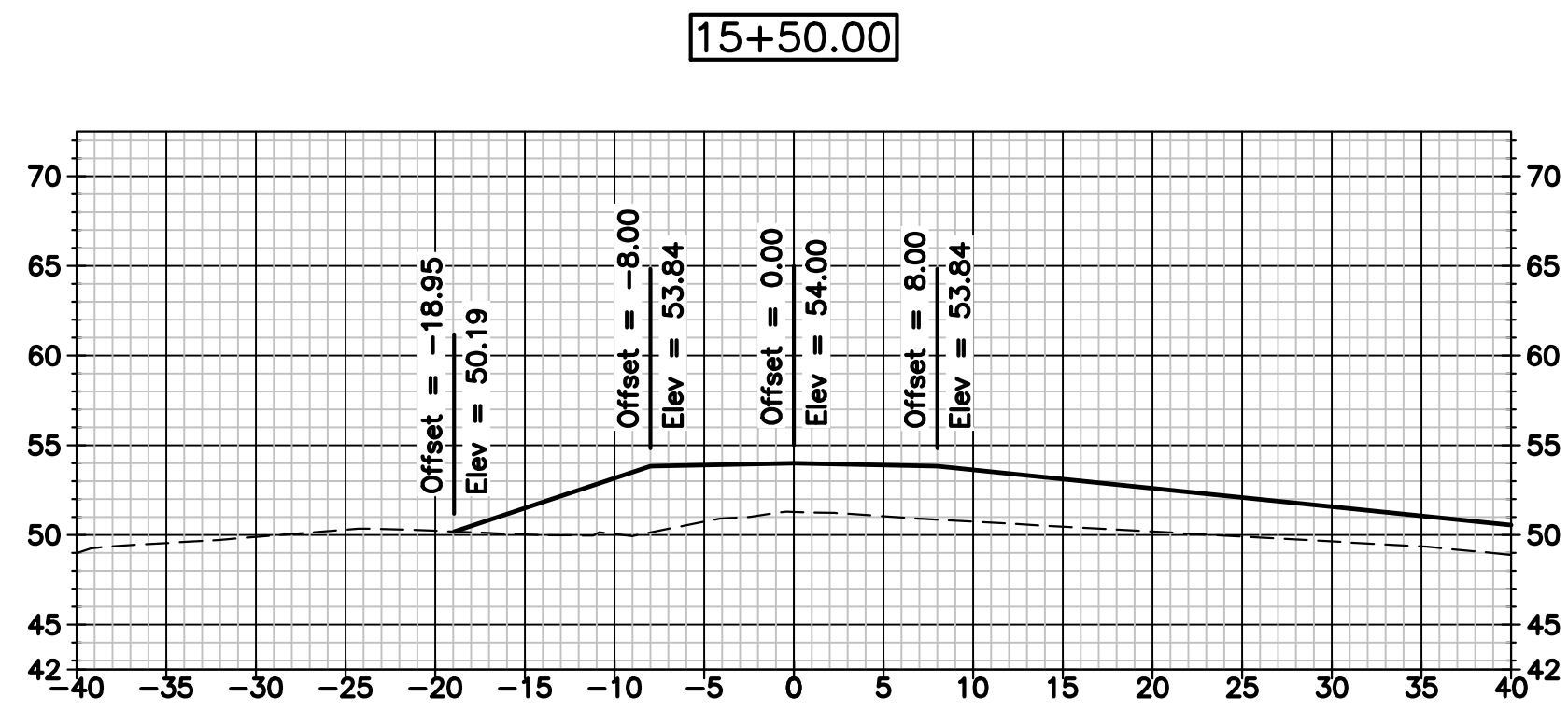
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Mark	Description	Date	Appr.

ALABAMA STATE PORT AUTHORITY
 MOBILE, ALABAMA
 PROJECT NO.: 11363, TASK 1
 2970 COTTAGE HILL ROAD, SUITE 190
 MOBILE, ALABAMA 36606
 (251)666-2443

thompson ENGINEERING

ASPA WEST MUD LAKE DIKE RAISING CROSS SECTIONS

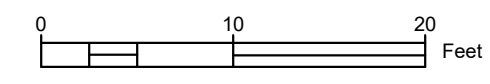
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04-24-24	N/A	SSC	23-1101-0215	C900	0
Ckd by:	Reviewed by:	Submitted by:	Scale:		
MW	MCR	MW			



LEGEND

- EXISTING GROUND
- ASSUMED EXISTING GROUND AT TIME OF CONSTRUCTION
- FINISHED GRADE

16' WIDE STA. 14+50 TO 18+50



0	ISSUE FOR BID	04-24-24	MW
Mark	Description	Date	Appr.

ALABAMA STATE PORT AUTHORITY
 MOBILE, ALABAMA
 PROJECT NO.: 11363, TASK 1
thompson ENGINEERING 2970 COTTAGE HILL ROAD, SUITE 190
 MOBILE, ALABAMA 36606
 (251)666-2443

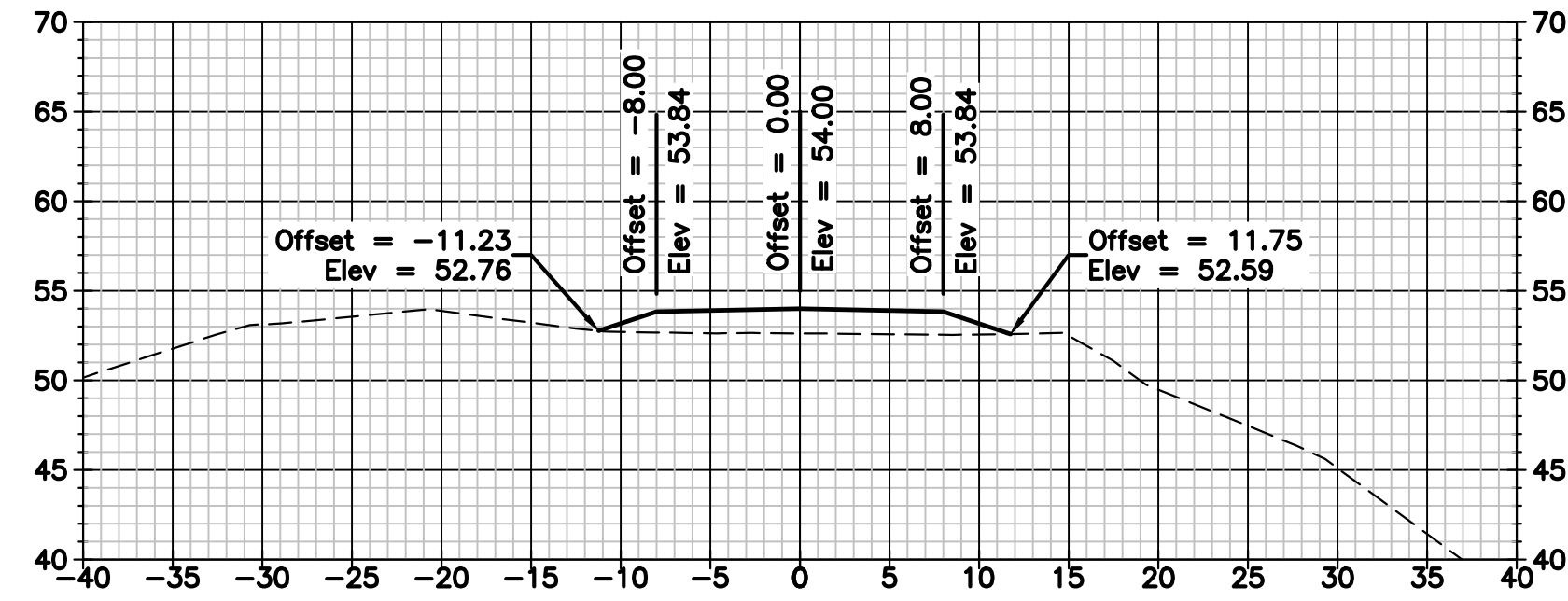
ASPA WEST MUD LAKE DIKE RAISING

CROSS SECTIONS

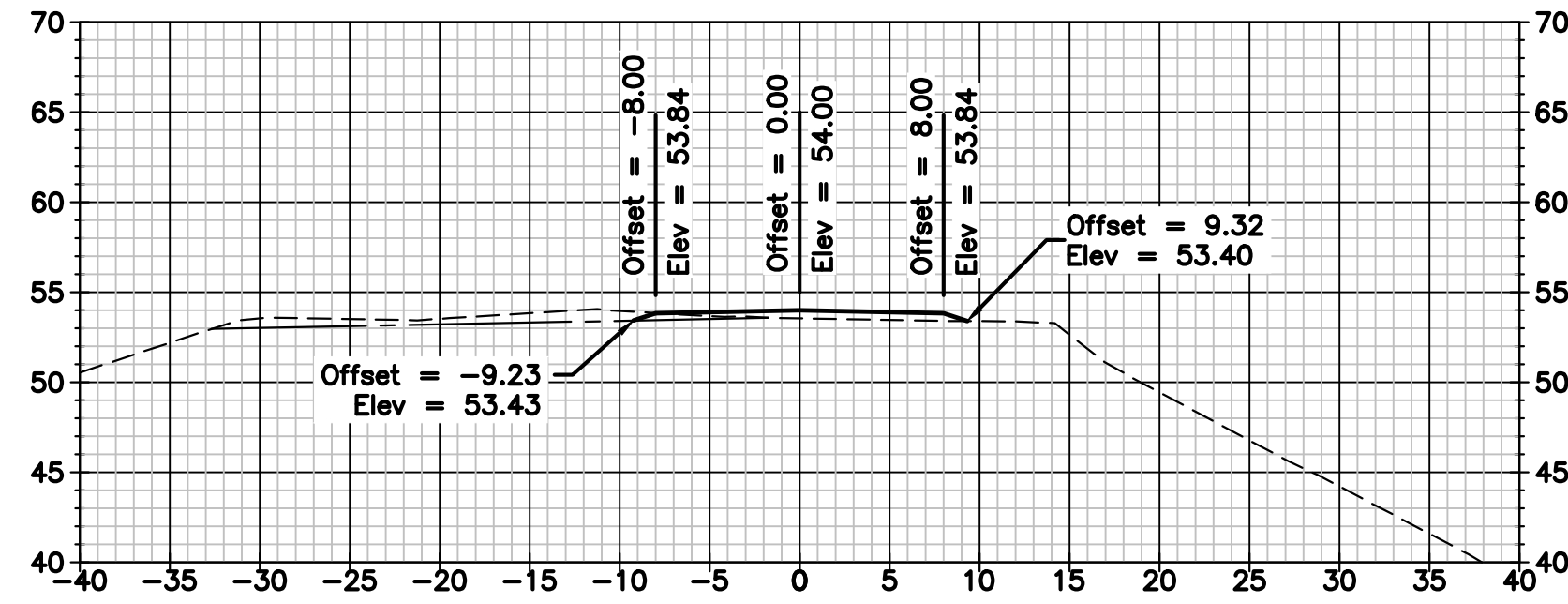


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Ckd by:	Reviewed by:	Submitted by:	Scale:		
MW	MCR	MW			

20+00.00



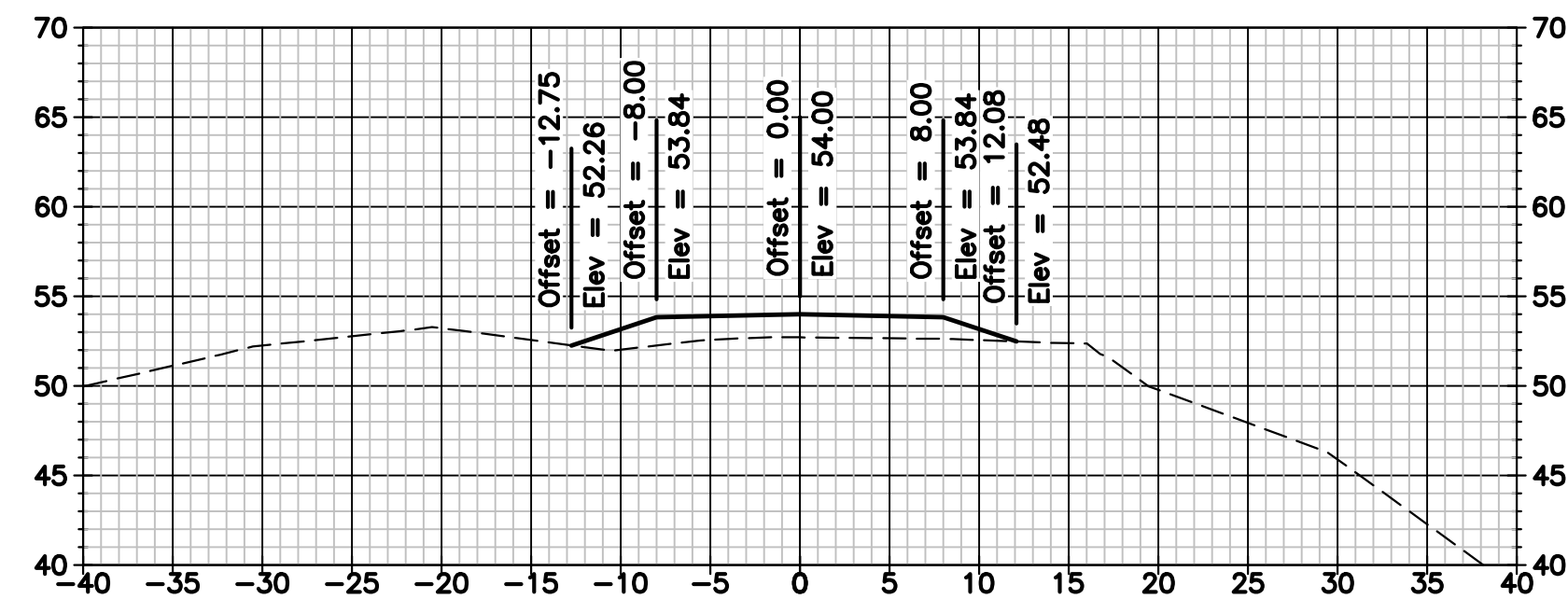
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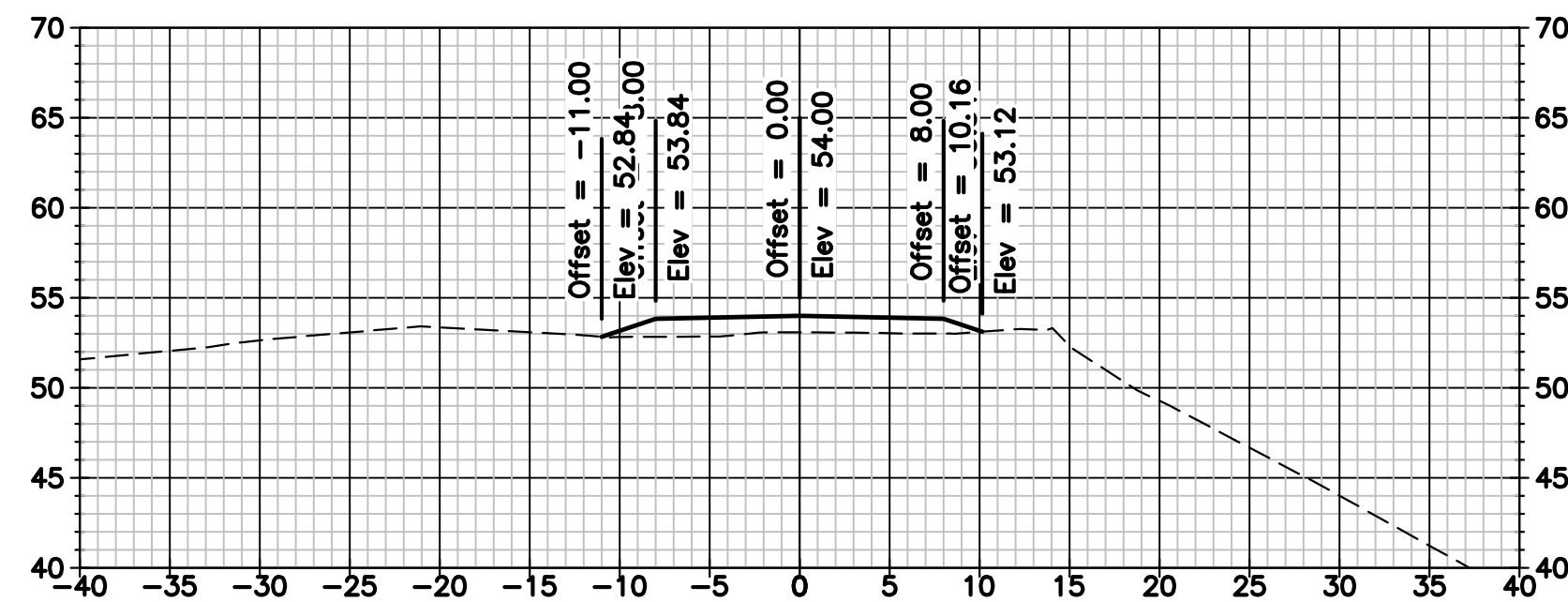
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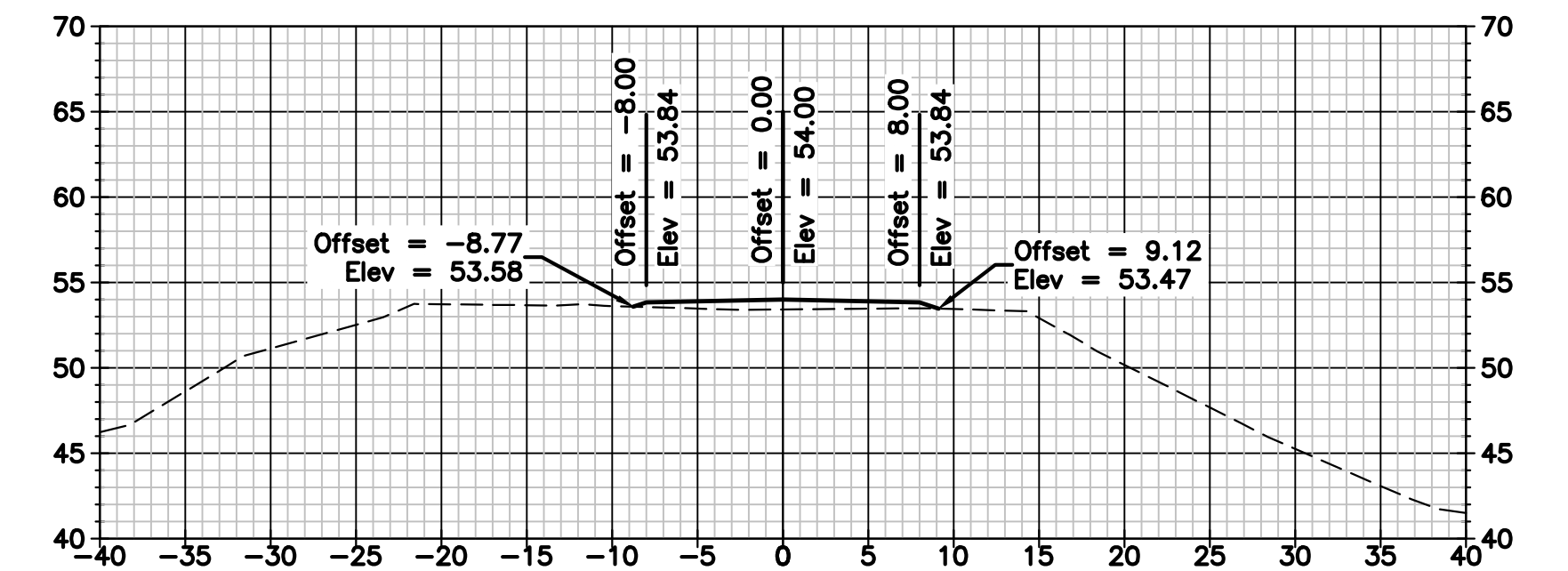
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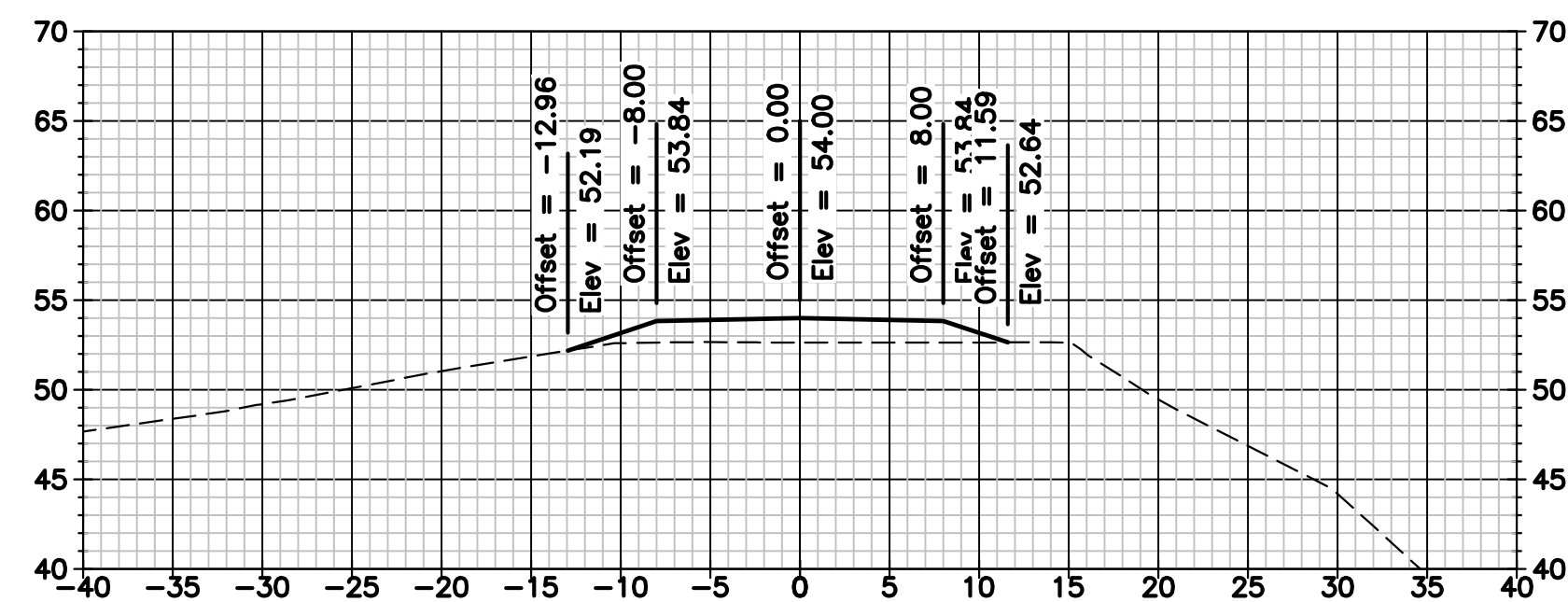
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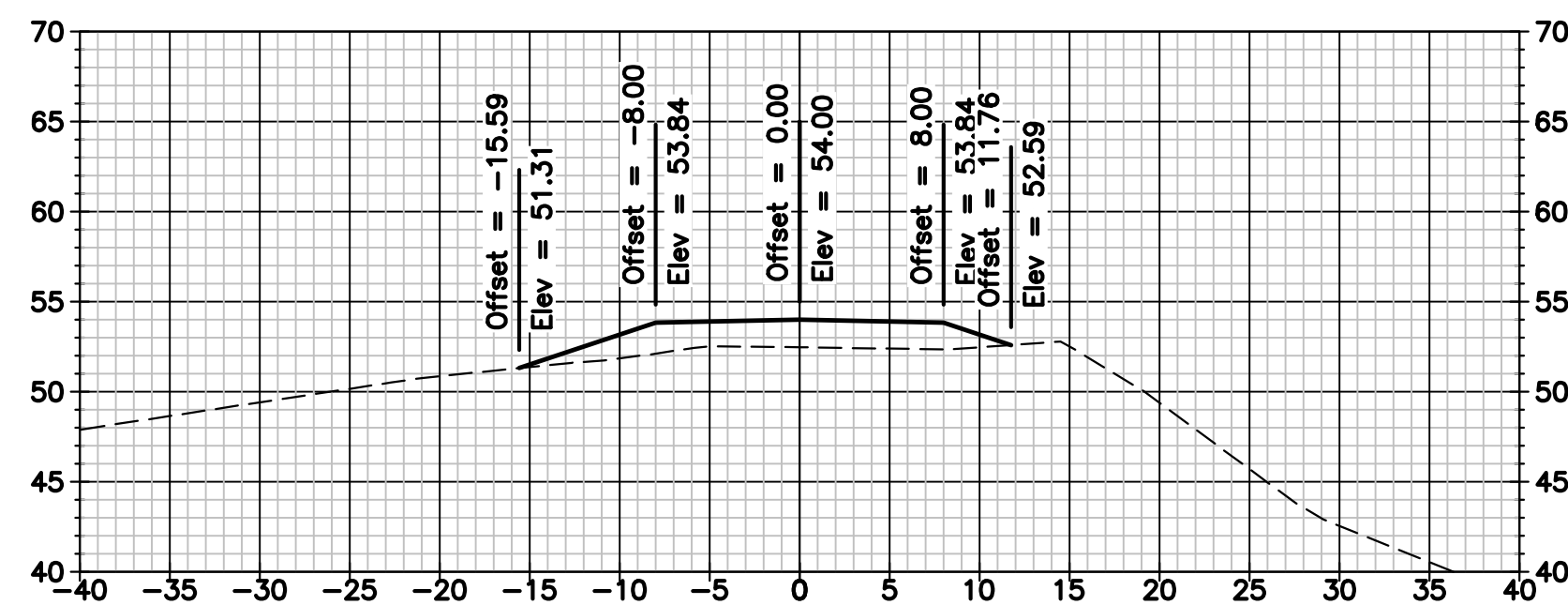
22+50.00



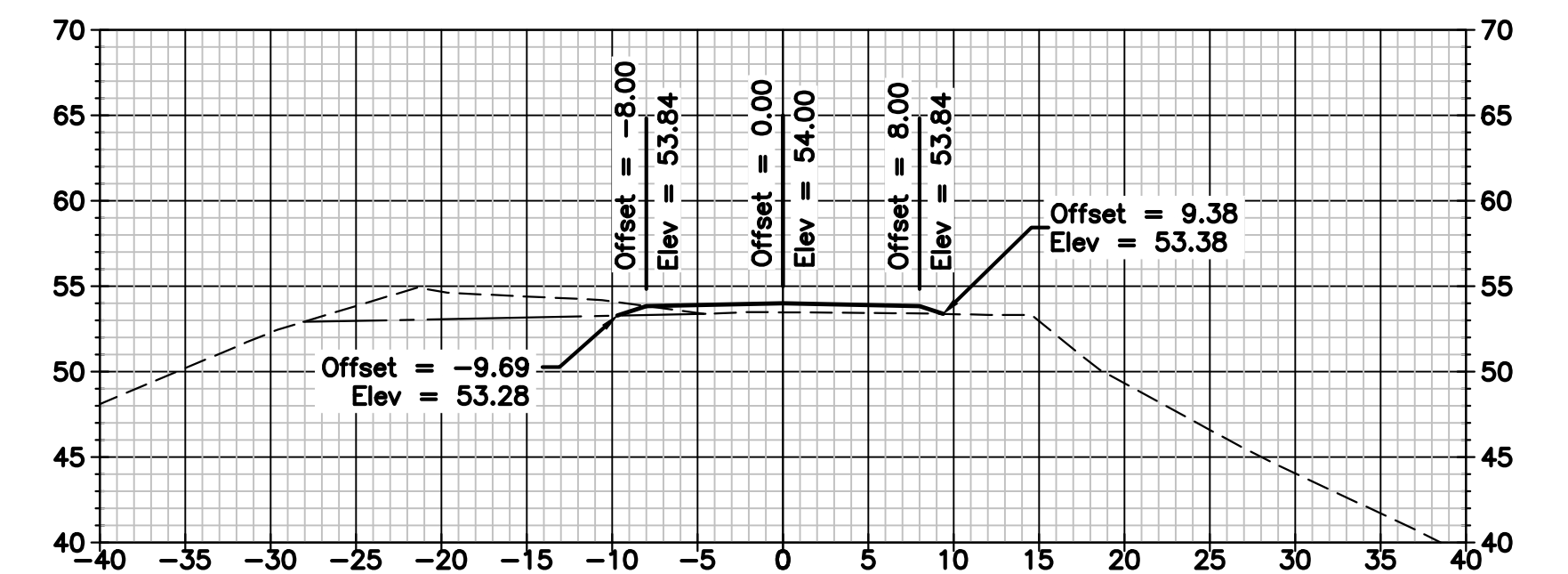
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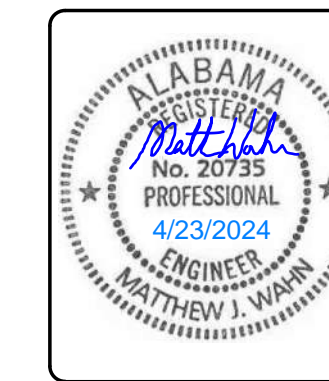
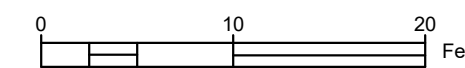
22+00.00



LEGEND

- EXISTING GROUND
- - - ASSUMED EXISTING GROUND AT TIME OF CONSTRUCTION
- FINISHED GRADE

16' WIDE STA. 19+00 TO 23+00



0	ISSUE FOR BID	04-24-24	MW
Mark	Description	Date	Appr.

ALABAMA STATE PORT AUTHORITY
MOBILE, ALABAMA
PROJECT NO.: 11363, TASK 1

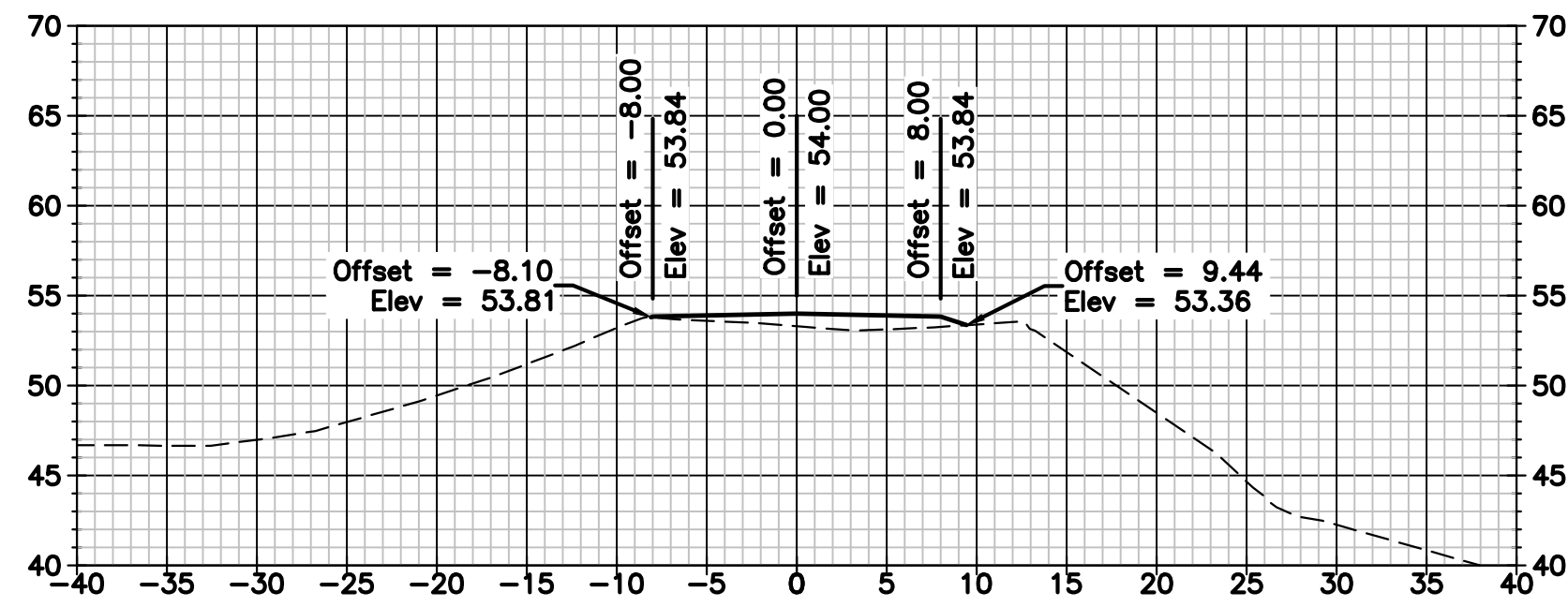
thompson ENGINEERING 2970 COTTAGE HILL ROAD, SUITE 190
MOBILE, ALABAMA 36606
(251)666-2443

ASPA WEST MUD LAKE DIKE RAISING

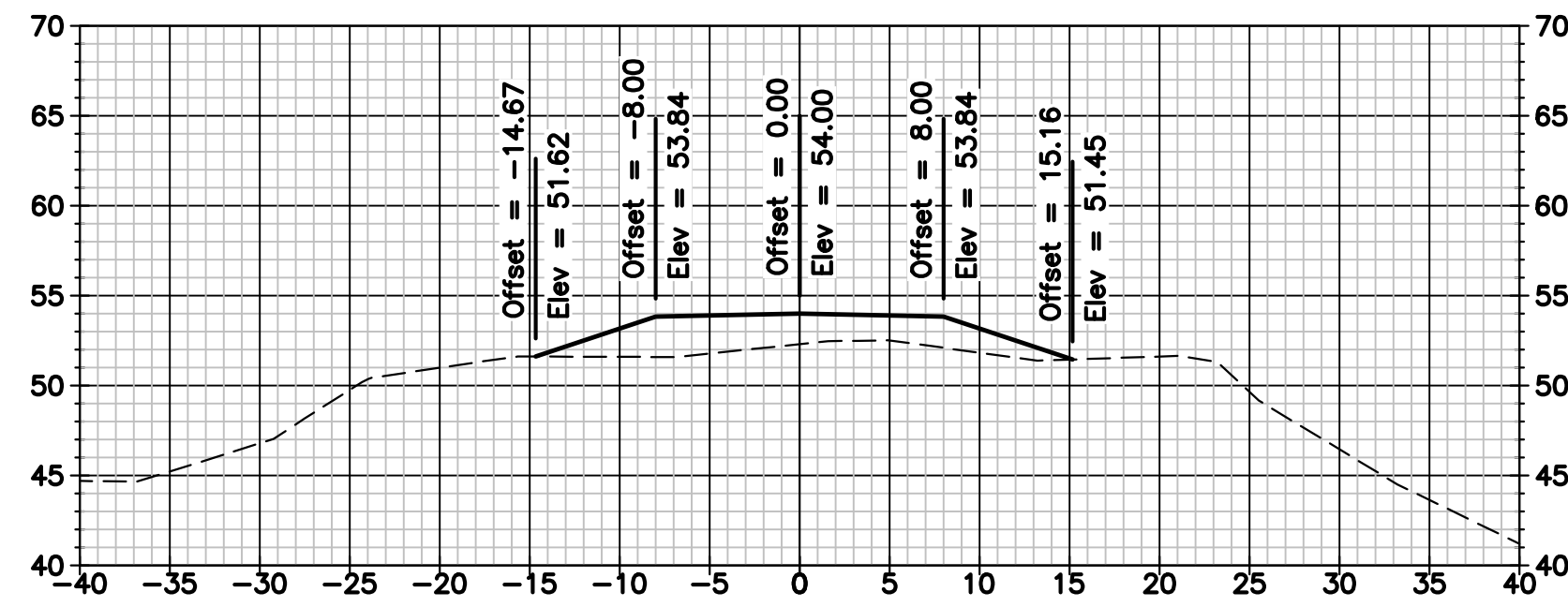
CROSS SECTIONS

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Ckd by:	Reviewed by:	Submitted by:	Scale:		
MW	MCR	MW			

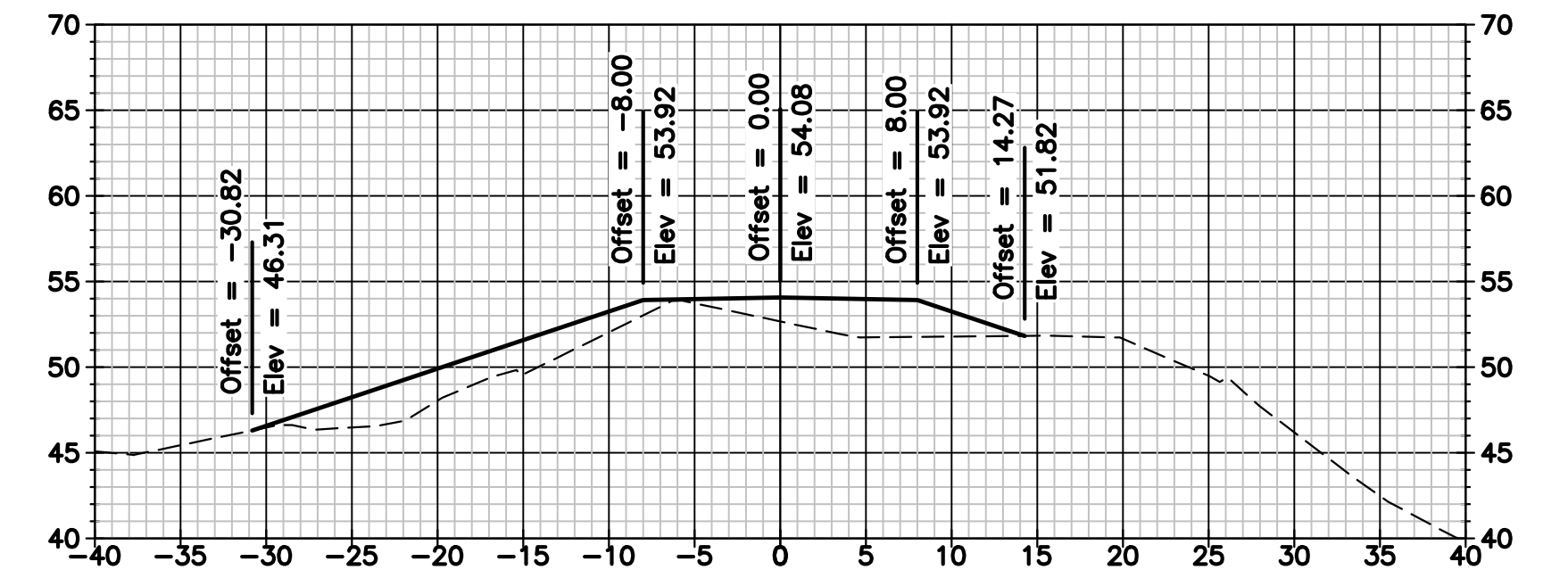
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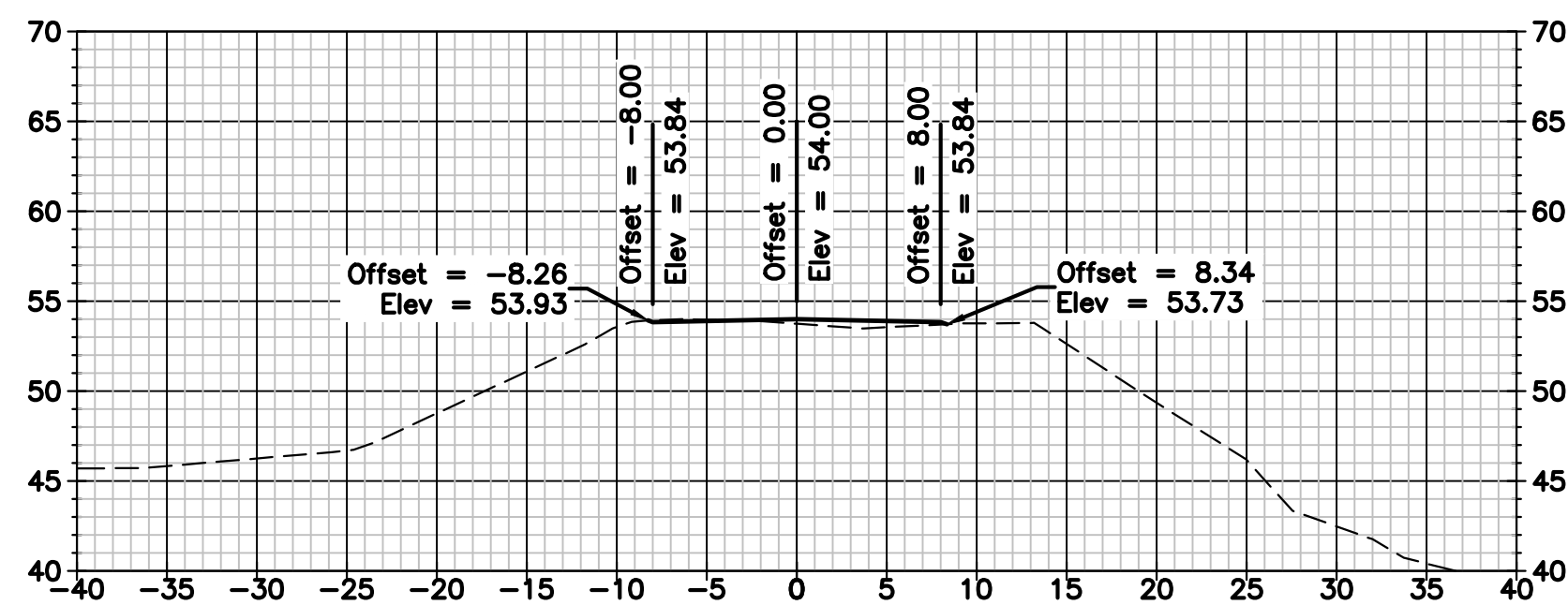
26+50.00



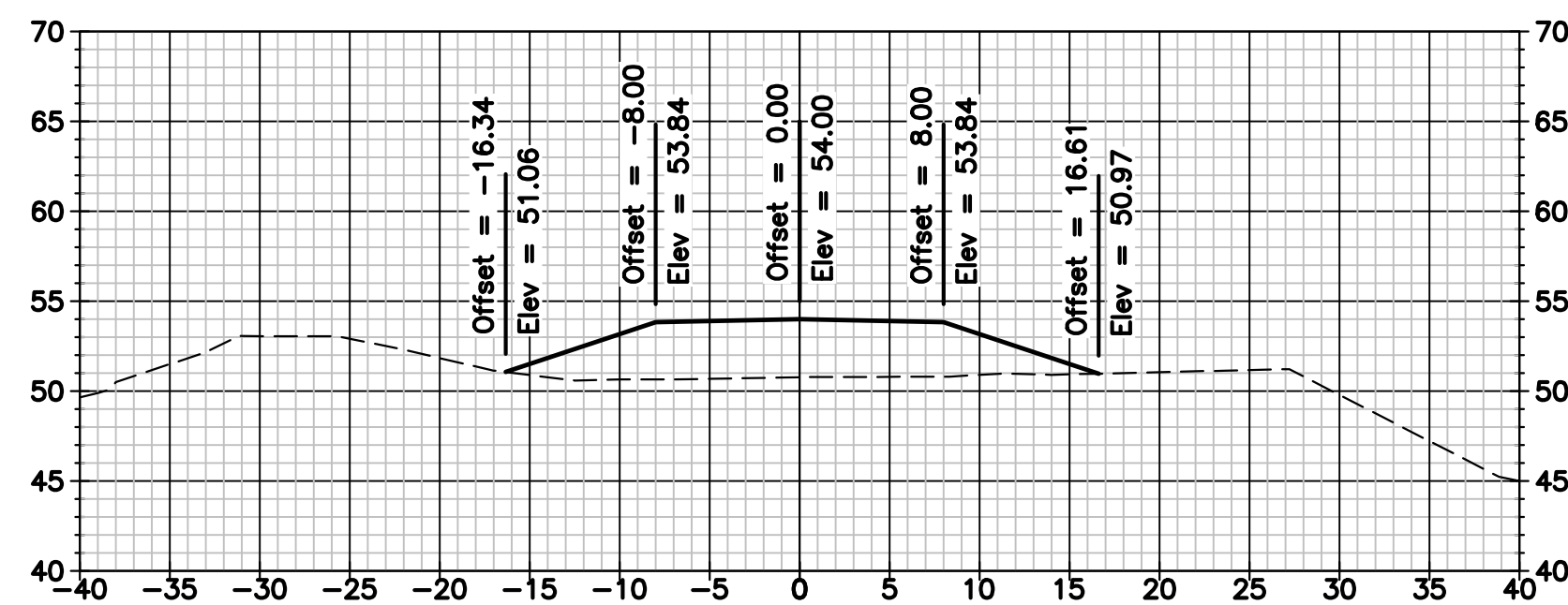
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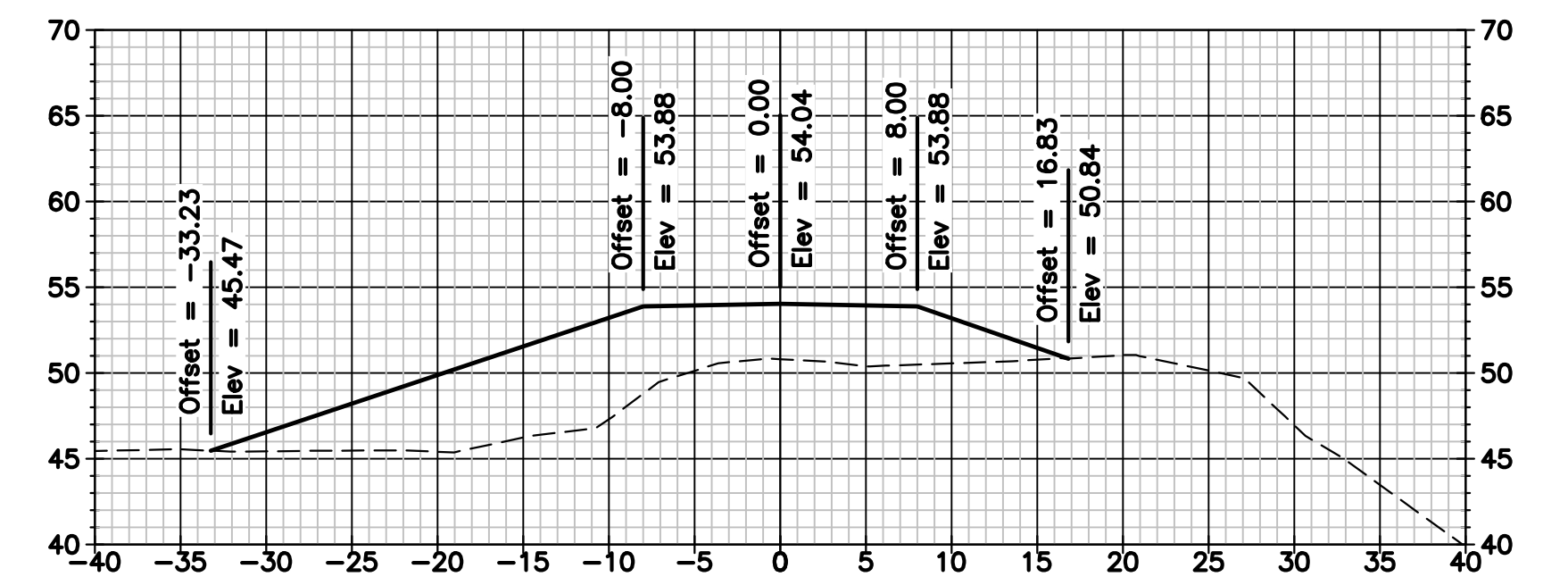
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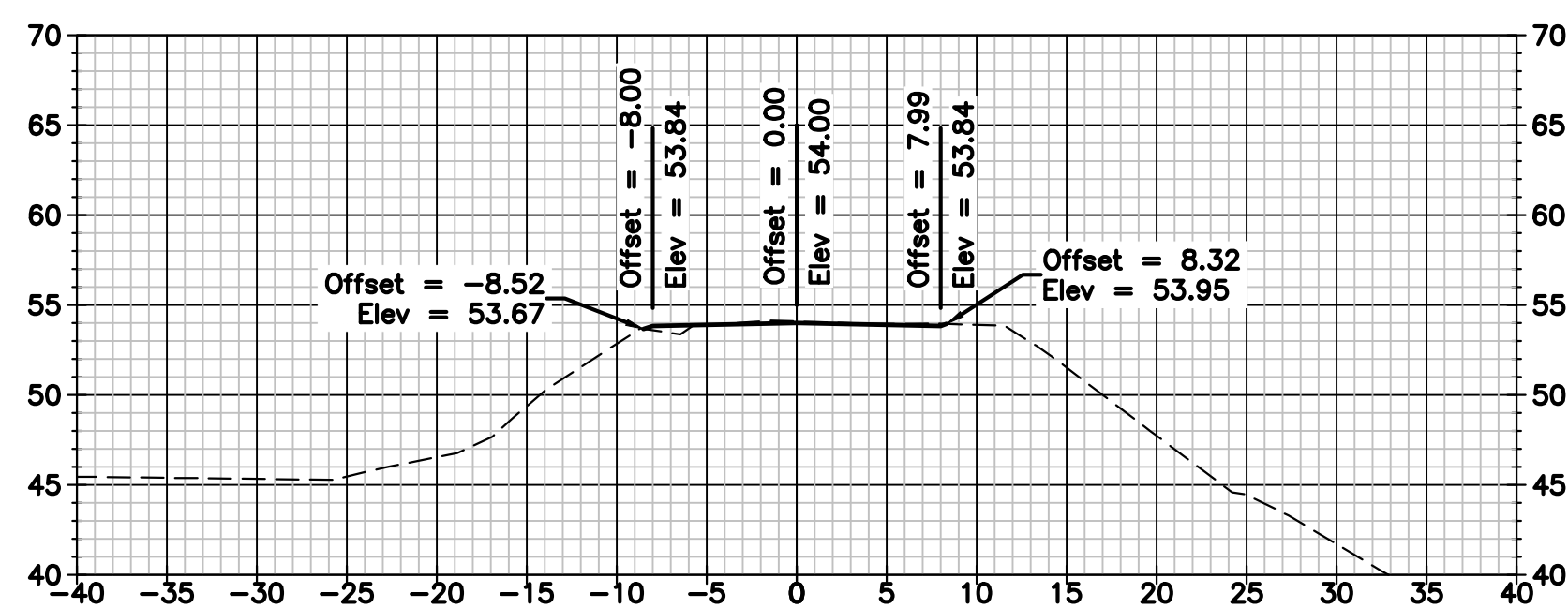
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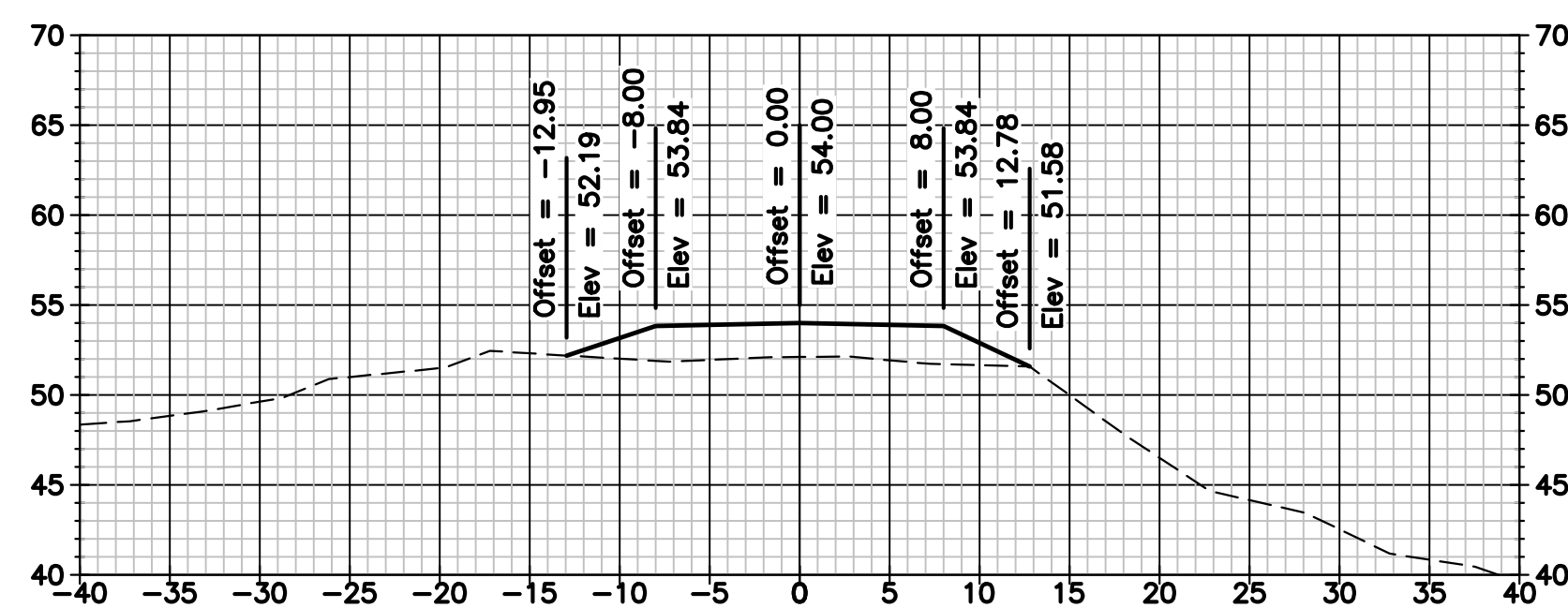
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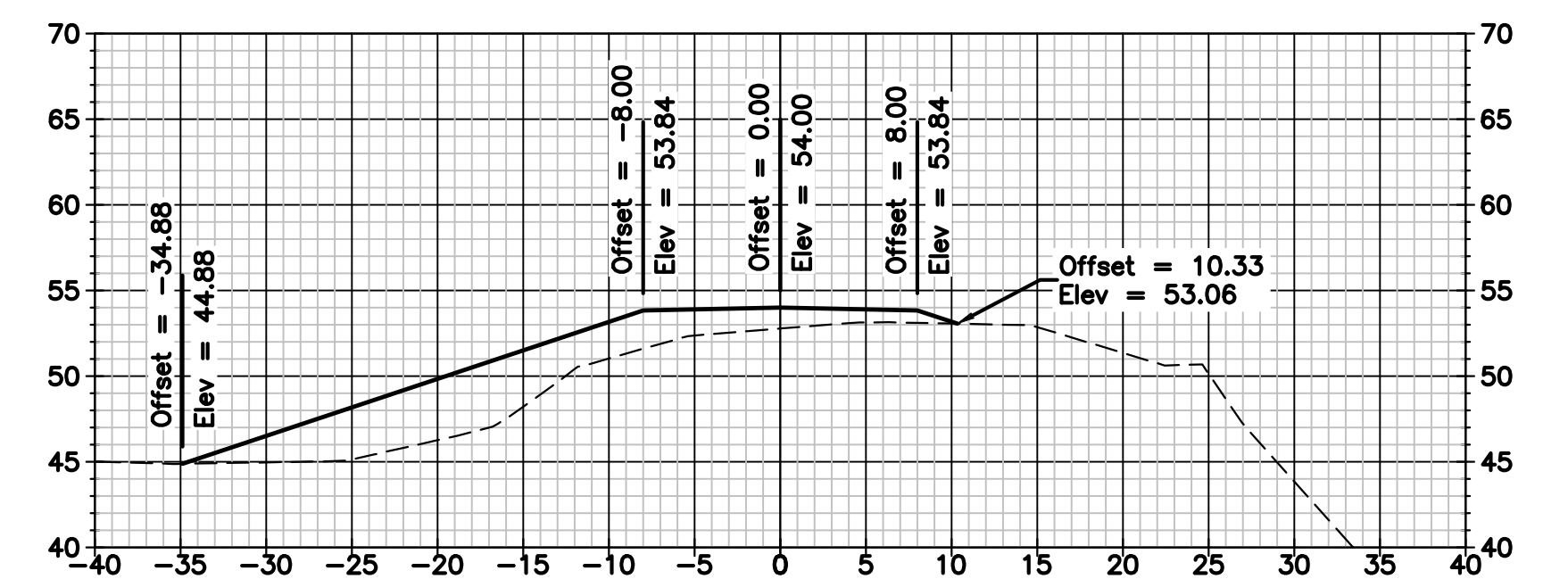
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25+50.00



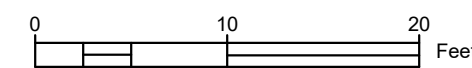
27+00.00



LEGEND

- EXISTING GROUND
- - - ASSUMED EXISTING GROUND AT TIME OF CONSTRUCTION
- FINISHED GRADE

16' WIDE STA. 24+00 TO 28+50

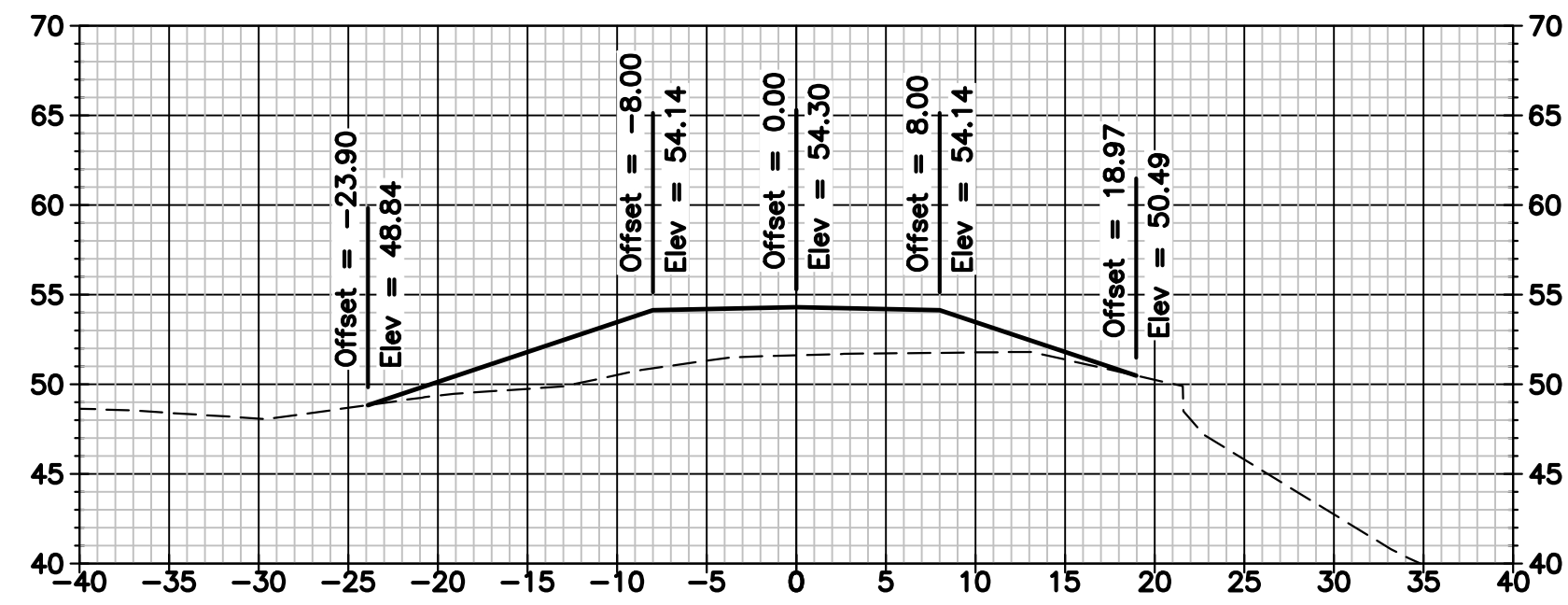


0	ISSUE FOR BID	04-24-24	MW
Mark	Description	Date	Appr.
ALABAMA STATE PORT AUTHORITY MOBILE, ALABAMA PROJECT NO.: 11363, TASK 1 2970 COTTAGE HILL ROAD, SUITE 190 MOBILE, ALABAMA 36606 (251)666-2443			
ASPA WEST MUD LAKE DIKE RAISING			
CROSS SECTIONS			
Date:	Designed by:	Drawn by:	TE Job No.:
04-24-24	N/A	SSC	23-1101-0215
Ckd by:	Reviewed by:	Submitted by:	Scale:
MW	MCR	MW	
Sheet No. C903			Rev. 0

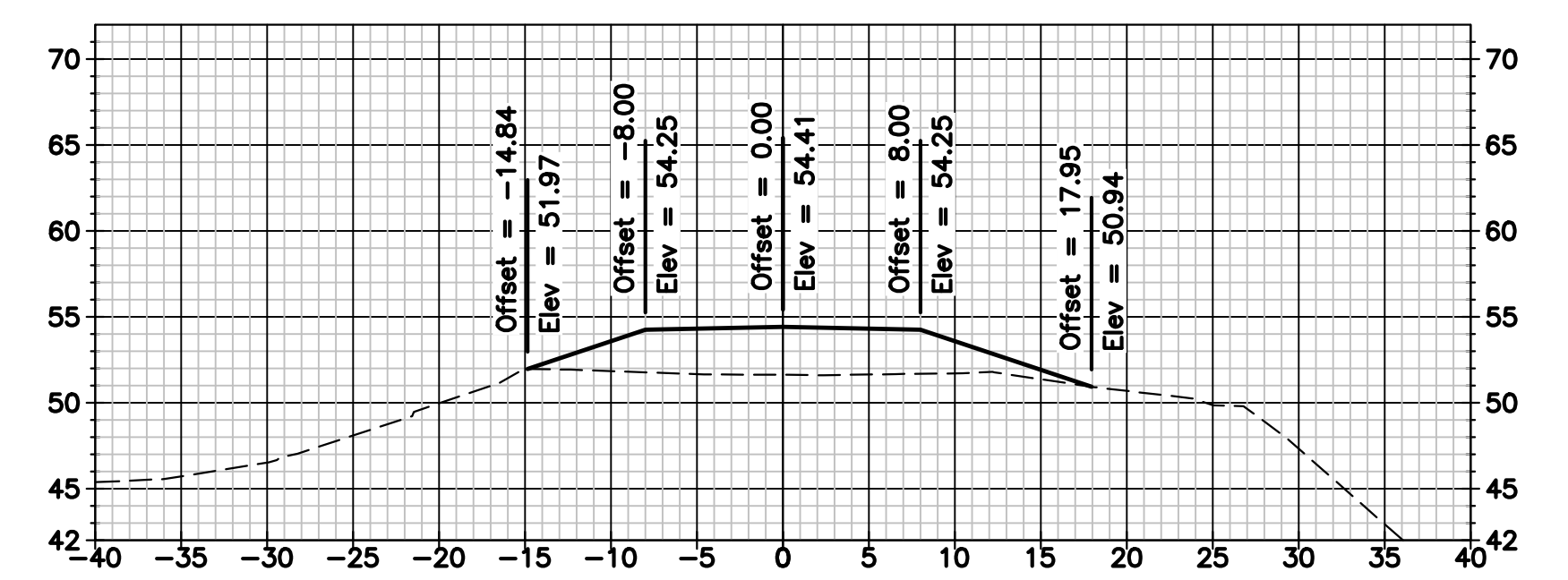
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31+50.00



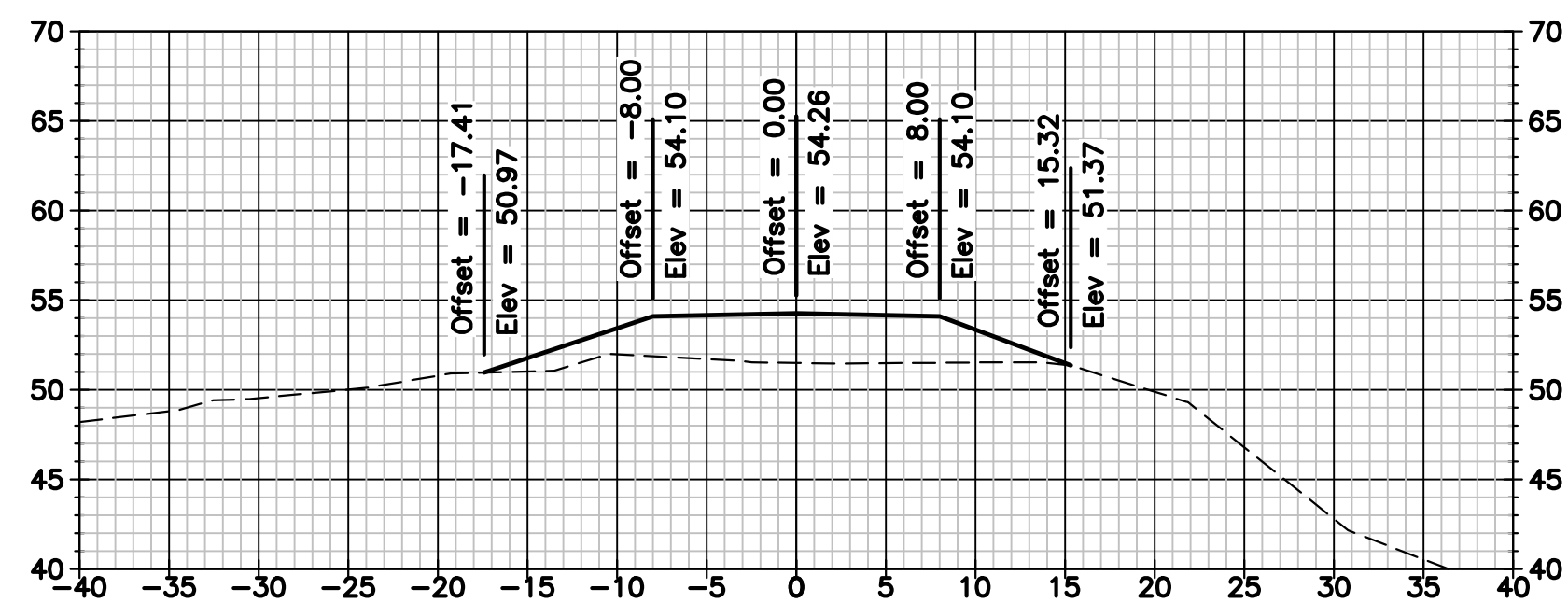
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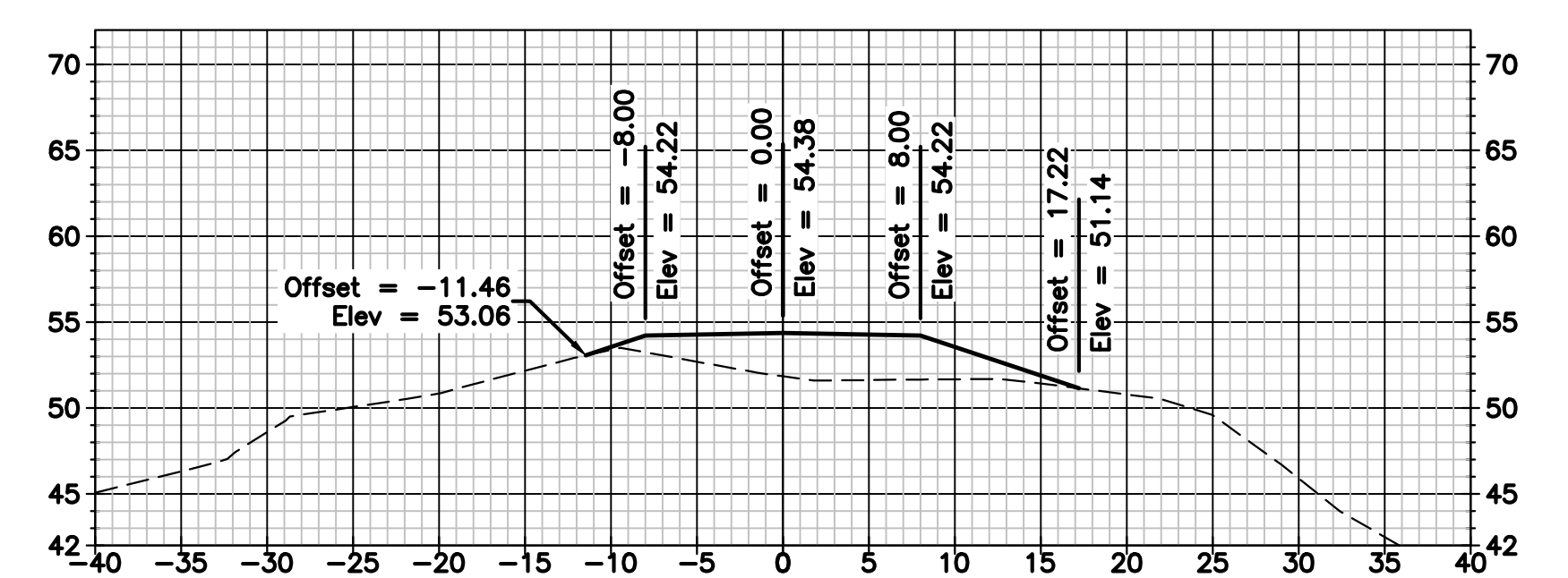
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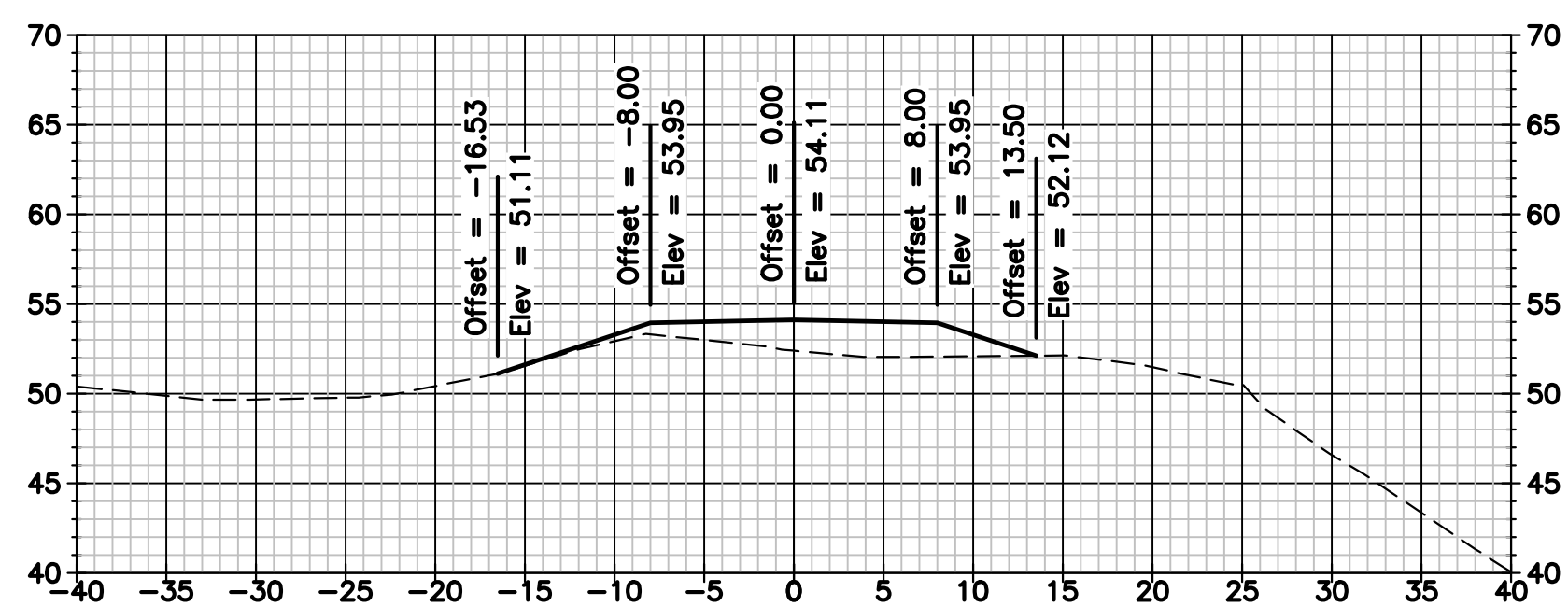
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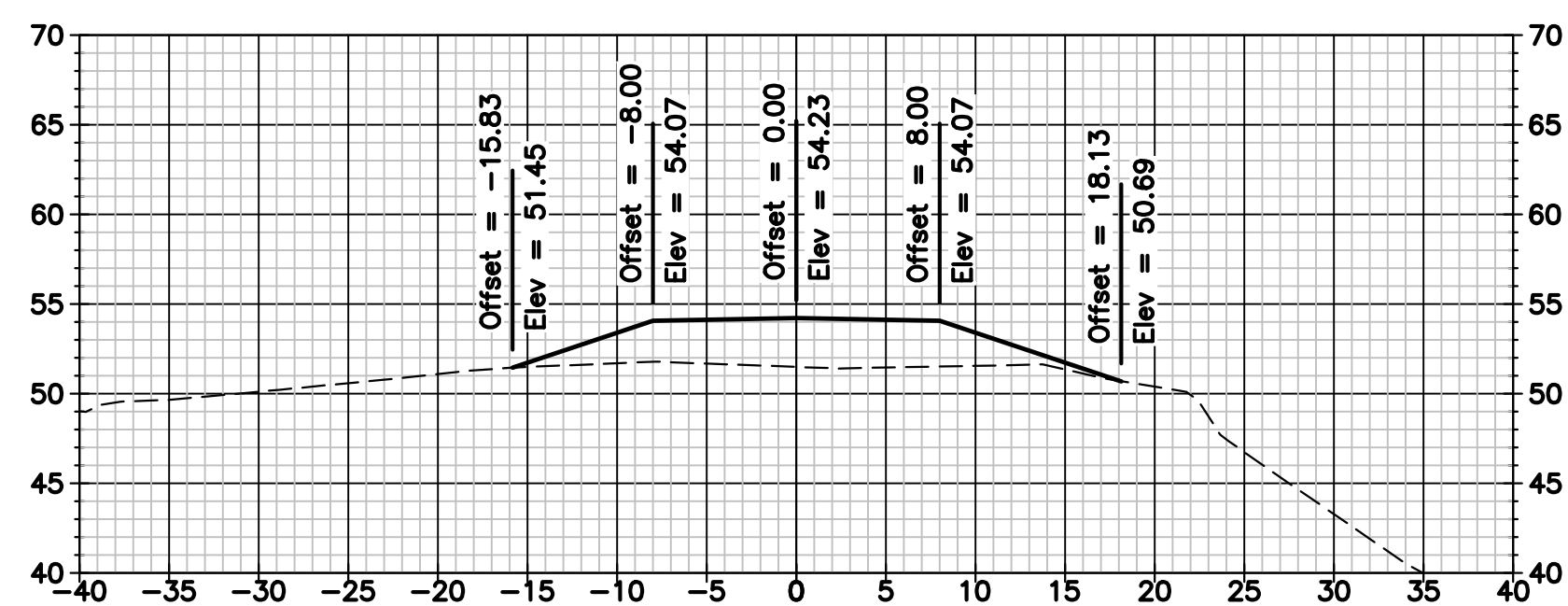
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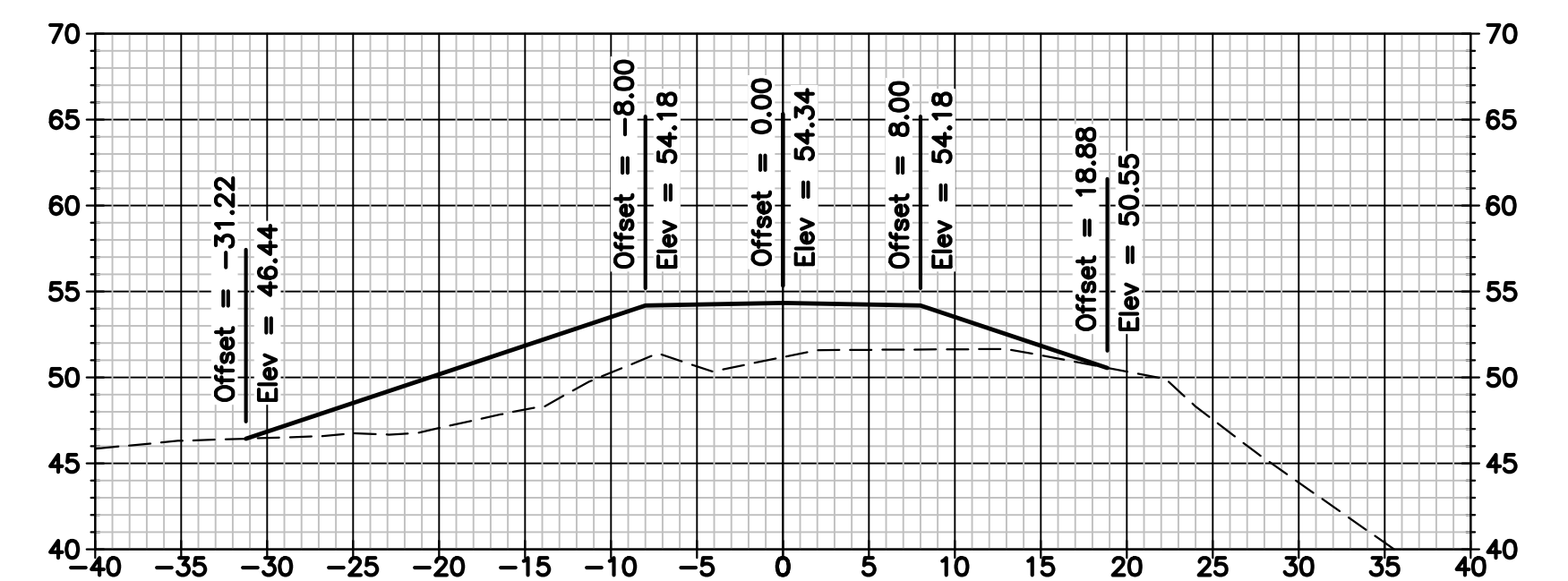
29+00.00



30+50.00



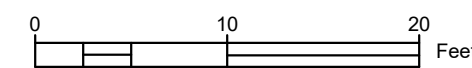
32+00.00



LEGEND

- EXISTING GROUND
- - - ASSUMED EXISTING GROUND AT TIME OF CONSTRUCTION
- FINISHED GRADE

16' WIDE STA. 29+00 TO 33+00



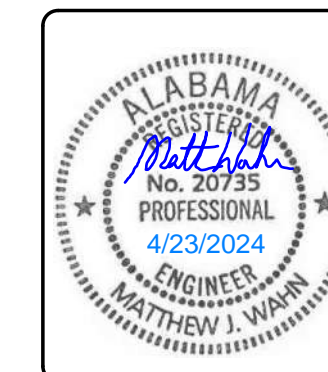
0	ISSUE FOR BID	04-24-24	MW
Mark	Description	Date	Appr.

ALABAMA STATE PORT AUTHORITY
 MOBILE, ALABAMA
 PROJECT NO.: 11363, TASK 1
 2970 COTTAGE HILL ROAD, SUITE 190
 MOBILE, ALABAMA 36606
 (251)666-2443

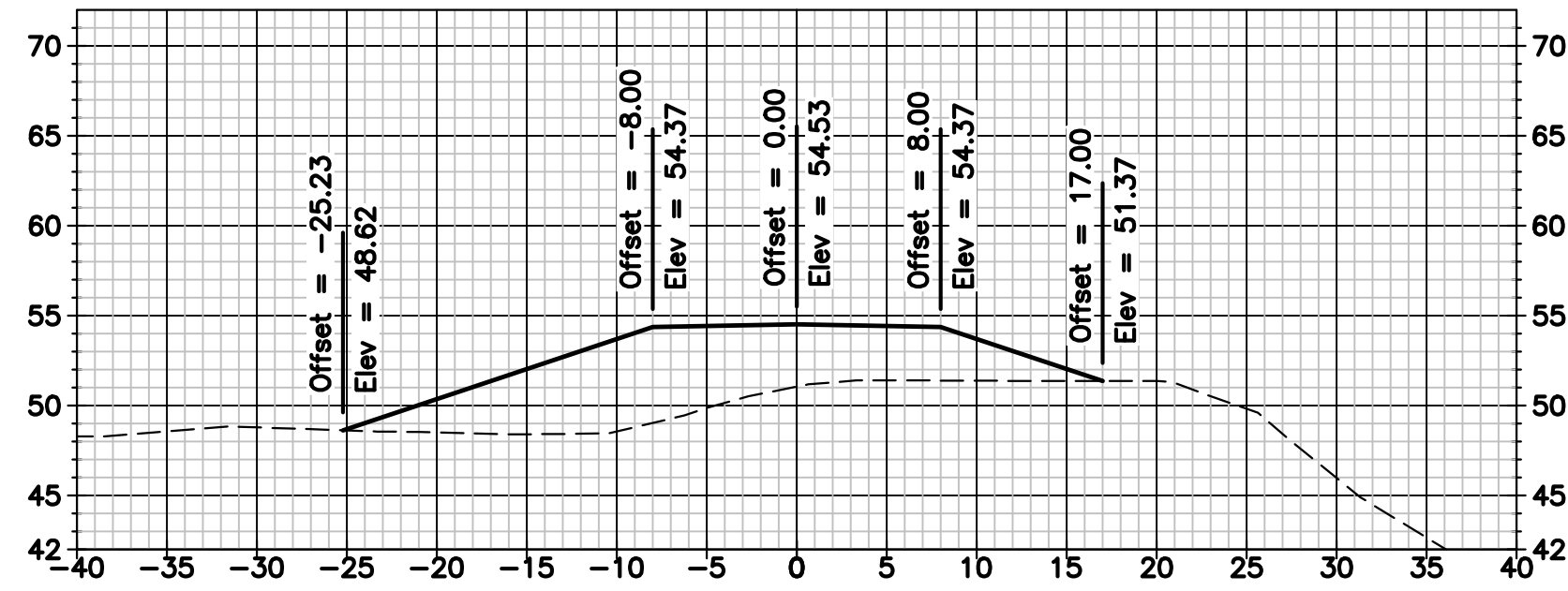
ASPAS WEST MUD LAKE DIKE RAISING

CROSS SECTIONS

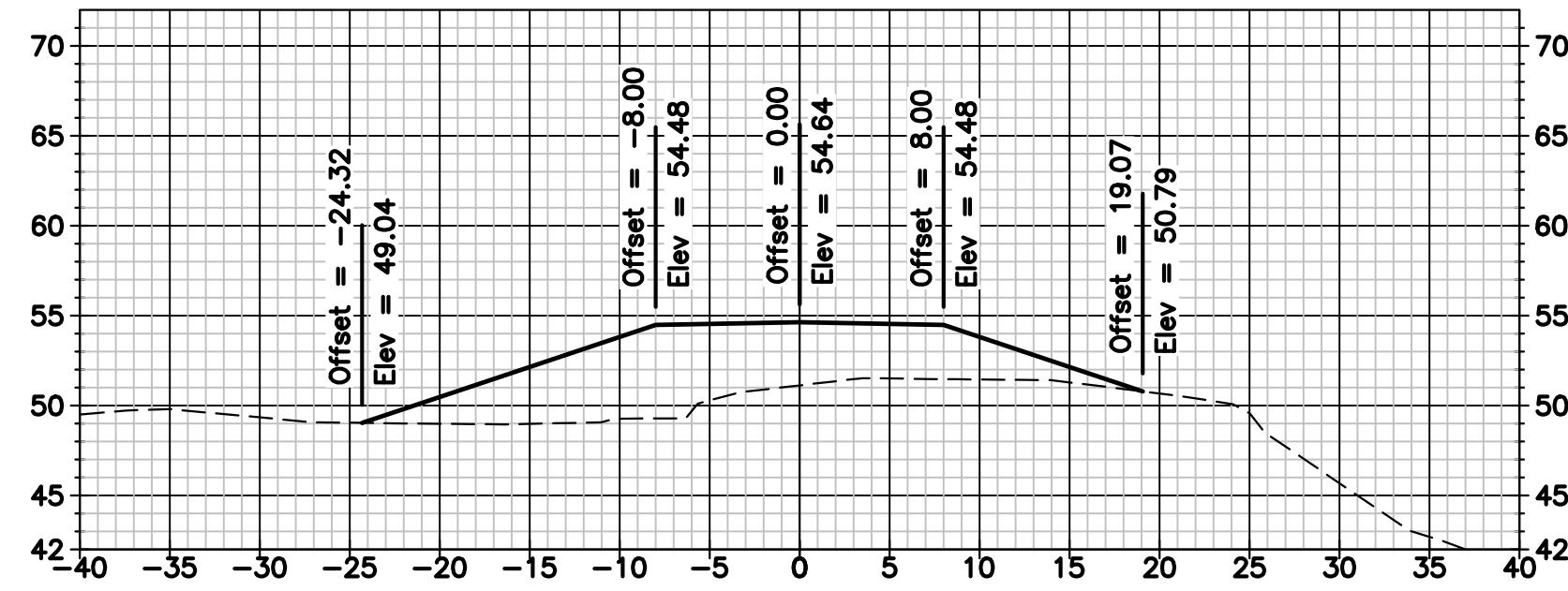
Date:	Designed by:	Drawn by:	TE Job No.:	Sheet No.:	Rev.:
04-24-24	N/A	SSC	23-1101-0215	C904	0
Ckd by:	Reviewed by:	Submitted by:	Scale:		
MW	MCR	MW			



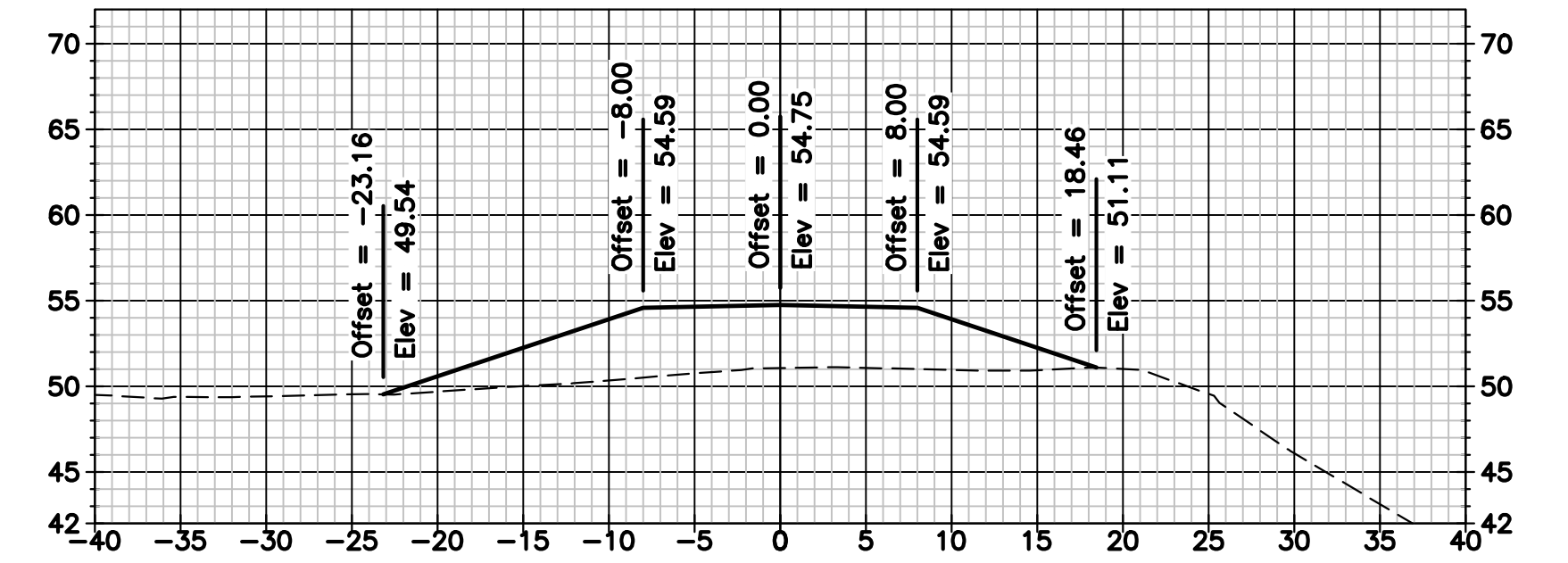
34+50.00



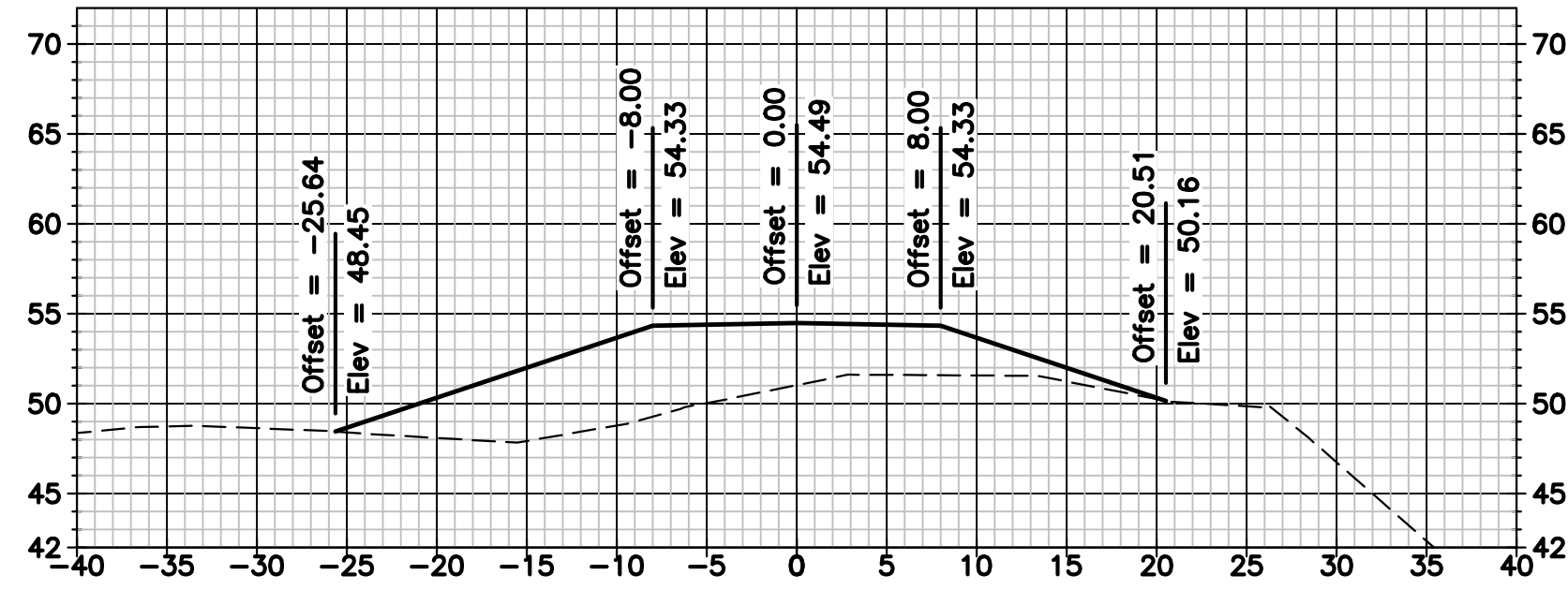
36+00.00



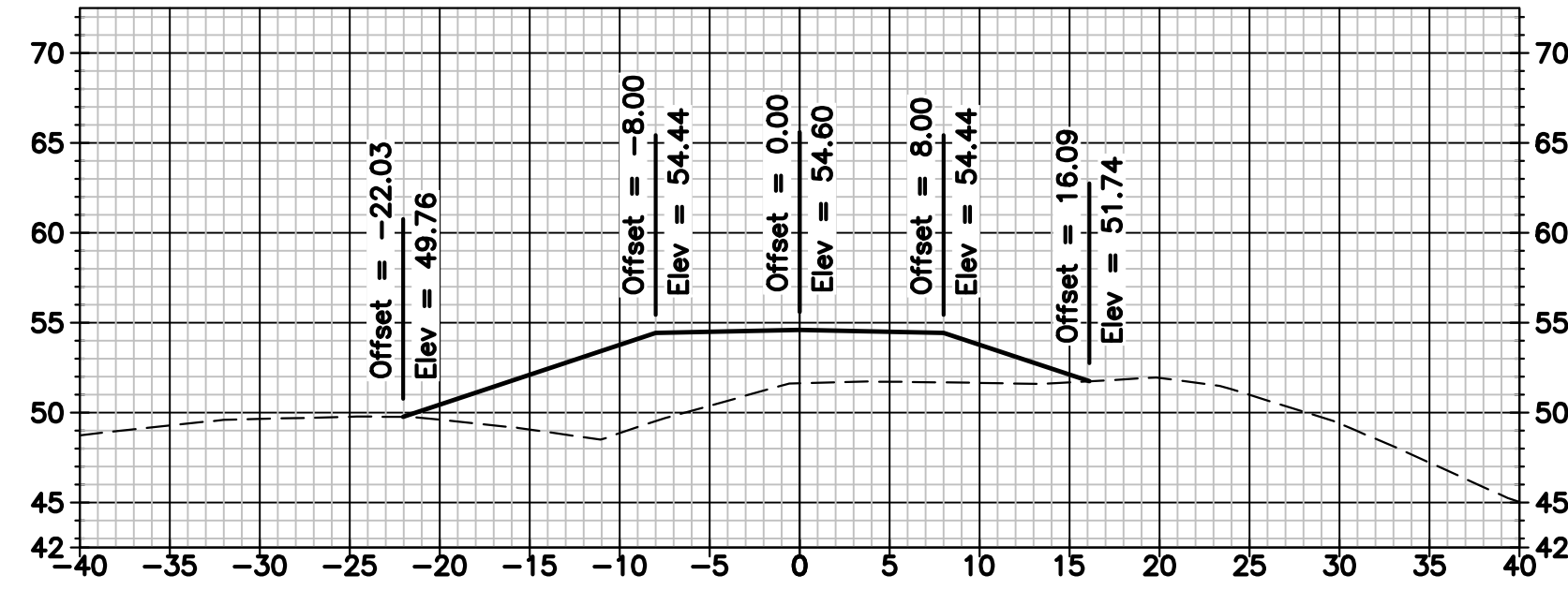
37+50.00



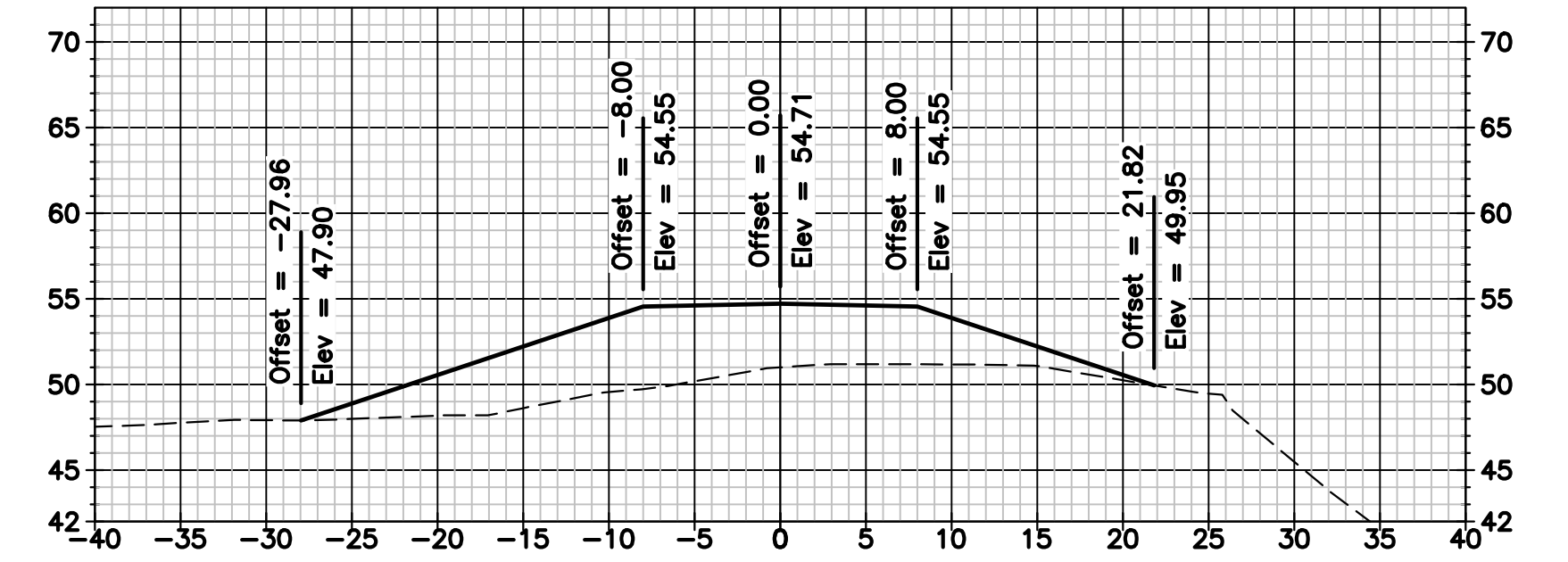
34+00.00



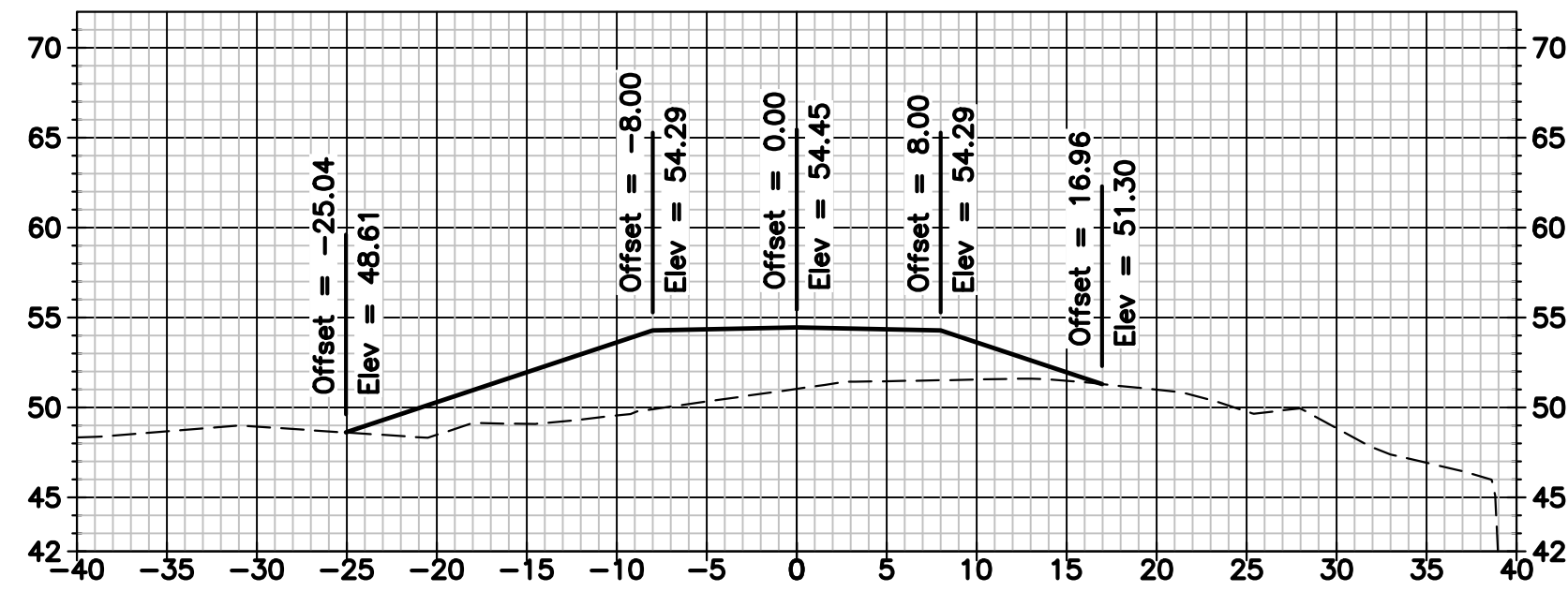
35+50.00



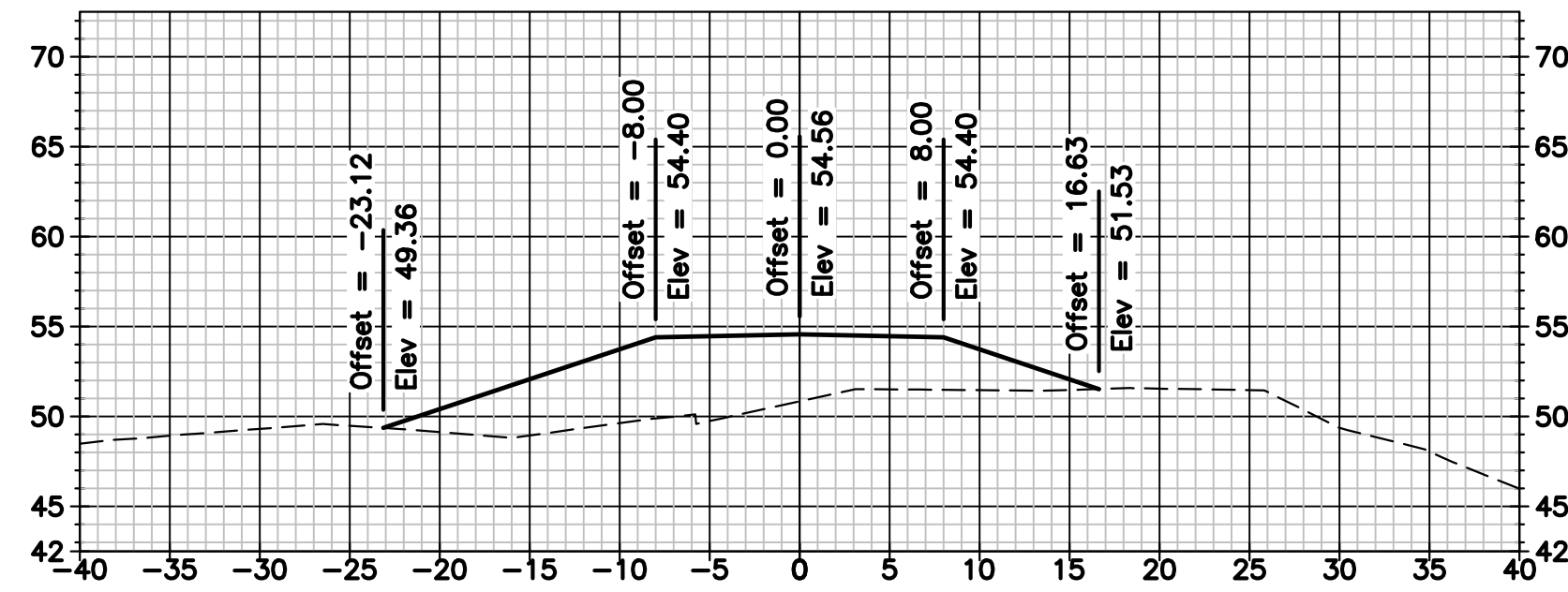
37+00.00



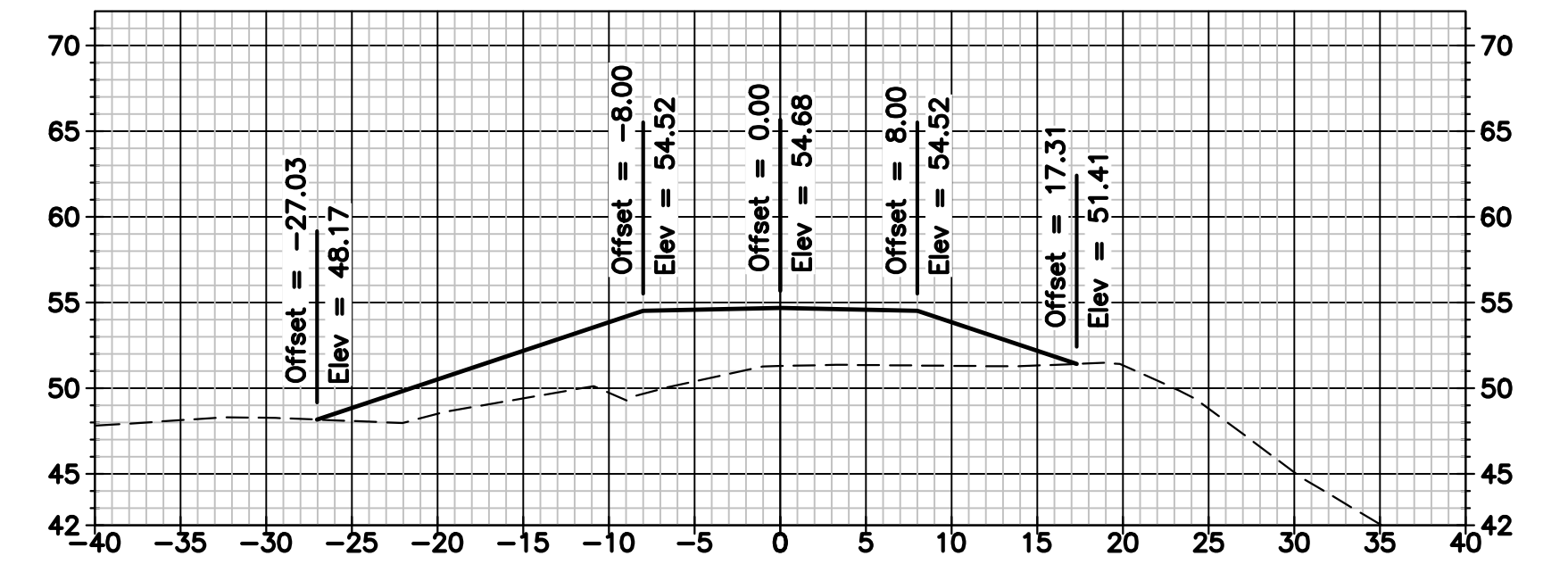
33+50.00



35+00.00



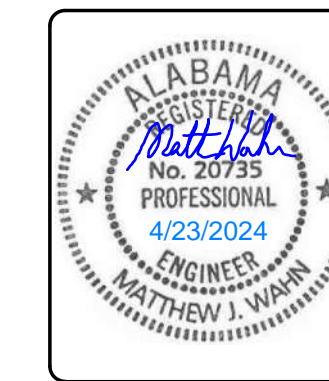
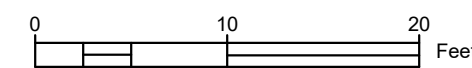
36+50.00



LEGEND

- EXISTING GROUND
- - - ASSUMED EXISTING GROUND AT TIME OF CONSTRUCTION
- FINISHED GRADE

16' WIDE STA. 33+50 TO 37+50



0	ISSUE FOR BID	04-24-24	MW
Mark	Description	Date	Appr.

ALABAMA STATE PORT AUTHORITY
MOBILE, ALABAMA
PROJECT NO.: 11363, TASK 1

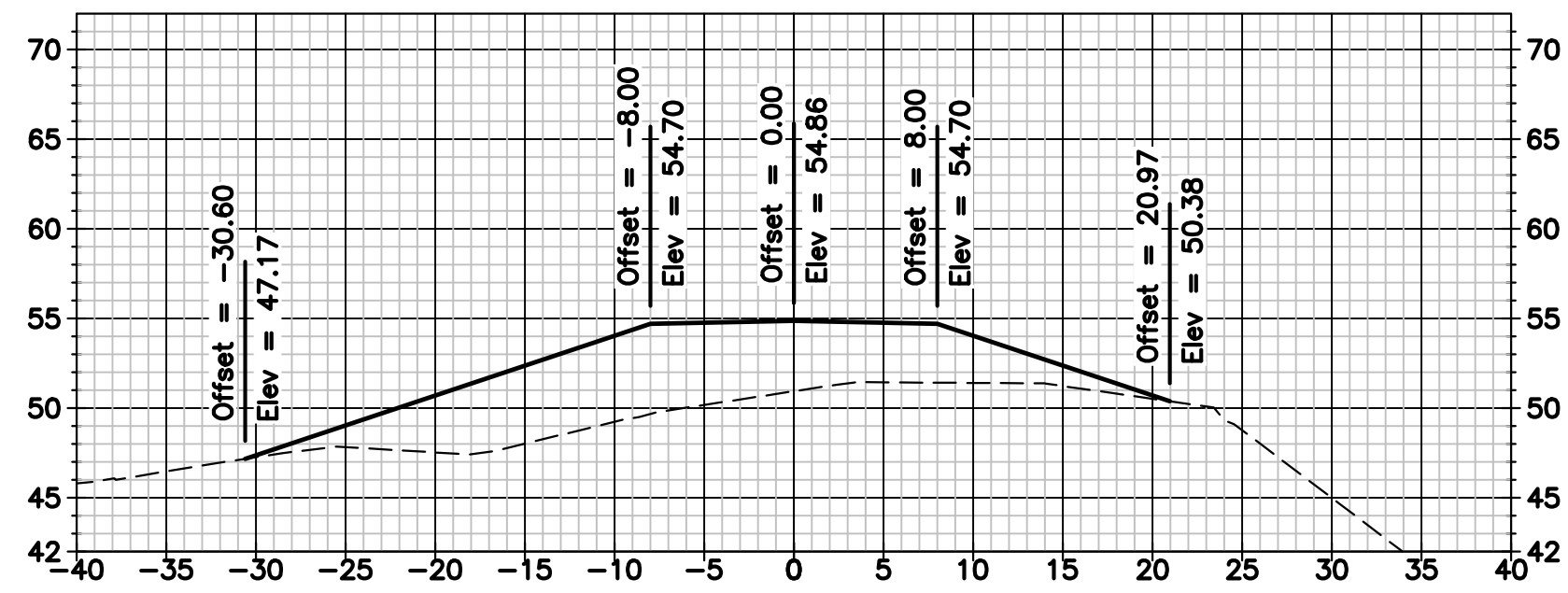
thompson ENGINEERING
2970 COTTAGE HILL ROAD, SUITE 190
MOBILE, ALABAMA 36606
(251)666-2443

ASPA WEST MUD LAKE DIKE RAISING

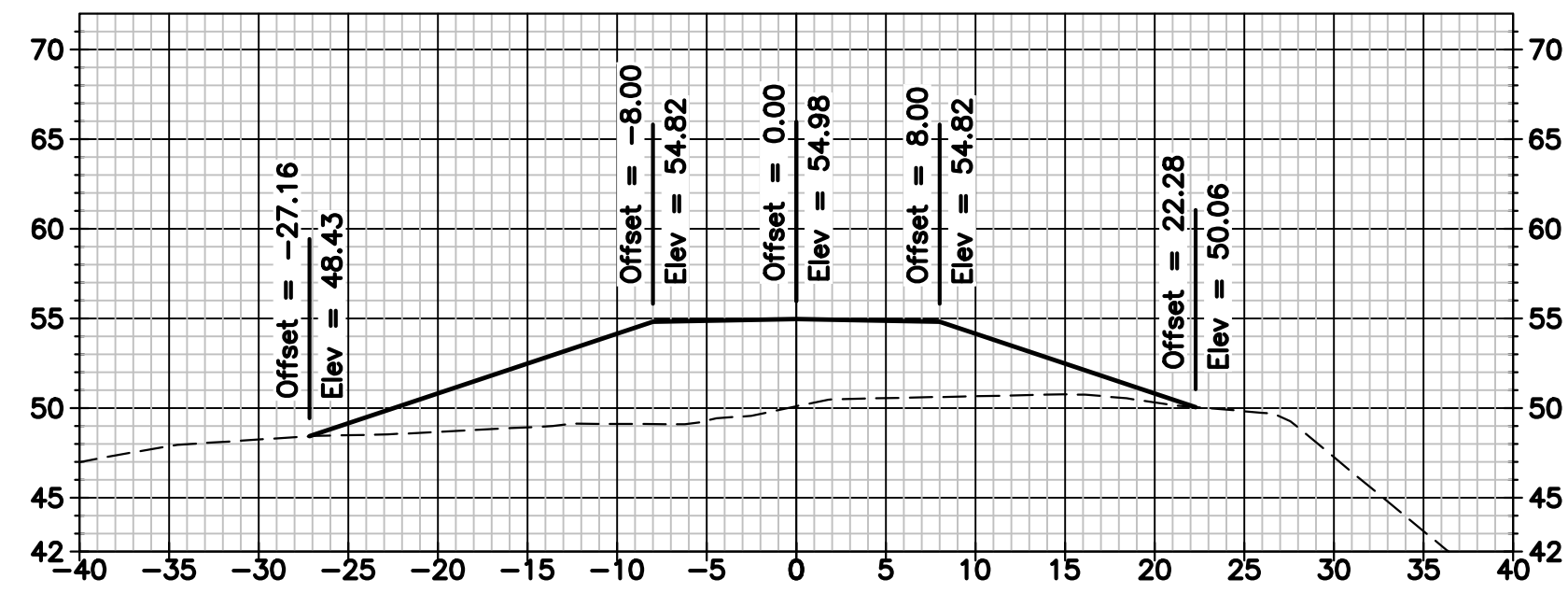
CROSS SECTIONS

Date:	Designed by:	Drawn by:	TE Job No.:	Sheet No.:	Rev.:
04-24-24	N/A	SSC	23-1101-0215	C905	0
Ckd by:	Reviewed by:	Submitted by:	Scale:		
MW	MCR	MW			

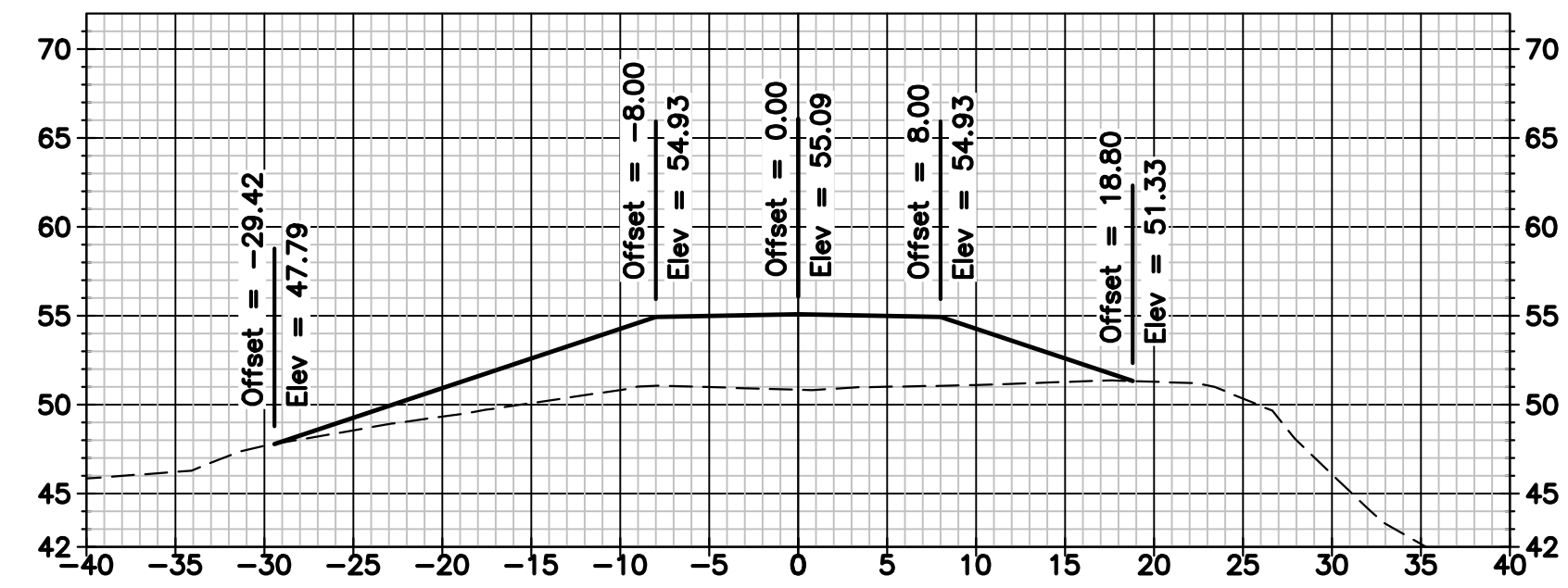
39+00.00



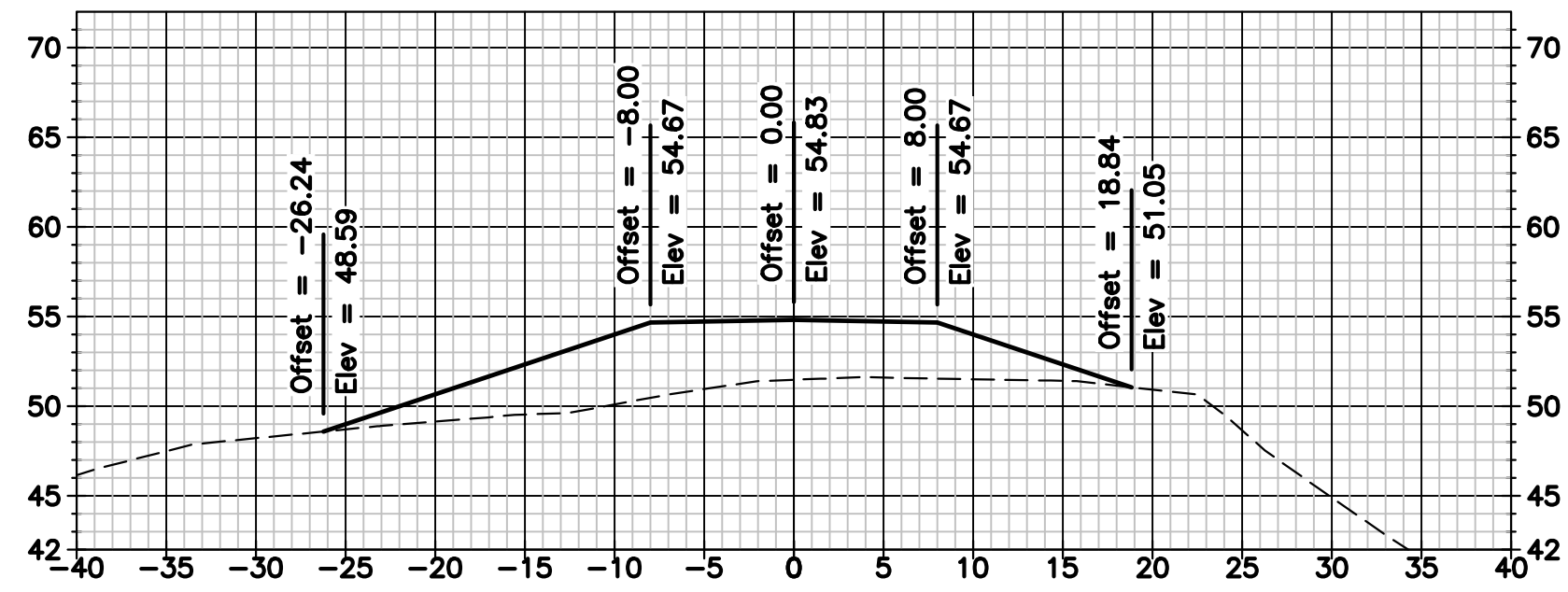
40+50.00



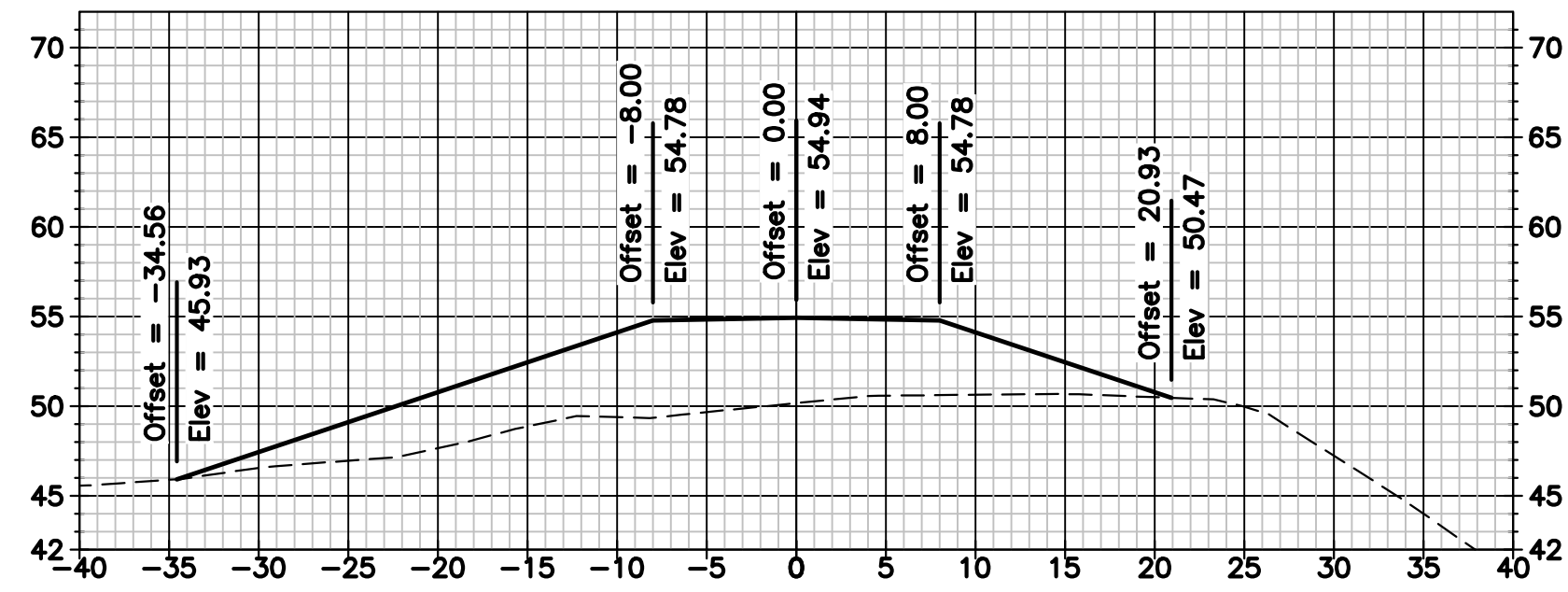
42+00.00



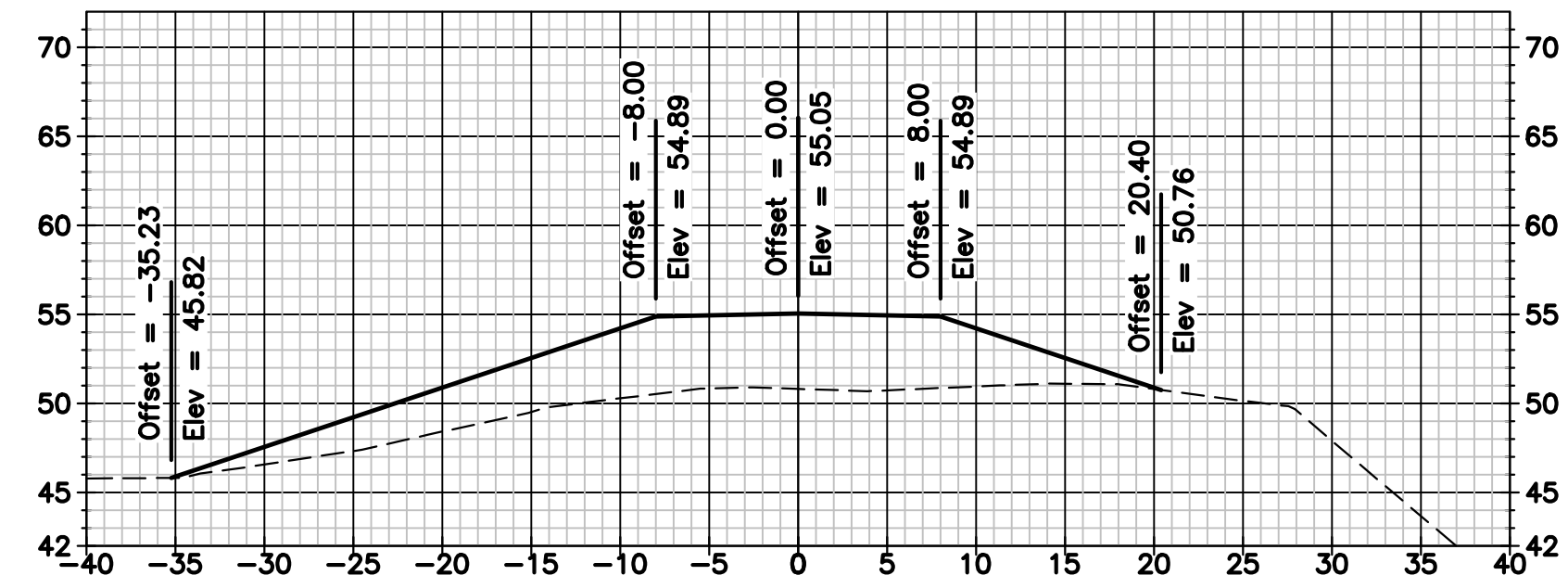
38+50.00



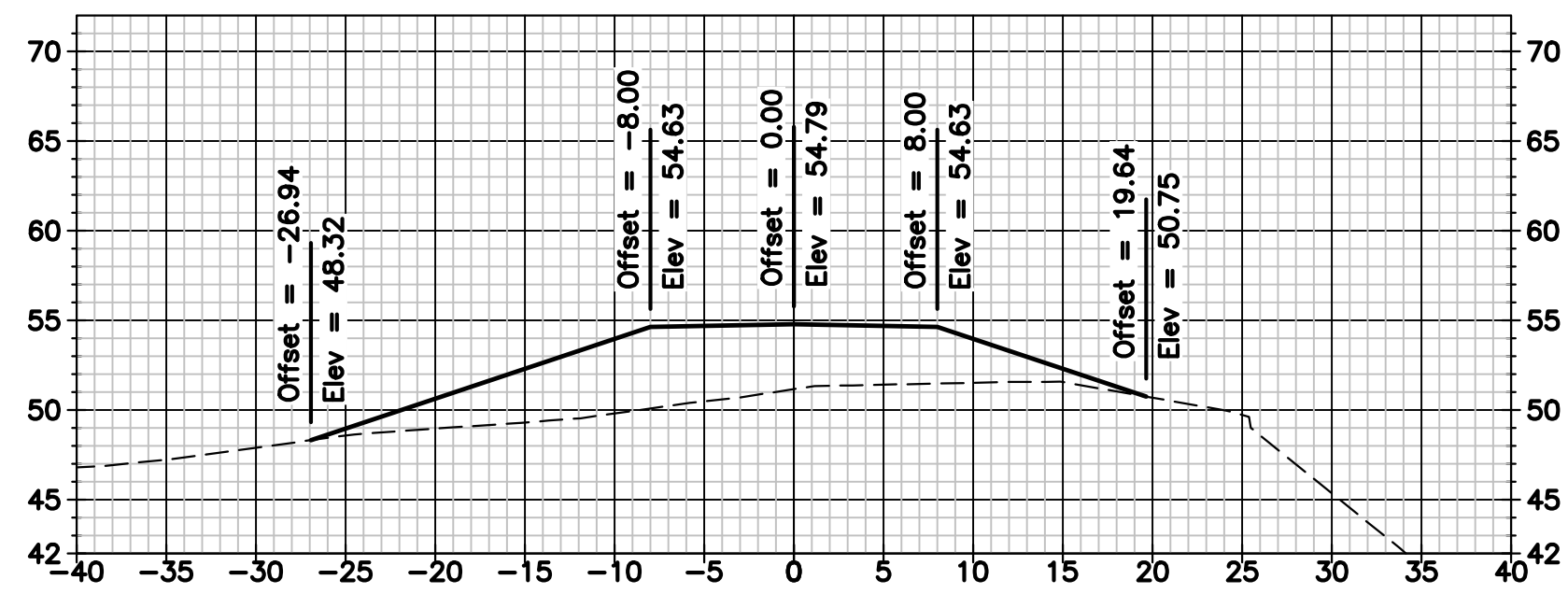
40+00.00



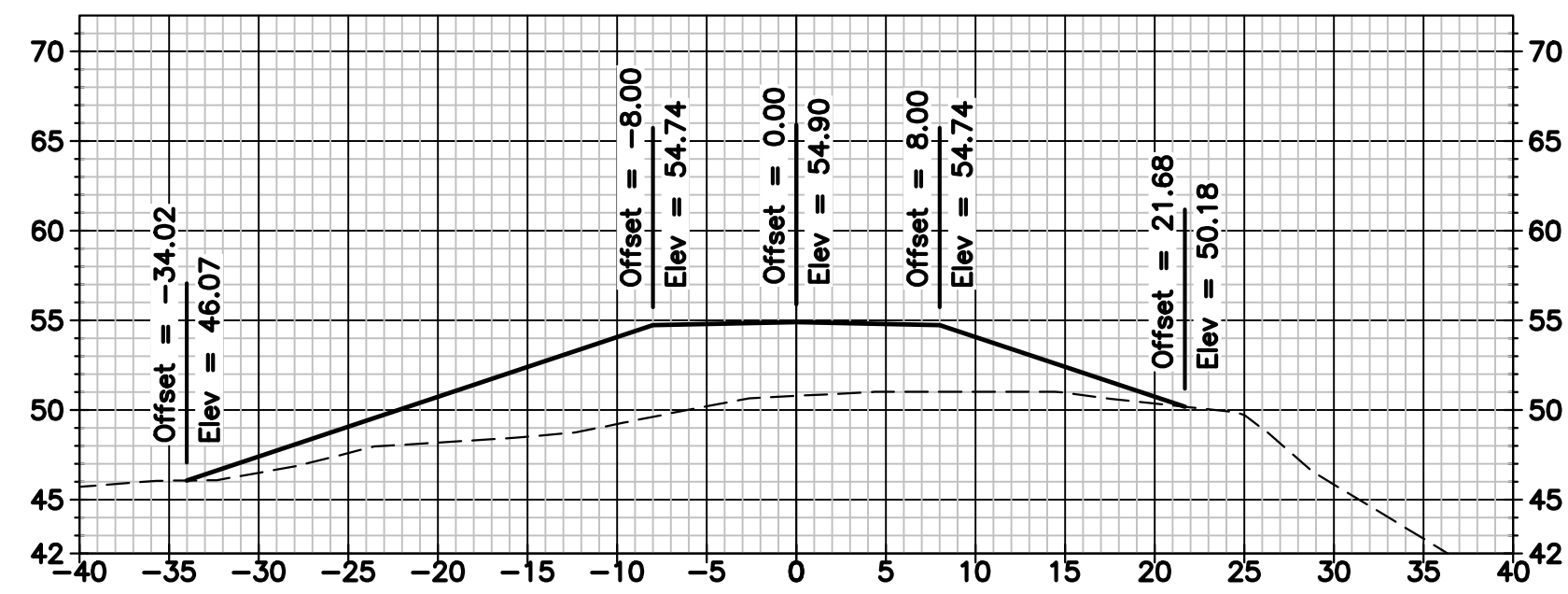
41+50.00



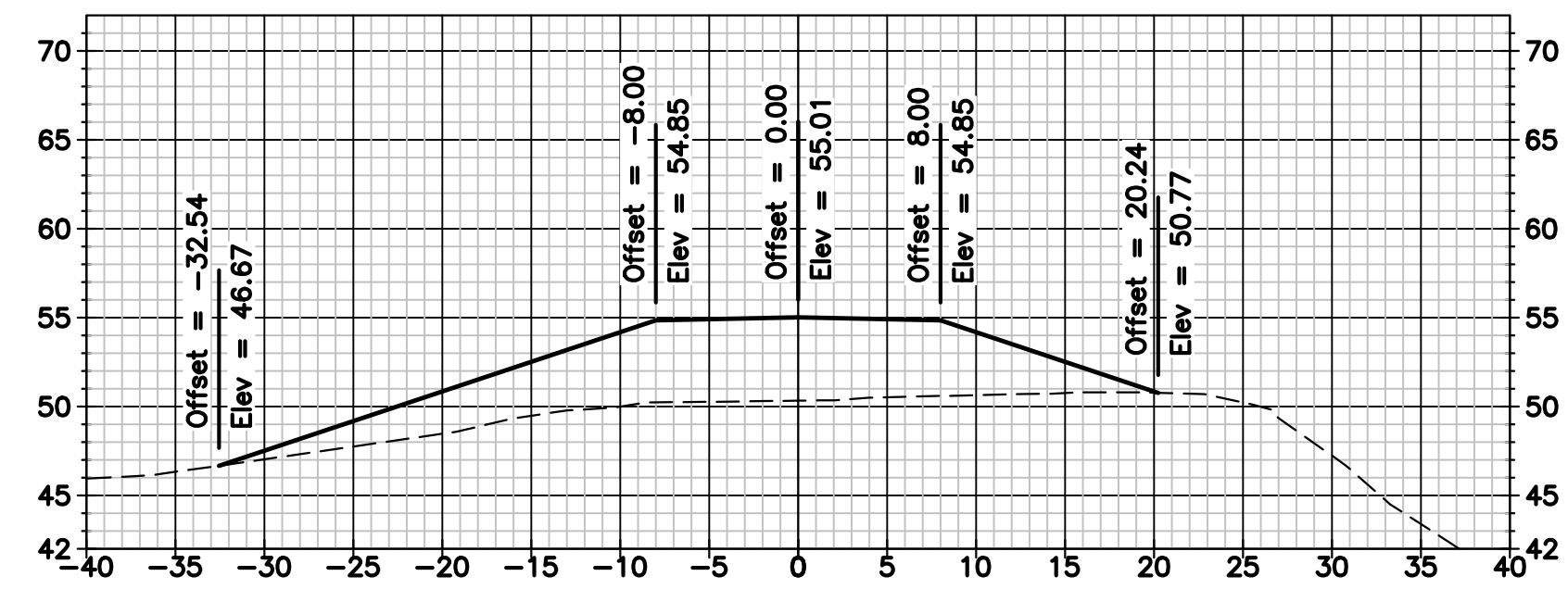
38+00.00



39+50.00



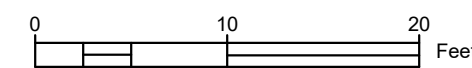
41+00.00



LEGEND

- EXISTING GROUND
- - - ASSUMED EXISTING GROUND AT TIME OF CONSTRUCTION
- FINISHED GRADE

16' WIDE STA. 38+00 TO 42+00



0	ISSUE FOR BID	04-24-24	MW
Mark	Description	Date	Appr.

ALABAMA STATE PORT AUTHORITY
 MOBILE, ALABAMA
 PROJECT NO.: 11363, TASK 1
 2970 COTTAGE HILL ROAD, SUITE 190
 MOBILE, ALABAMA 36606
 (251)666-2443

thompson ENGINEERING

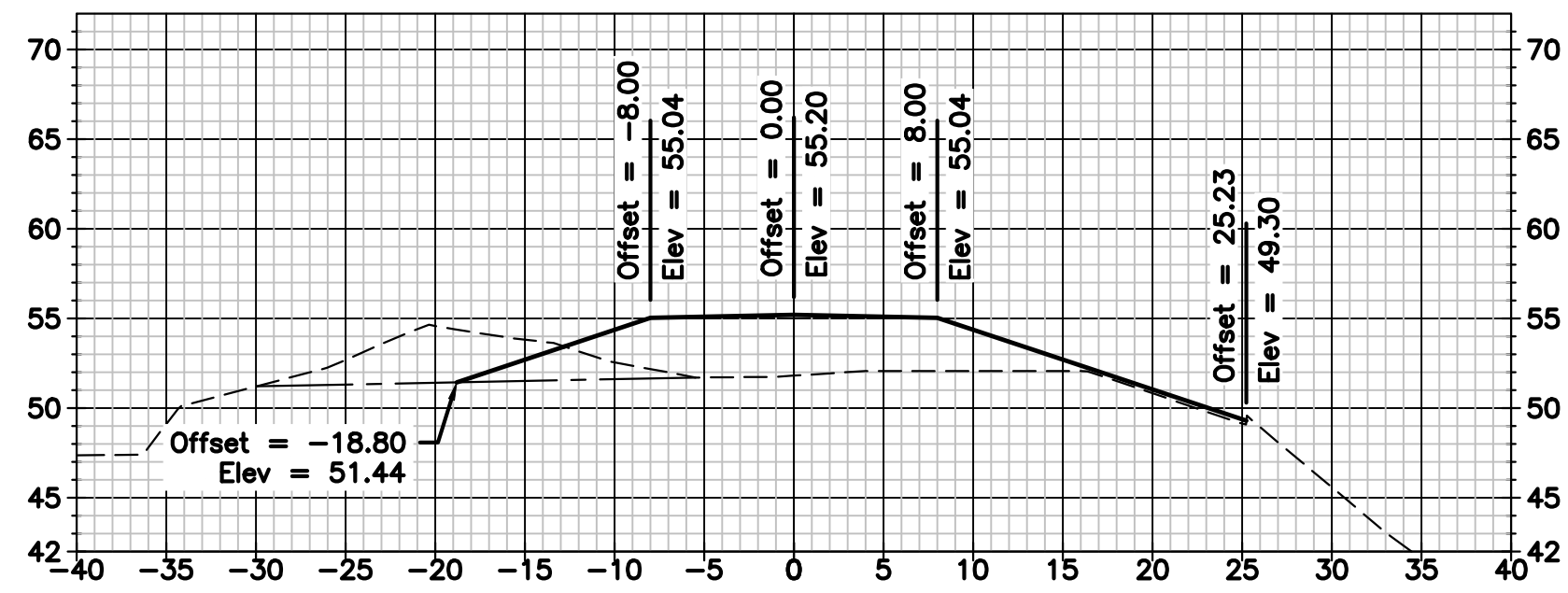
ASPA WEST MUD LAKE DIKE RAISING

CROSS SECTIONS

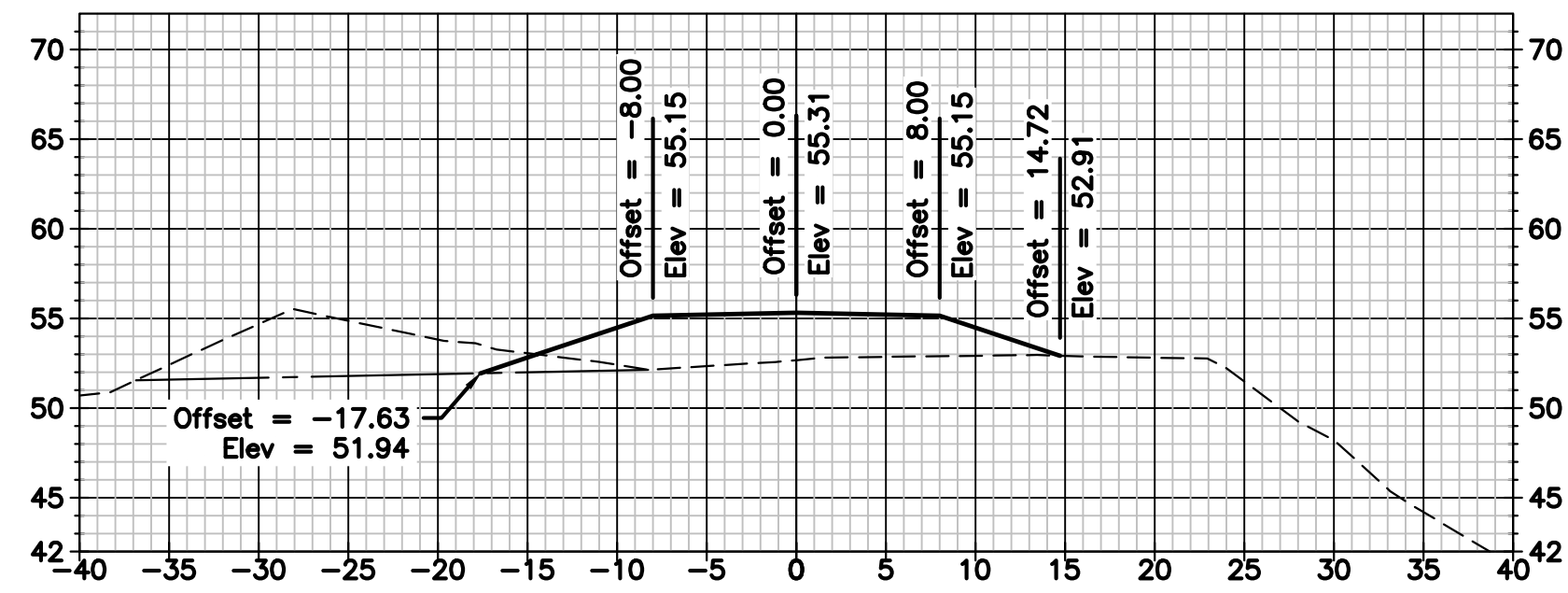
Date:	Designed by:	Drawn by:	TE Job No.:	Sheet No.:	Rev.:
04-24-24	N/A	SSC	23-1101-0215	C906	0
Ckd by:	Reviewed by:	Submitted by:	Scale:		
MW	MCR	MW			



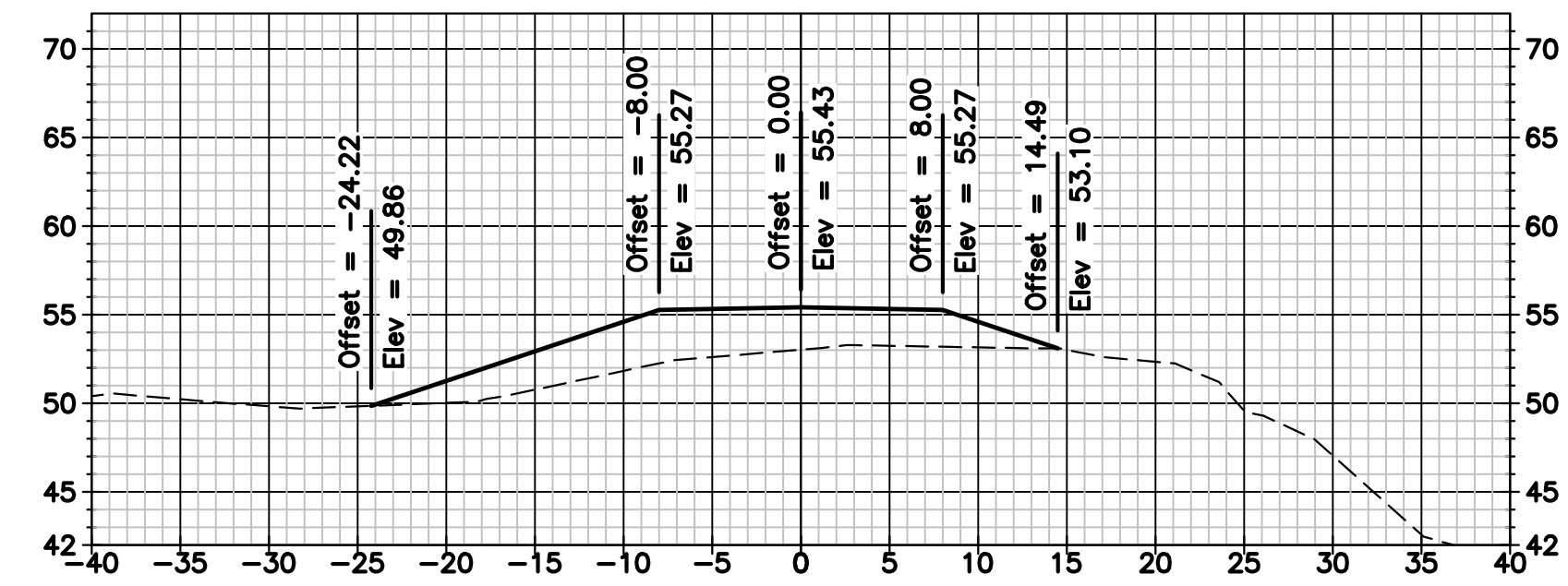
43+50.00



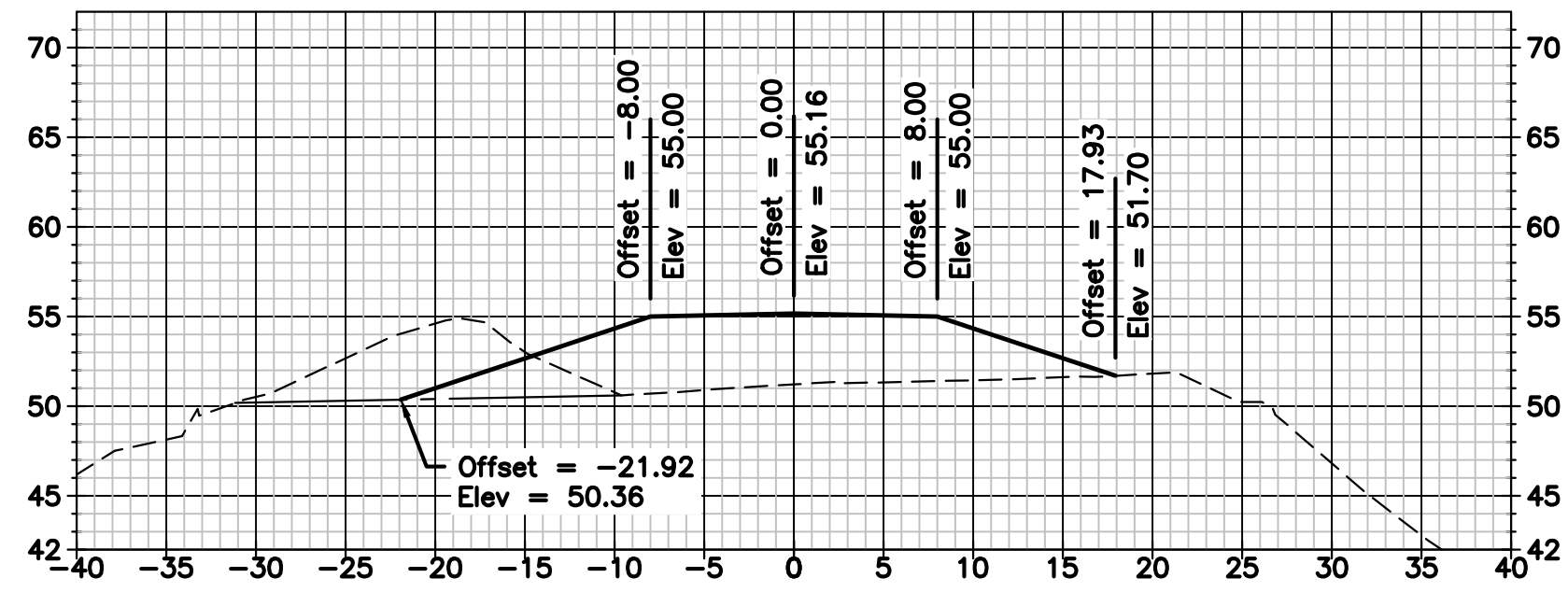
45+00.00



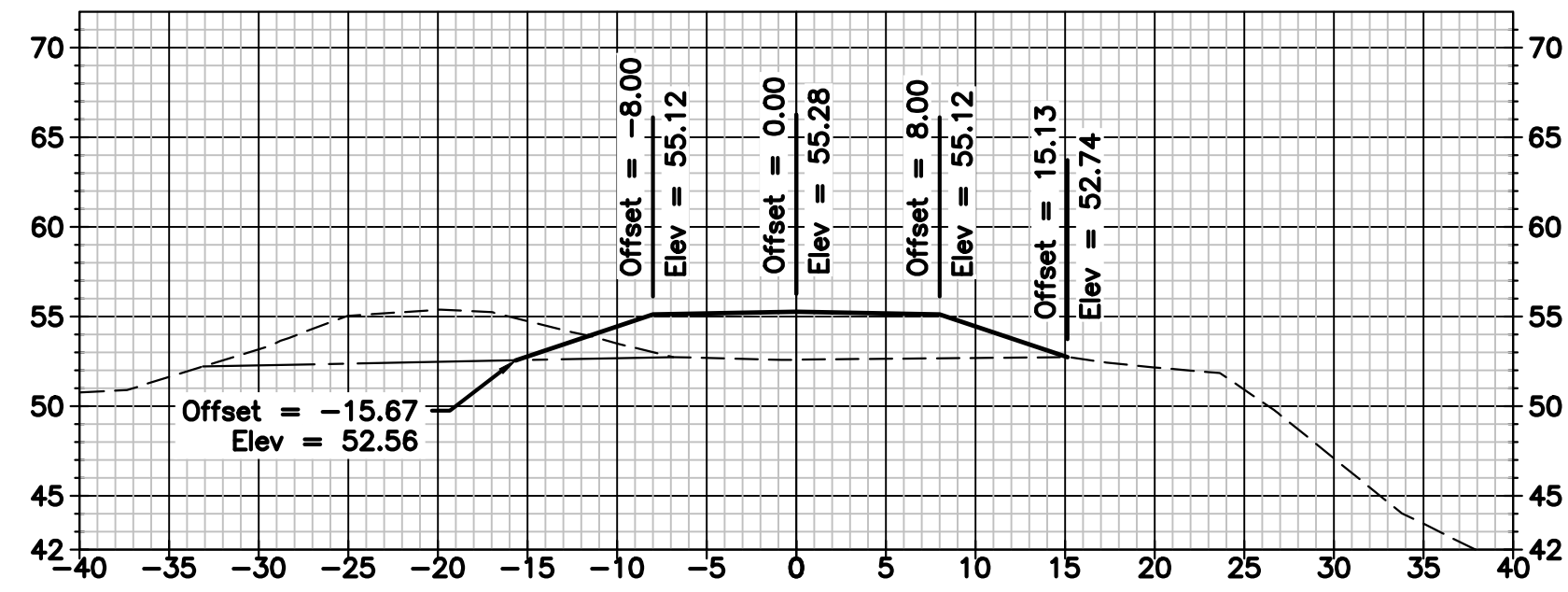
46+50.00



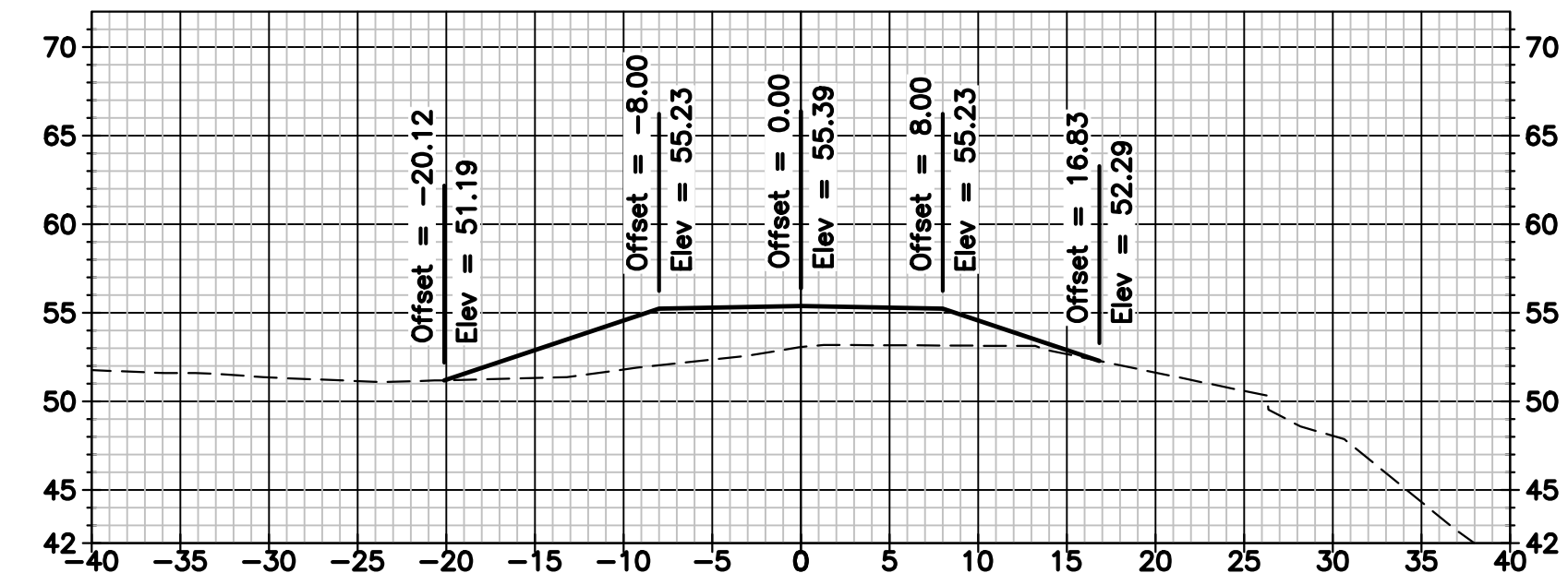
43+00.00



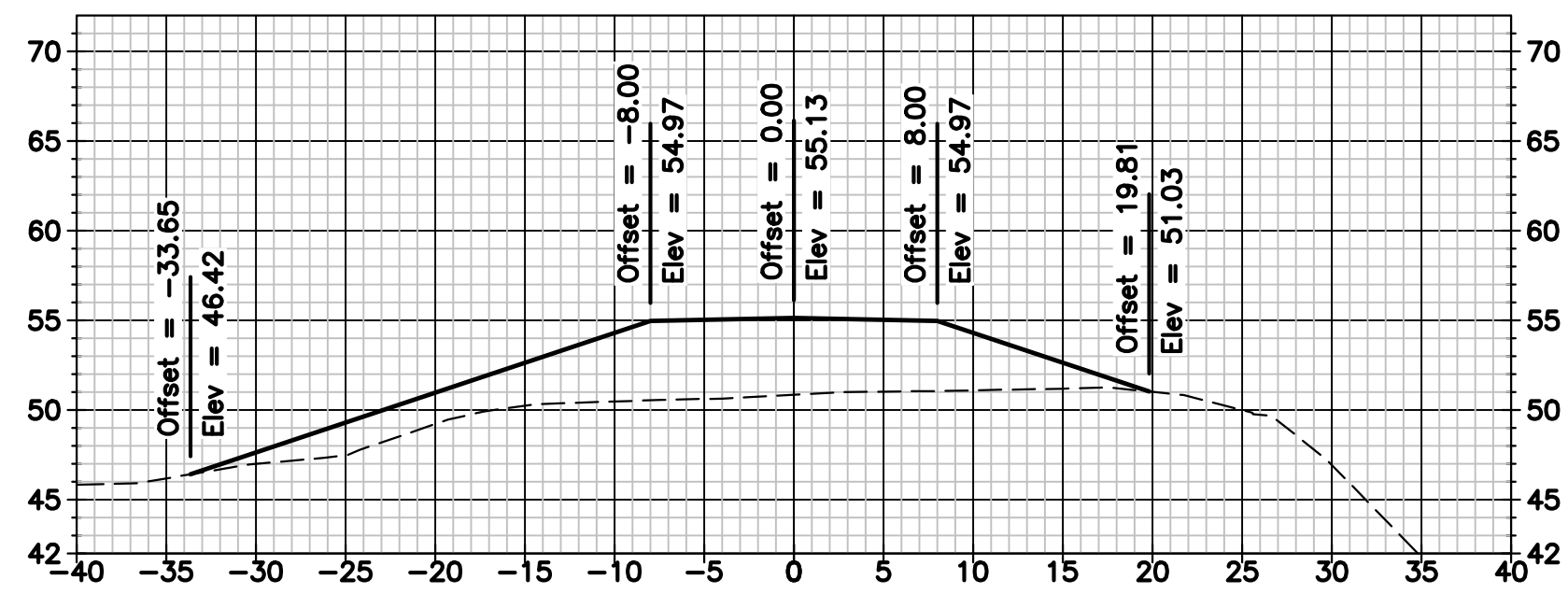
44+50.00



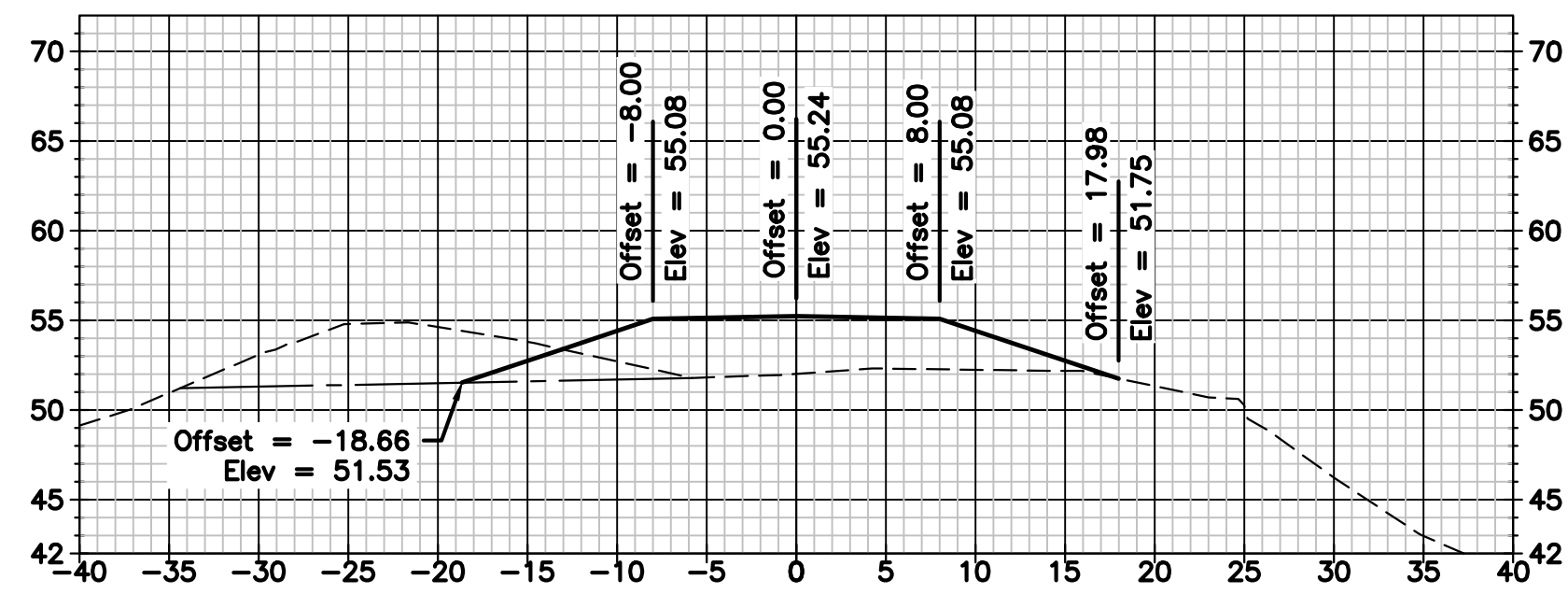
46+00.00



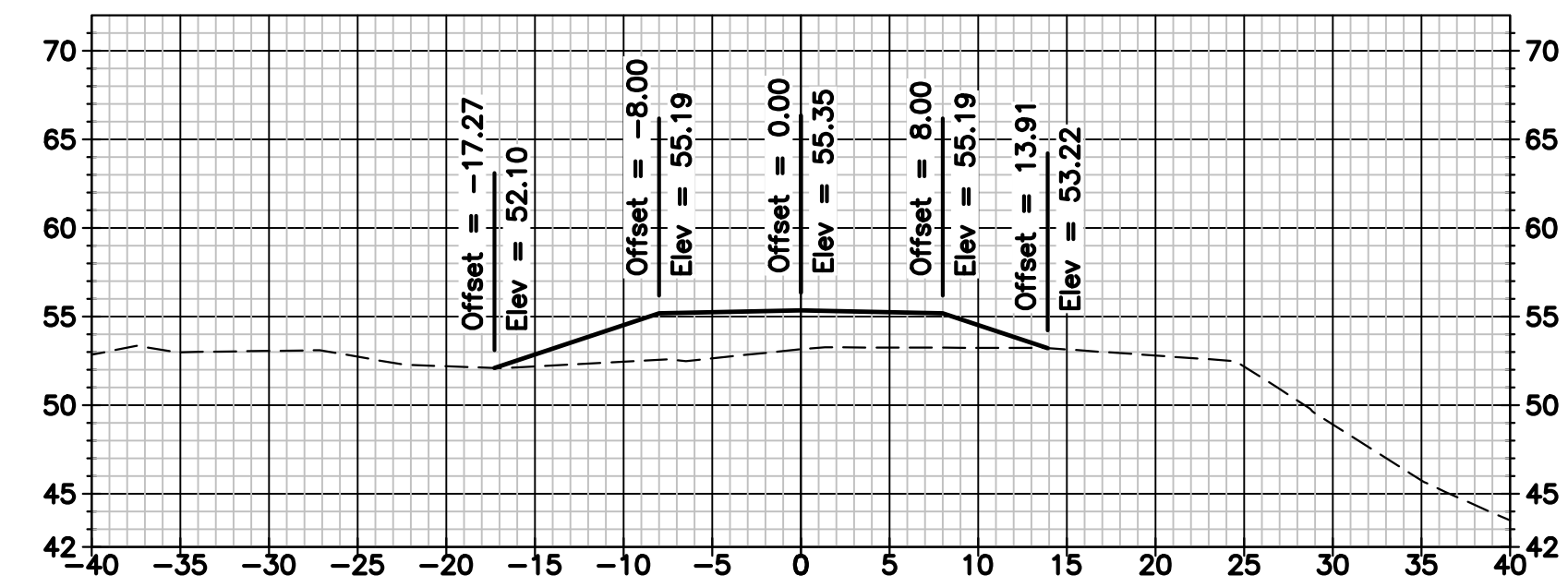
42+50.00



44+00.00



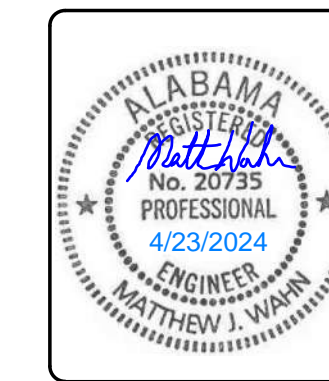
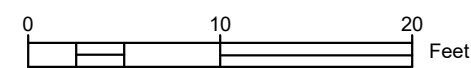
45+50.00



LEGEND

- EXISTING GROUND
- - - ASSUMED EXISTING GROUND AT TIME OF CONSTRUCTION
- FINISHED GRADE

16' WIDE STA. 42+50 TO 46+50



0	ISSUE FOR BID	04-24-24	MW
Mark	Description	Date	Appr.

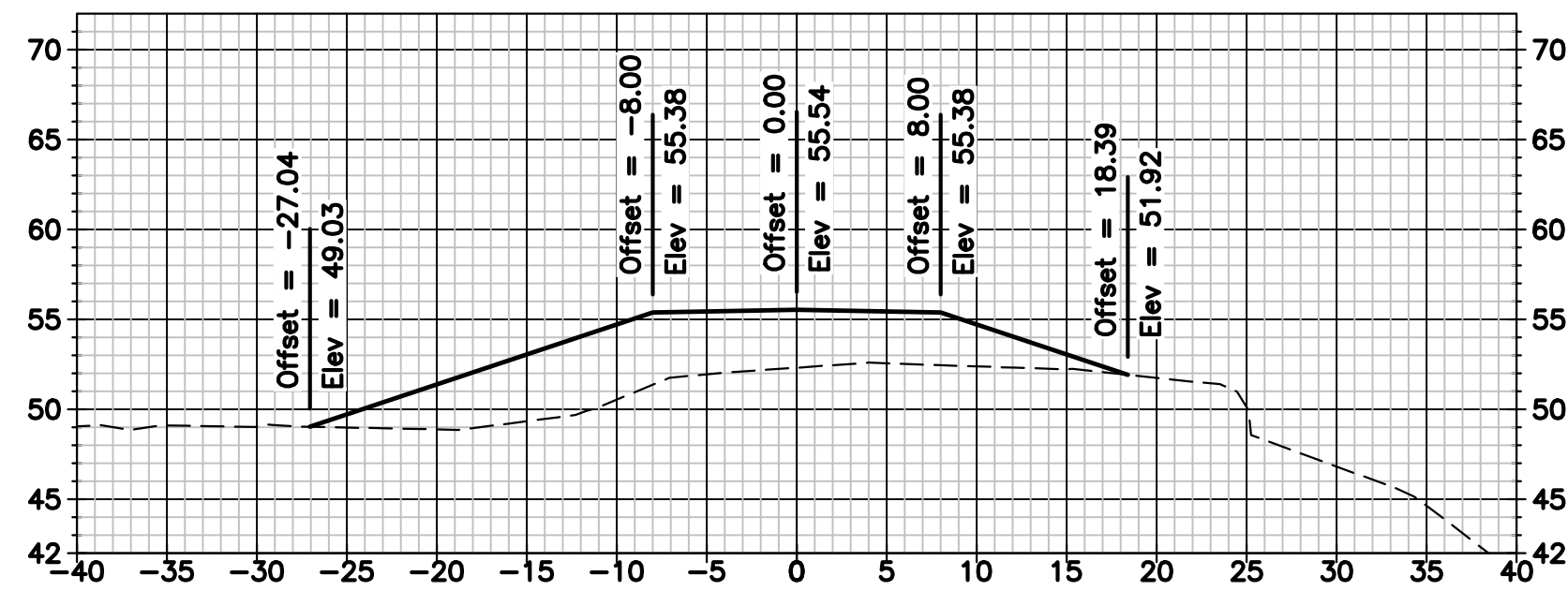
ALABAMA STATE PORT AUTHORITY
 MOBILE, ALABAMA
 PROJECT NO.: 11363, TASK 1
 2970 COTTAGE HILL ROAD, SUITE 190
 MOBILE, ALABAMA 36606
 (251)666-2443

ASP WEST MUD LAKE DIKE RAISING

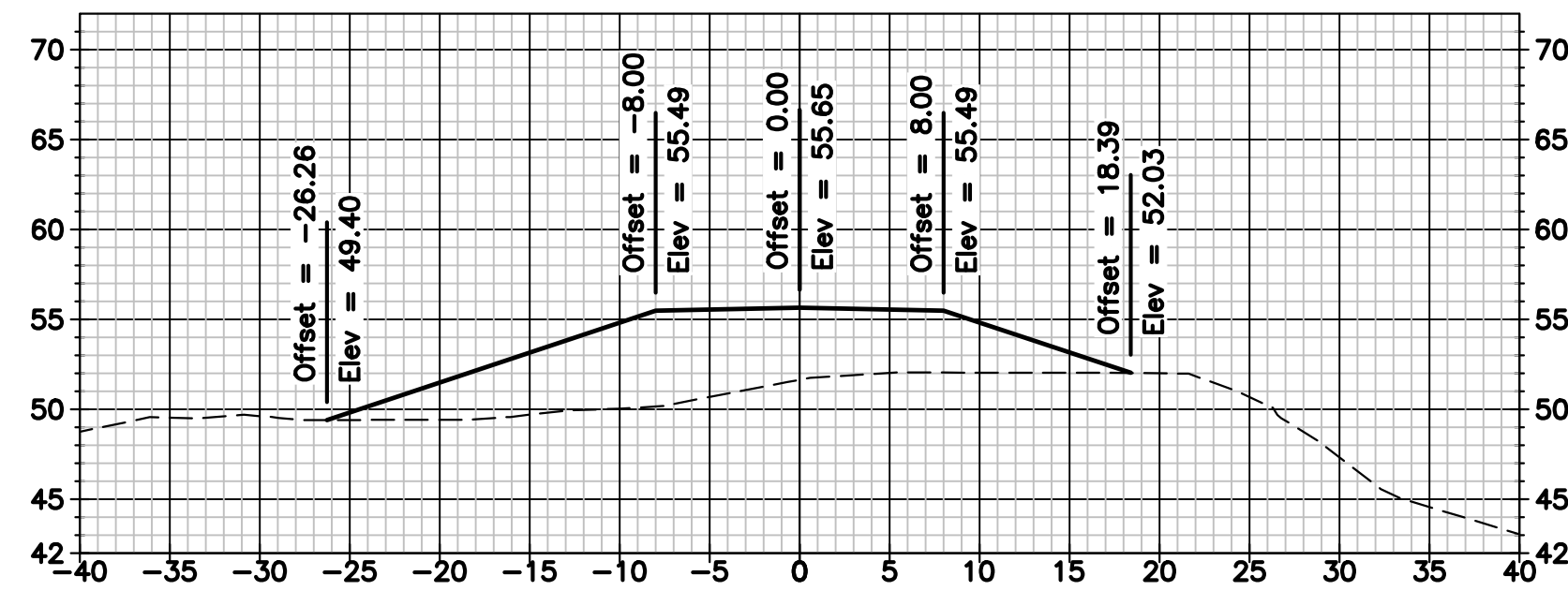
CROSS SECTIONS

Date:	Designed by:	Drawn by:	TE Job No.:	Sheet No.:	Rev.:
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Ckd by:	Reviewed by:	Submitted by:	Scale:		
MW	MCR	MW			

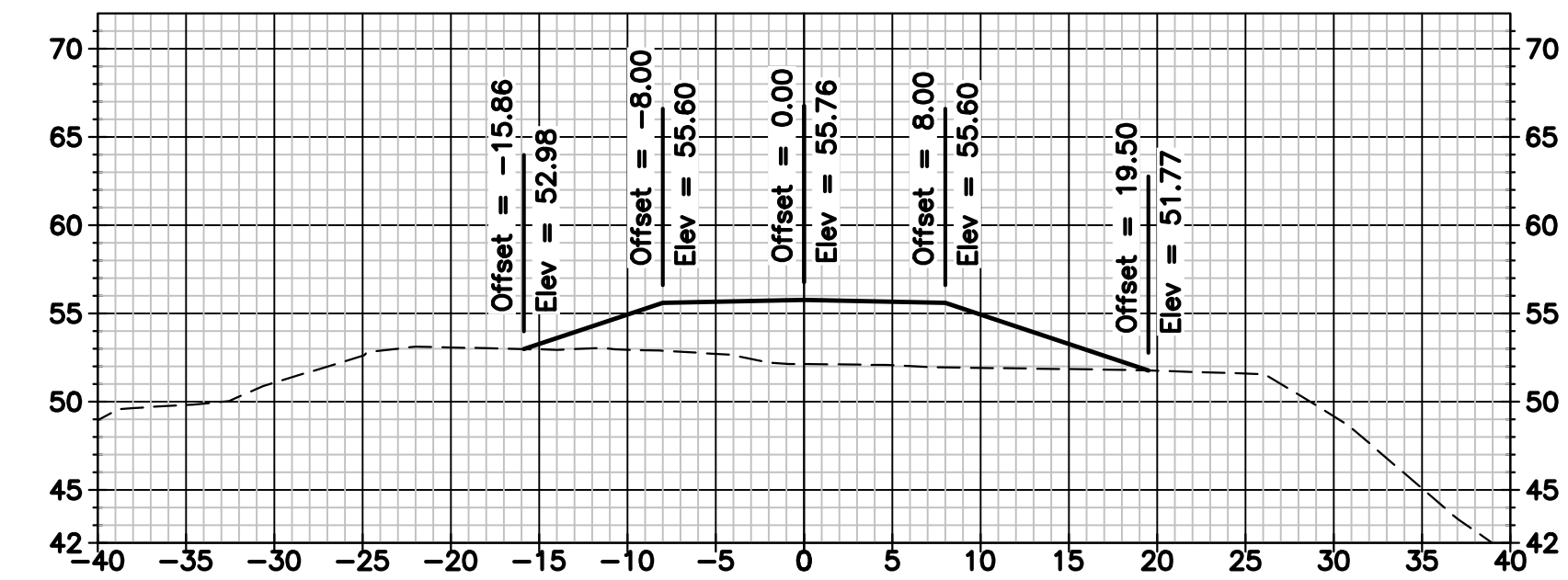
48+00.00



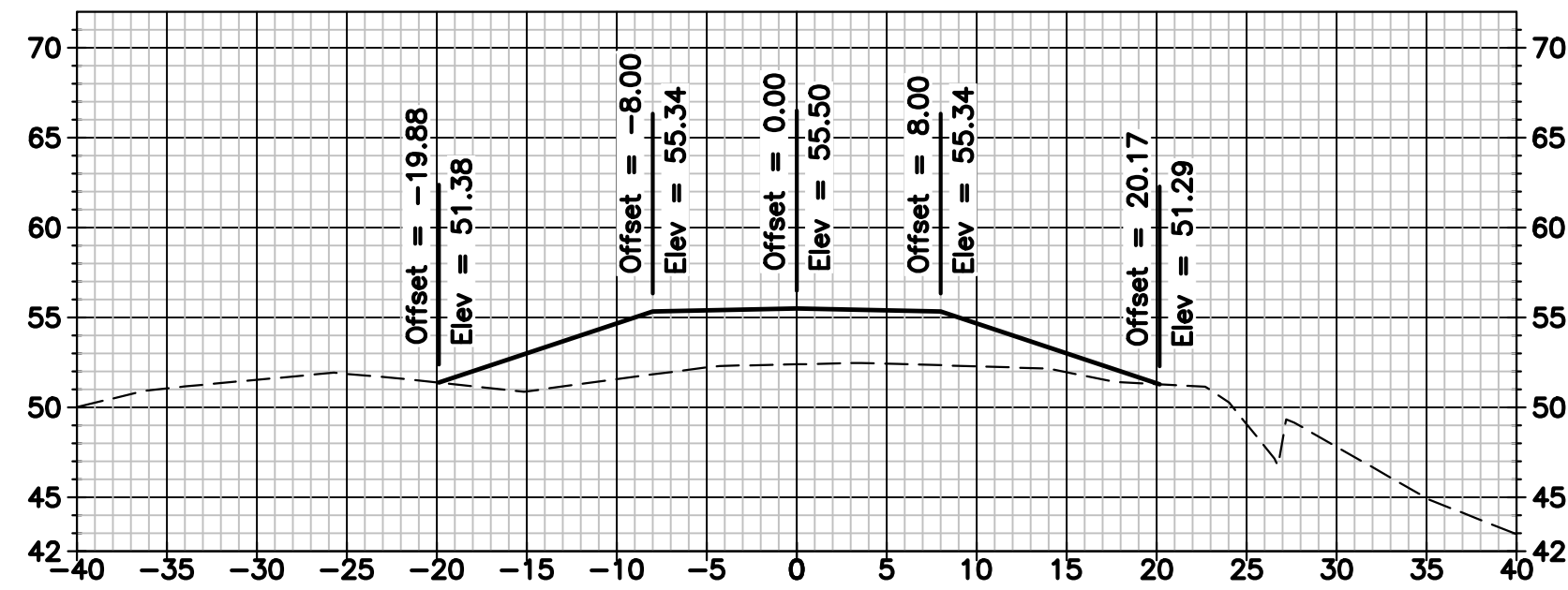
49+50.00



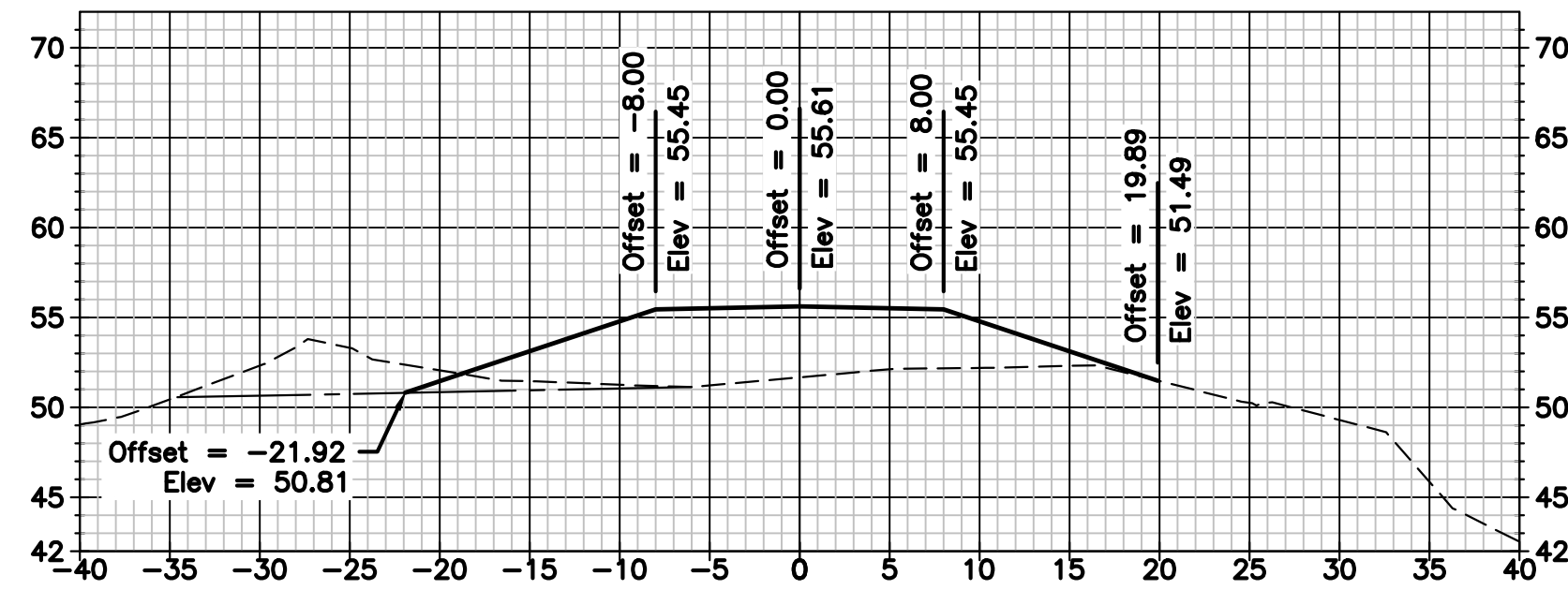
51+00.00



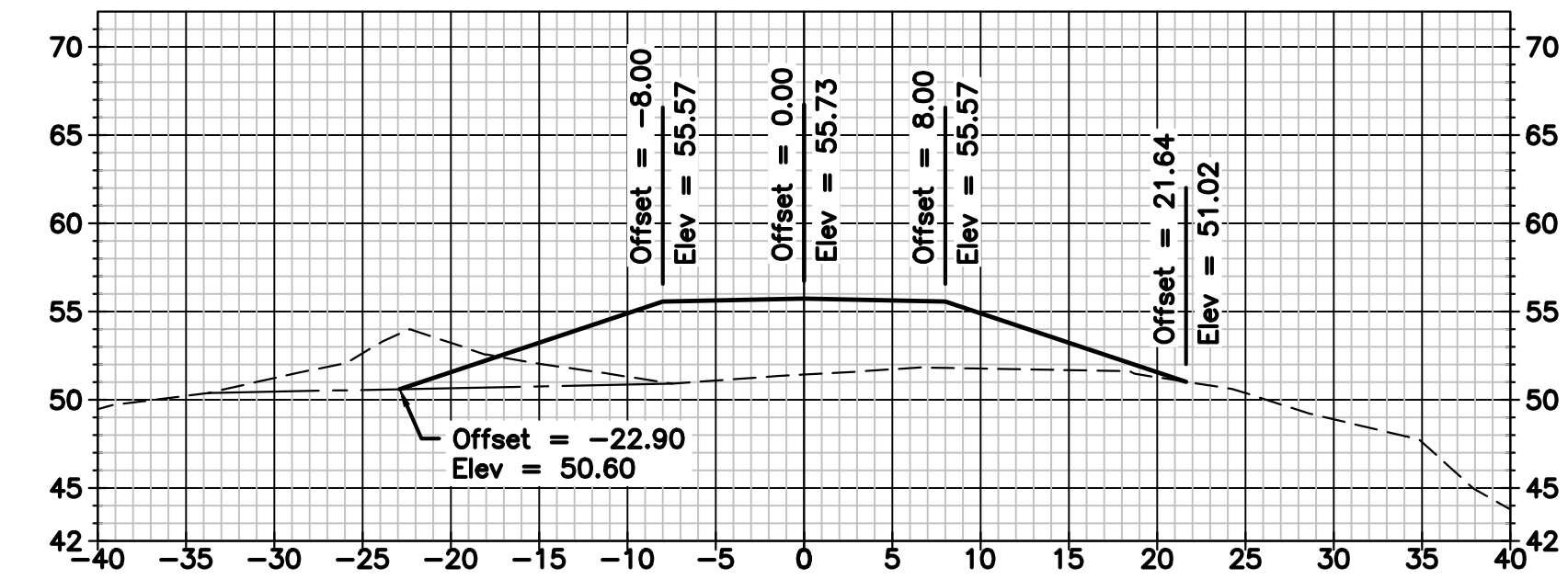
47+50.00



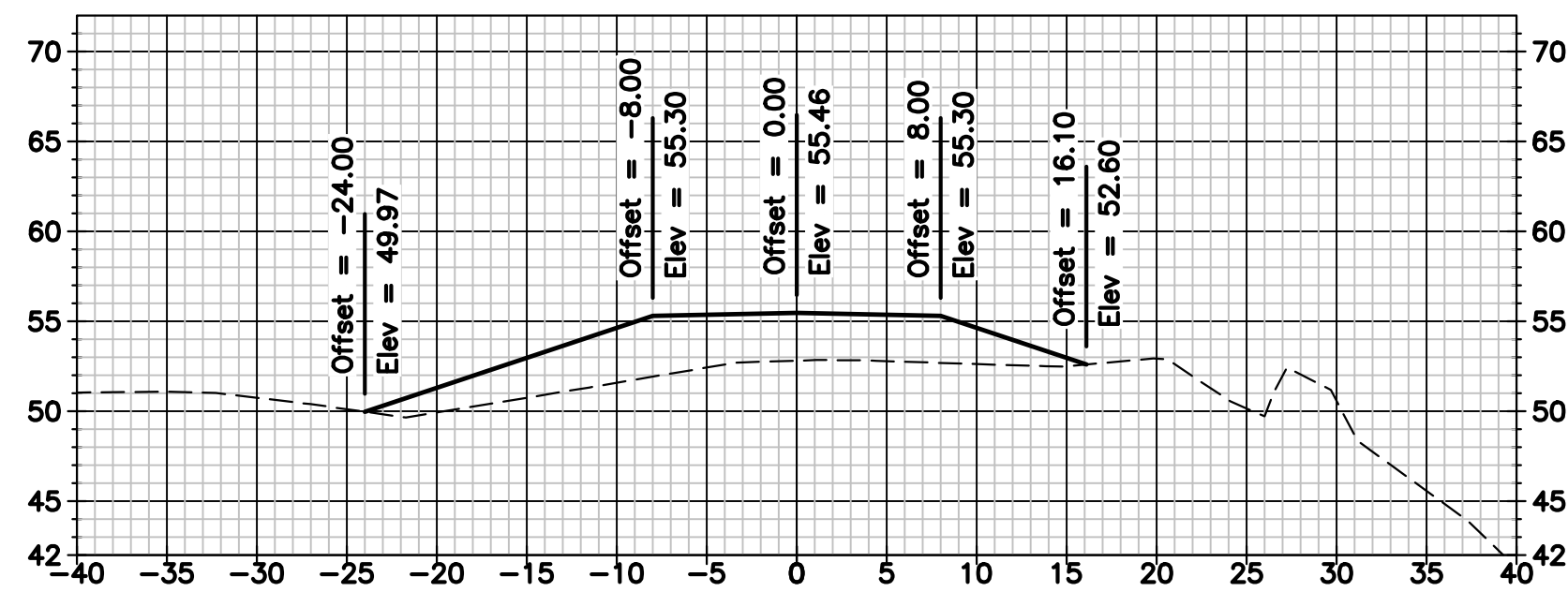
49+00.00



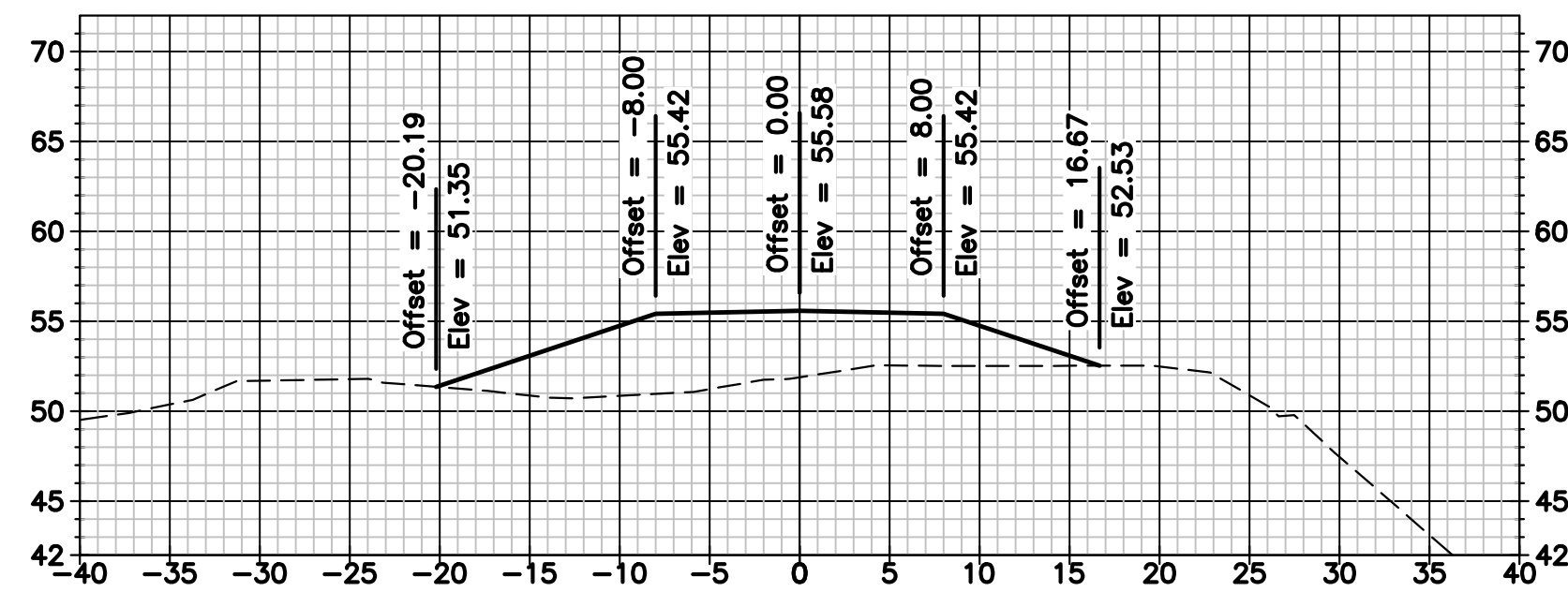
50+50.00



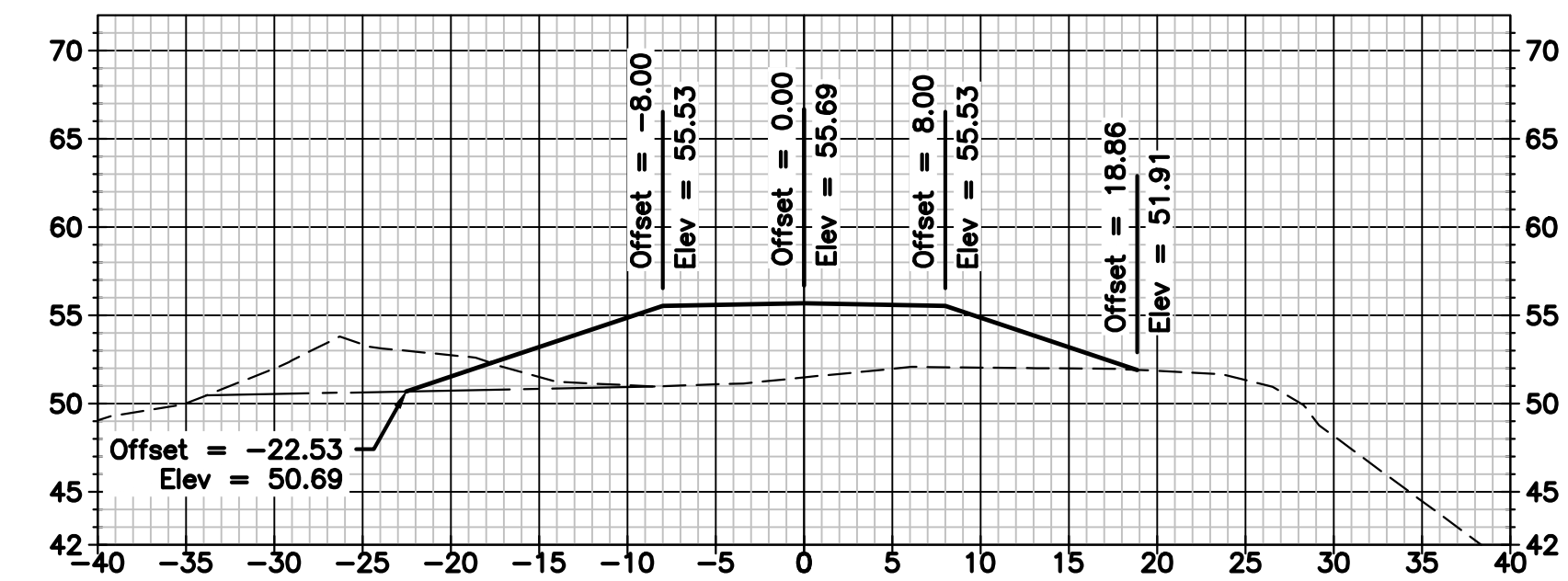
47+00.00



48+50.00



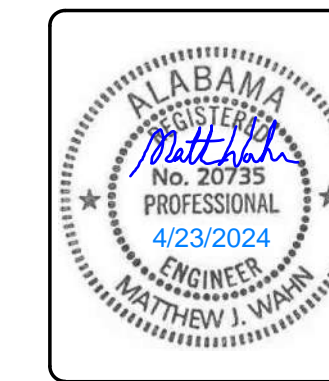
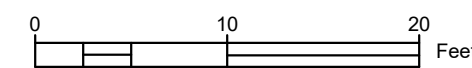
50+00.00



LEGEND

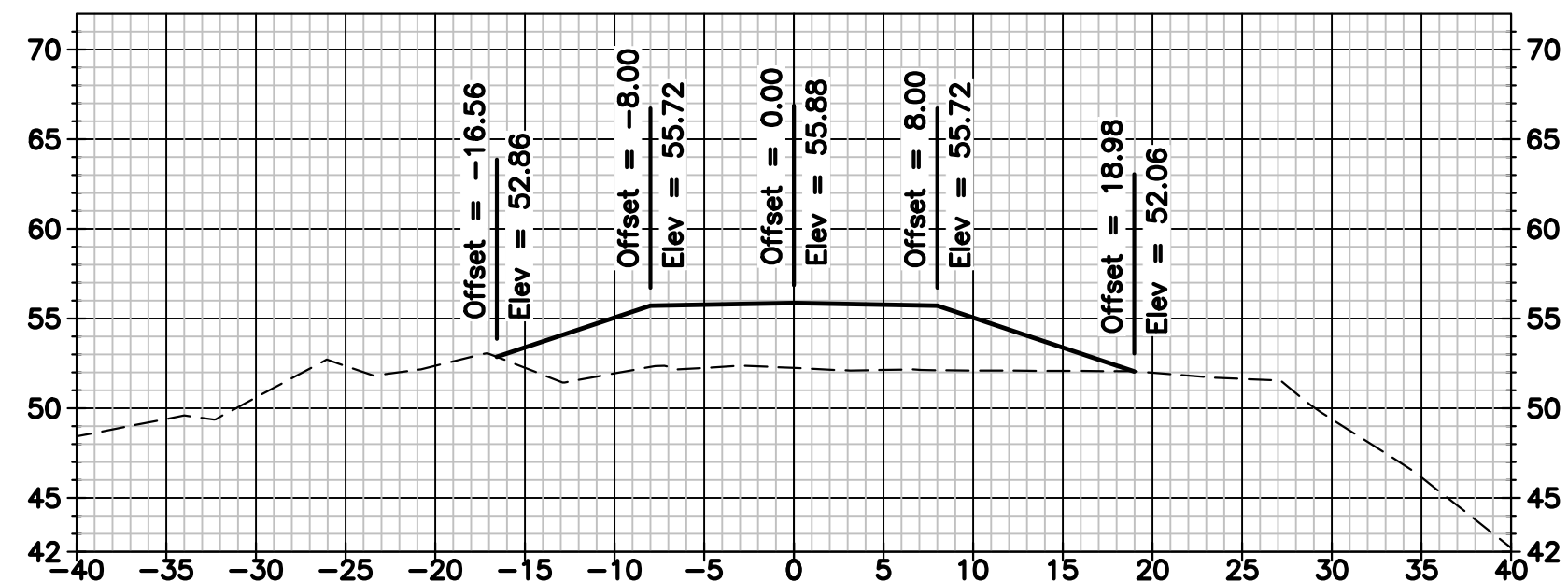
- EXISTING GROUND
- - - ASSUMED EXISTING GROUND AT TIME OF CONSTRUCTION
- FINISHED GRADE

16' WIDE STA. 47+00 TO 51+00

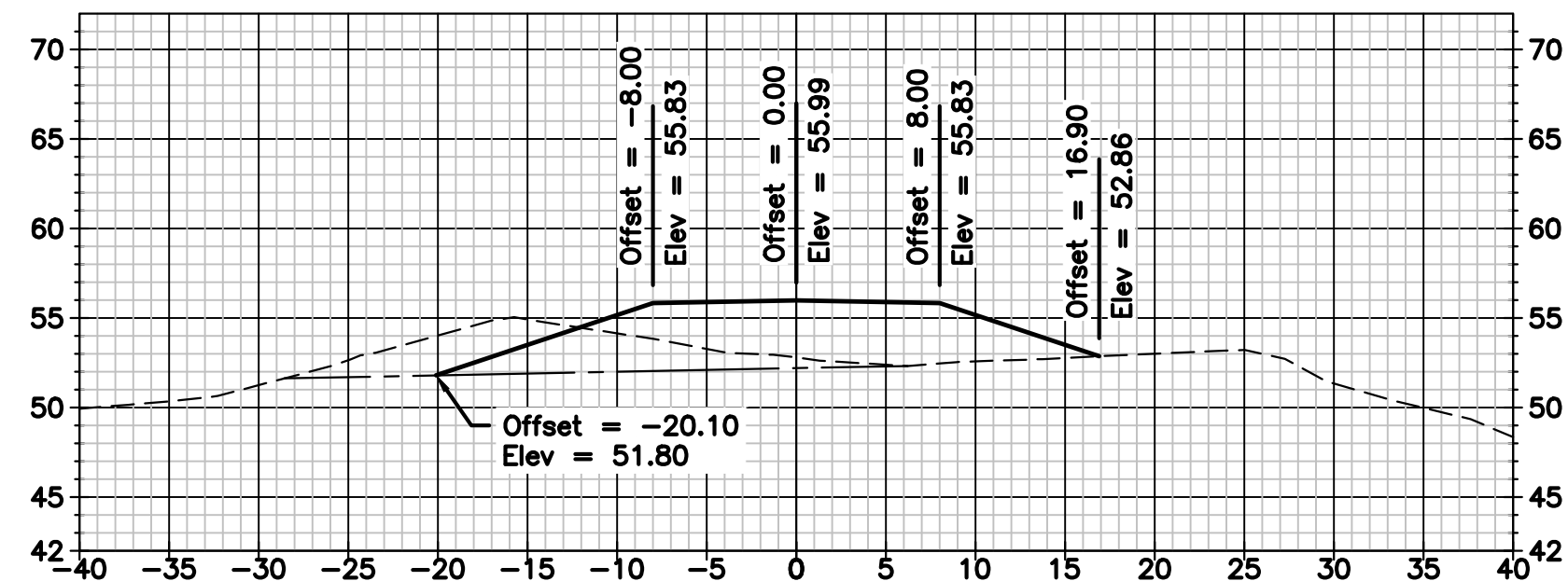


0	ISSUE FOR BID	04-24-24	MW
Mark	Description	Date	Appr.
ALABAMA STATE PORT AUTHORITY MOBILE, ALABAMA PROJECT NO.: 11363, TASK 1			
thompson ENGINEERING 2970 COTTAGE HILL ROAD, SUITE 190 MOBILE, ALABAMA 36606 (251)666-2443			
ASPA WEST MUD LAKE DIKE RAISING			
CROSS SECTIONS			
Date:	Designed by:	Drawn by:	TE Job No.:
04-24-24	N/A	SSC	23-1101-0215
Ckd by:	Reviewed by:	Submitted by:	Scale:
MW	MCR	MW	
Sheet No. C908			Rev. 0

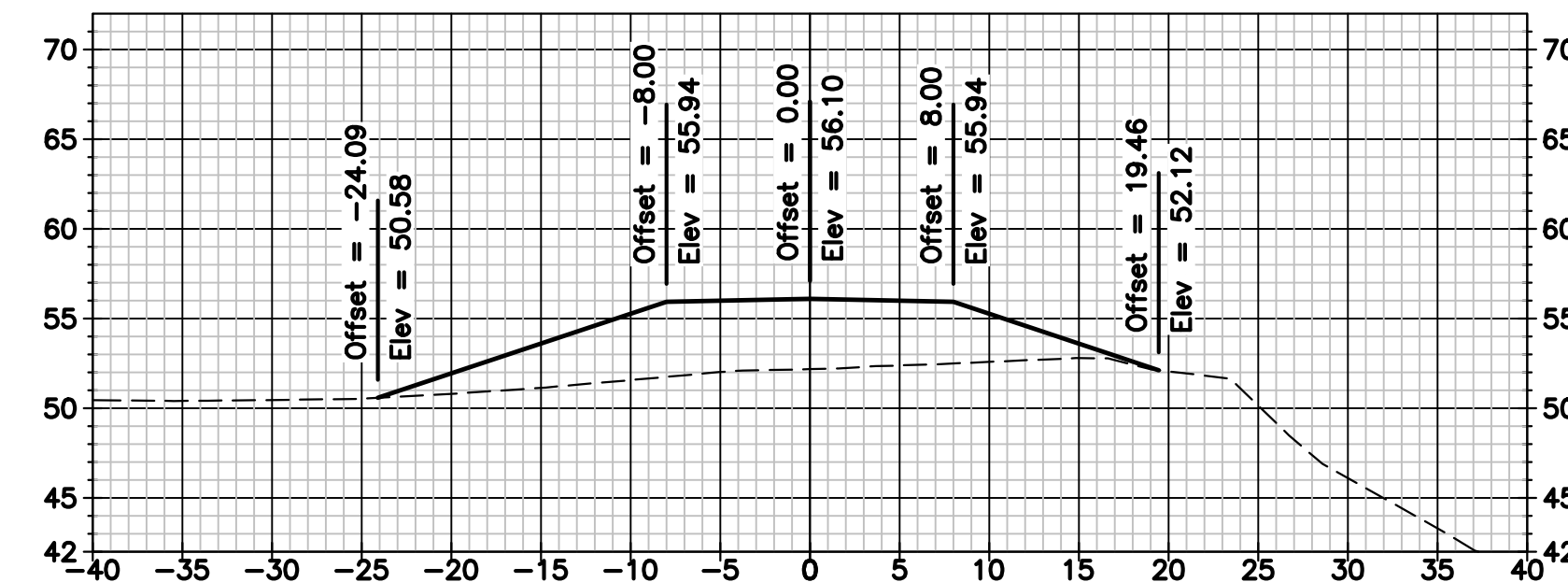
52+50.00



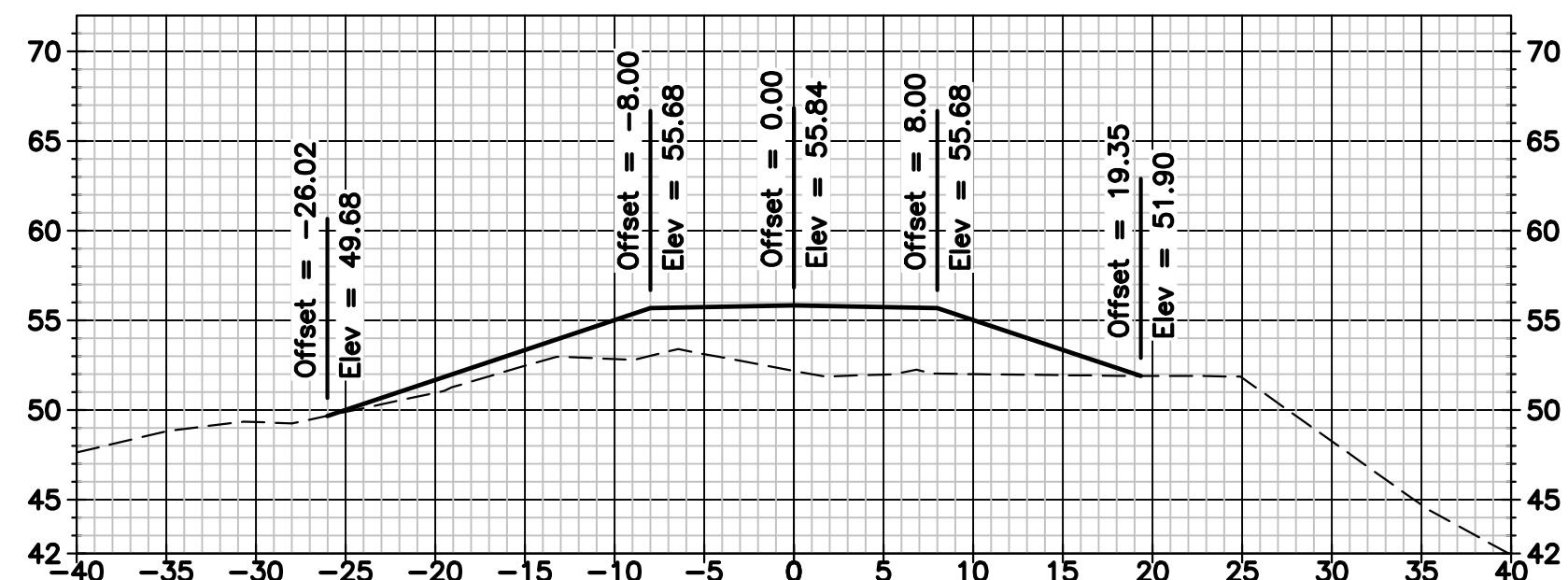
54+00.00



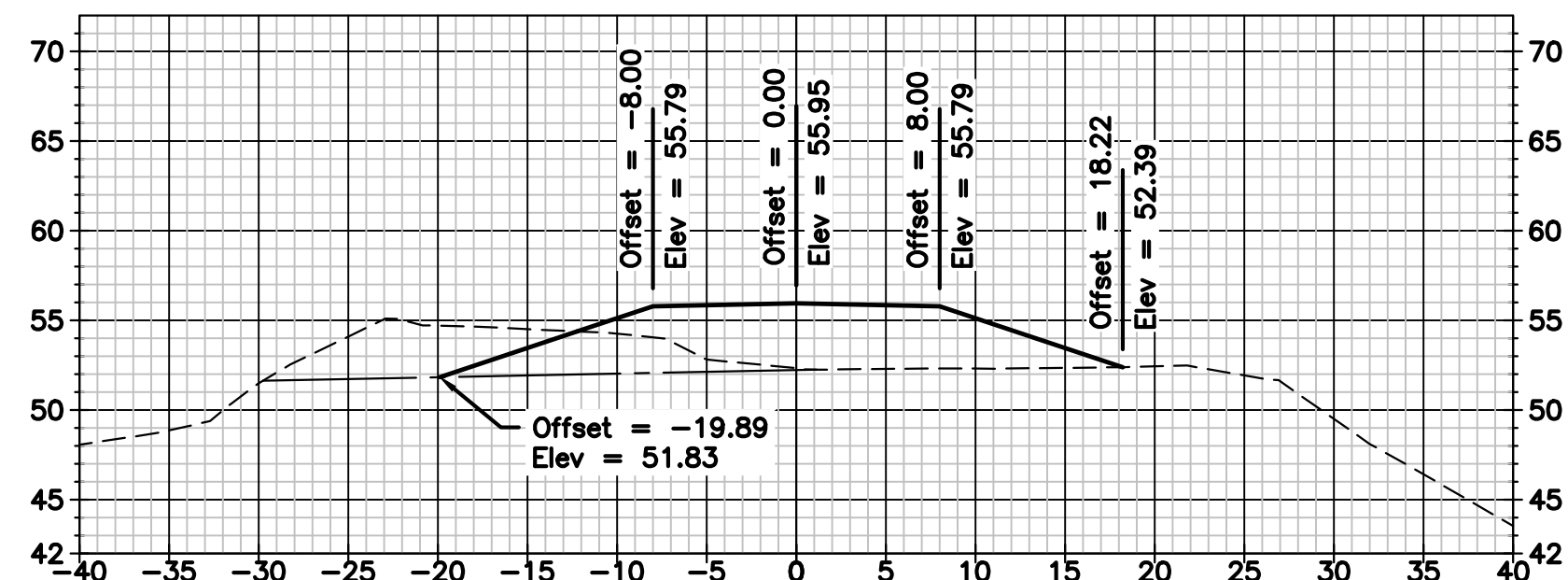
55+50.00



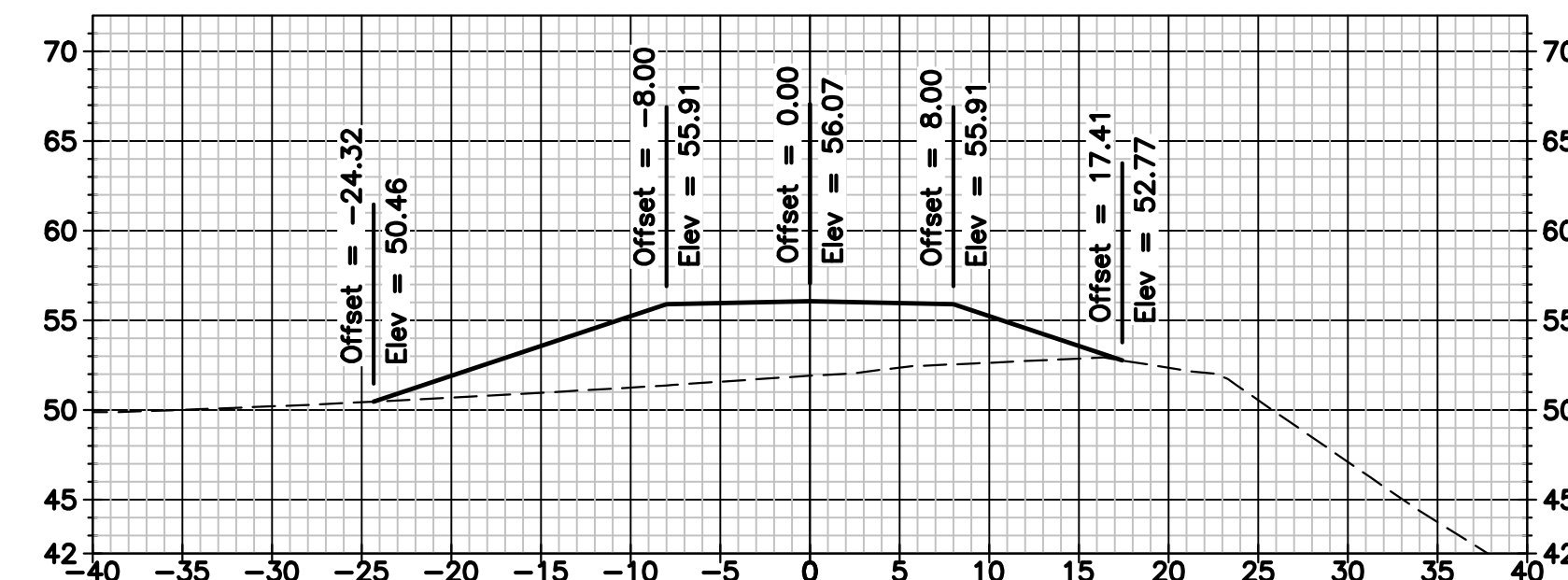
52+00.00



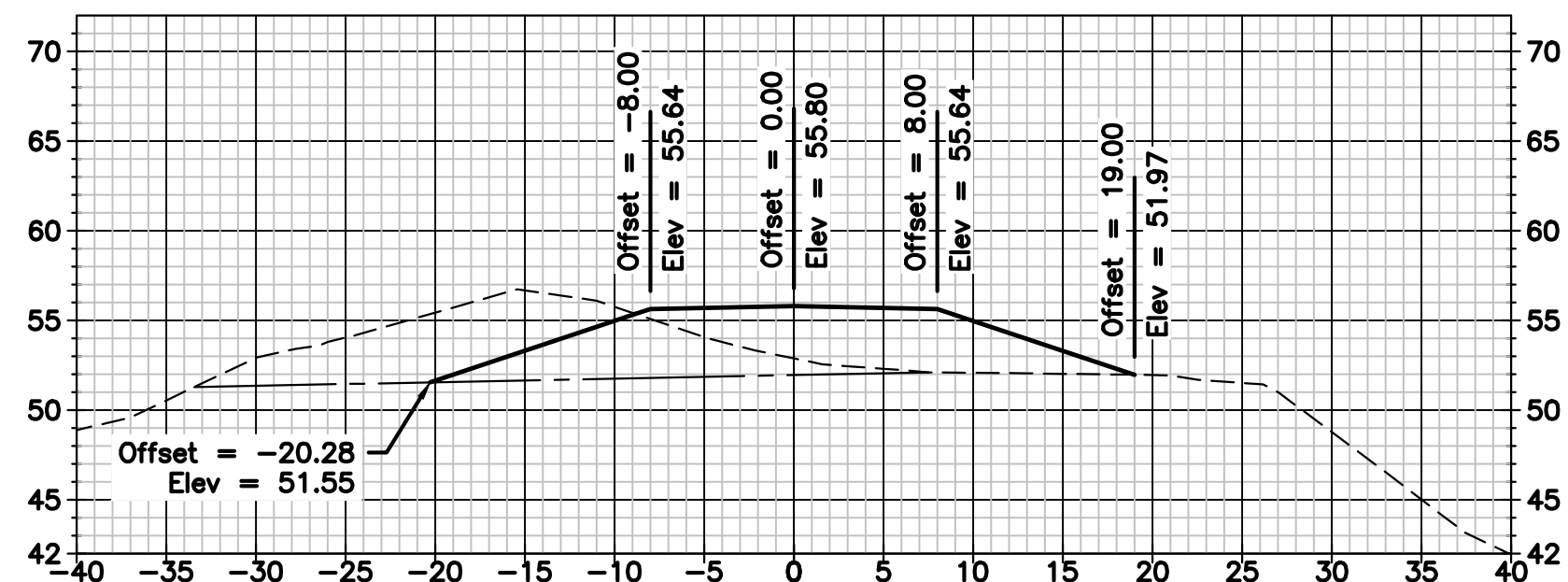
53+50.00



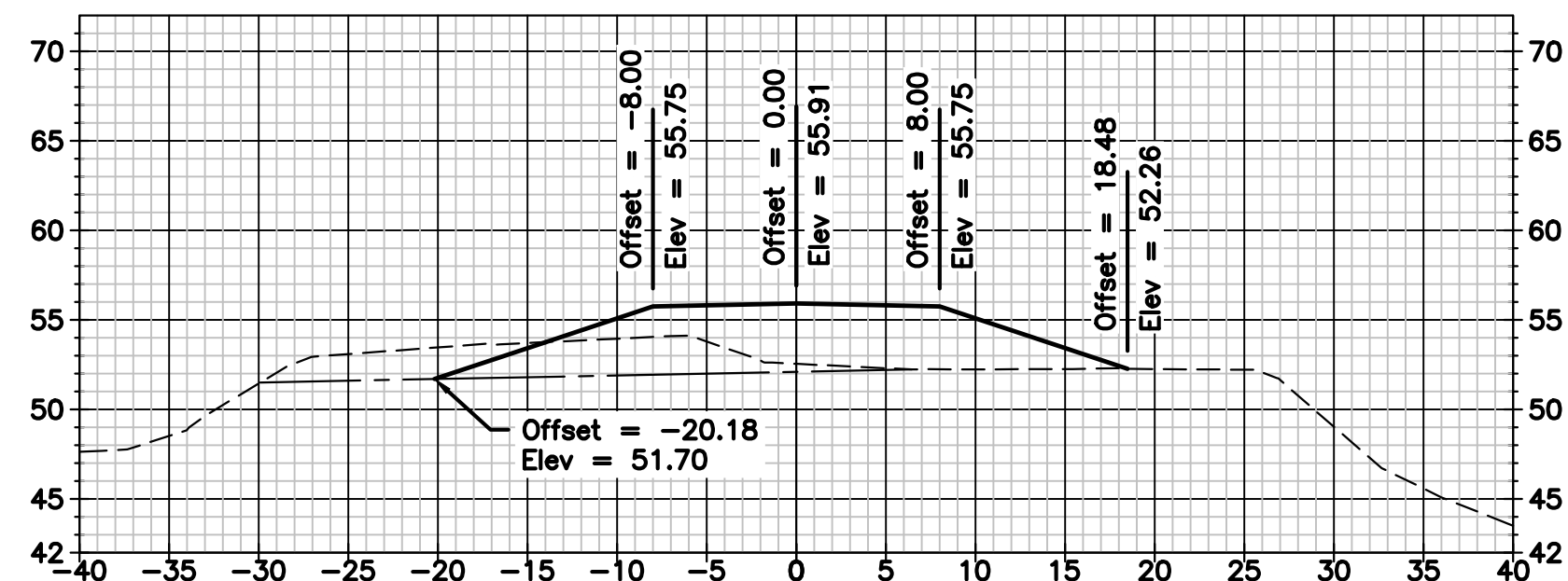
55+00.00



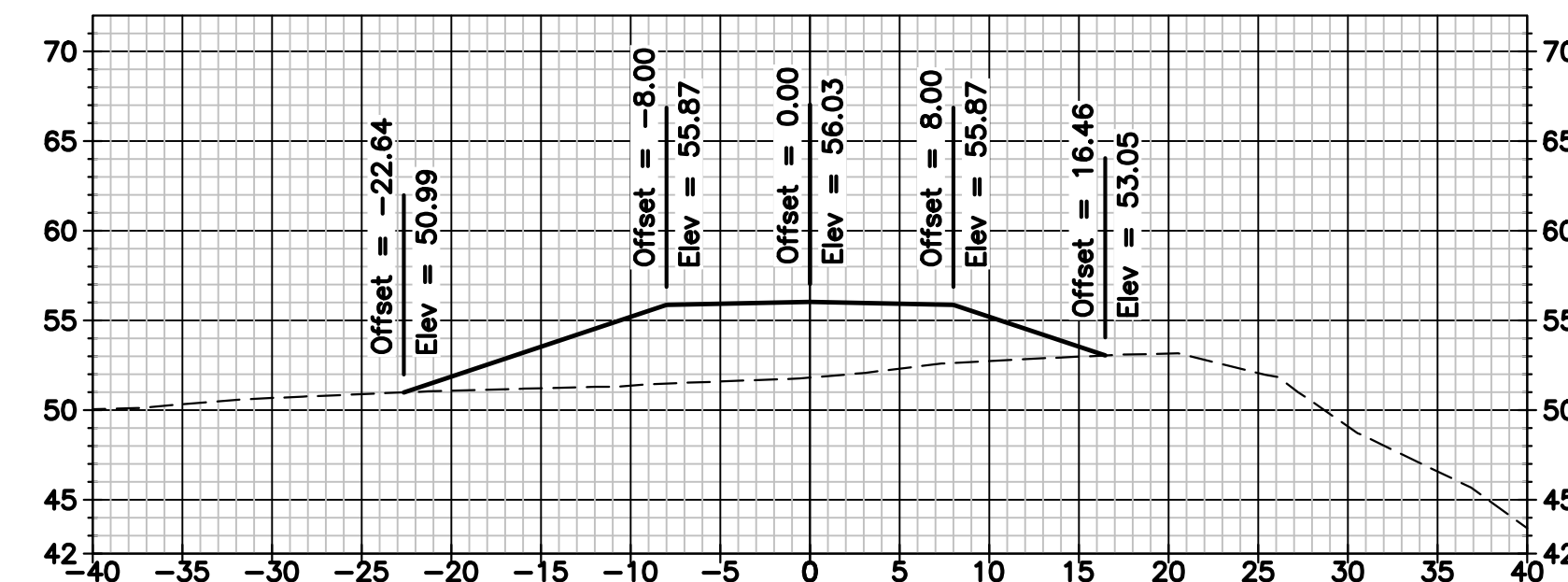
51+50.00



53+00.00



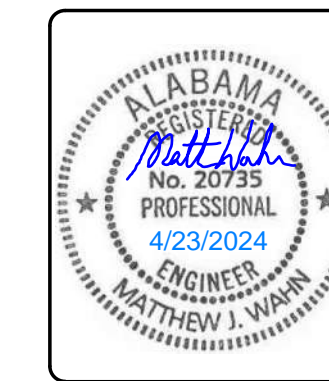
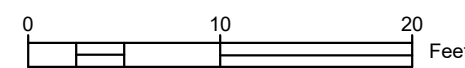
54+50.00



LEGEND

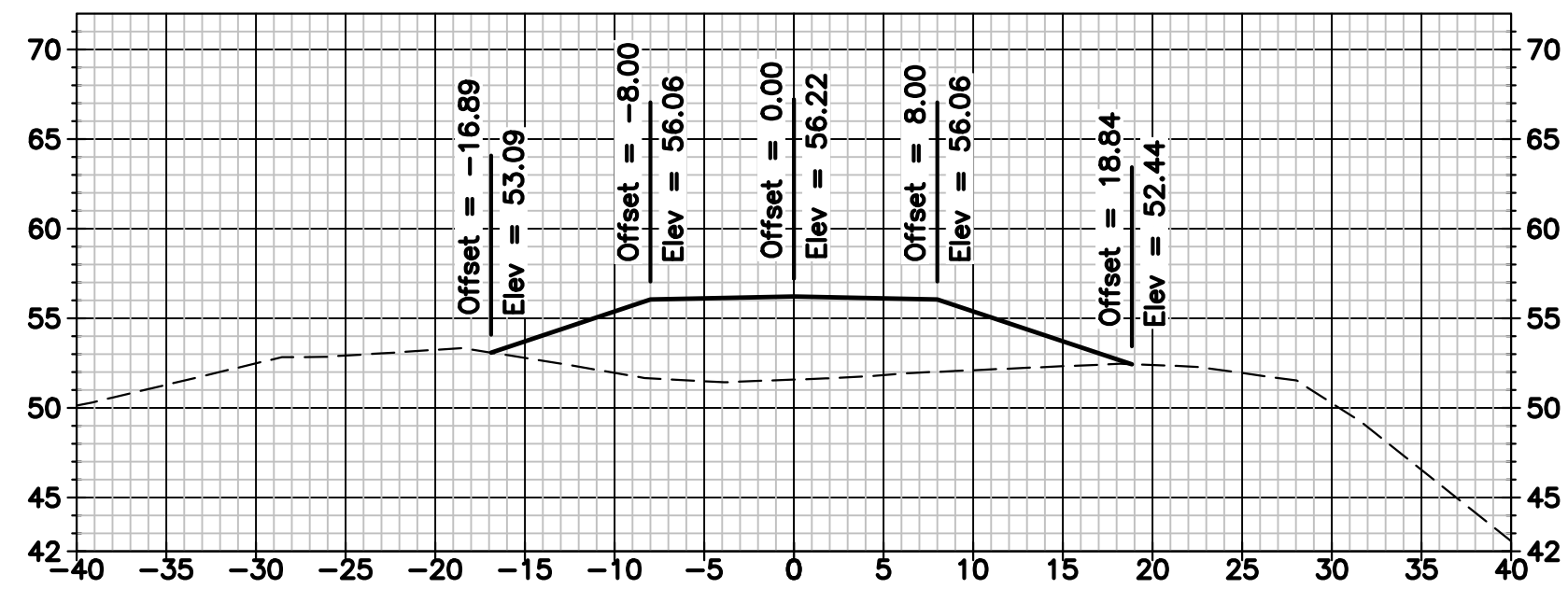
- EXISTING GROUND
- - - ASSUMED EXISTING GROUND AT TIME OF CONSTRUCTION
- FINISHED GRADE

16' WIDE STA. 51+50 TO 55+50

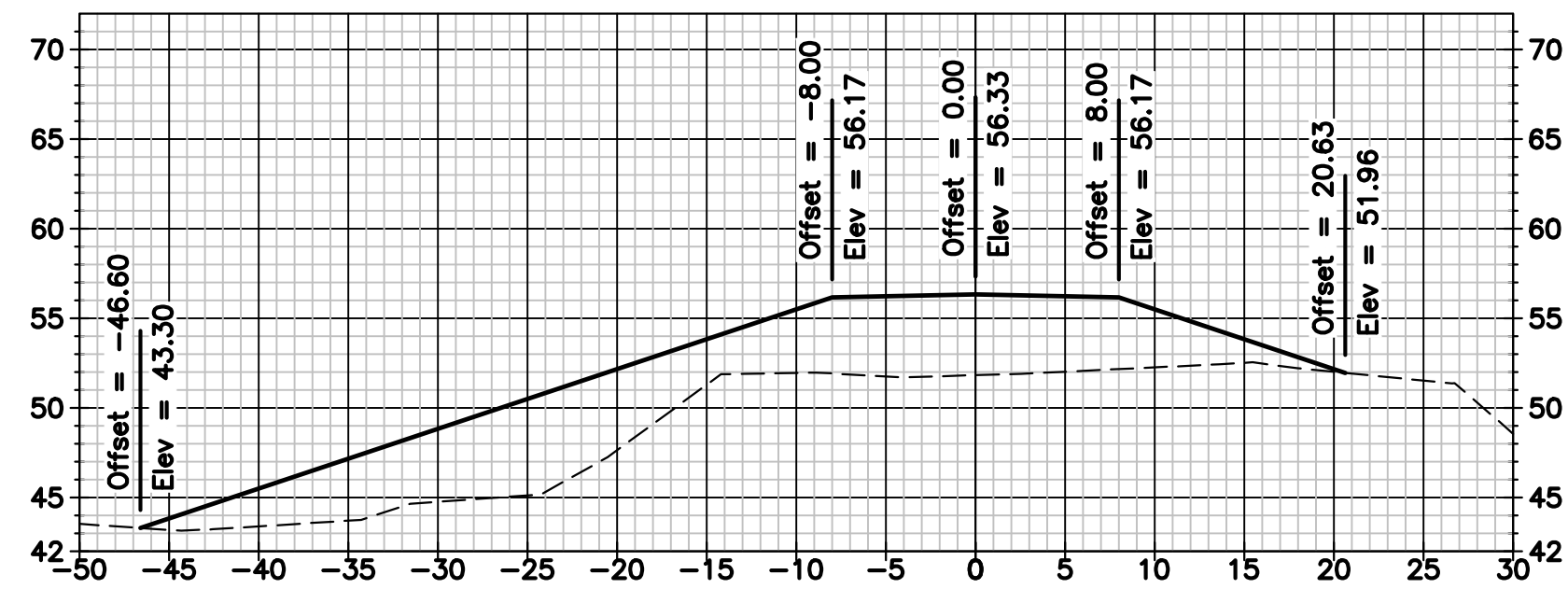


0	ISSUE FOR BID	04-24-24	MW
Mark	Description	Date	Appr.
ALABAMA STATE PORT AUTHORITY MOBILE, ALABAMA PROJECT NO.: 11363, TASK 1 thompson ENGINEERING 2970 COTTAGE HILL ROAD, SUITE 190 MOBILE, ALABAMA 36606 (251)666-2443			
ASPA WEST MUD LAKE DIKE RAISING			
CROSS SECTIONS			
Date:	Designed by:	Drawn by:	TE Job No.:
04-24-24	N/A	SSC	23-1101-0215
Ckd by:	Reviewed by:	Submitted by:	Scale:
MW	MCR	MW	
Sheet No.			Rev.
C909			0

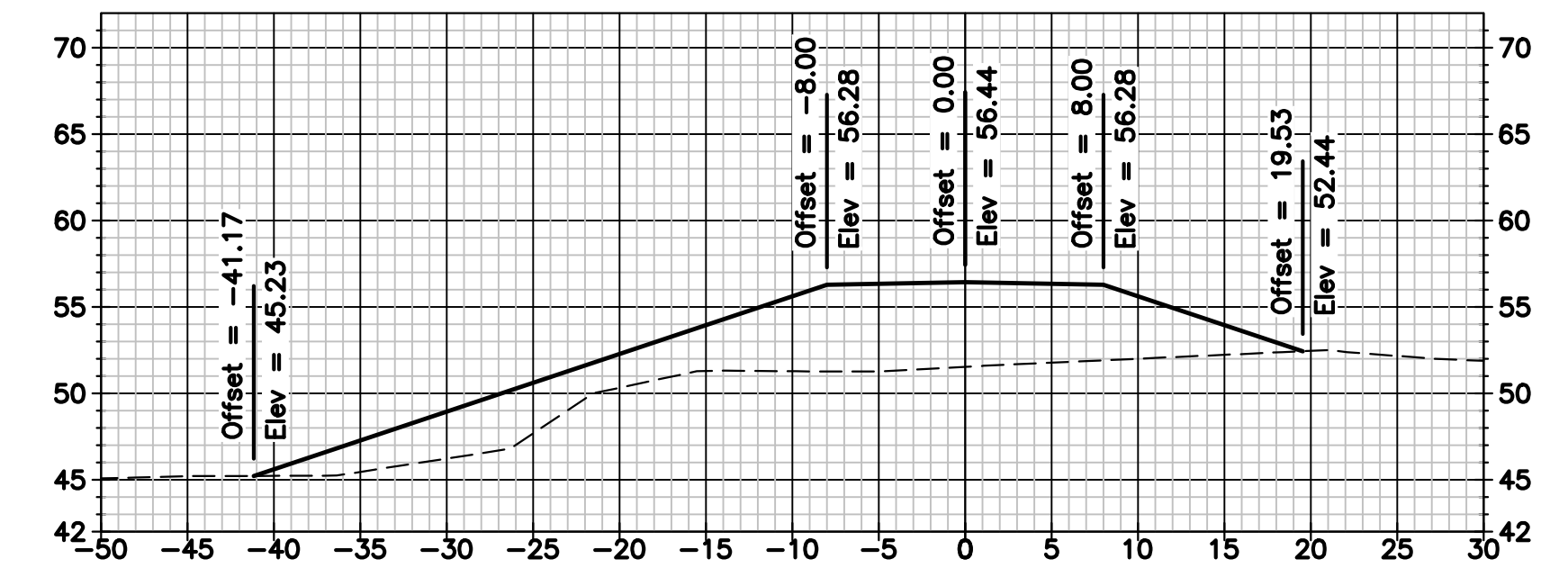
57+00.00



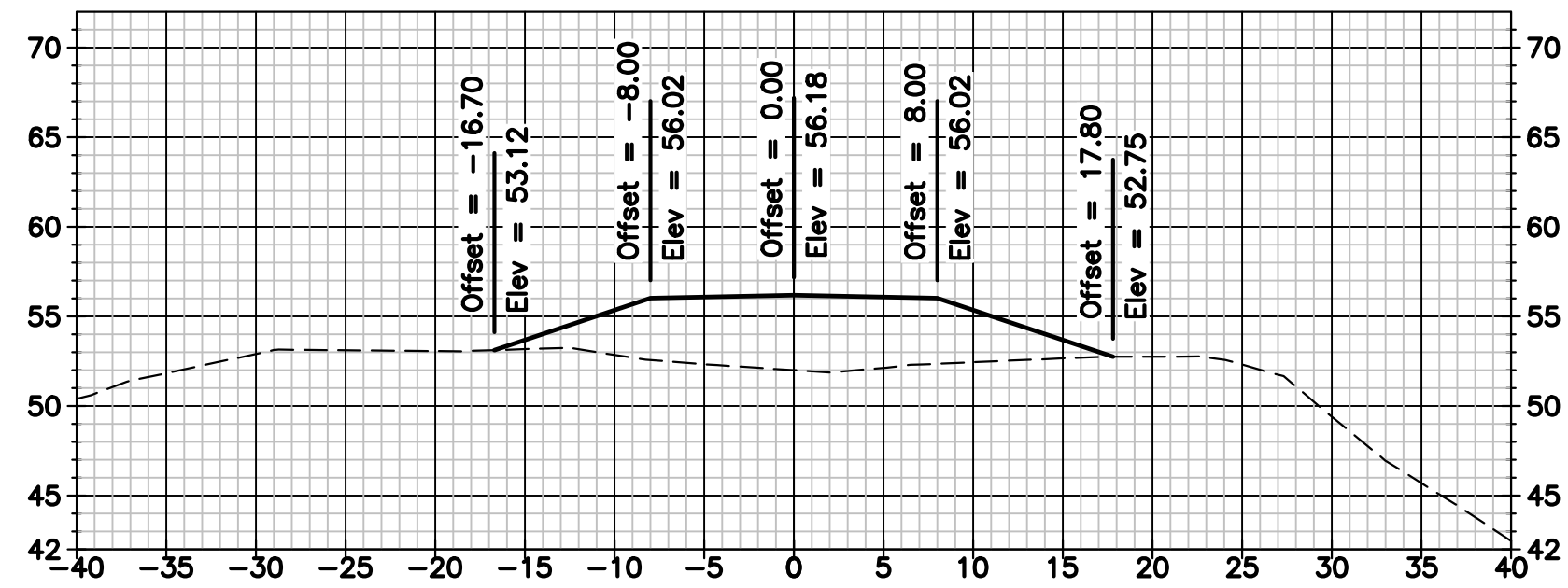
58+50.00



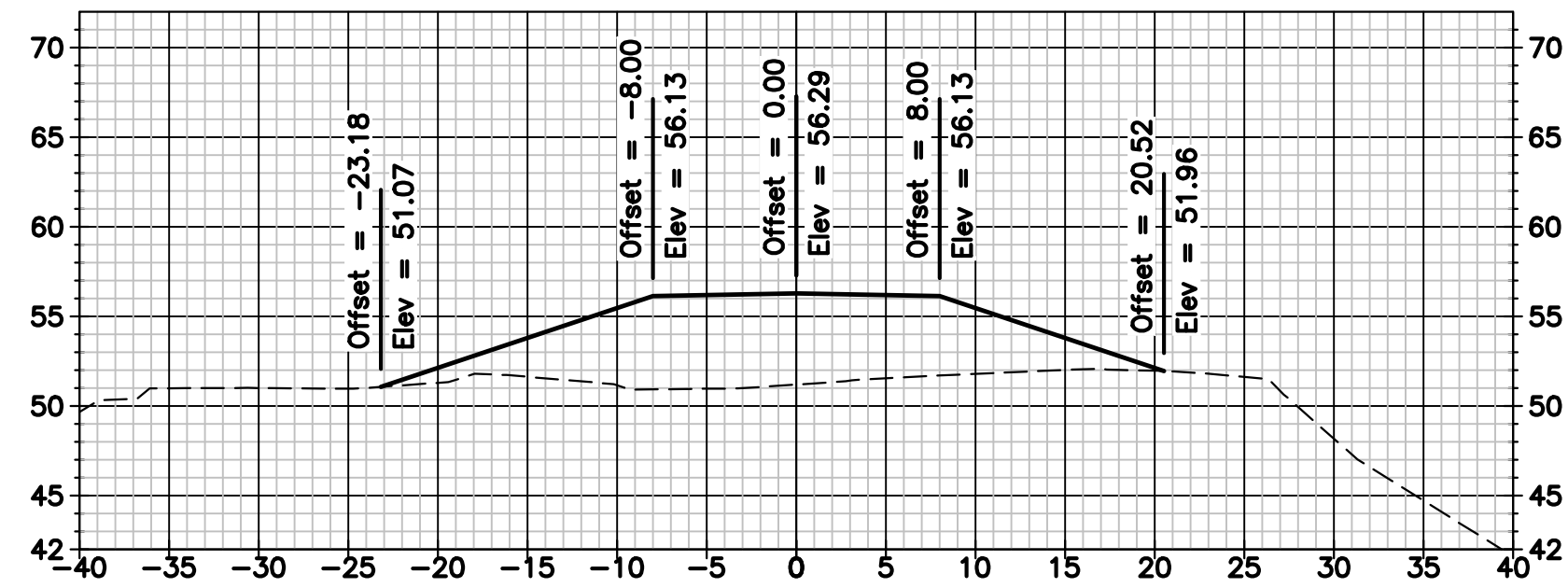
60+00.00



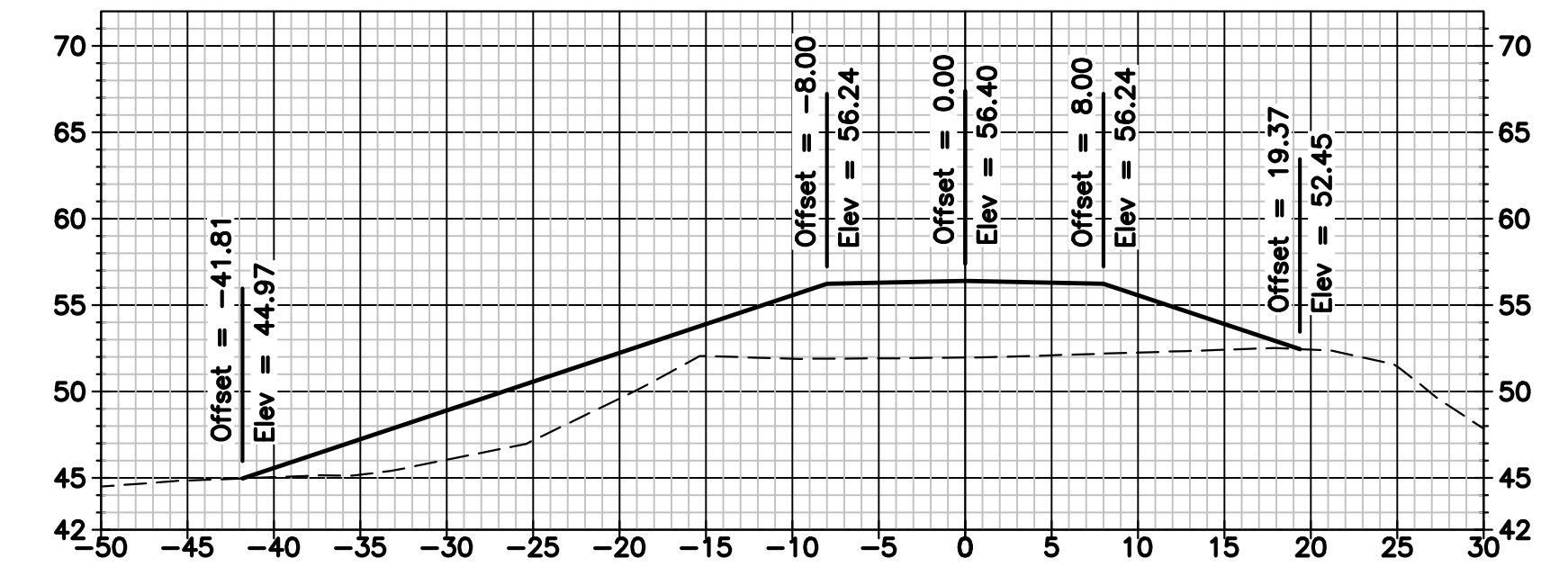
56+50.00



58+00.00



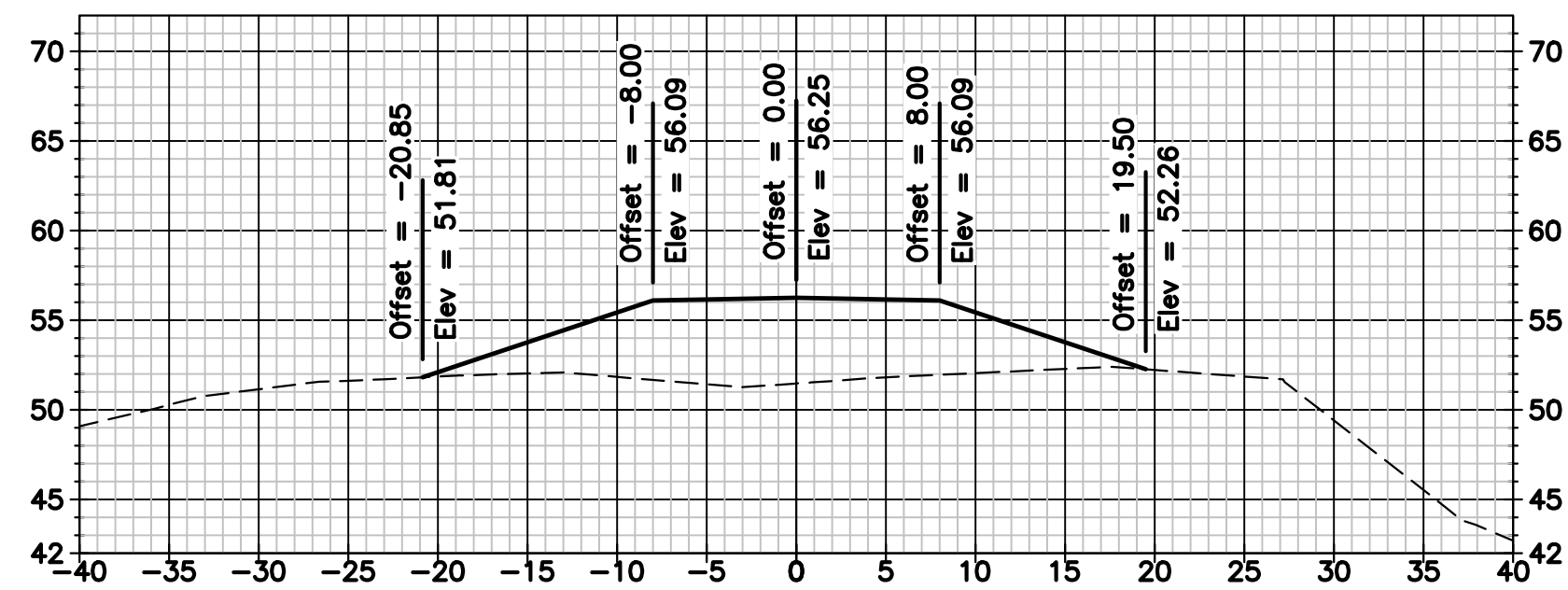
59+50.00



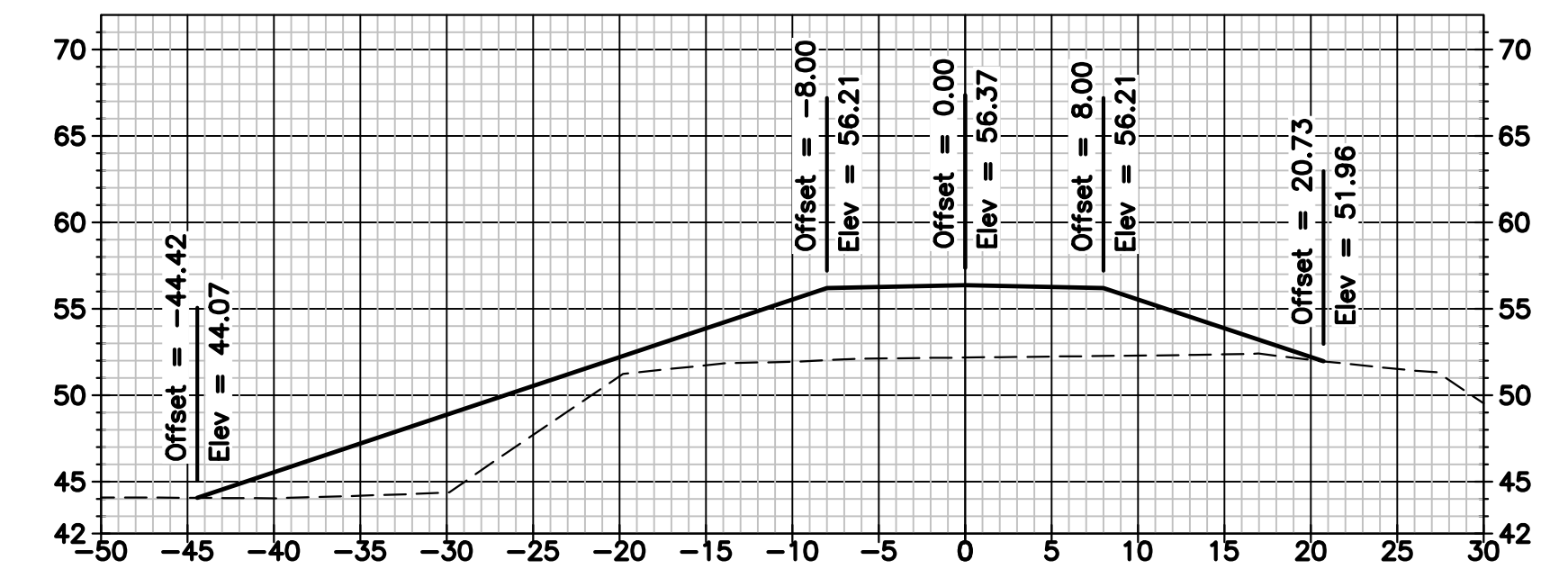
56+00.00



57+50.00



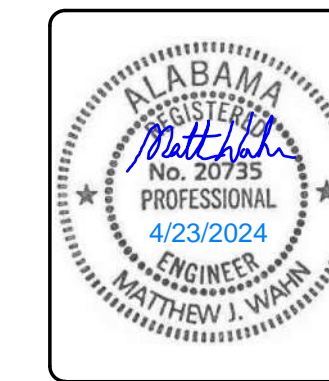
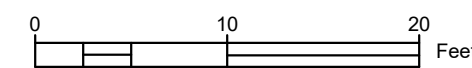
59+00.00



LEGEND

- EXISTING GROUND
- - - ASSUMED EXISTING GROUND AT TIME OF CONSTRUCTION
- FINISHED GRADE

16' WIDE STA. 56+00 TO 60+00



0	ISSUE FOR BID	04-24-24	MW
Mark	Description	Date	Appr.

ALABAMA STATE PORT AUTHORITY
MOBILE, ALABAMA
PROJECT NO.: 11363, TASK 1

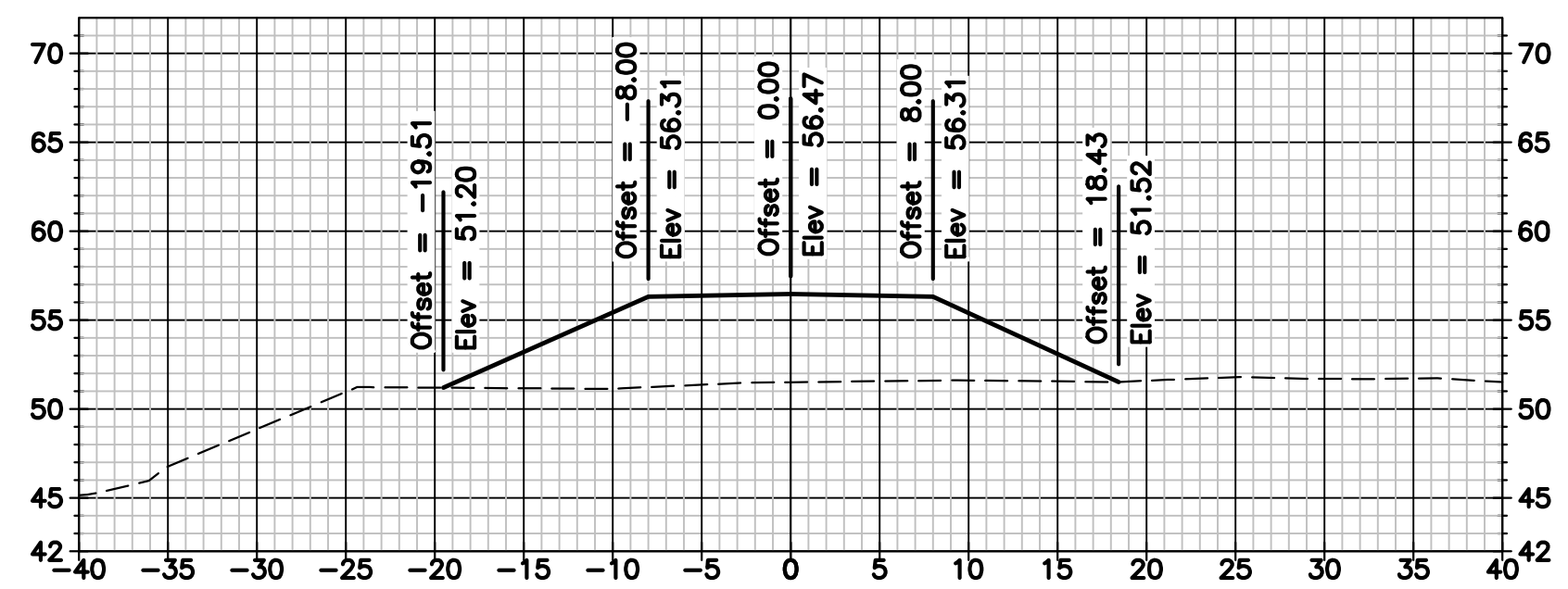
thompson ENGINEERING
2970 COTTAGE HILL ROAD, SUITE 190
MOBILE, ALABAMA 36606
(251)666-2443

ASPA WEST MUD LAKE DIKE RAISING

CROSS SECTIONS

Date:	Designed by:	Drawn by:	TE Job No.:	Sheet No.:	Rev.:
04-24-24	N/A	SSC	23-1101-0215	C910	0
Ckd by:	Reviewed by:	Submitted by:	Scale:		
MW	MCR	MW			

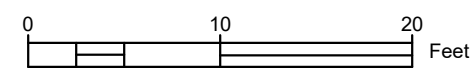
60+50.00



LEGEND

- EXISTING GROUND
- - - - - ASSUMED EXISTING GROUND AT TIME OF CONSTRUCTION
- FINISHED GRADE

16' WIDE STA. 60+50



0	ISSUE FOR BID	04-24-24	MW
Mark	Description	Date	Appr.

ALABAMA STATE PORT AUTHORITY
 MOBILE, ALABAMA
 PROJECT NO.: 11363, TASK 1
 2970 COTTAGE HILL ROAD, SUITE 190
 MOBILE, ALABAMA 36606
 (251)666-2443

thompson ENGINEERING

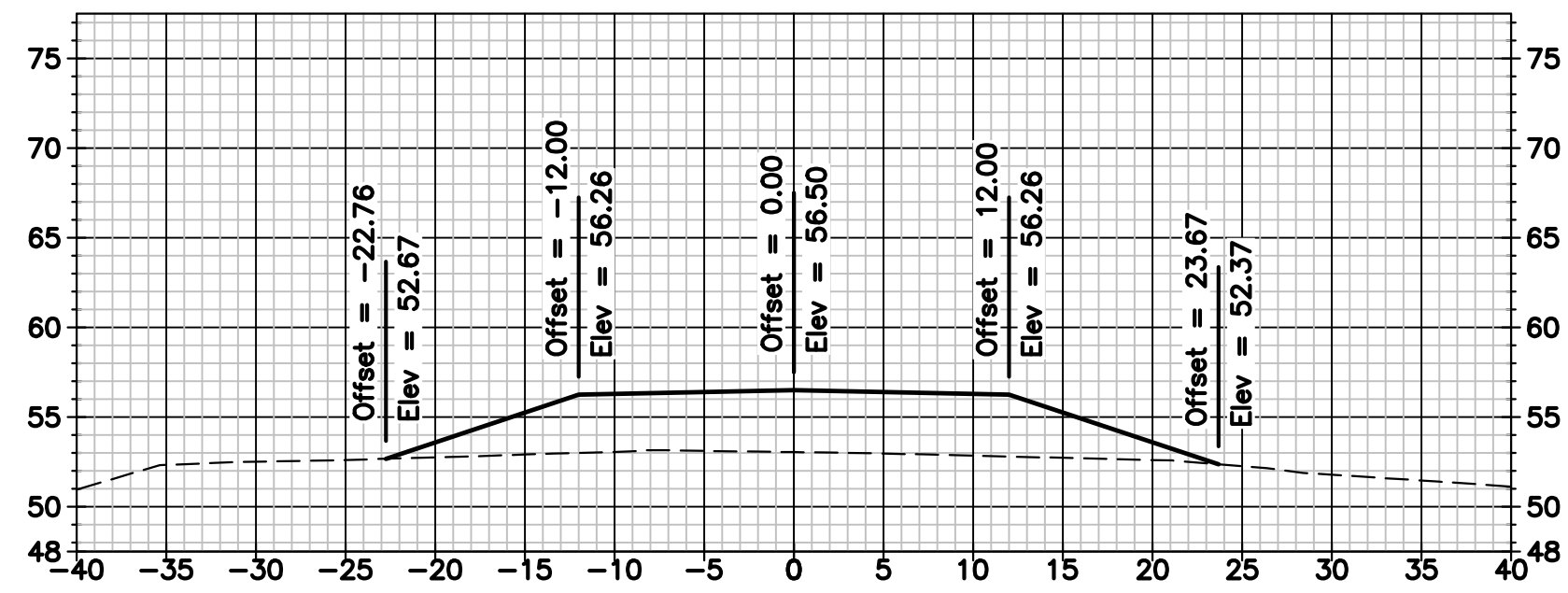
ASPA WEST MUD LAKE DIKE RAISING

CROSS SECTIONS

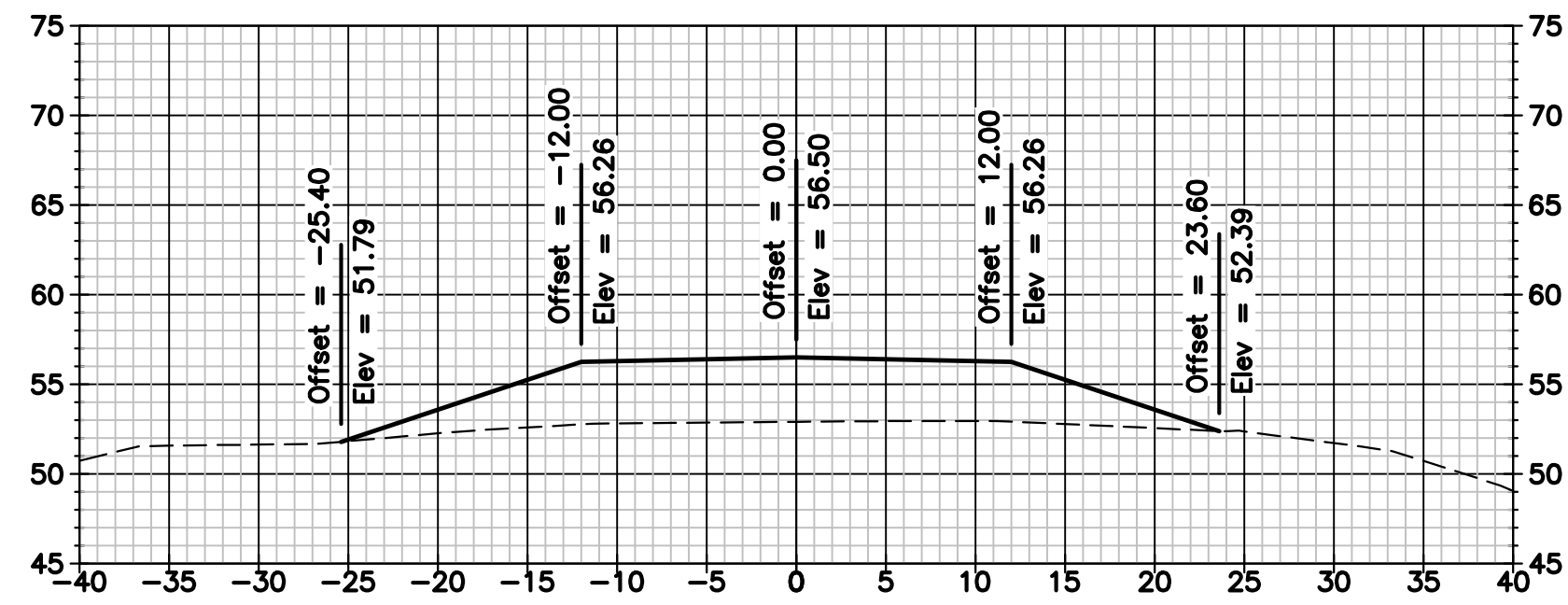


Date:	Designed by:	Drawn by:	TE Job No.:	Sheet No.	Rev.
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Ckd by:	Reviewed by:	Submitted by:	Scale:		
MW	MCR	MW			

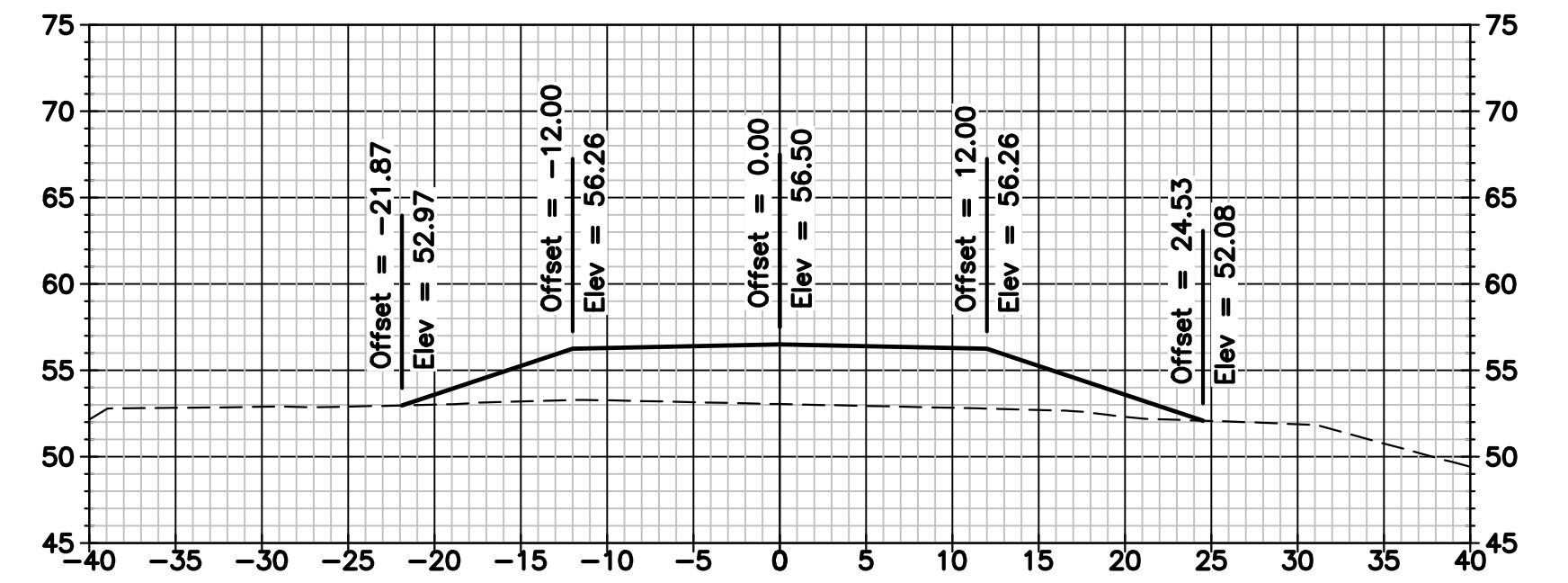
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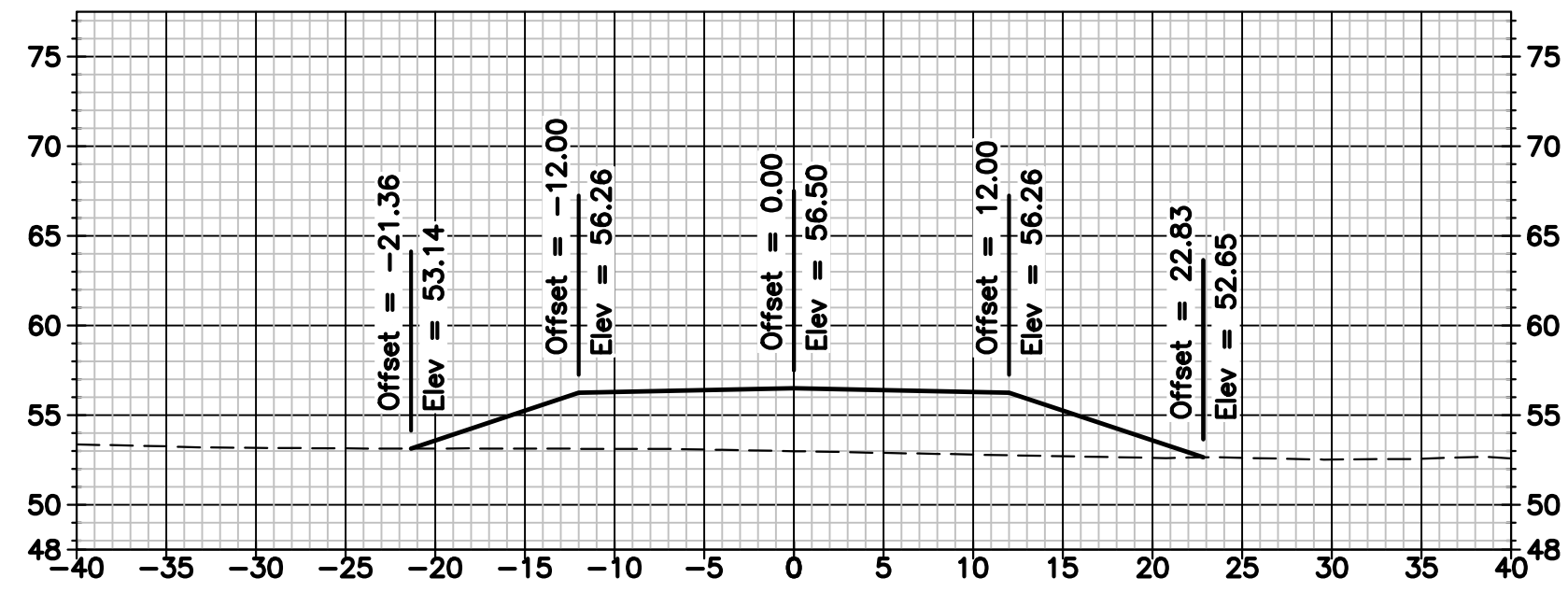
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66+00.00



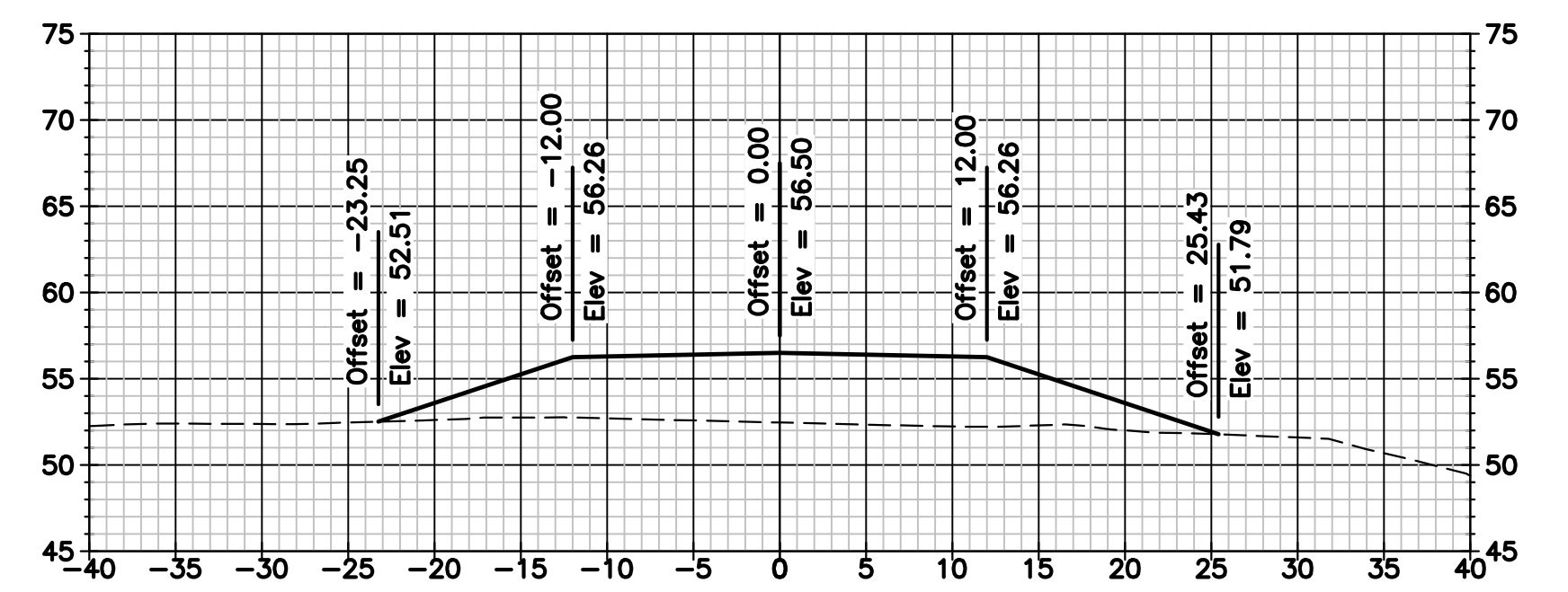
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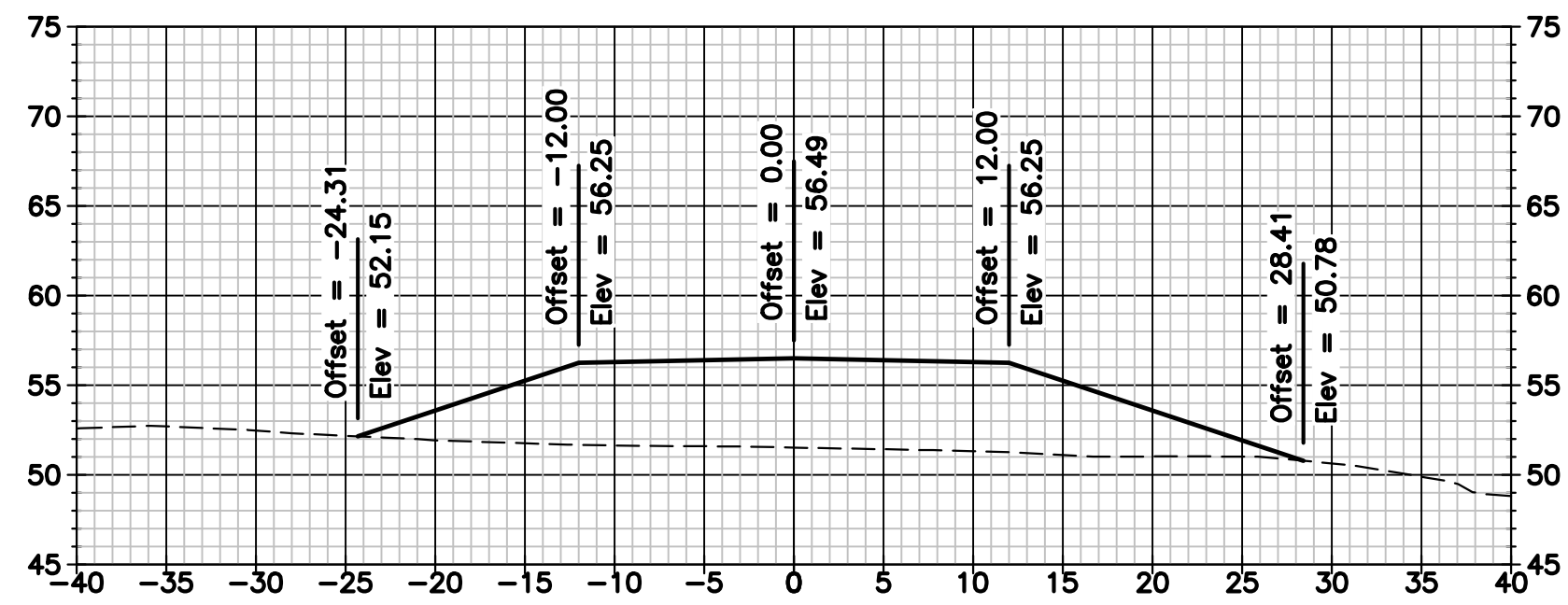
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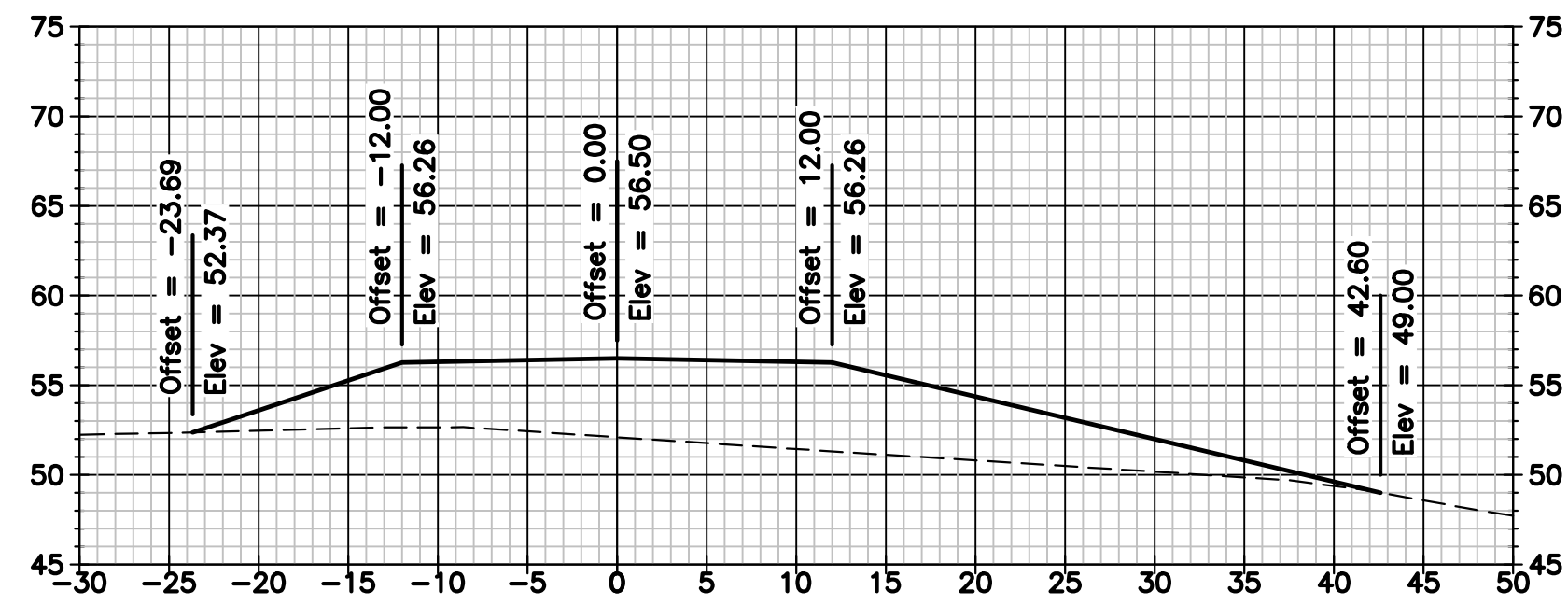
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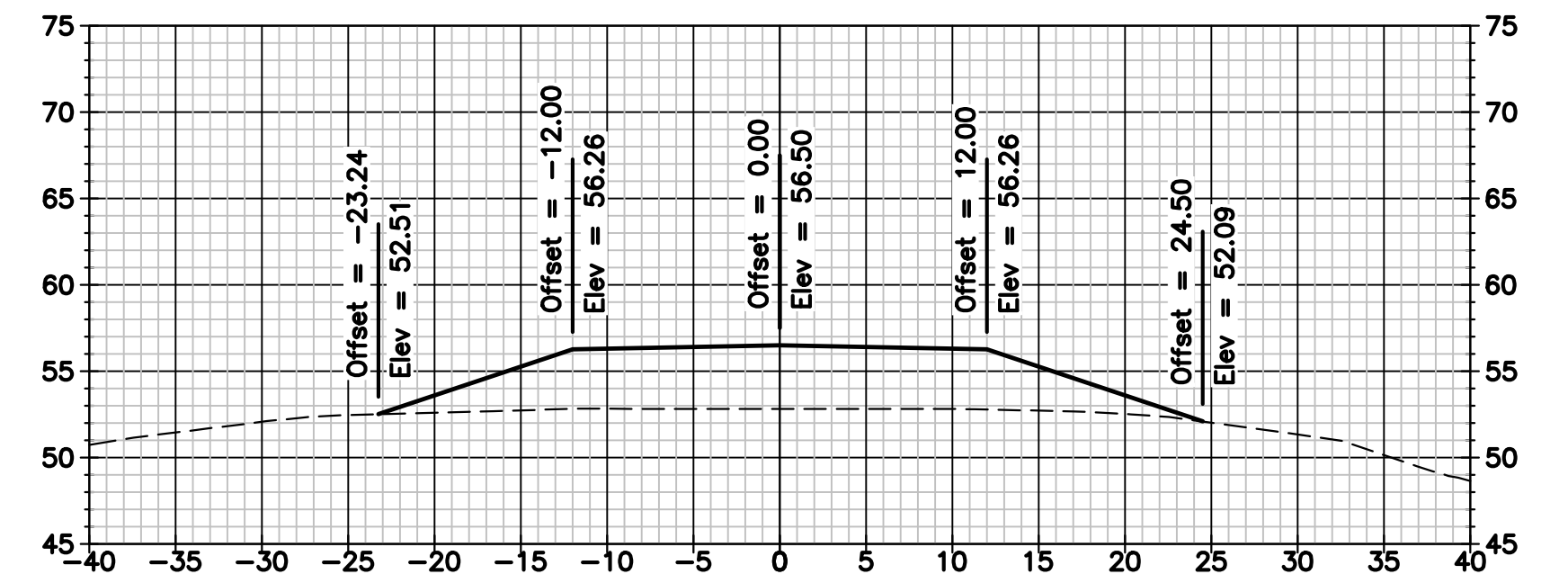
61+00.00



63+50.00



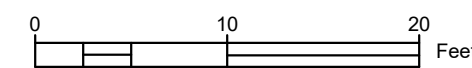
65+00.00



LEGEND

- EXISTING GROUND
- - - ASSUMED EXISTING GROUND AT TIME OF CONSTRUCTION
- FINISHED GRADE

24' WIDE STA. 61+00 TO 66+00



0	ISSUE FOR BID	04-24-24	MW
Mark	Description	Date	Appr.

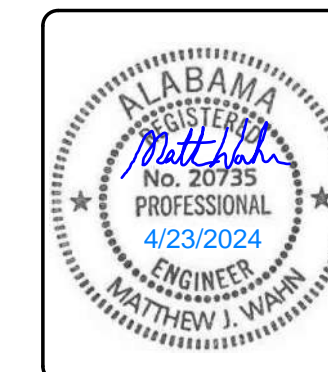
ALABAMA STATE PORT AUTHORITY
MOBILE, ALABAMA
PROJECT NO.: 11363, TASK 1

thompson ENGINEERING
2970 COTTAGE HILL ROAD, SUITE 190
MOBILE, ALABAMA 36606
(251)666-2443

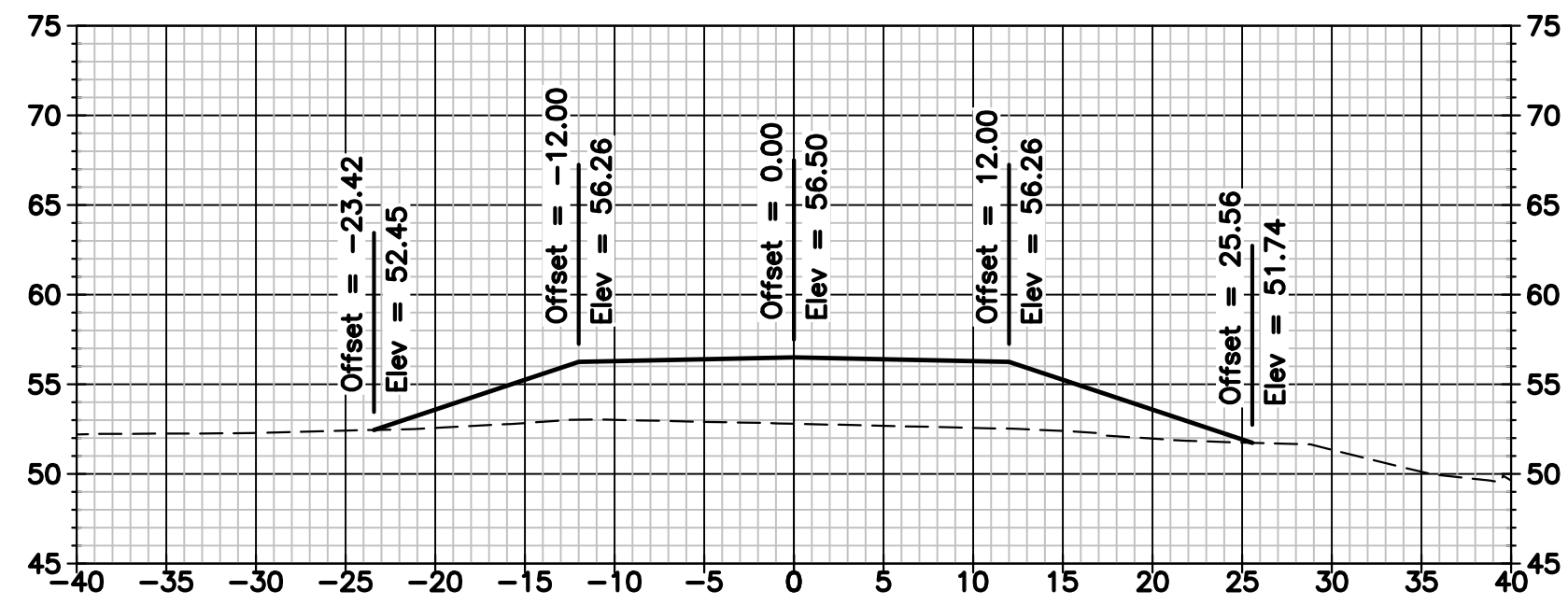
ASPA WEST MUD LAKE DIKE RAISING

CROSS SECTIONS

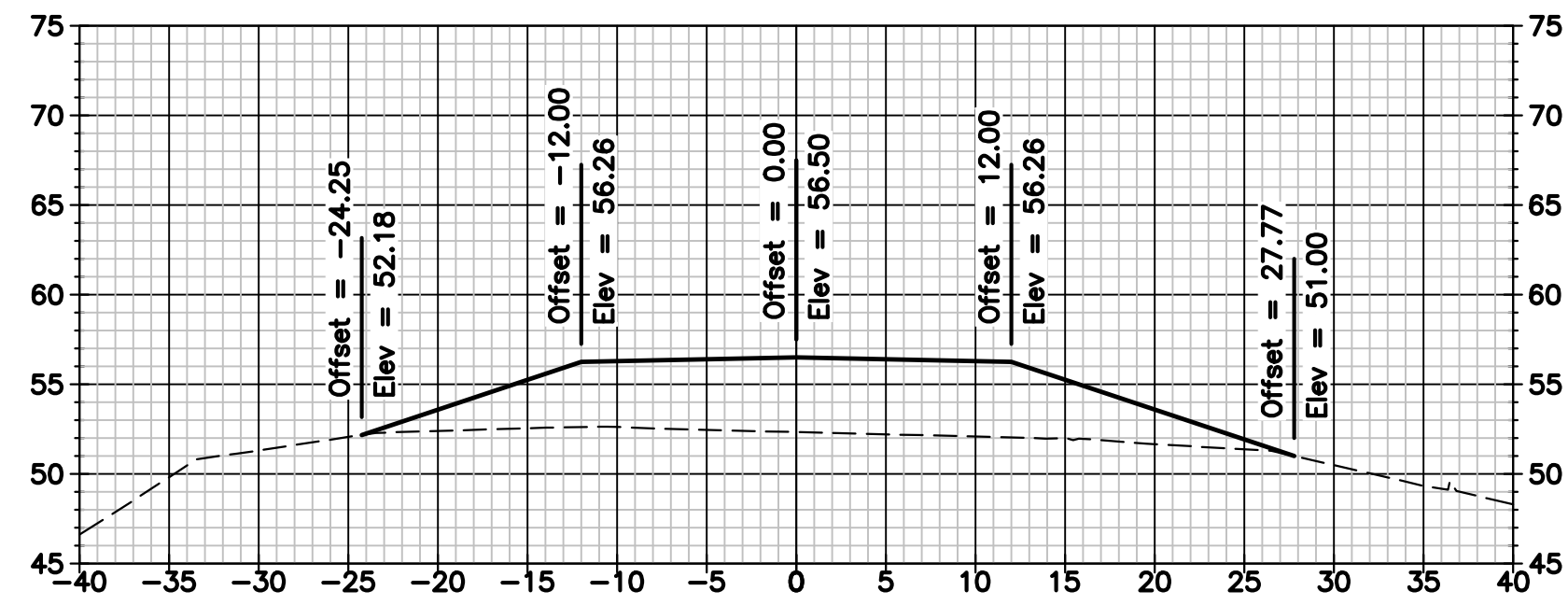
Date:	Designed by:	Drawn by:	TE Job No.:	Sheet No.:	Rev.:
04-24-24	N/A	SSC	23-1101-0215	C912	0
Ckd by:	Reviewed by:	Submitted by:	Scale:		
MW	MCR	MW			



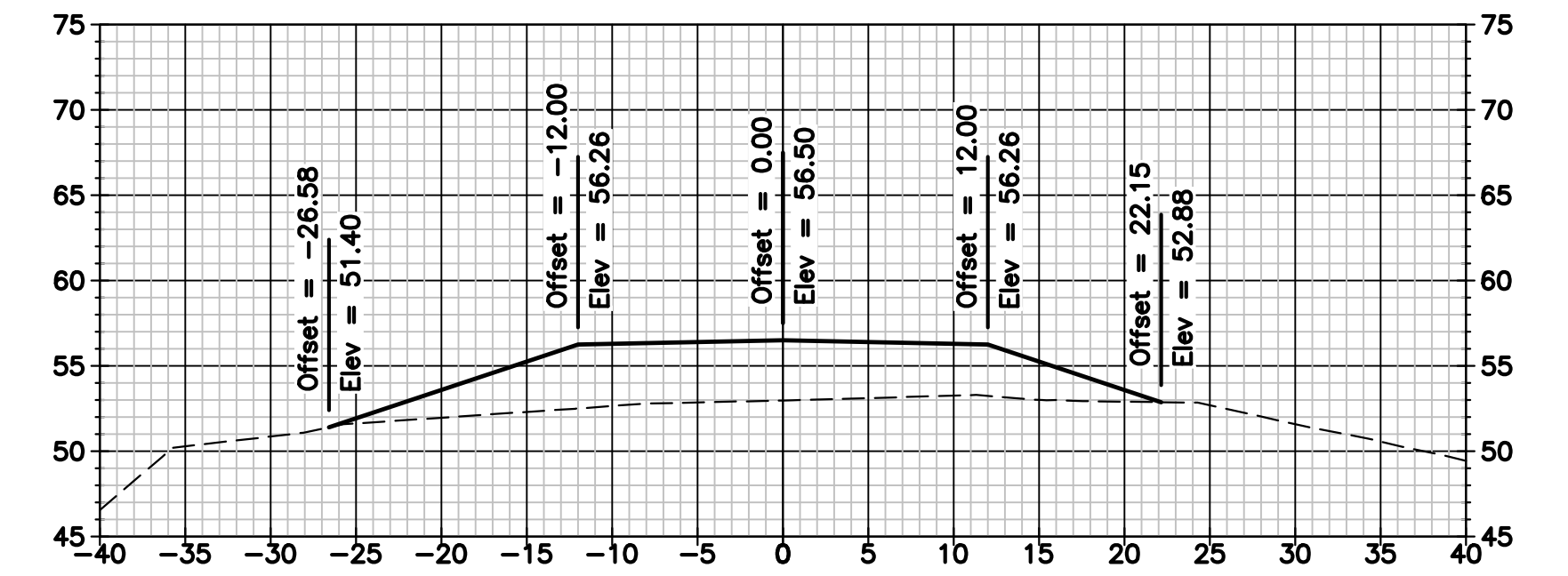
67+50.00



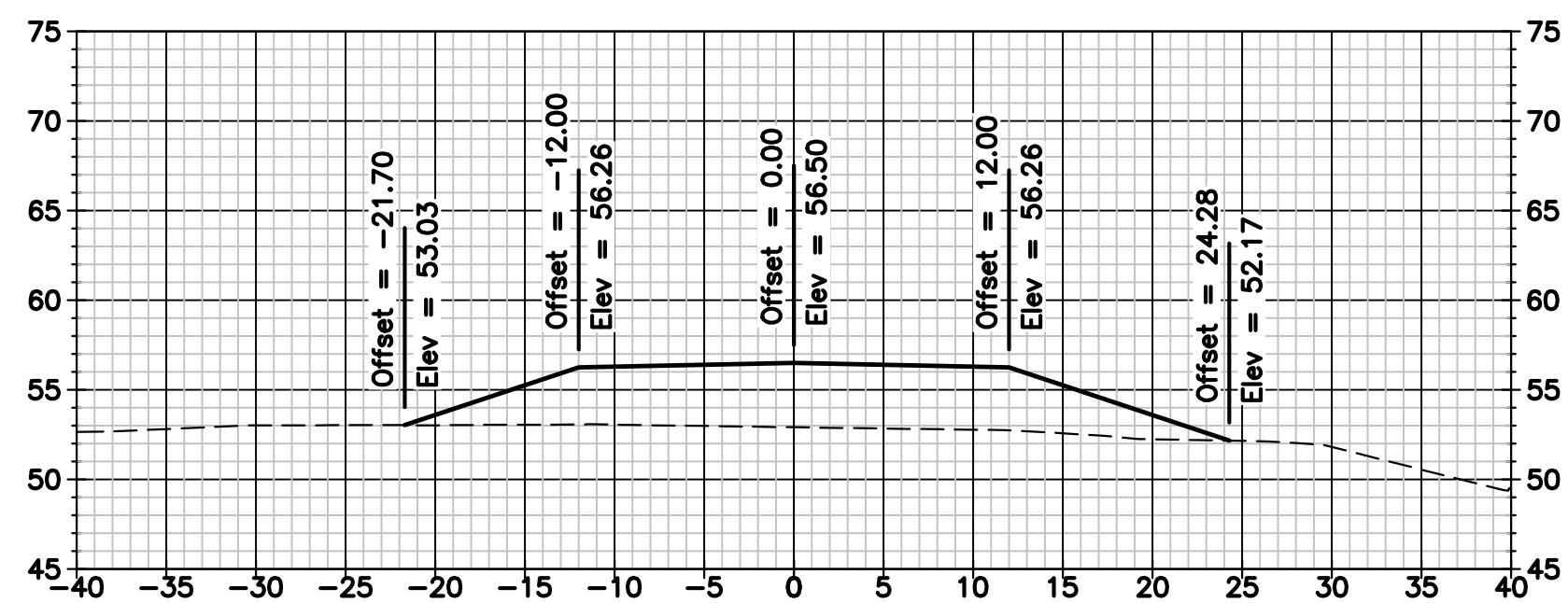
69+00.00



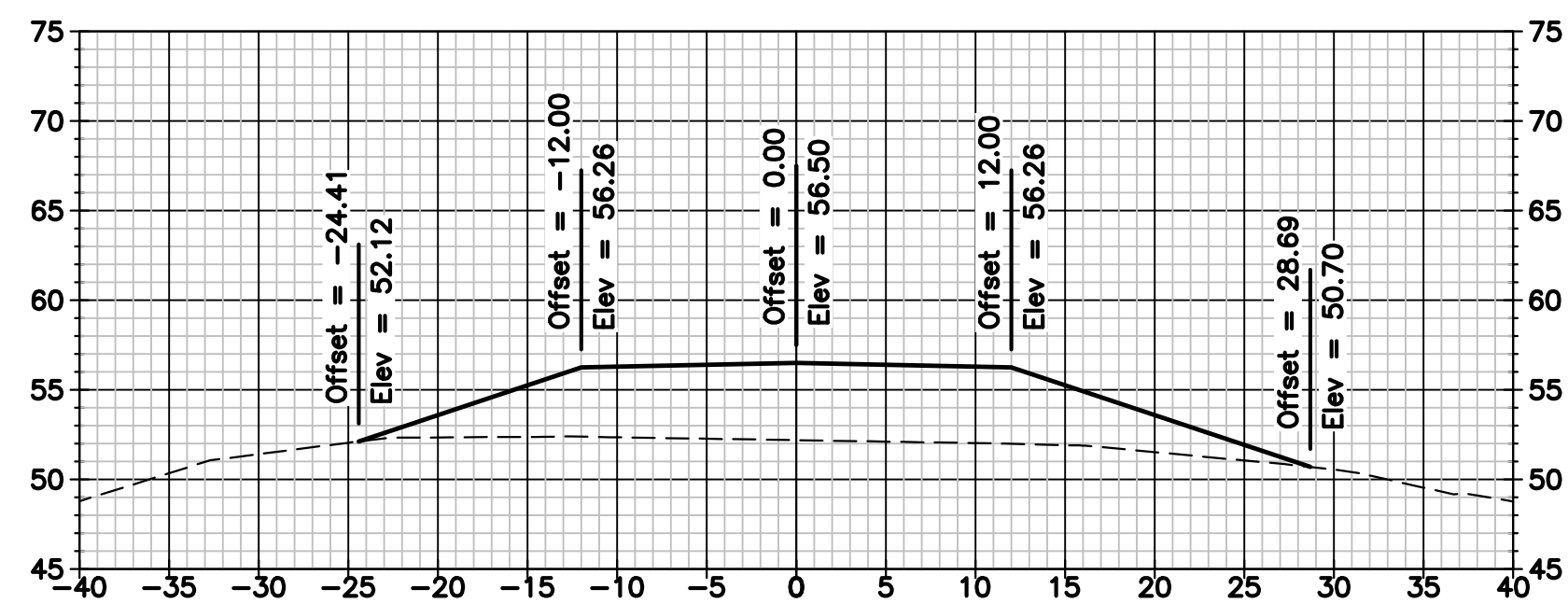
70+50.00



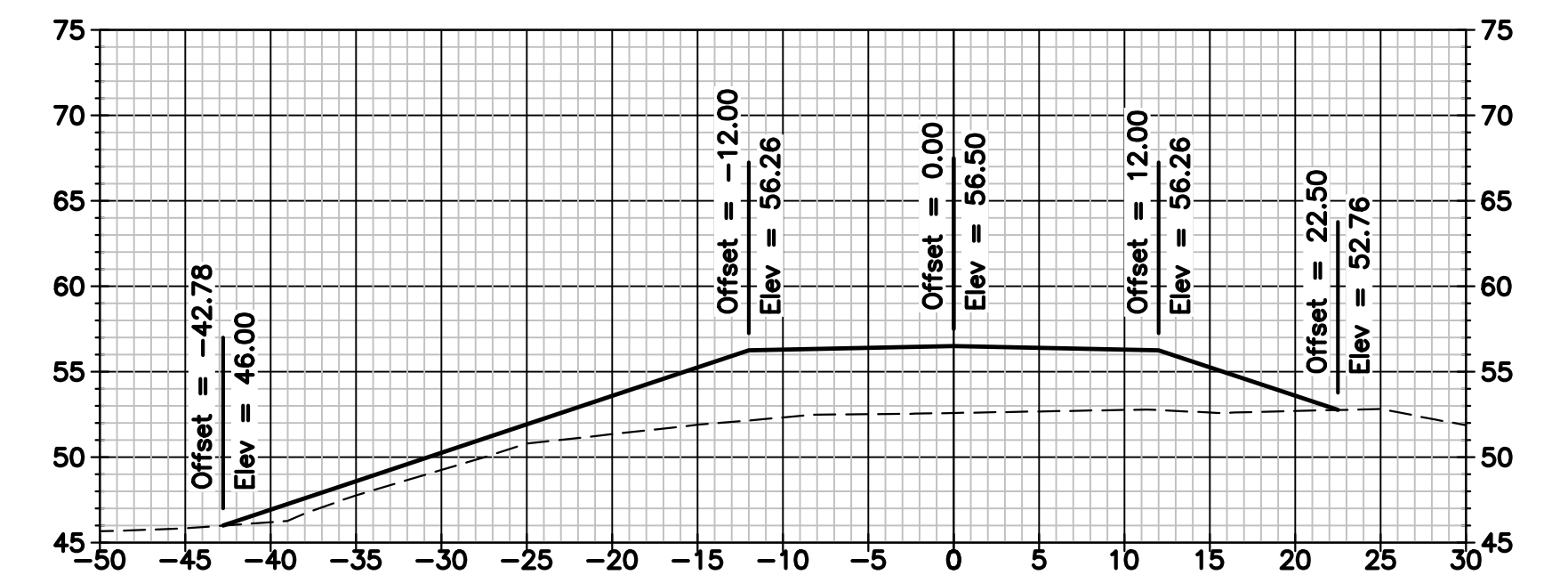
67+00.00



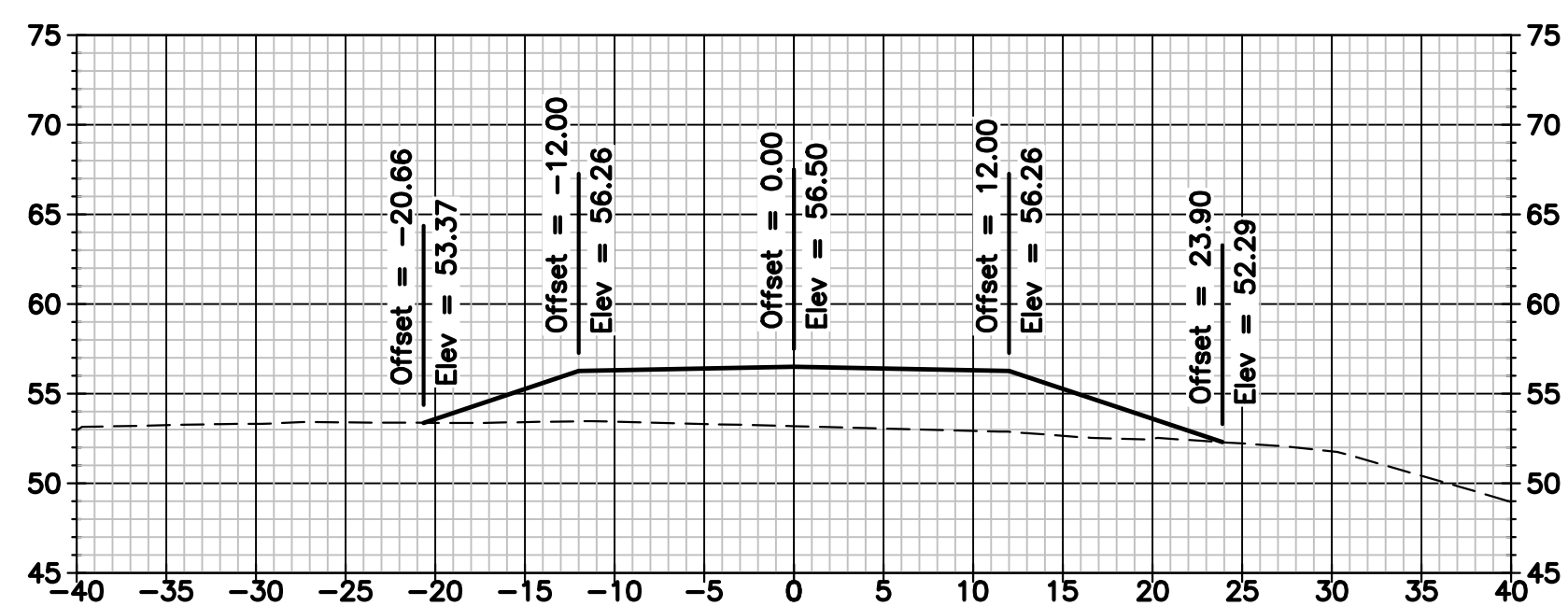
68+50.00



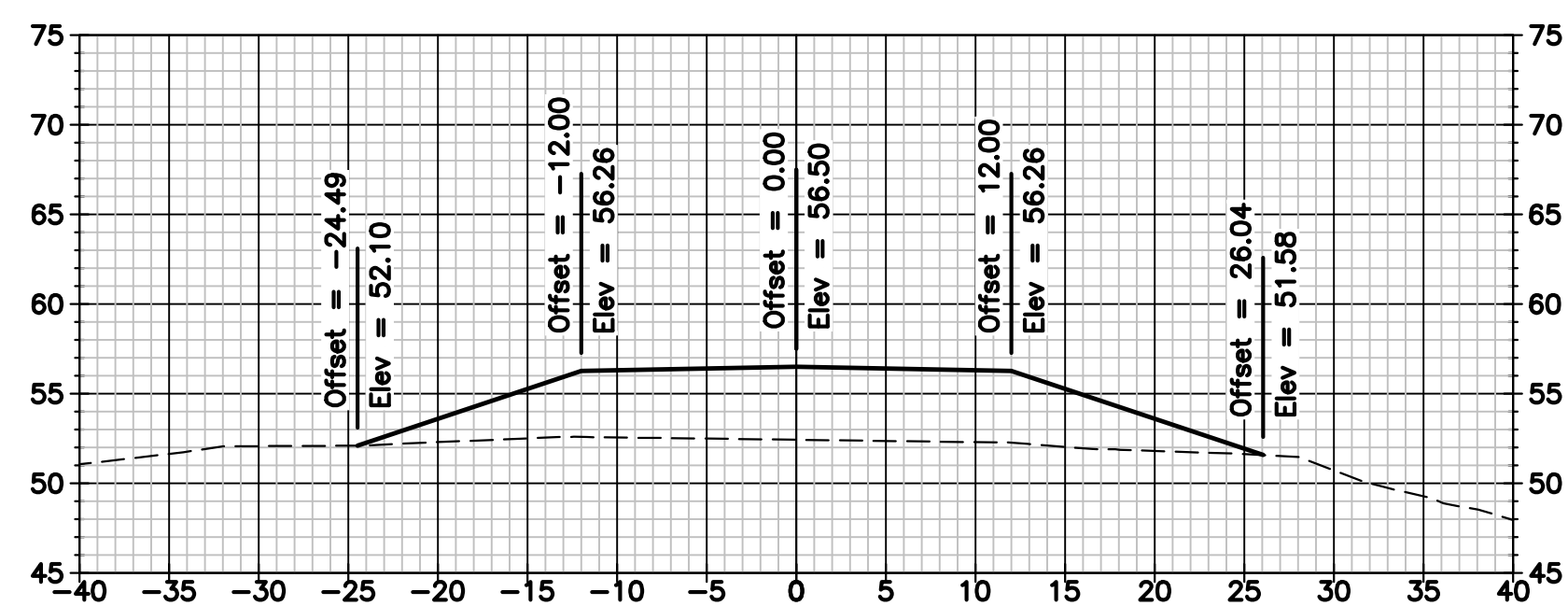
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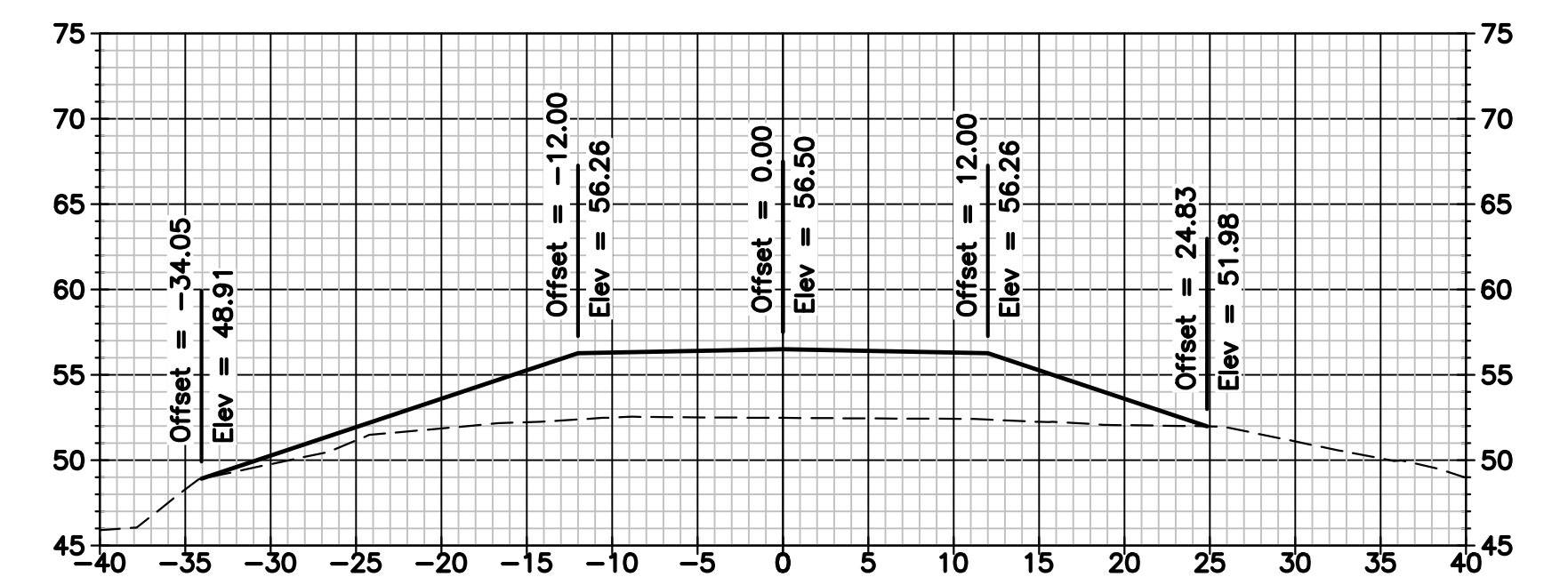
66+50.00



68+00.00



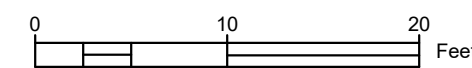
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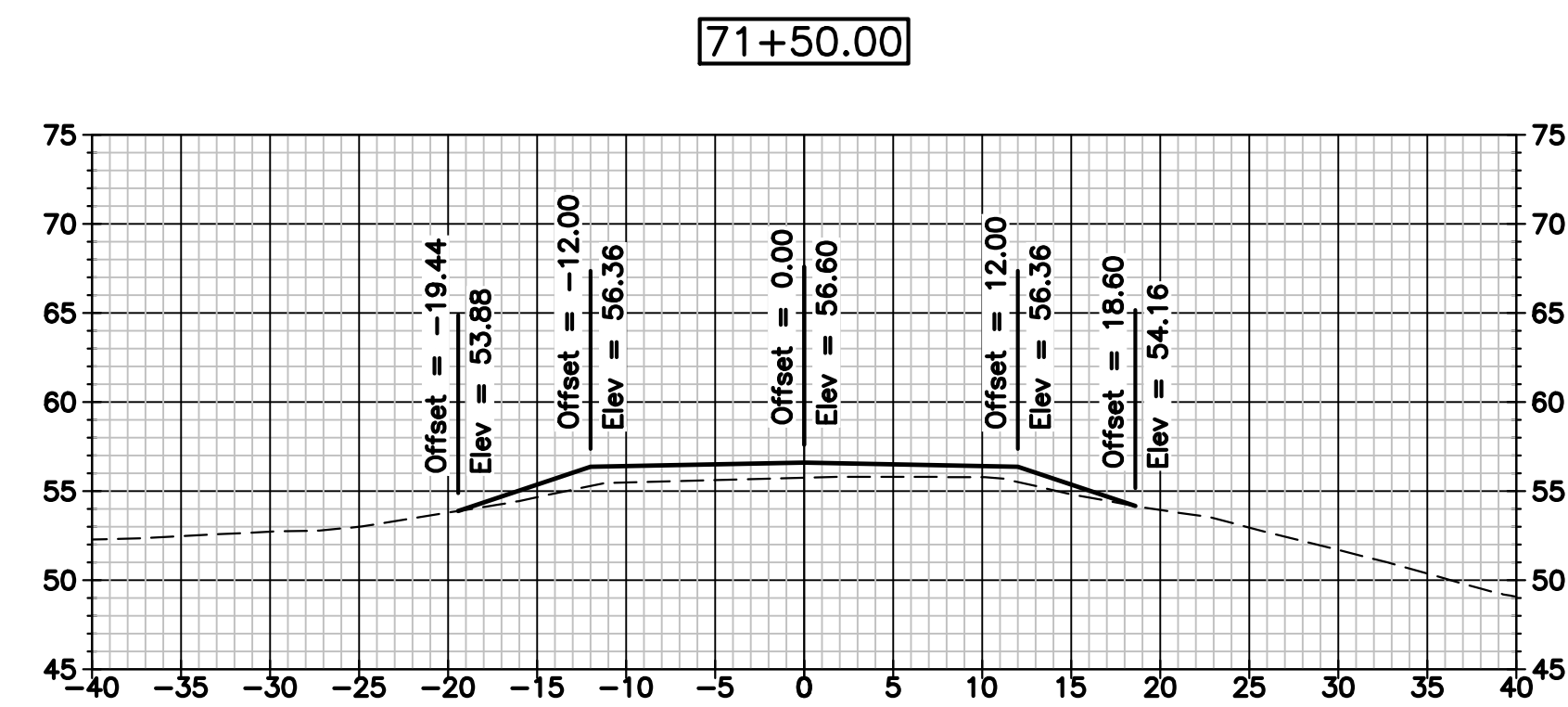
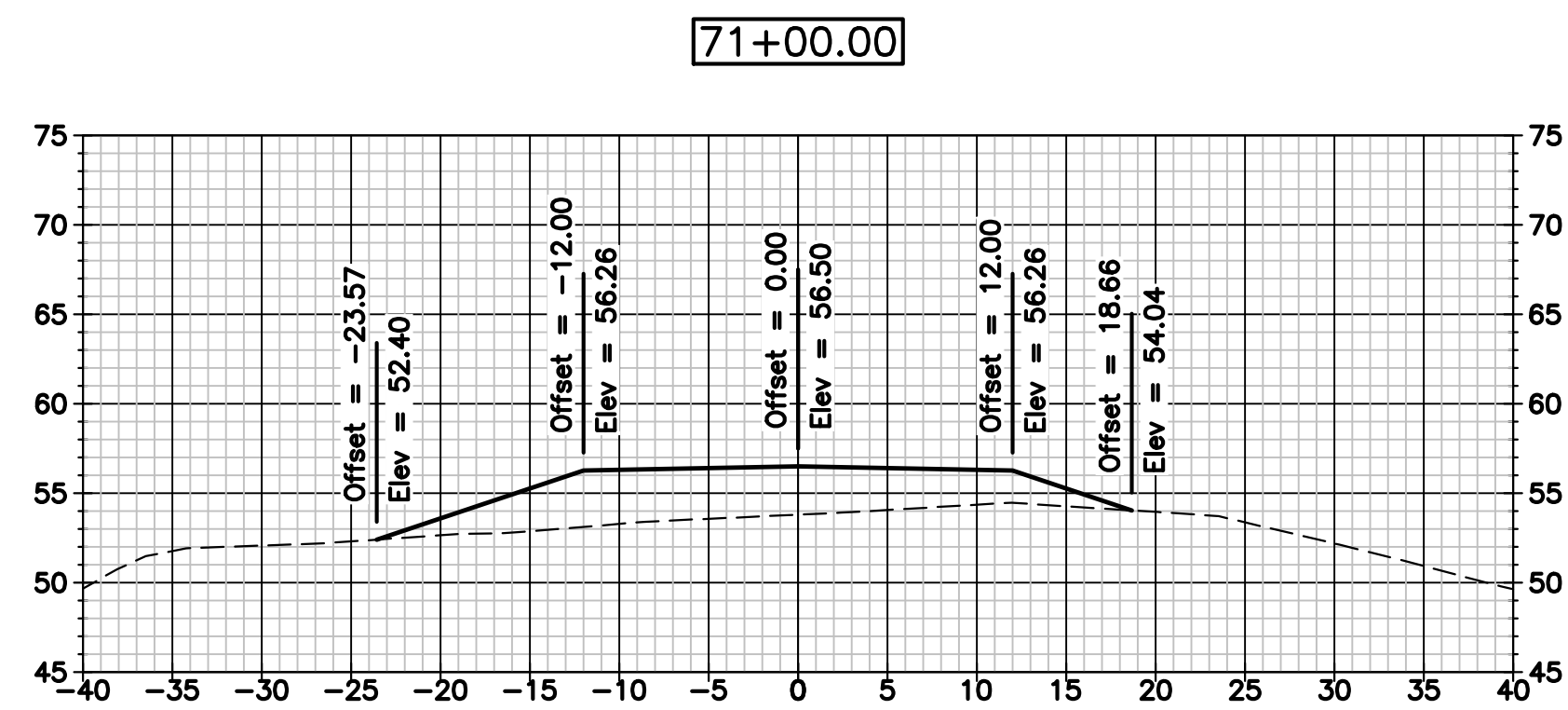
LEGEND

- EXISTING GROUND
- - - ASSUMED EXISTING GROUND AT TIME OF CONSTRUCTION
- FINISHED GRADE

24' WIDE STA. 66+50 TO 70+50



0	ISSUE FOR BID	04-24-24	MW
Mark	Description	Date	Appr.
ALABAMA STATE PORT AUTHORITY MOBILE, ALABAMA PROJECT NO.: 11363, TASK 1 thompson ENGINEERING 2970 COTTAGE HILL ROAD, SUITE 190 MOBILE, ALABAMA 36606 (251)666-2443			
ASPA WEST MUD LAKE DIKE RAISING			
CROSS SECTIONS			
Date:	Designed by:	Drawn by:	TE Job No.:
04-24-24	N/A	SSC	23-1101-0215
Ckd by:	Reviewed by:	Submitted by:	Scale:
MW	MCR	MW	
Sheet No. C913			Rev. 0



LEGEND

- EXISTING GROUND
- - - - - ASSUMED EXISTING GROUND AT TIME OF CONSTRUCTION
- FINISHED GRADE

24' WIDE STA. 71+00 TO 71+50



0	ISSUE FOR BID	04-24-24	MW
Mark	Description	Date	Appr.

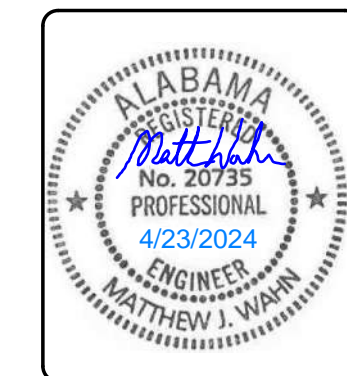
ALABAMA STATE PORT AUTHORITY
MOBILE, ALABAMA
PROJECT NO.: 11363, TASK 1

2970 COTTAGE HILL ROAD, SUITE 190
MOBILE, ALABAMA 36606
(251)666-2443

thompson ENGINEERING

ASPA WEST MUD LAKE DIKE RAISING

CROSS SECTIONS



Date:	Designed by:	Drawn by:	TE Job No.:	Sheet No.	Rev.
04-24-24	N/A	SSC	23-1101-0215	C914	0
Ckd by:	Reviewed by:	Submitted by:	Scale:		
MW	MCR	MW			