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GROUND ENGINEERING  
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WETLANDS  
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UTILITY CONTACTS:  
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XCEL ENERGY  
CONTACT: BRITT MACE  
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(970) 262-4032

ELECTRIC UTILITY  
HOLY CROSS ENERGY  
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WATER & SEWER  
EAGLE RIVER WATER & SANITATION DISTRICT  
CONTACT: TUG BIRK  
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VAIL, CO 81657  
(970) 477-5449

TELEPHONE UTILITY  
CENTURY LINK  
CONTACT: JASON SHARPE  
401 SAWATCH RD.  
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EAGLE, CO 81631  
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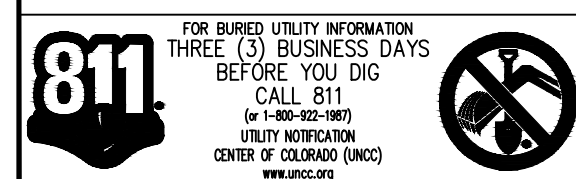
TELEPHONE UTILITY  
COMCAST CABLE  
CONTACT: MICHAEL JOHNSON  
201 ASPEN AIRPORT BUSINESS CENTER  
ASPEN, CO 81611  
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	PROPERTY LINE		ABBREVIATIONS LEGEND
	ADJOINING PROPERTY LINE		CDOT - COLORADO DEPARTMENT OF TRANSPORTATION
	EDGE OF PAVEMENT		BLM - BUREAU OF LAND MANAGEMENT
	EASEMENT LINE		SLB - STATE LAND BOARD
	BUILDING SETBACK LINE		USFS - UNITED STATES FOREST SERVICE
	BOULDER WALL		UPRR - UNION PACIFIC RAILROAD
	TREE DRILINE		CATV - CABLE TELEVISION
	FENCE		CMP - CORRUGATED METAL PIPE
	EXISTING MAJOR CONTOUR		CONC - CONCRETE
	EXISTING MINOR CONTOUR		EX - EXISTING GRADE
	UNDERGROUND TELEPHONE UTILITY		FG - FINISHED GRADE
	UNDERGROUND GAS UTILITY		IN. - INCH
	UNDERGROUND ELECTRIC UTILITY		IRR. - IRRIGATION
	OVERHEAD ELECTRIC UTILITY		L.F. - LINEAR FEET
	UNDERGROUND CATV UTILITY		MIN. - MINIMUM
	FIBER OPTIC UTILITY		R.O.W. - RIGHT-OF-WAY
	WETLAND MARKER AND IDENTIFIER		STA. - STATION
	DRAINAGE INLET		ST. - STREET
	DRAINAGE CULVERT		PC - POINT OF CURVATURE
	POWER POLE		MIDPT - MID POINT
	BOULDER		PT - POINT OF TANGENT
	GAS VALVE		
	TELEPHONE PEDESTAL		
	PIPELINE MARKER		
	FOUND SURVEY MONUMENT		
	TELEPHONE MANHOLE		
	ELECTRIC VAULT		
	GUY WIRE		
	BOLLARD		
	SANITARY SEWER MANHOLE		
	WATER VALVE		
	FIRE HYDRANT		
	SIGN		
	DECIDUOUS TREE		

1	COVER SHEET
2	GENERAL NOTES SHEET
3	SUMMARY OF APPROXIMATE QUANTITIES
4	GEOMETRIC LAYOUT PLAN
5	ALIGNMENT SURVEY POINT DATA
6-15	TRAIL PLAN AND PROFILES
16-17	CULVERT PLAN AND PROFILES
18-22	TRAIL CROSS SECTIONS
23	SIGNAGE & MARKING PLAN
24	EROSION CONTROL PLAN
25-26	DETAILS SHEETS

ISSUED FOR BID

NOT FOR CONSTRUCTION





1. THE CONTRACTOR SHALL CONFORM TO ALL EAGLE COUNTY (E.C.), STATE LAND BOARD (SLB), UNITED STATES FOREST SERVICE (USFS), BUREAU OF LAND MANAGEMENT (BLM), AND UNION PACIFIC RAILROAD (UPRR) CODES, REGULATIONS AND STIPULATIONS WHILE ACCESSING THROUGH OR WORKING ON SITE.
2. THE CONTRACTOR SHALL SCHEDULE A MANDATORY PRE-CONSTRUCTION MEETING WITH AT LEAST ONE PROJECT ENGINEER AND A REPRESENTATIVE FROM ECO TRAILS AT LEAST 48 HOURS PRIOR TO THE START OF CONSTRUCTION. NO CONSTRUCTION WILL BE PERMITTED PRIOR TO THE PRE-CONSTRUCTION MEETING.
3. WORKING HOURS SHALL BE IN COMPLIANCE WITH EAGLE COUNTY, MONDAY THRU FRIDAY 7AM-7PM. NO WORK WILL BE ALLOWED AT NIGHT, SATURDAYS, SUNDAYS OR LEGAL HOLIDAYS WITHOUT PRIOR AUTHORIZATION FROM THE ENGINEER. THE COUNTY MAY ALSO RESTRICT WORK WITHIN THE RIGHT-OF-WAY DURING ADVERSE WEATHER CONDITIONS.
4. CONTRACTOR SHALL OBTAIN AT THEIR EXPENSE ALL PERMITS, INSPECTIONS, SPECIFICATIONS, PERMITS, BONDS, ETC. FROM ALL APPLICABLE AGENCIES PRIOR TO COMMENCEMENT OF CONSTRUCTION WHICH ARE NECESSARY TO PERFORM THE PROPOSED WORK.
5. ALL SITE CONSTRUCTION, EQUIPMENT, AND MATERIALS FOR ROADS, SIDEWALKS, CURBS, EARTHWORK, AND OTHER INFRASTRUCTURE DEVELOPMENT NOT SPECIFICALLY SPECIFIED BY EAGLE VALLEY REGIONAL TRAILS CHAPTER 4 "TRAIL DESIGN AND CONSTRUCTION STANDARDS" SHALL BE CONSTRUCTED ACCORDING TO THE COLORADO DEPARTMENT OF TRANSPORTATION (CDOT) STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION 2021 EDITION, LATEST EDITION AND ANY GEOTECHNICAL REPORTS OR SUPPLEMENTAL SPECIFICATIONS PROVIDED WITH THE CONTRACT. WHEN STANDARDS CONFLICT, THE STANDARD JUDGED MOST RESTRICTIVE BY THE ENGINEER SHALL PREVAIL. THE CONTRACTOR SHALL OBTAIN COPIES OF THE STANDARDS AND SPECIFICATIONS IN ITS MOST CURRENT EDITION AND HAVE THAT COPY ON THE SITE AT ALL TIMES.
6. ALL UTILITY CONSTRUCTION SHALL CONFORM TO CURRENT UTILITY PROVIDERS STANDARDS, SPECIFICATIONS, AND CONSTRUCTION DETAILS.
7. THE CONTRACTOR SHALL KEEP (1) SET OF CONSTRUCTION DRAWINGS MARKED UP TO FULLY INDICATE AS-BUILT CONDITIONS. SAID DRAWINGS SHALL BE PROVIDED TO THE OWNER AND ENGINEER UPON COMPLETION OF THE WORK AND PRIOR TO FINAL ACCEPTANCE. CONTRACTOR IS RESPONSIBLE TO PROVIDE AT THEIR OWN EXPENSE SURVEY AS-BUILTS AND/OR PROVIDE AT LEAST THREE SWING-TIES FROM PHYSICAL MONUMENTS TO ALL MANHOLES, INLETS, FITTINGS, SERVICE LINE STUBS, AND UTILITIES.
8. THE CONTRACTOR SHALL NOT SCALE DRAWINGS FOR CONSTRUCTION PURPOSES. ANY MISSING DIMENSIONS OR DISCREPANCIES IN PLANS, FIELD STAKING OR PHYSICAL FEATURES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER. ASSUMPTIONS MADE BY THE CONTRACTOR WITH REGARD TO THE DIMENSIONS OR DISCREPANCIES IN PLANS, FIELD STAKING OR PHYSICAL FEATURES ARE AT THE CONTRACTOR'S RISK. IF CONSTRUCTION DOCUMENTS ARE UNCLEAR, OR IF ERRORS OR DISCREPANCIES ARE DISCOVERED, THE ENGINEER SHALL NOT BE LIABLE IF THE CONTRACTOR OR CLIENT MAKES HIS/HER OWN INTERPRETATION OF AND/OR REVISES THE ORIGINAL INTENT OF THE CONSTRUCTION DOCUMENTS AND DESIGN DRAWINGS.
9. THE CONTRACTOR SHALL FAMILIARIZE THEMSELVES WITH THE SITE AND PROVIDE WRITTEN NOTIFICATION OF ALL DISCREPANCIES BETWEEN EXISTING AND PROPOSED SITE IMPROVEMENTS. CONFLICTS OR DISCREPANCIES WITH GRADES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY AND PRIOR TO PROCEEDING WITH ANY WORK.
10. CONSTRUCTION NOTES, SPECIFICATIONS, AND TYPICAL DETAILS ON THE CONSTRUCTION PLANS TAKE PRECEDENCE OVER PLAN NOTES.
11. CONSTRUCTION SAFETY IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. NEITHER THE OWNER, ENGINEER, EAGLE COUNTY (E.C.), STATE LAND BOARD (SLB), UNITED STATES FOREST SERVICE (USFS), BUREAU OF LAND MANAGEMENT (BLM), AND UNION PACIFIC RAILROAD (UPRR) WILL BE RESPONSIBLE FOR MONITORING OR ASSURING CONTRACTOR'S COMPLIANCE WITH ANY APPLICABLE SAFETY LAWS, PROGRAMS, REGULATIONS, OR POLICES. THESE DRAWINGS DO NOT SPECIFY SAFETY MATERIALS, SAFETY EQUIPMENT, SAFETY METHODS OR SEQUENCING, OR SAFETY TO PROTECT PERSONS AND PROPERTY. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO DIRECT AND IMPLEMENT SAFETY OPERATIONS AND PROCEDURES FOR DURATION OF THE PROJECT.
12. DURING WORK IF SUBSURFACE HISTORIC, CULTURAL, OR PALEO RESOURCES ARE UNCOVERED, ALL WORK WITHIN THE VICINITY SHALL HALT, AREA PROTECTED, AND THE APPROPRIATE AGENCIES SHALL BE NOTIFIED IMMEDIATELY. NO WORK SHALL CONTINUE IN THE AREA, UNTIL PERMITTED BY THE REVIEWING AGENCY.
13. CONSTRUCTION STAKING IS BY CONTRACTOR AND TO BE PERFORMED BY A COLORADO LICENSED PROFESSIONAL LAND SURVEYOR. THE CONTRACTOR SHALL PROTECT ALL EXISTING SURVEY MONUMENTS FROM DAMAGE DURING CONSTRUCTION. ANY MONUMENTS DISTURBED BY THE CONTRACTOR SHALL BE RESET AND DOCUMENTED BY A LICENSED LAND SURVEYOR AT THE CONTRACTOR'S EXPENSE, UNLESS OTHERWISE NOTED ON THE PLANS. CONTACT PROJECT SURVEYOR FOR BENCHMARKS.
14. THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, SIGNS, BARRICADES, FLAGMEN OR OTHER DEVICES NECESSARY TO PROVIDE FOR PUBLIC SAFETY IN ACCORDANCE WITH THE CURRENT MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), INCLUDING THE STATE OF COLORADO AMENDMENTS. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL CONSTRUCTION ZONE TRAFFIC CONTROL.
15. DURING CONSTRUCTION NO COMPANY OR PERSONNEL VEHICLES WILL BE PERMITTED TO PARK IN THE ROAD RIGHT-OF-WAY, UNLESS APPROVED BY EAGLE COUNTY IN A DESIGNATED AREA.
16. THE CONTRACTOR IS WARNED THAT CONFLICTS WITH EXISTING UTILITY SERVICES MAY EXIST. PRIOR TO BEGINNING ANY CONSTRUCTION, THE CONTRACTOR SHALL CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO (UNCC) AT 811 OR 1-800-922-1987 FOR UTILITY LINE LOCATIONS AT LEAST THREE (3) BUSINESS DAYS, NOT INCLUDING THE DAY OF ACTUAL NOTIFICATION, PRIOR TO ANY EXCAVATION ACTIVITIES. CONTRACTOR SHALL THEN LOCATE ALL UTILITIES (INCLUDING DEPTH BY POT-HOLING) WITHIN THE PROJECT LIMITS AT THEIR OWN EXPENSE. ANY CONFLICTS WITH THE PROPOSED CONSTRUCTION SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IMMEDIATELY. SO THAT INFRASTRUCTURE, PIPELINE, OR GRADE CHANGES CAN BE MADE TO POTENTIALLY ELIMINATE ANY CONFLICTS WITH THESE EXISTING UTILITIES. WHERE CONFLICTS EXIST BETWEEN NECESSARY CONSTRUCTION ACTIVITIES AND EXISTING UTILITIES IN THE OPINION OF THE CONTRACTOR, ENGINEER, AND RESPECTIVE UTILITY OWNER, AFFECTED UTILITIES WILL BE RELOCATED BY THE UTILITY OWNER AT THEIR COST\* (\*SUBJECT TO UTILITY COMPANY DISCRETION).
17. OWNER AND ENGINEER ASSUME NO RESPONSIBILITY FOR UTILITY LOCATIONS. LOCATIONS SHOWN ON THE PLANS ARE PLOTTED FROM THE BEST AVAILABLE INFORMATION (QL-C/D PER ASCE 38-02), BUT MAY NOT BE ADEQUATE FOR THE PURPOSE OF CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR VERIFICATION AND ACCURATE LOCATION (INCLUDING DEPTH) OF ALL EXISTING UTILITIES. ALL EXISTING UTILITIES SHALL BE PROTECTED FROM DAMAGE BY THE CONTRACTOR. DAMAGED UTILITIES SHALL BE REPAIRED BY THE CONTRACTOR AT NO EXPENSE TO OWNER.
18. ALL WORK AND ACTIVITIES IN OR AROUND THE EXISTING UTILITIES SHALL BE COORDINATED BY THE CONTRACTOR WITH THE APPROPRIATE UTILITY COMPANY.
19. ALL MATERIAL SAMPLING, TESTING AND INSPECTION OF MATERIALS BY A QUALIFIED INDEPENDENT CONSULTANT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR MUST COORDINATE WITH THE GEOTECHNICAL ENGINEER, THE OWNER, AND ENGINEER OF SCHEDULING. SUBGRADE SHALL BE PROOF-ROLLED, FREE FROM DEFLECTION TO THE SATISFACTION OF THE GEOTECHNICAL ENGINEER. ANY FAILING AREAS DUE TO UNSATISFACTORY WORK SHALL BE REPAIRED AND PROOF ROLLED AGAIN UNTIL ACCEPTED BY THE GEOTECHNICAL ENGINEER WITH NO ADDITIONAL COST TO OWNER, UNLESS IN-SITU SOILS ARE DETERMINED UNSATISFACTORY PER THE GEOTECHNICAL ENGINEER.
20. COMPACTION TESTING SHALL BE DONE AS REQUIRED BY CDOT STANDARD SPECIFICATIONS. MINIMUM ACCEPTANCE TESTING FOR ALL MATERIAL COMPACTION SHALL BE AS SPECIFIED IN THE LATEST EDITION OF CDOT'S FIELD MATERIALS MANUAL. ALL SOILS TESTING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL PROVIDE COPIES OF ALL TEST REPORTS AND INSPECTION RECORDS TO THE ENGINEER.

1. COMPACTION TESTING MAY BE DONE PERIODICALLY BY THE OWNER. THESE TESTS ARE INTENDED TO PROVIDE THE OWNER A GREATER DEGREE OF ASSURANCE THAT THE CONTRACTOR IS COMPLYING WITH COMPACTION REQUIREMENTS. THE CONTRACTOR IS NOT TO RELY UPON THESE TESTS FOR FILL CONTROL, NOR ARE THESE TESTS TO BE CONSTRUED AS A GUARANTEE BY THE ENGINEER OF THE CONTRACTOR'S CONTRACTUAL OBLIGATION.
22. UNLESS OTHERWISE SPECIFIED IN THE DETAILS, ALL DISTURBED AREAS SHALL BE COMPACTED AS FOLLOWS USING THE STANDARD PROCTOR DENSITY (ASTM D-698):
- 95% BELOW ROADS, TRAILS, PATHS, UTILITY INFRASTRUCTURE
  - 90% WITHIN RIGHT-OF-WAY NOT BENEATH ROAD AND IN DRAINAGE CHANNELS
  - 85% OUT OF THE RIGHT-OF-WAY BENEATH EARTHWORK & LANDSCAPING
23. THE ENGINEER MAY MAKE AN ON-SITE VISIT WITHIN TWENTY-FOUR (24) HOUR NOTIFICATION PERIOD FOR THE PURPOSE OF OBSERVING PROOF-ROLLS ON SUBGRADE AND AGGREGATE BASE COURSE AND FOR GENERAL OBSERVATION OF CONSTRUCTION METHODS BEING EMPLOYED AT THESE STAGES OF CONSTRUCTION. OBSERVATIONS OF THE WORK IN PROGRESS AND/OR FIELD TESTING PERFORMED BY THE ENGINEER SHALL IN NO WAY EXCUSE THE CONTRACTOR FOR DEFECTS DISCOVERED IN THEIR WORK.
24. CONTRACTOR SHALL CONSTRUCT AND MAINTAIN CONSTRUCTION ENTRANCES ACCEPTABLE TO THE ENGINEER. CONSTRUCTION ENTRANCES SHALL FUNCTION TO MINIMIZE OFF-SITE SOIL TRACKING. ALL SOIL TRACKED OFF-SITE SHALL BE IMMEDIATELY CLEANED UP TO THE SATISFACTION OF THE ENGINEER.
25. THE CONTRACTOR SHALL REMOVE ALL SEDIMENT, MUD, AND CONSTRUCTION DEBRIS THAT MAY ACCUMULATE IN THE FLOWLINES AND PUBLIC RIGHT-OF-WAYS AS A RESULT OF THE SITE DEVELOPMENT. SEDIMENT REMOVAL SHALL BE CONDUCTED IN A TIMELY MANNER AND DIRECTED BY THE ENGINEER. DEBRIS MUST BE REMOVED WITHIN 24 HOURS BY AN APPROPRIATE MECHANICAL METHOD (I.E. MACHINE BROOM SWEEP, LIGHT DUTY FRONT-END LOADER, ETC.) OR AS APPROVED BY THE CONSTRUCTION INSPECTOR.
26. THE CONTRACTOR SHALL MAINTAIN DUST CONTROL THROUGHOUT THE CONSTRUCTION PERIOD BY APPLICATION OF WATER AND/OR AN ACCEPTABLE DUST PALLIATIVE DAILY OR MORE FREQUENTLY AS NEEDED OR DIRECTED BY THE OWNER. CONTRACTOR TO SUPPLY PROJECT WATER.
27. THE CONTRACTOR SHALL MAINTAIN EXISTING DRAINAGE CHANNELS, CULVERTS AND APPURTENANCES DURING CONSTRUCTION AS NECESSARY TO PROTECT ROADS AND PROPERTY. EAGLE COUNTY SHALL NOT BE RESPONSIBLE FOR THE MAINTENANCE OF STORM DRAINAGE FACILITIES LOCATED ON PRIVATE PROPERTY. MAINTENANCE OF ON SITE DRAINAGE FACILITIES SHALL BE THE RESPONSIBILITY OF THE PRIVATE OWNERS.
28. THE CONTRACTOR IS REQUIRED TO MAINTAIN ALL DRAINAGE IN EXCESS OF HISTORICAL FLOWS AND TIME OF CONCENTRATION ON SITE. ALL EXISTING DRAINAGE STRUCTURES SHALL BE EXTENDED, MODIFIED OR UPGRADED, AS APPLICABLE, TO ACCOMMODATE ALL NEW CONSTRUCTION AND SAFETY STANDARDS, IN ACCORDANCE WITH THE COUNTY'S STANDARD SPECIFICATIONS.
29. ALL SITE FINISHED GRADES SHALL PROVIDE FOR NATURAL RUNOFF OF WATER WITHOUT LOW SPOTS OR POCKETS. ALL SITE PAVING (EXCEPT SURROUNDING BUILDING FOUNDATIONS) SHALL HAVE A MINIMUM SLOPE OF 2.0% (ASPHALT), 1.0% (CONCRETE), UNLESS OTHERWISE NOTED. ALL DRAINAGE FLOW LINES SHALL BE GRADED TO HAVE A MINIMUM SLOPE OF 2.0%, UNLESS OTHERWISE NOTED OR WITHIN APPLICABLE SOILS REPORTS.
30. CONTRACTOR IS RESPONSIBLE FOR ALL EROSION CONTROL MEASURES FOR THE PROJECT FOLLOWING CDOT SPECIFICATION SECTIONS 208, 212, 213, AND 216.
31. CONTRACTOR SHALL PROVIDE AND MAINTAIN APPROVED EROSION AND SEDIMENT CONTROL "BEST MANAGEMENT PRACTICES" (BMP) FOR THE PROJECT DURATION. CONTRACTOR SHALL INSPECT BMP'S WEEKLY AND AFTER EVERY PRECIPITATION EVENT. CONTRACTOR SHALL DOCUMENT INSPECTION AND MAKE REPORTS AVAILABLE UPON REQUEST. ACCUMULATED SEDIMENT AND DEBRIS SHALL BE REMOVED FROM A BMP WHEN THE SEDIMENT LEVEL REACHES ONE HALF THE BMP HEIGHTS OR, AT ANY TIME THAT THE BMP FUNCTIONALITY IS ADVERSELY IMPACTED. ALL NECESSARY MAINTENANCE AND REPAIR SHALL BE COMPLETED WITHIN 48 HOURS OF IDENTIFICATION, UNLESS OTHERWISE AGREED UPON. TEMPORARY CONTROL STRUCTURES SHALL BE REMOVED AFTER VEGETATION HAS BEEN 70% ESTABLISHED OR WITHIN A REASONABLE TIMEFRAME AFTER CONSTRUCTION COMPLETION.
32. CONTRACTOR SHALL LIMIT ALL CONSTRUCTION ACTIVITIES, INCLUDING EQUIPMENT AND MATERIAL STORAGE, TO WITHIN THE PROPERTY CONSTRUCTION LIMITS OF DISTURBANCE (UNLESS OTHERWISE AGREED UPON WITH THE NEIGHBORING PROPERTY OWNER), EXCEPT AS LIMITED BY WETLAND BOUNDARIES AND OTHER SITE FACTORS. ADDITIONAL AREAS REQUIRED BY THE CONTRACTOR FOR STORAGE, STAGING, OR ANY OTHER FUNCTIONS SHALL BE OBTAINED BY THE CONTRACTOR WITH NO ADDITIONAL COST TO THE OWNER. ANY DISTURBANCE BEYOND THESE LIMITS SHALL BE RESTORED BY THE CONTRACTOR AT THEIR OWN EXPENSE, INCLUDING REGRADING, SEEDING AND MULCHING TO THE SATISFACTION OF THE OWNER AND LAND OWNER. CONSTRUCTION ACTIVITY IN ADDITION TO NORMAL CONSTRUCTION PROCEDURE SHALL INCLUDE THE PARKING OF VEHICLES OR EQUIPMENT, DISPOSAL OF LITTER AND ANY OTHER ACTION WHICH WOULD ALTER THE EXISTING CONDITIONS.
33. THE CONTRACTOR SHALL TAKE ALL APPROPRIATE PRECAUTIONS TO SIGNIFICANTLY REDUCE ANY POTENTIAL POLLUTION CAUSED BY THEIR ACTIVITIES, INCLUDING VEHICLE FUELING, STORAGE OF FERTILIZERS OR CHEMICALS, ETC. THE CONTRACTOR SHALL HAVE IDENTIFIED PROCEDURES FOR HANDLING POTENTIAL POLLUTANTS AND HAVE IDENTIFIED SPILL PREVENTION AND RESPONSE PROCEDURES PRIOR TO ANY ACTIVITIES AT THE PROJECT SITE.
34. IF ANY GROUNDWATER IS ENCOUNTERED, CONTRACTOR SHALL IMMEDIATELY CONTACT THE OWNER AND GEOTECHNICAL ENGINEER. WORK SHALL BE HALTED UNTIL THE CONTRACTOR OBTAINS A CDPHE CONSTRUCTION DEWATERING PERMIT.
35. A STORMWATER MANAGEMENT PLAN (SWMP) IS REQUIRED BY THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENTAL (CDPHE) WATER QUALITY CONTROL DIVISION (WQCD) CDPHE-WQCD FOR ANY CONSTRUCTION ACTIVITIES THAT INCLUDE ONE (1) ACRE OF MORE OF CONSTRUCTION ACTIVITY DISTURBANCE. A PHASED CONSTRUCTION PLAN CAN BE SUBMITTED TO DELINEATE PROJECT PHASING AND AREAS OF DISTURBANCE UNDER (1) ACRE. CONTRACTOR SHALL BE RESPONSIBLE TO PREPARE AND SUBMIT A SWMP AND ALL OTHER DOCUMENTATION.
36. ALL DISCHARGES ARE SUBJECT TO THE PROVISIONS OF THE COLORADO WATER QUALITY ACT AND COLORADO DISCHARGE PERMIT REGULATIONS. PROHIBITED DISCHARGES INCLUDE SUBSTANCES SUCH AS: WASH WATER, PAINT, AUTOMOTIVE FLUIDS, SOLVENTS, OILS OR SOAPS, OR OTHER DISCHARGES, INCLUDING STORM WATER DISCHARGES FROM INDUSTRIAL FACILITY OR CONSTRUCTION SITES, MAY REQUIRE COLORADO DISCHARGE PERMIT SYSTEM PERMITS FROM CDPE BEFORE WORK BEGINS. FOR ADDITIONAL INFORMATION AND FORMS, GO TO CDPHE WEBSITE AT: <https://www.colorado.gov/cdphe> OR <https://www.colorado.gov/cdphe/cdphe/news/water-quality-permits>.
37. UNLESS OTHERWISE IDENTIFIED BY EAGLE COUNTY OR THE COLORADO DEPARTMENT OF PUBLIC HEALTH AND ENVIRONMENTAL (CDPHE) WATER QUALITY CONTROL DIVISION (WQCD) AS SIGNIFICANT SOURCES OF POLLUTANTS TO THE WATERS OF THE STATE, THE FOLLOWING DISCHARGES TO STORM WATER SYSTEMS ARE ALLOWED WITHOUT A COLORADO DISCHARGE PERMIT SYSTEM PERMIT: LANDSCAPE IRRIGATION, DIVERTED FRESH FLOWS, UNCONTAMINATED GROUND WATER INFILTRATION TO SEPARATE STORM SEWERS, DISCHARGES FROM POTABLE WATER SOURCES, FOUNDATION DRAINS, AIR CONDITION CONDENSATION, IRRIGATION WATER, SPRINGS, FOOTING DRAINS, WATER LINE FLUSHING, FLOWS FROM RIPARIAN HABITATS AND WETLANDS, AND FLOW FROM FIRE FIGHTING ACTIVITIES.
38. ANY EXCAVATION SHORING METHODS USED THAT ENCROACH UPON ADJACENT PUBLIC OR PRIVATE PROPERTY SHALL HAVE APPROVAL BY THE APPROPRIATE OWNER AND HAVE A RECORDED EASEMENT PRIOR TO CONSTRUCTION.
39. ALL SLOPES GREATER THAN 2:1 SHALL RECEIVE APPROPRIATE PERMANENT EROSION CONTROL BLANKETS, TREATMENT, MULCH-TACKIFIER, AND/OR OTHER APPROPRIATE DEVICES TO ADEQUATELY CONTROL EROSION. CONTRACTOR ULTIMATELY RESPONSIBLE FOR ALL BMP'S. SOIL RETENTION BLANKETS SHALL BE EXCELSIOR TYPE 2 100% BIODEGRADABLE (OR ENGINEER APPROVED EQUAL). CONTRACTOR SHALL PROVIDE SUBMITTAL FOR APPROVAL.
40. ALL AREAS OF EXCAVATION OR EMBANKMENT SHALL BE TREATED WITH APPROVED SEEDING, MULCH/TACKIFIER, AND 4" MIN TOPSOIL (OR ENGINEER APPROVED IN-SITU SOIL) OR AS INDICATED ON THE PLANS. AREAS OF RESEEDING/RESTORATION SHALL BE IN ACCORDANCE WITH SECTION 212 OF THE CDOT STANDARD SPECIFICATIONS AND THE ASSOCIATED PROJECT SPECIFICATIONS.

- [illegible]



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CLIENT: **EAGLE COUNTY-ECO TRAILS**

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# GENERAL NOTES SHEET

EAGLE VALLEY TRAILS -DOWD TO MINTURN SEGMENT  
TOWN OF MINTURN  
EAGLE COUNTY, COLORADO

DESIGNED BY: BPS

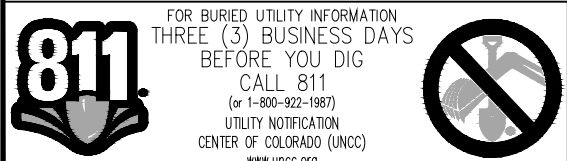
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CHECKED BY:	BPS

DATE ISSUED: 5-4-2

PROJECT NO.  
15-0096

SHEET NO.

2 OF 20





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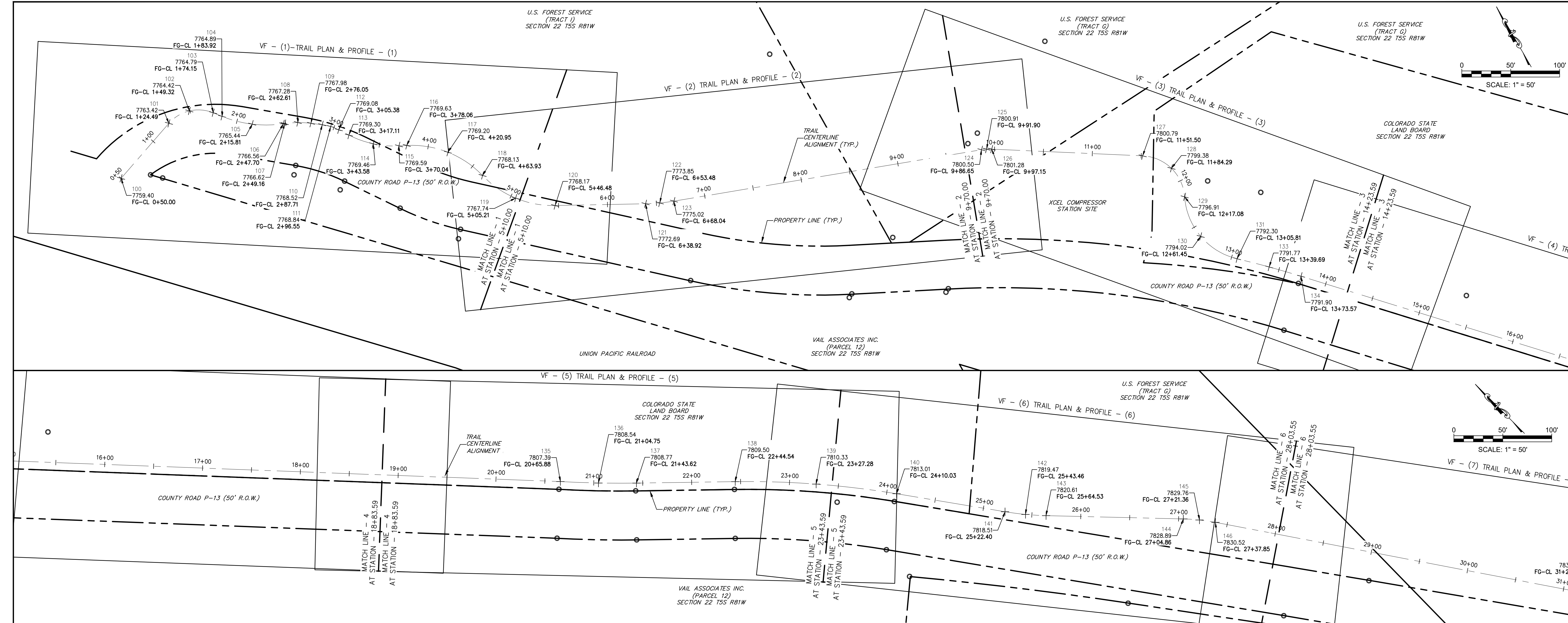
EAGLE VALLEY TRAILS --DOWD TO MINTURN SEGMENT  
TOWN OF MINTURN  
EAGLE COUNTY, COLORADO

SHEET NO.  
**3 OF 2**









Point Table				
Point #	Northing	Easting	Elevation	Description
100	1646951.20	2734686.33	7759.40	FG-CL 0+50.00
101	1646975.44	2734756.77	7763.42	FG-CL 1+24.49
102	1646975.95	2734781.20	7764.42	FG-CL 1+49.32
103	1646962.16	2734801.36	7764.79	FG-CL 1+74.15
104	1646954.45	2734807.36	7764.89	FG-CL 1+83.92
105	1646932.15	2734830.03	7765.44	FG-CL 2+15.81
106	1646916.59	2734857.75	7766.56	FG-CL 2+47.70
107	1646916.05	2734859.12	7766.62	FG-CL 2+49.16

Point Table				
Point #	Northing	Easting	Elevation	Description
108	1646910.25	2734871.24	7767.28	FG-CL 2+62.61
109	1646902.89	2734882.47	7767.98	FG-CL 2+76.05
110	1646895.86	2734891.77	7768.52	FG-CL 2+87.71
111	1646889.94	2734898.31	7768.84	FG-CL 2+96.55
112	1646882.96	2734903.71	7769.08	FG-CL 3+05.38
113	1646873.08	2734910.04	7769.30	FG-CL 3+17.11
114	1646852.94	2734927.09	7769.46	FG-CL 3+43.58
115	1646837.96	2734948.81	7769.59	FG-CL 3+70.04

Point Table				
Point #	Northing	Easting	Elevation	Description
116	1646834.31	2734955.96	7769.63	FG-CL 3+78.06
117	1646807.36	2734988.89	7769.20	FG-CL 4+20.95
118	1646769.05	2735007.65	7768.13	FG-CL 4+63.93
119	1646732.11	2735025.40	7767.74	FG-CL 5+05.21
120	1646705.39	2735056.48	7768.17	FG-CL 5+46.48
121	1646660.78	2735137.44	7772.69	FG-CL 6+38.92
122	1646654.22	2735150.44	7773.85	FG-CL 6+53.48
123	1646648.62	2735163.88	7775.02	FG-CL 6+68.04

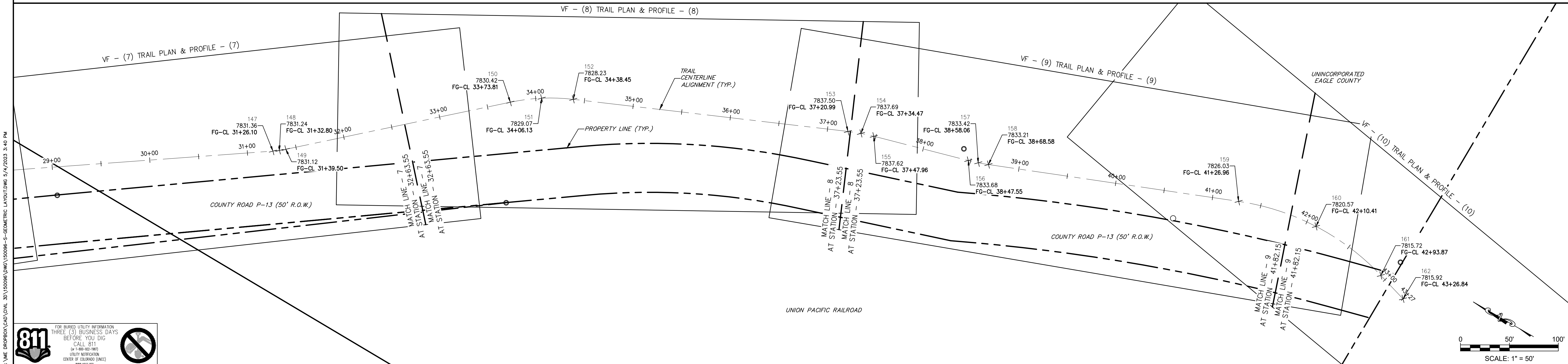
Point Table				
Point #	Northing	Easting	Elevation	Description
124	1646536.95	2735462.27	7800.50	FG-CL 9+86.65
125	1646534.85	2735467.08	7800.91	FG-CL 9+91.90
126	1646532.27	2735471.65	7801.28	FG-CL 9+97.15
127	1646449.22	2735601.75	7800.79	FG-CL 11+51.50
128	1646423.47	2735620.86	7799.38	FG-CL 11+84.29
129	1646391.52	2735617.97	7796.91	FG-CL 12+17.08
130	1646348.31	2735611.97	7794.02	FG-CL 12+61.45
131	1646309.94	2735632.73	7792.30	FG-CL 13+05.81

Point Table				
Point #	Northing	Easting	Elevation	Description
133	1646286.26	2735656.95	7791.77	FG-CL 13+39.69
134	1646261.80	2735680.39	7791.90	FG-CL 13+73.57
135	1645754.21	2736151.18	7807.39	FG-CL 20+65.88
136	1645725.71	2736177.61	7808.54	FG-CL 21+04.75
137	1645698.15	2736205.01	7808.77	FG-CL 21+43.62
138	1645627.85	2736277.42	7809.50	FG-CL 22+44.54
139	1645567.63	2736333.13	7810.33	FG-CL 23+27.28
140	1645502.57	2736385.22	7813.01	FG-CL 24+10.03

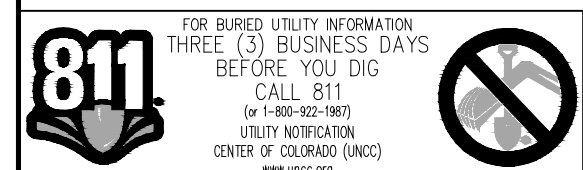
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142	1645394.49	2736463.44	7819.47	FG-CL 25+43.46
143	1645378.74	2736477.43	7820.61	FG-CL 25+64.53
144	1645277.16	2736574.25	7828.89	FG-CL 27+04.86
145	1645264.76	2736585.12	7829.76	FG-CL 27+21.36
146	1645251.51	2736594.94	7830.52	FG-CL 27+37.85
147	1644930.30	2736813.02	7831.36	FG-CL 31+26.10
148	1644924.88	2736816.96	7831.24	FG-CL 31+32.80

Point Table				
Point #	Northing	Easting	Elevation	Description
149	1644919.74	2736821.26	7831.12	FG-CL 31+39.50
150	1644745.21	2736977.59	7830.42	FG-CL 33+73.81
151	1644719.51	2736997.12	7829.07	FG-CL 34+06.13
152	1644690.99	2737012.26	7828.23	FG-CL 34+38.45
160	1643968.90	2737279.27	7820.57	FG-CL 42+10.41
161	1643886.46	2737269.06	7815.72	FG-CL 42+93.87
162	1643854.87	2737259.63	7815.92	FG-CL 43+26.84

Point Table				
Point #	Northing	Easting	Elevation	Description
157	1644300.18	2737163.04	7833.42	FG-CL 38+58.06
158	1644290.31	2737166.66	7833.21	FG-CL 38+68.58
159	1644050.13	2737261.90	7826.03	FG-CL 41+26.96
160	1643968.90	2737279.27	7820.57	FG-CL 42+10.41
161	1643886.46	2737269.06	7815.72	FG-CL 42+93.87
162	1643854.87	2737259.63	7815.92	FG-CL 43+26.84



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CLIENT: EAGLE COUNTY-ECO TRAILS

**ALIGNMENT SURVEY POINT DATA**  
EAGLE VALLEY TRAILS - DOWD TO MINTURN SEGMENT  
TOWN OF MINTURN  
EAGLE COUNTY, COLORADO

DESIGNED BY:	BPS
DRAWN BY:	ELS
CHECKED BY:	BPS
DATE ISSUED:	5-4-23
PROJECT NO.	15-0096
SHEET NO.	5 OF 26



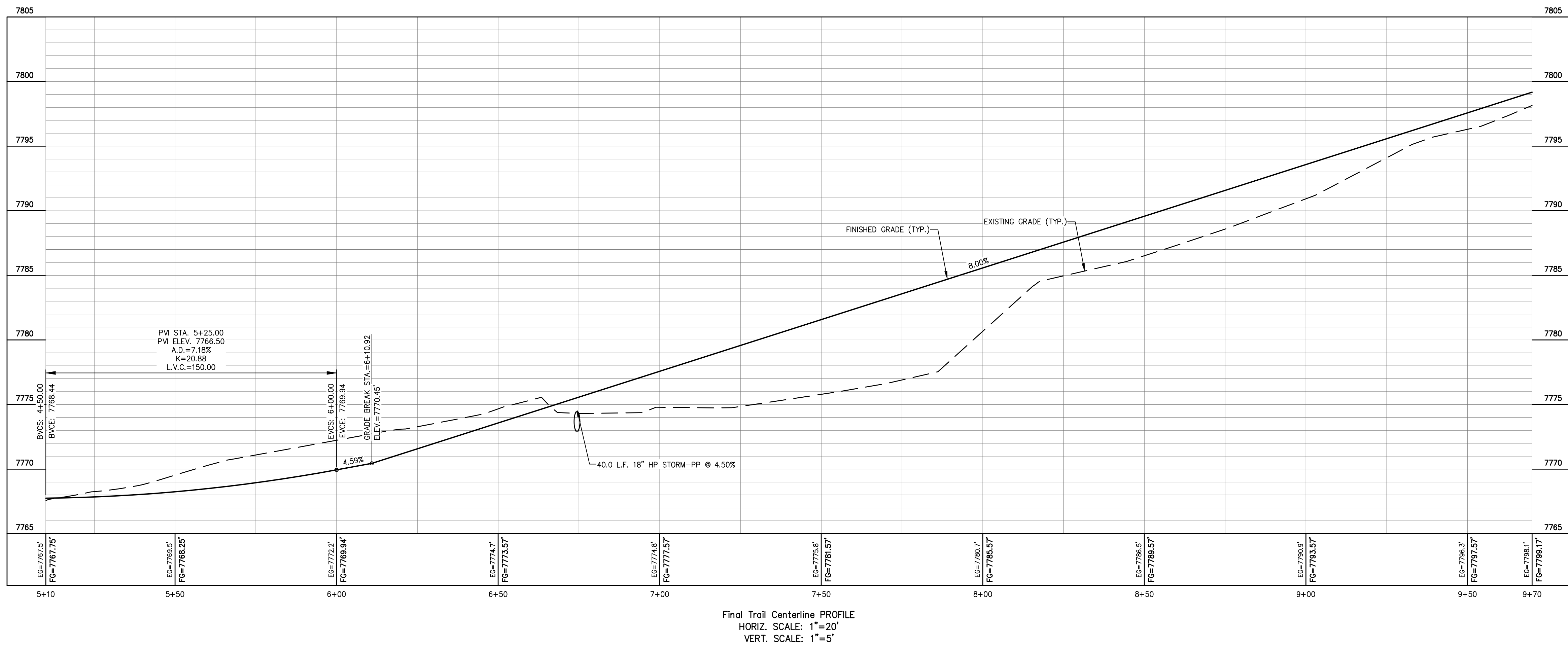
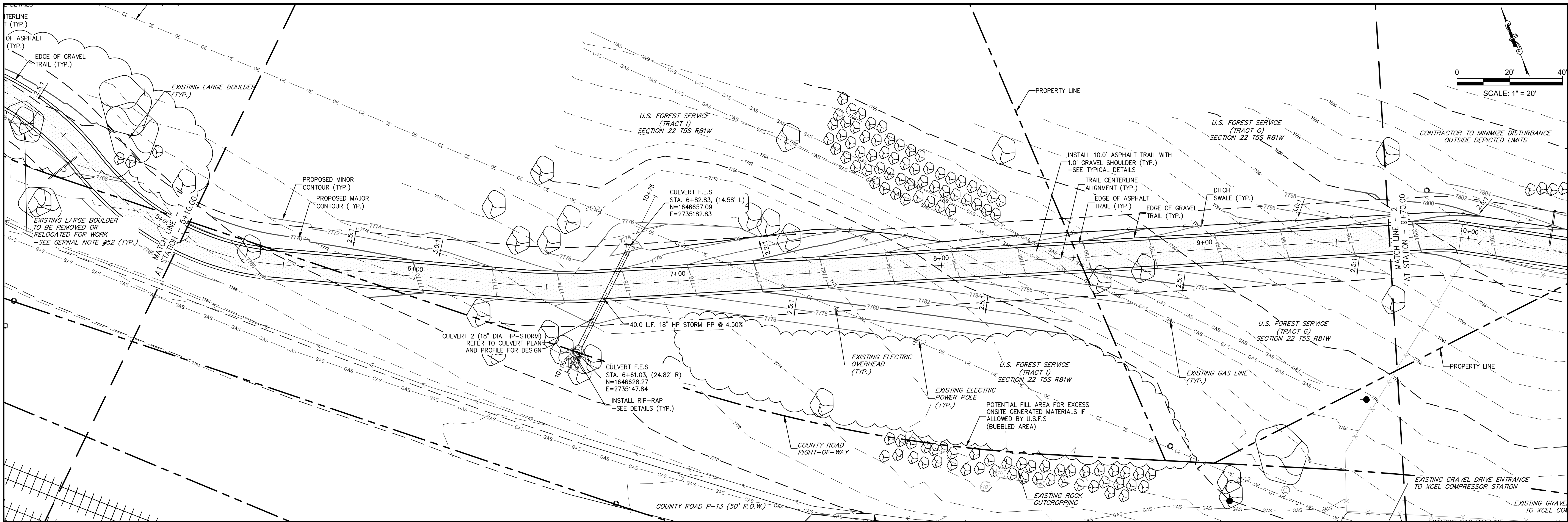




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Civil Engineers & Surveyors  
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TOWN OF MINTURN  
EAGLE COUNTY, COLORADO

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SHEET NO.	7 OF 26











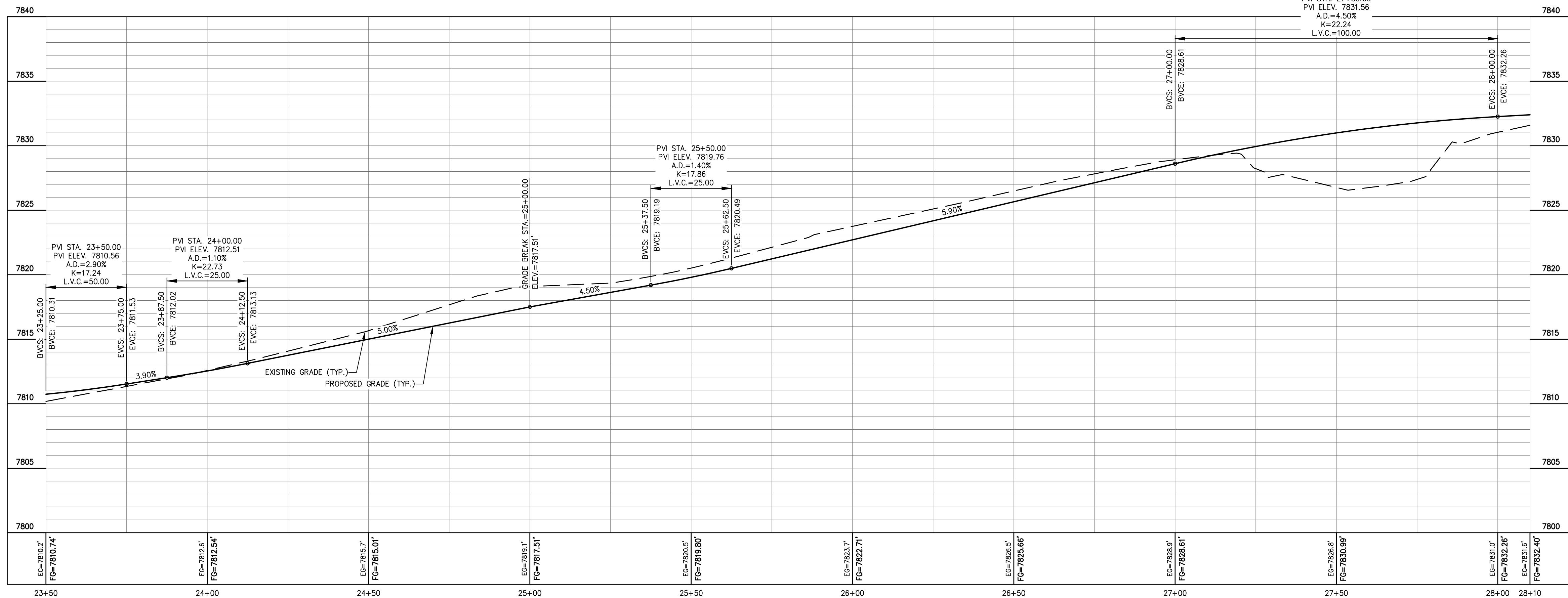
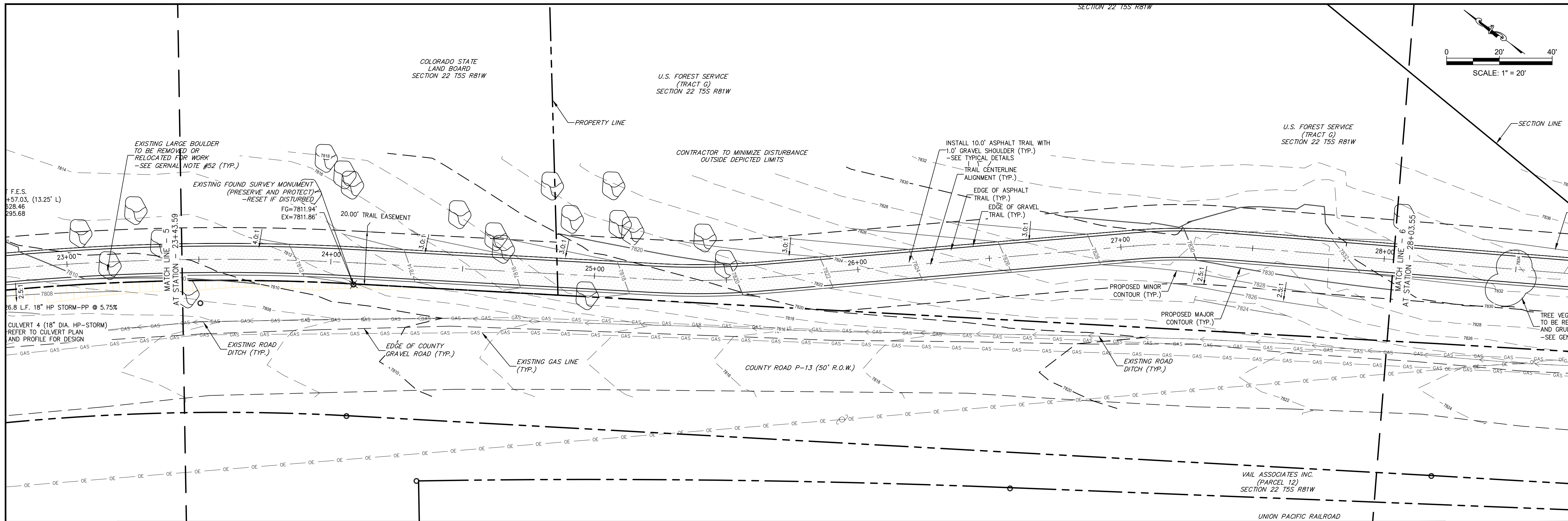




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Final Trail Centerline Profile  
HORIZ. SCALE: 1"=20'  
VERT. SCALE: 1"=5'

NO.	DATE	REVISION	BY

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**TRAIL PLAN AND PROFILE - (6)**  
EAGLE VALLEY TRAILS -DOWD TO MINTURN SEGMENT  
TOWN OF MINTURN  
EAGLE COUNTY, COLORADO

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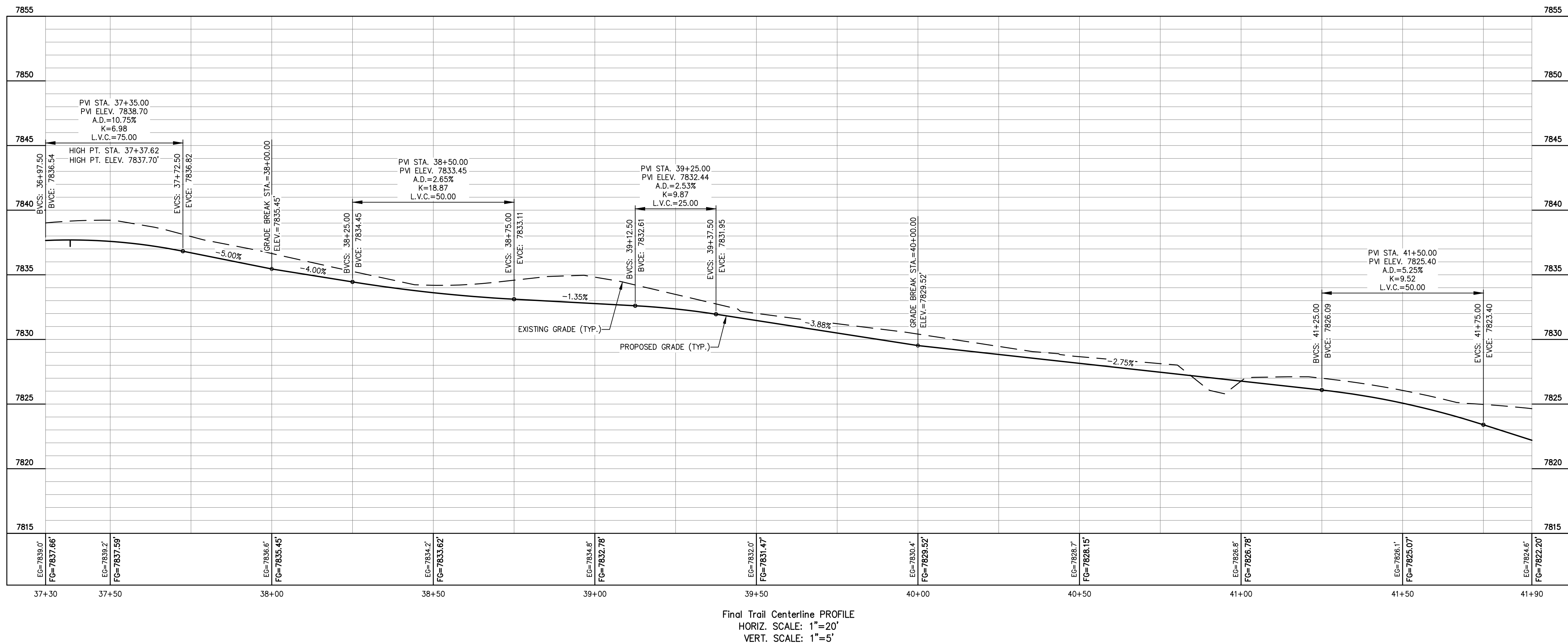
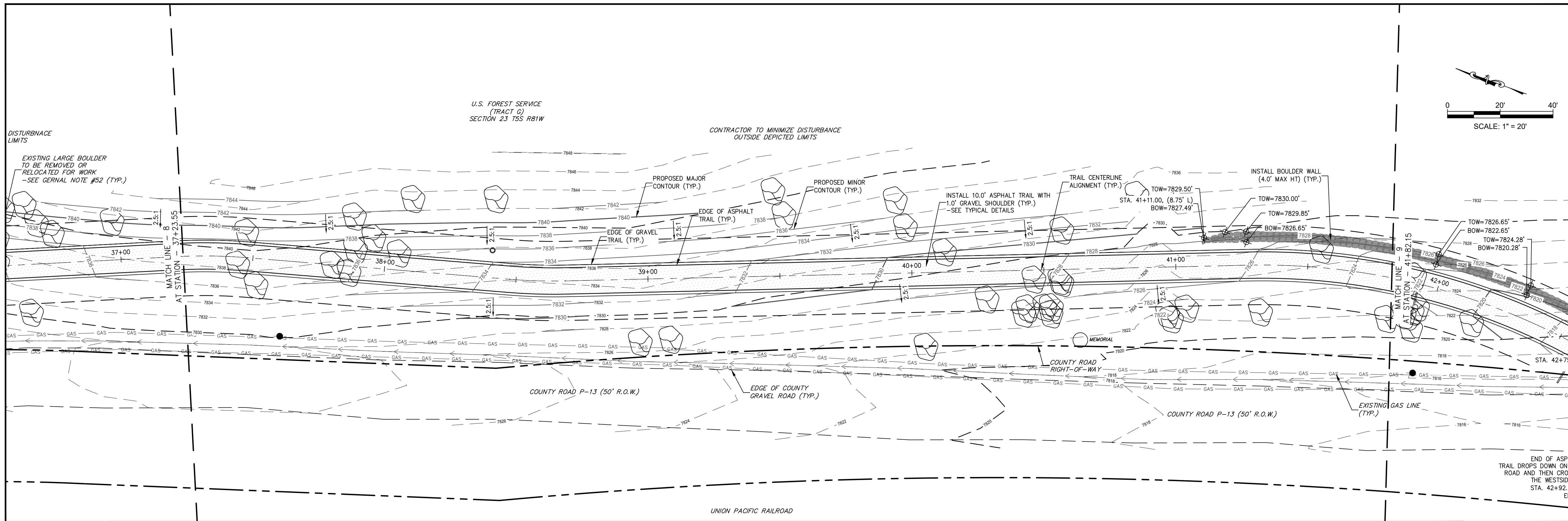




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## TRAIL PLAN AND PROFILE - (9)

EAGLE VALLEY TRAILS -DOWD TO MINTURN SEGMENT  
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NO. DATE

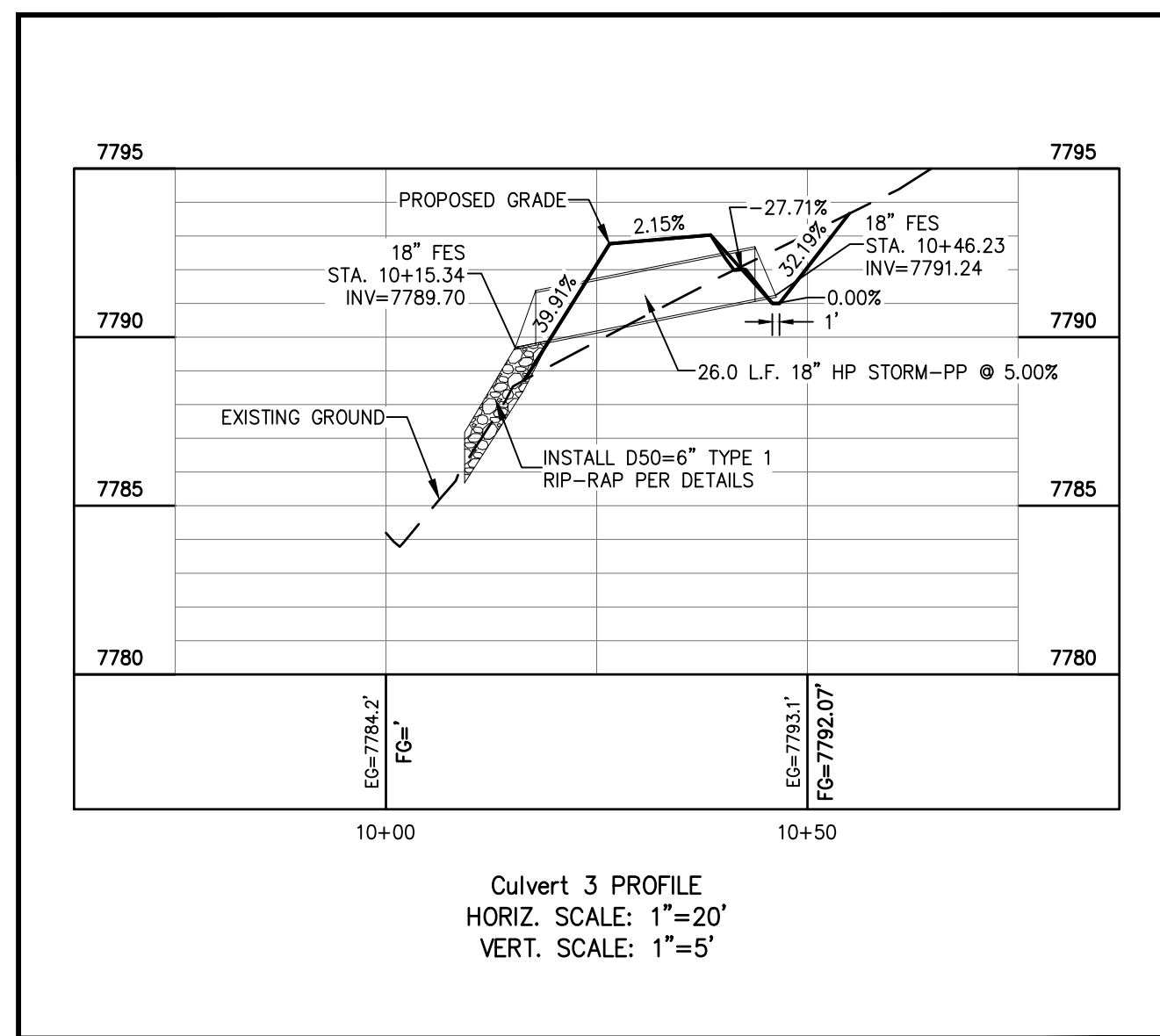
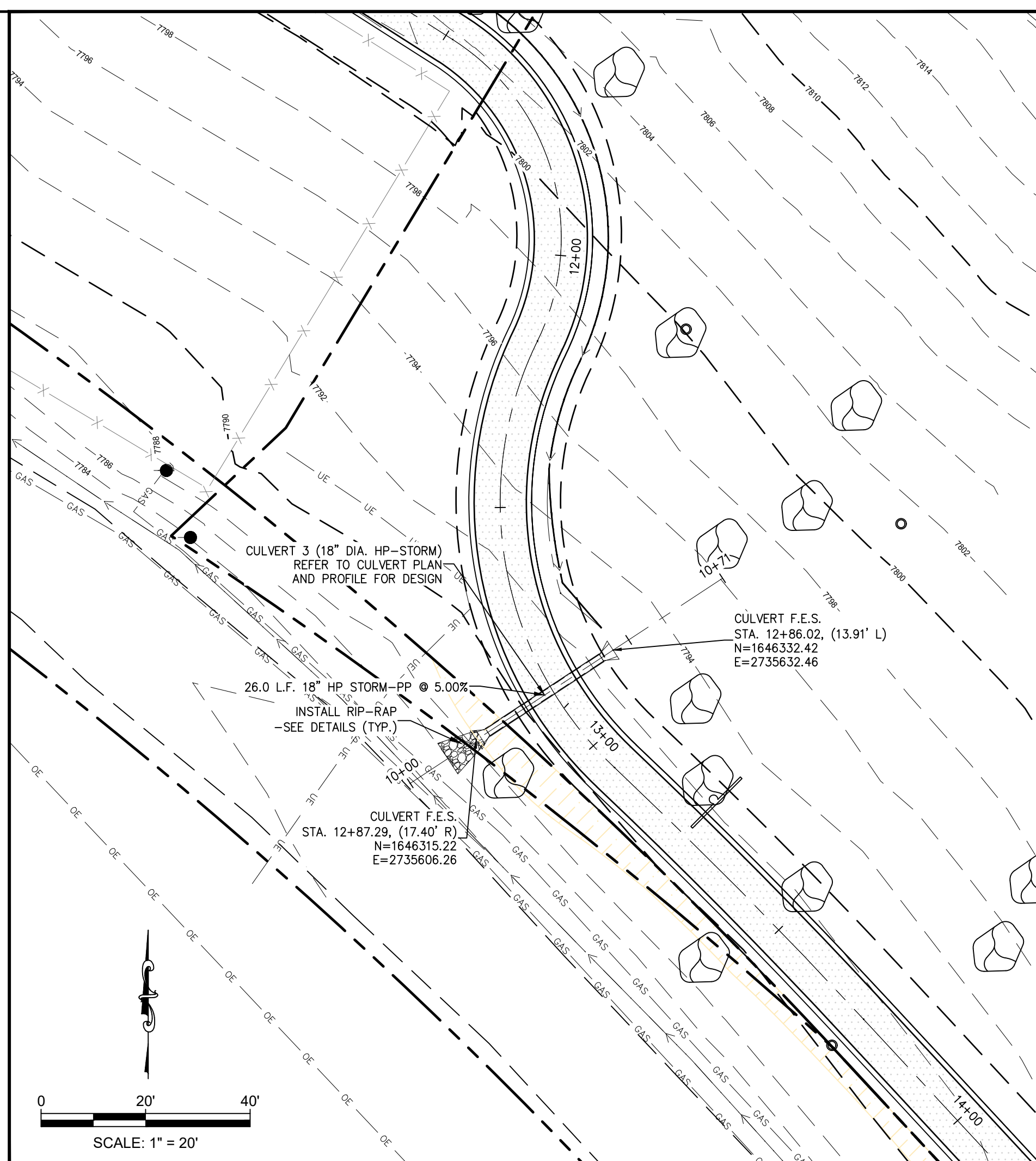
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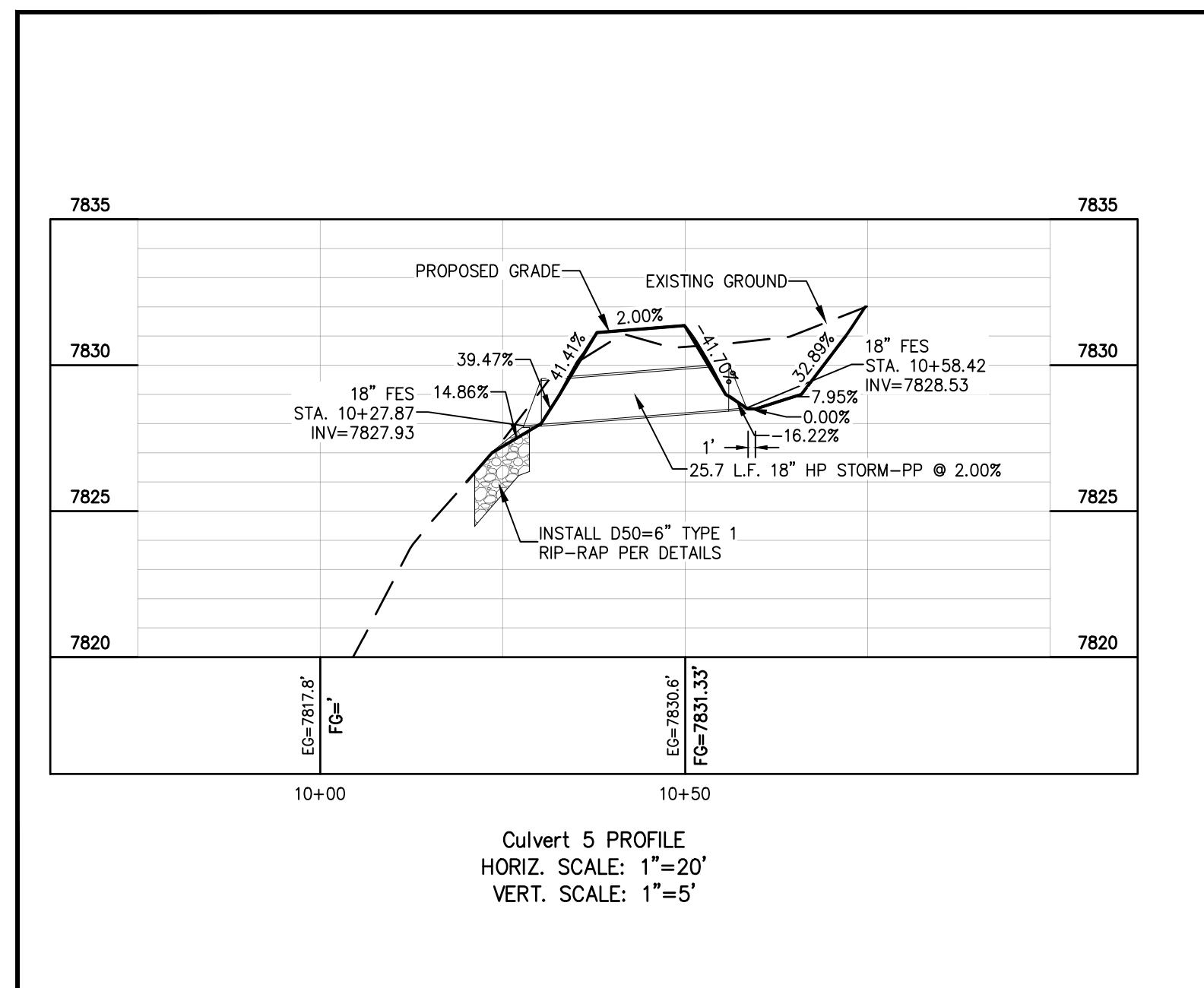
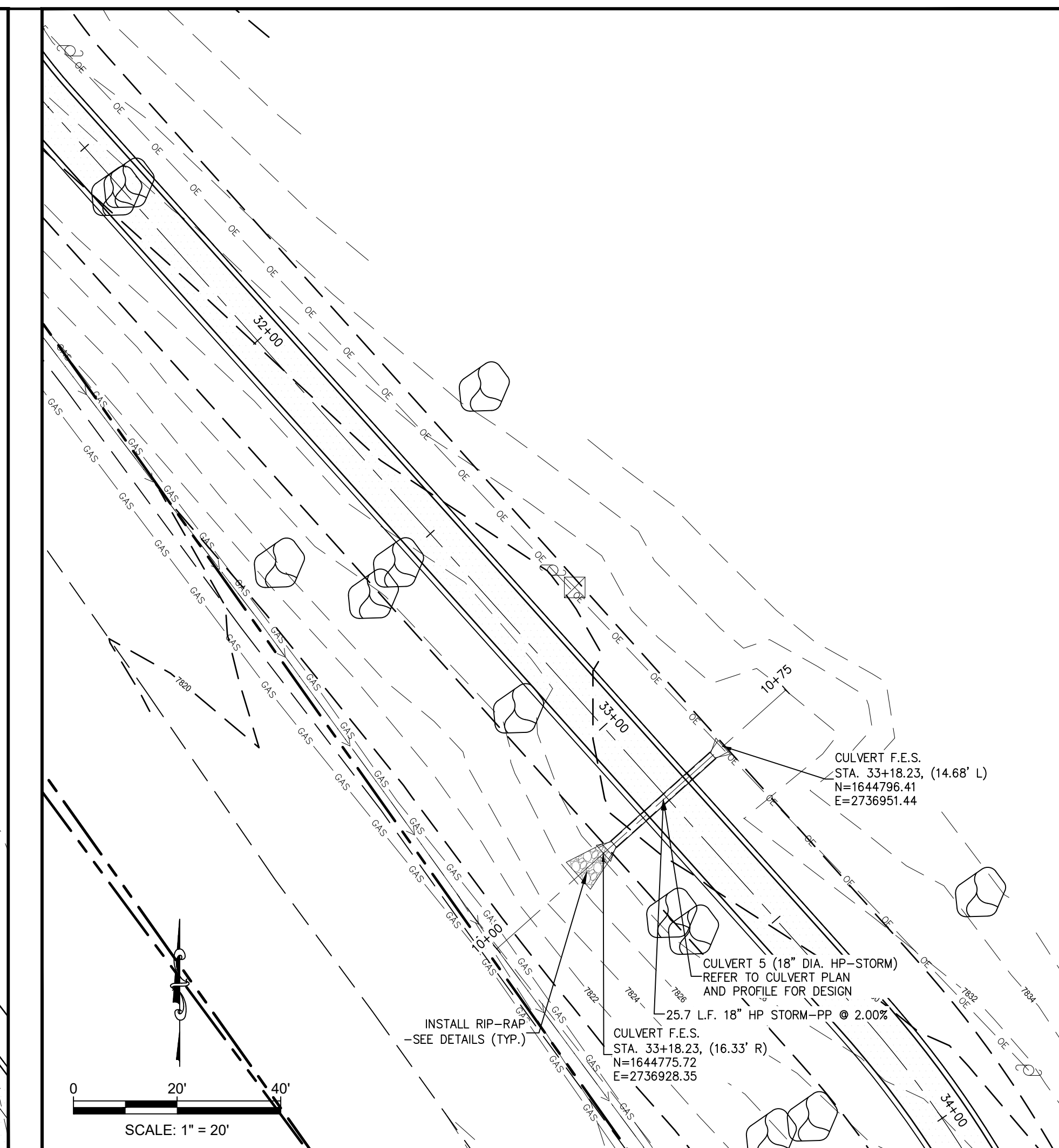




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SHEET NO. <b>16 OF 26</b>	



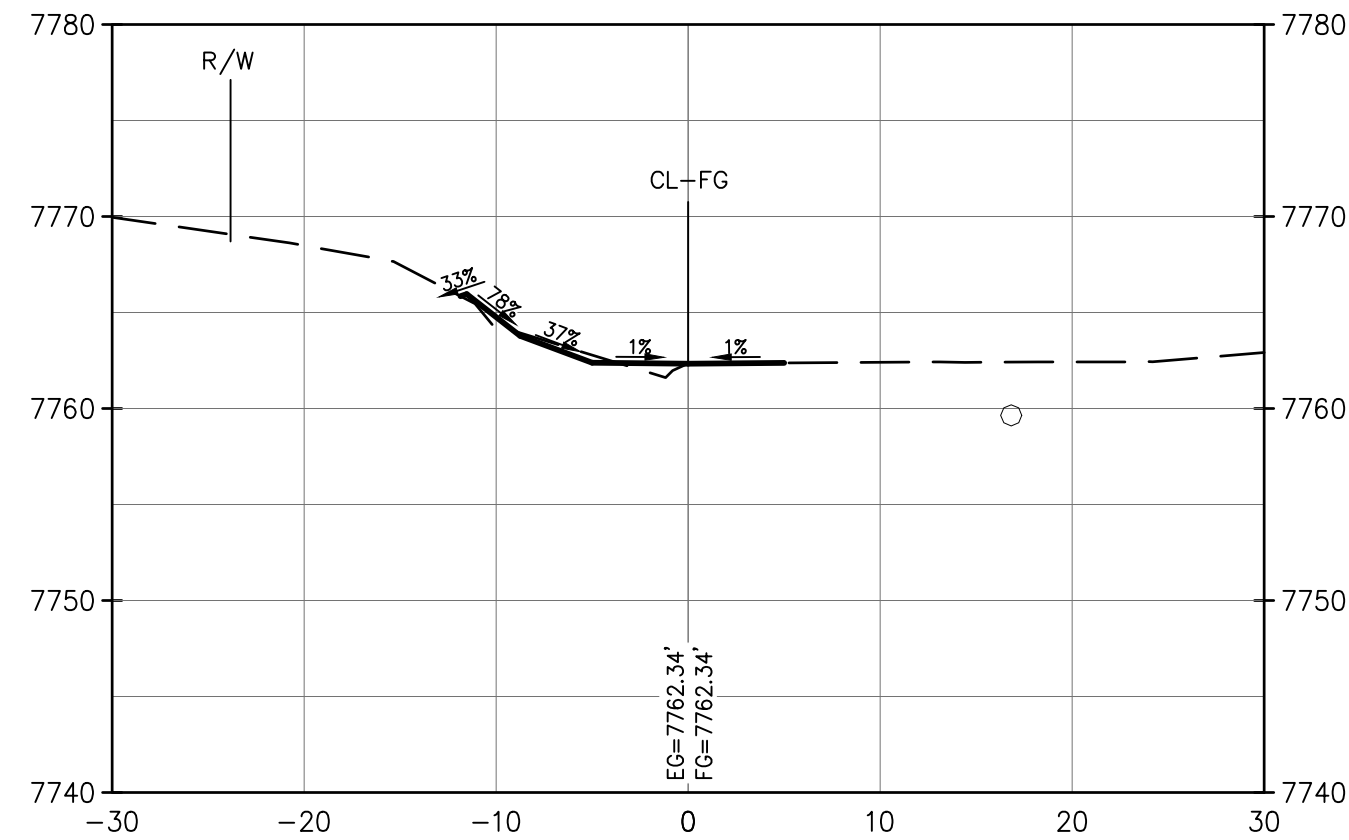




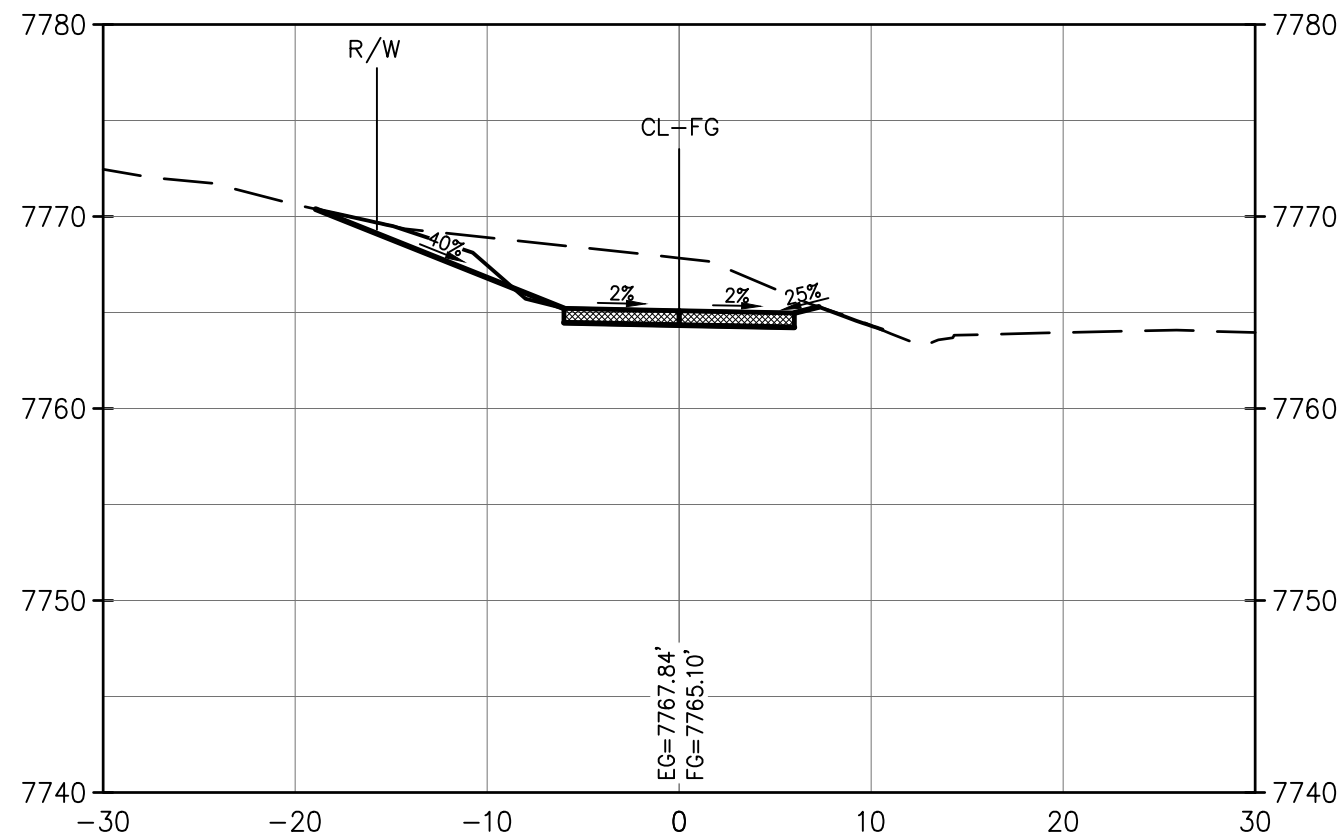
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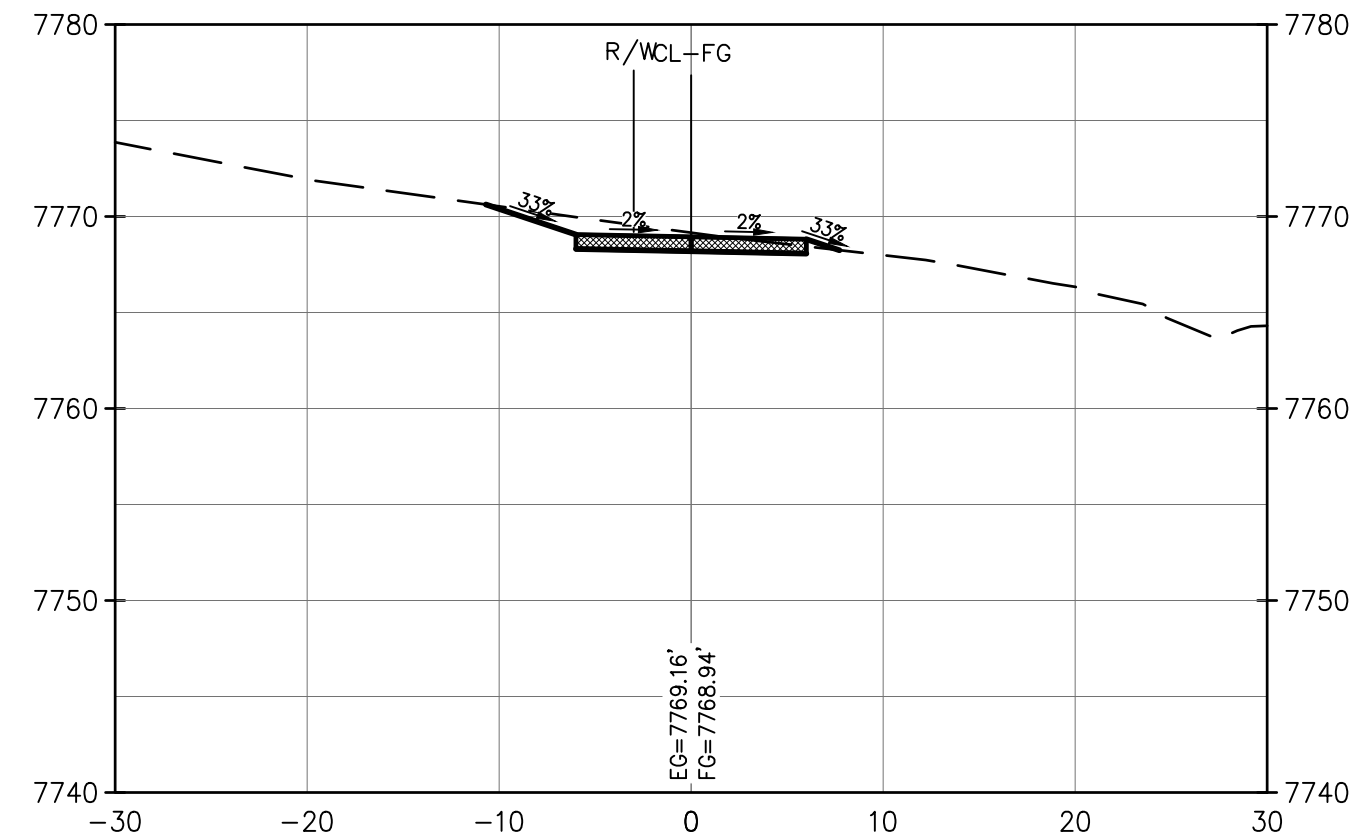
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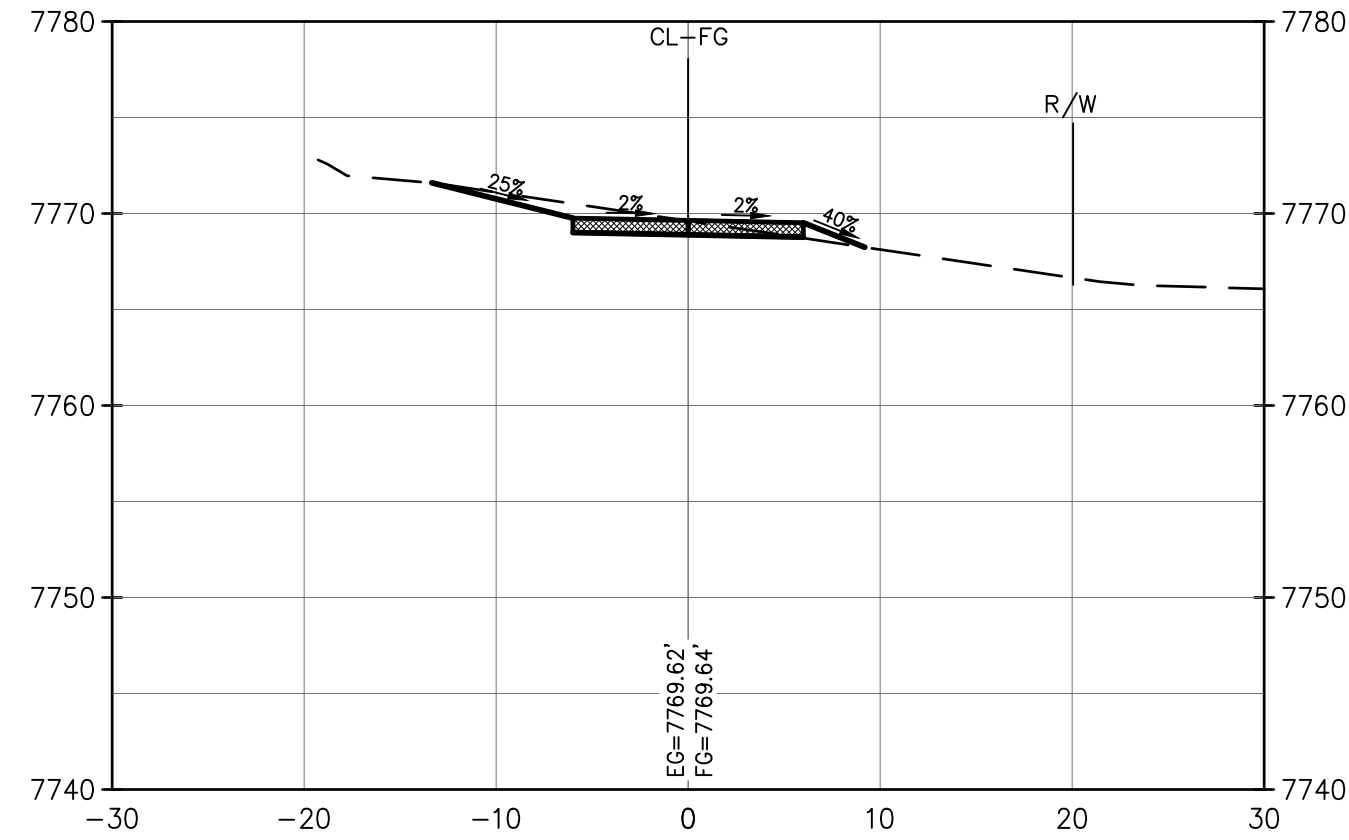
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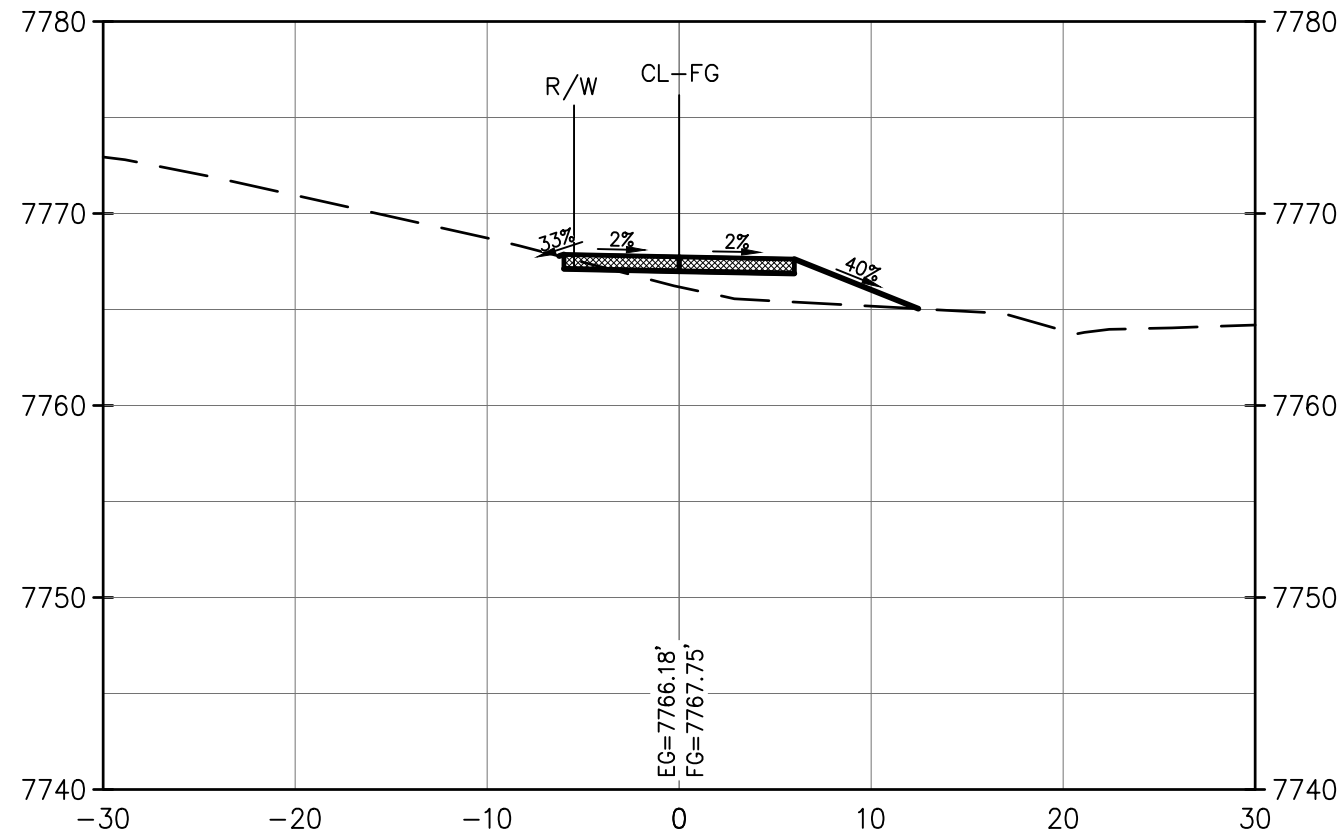
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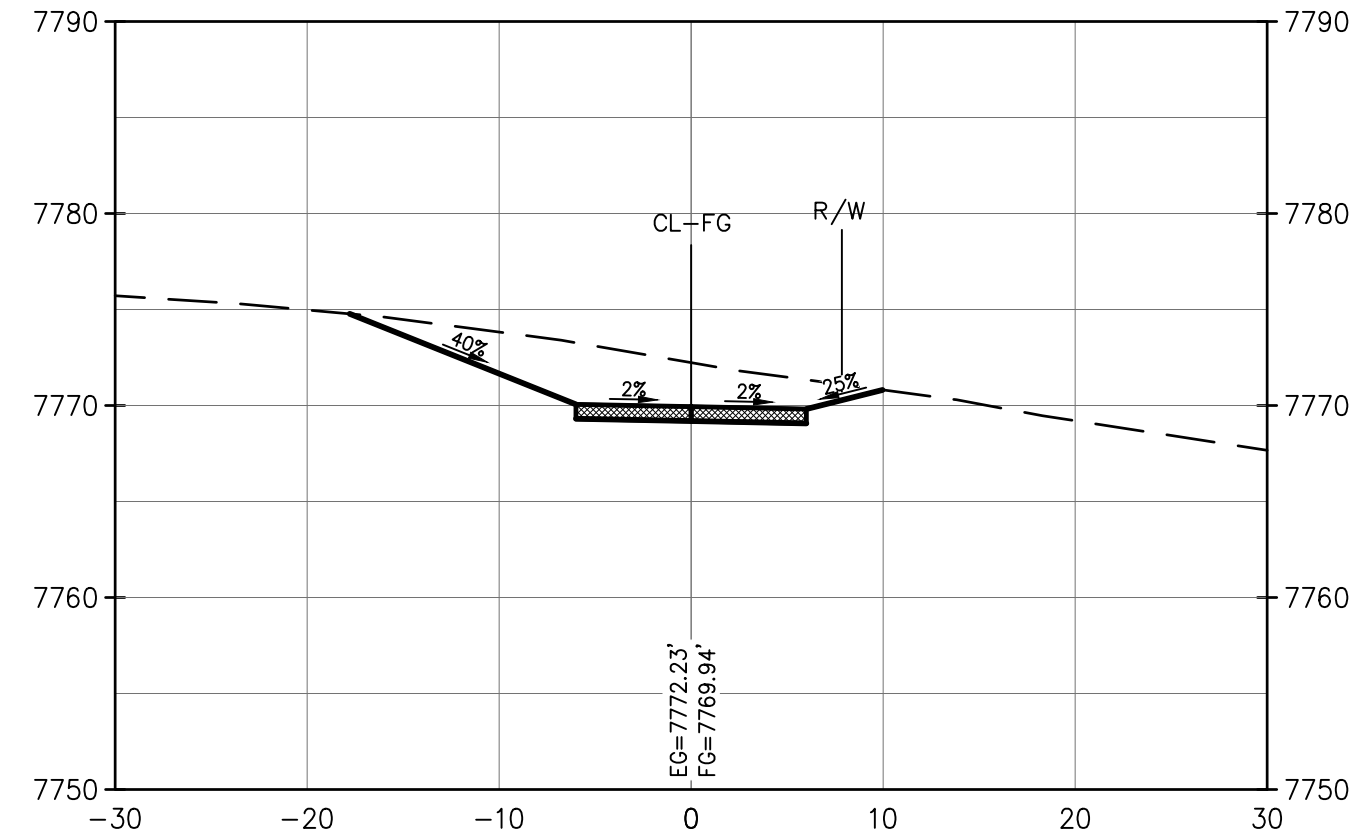
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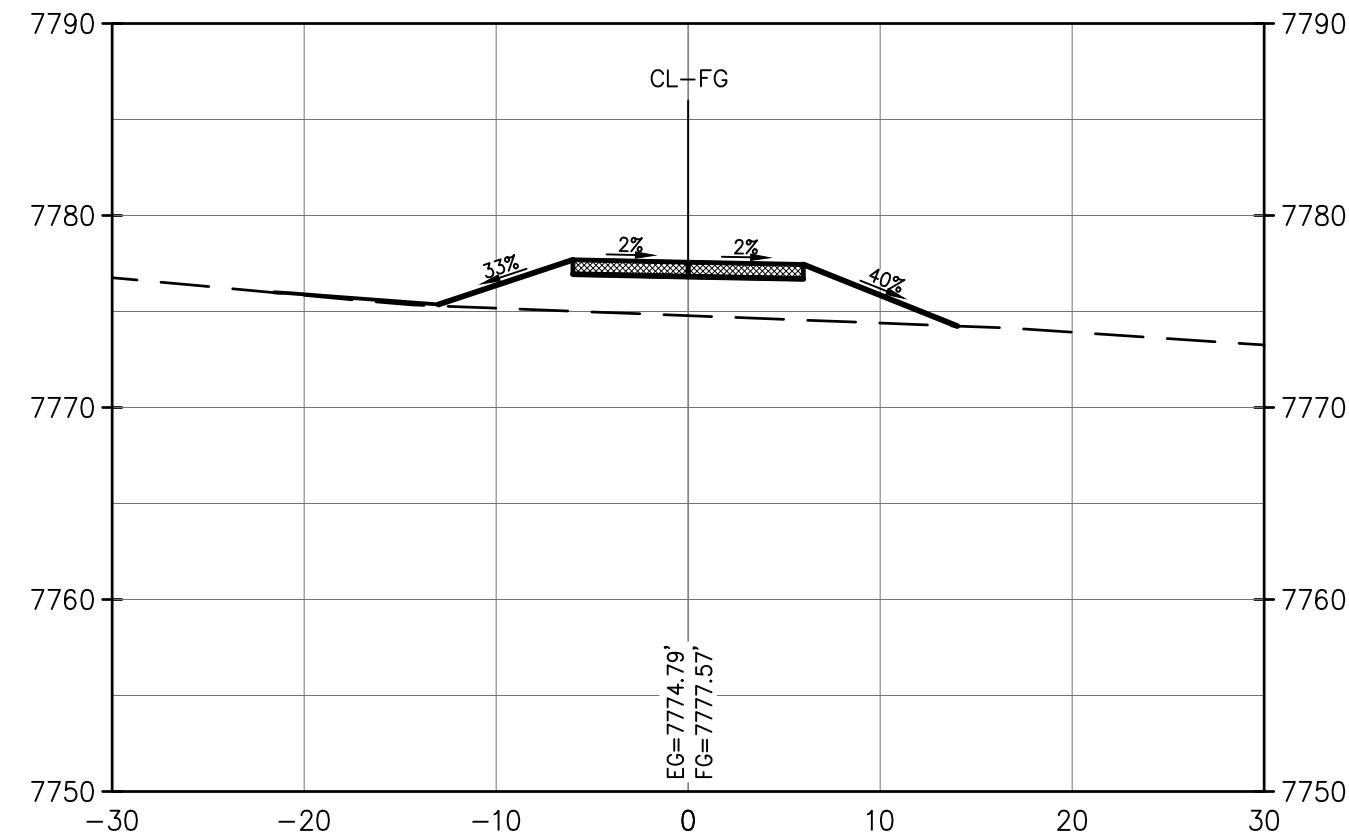
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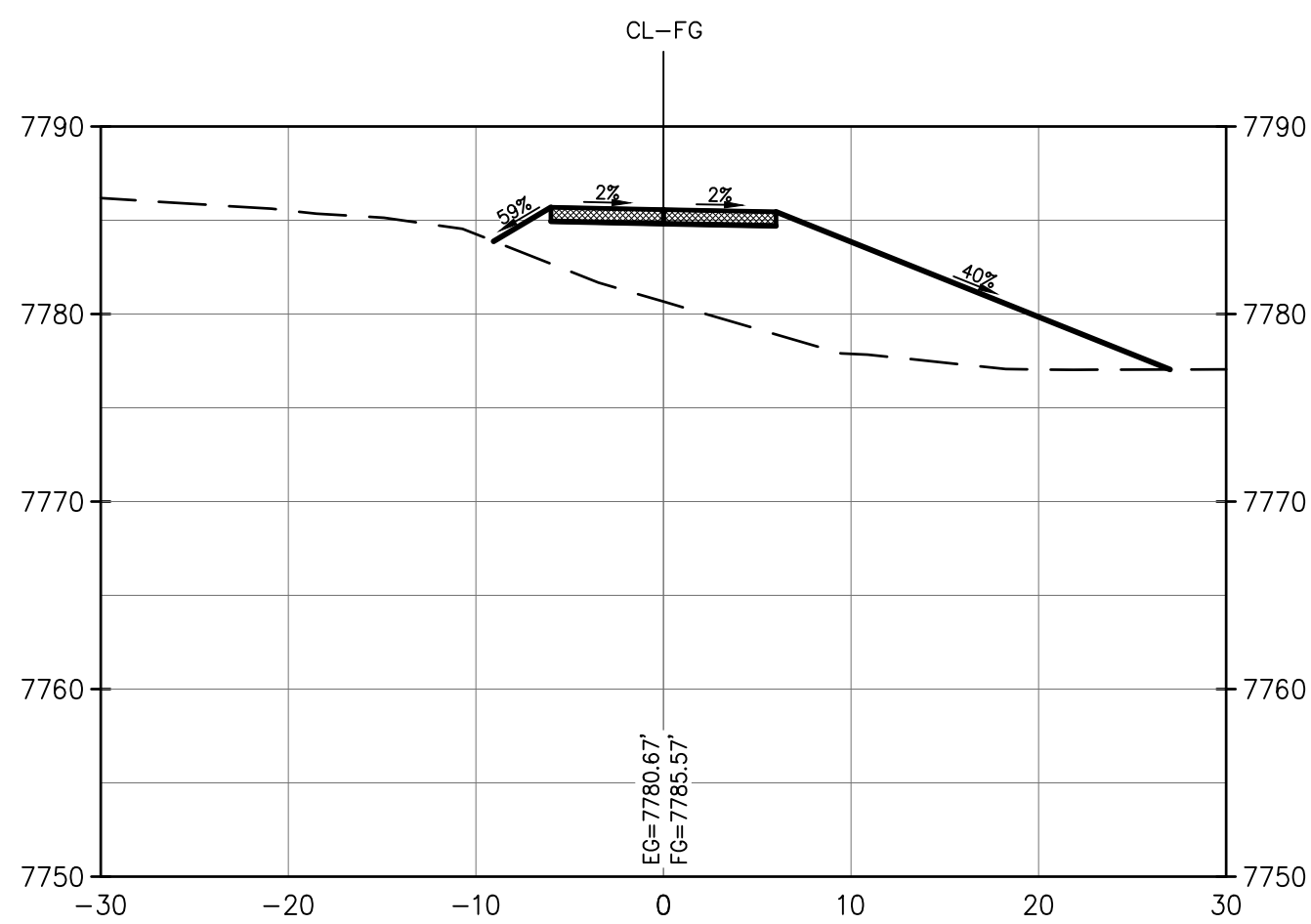
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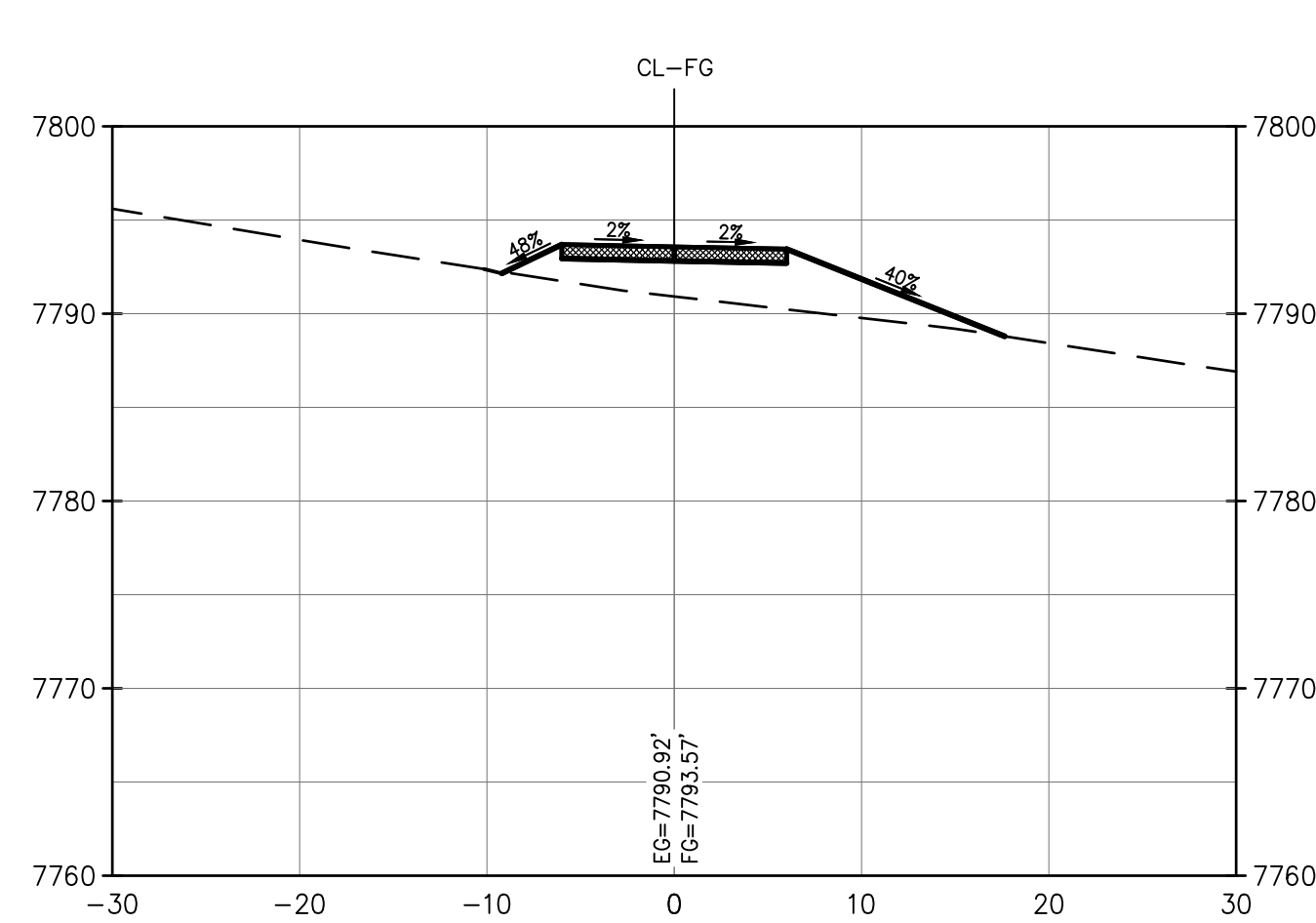
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STA.=9+00.00  
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--- EXISTING GRADE  
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**TRAIL CROSS-SECTIONS - (1)**  
EAGLE VALLEY TRAILS -DOWD TO MINTURN SEGMENT  
TOWN OF MINTURN  
EAGLE COUNTY, COLORADO

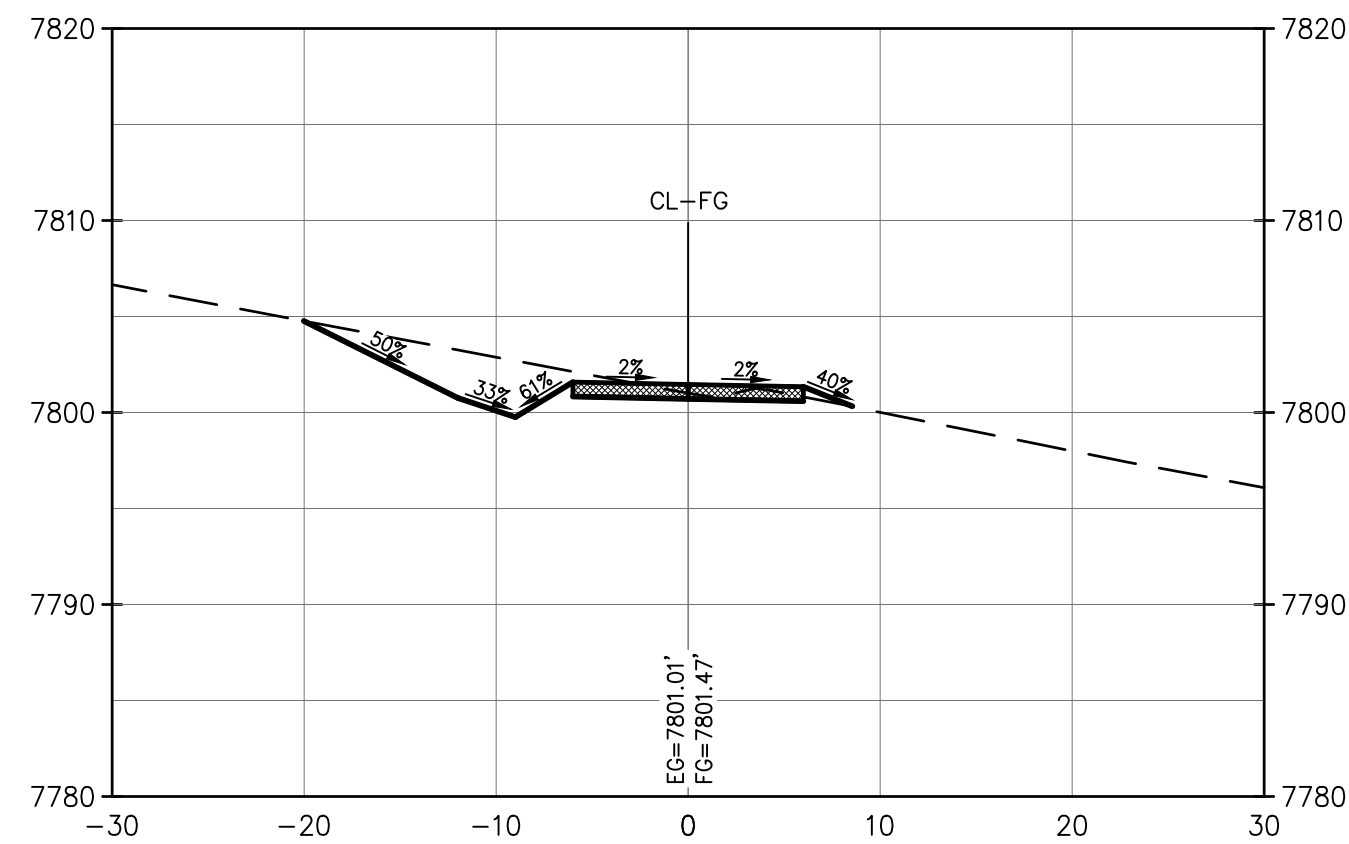
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SHEET NO.	18 OF 26



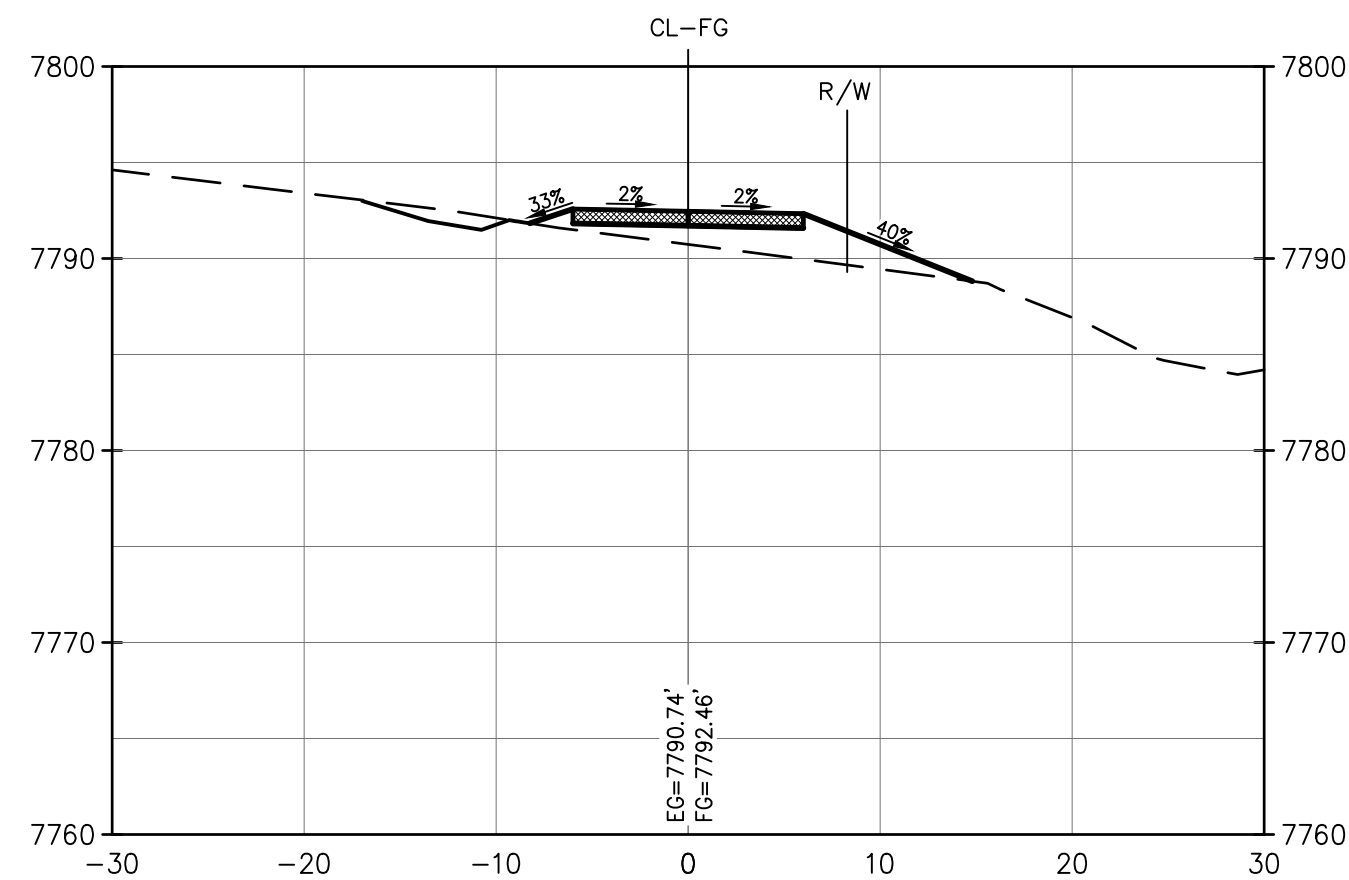
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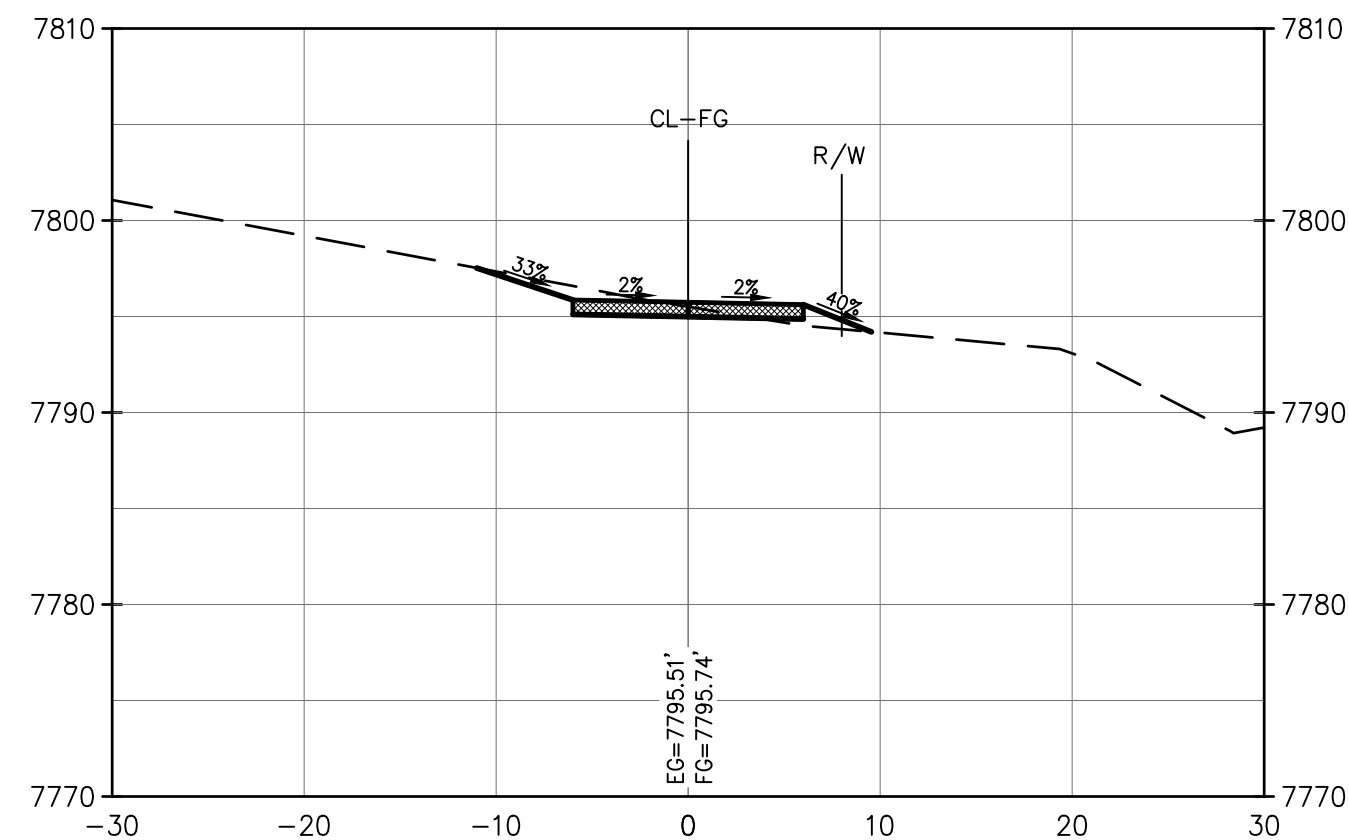
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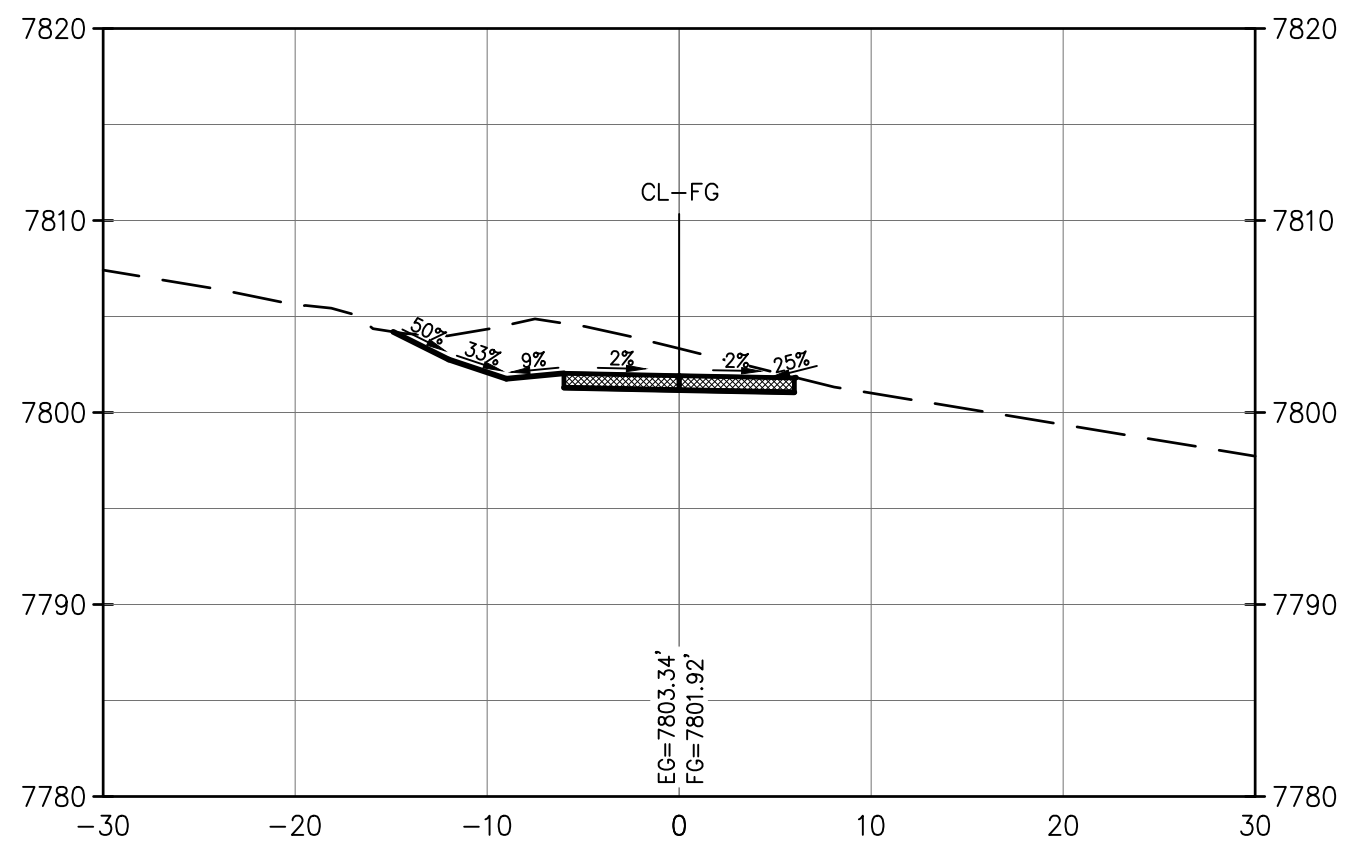


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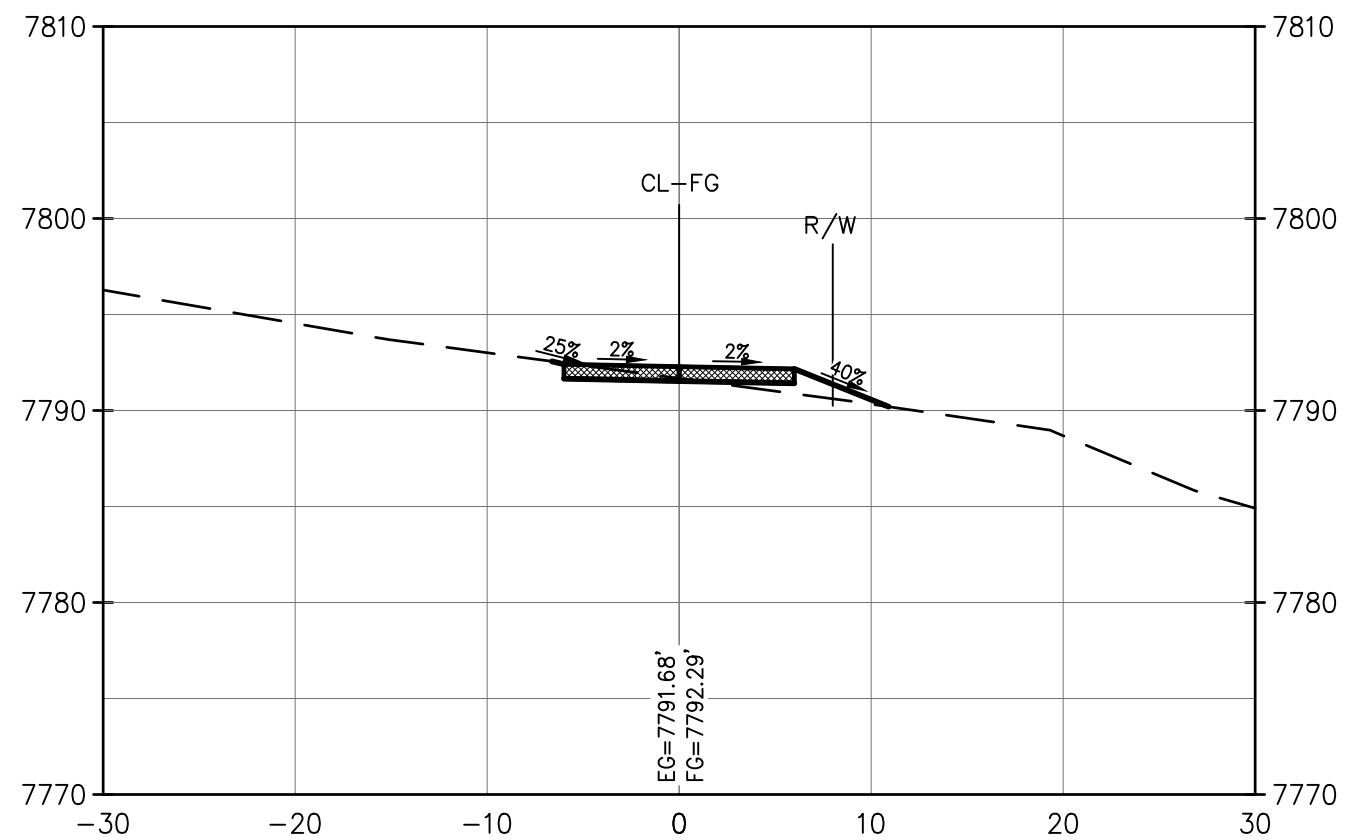


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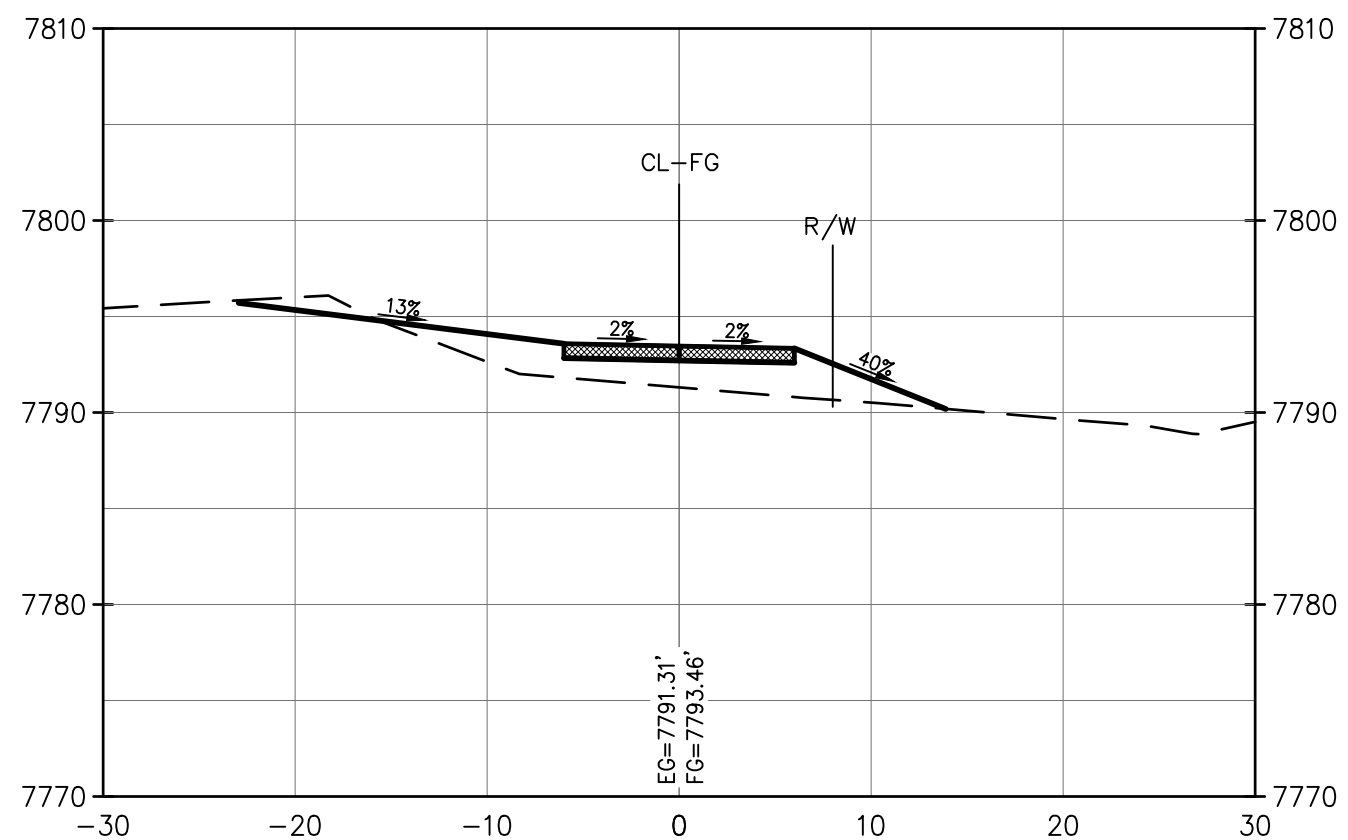
--- EXISTING GRADE  
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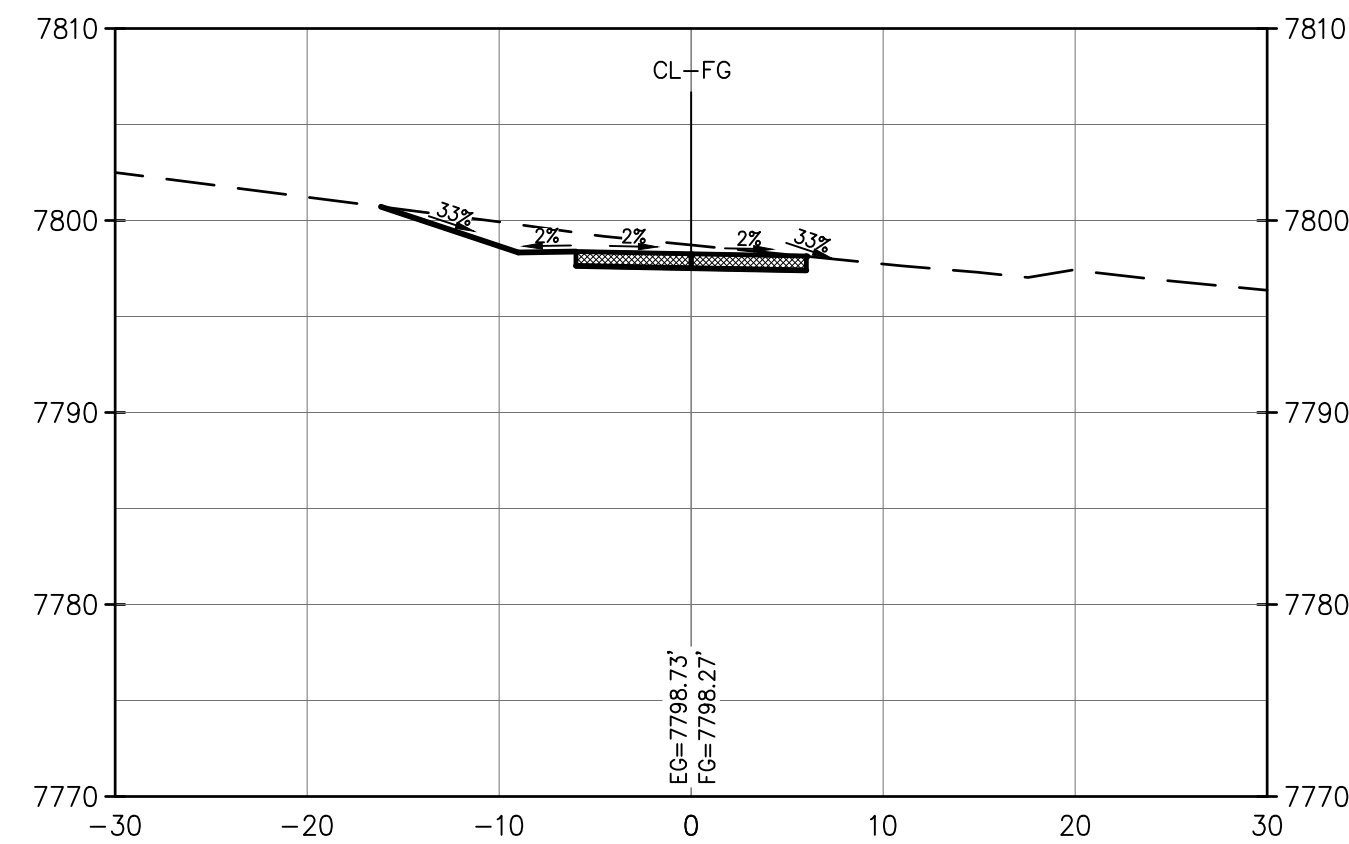
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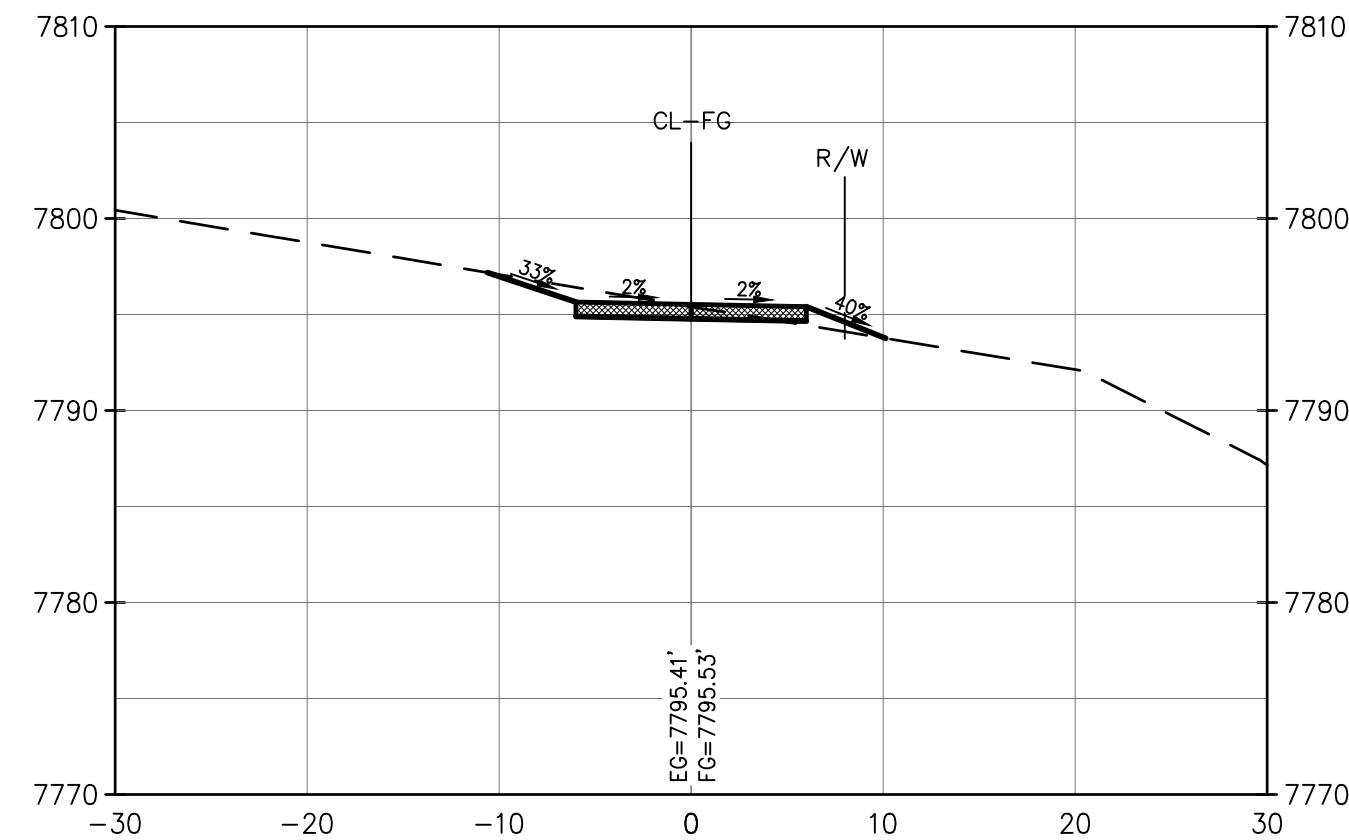
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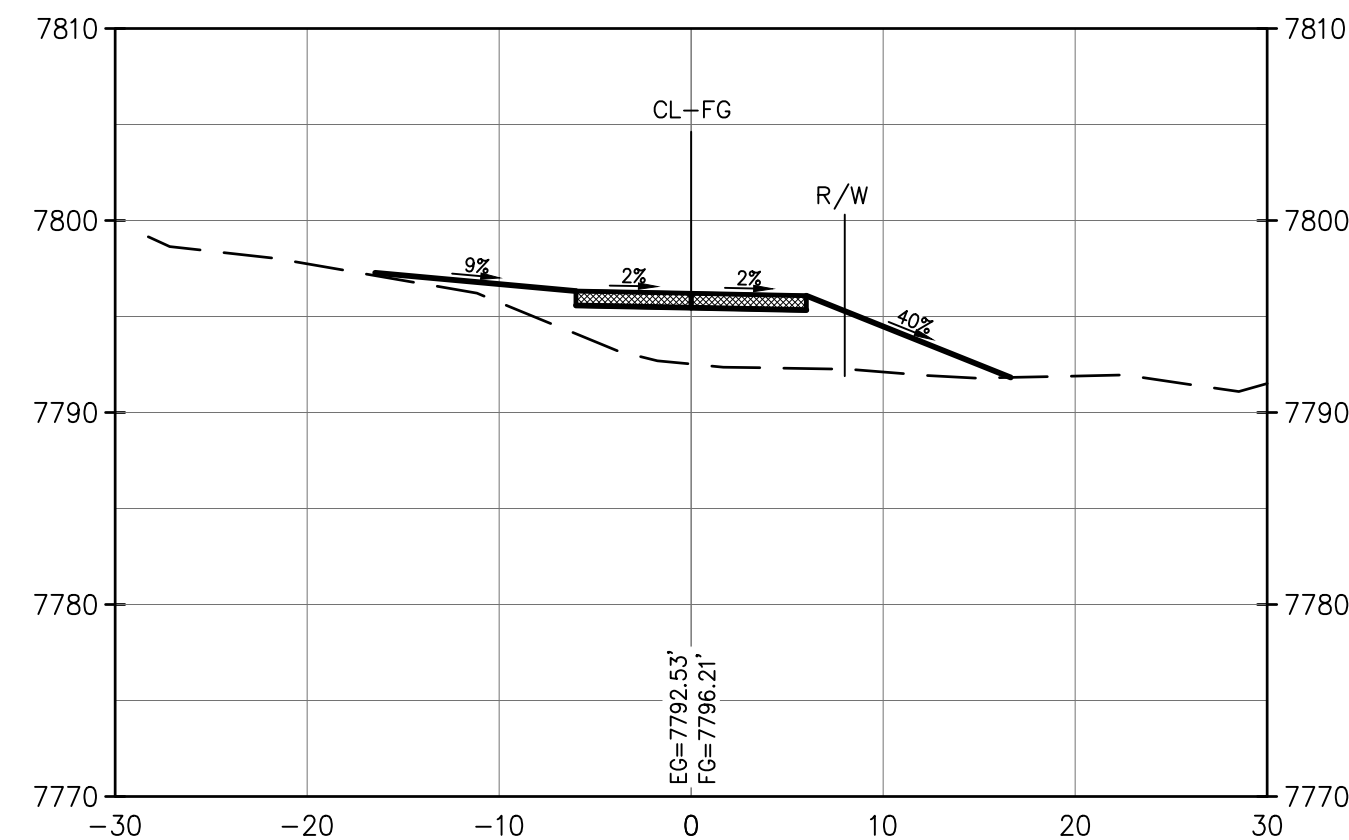
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0 10' 20'  
SCALE: 1"=10'

NO.	DATE	REVISION	BY

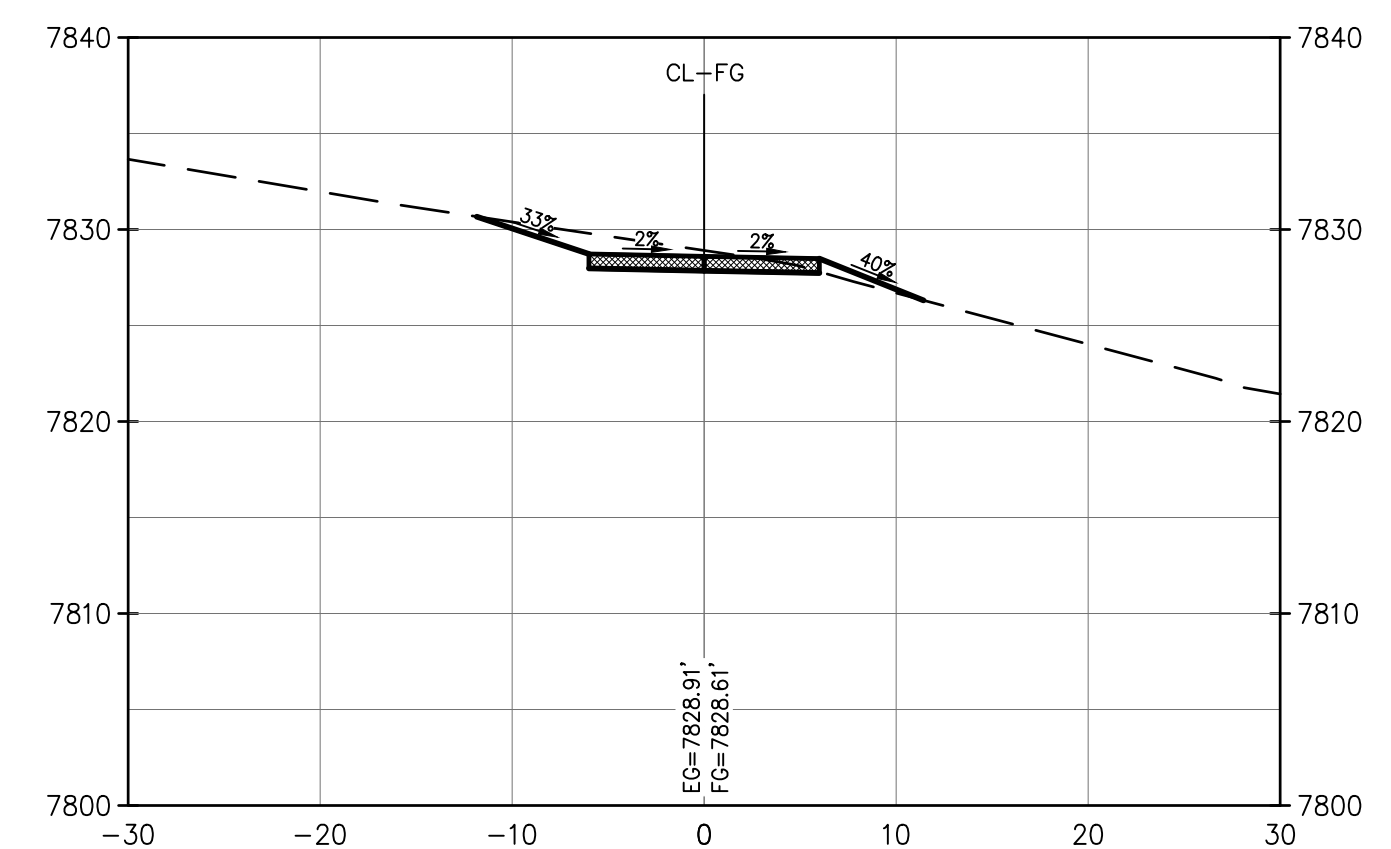
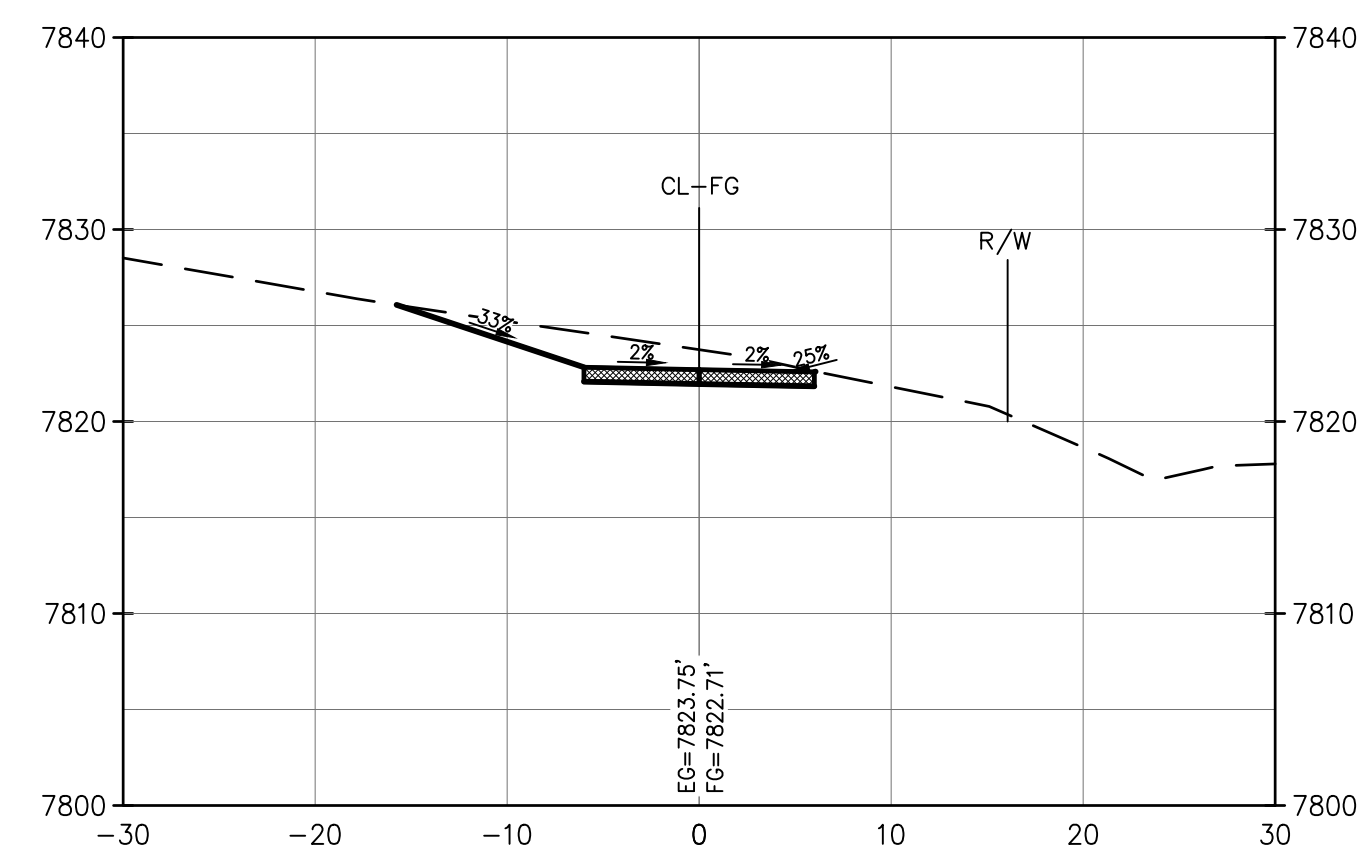
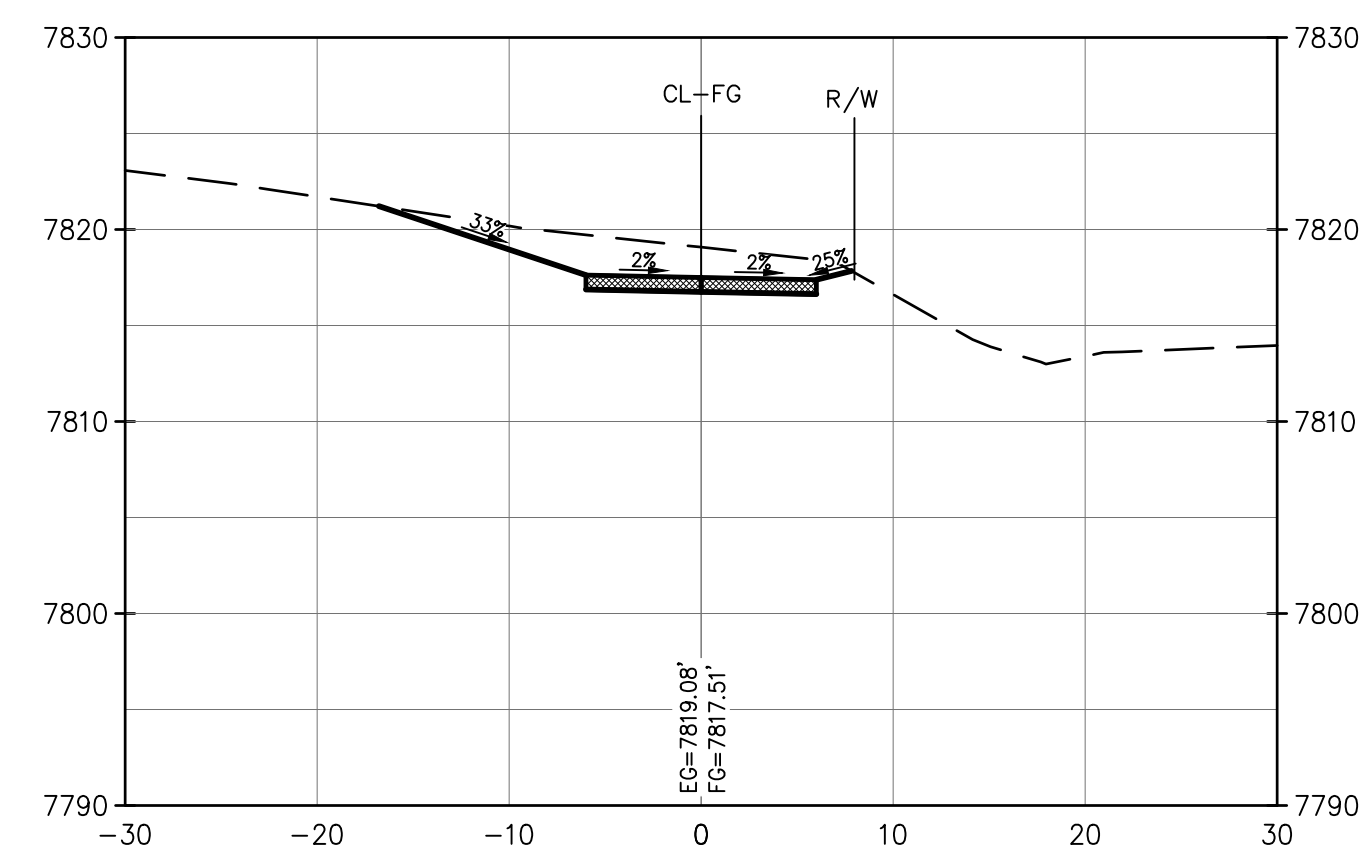
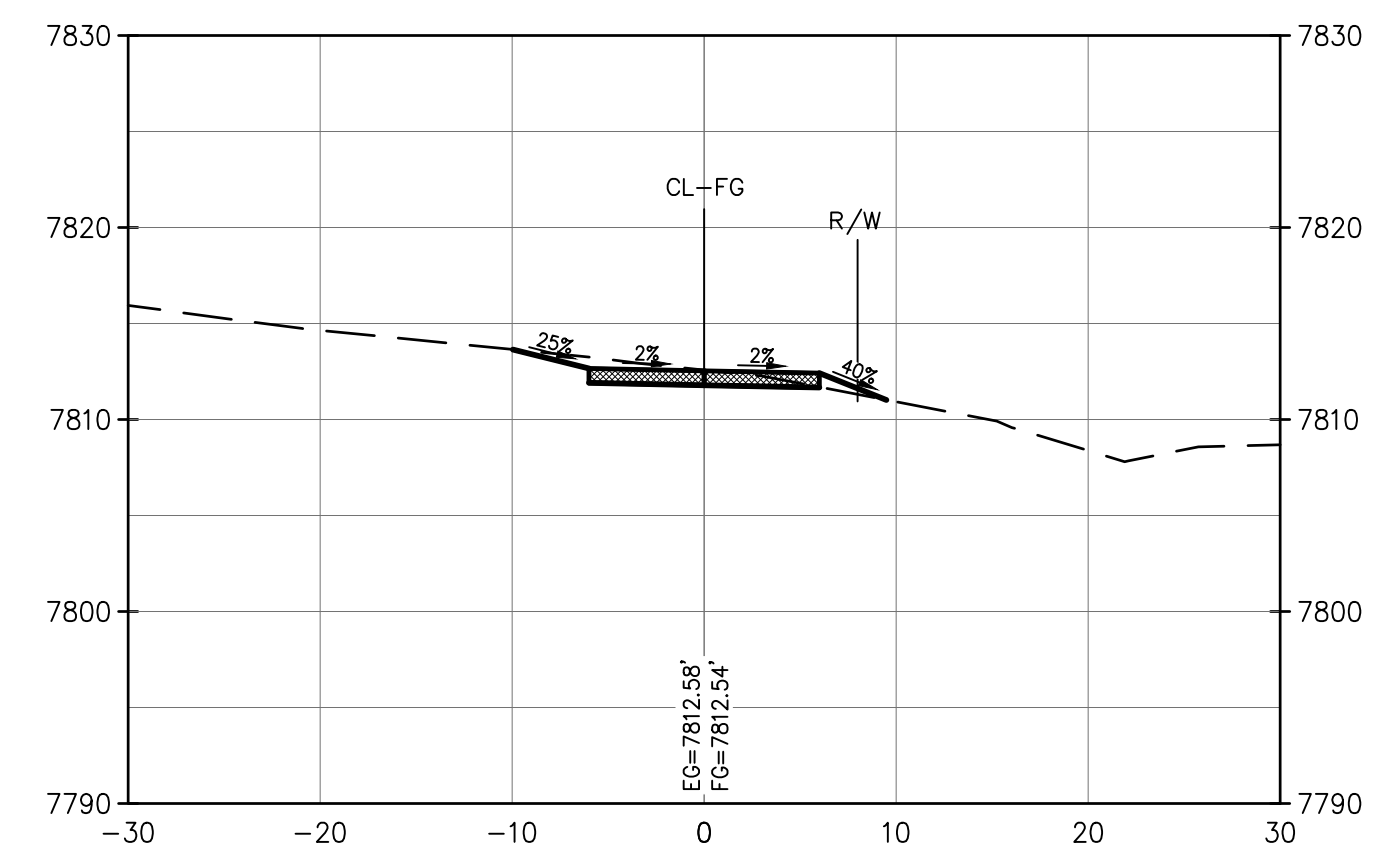
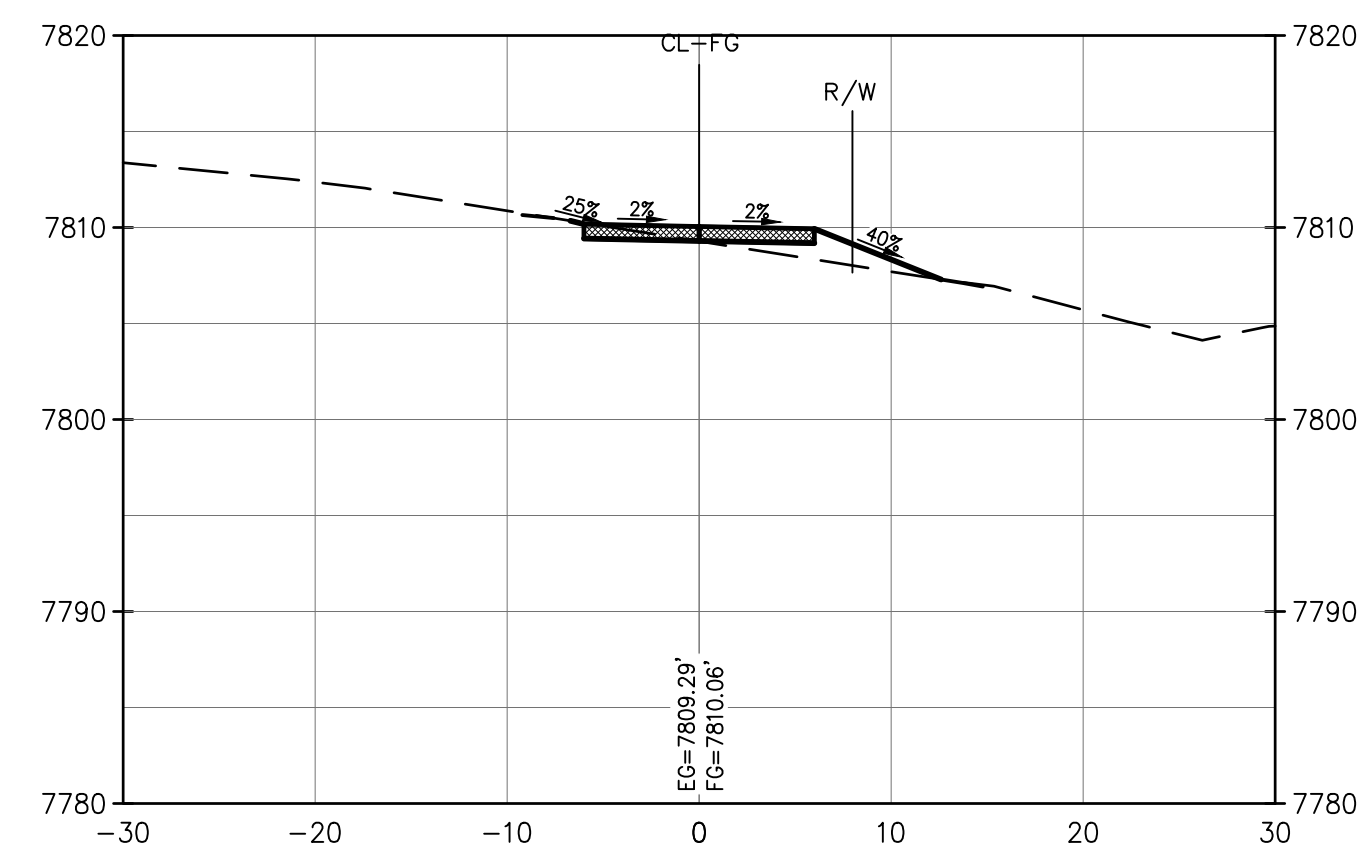
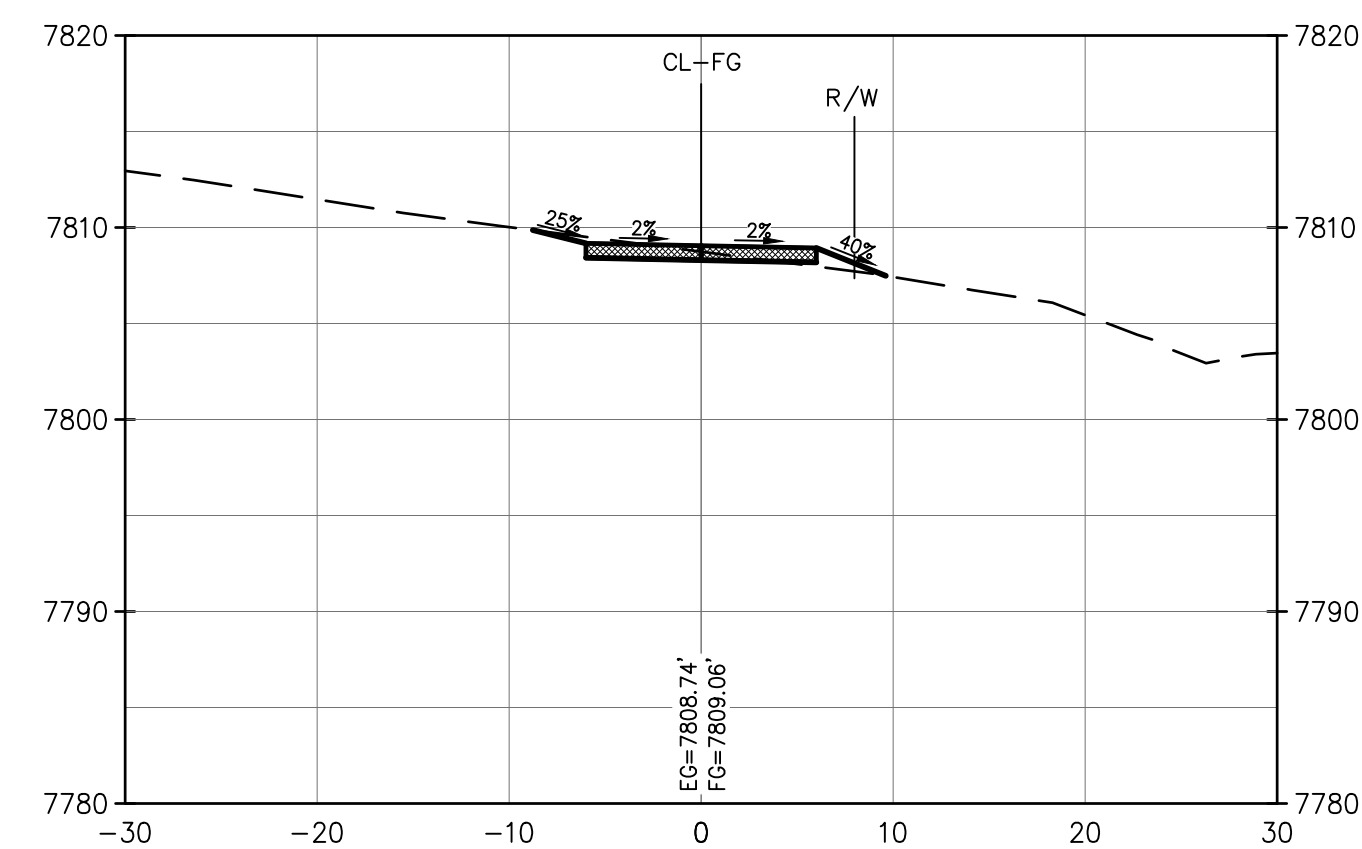
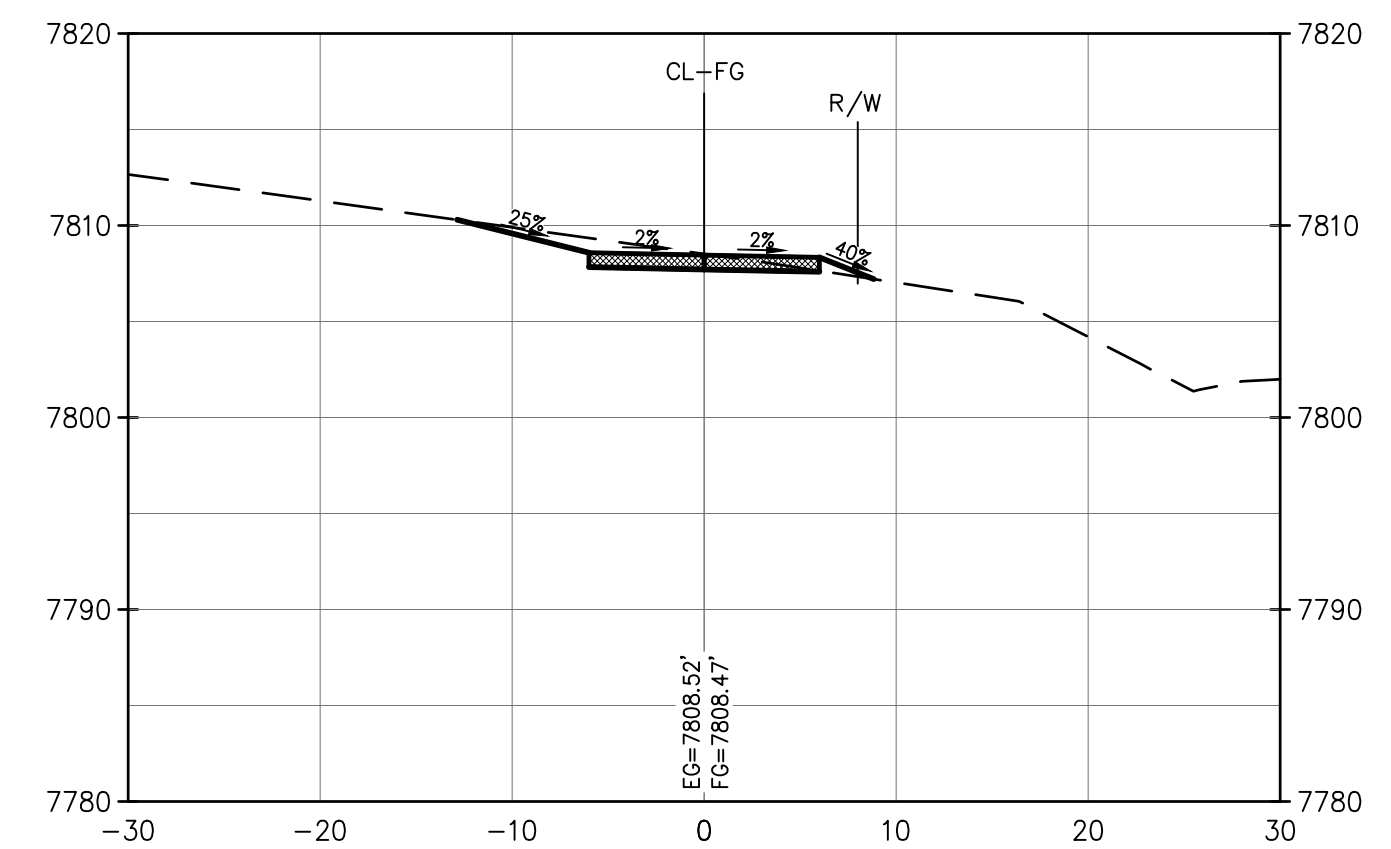
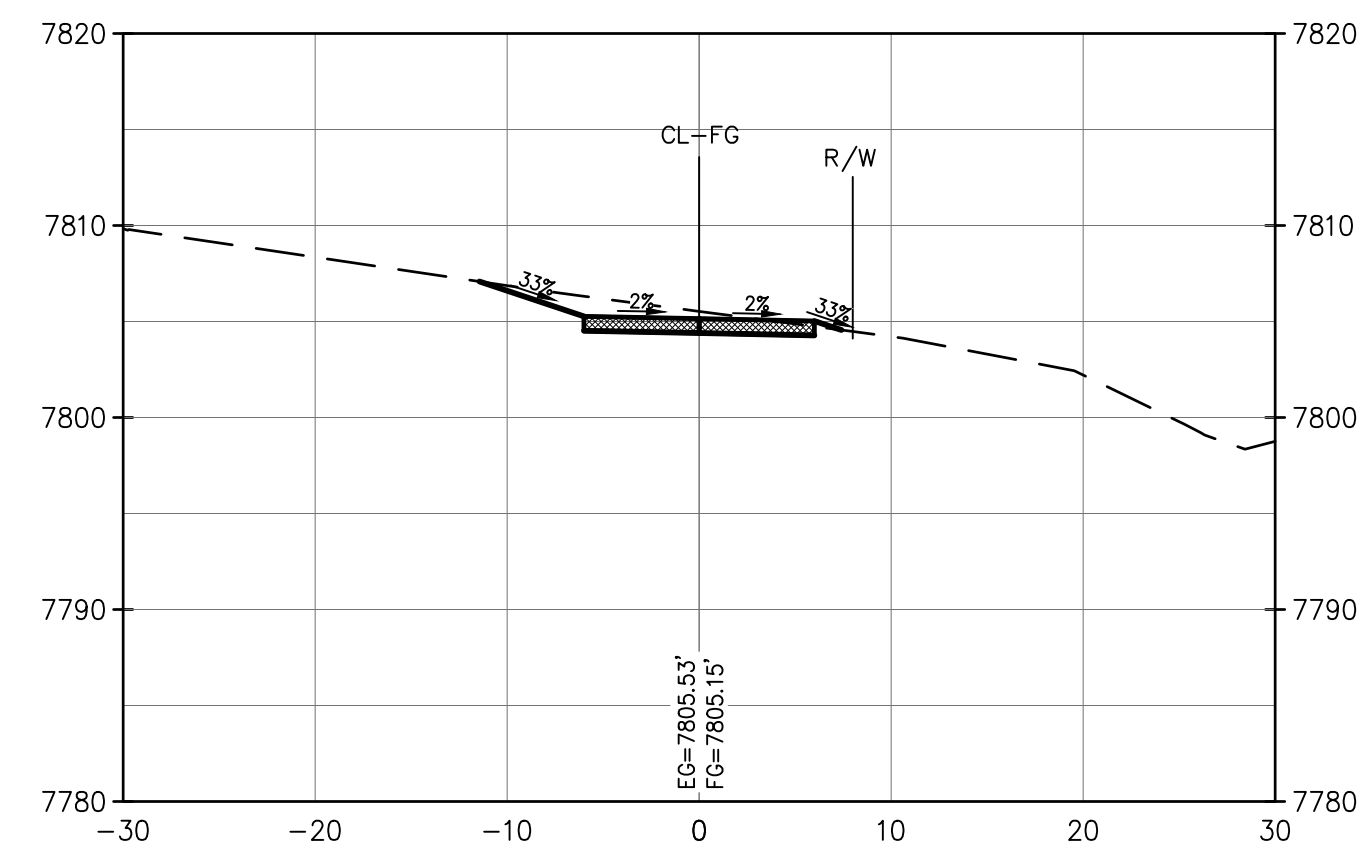
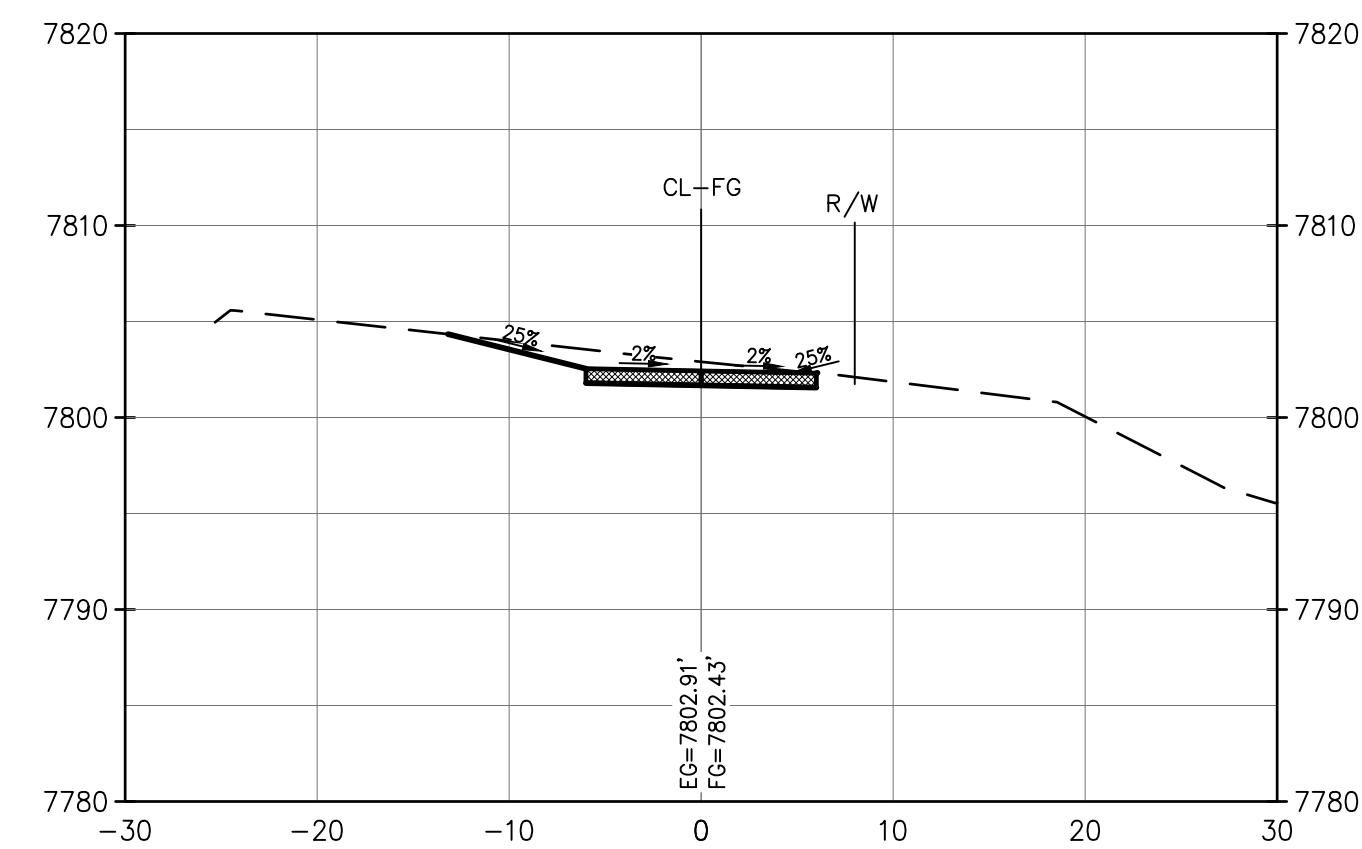
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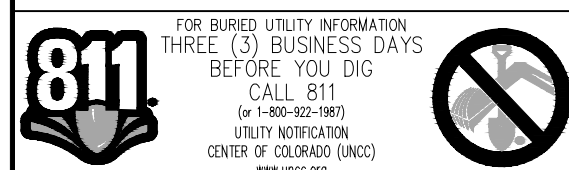
**TRAIL CROSS-SECTIONS - (2)**  
EAGLE VALLEY TRAILS -DOWD TO MINTURN SEGMENT  
TOWN OF MINTURN  
EAGLE COUNTY, COLORADO

DESIGNED BY:	BPS
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SHEET NO.	19 OF 26





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### RAIL CROSS-SECTIONS - (3)

EAGLE VALLEY TRAILS –DOWD TO MINTURN SEGMENT  
TOWN OF MINTURN  
EAGLE COUNTY, COLORADO

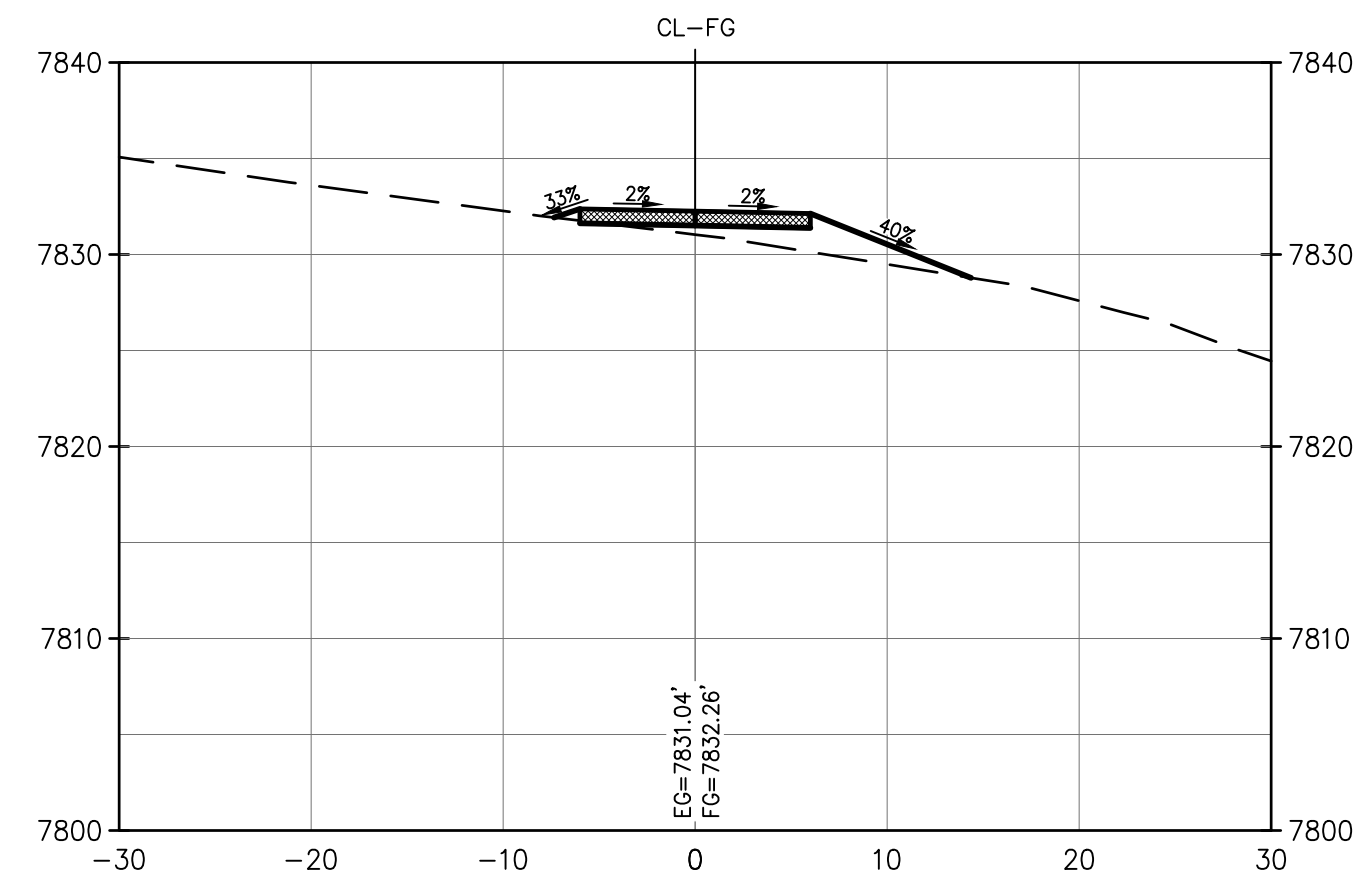
SIGNED BY:	BPS
DRAWN BY:	ELS
CHECKED BY:	BPS
DATE ISSUED:	5-4-23
PROJECT NO. 15-0096	
SHEET NO. 20 OF 26	



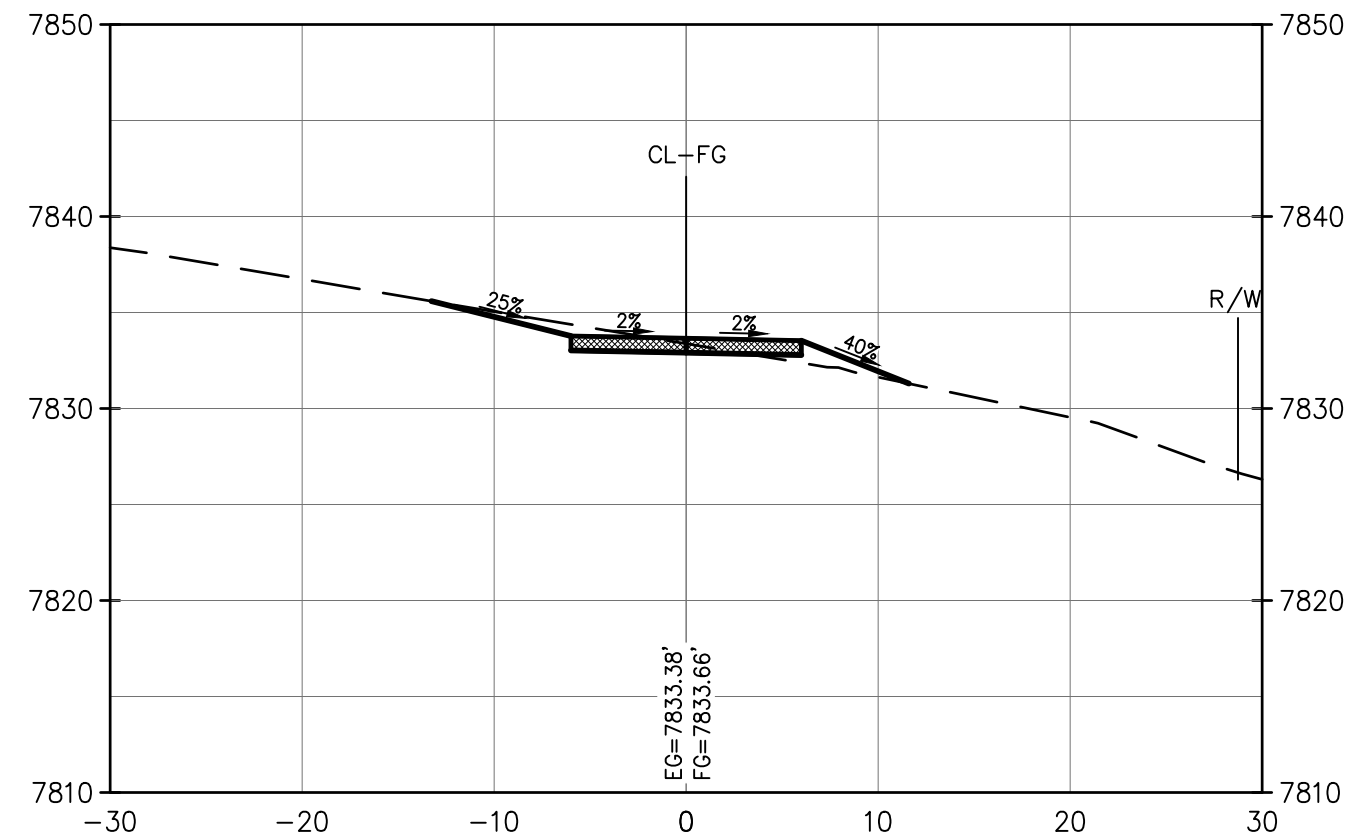
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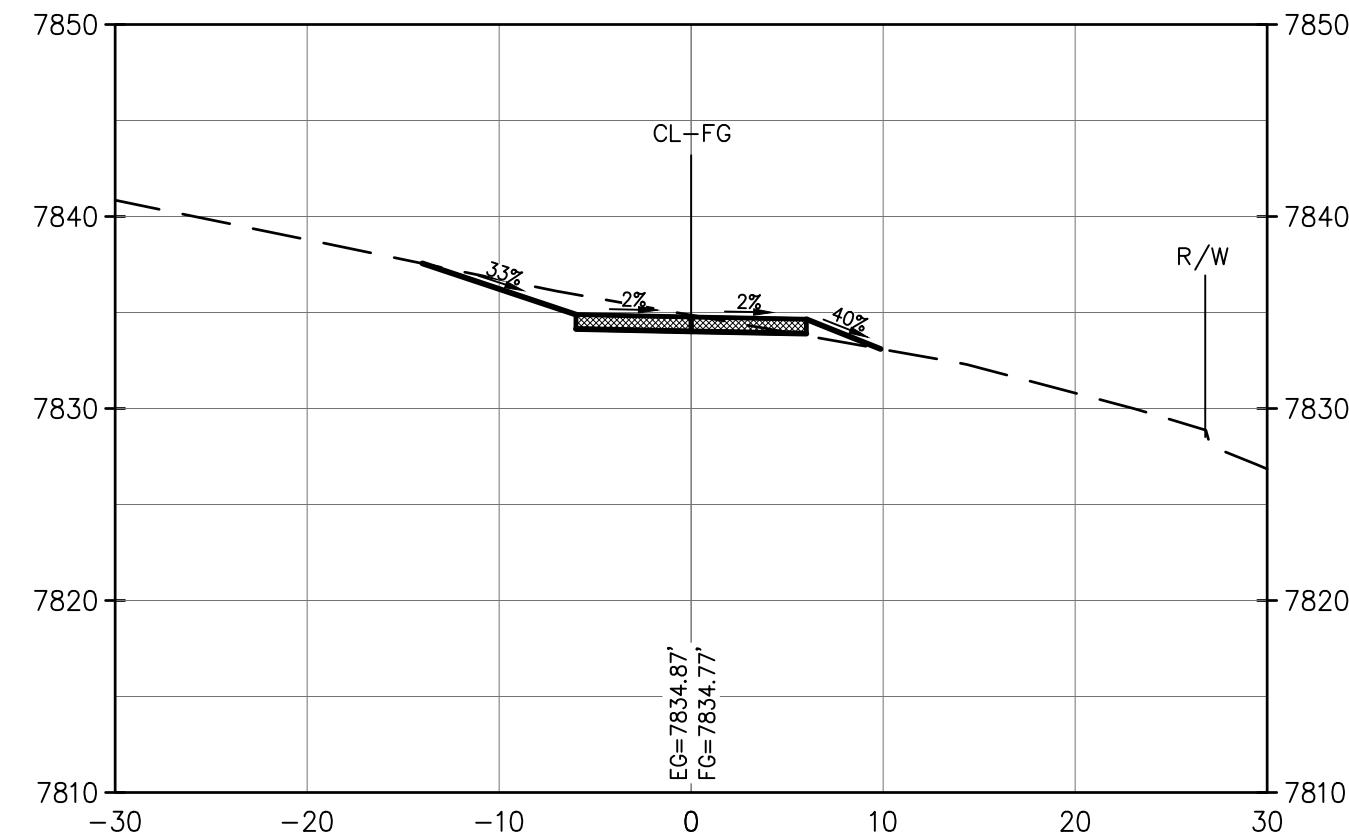
FOR BURIED UTILITY INFORMATION  
THREE (3) BUSINESS DAYS  
BEFORE YOU DIG  
CALL 811  
(IN HIC-162-180)  
UTILITY NOTIFICATION  
CENTER OF COLORADO (NCCU)  
WWW.811.CO.ED



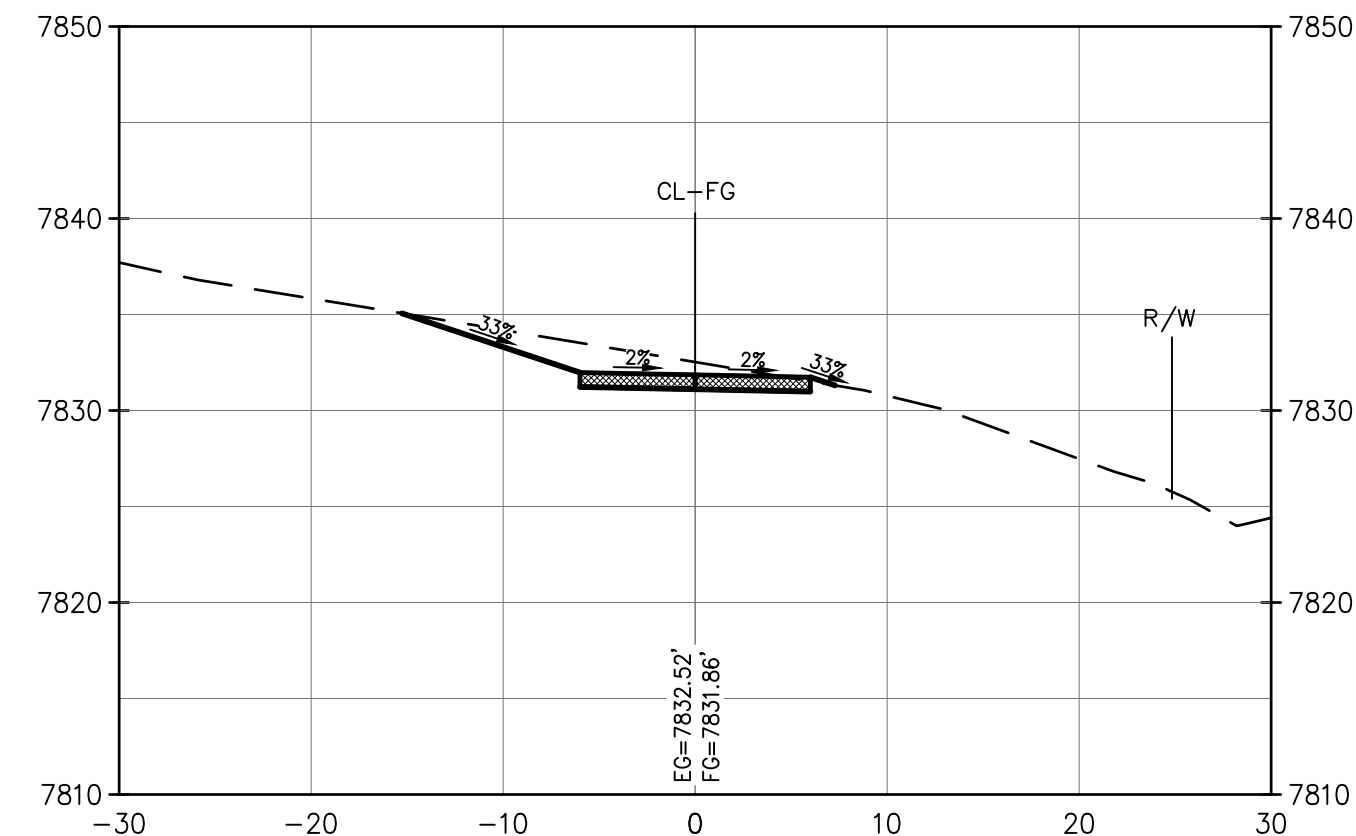
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V: 1"=10'



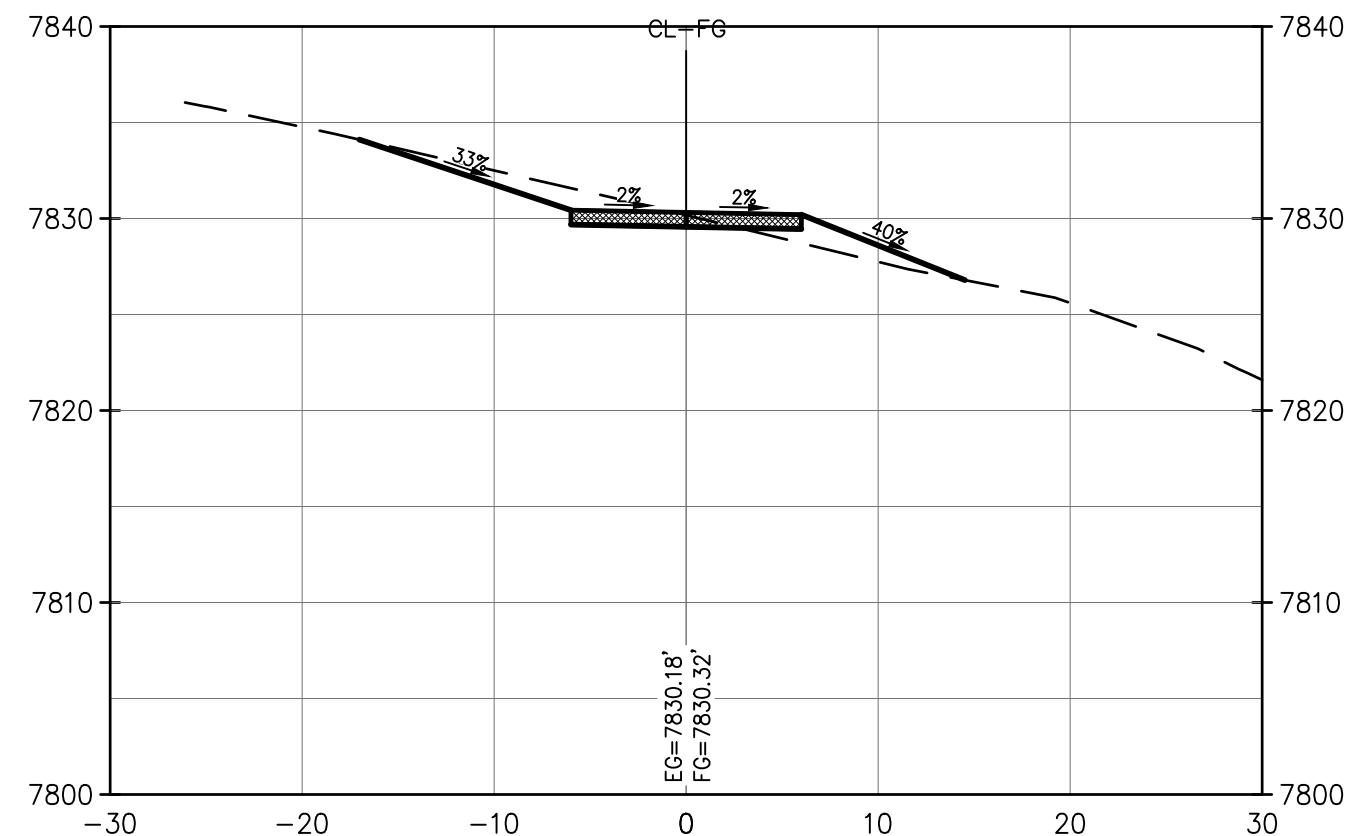
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V: 1"=10'



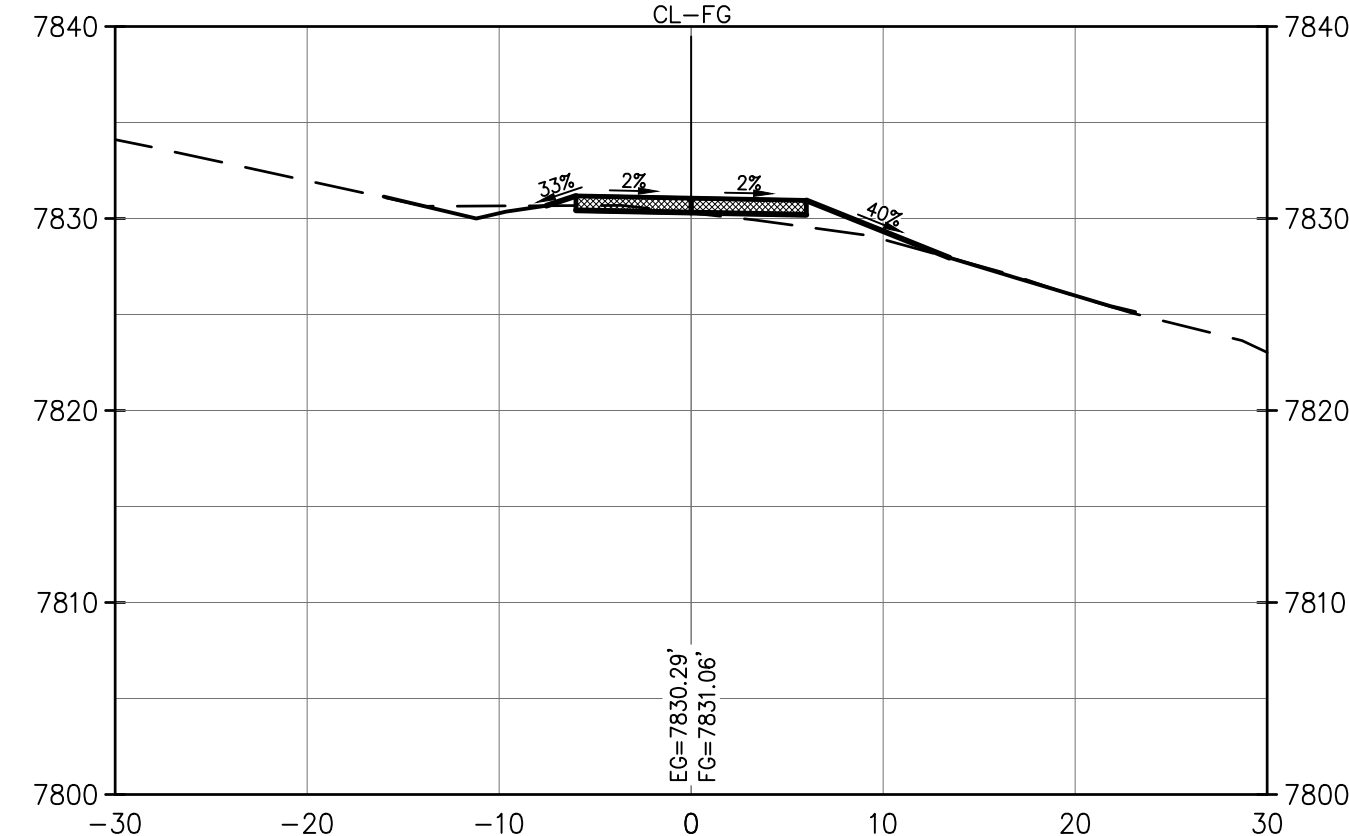
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V: 1"=10'



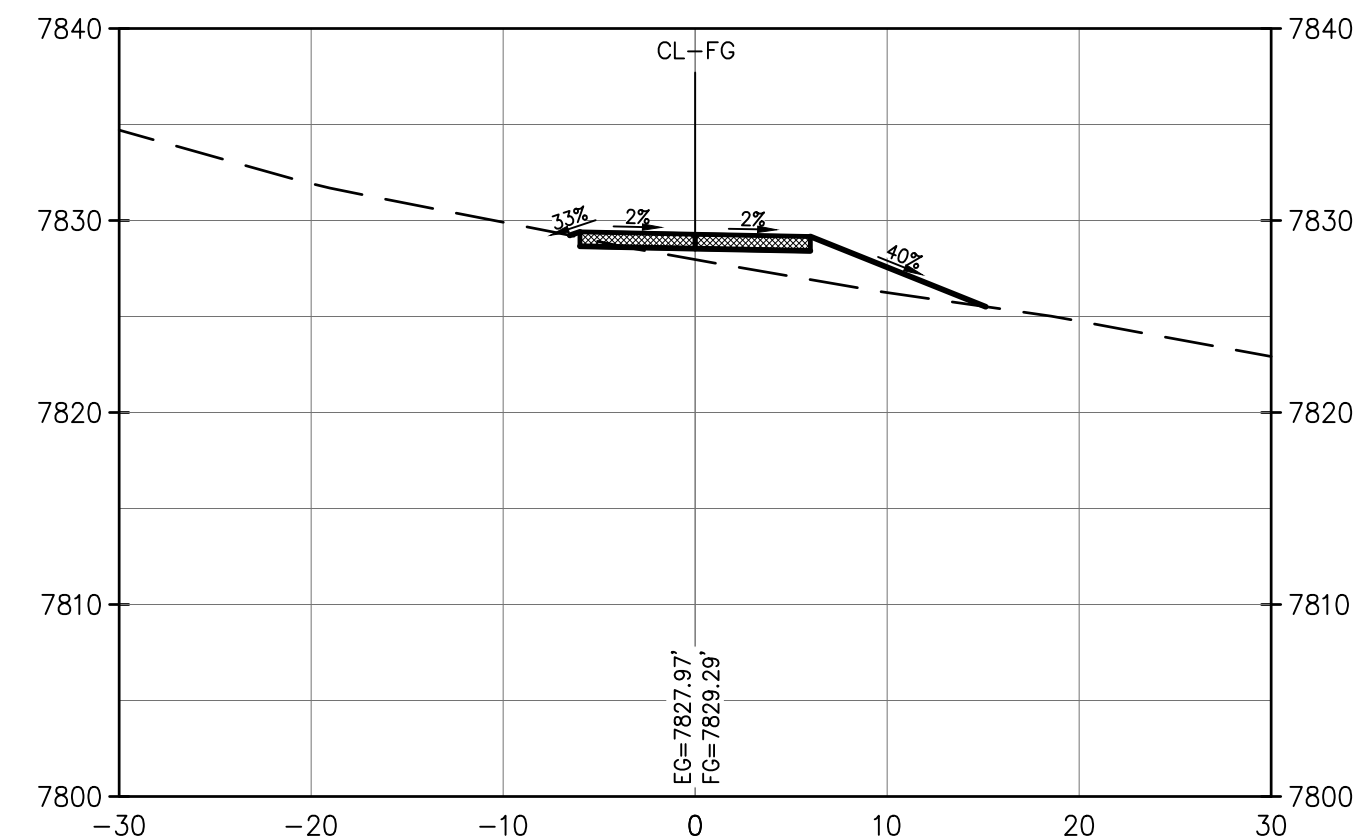
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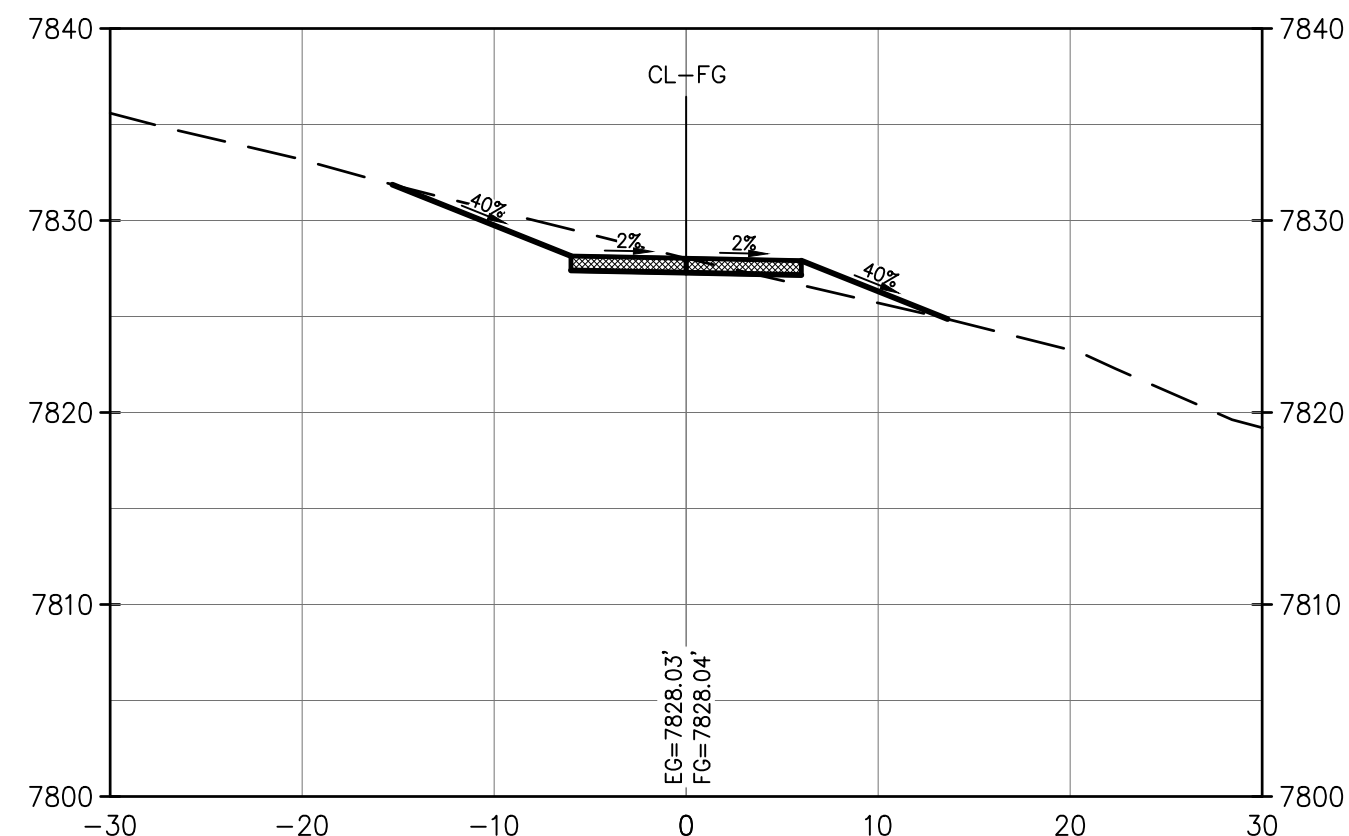
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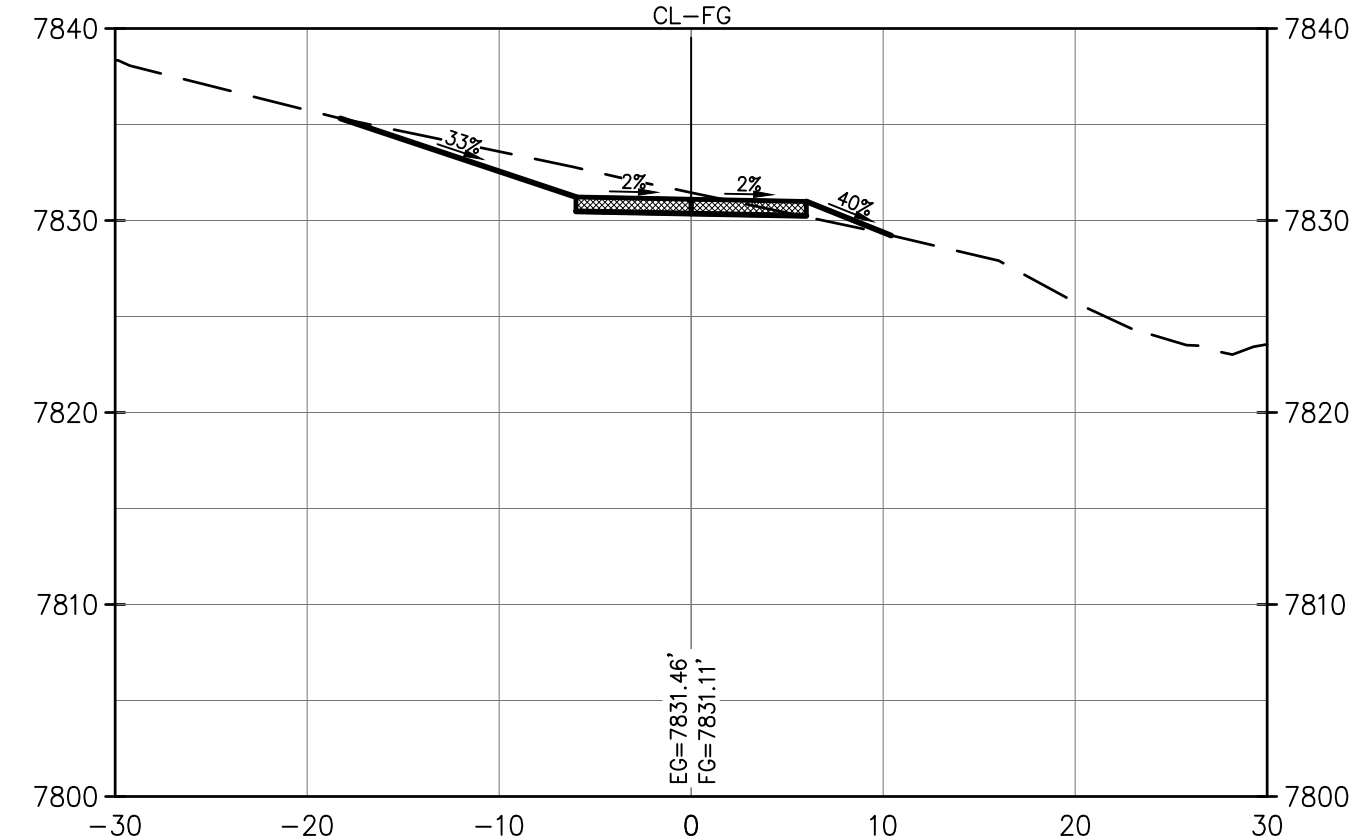
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V: 1"=10'



STA.=34+00.00  
H: 1"=10'  
V: 1"=10'

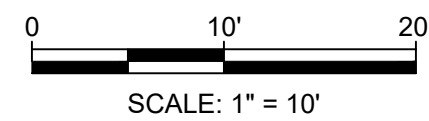


STA.=35+00.00  
H: 1"=10'  
V: 1"=10'



STA.=36+00.00  
H: 1"=10'  
V: 1"=10'

--- EXISTING GRADE  
— FINISHED GRADE



NO.	DATE	REVISION	BY

**Inter-Mountain**  
**ENGINEERS & Surveyors**  
Civil Engineers & Surveyors  
50 HUNTING PARKWAY, SUITE 106, CENTENNIAL, CO 80111 PH: (303)688-6220

CLIENT: EAGLE COUNTY-ECO TRAILS  
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**TRAIL CROSS-SECTIONS - (4)**  
EAGLE VALLEY TRAILS -DOWD TO MINTURN SEGMENT  
TOWN OF MINTURN  
EAGLE COUNTY, COLORADO

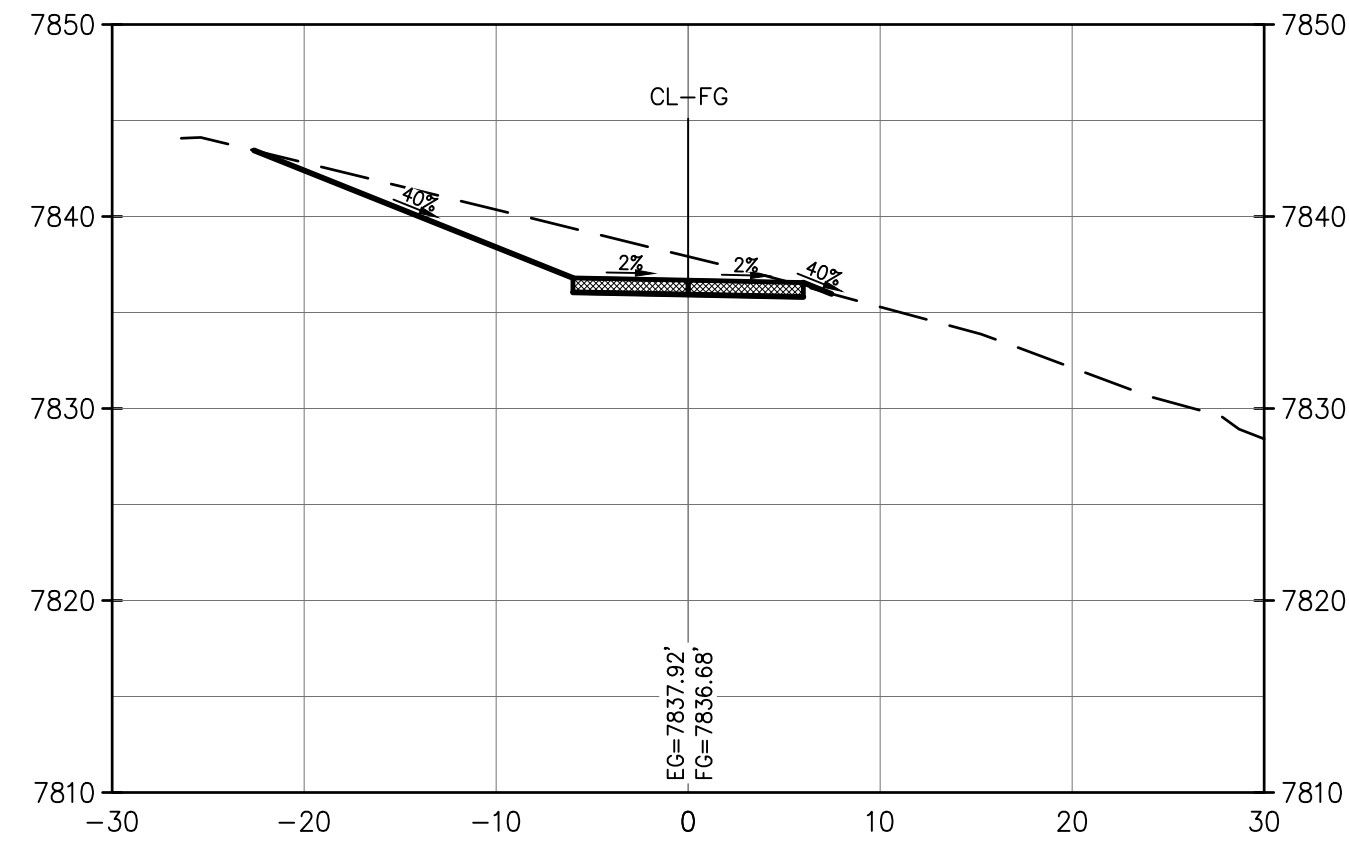
DESIGNED BY:	BPS
DRAWN BY:	ELS
CHECKED BY:	BPS
DATE ISSUED:	5-4-23
PROJECT NO.	15-0096
SHEET NO.	21 OF 26



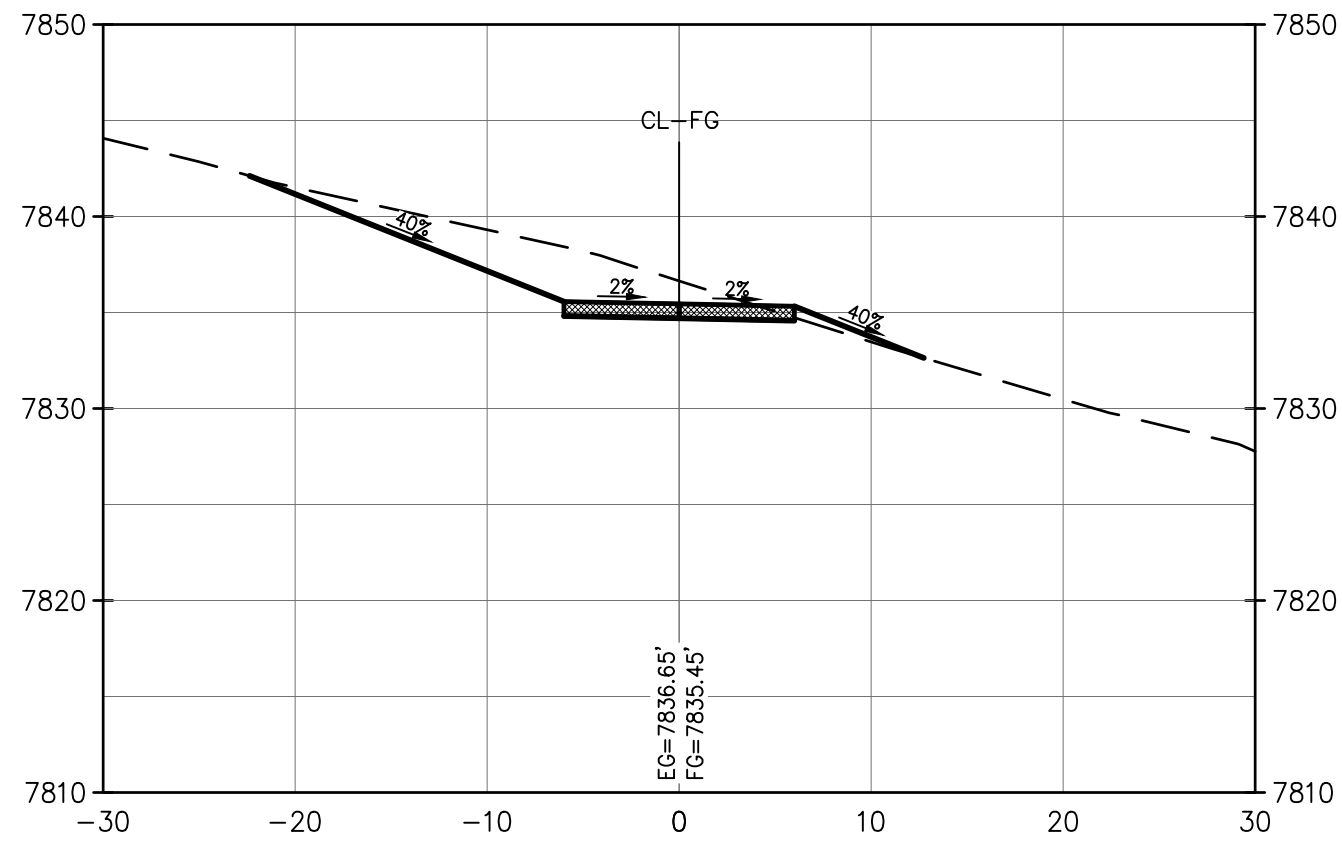
C:\ME\_DROPODA\CAAD\CIVIL\_3D\150096\150096-S-CROSS SECTIONS.DWG 5/4/2023 3:32 PM



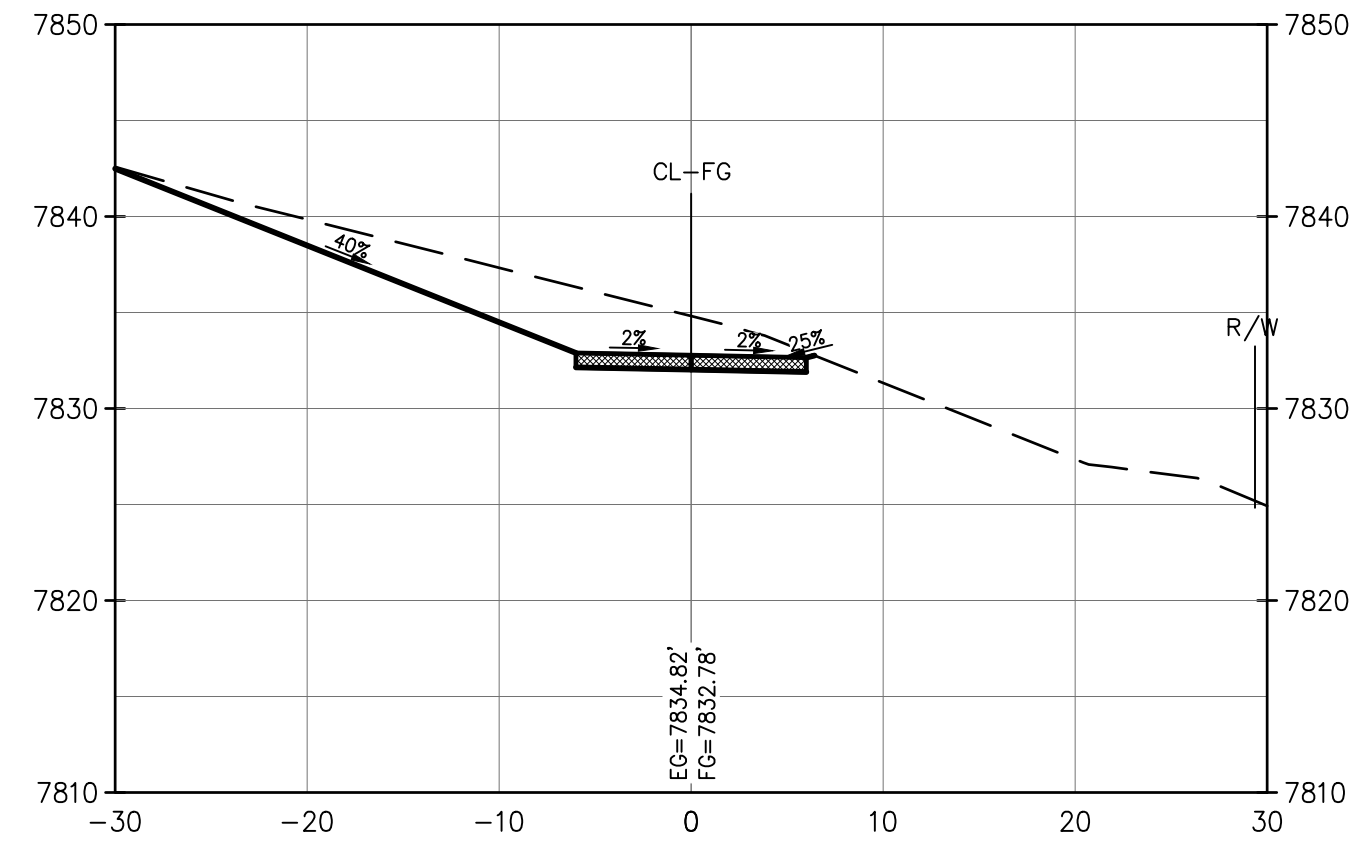
FOR BURED UTILITY INFORMATION  
THREE (3) BUSINESS DAYS  
BEFORE YOU DIG  
CALL 811  
(IN HIC-162-180)  
UTILITY NOTIFICATION  
CENTER OF COLORADO (NCC)  
WWW.811.CO.ED



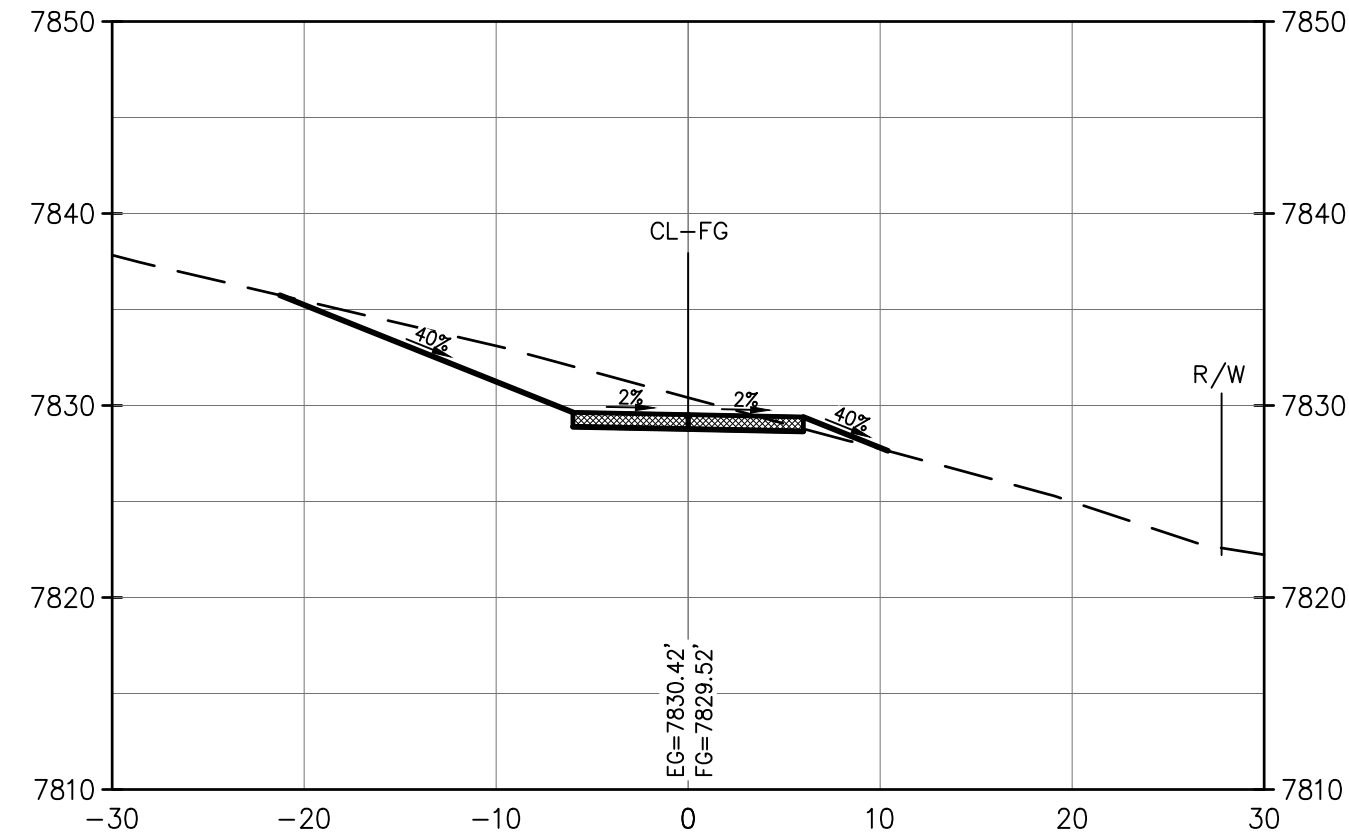
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H: 1"=10'  
V: 1"=10'



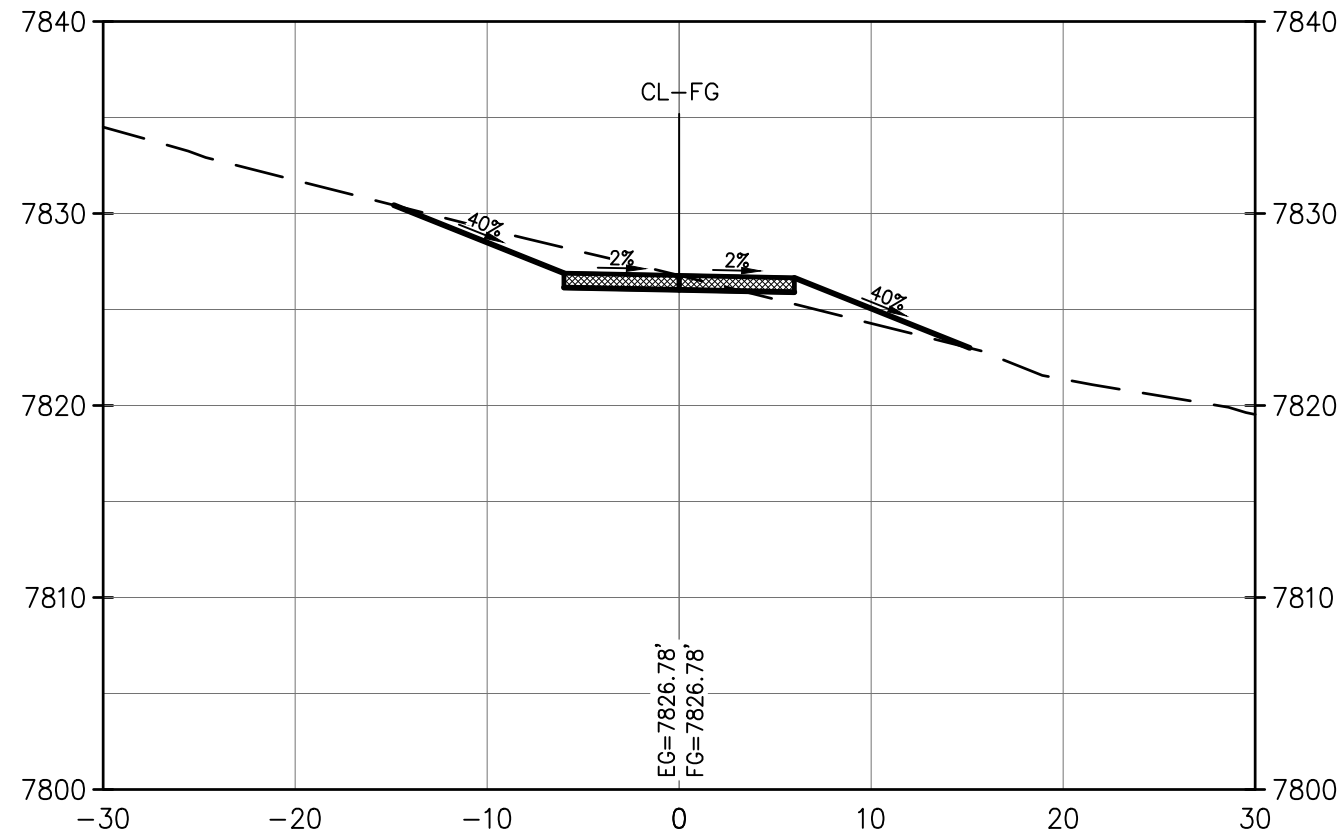
STA. = 38+00.00  
H: 1"=10'  
V: 1"=10'



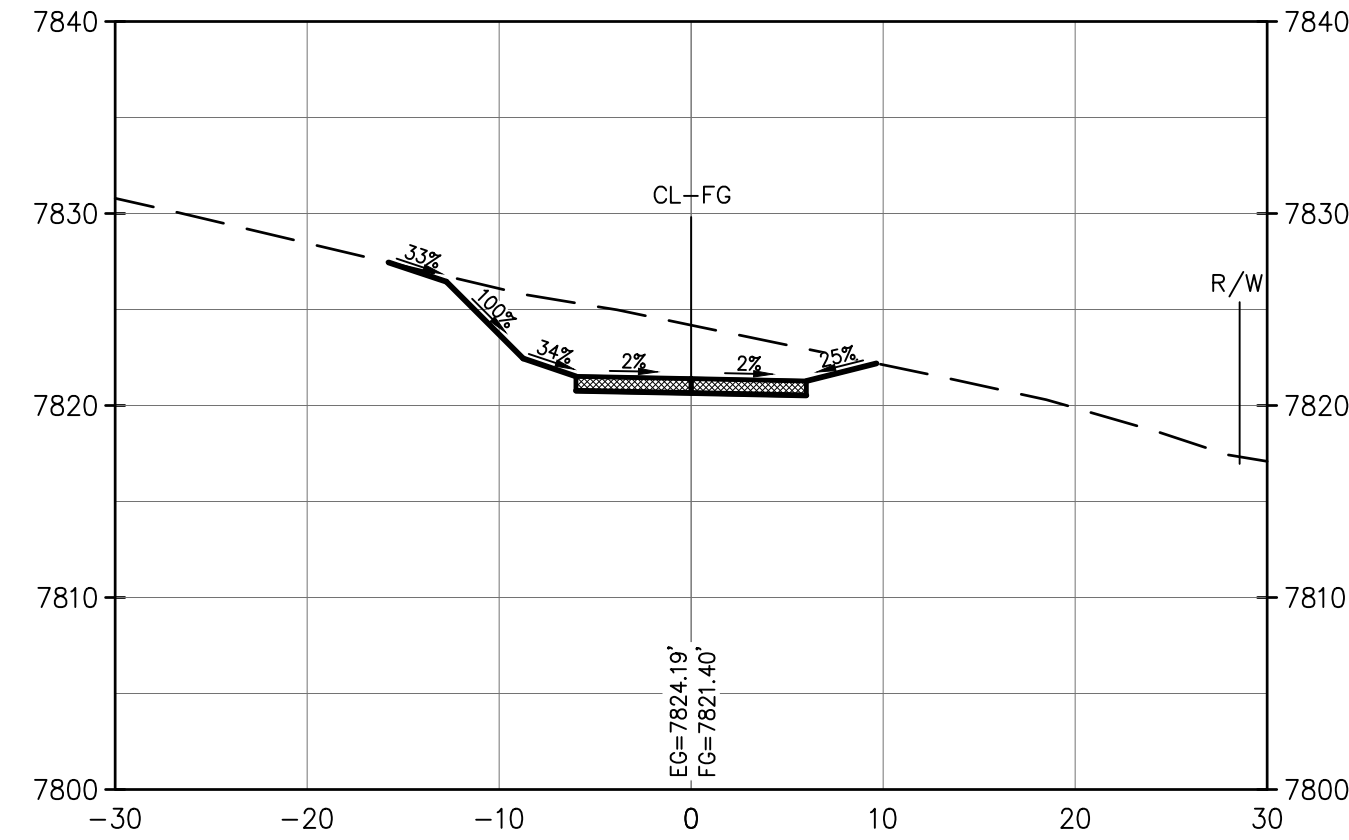
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V: 1"=10'



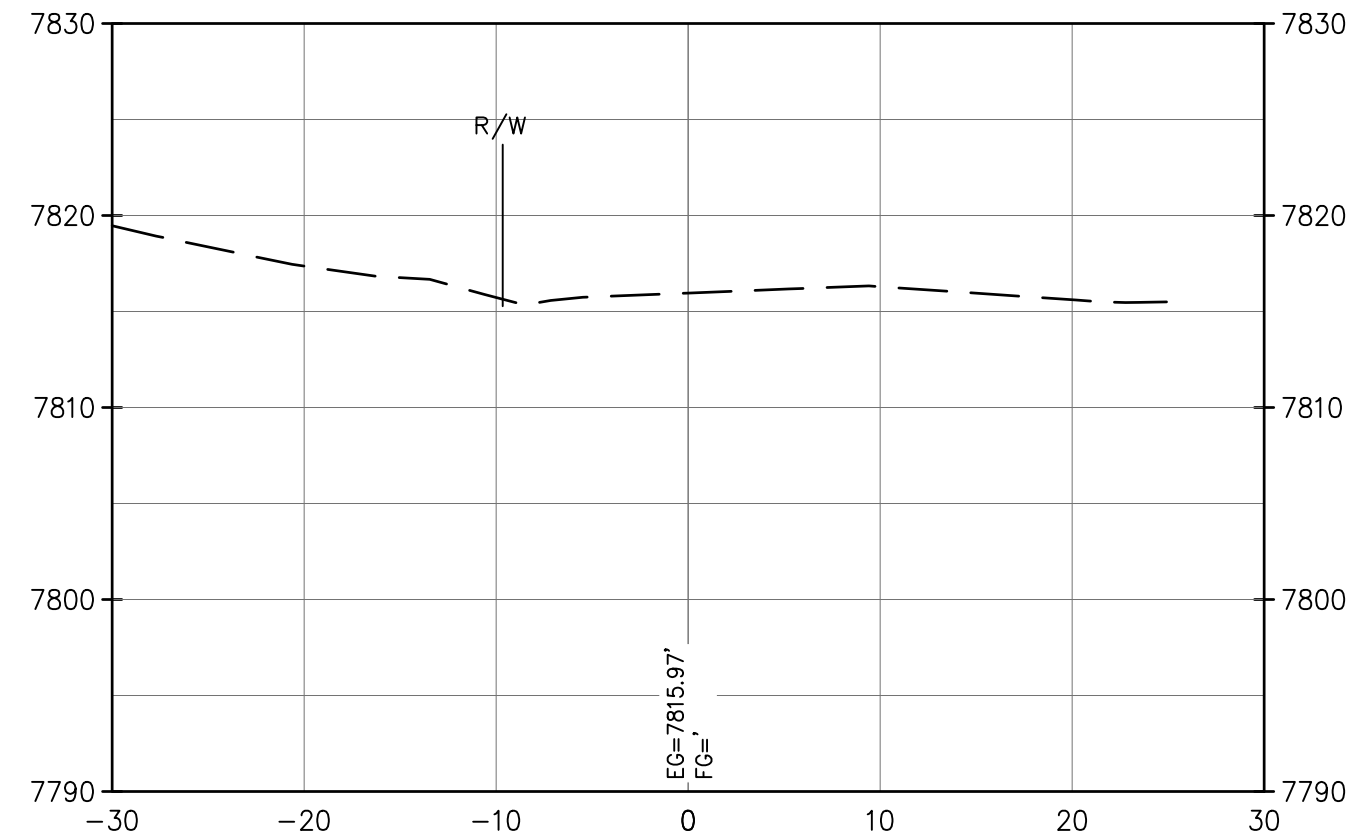
STA. = 40+00.00  
H: 1"=10'  
V: 1"=10'



STA. = 41+00.00  
H: 1"=10'  
V: 1"=10'

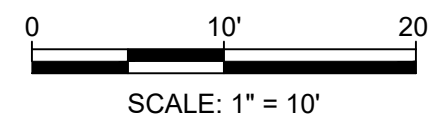


STA. = 42+00.00  
H: 1"=10'  
V: 1"=10'



STA. = 43+00.00  
H: 1"=10'  
V: 1"=10'

--- EXISTING GRADE  
--- FINISHED GRADE



SCALE: 1" = 10'

NO.	DATE	REVISION	BY

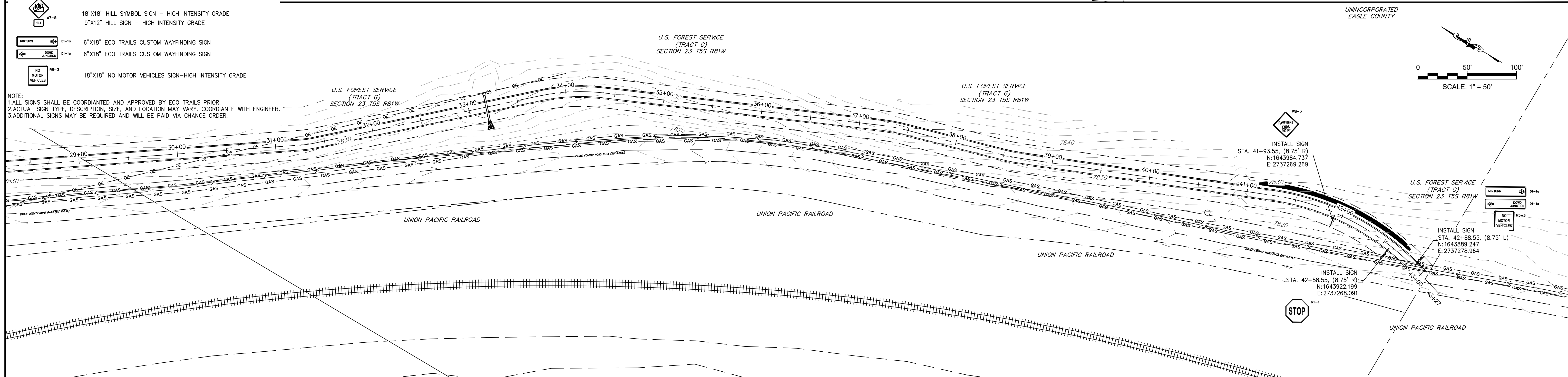
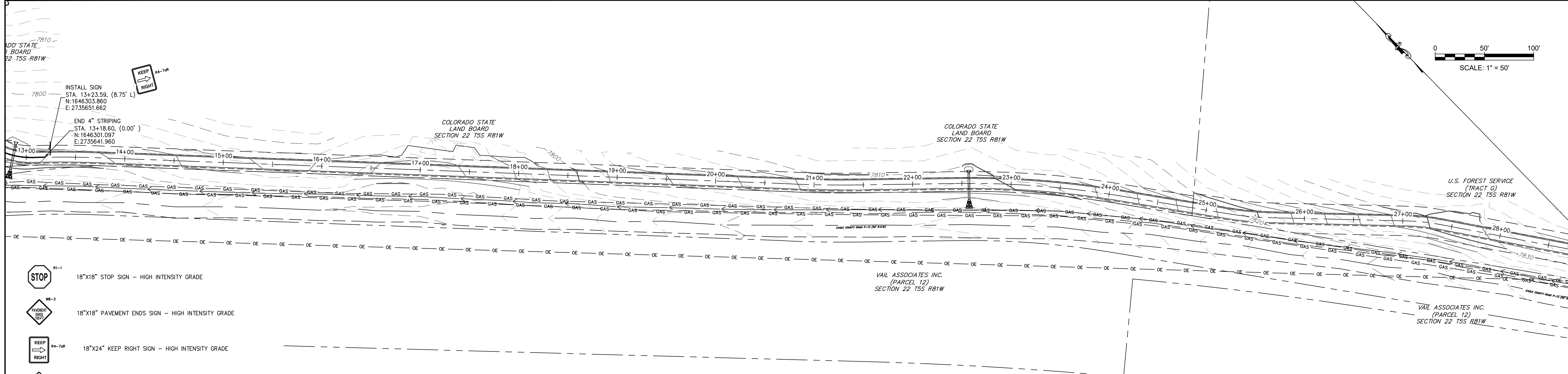
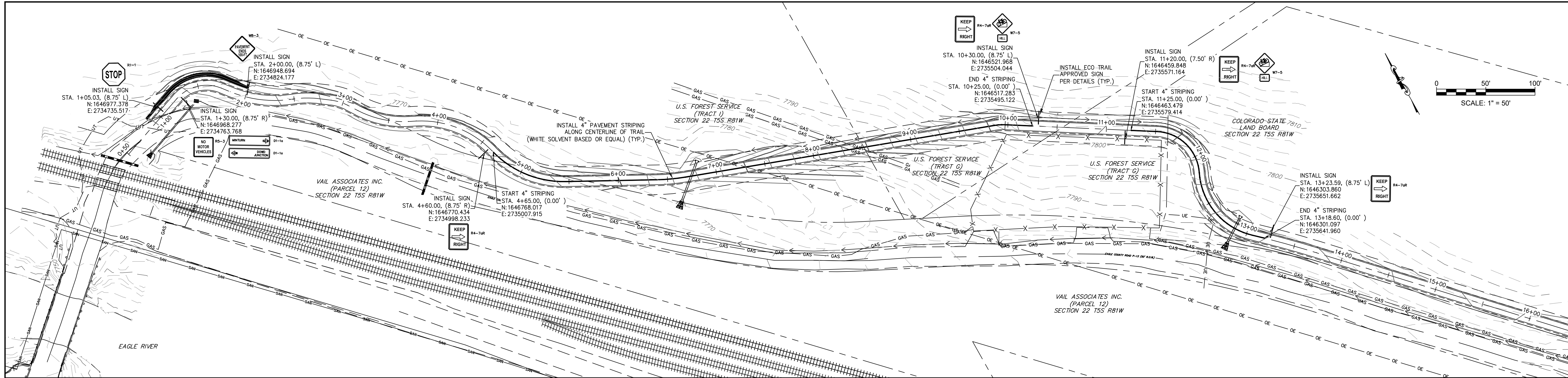
**Inter-Mountain**  
**ENGINEERS & Surveyors**  
Civil Engineers & Surveyors  
50 HUNTING PARKWAY, SUITE 106, CENTENNIAL, CO 80112 PH: (303) 948-6220  
6501 S. REVERE PARKWAY, SUITE 106, CENTENNIAL, CO 80112 PH: (303) 948-6220

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**TRAIL CROSS-SECTIONS - (5)**  
EAGLE VALLEY TRAILS -DOWD TO MINTURN SEGMENT  
TOWN OF MINTURN  
EAGLE COUNTY, COLORADO

DESIGNED BY:	BPS
DRAWN BY:	ELS
CHECKED BY:	BPS
DATE ISSUED:	5-4-23
PROJECT NO.	15-0096
SHEET NO.	22 OF 26





NOTE:  
1. ALL SIGNS SHALL BE COORDINATED AND APPROVED BY ECO TRAILS PRIOR.  
2. ACTUAL SIGN TYPE, DESCRIPTION, SIZE, AND LOCATION MAY VARY. COORDINATE WITH ENGINEER.  
3. ADDITIONAL SIGNS MAY BE REQUIRED AND WILL BE PAID VIA CHANGE ORDER.

C:\ME\BROOKDA\CAAD\CIVIL\_3D\150096\UNINC\150096-S-SIGNAGE-MARKING-PLAN.DWG

NO.	DATE	REVISION	BY



**Inter-Mountain  
ENGINEERS & Surveyors**  
3001 W. 10TH AVE. SUITE 100 DENVER, CO 80202  
TEL: (303) 733-5073 FAX: (303) 733-5074

CLIENT: EAGLE COUNTY-ECO TRAILS

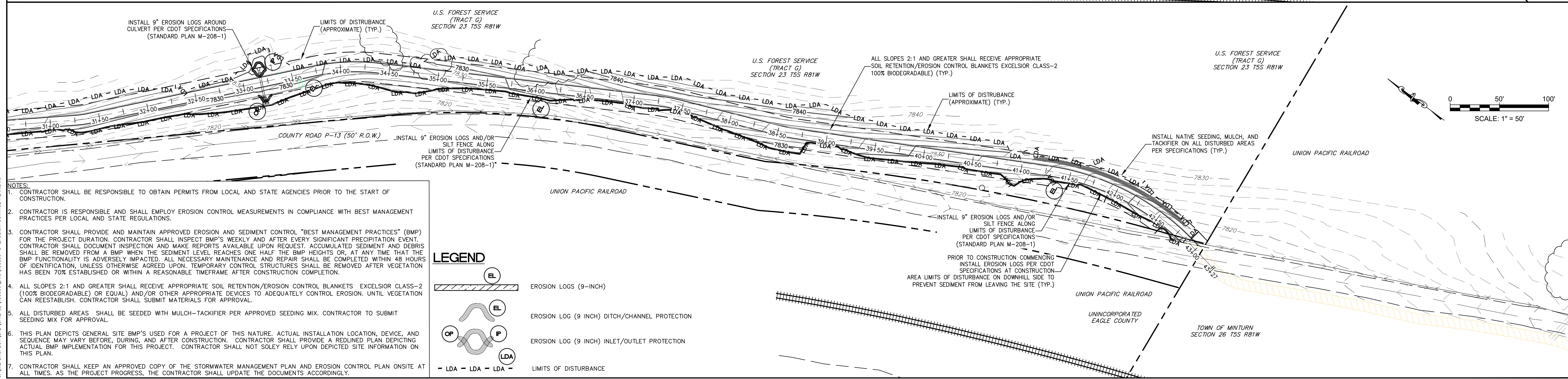
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**SIGNAGE + MARKING PLAN**

EAGLE VALLEY TRAILS - DOWD TO MINTURN SEGMENT  
TOWN OF MINTURN  
EAGLE COUNTY, COLORADO

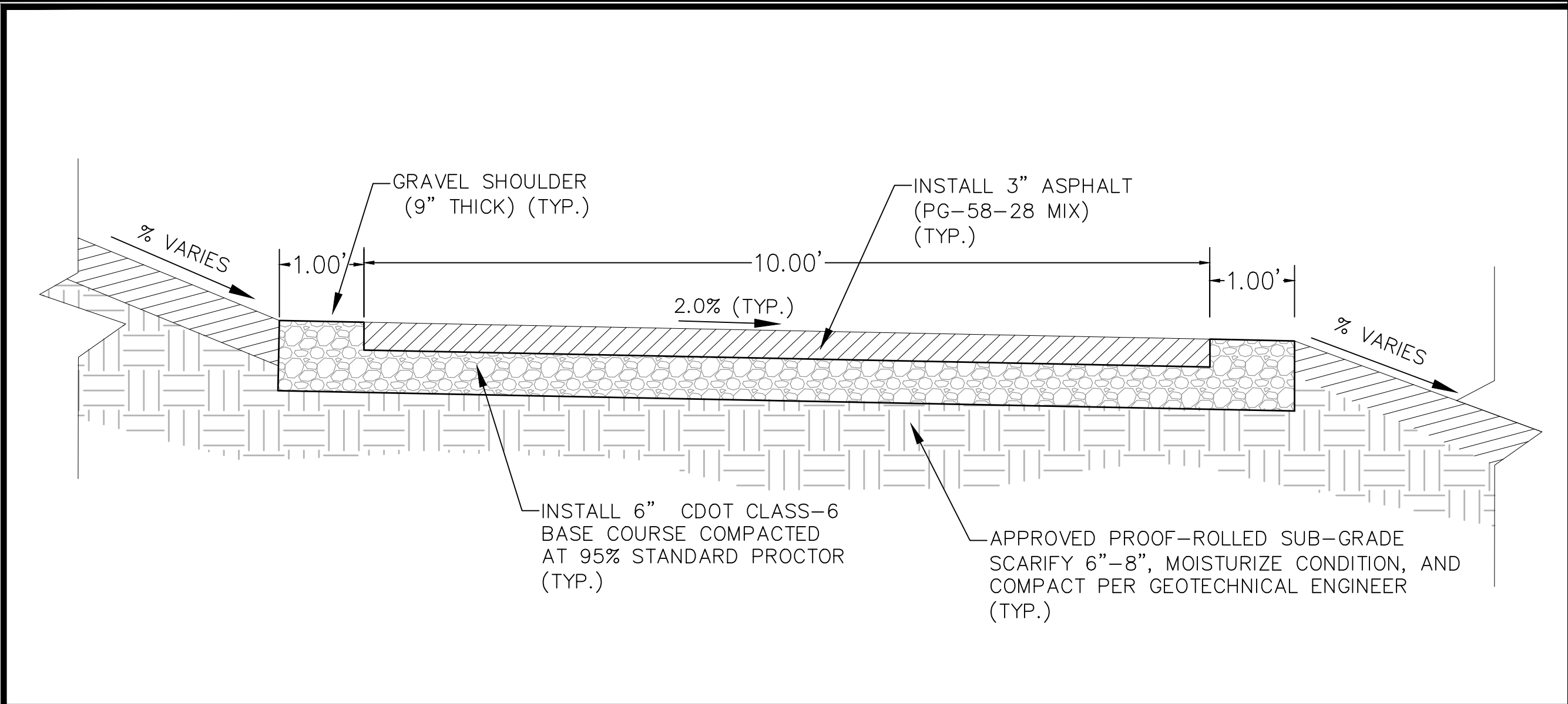
DESIGNED BY:	BPS
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CHECKED BY:	BPS
DATE ISSUED:	5-4-23
PROJECT NO.	15-0096
SHEET NO.	23 OF 26



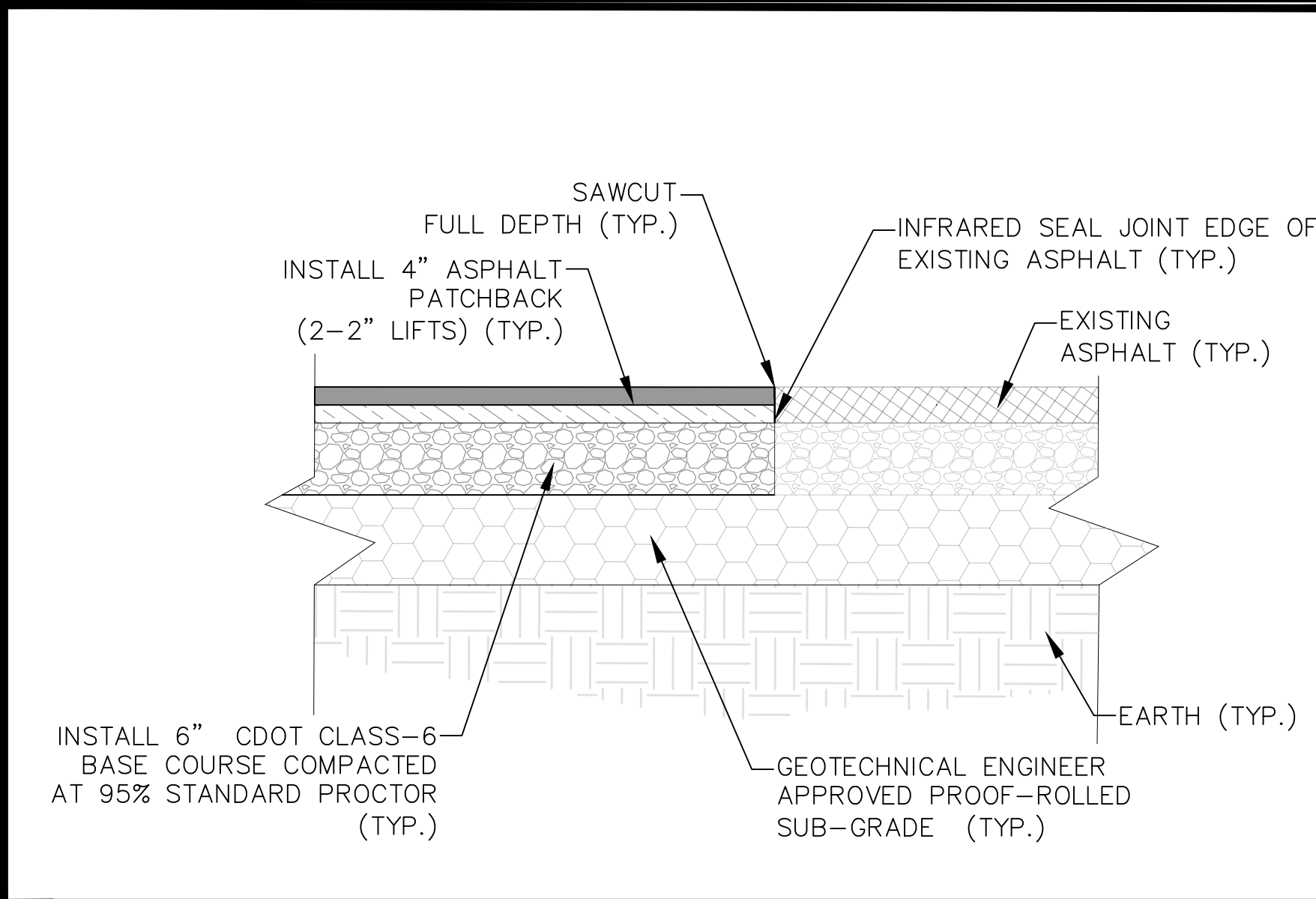


<h1 style="margin: 0;">EROSION CONTROL PLAN</h1>	
<h2 style="margin: 0;">EAGLE VALLEY TRAILS –DOWD TO MINTURN SEGMENT</h2> <h3 style="margin: 0;">TOWN OF MINTURN</h3> <h3 style="margin: 0;">EAGLE COUNTY, COLORADO</h3>	
DESIGNED BY:	BPS
DRAWN BY:	ELS
CHECKED BY:	BPS
DATE ISSUED:	5-4-23
PROJECT NO.	
15-0096	
SHEET NO.	
24 OF 26	

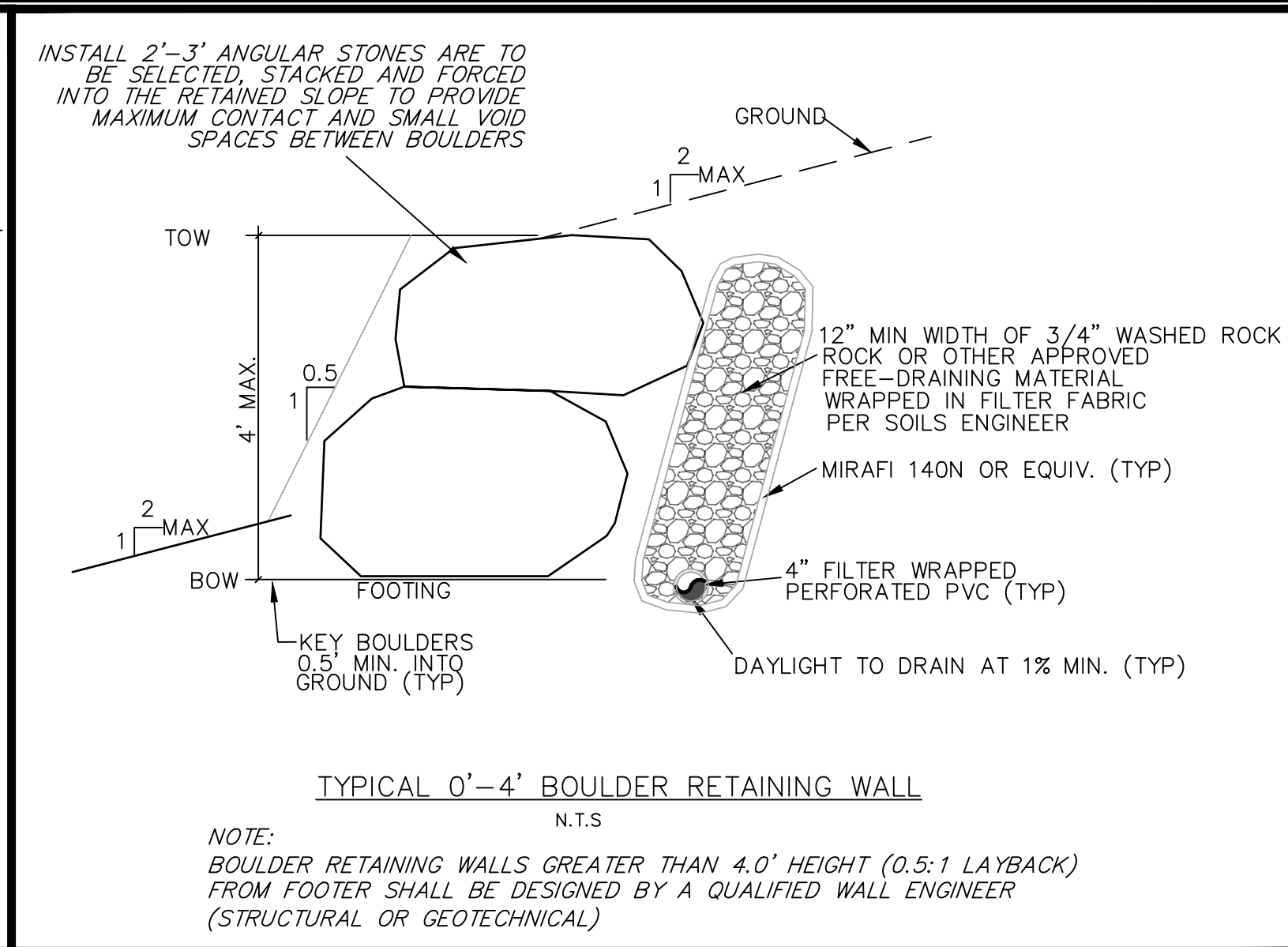




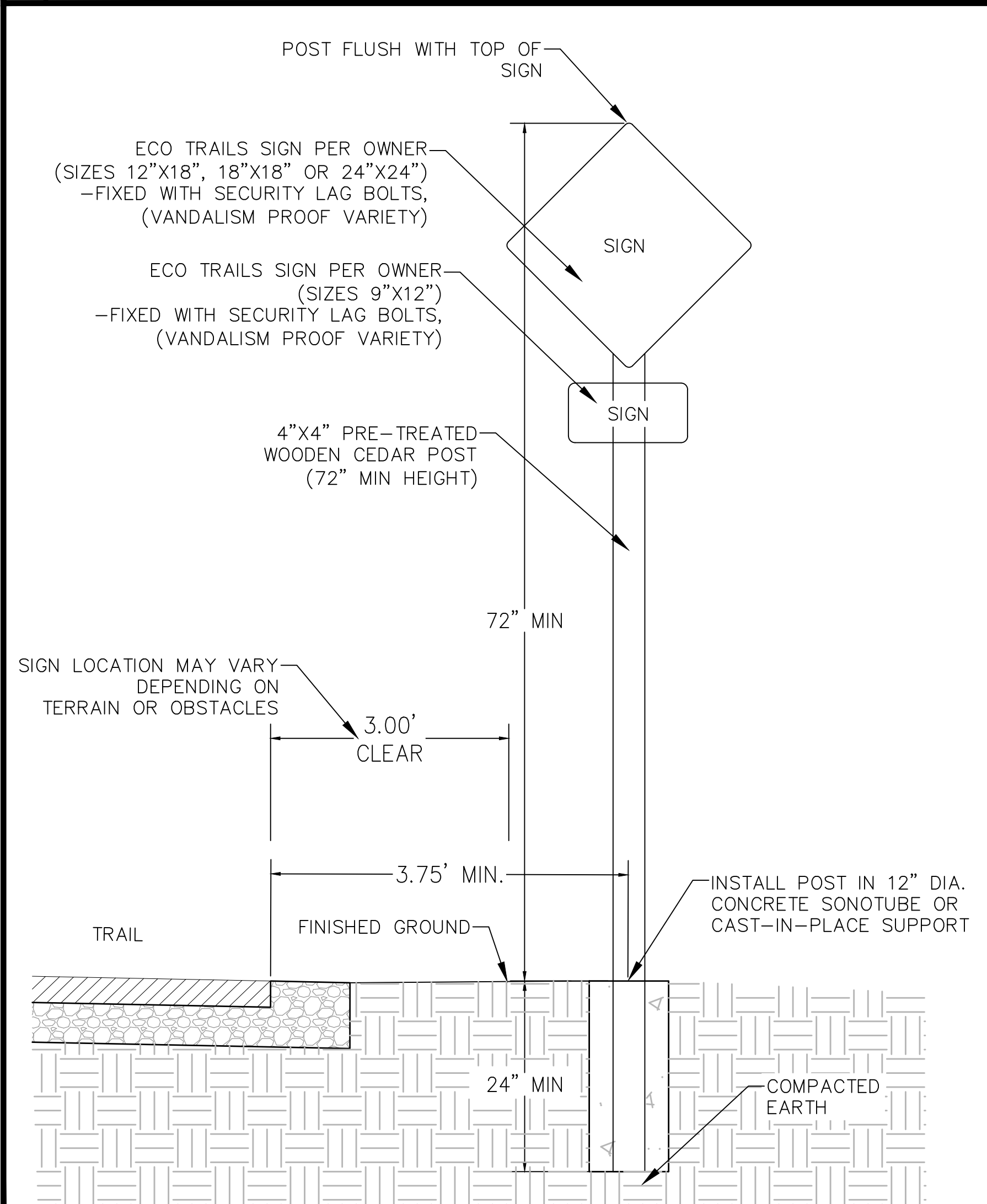
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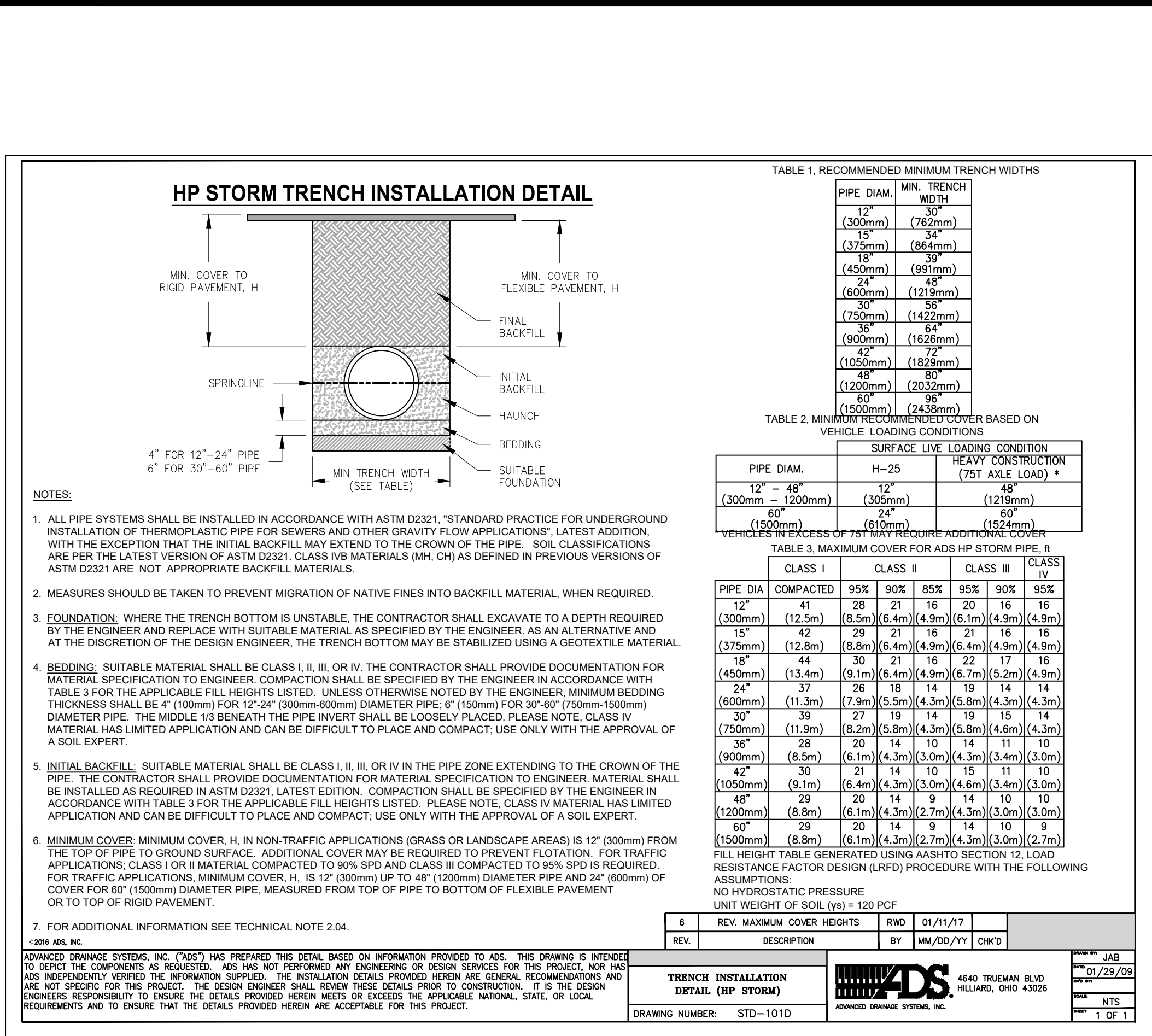
B TYPICAL ASPHALT PATCHBACK/PAVING DETAILS N.T.S.



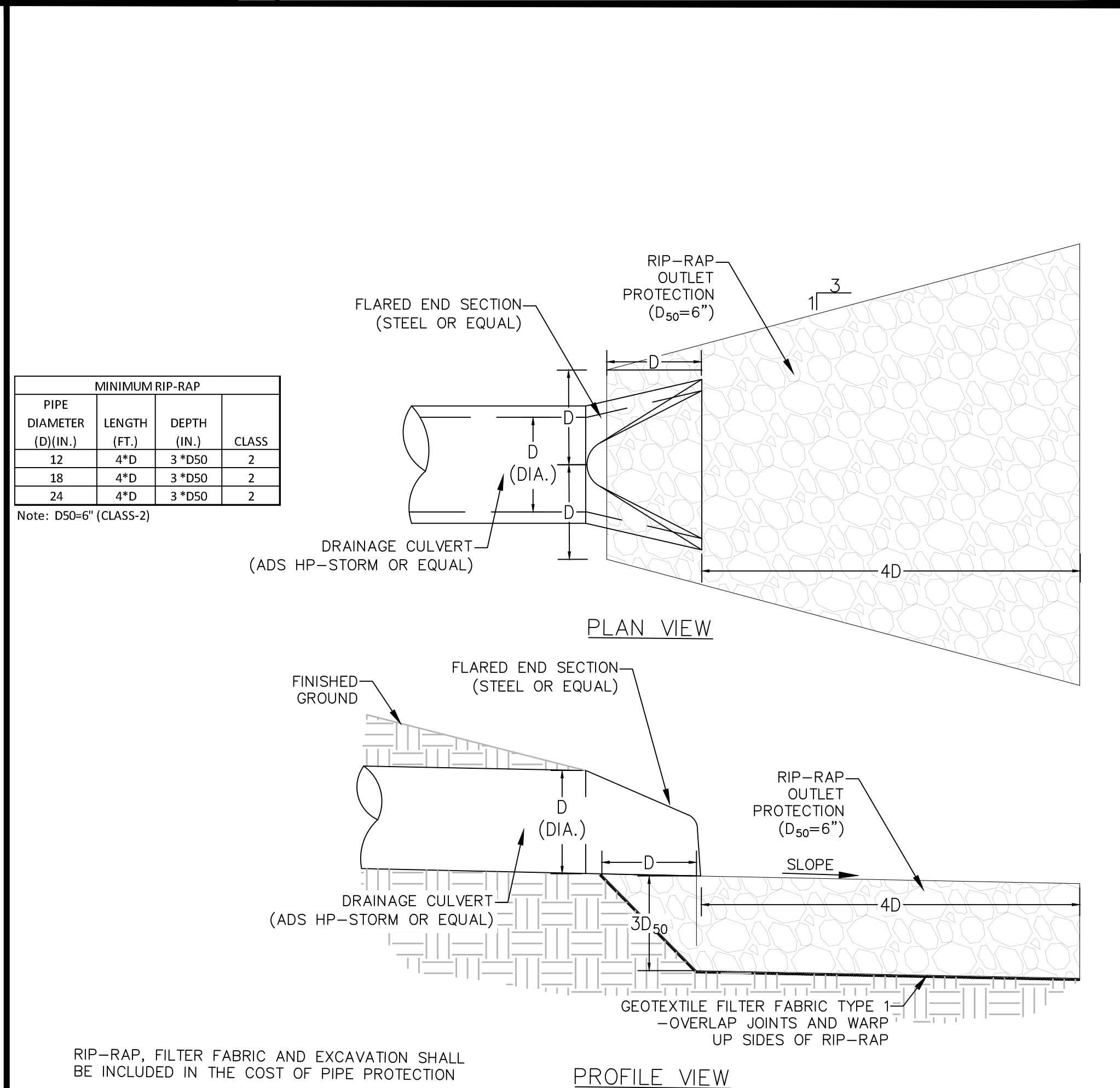
C TYPICAL BOULDER WALL DETAILS N.T.S.



D TYPICAL TRAIL SIGN DETAILS N.T.S.



E TYPICAL CULVERT TRENCH DETAILS N.T.S.



F TYPICAL OUTLET PROTECTION DETAILS N.T.S.



DESIGNED BY:	BPS
DRAWN BY:	ELS
CHECKED BY:	BPS
DATE ISSUED:	5-4-23

PROJECT NO.
15-0096

SHEET NO.
26 OF 26