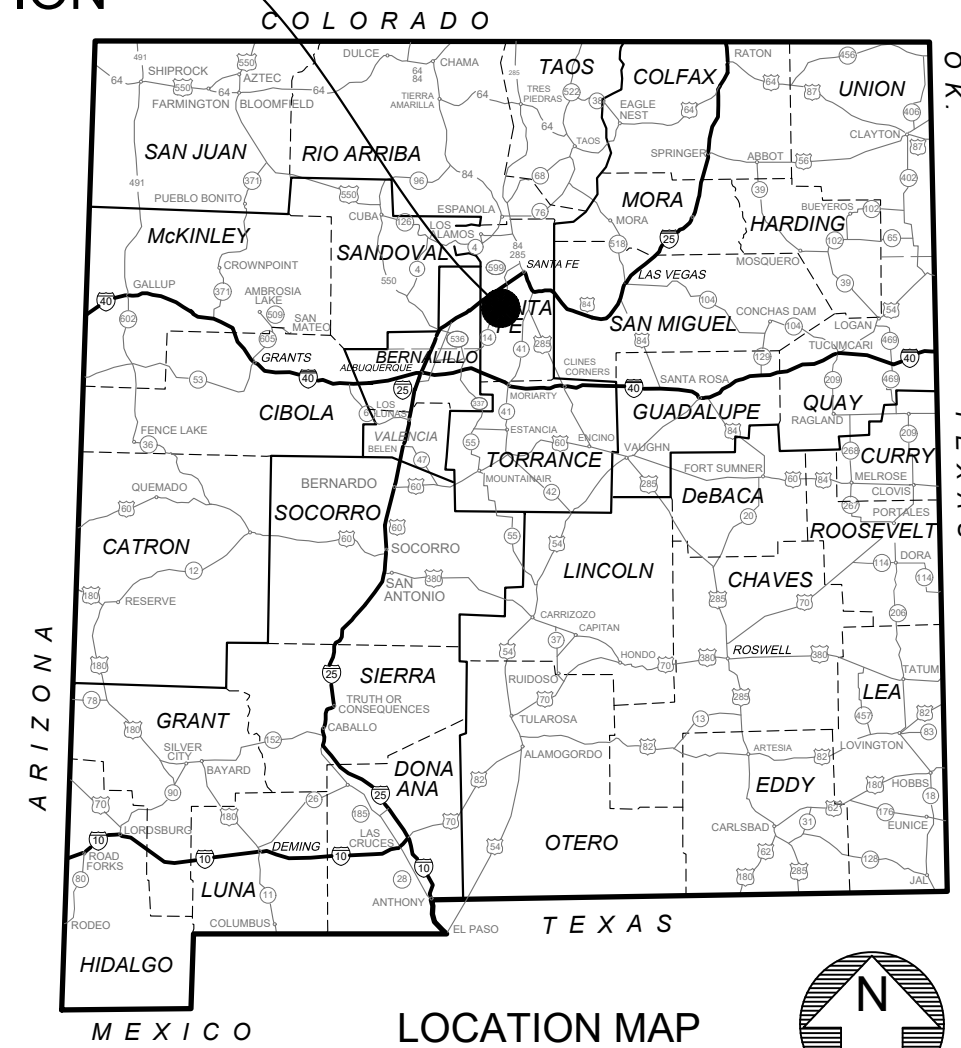


MADRID STORMWATER AND EROSION CONTROL PROJECT

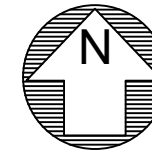
NEW MEXICO ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT

ABANDONED MINE LANDS PROGRAM

PROJECT LOCATION



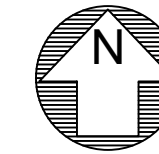
LOCATION MAP NOT TO SCALE



100% DESIGN OCTOBER 2024



VICINITY MAP
1" = 5000'

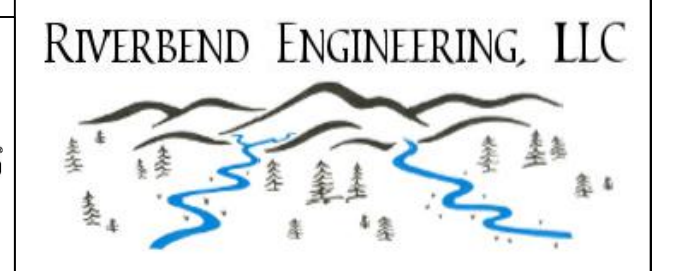


SHEET INDEX

NUMBER	NAME	TITLE	NUMBER	NAME	TITLE	NUMBER	NAME	TITLE	NUMBER	NAME	TITLE
1	G001	COVER	25	C007	ICEHOUSE UPPER INTERCEPTOR PLAN AND PROFILE	49	C201	LOCATION MAP	73	C601	STANDARD DRAWINGS (1 OF 4)
2	G002	GENERAL NOTES	26	C008	BRIDGE STREET PLAN AND PROFILE	50	C202	GENERAL SITE PLAN	74	C602	STANDARD DRAWINGS (2 OF 4)
3	G003	KEY MAP	27	C009	BRIDGE STREET STORM DRAIN PLAN AND PROFILE	51	C203	PROTECTIONS AND REMOVALS PLAN	75	C603	STANDARD DRAWINGS (3 OF 4)
4	G004	ICEHOUSE ROAD/MADRID ARROYO AREA SITE LAYOUT	28	C010	FIREHOUSE LANE PLAN AND PROFILE (1 OF 2)	52	C204	MADRID ARROYO GRADING PLAN	76	C604	STANDARD DRAWINGS (4 OF 4)
5	G005	FIREHOUSE LANE AREA SITE LAYOUT	29	C011	FIREHOUSE LANE PLAN AND PROFILE (2 OF 2)	53	C205	WATER UTILITIES PLAN			
6	G006	MATERIAL SCHEDULES	30	C012	FIREHOUSE INTERCEPTOR PLAN AND PROFILE	54	C206	TRAFFIC CONTROL PLAN			
7	G007	DESIGN/UTILITY CONFLICTS ICEHOUSE ROAD AREA (1 OF 2)	31	C013	MISSING LINK CHANNEL PLAN AND PROFILE	55	C207	ARROYO AND TRAIL PROFILES			
8	G008	DESIGN/UTILITY CONFLICTS ICEHOUSE ROAD AREA (2 OF 2)	32	C014	DOMINGUEZ ROAD CHANNEL PLAN AND PROFILE	56	C208	SITE PLAN AND GRADING PLAN, CAVE ROAD ARROYO CROSSING			
9	G009	DESIGN/UTILITY CONFLICTS FIREHOUSE LANE AREA (1 OF 2)	33	C015	RED DOG ROAD INTERCEPTOR PLAN AND PROFILE (1 OF 2)	57	C209	CONCRETE BOX CULVERT DETAILS			
10	G010	DESIGN/UTILITY CONFLICTS FIREHOUSE LANE AREA (2 OF 2)	34	C016	RED DOG ROAD INTERCEPTOR PLAN AND PROFILE (2 OF 2)	58	C210	CONCRETE BOX CULVERT DETAILS			
11	G011	GEOTECHNICAL SOIL BORINGS LOCATION MAP	35	C101	BETHLEHEM HILL ARROYO CROSS SECTIONS	59	C211	CONCRETE BOX CULVERT DETAILS			
12	G012	STORM WATER CONTROLS DETAILS (1 OF 2)	36	C102	BETHLEHEM HILL ROAD CROSS SECTIONS	60	C212	CAVE ROAD CROSSING DETAILS			
13	G013	STORM WATER CONTROLS DETAILS (2 OF 2)	37	C103	ICEHOUSE CHANNEL CROSS SECTIONS	61	C213	ARROYO GRADE CONTROL STRUCTURE DETAILS			
14	G014	FIREHOUSE LANE CULVERT CROSSING DETAILS	38	C104	ICEHOUSE ROAD CROSS SECTIONS	62	C214	ARROYO GRADE CONTROL STRUCTURE DETAILS			
15	G015	NM-14 CULVERT CROSSING DETAILS	39	C105	ICEHOUSE ROAD EXTENSION CROSS SECTIONS	63	C215	DRAINAGE DITCH RUNDOWN: PLAN, PROFILE, SECTION			
16	G016	ICEHOUSE CHANNEL DETAILS	40	C106	ICEHOUSE LOWER INTERCEPTOR CROSS SECTIONS	64	C216	PEDESTRIAN BRIDGE DETAILS			
17	G017	BETHLEHEM POND DETAILS	41	C107	ICEHOUSE UPPER INTERCEPTOR CROSS SECTIONS	65	C217	TYPICAL SECTIONS: ROAD, TRAIL, ARROYO			
18	G018	BETHLEHEM ROAD DETAILS	42	C108	BRIDGE STREET CROSS SECTIONS	66	C218	TYPICAL SECTIONS: DRAINAGE DITCHES AND CROSS-ROAD SWALES			
19	C001	BETHLEHEM HILL ARROYO PLAN AND PROFILE	43	C109	FIREHOUSE LANE CROSS SECTIONS (1 OF 2)	67	C219	NE ARROYO IMPROVEMENTS, SITE PLAN			
20	C002	BETHLEHEM HILL ROAD PLAN AND PROFILE	44	C110	FIREHOUSE LANE CROSS SECTIONS (2 OF 2)	68	C220	NE ARROYO IMPROVEMENTS, CHANNEL DETAILS			
21	C003	ICEHOUSE CHANNEL PLAN AND PROFILE	45	C111	FIREHOUSE INTERCEPTOR CROSS SECTIONS	69	C221	NE ARROYO IMPROVEMENTS, GRADE CONTROL STRUCTURE			
22	C004	ICEHOUSE ROAD PLAN AND PROFILE	46	C112	MISSING LINK CHANNEL CROSS SECTIONS	70	C222	PHASE 1 SITE PLAN, SOIL GRADING AND CONTRACTOR STAGING AREA			
23	C005	ICEHOUSE ROAD EXTENSION PLAN AND PROFILE	47	C113	DOMINGUEZ ROAD CHANNEL CROSS SECTIONS	71	C223	PHASE 2 SITE PLAN, SOIL GRADING AND CONTRACTOR STAGING AREA			
24	C006	ICEHOUSE LOWER INTERCEPTOR PLAN AND PROFILE	48	C114	RED DOG ROAD INTERCEPTOR CROSS SECTIONS	72	C224	SOIL DISPOSAL AREA CONSTRUCTION DETAILS			

NUMBER	NAME	TITLE
73	C601	STANDARD DRAWINGS (1 OF 4)
74	C602	STANDARD DRAWINGS (2 OF 4)
75	C603	STANDARD DRAWINGS (3 OF 4)
76	C604	STANDARD DRAWINGS (4 OF 4)

PLANS PRODUCED AT 22"x34" (D-SIZE)



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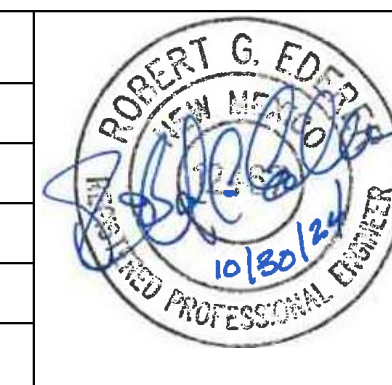
**VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT**

MADRID NEW MEXICO

WESTON SOLUTIONS

ALBUQUERQUE NEW MEXICO

CHECKED	DATE	CLIENT APPROVALS	DATE
NAH	10/31/24		
DES. ENG.	SLJ	10/31/24	
PROJ. ENG.	RGE	10/31/24	
PROJ. MGR.	TDB	10/31/24	
APPROVED			
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DRAWN	DATE	DWG. NO.	REV. NO.
RW	---	G001	B
SCALE	W.O. NO.	15740.001.003	SHT. 1 OF 76

GENERAL NOTES

- THE TECHNICAL SPECIFICATIONS PROVIDED IN THE PROJECT MANUAL (APPENDIX B) AND PROVISIONS THERETO SHALL GOVERN CONSTRUCTION OF THIS PROJECT EXCEPT AS OTHERWISE SHOWN. THE NEW MEXICO DEPARTMENT OF TRANSPORTATION (NMDOT) STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, 2019 EDITION, ARE REFERENCED IN THE DESIGN AND APPLY TO ALL WORK PERFORMED IN THE NM-14 RIGHT OF WAY. NMDOT "STANDARD DRAWINGS" MAY BE FOUND AT THE FOLLOWING INTERNET ADDRESS:
<https://www.dot.nm.gov/infrastructure/plans-specifications-estimates-pse-bureau/standards/>
 NMDOT "STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGE CONSTRUCTION, 2019 EDITION" MAY BE FOUND AT THE FOLLOWING INTERNET ADDRESS:
<https://www.dot.nm.gov/infrastructure/plans-specifications-estimates-pse-bureau/standards/>
- WHEN COORDINATES AND ELEVATIONS ARE SHOWN HEREIN, THEY REFER TO NAD83 NEW MEXICO STATE PLANES CENTRAL ZONE AND NAVD 88, U.S. FEET.
- THE LOCATION OF EXISTING UTILITIES SHOWN ON THE DRAWINGS (SEE SHEET G-010) WERE DETERMINED BY SUBSURFACE UTILITY EXPLORATION IN 2022 BY T2 UTILITY ENGINEERS. THESE UTILITIES ARE APPROXIMATE AND NOT INDEPENDENTLY VERIFIED BY WESTON. OTHER UTILITIES MAY BE PRESENT. THE CONTRACTOR SHALL VERIFY THE LOCATIONS OF ALL UTILITIES PRIOR TO CONSTRUCTION AND EXERCISE DUE DILIGENCE AND CARE TO INVESTIGATE POTENTIAL UTILITIES. UTILITY LOCATION IS INCIDENTAL TO THE WORK AND NO ADDITIONAL PAYMENT WILL BE MADE.
- THE CONTRACTOR SHALL DISPOSE OF ALL UNSUITABLE EARTHEN MATERIALS IN AN ENVIRONMENTALLY ACCEPTABLE MANNER AT A LOCATION APPROVED BY THE NEW MEXICO ENERGY, MINING, AND NATURAL RESOURCES DEPARTMENT. SOLID WASTE AND CONSTRUCTION DEMOLITION DEBRIS SHALL BE TRANSPORTED AND DISPOSED AT A NEW MEXICO PERMITTED LANDFILL FACILITY.
- UNLESS OTHERWISE STATED IN THIS PLAN SET, ALL SIDE SLOPES SHALL BE 3H:1V MAXIMUM, KEEPING SLOPES FLATTER WHEREVER POSSIBLE. NEW SLOPES AND GRADES SHALL TRANSITION SMOOTHLY TO EXISTING GRADES AND EXISTING STRUCTURES IN ALL CASES. THE CONTRACTOR SHALL TRANSITION (WARP) SLOPES WHERE NECESSARY TO STAY WITHIN THE RIGHT OF WAY OR CONSTRUCTION LIMITS, OR TO AVOID EXISTING STRUCTURES.
- ALL QUANTITIES PROVIDED ON THE PLANS ARE APPROXIMATE AND MUST BE VERIFIED BY THE CONTRACTOR.

SURVEYING NOTES

- AERIAL IMAGERY AND TOPOGRAPHIC MAPPING COMPLETED BY TRI HYDRO CORPORATION WITH GROUND SURVEY DATA COLLECTED BY DENNIS ENGINEERING COMPANY IN FEBRUARY 2021. SUPPLEMENTAL SURVEYING IN SELECTED AREAS WAS PREPARED BY HIGH MESA CONSULTING GROUP IN FEBRUARY 2024.
- SURVEY DATA ARE IN THE NEW MEXICO STATE PLANE COORDINATE SYSTEM (NAD83, CENTRAL ZONE) IN GROUND COORDINATES WITH A SCALE FACTOR OF 1.00029356794 AND NAVD88 VERTICAL DATUM.

TRAFFIC CONTROL

- CONTRACTOR SHALL PREPARE TRAFFIC CONTROL PLANS FOR NM-14 AND LOCAL ROADS. PREPARATION AND MAINTENANCE OF TRAFFIC CONTROL SHALL BE INCIDENTAL TO THE TRAFFIC CONTROL BID ITEM.
- DIVERT TRAFFIC AROUND CONSTRUCTION ZONES UTILIZING LANE CLOSURES. DO NOT DIVERT TRAFFIC ON LOCAL ROADS. FOLLOW THE NMDOT STANDARD DRAWING 701-11-1/1 FOR LANE TRANSITION REQUIREMENTS
- CAVE ROAD IS MAINTAINED BY THE COUNTY OF SANTA FE. OBTAIN A TRAFFIC CONTROL PERMIT FROM THE SANTA FE COUNTY PUBLIC WORKS DEPARTMENT.
- AN NMDOT TRAFFIC CONTROL/ROADWAY WORK PERMIT IS REQUIRED FOR ALL WORK PERFORMED WITHIN THE NMDOT RIGHT OF WAY. PREPARE TRAFFIC CONTROL PLAN (TCP) ACCORDING TO NMDOT STANDARD DRAWINGS FOR HIGHWAY AND BRIDGE CONSTRUCTION (2019)

MITIGATION MEASURES NOTES

SOIL AND WATER

THE CONTRACTOR SHALL PREPARE A STORMWATER POLLUTION PREVENTION PLAN (SWPPP) AND OBTAIN REQUIRED NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT COVERAGE FOR CONSTRUCTION ACTIVITY FROM THE USEPA AS REQUIRED UNDER THE CLEAN WATER ACT. BEST MANAGEMENT PRACTICES (BMPs) SHALL BE USED TO PREVENT EROSION AND TRANSPORT OF SEDIMENT (SEE NMDOT STANDARD DRAWINGS 603-01-1/7 THROUGH 7/7). THE SWPPP SHALL INCLUDE THE PROPOSED CONSTRUCTION STAGING AREA AND TEMPORARY SANITARY FACILITIES. SHOW LOCATION OF ALL BMPs INCLUDING CHECK DAMS, SILT FENCES, INLET PROTECTION, STRAW SOCK, OR OTHER BEST MANAGEMENT PRACTICES (BMP) THAT ARE REQUIRED IN THE APPROVED SWPPP PER THE NMDOT NPDES MANUAL AT THE FOLLOWING INTERNET LOCATION:
<https://www.dot.nm.gov/wp-content/uploads/2024/01/NMDOT-NPDES-Manual-Rev-4-2023.pdf>
 STORMWATER MANAGEMENT AND STORMWATER DIVERSION DURING CONSTRUCTION SHALL BE PERFORMED BY THE CONTRACTOR. ALL WORK ASSOCIATED WITH STORMWATER MANAGEMENT AND STORMWATER DIVERSION DURING CONSTRUCTION SHALL BE INCLUDED IN SWPPP PLAN PREPARATION AND MAINTENANCE BID ITEM.

AT THE COMPLETION OF CONSTRUCTION, REVEGETATION AND RESTORATION OF DISTURBED AREAS WILL BE CONDUCTED. REVEGETATION SHALL INCLUDE MULCHING AND SEEDING OF EXPOSED AREAS WITH SPECIFIED SEED MIX PROVIDED IN THE TECHNICAL SPECIFICATIONS AND LANDSCAPING PLANS PROVIDED BY OTHERS.

UPON COMPLETION OF CONSTRUCTION, TEMPORARY EROSION AND SEDIMENT CONTROLS WILL BE REMOVED ONCE THE PROJECT AREA IS STABILIZED AS DETERMINED BY THE AML PROGRAM MANAGER.

IN THE EVENT OF AN UNEXPECTED RELEASE OF HAZARDOUS MATERIALS DURING CONSTRUCTION, THE CONTRACTOR WILL BE RESPONSIBLE FOR REPORTING, CLEANUP, AND DISPOSAL OF ANY CONTAMINATED SOILS. CONTRACTOR SHALL BE REQUIRED TO REPORT SPILLS OF GASOLINE, SOLVENTS, AND OTHER CHEMICALS OF REPORTABLE QUANTITIES TO THE AML PROGRAM MANAGER.

AIR QUALITY

EXPOSED AND DISTURBED SOIL SURFACES SHALL BE WATERED AT A FREQUENCY SUFFICIENT TO AVOID FUGITIVE DUST. EARTHMOVING AND OTHER DUST-PRODUCING ACTIVITIES WILL BE SUSPENDED DURING PERIODS OF HIGH WINDS, WHEN DUST CONTROL EFFORTS ARE UNABLE TO PREVENT FUGITIVE DUST. STOCKPILES OF DEBRIS, SOIL, SAND, OR OTHER MATERIALS WILL BE WATERED OR COVERED. ANY MATERIALS TRANSPORTED ON-SITE BY TRUCK SHALL BE COVERED. SOIL DISTURBANCE WILL BE MINIMIZED AND NATIVE VEGETATION AND TOPSOIL WILL BE RETAINED WHERE POSSIBLE. CONSTRUCTION CONTRACTORS SHALL ENSURE THAT CONSTRUCTION EQUIPMENT AND VEHICLES USE APPROVED EMISSION CONTROL DEVICES AND LIMIT UNNECESSARY IDLING.

VEGETATION AND WILDLIFE

AS NEEDED, EXPOSED DISTURBED AREAS WITHIN THE PROJECT AREA SHALL BE REPLANTED WITH CERTIFIED WEED-FREE NATIVE VEGETATION AFTER CONSTRUCTION. TRENCHES SHALL BE BURIED CONCURRENTLY TO REDUCE TRAPPING SMALL MAMMALS AND REPTILES.

CULTURAL RESOURCES

IF CULTURAL MATERIALS OR HUMAN BURIALS ARE ENCOUNTERED DURING CONSTRUCTION ACTIVITIES, WORK IN THE AREA SHALL STOP, THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE NM EMNRD PROJECT MANAGER AT 505-629-9677.

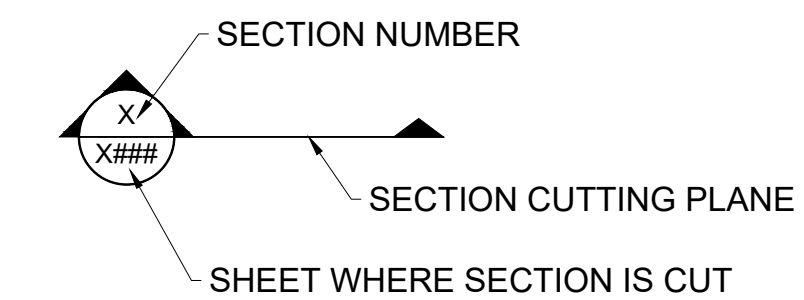
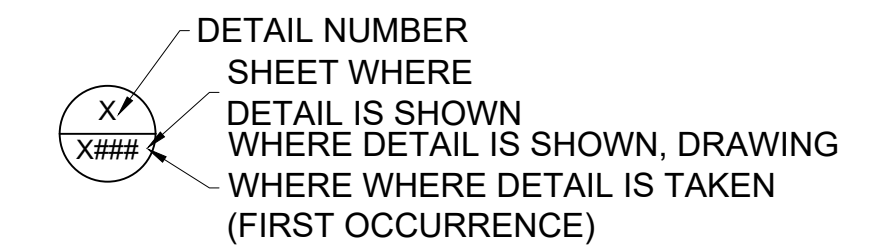
CONSTRUCTION ACTIVITIES

- CONTRACTOR LAYDOWN AREA AND VEHICLE PARKING AREAS WILL BE IDENTIFIED DURING PRE-CONSTRUCTION MEETING. CONSTRUCTION CONTRACTORS WILL BE REQUIRED TO LIMIT CONSTRUCTION EQUIPMENT AND VEHICLE USE TO DAYTIME HOURS. CONSTRUCTION CONTRACTORS SHALL BE REQUIRED TO ENSURE THAT CONSTRUCTION EQUIPMENT AND OTHER EQUIPMENT HAVE WORKING MUFFLERS AND OTHER NOISE CONTROL DEVICES.
- SOIL ACCUMULATED FROM EXCAVATION ACTIVITIES AND NOT USED IN THE WORK SHALL BE TRANSPORTED AND DISPOSED AT THE SOIL STOCKPILE LOCATED NORTH OF THE MADRID BALL PARK - A MAXIMUM DISTANCE OF ONE MILE. SEE DWG NO. C222

LEGEND

	EXISTING MAJOR CONTOUR
	EXISTING MINOR CONTOUR
	PROPOSED MAJOR CONTOUR
	PROPOSED MINOR CONTOUR
	EXISTING FENCE
	PROPOSED RETAINING WALL
	PROJECT LIMITS
	BUILDING
	PROPOSED CULVERT
	ROCK OR RIPRAP
	CONCRETE
	GRAVEL SURFACING
	PLUNGE POOL

DETAIL AND SECTION REFERENCES



UTILITY CONTACT INFORMATION			
OWNER	UTILITY	CONTACT	PHONE
LUMEN (CENTURYLINK)	TELEPHONE/FIBER OPTIC	GARY NELSON	(505) 886-4678
MADRID COOP	WATER	REBECCA NAFFEY	(505) 438-1819
NMDOT	STORM DRAIN	ANTONIO GRIEGO	(505) 470-4967
PNM - DISTRIBUTION	ELECTRIC	ERIC WINKLER	(505) 473-3209



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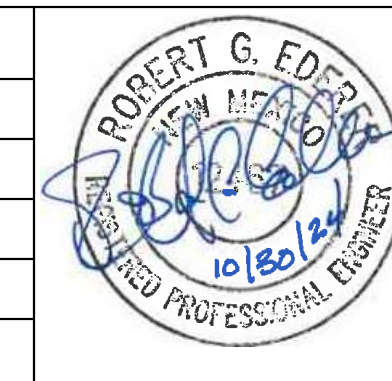
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VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT

MADRID NEW MEXICO

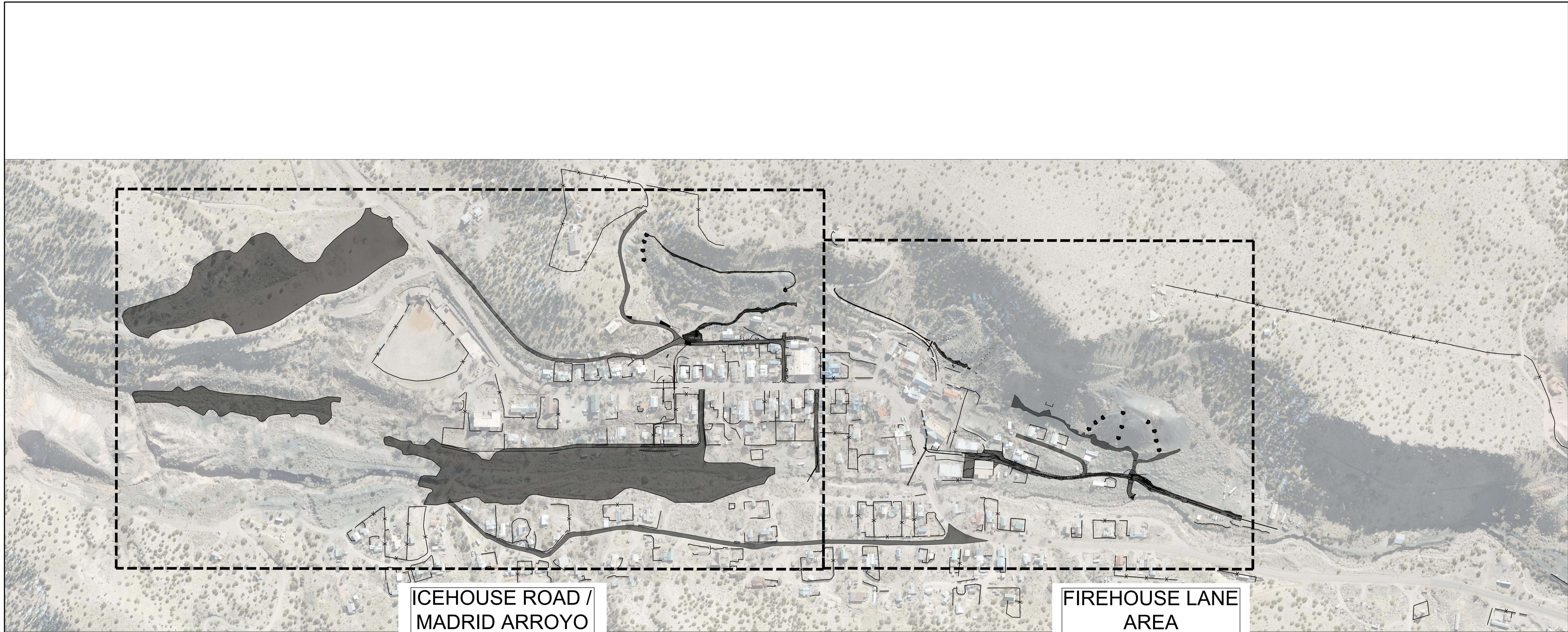
ALBUQUERQUE NEW MEXICO

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DES. ENG. SLJ	10/31/24		
PROJ. ENG. RGE	10/31/24		
PROJ. MGR. TDB	10/31/24		
APPROVED			
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GENERAL NOTES

DRAWN	RW	DATE	---	DWG. NO.	G002	REV. NO.	B
SCALE		W.O. NO.	15740.001.003	SHT	2	OF	76



**ICEHOUSE ROAD /
MADRID ARROYO
AREA**
SEE SHEET G004

**FIREHOUSE LANE
AREA**
SEE SHEET G005

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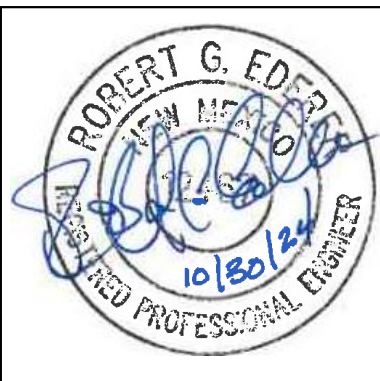
**VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT**

MADRID NEW MEXICO

WESTON SOLUTIONS

ALBUQUERQUE NEW MEXICO

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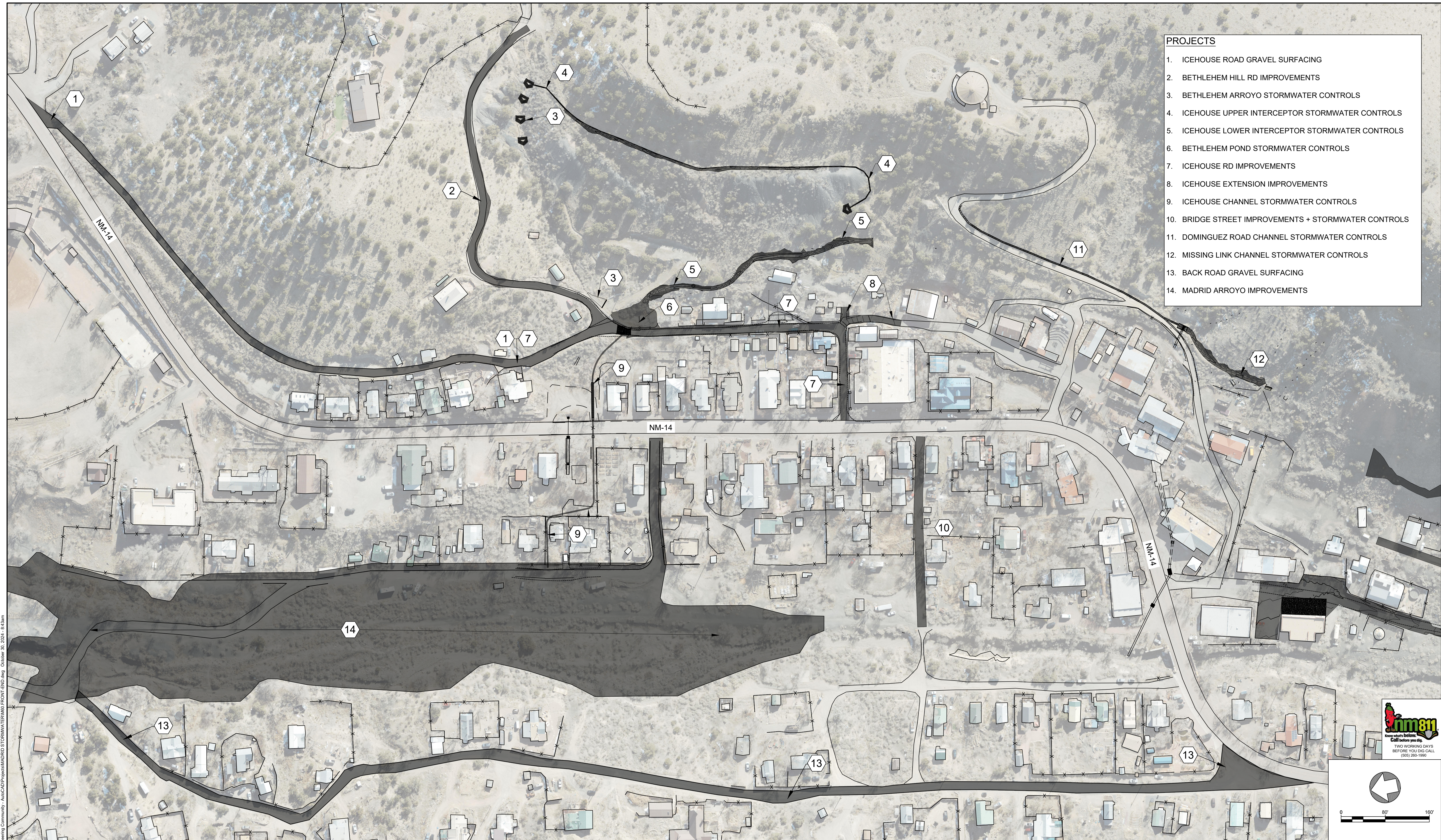


KEY MAP

DRAWN	RW	DATE	---	DWG. NO.	G003	REV. NO.	B
SCALE		W.O. NO.				SHT.	3 OF 76

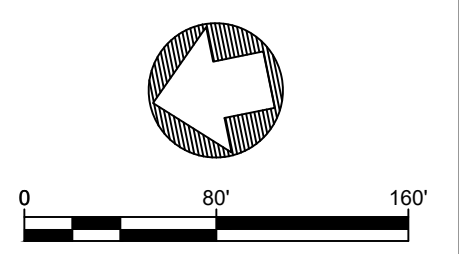
15740.001.003





- PROJECTS**
1. ICEHOUSE ROAD GRAVEL SURFACING
 2. BETHLEHEM HILL RD IMPROVEMENTS
 3. BETHLEHEM ARROYO STORMWATER CONTROLS
 4. ICEHOUSE UPPER INTERCEPTOR STORMWATER CONTROLS
 5. ICEHOUSE LOWER INTERCEPTOR STORMWATER CONTROLS
 6. BETHLEHEM POND STORMWATER CONTROLS
 7. ICEHOUSE RD IMPROVEMENTS
 8. ICEHOUSE EXTENSION IMPROVEMENTS
 9. ICEHOUSE CHANNEL STORMWATER CONTROLS
 10. BRIDGE STREET IMPROVEMENTS + STORMWATER CONTROLS
 11. DOMINGUEZ ROAD CHANNEL STORMWATER CONTROLS
 12. MISSING LINK CHANNEL STORMWATER CONTROLS
 13. BACK ROAD GRAVEL SURFACING
 14. MADRID ARROYO IMPROVEMENTS

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 mweston@weston-solutions.com



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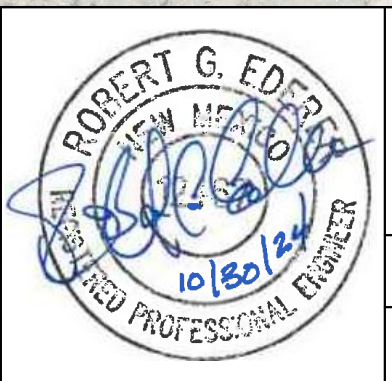
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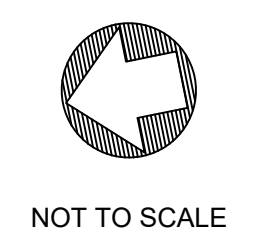
**ICEHOUSE ROAD/MADRID ARROYO AREA
SITE LAYOUT**

DRAWN	RW	DATE	---	DWG. NO.	G004	REV. NO.	B
SCALE		W.O. NO.			15740.001.003	SHT	4 OF 76

- PROJECTS**
1. DOMINGUEZ ROAD STORMWATER CONTROLS
 2. MISSING LINK STORMWATER CONTROLS
 3. RED DOG ROAD STORMWATER CONTROLS
 4. FIREHOUSE STORMWATER CONTROLS
 5. RED DOG ROAD GRAVEL SURFACING
 6. FIREHOUSE LANE IMPROVEMENTS
 7. BACK ROAD GRAVEL SURFACING



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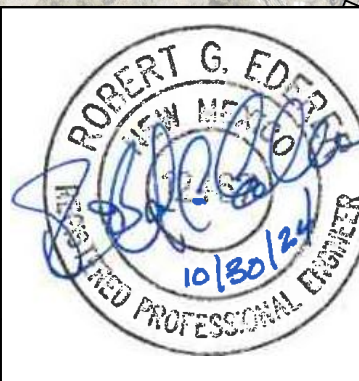
**VILLAGE OF MADRID, NM
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**FIREHOUSE LANE AREA
SITE LAYOUT**

DRAWN	RW	DATE	---	DWG. NO.	G005	REV. NO.	B
SCALE		W.O. NO.					
		15740.001.003		SHT.	5	OF	76

NOTE: CONTRACTOR SHALL VERIFY ALL QUANTITIES. ANY DISCREPANCY BETWEEN THESE PLANS, SPECIFICATIONS, AND PROJECT MANUAL SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND ENGINEER BEFORE STARTING WORK.

ROADWAY SURFACING SCHEDULE (SY)							
DESCRIPTION	BEGIN STATION	END STATION	LF	SUBGRADE PREPARATION	BASE COURSE	MINOR PAVING	CRUSHED ROCK GRAVEL
BETHLEHEM ROAD	10+00	17+77.47	777	0	0	0	908
ICE HOUSE ROAD	10+00	16+25.55	626	835	835	0	835
ICE HOUSE ROAD	16+25.55	17+69.36	144	192	192	0	192
ICE HOUSE ROAD EXTENSION	10+00	11+21.45	121	162	162	0	162
ICE HOUSE ROAD (NORTH)	--	--	--	0	0	0	1786
NM-14 CULVERT CROSSING	13+46	13+70	24	70	70	70	0
BRIDGE STREET	10+00	13+50	350	623	623	0	389
CAVE ROAD	10+00	21+25	1125	4,017	4,017	0	4,017
BACK ROAD	--	--	--	0	0	0	4,463
FIREHOUSE LANE	11+79.30	15+00	321	428	428	0	428
FIREHOUSE LANE	15+00	18+76	376	418	418	0	418
FIREHOUSE LANE	18+76	23+81.39	505	562	562	0	562
RED DOG ROAD	--	--	--	0	0	0	461
TOTALS (SY)				7307	7307	70	14621

MINOR STRUCTURAL CONCRETE (CYD)				
DESCRIPTION	BEGIN STATION	END STATION	LF	QUANTITY
ICE HOUSE ROAD DIP SECTION	12+01.37	12+26.37	25	35.7
ICE HOUSE CHANNEL HEADWALL	15+10.84	15+10.84	--	0.9
ICE HOUSE CHANNEL - REACH 1	10+51	11+22	71	14.3
ICE HOUSE CHANNEL - REACH 2	11+22	13+40	218	46.7
ICE HOUSE CHANNEL - REACH 3	13+40	14+40	100	18.2
ICE HOUSE CHANNEL - REACH 4	14+40	15+07	67	12.2
BETHLEHEM ARROYO HEADWALL	11+07.50	11+07.50	--	0.9
DOMINGUEZ RD CHANNEL	10+05	14+71.57	467	87.5
RED DOG ROAD INTERSECTION	16+77.29	17+21.39	44	6.7
FIRE HOUSE CULVERT EAST HEADWALL	11+22.4	11+22.4	--	3.7
FIREHOUSE CULVERT WEST HEADWALL	11+01	11+01	--	3.4

RIPRAP CHANNEL LINING (CYD)					
DESCRIPTION	BEGIN STATION	END STATION	LF	QUANTITY	RIPRAP CLASS
UPPER ICEHOUSE INTERCEPTOR	10+00	17+30.79	731	162.3	TYPE E (GROUTED)
LOWER ICEHOUSE INTERCEPTOR (RUNDOWN)	0+00	0+25	25	97.7	TYPE F (GROUTED)
LOWER ICEHOUSE INTERCEPTOR	0+25	4+00	375	78.6	TYPE B
LOWER ICEHOUSE INTERCEPTOR	4+00	5+80	180	78.6	TYPE A (NON-WIRE)
BRIDGE ROAD ENERGY DISSIPATOR	9+63	9+75	12	8.5	TYPE B
FIRE HOUSE LANE V-DITCH	18+76.39	23+81.39	505	51.9	TYPE A (NON-WIRE)
FIRE HOUSE INTERCEPTOR (LOWER)	10+24	11+60	136	28.5	TYPE A (NON-WIRE)
FIRE HOUSE INTERCEPTOR (UPPER)	11+60	12+75	115	24.1	TYPE A (NON-WIRE)
FIRE HOUSE ARROYO RUNDOWN	10+00	10+37.78	62		TYPE F (GROUTED)
FIRE HOUSE ARROYO CHANNEL	10+37.78	11+00	62	13.7	TYPE A (NON-WIRE)
MISSING LINK CHANNEL	10+15	12+00	185	21.6	TYPE A (NON-WIRE)
RED DOG ROAD INTERCEPTOR	12+40	17+90	240	50.3	TYPE A (NON-WIRE)
RED DOG ROAD INTERCEPTOR (RUNDOWN)	17+90	18+31.5	42		TYPE F (GROUTED)

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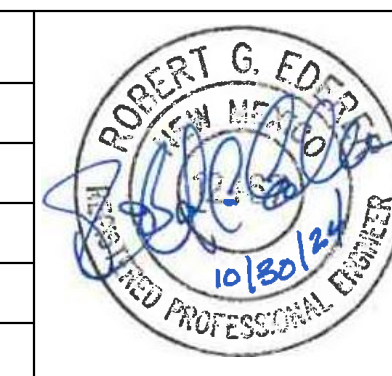
VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT

MADRID NEW MEXICO



ALBUQUERQUE NEW MEXICO

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NAH	10/31/24		
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PROJ. ENG.	RGE	10/31/24	
PROJ. MGR.	TDB	10/31/24	
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MATERIAL SCHEDULES

DRAWN	RW	DATE	---	DWG. NO.	G006	REV. NO.	B
SCALE		W.O. NO.	15740.001.003	SHT.	6	OF	76



LEGEND

UTILITY LINETYPES

- E — E — ELECTRIC LINE
- OHE — OHE — OVERHEAD ELECTRIC LINE
- T — T — TELEPHONE LINE
- OHT — OHT — OVERHEAD TELEPHONE LINE
- FOT — FOT — FIBER OPTIC TELEPHONE LINE
- SD — SD — STORM DRAINAGE LINE
- W — W — WATER LINE
- UNK — UNK — UNKNOWN UTILITY LINE

UTILITY SYMBOLS

- CAB — ELECTRIC CABINET
- J — ELECTRIC JUNCTION BOX
- E — ELECTRIC MANHOLE
- M — ELECTRIC METER
- T — ELECTRIC TRANSFORMER
- L — LIGHT - ARM
- CAB — TELEPHONE CABINET
- T — TELEPHONE MANHOLE
- R — TELEPHONE RISER
- CB — CATCH BASIN
- SD — STORM DRAIN MANHOLE
- FH — FIRE HYDRANT
- WM — WATER METER
- WV — WATER VALVE
- WW — WATER WELL
- UP — UTILITY POLE
- EC — EDGE OF CONCRETE
- GA — GUY ANCHOR

UTILITY CONFLICT SYMBOLS

- △ — END/ LOSS OF SIGNAL
- — LIMITS OF ASCE 38 INVESTIGATION
- X — CHANGE OF ASCE 38 QUALITY LEVEL
- — END OF UTILITY LINE
- — LINE LEADS TOWARD BUILDING/INTO PRIVATE PROPERTY
- COP-36"VCP-QLD (UTILITY OWNER)-(SIZE AND/OR TYPE)-(ASCE QUALITY LEVEL)
- POINT NO. EXISTING GROUND ELEVATION DEPTH TO TOP EXISTING UTILITY TYPE
- SUE POTHOLE LOCATION POINT
- AREA OF UTILITY vs. DESIGN CONFLICT
- DESIGN INTERFERES WITH WATER LINES. EXPLANATION OF CONFLICTS

HORIZONTAL

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**VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT**

MADRID NEW MEXICO

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PROJ. MGR.	TDB	10/31/24	
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**DESIGN/UTILITY CONFLICTS
ICEHOUSE ROAD AREA
(1 OF 2)**

DRAWN	RW	DATE	---	DWG. NO.	G007	REV. NO.	B
SCALE		W.O. NO.	15740.001.003	SHT.	7	OF	76



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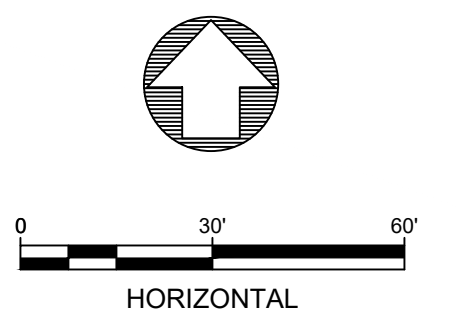
UTILITY LINETYPES	
	E ELECTRIC LINE
	OHE OVERHEAD ELECTRIC LINE
	T TELEPHONE LINE
	OHT OVERHEAD TELEPHONE LINE
	FOT FIBER OPTIC TELEPHONE LINE
	SD STORM DRAINAGE LINE
	W WATER LINE
	UNK UNKNOWN UTILITY LINE
	ASCE 38 INVESTIGATION BOUNDARY LINE
	END/ LOSS OF SIGNAL
	LIMITS OF ASCE 38 INVESTIGATION
	CHANGE OF ASCE 38 QUALITY LEVEL
	END OF UTILITY LINE
	LINE LEADS TOWARD BUILDING/INTO PRIVATE PROPERTY
	(UTILITY OWNER)-(SIZE AND/OR TYPE)-(ASCE QUALITY LEVEL)

UTILITY SYMBOLS

	ELECTRIC CABINET
	ELECTRIC JUNCTION BOX
	ELECTRIC MANHOLE
	ELECTRIC METER
	ELECTRIC TRANSFORMER
	LIGHT - ARM
	TELEPHONE CABINET
	TELEPHONE MANHOLE
	TELEPHONE RISER
	CATCH BASIN
	STORM DRAIN MANHOLE
	FIRE HYDRANT
	WATER METER
	WATER VALVE
	WATER WELL
	UTILITY POLE
	EDGE OF CONCRETE
	GUY ANCHOR

UTILITY CONFLICT SYMBOLS

	POINT NO	EXISTING GROUND ELEVATION
	DEPTH TO TOP	EXISTING UTILITY TYPE
	SUE POTHOLE LOCATION	POINT
	AREA OF UTILITY Vs. DESIGN CONFLICT	
	DESIGN INTERFERES WITH WATER LINES.	EXPLANATION OF CONFLICTS



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**VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT**

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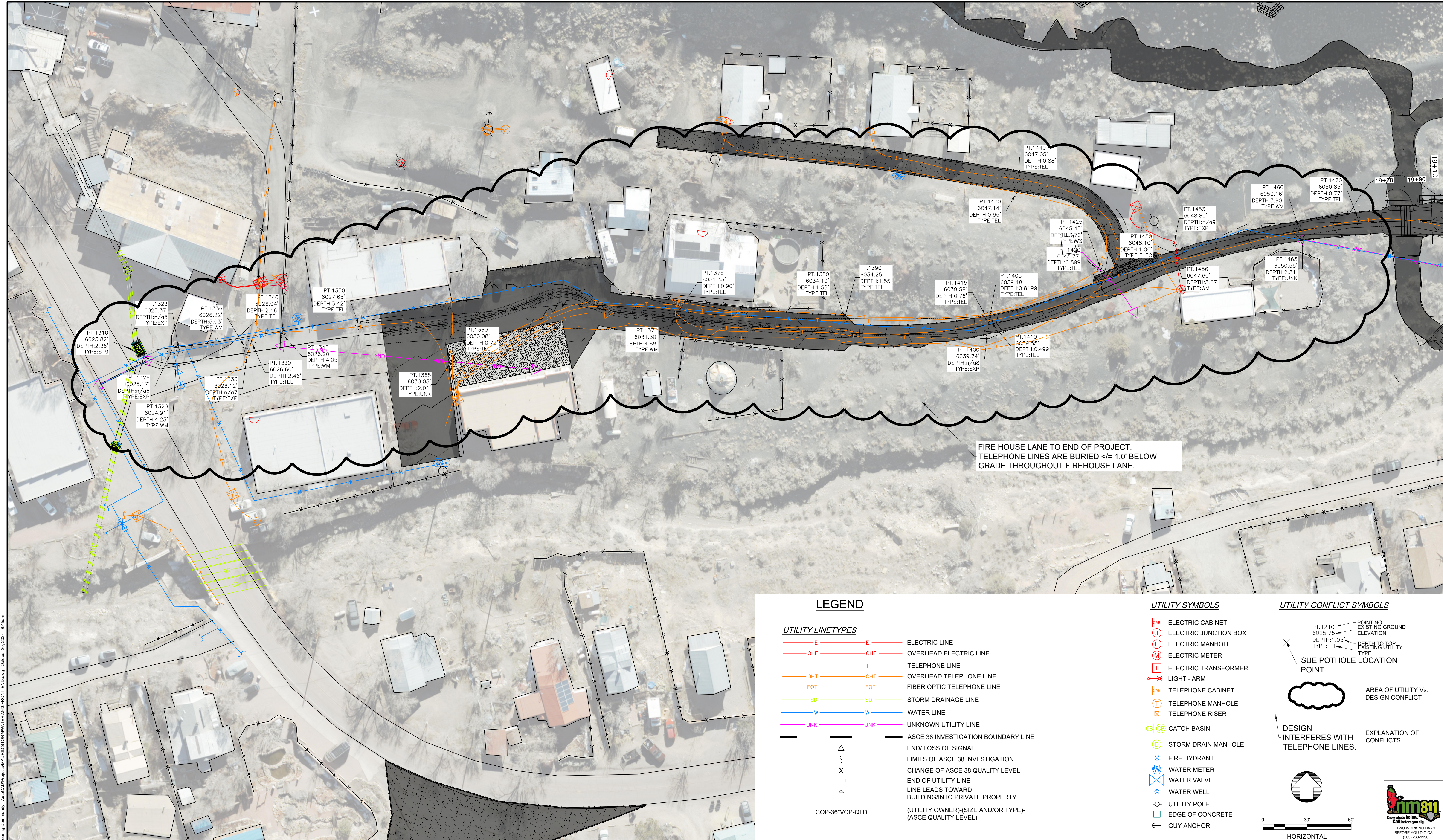
WESTON SOLUTIONS

ALBUQUERQUE NEW MEXICO

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PROJ. ENG. RGE	10/31/24		
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DESIGN/UTILITY CONFLICTS ICEHOUSE ROAD AREA (2 OF 2)	
DRAWN	RW
DATE	---
DWG. NO.	G008
REV. NO.	B
SCALE	15740.001.003
SHT.	8 OF 76



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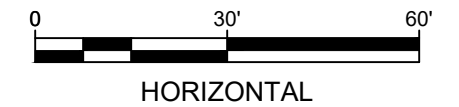
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	OHE OVERHEAD ELECTRIC LINE
	T TELEPHONE LINE
	OHT OVERHEAD TELEPHONE LINE
	FOT FIBER OPTIC TELEPHONE LINE
	SD STORM DRAINAGE LINE
	W WATER LINE
	UNK UNKNOWN UTILITY LINE
	ASCE 38 INVESTIGATION BOUNDARY LINE
	END/ LOSS OF SIGNAL
	LIMITS OF ASCE 38 INVESTIGATION
	CHANGE OF ASCE 38 QUALITY LEVEL
	END OF UTILITY LINE
	LINE LEADS TOWARD BUILDING/INTO PRIVATE PROPERTY
	(UTILITY OWNER)-(SIZE AND/OR TYPE)- (ASCE QUALITY LEVEL)

UTILITY SYMBOLS

	ELECTRIC CABINET
	ELECTRIC JUNCTION BOX
	ELECTRIC MANHOLE
	ELECTRIC METER
	ELECTRIC TRANSFORMER
	LIGHT - ARM
	TELEPHONE CABINET
	TELEPHONE MANHOLE
	TELEPHONE RISER
	CATCH BASIN
	STORM DRAIN MANHOLE
	FIRE HYDRANT
	WATER METER
	WATER VALVE
	WATER WELL
	UTILITY POLE
	EDGE OF CONCRETE
	GUY ANCHOR

UTILITY CONFLICT SYMBOLS

	POINT NO
	EXISTING GROUND ELEVATION
	DEPTH TO TOP EXISTING UTILITY TYPE
	SUE POTHOLE LOCATION POINT
	AREA OF UTILITY Vs. DESIGN CONFLICT
	DESIGN INTERFERES WITH TELEPHONE LINES.
	EXPLANATION OF CONFLICTS



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**VILLAGE OF MADRID, NM
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MADRID NEW MEXICO

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DESIGN/UTILITY CONFLICTS FIREHOUSE LANE AREA (1 OF 2)		DWG. NO.	REV. NO.
SCALE	RW	G009	B
DATE	W.O. NO.	15740.001.003	
SHT	OF	9	76



LEGEND

- UTILITY LINETYPES**
- E ELECTRIC LINE
 - OHE OVERHEAD ELECTRIC LINE
 - T TELEPHONE LINE
 - OHT OVERHEAD TELEPHONE LINE
 - FOT FIBER OPTIC TELEPHONE LINE
 - SD STORM DRAINAGE LINE
 - W WATER LINE
 - UNK UNKNOWN UTILITY LINE
- ASCE 38 INVESTIGATION BOUNDARY LINE
- END/ LOSS OF SIGNAL
- LIMITS OF ASCE 38 INVESTIGATION
- CHANGE OF ASCE 38 QUALITY LEVEL
- END OF UTILITY LINE
- LINE LEADS TOWARD BUILDING/INTO PRIVATE PROPERTY (UTILITY OWNER)-(SIZE AND/OR TYPE)-(ASCE QUALITY LEVEL)
- UTILITY SYMBOLS**
- CAB ELECTRIC CABINET
 - J ELECTRIC JUNCTION BOX
 - E ELECTRIC MANHOLE
 - M ELECTRIC METER
 - T ELECTRIC TRANSFORMER
 - LIGHT - ARM
 - CAB TELEPHONE CABINET
 - T TELEPHONE MANHOLE
 - R TELEPHONE RISER
 - CB CATCH BASIN
 - SDM STORM DRAIN MANHOLE
 - FH FIRE HYDRANT
 - WM WATER METER
 - WV WATER VALVE
 - WW WATER WELL
 - UP UTILITY POLE
 - EC EDGE OF CONCRETE
 - GA GUY ANCHOR
- UTILITY CONFLICT SYMBOLS**
- POINT NO. EXISTING GROUND ELEVATION
 - DEPTH TO TOP EXISTING UTILITY TYPE
 - SUE POTHOLE LOCATION POINT
 - AREA OF UTILITY Vs. DESIGN CONFLICT
 - DESIGN INTERFERES WITH COMM LINES.
 - EXPLANATION OF CONFLICTS
- COP-36"VCP-QLD
- 0 30' 60'
- HORIZONTAL

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**VILLAGE OF MADRID, NM
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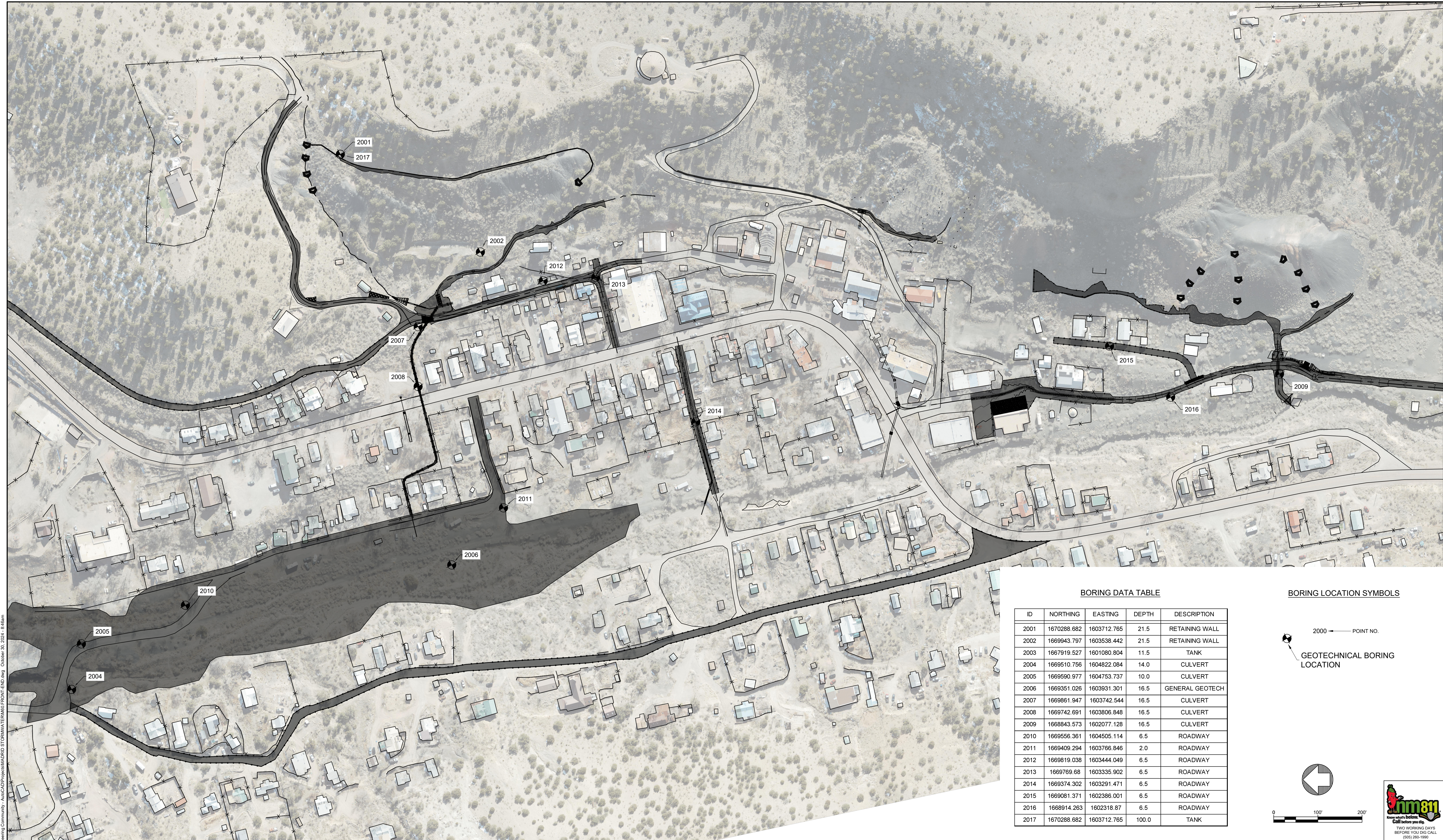


**DESIGN/UTILITY CONFLICTS
FIREHOUSE LANE AREA
(2 OF 2)**

DRAWN	RW	DATE	---	DWG. NO.	G010	REV. NO.	B
SCALE		W.O. NO.	15740.001.003	SHT	10	OF	76

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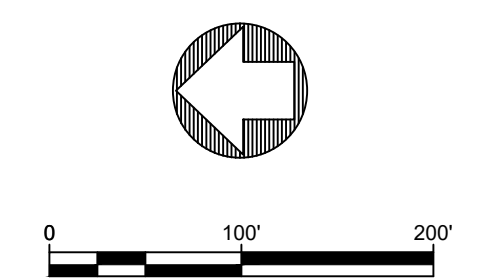
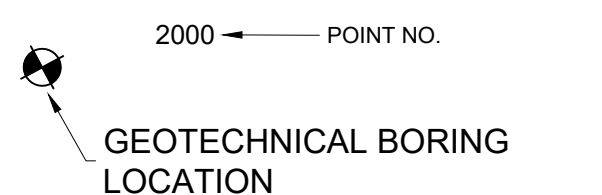




BORING DATA TABLE

ID	NORTHING	EASTING	DEPTH	DESCRIPTION
2001	1670288.682	1603712.765	21.5	RETAINING WALL
2002	1669943.797	1603538.442	21.5	RETAINING WALL
2003	1667919.527	1601080.804	11.5	TANK
2004	1669510.756	1604822.084	14.0	CULVERT
2005	1669590.977	1604753.737	10.0	CULVERT
2006	1669351.026	1603931.301	16.5	GENERAL GEOTECH
2007	1669861.947	1603742.544	16.5	CULVERT
2008	1669742.691	1603806.848	16.5	CULVERT
2009	1668843.573	1602077.128	16.5	CULVERT
2010	1669556.361	1604505.114	6.5	ROADWAY
2011	1669409.294	1603766.846	2.0	ROADWAY
2012	1669819.038	1603444.049	6.5	ROADWAY
2013	1669769.68	1603335.902	6.5	ROADWAY
2014	1669374.302	1603291.471	6.5	ROADWAY
2015	1669081.371	1602386.001	6.5	ROADWAY
2016	1668914.263	1602318.87	6.5	ROADWAY
2017	1670288.682	1603712.765	100.0	TANK

BORING LOCATION SYMBOLS



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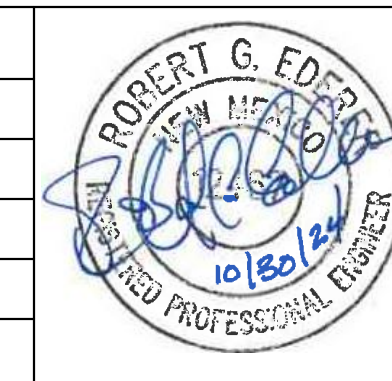
**VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT**

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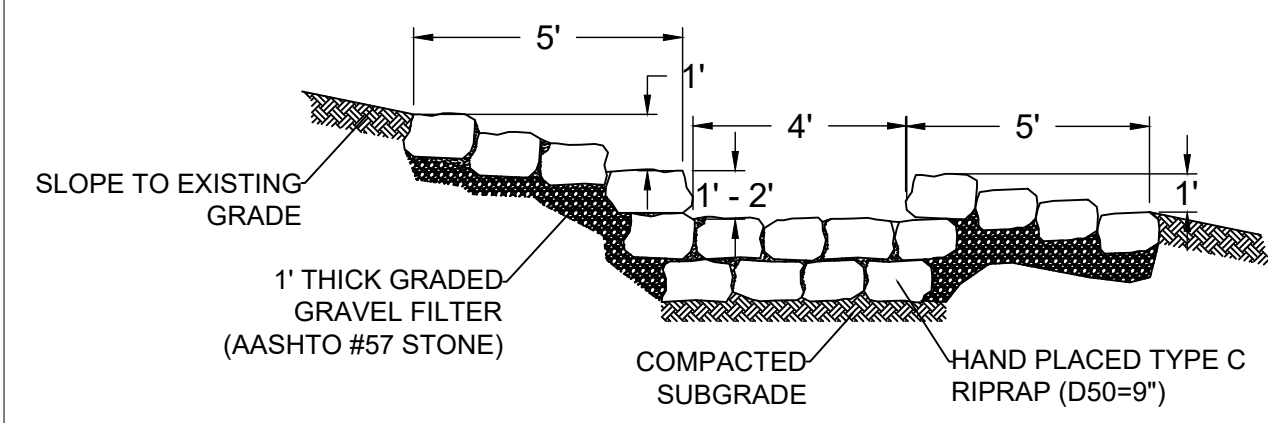
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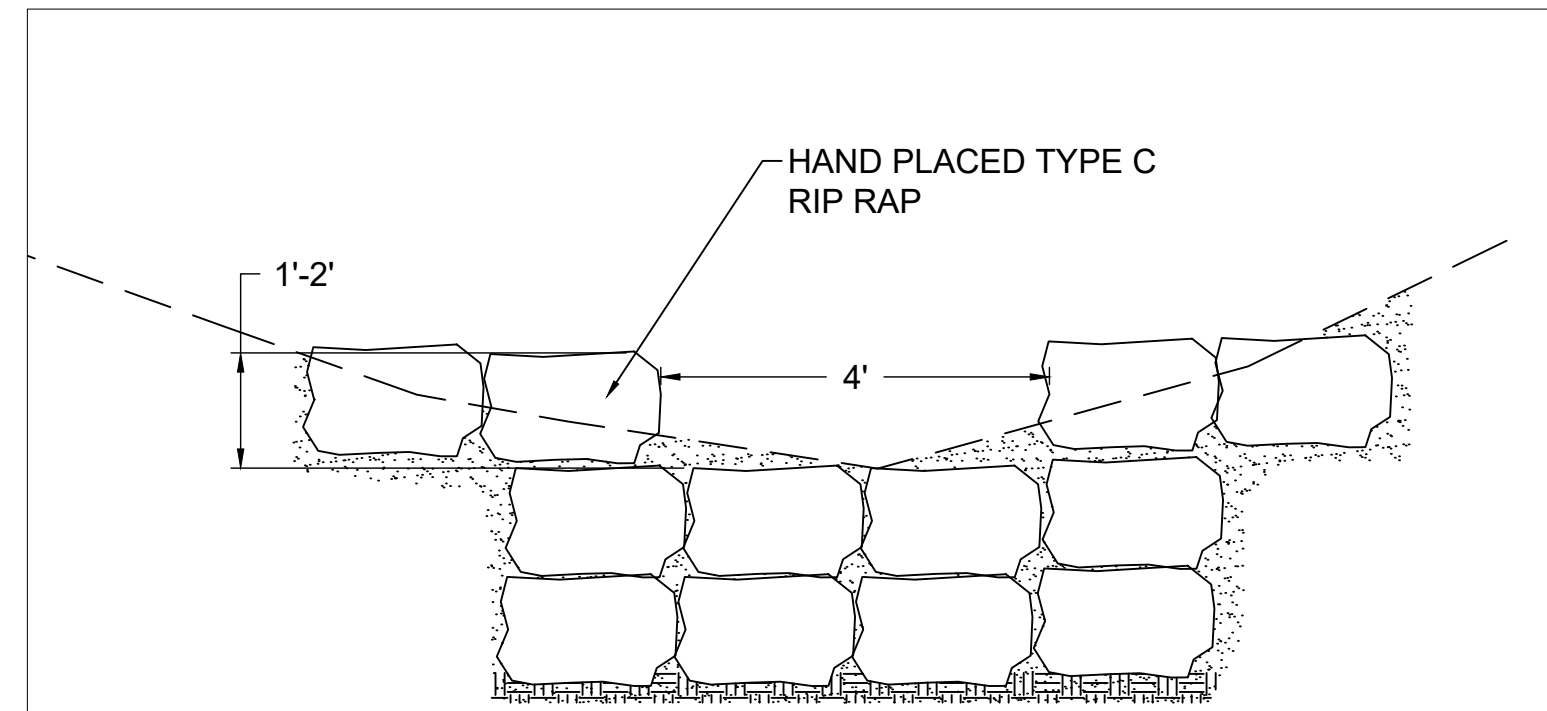


**GEOTECHNICAL SOIL BORINGS
LOCATION MAP**

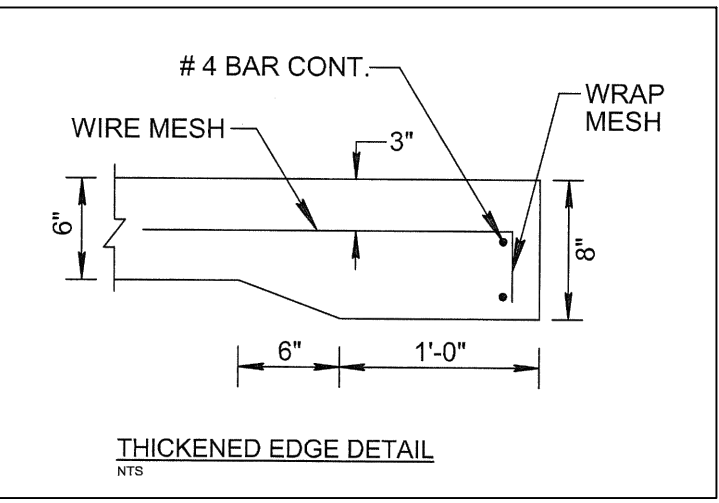
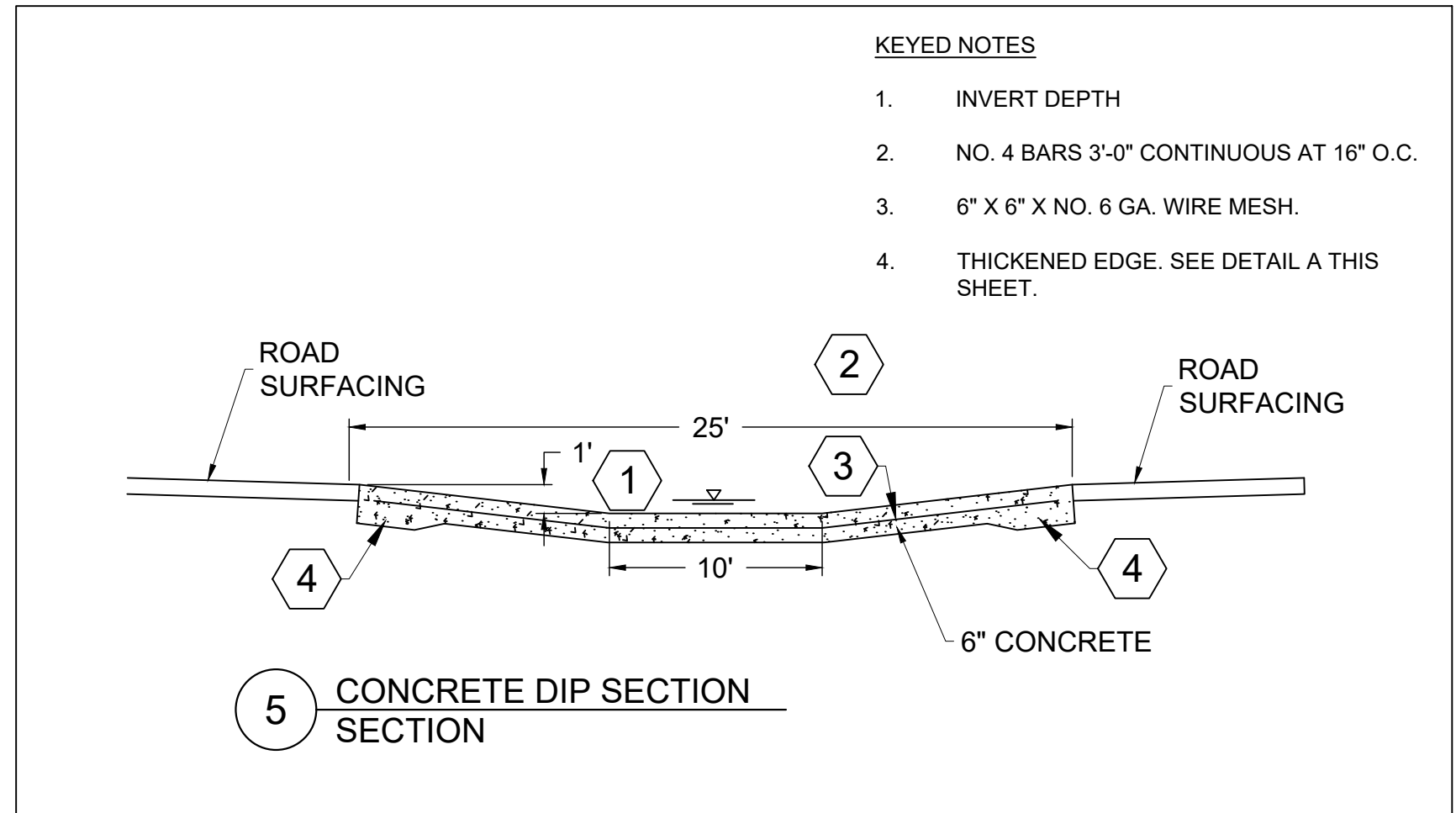
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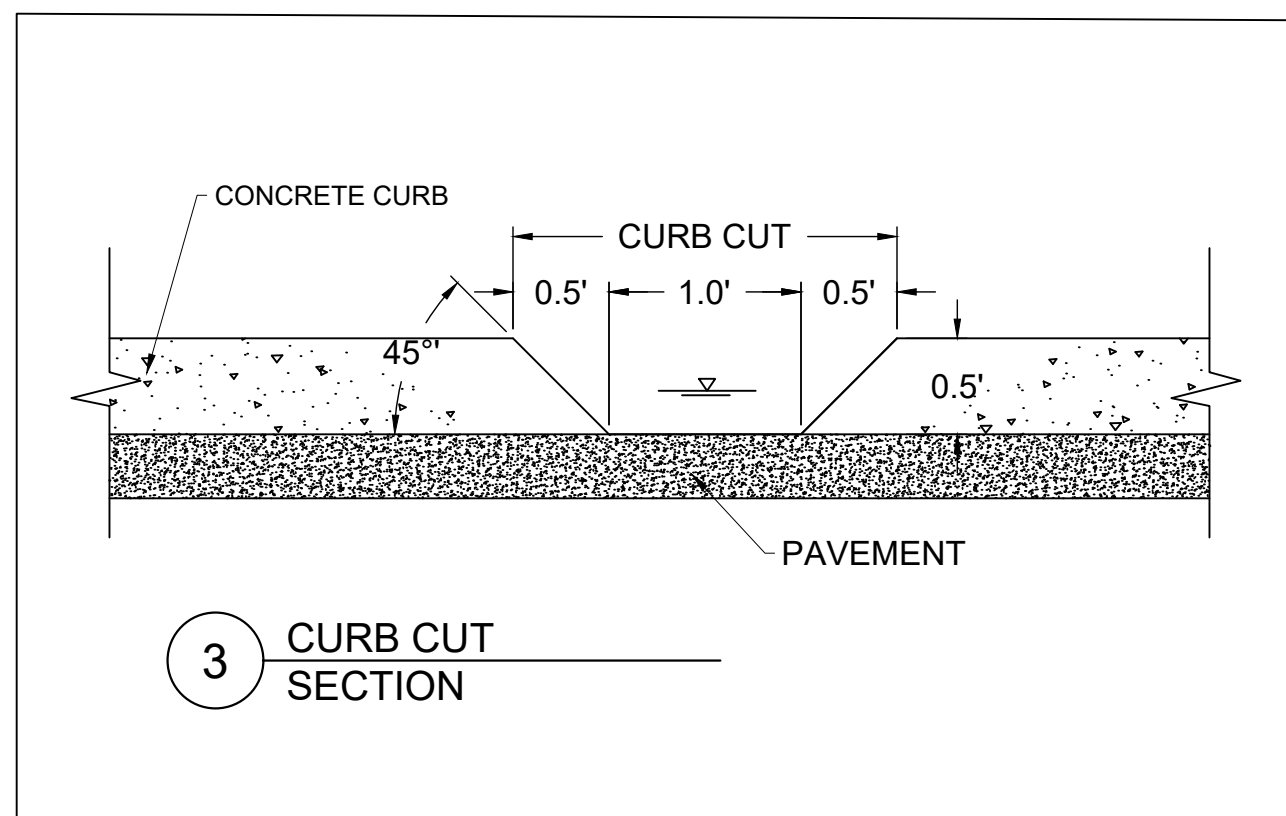
1 PLUNGE POOL PROFILE



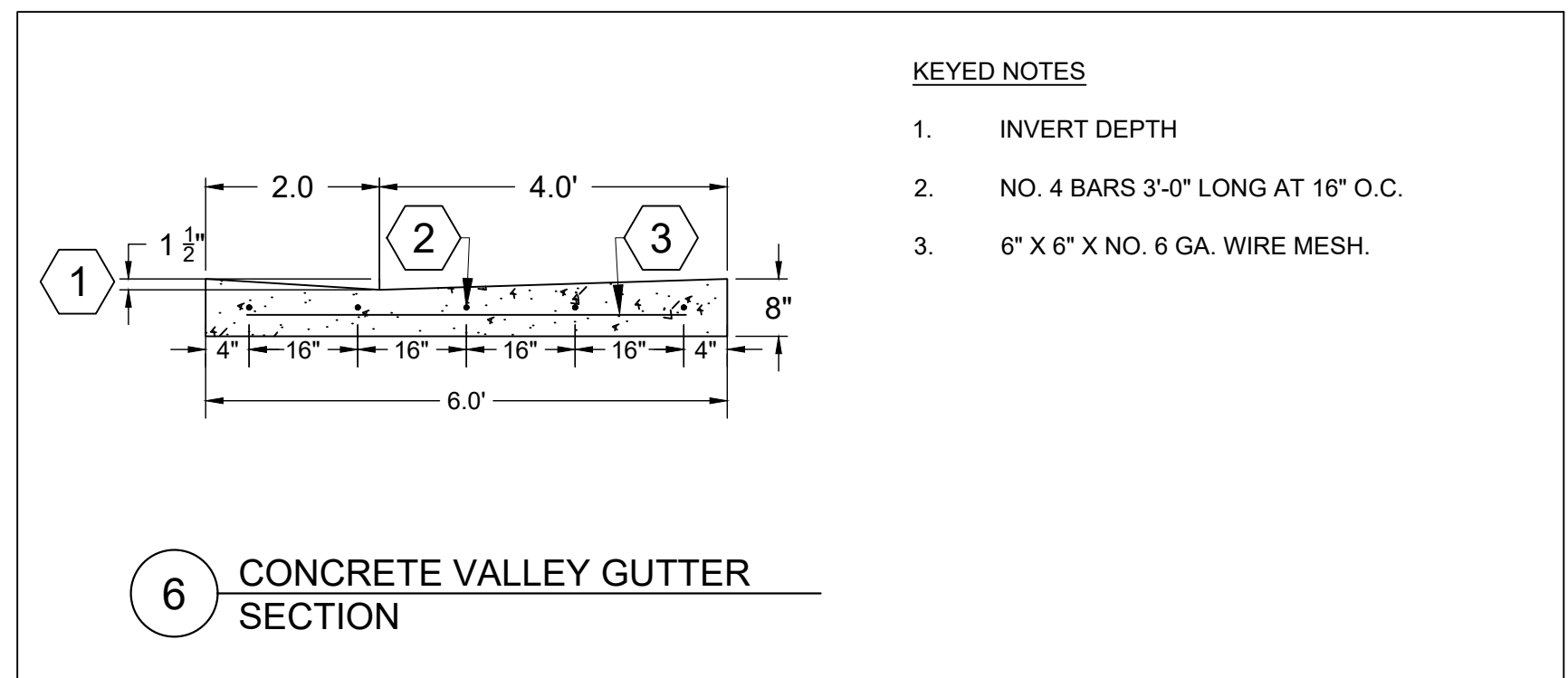
2 PLUNGE POOL SECTION



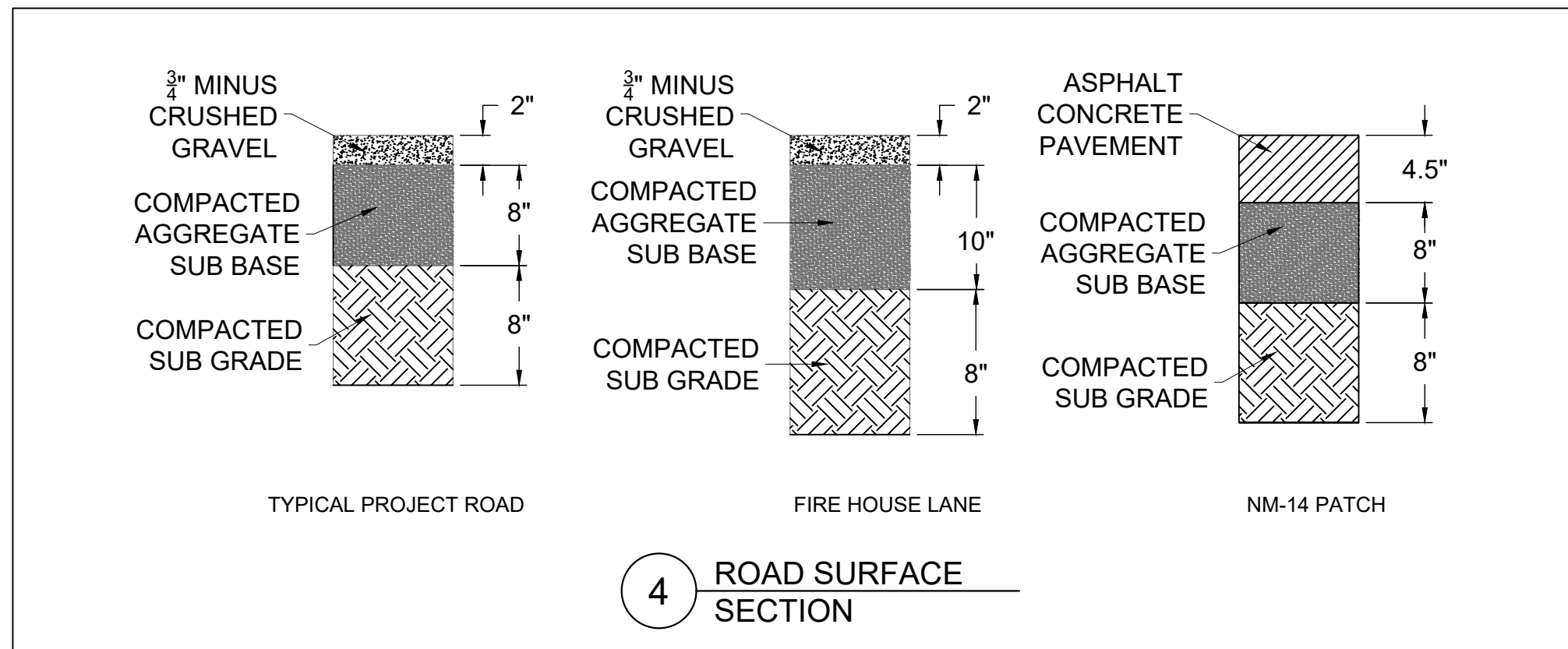
A THICKENED EDGE SECTION



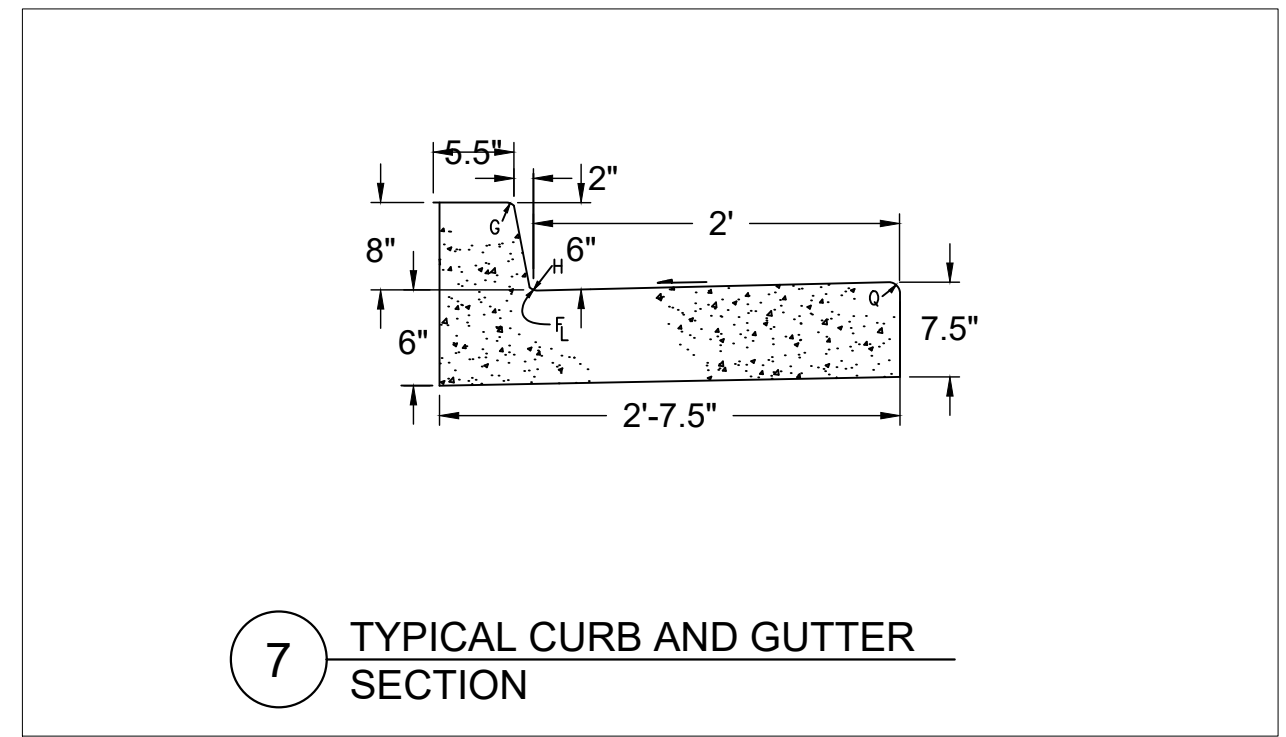
3 CURB CUT SECTION



6 CONCRETE VALLEY GUTTER SECTION



4 ROAD SURFACE SECTION



7 TYPICAL CURB AND GUTTER SECTION

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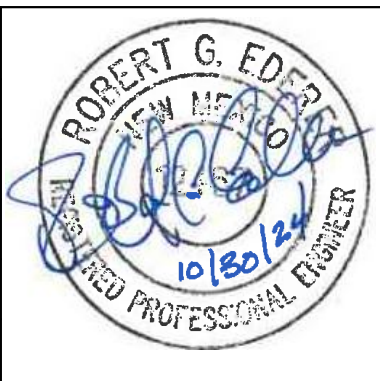
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STORM WATER & EROSION CONTROL PROJECT**

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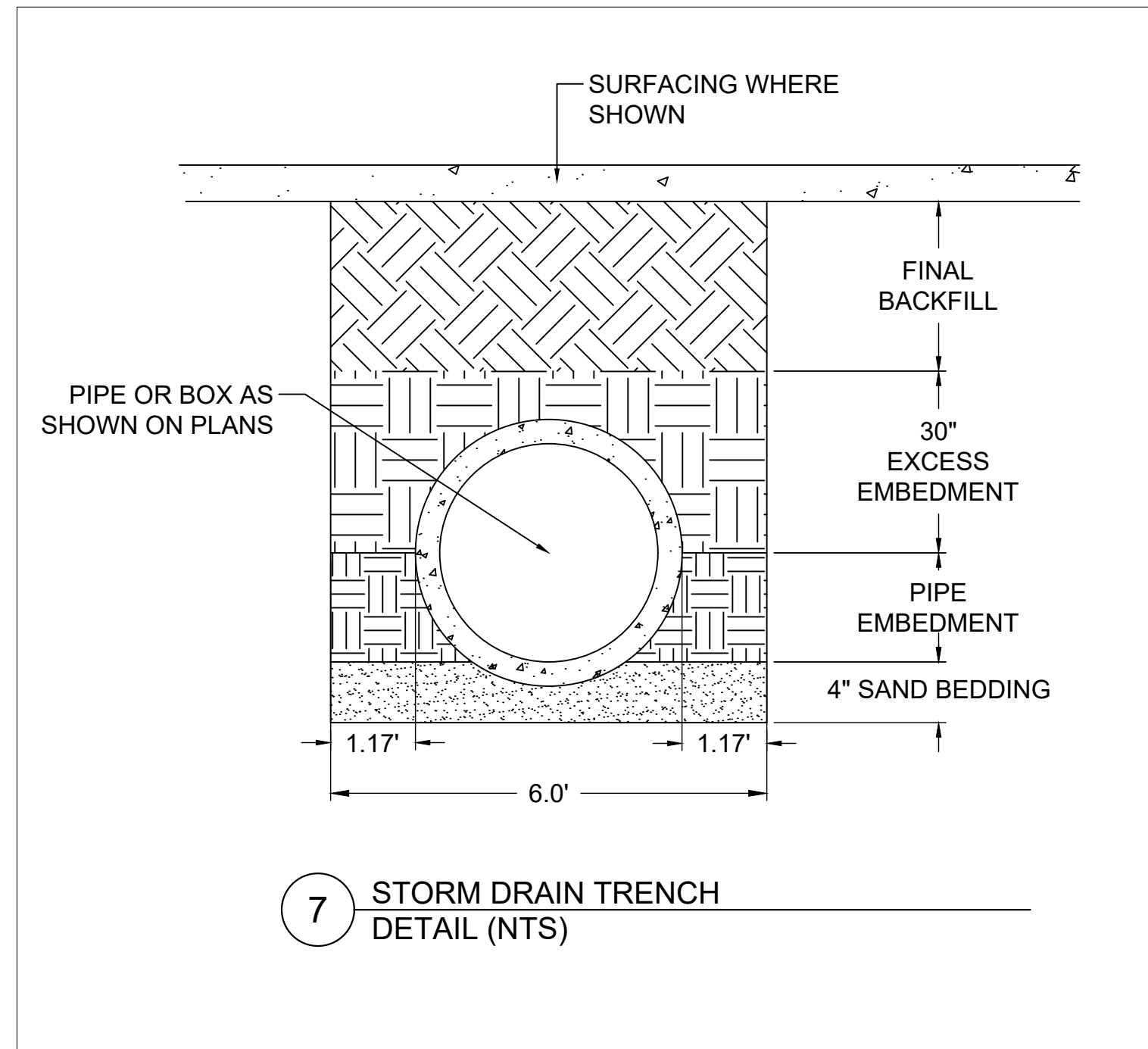
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PROJ. ENG.	RGE	10/31/24	
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**STORM WATER CONTROLS
DETAILS (1 OF 2)**

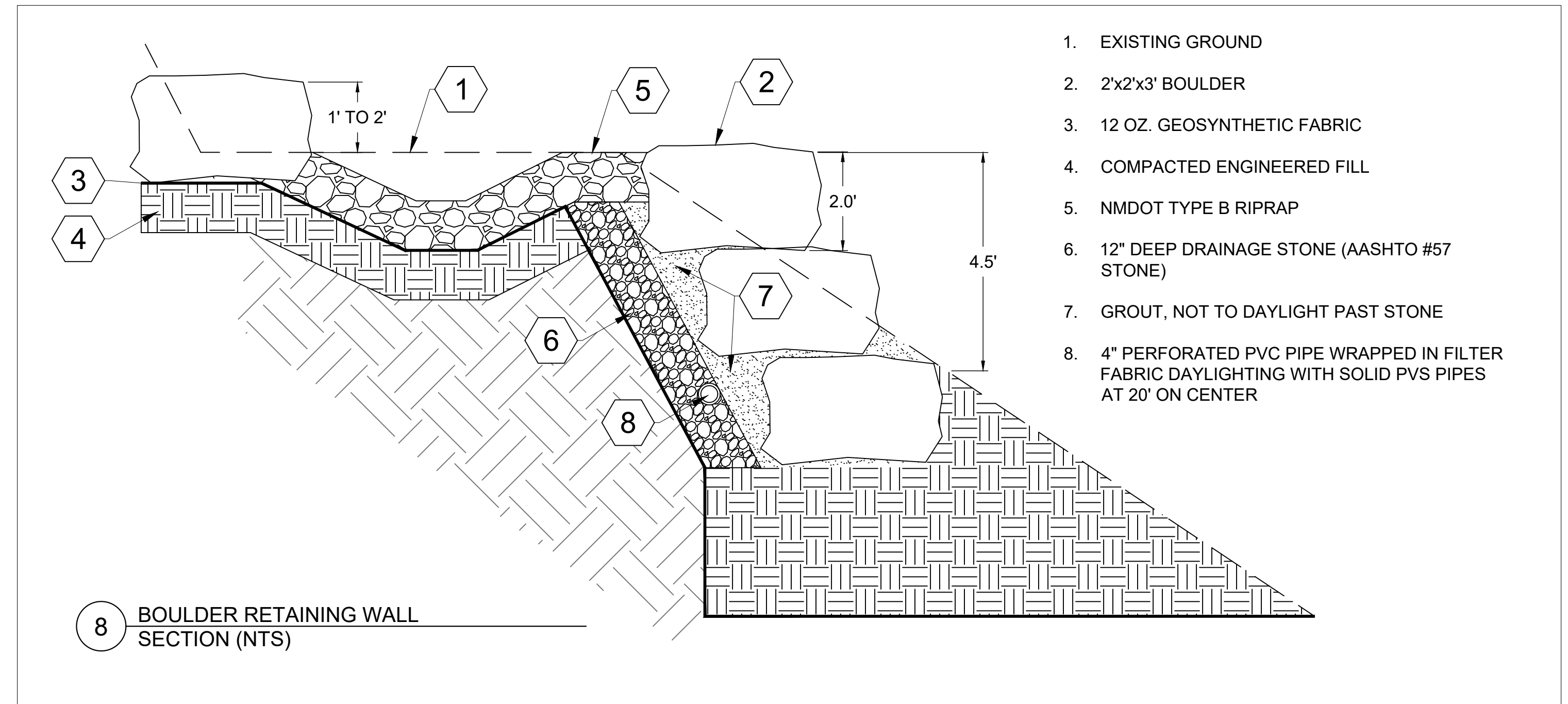
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SCALE		W.O. NO.					
		15740.001.003		SHT.	12	OF	76





TRENCH NOTES

- A. SAND BEDDING AND SELECT BACKFILL SHALL NOT CONTAIN ROCK GREATER THAN 2" INCHES IN ANY DIMENSION. MECHANICALLY TAMP TO COMPACT.
- B. PLACE BACKFILL IN 12" LOOSE LIFTS AND COMPACT TO 95% OF MAXIMUM DENSITY PER ASTM D698.
- C. FOR MULTIPLE UTILITIES, SPACE 6" BETWEEN PIPES. PROVIDE 6" FROM EDGE OF PIPE TO WALL OF TRENCH



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VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT

MADRID NEW MEXICO

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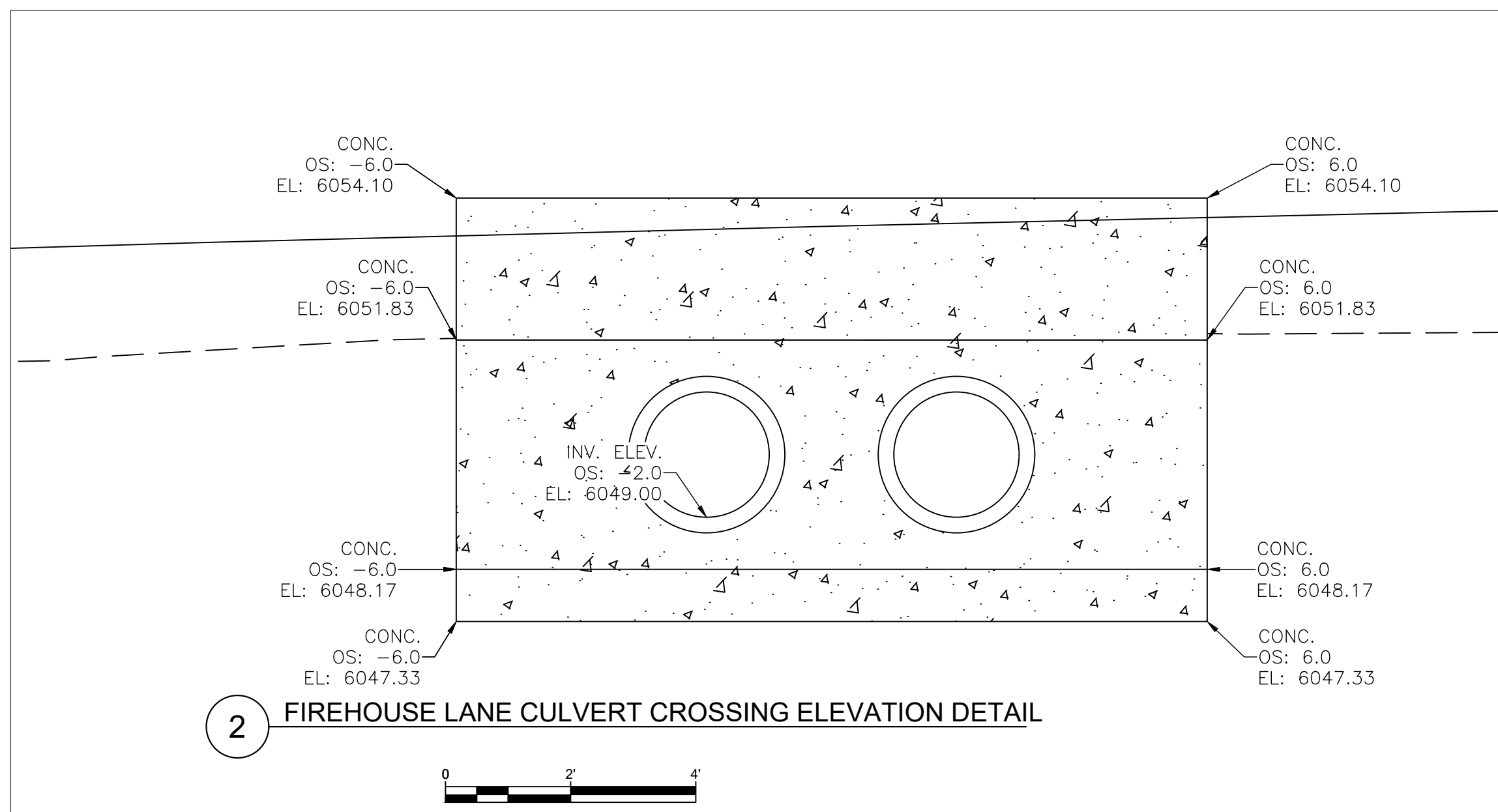
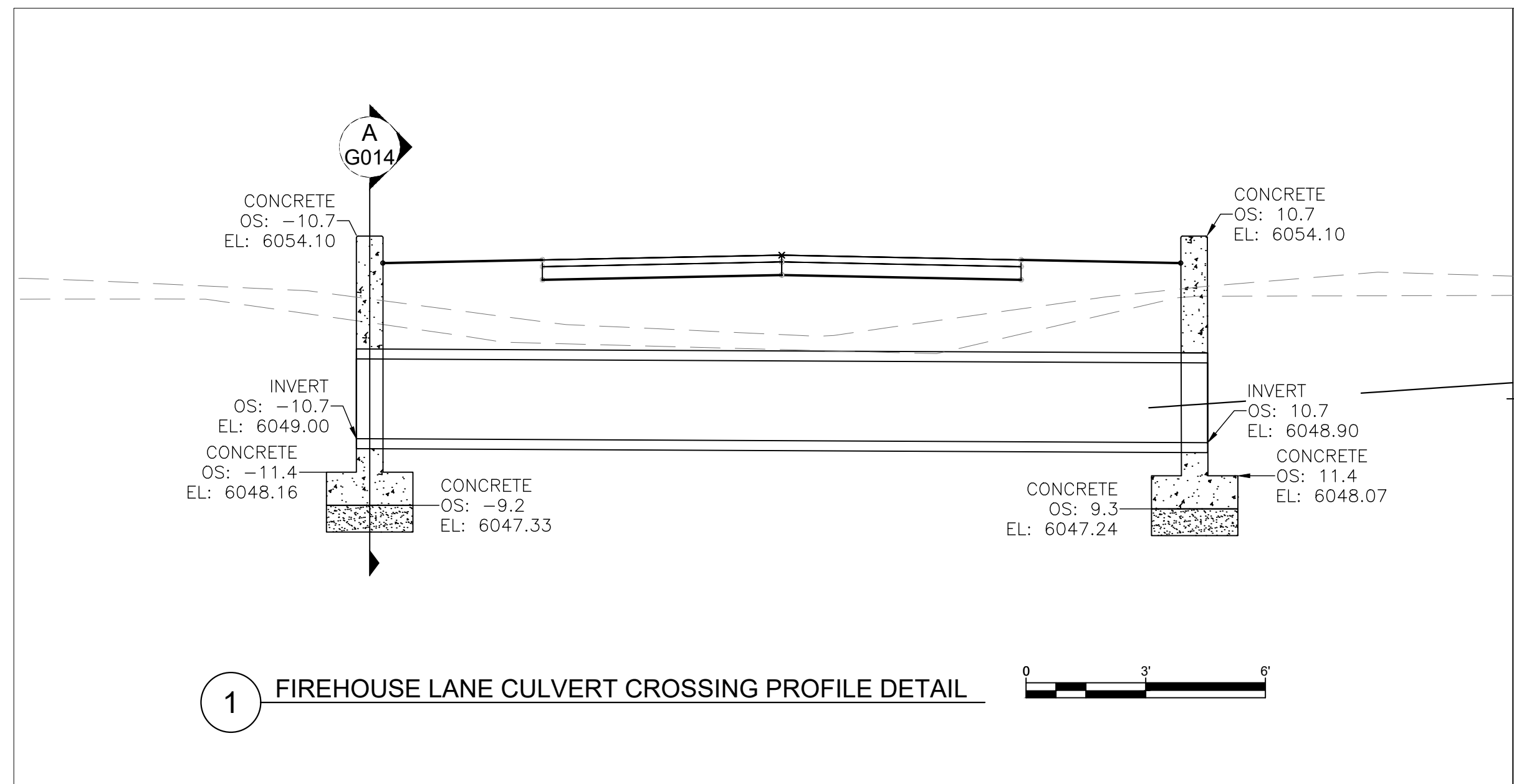
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STORM WATER CONTROLS
DETAILS (2 OF 2)

DRAWN	RW	DATE	---	DWG. NO.	G013	REV. NO.	B
SCALE		W.O. NO.		15740.001.003		SHT.	13 OF 76



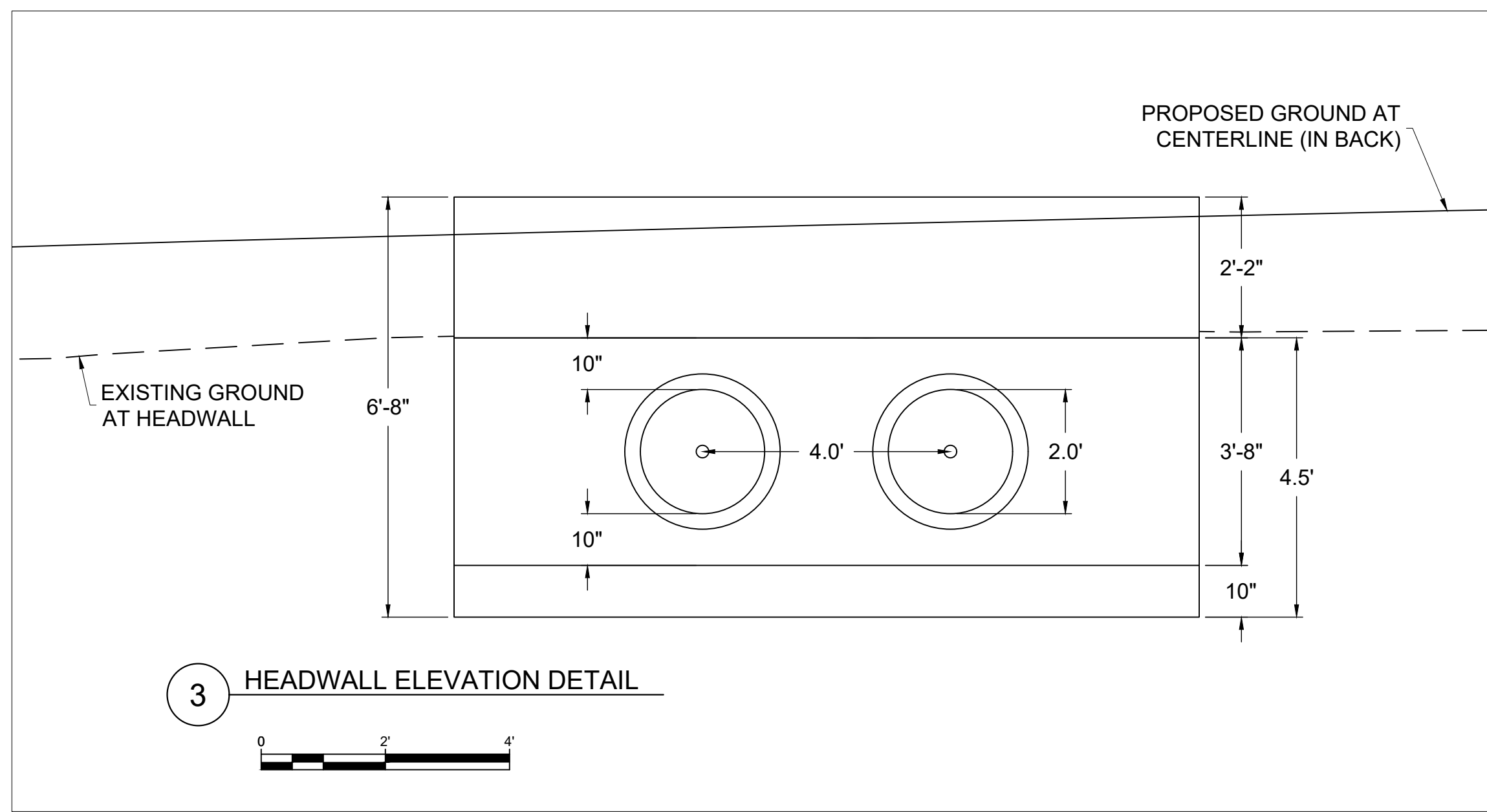
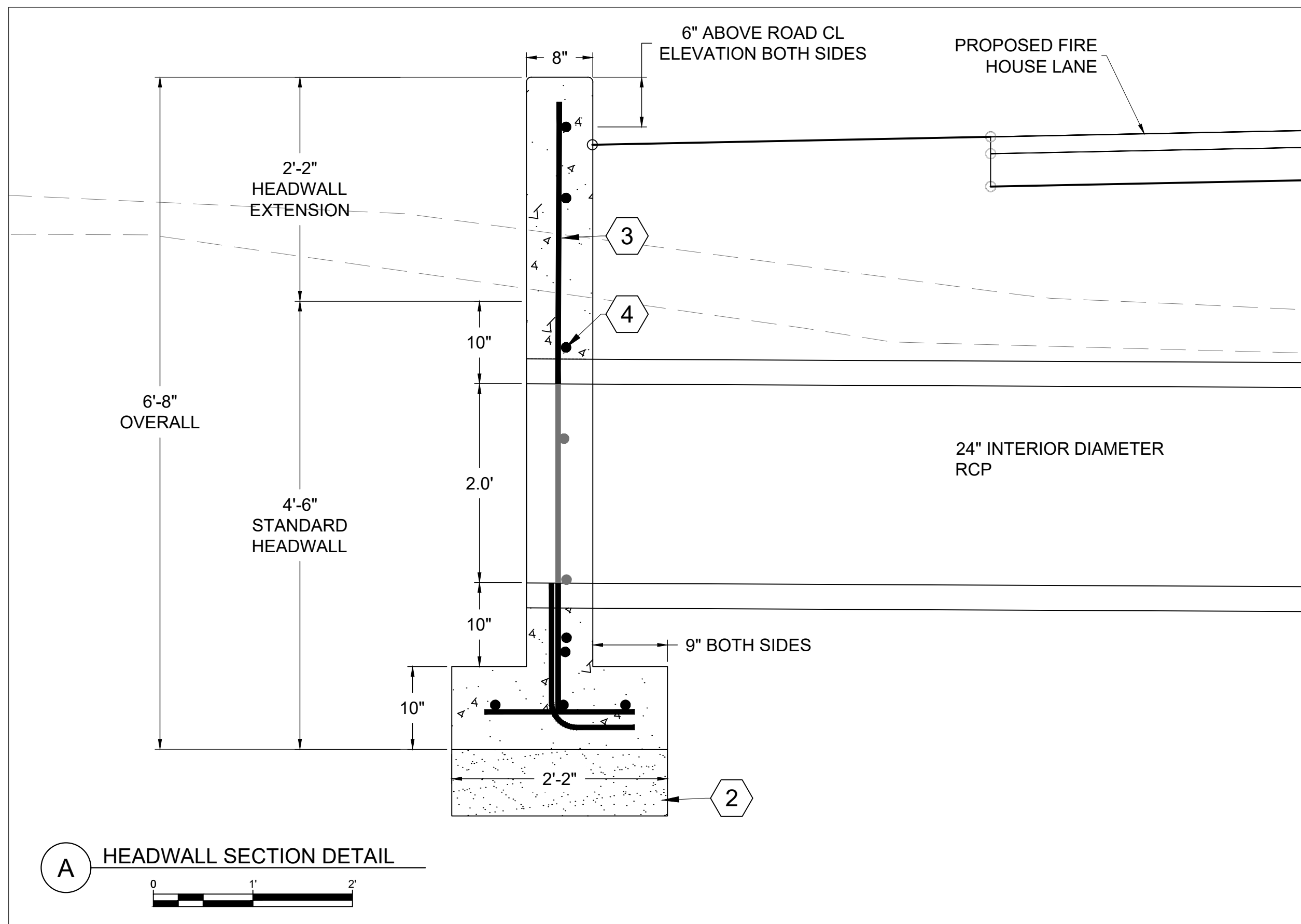


KEYED NOTES

1. REINFORCE PER NMDOT STANDARD DETAILS, PIPE CULVERT HEADWALLS - SHEET 511-03-1/1. SEE SHEET C-602.
2. PLACE ON 8" OF COARSE AGGREGATE.
3. #16 VERTICAL BARS @ 1'-2" O.C.
4. #8 HORIZONTAL BARS @ 1'-5" O.C.
5. #4 REBAR HOOP PLACED 2" OFFSET FROM PIPE OD.

CONSTRUCTION NOTES

- A. CONSTRUCT HEADWALLS PER NMDOT STANDARD DRAWING SERIAL 511-03-1/1. SEE DWG NO C602



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NO.	DATE	APPR	REVISION	NO.	DATE	APPR	REVISION
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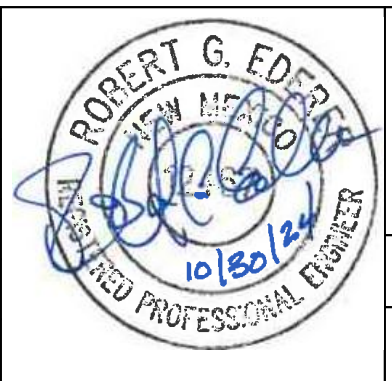
**VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT**

MADRID NEW MEXICO

WESTON SOLUTIONS

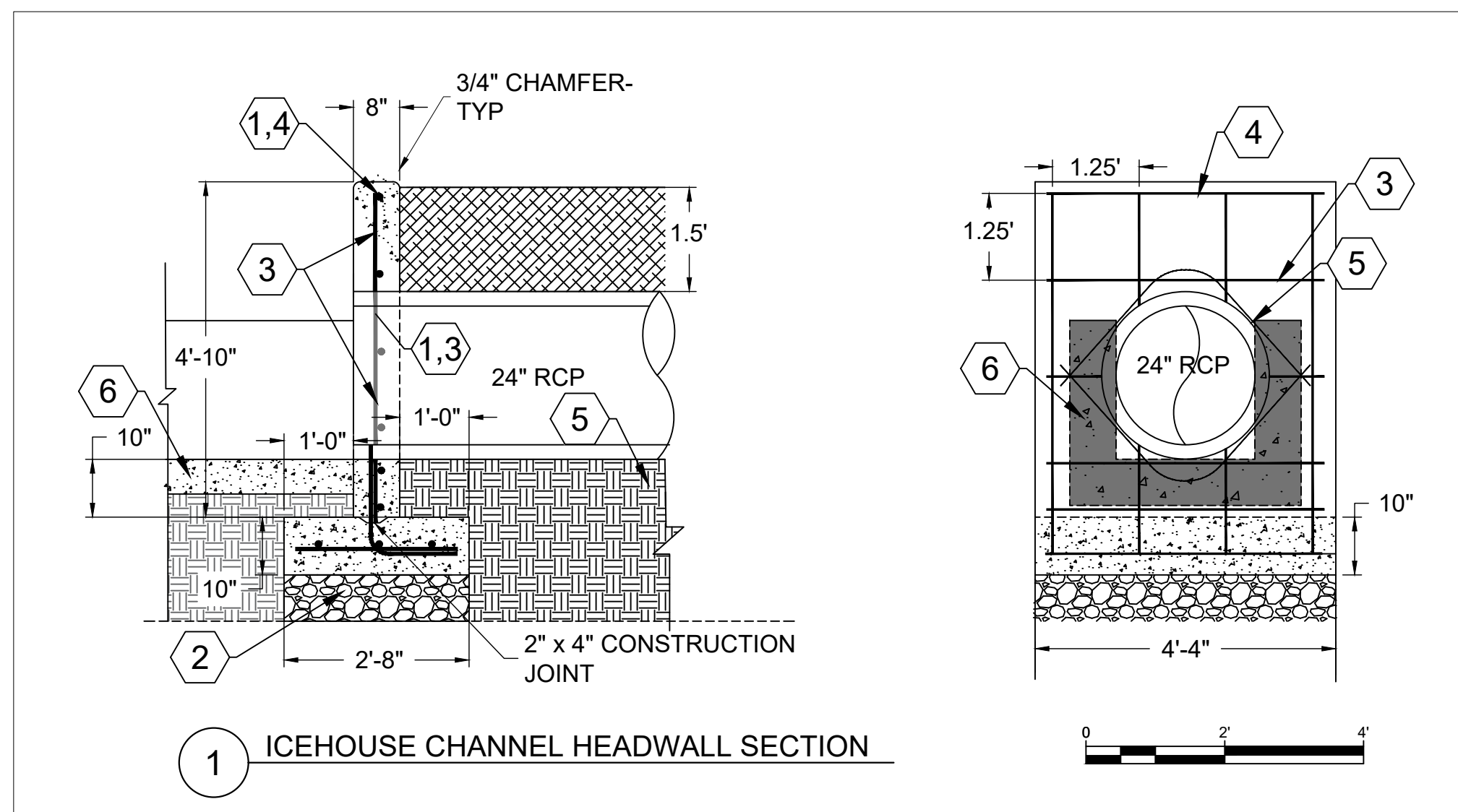
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APPROVED			



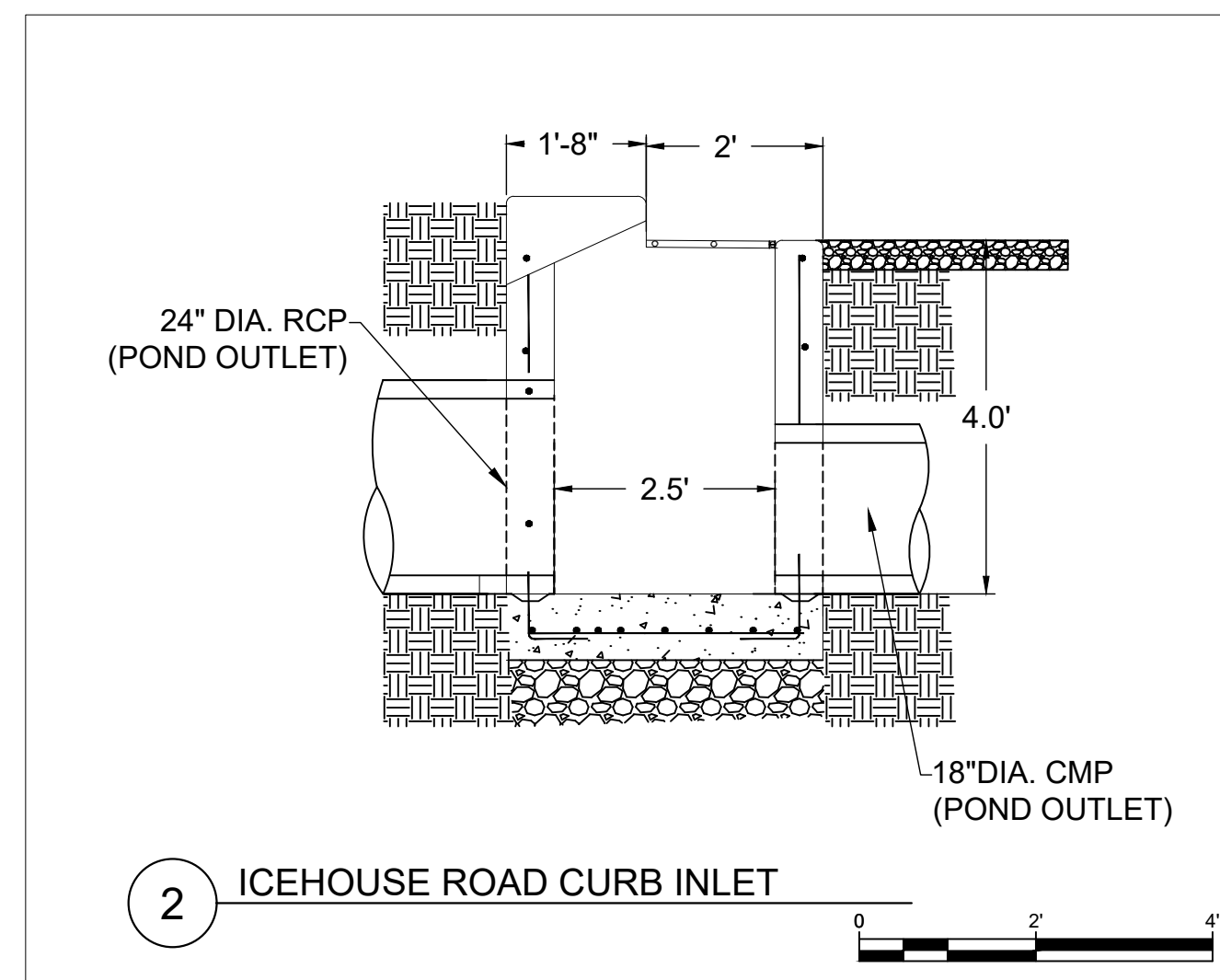
**FIREHOUSE LANE CULVERT
CROSSING DETAILS**

DRAWN	RW	DATE	---	DWG. NO.	G014	REV. NO.	B
SCALE		W.O. NO.		15740.001.003		SHT	14 OF 76



HEADWALL KEY NOTES:

1. REINFORCE PER NMDOT STANDARD DETAILS, PIPE CULVERT HEADWALLS - SHEET 511-03-1/1. SEE SHEET C-602.
2. PLACE ON 8" OF COARSE AGGREGATE.
3. #16 VERTICAL BARS @ 1'-2" O.C.
4. #8 HORIZONTAL BARS @ 1'-5" O.C.
5. #4 REBAR HOOP PLACED 2" OFFSET FROM PIPE OD.
6. REINFORCED CONCRETE LINED CHANNEL



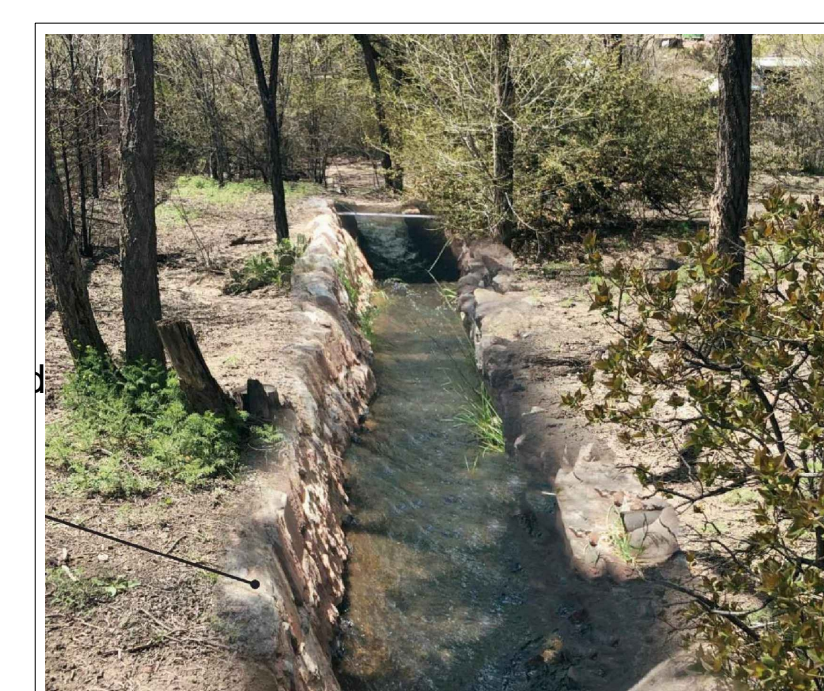
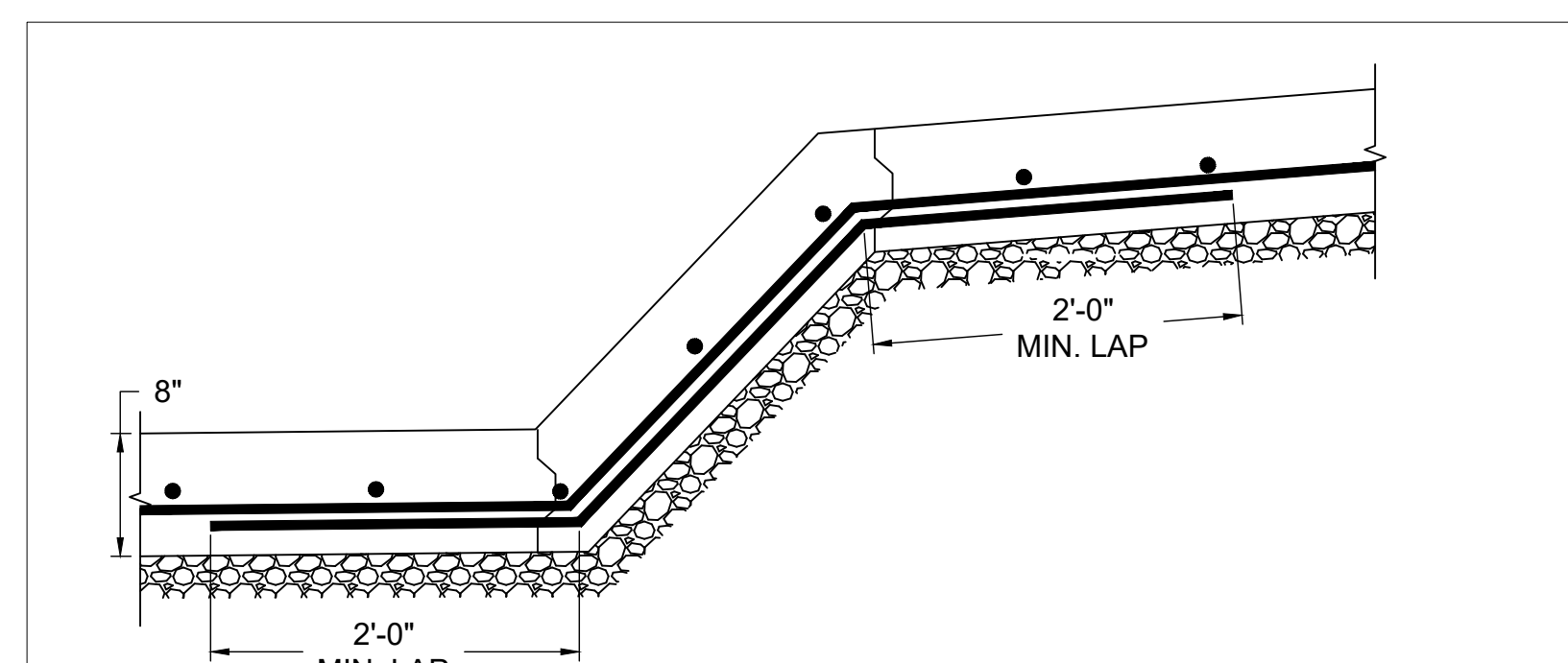
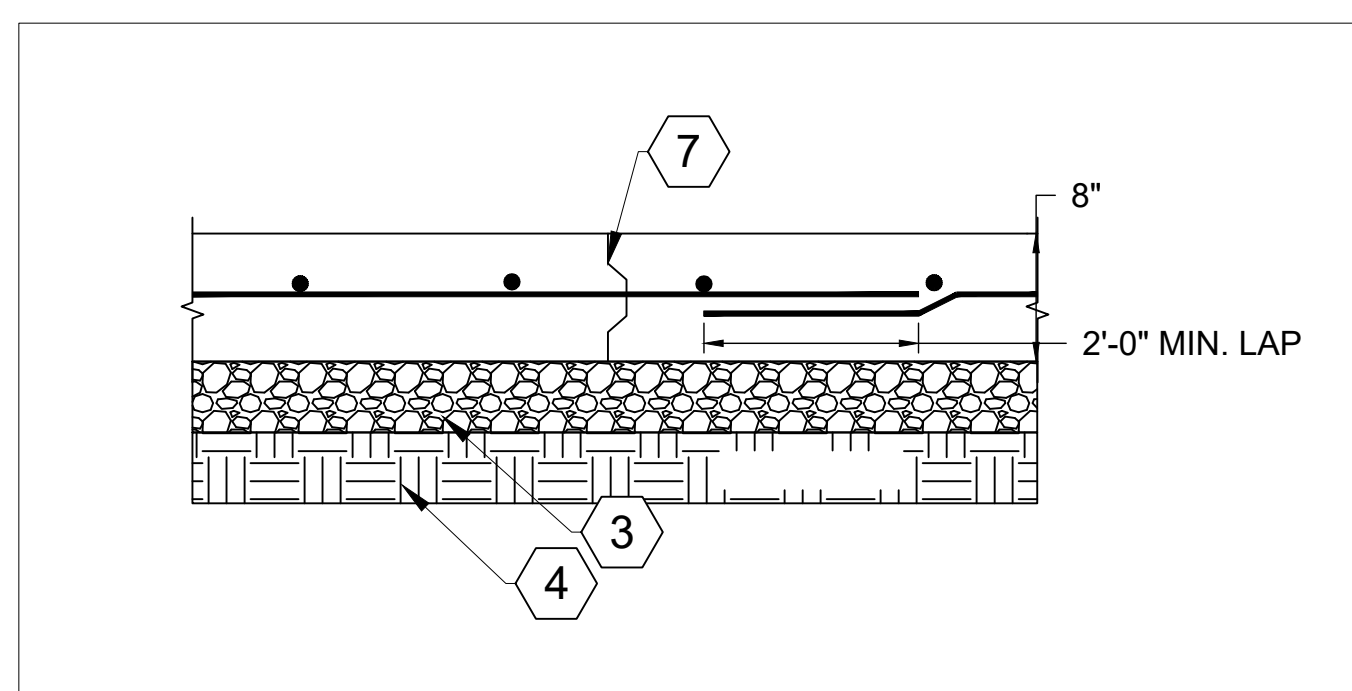
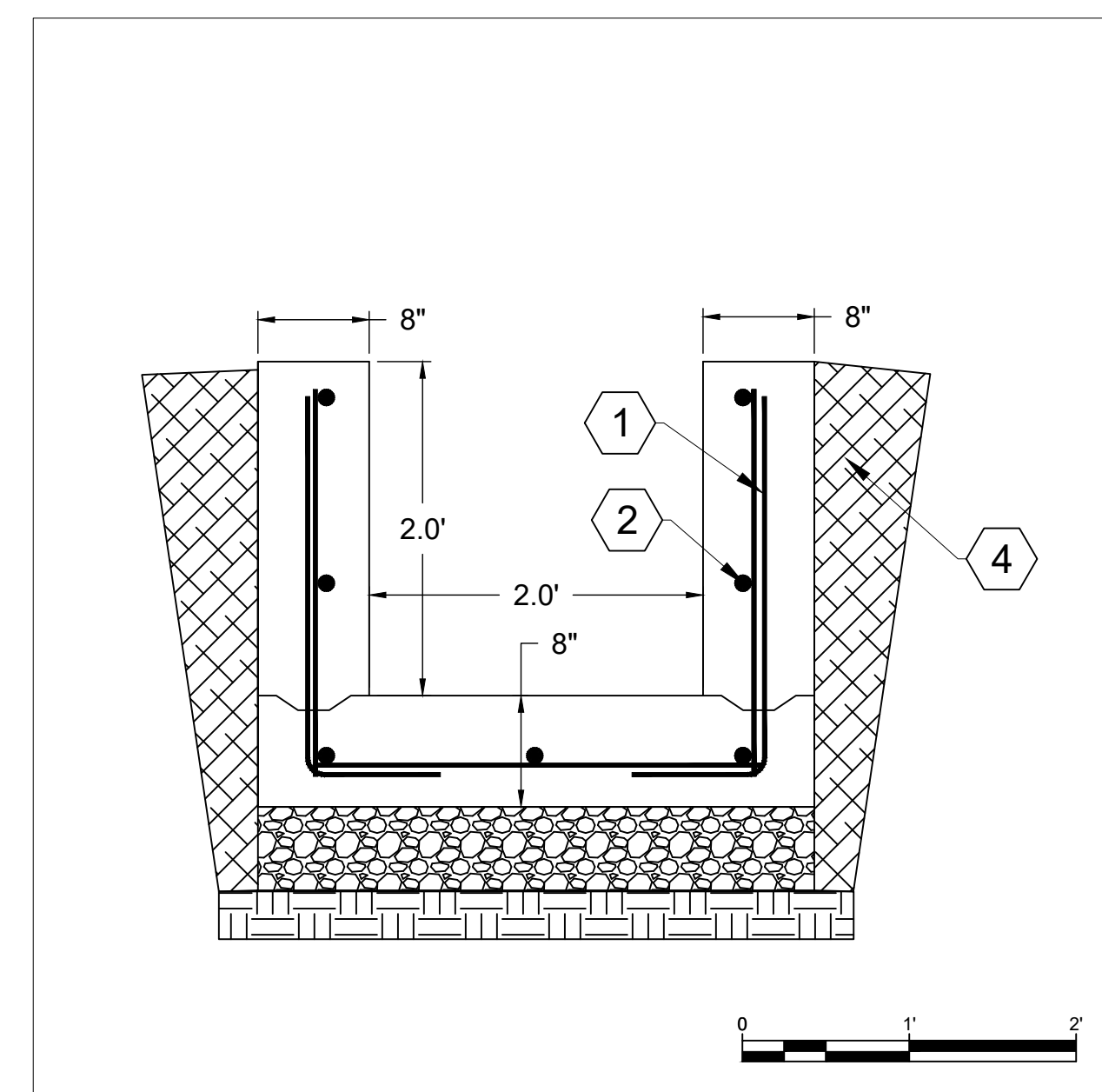
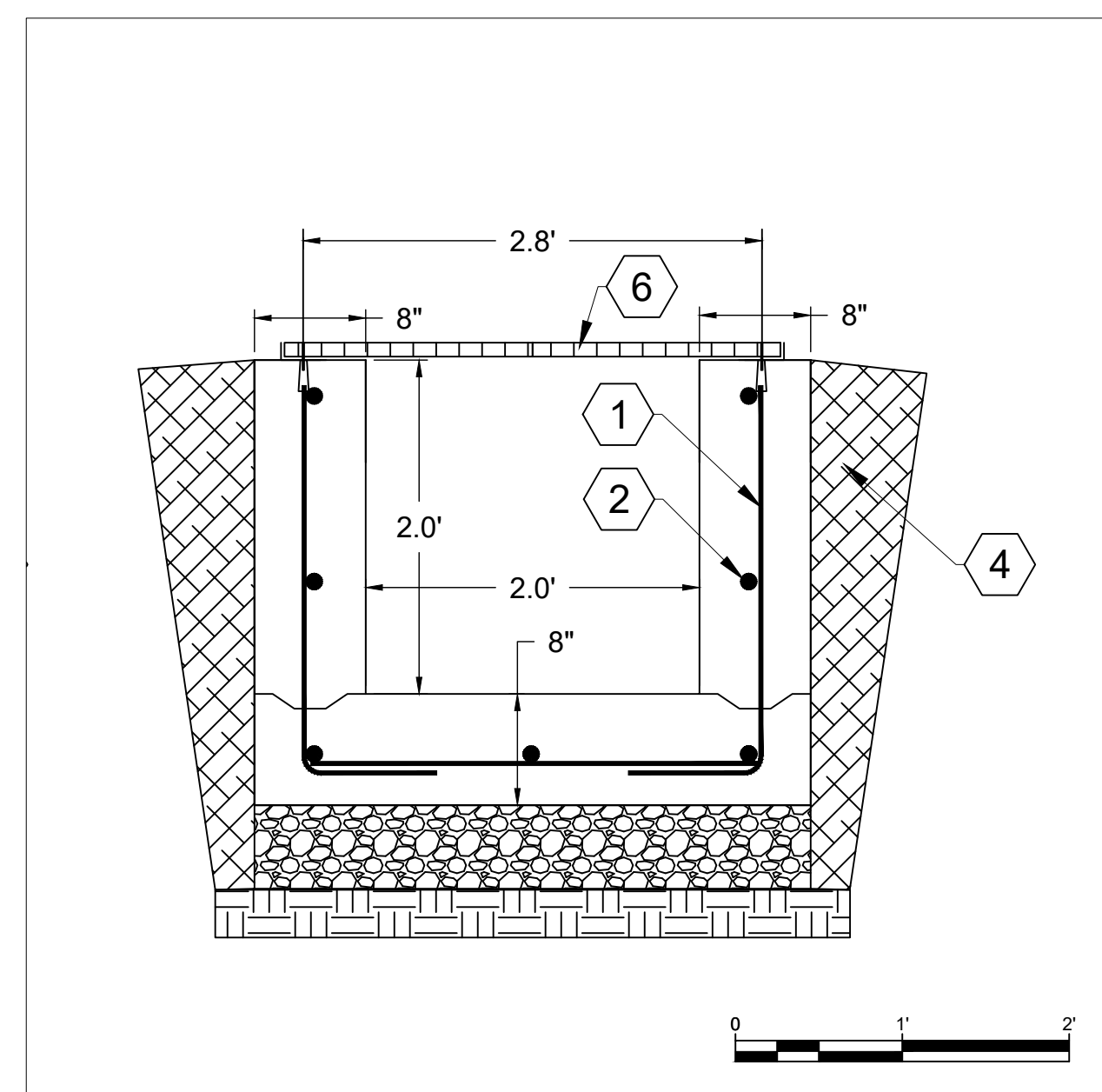
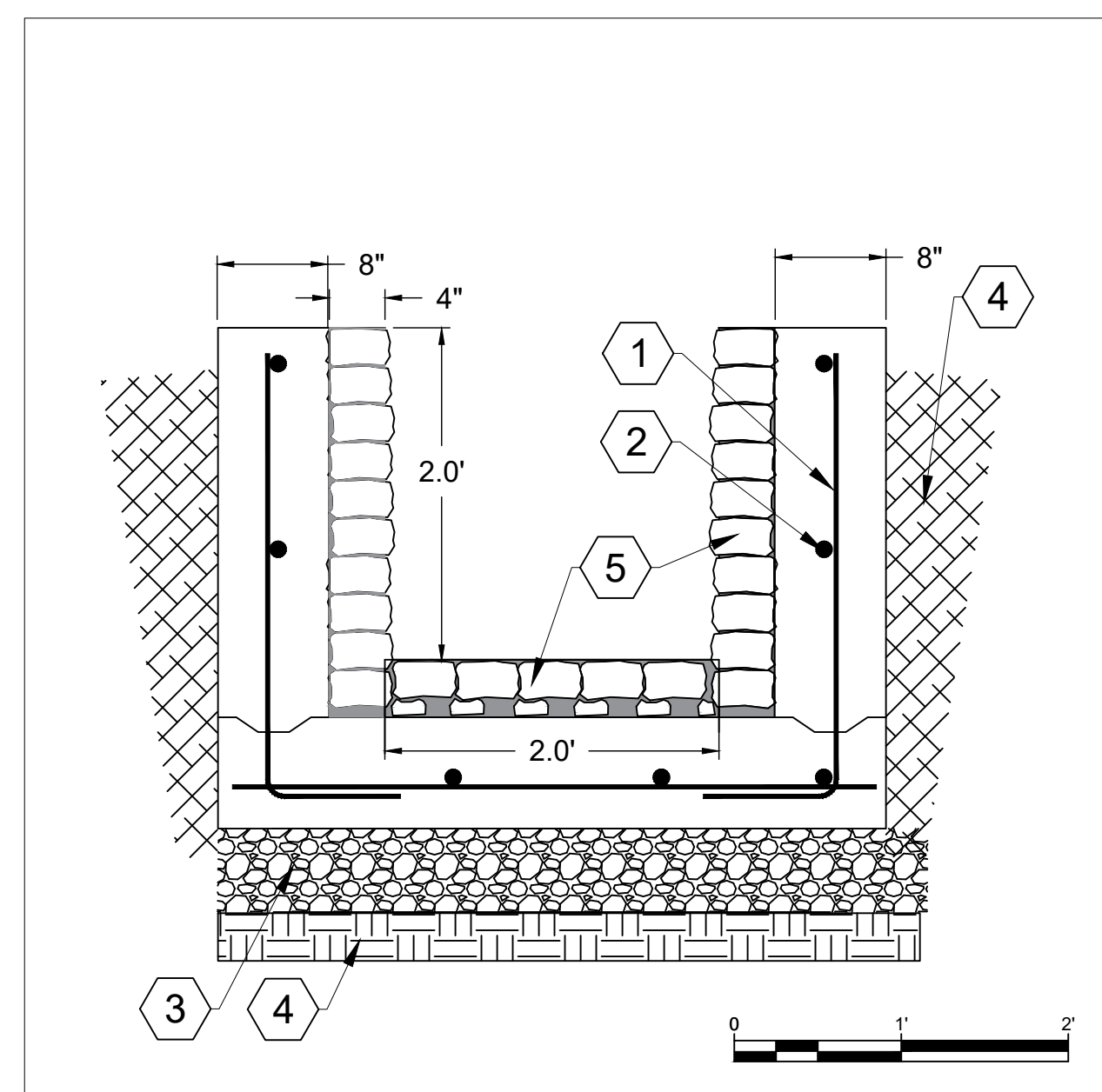
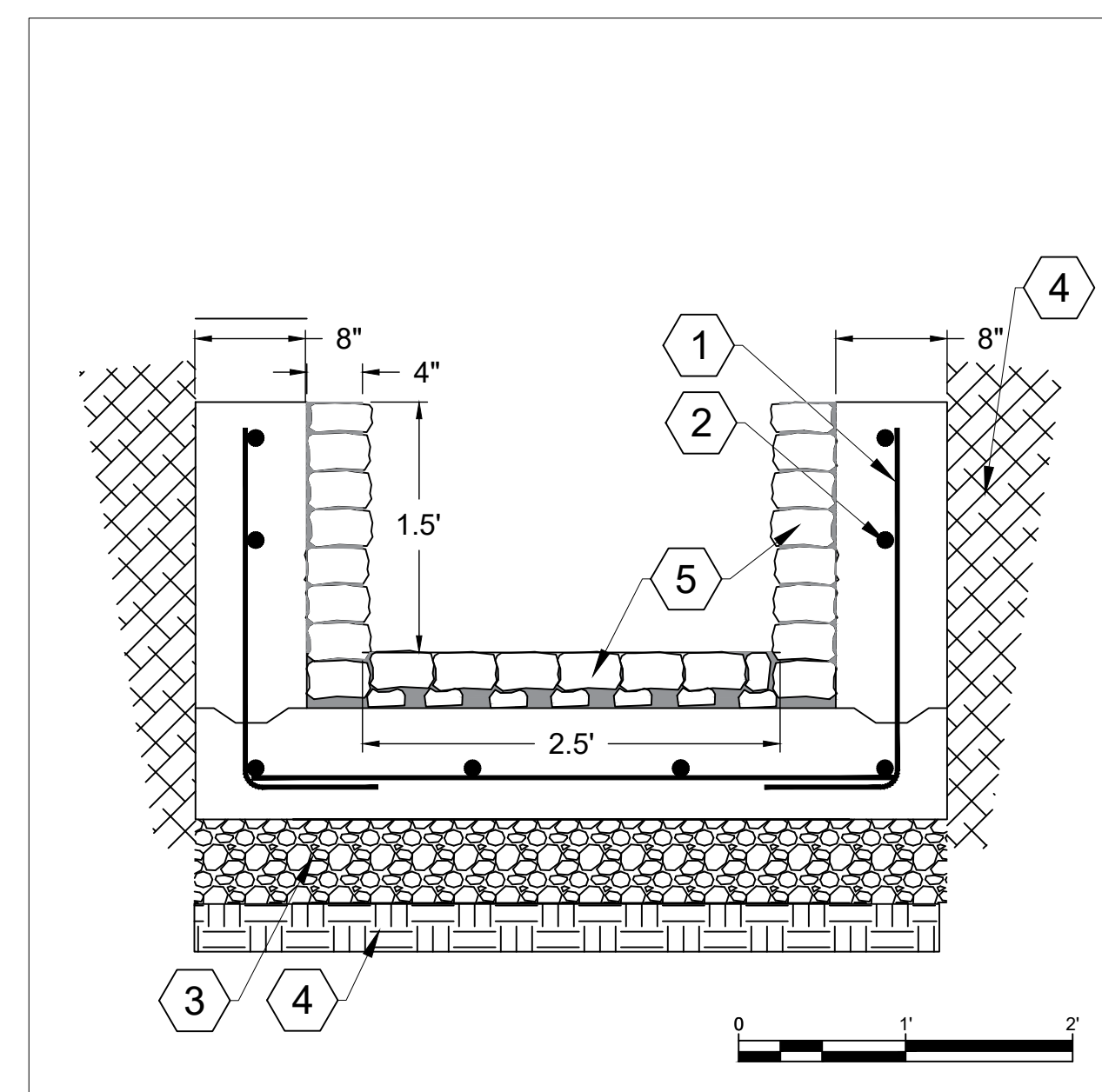
DROP INLET CONSTRUCTION NOTES:

1. FURNISH AND INSTALL PER NM APWA DRAWING 2202 (STORM INLET TYPE "A". SEE SHEET C-601.

2. PLACE ON 8" OF COMPACTED COARSE AGGREGATE.

CHANNEL KEY NOTES:

1. #5 BARS 15" O.C.
2. #7 BARS 15" O.C.
3. PLACE ON 6" COMPACTED BASE COURSE
4. COMPACTED BACKFILL
5. DECORATIVE ROCK FACING (4"x3" NOMINAL). MORTAR IN PLACE. SEE DETAIL 6.
6. INSTALL FRAMING AND GRATE PER NM APWA STANDARD DRAWINGS 2216 AND 2220. SEE DWG NO. C-601.
7. COLD KEY JOINT 1/2" WIDE X 2" DEEP TOOLED OR SAWCUT JOINT. SEAL WITH NP-1 SEALANT



A TYPICAL LONGITUDINAL CONSTRUCTION JOINT DETAIL
NOT TO SCALE

B TYPICAL ANGLULAR CONSTRUCTION JOINT DETAIL
NOT TO SCALE

7 ROCK LINING INSTALLATION
(DESIGNED BY D/P/S, 2020)

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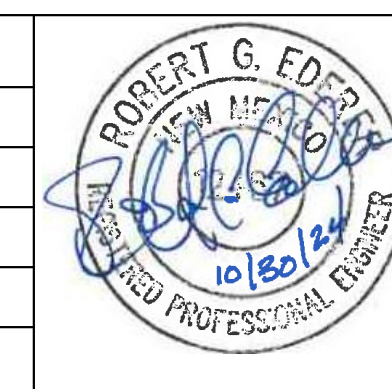
**VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT**

MADRID NEW MEXICO

WESTON SOLUTIONS

ALBUQUERQUE NEW MEXICO

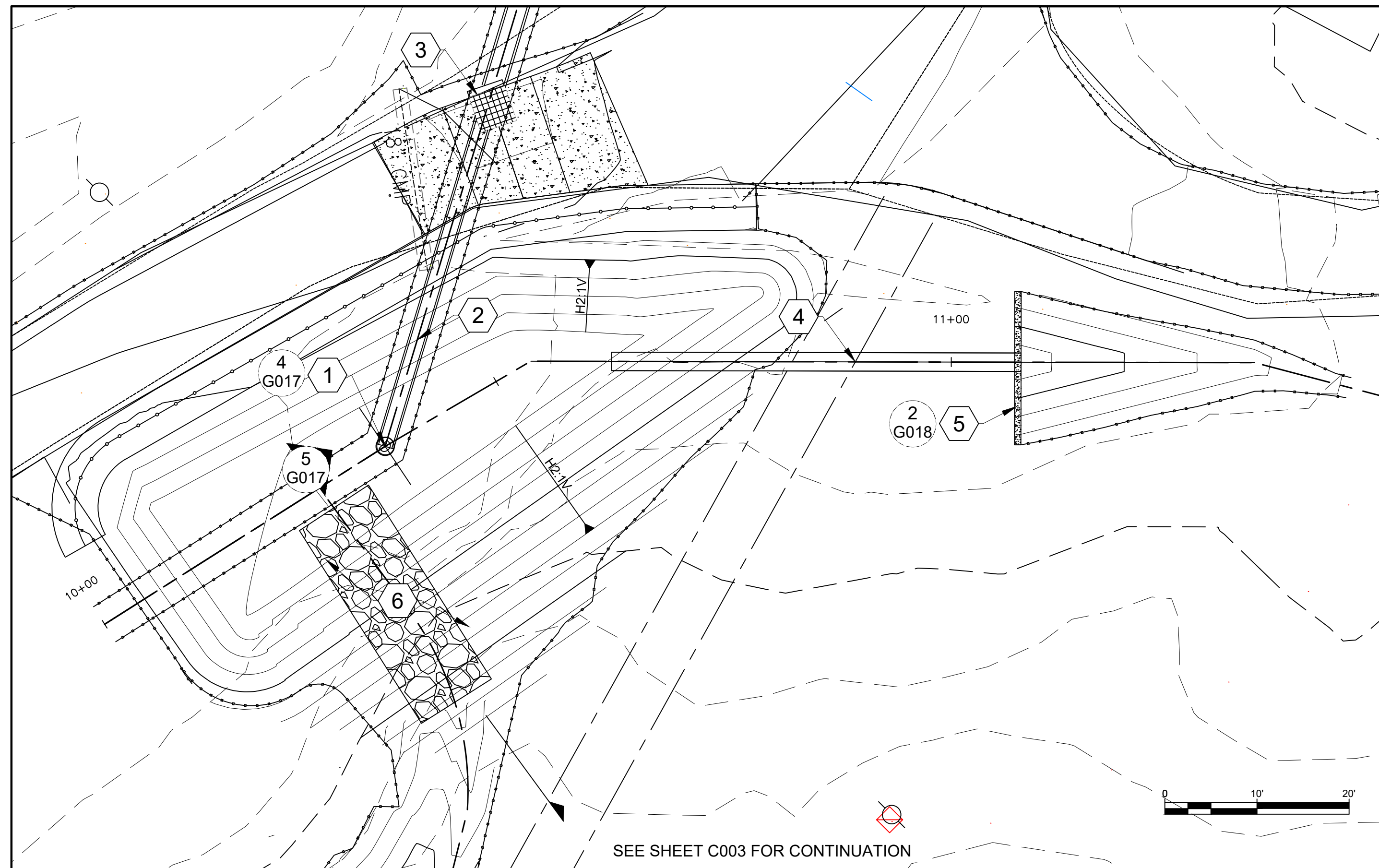
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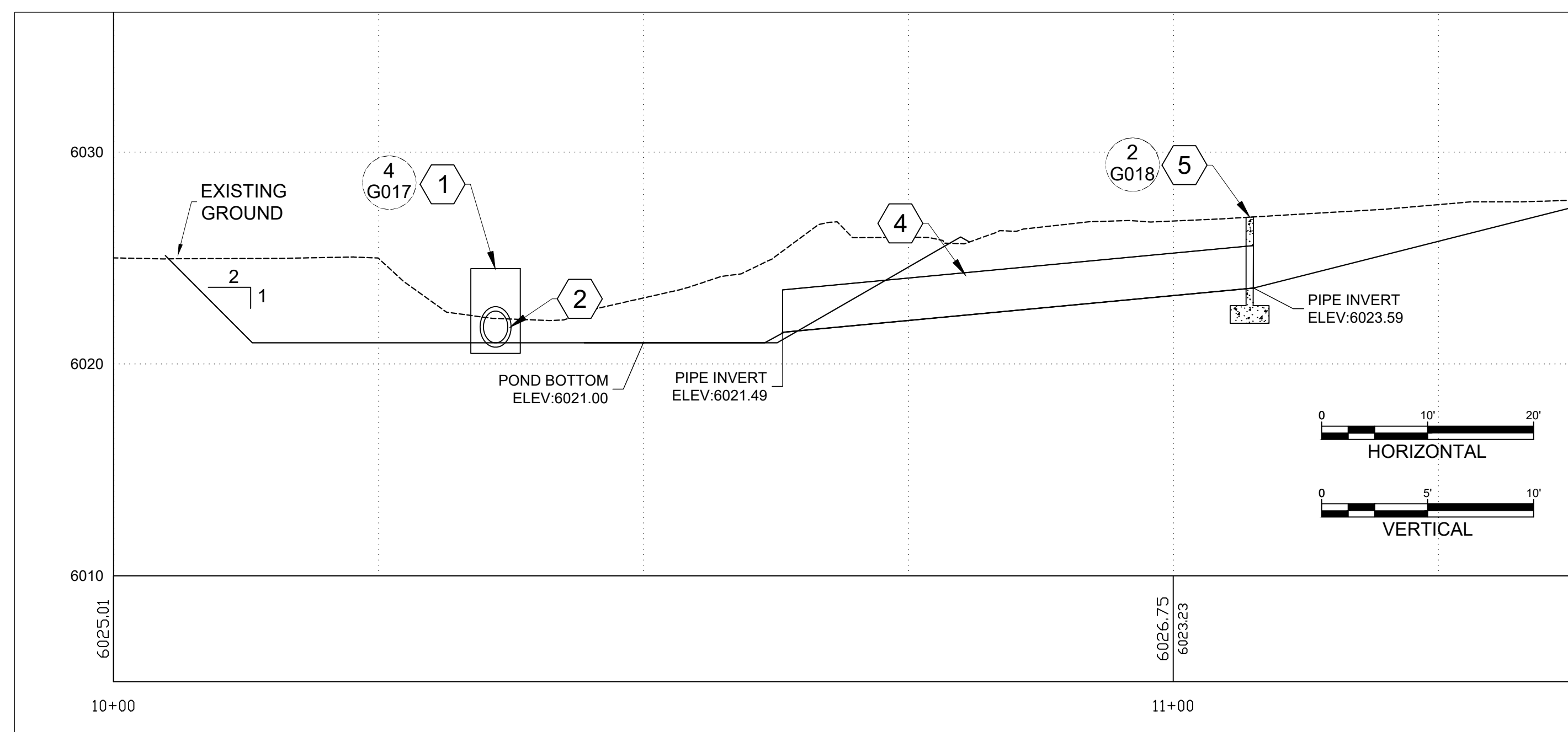
**ICEHOUSE CHANNEL
DETAILS**

DRAWN	RW	DATE	---	DWG. NO.	G016	REV. NO.	B
SCALE		W.O. NO.					
				15740.001.003	SHT	16	OF 76





1 BETHLEHEM POND AND STANDPIPE INSTALLATION
PLAN VIEW



2 BETHLEHEM POND AND STANDPIPE INSTALLATION
PROFILE VIEW

POND PLAN & PROFILE KEY NOTES:

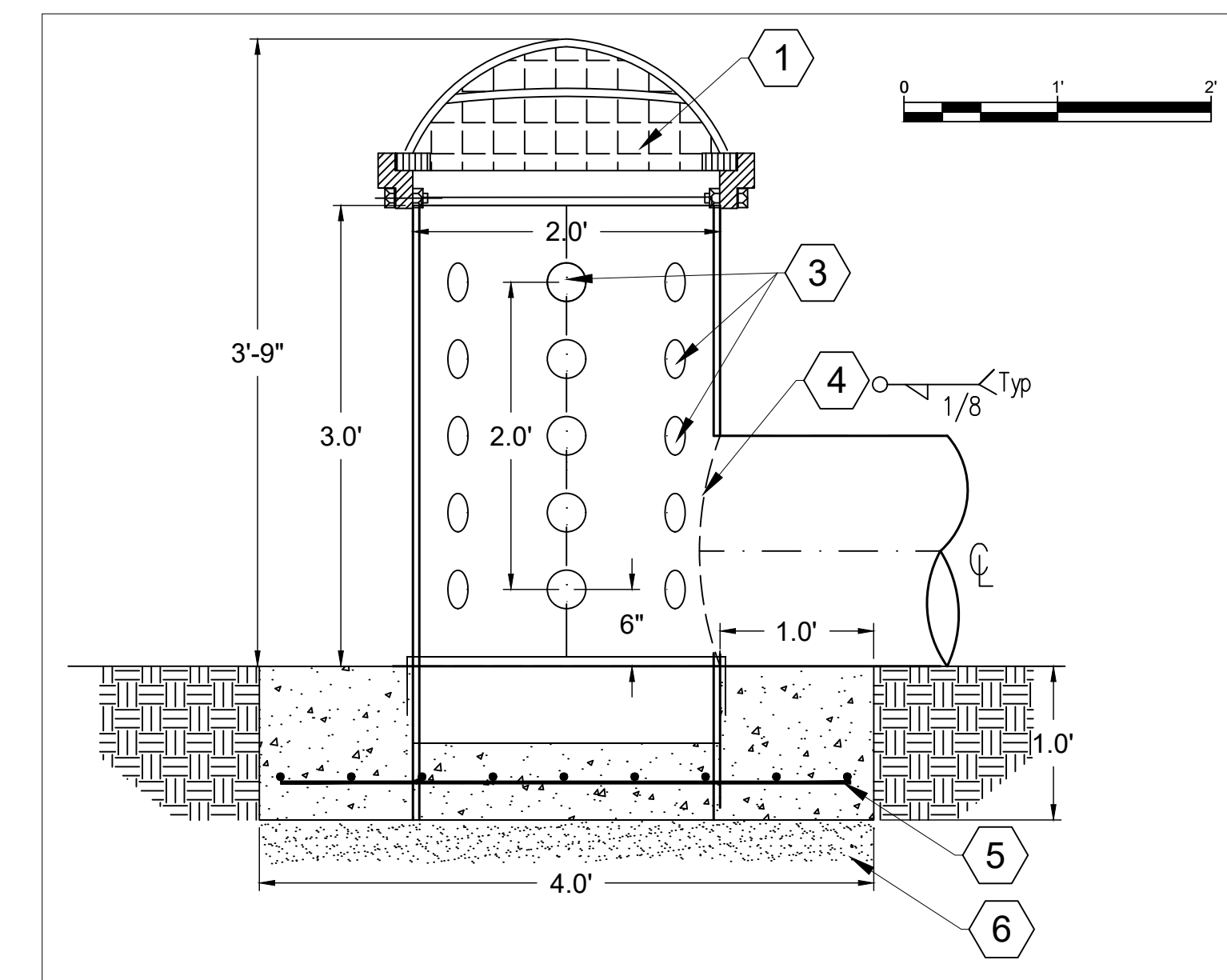
1. STANDPIPE
2. 18" DIA CMP
3. CURB DRAINAGE INLET. CONSTRUCT PER NM APWA STANDARD DRAWING 2101. SEE DWG NO. C601
4. 24" DIA CMP
5. REINFORCED CONCRETE PIPE HEADWALL. CONSTRUCT PER NMDOT STANDARD DRAWING SERIAL 511-03-1/1. SEE DWG NO. C602
6. GROUTED RIPRAP RUNDOWN



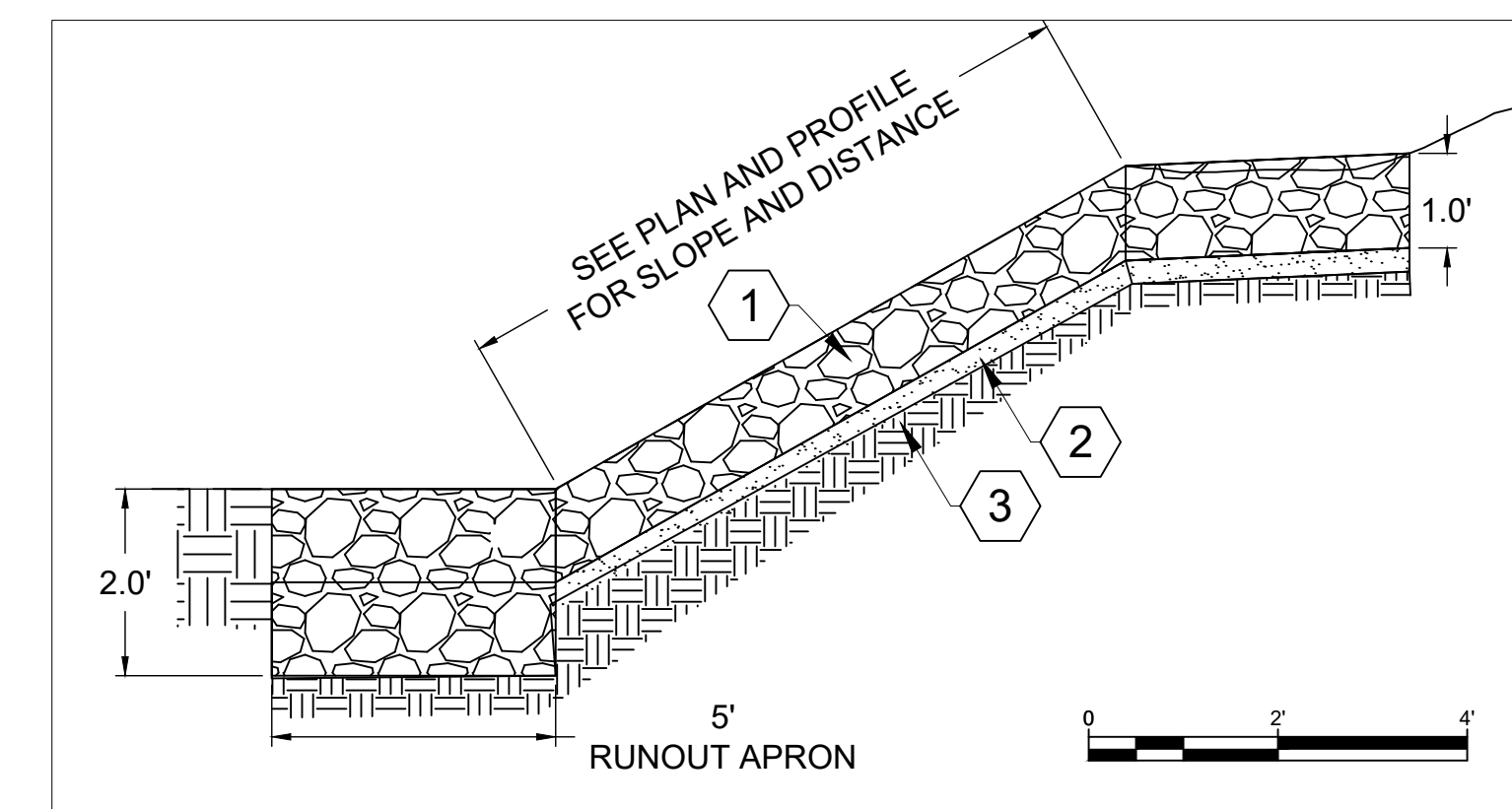
3 BETHLEHEM POND AND STANDPIPE INSTALLATION
TYPICAL

STANDPIPE KEY NOTES:

1. NEENAH R-2561 CAST IRON BEEHIVE GRATE AND FRAME FASTENED TO CMP STANDPIPE
2. 24" DIAMETER 00 GAUGE CMP RISER
3. CORE DRILL FORTY(40) 3-INCH DIA. HOLES 45 DEGREES ON CENTER AND EVENLY SPACED AS SHOWN.
4. WELD 18" DIA CMP TO 24"DIA. RISER AS INDICATED
5. #4 REBAR, 12" O.C, EACH WAY
6. PLACE ON 8" OF AGGREGATE BASE COURSE



4 BETHLEHEM POND STANDPIPE DETAIL
SECTION



5 BETHLEHEM POND CHANNEL RUNDOWN DETAIL
SECTION

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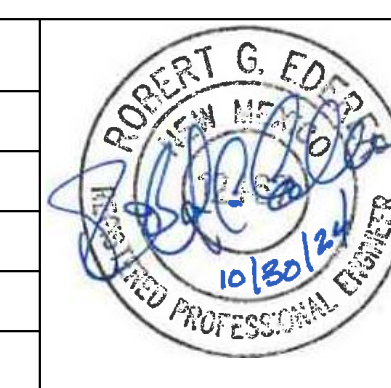
**VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT**

MADRID NEW MEXICO

WESTON SOLUTIONS

ALBUQUERQUE NEW MEXICO

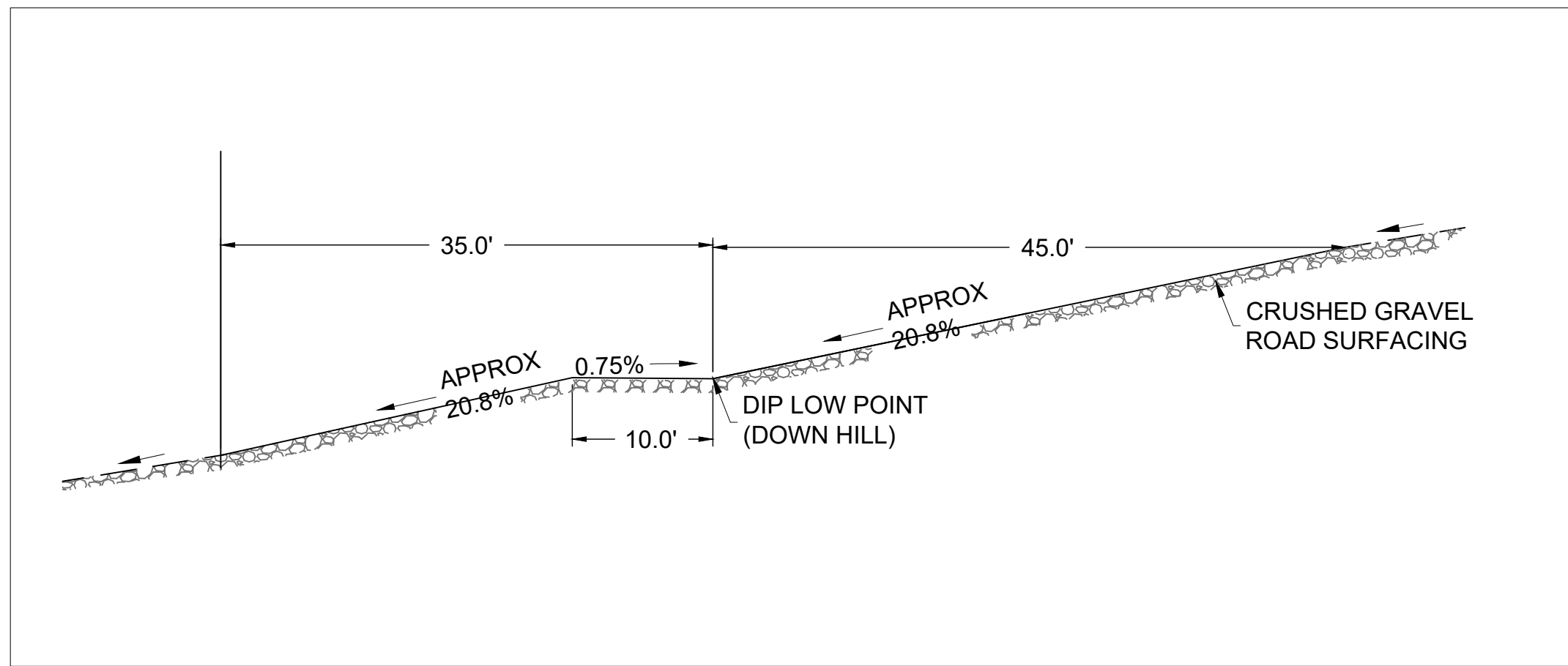
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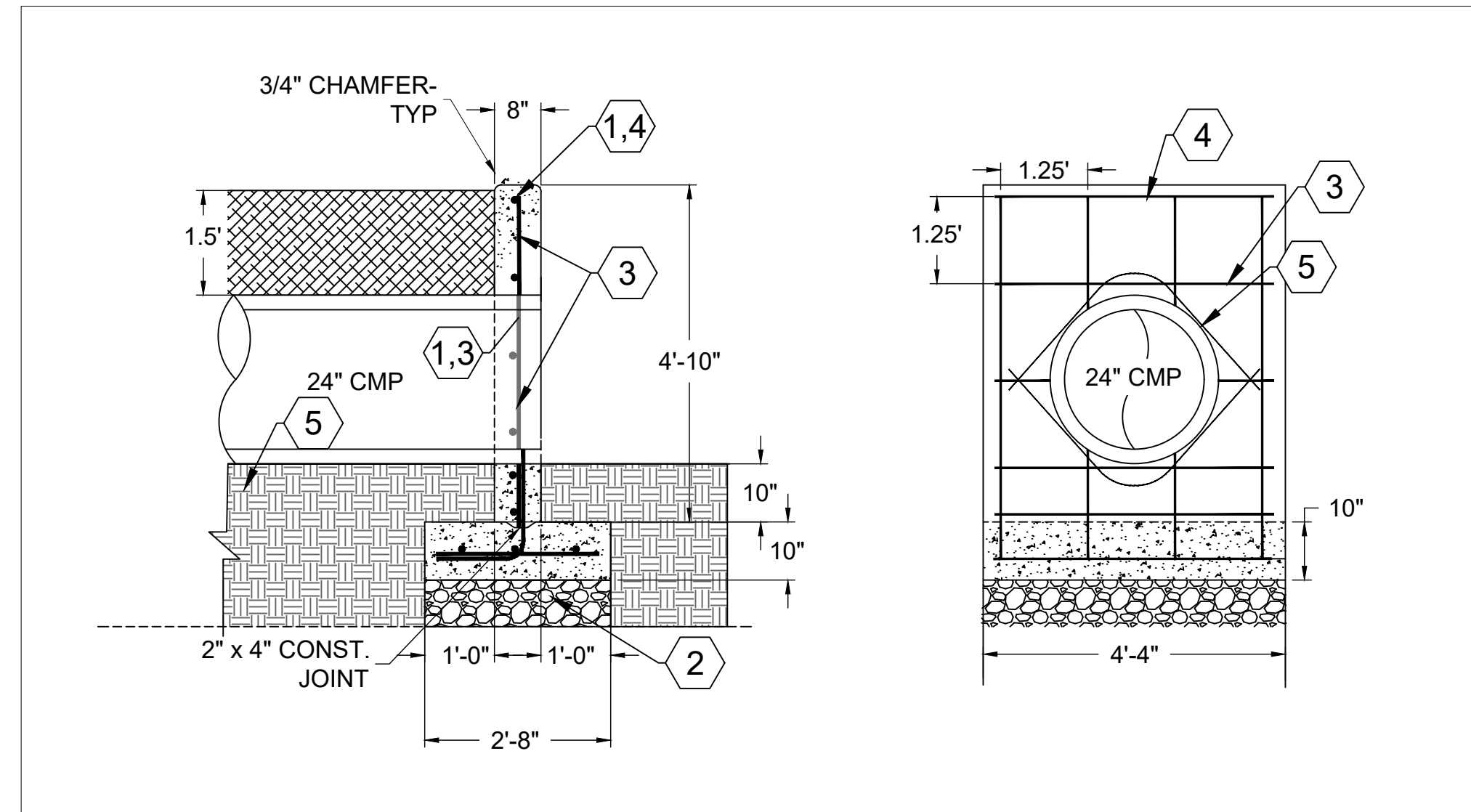
BETHLEHEM POND DETAILS

DRAWN	RW	DATE	---	DWG. NO.	G017	REV. NO.	B
SCALE		W.O. NO.					
		15740.001.003		SHT	17	OF	76

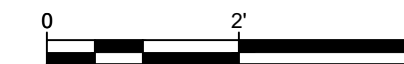




1 ROLLING DIP SECTION
PROFILE N.T.S.



2 BETHLEHEM DRIVE PAD HEADWALL DETAIL
SECTION



HEADWALL KEY NOTES:

1. REINFORCE PER NMDOT STANDARD DETAILS, PIPE CULVERT HEADWALLS - SHEET 511-03-1/1. SEE SHEET C-602.
2. PLACE ON 8" OF COARSE AGGREGATE.
3. #16 VERTICAL BARS @ 1'-2" O.C.
4. #8 HORIZONTAL BARS @ 1'-5" O.C.
5. #4 REBAR HOOP PLACED 2" OFFSET FROM PIPE OD.

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**VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT**

MADRID NEW MEXICO

WESTON SOLUTIONS

ALBUQUERQUE NEW MEXICO

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NAH	10/31/24		
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BETHLEHEM ROAD DETAILS

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SCALE		W.O. NO.		15740.001.003	SHT.	18	OF 76

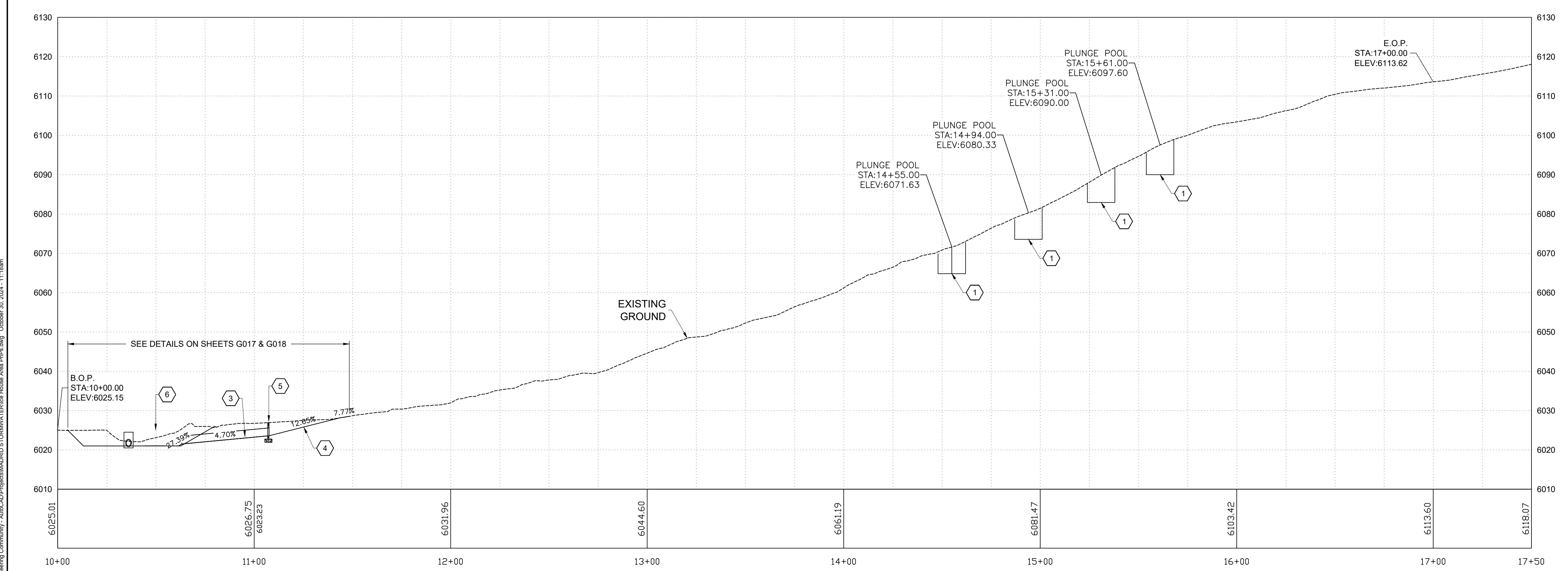
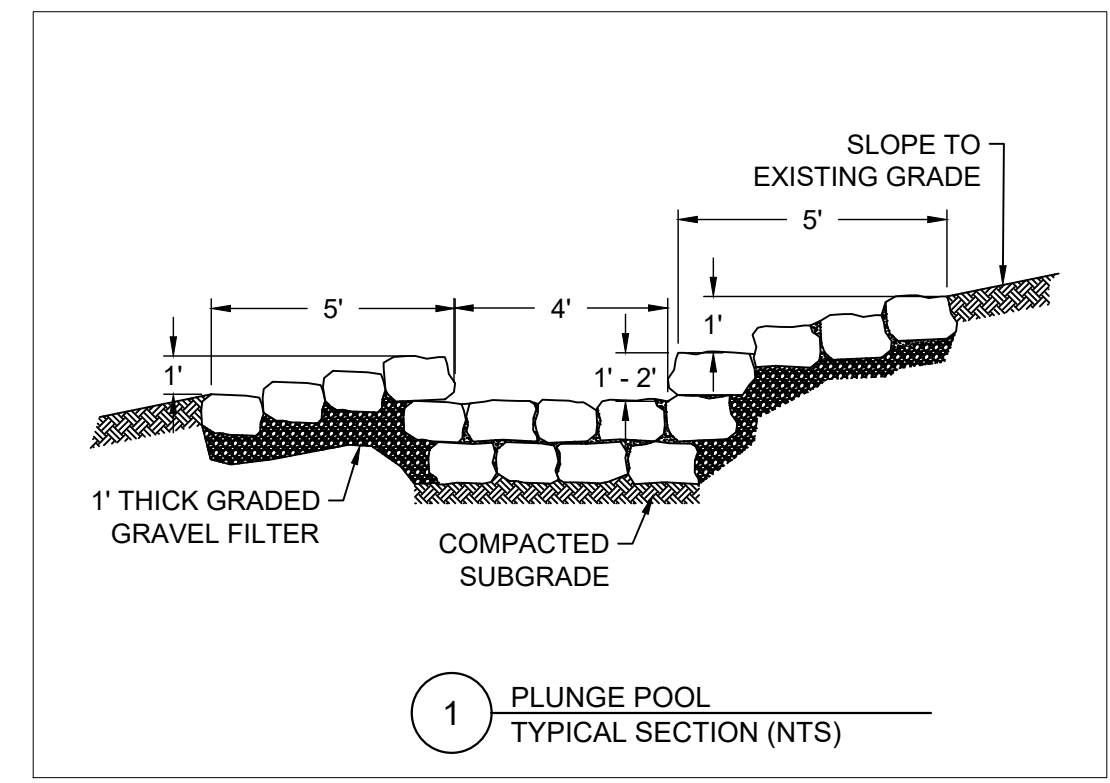




KEYED NOTES

1. PLUNGE POOL. SEE DETAIL 1 THIS SHEET FOR TYPICAL DETAIL.
2. SEE BETHLEHEM HILL ARROYO CROSS SECTIONS ON SHEET C101
3. 24-INCH CMP CULVERT.
4. DIVERSION CHANNEL
5. CONCRETE HEADWALL
6. BETHLEHEM POND

CONSTRUCTION NOTES



NO.	DATE	APPR	REVISION	NO.	DATE	APPR	REVISION
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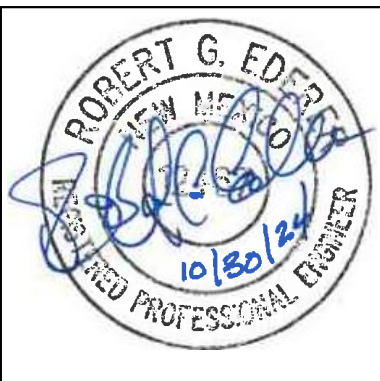
**VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT**

MADRID NEW MEXICO

WESTON SOLUTIONS

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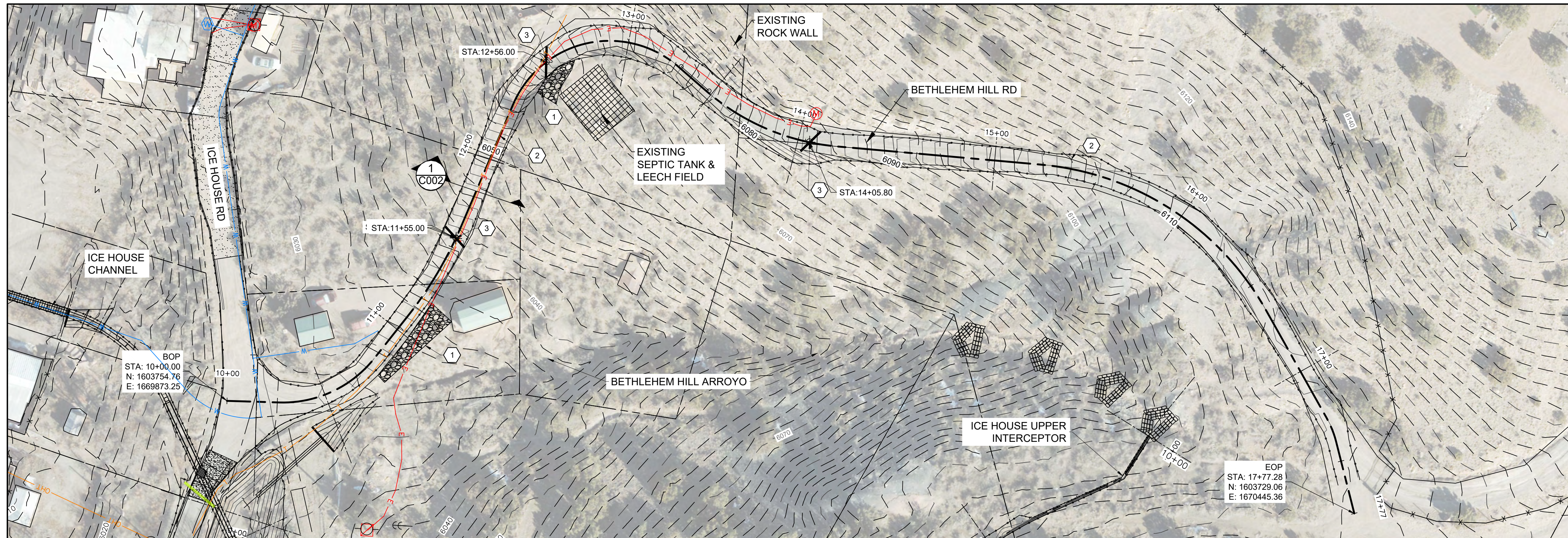
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**ICE HOUSE ROAD/MADRID ARROYO AREA
BETHLEHEM HILL ARROYO
PLAN AND PROFILE**

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		15740.001.003		SHT	19	OF	76

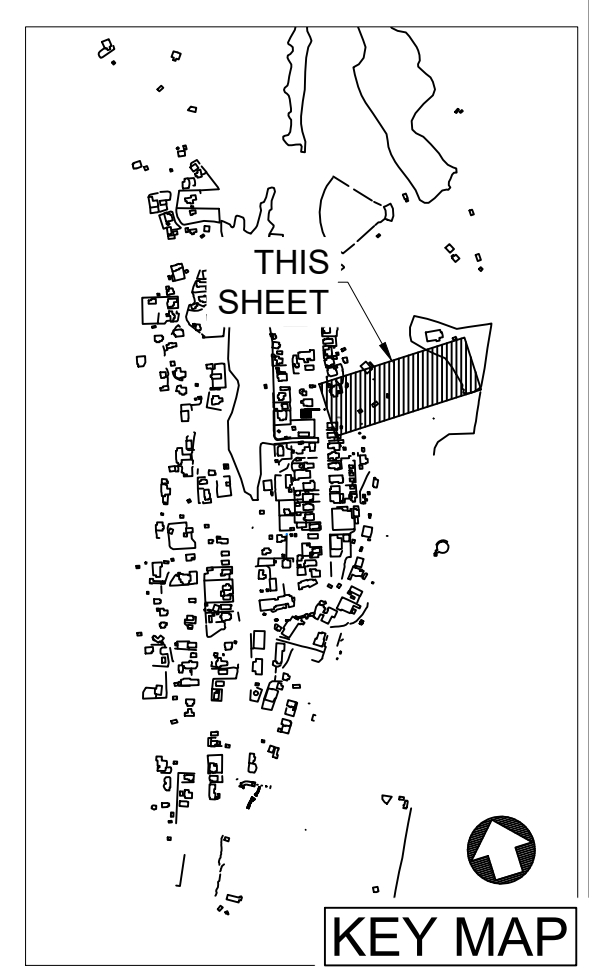
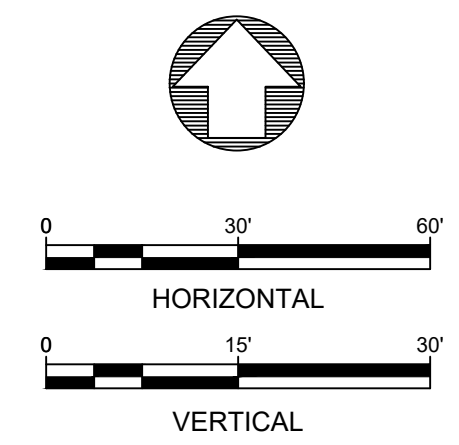
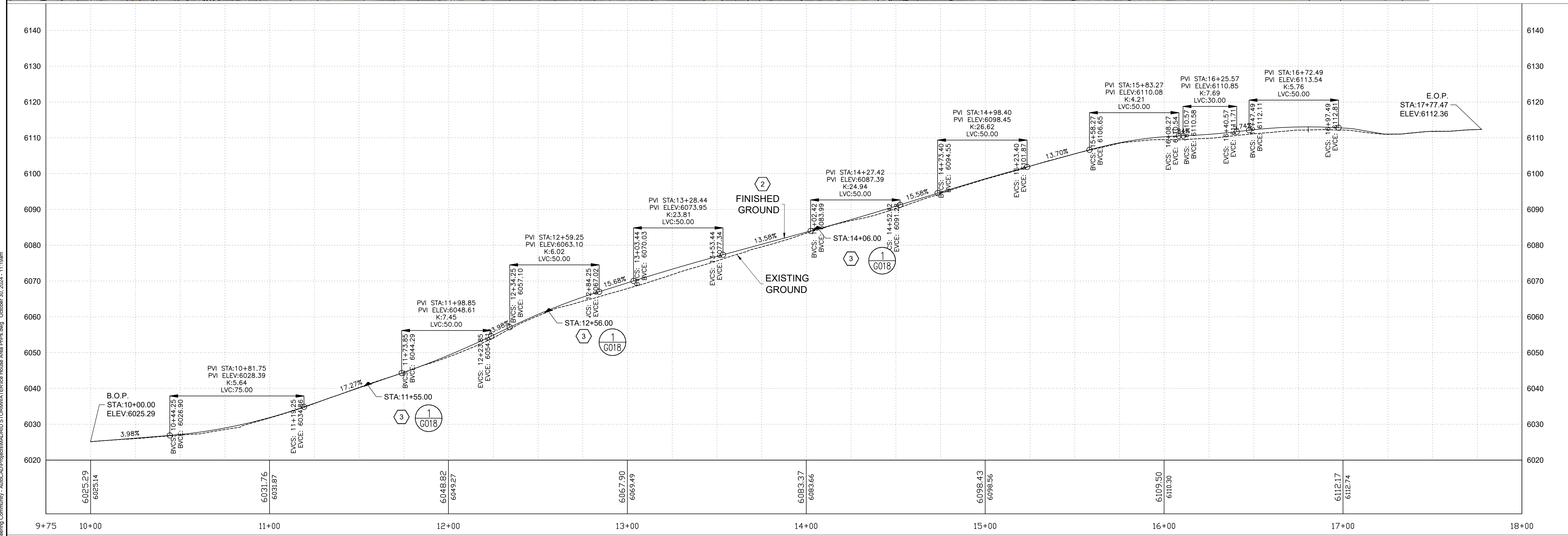
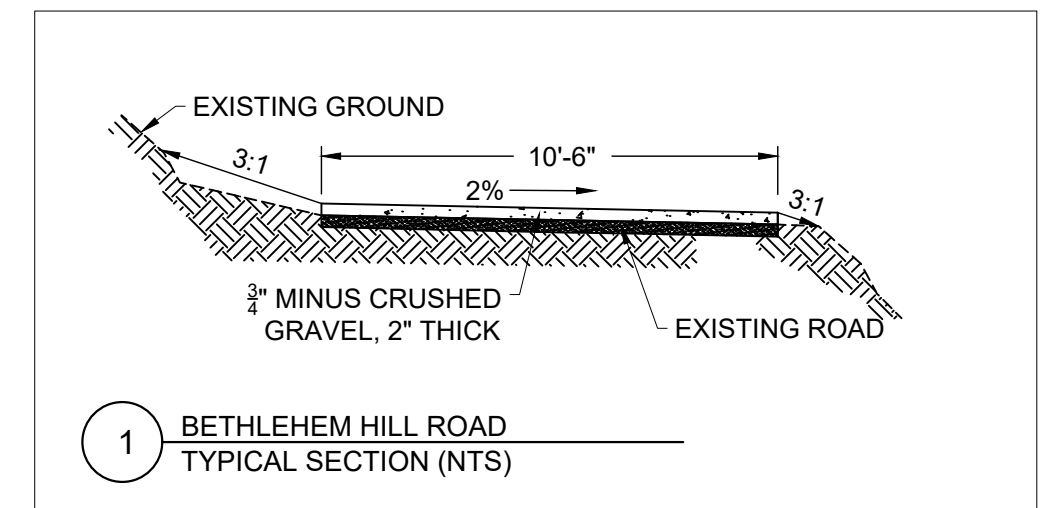
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KEYED NOTES

- FILL EROSION SCOUR WITH 6" MINUS ROCK/GRAVEL MIXTURE.
- CROSS SLOPE ROAD GRADING. 1
C002
- INSTALL ROLLING DIP. 1
G018

CONSTRUCTION NOTES



NO.	DATE	APPR	REVISION	NO.	DATE	APPR	REVISION
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**VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT**

MADRID NEW MEXICO

WESTON SOLUTIONS

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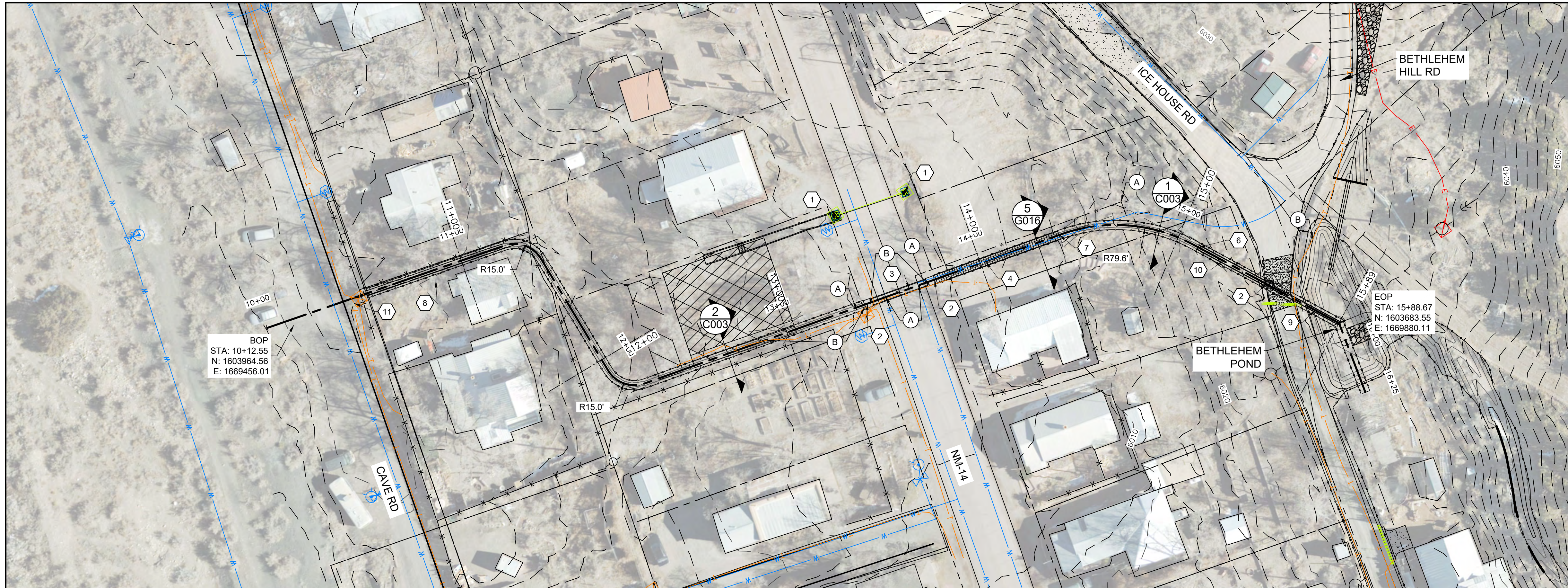
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**ICE HOUSE ROAD/MADRID ARROYO AREA
BETHLEHEM HILL ROAD
PLAN AND PROFILE**

DRAWN	RW	DATE	---	DWG. NO.	C002	REV. NO.	B
SCALE		W.O. NO.	15740.001.003	SHT	20	OF	76

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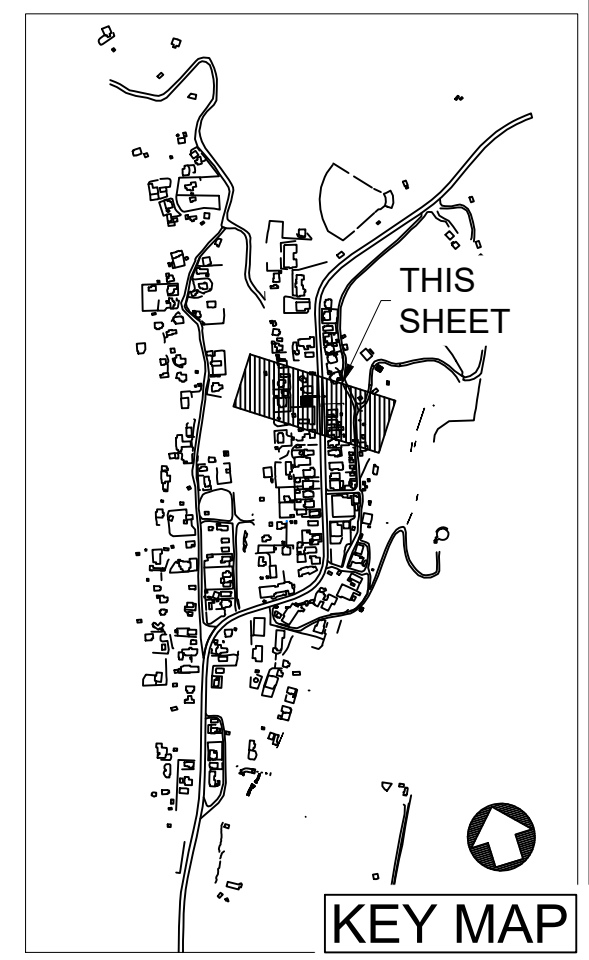
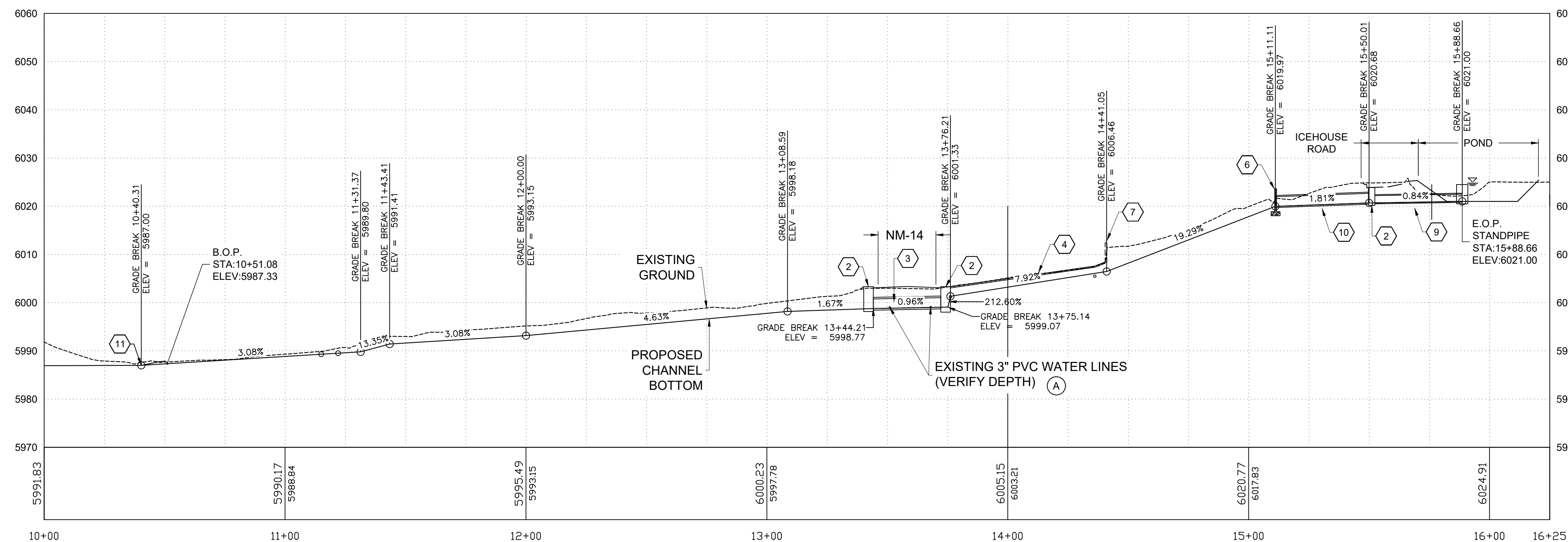
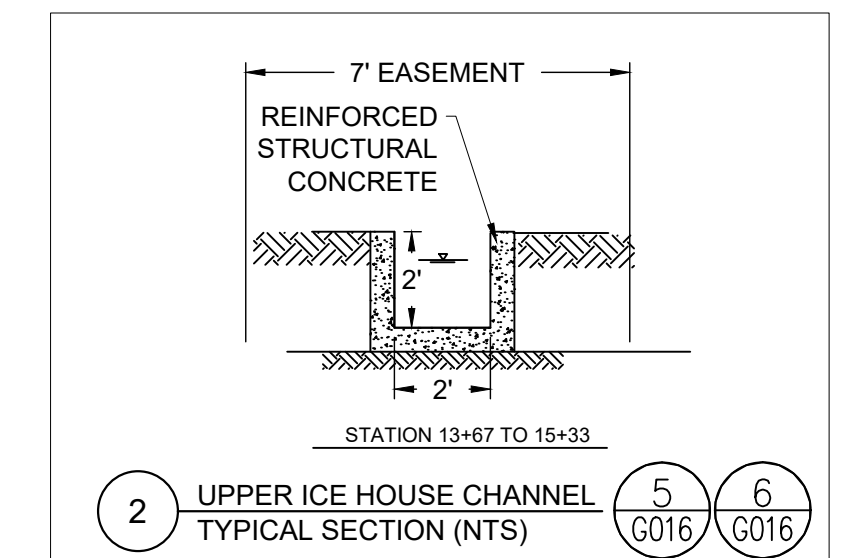
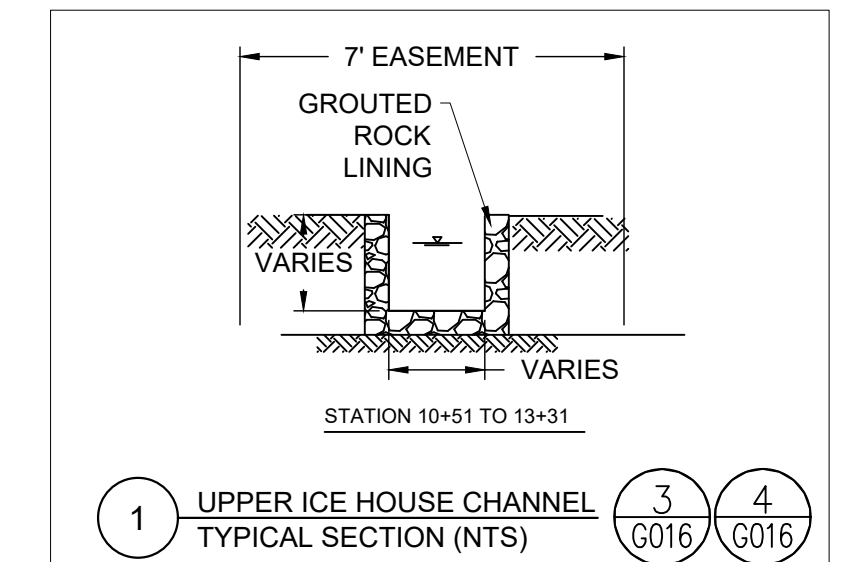


KEYED NOTES

1. REMOVE EXISTING DROP INLETS AND FILL TO GRADE.
2. PROPOSED DROP INLET 2
G016
3. REINFORCED CONCRETE BOX CULVERT CROSSING UNDER NM-14. 1
G015
4. CONCRETE CHANNEL WITH TRAFFIC RATED GRATE.
5. 24" CORRUGATED METAL PIPE CULVERT.
6. REINFORCED CONCRETE HEADWALL. 1
G016
7. REMOVE EXISTING ROCK WALL.
8. EXISTING SEPTIC TANK CLEANOUTS
9. 18" CORRUGATED METAL PIPE
10. 24" REINFORCED CONCRETE PIPE
11. CROSS ROAD SWALE. (SEE SHEET C218)

CONSTRUCTION NOTES

- A. RELOCATE EXISTING 3" WATERLINE WITH NEW 3" DR 25 PVC C900 PIPE. FURNISH AND INSTALL TAPPING SADDLE AND ALL FITTINGS.
- B. RELOCATE EXISTING TELEPHONE LINE (BY OTHERS).



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VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT

MADRID NEW MEXICO

WESTON SOLUTIONS

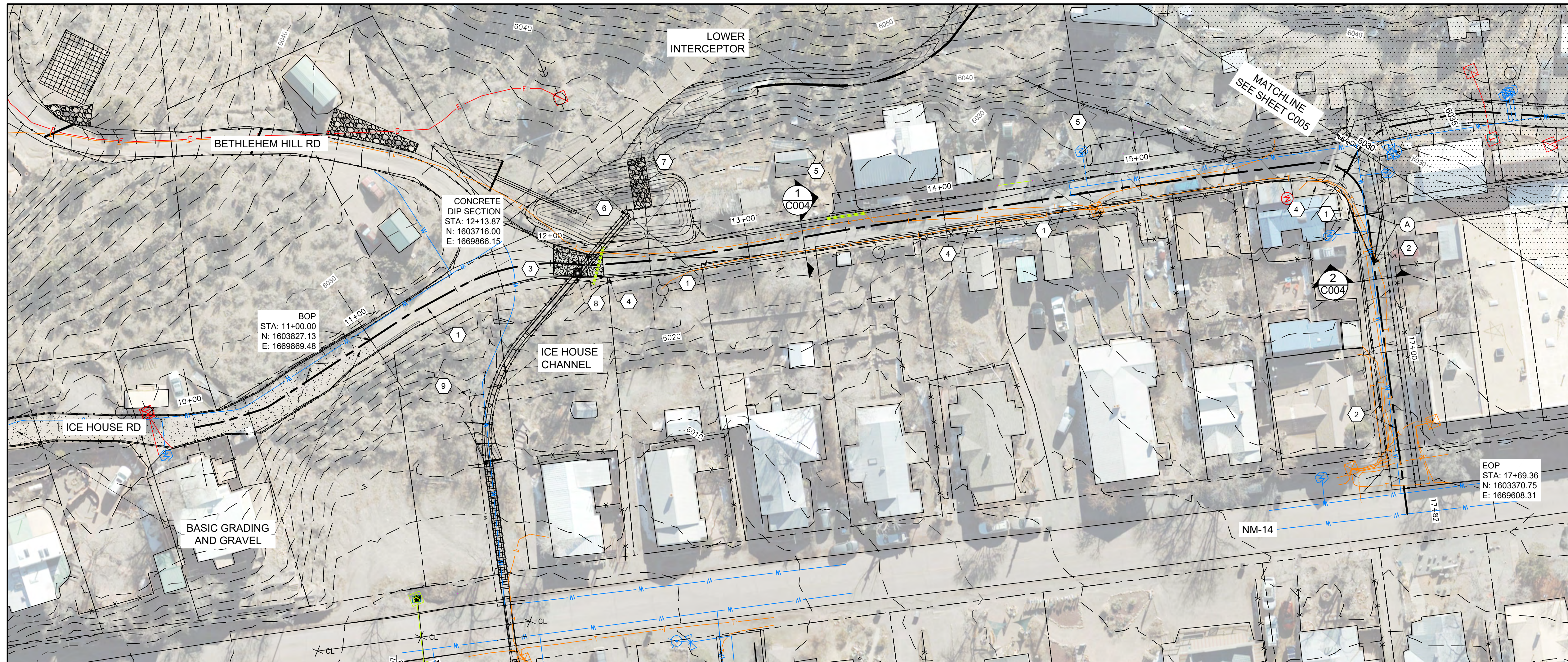
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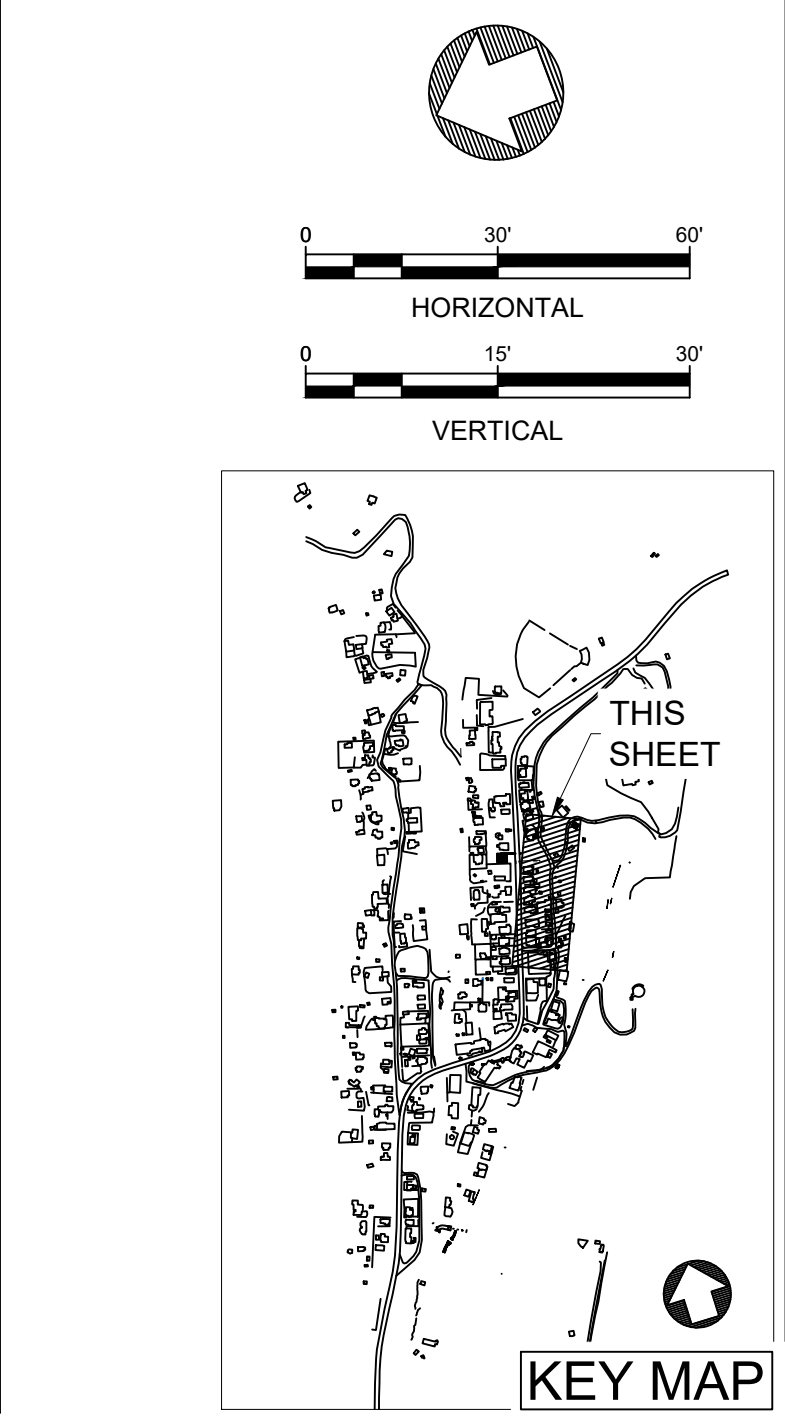
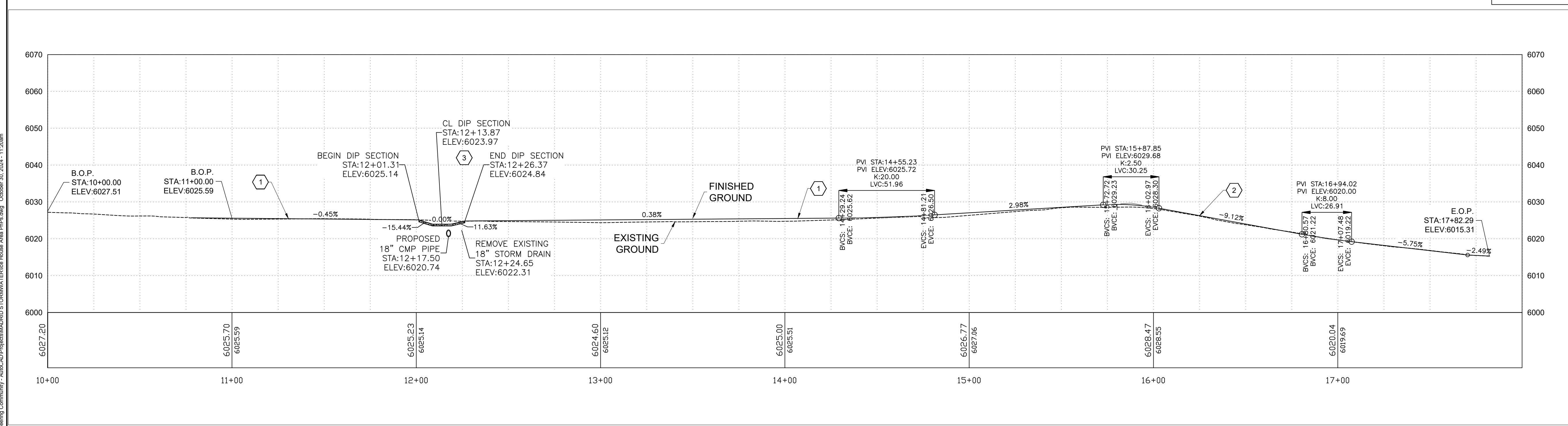
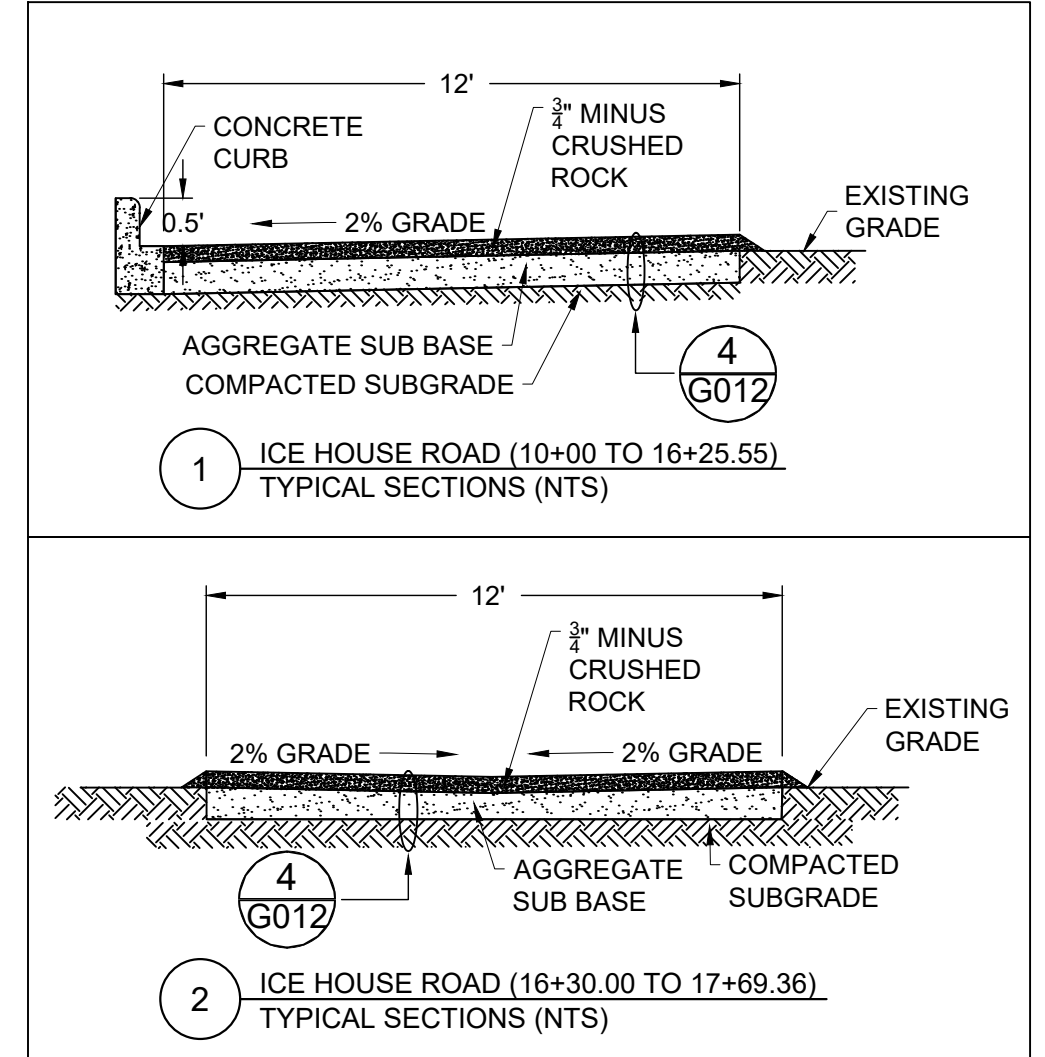
ICE HOUSE ROAD/MADRID ARROYO AREA
ICE HOUSE CHANNEL
PLAN AND PROFILE

DRAWN	RW	DATE	---	DWG. NO.	C003	REV. NO.	B
SCALE		W.O. NO.	15740.001.003	SHT	21	OF	76



- ### KEYED NOTES
- ICE HOUSE ROAD CROSS SLOPE ROADWAY.
 - ICE HOUSE ROAD INVERTED CROWN ROAD.
 - ICE HOUSE ROAD CONCRETE DIP SECTION. (5) G012
 - CONCRETE CURB AND GUTTER. (7) G012
 - RESIDENTIAL DRIVE ENTRANCE. APPLY GRAVEL SURFACING FROM EDGE OF ROAD TO EXISTING GRADE.
 - BETHLEHEM POND STANDPIPE. (4) G017
 - BETHLEHEM POND RUNDOWN. (5) G017
 - CURB INLET (1,2) C601
 - RELOCATE WATERLINE ALONG THIS ALIGNMENT

- ### CONSTRUCTION NOTES
- A. ICE HOUSE ROAD STATIONS 16+30.00 TO 16+55.00 TRANSITION FROM CROSS SLOPED TO INVERTED CROWN ROAD.



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VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT

MADRID NEW MEXICO

ALBUQUERQUE NEW MEXICO

CHECKED	DATE	CLIENT APPROVALS	DATE
NAH	10/31/24		
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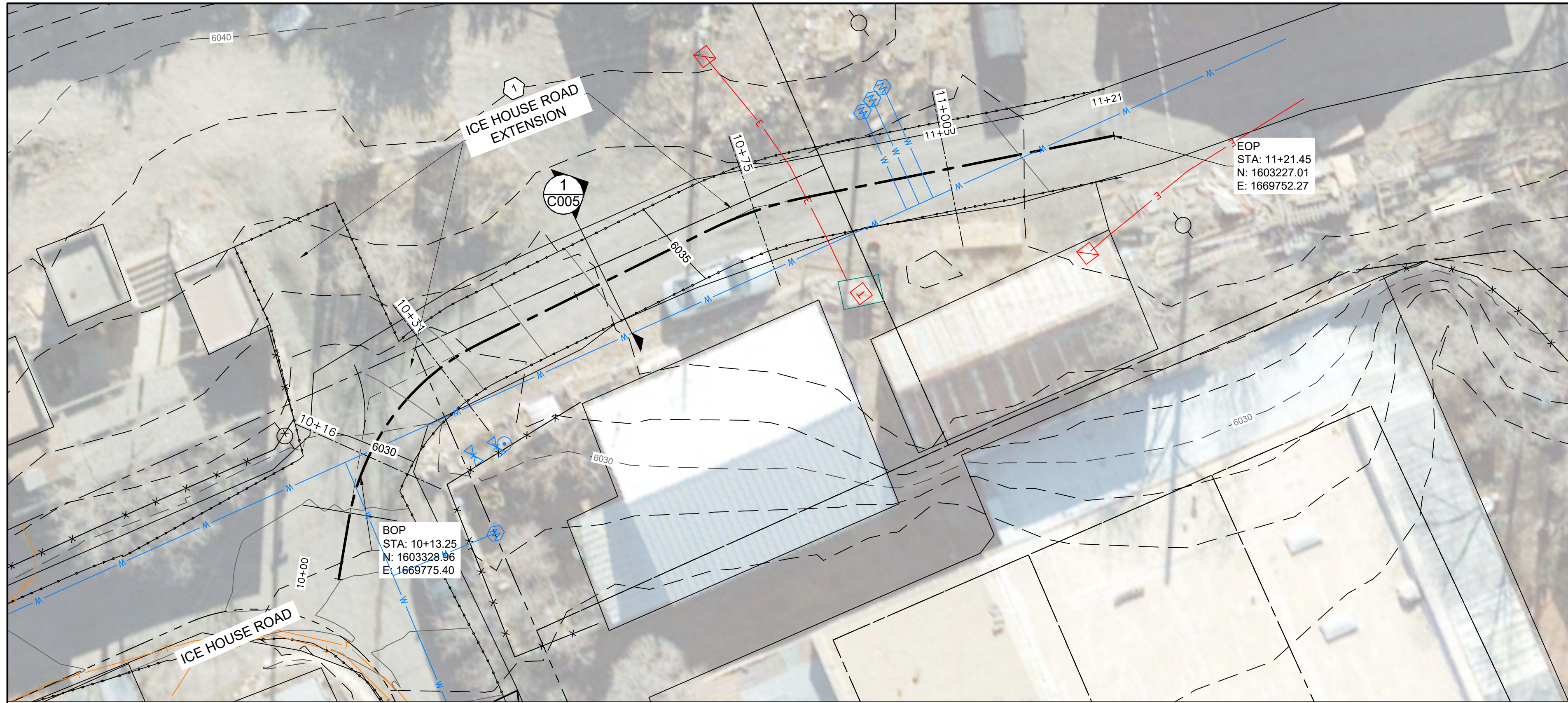


ICE HOUSE ROAD/MADRID ARROYO AREA
ICE HOUSE ROAD
PLAN AND PROFILE

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SCALE W.O. NO. 15740.001.003 SHT **22** OF **76**

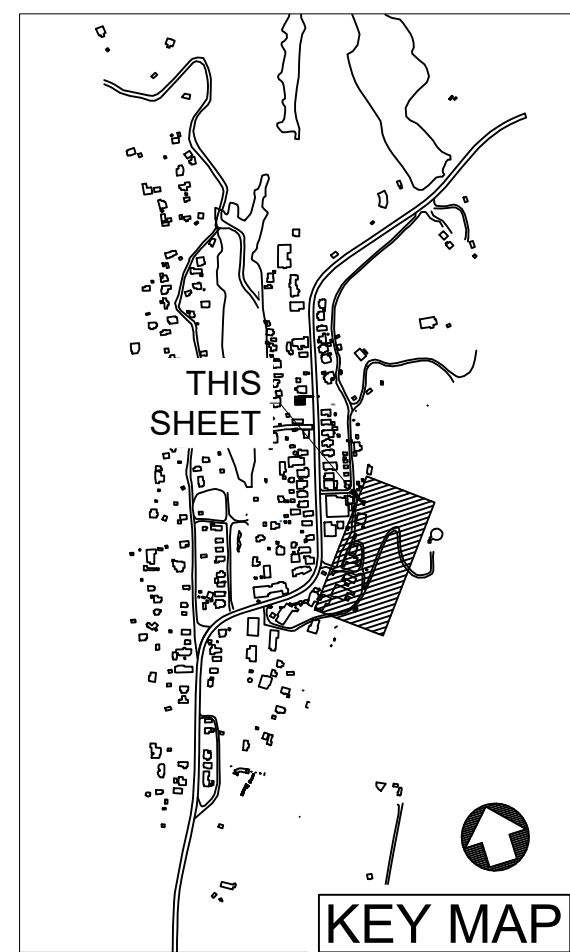
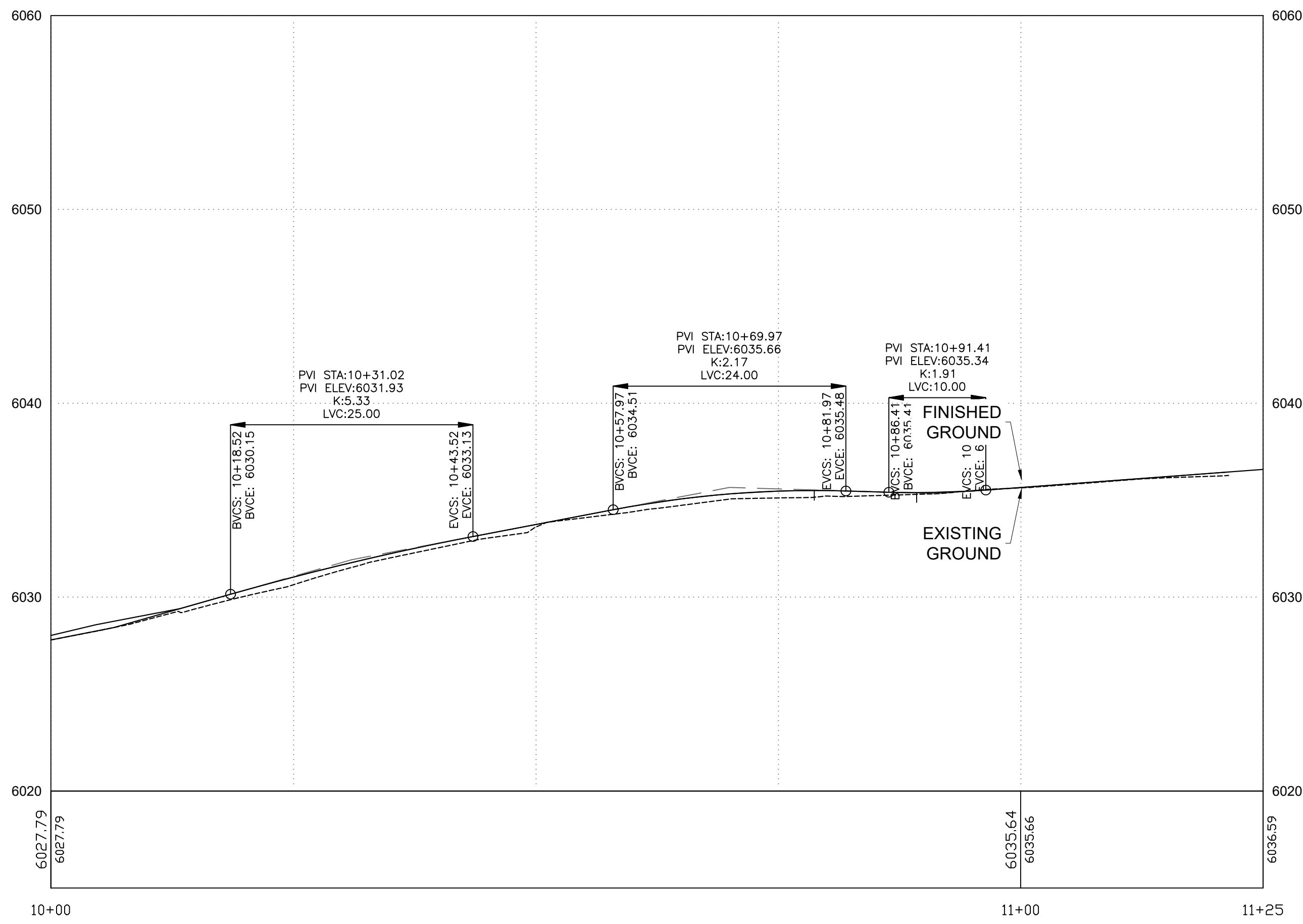
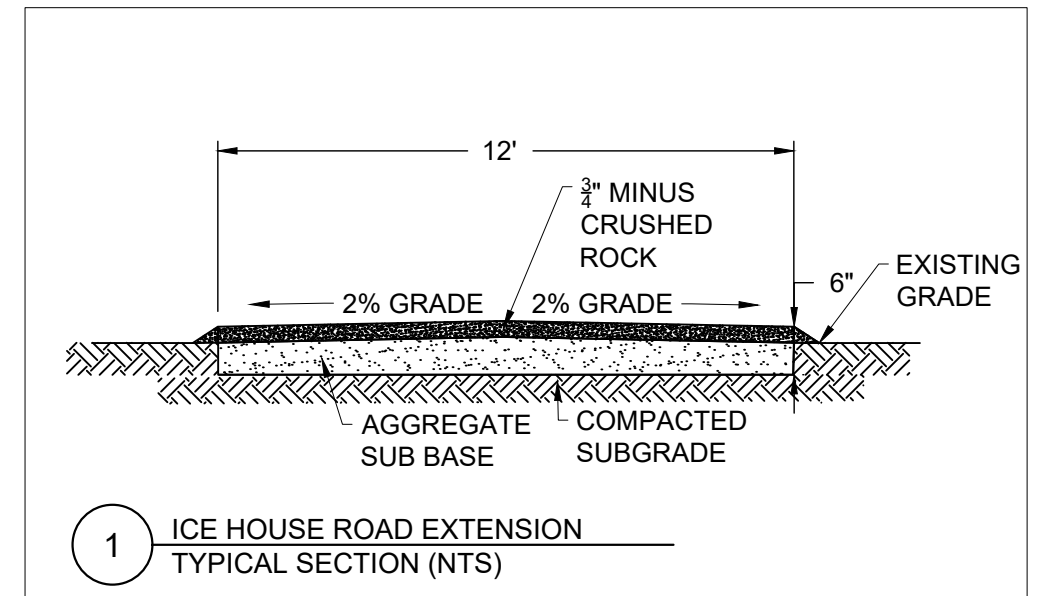
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KEYED NOTES

1. CROWNED ROAD.

CONSTRUCTION NOTES



NO.	DATE	APPR	REVISION	NO.	DATE	APPR	REVISION
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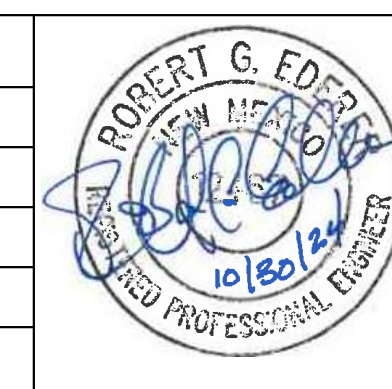
**VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT**

MADRID NEW MEXICO

WESTON SOLUTIONS

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**ICE HOUSE ROAD/MADRID ARROYO AREA
ICE HOUSE ROAD EXTENSION
PLAN AND PROFILE**

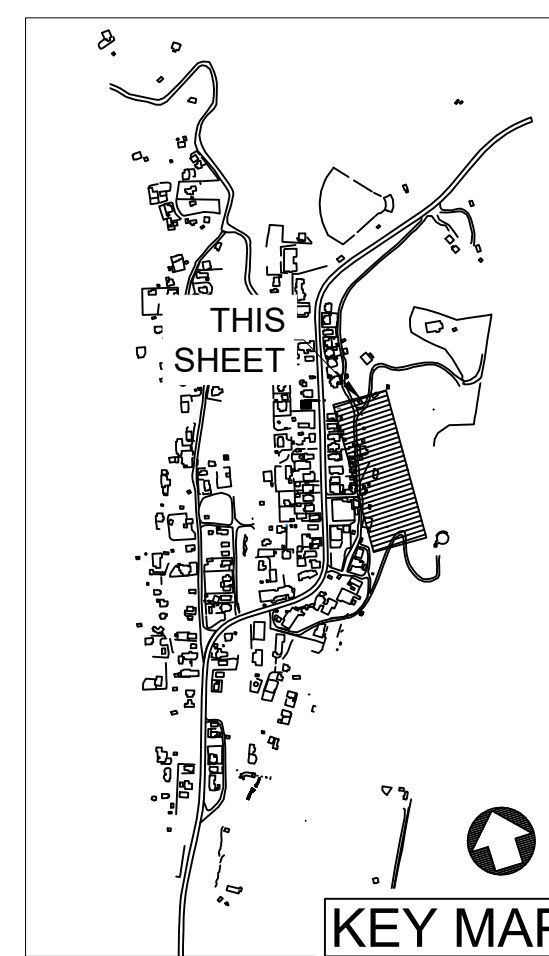
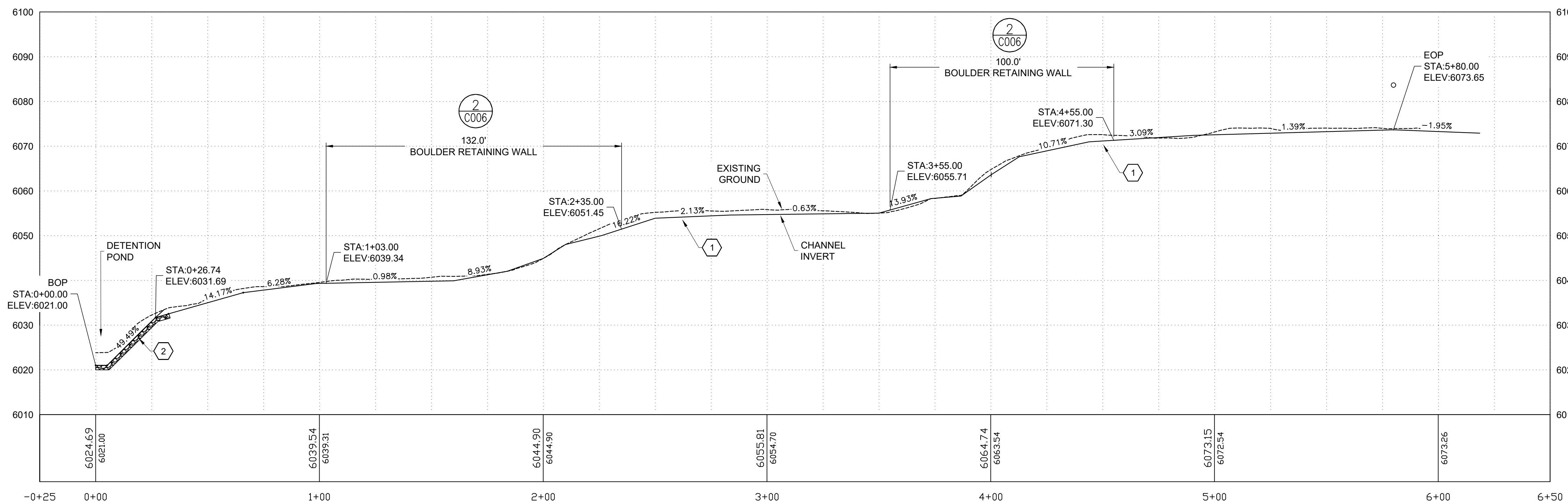
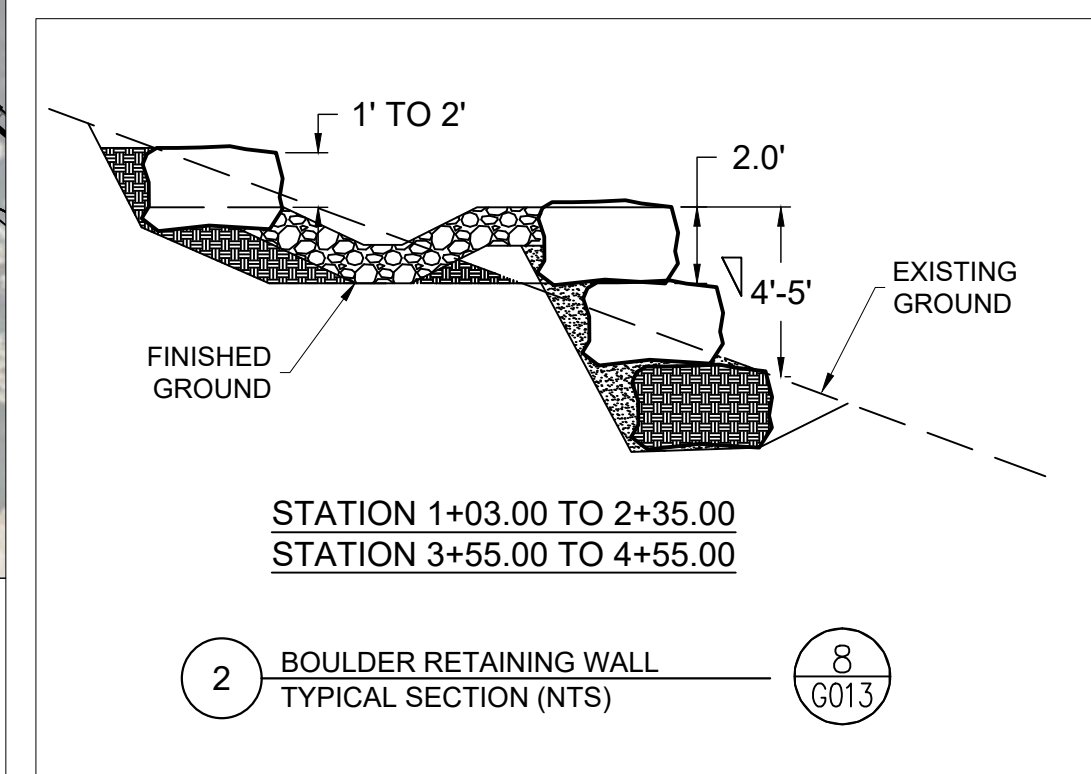
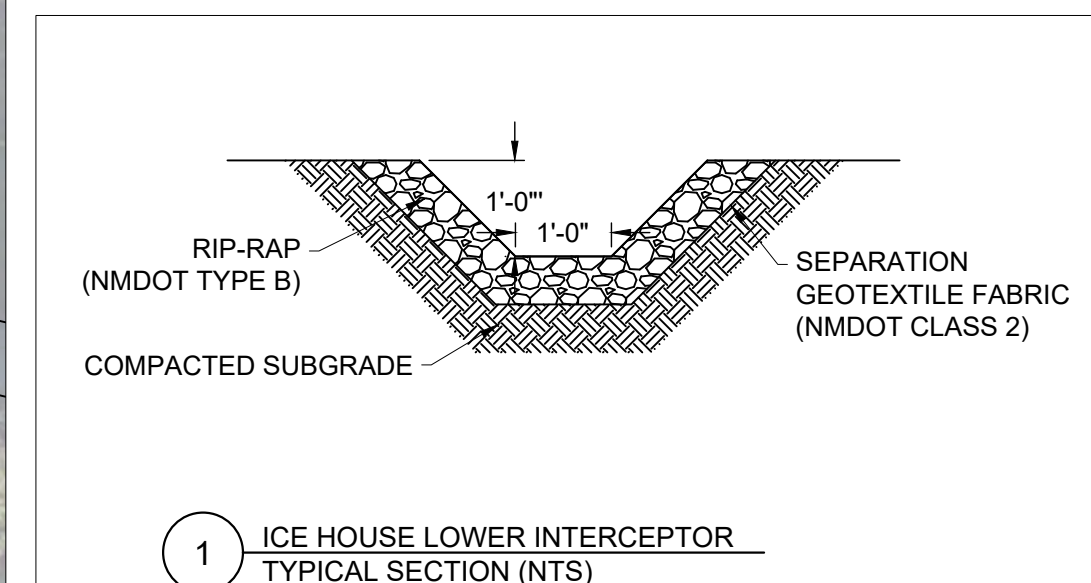
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SCALE		W.O. NO.	15740.001.003	SHT	23	OF	76

C:\Users\weston\OneDrive\Documents\AutoCAD\Projects\MADRID STORMWATER\Ice House Area\Plan.dwg October 30, 2024 - 11:21am



KEYED NOTES

1. RIPRAP LINED TRAPEZOIDAL CHANNEL 1 FT DEEP, 1 FT WIDE, WITH 2:1 SIDE SLOPES.
2. RIPRAP RUNDOWN.



NO.	DATE	APPR	REVISION	NO.	DATE	APPR	REVISION
A	5/10/24		100% DRAFT- ISSUED FOR REVIEW				

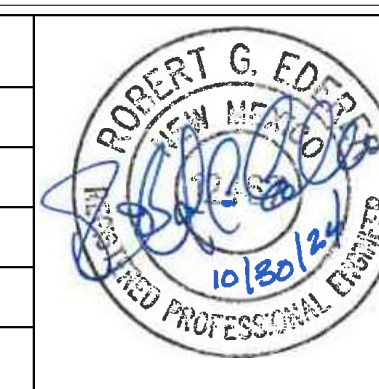
**VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT**

MADRID NEW MEXICO

WESTON SOLUTIONS

ALBUQUERQUE NEW MEXICO

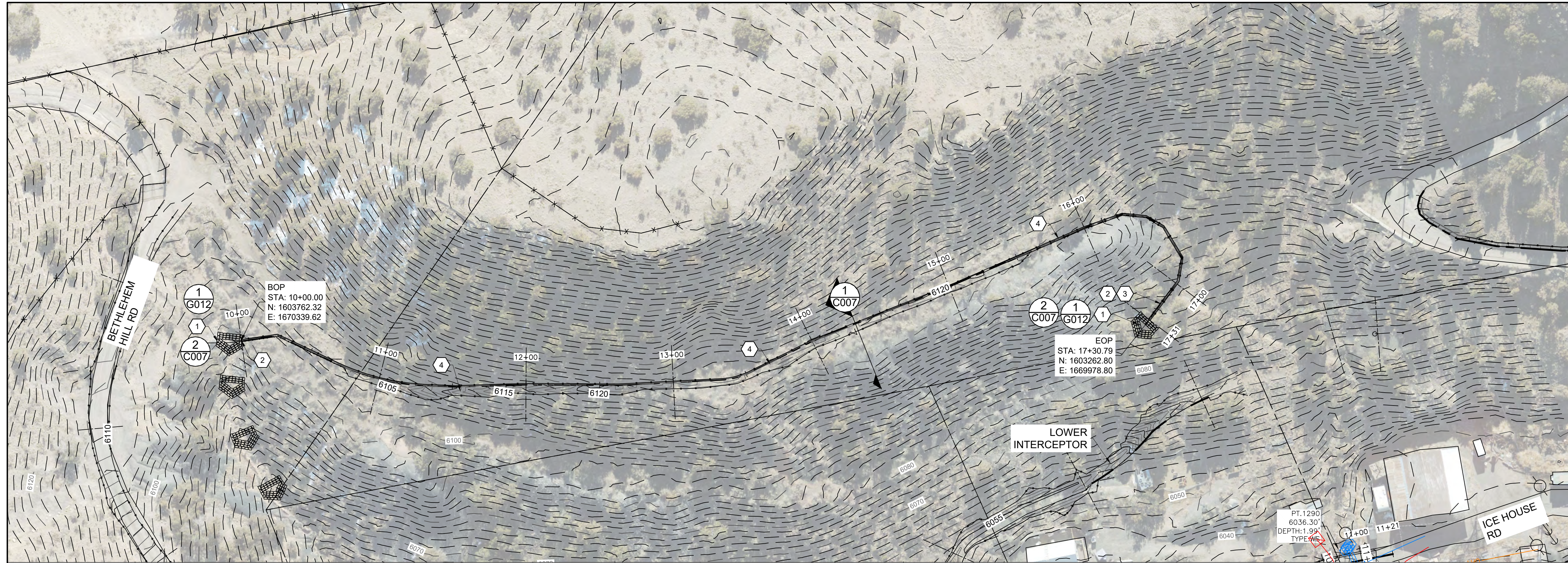
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PROJ. ENG.	RGE	10/31/24	
PROJ. MGR.	TDB	10/31/24	
APPROVED			
APPROVED			



**ICE HOUSE ROAD/MADRID ARROYO AREA
ICE HOUSE LOWER INTERCEPTOR
PLAN AND PROFILE**

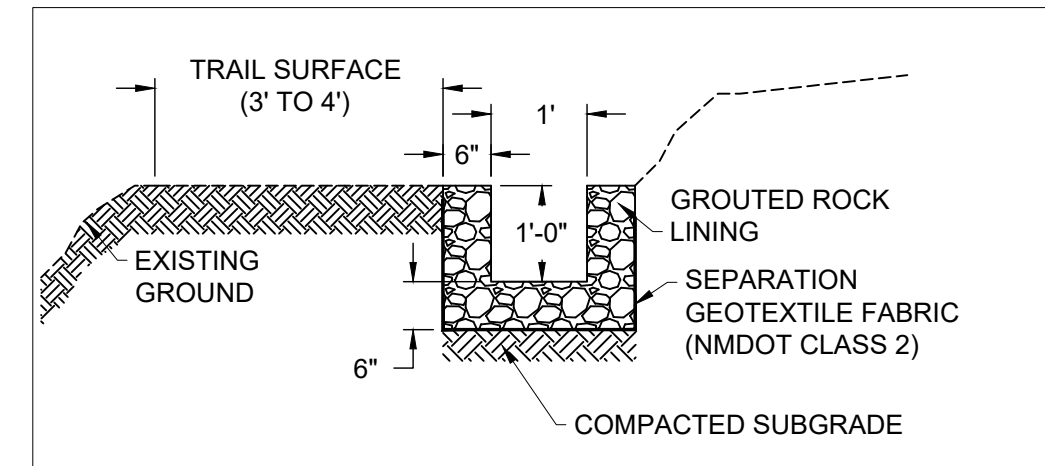
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SCALE		W.O. NO.	15740.001.003	SHT	24	OF	76

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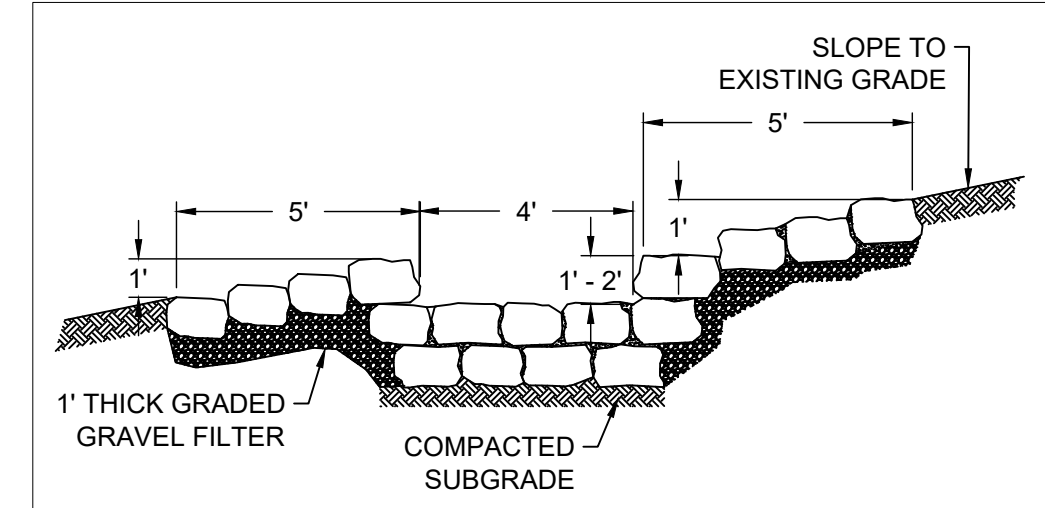


KEYED NOTES

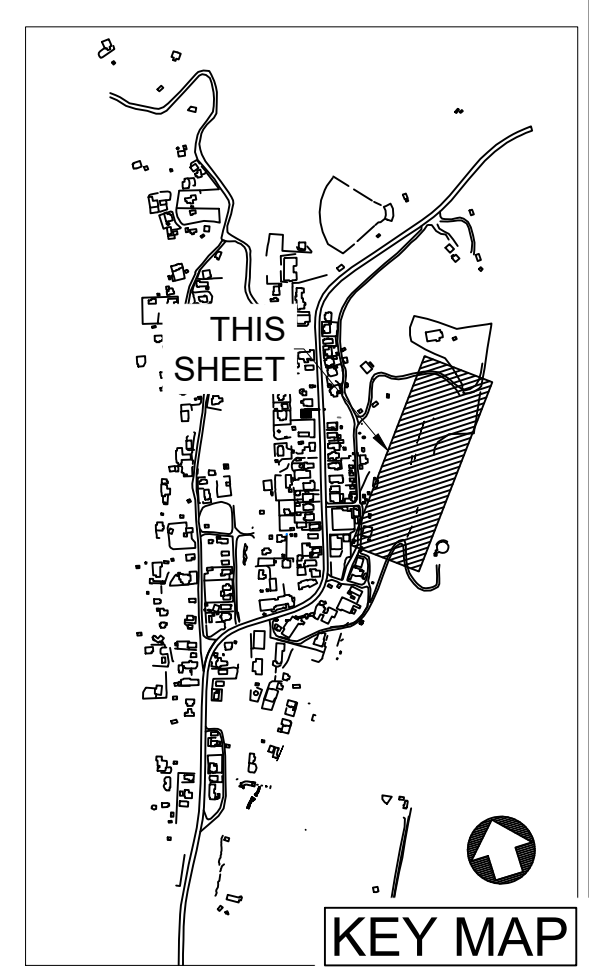
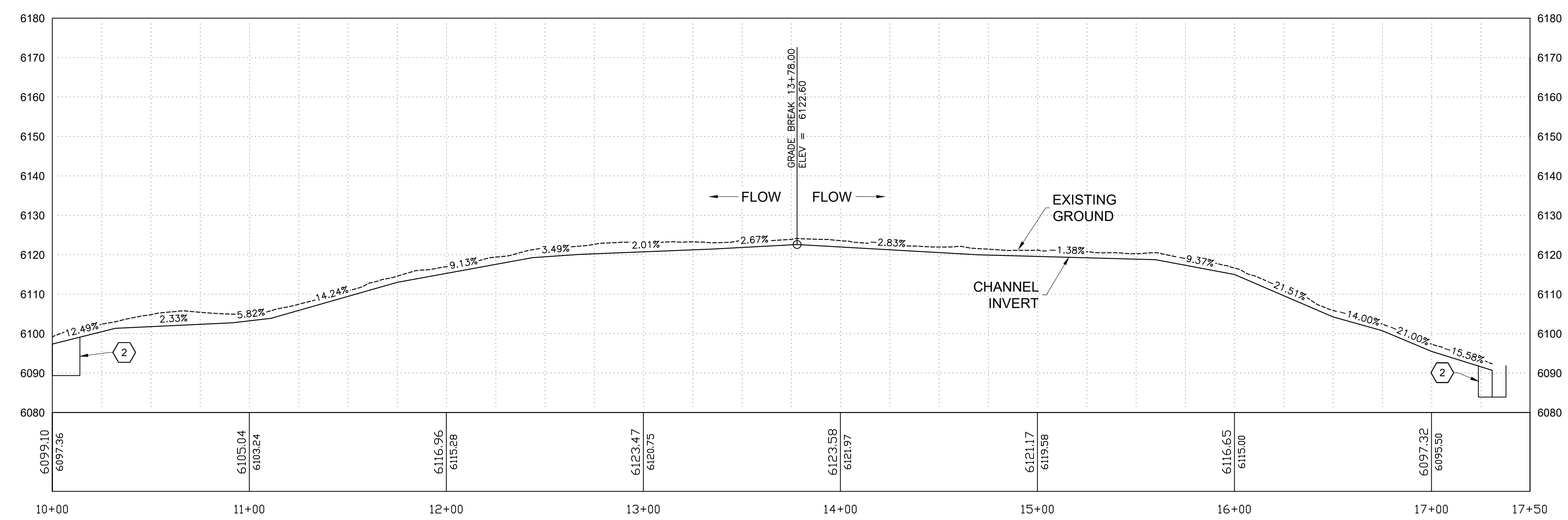
1. PLUNGE POOL. (2) (C007)
2. DIRECT CHANNEL OUTLET INTO PLUNGE POOL.
3. RIPRAP RUNDOWN APRON WITH NMDOT TYPE B RIPRAP.
4. GROUTED-ROCK LINED CHANNEL. (1) (C007)



1 ICE HOUSE UPPER INTERCEPTOR
TYPICAL SECTION (NTS)



2 PLUNGE POOL
TYPICAL SECTION (NTS)



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**VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT**

MADRID NEW MEXICO

WESTON SOLUTIONS

ALBUQUERQUE NEW MEXICO

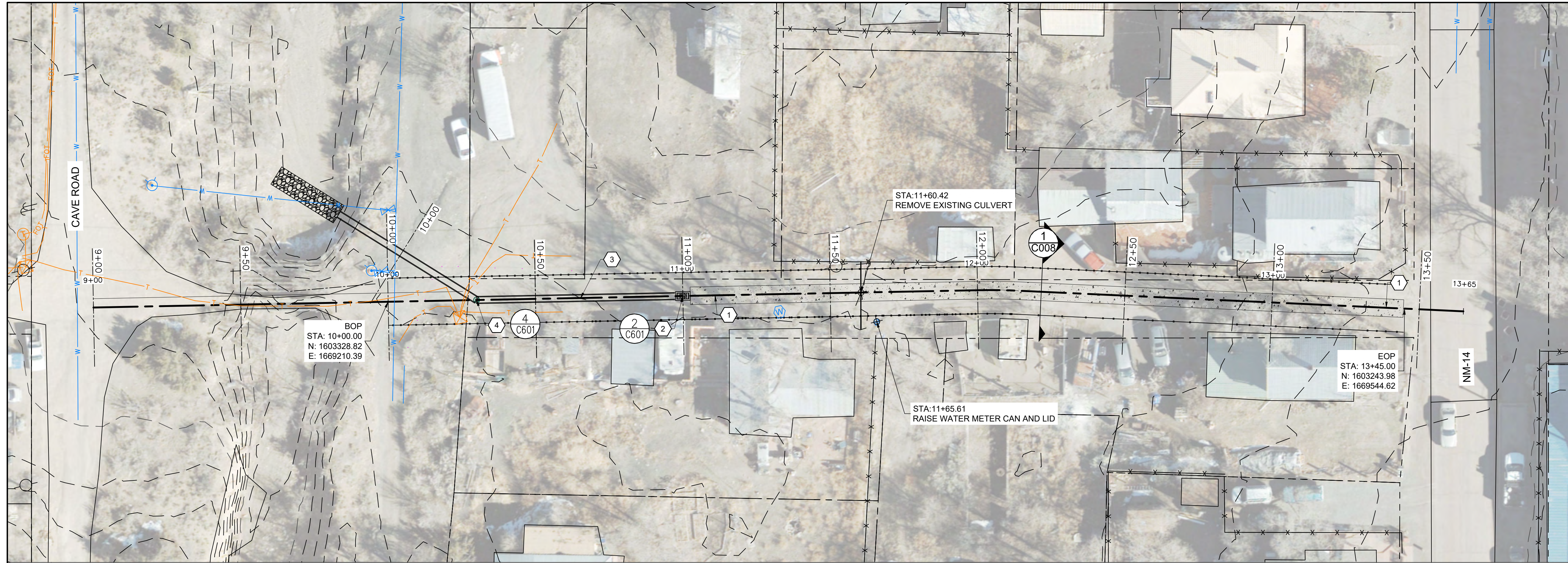
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PROJ. MGR.	TDB		10/31/24
APPROVED			
APPROVED			



**ICE HOUSE ROAD/MADRID ARROYO AREA
ICE HOUSE UPPER INTERCEPTOR
PLAN AND PROFILE**

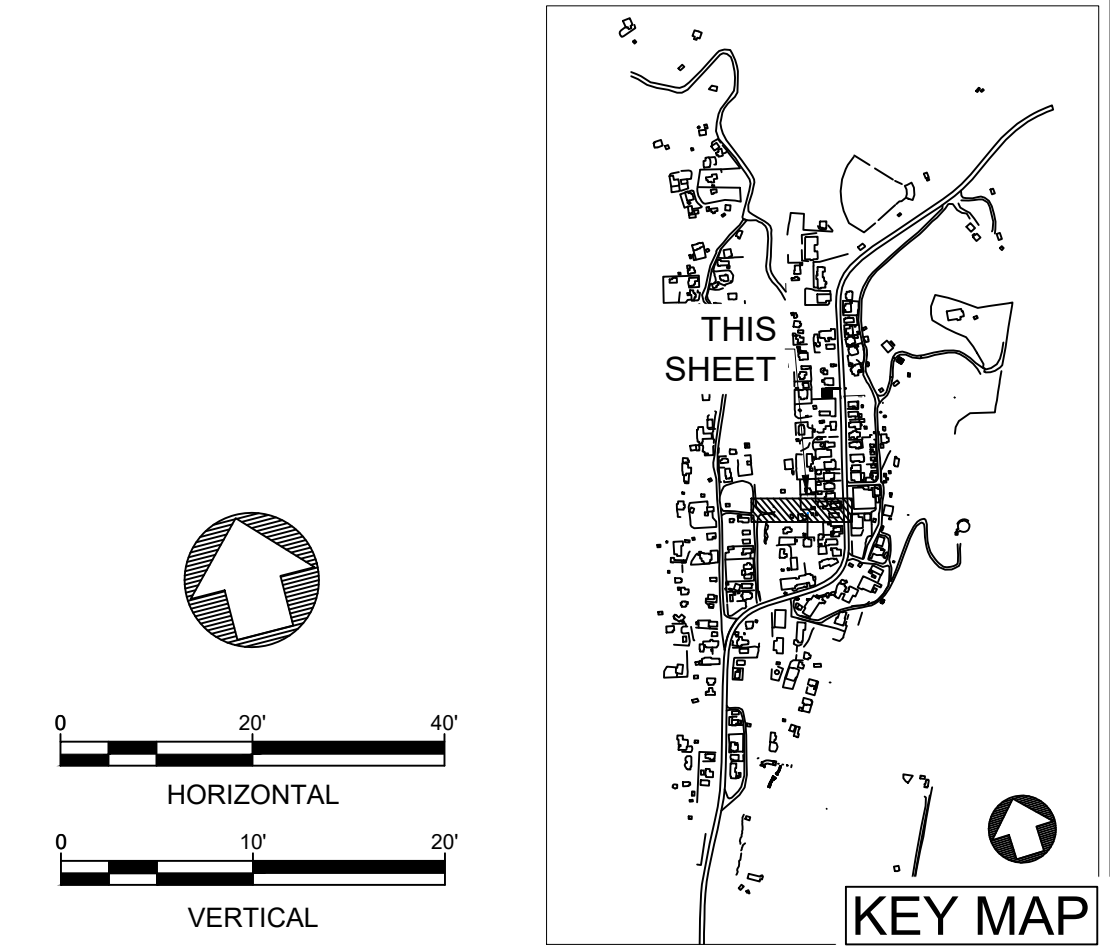
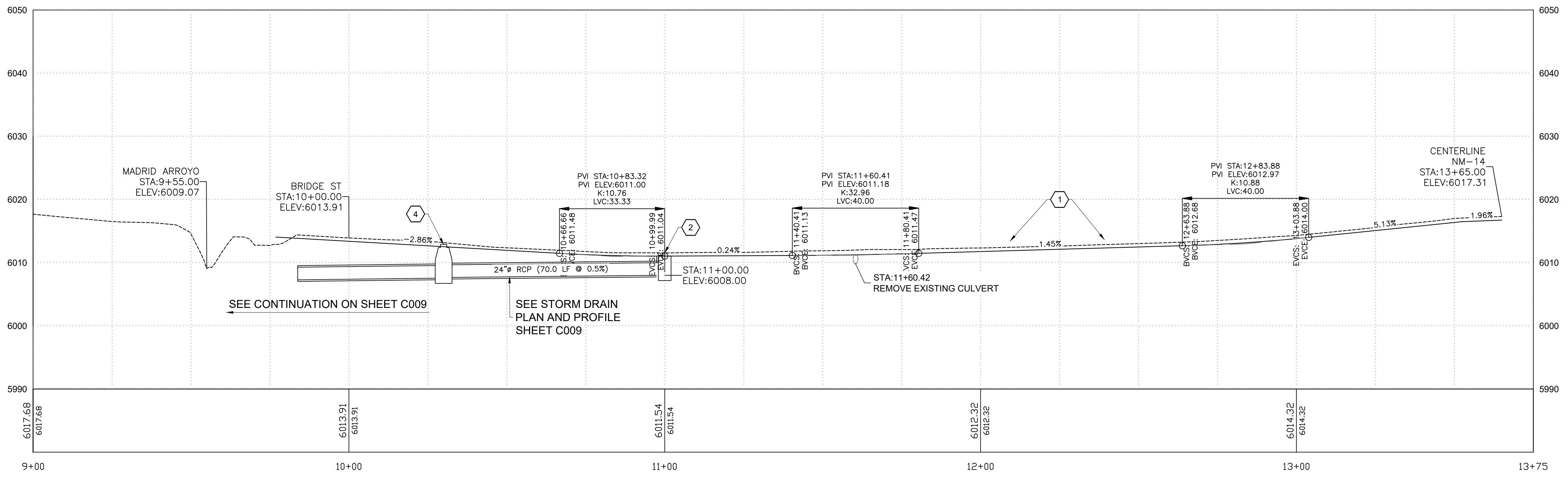
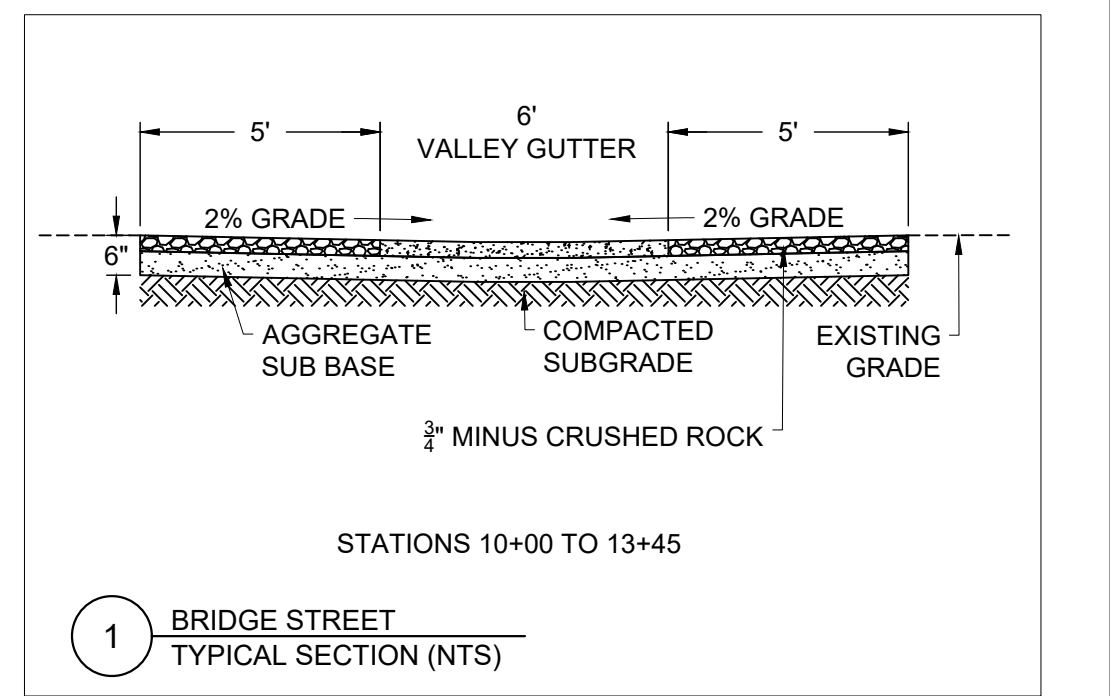
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SCALE		W.O. NO.	15740.001.003	SHT	25	OF	76

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- ### KEYED NOTES
- 6' WIDE VALLEY GUTTER. SEE DETAIL 5 ON SHEET G012.
 - DROP INLET - CATCH BASIN
 - 24" RCP STORM DRAIN
 - 48" DIAMETER MANHOLE

CONSTRUCTION NOTES



C:\Users\wester\OneDrive\Documents\Projects\MADRID STORMWATER\ICE HOUSE ROAD AREA\DWG October 20, 2024 - 11:22am

NO.	DATE	APPR	REVISION	NO.	DATE	APPR	REVISION
A	5/10/24		100% DRAFT- ISSUED FOR REVIEW				

**VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT**

MADRID NEW MEXICO

WESTON SOLUTIONS

ALBUQUERQUE NEW MEXICO

CHECKED	DATE	CLIENT APPROVALS	DATE
NAH	10/31/24		
DES. ENG.	SLJ		10/31/24
PROJ. ENG.	RGE		10/31/24
PROJ. MGR.	TDB		10/31/24
APPROVED			
APPROVED			



**ICE HOUSE ROAD/MADRID ARROYO AREA
BRIDGE STREET
PLAN AND PROFILE**

DRAWN	RW	DATE	---	DWG. NO.	C008	REV. NO.	B
SCALE		W.O. NO.		SHT	26	OF	76

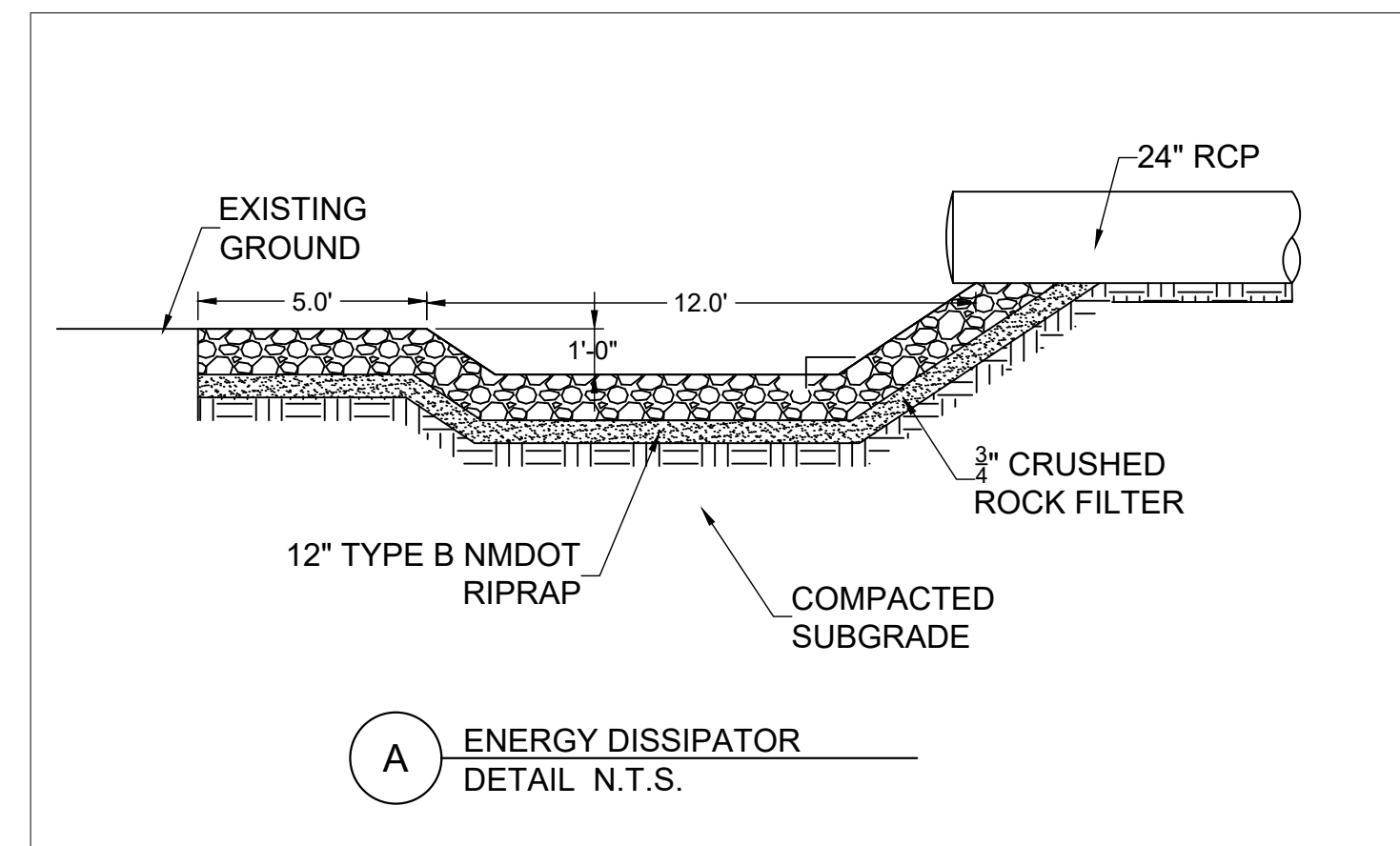
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KEYED NOTES

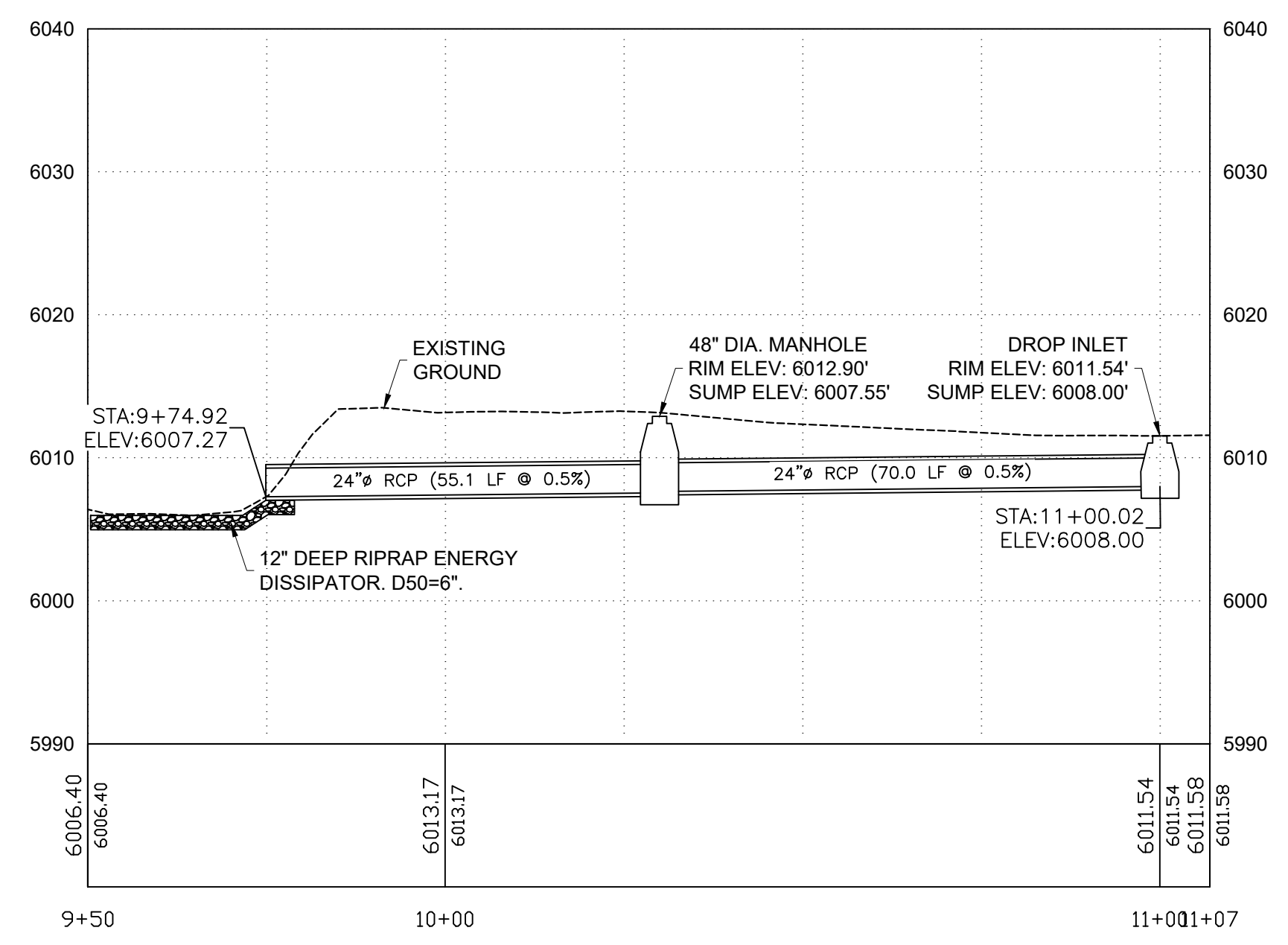
1. DROP INLET - CATCH BASIN.
2. 24" RCP STORM DRAIN.
3. 48" DIAMETER MANHOLE.



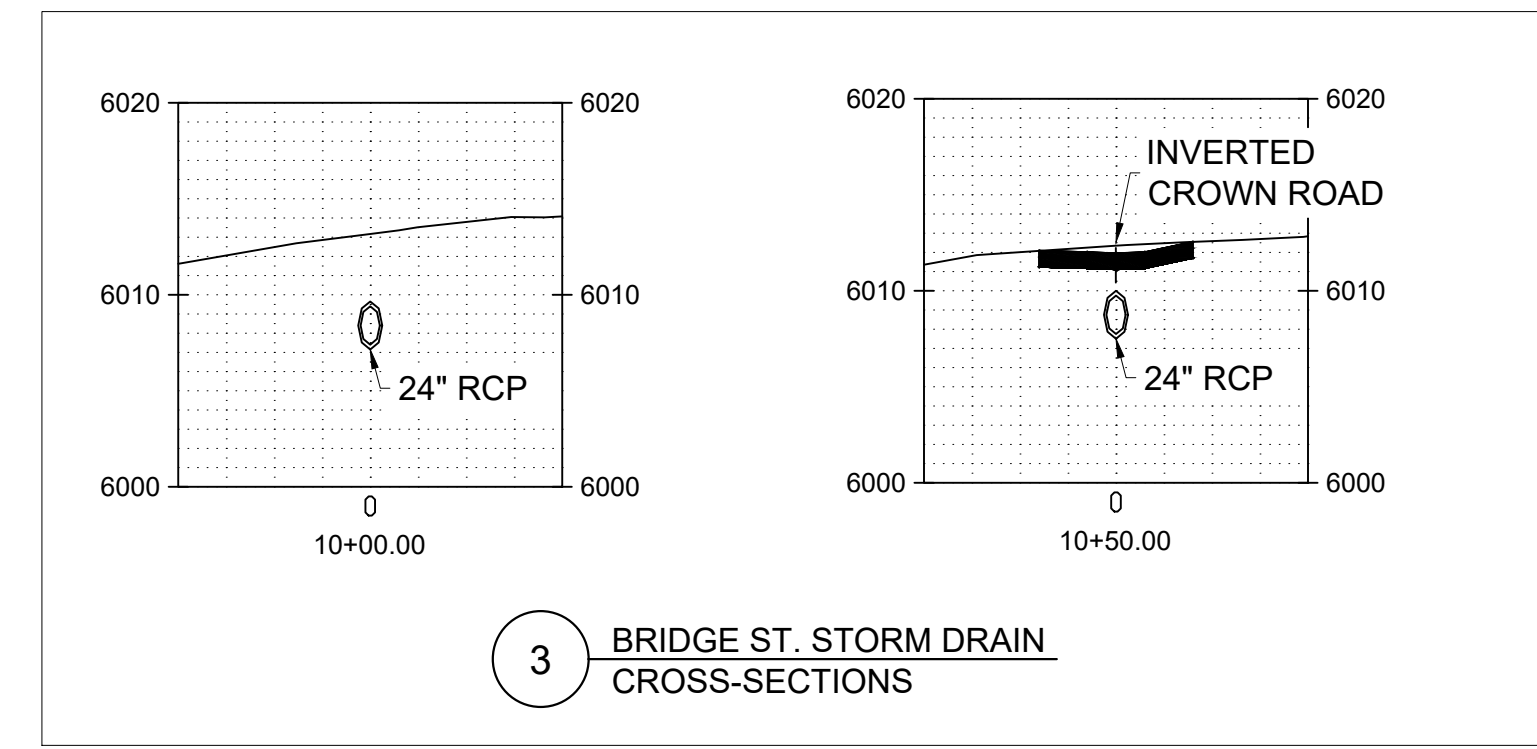
**1 BRIDGE ST. STORM DRAIN
PLAN VIEW**



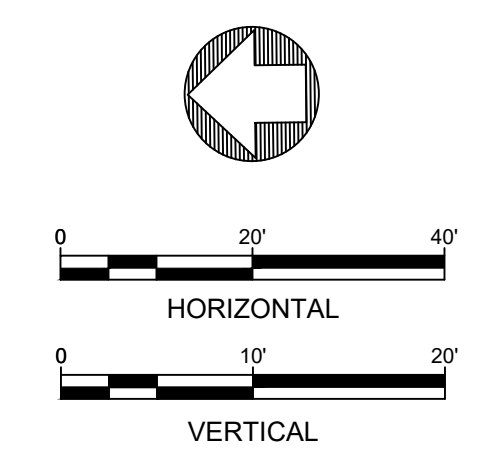
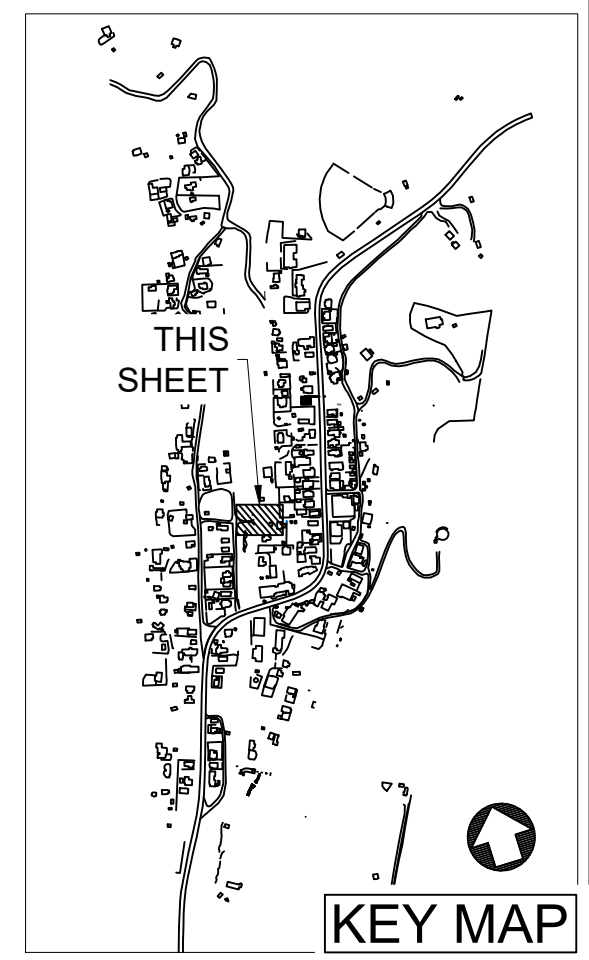
**A ENERGY DISSIPATOR
DETAIL N.T.S.**



**2 BRIDGE ST. STORM DRAIN
PROFILE VIEW**



**3 BRIDGE ST. STORM DRAIN
CROSS-SECTIONS**



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NO.	DATE	APPR	REVISION	NO.	DATE	APPR	REVISION
A	5/10/24		100% DRAFT- ISSUED FOR REVIEW				

**VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT**

MADRID NEW MEXICO

WESTON SOLUTIONS

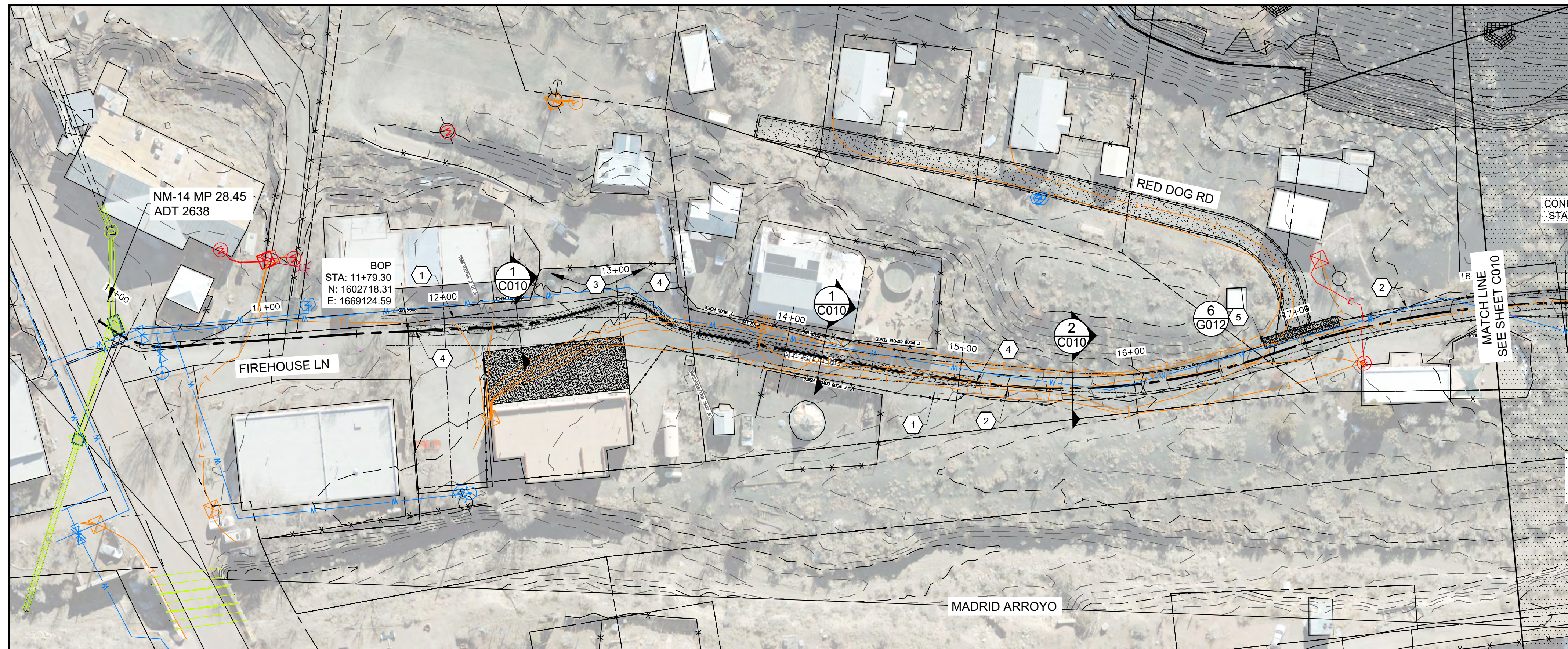
ALBUQUERQUE NEW MEXICO

CHECKED	DATE	CLIENT APPROVALS	DATE
NAH	10/31/24		
DES. ENG.	SLJ	10/31/24	
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PROJ. MGR.	TDB	10/31/24	
APPROVED			
APPROVED			



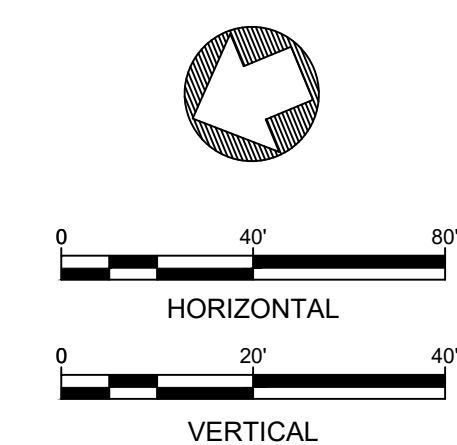
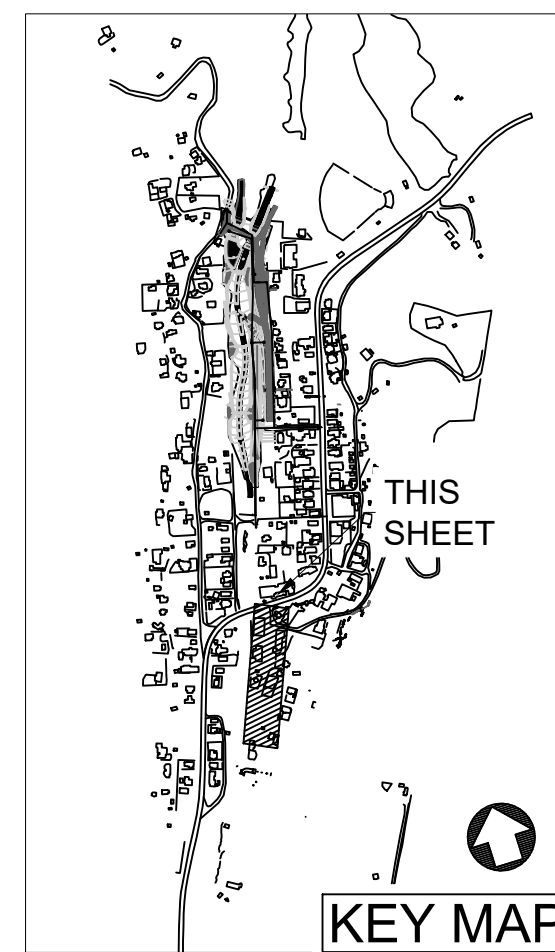
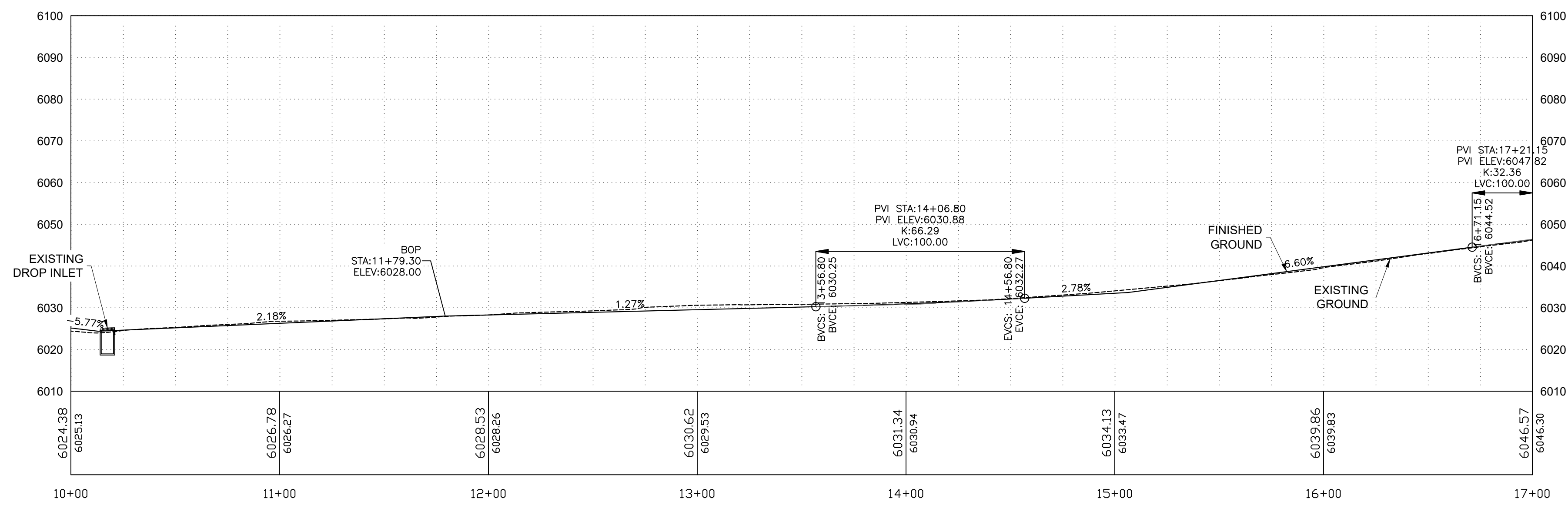
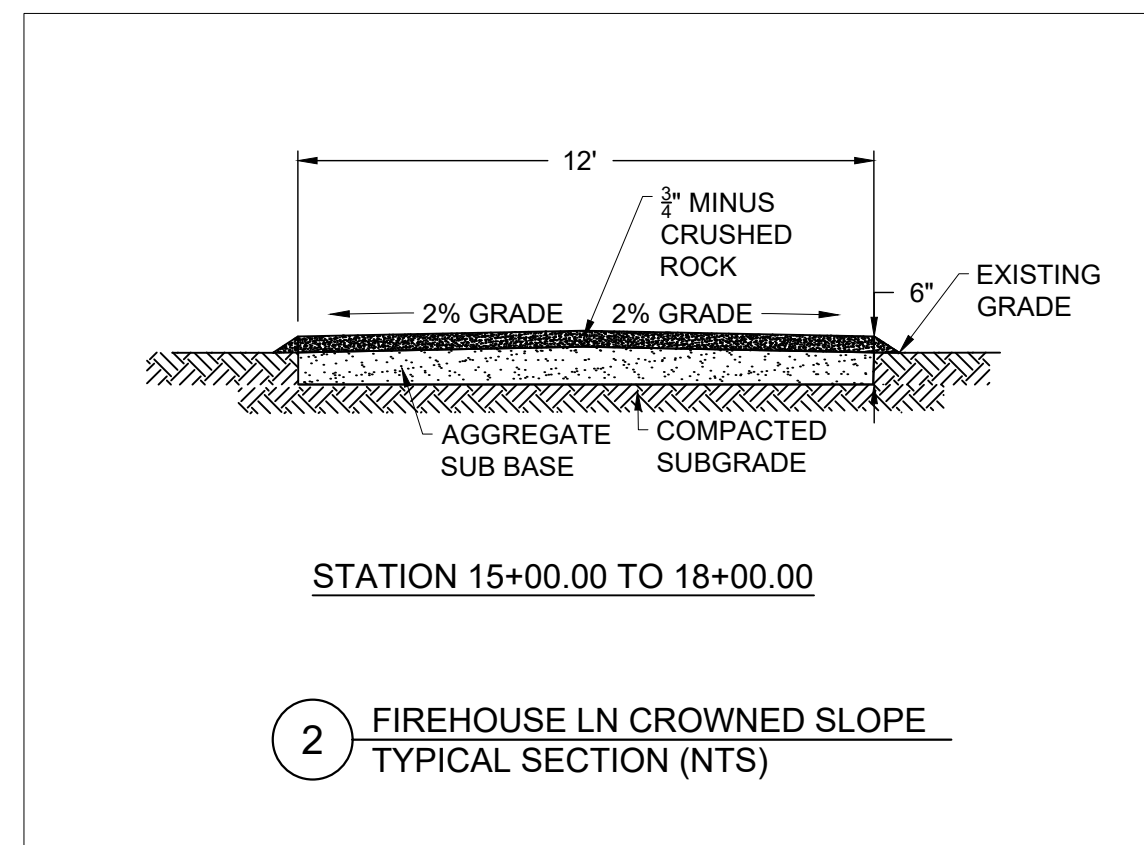
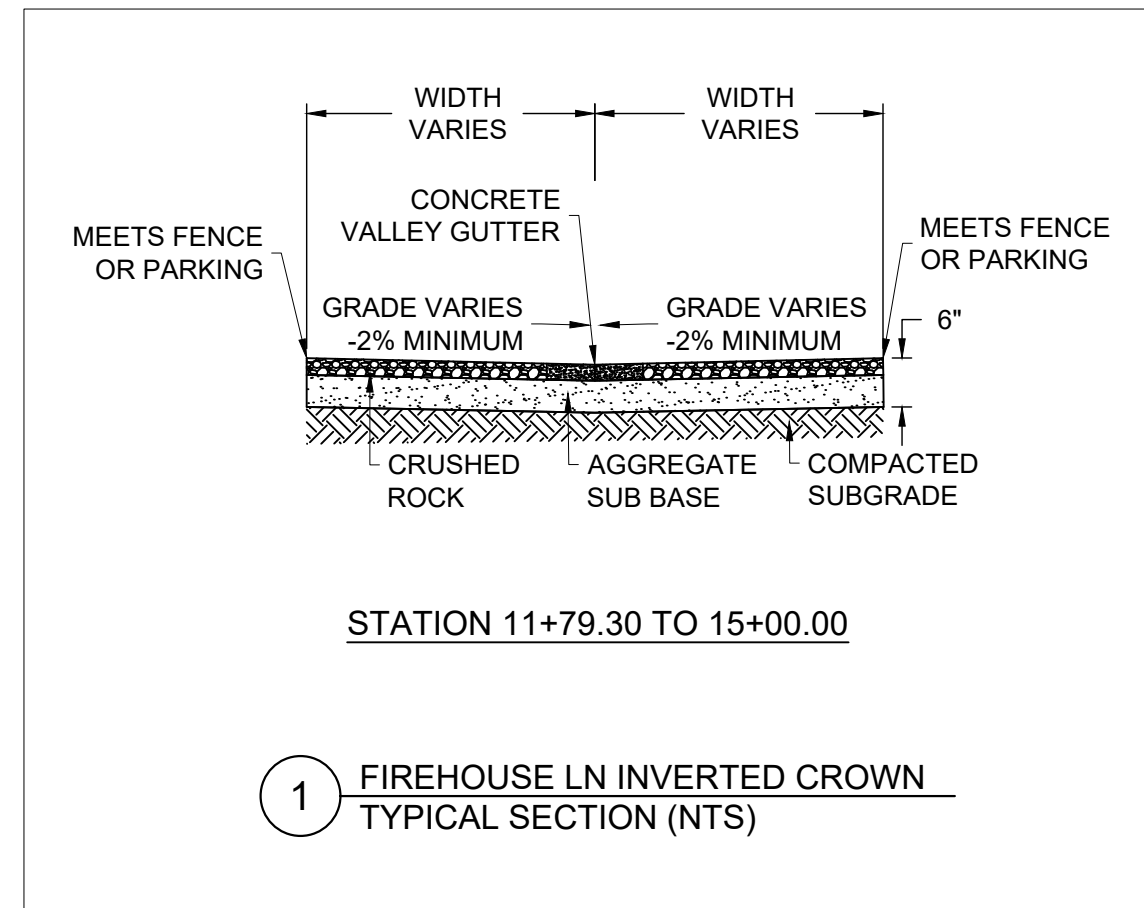
**ICE HOUSE ROAD/MADRID ARROYO AREA
BRIDGE STREET STORM DRAIN
PLAN AND PROFILE**

DRAWN	RW	DATE	---	DWG. NO.	C009	REV. NO.	B
SCALE		W.O. NO.	15740.001.003	SHT	27	OF	76



KEYED NOTES

1. INVERTED CROWN GRAVEL ROAD, WIDTH VARIES. SEE DETAIL 1 THIS SHEET.
2. 12-FOOT WIDE CROWNED GRAVEL ROAD.
3. DRIVE TURNOUT.
4. 2-FOOT WIDE CONCRETE VALLEY GUTTER
5. BUILD TYPICAL CONCRETE VALLEY GUTTER AT INTERSECTION OF FIREHOUSE LANE AND RED DOG ROAD.



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NO.	DATE	APPR	REVISION	NO.	DATE	APPR	REVISION
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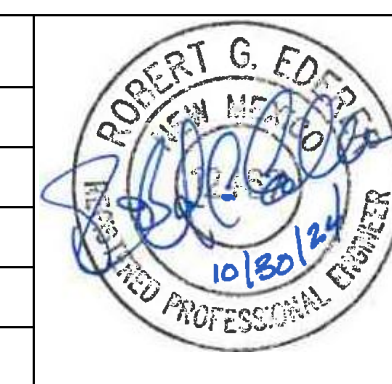
**VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT**

MADRID NEW MEXICO

WESTON SOLUTIONS

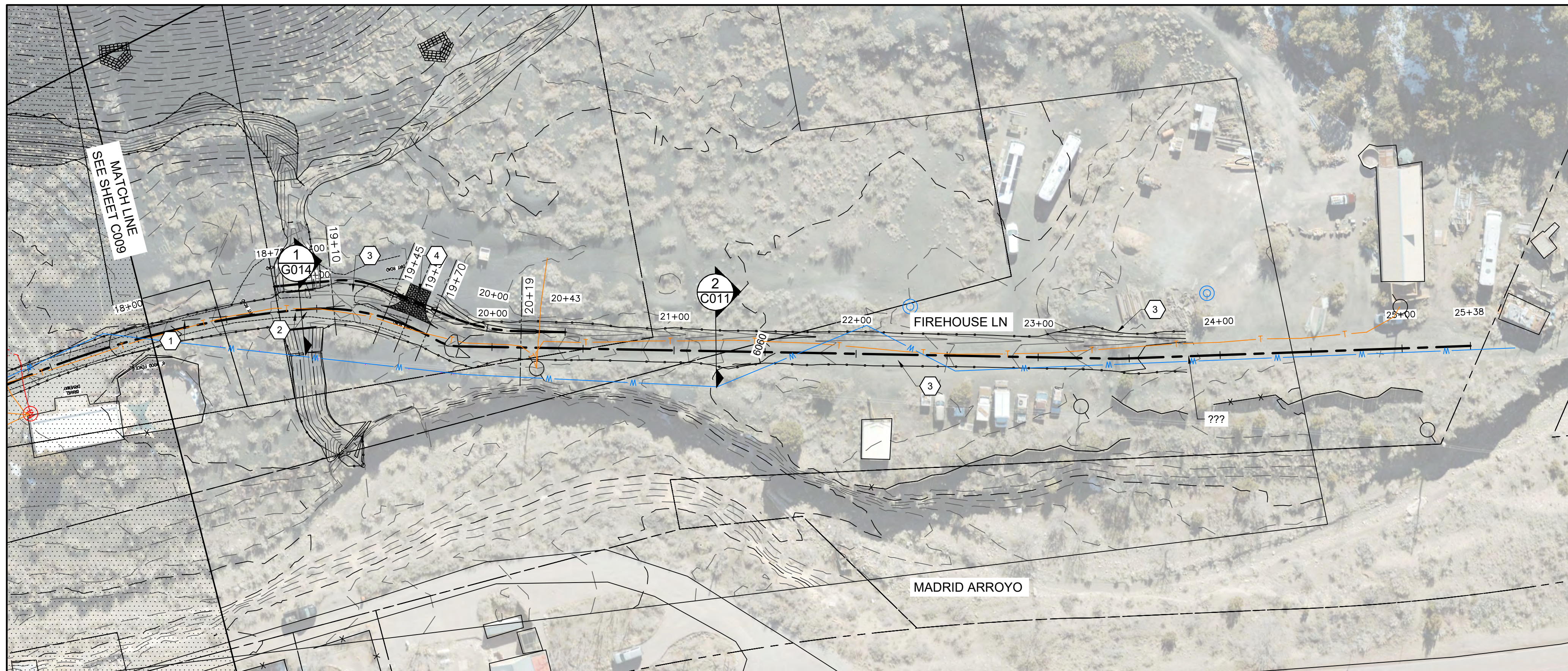
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CHECKED	DATE	CLIENT APPROVALS	DATE
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DES. ENG.	SLJ		10/31/24
PROJ. ENG.	RGE		10/31/24
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APPROVED			
APPROVED			



**FIREHOUSE LANE AREA
FIREHOUSE LANE
PLAN AND PROFILE (1 OF 2)**

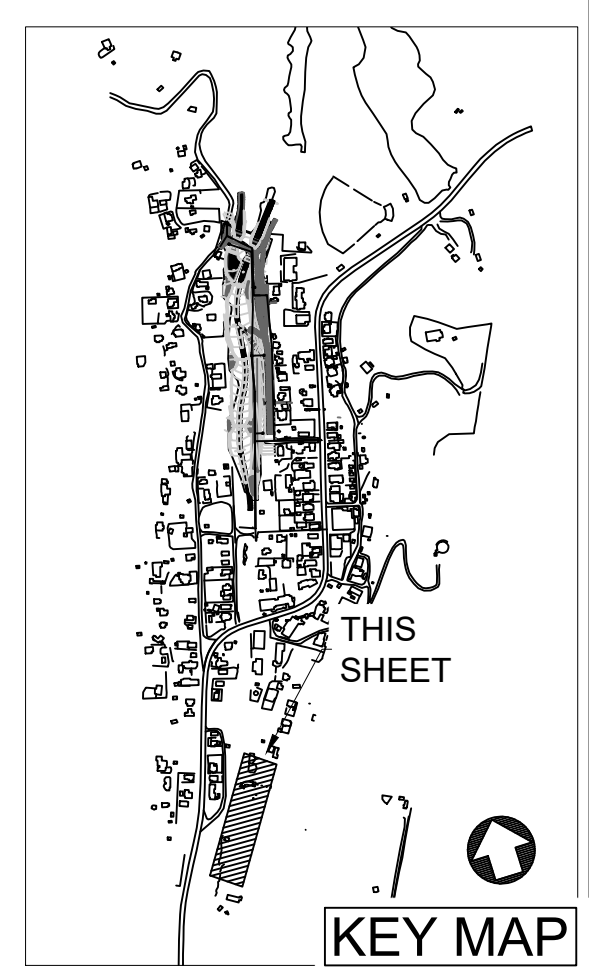
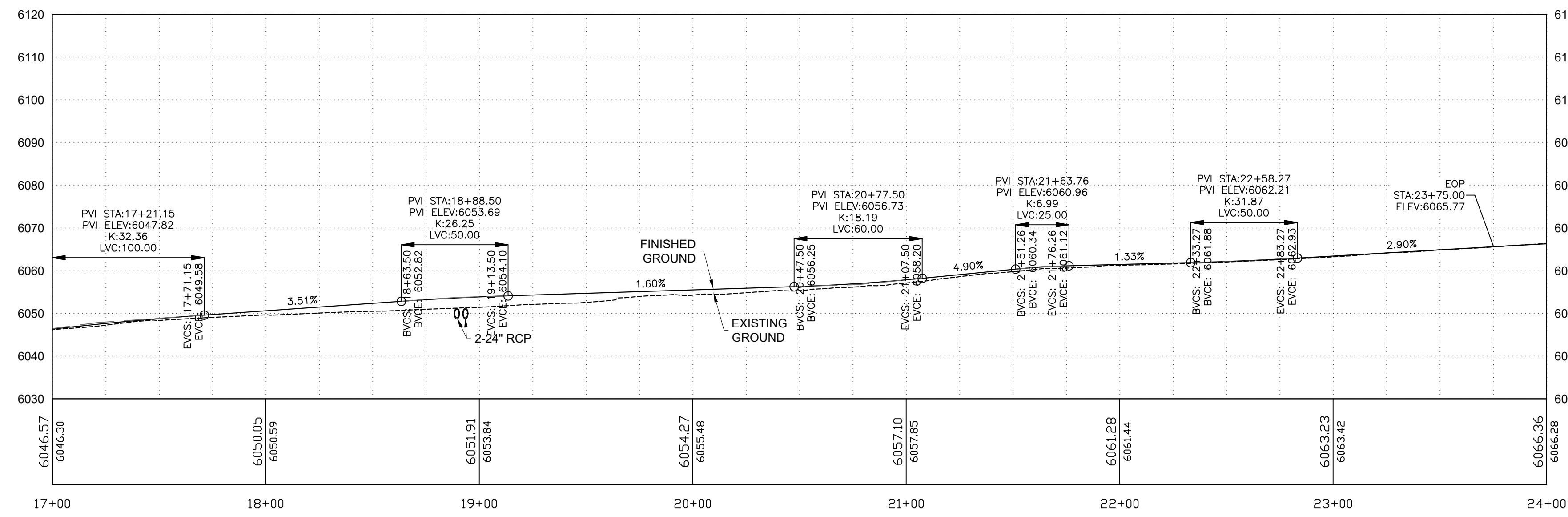
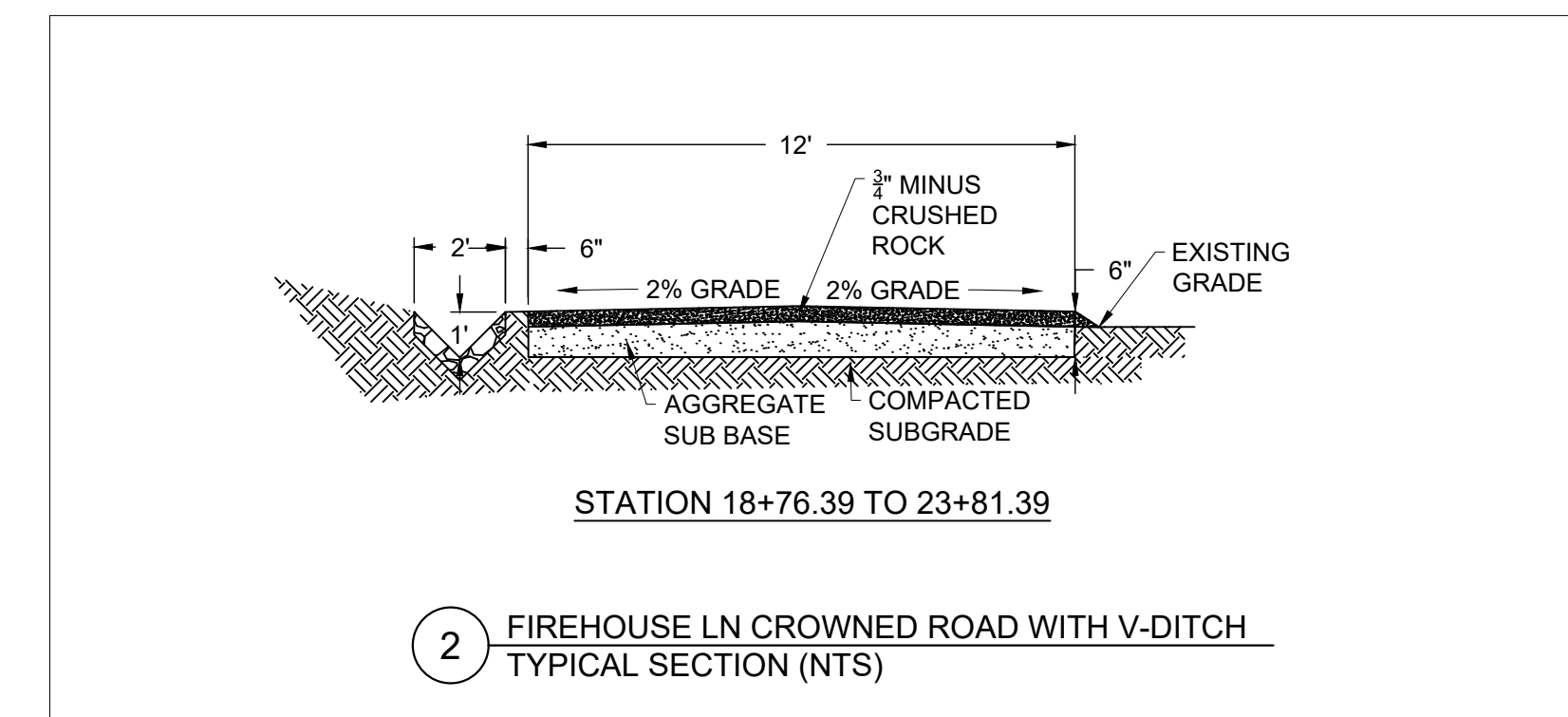
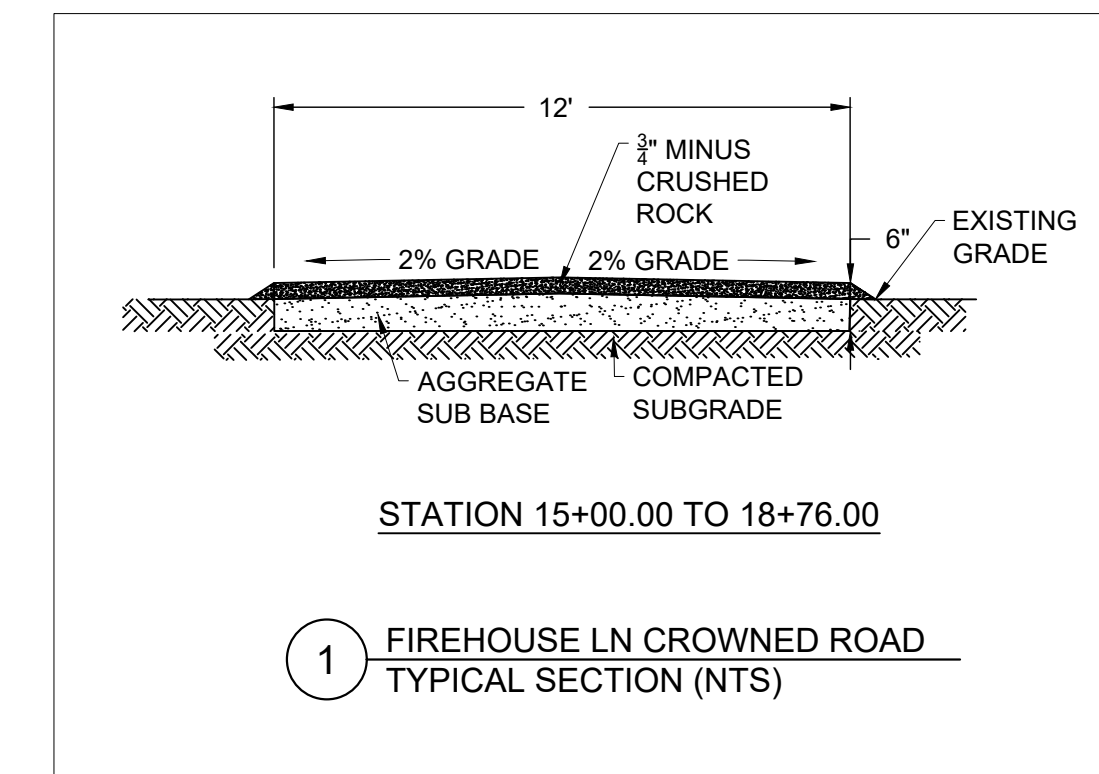
DRAWN	RW	DATE	---	DWG. NO.	C010	REV. NO.	B
SCALE		W.O. NO.	15740.001.003	SHT	28	OF	76



KEYED NOTES

1. 12-FOOT WIDE CROSS-SLOPED GRAVEL ROAD.
2. TWO 24-INCH REINFORCED CONCRETE PIPES AND HEADWALLS.
3. 12-FOOT WIDE CROWNED GRAVEL ROAD WITH TRAPEZOID CHANNEL 1-FOOT DEEP, 2:1 SIDE SLOPES, AND ARMORED WITH ROCK.
4. 12'-FOOT WIDE DRIVE PAD WITH 18-INCH CMP CULVERT AND END SECTIONS PLACED ALONG THE FLOW LINE.

CONSTRUCTION NOTES



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NO.	DATE	APPR	REVISION	NO.	DATE	APPR	REVISION
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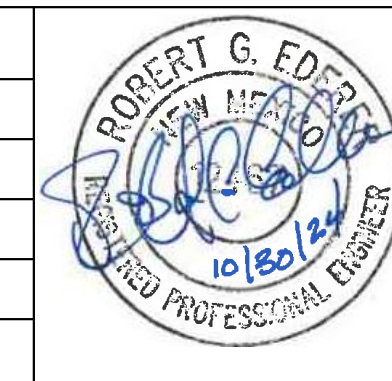
**VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT**

MADRID NEW MEXICO

WESTON SOLUTIONS

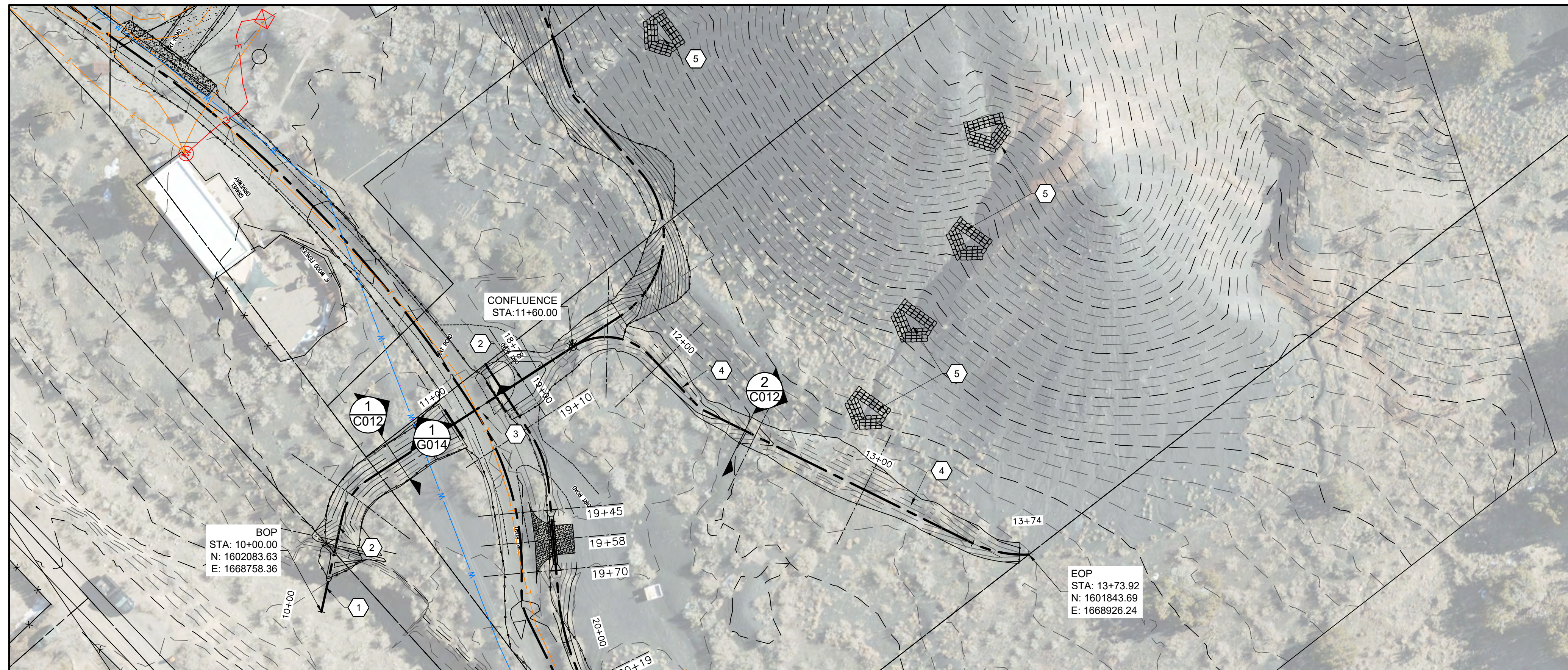
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DES. ENG.	SLJ		10/31/24
PROJ. ENG.	RGE		10/31/24
PROJ. MGR.	TDB		10/31/24
APPROVED			
APPROVED			



**FIREHOUSE LANE AREA
FIREHOUSE LANE
PLAN AND PROFILE (2 OF 2)**

DRAWN	RW	DATE	---	DWG. NO.	C011	REV. NO.	B
SCALE		W.O. NO.					
		15740.001.003		SHT	29	OF	76

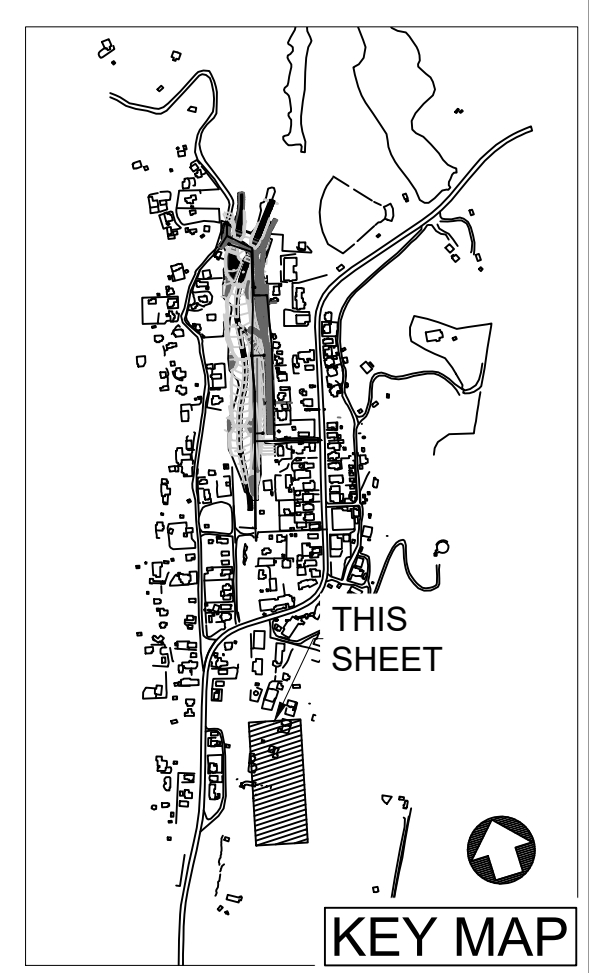
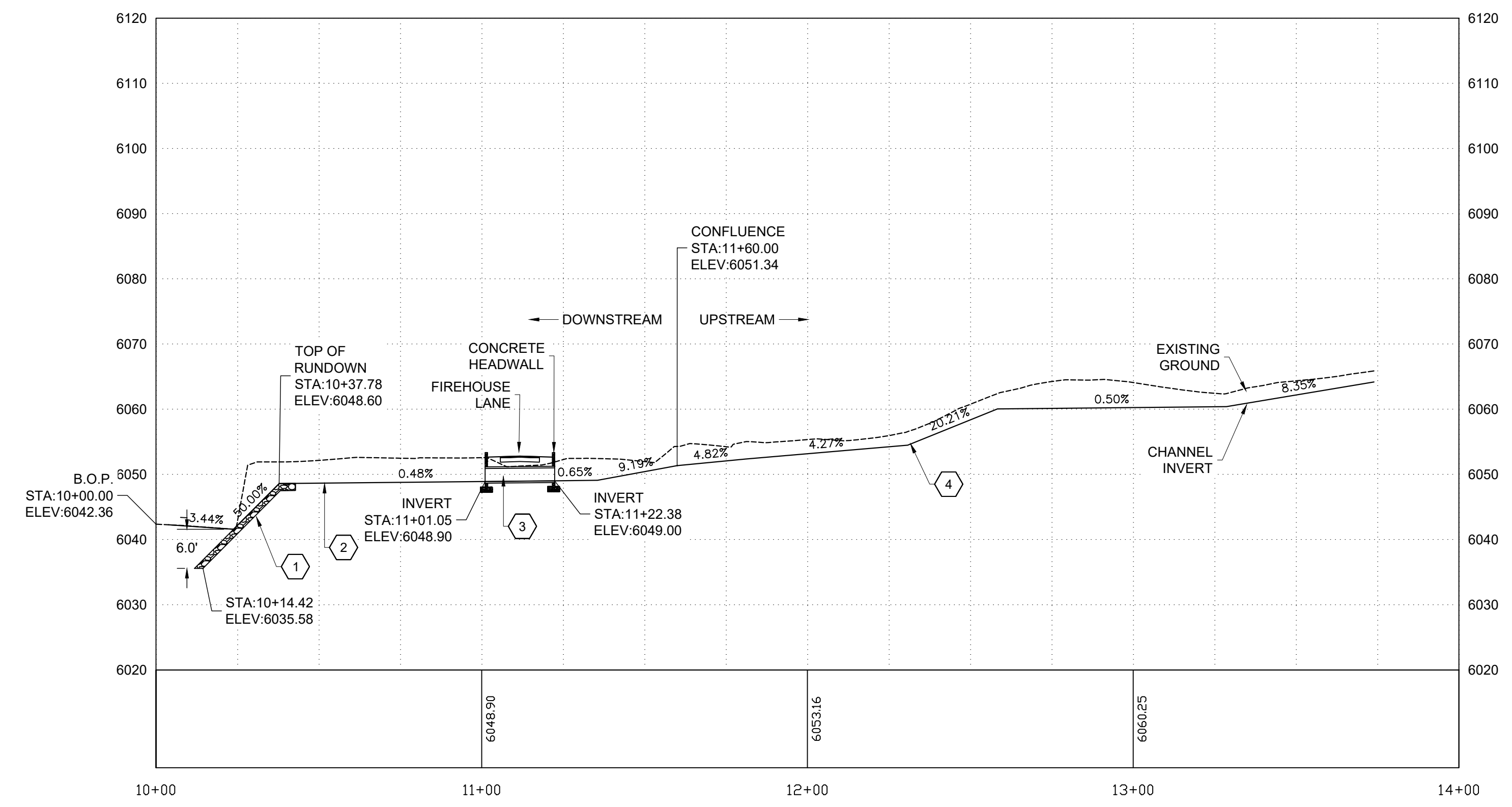
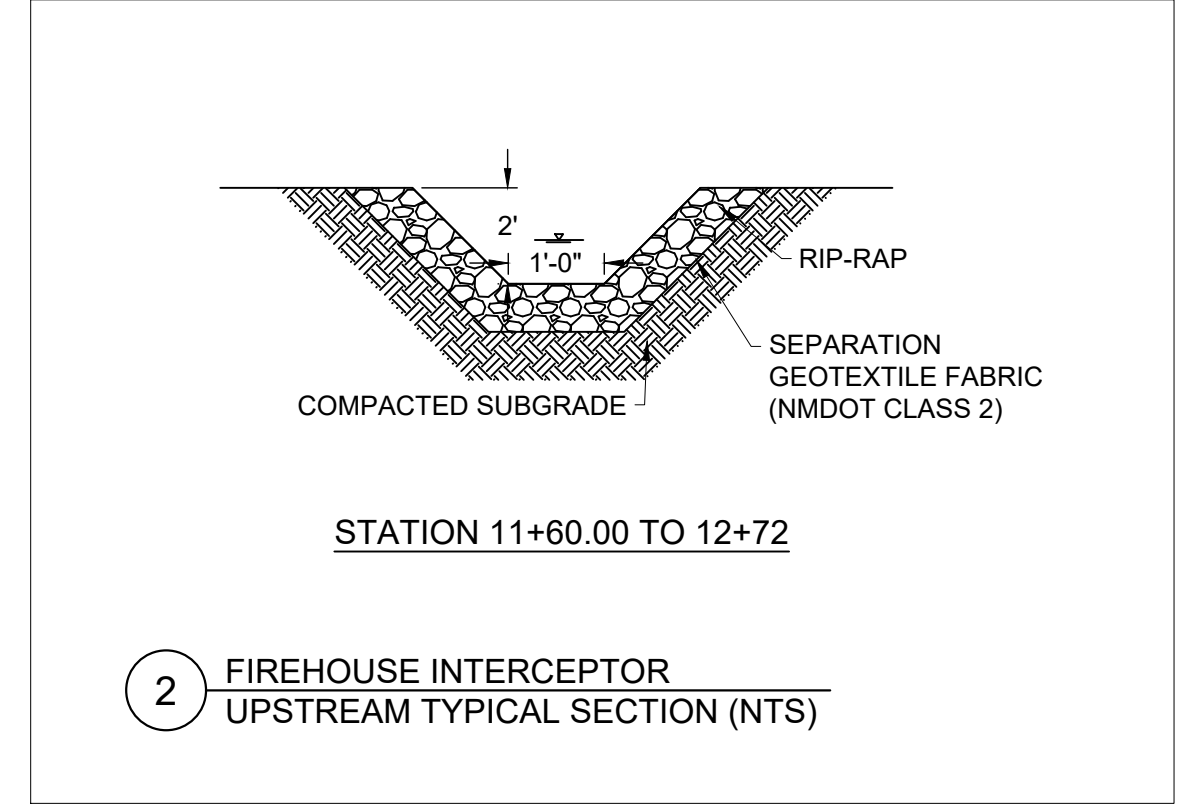
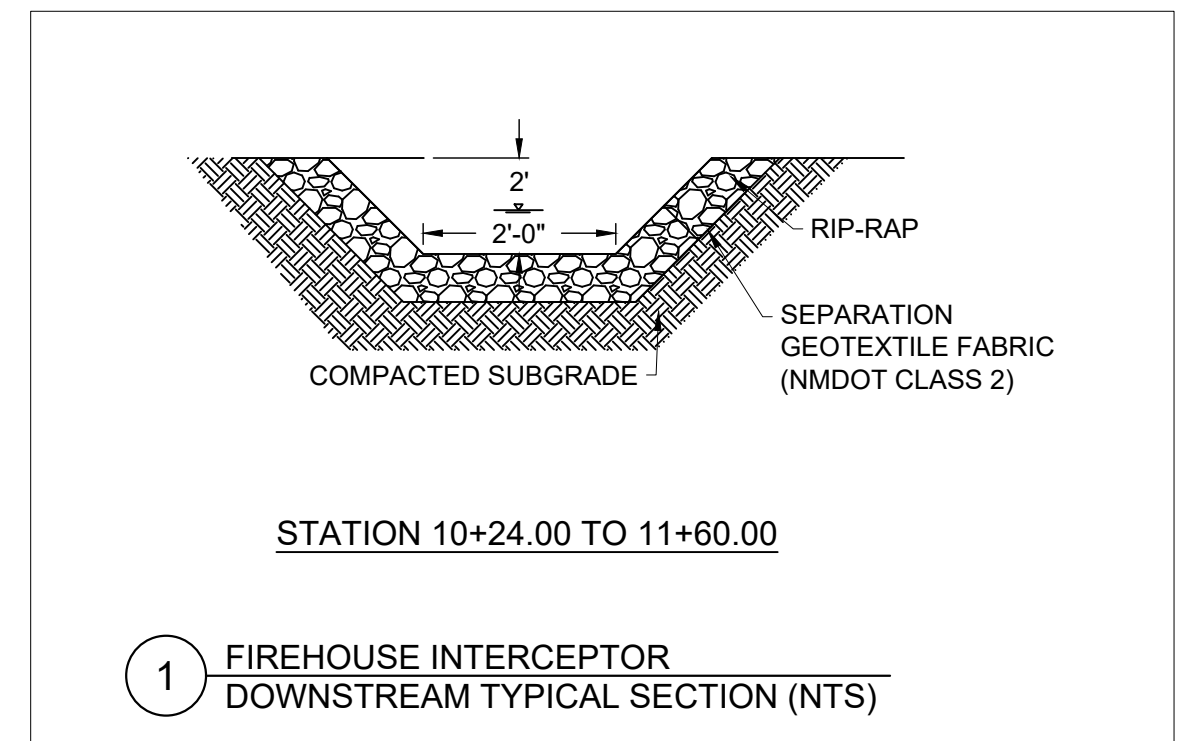


KEYED NOTES

1. GROUTED RIP RAP RUNDOWN.
2. TRAPEZOIDAL CHANNEL 2-FOOT DEEP, 2-FOOT BOTTOM WIDTH, 2:1 SIDE SLOPES, AND ARMORED WITH NMDOT TYPE B RIPRAP. SEE DETAIL ON DWG G007.
3. TWO 24-INCH REINFORCED CONCRETE PIPES AND HEADWALLS.
4. TRAPEZOIDAL CHANNEL 2 FOOT DEEP, 1-FOOT BOTTOM WIDTH, 2:1 SIDE SLOPES AND ARMORED WITH NMDOT TYPE B RIPRAP. SEE SHEET G007 FOR TYPICAL SECTION.
5. PLUNGE POOL (TYP). 1
G012

CONSTRUCTION NOTES

- A. FIREHOUSE UPPER INTERCEPTOR IS TRAPEZOIDAL 2 FT DEEP AND 1 FT WIDE, WITH 2:1 SIDE SLOPES.



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NO.	DATE	APPR	REVISION	NO.	DATE	APPR	REVISION
A	5/10/24		100% DRAFT- ISSUED FOR REVIEW				

**VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT**

MADRID NEW MEXICO

WESTON SOLUTIONS

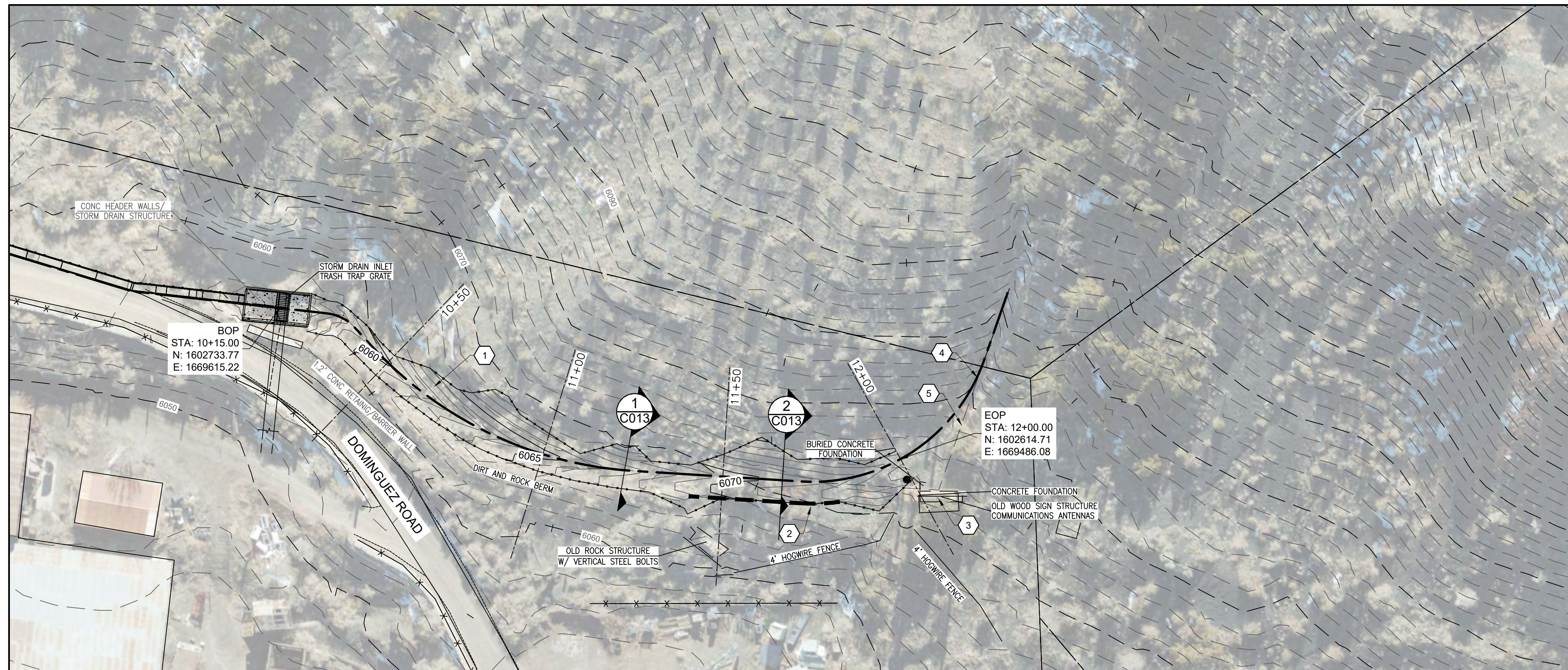
ALBUQUERQUE NEW MEXICO

CHECKED	DES. ENG.	PROJ. ENG.	PROJ. MGR.	APPROVED	DATE	CLIENT APPROVALS	DATE
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**FIREHOUSE LANE AREA
FIREHOUSE INTERCEPTOR
PLAN AND PROFILE**

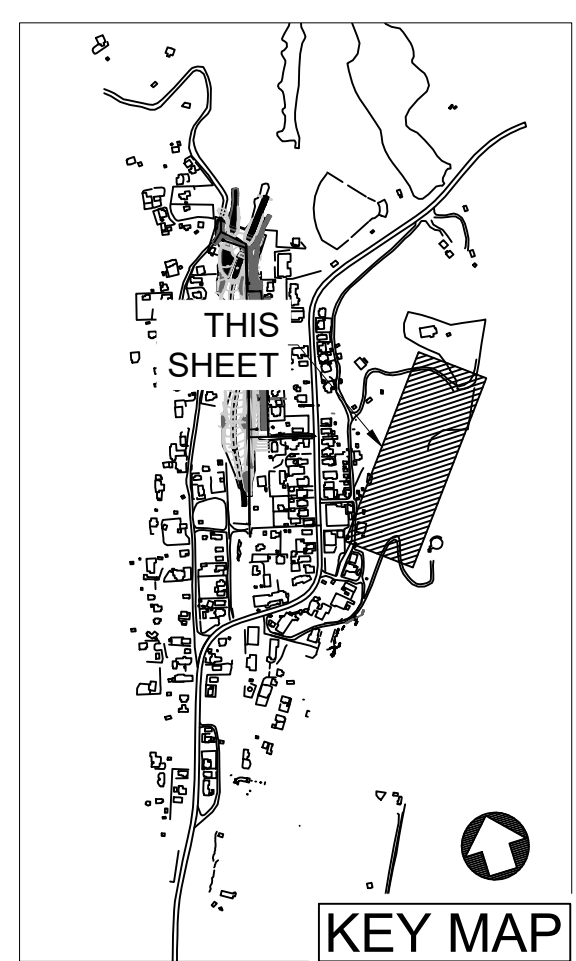
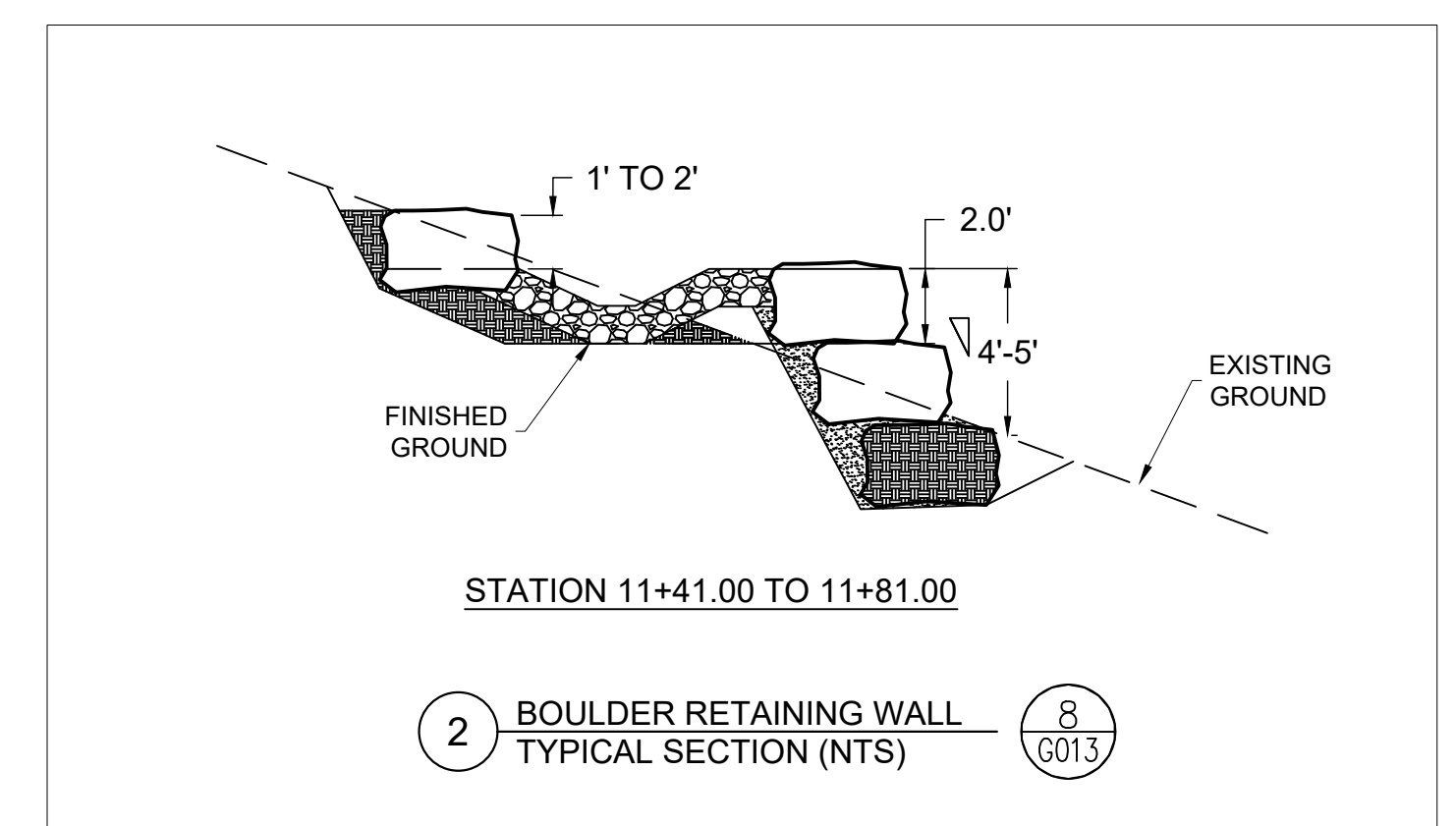
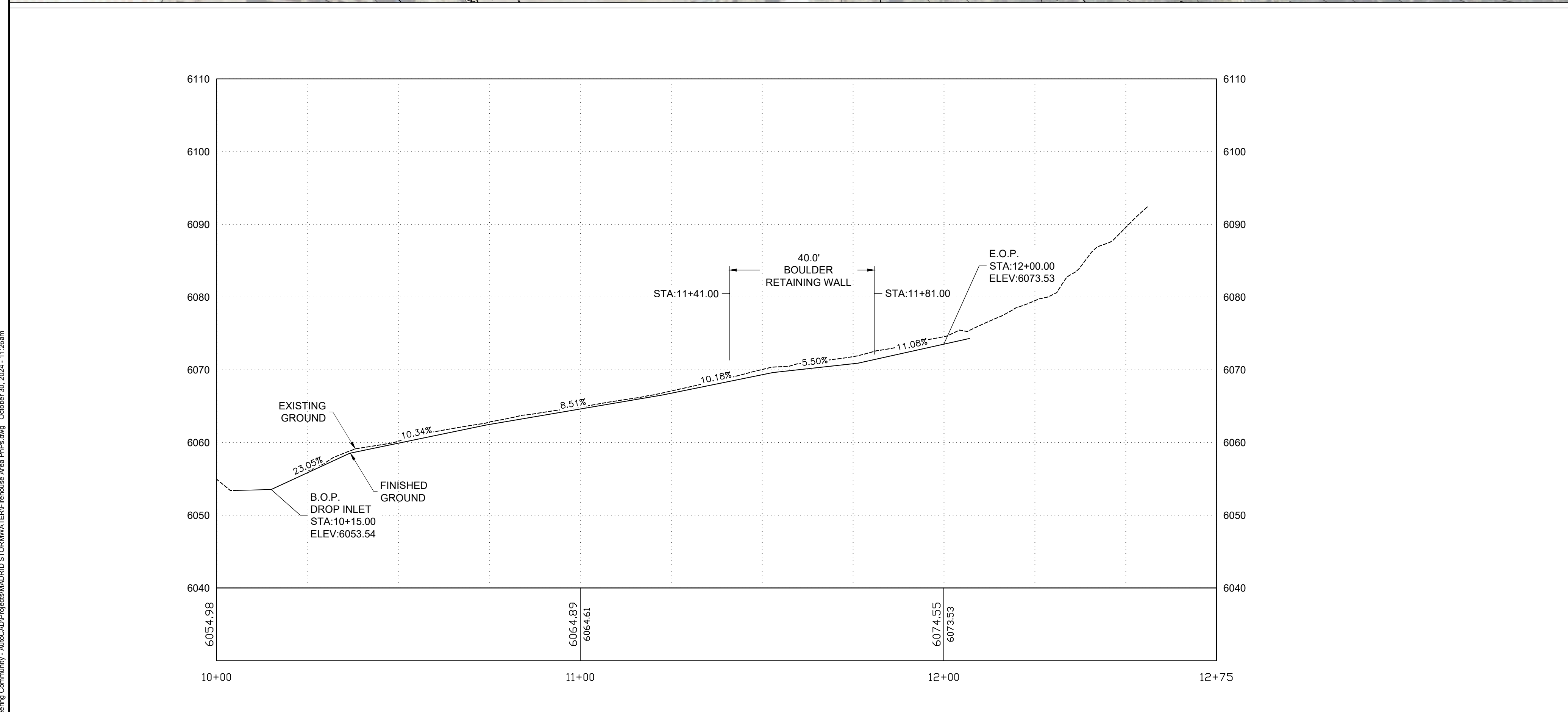
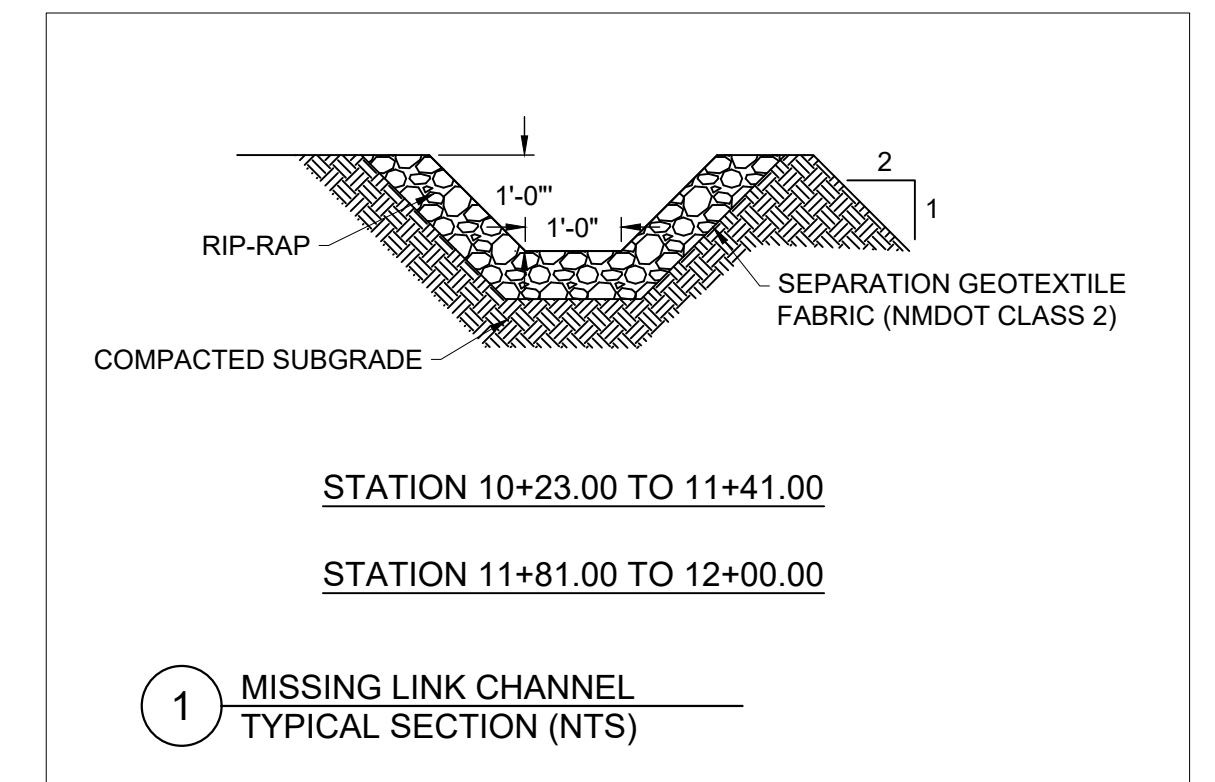
DRAWN	RW	DATE	---	DWG. NO.	C012	REV. NO.	B
SCALE		W.O. NO.	15740.001.003	SHT	30	OF	76



KEYED NOTES

1. TRAPEZOID CHANNEL.
2. BOULDER RETAINING WALL.
3. EXISTING POWER POLES (ABANDONED)
4. EXISTING ROCK DROP STRUCTURE
5. EXISTING PLUNGE POOL

CONSTRUCTION NOTES



NO.	DATE	APPR	REVISION	NO.	DATE	APPR	REVISION
A	5/10/24		100% DRAFT- ISSUED FOR REVIEW				

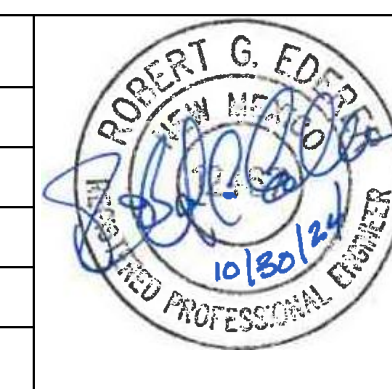
**VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT**

MADRID NEW MEXICO

WESTON SOLUTIONS

ALBUQUERQUE NEW MEXICO

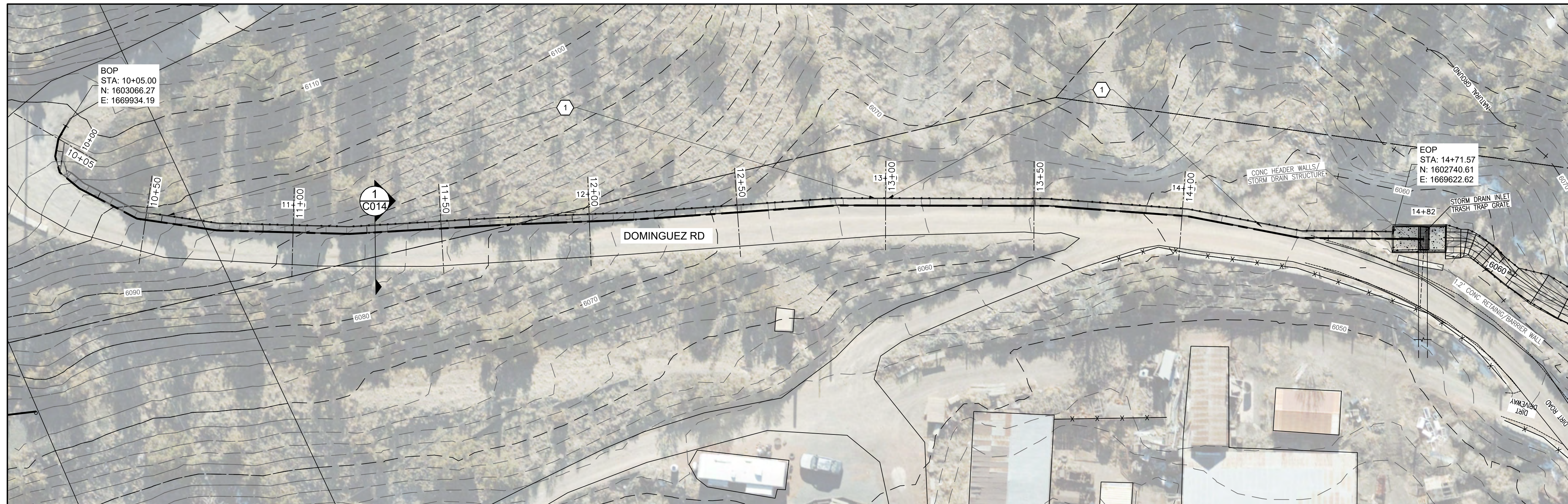
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NAH	SLJ	RGE	TDB		10/31/24		



**FIREHOUSE LANE AREA
MISSING LINK CHANNEL
PLAN AND PROFILE**

DRAWN	RW	DATE	---	DWG. NO.	C013	REV. NO.	B
SCALE		W.O. NO.	15740.001.003	SHT	31	OF	76

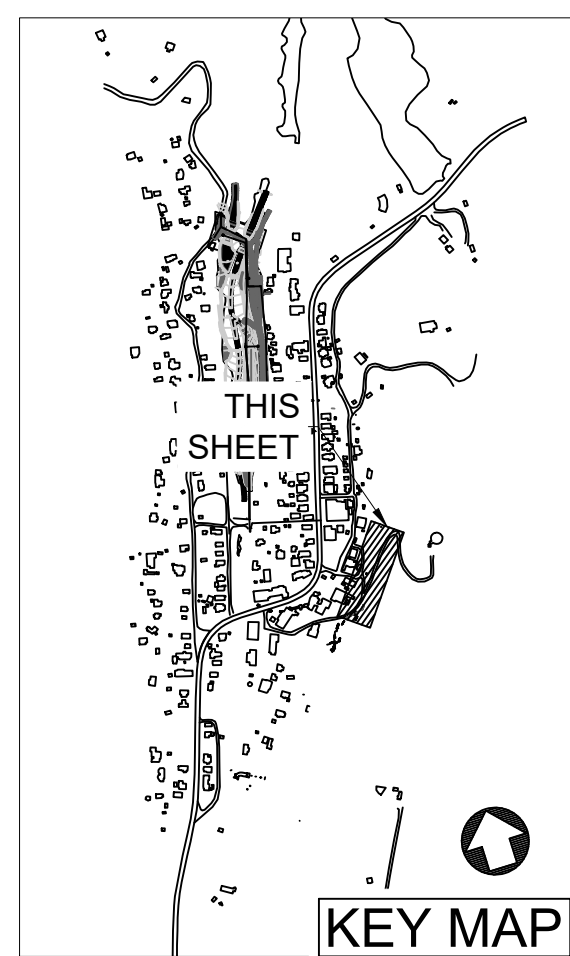
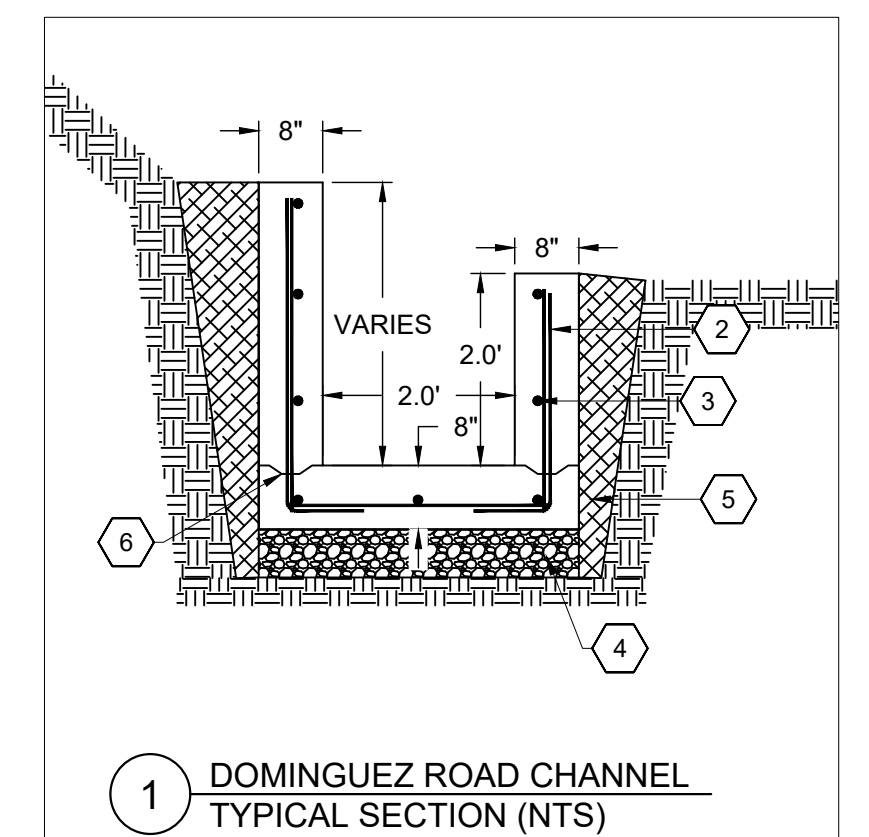
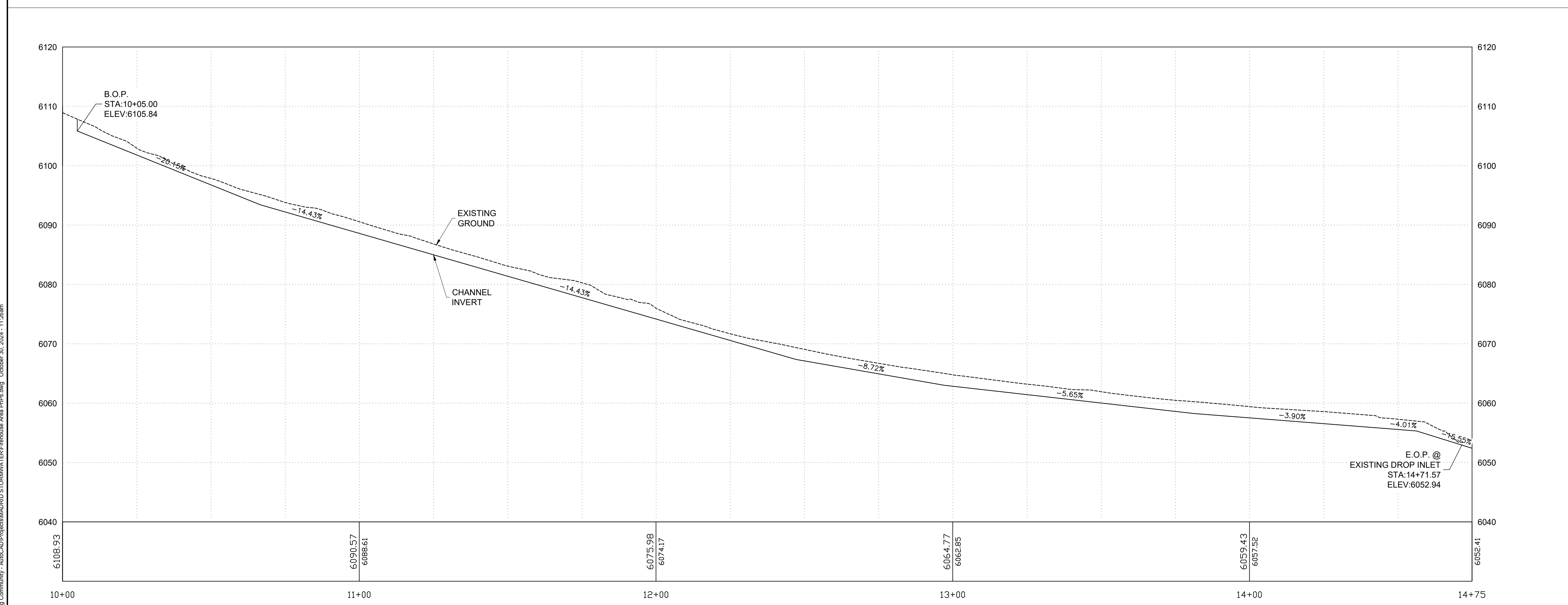
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KEYED NOTES

1. 2'x2' RECTANGULAR CONCRETE DITCH
2. #5 BARS 15" O.C.
3. #7 BARS 15" O.C.
4. PLACE ON 6" COMPACTED BASE COURSE
5. COMPACTED BACKFILL
6. COLD KEY JOINT 1/4" WIDE X 2" DEEP TOOLED OR SAWCUT JOINT. SEAL WITH NP-1 SEALANT

CONSTRUCTION NOTES



NO.	DATE	APPR.	REVISION	NO.	DATE	APPR.	REVISION
A	5/10/24		100% DRAFT- ISSUED FOR REVIEW				

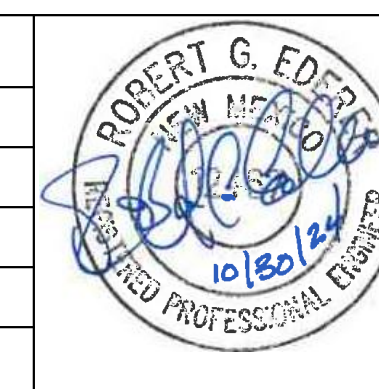
**VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT**

MADRID NEW MEXICO

WESTON SOLUTIONS

ALBUQUERQUE NEW MEXICO

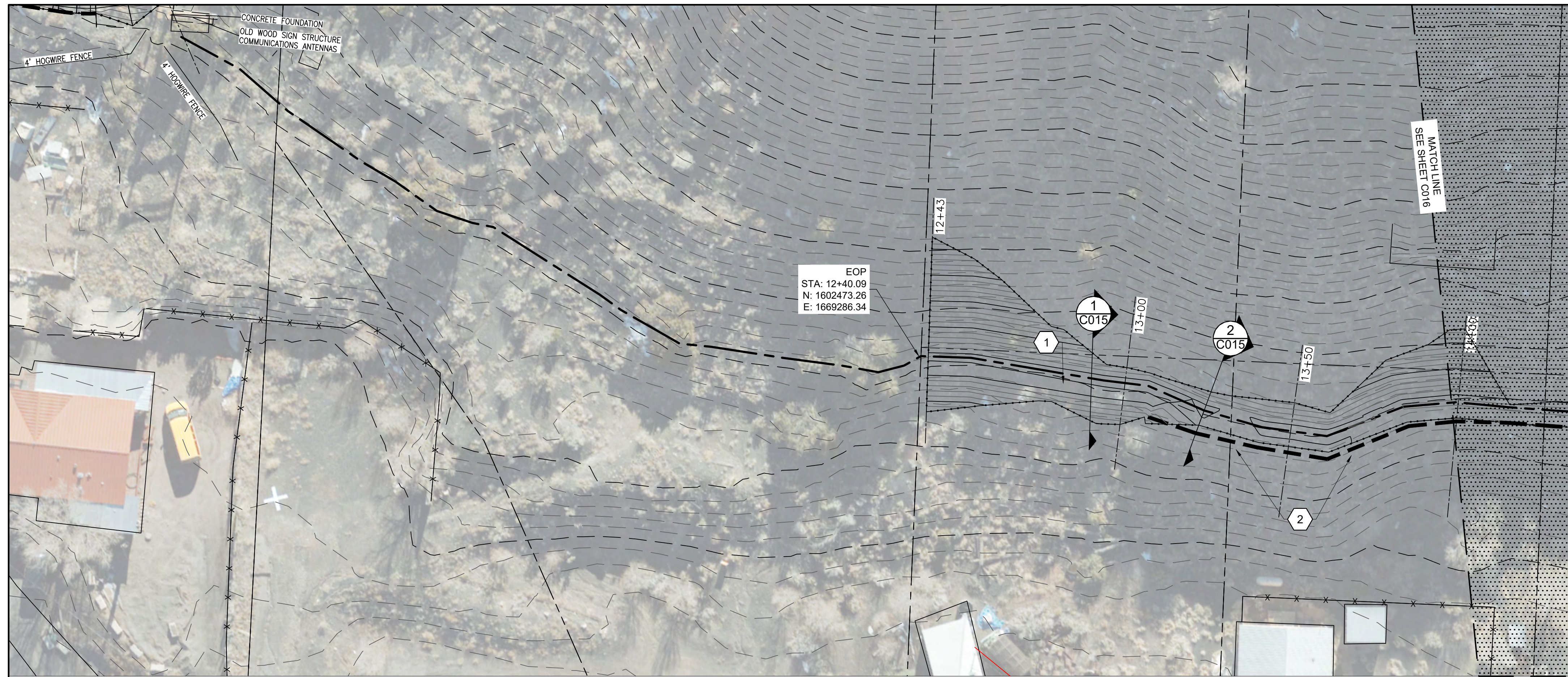
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DES. ENG.	SLJ	10/31/24	
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PROJ. MGR.	TDB	10/31/24	
APPROVED			
APPROVED			



**FIREHOUSE LANE AREA
DOMINGUEZ ROAD CHANNEL
PLAN AND PROFILE**

DRAWN	RW	DATE	---	DWG. NO.	C014	REV. NO.	B
SCALE		W.O. NO.	15740.001.003	SHT	32	OF	76

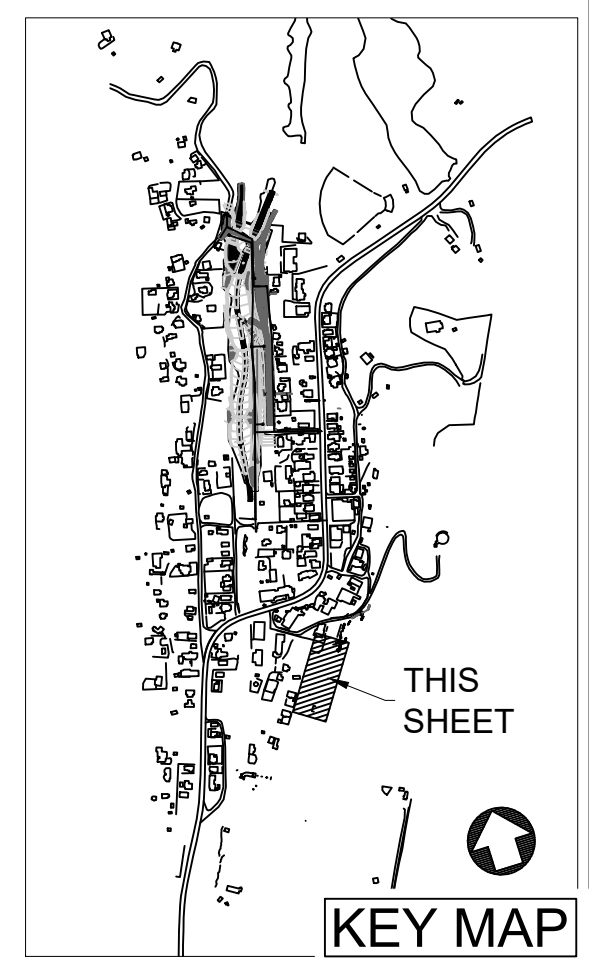
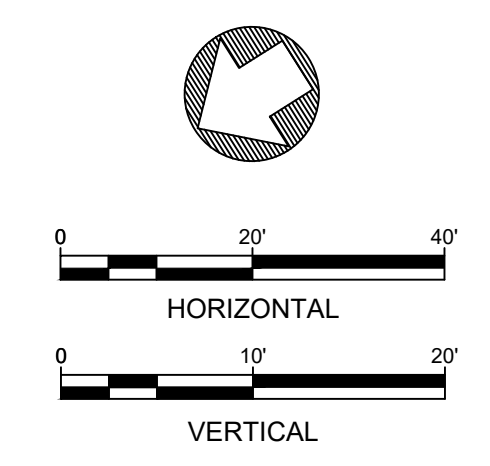
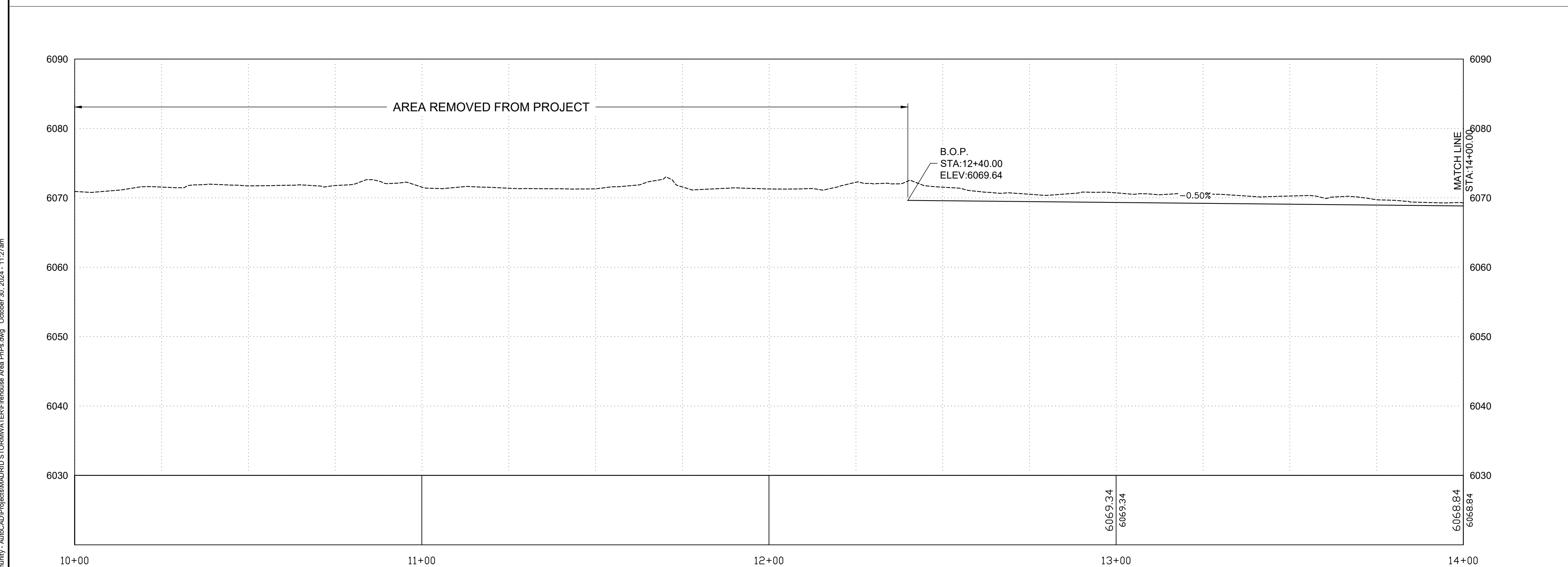
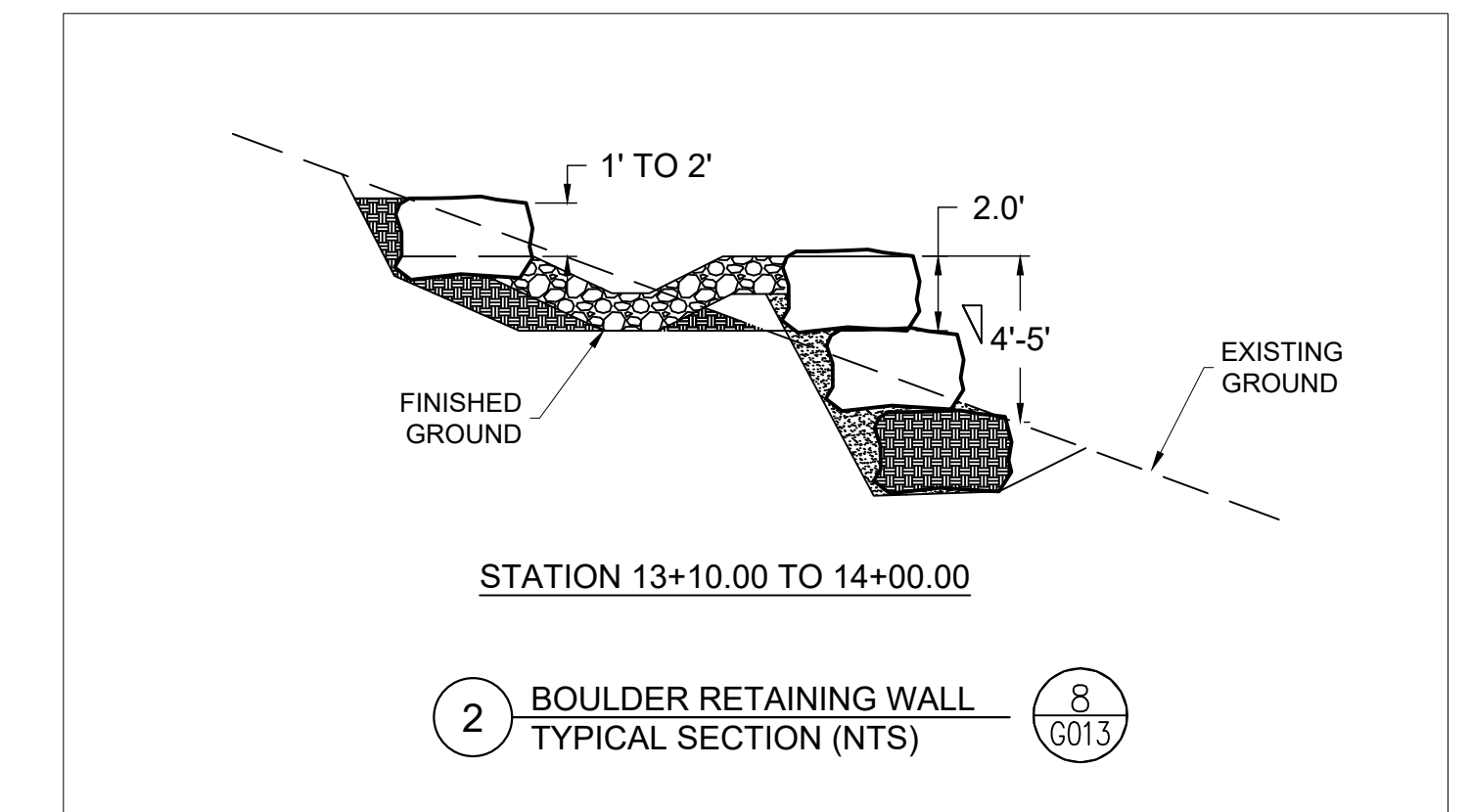
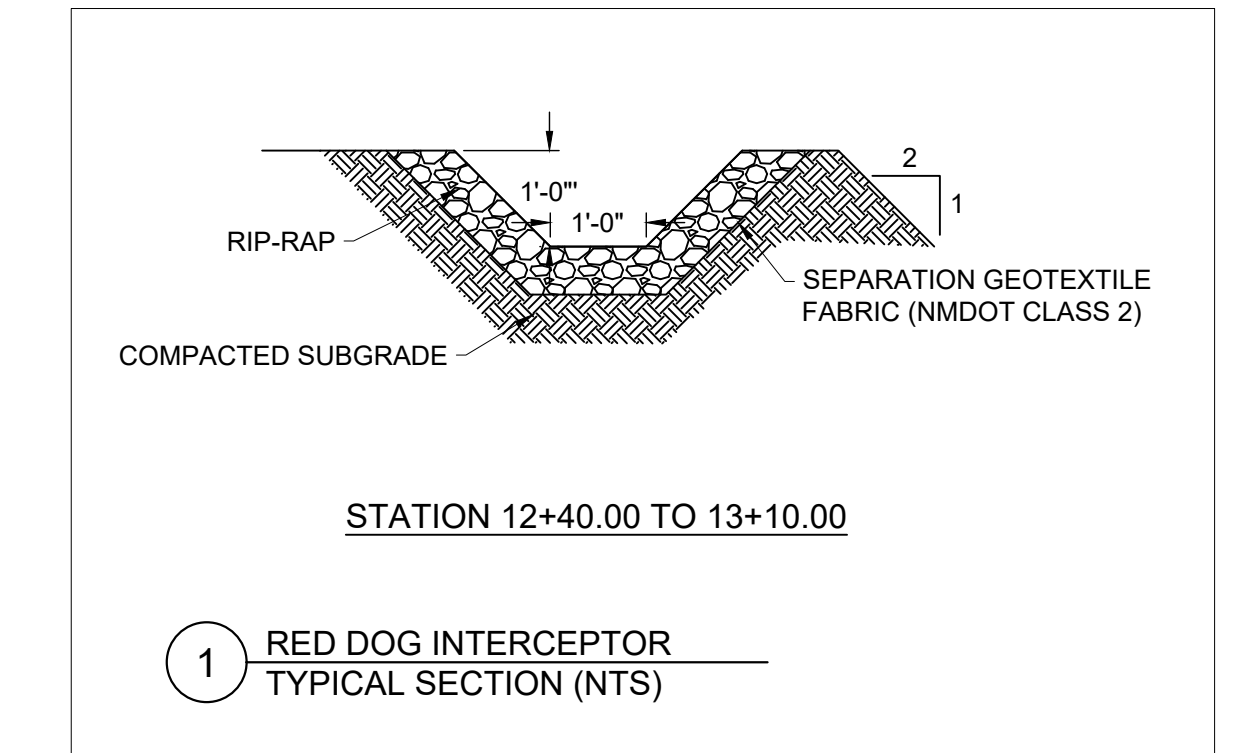
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KEYED NOTES

1. TRAPEZOIDAL CHANNEL 1 FT DEEP, 1 FT WIDE, 2:1 SIDE SLOPES.
2. BOULDER RETAINING WALL.

CONSTRUCTION NOTES



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NO.	DATE	APPR	REVISION	NO.	DATE	APPR	REVISION		

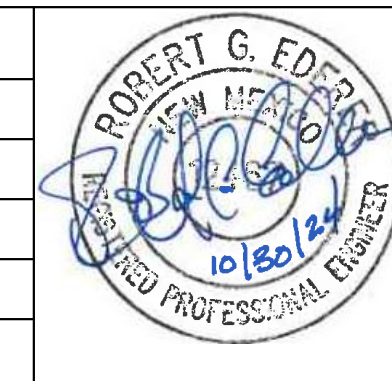
**VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT**

MADRID NEW MEXICO

WESTON SOLUTIONS

ALBUQUERQUE NEW MEXICO

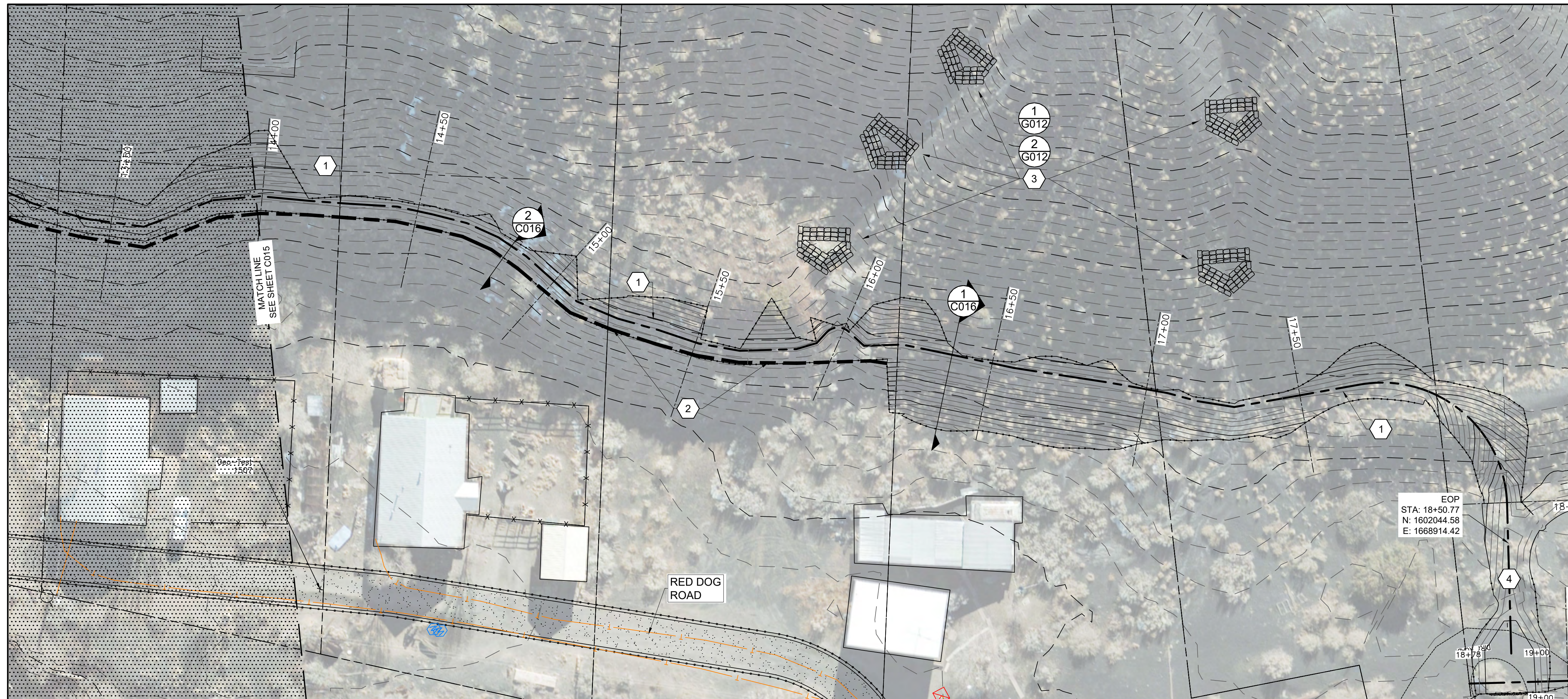
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APPROVED					
APPROVED					



**FIREHOUSE LANE AREA
RED DOG ROAD INTERCEPTOR
PLAN AND PROFILE (1 OF 2)**

DRAWN	RW	DATE	---	DWG. NO.	C015	REV. NO.	B
SCALE		W.O. NO.					
		15740.001.003		SHT	33	OF	76

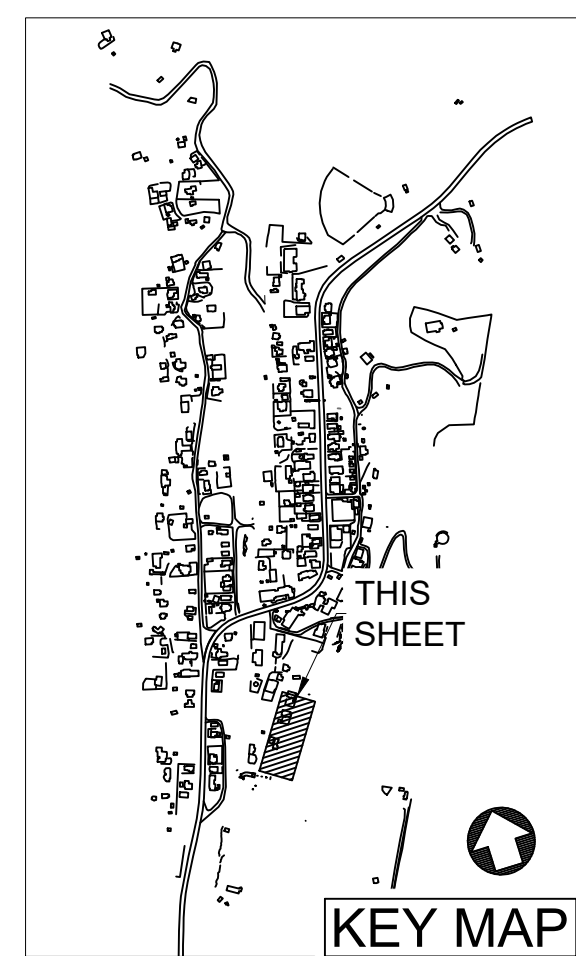
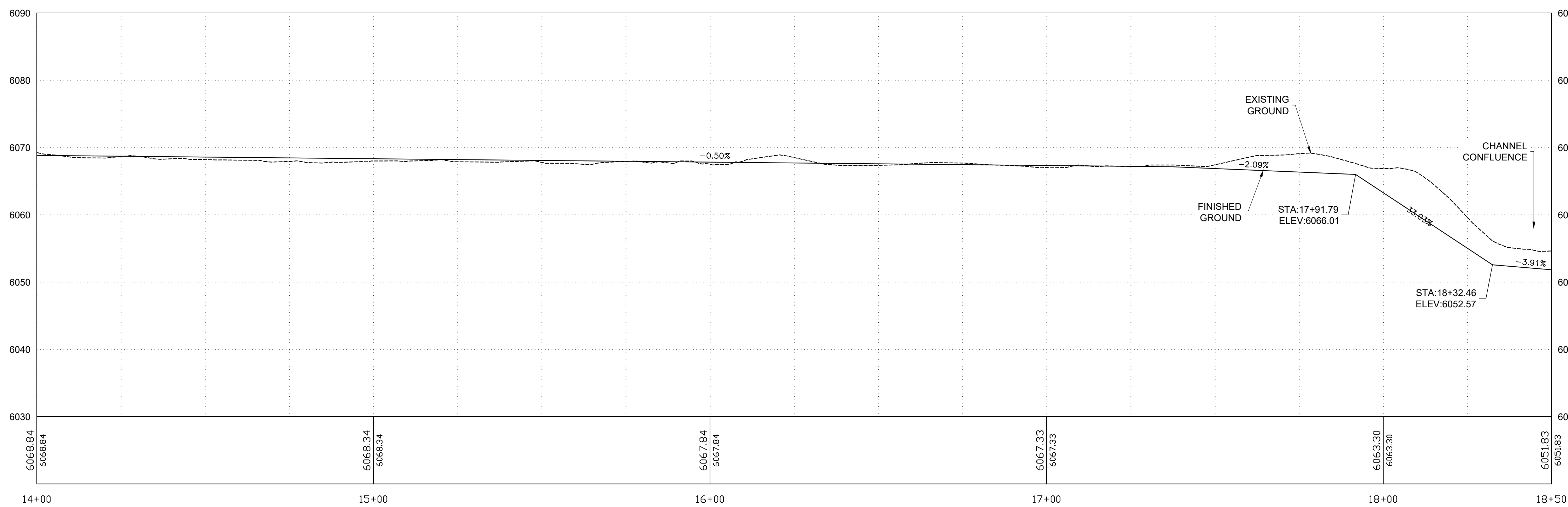
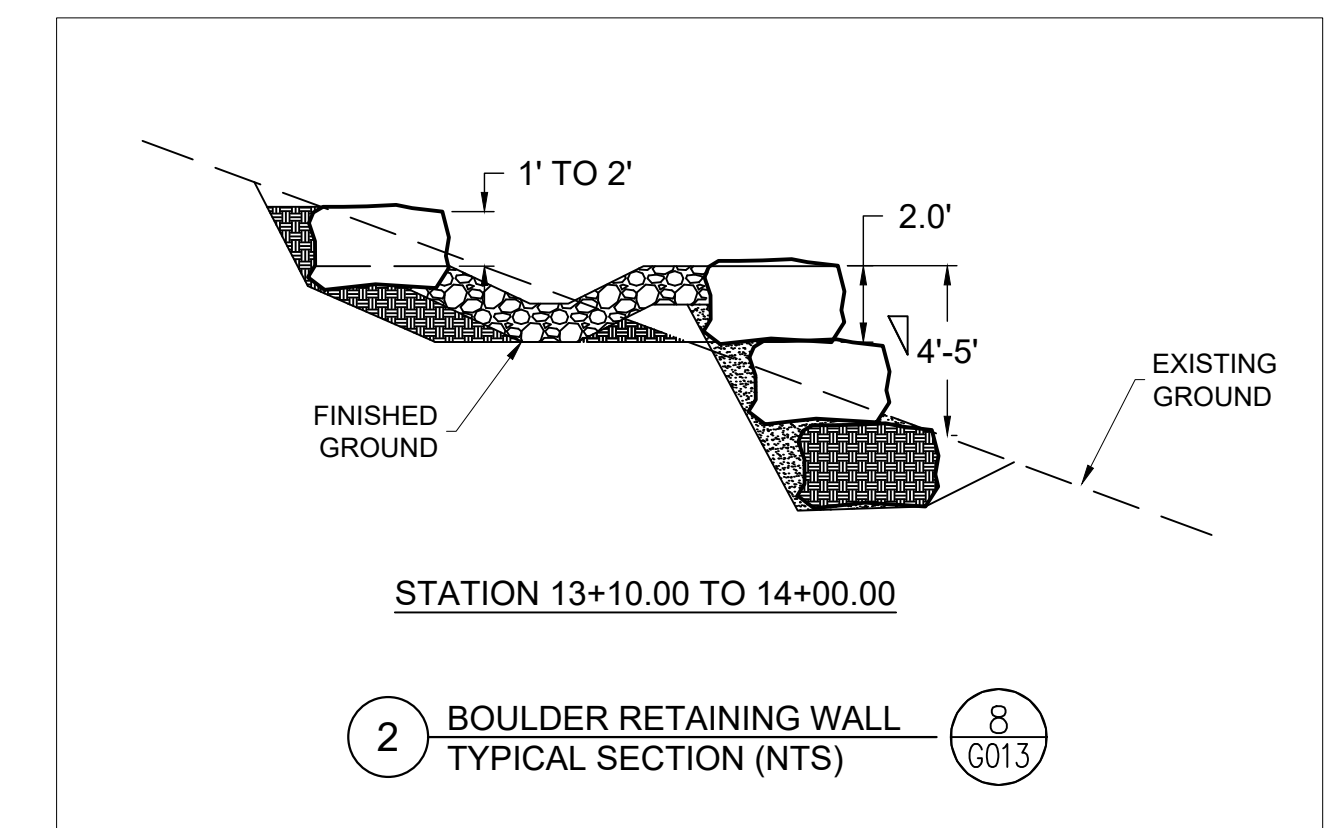
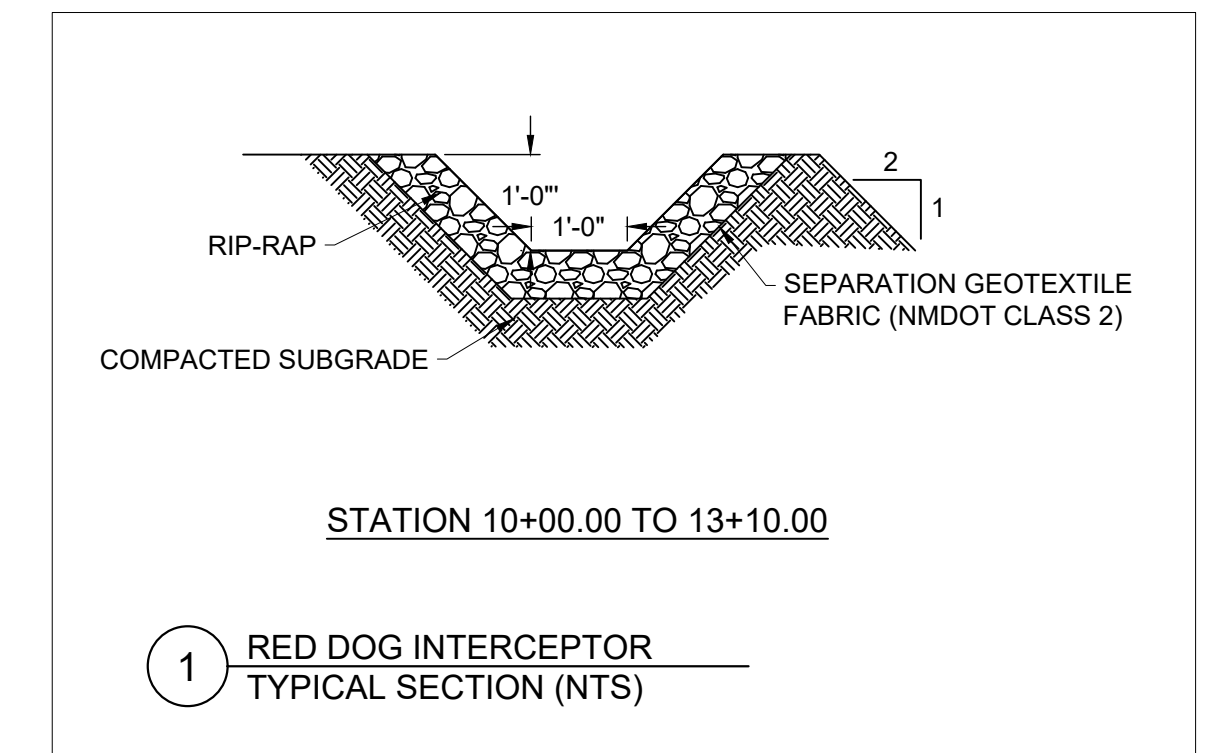
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KEYED NOTES

1. TRAPEZOIDAL CHANNEL 1 FT DEEP, 1 FT WIDE, 2:1 SIDE SLOPES.
2. BOULDER RETAINING WALL.
3. PLUNGE POOL.
4. CONFLUENCE CHANNEL.

CONSTRUCTION NOTES



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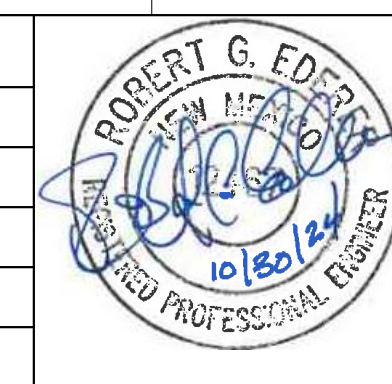
**VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT**

MADRID NEW MEXICO

WESTON SOLUTIONS

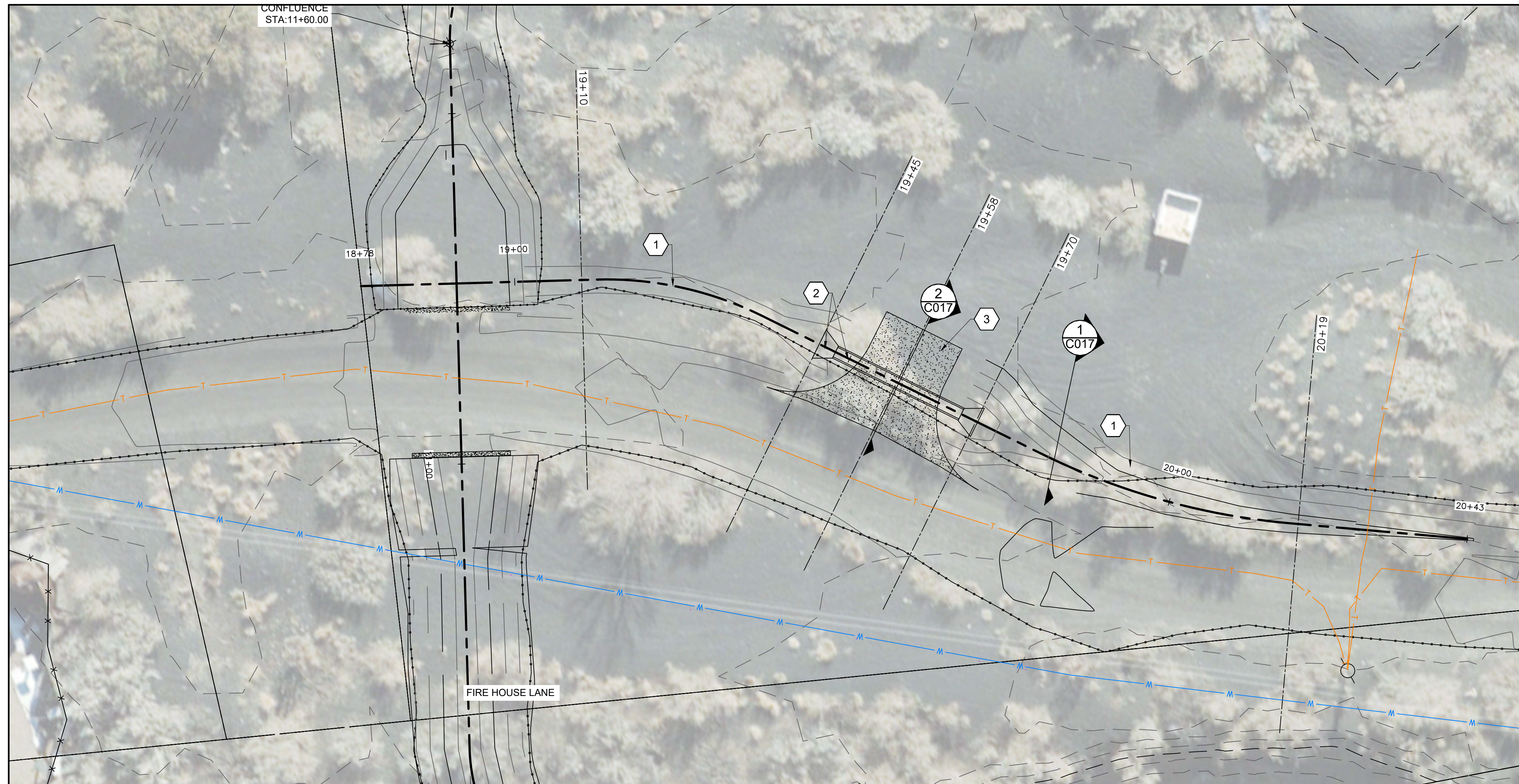
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PROJ. ENG.	RGE	10/31/24	
PROJ. MGR.	TDB	10/31/24	
APPROVED			
APPROVED			



**FIREHOUSE LANE AREA
RED DOG ROAD INTERCEPTOR
PLAN AND PROFILE (2 OF 2)**

DRAWN	RW	DATE	---	DWG. NO.	C016	REV. NO.	B
SCALE		W.O. NO.		15740.001.003	SHT	34	OF 76

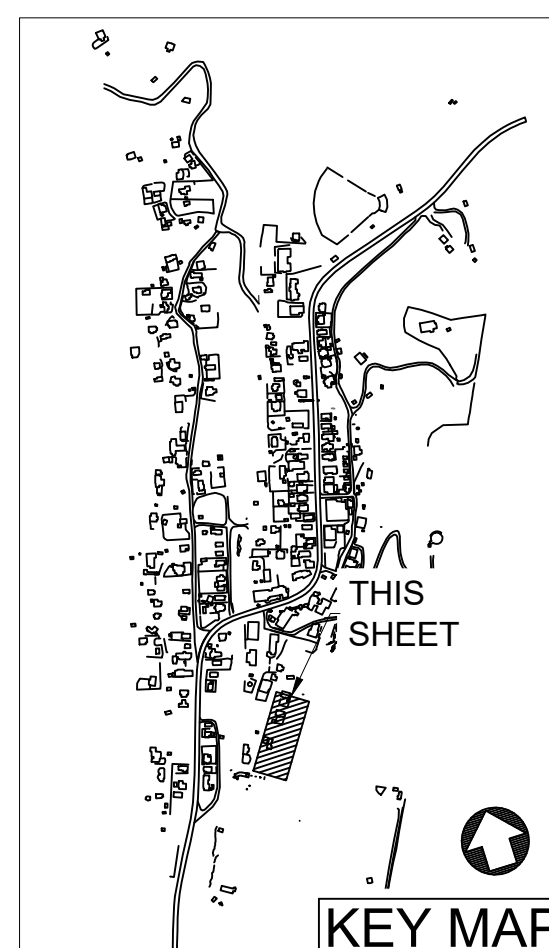
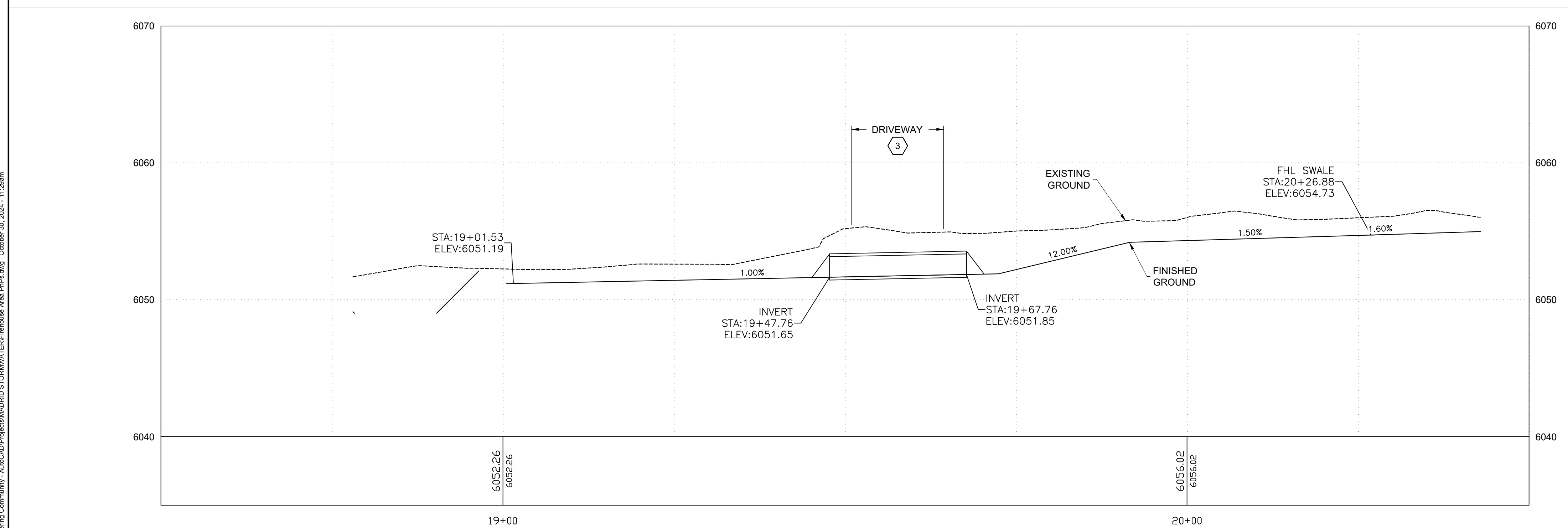
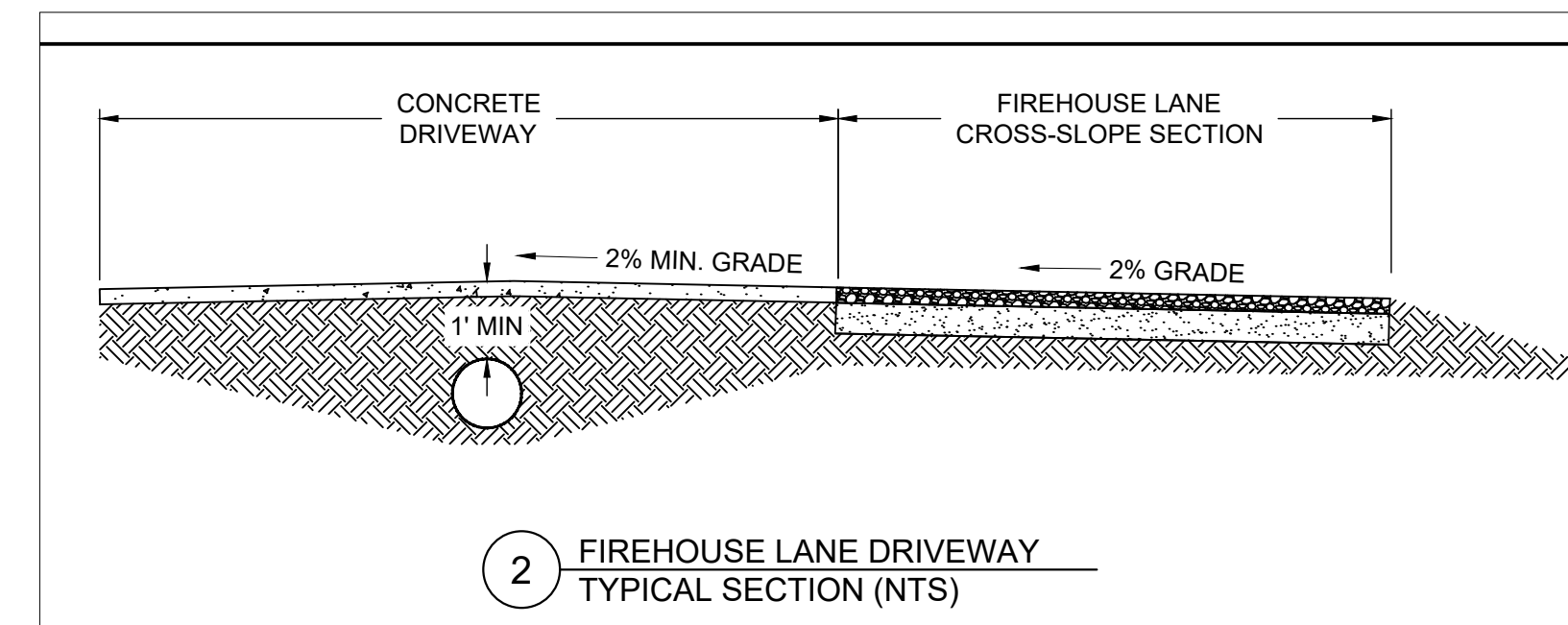
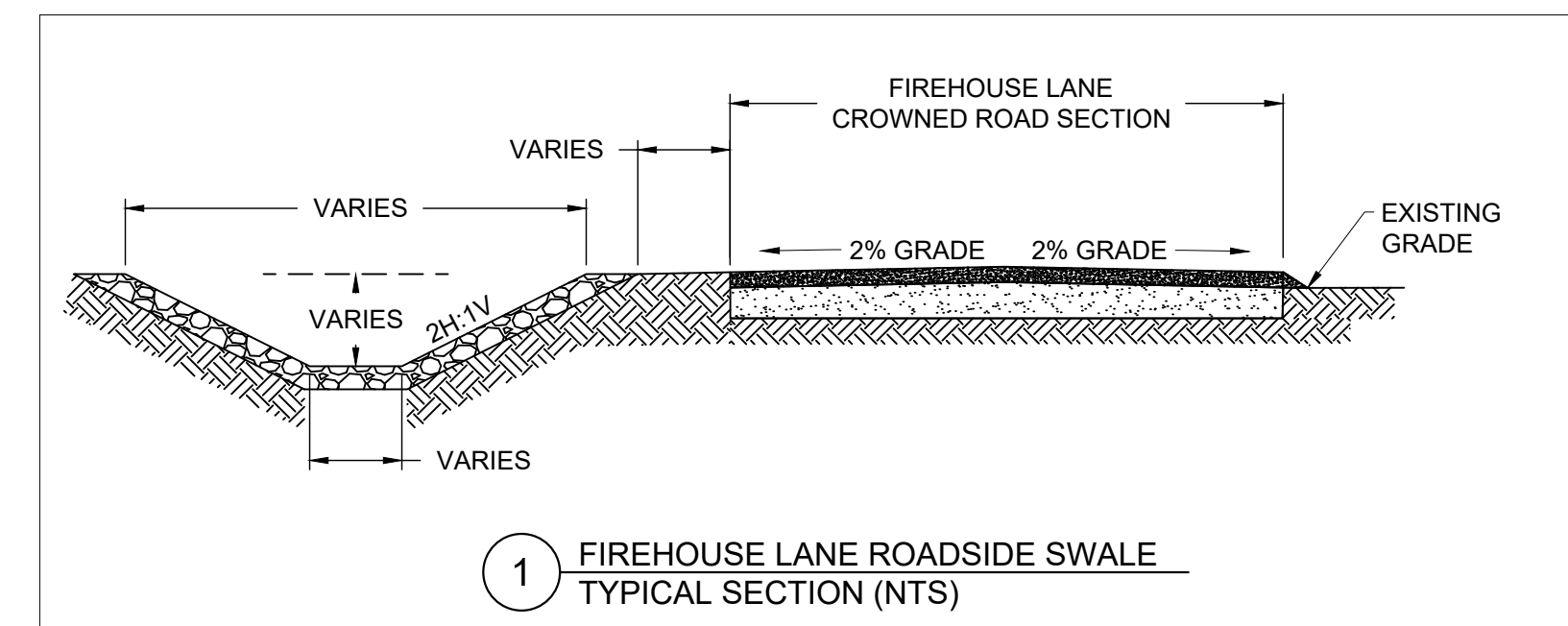


KEYED NOTES

1. TRAPEZOIDAL ROADSIDE SWALE. 2:1 SIDE SLOPES, WIDTH & DEPTH VARY. SEE TYPICAL SECTION 1 ON THIS SHEET AND CROSS-SECTIONS SHEET C115.
2. 18" CMP CULVERT WITH STANDARD METAL END SECTIONS PER NMDOT STANDARD DRAWING 570-02-1/2. SEE TYPICAL SECTION 2 ON THIS SHEET.
3. 12' CONCRETE DRIVE PAD. SEE TYPICAL SECTION 2 ON THIS SHEET.

CONSTRUCTION NOTES

- A. SEE CROSS-SECTIONS ON SHEET C115.



NO.	DATE	APPR.	REVISION	NO.	DATE	APPR.	REVISION
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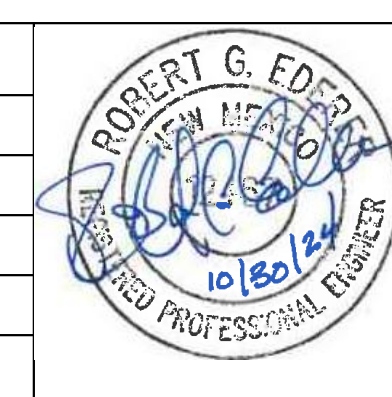
VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT

MADRID NEW MEXICO

WESTON SOLUTIONS

ALBUQUERQUE NEW MEXICO

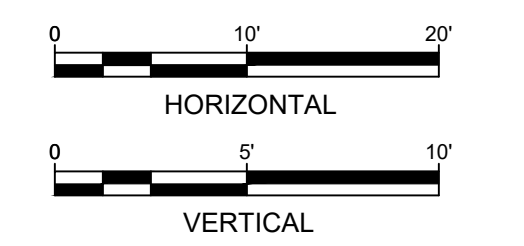
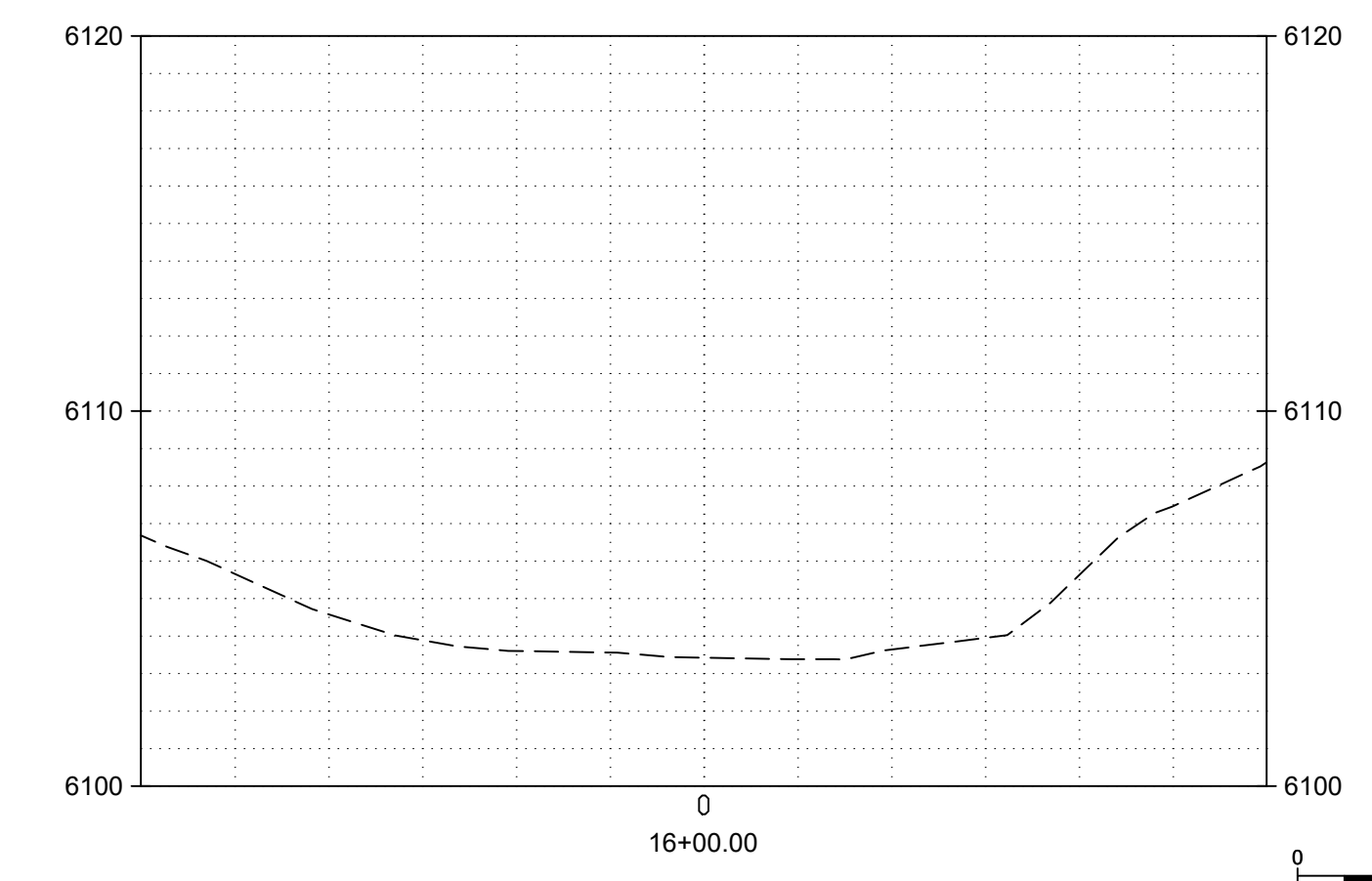
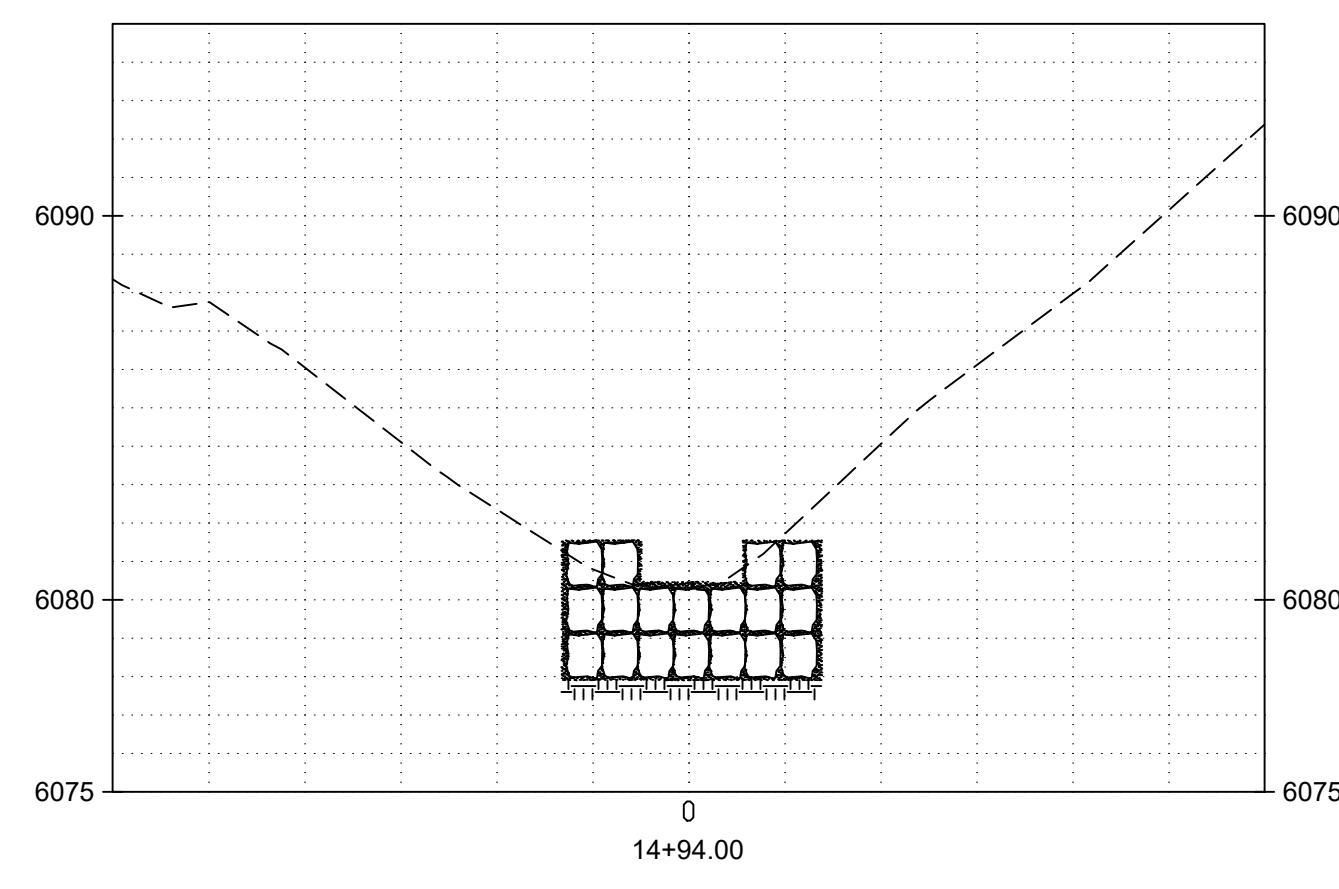
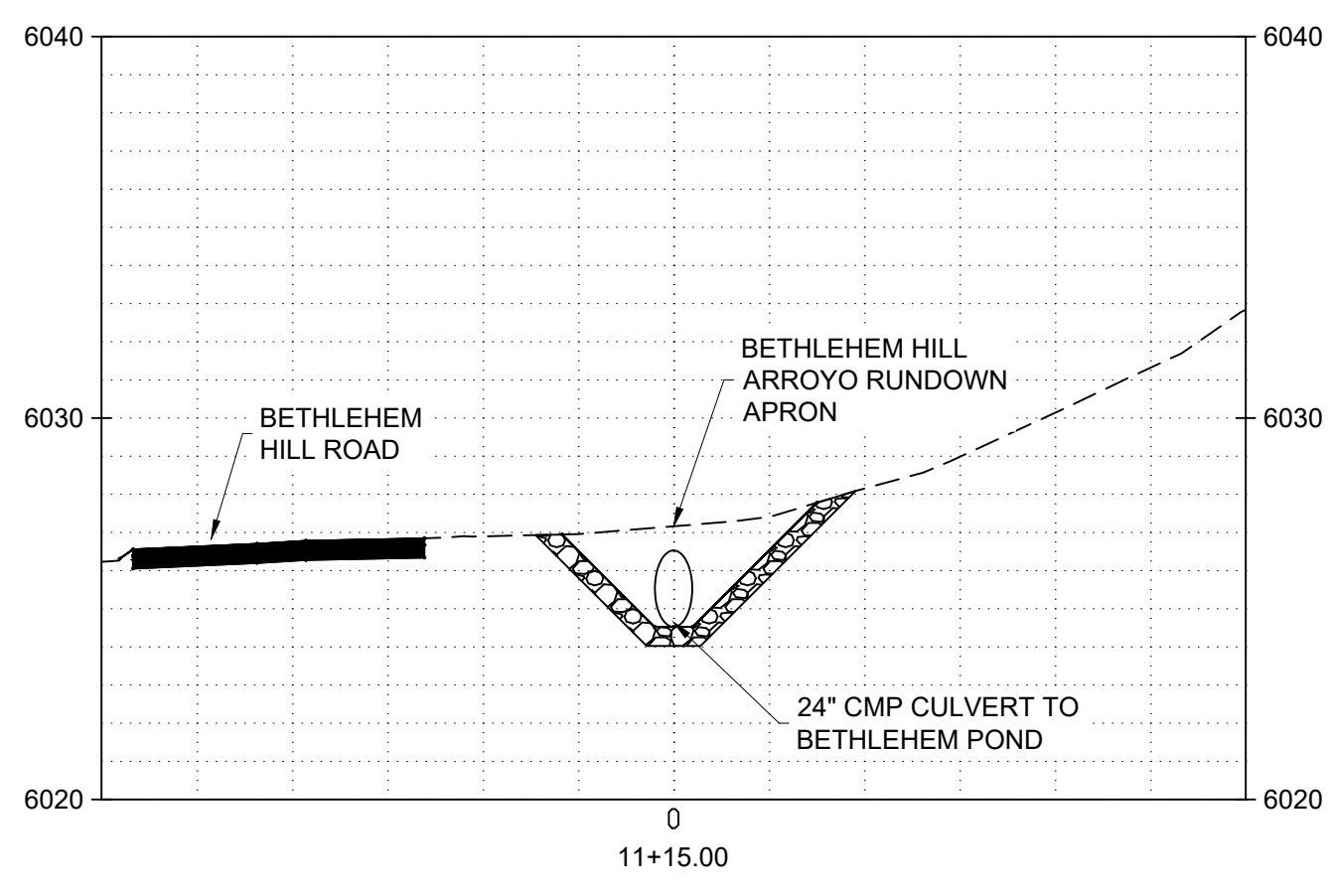
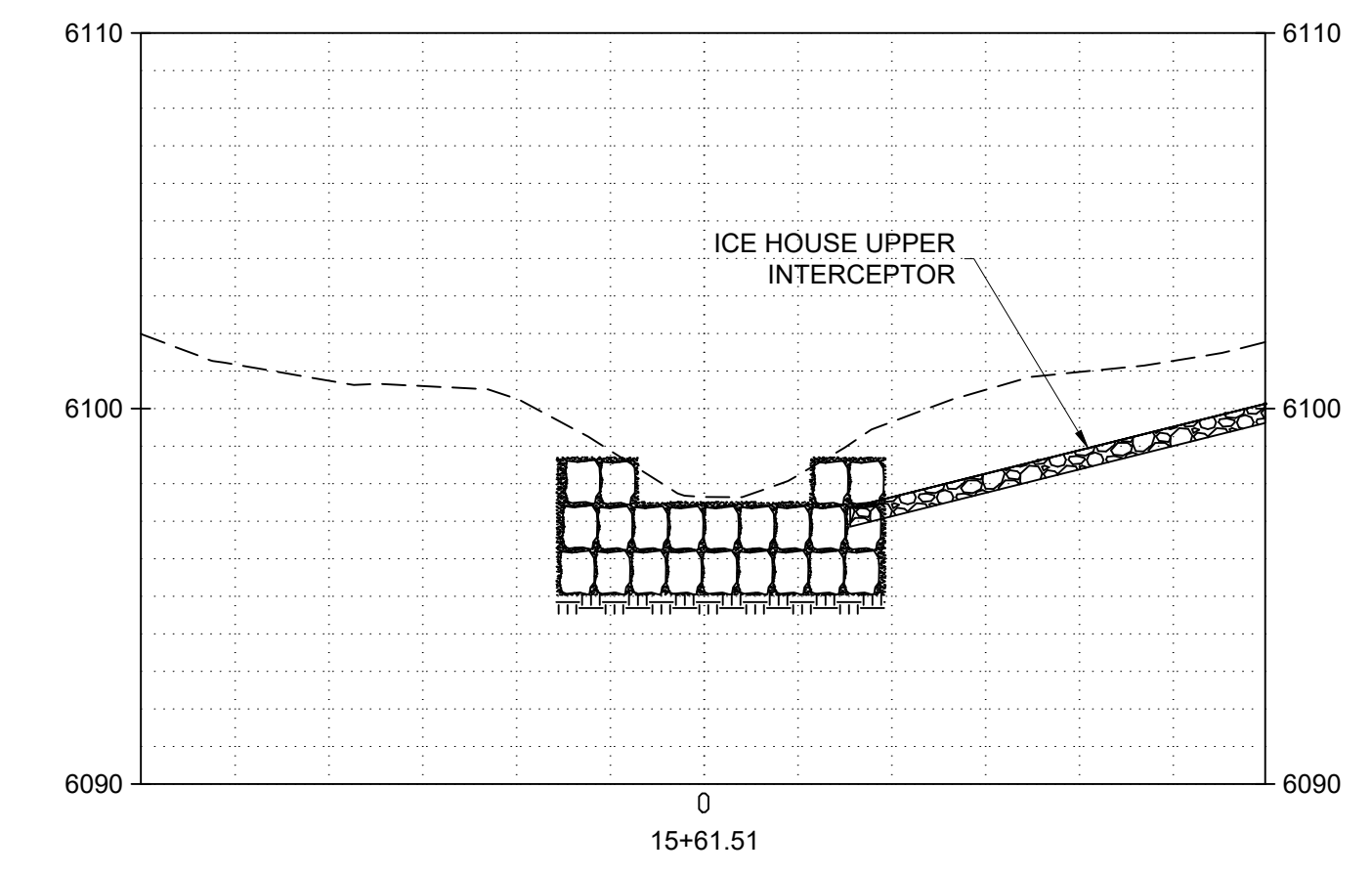
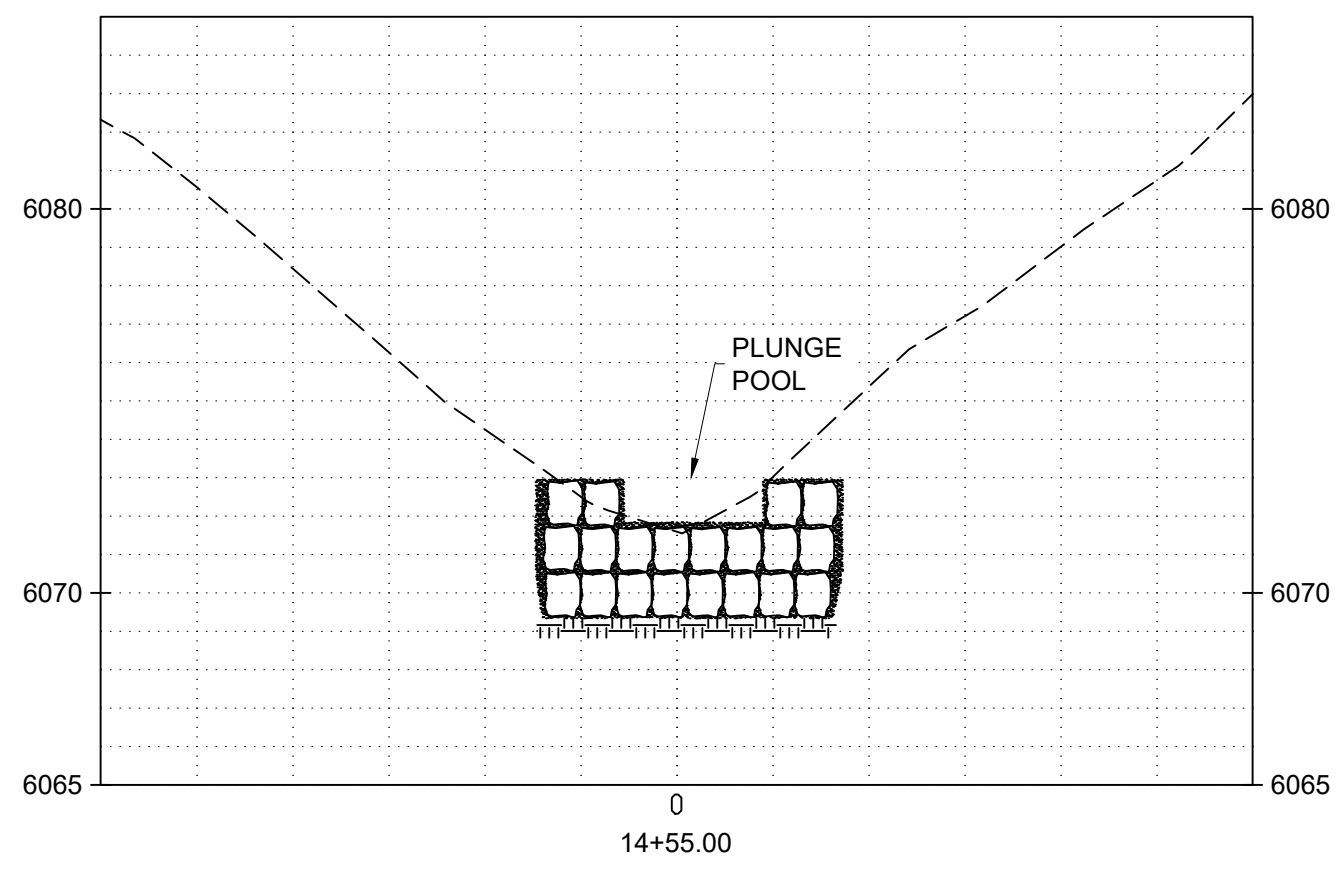
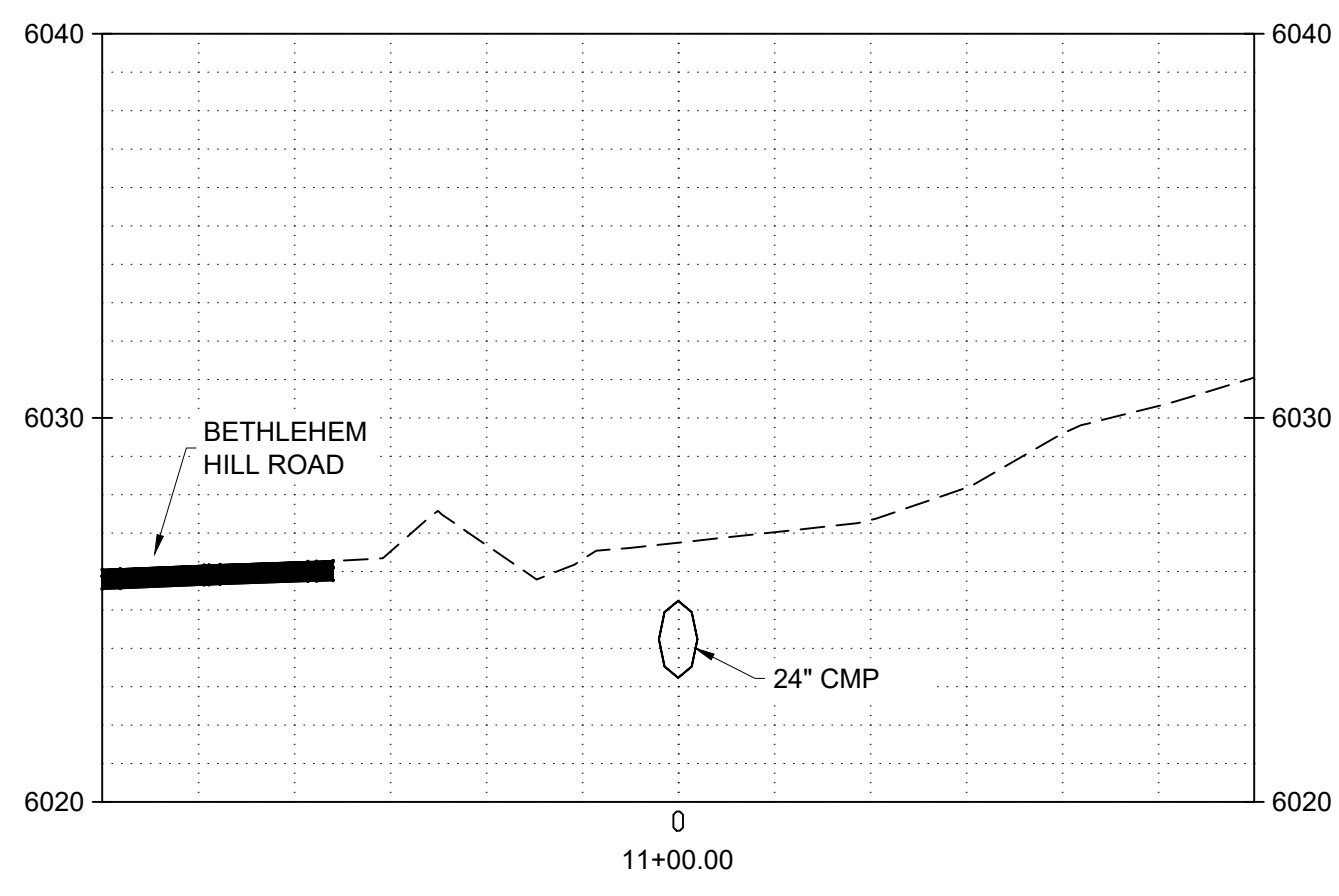
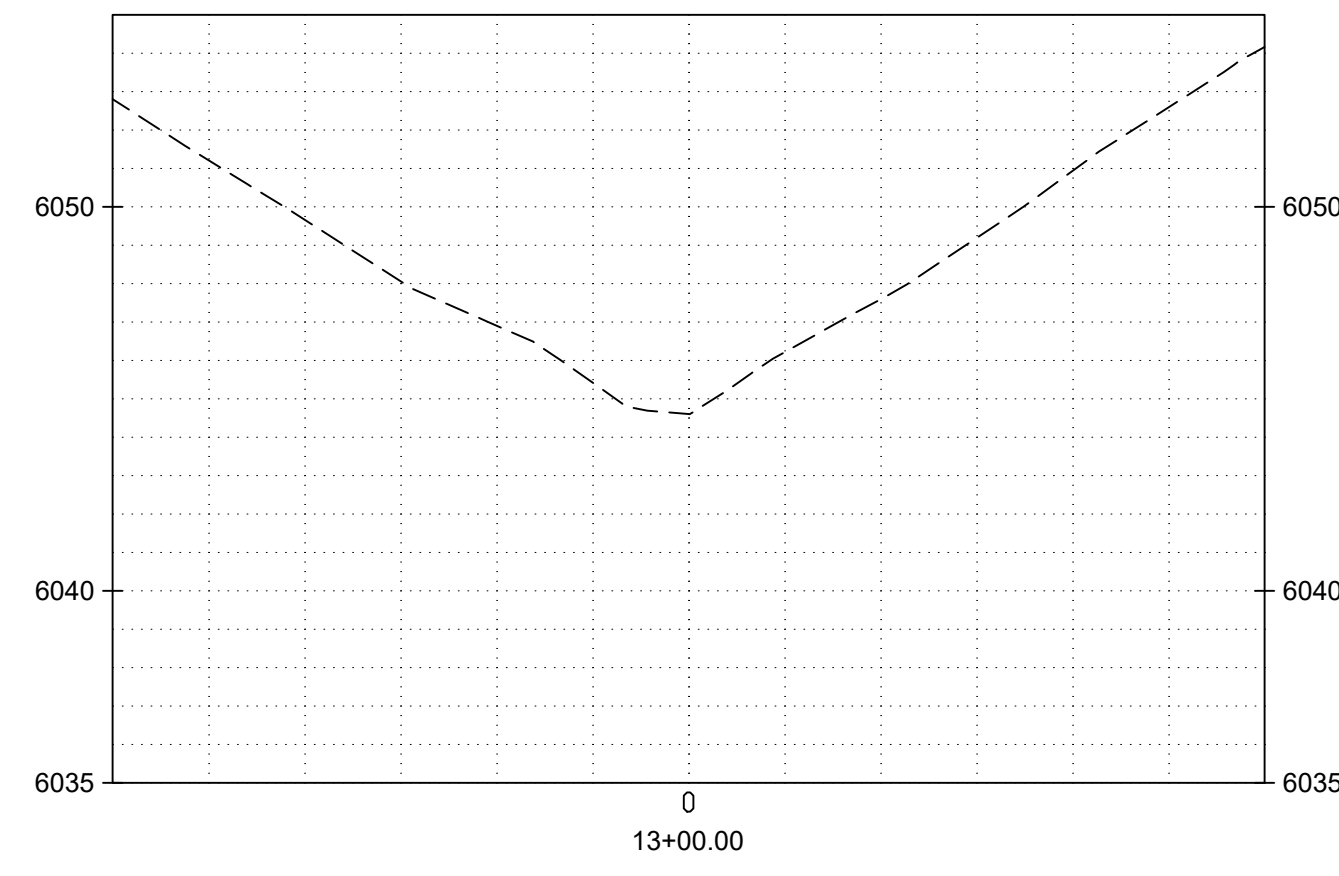
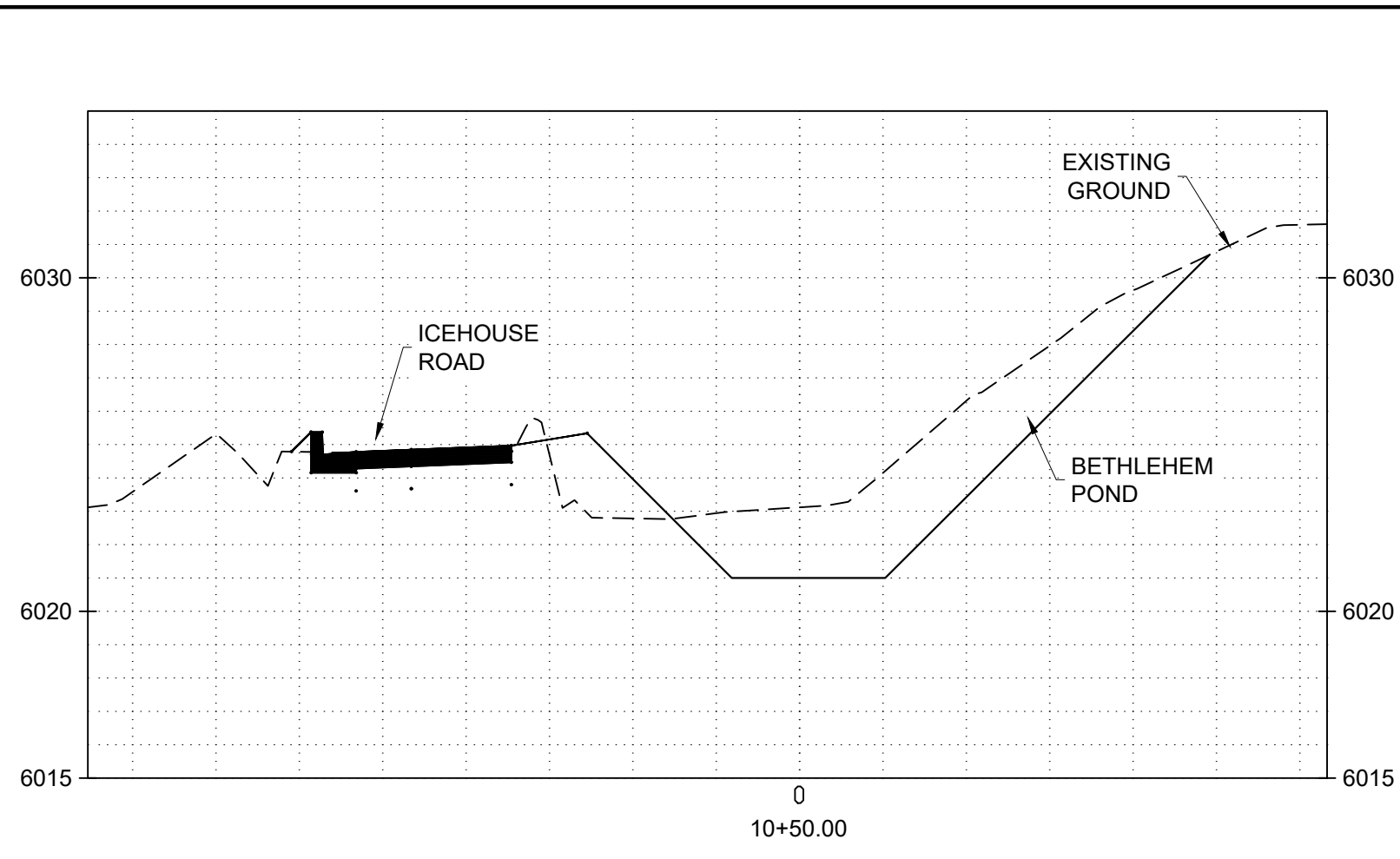
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DES. ENG.	SLJ	10/31/24	
PROJ. ENG.	RGE	10/31/24	
PROJ. MGR.	TDB	10/31/24	
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APPROVED			



FIREHOUSE LANE AREA
FIREHOUSE DRIVEWAY CROSSING
PLAN AND PROFILE

DRAWN	RW	DATE	---	DWG. NO.	C017	REV. NO.	B
SCALE		W.O. NO.					
			15740.001.003	SHT	34	OF	76

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VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT

MADRID NEW MEXICO

WESTON SOLUTIONS

ALBUQUERQUE NEW MEXICO

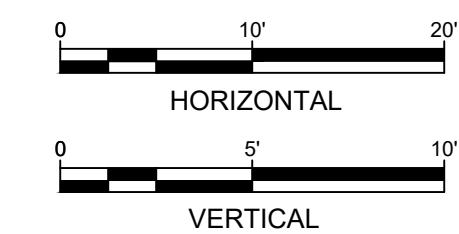
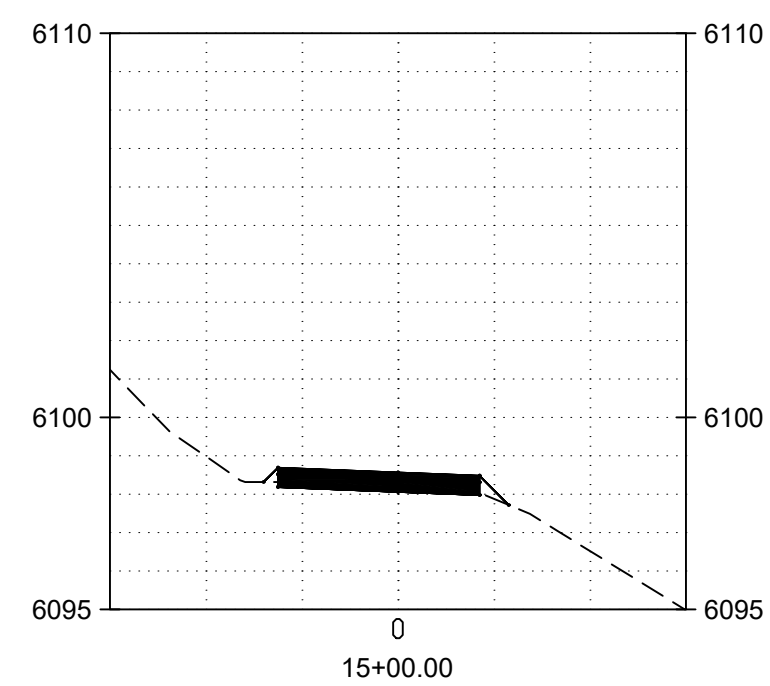
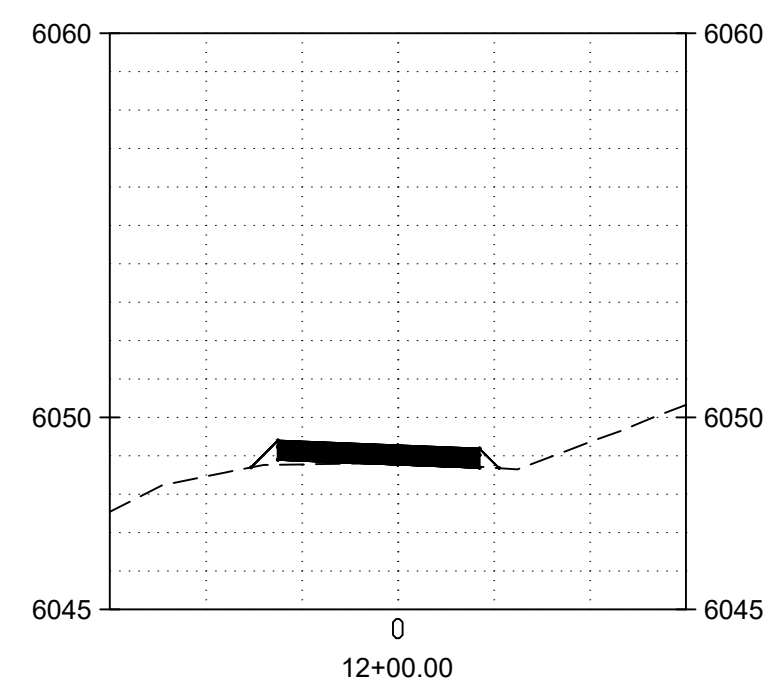
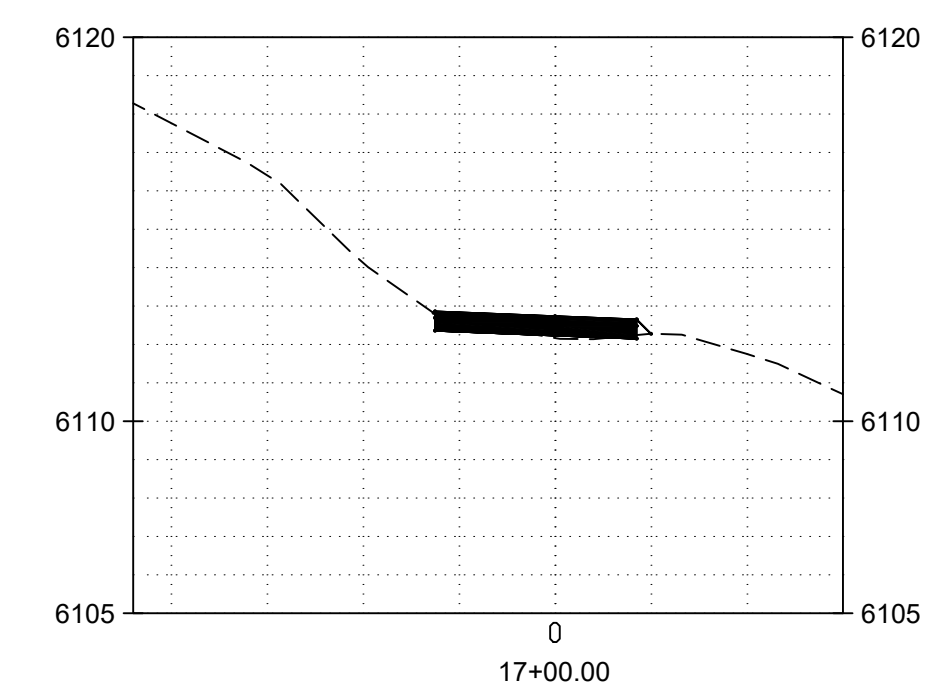
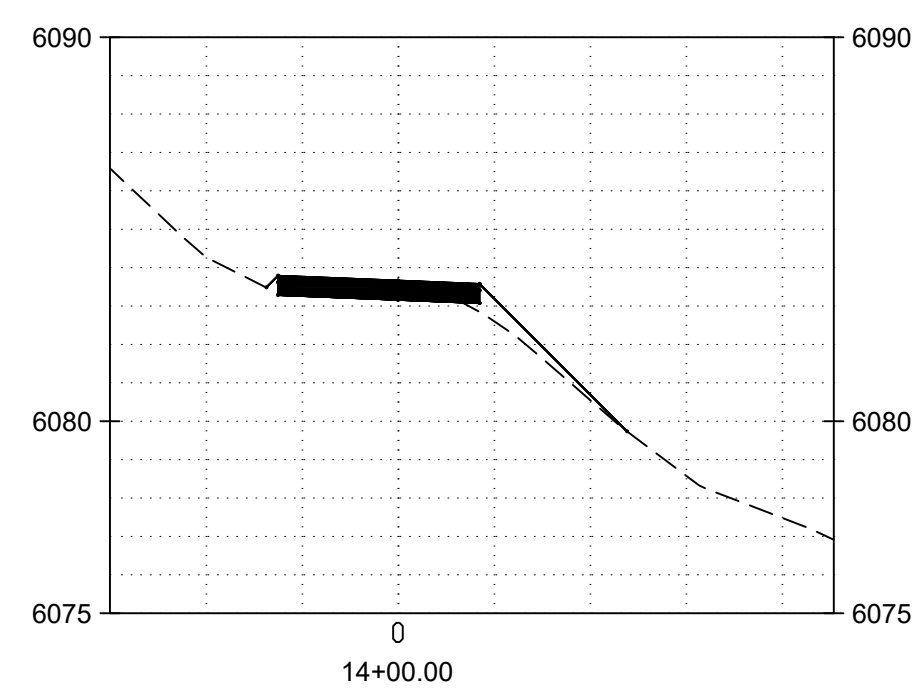
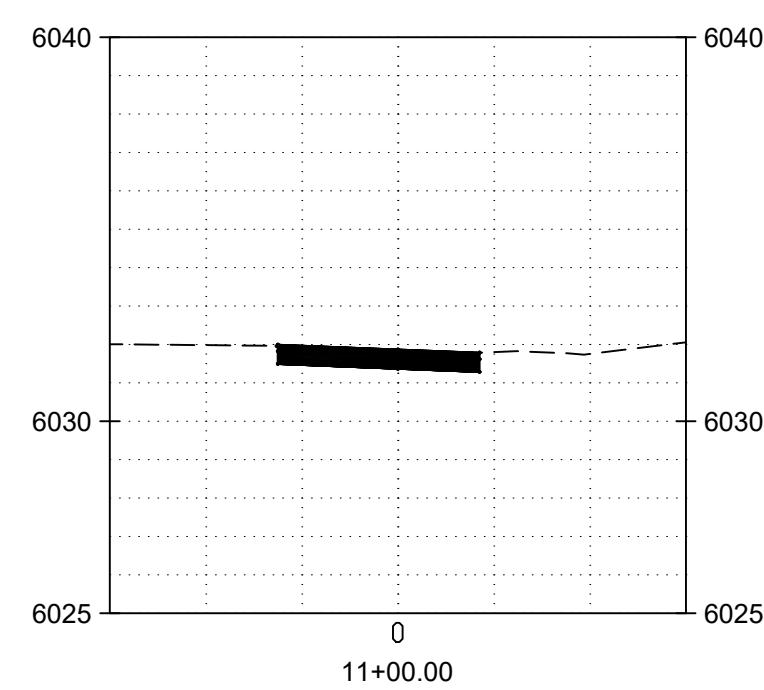
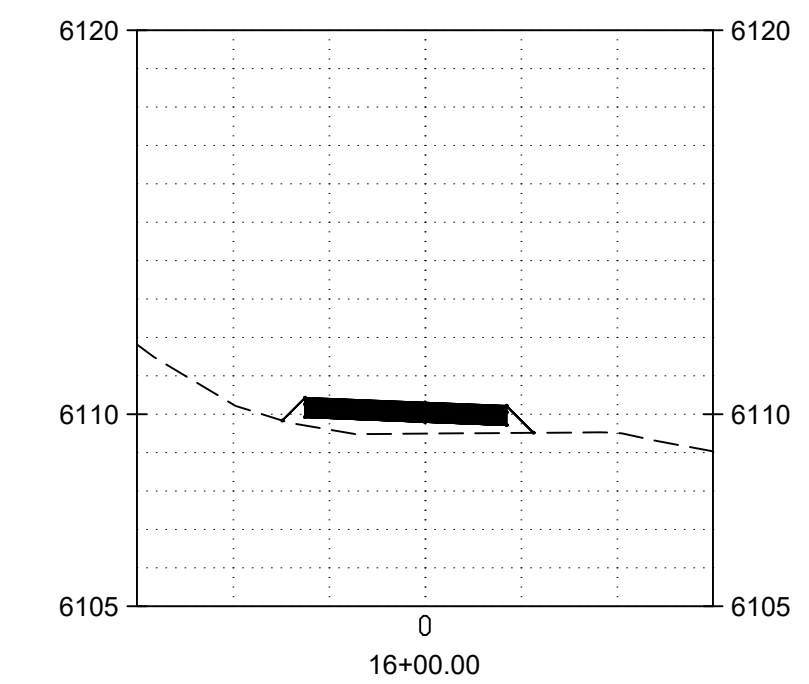
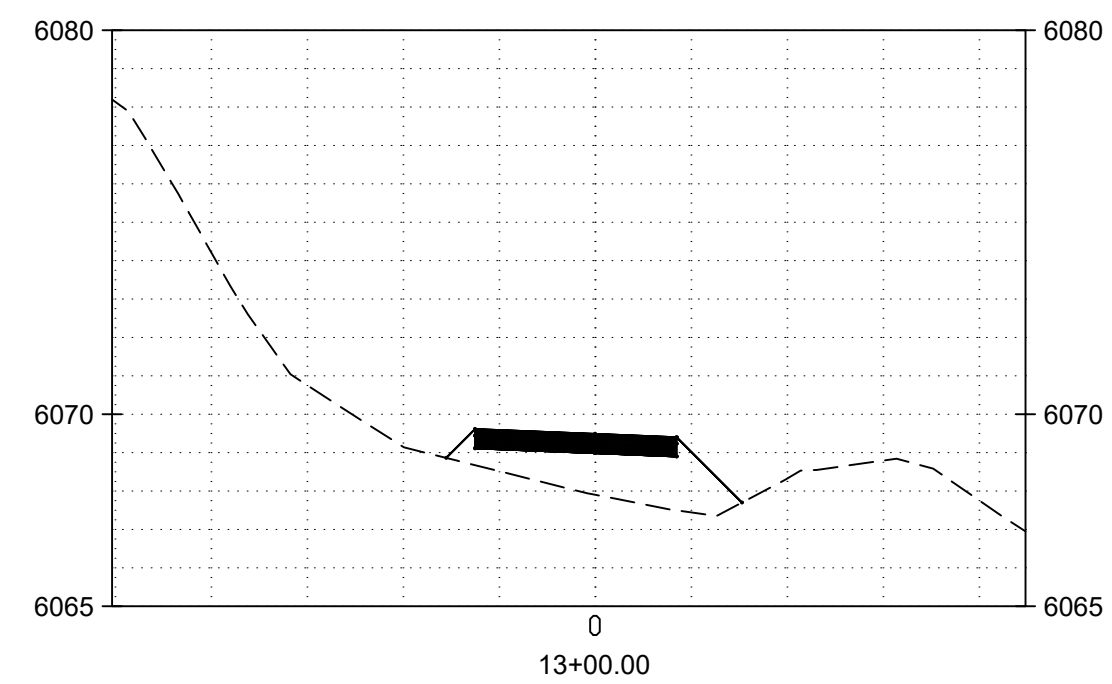
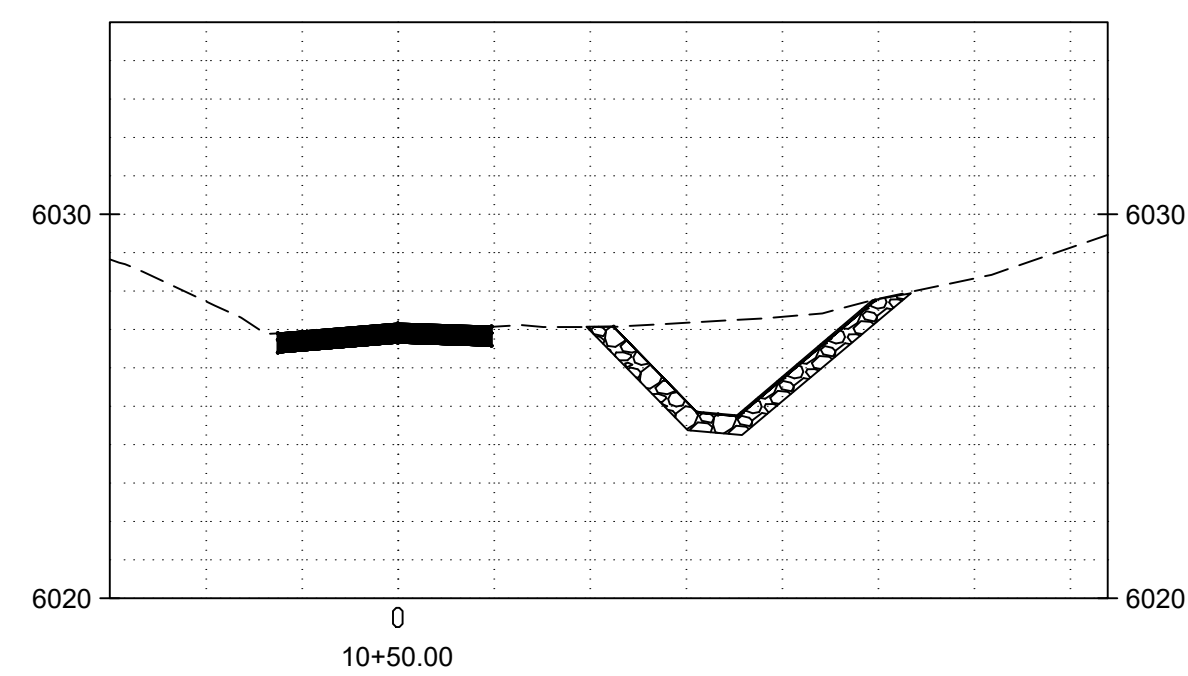
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PROJ. MGR.	TDB	DATE	10/31/24		
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APPROVED					



ICE HOUSE ROAD
BETHLEHEM HILL ARROYO
CROSS SECTIONS

DRAWN	RW	DATE	---	DWG. NO.	C101	REV. NO.	B
SCALE		W.O. NO.	15740.001.003	SHT.	35	OF	76

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NO.	DATE	APPR	REVISION	NO.	DATE	APPR	REVISION
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VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT

MADRID NEW MEXICO

WESTON SOLUTIONS

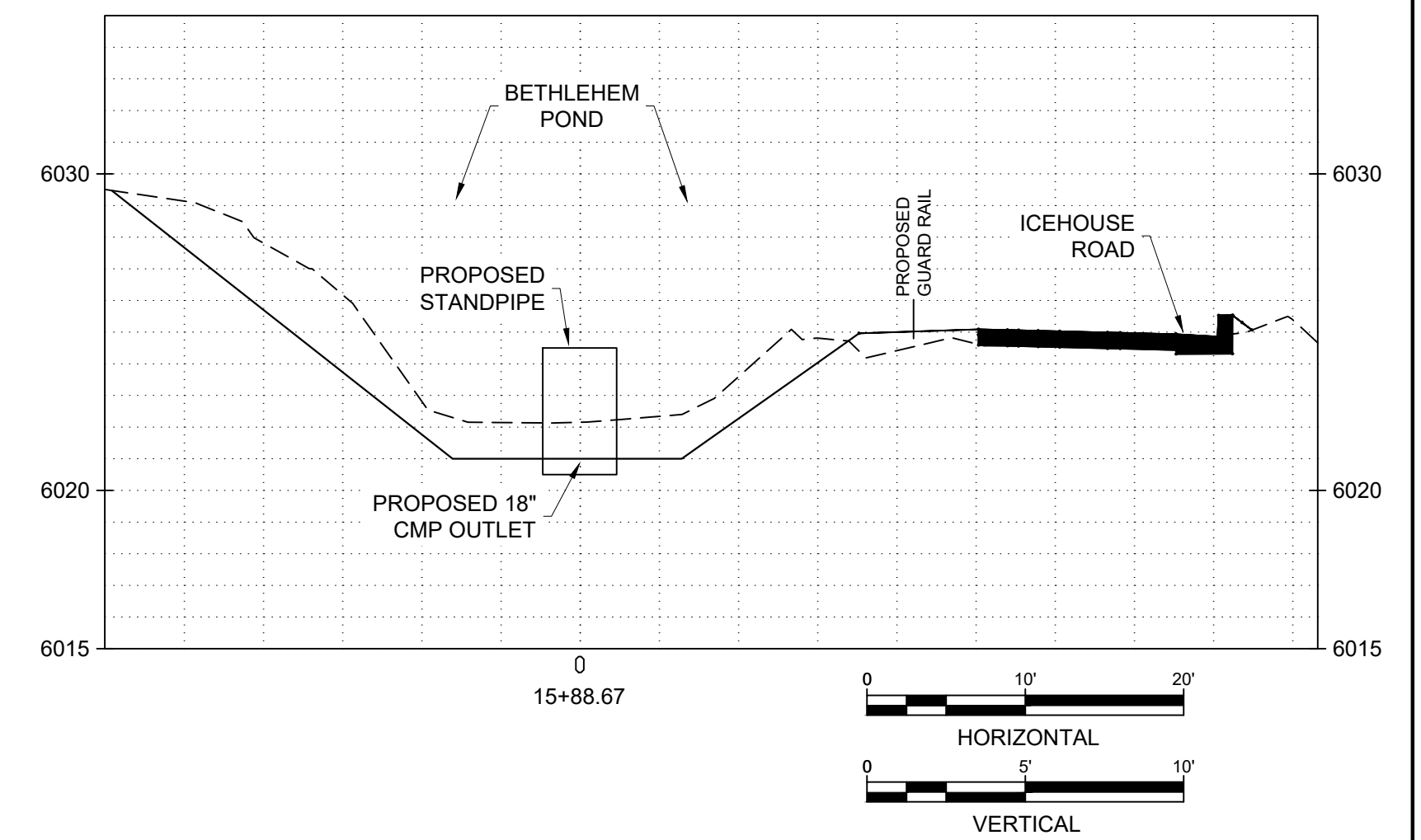
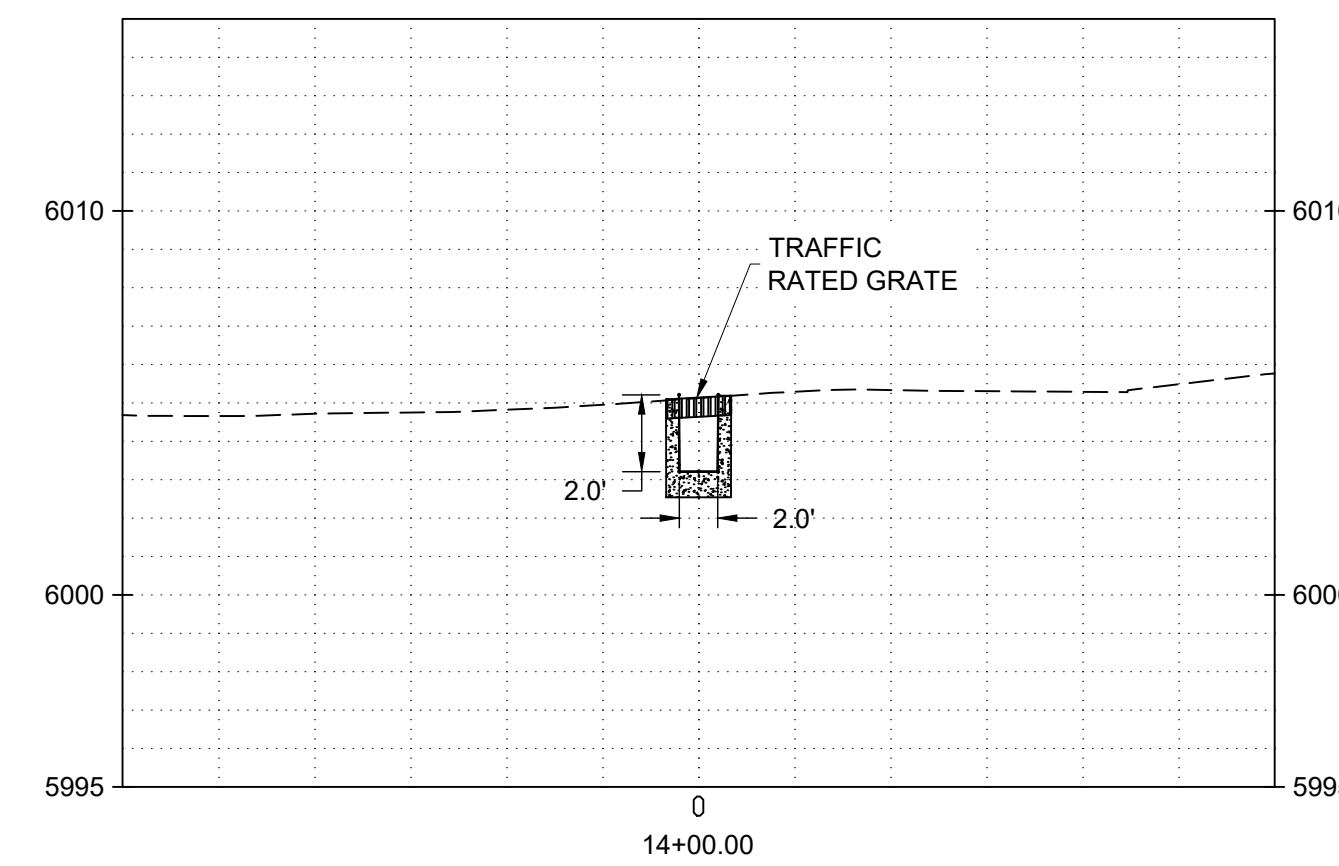
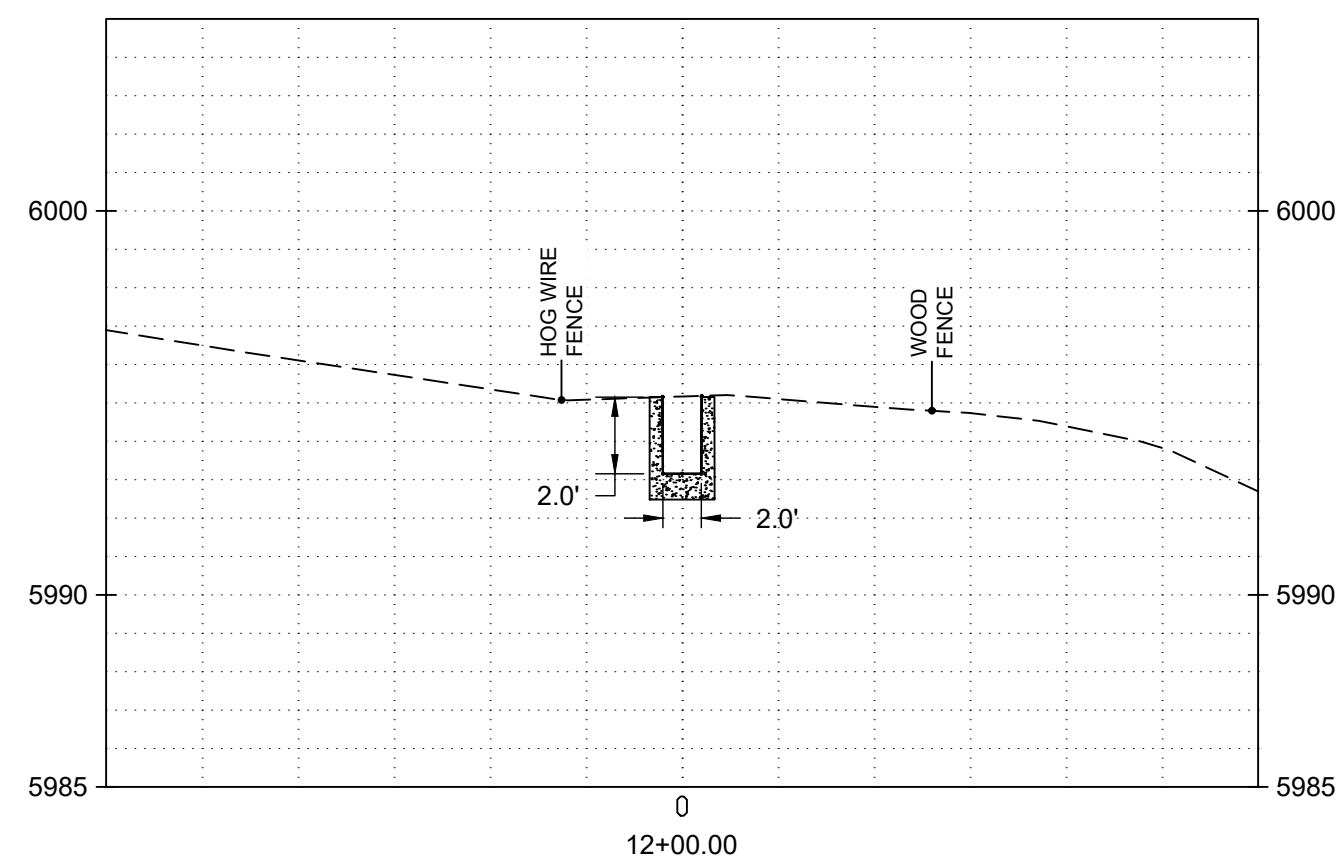
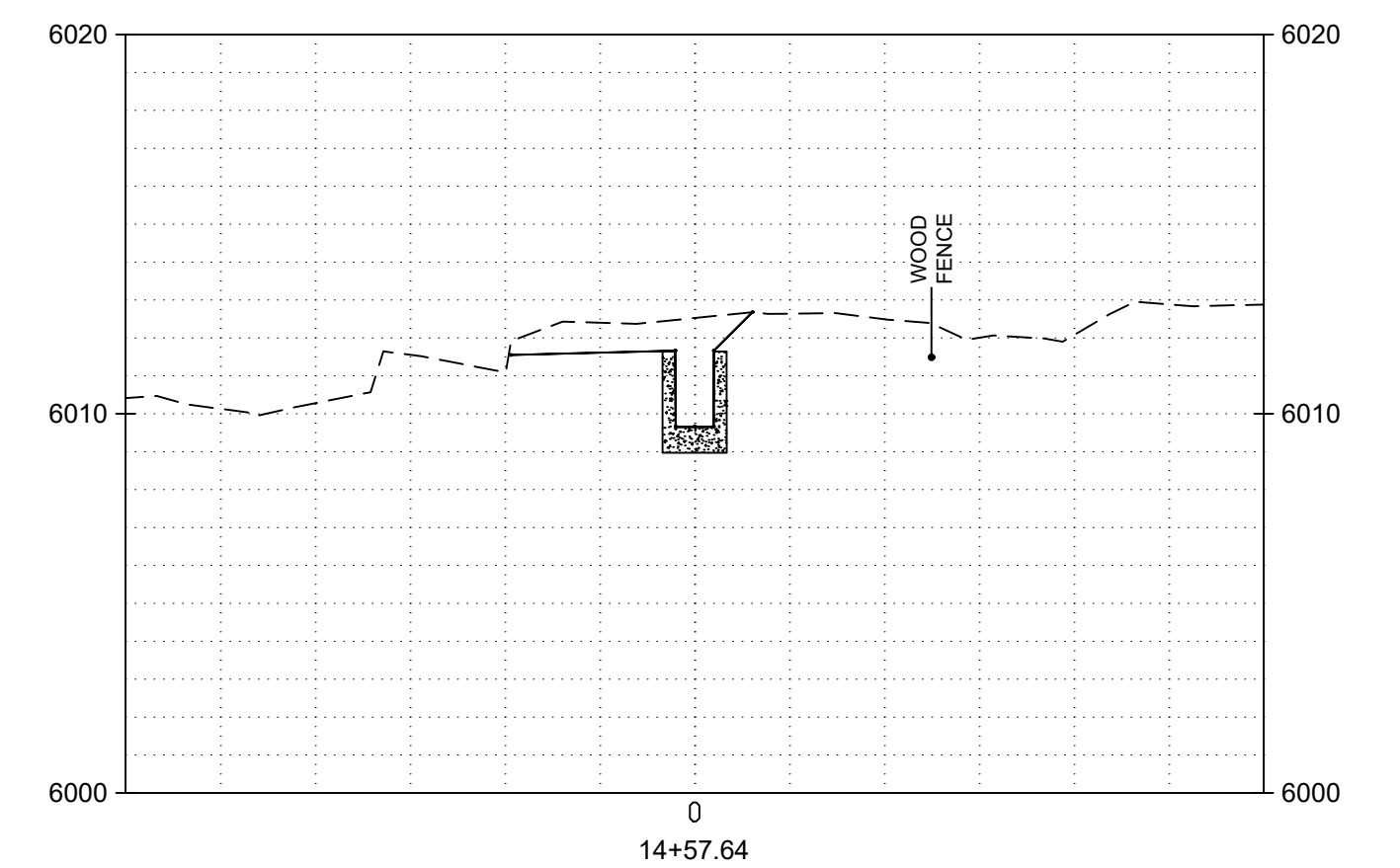
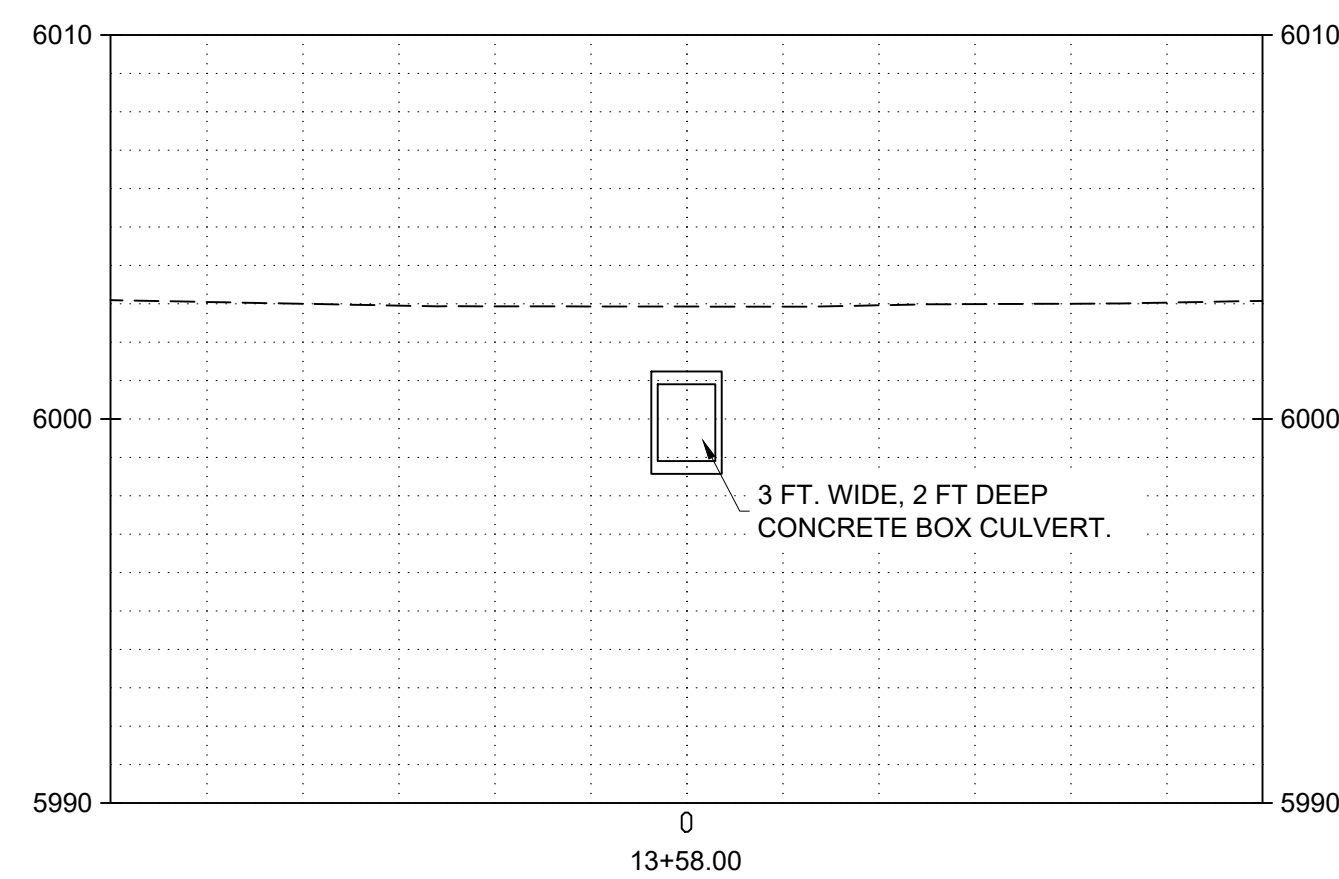
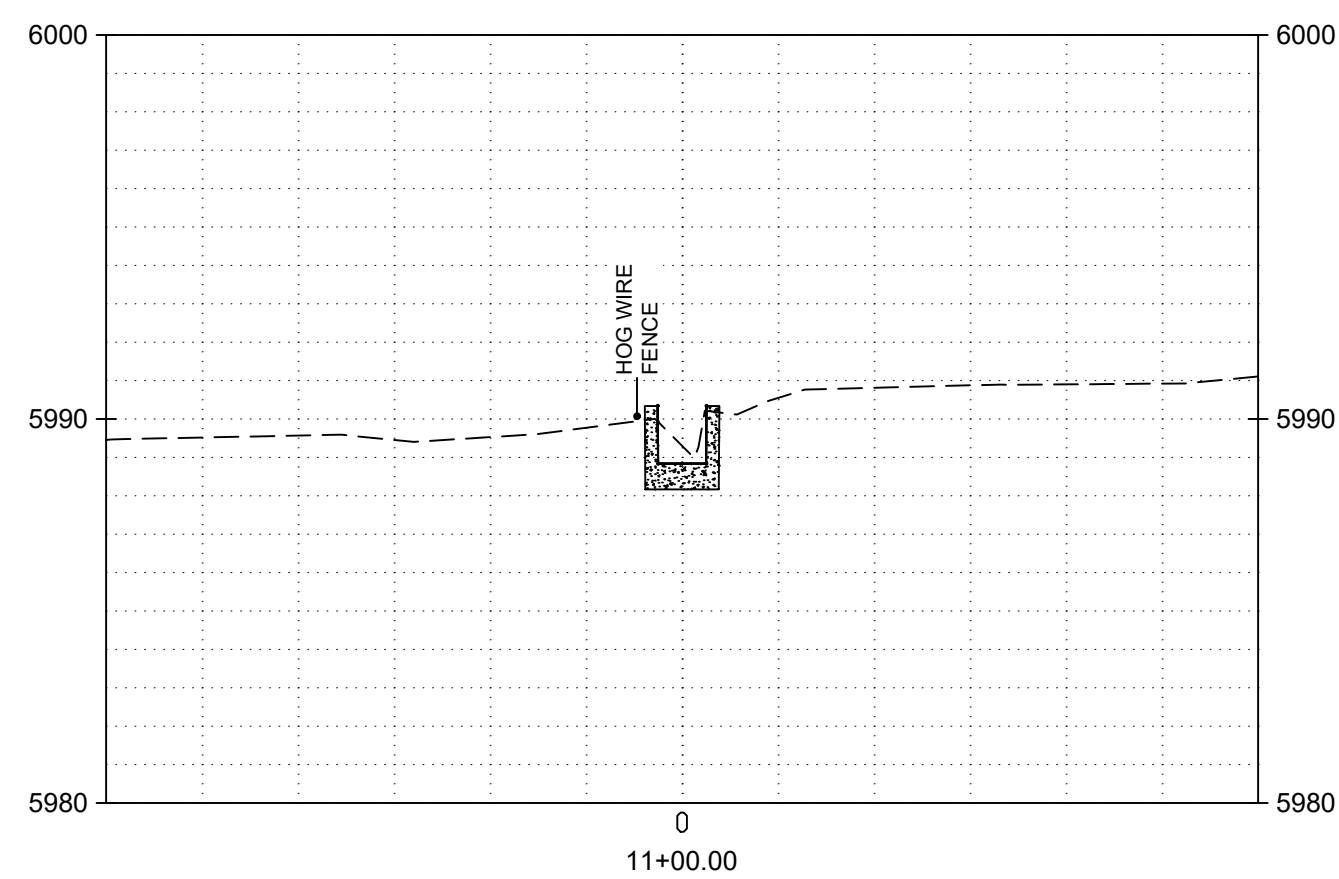
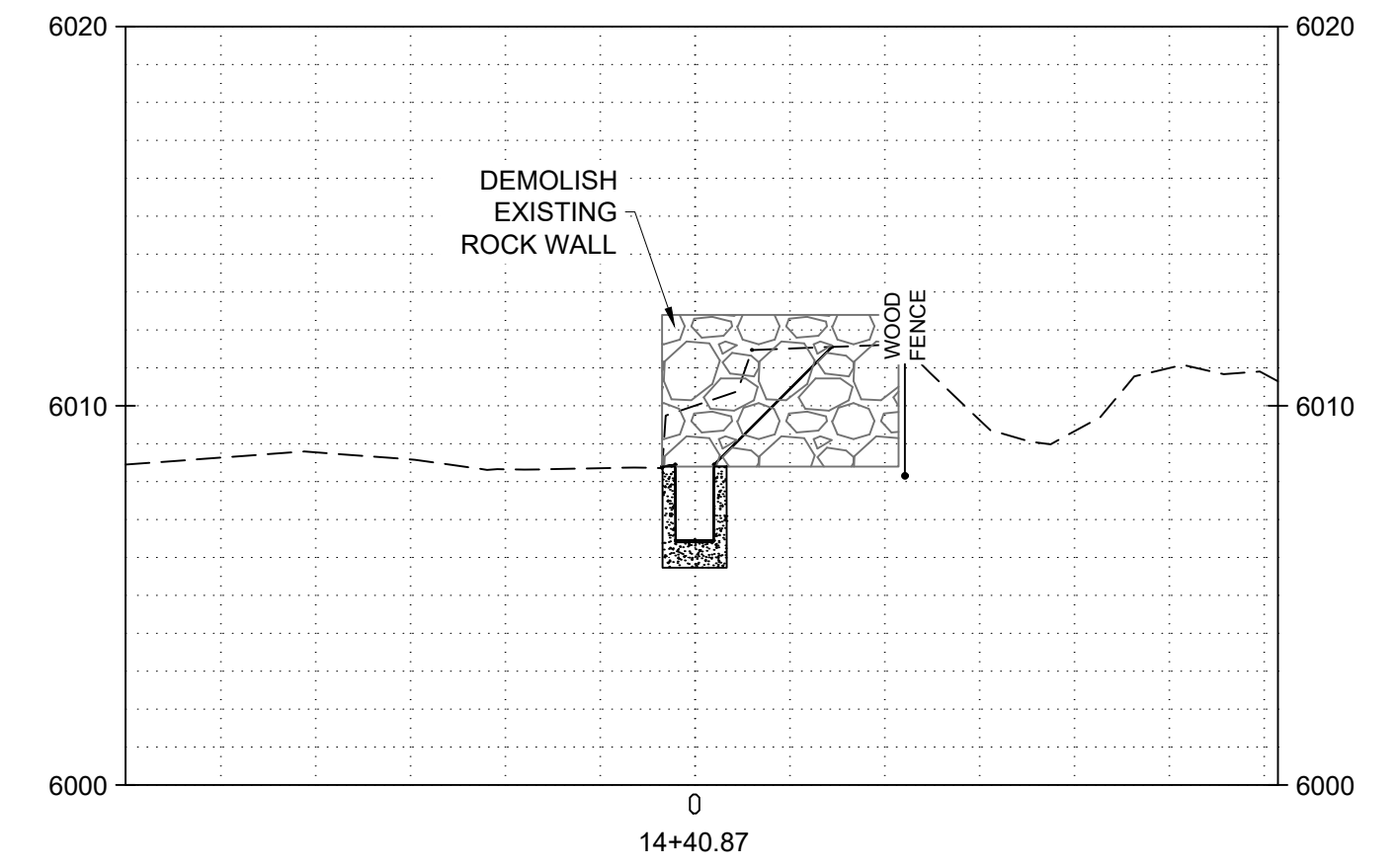
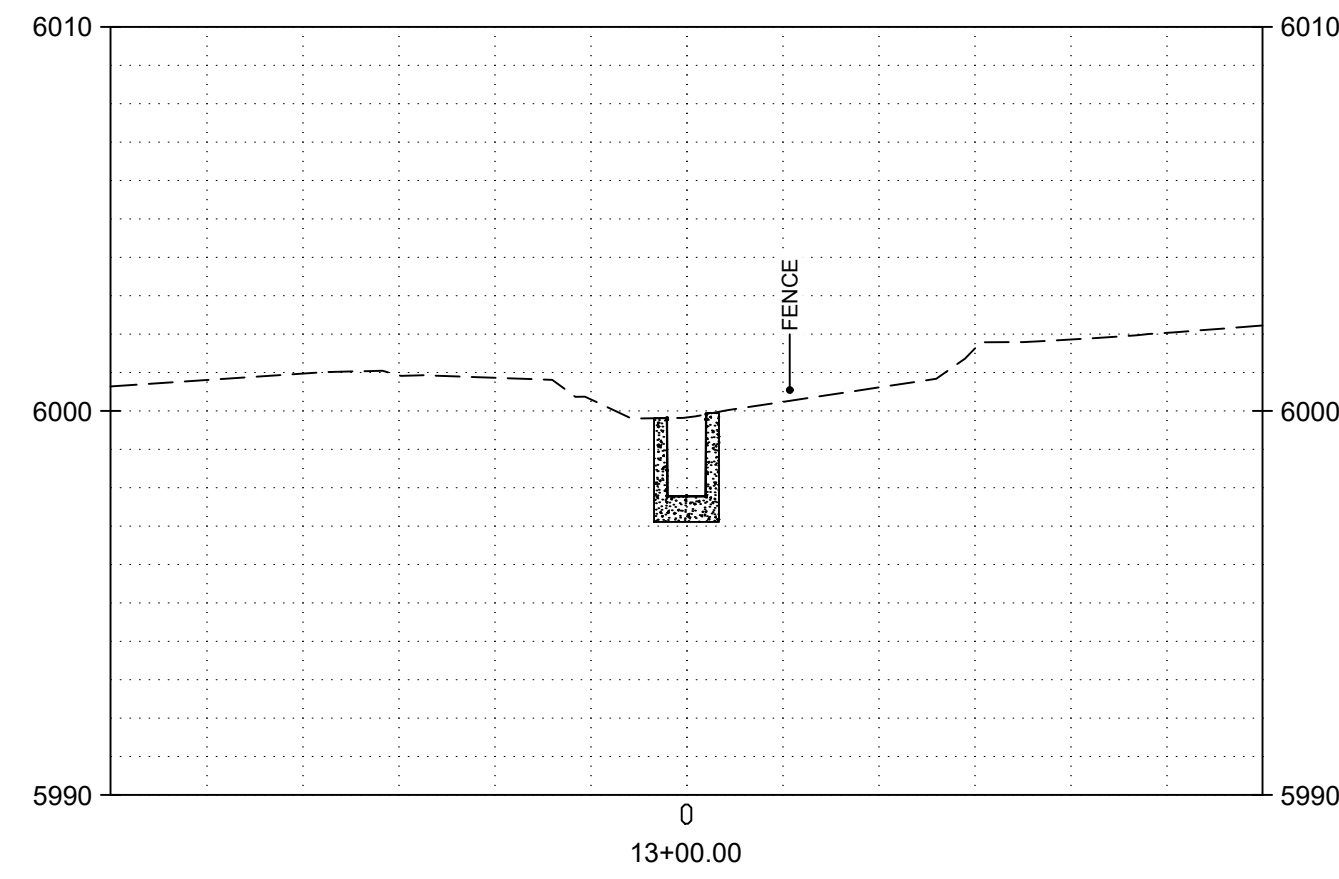
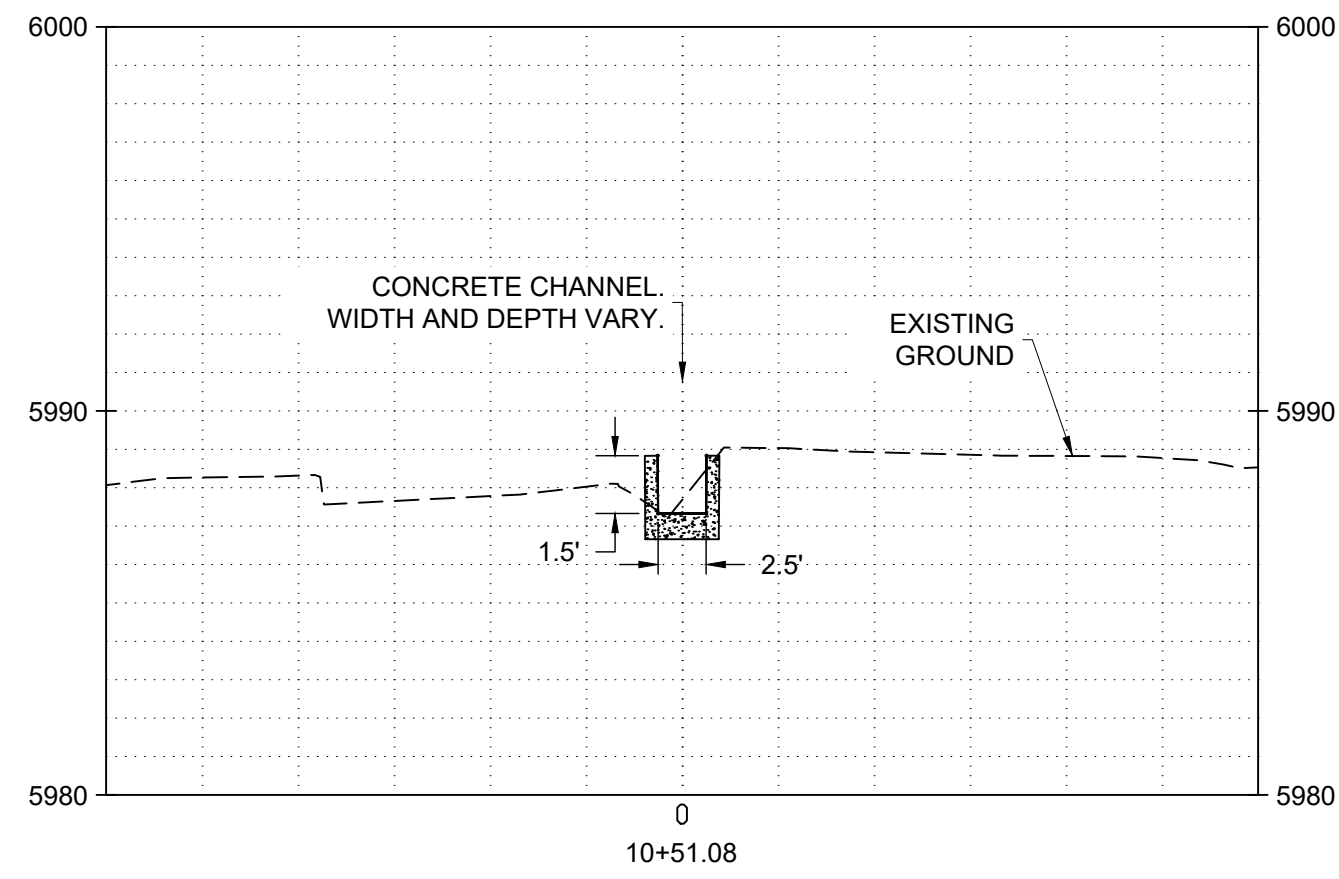
ALBUQUERQUE NEW MEXICO

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PROJ. ENG.	RGE	10/31/24			
PROJ. MGR.	TDB	10/31/24			
APPROVED					
APPROVED					



ICE HOUSE ROAD
BETHLEHEM HILL ROAD
CROSS SECTIONS

DRAWN	RW	DATE	---	DWG. NO.	C102	REV. NO.	B
SCALE		W.O. NO.	15740.001.003	SHT.	36	OF	76



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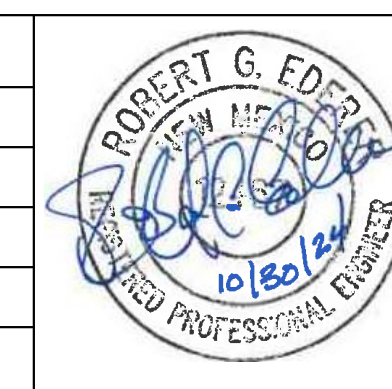
**VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT**

MADRID NEW MEXICO

WESTON SOLUTIONS

ALBUQUERQUE NEW MEXICO

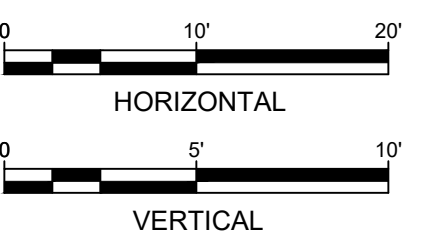
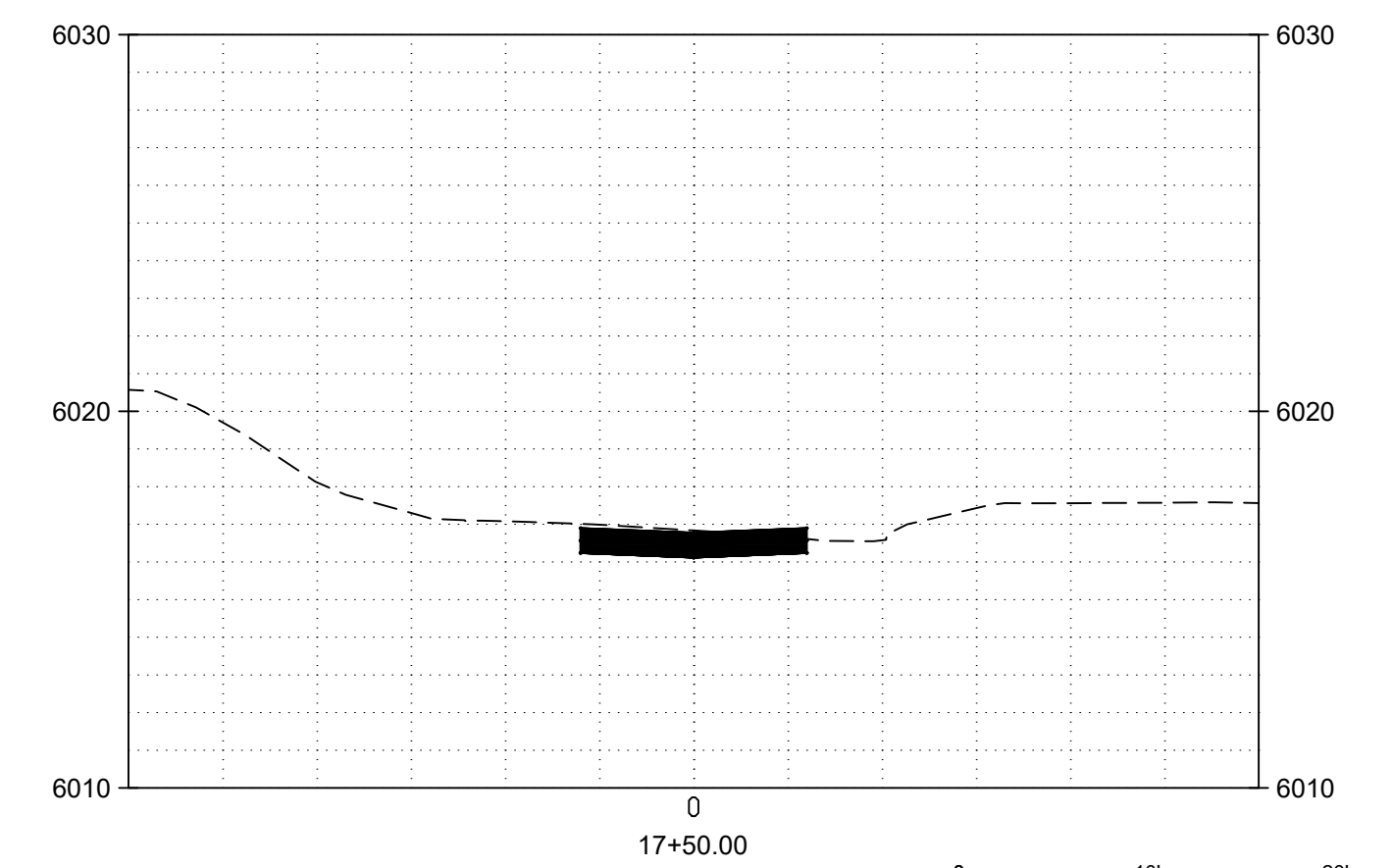
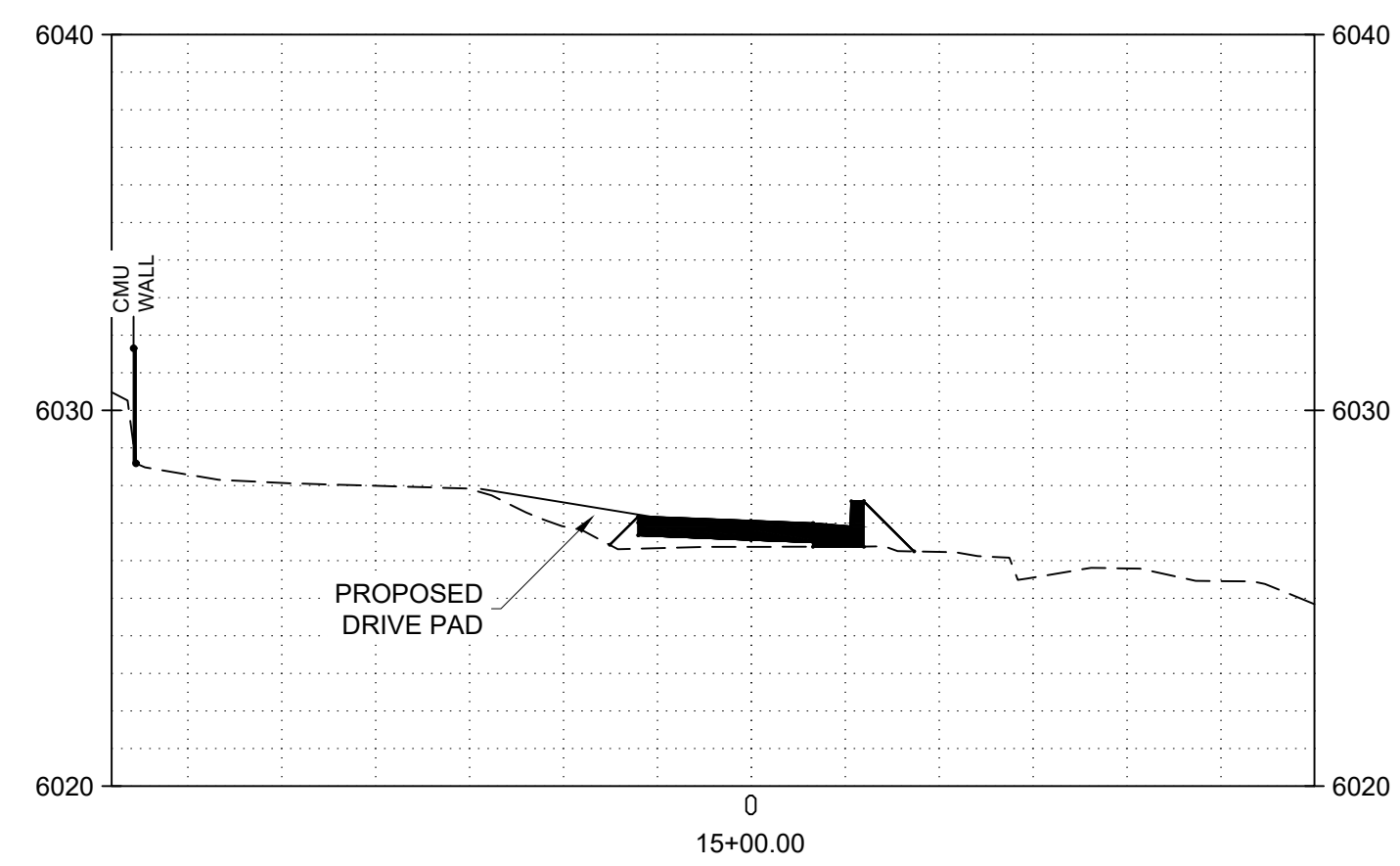
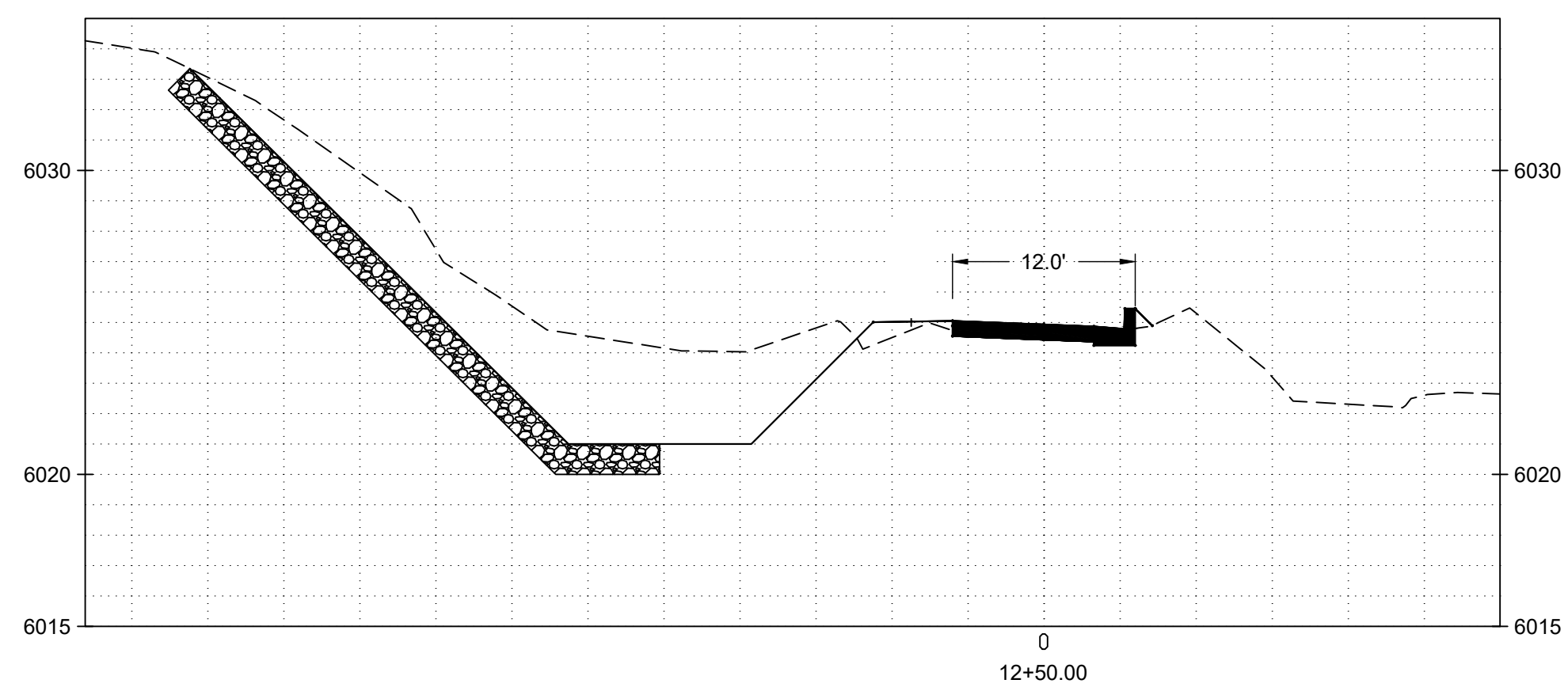
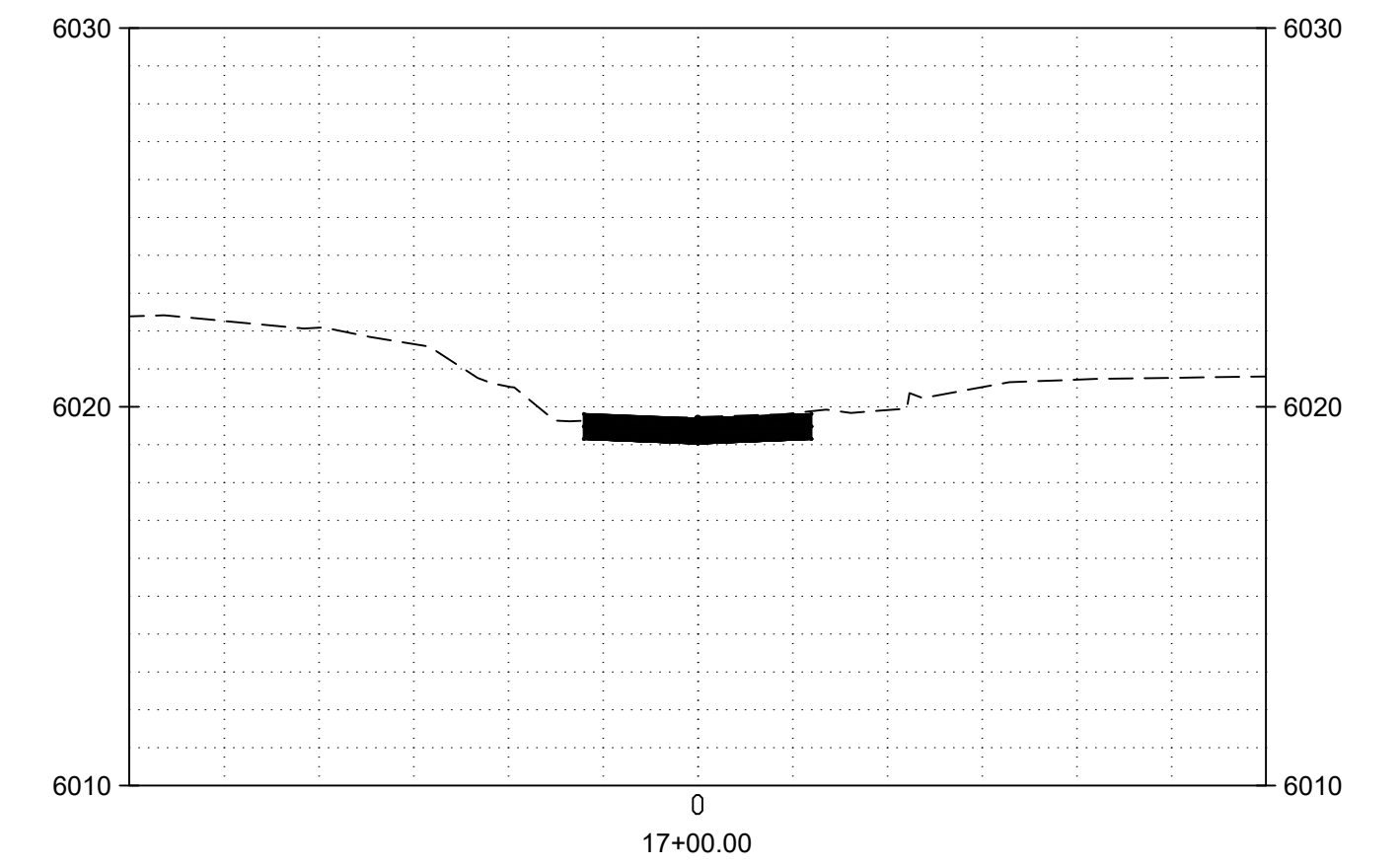
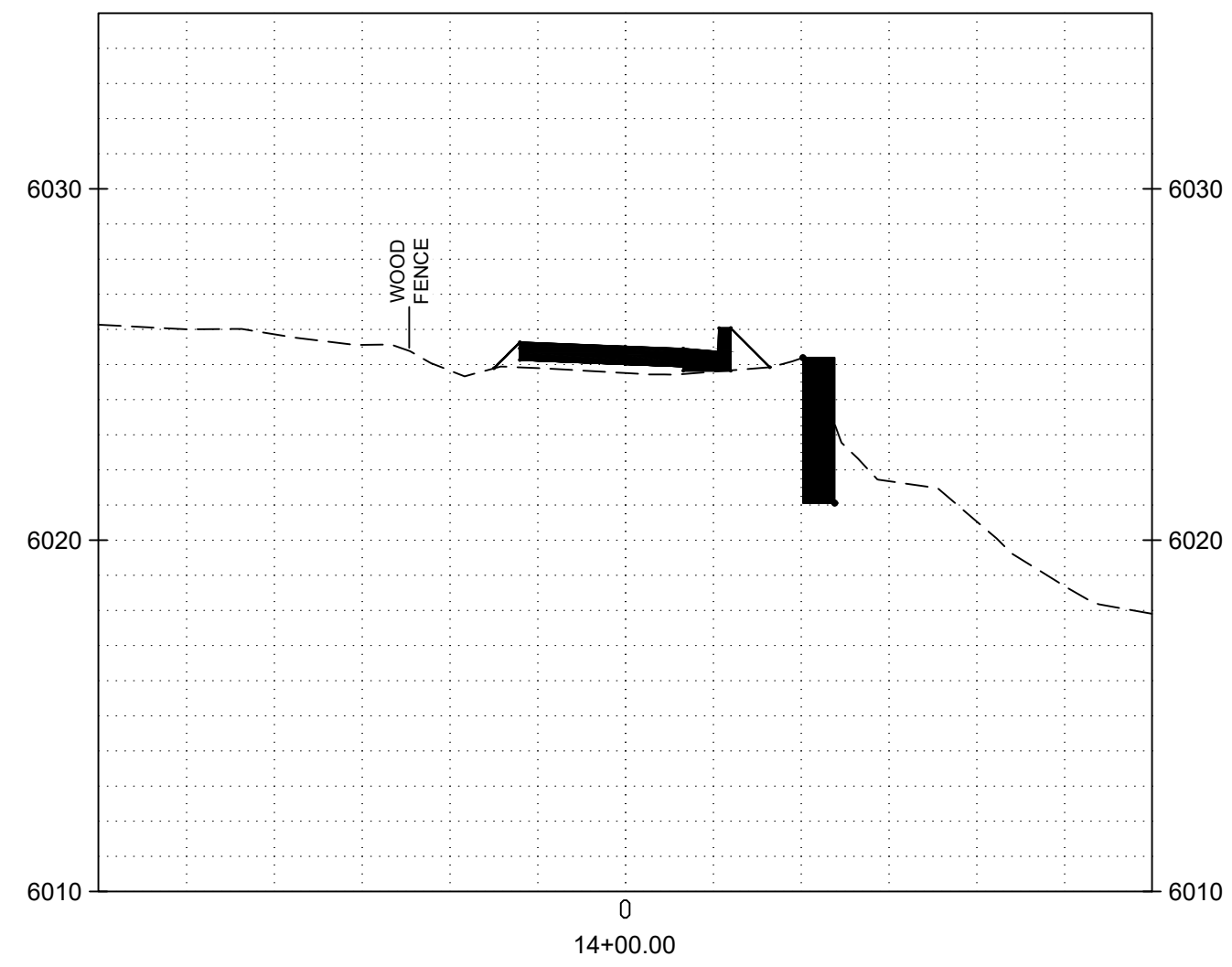
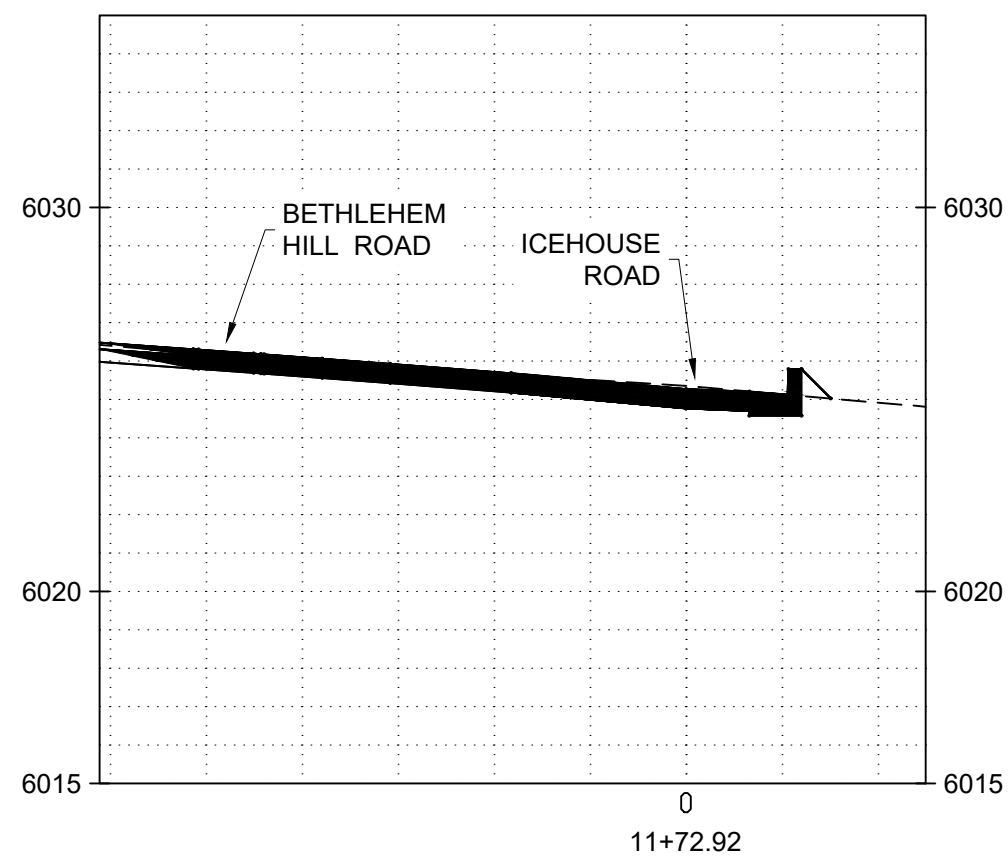
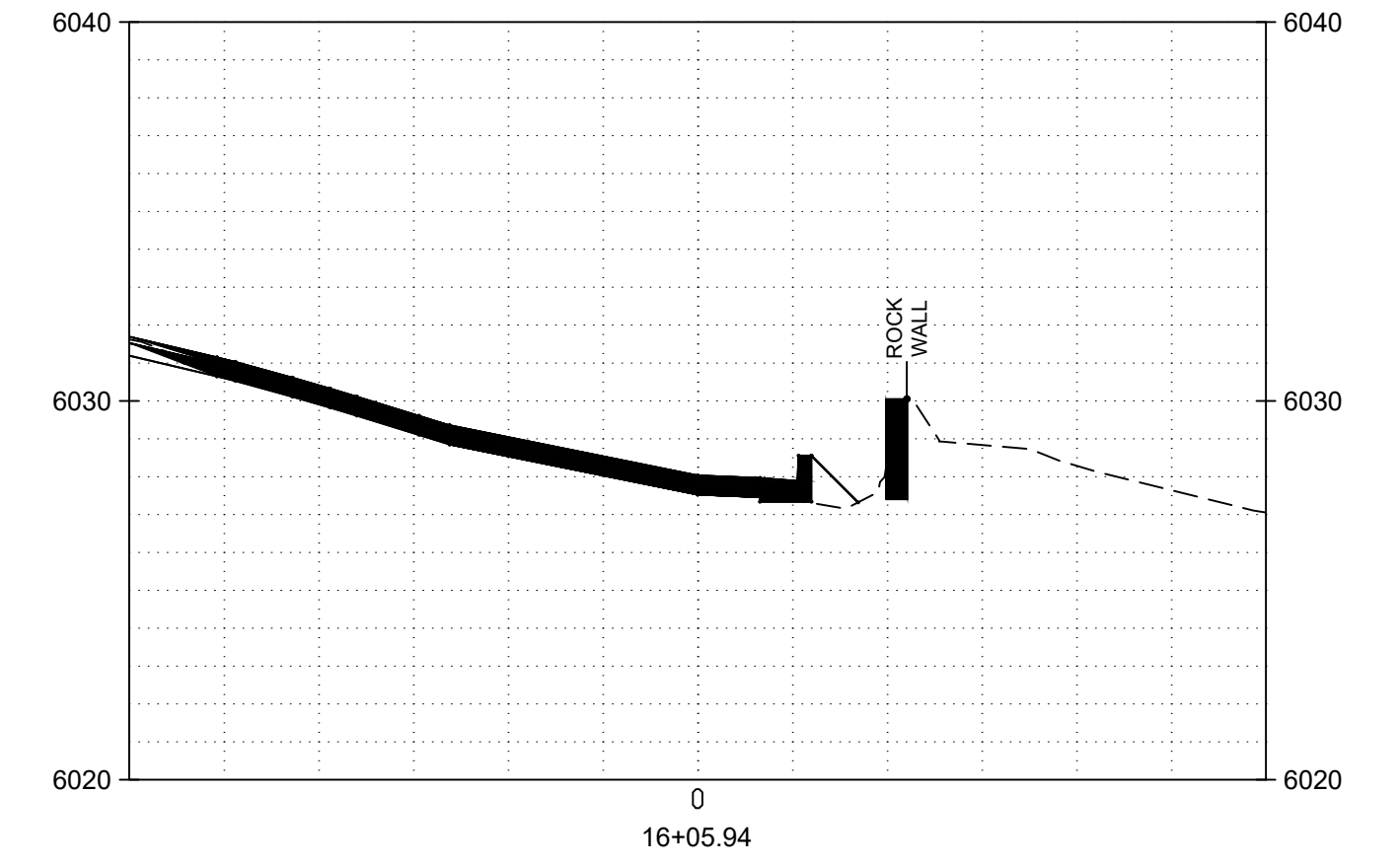
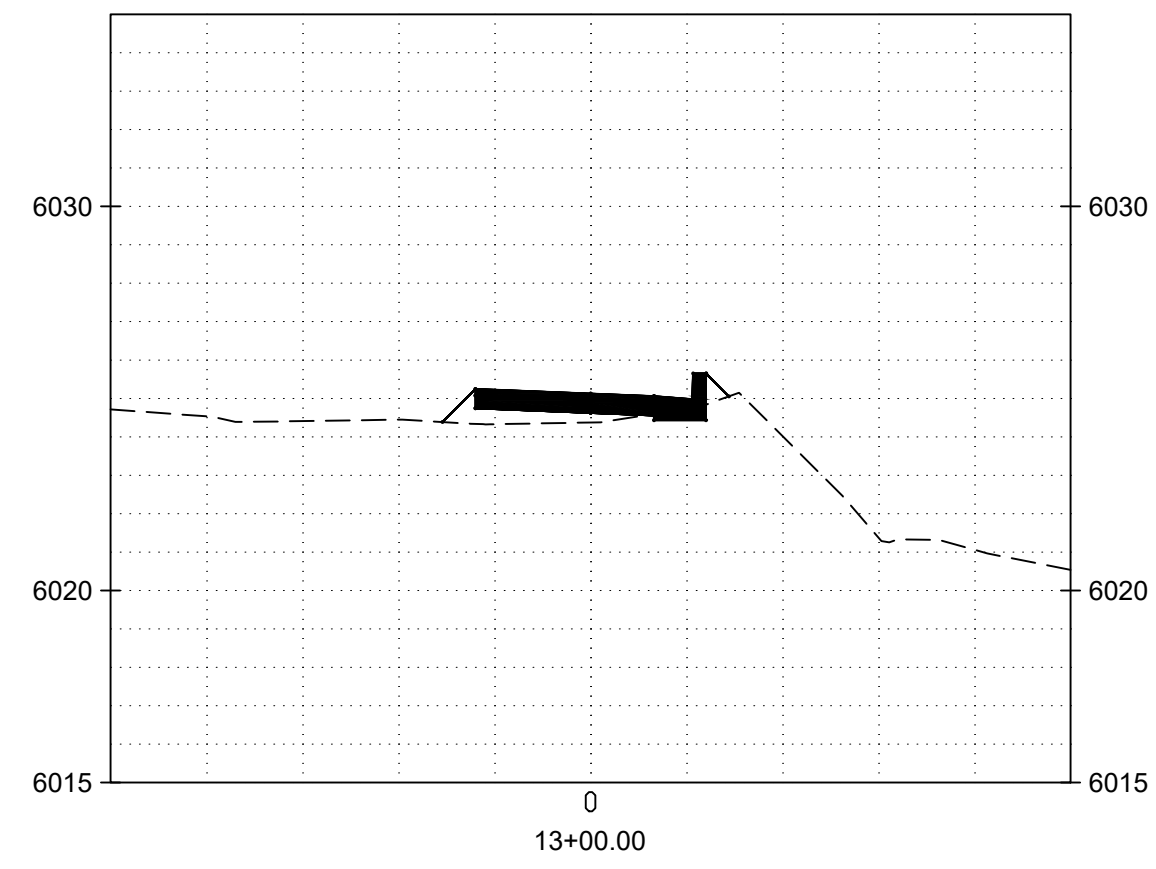
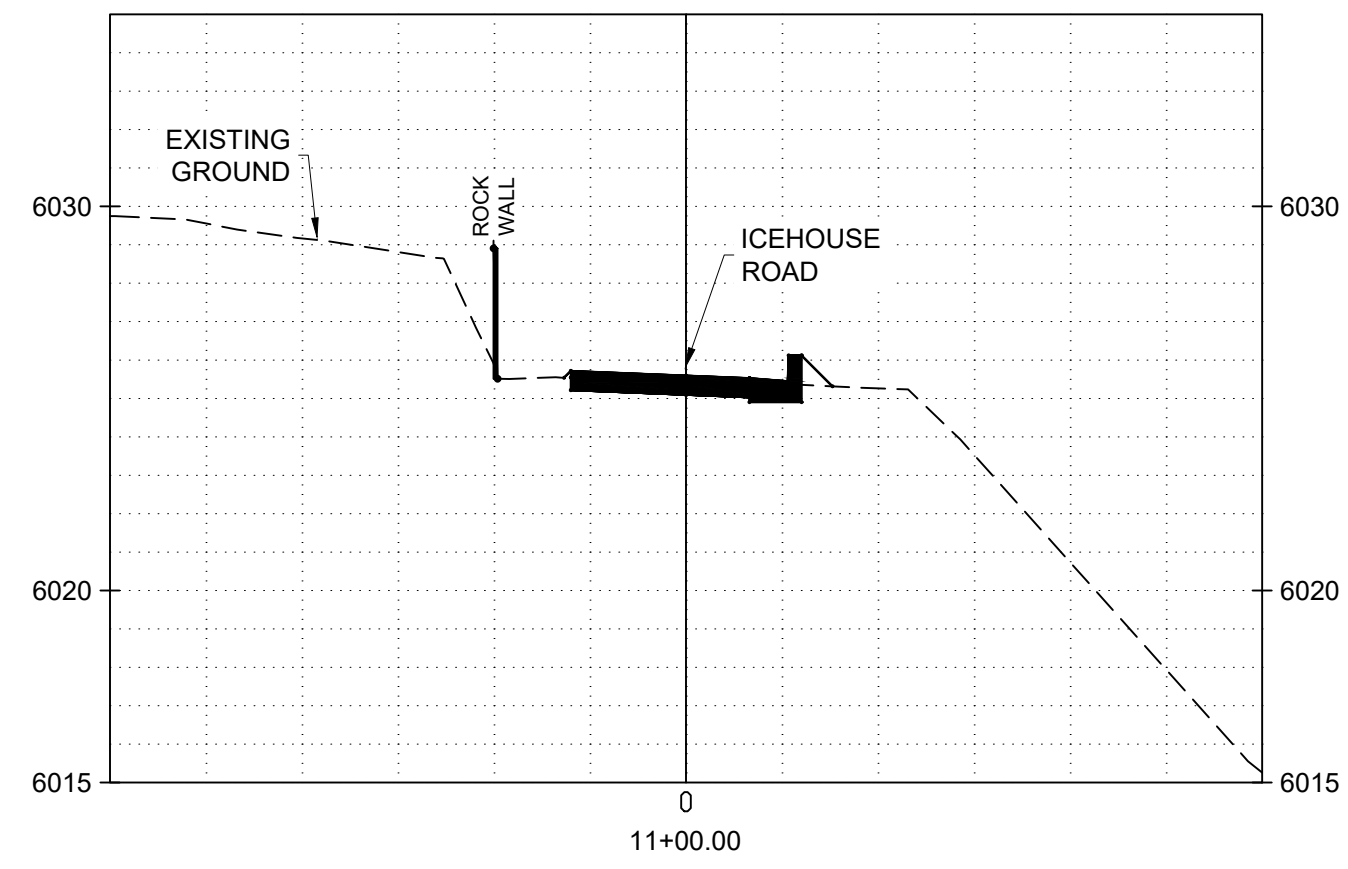
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PROJ. MGR.	TDB	DATE	10/31/24		
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APPROVED					



**ICE HOUSE ROAD
ICE HOUSE CHANNEL
CROSS SECTIONS**

DRAWN	RW	DATE	---	DWG. NO.	C103	REV. NO.	B
SCALE		W.O. NO.	15740.001.003	SHT.	37	OF	76

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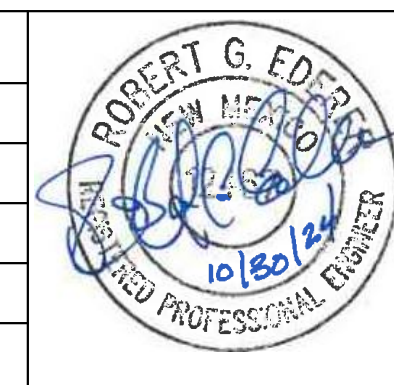
**VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT**

MADRID NEW MEXICO

WESTON SOLUTIONS

ALBUQUERQUE NEW MEXICO

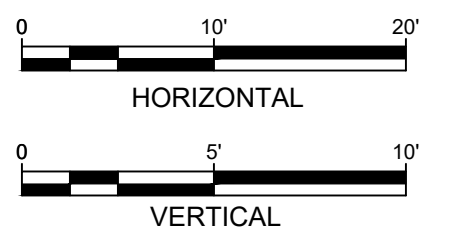
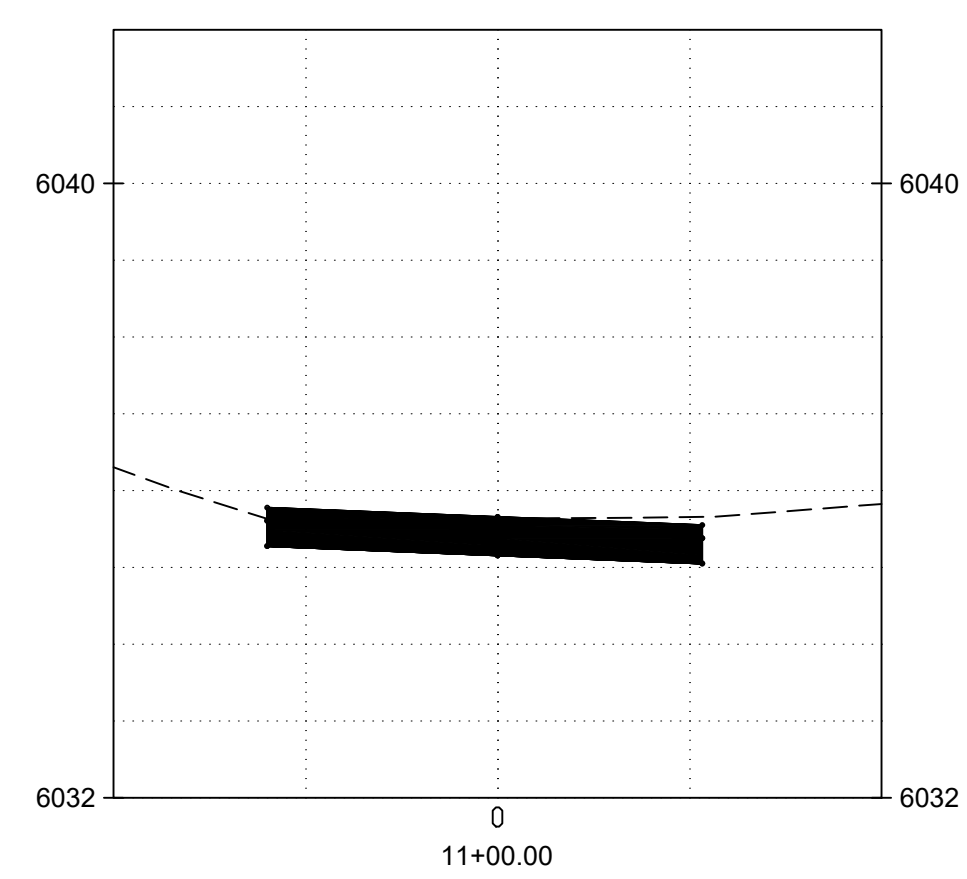
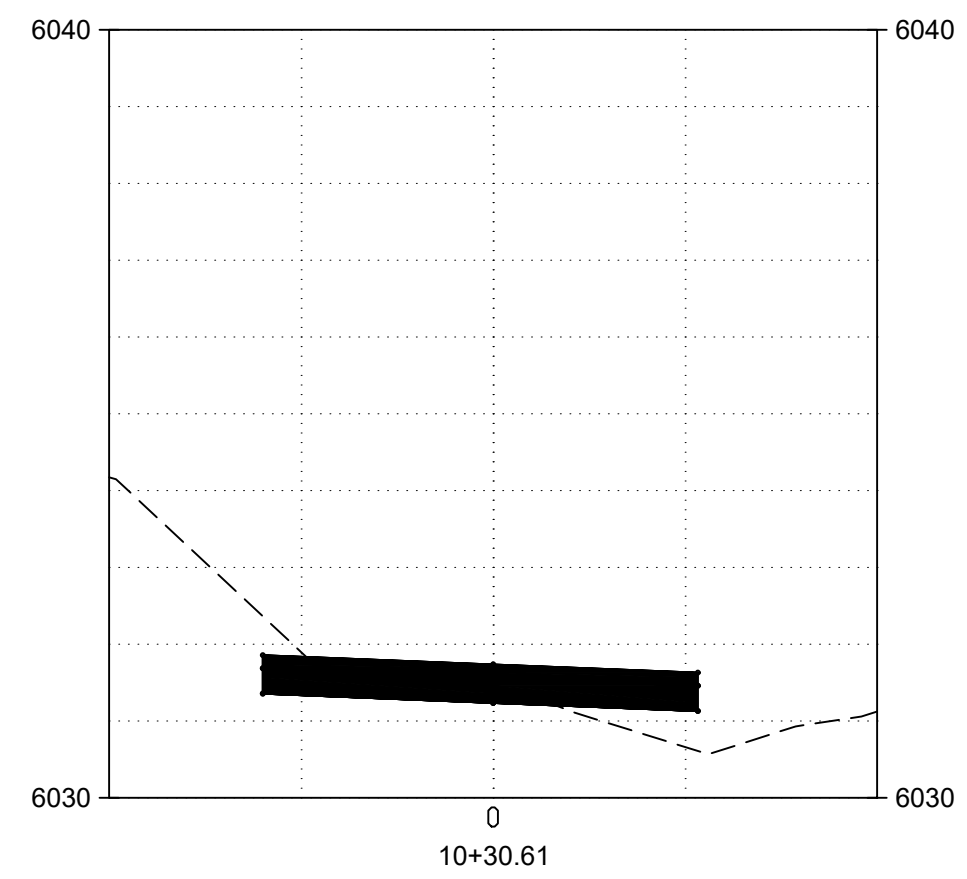
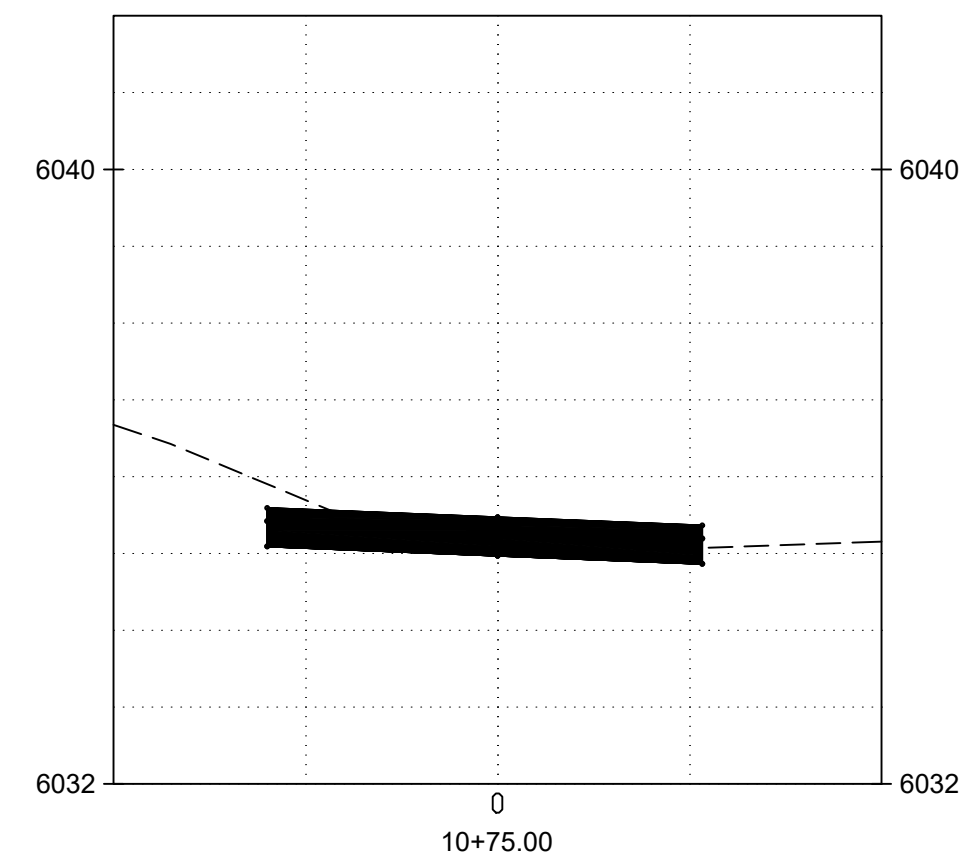
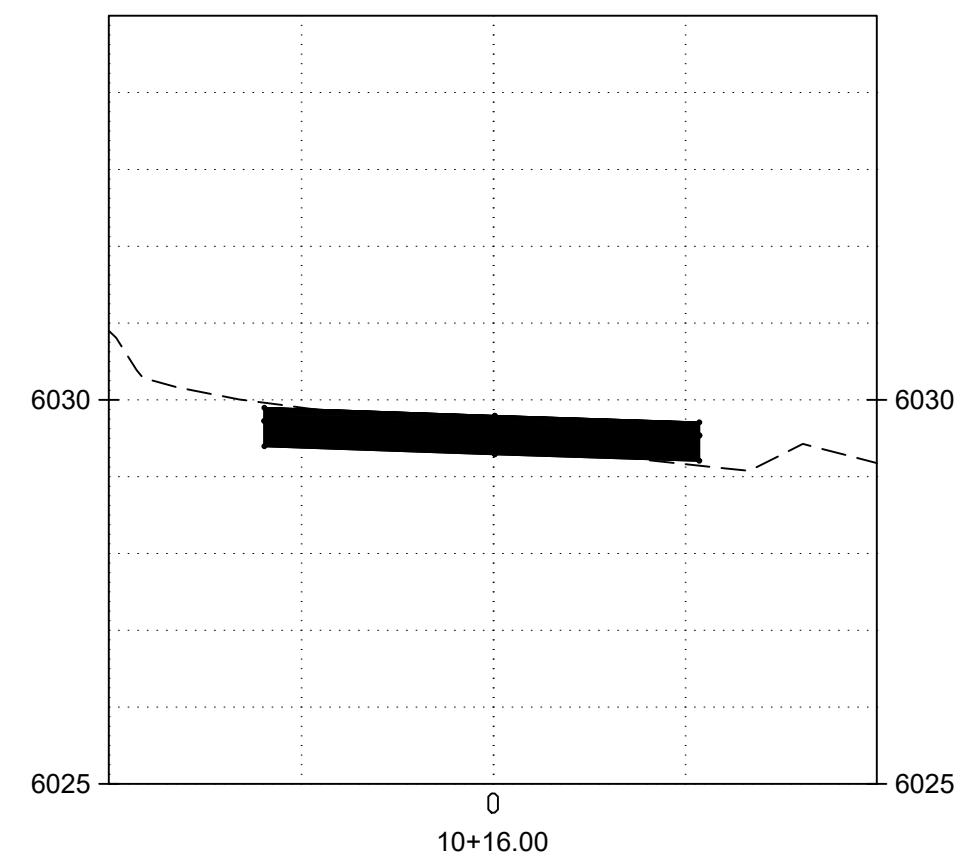
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APPROVED			



**ICE HOUSE ROAD
ICE HOUSE ROAD
CROSS SECTIONS**

DRAWN	RW	DATE	---	DWG. NO.	C104	REV. NO.	B
SCALE		W.O. NO.	15740.001.003	SHT.	38	OF	76

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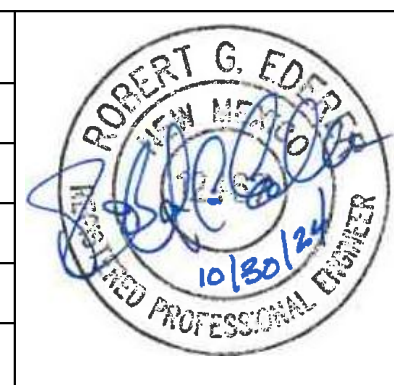
VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT

MADRID NEW MEXICO

WESTON SOLUTIONS

ALBUQUERQUE NEW MEXICO

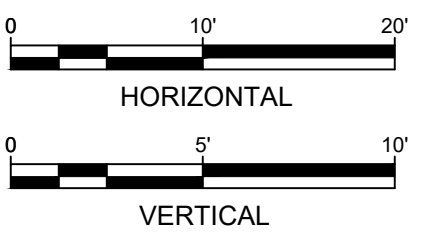
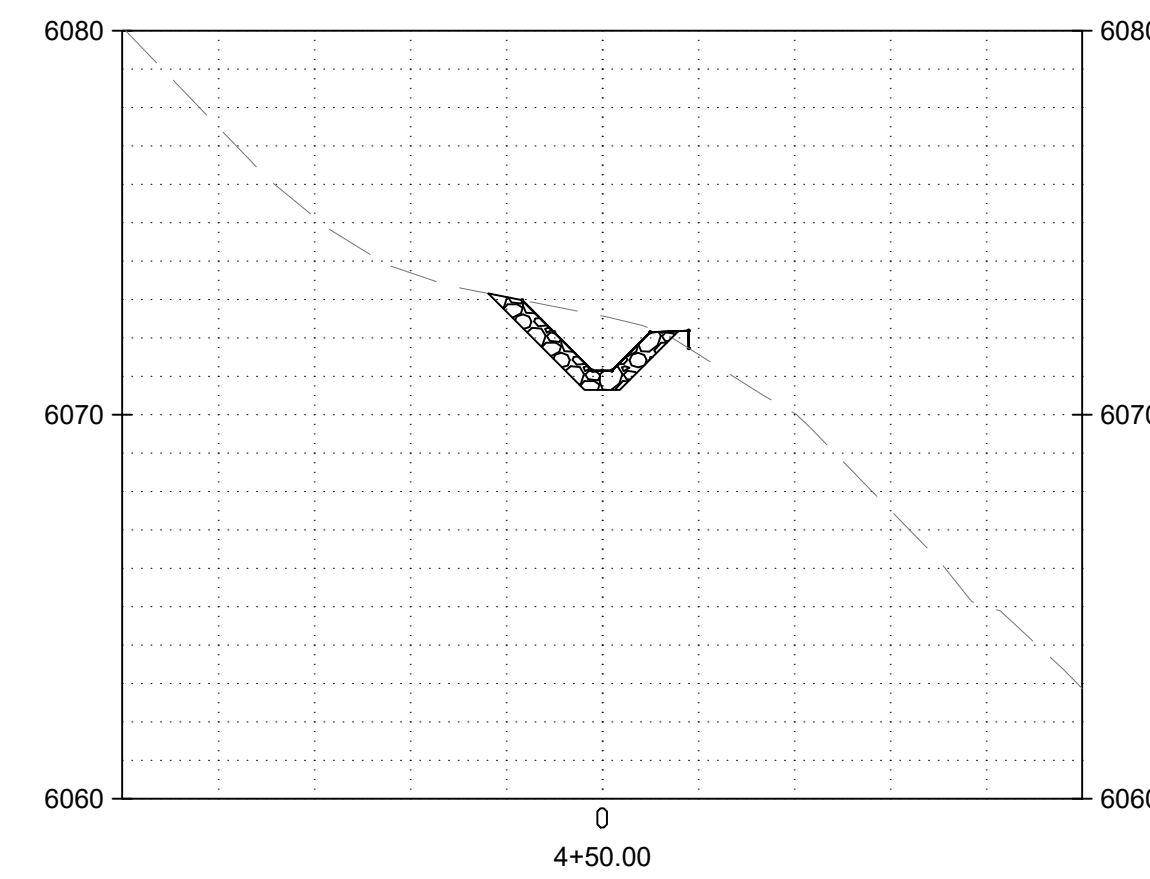
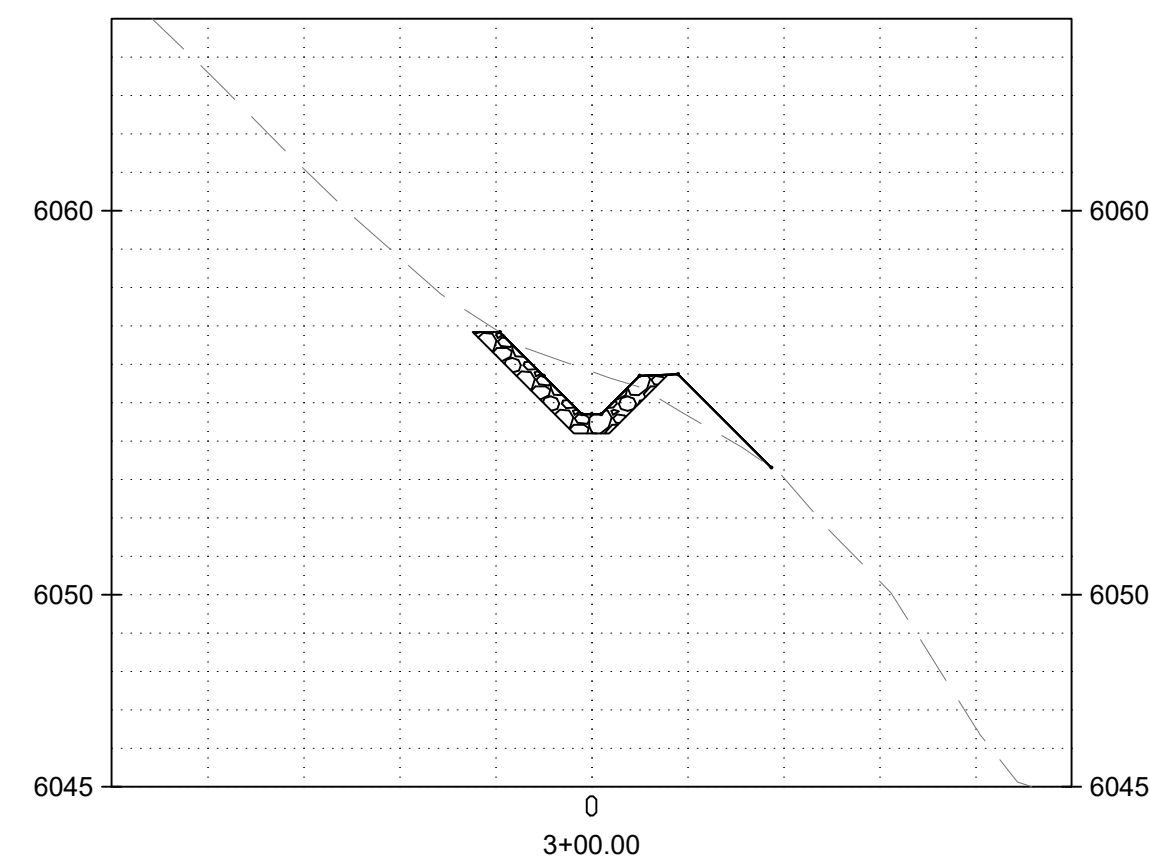
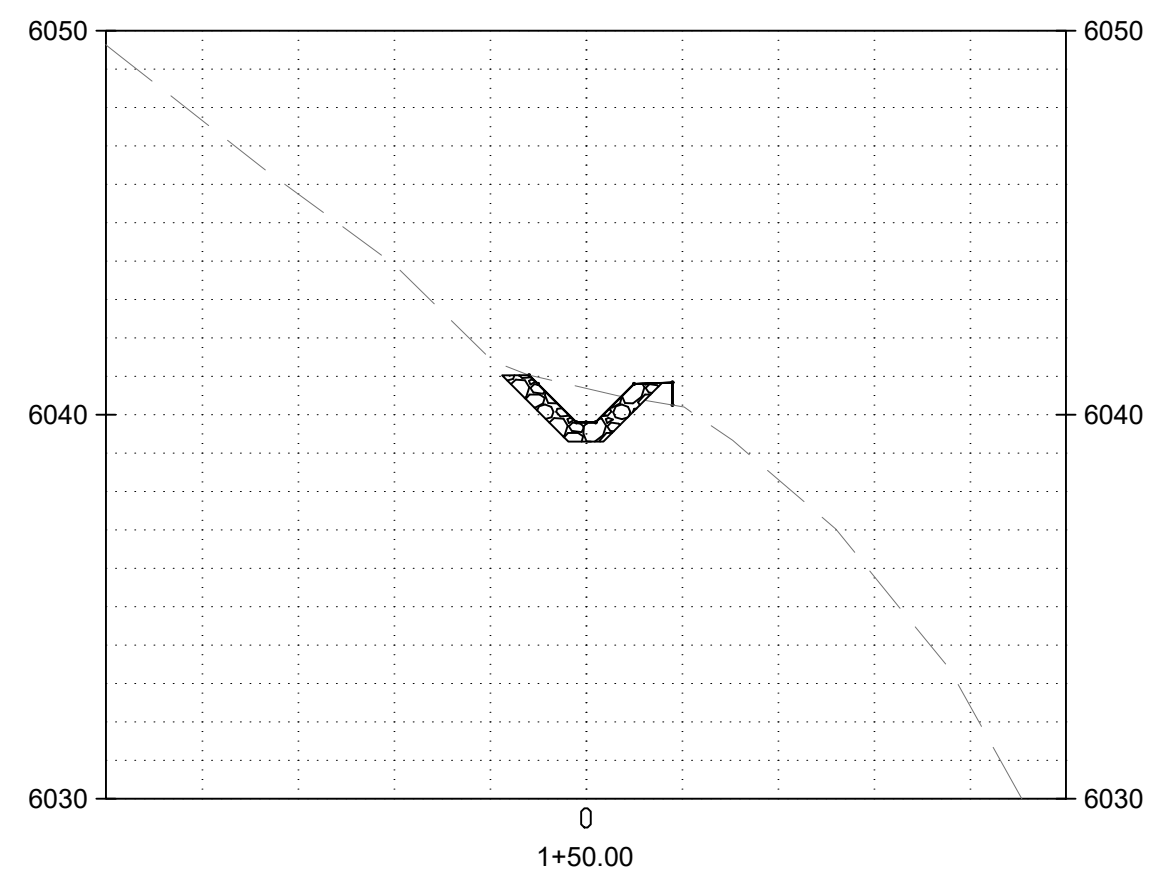
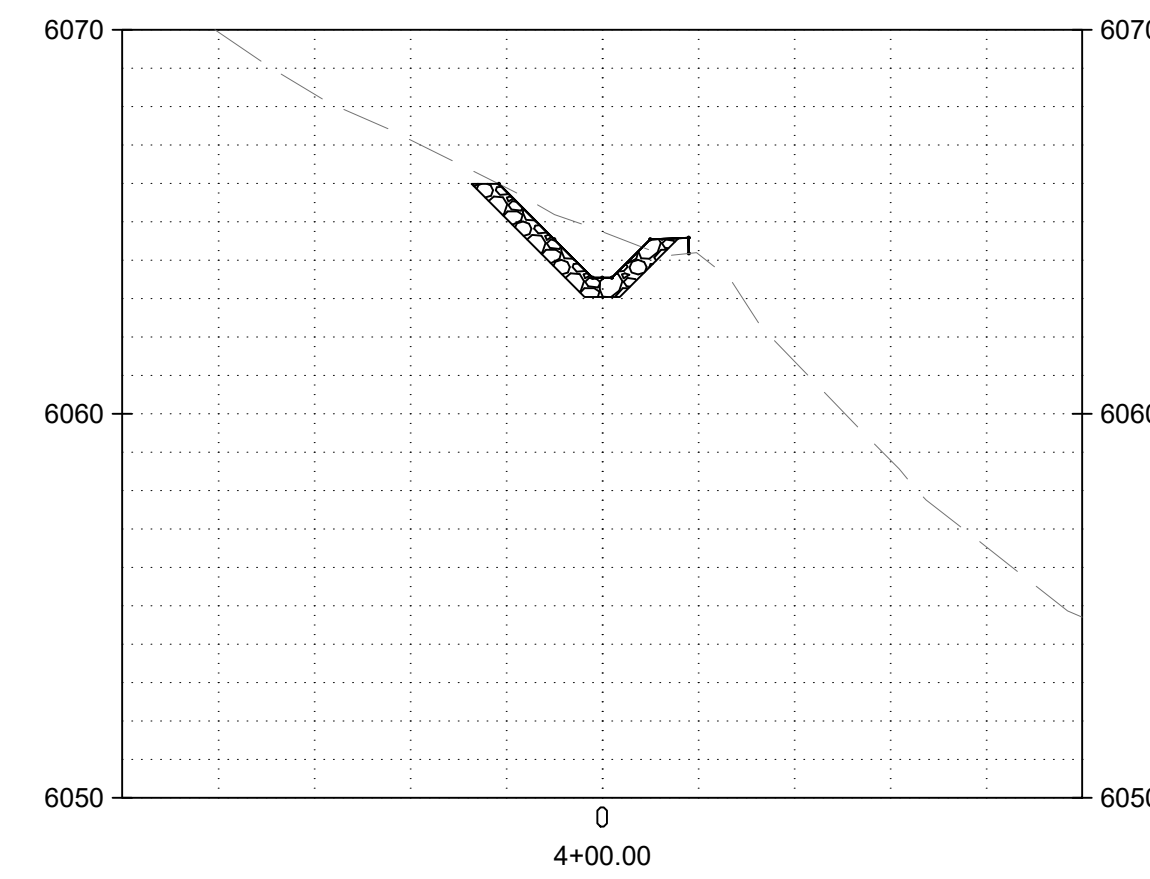
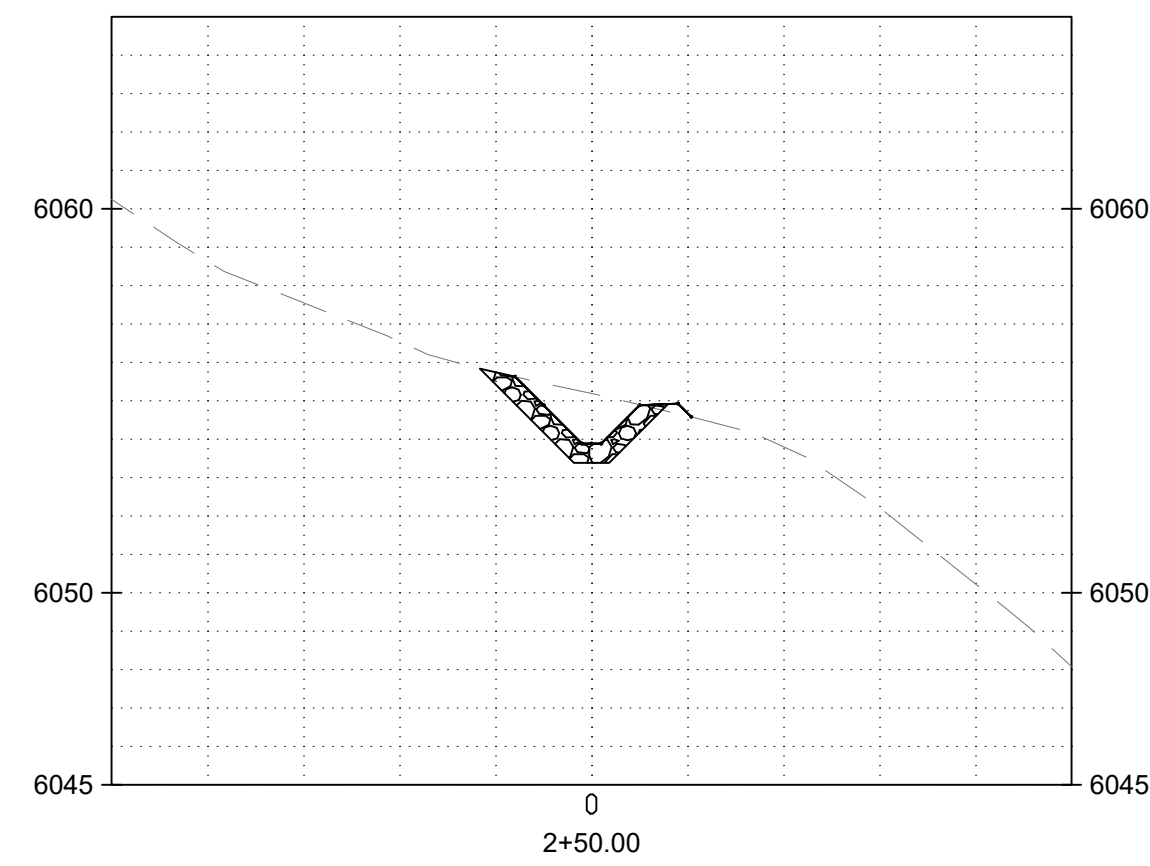
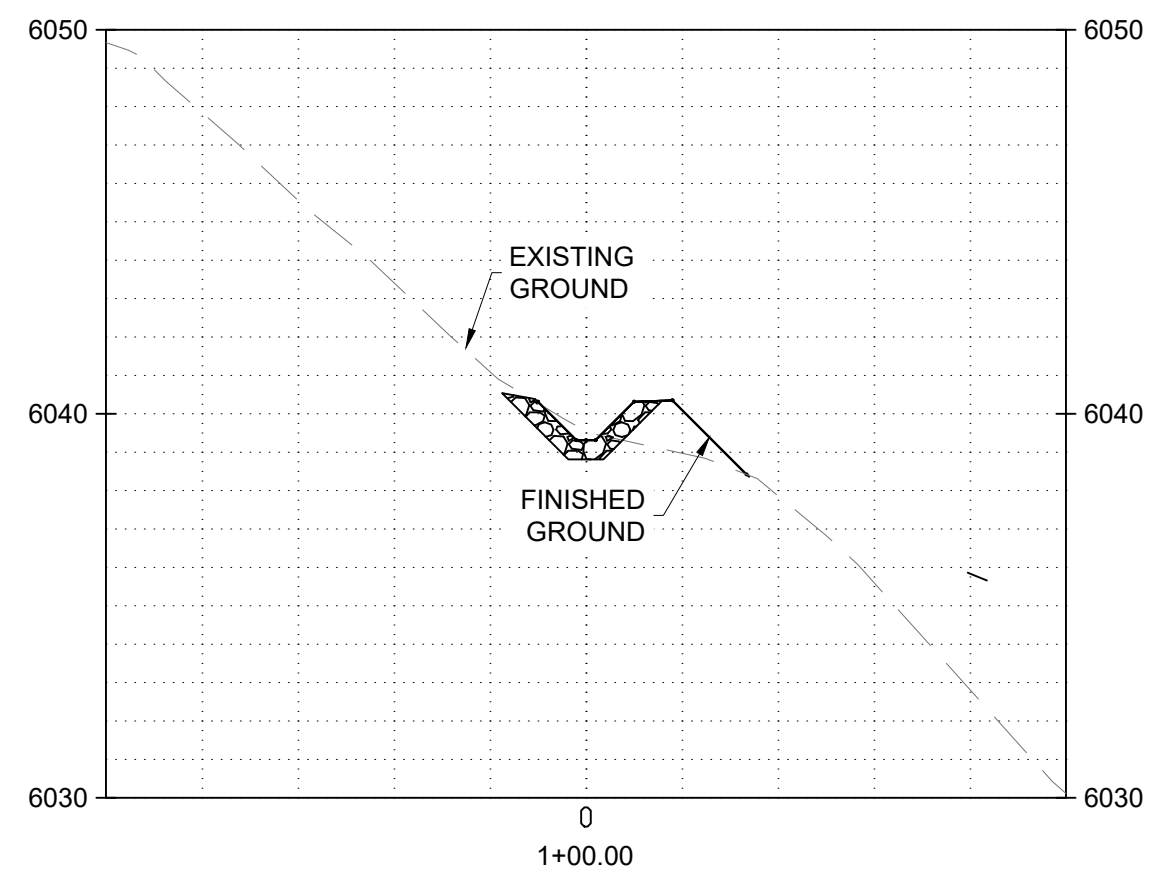
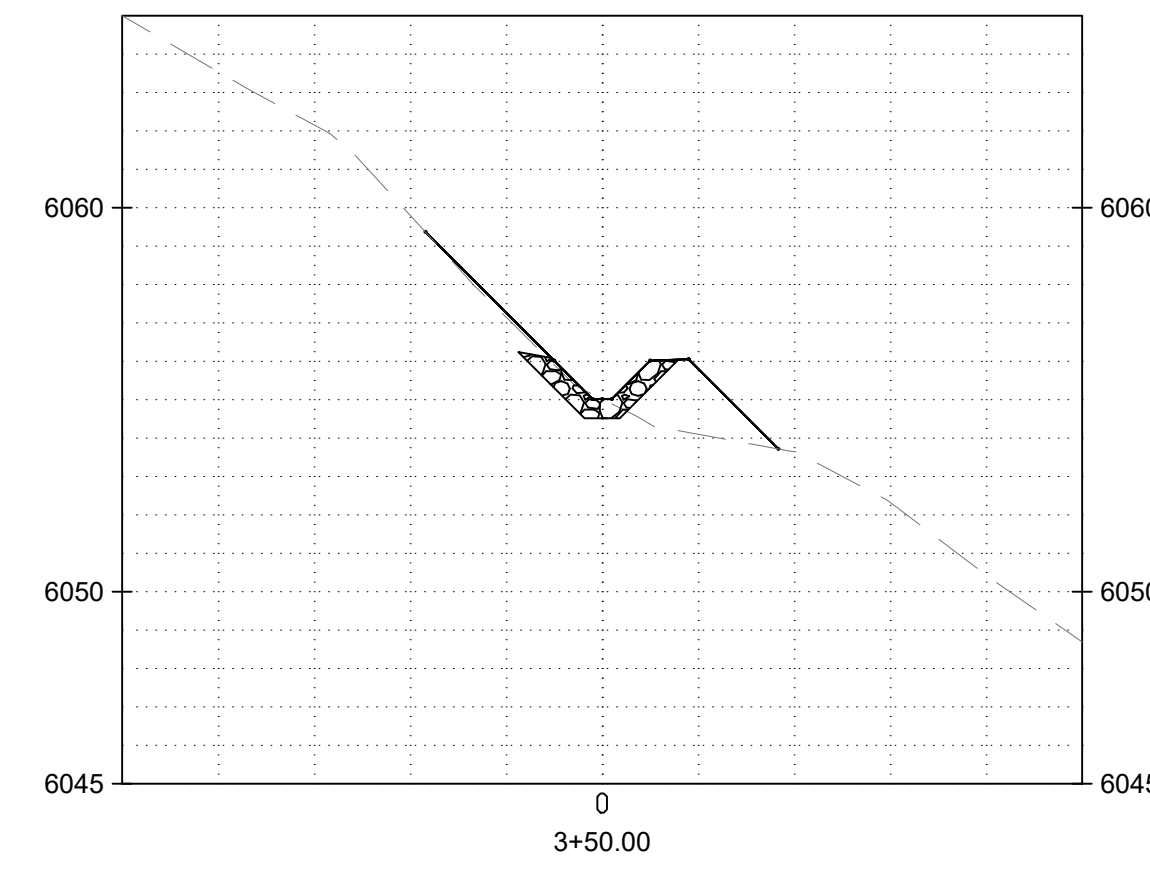
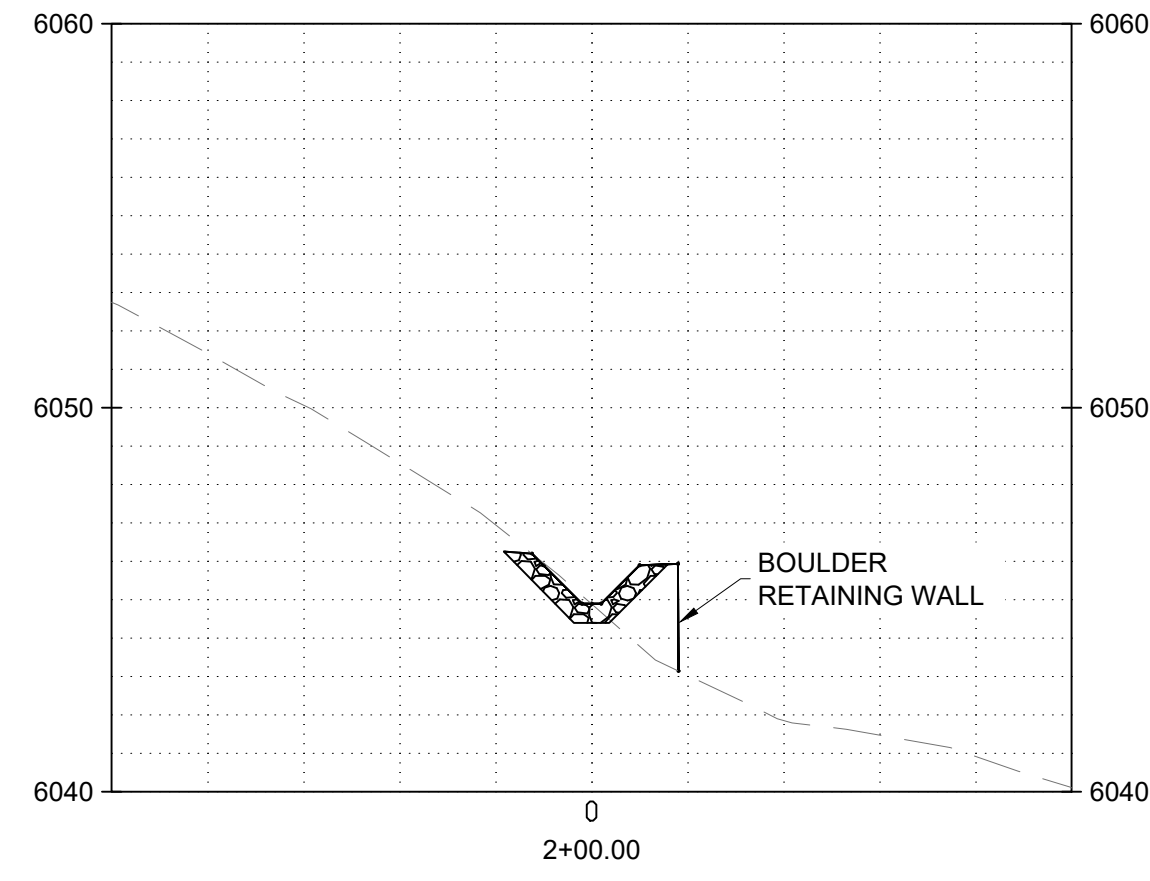
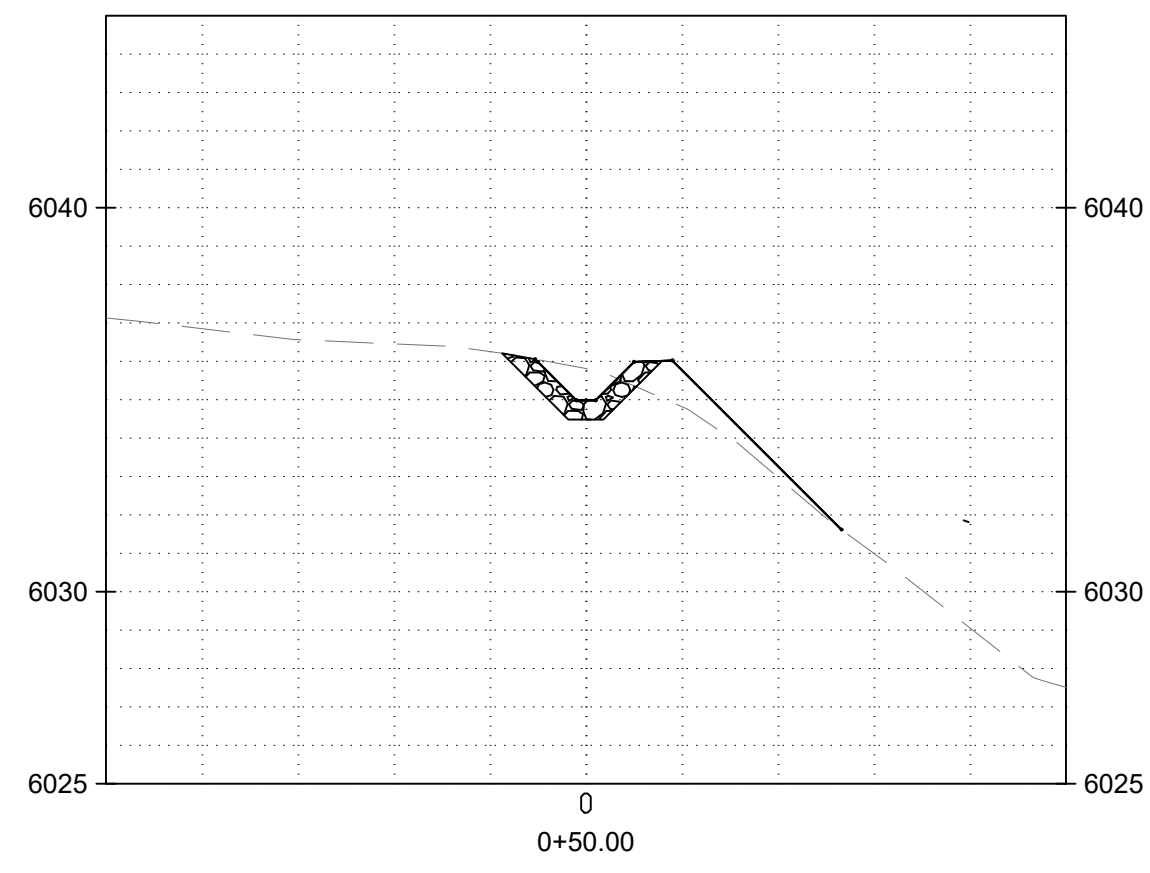
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DES. ENG.	SLJ	10/31/24			
PROJ. ENG.	RGE	10/31/24			
PROJ. MGR.	TDB	10/31/24			
APPROVED					
APPROVED					



ICE HOUSE ROAD
ICE HOUSE ROAD EXTENSION
CROSS SECTIONS

DRAWN	RW	DATE	---	DWG. NO.	C105	REV. NO.	B
SCALE		W.O. NO.	15740.001.003	SHT.	39	OF	76

C:\Users\miller\OneDrive\Documents\Projects\MADRID STORMWATER\Ice House Area\ISect.dwg October 30, 2024 - 11:29am



NO.	DATE	APPR	REVISION	NO.	DATE	APPR	REVISION
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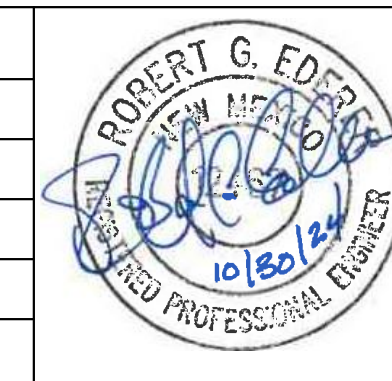
VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT

MADRID NEW MEXICO

WESTON SOLUTIONS

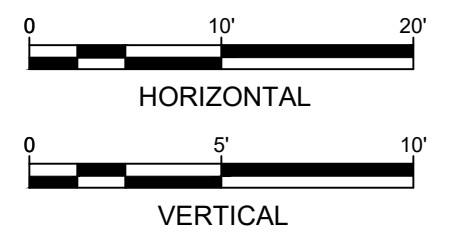
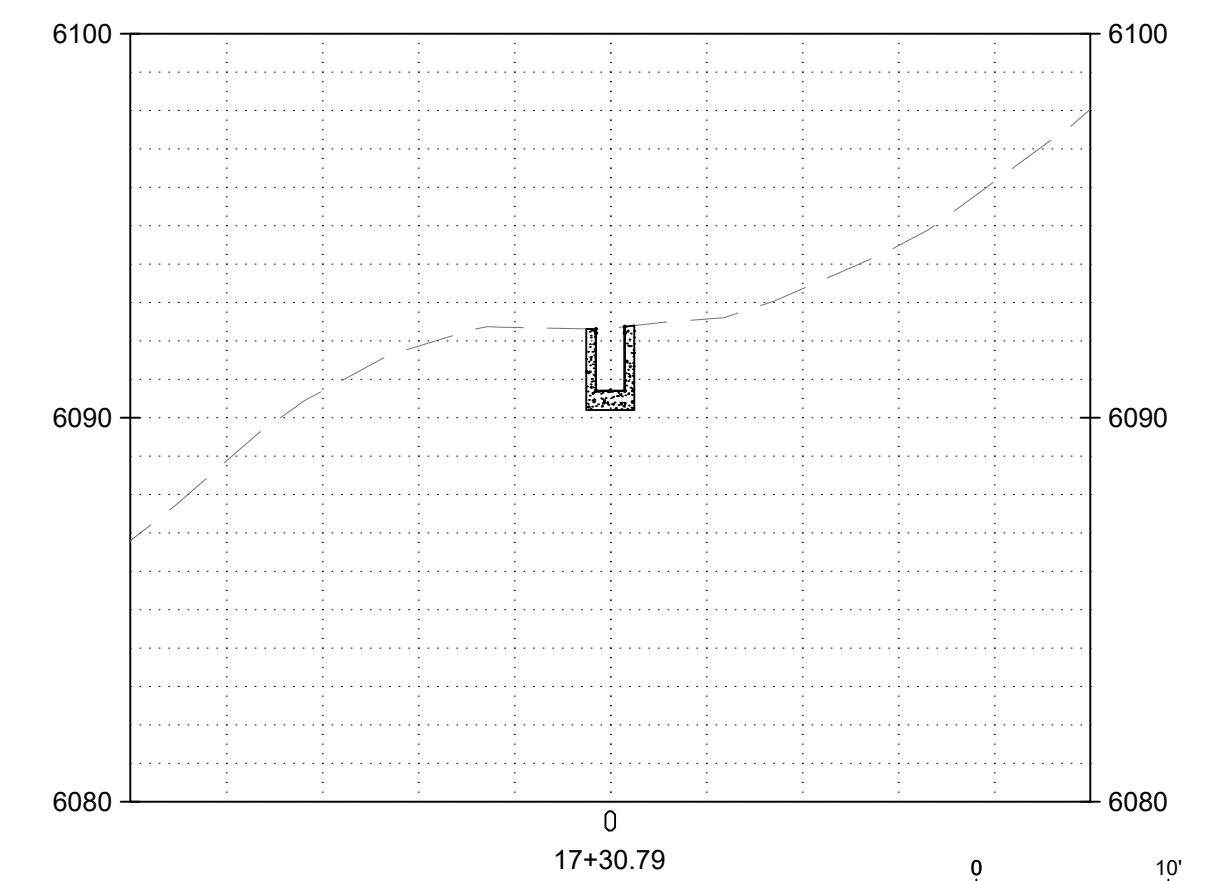
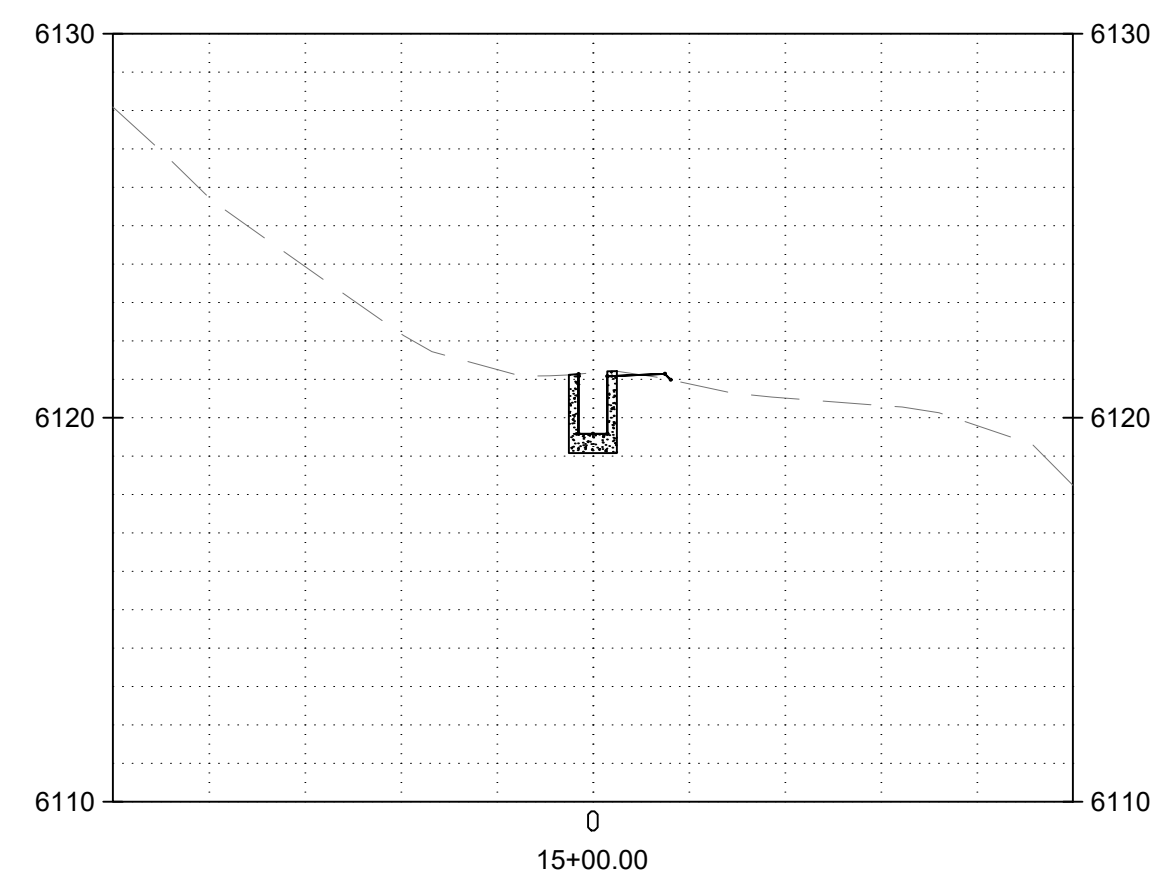
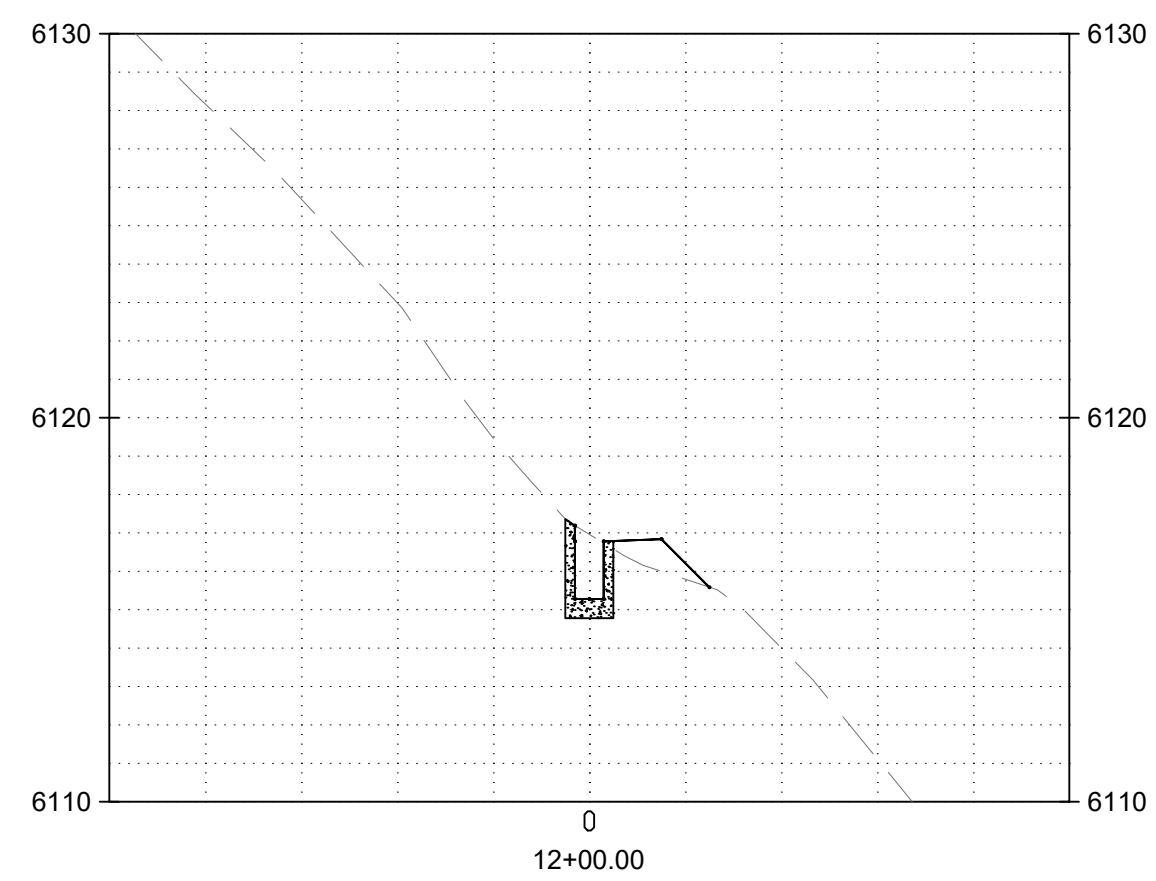
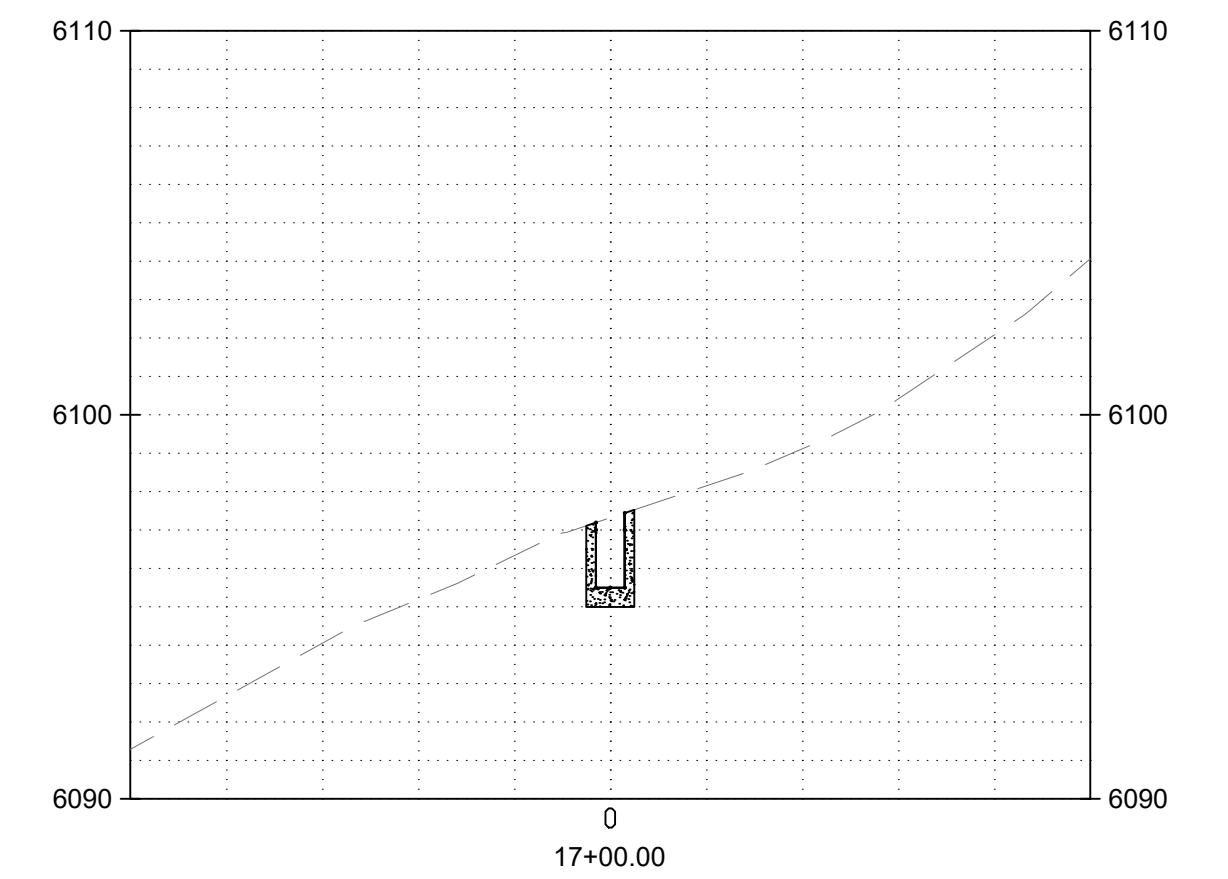
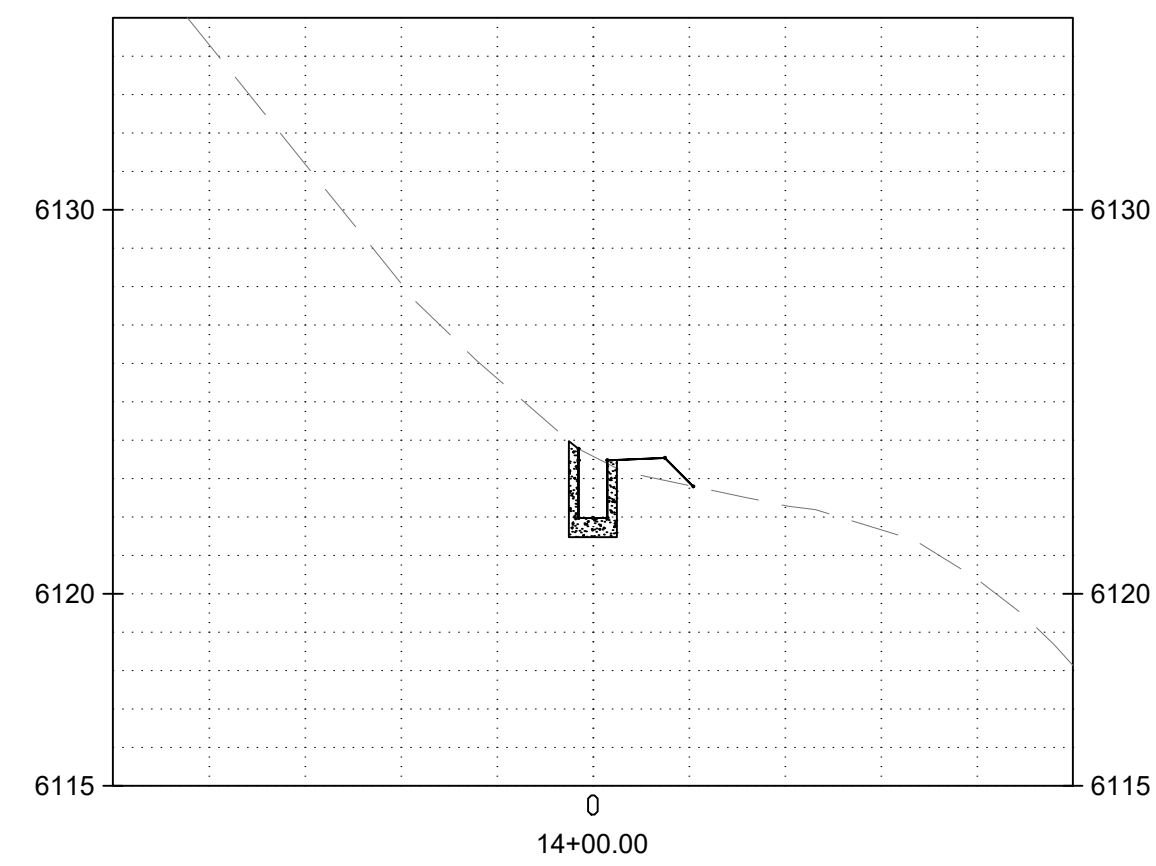
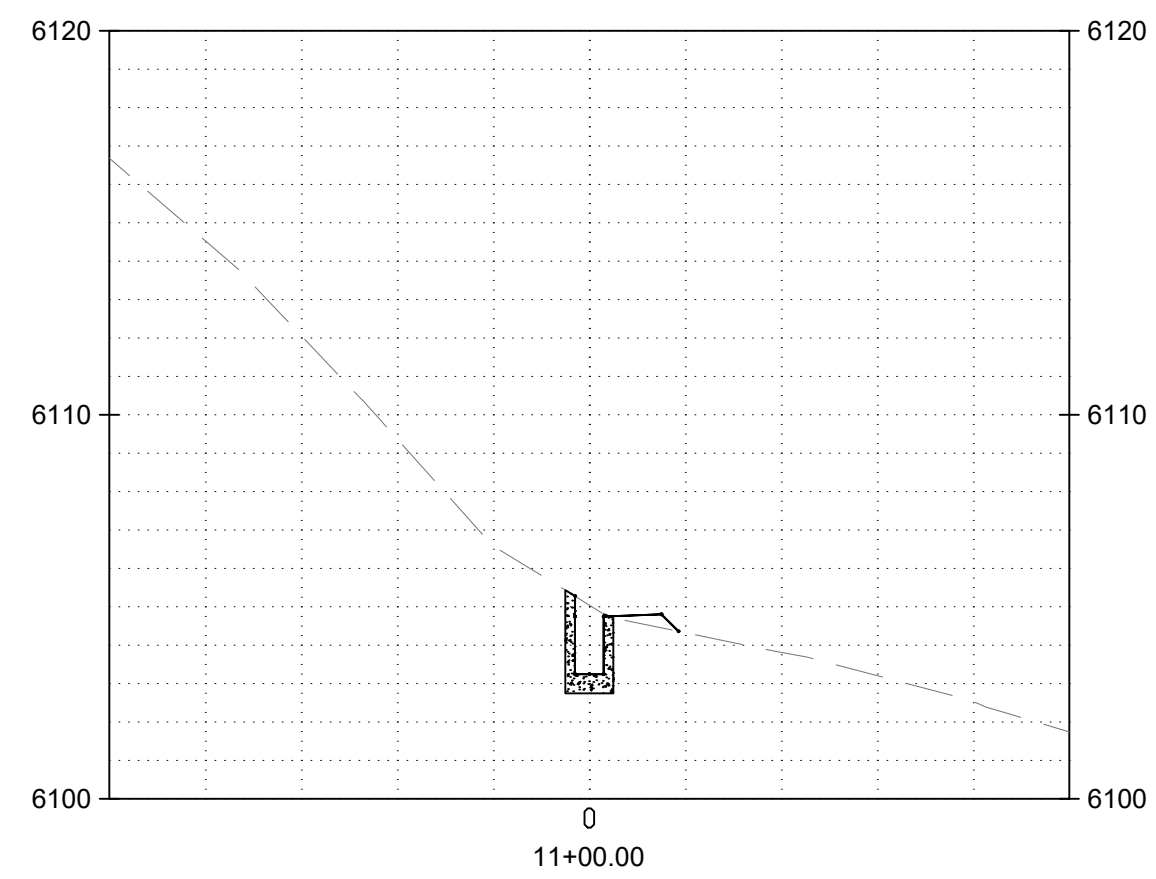
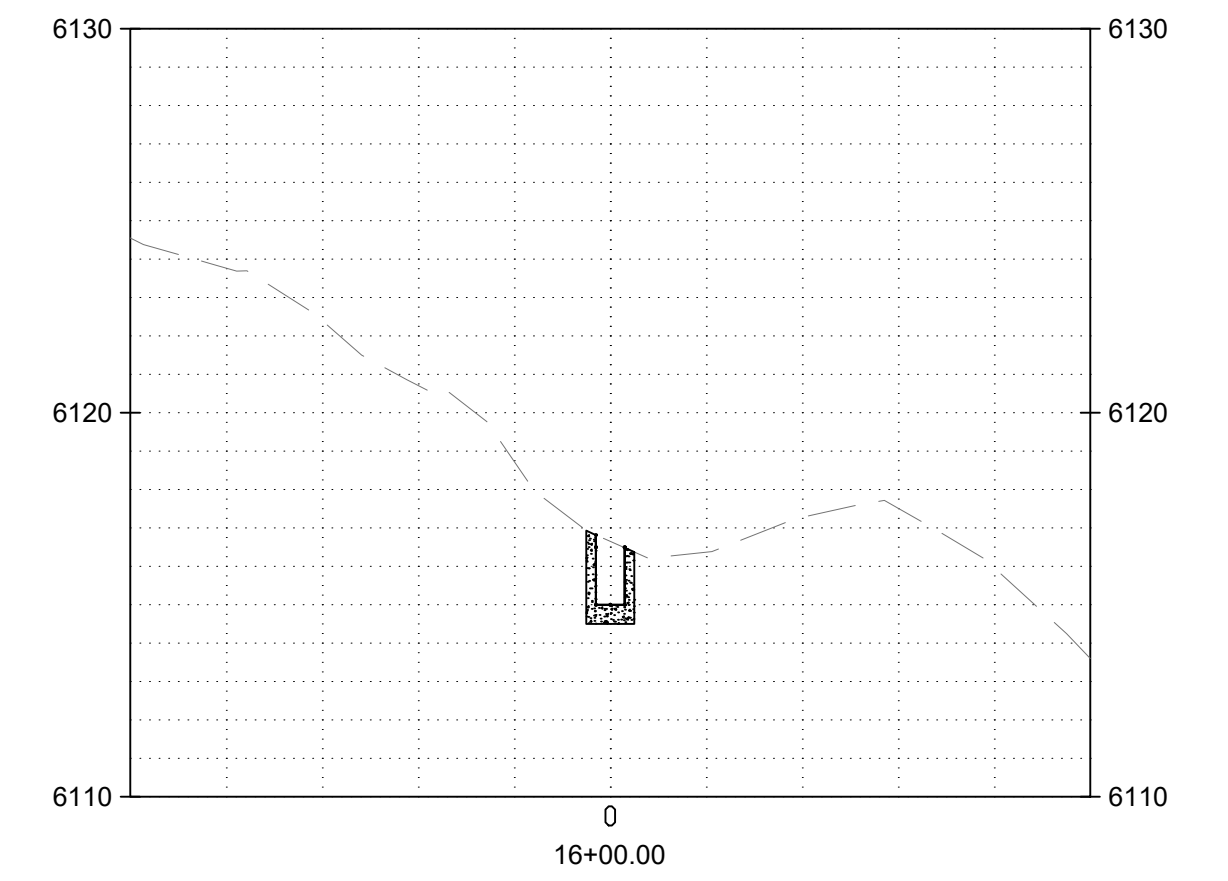
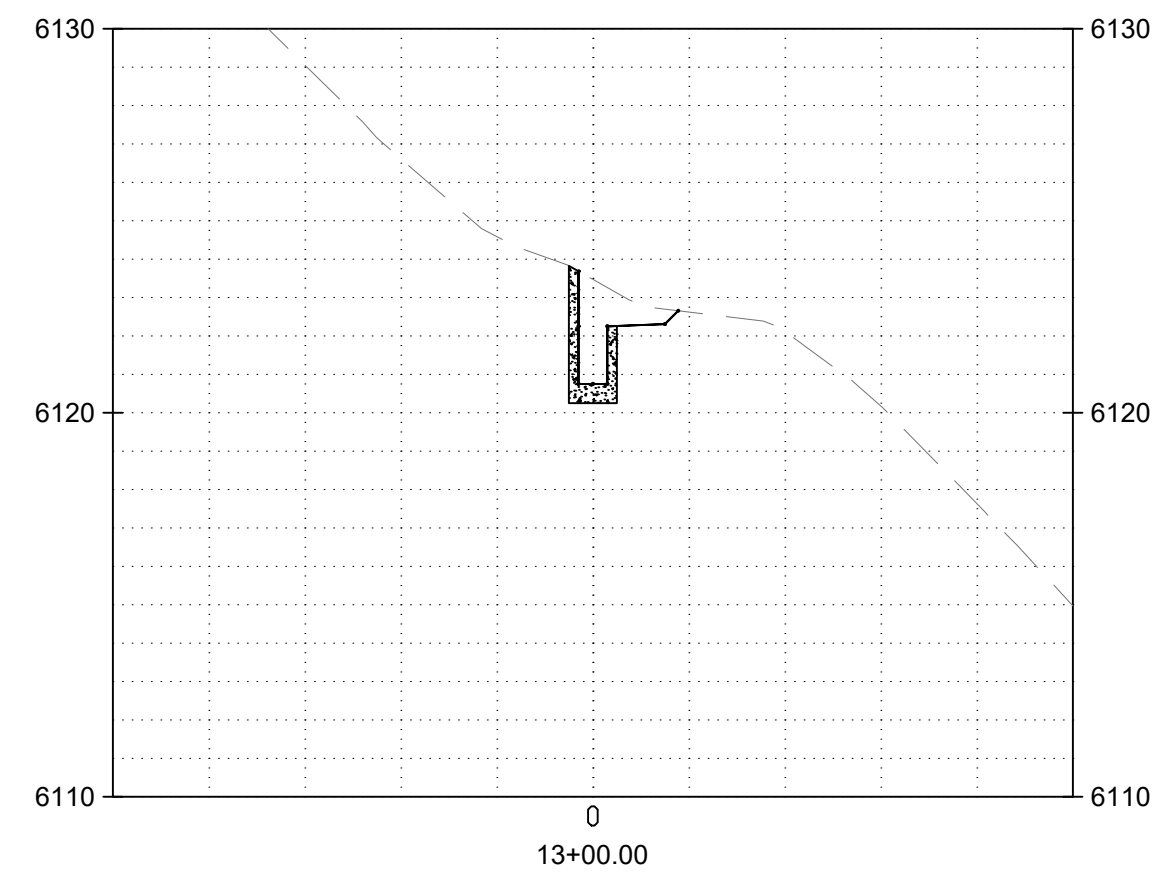
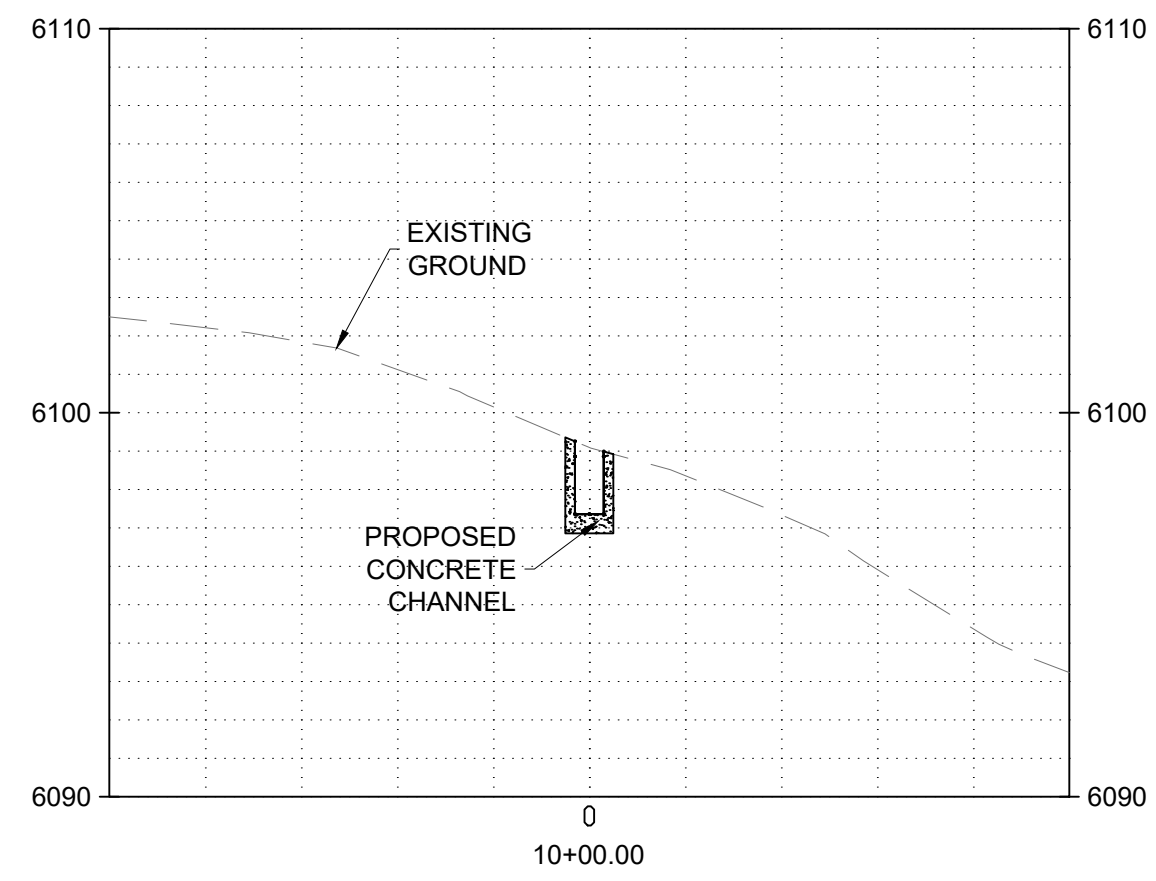
ALBUQUERQUE NEW MEXICO

CHECKED	DATE	CLIENT APPROVALS	DATE
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DES. ENG.	SLJ	10/31/24	
PROJ. ENG.	RGE	10/31/24	
PROJ. MGR.	TDB	10/31/24	
APPROVED			
APPROVED			



ICE HOUSE ROAD
ICE HOUSE LOWER INTERCEPTOR
CROSS SECTIONS

DRAWN	RW	DATE	---	DWG. NO.	C106	REV. NO.	B
SCALE		W.O. NO.	15740.001.003	SHT.	40	OF	76



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NO.	DATE	APPR	REVISION	NO.	DATE

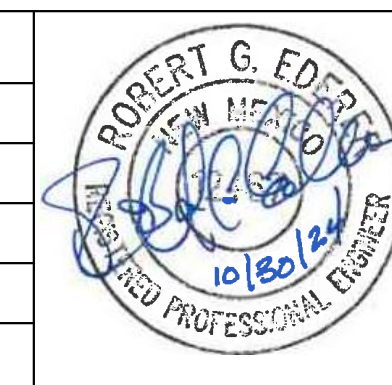
VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT

MADRID NEW MEXICO

WESTON SOLUTIONS

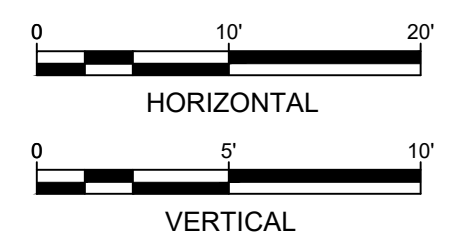
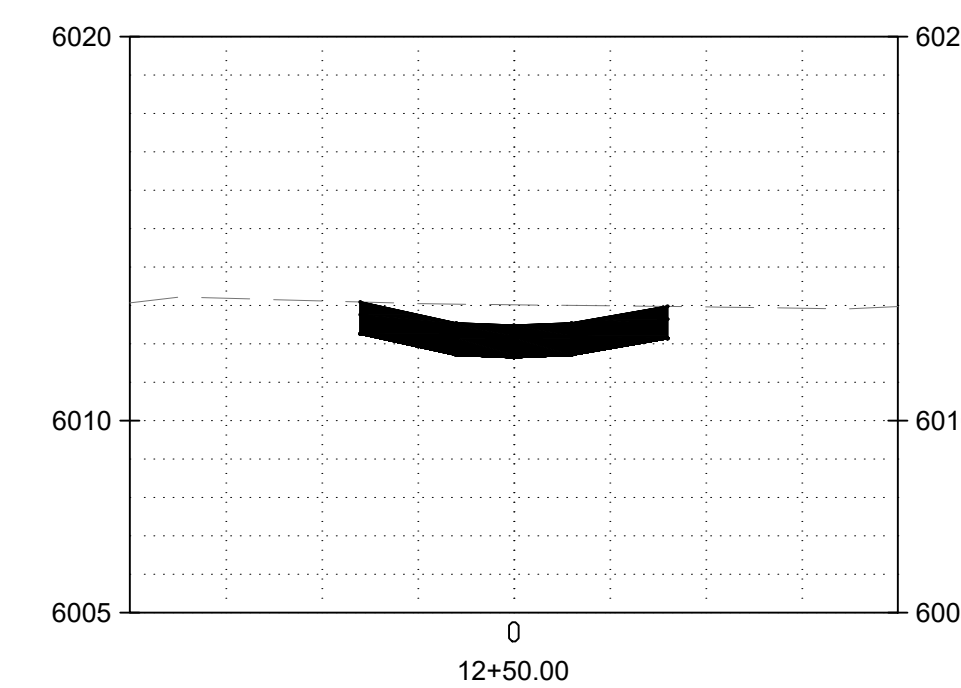
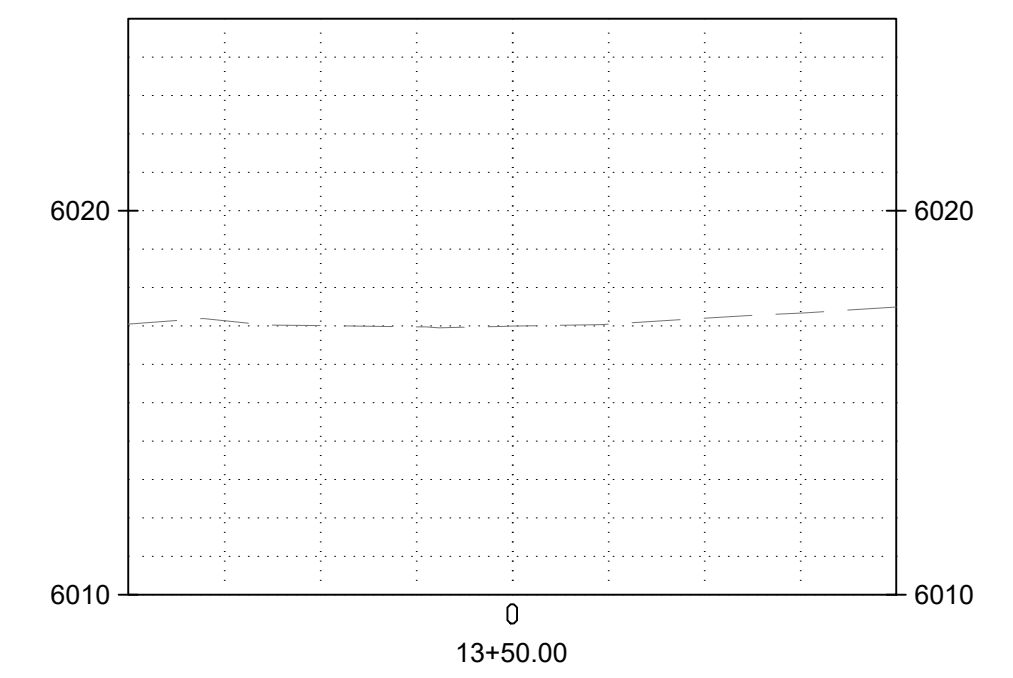
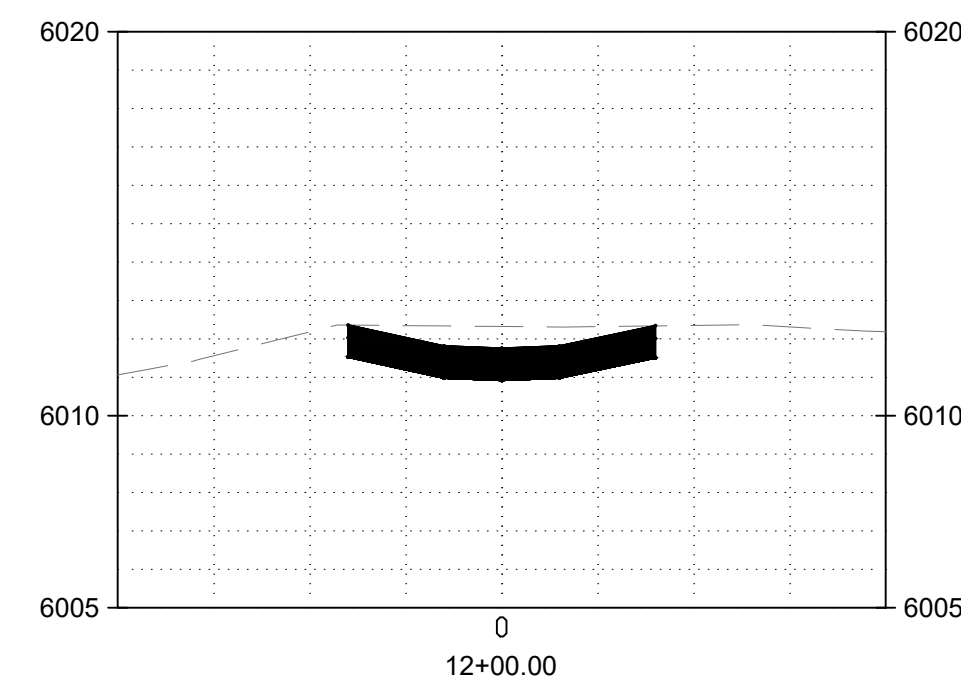
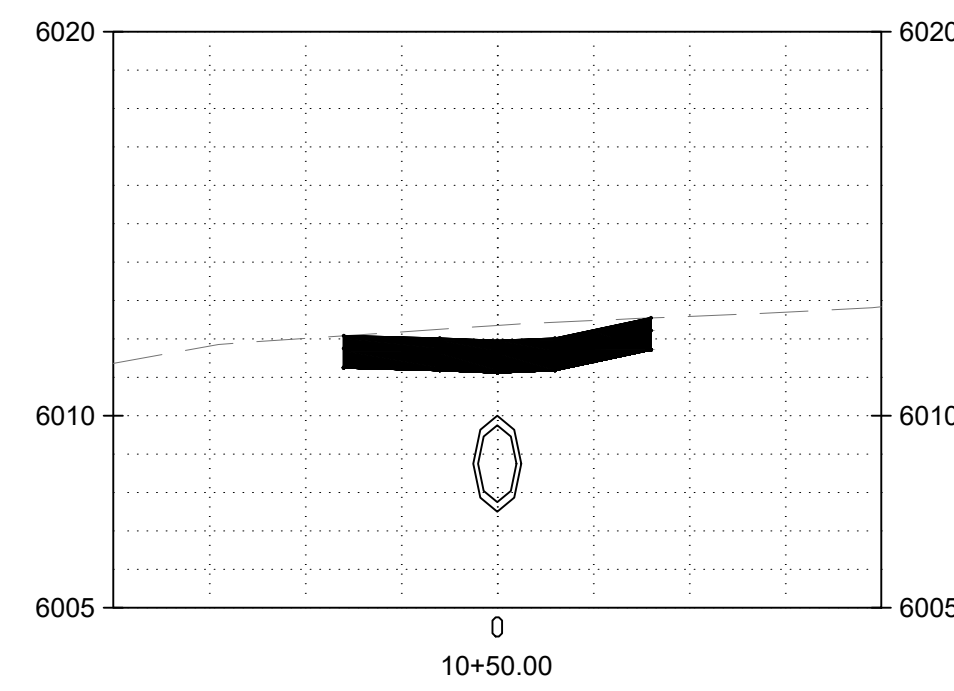
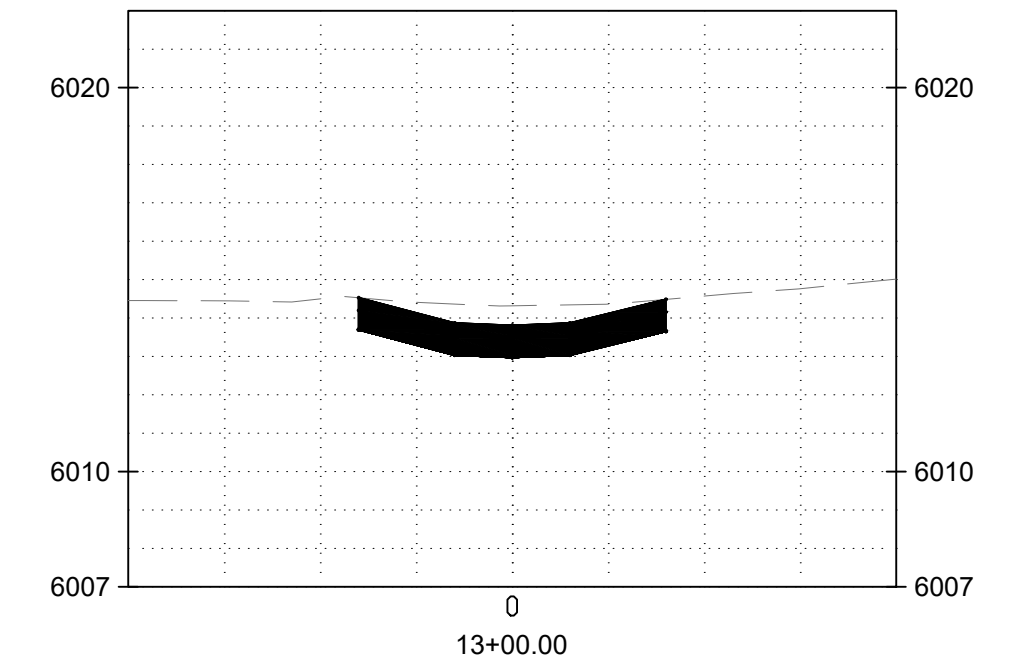
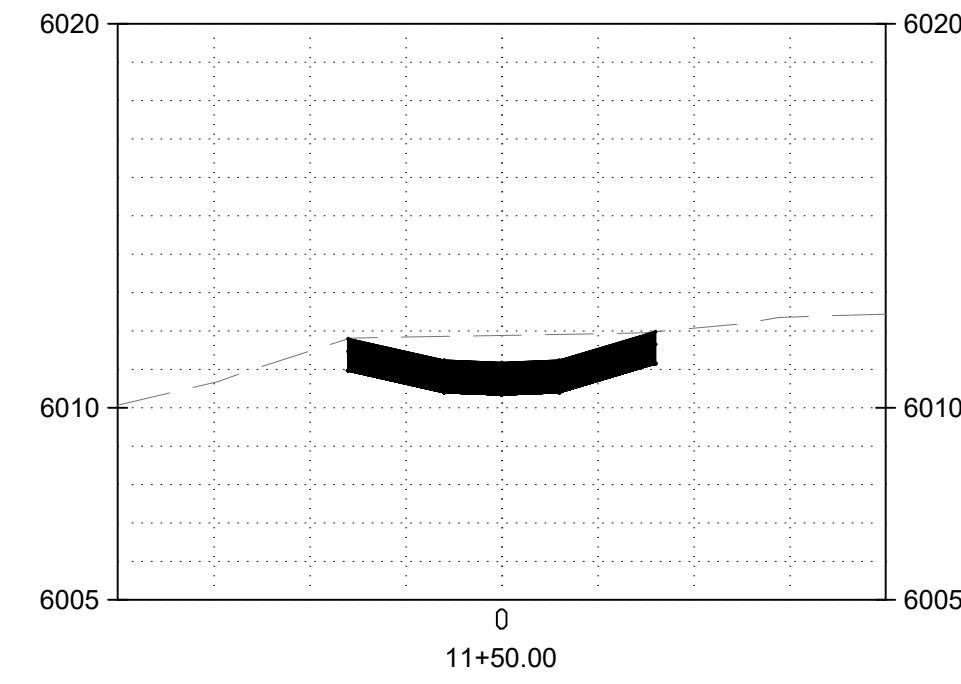
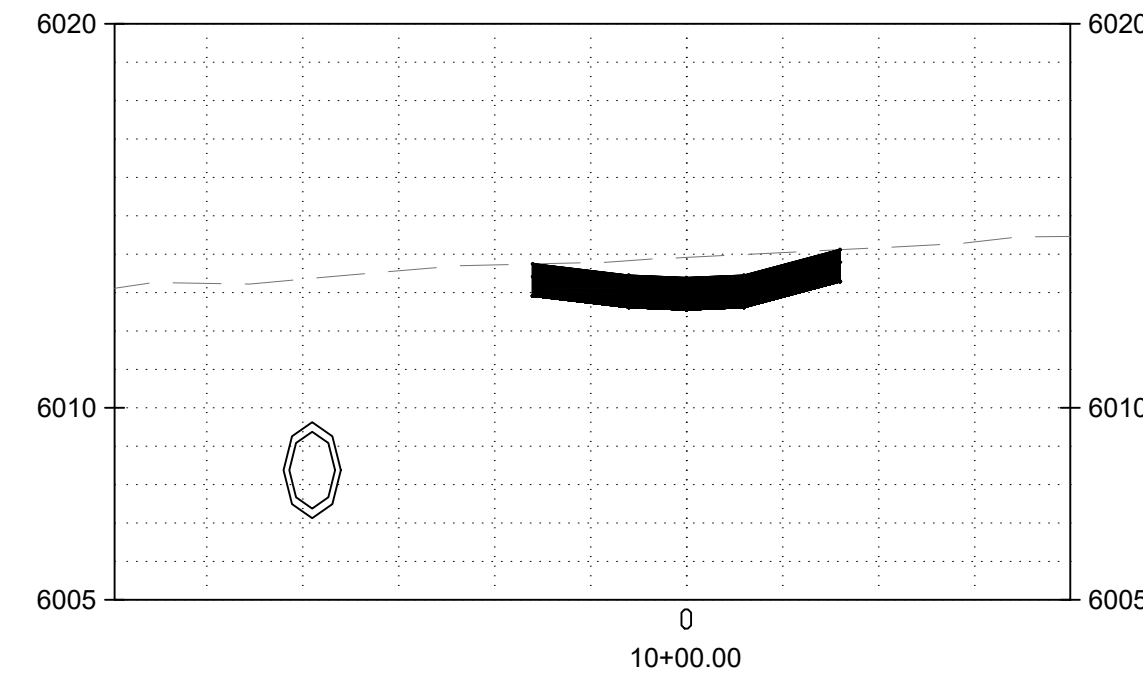
ALBUQUERQUE NEW MEXICO

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DES. ENG.	SLJ	DATE	10/31/24		
PROJ. ENG.	RGE	DATE	10/31/24		
PROJ. MGR.	TDB	DATE	10/31/24		
APPROVED					
APPROVED					



ICE HOUSE ROAD
ICE HOUSE UPPER INTERCEPTOR
CROSS SECTIONS

DRAWN	RW	DATE	---	DWG. NO.	C107	REV. NO.	B
SCALE		W.O. NO.	15740.001.003	SHT.	41	OF	76



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NO.	DATE	APPR	REVISION	NO.	DATE	APPR	REVISION

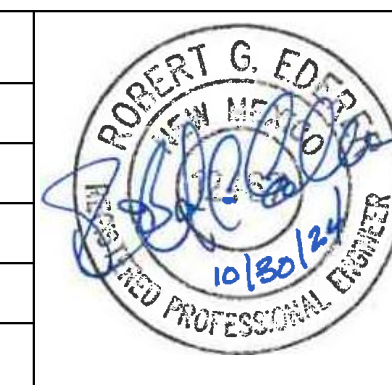
**VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT**

MADRID NEW MEXICO

WESTON SOLUTIONS

ALBUQUERQUE NEW MEXICO

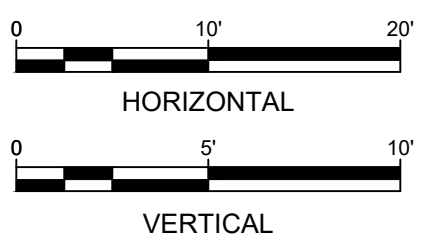
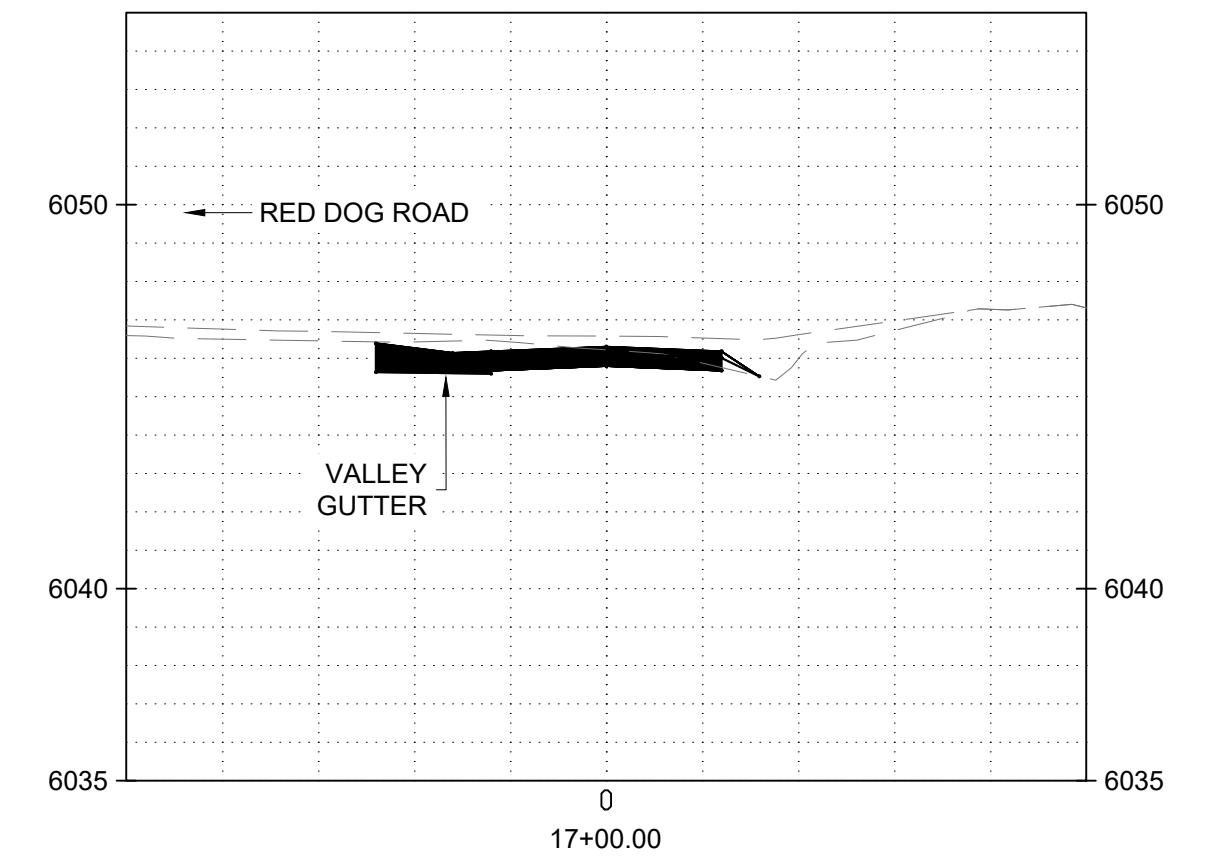
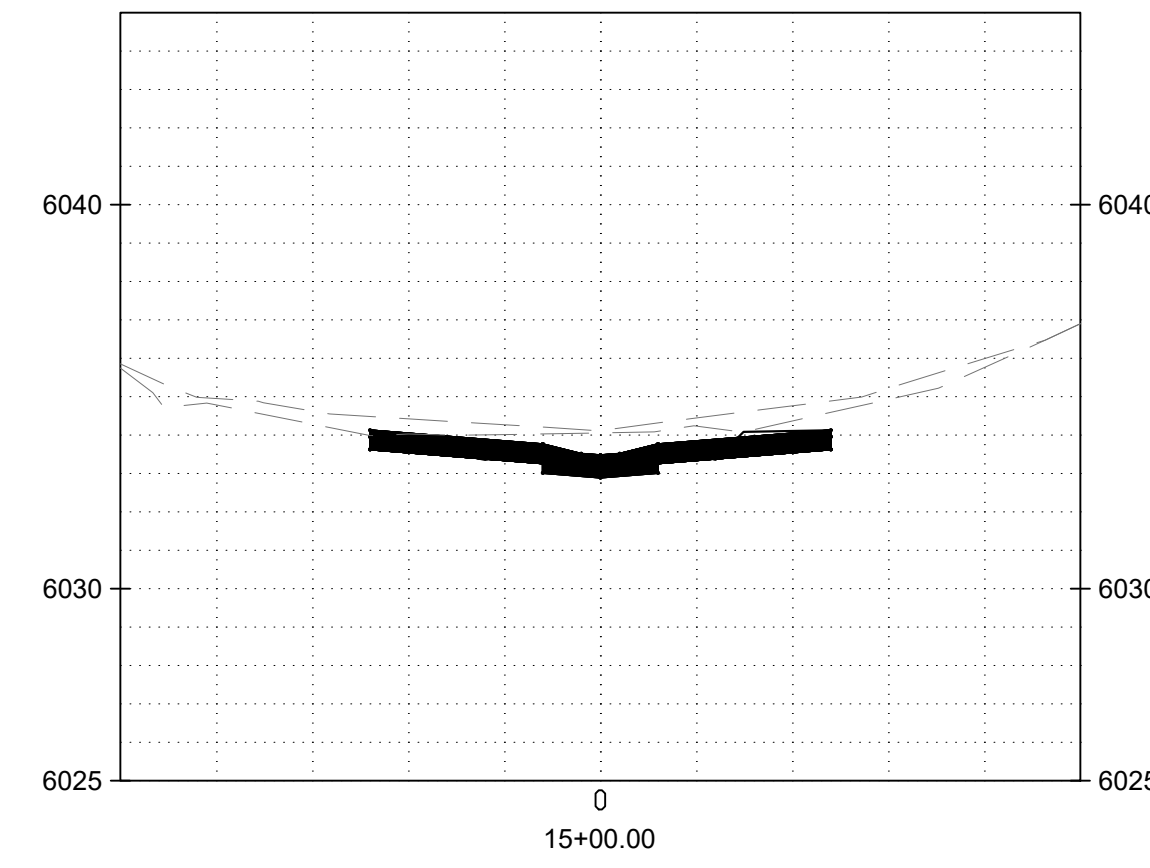
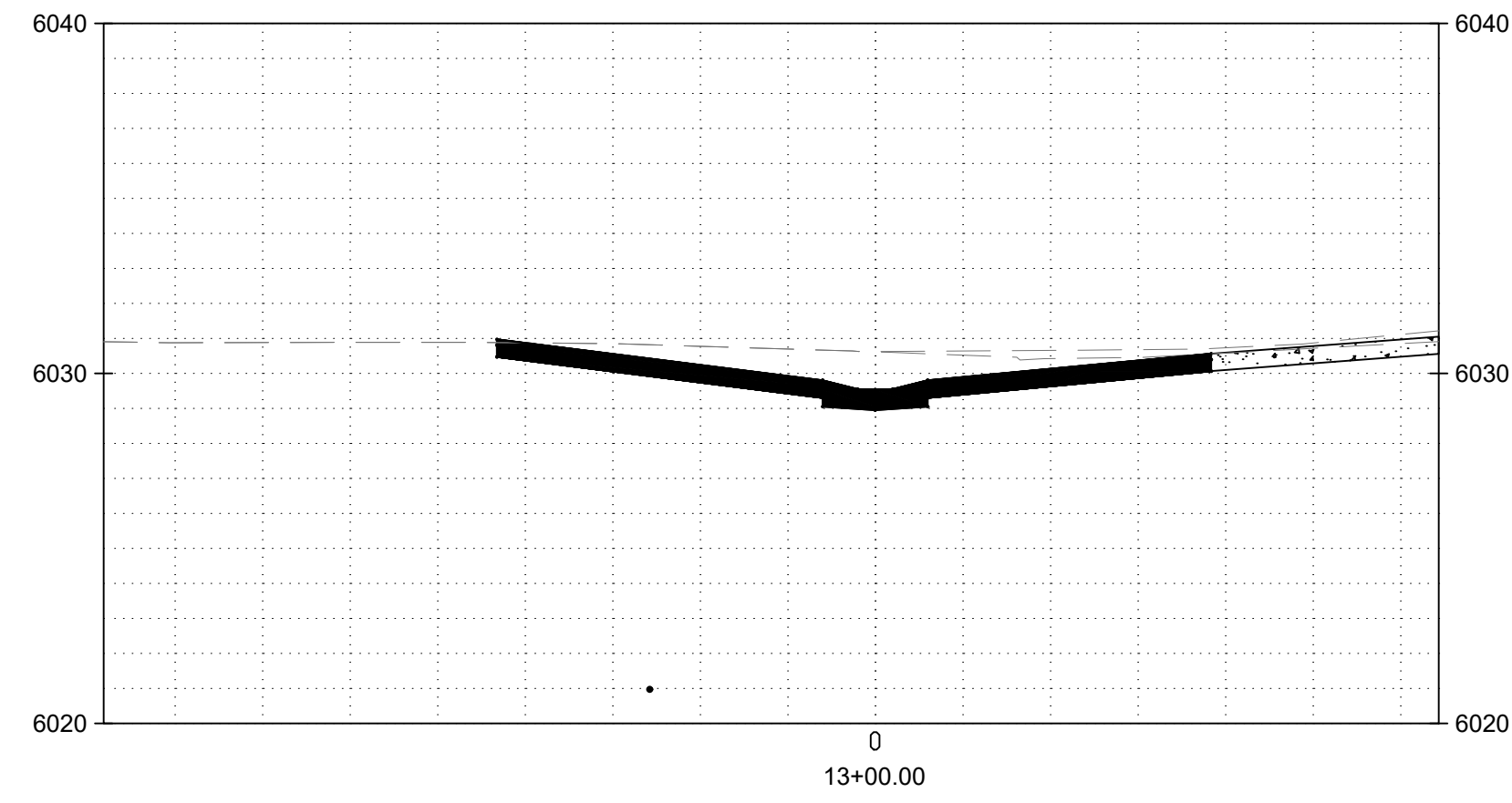
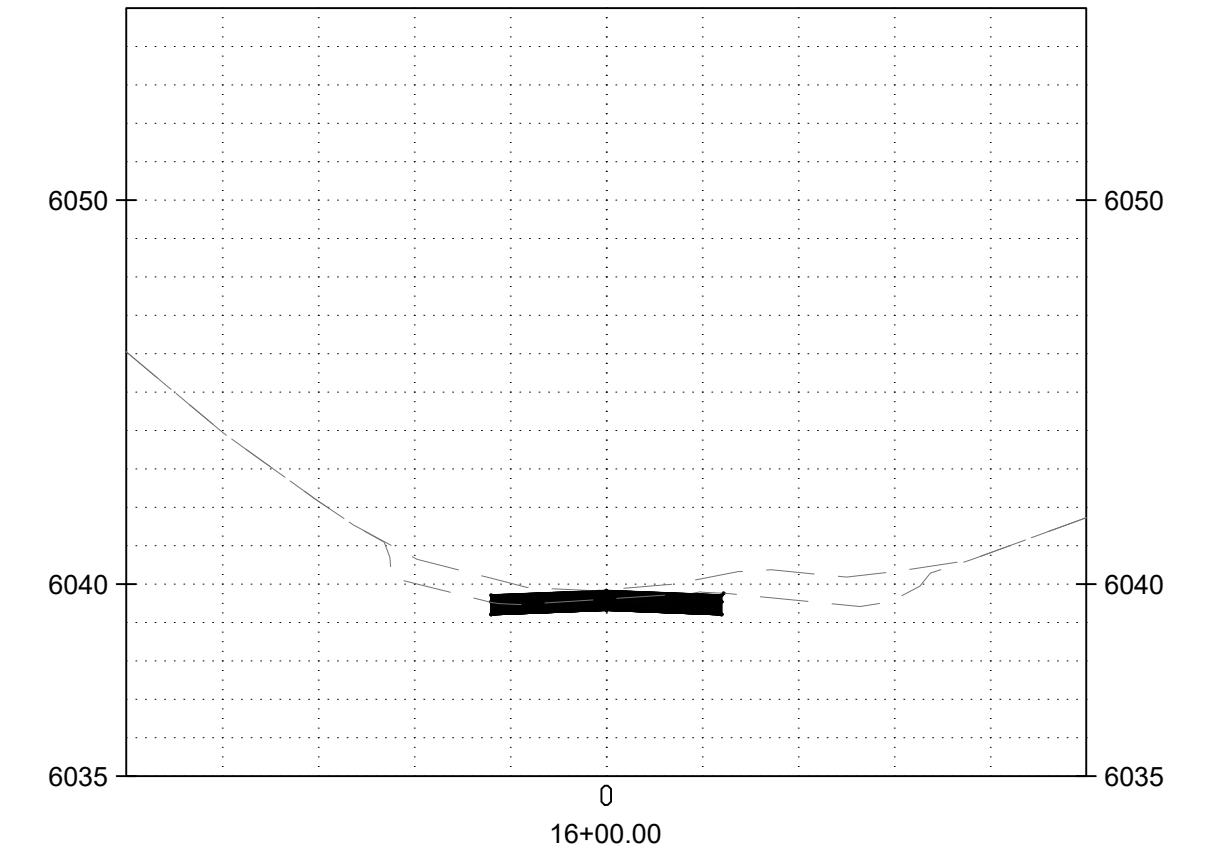
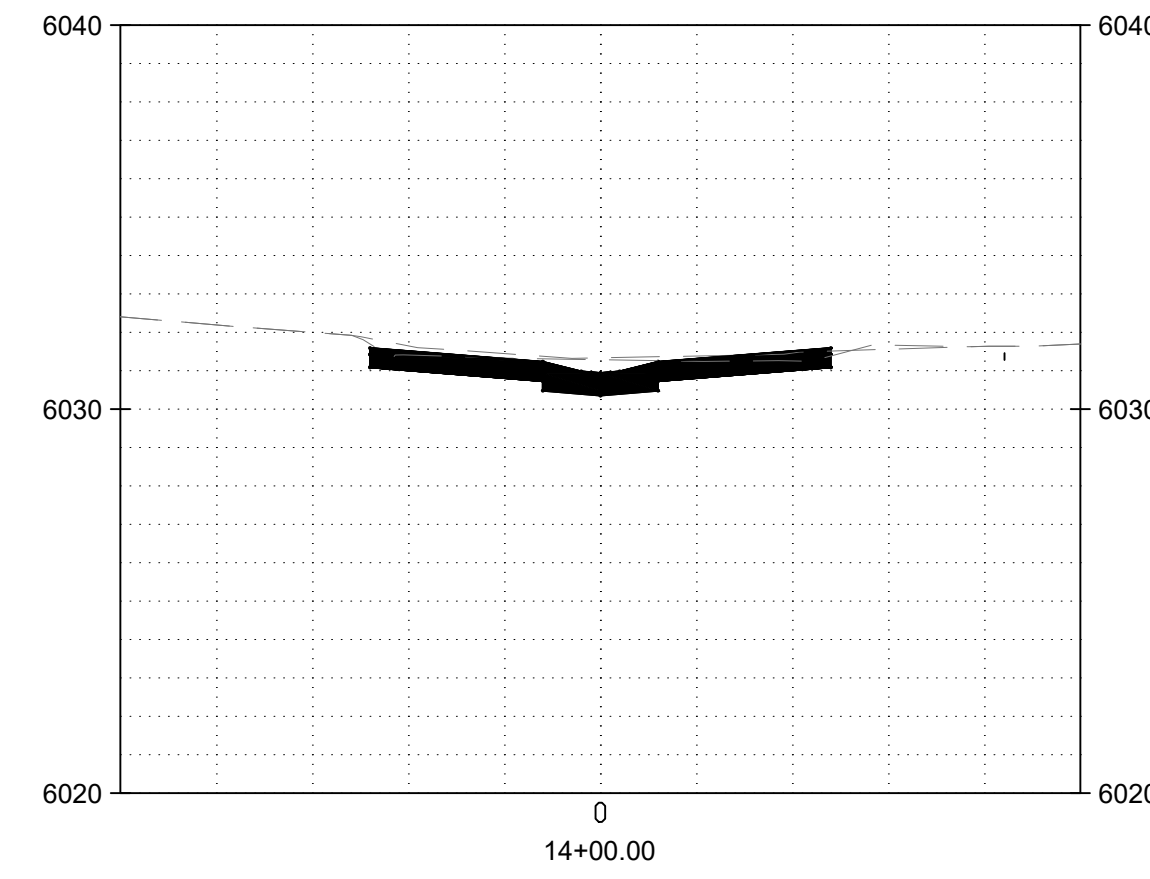
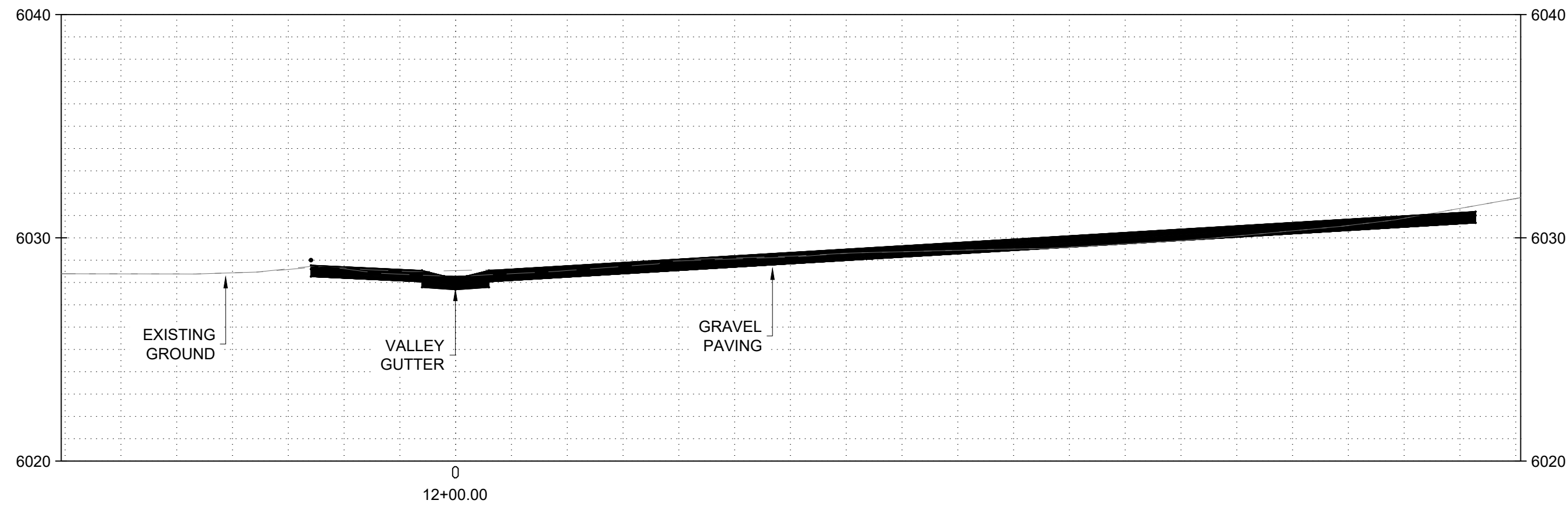
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PROJ. MGR.	TDB	DATE	10/31/24		
APPROVED					
APPROVED					



**ICE HOUSE ROAD
BRIDGE ROAD
CROSS SECTIONS**

DRAWN	RW	DATE	---	DWG. NO.	C108	REV. NO.	B
SCALE		W.O. NO.	15740.001.003	SHT.	42	OF	76

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NO.	DATE	APPR.	REVISION	NO.	DATE	APPR.	REVISION

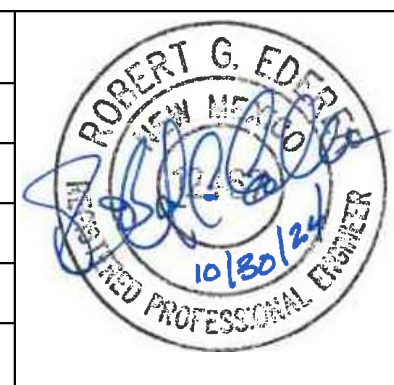
VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT

MADRID NEW MEXICO

WESTON SOLUTIONS

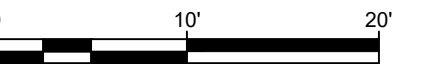
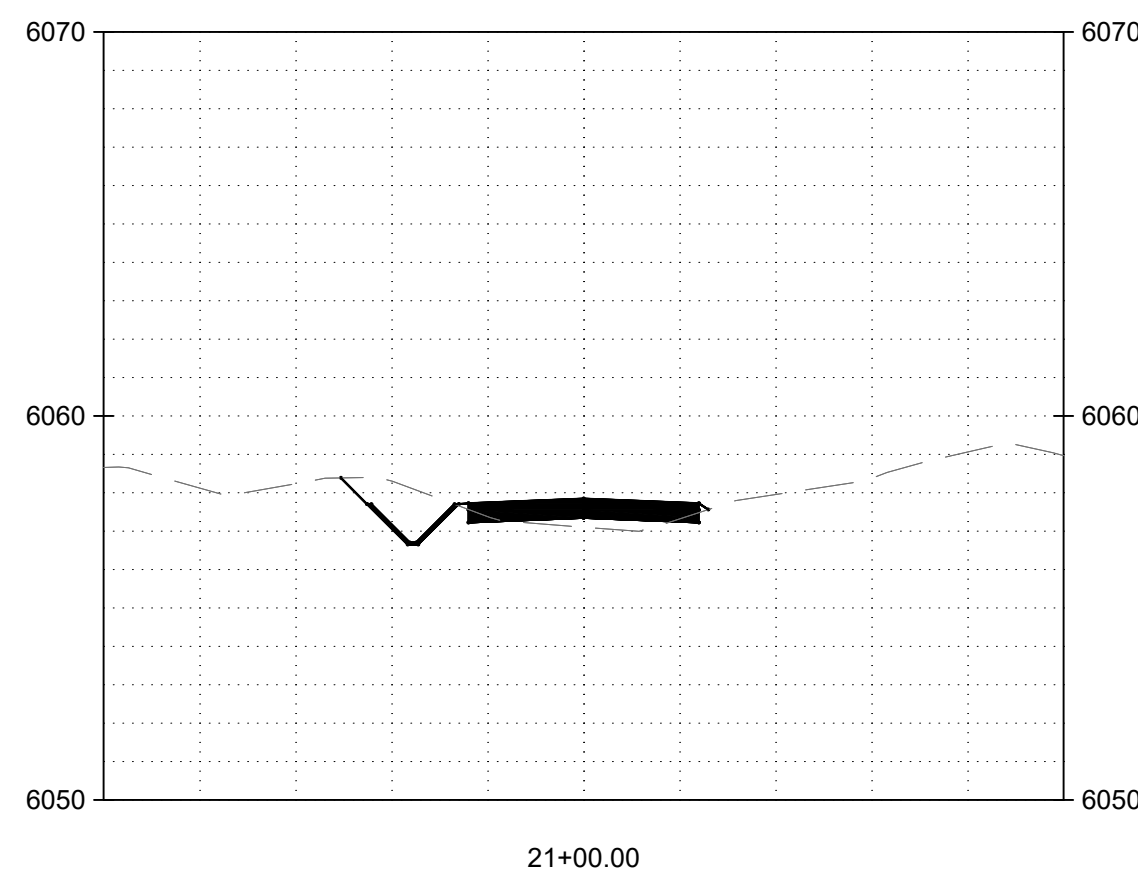
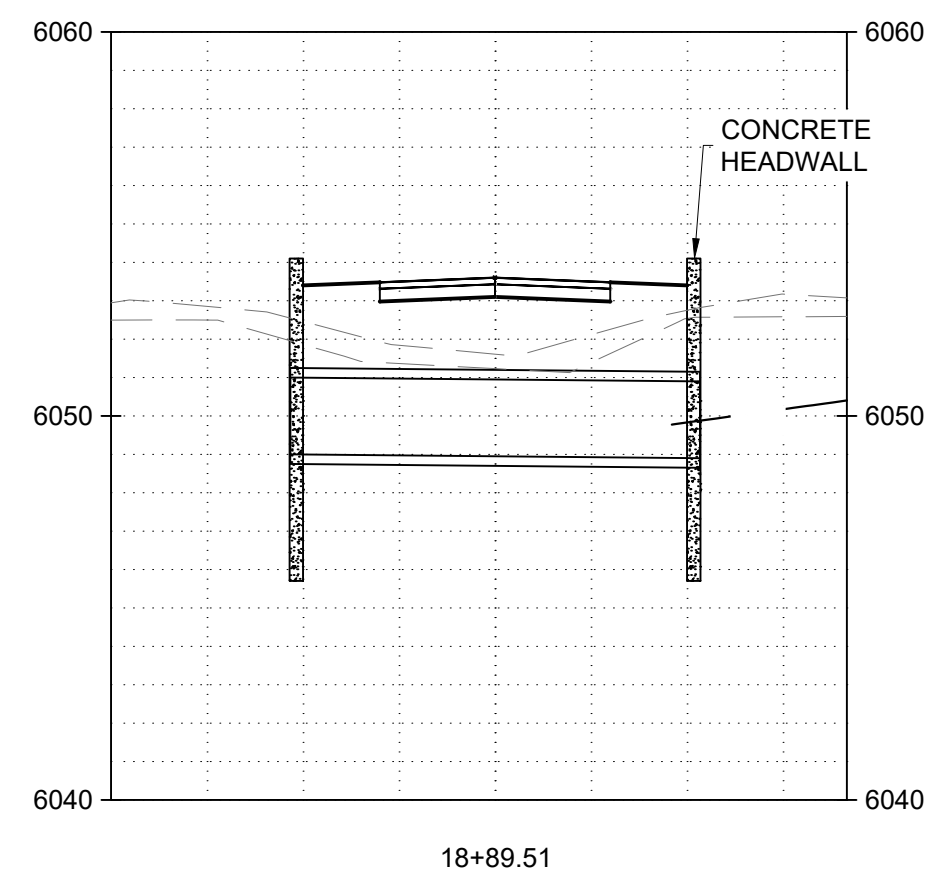
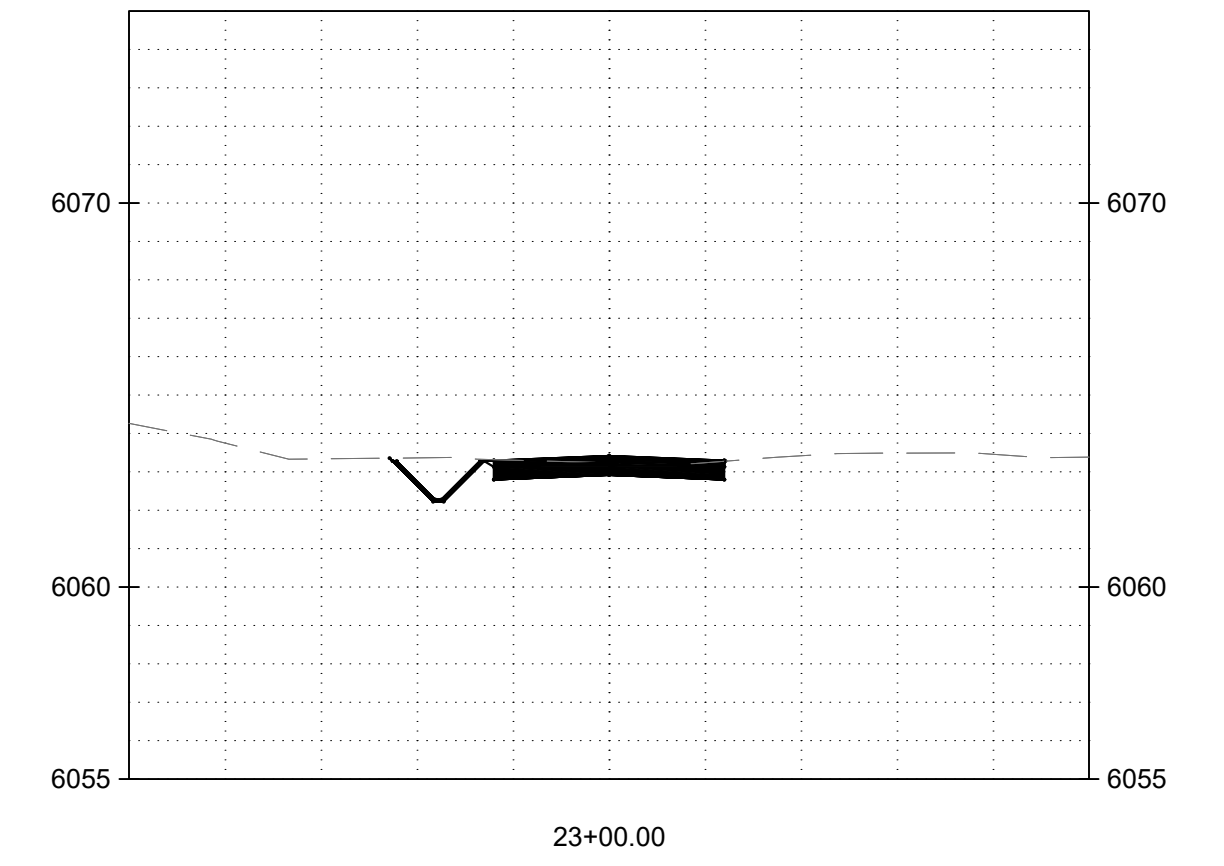
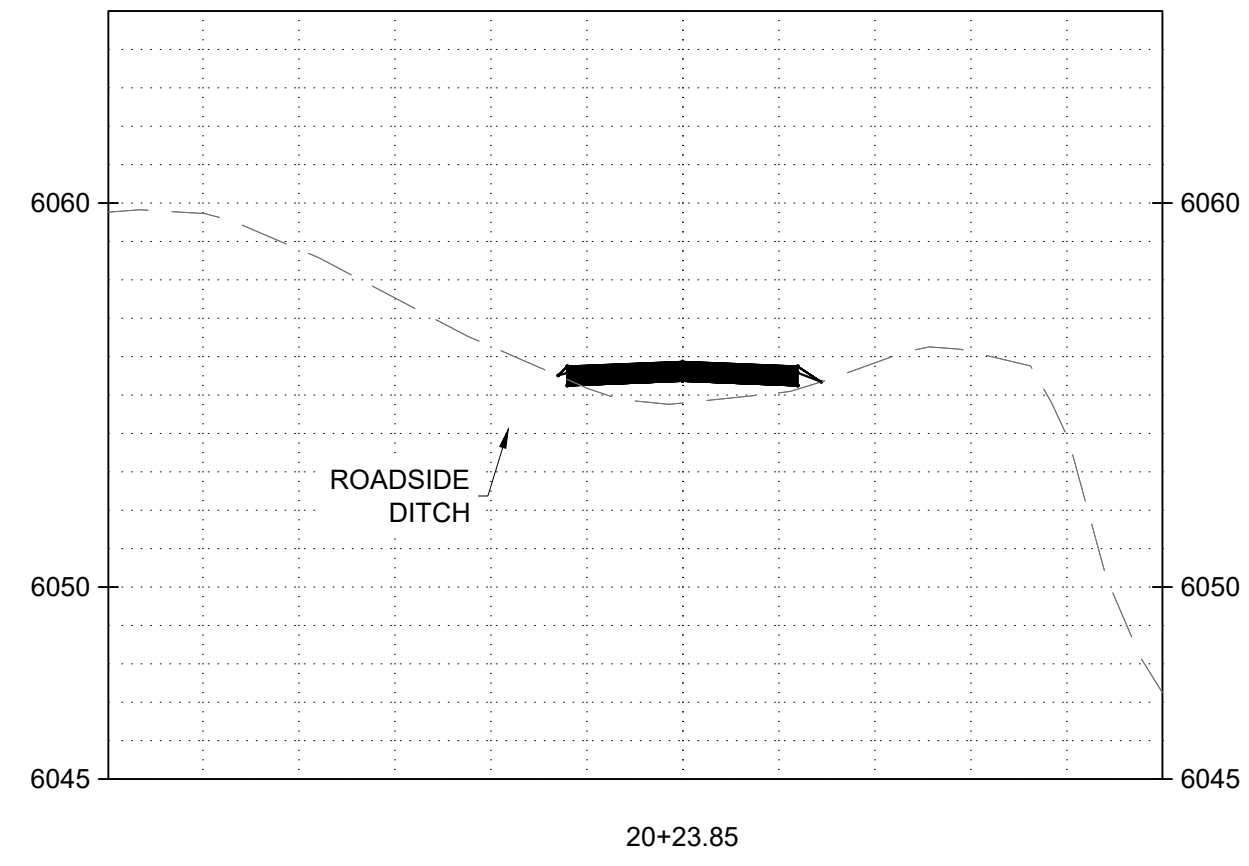
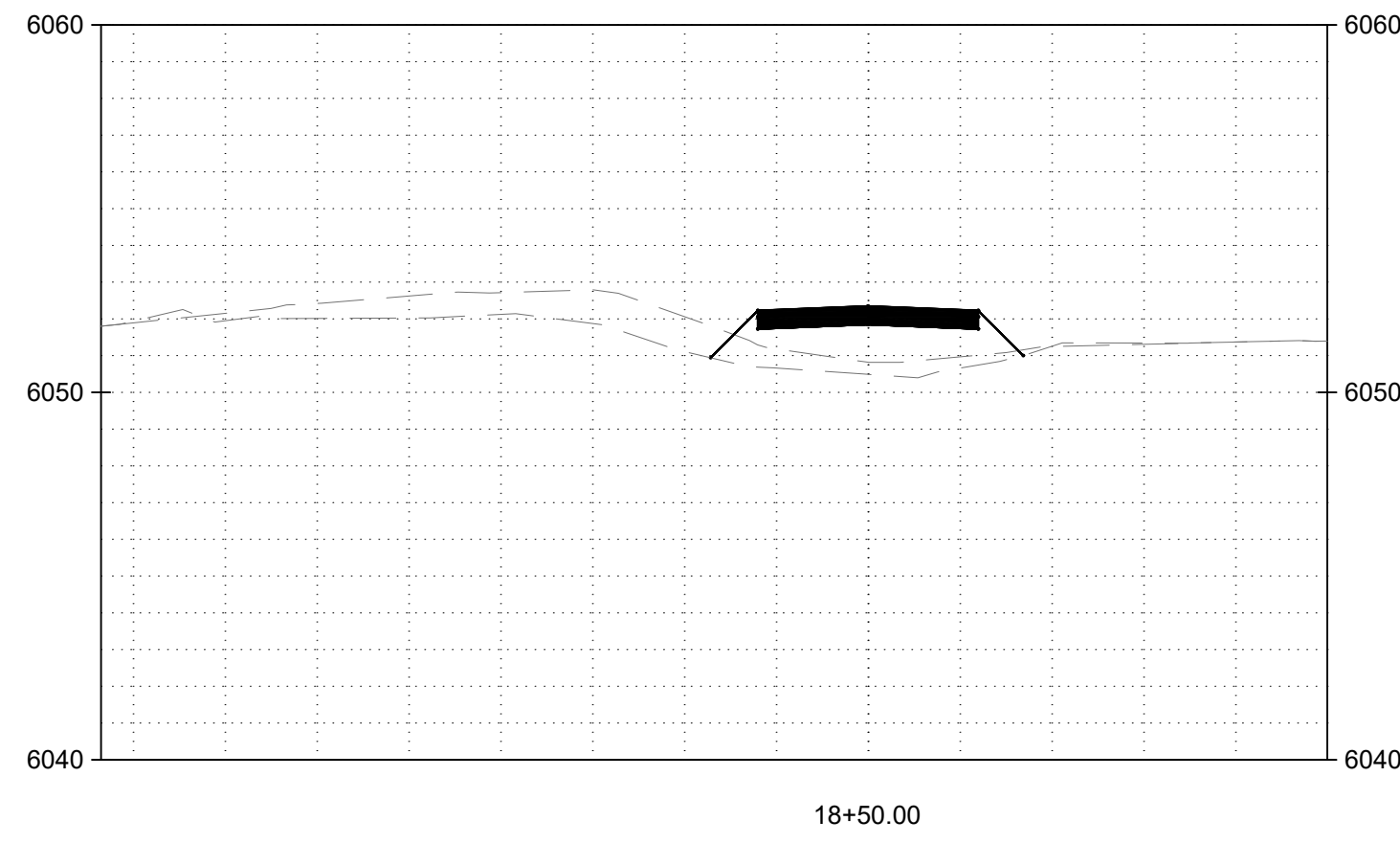
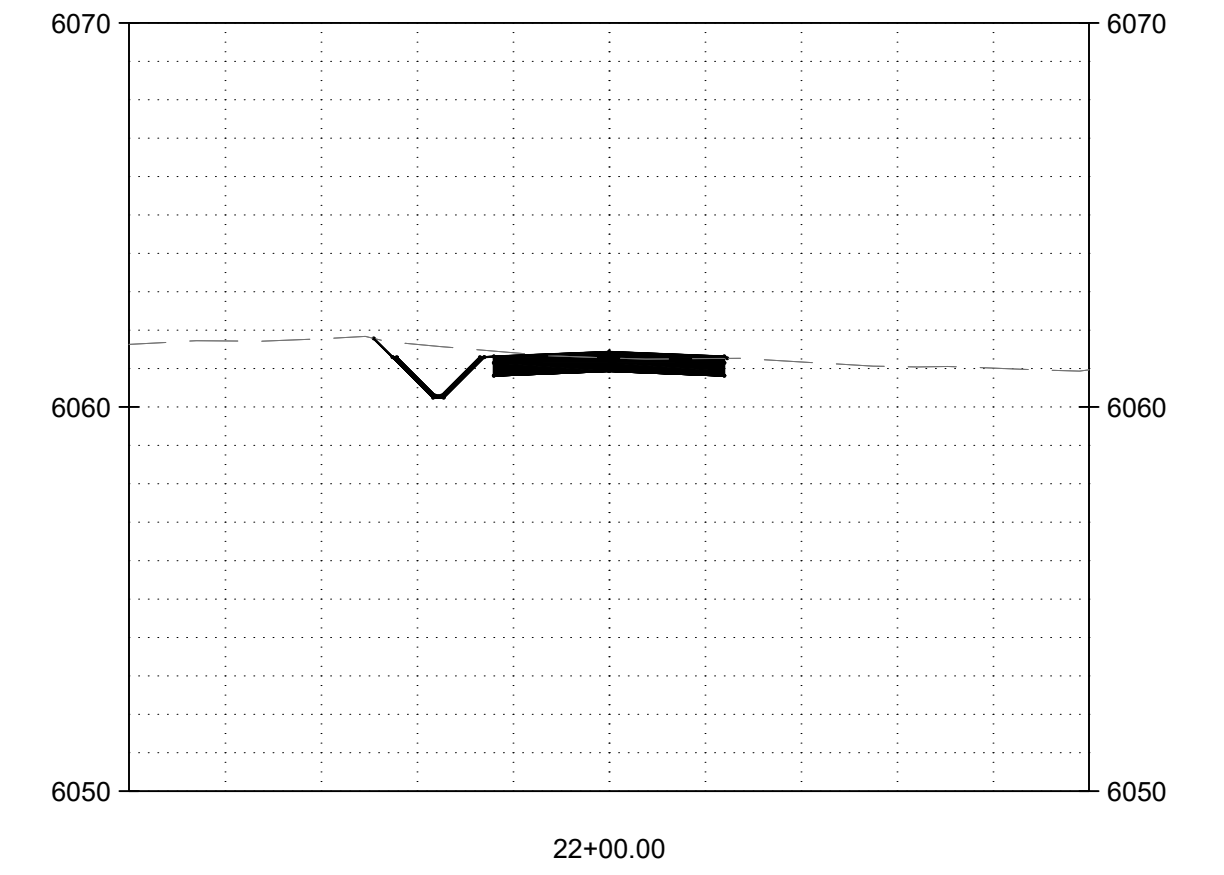
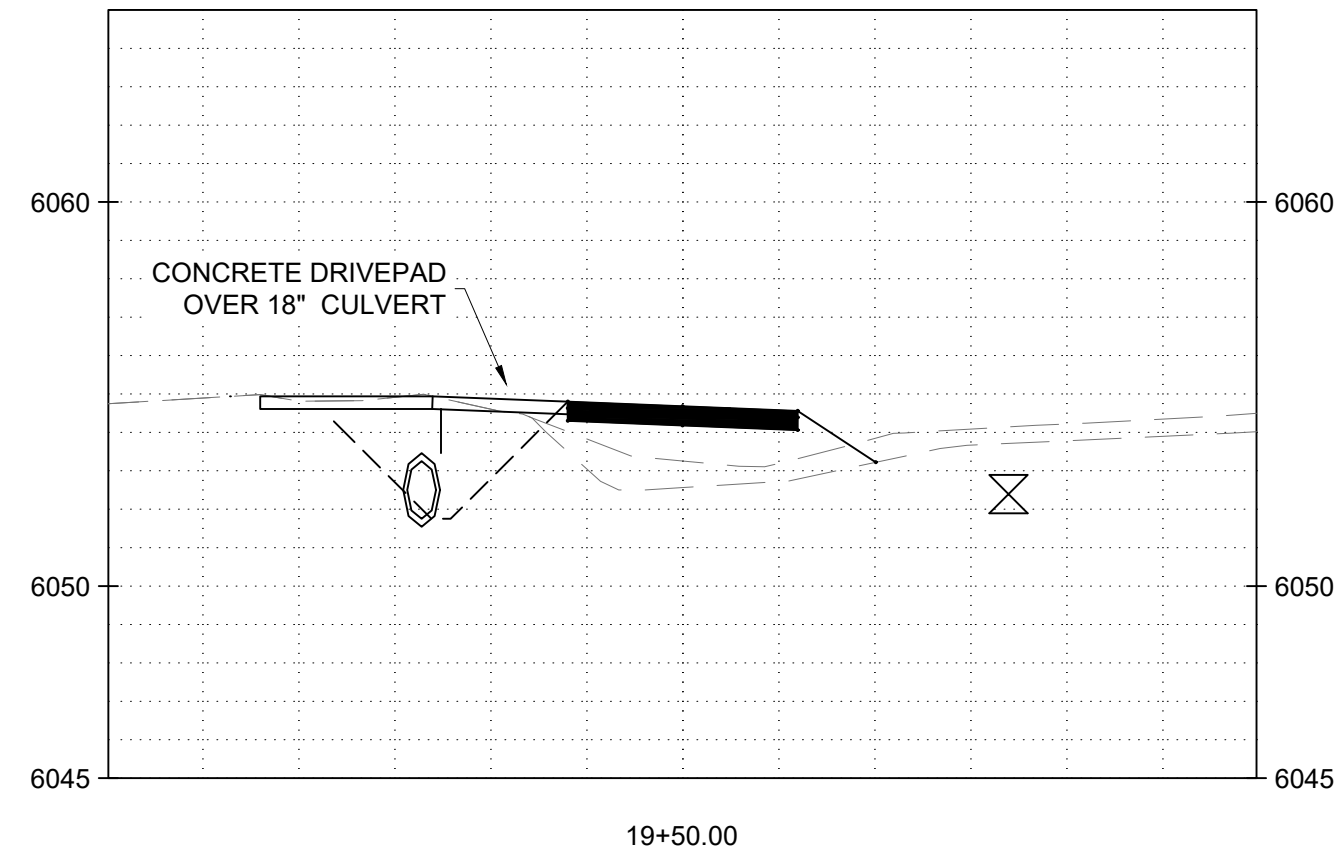
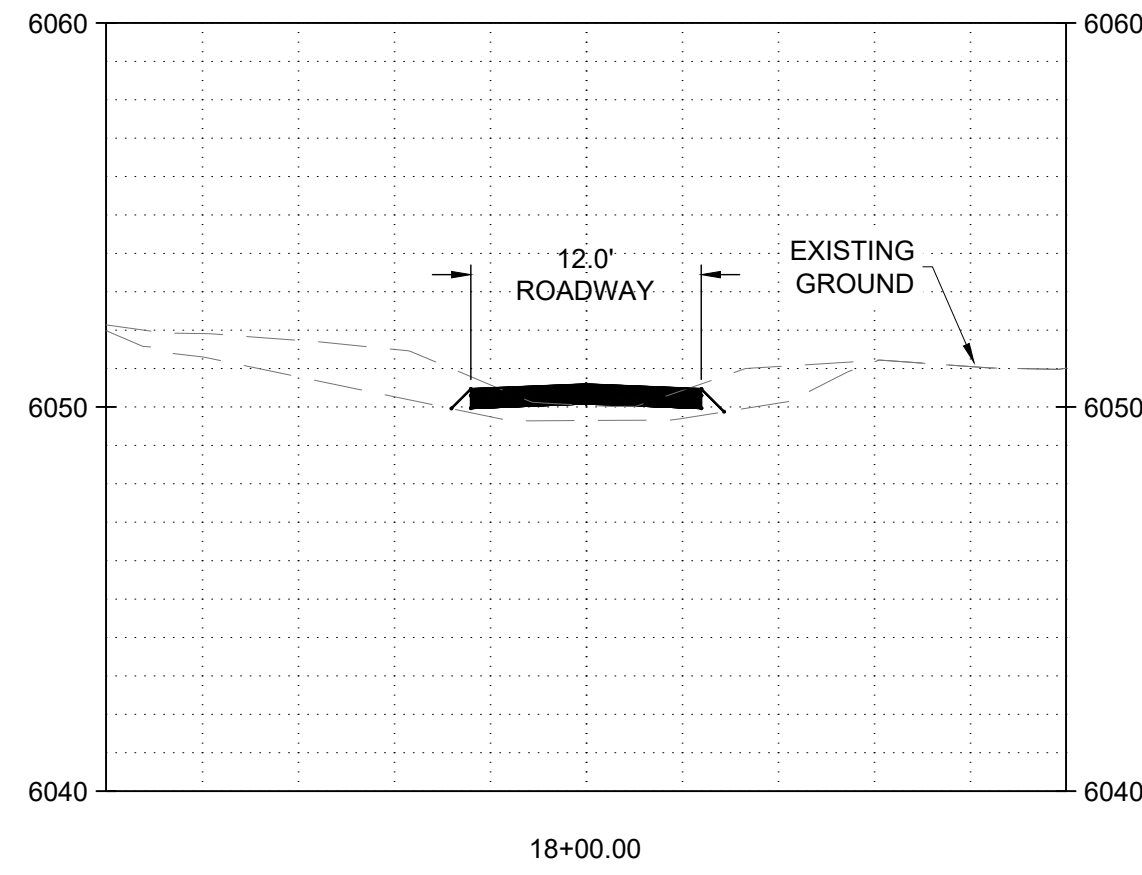
ALBUQUERQUE NEW MEXICO

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PROJ. MGR.	TDB	10/31/24			
APPROVED					
APPROVED					



FIREHOUSE LANE AREA
FIREHOUSE LANE
CROSS SECTIONS (1 OF 2)

DRAWN	RW	DATE	---	DWG. NO.	C109	REV. NO.	B
SCALE		W.O. NO.	15740.001.003	SHT.	43	OF	76



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NO.	DATE	APPR	REVISION	NO.	DATE	APPR	REVISION

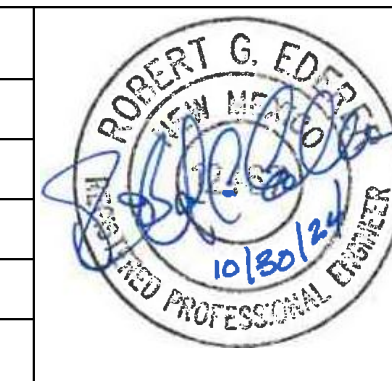
VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT

MADRID NEW MEXICO

WESTON SOLUTIONS

ALBUQUERQUE NEW MEXICO

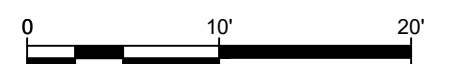
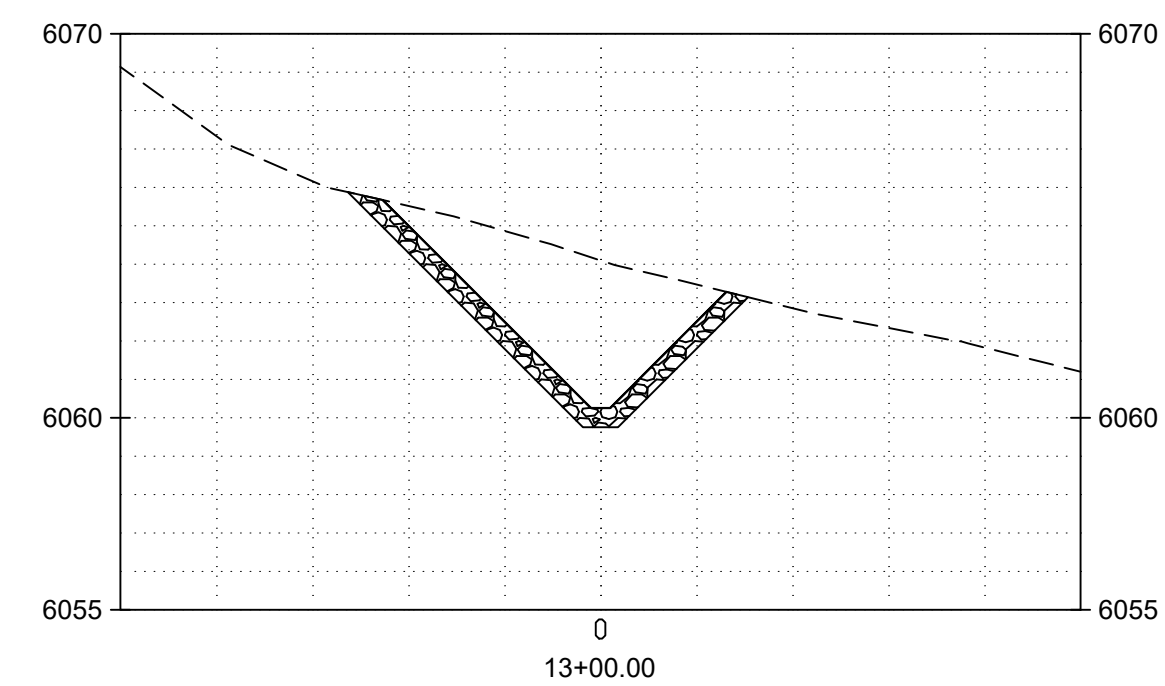
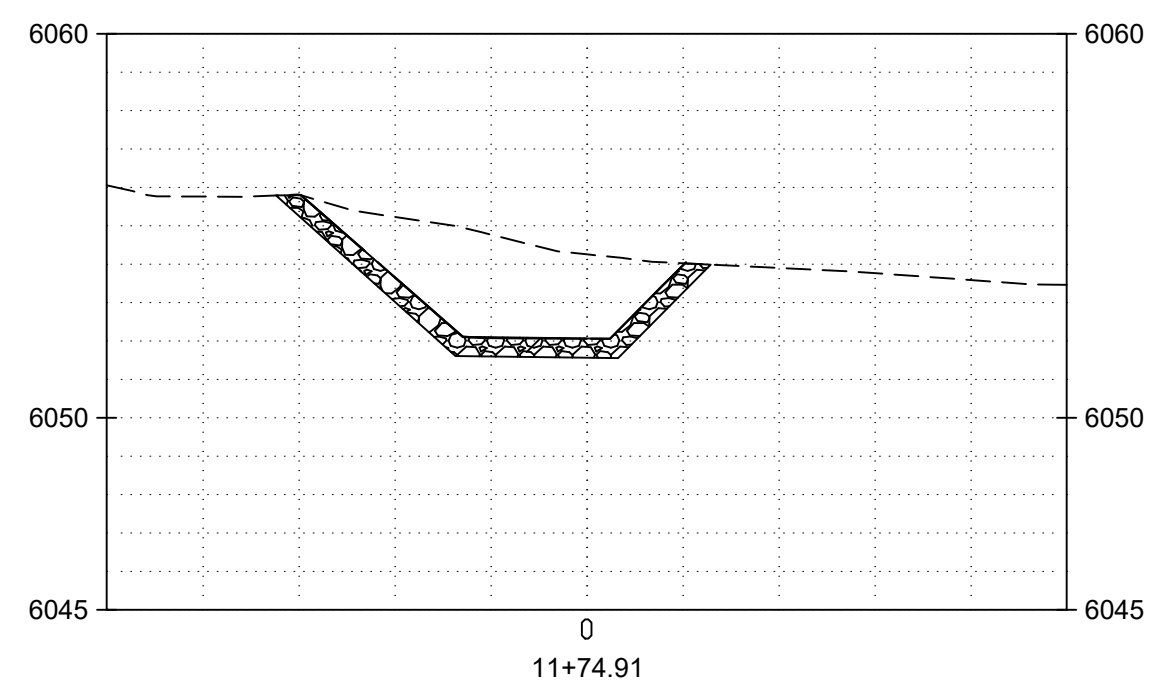
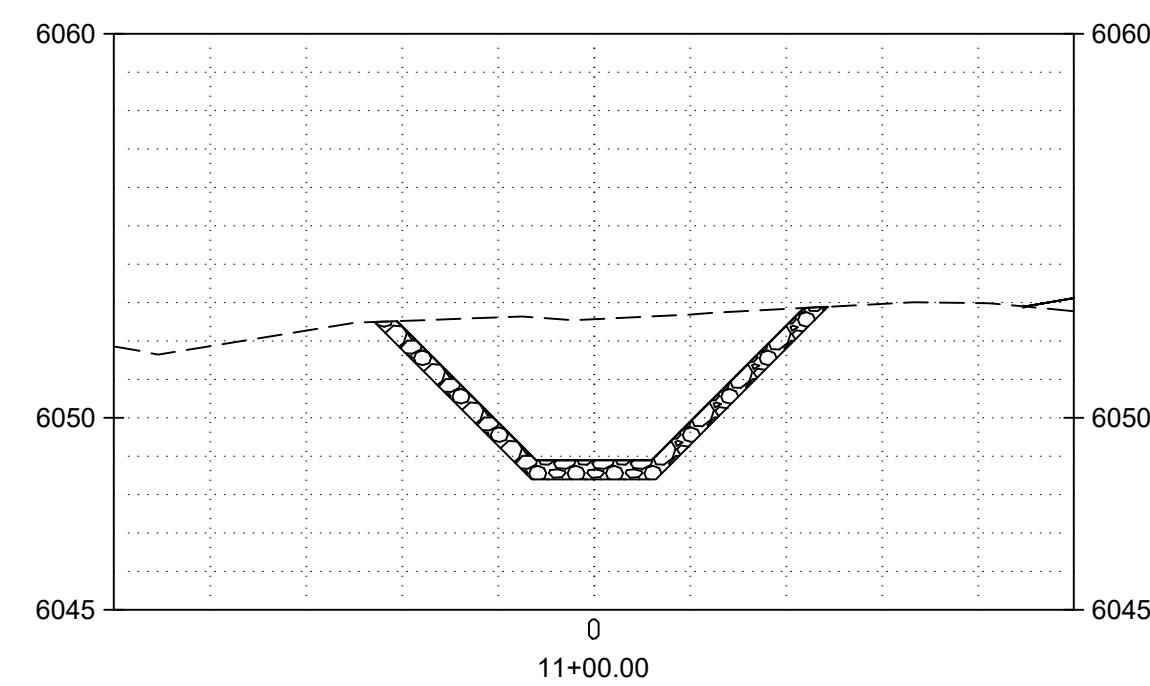
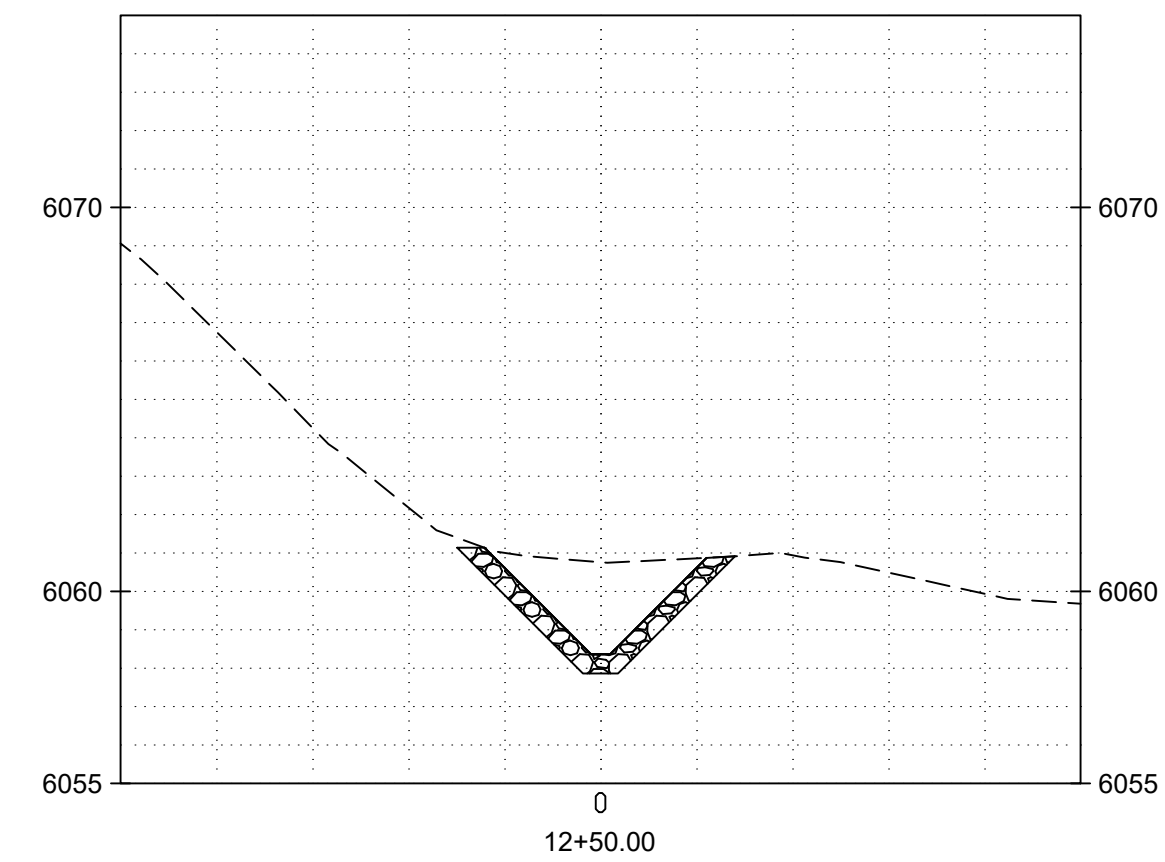
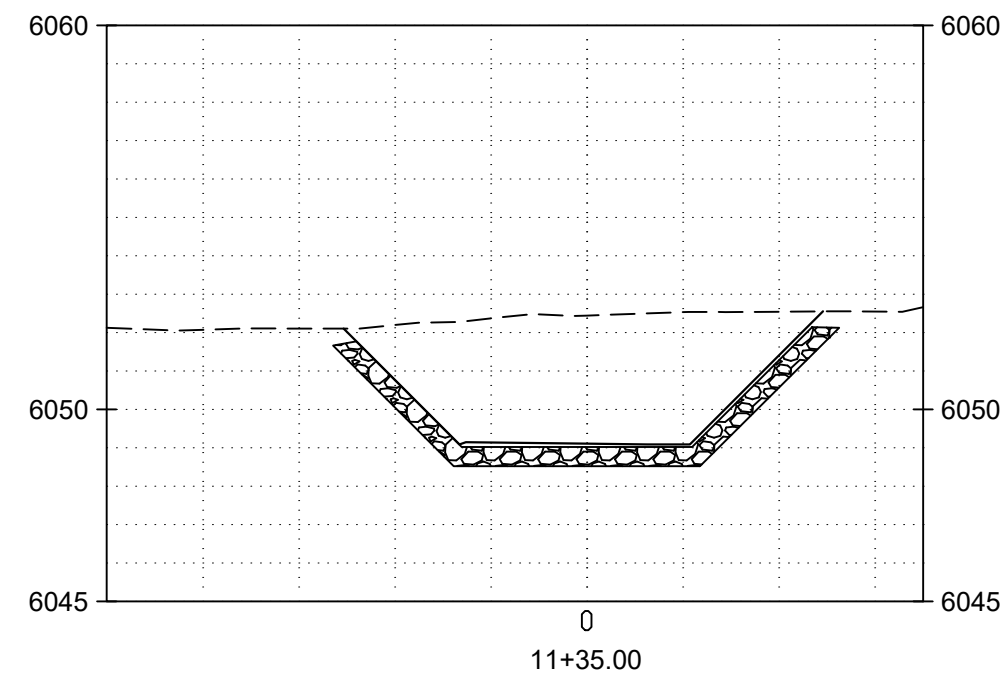
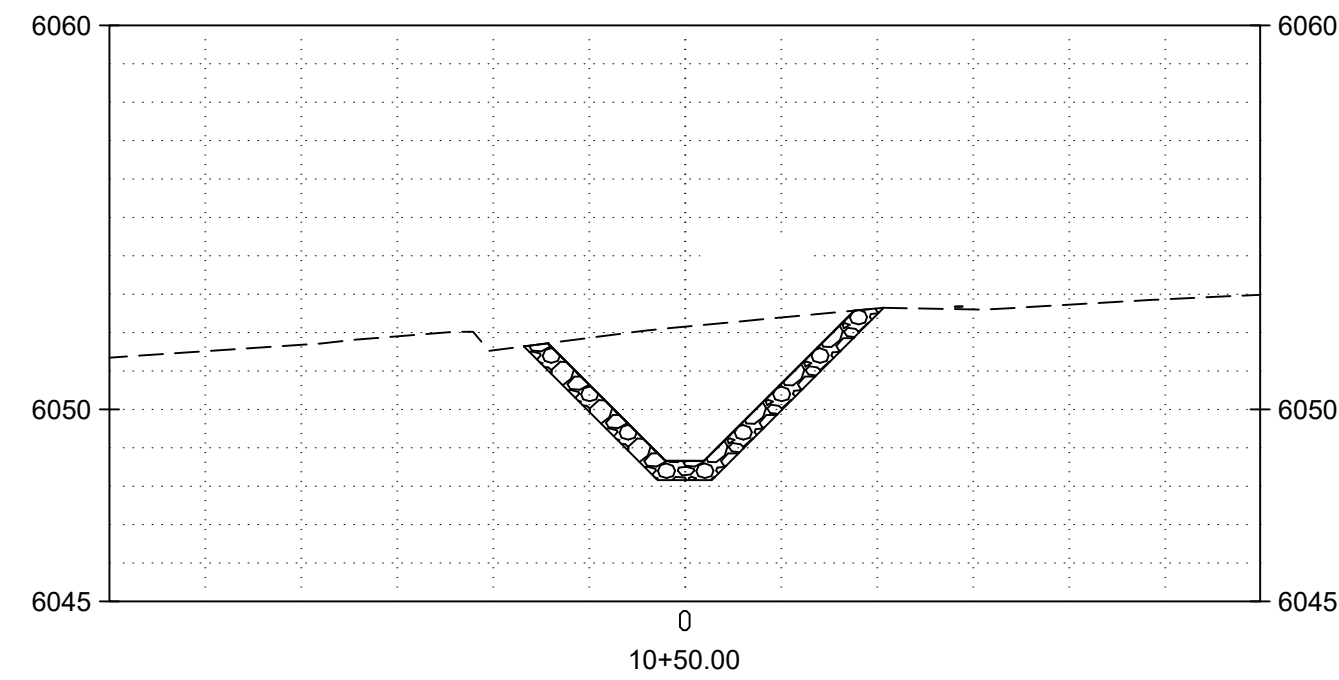
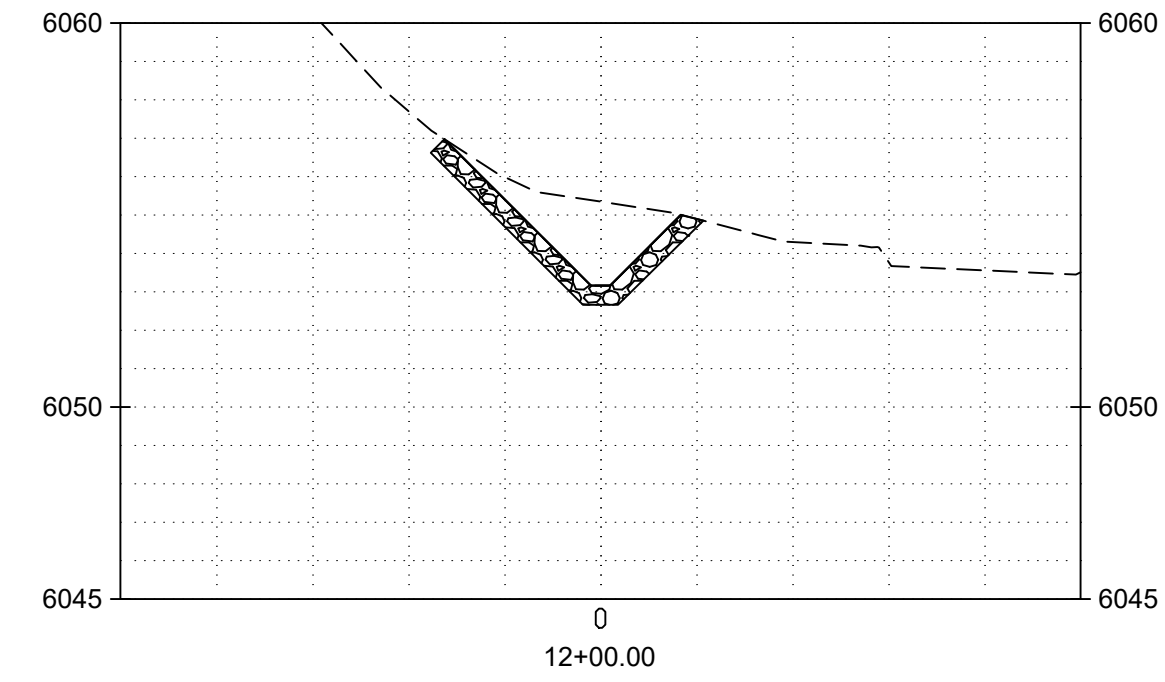
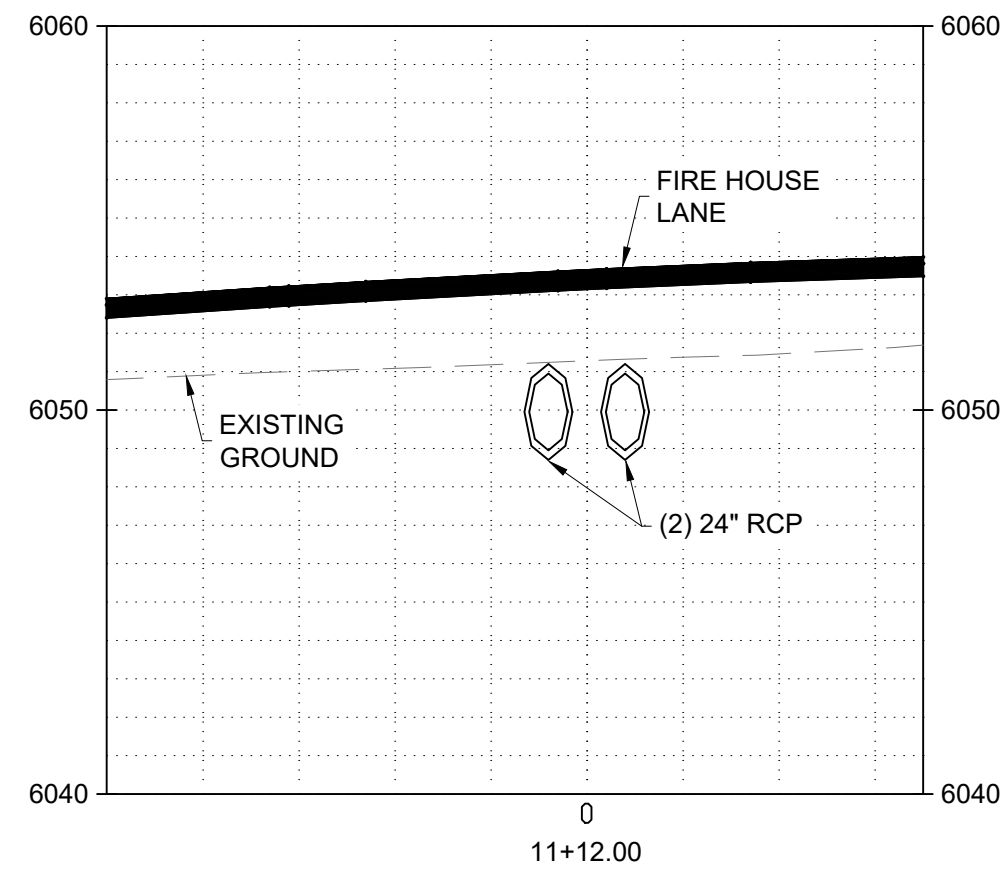
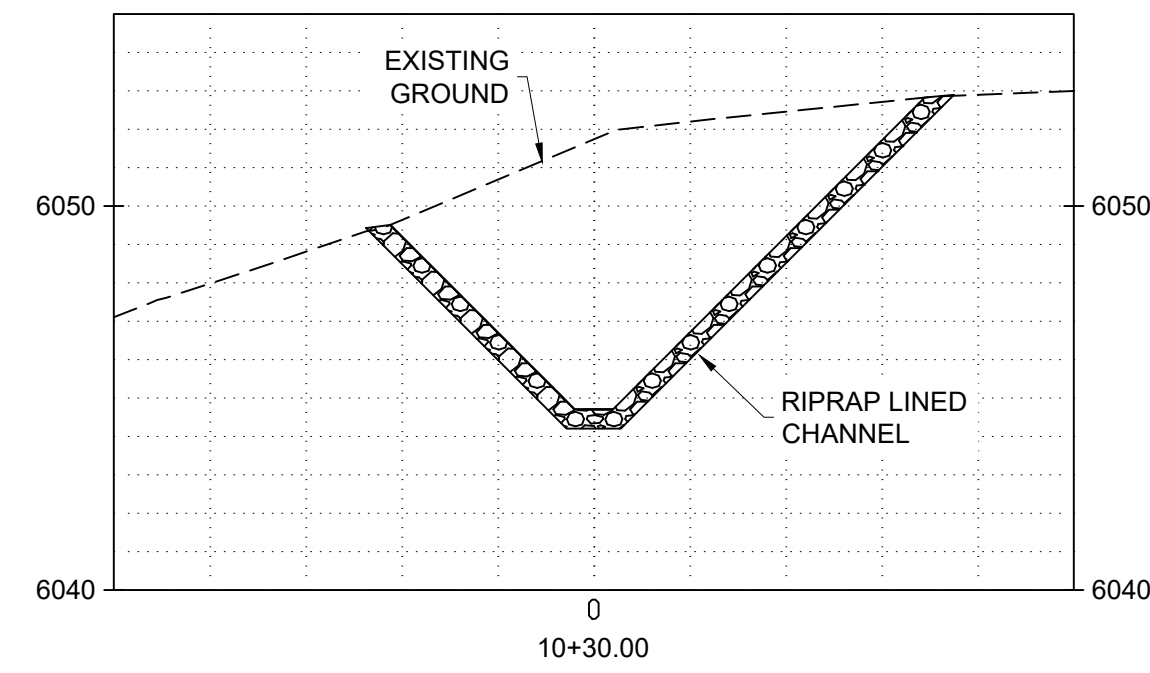
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PROJ. MGR.	TDB	10/31/24	
APPROVED			
APPROVED			



FIREHOUSE LANE AREA
FIREHOUSE LANE
CROSS SECTIONS (2 OF 2)

DRAWN	RW	DATE	---	DWG. NO.	C110	REV. NO.	B
SCALE		W.O. NO.					
			15740.001.003	SHT.	44	OF	76

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NO.	DATE	APPR.	REVISION	NO.	DATE	APPR.	REVISION

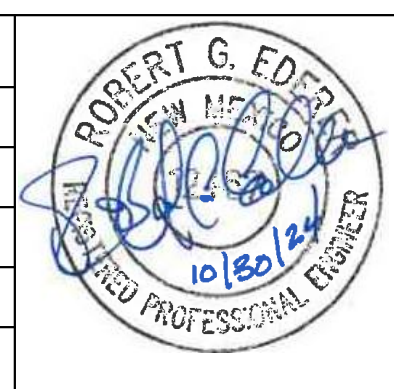
VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT

MADRID NEW MEXICO

WESTON SOLUTIONS

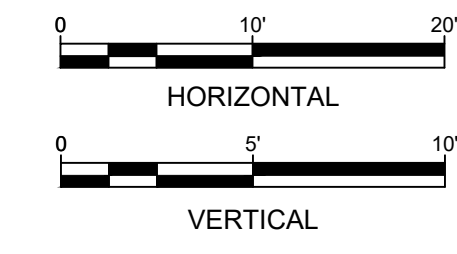
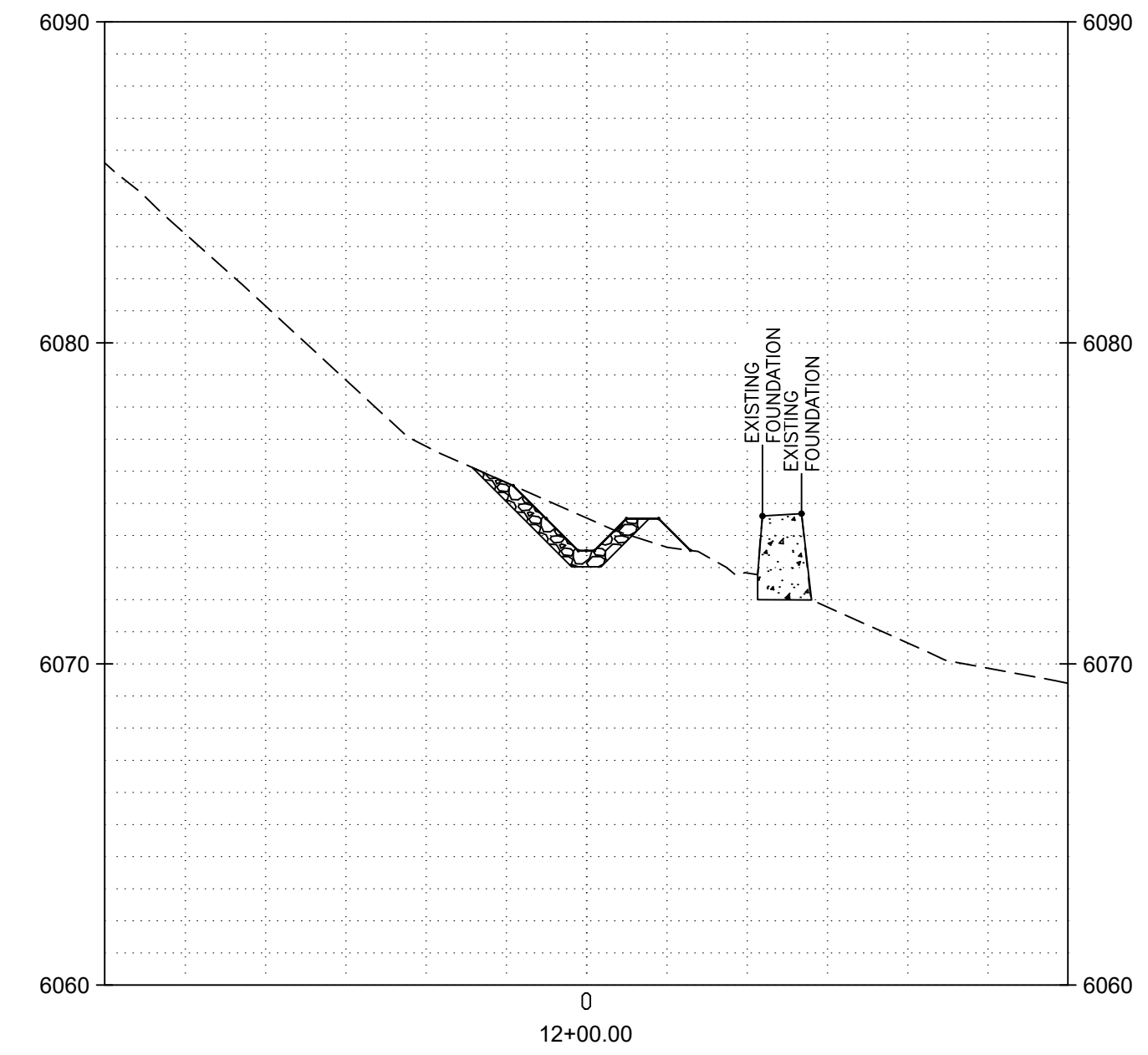
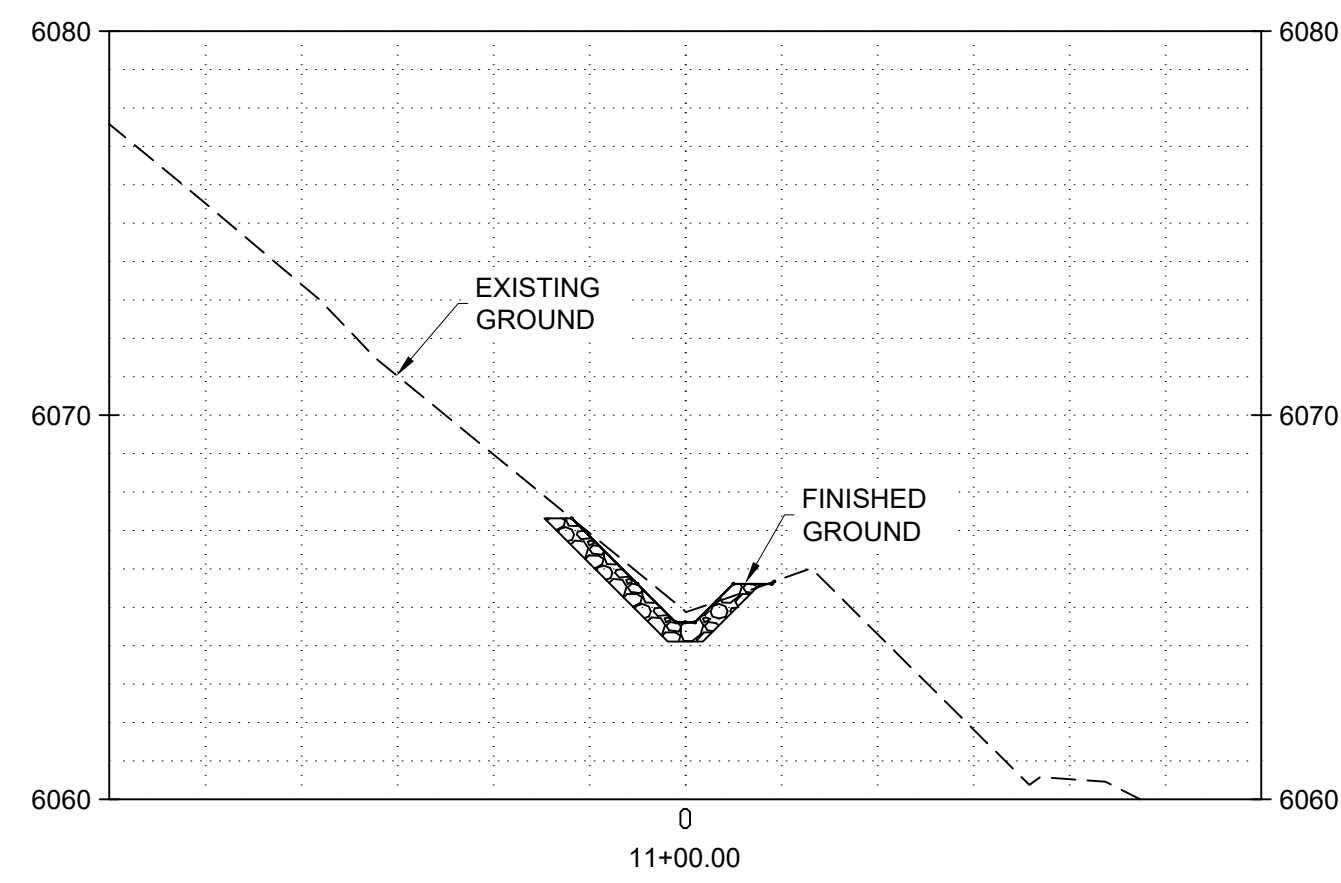
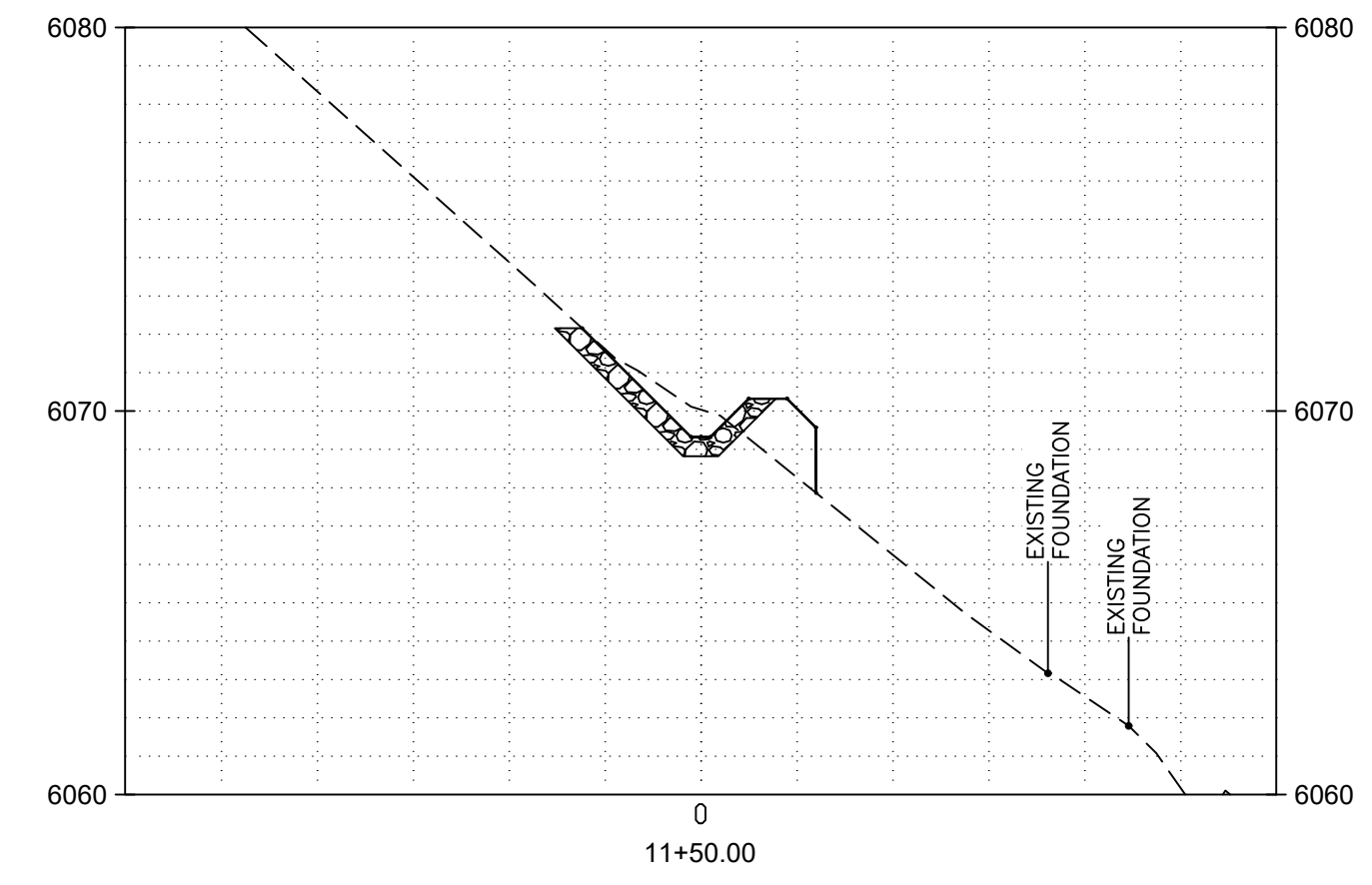
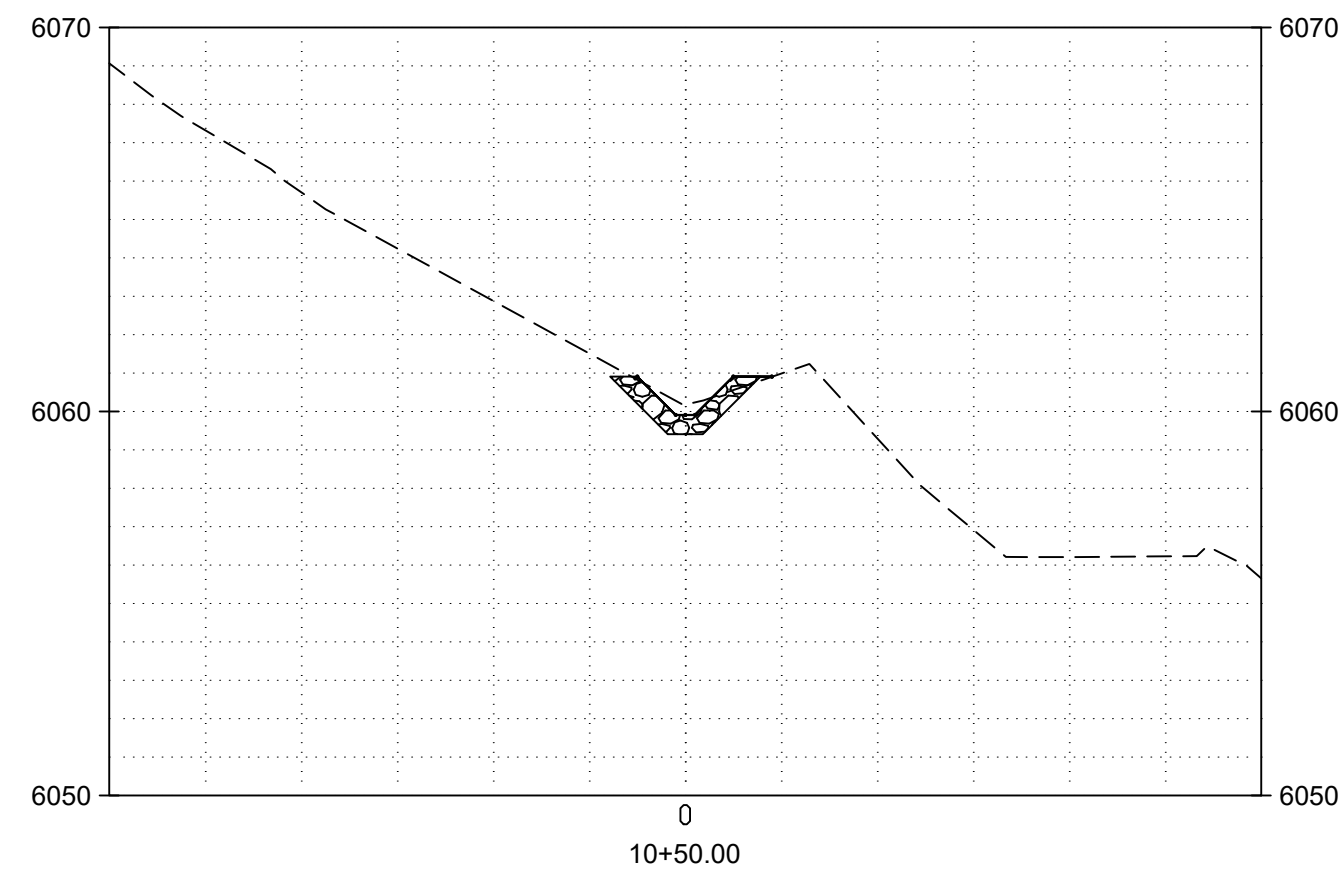
ALBUQUERQUE NEW MEXICO

CHECKED	NAH	DATE	10/31/24	CLIENT APPROVALS	DATE
DES. ENG.	SLJ	10/31/24			
PROJ. ENG.	RGE	10/31/24			
PROJ. MGR.	TDB	10/31/24			
APPROVED					
APPROVED					



FIREHOUSE LANE AREA
FIREHOUSE INTERCEPTOR
CROSS SECTIONS

DRAWN	RW	DATE	---	DWG. NO.	C111	REV. NO.	B
SCALE		W.O. NO.	15740.001.003	SHT.	45	OF	76



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NO.	DATE	APPR	REVISION	NO.	DATE	APPR	REVISION

VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT

MADRID NEW MEXICO

WESTON SOLUTIONS

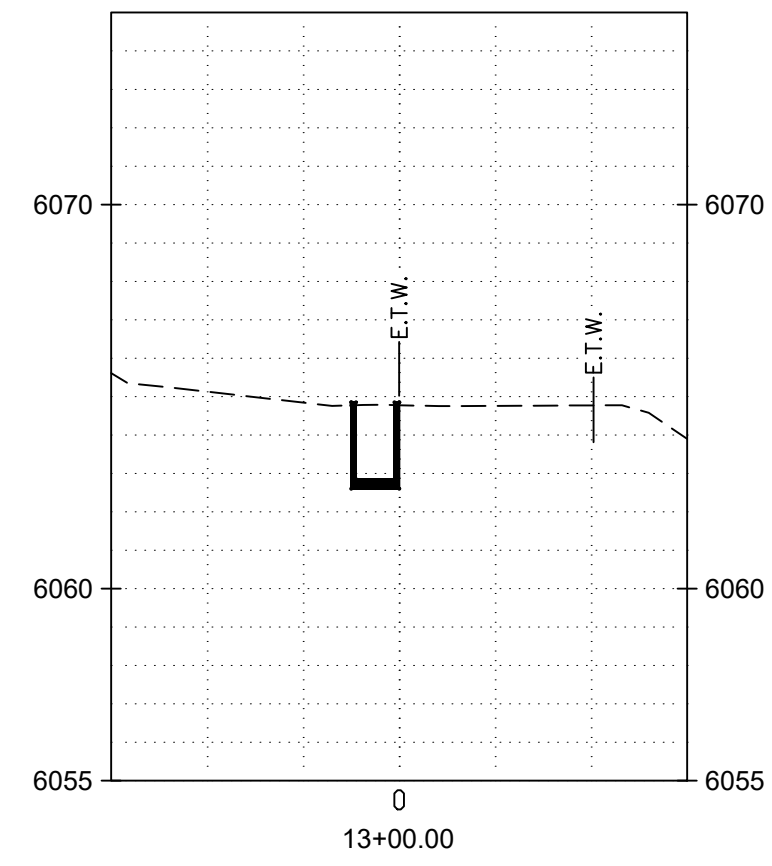
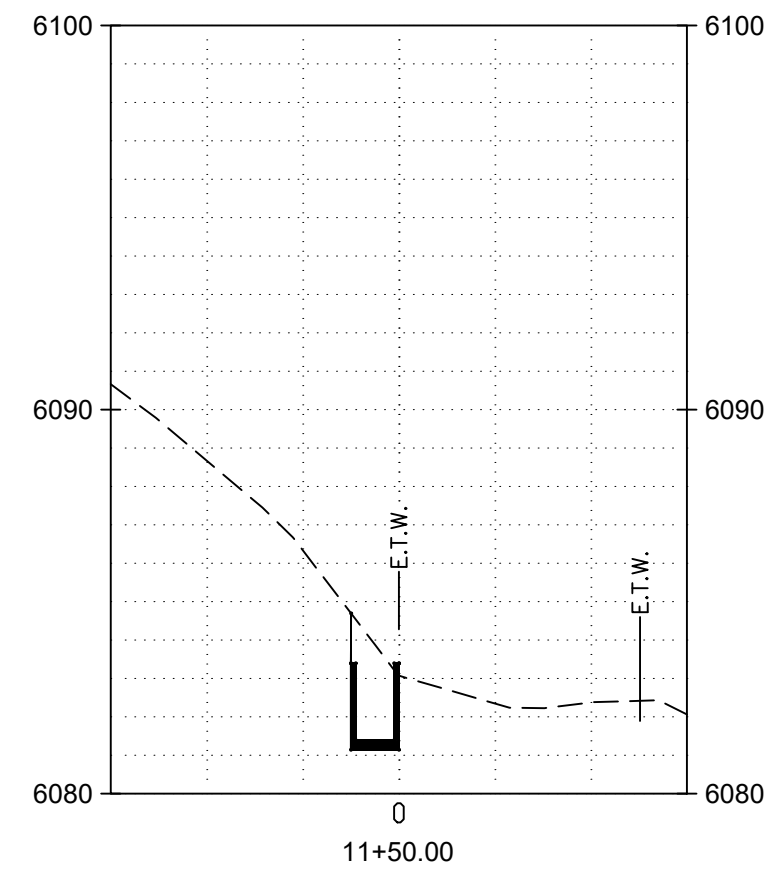
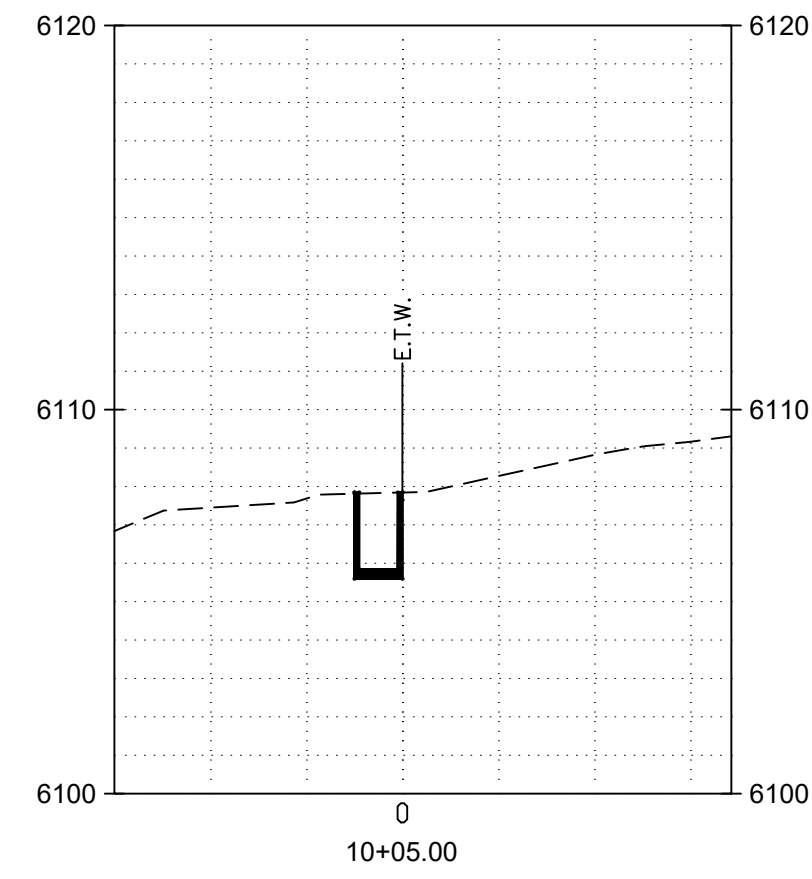
ALBUQUERQUE NEW MEXICO

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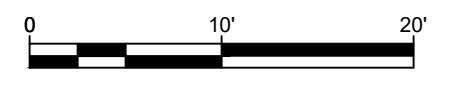
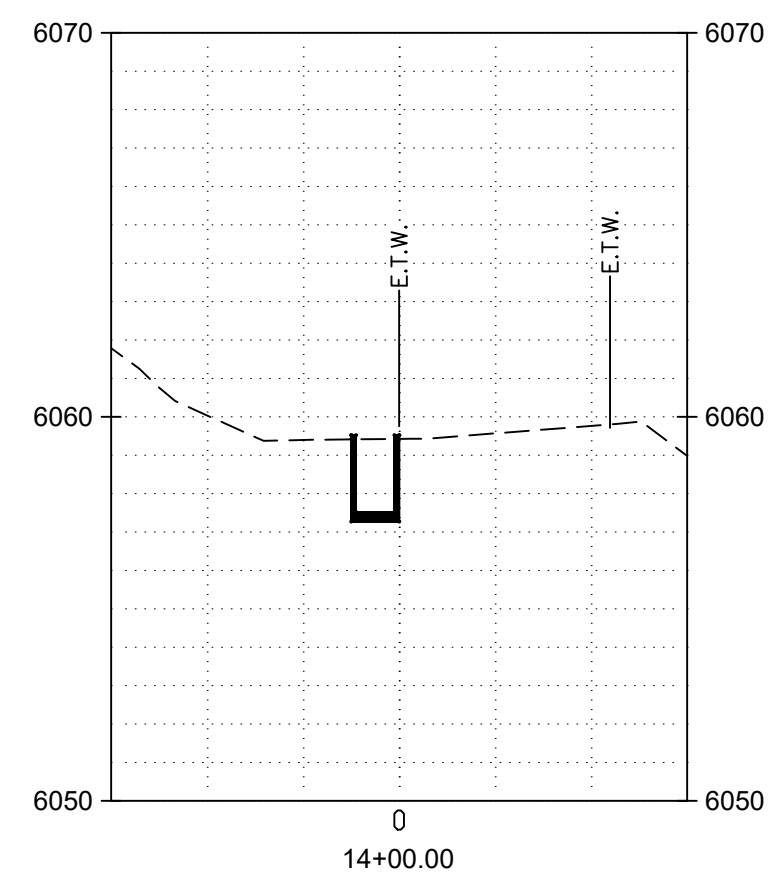
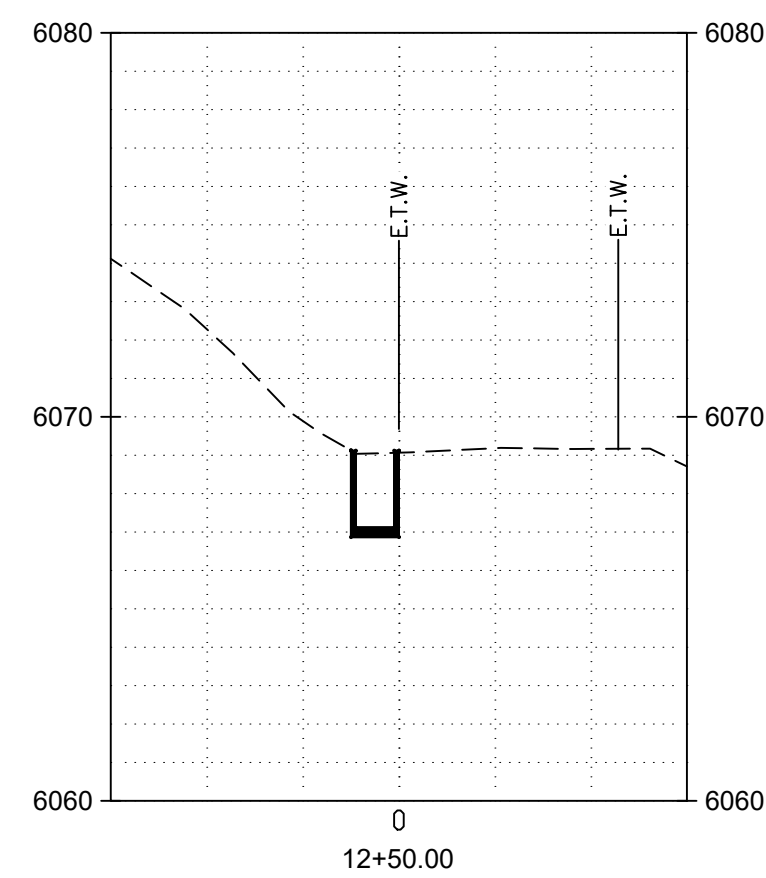
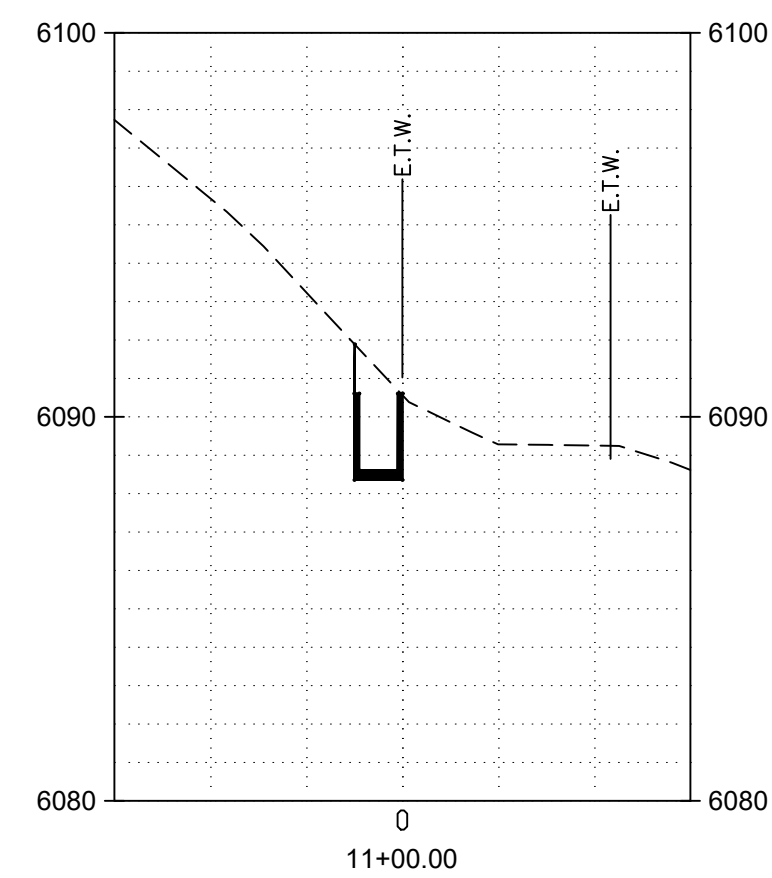
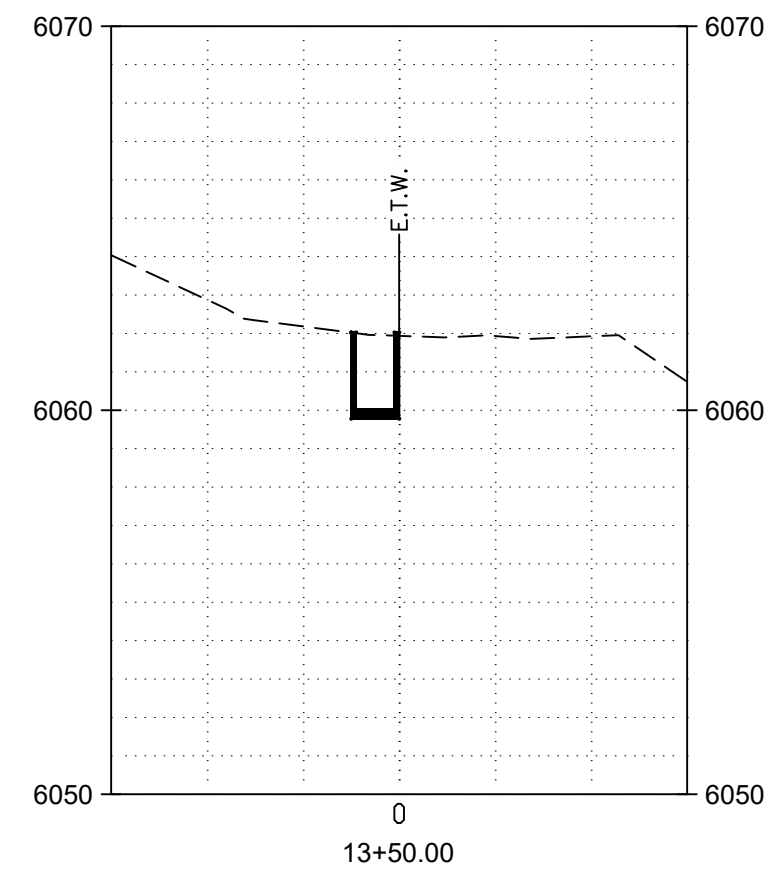
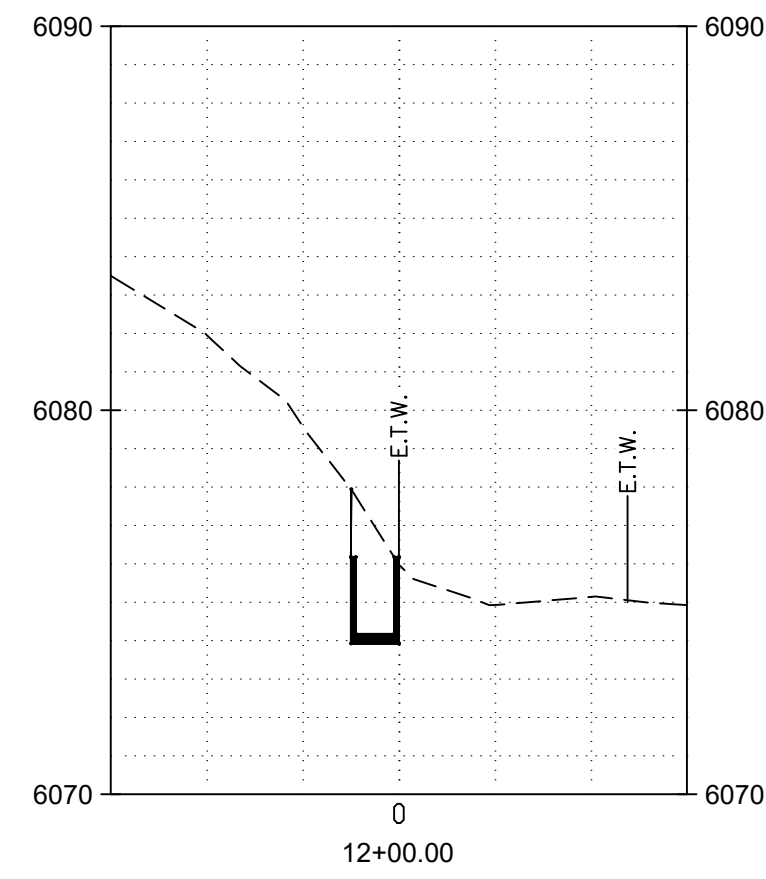
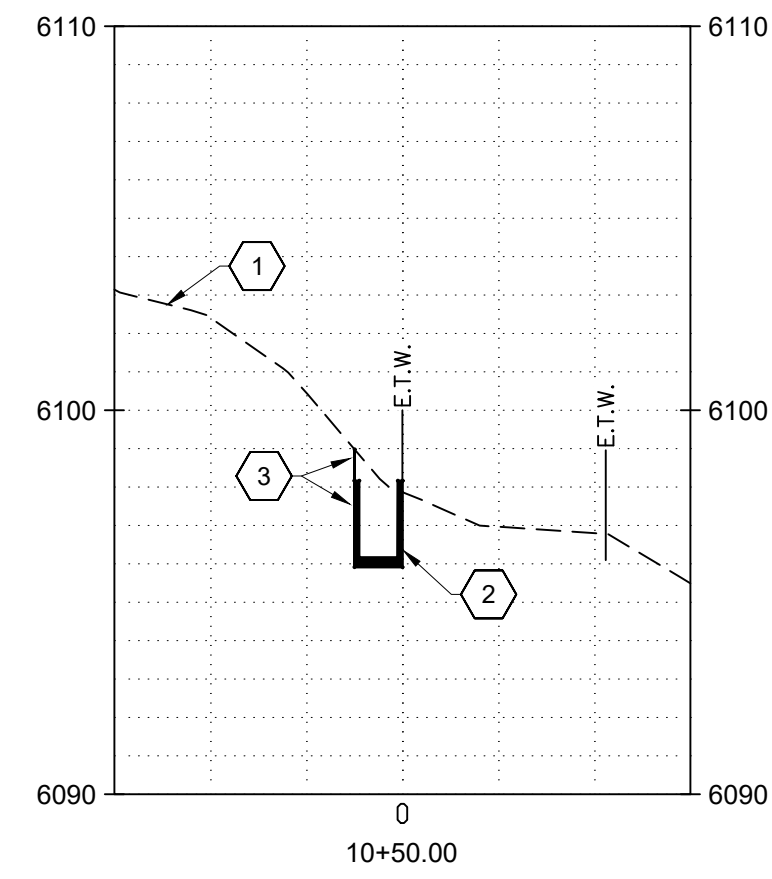
FIREHOUSE LANE AREA
MISSING LINK CHANNEL
CROSS SECTIONS

DRAWN	RW	DATE	---	DWG. NO.	C112	REV. NO.	B
SCALE		W.O. NO.		15740.001.003		SHT.	46 OF 76



KEYED NOTES

1. EXISTING GROUND.
2. PROPOSED 2 FT X 2 FT RECTANGULAR CONCRETE CHANNEL.
3. EXTEND CONCRETE WALL TO MEET EXISTING GROUND. HEIGHT VARIES.



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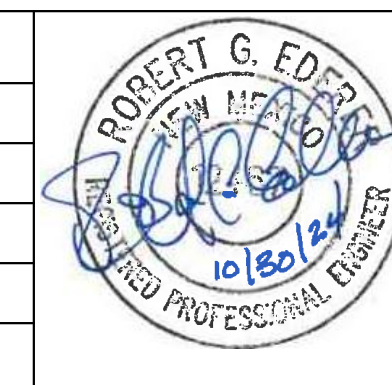
VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT

MADRID NEW MEXICO

WESTON SOLUTIONS

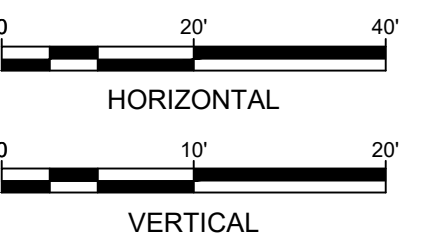
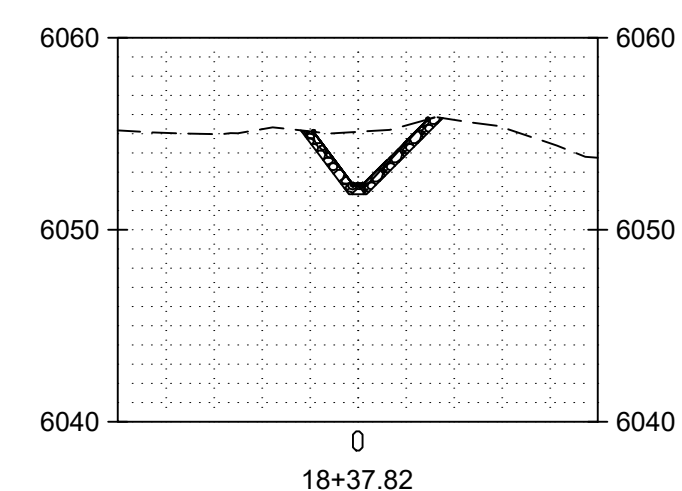
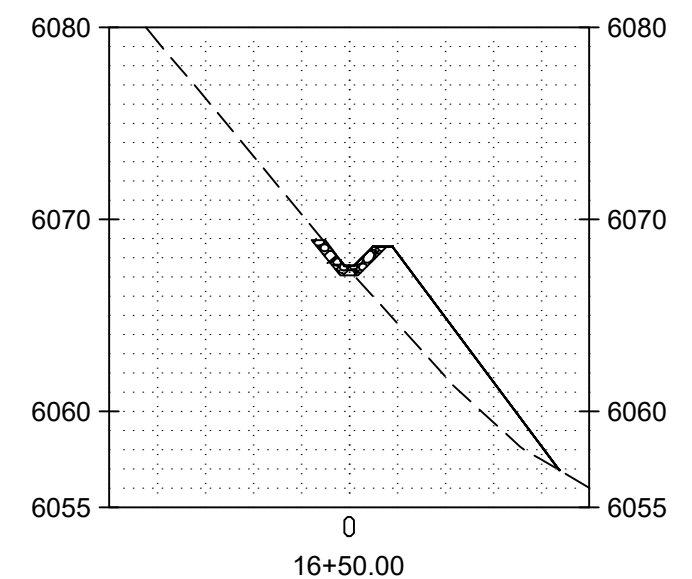
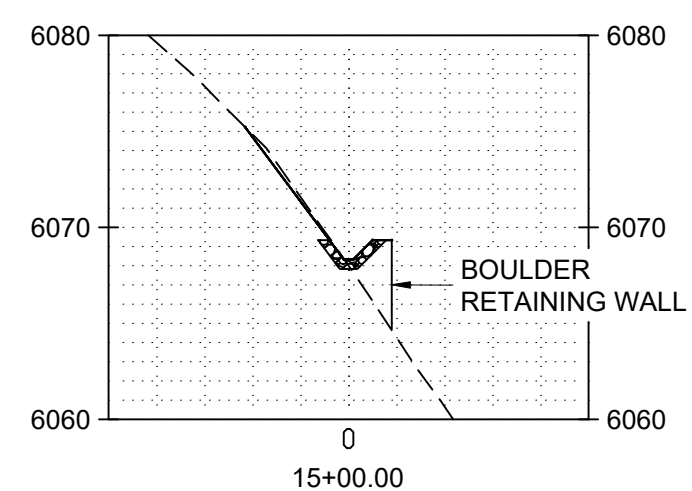
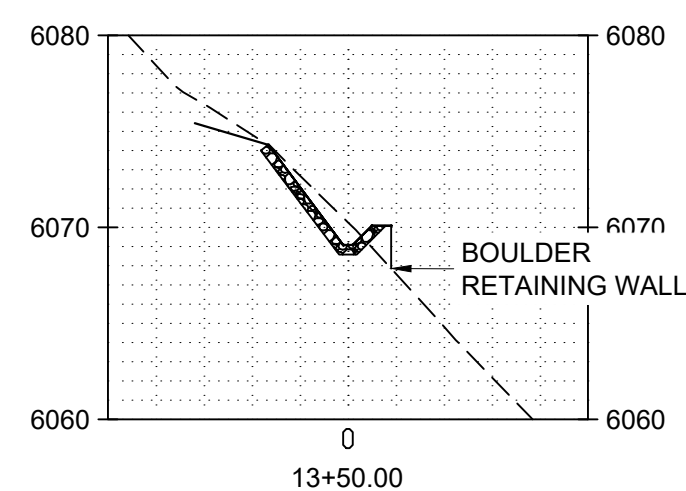
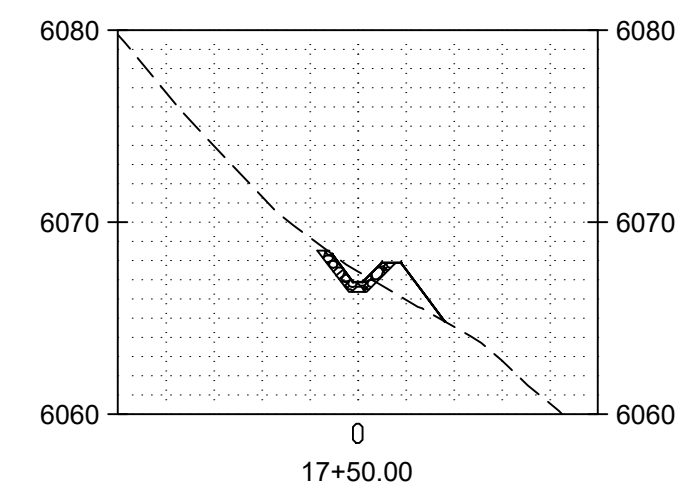
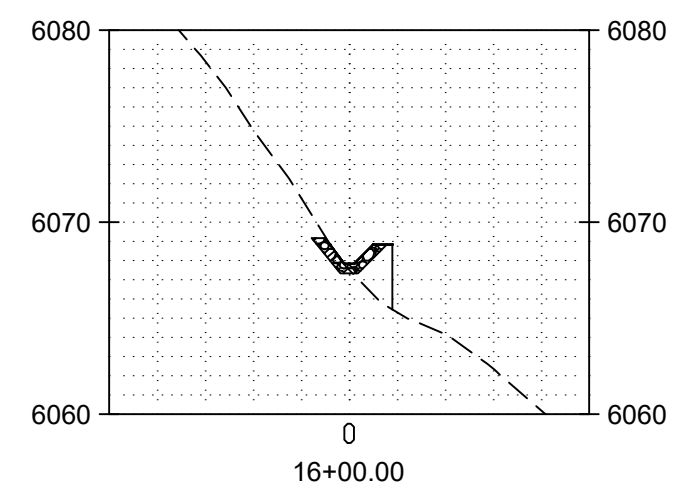
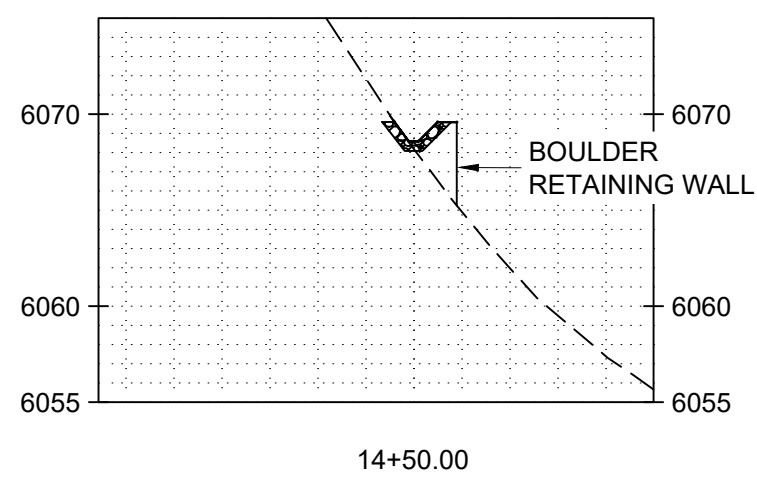
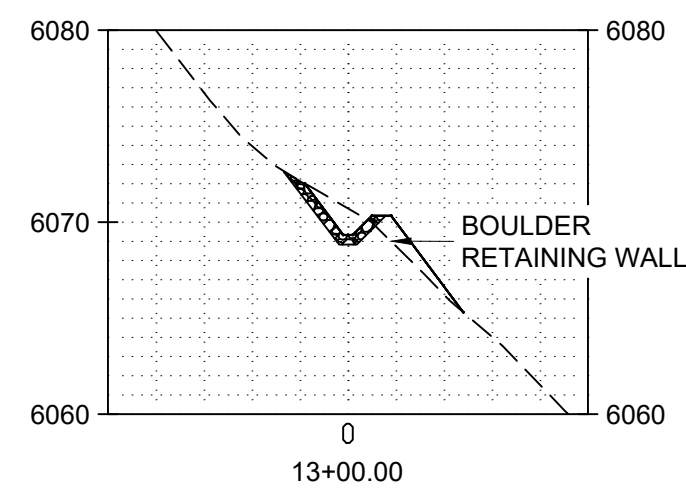
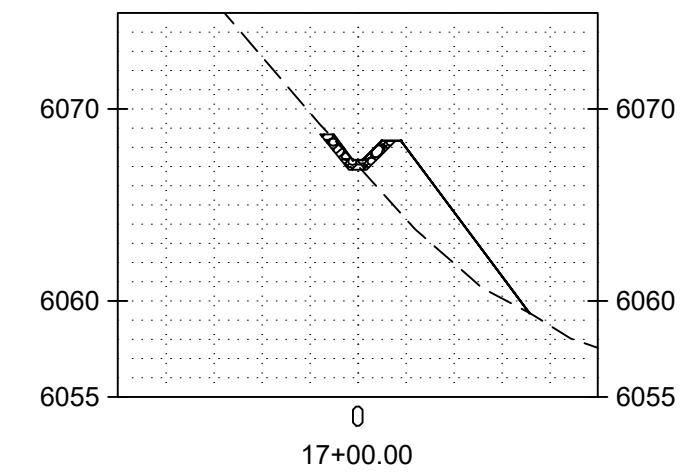
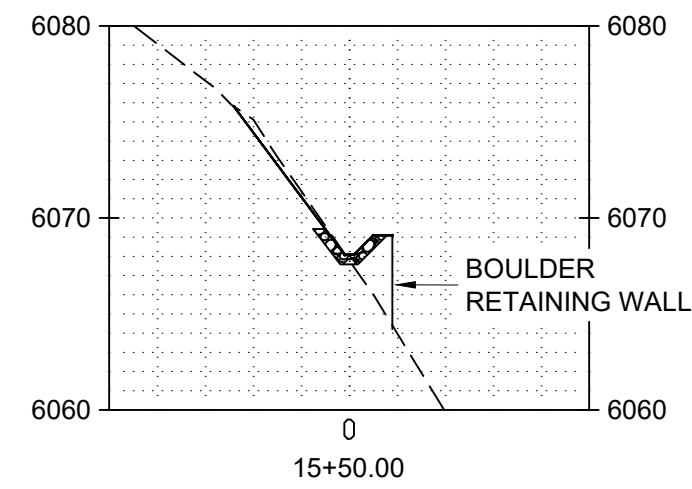
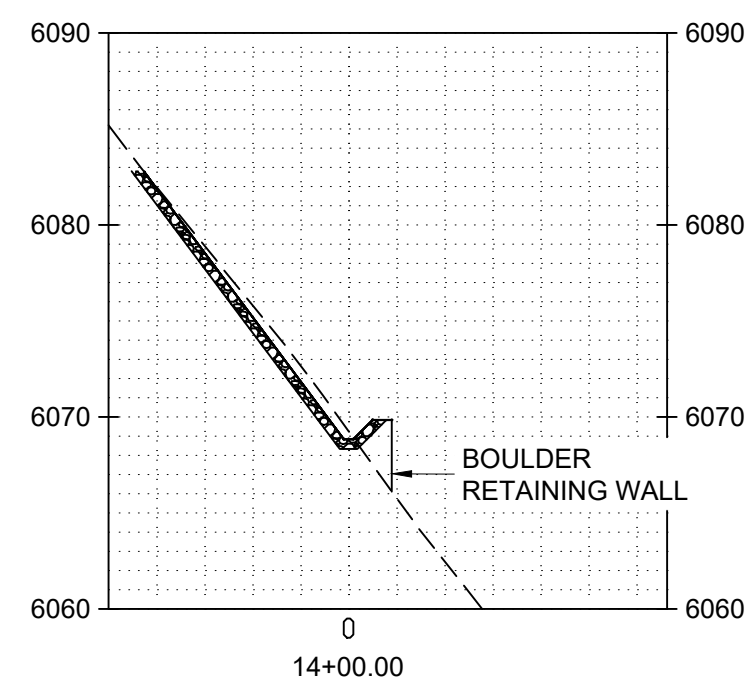
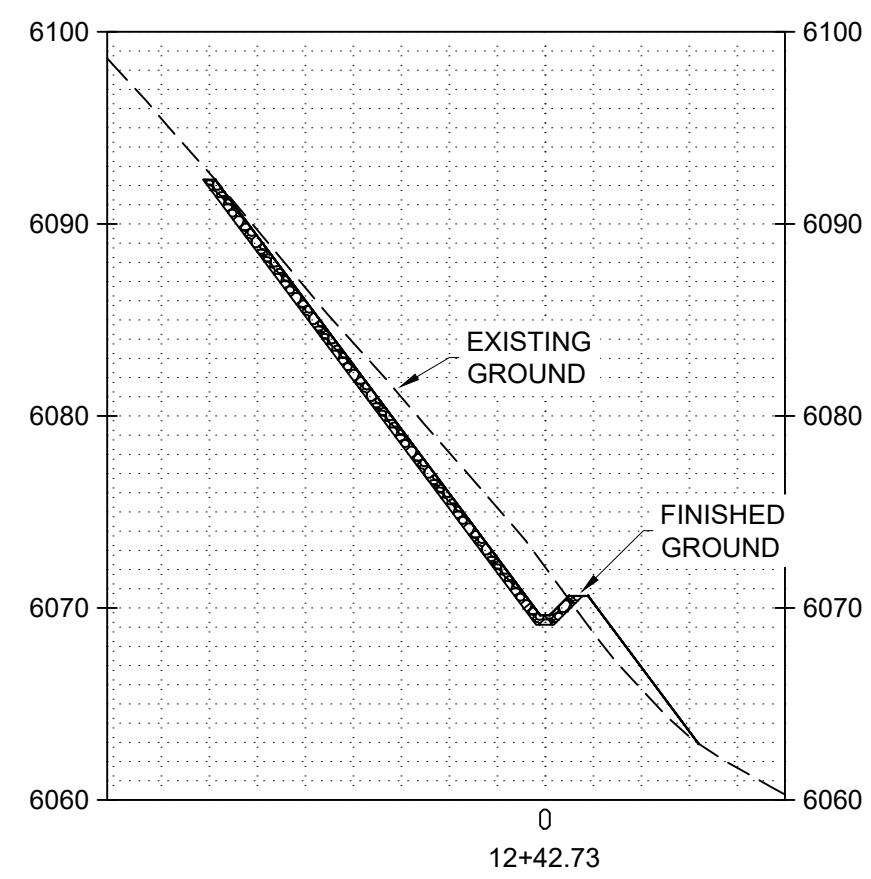
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DES. ENG.	SLJ	DATE	10/31/24		
PROJ. ENG.	RGE	DATE	10/31/24		
PROJ. MGR.	TDB	DATE	10/31/24		
APPROVED					
APPROVED					



FIREHOUSE LANE AREA
DOMINGUEZ ROAD CHANNEL
CROSS SECTIONS

DRAWN	RW	DATE	---	DWG. NO.	C113	REV. NO.	B
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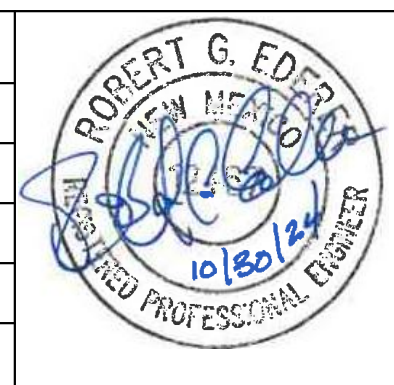
VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT

MADRID NEW MEXICO

WESTON SOLUTIONS

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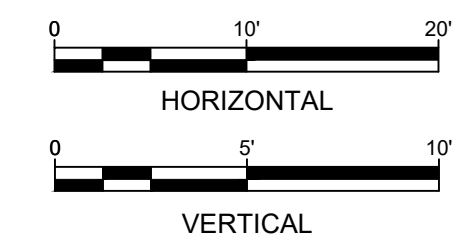
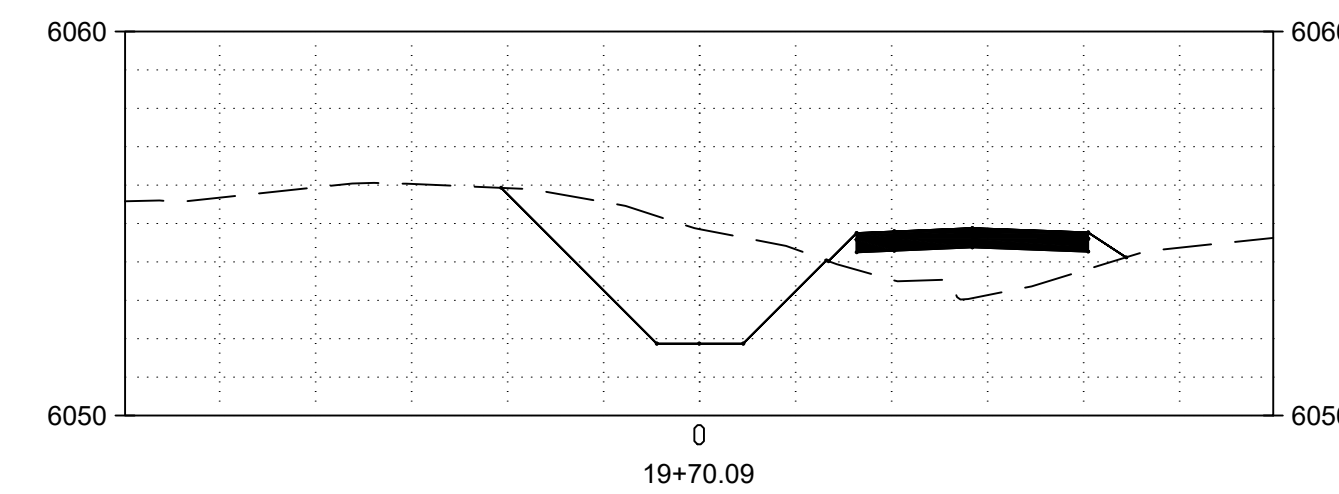
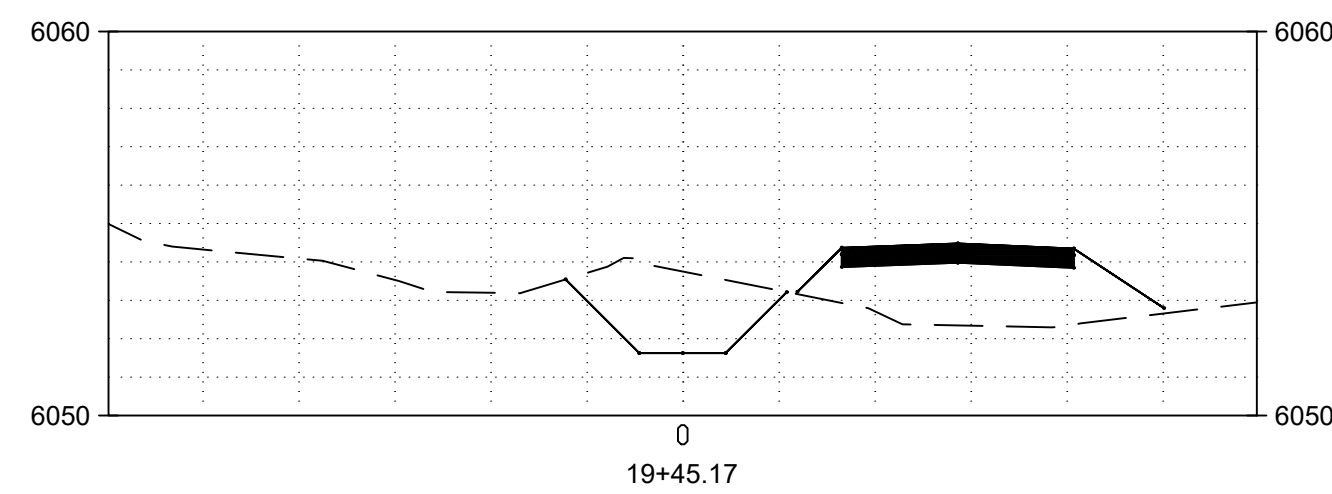
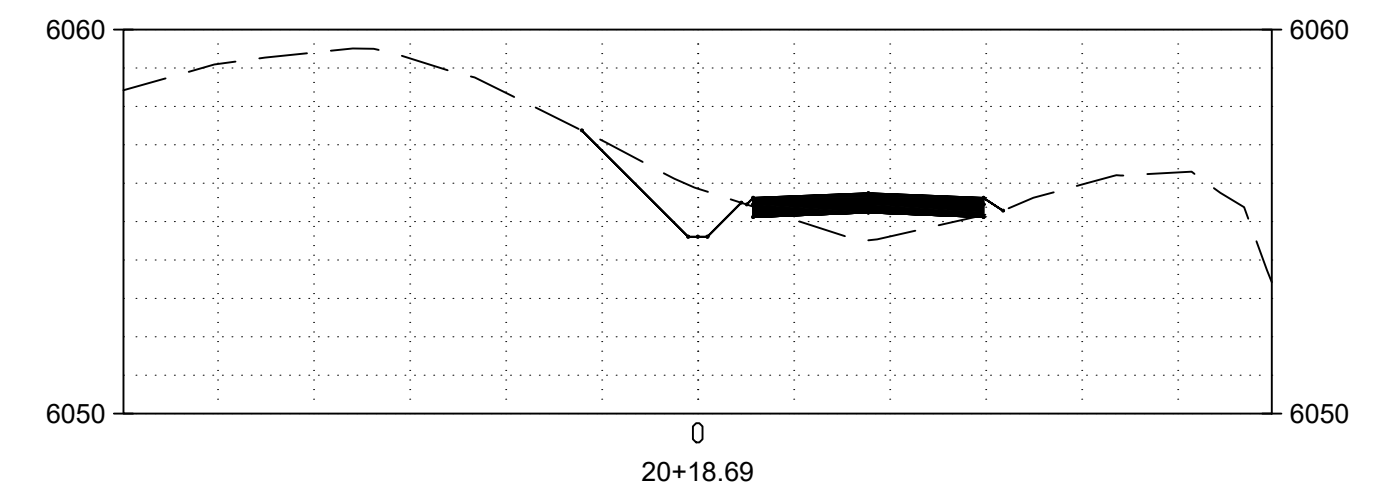
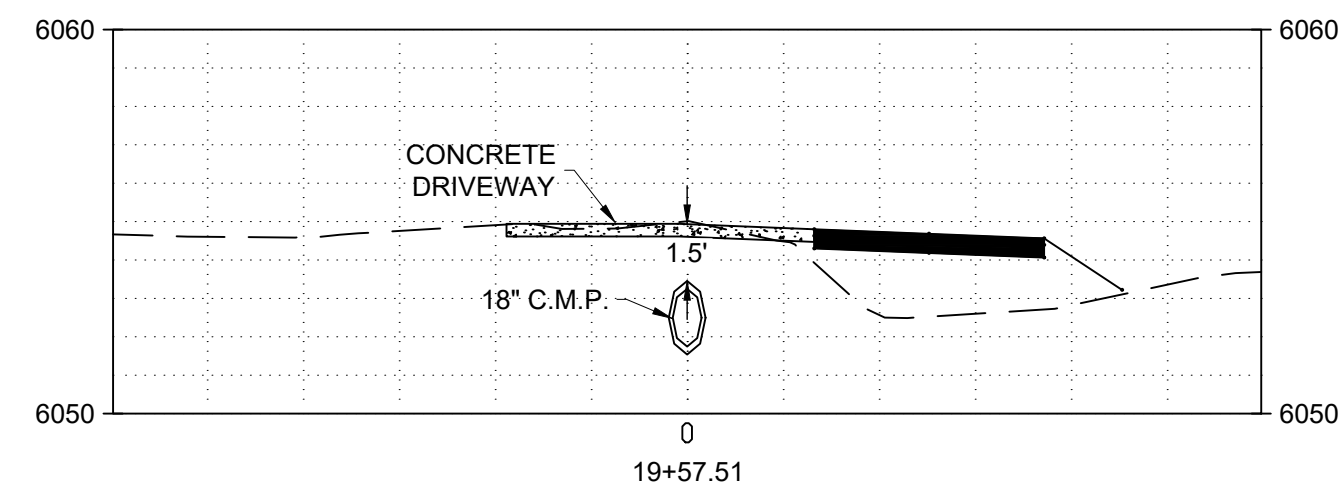
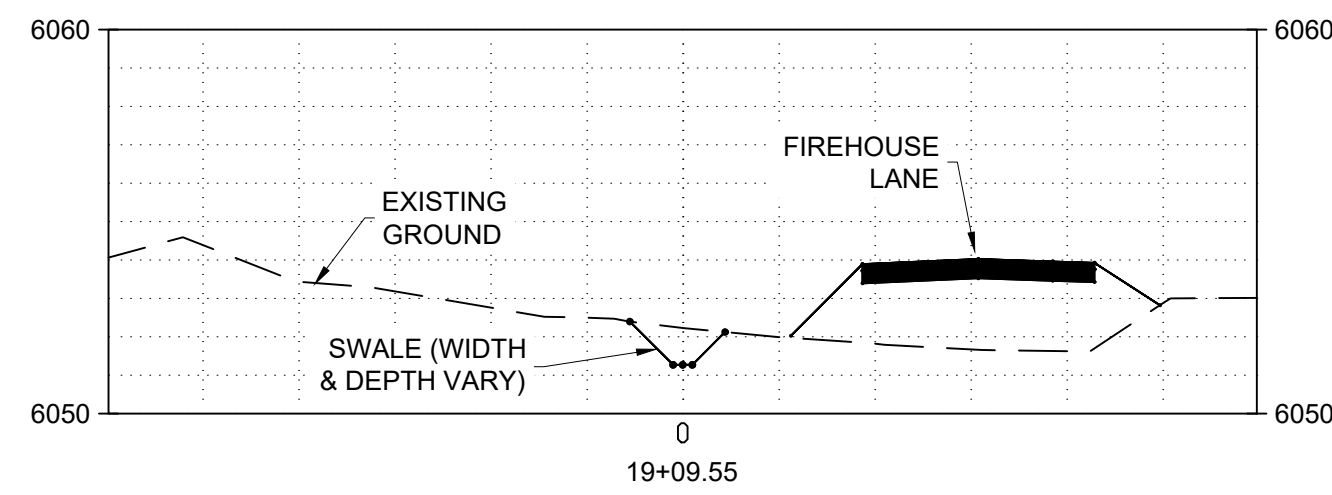
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PROJ. ENG.	RGE	DATE	10/31/24		
PROJ. MGR.	TDB	DATE	10/31/24		
APPROVED					
APPROVED					



FIREHOUSE LANE AREA
RED DOG ROAD INTERCEPTOR
CROSS SECTIONS

DRAWN	RW	DATE	---	DWG. NO.	C114	REV. NO.	B
SCALE		W.O. NO.					
			15740.001.003	SHT.	48	OF	76

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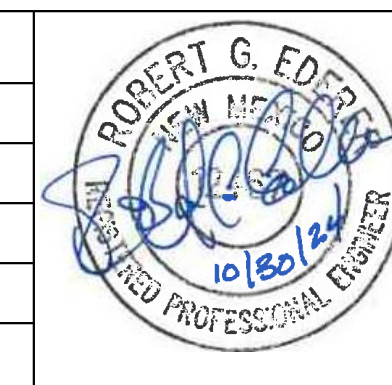
VILLAGE OF MADRID, NM
STORM WATER & EROSION CONTROL PROJECT

MADRID NEW MEXICO

WESTON SOLUTIONS

ALBUQUERQUE NEW MEXICO

CHECKED	DES. ENG.	PROJ. ENG.	PROJ. MGR.	APPROVED	APPROVED	DATE	CLIENT APPROVALS	DATE
NAH	SLJ	RGE	TDB			10/31/24		



FIREHOUSE LANE AREA
FIREHOUSE DRIVEWAY CROSSING
CROSS SECTIONS

DRAWN	RW	DATE	---	DWG. NO.	C115	REV. NO.	B
SCALE		W.O. NO.	15740.001.003	SHT.	49	OF	76