

MITCHELL HOLLOW PHASE 1

100% PLANS

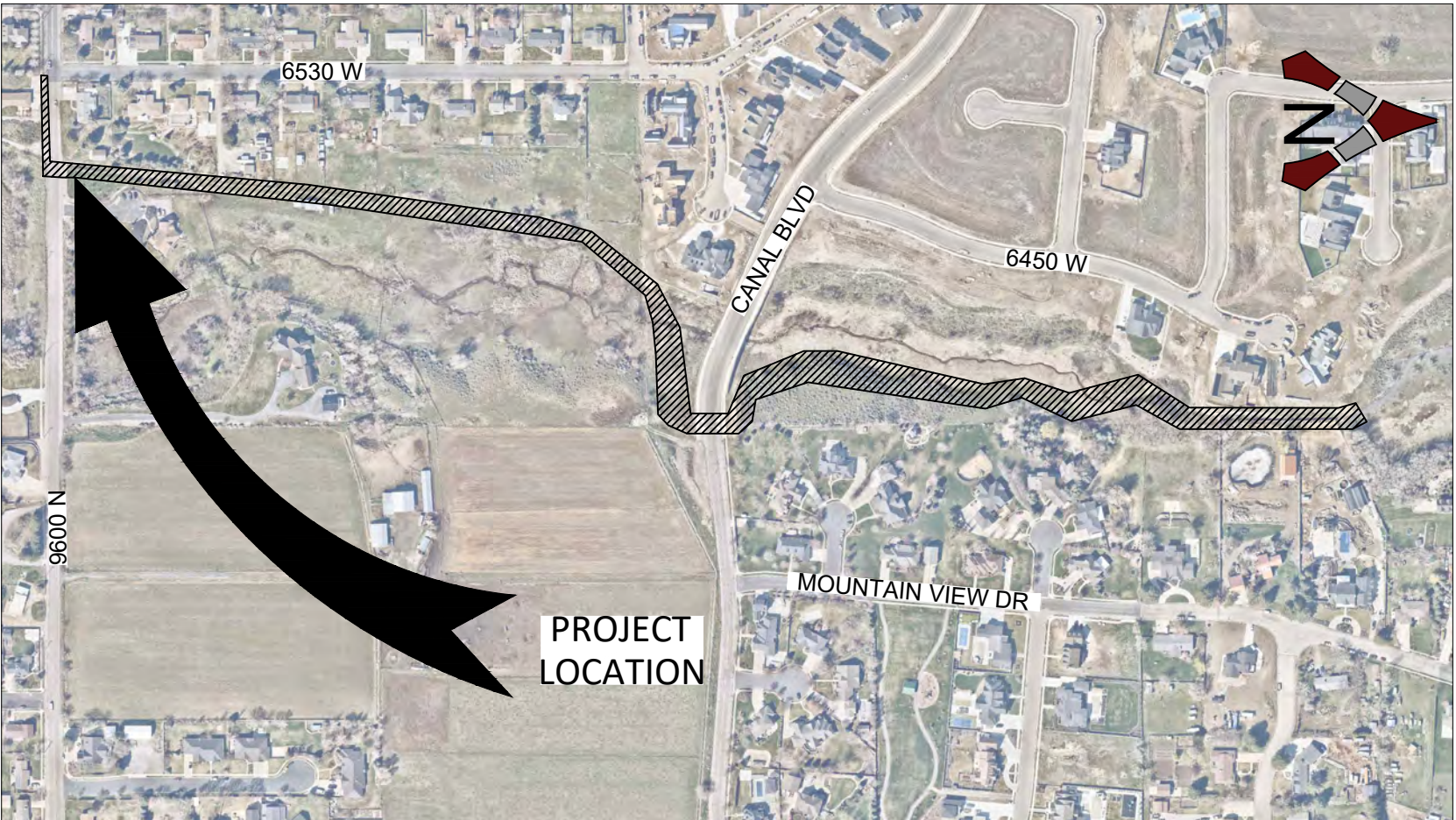
OCTOBER 17, 2025



HIGHLAND PUBLIC WORKS DEPARTMENT
5400 W CIVIC CENTER DRIVE
HIGHLAND, UT 84003
TEL: (801) 772-4515

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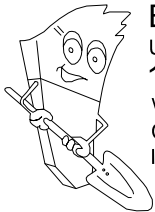


VICINITY MAP

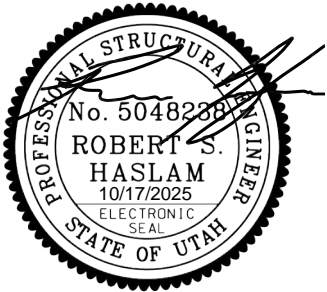
SCALE: N.T.S.

HIGHLAND CITY
CONSTRUCTION STANDARDS

<https://www.highlandut.gov/200/Construction-Standards-Specifics>









































































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ENGINEERING MANAGER: _____
CHRIS TRUSTY

PARKS DIVISION MANAGER/
PROJECT MANAGER: _____
JOSH CASTLEBERRY

DESCRIPTION	EXIST.	PROP.	DESCRIPTION	EXIST.	PROP.
SANITARY SEWER			IRRIGATION		
CLEANOUT			IRRIGATION VALVE		
SS MANHOLE			IRRIGATION VALVE BOX		
SS VALVE			SPRINKLER		
SS METER			IRRIGATION GATE		
SEWER STUB			NATURAL GAS		
STORM DRAIN			GAS METER		
CATCH BASIN			GAS VALVE		
STORM DRAIN MANHOLE			GAS MANHOLE		
SD CLEAN OUT BOX			SITE		
FLARE END			BOLLARD		
COMMUNICATION			BOULDER		
TELE. MANHOLE			DRINKING FOUNTAIN		
TELE. PEDESTAL			FLAGPOLE		
TELE. POLE			GATE		
COMM. PEDESTAL			MAIL BOX		
CABLE TV			PEDESTRIAN SIGNAL		
DOMESTIC WATER			SCHOOL SIGN		
FIRE HYDRANT			SIGN		
SPIGOT			SPOT ELEVATION		
WATER MANHOLE			TREE (SHRUB)		
WATER METER			TREE		
WATER VALVE			TEST HOLE		
YARD HYDRANT			WELL		
ELECTRIC			WELL (MONITORING)		
ELEC. MANHOLE			SURVEY		
ELEC. METER			CAP		
ELEC. TRANS.			CTRL PT		
JUNCTION BOX					
GUY WIRE					
POWER STUB					
UTILITY POLE					
STREET LIGHT					
STREET LIGHT WITH ARM					
TRAFFIC SIGNAL POLE					

DESCRIPTION	EXIST.	PROP.
STORM DRAIN		
DRAIN LINE		
SANITARY SEWER		
WATER		
IRRIGATION		
NATURAL GAS		
OVERHEAD POWER		
UNDERGROUND POWER		
OVERHEAD TELEPHONE		
UNDERGROUND TELEPHONE		
FIBER OPTIC		
CABLE TELEVISION		
FENCE		
DITCH		
MAJOR CONTOUR		
MINOR CONTOUR		
TOP OF BANK		
TOE OF SLOPE		
PROPERTY LINE		
PROPERTY LINE (OPTIONAL)		
RIGHT OF WAY		
TEMPORARY EASEMENT		
PERMANENT EASEMENT		
PROPERTY EASEMENT		
ROAD SHOULDER		
ROAD CENTERLINE		
ROAD ASPHALT		
ROAD GRAVEL		
ROAD DIRT		
CURB AND GUTTER		
CUT		
FILL		
UNDERGROUND CABLE		
T.C.E.		
EDGE OF ASPHALT		

ABBREVIATIONS	
ABBREV.	TERM
A	GRADE CHANGE
ADAAG	AMERICANS WITH DISABILITIES ACT ACCESSIBLE DESIGN
ALUM	ALUMINUM
AP	ANGLE POINT
APWA	AMERICAN PUBLIC WORKS ASSOCIATION
ASR	AQUIFER STORAGE AND RECOVERY PROJECT
ASSY	ASSEMBLY
A.S.T.M	AMERICAN SOCIETY FOR TESTING AND MATERIALS
∠	ANGLE
@	AT (MEASUREMENTS)
BC	BEGINNING OF CURVE
BFS	BEGIN FULL SUPER
BLDG	BUILDING
B.M.	BENCH MARK
BNC	BEGIN NORMAL CROWN
BNS	BEGIN NORMAL SHOULDER
BOA	BEGINNING OF ALIGNMENT
BP	ALIGNMENT BEGINNING
BREAK	GRADE BREAK
BSC	BITUMINOUS SURFACE COURSE
BSW	BACK OF SIDEWALK
BVC	BEGIN VERTICAL CURVE
BVCE	BVC ELEVATION
BVCS	BVC STATION
BVP	PROFILE START
BOW	BOTTOM OF WALL
B.W.	BOTH WAYS
C	CHANNEL (STRUCTURAL)
CB	CATCH BASIN
CJ	CONTROL JOINT
€	CENTER LINE
CLR	CLEARANCE
CMP	CORRUGATED METAL PIPE
CMU	CONCRETE MASONRY UNIT
CO	CLEANOUT
CONC	CONCRETE
CONT	CONTINUOUS
CPLG	COUPLING
CTR	CENTER
CU FT	CUBIC FEET
CU YD	CUBIC YARD
DEG OR °	DEGREE
DET OR DTL	DETAIL
DIA OR Ø	DIAMETER
D.I.P.	DUCTILE IRON PIPE
DIST	DISTRIBUTION
DWG	DRAWING
EA	EACH
EC	END OF CURVE
EFS	END FULL SUPER
ELB	ELBOW
ELEV OR ELE	ELEVATION
ENC	END NORMAL CROWN
ENS	END NORMAL SHOULDER
EOA	END OF ALIGNMENT

ABBREVIATIONS	
ABBREV.	TERM
EP	ALIGNMENT END
EVP	PROFILE END
E.W.	EACH WAY
EXIST	EXISTING
EVC	END VERTICAL CURVE
EVCE	EVC ELEVATION
EVCS	EVC STATION
EX	EXISTING
FF	FINISH FLOOR
FG	FINISH GRADE
FH	FIRE HYDRANT
FL	FLOW LINE
FLG	FLANGE
FS	FINISH SURFACE
FT OR '	FEET
FTG	FOOTING
FSW	FRONT OF SIDEWALK
FWK	CONCRETE FLATWORK
GALV	GALVANIZED
GB	GRADE BREAK
GPM	GALLONS PER MINUTE
GV	GATE VALVE
HMA	HOT MIX ASPHALT
HORIZ	HORIZONTAL
HP	HIGH POINT
ID	INSIDE DIAMETER
IE	INVERT ELEVATION
IN. OR "	INCH
INV.	INVERT
K	CURVE COEFFICIENT
KSI	KIPS PER SQUARE INCH
LT	LEFT
LB	LINE BEGINNING
LB OR #	POUND
LC	LEVEL CROWN
LE	LINE END
LF	LINEAL FEET
LN	LINEAL
LP	LOW POINT
LSM	LOW SHOULDER MATCH
MAN	MANUAL
MAX	MAXIMUM
MIN	MINIMUM
MUTCD	MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES
NO. OR #	NUMBER
NTS	NOT TO SCALE
O.C.	ON CENTER
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
PE	POLYETHYLENE
PGL	PROFILE GRADE LINE
PI	TANGENT-TANGENT INTERSECT
PL OR ʁ	PLATE OR PROPERTY LINE
PRC	POINT OF REVERSE CURVATURE
PT	END OF CURVE
PVC	POLYVINYL-CHLORIDE
PVI	POINT OF VERTICAL INTERSECTION

ABBREVIATIONS	
ABBREV.	TERM
R	RADIUS
R&R	REMOVE & REPLACE
RC	REVERSE CROWN
RCP	REINFORCED CONCRETE PIPE
REM	REMOVE
REQ OR REQ'D	REQUIRED
REV	REVISION
R/W	RIGHT-OF-WAY
RT	RIGHT
S	SLOPE
SBO	SHOULDER BREAKOVER
SCH	SCHEDULE
SDCB	STORM DRAIN CATCH BASIN
SDMH	STORM DRAIN MANHOLE
SF	SQUARE FEET
SPI	REVERSE SPIRAL INTERSECT
SPEC	SPECIFICATION
SS_LRB	SIMPLE SPIRAL LARGE RADIUS AT BEGINNING
SS_LRE	SIMPLE SPIRAL LARGE RADIUS AT END
SS_SRB	SIMPLE SPIRAL SMALL RADIUS AT BEGINNING
SS_SRE	SIMPLE SPIRAL SMALL RADIUS AT END
ST	SPIRAL-TANGENT INTERSECT
STA	STATION
STD	STANDARD
STL	STEEL
ST STL	STAINLESS STEEL
SS	SPIRAL-SPIRAL INTERSECT
TBC	TOP BACK OF CURB
TC	TOP OF CONCRETE
TFC	TOP FACE OF CONCRETE
TOB	TOP OF BANK
TOC	TOP OF CONCRETE
TOF	TOP OF FOOTING
TOP	TOP OF PIPE
TOW	TOP OF WALL
TS	TANGENT-SPIRAL INTERSECT OR TYPICAL SECTION
TYP	TYPICAL
VCC	VERTICAL COMPOUND CURVE
VCCE	VCC ELEVATION
VCCS	VCC STATION
VRC	VERTICAL REVERSE CURVE
VRCE	VRC ELEVATION
VRCS	VRC STATION
W	WALL
WWF	WELDED WIRE FABRIC
W/	WITH
W/O	WITHOUT
W/REQ'D	WHERE REQUIRED

[illegible]

ENGINEER, AND/OR ANY REGULATORY AGENCY.

4.9. THE CONTRACTOR SHALL MAINTAIN A NEATLY MARKED SET OF FULL-SIZE AS-BUILT RECORD DRAWINGS SHOWING THE FINAL LOCATION AND LAYOUT OF ALL ROADWAYS, PIPING AND CONDUITS, STRUCTURES AND OTHER FACILITIES. AS-BUILT RECORD DRAWINGS ARE TO BE SUBMITTED BY THE CONTRACTOR PRIOR TO SUBSTANTIAL COMPLETION AND HIGHLAND CITY ACCEPTANCE OF THE CONSTRUCTION.

- 5.3. PUBLIC NOTICE TO PROJECTS IN THE PUBLIC WAY- FOR APPROVED PROJECTS THE CONTRACTOR IS RESPONSIBLE TO PROVIDE AND DISTRIBUTE WRITTEN NOTICE TO ALL RESIDENTS LOCATED WITHIN THE PROJECT AREA AT LEAST 72-HOURS PRIOR TO CONSTRUCTION. WORK TO BE CONDUCTED WITHIN COMMERCIAL OR INDUSTRIAL AREAS MAY REQUIRE A LONGER NOTIFICATION PERIOD AND ADDITIONAL CONTRACTOR COORDINATION WITH PROPERTY OWNERS. THE WRITTEN NOTICE IS TO BE APPROVED BY HIGHLAND CITY PRIOR TO DISTRIBUTION.

6. PLANS

- 6.4. FAILURE OF PLANS OR SPECIFICATIONS TO MENTION SPECIFICALLY THE PROVISION OF ANY ITEM(S), OR PERFORMANCE OF ANY WORK OR PROCEDURE WHICH WOULD NORMALLY BE REQUIRED TO COMPLETE THE PROJECT, SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY TO PROVIDE SUCH ITEM(S) OR TO PERFORM SUCH WORK OR PROCEDURE.

7. CONSTRUCTION LIMITS

- 7.1. PROJECT LIMITS - THE CONTRACTOR SHALL BE REQUIRED TO KEEP ALL CONSTRUCTION ACTIVITIES WITHIN THE APPROVED PROJECT LIMITS. THIS INCLUDES, BUT IS NOT LIMITED TO, VEHICLE AND EQUIPMENT STAGING, MATERIAL STORAGE AND LIMITS OF TRENCH EXCAVATION. IT IS THE CONTRACTORS RESPONSIBILITY TO OBTAIN PERMISSION AND/OR EASEMENTS FROM THE APPROPRIATE GOVERNING ENTITY AND/OR INDIVIDUAL PROPERTY OWNER(S) FOR WORK OR STAGING OUTSIDE OF THE PROJECT LIMITS.

SHEET	GN-01	
PROJECT	MITCHELL HOLLOW TRAIL	
PROJECT NUMBER	D241185UT.00	
GENERAL NOTES		
 <div style="float: right; text-align: right;"> consort CONSORT NORTH AMERICA, INC. 36 E SCENIC POINTE DRAPER, UT 84020 Tel. 888-461-6822 </div>		
<div style="text-align: center;">  PROFESSIONAL ENGINEER </div>		
<div style="display: flex; justify-content: space-between;"> <div style="width: 45%;">  <p>HIGHLAND CITY</p> </div> <div style="width: 50%; text-align: right;"> PUBLIC WORKS DEPARTMENT 3400 W. CIVIC CENTER DRIVE MIDVALLEY, UT 84003 Tel. 801-772-4515 </div> </div>		
DATE 10/17/25		CHECKED BY DWH
DRAWN BY JBA		
		NO.
		REVISIONS
		BY
		DATE

8. CONSTRUCTION SITE		WITHIN ANY PUBLIC RIGHT-OF-WAY THAT DOES NOT HAVE THE APPROPRIATE TRAFFIC CONTROL PER THE MUTCD.		RECOMMENDATIONS. MATTING SHALL BE PLACED ON BOTTOM AND SIDE SLOPES TO PROVIDE EITHER 1.0' STABILIZED DEPTH, UNLESS OTHERWISE INDICATED ON PLANS.	
8.1.	THE CONTRACTOR SHALL ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOBSITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THIS PROJECT, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS; AND THAT THE CONTRACTOR SHALL DEFEND, INDEMNIFY AND HOLD THE OWNER AND ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT.	11. MAINTENANCE OF TRAFFIC		12.8.	ONCE BEGUN, ROAD CONSTRUCTION SHALL BE CONTINUED UNTIL FULL DEPTH OF AGGREGATE BASE AND PAVING AS SHOWN ON THE TYPICAL SECTION ARE PLACED, INCLUDING THE FINISHED SURFACE COURSE. AGGREGATE BASE COURSE AND HOT MIX ASPHALT BASE COURSE SHALL NOT REMAIN UNCOVERED FOR MORE THAN (5) FIVE WORKING DAYS.
8.2.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ASPECTS OF SAFETY OF THE PROJECT AND SHALL COMPLY WITH ALL PUBLIC SAFETY, STATE, COUNTY, CITY AND OSHA STANDARDS.	11.1.	FOR ALL WORK WITHIN PUBLIC RIGHTS-OF-WAYS OR EASEMENTS, THE CONTRACTOR SHALL PRESERVE THE INTEGRITY AND LOCATION OF ANY AND ALL PUBLIC UTILITIES AND PROVIDE THE NECESSARY CONSTRUCTION TRAFFIC CONTROL. CONTRACTOR SHALL, THROUGH THE ENCROACHMENT PERMIT PROCESS, VERIFY WITH THE NECESSARY REGULATORY AGENCIES, THE NEED FOR ANY TRAFFIC ROUTING PLAN. IF PLAN IS REQUIRED, CONTRACTOR SHALL PROVIDE PLAN AND RECEIVE PROPER APPROVALS PRIOR TO BEGINNING CONSTRUCTION.	12.9.	OFF-SITE BORROW MATERIAL TO BE IMPORTED FOR EMBANKMENT CONSTRUCTION AND SUPPORT OF PAVEMENT IS TO MEET THE MINIMUM SUBGRADE SOIL SPECIFICATIONS IN THE HIGHLAND CITY PUBLIC WORKS STANDARD SPECIFICATIONS AND DRAWINGS. CBR TESTING OF OFF-SITE BORROW MATERIAL SHALL BE COMPLETED AND THE TEST RESULTS SUBMITTED TO AND APPROVED BY HIGHLAND CITY PRIOR TO DELIVERY OF THE MATERIAL. THE PAVING DESIGN SECTIONS SHOWN ON THE APPROVED PLANS SHALL BE REVIEWED AND EVALUATED USING THE CBR TESTING RESULTS OF THE BORROW MATERIAL. ANY CHANGES TO THE PAVEMENT DESIGN SECTIONS BASED ON THE CBR TEST RESULTS SHALL BE INCORPORATED THROUGH THE RED-LINE REVISION PROCESS.
8.3.	THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONFORMING TO LOCAL AND FEDERAL CODES GOVERNING SHORING AND BRACING OF EXCAVATIONS AND TRENCHES, AND FOR THE PROTECTION OF WORKERS.	11.2.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL DURING CONSTRUCTION. ALL TRAFFIC CONTROLS SHALL CONFORM TO HIGHLAND CITY'S STANDARDS AND SPECIFICATIONS AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, (MUTCD) LATEST EDITION. A PLAN SHALL BE SUBMITTED TO HIGHLAND CITY FOR REVIEW AND ACCEPTANCE TWO WEEKS PRIOR TO CONSTRUCTION.	12.10.	ALL BACKFILL SHALL CONFORM TO APWA, HIGHLAND CITY STANDARD PLANS AND SPECIFICATIONS.
8.4.	DUST CONTROL SHALL BE PROVIDED AT ALL TIMES, AT THE CONTRACTORS EXPENSE, TO MINIMIZE ANY DUST NUISANCE AND SHALL BE IN ACCORDANCE WITH APWA SPECIFICATION 01 57 00. WATER FOR DUST CONTROL SHALL BE DRAWN FROM AN APPROVED HIGHLAND CITY METERED FIRE HYDRANT.	11.3.	CONTRACTOR SHALL IMMEDIATELY REMOVE AND REPLACE DEVICES WHICH ARE DAMAGED, DO NOT FUNCTION PROPERLY, OR ARE DETERMINED BY CONSTRUCTION INSPECTOR TO BE UNSUITABLE FOR THEIR PURPOSE. TRAFFIC CONTROL DEVICES MAY BE REMOVED ONLY UPON APPROVAL OF CONSTRUCTION INSPECTOR.	12.11.	ALL MATERIALS AND CONSTRUCTION SHALL BE IN ACCORDANCE WITH HIGHLAND CITY AND APWA STANDARDS AND SPECIFICATIONS. IN INSTANCES OF A CONFLICT IN STANDARDS, THE CORRESPONDING MUNICIPALITY STANDARDS GOVERN.
8.5.	THE CONTRACTOR AGREES THAT	11.4.	THE CONTRACTOR SHALL PROVIDE ALL LIGHTS, BARRICADES, SIGNS, FLAGMEN OR OTHER DEVICES NECESSARY FOR PUBLIC SAFETY.	12.12.	ALL ROADWAY MATERIALS SHALL BE COMPACTED AS PER THE GEOTECHNICAL REPORT.
	A. THEY SHALL BE RESPONSIBLE TO CLEAN THE JOB SITE AT THE END OF EACH PHASE OF WORK.	11.5.	BEFORE ANY WORK IS STARTED IN THE RIGHT-OF-WAY, THE CONTRACTOR SHALL INSTALL ALL ADVANCE WARNING SIGNS FOR THE CONSTRUCTION ZONE.	12.13.	ASPHALT AND SOIL TESTING - THE CONTRACTOR SHALL PROVIDE MARSHALL AND PROCTOR TEST DATA 24-HOURS PRIOR TO USE. CONTRACTOR IS TO PROVIDE COMPACTION AND DENSITY TESTING AS REQUIRED BY HIGHLAND CITY PUBLIC WORKS OR OTHER GOVERNING ENTITY. TRENCH BACKFILL MATERIAL AND COMPACTION TESTS ARE TO BE TAKEN PER APWA STANDARD SPECIFICATIONS, SECTION 33 05 20 - BACKFILLING TRENCHES, OR AS REQUIRED BY THE HIGHLAND CITY PROJECT ENGINEER IF NATIVE MATERIALS ARE USED. NO NATIVE MATERIALS ARE ALLOWED WITHIN THE PIPE ZONE. THE MAXIMUM LIFTS FOR BACKFILLING EXCAVATIONS IS 8-INCHES. ALL MATERIALS AND COMPACTION TESTING IS TO BE PERFORMED BY A LAB RECOGNIZED AND ACCEPTED BY HIGHLAND CITY PUBLIC WORKS.
	B. THEY SHALL BE RESPONSIBLE TO REMOVE AND DISPOSE OF ALL TRASH, SCRAP AND UNUSED MATERIAL AT THEIR OWN EXPENSE IN A TIMELY MANNER.	11.6.	IF THE IMPROVEMENTS NECESSITATE THE OBLITERATION, TEMPORARY OBSTRUCTION, TEMPORARY REMOVAL, OR RELOCATION OF ANY EXISTING TRAFFIC PAVEMENT MARKING, SUCH PAVEMENT MARKING SHALL BE RESTORED OR REPLACED WITH LIKE MATERIALS TO THE SATISFACTION OF THE CITY ENGINEER OR DESIGNEE.		
	C. THEY SHALL BE RESPONSIBLE TO MAINTAIN THE SITE IN A NEAT, SAFE AND ORDERLY MANNER AT ALL TIMES.	11.7.	HIGHLAND CITY MUST APPROVE ALL PROJECT HAUL ROUTES.		
	D. THEY SHALL BE RESPONSIBLE TO KEEP MATERIALS, EQUIPMENT, AND TRASH OUT OF THE WAY OF OTHER CONTRACTORS SO AS NOT TO DELAY THE JOB. FAILURE TO DO SO WILL RESULT IN A DEDUCTION FOR THE COST OF CLEAN UP FROM THE FINAL PAYMENT.	12. MATERIAL			
	E. THEY SHALL BE RESPONSIBLE FOR THEIR OWN SAFETY, TRAFFIC CONTROL, PERMITS, RETESTING AND REINSPECTIONS AT THEIR OWN EXPENSE.	12.1.	ALL MATERIALS SHALL BE IN ACCORDANCE WITH THESE CONTRACT DOCUMENTS AND THE MOST RECENT EDITIONS OF THE FOLLOWING:		
	F. UNLESS OTHERWISE NOTED, ALL EXCESS SOILS AND MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE LAWFULLY DISPOSED OF OFF SITE AT THE CONTRACTOR'S EXPENSE. OWNER MAY DESIGNATE A LOCATION ADJACENT TO WORK FOR STOCKPILING OF EXCESS SOILS.		A. HIGHLAND CITY STANDARD SPECIFICATION AND DRAWINGS		
	G. THE CONTRACTOR SHALL IMMEDIATELY REMOVE ANY CONSTRUCTION DEBRIS OR MUD TRACKED ONTO EXISTING ROADWAYS.		B. APWA MANUAL OF STANDARD PLANS AND SPECIFICATIONS		
	H. THE CONTRACTOR SHALL REPAIR ANY EXCAVATION OR PAVEMENT FAILURES CAUSED BY HIS CONSTRUCTION.	12.2.	THE CONTRACTOR SHALL BE REQUIRED TO ADHERE TO ALL OF THE ABOVE-MENTIONED DOCUMENTS UNLESS OTHERWISE NOTED AND APPROVED IN WRITING BY THE HIGHLAND CITY DIRECTOR OF PUBLIC WORKS.		
9. CONSTRUCTION STAKING		12.3.	ASPHALT GUARANTEE - THE CONTRACTOR SHALL REMOVE, DISPOSE OF, FURNISH AND PLACE PERMANENT ASPHALT PER UDOT AND CITY STANDARDS AS APPLICABLE TO THE PROJECT. THE CONTRACTOR SHALL GUARANTEE THE ASPHALT RESTORATION FOR A PERIOD AS REQUIRED BY THE GOVERNING ENTITY.		
9.1.	CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION STAKING. CENTERLINE OF TRAIL TO BE APPROVED BY HIGHLAND CITY AND ENGINEER.	12.4.	TEMPORARY ASPHALT - IF THE CONTRACTOR CHOOSES TO WORK WITHIN THE PUBLIC WAY WHEN HOT MIX ASPHALT IS NOT AVAILABLE, THE CONTRACTOR MUST OBTAIN APPROVAL FROM THE APPROPRIATE GOVERNING ENTITY PRIOR TO INSTALLING TEMPORARY ASPHALT SURFACING MATERIAL. WITHIN HIGHLAND CITY, WHEN PERMANENT ASPHALT BECOMES AVAILABLE, THE CONTRACTOR SHALL REMOVE THE TEMPORARY ASPHALT, FURNISH AND INSTALL THE PERMANENT ASPHALT. THE CONTRACTOR SHALL GUARANTEE THE ASPHALT RESTORATION FOR A PERIOD AS REQUIRED BY THE GOVERNING ENTITY FROM THE DATE OF COMPLETION.		
9.2.	SURVEY CONTROL - CONTRACTOR SHALL PROVIDE A REGISTERED LAND SURVEYOR OR PERSONS UNDER SUPERVISION OF A REGISTERED LAND SURVEYOR TO SET STAKES FOR ALIGNMENT AND GRADE OF EACH MAIN AND/OR FACILITY AS APPROVED. THE STAKES SHALL BE MARKED WITH THE HORIZONTAL LOCATION (STATION) AND VERTICAL LOCATION (GRADE).	12.5.	CONSTRUCT EARTH FILLS FOR ROADS, EMBANKMENTS, AND STRUCTURES IN ACCORDANCE WITH APWA STANDARD SPECIFICATIONS.		
9.3.	THE CONTRACTOR SHALL BE RESPONSIBLE FOR FURNISHING, MAINTAINING, OR RESTORING ALL MONUMENTS AND REFERENCE MARKS WITHIN THE PROJECT SITE. DEPENDING ON THE LOCATION OF THE PROJECT; CONTACT THE COUNTY SURVEYOR FOR SECTION CORNER MONUMENTS AND HIGHLAND CITY FOR CITY MONUMENTS AND CONSTRUCTION REQUIREMENTS.	12.6.	CONTRACTOR IS RESPONSIBLE FOR PROVIDING SOIL, BASE AGGREGATE AND HOT MIX ASPHALT COMPACTION TESTING. A CERTIFIED TECHNICIAN MUST BE ONSITE AT ALL TIMES DURING FILL OPERATIONS. COPIES OF SOIL COMPACTION TEST RESULTS MUST BE PROVIDED TO, AND APPROVED BY, THE CONSTRUCTION INSPECTOR PRIOR TO PLACEMENT OF CURBS AND/OR BASE AGGREGATE. COPIES OF BASE AGGREGATE COMPACTION TEST RESULTS MUST BE PROVIDED TO, AND APPROVED BY, THE CONSTRUCTION INSPECTOR PRIOR TO PLACEMENT OF BASE HOT MIX ASPHALT.		
10. CONSTRUCTION STAGING		12.7.	WHERE DITCH OR WATERWAY STABILIZATION MATTING OF ANY TYPE IS SPECIFIED, INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S		
10.1.	CONTACT HIGHLAND CITY PROJECT MANAGER FOR CITY APPROVED CONSTRUCTION STAGING AREAS.				
10.2.	CONSTRUCTION VEHICLES SHALL USE TRUCK ROUTES DESIGNATED BY HIGHLAND CITY.				
10.3.	CONSTRUCTION VEHICLES, CONTRACTOR OR PRIVATE, OR CONSTRUCTION MATERIALS OR EQUIPMENT SHALL NOT BE PARKED, PLACED, OR STORED				
				PUBLIC WORKS DEPARTMENT 5400 W. CIVIC CENTER DRIVE HIGHLAND CITY, UT 84003 Tel. 801-772-4515	
				HIGHLAND CITY	
				DATE 10/17/25	
				DRAWN BY JBA	
				CHECKED BY DWH	
				NO.	
				REVISIONS	
				BY	
				DATE	
				PROJECT	
				PROJECT NUMBER	
				GENERAL NOTES	
				GN-02	
				SHEET	

CONSOR NORTH AMERICA, INC.
38 E SCENIC POINTE DR., SUITE 300
DRAPER, UT 84020
Tel. 888-451-6822



PROFESSIONAL ENGINEER

MITCHELL HOLLOW TRAIL

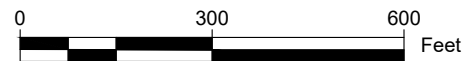
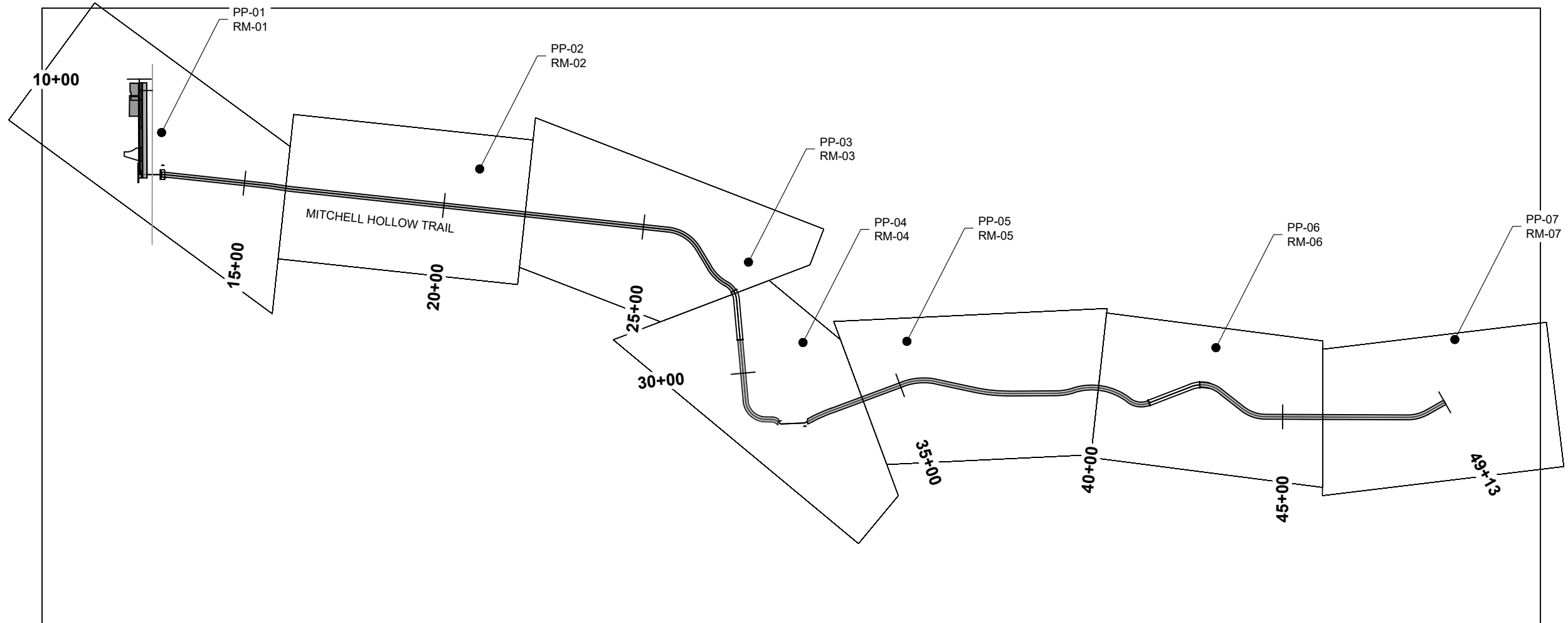
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GENERAL NOTES

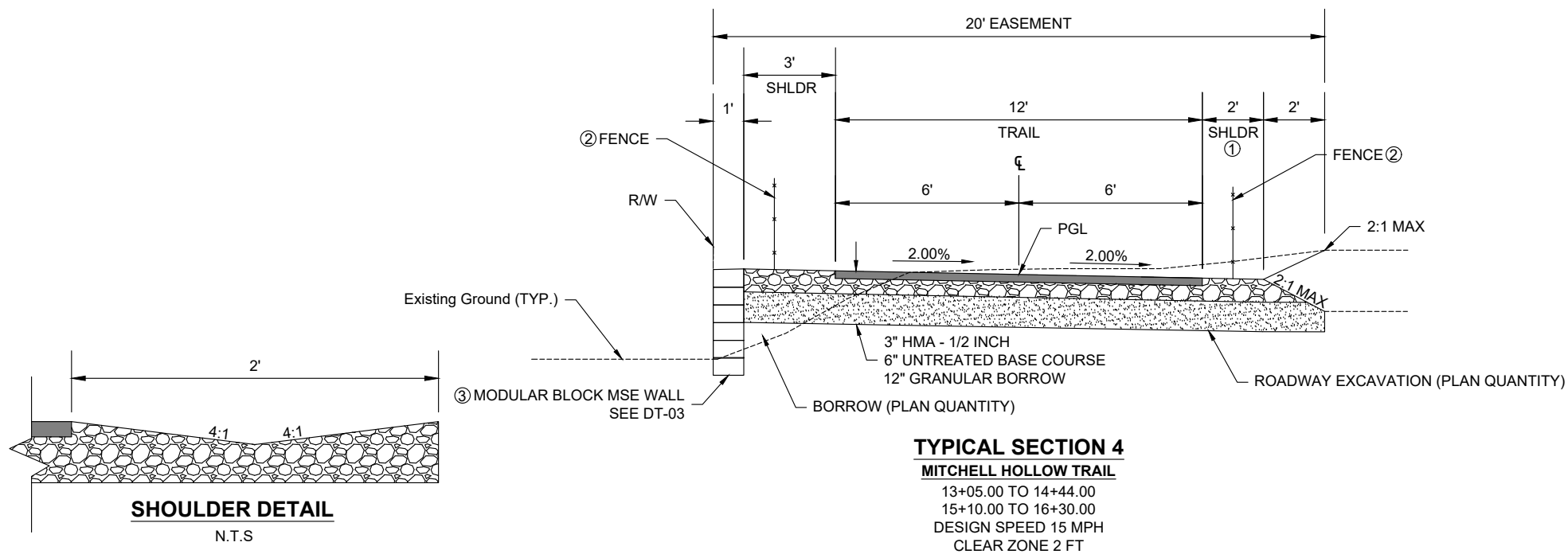
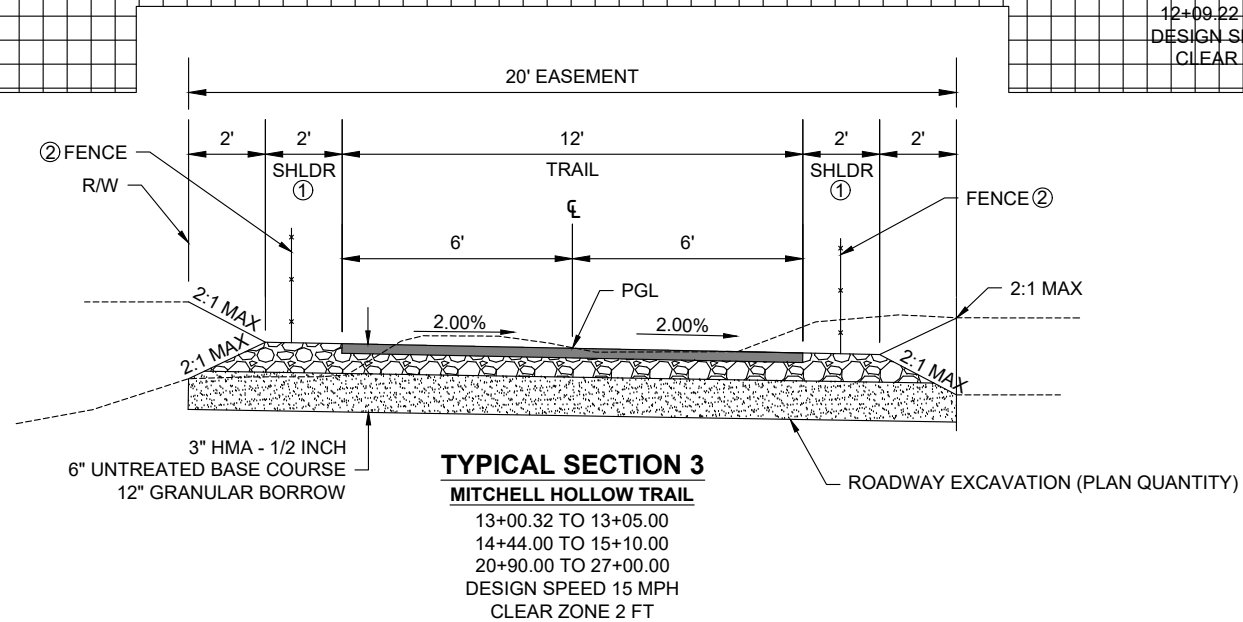
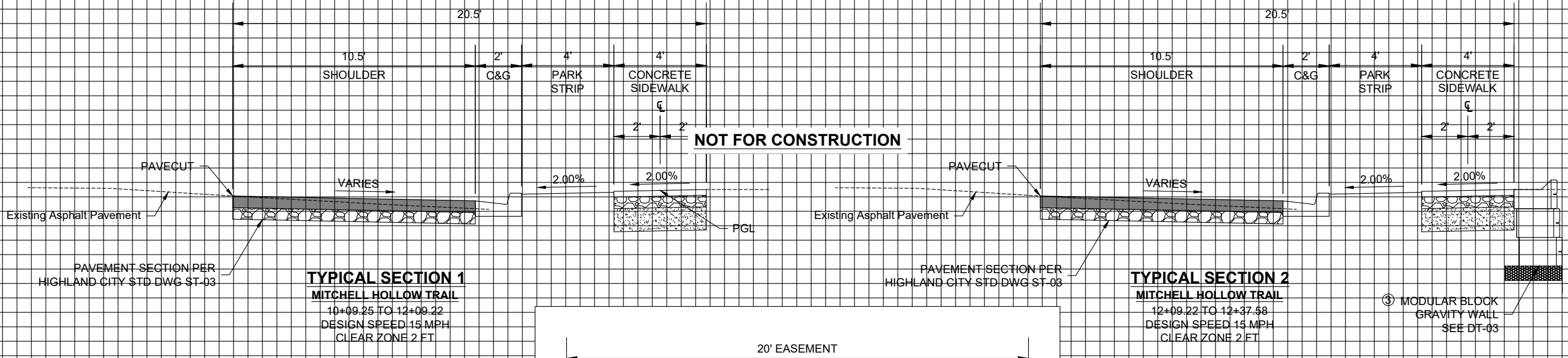
SHEET	PROJECT	MITCHELL HOLLOW TRAIL	 consort CONSORT NORTH AMERICA, INC. 10000 LAKEVIEW DRIVE SUITE 300 DRAPER, UT 84020 Tel. 888-451-6822	 PROFESSIONAL ENGINEER	 HIGHLAND CITY PUBLIC WORKS DEPARTMENT 10000 LAKEVIEW DRIVE SUITE 300 HIGHLAND CITY, UT 84003 Tel. 801-772-4815	DATE 10/17/25	DRAWN BY JBA	CHECKED BY DWH	NO.	REVISIONS	BY	DATE
	PROJECT NUMBER											
GN-03												



A horizontal number line is shown with tick marks at 0, 300, and 600. The word "Feet" is written at the right end. The line is divided into segments: from 0 to 100, 200 to 300, and 400 to 500 are black; from 100 to 200, 300 to 400, and 500 to 600 are white.

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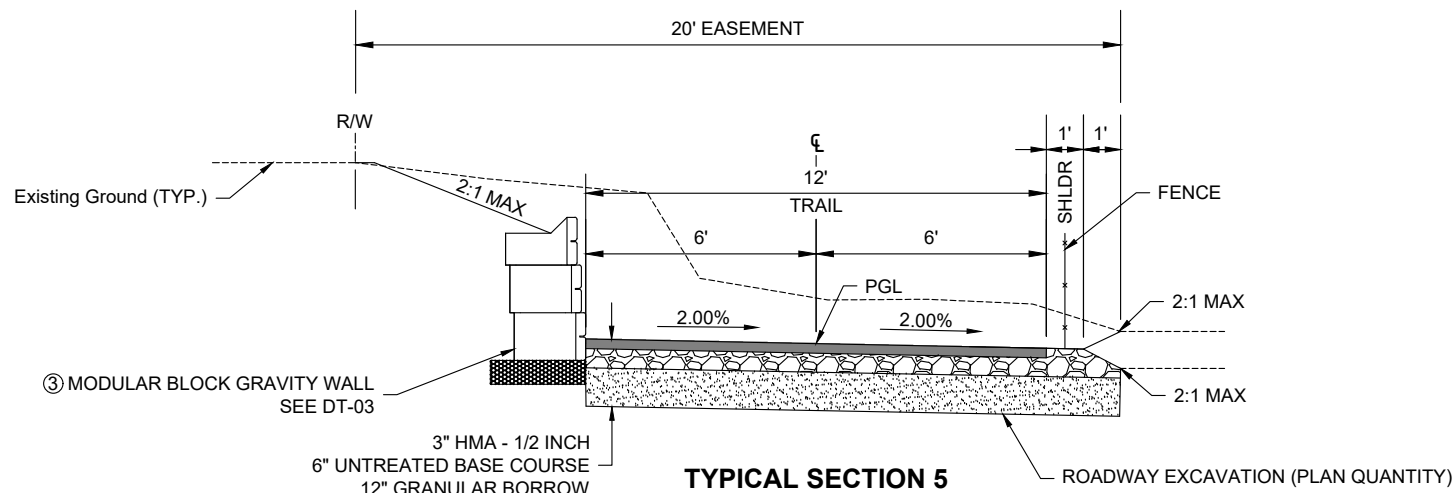
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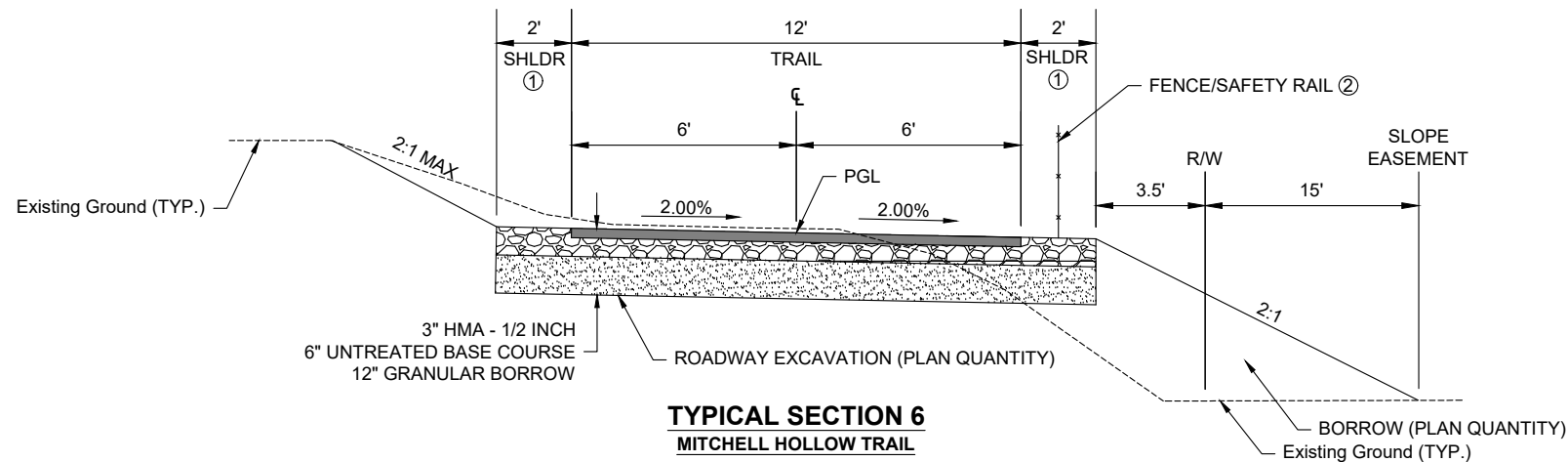
- NOTES:**
- ① SEE SHOULDER DETAIL WHEN CUT CONDITION APPLIES.
 - ② SEE PP SHEET SERIES FOR WHERE FENCE/SAFETY RAIL APPLIES.
 - ③ FOR WALL EXTENTS SEE WPP SHEET SERIES.

PUBLIC WORKS DEPARTMENT 5400 W. CIVIC CENTER DRIVE HIGHLAND CITY, UT 84003 Tel. 801-772-4515		HIGHLAND CITY		DATE 10/17/25	DRAWN BY CD	CHECKED BY RMP	NO.	REVISIONS	BY	DATE	
CONSISTOR NORTH AMERICA, INC. 38 E SCENIC POINTE DR., SUITE 300 DRAPER, UT 84020 Tel. 888-451-6822		consor		PROFESSIONAL ENGINEER		MITCHELL HOLLOW TRAIL		D241185UT.00		TYPICAL SECTION	
PROJECT		PROJECT NUMBER		SHEET		TS-01					

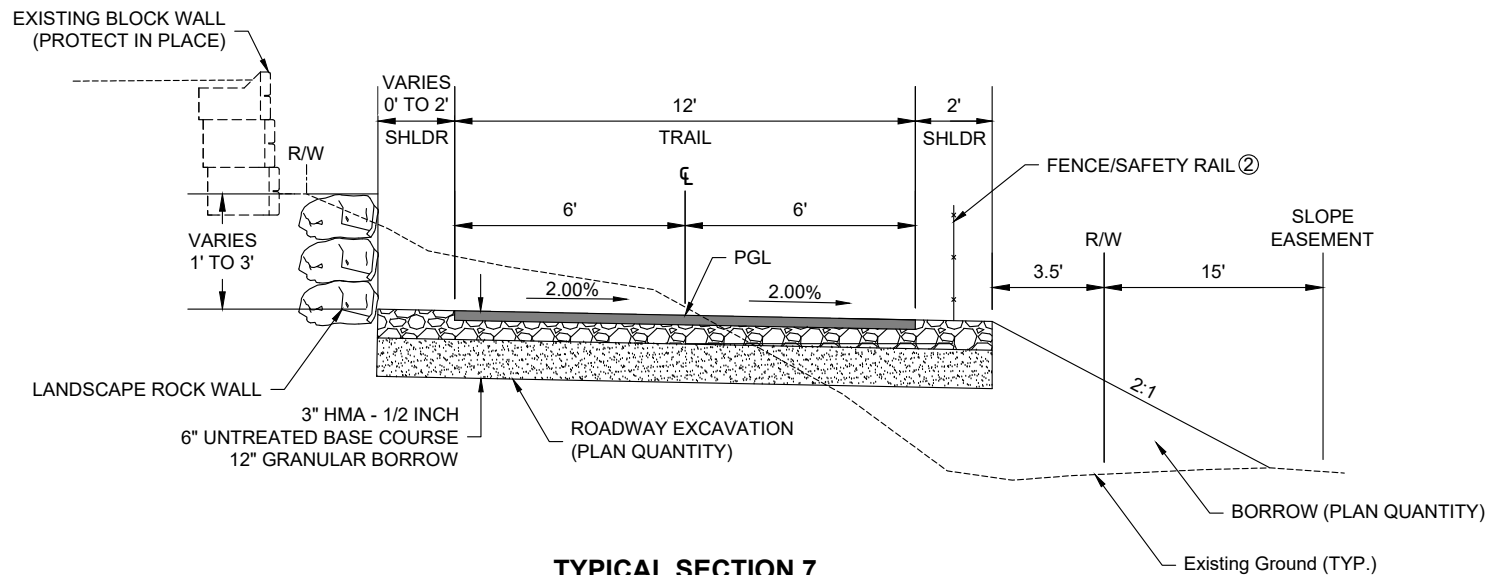
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TYPICAL SECTION 5
MITCHELL HOLLOW TRAIL
16+40.00 TO 20+90.00
DESIGN SPEED 15 MPH
CLEAR ZONE 2 FT



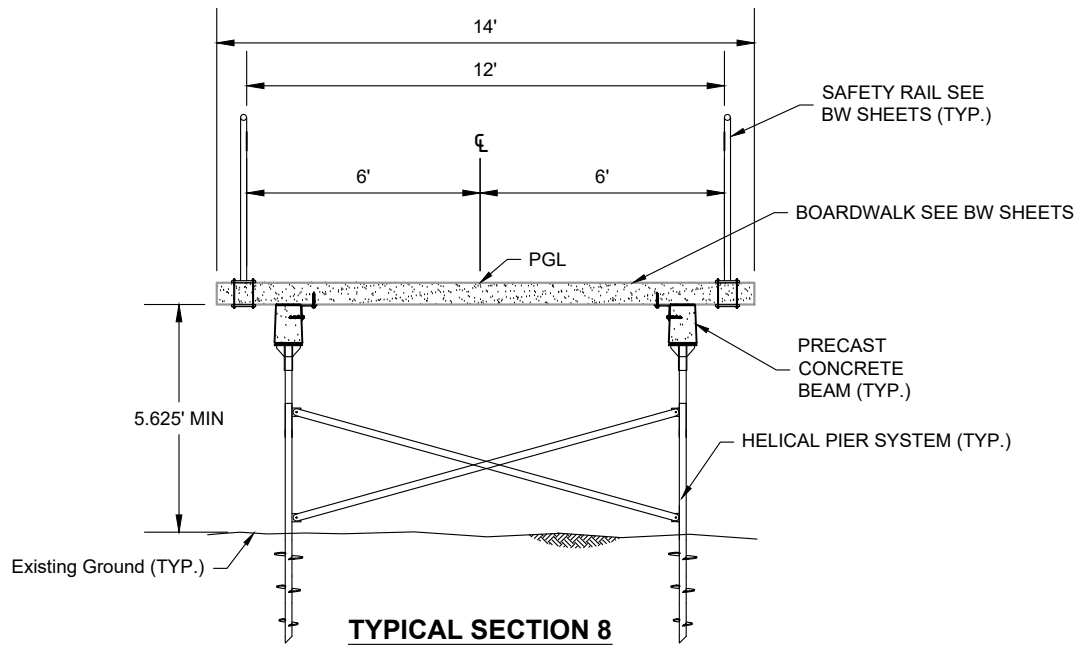
TYPICAL SECTION 6
MITCHELL HOLLOW TRAIL
27+00.00 TO 27+55.00
DESIGN SPEED 15 MPH
CLEAR ZONE 2 FT



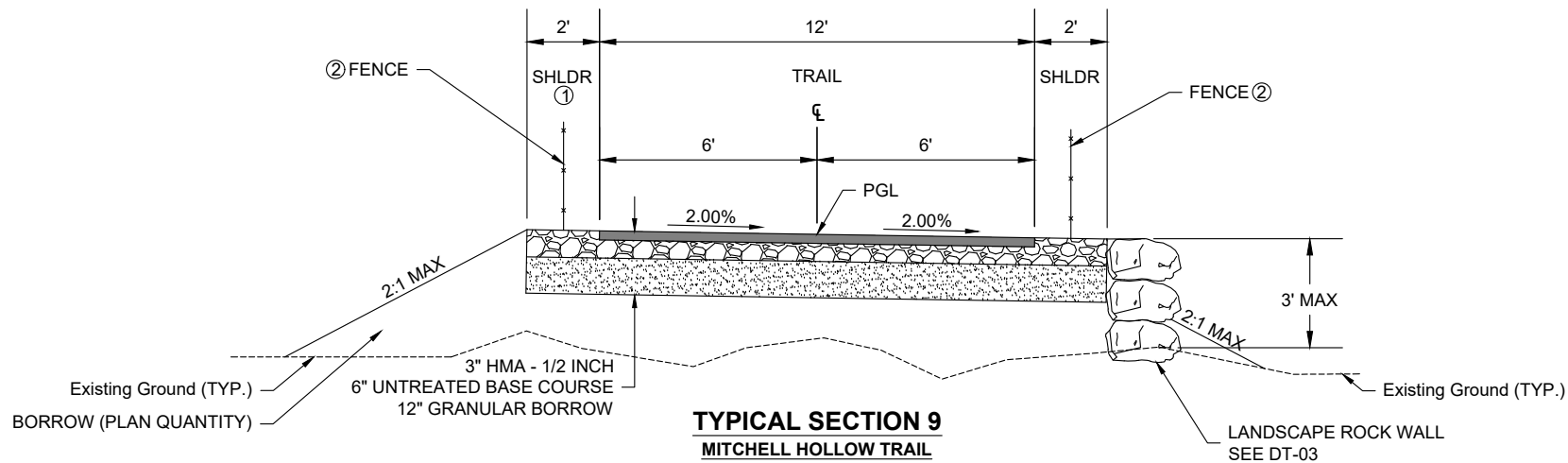
TYPICAL SECTION 7
MITCHELL HOLLOW TRAIL
27+55.00 TO 27+93.00
DESIGN SPEED 15 MPH
CLEAR ZONE 2 FT

- NOTES:**
- ① SEE TS-01 FOR SHOULDER DETAIL WHEN CUT CONDITION APPLIES.
 - ② SEE PP SHEET SERIES FOR WHERE FENCE/SAFETY RAIL APPLIES.
 - ③ FOR WALL EXTENTS SEE WPP SHEET SERIES.

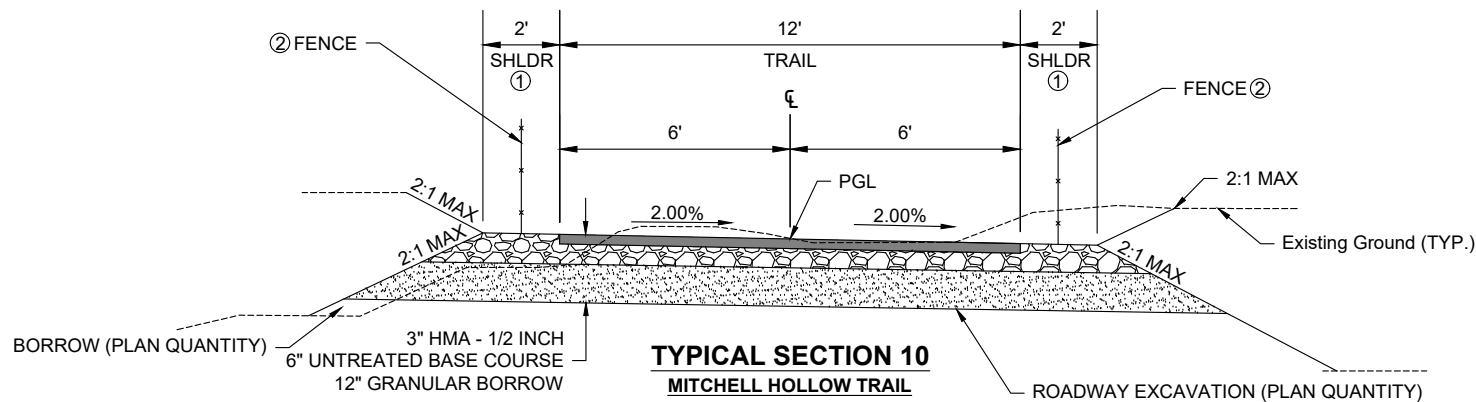
PUBLIC WORKS DEPARTMENT 5400 W. CIVIC CENTER DRIVE HIGHLAND CITY, UT 84003 Tel. 801-772-4515		CHECKED BY RMP	DATE 10/17/25	DRAWN BY CD	REVISIONS	BY	DATE
CONSISTOR NORTH AMERICA, INC. 38 E SCENIC POINTE DR., SUITE 300 DRAPER, UT 84020 Tel. 888-451-6822		PROFESSIONAL ENGINEER					
MITCHELL HOLLOW TRAIL		D241185UT.00		TYPICAL SECTION			
PROJECT	PROJECT NUMBER	SHEET					
TS-02							



27+93.00 TO 29+16.00
41+37.00 TO 42+70.00
DESIGN SPEED 15 MPH



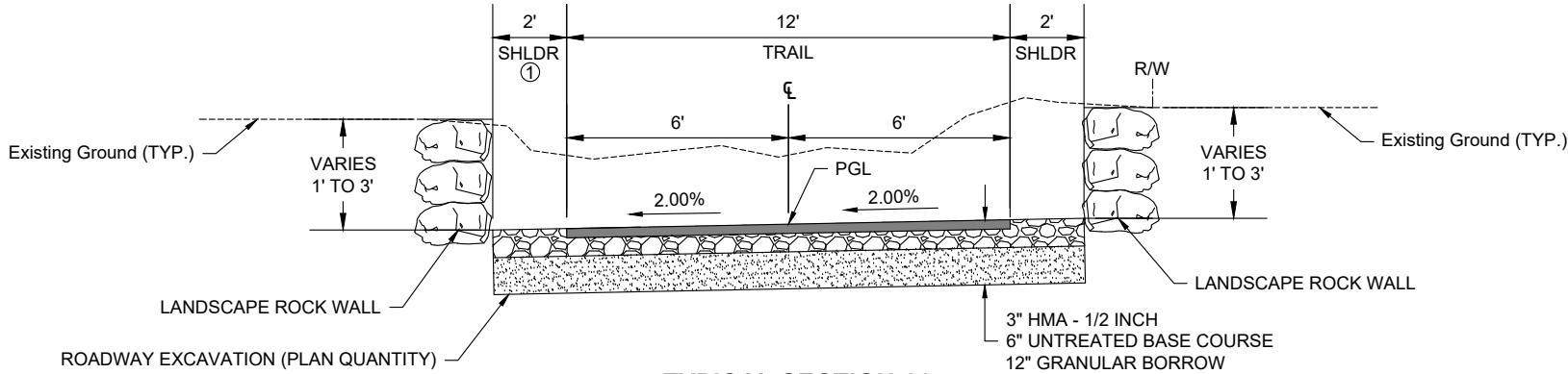
42+70.00 TO 44+47.37
DESIGN SPEED 15 MPH
CLEAR ZONE 2 FT



20+90.00 TO 27+55.00
29+16.00 TO 31+75.20
48+02.00 TO 49+12.63
DESIGN SPEED 15 MPH
CLEAR ZONE 2 FT

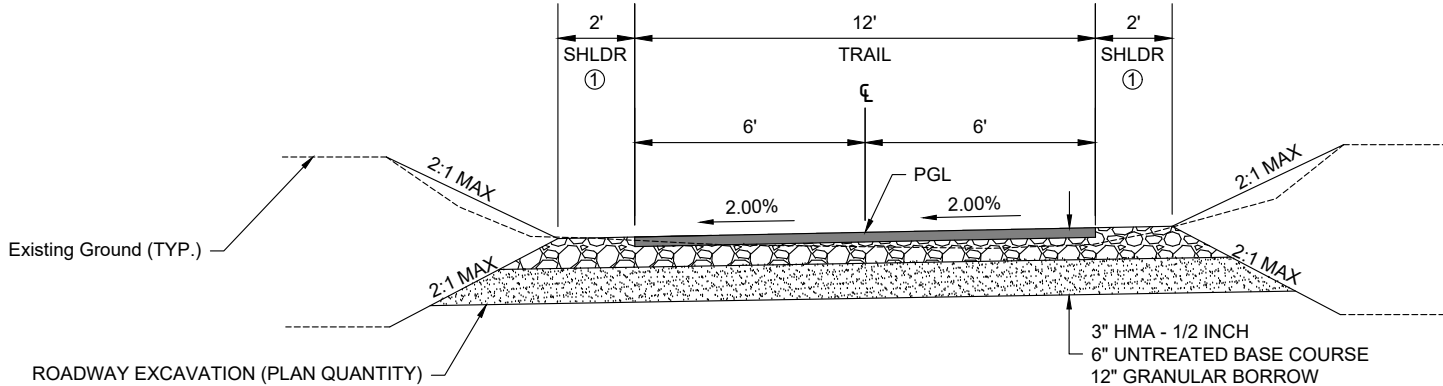
- ① SEE TS-01 FOR SHOULDER DETAIL
WHEN CUT CONDITION APPLIES.
- ② SEE PP SHEET SERIES FOR WHERE
FENCE/SAFETY RAIL APPLIES.

SHEET	TS-03					
PROJECT	MITCHELL HOLLOW TRAIL					
PROJECT NUMBER	D241185UT.00					
TYPICAL SECTION						
 CONSOR NORTH AMERICA, INC. 38 E SCENIC POINTE DR., SUITE 300 DRAPER, UT 84020 Tel. 888-461-1622			 PROFESSIONAL ENGINEER			
			 HIGHLAND CITY		PUBLIC WORKS DEPARTMENT 5400 W. CIVIC CENTER DRIVE HIGHLAND CITY, UT 84003 Tel. 801-772-4515	
			DATE	10/17/25	DRAWN BY	CD
			CHECKED BY	RMP		
			NO.		REVISIONS	
					BY	DATE



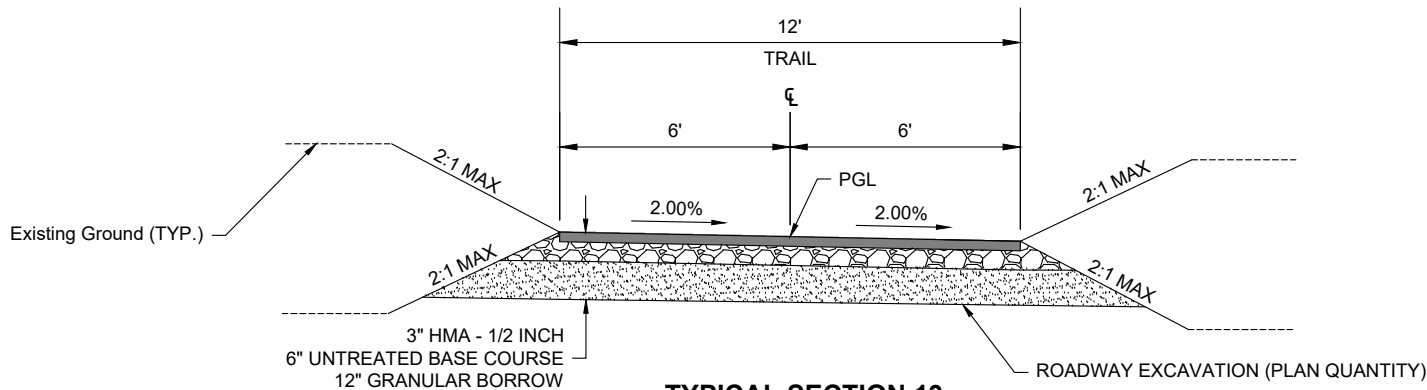
MITCHELL HOLLOW TRAIL

32+51.97 TO 32+90.00
DESIGN SPEED 15 MPH
CLEAR ZONE 2 FT



MITCHELL HOLLOW TRAIL

32+90.00 TO 41+37.00
DESIGN SPEED 15 MPH
CLEAR ZONE 2 FT



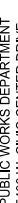


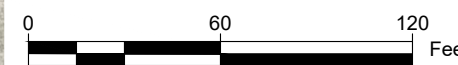
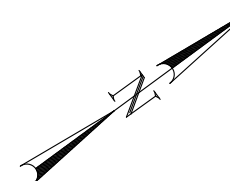
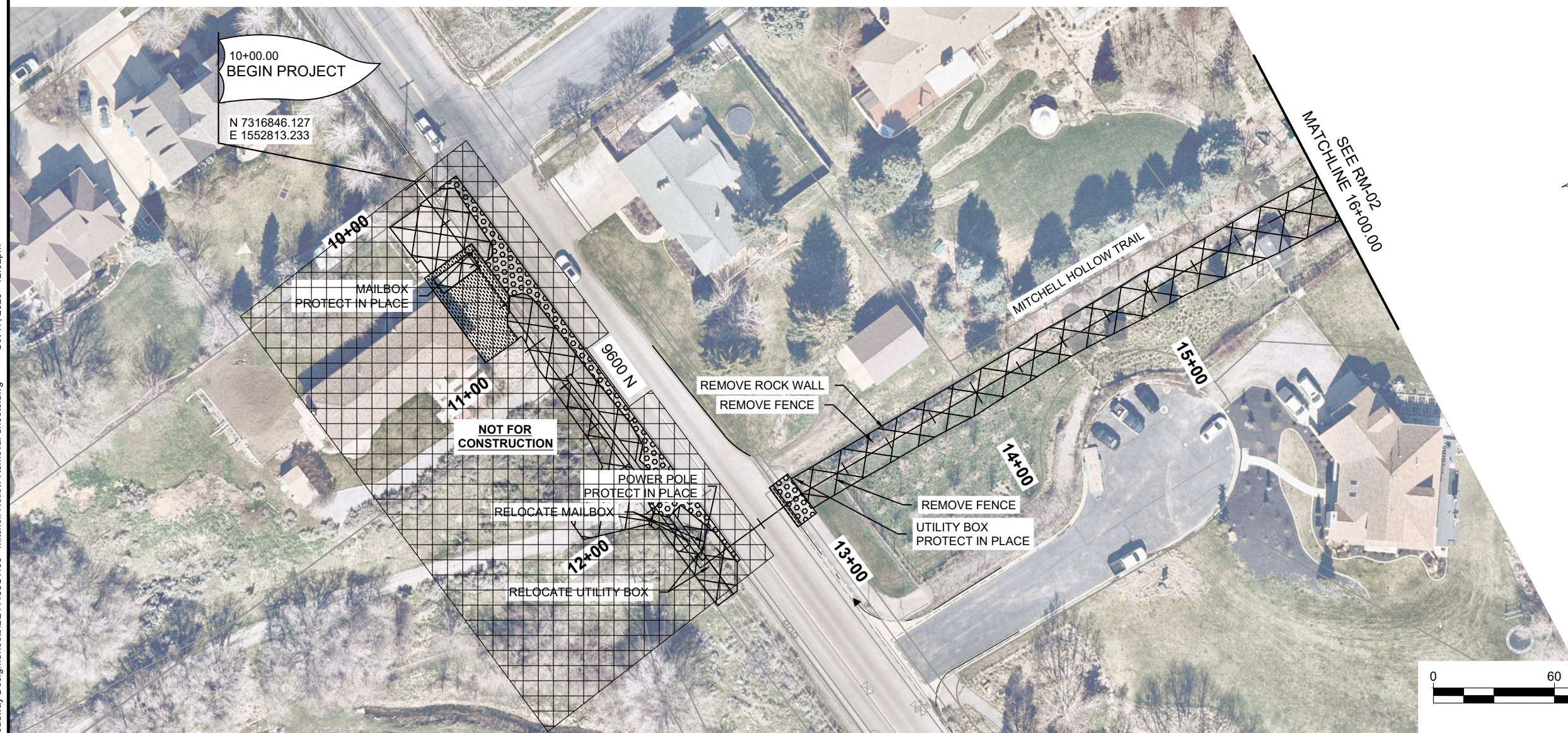
MITCHELL HOLLOW TRAIL

44+47.37 TO 48+02.00
DESIGN SPEED 15 MP
CLEAR ZONE 2 FT




NOTES:

- ① SEE TS-01 FOR SHOULDER DETAIL
WHEN CUT CONDITION APPLIES.

PROJECT	MITCHELL HOLLOW TRAIL		 CONSOR NORTH 38 E SCENIC POINTE DR., SUITE 300 DRAPER, UT 84020 Tel. 888-451-6822	 HIGHLAND CITY	 PUBLIC WORKS DEPARTMENT 5400 W. CNIC CENTER DRIVE SALT LAKE CITY, UT 84003 Tel. 801-772-4515	NO. _____ REVISIONS _____ BY _____ DATE _____
	PROJECT NUMBER	D241185UT.00				
TYPICAL SECTION						
TS-04						



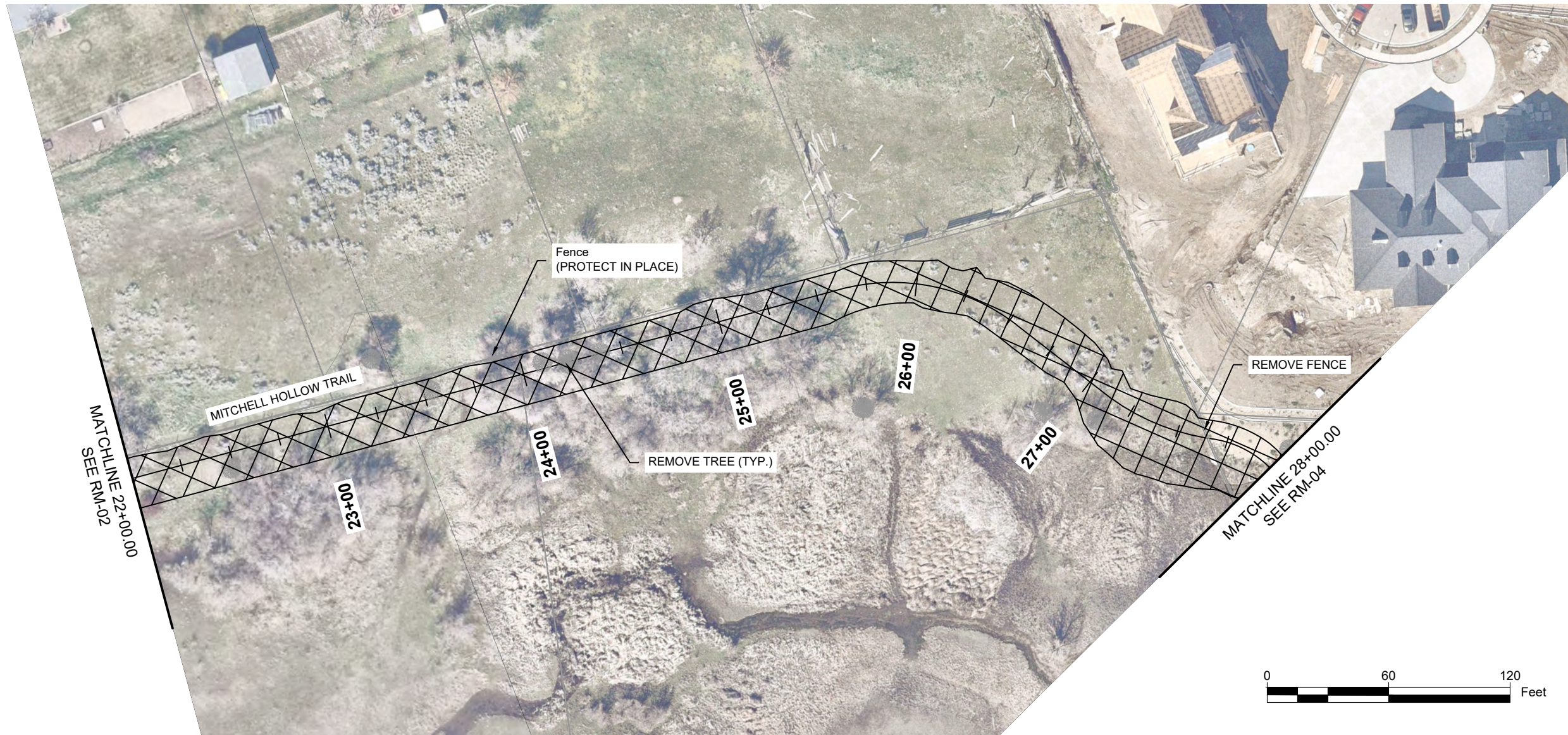
LEGEND

- | | |
|---|-----------------------|
|  | CLEARING AND GRUBBING |
|  | REMOVE ASPHALT |
|  | REMOVE CONCRETE |

NOTES:

1. LUMEN NOTES:
 - 1.1 LUMEN EMERGENCY CONTACT: SIGIFREDO MARTINEZ (SIGIFREDO.MARTINEZ@LUMEN.COM)
 - 1.2 LUMEN CUT CABLE REPAIR HOT LINE (800)-788-3600. PRESS #2 PROMPT THEN #9 TO GET AN OPERATOR 24/7.

SHEET	PROJECT	MITCHELL HOLLOW TRAIL	 CONSOR NORTH AMERICA, INC. 38 E SCENIC POINTE DR., SUITE 300 DRAPER, UT 84020 Tel. 888-451-6822	 _____ PROFESSIONAL ENGINEER	 PUBLIC WORKS DEPARTMENT 5400 W. CIVIC CENTER DRIVE HIGHLAND CITY, UT 84003 Tel. 801-772-4515	NO. _____ REVISIONS _____ BY _____ DATE _____
	PROJECT NUMBER	D241185UT.00				
		REMOVAL				



LEGEND



CLEARING AND GRUBBING



REMOVE ASPHALT






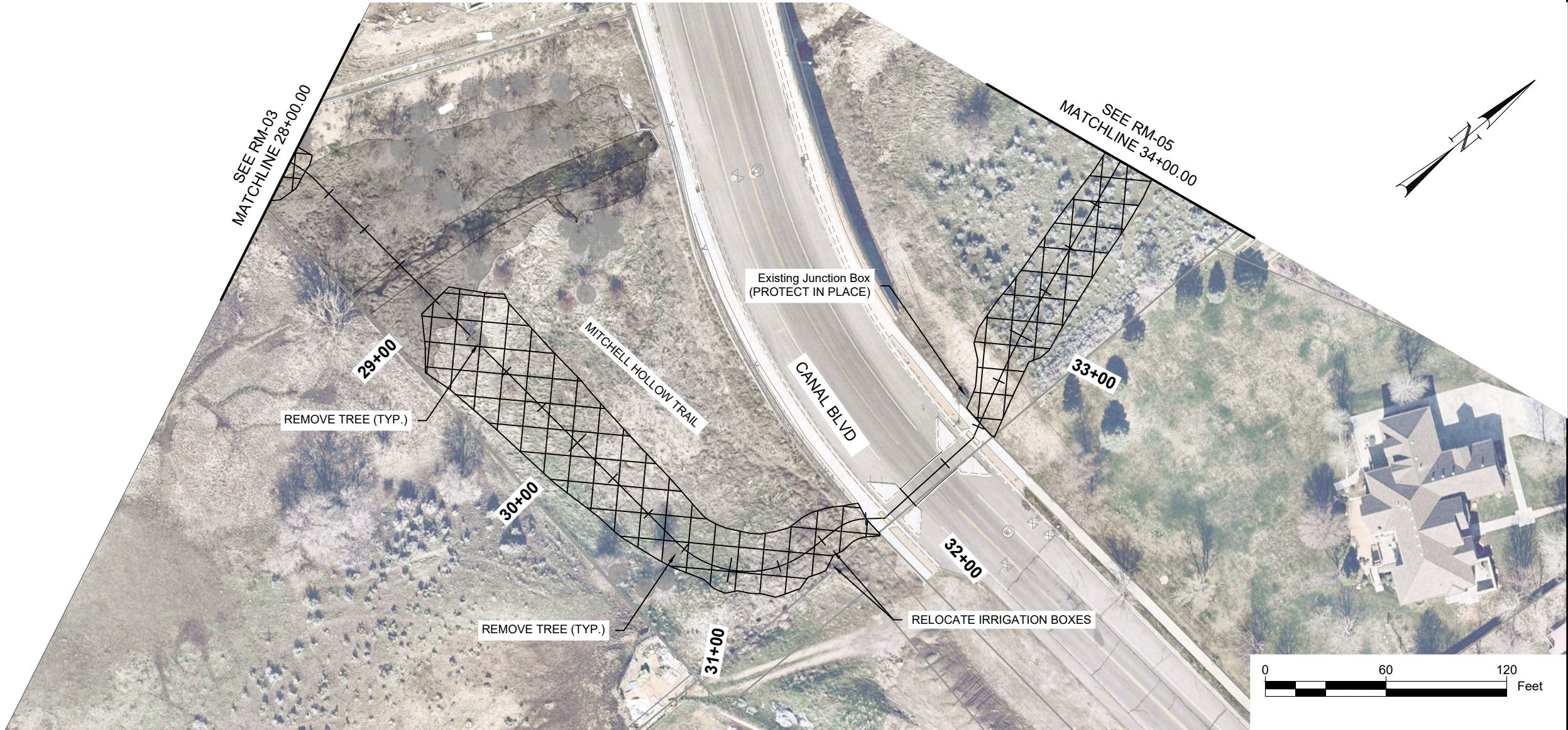
REMOVE CONCRETE

PROJECT		MITCHELL HOLLOW TRAIL		<div><div>consor</div></div> <div>CONSOR NORTH AMERICA, INC. 38 E SCENIC POINTE DR., SUITE 300 DRAPEER UT 84020 Tel. 888-451-6822</div> <div><div>PROFESSIONAL ENGINEER</div></div>	<div><div>HIGHLAND CITY</div></div> <div>PUBLIC WORKS DEPARTMENT 5400 W. CIVIC CENTER DRIVE HIGHLAND CITY, UT 84003 Tel. 801-772-4515</div>			DATE 10/17/25		DRAWN BY JBA		CHECKED BY DWH		NO.	REVISIONS	BY	DATE
PROJECT NUMBER		D241185UT.00															
		REMOVAL															
SHEET				RM-03													


A:_V-TPD\Projects\UT\Highland City\2024\ID241185\UT_00\Roadway Design\Sheets\ID241185\UT_00 - Mitchell Hollow Removal Sheets.dwg Oct 17, 2025 - 12:02pm

LEGEND

-  CLEARING AND GRUBBING
-  REMOVE ASPHALT
-  REMOVE CONCRETE




PROJECT	MITCHELL HOLLOW TRAIL	
	REMOVAL	
PROJECT NUMBER	D241185UT.00	
SHEET	RM-04	



CONSOR NORTH AMERICA, INC.
3000 W. CENTER DRIVE
SUITE 300
DRAPER, UT 84020
Tel. 888-451-8822



PROFESSIONAL ENGINEER



HIGHLAND CITY




DATE 10/17/25

DRAWN BY JBA

CHECKED BY DWH

PUBLIC WORKS DEPARTMENT 500 W. CIVIC CENTER DRIVE HIGHLAND CITY, UT 84003 Tel. 801-772-4515		NO.	REVISIONS	BY	DATE

LEGEND

-  CLEARING AND GRUBBING
-  REMOVE ASPHALT
-  REMOVE CONCRETE



PROJECT	MITCHELL HOLLOW TRAIL	
	D241185UT.00	
PROJECT NUMBER	REMOVAL	

SHEET

RM-05




consor

CONSOR NORTH AMERICA, LLC
300 WEST 1000 NORTH
DUE SUEITE 300
DRAAPER, UT 84020
Tel. 888-451-8822



PROFESSIONAL ENGINEER



HIGHLAND CITY

PUBLIC WORKS DEPARTMENT
5400 W. CIVIC CENTER DRIVE
HIGHLAND CITY, UT 84003
Tel. 801-772-4515




DATE 10/17/25

DRAWN BY JBA

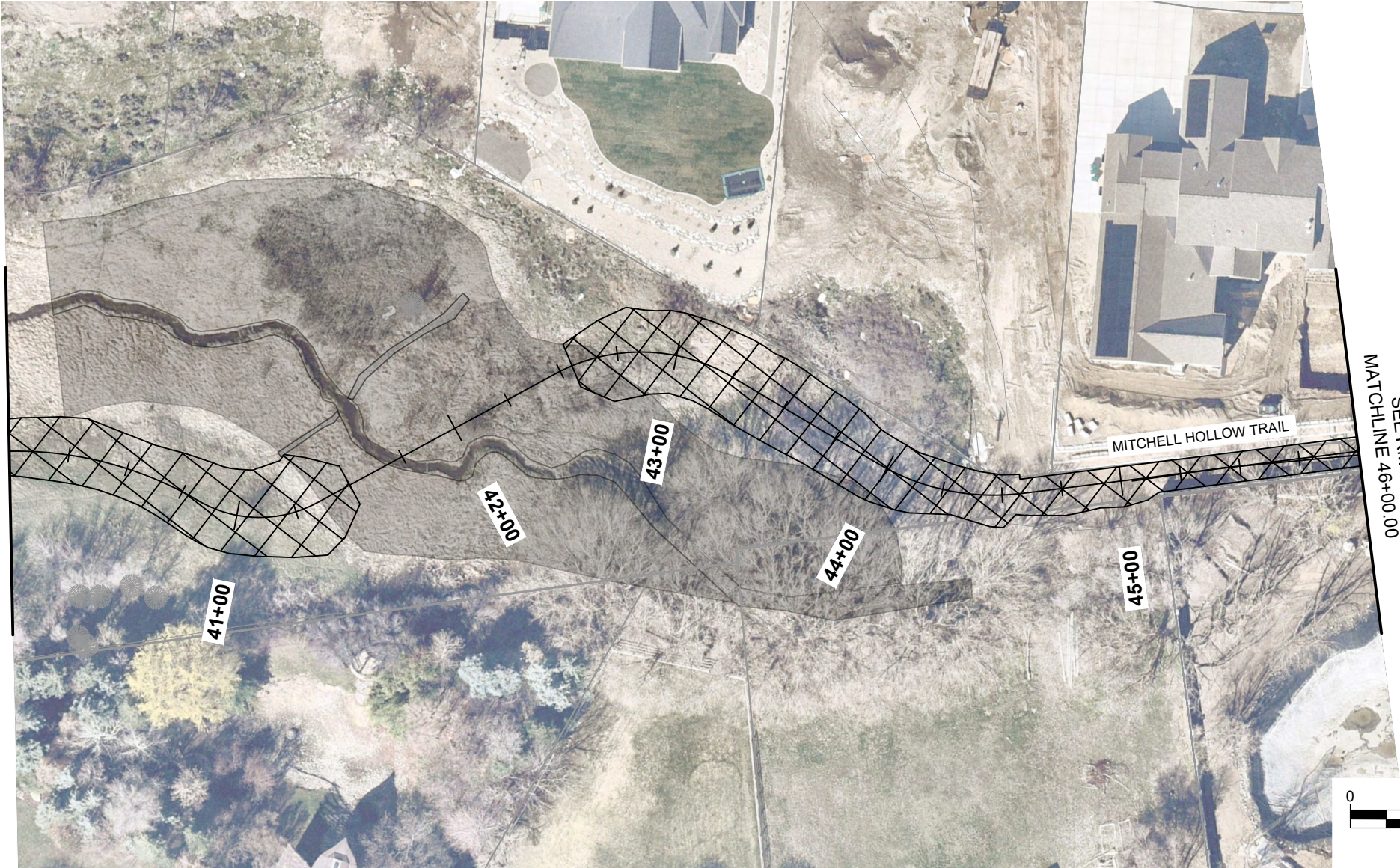
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NO.		REVISIONS		BY	DATE

LEGEND

-  CLEARING AND GRUBBING
-  REMOVE ASPHALT
-  REMOVE CONCRETE

SEE RM-05
MATCHLINE 40+00.00



SEE RM-07
MATCHLINE 46+00.00

PROJECT

MITCHELL HOLLOW TRAIL

PROJECT NUMBER

D241185UT.00

REMOVAL



CONSOR NORTH AMERICA, LLC
300 WEST 1000 NORTH
SUITE 300
DRAPER, UT 84020
Tel. 888-451-8822



PROFESSIONAL ENGINEER



HIGHLAND CITY

PUBLIC WORKS DEPARTMENT
5400 W. CIVIC CENTER DRIVE
HIGHLAND CITY, UT 84003
Tel. 801-772-4515




DATE 10/17/25

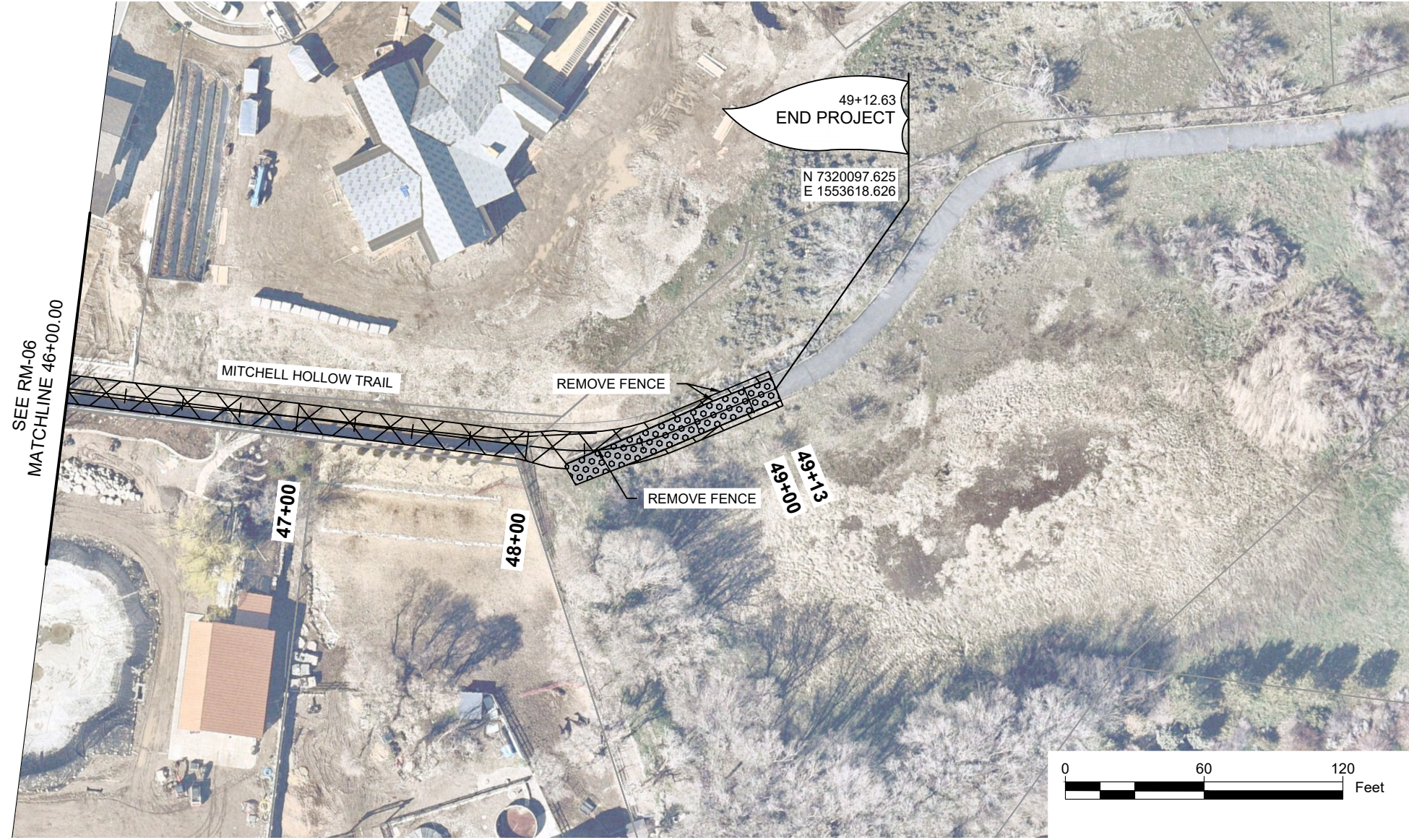
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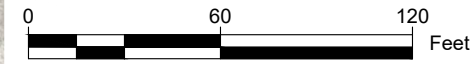
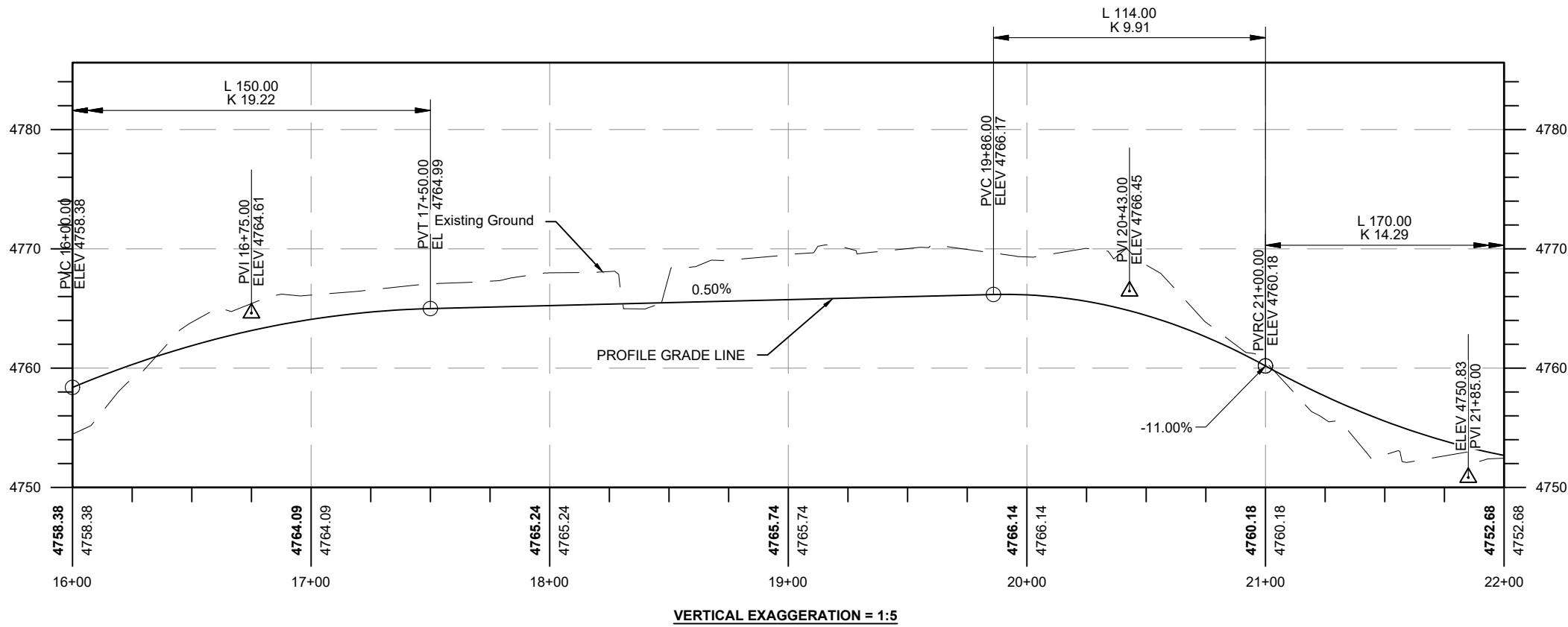
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NO.	REVISIONS	BY	DATE

LEGEND

	CLEARING AND GRUBBING
	REMOVE ASPHALT
	REMOVE CONCRETE

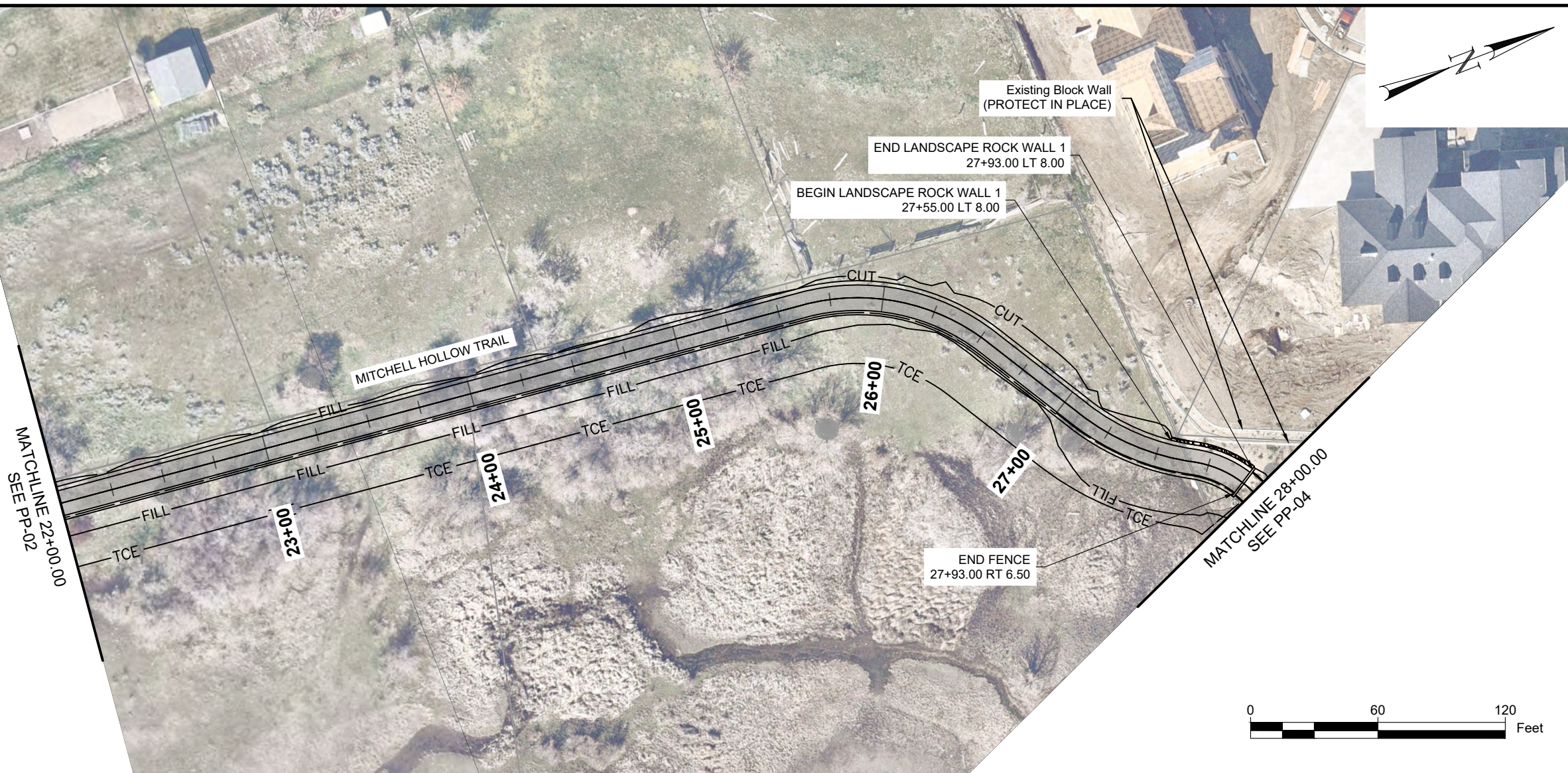
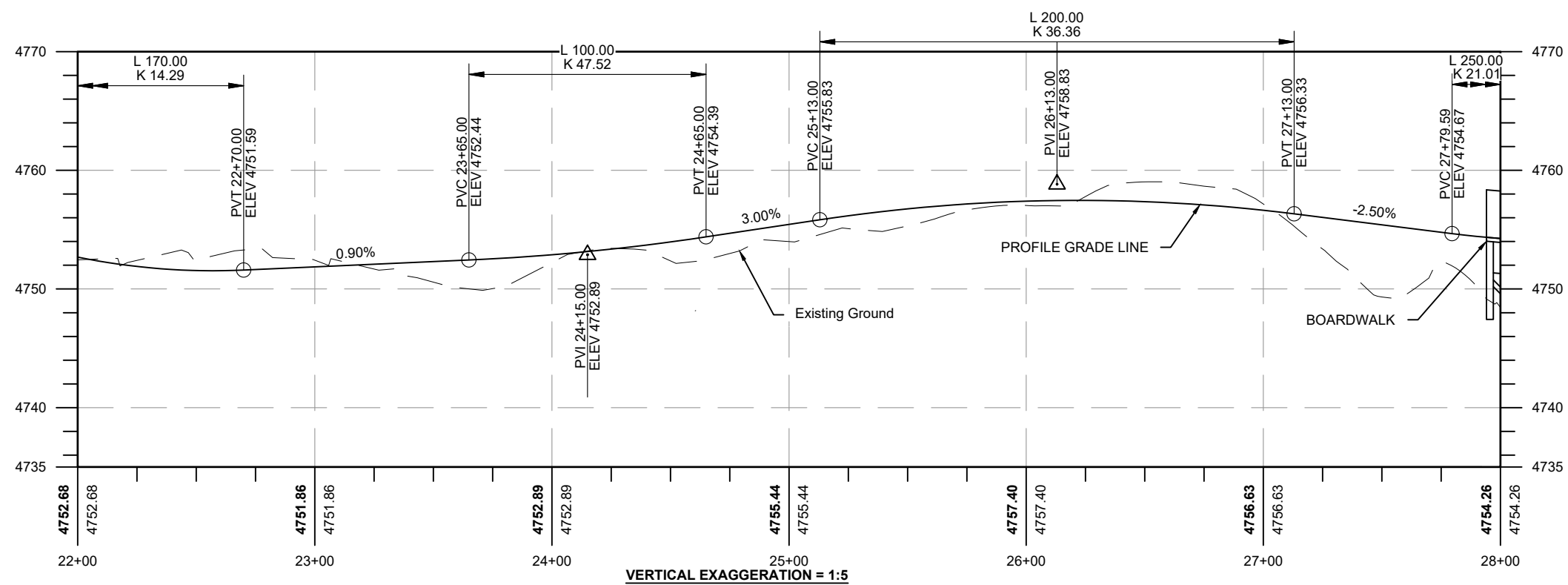




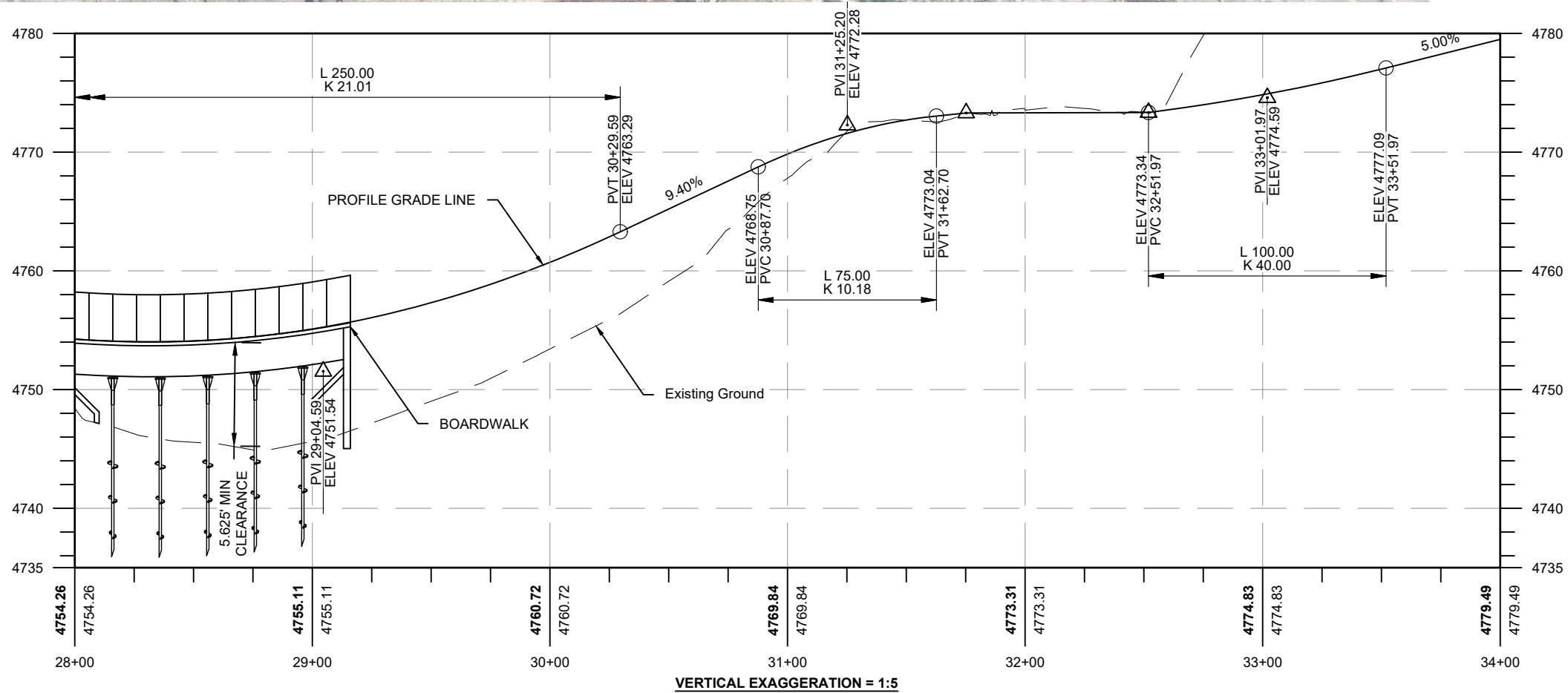
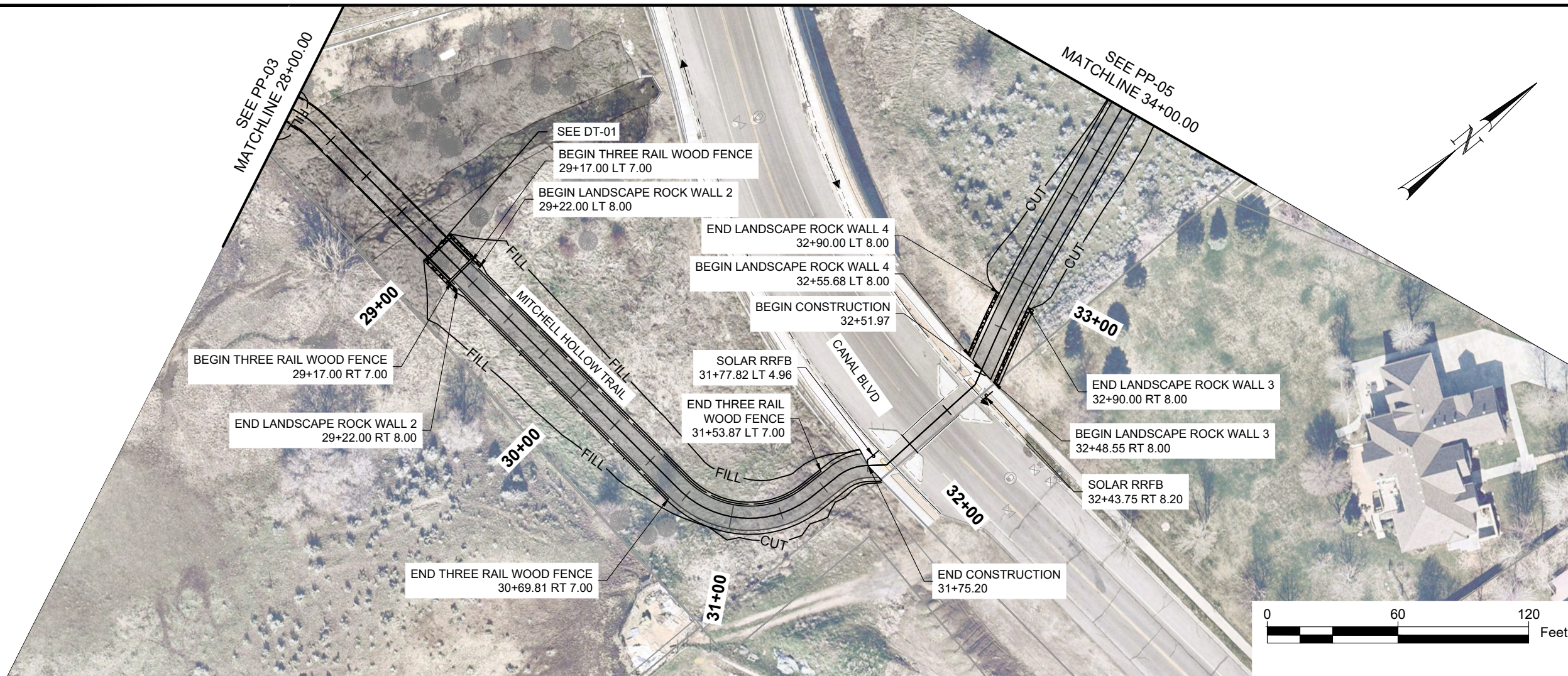
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PROJECT NUMBER		D241185UT.00		DATE 10/17/25	
SHEET		PP-02		DRAWN BY BJB	
				CHECKED BY RMP	
				REVISIONS	
				NO.	
				BY	
				DATE	

CONSOR NORTH AMERICA, INC.
3000 W. 1000 N. SUITE 300
DRAPER, UT 84020
Tel. 888-451-8822

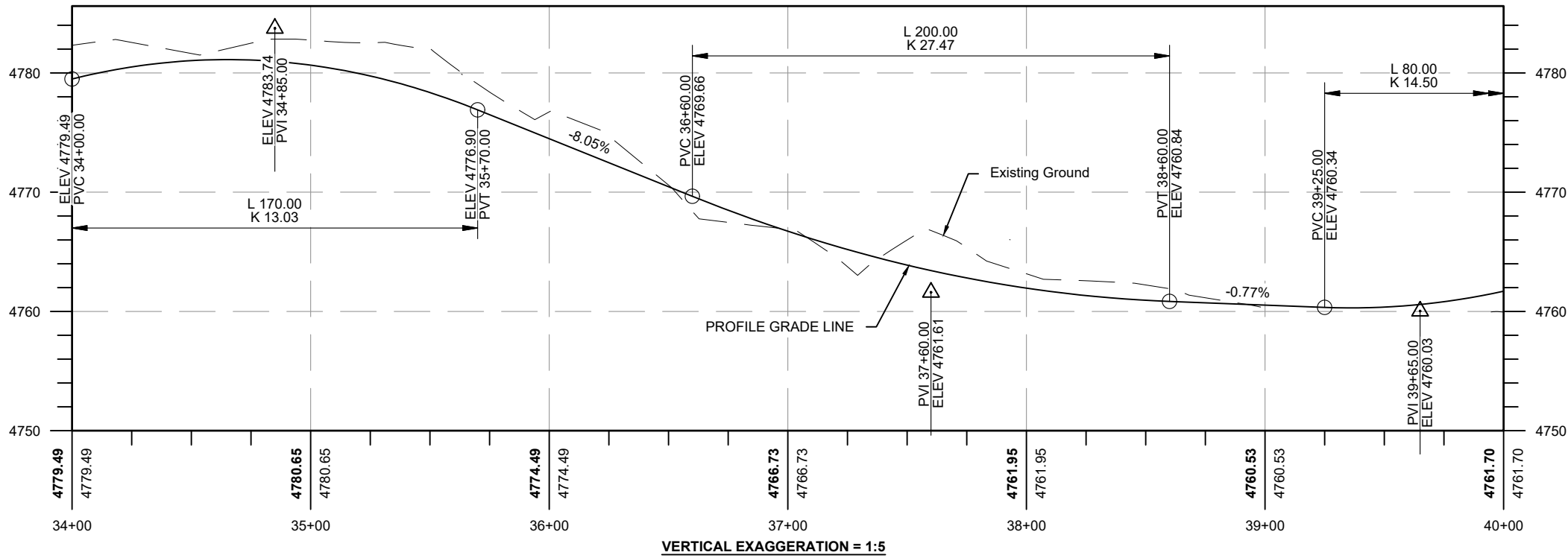
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PROFESSIONAL ENGINEER



A:_V-TPD\Projects\UT\Highland City\2024\185UT.00\Roadway Design\Sheets\185UT.00 - Mitchell Hollow P&P.dwg Oct 17, 2025 - 12:03pm



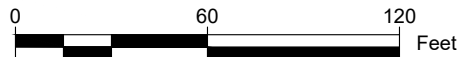
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PROJECT NUMBER		D241185UT.00	
SHEET		PP-04	
DATE		10/17/25	CHECKED BY
DRAWN BY		BJG	RMP
NO.		REVISIONS	
BY		DATE	
PUBLIC WORKS DEPARTMENT 5400 W. CIVIC CENTER DRIVE HIGHLAND CITY, UT 84003 Tel. 801-772-4515			
 HIGHLAND CITY			
CONSOR NORTH AMERICA, LLC 3000 S. STATE STREET, SUITE 300 DRAPER, UT 84020 Tel. 888-451-8822			
 consor			
PROFESSIONAL ENGINEER			



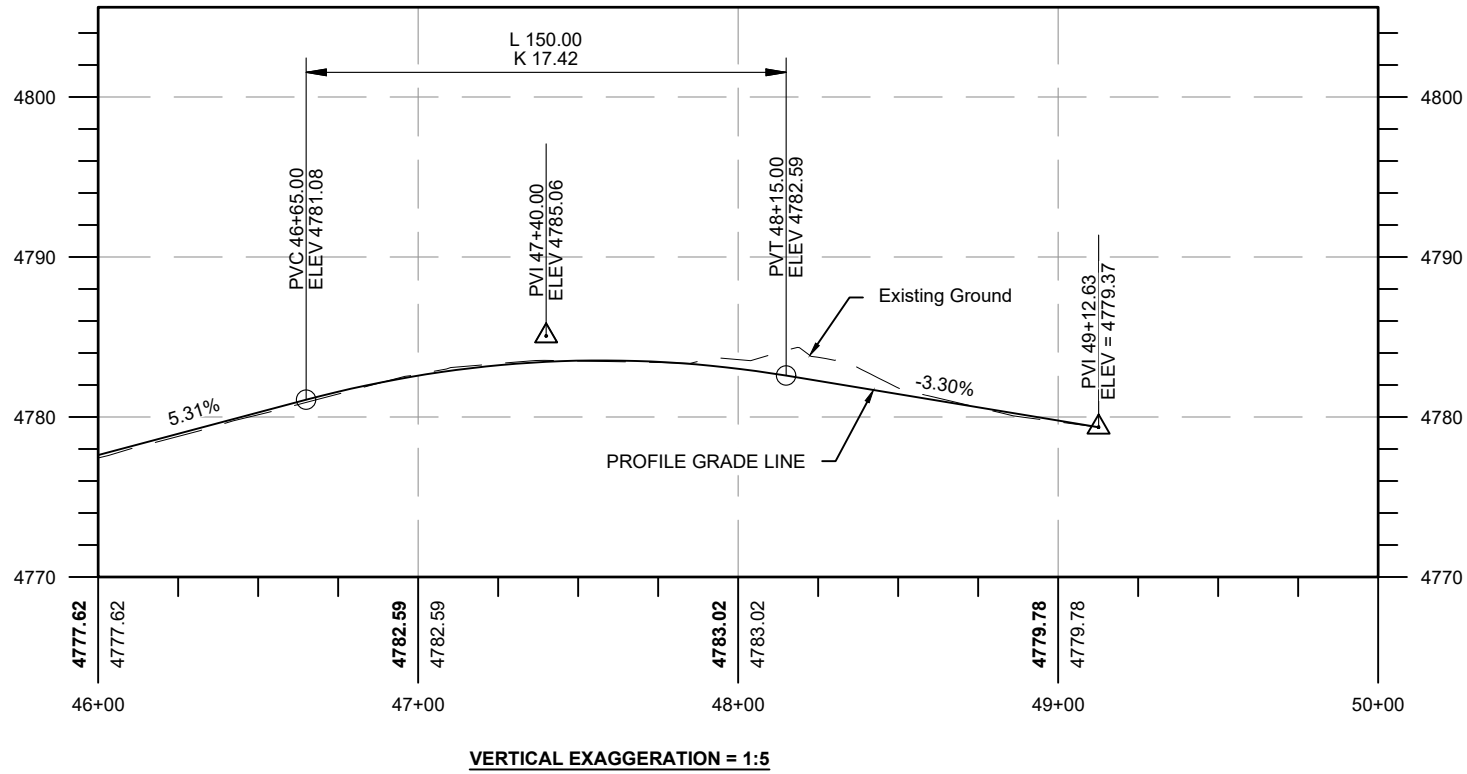
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PROJECT NUMBER		D241185UT.00		DATE 10/17/25	
SHEET		PP-05		DRAWN BY BJB	
		PLAN & PROFILE		CHECKED BY RMP	
				NO.	
				REVISIONS	
				BY	
				DATE	

CONSOR NORTH AMERICA, INC.
3950 W. 9000 S. SUITE 300
DRAPER, UT 84020
Tel. 888-451-8822

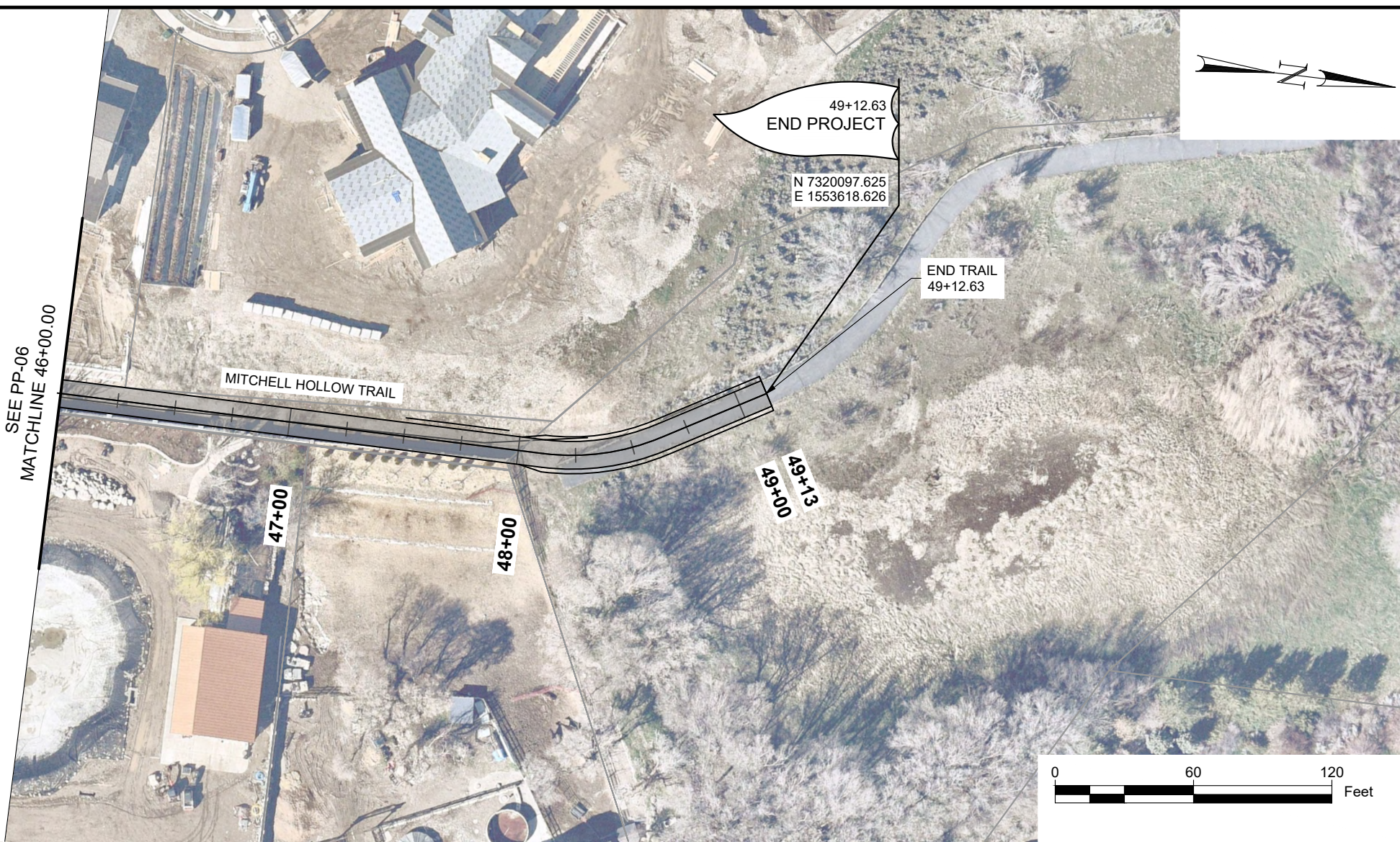
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PROFESSIONAL ENGINEER



SHEET		PP-06		PROJECT		MITCHELL HOLLOW TRAIL		<div><div>consor</div></div> <div>CONSOR NORTH AMERICA, INC. 38 E SCENIC POINTE DR., SUITE 300 DRAPER, UT 84020 Tel. 888-451-6822</div> <div><div>PROFESSIONAL ENGINEER</div></div>		<div><div>HIGHLAND CITY</div></div> <div>PUBLIC WORKS DEPARTMENT 5400 W. CIVIC CENTER DRIVE HIGHLAND CITY, UT 84003 Tel. 801-772-4515</div>		NO.		REVISIONS		BY		DATE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
				PROJECT NUMBER		D241185UT.00				DATE		10/17/25		DRAWN BY		BJG		CHECKED BY		RMP																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					



SEE PP-06
MATCHLINE 46+00.00

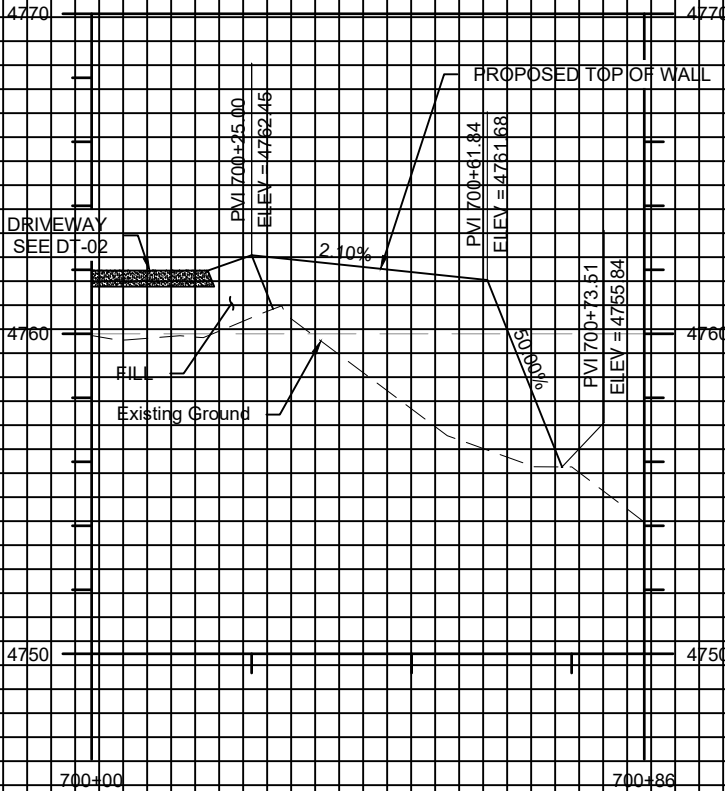
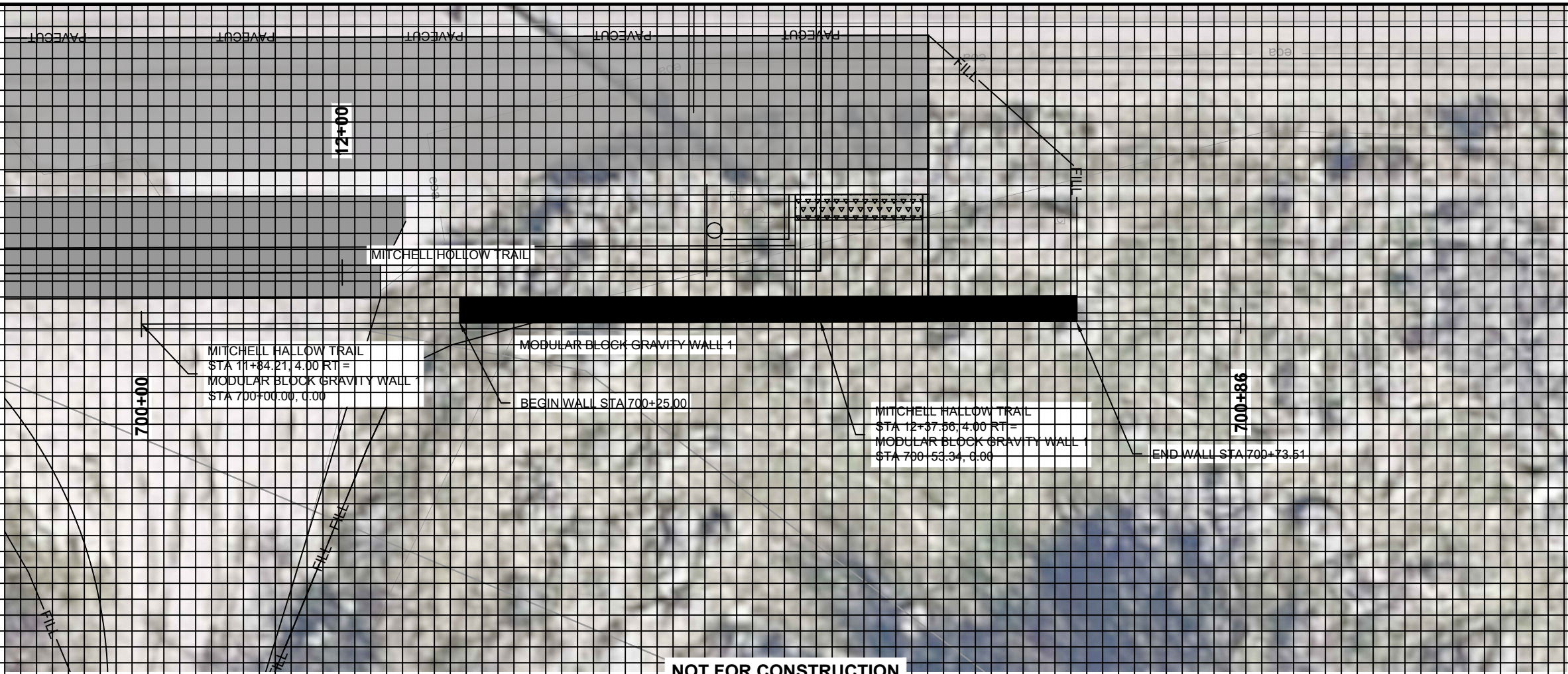


PROJECT		MITCHELL HOLLOW TRAIL		PUBLIC WORKS DEPARTMENT 500 W. CIVIC CENTER DRIVE HIGHLAND CITY, UT 84003 Tel. 801-772-4515		NO.		REVISIONS		BY DATE	
PROJECT NUMBER		D241185UT.00		HIGHLAND CITY		DATE		DRAWN BY		CHECKED BY	
SHEET		PP-07		10/17/25		BJG		RMP			

CONSOR NORTH AMERICA, INC.
3000 W. 9000 N., SUITE 300
DRAPER, UT 84020
Tel. 888-451-8822

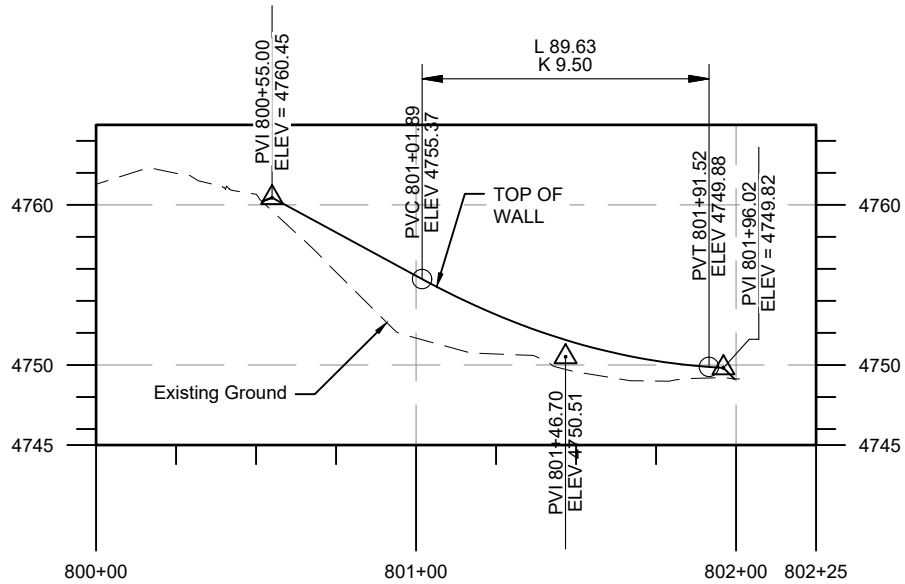
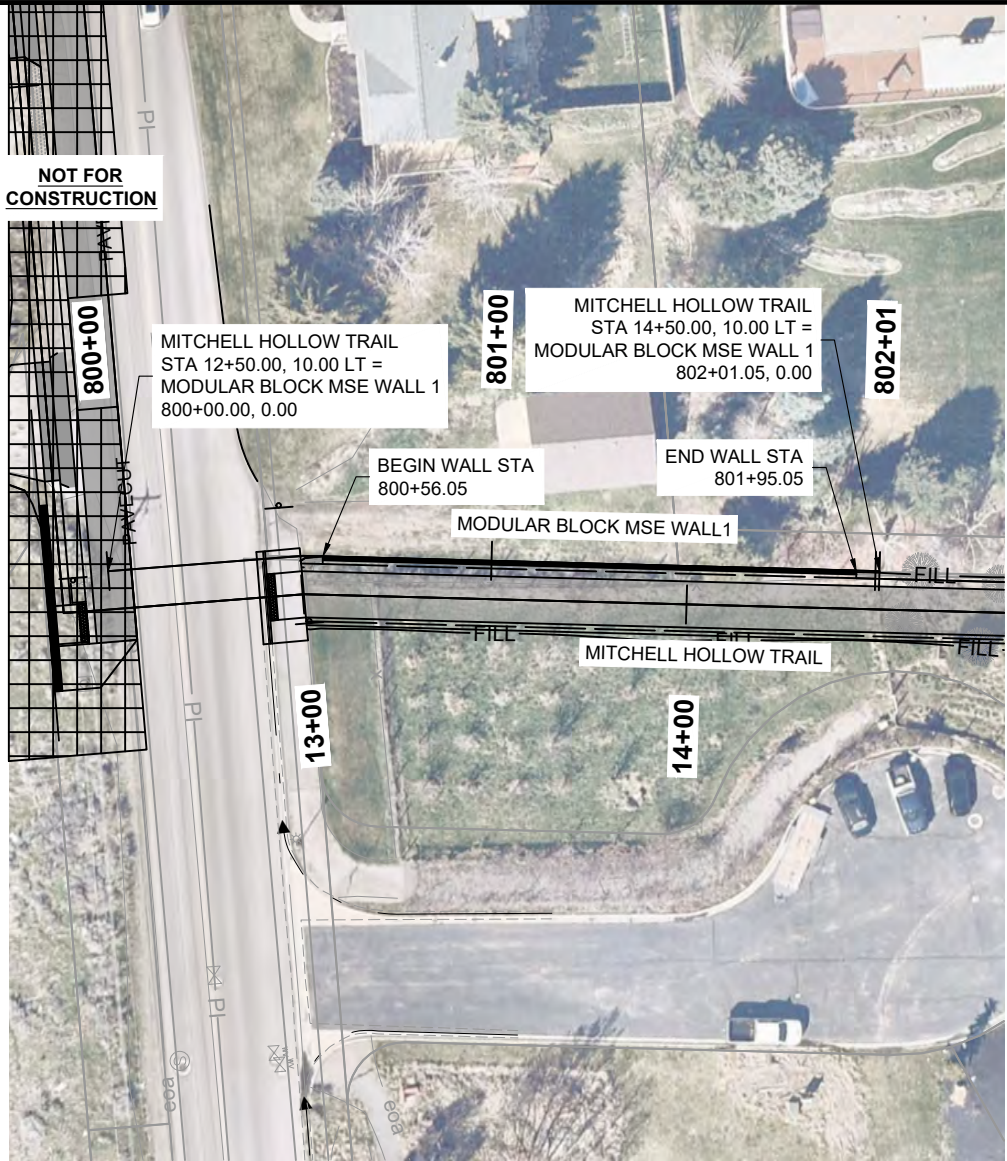
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PROFESSIONAL ENGINEER

A:_V-TPD\Projects\UT\Highland City\2024\241185\UT_00\Roadway Design\Sheets\241185UT_00 - Mitchell Hollow WALL - P&P - 02.dwg Oct 17, 2025 - 12:04pm



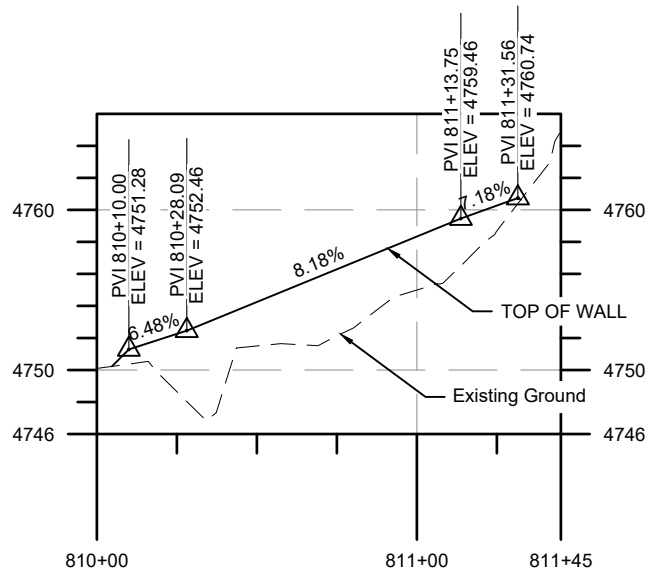
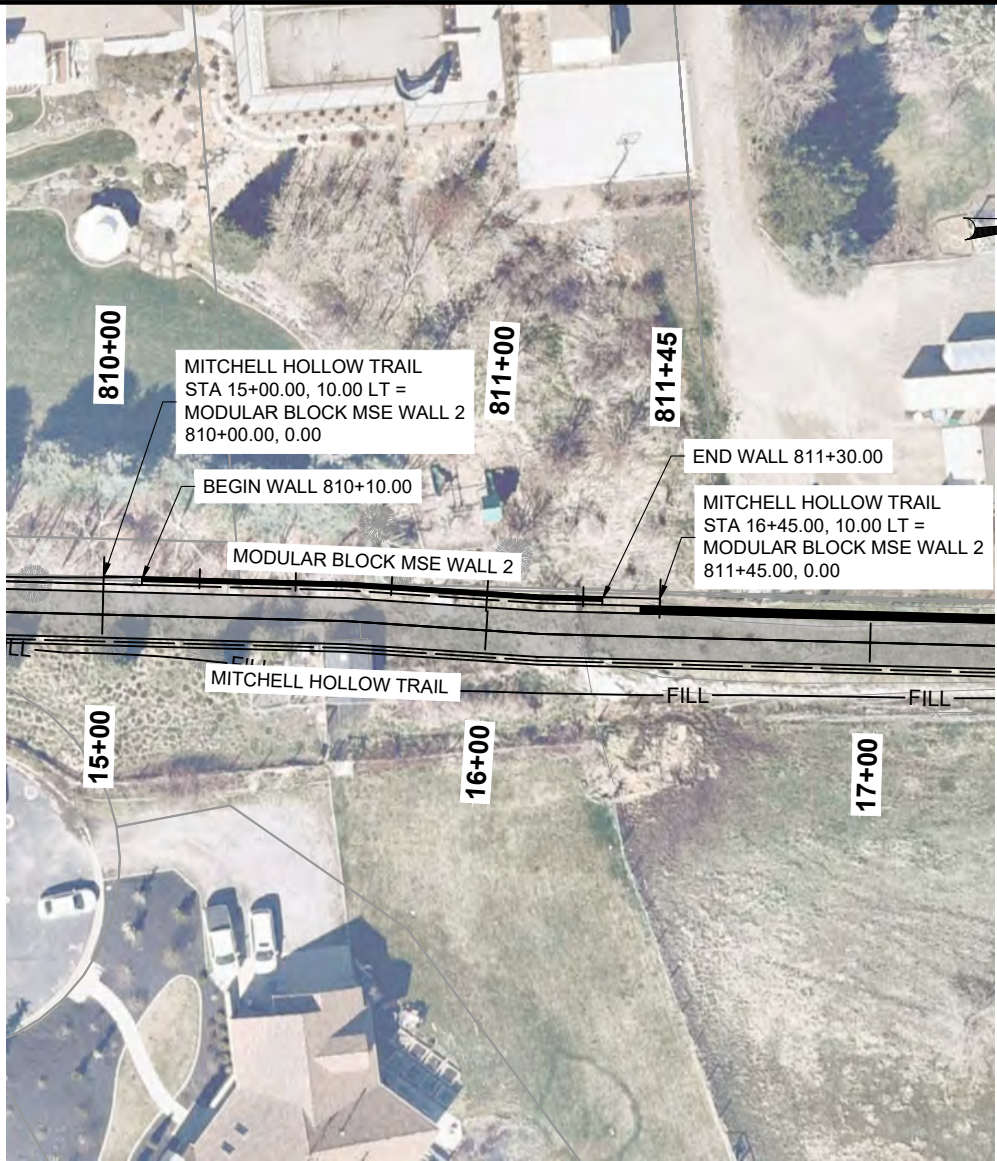
VERTICAL EXAGGERATION = 1:5

PROJECT		MITCHELL HOLLOW TRAIL		DATE		01/29/2024		DRAWN BY		CD		CHECKED BY		RMP		NO.		REVISIONS		BY		DATE	
PROJECT NUMBER		D241185UT.00		SHEET		WPP-01		CONSISTOR NORTH AMERICA, INC. 38 E SCENIC POINTE DR., SUITE 300 DRAPER, UT 84020 Tel. 888-451-5822		CONSISTOR NORTH AMERICA, INC. 38 E SCENIC POINTE DR., SUITE 300 DRAPER, UT 84020 Tel. 888-451-5822		PUBLIC WORKS DEPARTMENT 500 W. CIVIC CENTER DRIVE HIGHLAND CITY, UT 84003 Tel. 801-772-4515		HIGHLAND CITY									

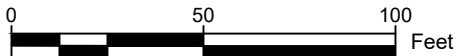


NOTE:
BACK OF WALL PROFILE SHOWN. WALL WILL RETAIN SOIL
UNDER TRAIL. SEE TYPICAL SECTION 3.

VERTICAL EXAGGERATION = 1:5

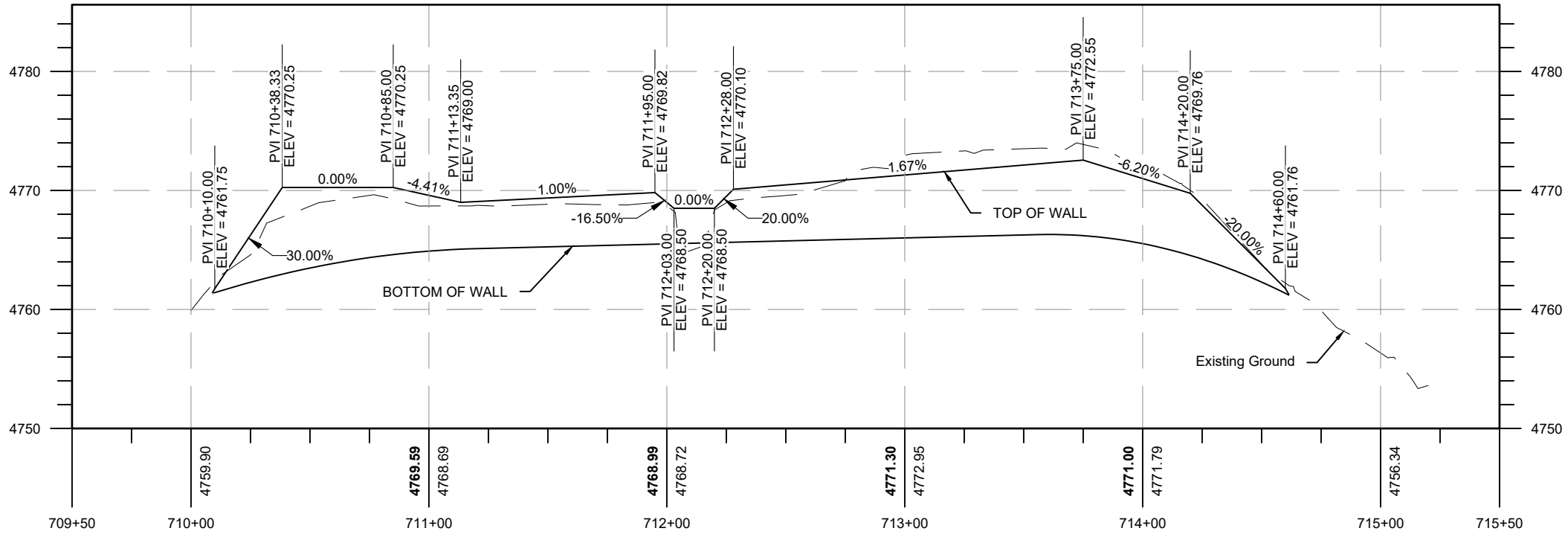


NOTE:
BACK OF WALL PROFILE SHOWN. WALL WILL RETAIN SOIL
UNDER TRAIL. SEE TYPICAL SECTION 3.

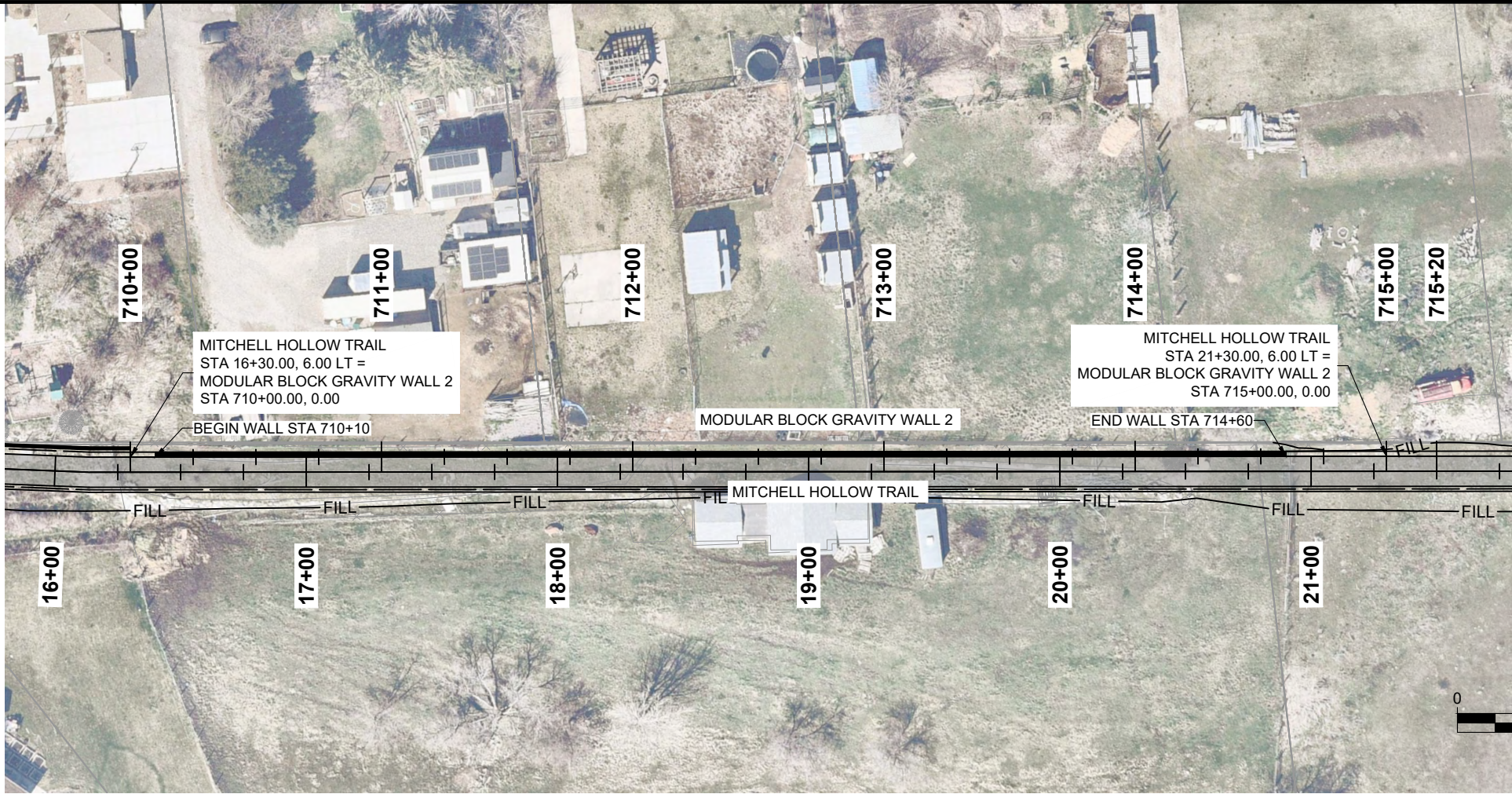


PROJECT		MITCHELL HOLLOW TRAIL		 <div>CONSOR NORTH AMERICA, INC. 38 E SCenic POINTE DR., SUITE 300 DRAPER, UT 84020 Tel. 888-451-4822</div>	 <div>HIGHLAND CITY</div>		PUBLIC WORKS DEPARTMENT 5400 W. CIVIC CENTER DRIVE HIGHLAND CITY, UT 84003 Tel. 801-772-4515												
PROJECT NUMBER		D241185UT.00																	
SHEET		WPP-02		WALL PLAN & PROFILE															
				DATE 01/29/2024				DRAWN BY CD		CHECKED BY RMP		NO.		REVISIONS		BY		DATE	

A:_V-TPD\Projects\UT\Highland City\2024\ID241185\UT_00\Roadway Design\Sheets\ID241185\UT_00 - Mitchell Hollow WALL - P&P.dwg Oct 17, 2025 - 12:05pm

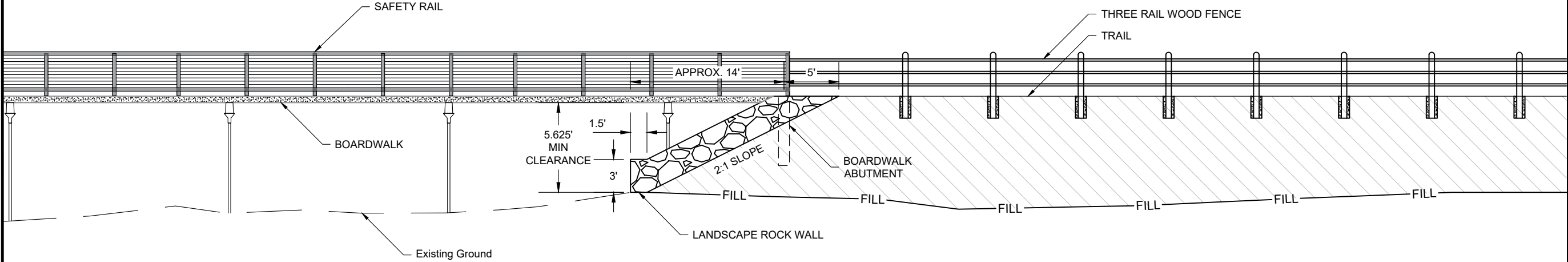


VERTICAL EXAGGERATION = 1:5

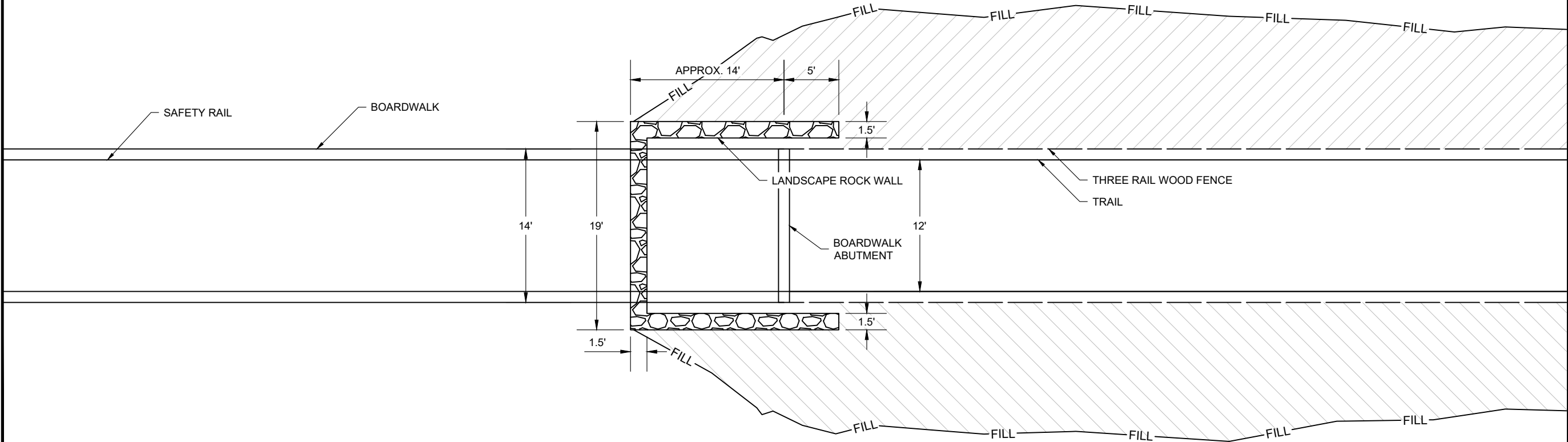


PROJECT		MITCHELL HOLLOW TRAIL		PUBLIC WORKS DEPARTMENT 5400 W. CIVIC CENTER DRIVE HIGHLAND CITY, UT 84003 Tel. 801-772-4515		CHECKED BY RMP		NO		BY DATE	
PROJECT NUMBER		D241185UT.00		HIGHLAND CITY		DRAWN BY CD		DATE 01/29/2024		REVISIONS	
SHEET		WPP-03		CONSISTENT WITH		DATE 01/29/2024		DATE 01/29/2024		DATE 01/29/2024	

A:_V_TPD\Projects\UT\Highland City\2024\ID241185\UT.00\Roadway Design\Sheets\ID241185\UT.00 - Mitchell Hollow Detail.dwg Oct 17, 2025 - 12:05pm



LANDSCAPE ROCK WALL AT BOARDWALK ABUTMENTS ELEVATION VIEW



LANDSCAPE ROCK WALL AT BOARDWALK ABUTMENTS PLAN VIEW

NOTES:
1. BOARDWALK DRAWN FOR
REFERENCE ONLY.

PROJECT		PROJECT NUMBER		SHEET	
MITCHELL HOLLOW TRAIL		D241185UT.00		DT-01	
CONSOR NORTH AMERICA, INC. 38 E SCENIC POINTE DR., SUITE 300 DRAPER, UT 84020 Tel. 888-451-6822		CONSIGNED BY DATE 10/17/25		DRAWN BY CD	
CONSIGNED BY DATE 10/17/25		CHECKED BY RMP		REVISIONS	
PUBLIC WORKS DEPARTMENT 5400 W. CIVIC CENTER DRIVE HIGHLAND CITY, UT 84003 Tel. 801-772-4515		NO.		BY	
DATE		DATE		DATE	

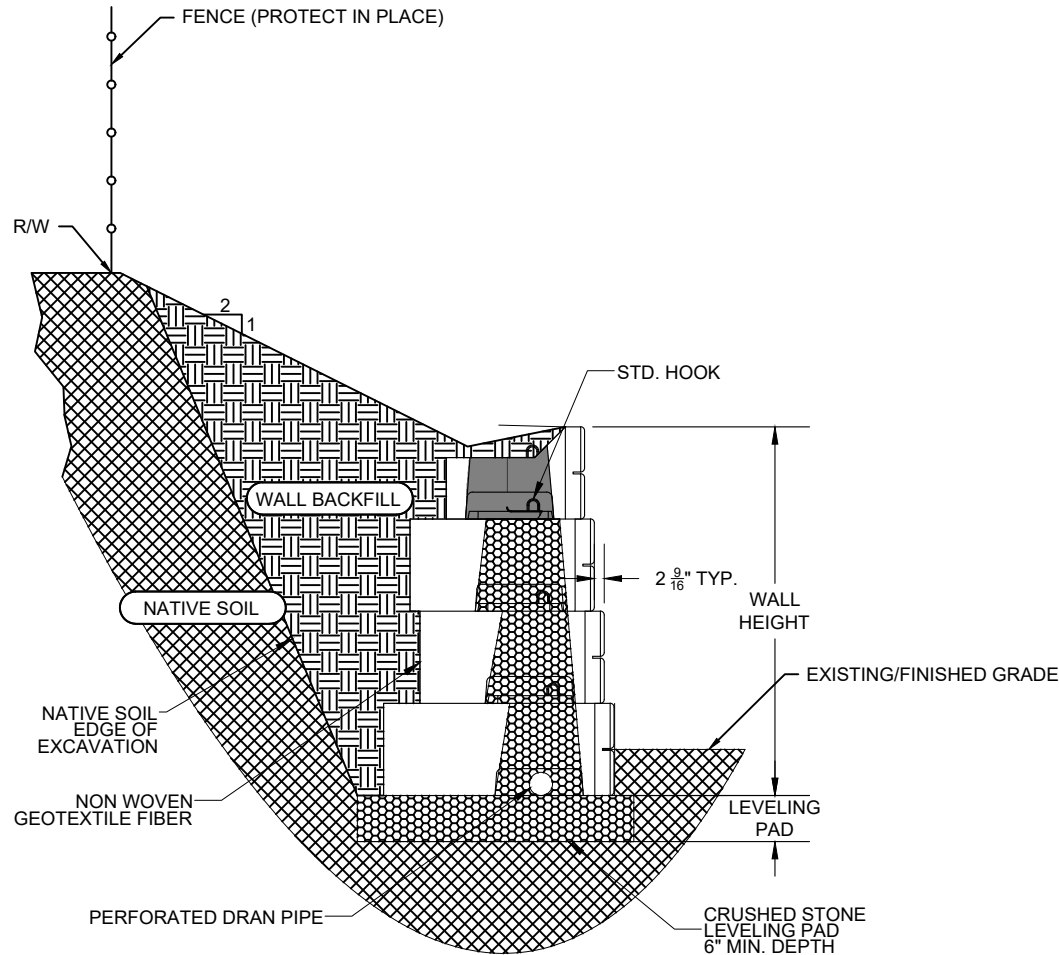


NOTES:

1. NEGATIVE SLOPE INDICATES DOWNWARD SLOPE.

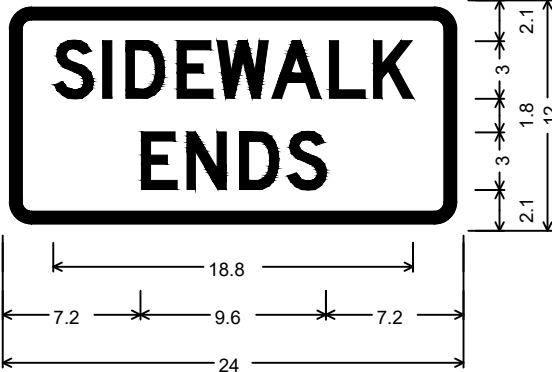
SHEET	PROJECT		MITCHELL HOLLOW TRAIL	 CONSOR NORTH AMERICA, INC. 38 E SCENIC POINTE DRAPER, UT 84020 TEL. 888-451-6822	 PROFESSIONAL ENGINEER	PUBLIC WORKS DEPARTMENT 5400 W. CNIC CENTER DRIVE HIGHLAND CITY, UT 84003 DRAPER, UT 84020 TEL. 801-772-4515	 HIGHLAND CITY	DATE: 10/17/25 DRAWN BY: CD CHECKED BY: RMP	NO.	REVISIONS	BY	DATE
	PROJECT NUMBER											
DT-02												

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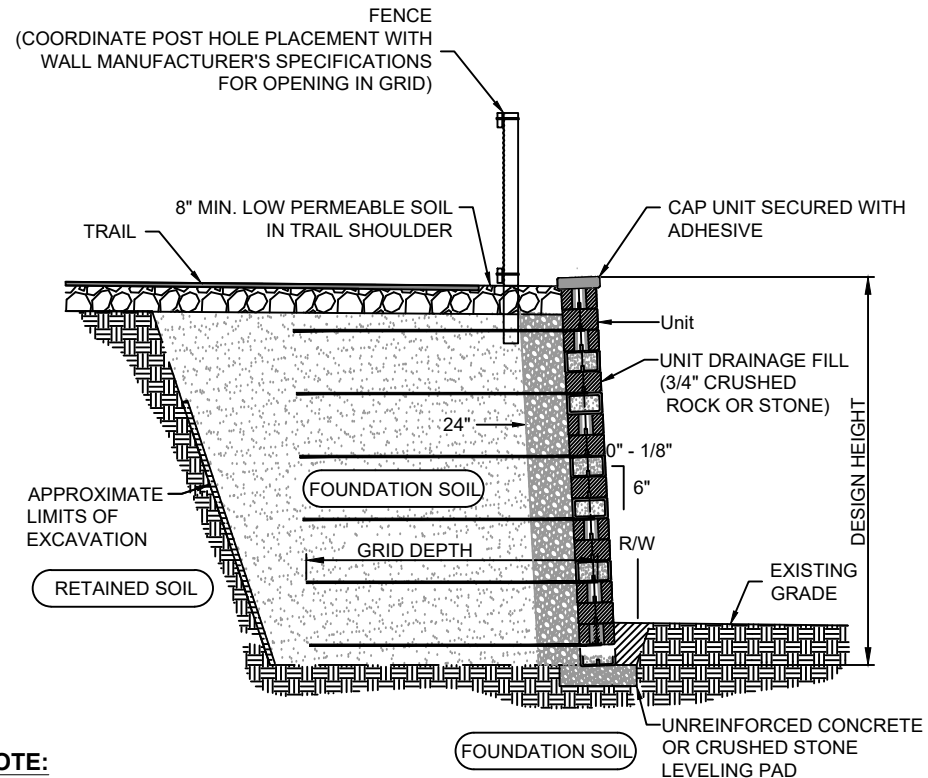
MODULAR BLOCK GRAVITY WALL TYPICAL SECTION

MODULAR BLOCK GRAVITY WALL 2 SHOWN, MODULAR BLOCK GRAVITY WALL 1 SIMILAR
USE VERTI-BLOCK MODULAR BLOCK UNITS OR APPROVED EQUAL. MEET ALL
REQUIREMENTS OF UDOT STD SPECIFICATION 02839.



R9-9, 24x12 (MOD);
1.5" Radius, 0.6" Border, 0.4" Indent, Black on White;
"SIDEWALK", D 2K specified length;
"ENDS", D 2K;

SIDEWALK END SIGNING DETAIL



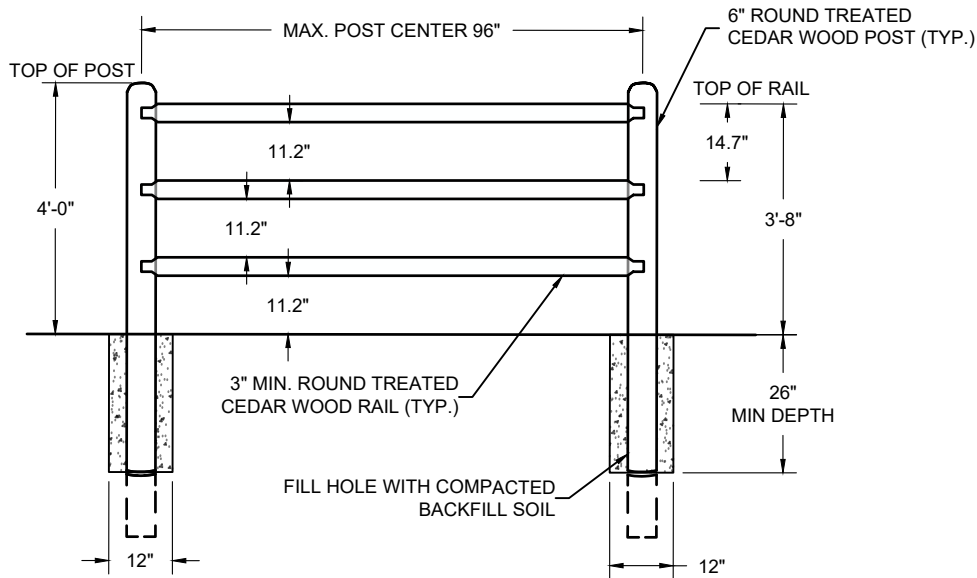
NOTE:
WHEN SITE CONDITIONS REQUIRE, WRAP DRAINAGE
TILE IN 3/4" AGGREGATE AND FILTER FABRIC WITH
DRAINAGE COMPOSITE OR AGGREGATE BACK DRAIN
SYSTEM, AS DIRECTED BY GEOTECHNICAL ENGINEER.

MODULAR BLOCK MSE WALL TYPICAL SECTION

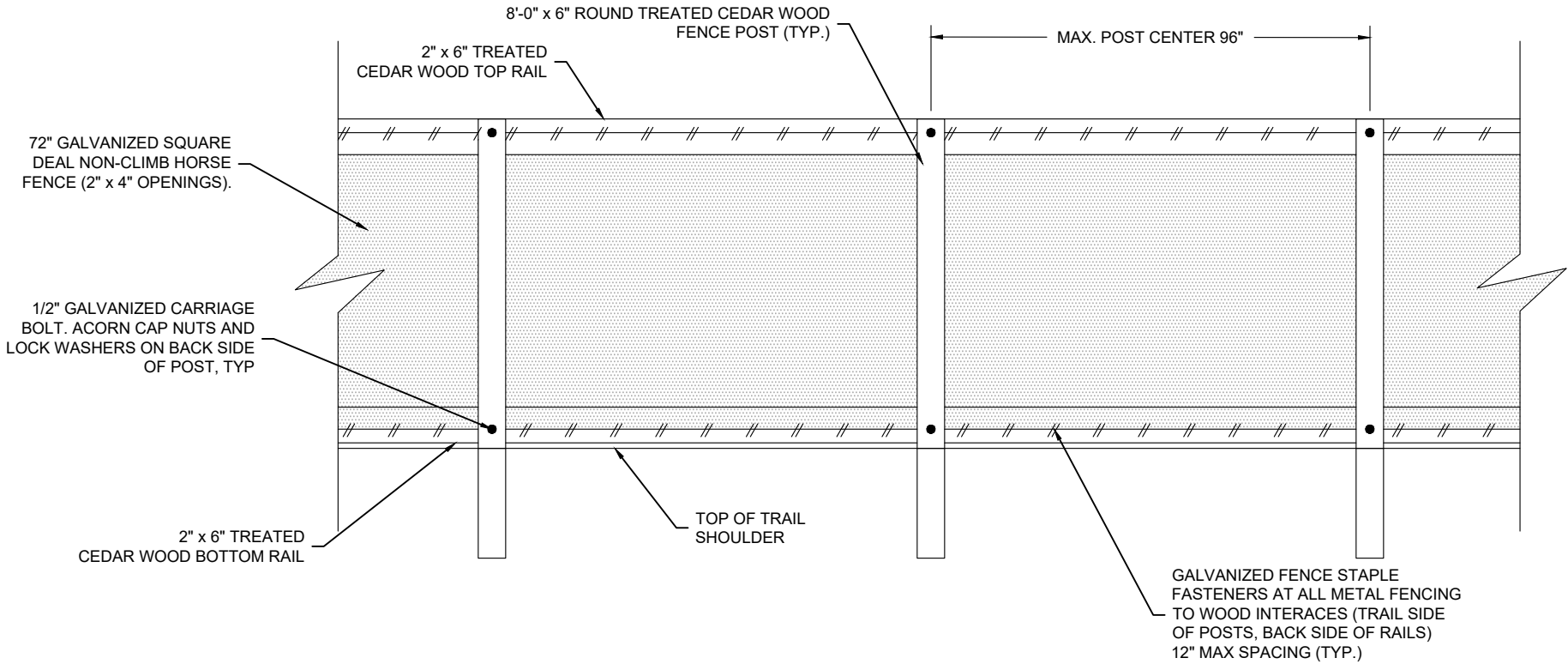
USE KEYSTONE COUNTRY MANOR MODULAR BLOCK UNITS OR APPROVED EQUAL.
MEET ALL REQUIREMENTS OF UDOT STD SPECIFICATION 02835.

PROJECT		PROJECT NUMBER		SHEET	
MITCHELL HOLLOW TRAIL		D241185UT.00		DT-03	
DETAIL					
					
CONSOR NORTH AMERICA, INC. 10000 W. CENTRAL AVENUE DE SUITE 300 DRAPER, UT 84020 Tel. 888-451-6922		CONSOR NORTH AMERICA, INC. 10000 W. CENTRAL AVENUE DE SUITE 300 DRAPER, UT 84020 Tel. 888-451-6922		CONSOR NORTH AMERICA, INC. 10000 W. CENTRAL AVENUE DE SUITE 300 DRAPER, UT 84020 Tel. 888-451-6922	
					
DATE 10/17/25		DRAWN BY CD		CHECKED BY RMP	
NO.		NO.		NO.	
REVISIONS		REVISIONS		REVISIONS	
BY		BY		BY	
DATE		DATE		DATE	

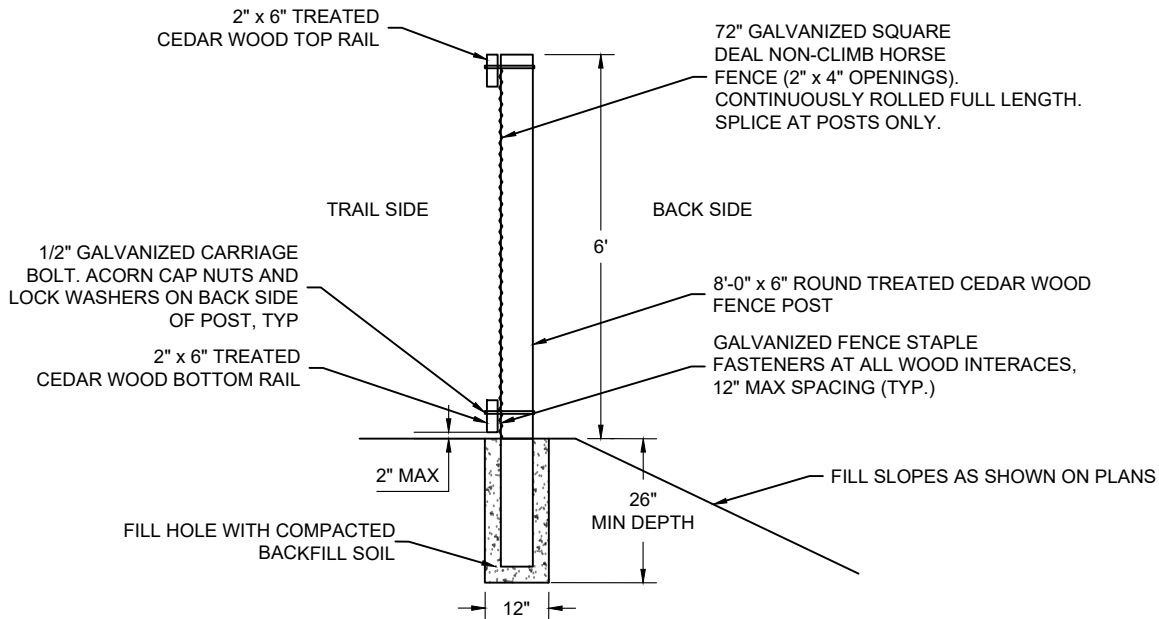
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THREE RAIL WOOD FENCE DETAIL



FENCE DETAIL
BACK SIDE SHOWN



FENCE SECTION

PROJECT		PROJECT NUMBER	SHEET	
MITCHELL HOLLOW TRAIL		D241185UT.00	DT-04	
DATE		10/17/25	DRAWN BY	
CD		CHECKED BY	RMP	
PUBLIC WORKS DEPARTMENT 5400 W. CIVIC CENTER DRIVE HIGHLAND CITY, UT 84003 Tel. 801-772-4515		HIGHLAND CITY		REVISIONS
CONSISTOR NORTH AMERICA, INC. 38 E SCENIC POINTE DR., SUITE 300 DRAPER, UT 84020 Tel. 888-451-5822		PROFESSIONAL ENGINEER		BY
				DATE

GENERAL NOTES

1. USE COATED DEFORMED CARBON STEEL BARS CONFORMING TO AASHTO M111 OR ASTM A775, AND AASHTO M31 GRADE 60, UNLESS SHOWN OTHERWISE.
2. USE STRUCTURAL STEEL CONFORMING TO AASHTO M270 GRADE 50, UNLESS SHOWN OTHERWISE.
3. CHAMFER EXPOSED CONCRETE CORNERS 3/4 INCH UNLESS SHOWN OTHERWISE.
4. PROVIDE 2 INCH MINIMUM CONCRETE COVER TO REINFORCING STEEL UNLESS SHOWN OTHERWISE.
5. VERIFY UTILITY LOCATIONS BEFORE CONSTRUCTION. PROTECT EXISTING UTILITIES IN PLACE UNLESS SHOWN OTHERWISE.
6. COAT OR GALVANIZE MISCELLANEOUS STEEL PLACED IN STRUCTURAL CONCRETE, UNLESS SHOWN OTHERWISE.
7. DO NOT SCALE DRAWINGS. HORIZONTAL DIMENSIONS ARE PLAN. VERTICAL DIMENSIONS ARE PLUMB.
8. CONSTRUCTION OF THE BOARDWALK PIERS, ABUTMENTS, AND SOIL PREPARATION SHALL BE PER THE RECOMMENDATIONS IN THE GEOTECHNICAL ENGINEERING REPORT INCLUDING AND HEREBY MADE PART OF THESE CONTRACT DOCUMENTS.
9. FROST ZONE:
THE DEPTH OF THE FROST ZONE AS THIS SITE SHALL BE CONSIDERED TO BE 3.5 FEET (42 INCHES). ALL STRUCTURAL FOUNDATIONS SHALL BEAR AT THIS DEPTH OR DEEPER BELOW THE GROUND SURFACE TO MITIGATE THE EFFECTS OF SEASONAL FREEZE-THAW CYCLES.
10. SIZE OF HELICAL PIERS TO MEET THE LRFD DESIGN LOADS AND THE ALLOWABLE BEARING AND LATERAL RESISTANCE PER THE GEOTECHNICAL REPORT.

DESIGN DATA

H-10 AND 90 PSF PEDESTRIAN LOADING IN ACCORDANCE WITH AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 9TH EDITION 2020 AND THE UDOT STRUCTURES DESIGN AND DETAILING MANUAL, 2022.

STRUCTURAL CONCRETE			
ALL LOCATIONS UNLESS SHOWN OTHERWISE	145 PCF	$f_c = 4.0$ KSI	n = 8 CLASS AA(AE)
PRECAST CONCRETE	145 PCF	$f_c = 4.0$ KSI	n = 8 CLASS AA(AE)

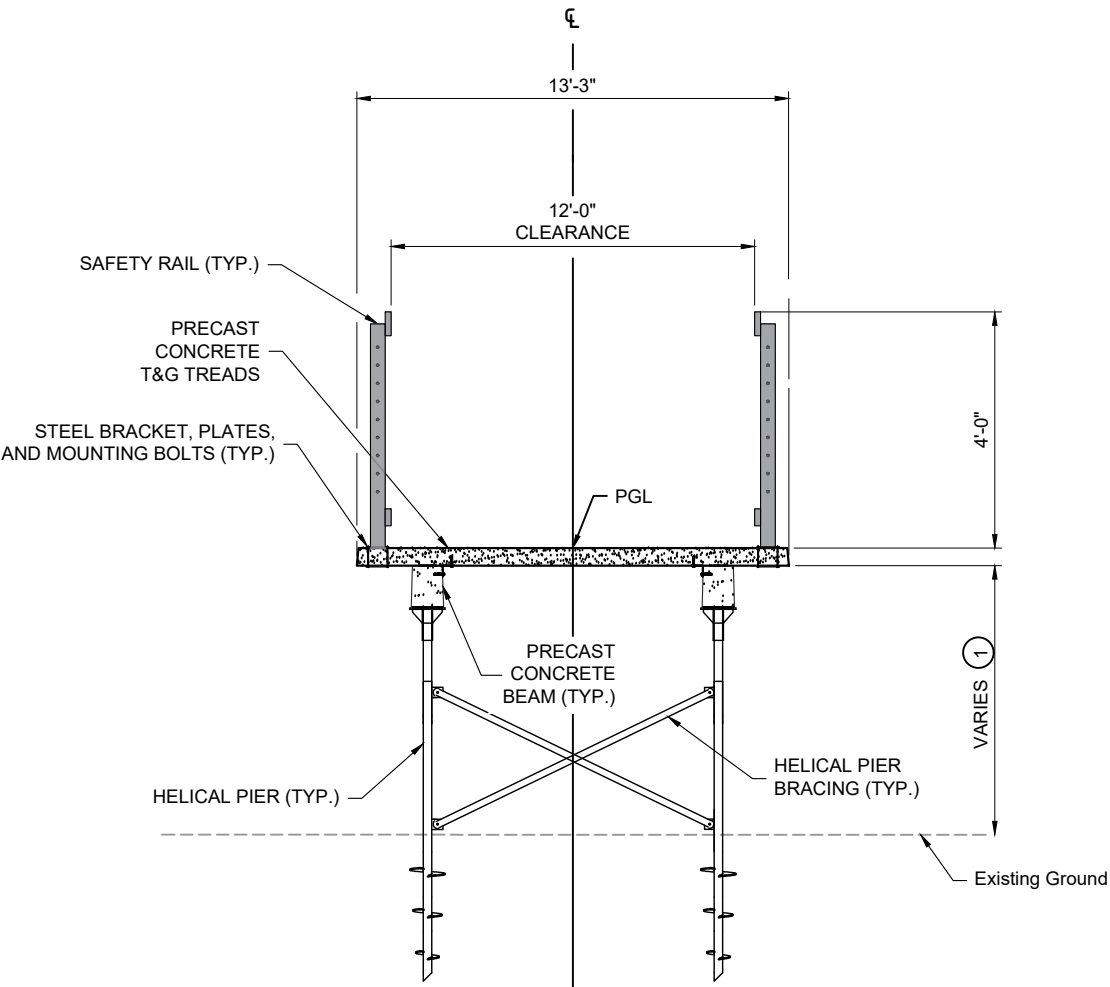
CONCRETE WEIGHT FOR LOADS 150 PCF UNLESS SHOWN OTHERWISE

REINFORCING STEEL
ALL LOCATIONS UNLESS SHOWN OTHERWISE $f_y = 60 \text{ KSI}$

STRUCTURAL STEEL: $F_y = 50$ KSI (GRADE 50) UNLESS SHOWN OTHERWISE.

HELICAL PIER

1. DESIGN ALL HELICAL PIERS TO SUPPORT THE NOMINAL COMPRESSION AND LATERAL LOAD(S) AS SHOWN ON THE PROJECT PLANS. THE OVERALL LENGTH, HELIX CONFIGURATION AND MINIMUM EFFECTIVE TORSIONAL RESISTANCE OF A HELICAL PIER WILL BE SUCH THAT THE REQUIRED GEOTECHNICAL CAPACITY IS DEVELOPED BY THE HELIX PLATE(S) IN AN APPROPRIATE BEARING STRATUM(S).
2. DESIGN ALL STEEL STRUCTURE PIER COMPONENTS WITHIN THE LIMITS PROVIDED BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC). EITHER ALLOWABLE STRESS DESIGN (ASD) OR LOAD AND RESISTANCE FACTOR DESIGN (LRFD) ARE ACCEPTABLE METHODS OF ANALYSIS.
3. EXCEPT WHERE NOTED OTHERWISE ON THE PROJECT PLANS, INSTALL ALL PIERS TO PROVIDE A MINIMUM FACTOR OF SAFETY AGAINST ULTIMATE COMPRESSION RESISTANCE OF 2.0, A MAXIMUM AXIAL DEFLECTION AT DESIGN COMPRESSION LOAD OF 0.5 INCHES, AND TO SATISFY THE DEFLECTION CRITERIA AS STATED ON THE PLANS OR DRAWINGS.
4. EXCEPT WHERE NOTED OTHERWISE ON THE PROJECT PLANS, EACH PIER SHALL BE DESIGNED TO MEET A CORROSION SERVICE LIFE OF 50 YEARS.
5. THE ANCHORAGE DESIGN SHALL TAKE INTO ACCOUNT SUCH PIER SPACING, SOIL STRATIFICATION, CORROSION AND STRAIN COMPATIBILITY ISSUES AS ARE PRESENT FOR THE PROJECT.



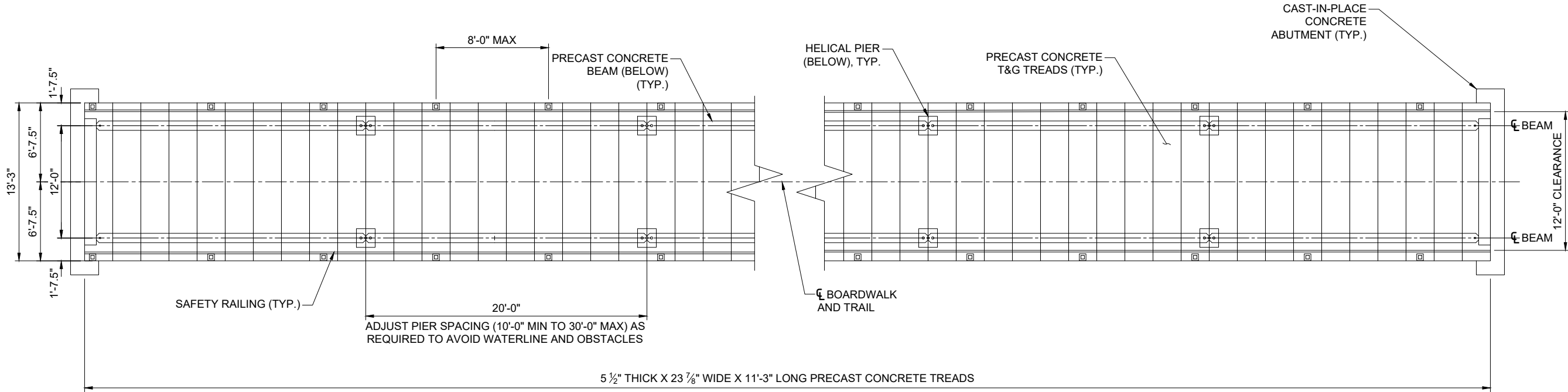
BOARDWALK CROSS SECTION DETAIL

NOTES:

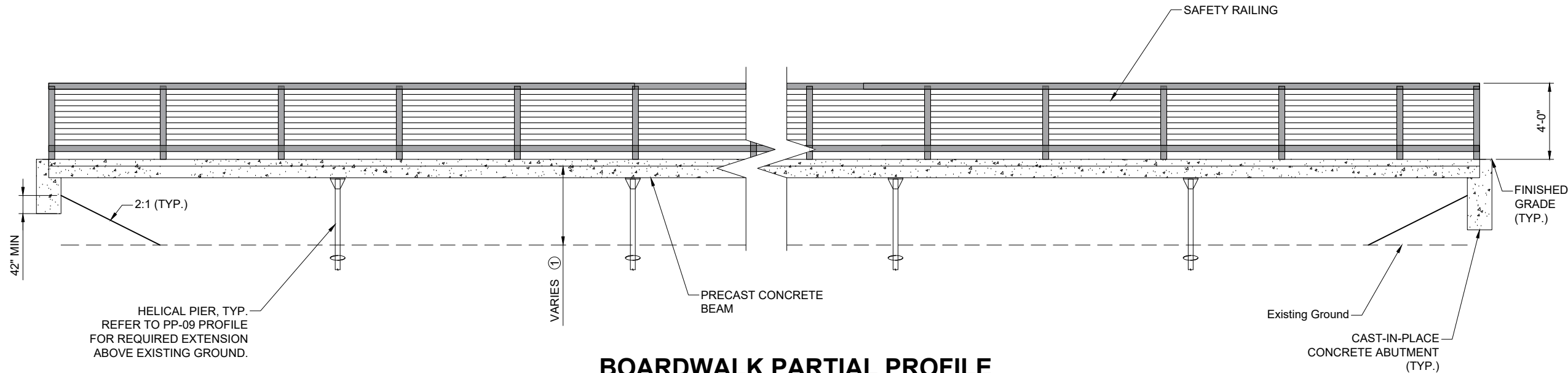
- ① MINIMUM OF 5'-7.5" OVER WETLANDS

PROJECT		MITCHELL HOLLOW BOARDWALK	 CONSOR NORTH 28 E SCENIC POINTE DR., SUITE 300 DRAPER, UT 84020 Tel. 888-451-6822		 HIGHLAND CITY	 PUBLIC WORKS DEPARTMENT 5400 W. CIVIC CENTER DRIVE HIGHLAND CITY, UT 84003 Tel. 801-772-4515		NO.		REVISIONS		BY	DATE	
PROJECT NUMBER		D241185UT.00					DATE		DRAWN BY FJB		CHECKED BY ---			
		BOARDWALK												
			PROFESSIONAL ENGINEER											

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BOARDWALK PARTIAL PLAN

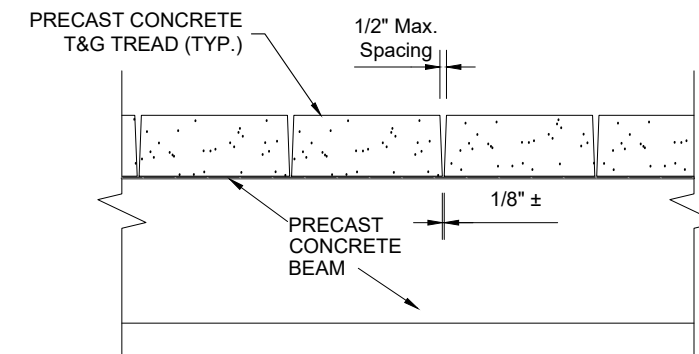
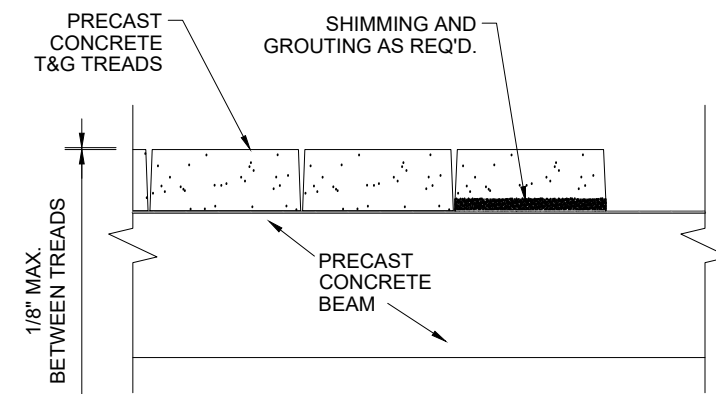
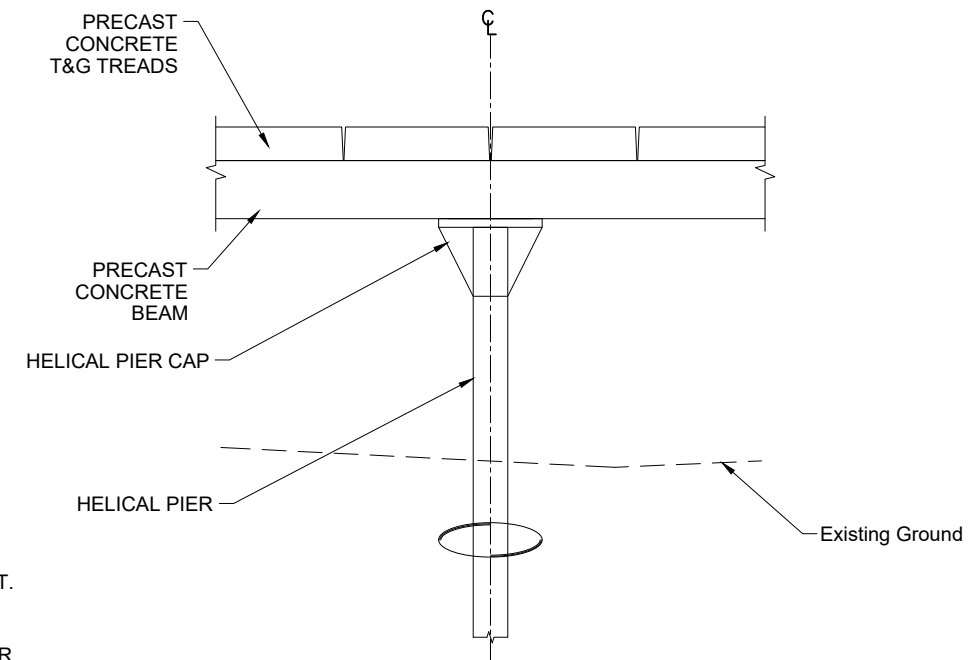
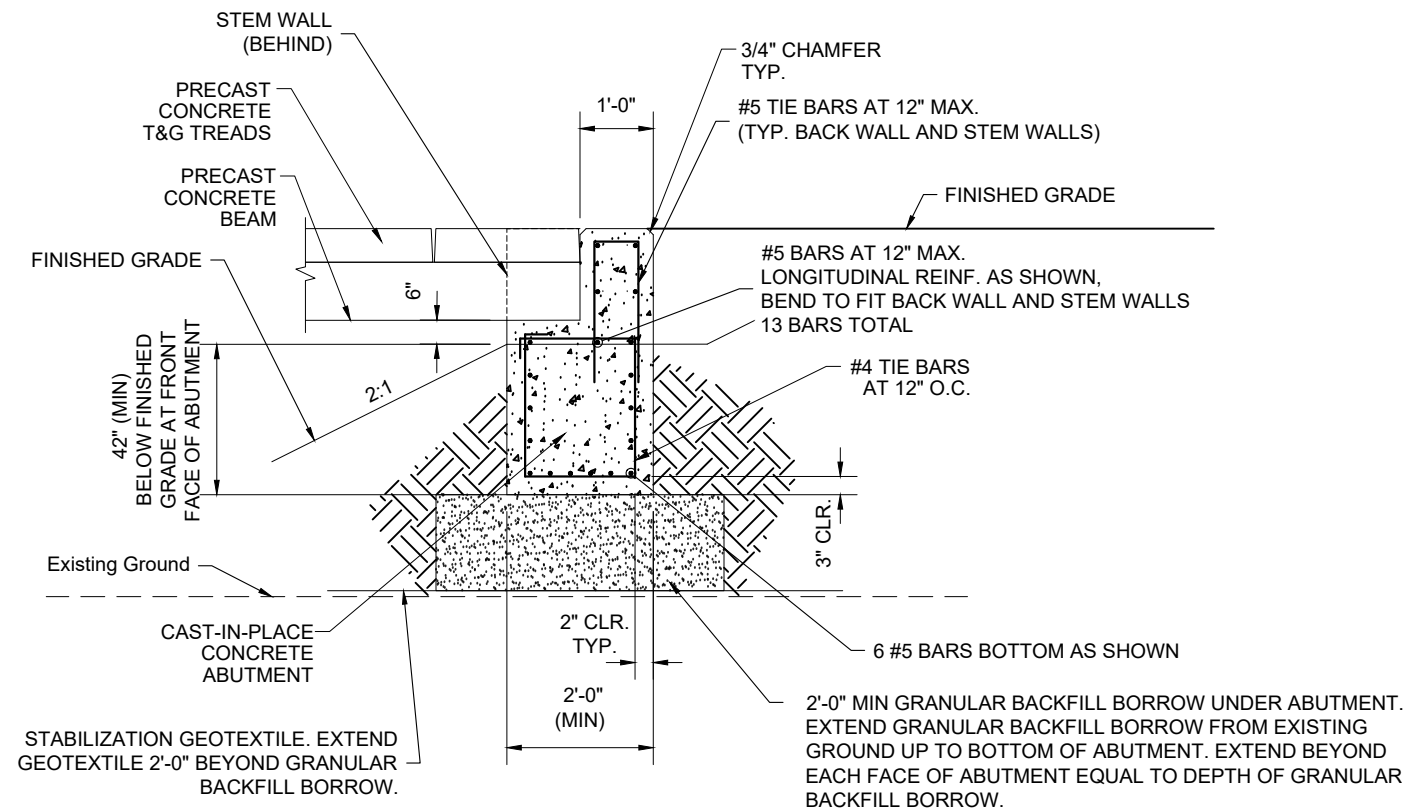


BOARDWALK PARTIAL PROFILE

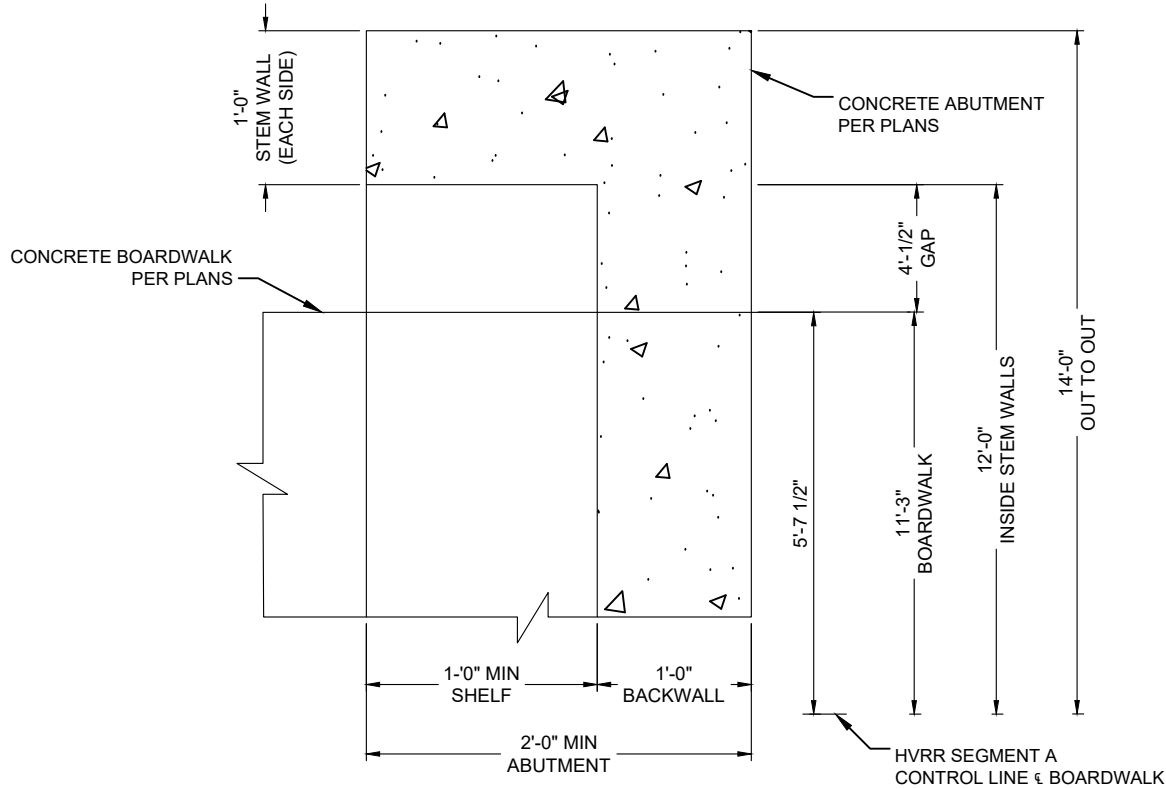
NOTES:

- ① MINIMUM OF 5'-7.5" OVER WETLANDS

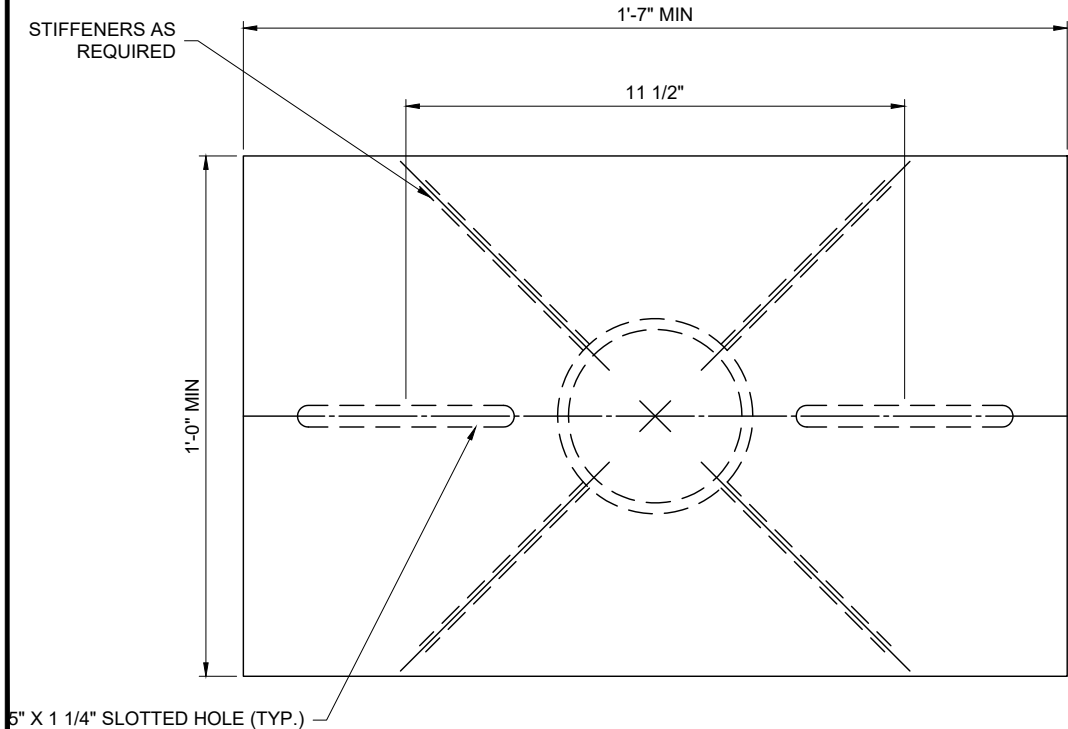
PROJECT		PROJECT NUMBER		SHEET	
MITCHELL HOLLOW BOARDWALK		D241185UT.00		BW-02	
CONSOR NORTH AMERICA, INC. 38 E SCENIC POINTE DR., SUITE 300 DRAPER, UT 84020 Tel. 888-451-6822		DATE		DRAWN BY FJB	
PUBLIC WORKS DEPARTMENT 5400 W. CIVIC CENTER DRIVE HIGHLAND CITY, UT 84003 Tel. 801-772-4515		CHECKED BY ---		NO.	
HIGHLAND CITY		DATE		REVISIONS	
CONSIGNED		DATE		BY	
DATE		DATE		DATE	



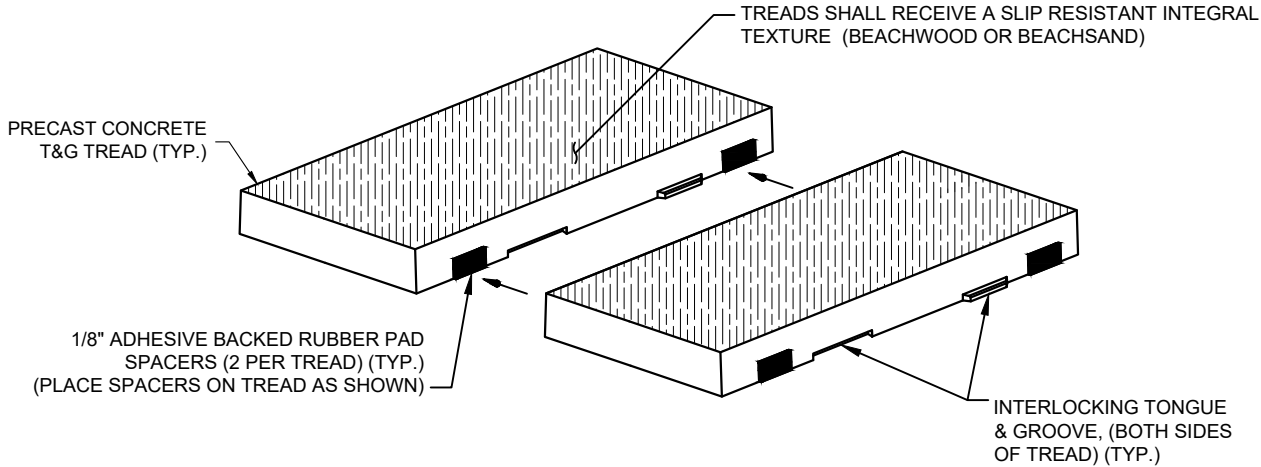
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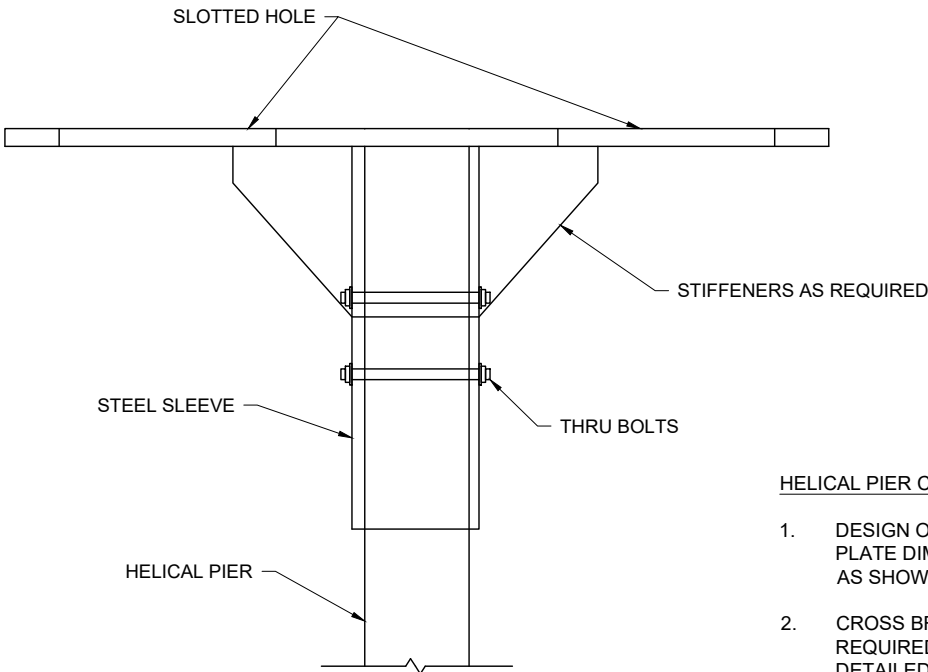
STEMWALL AND BACKWALL DETAIL



HELICAL PIER CAP DETAIL



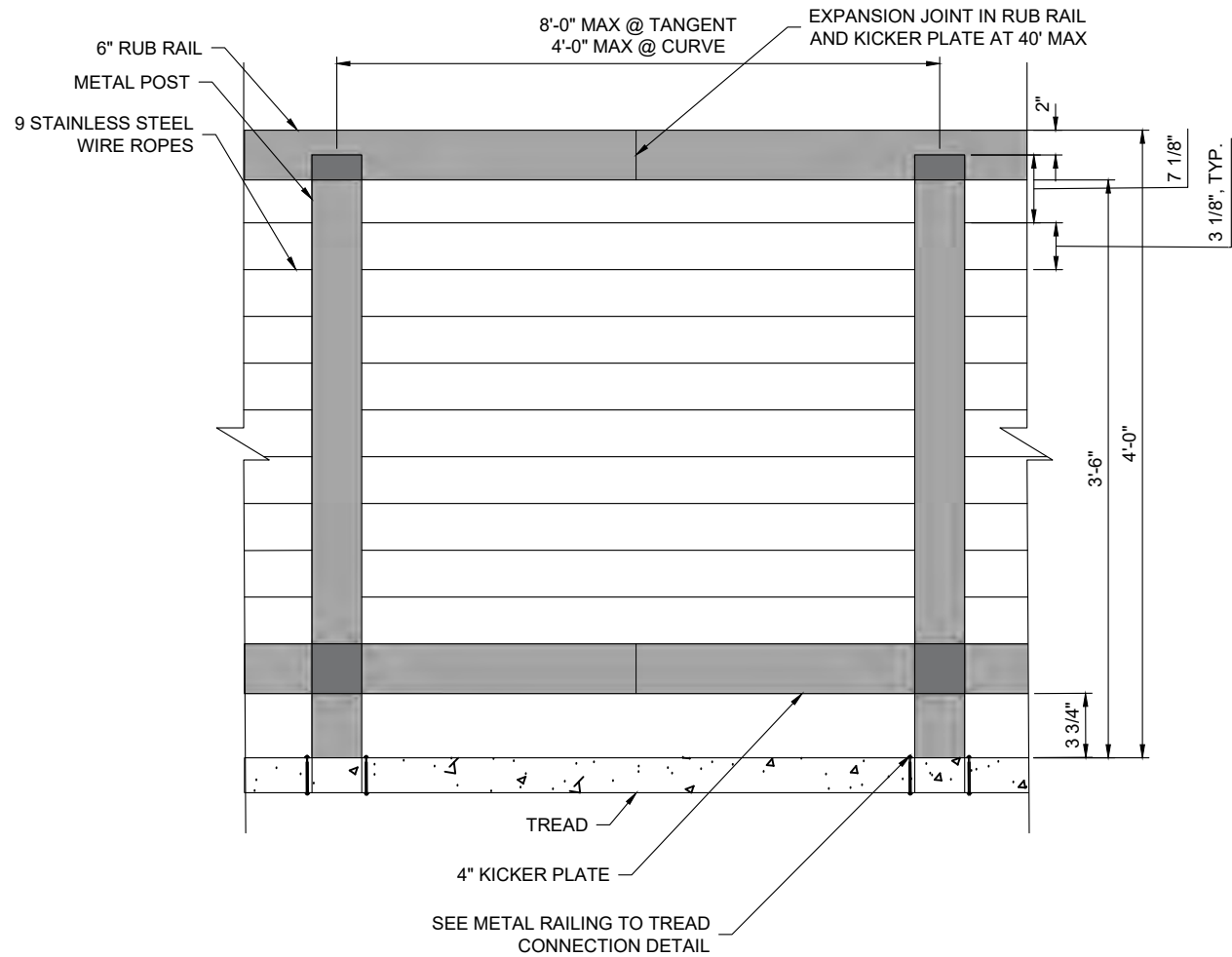
TYPICAL TREAD RUBBER SPACING DETAIL



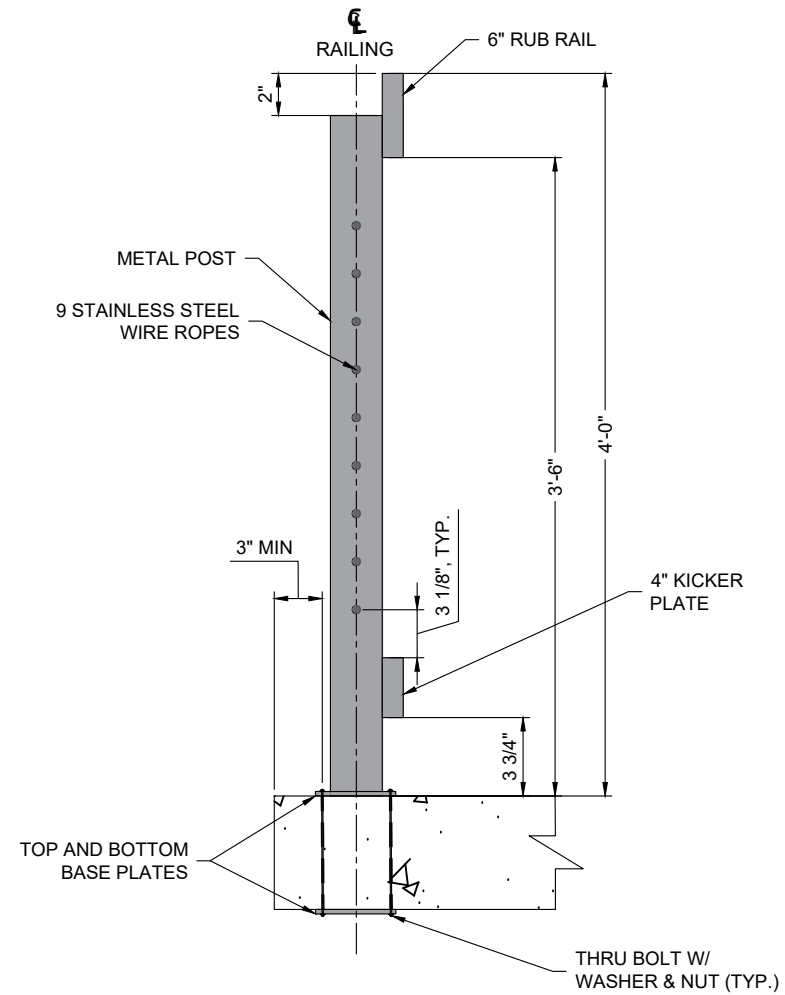
- HELICAL PIER CAP NOTES:
- DESIGN OF HELICAL PIER CAP IS BY OTHERS. PLATE DIMENSIONS AND SLOTTED HOLES SHALL BE AS SHOWN.
 - CROSS BRACING OF HELICAL PIERS MAY BE REQUIRED FOR STABILITY AND SHALL BE DETAILED BY HELICAL PIER ENGINEER.
 - IF STEEL SLEEVE EXCEEDS 4 1/2" O.D., CONTACT PRECAST BOARDWALK MANUFACTURER FOR ADDITIONAL COORDINATION.

PROJECT		PROJECT NUMBER		SHEET	
MITCHELL HOLLOW BOARDWALK		D241185UT.00		BW-04	
CONSOR NORTH AMERICA, INC. 38 E SCENIC POINTE DR., SUITE 300 DRAPER, UT 84020 Tel. 888-451-6822		PUBLIC WORKS DEPARTMENT 5400 W. CIVIC CENTER DRIVE HIGHLAND CITY, UT 84003 Tel. 801-772-4515		DATE	
DATE		DRAWN BY		CHECKED BY	
		FJB		---	
				NO.	
				REVISIONS	
				BY	
				DATE	

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SAFETY RAIL DETAIL
FENCE DETAIL SIMILAR WITH POST FOUNDATIONS IN
PLACE OF METAL RAILING TO TREAD CONNECTION



SAFETY RAIL SECTION DETAIL

PROJECT		MITCHELL HOLLOW BOARDWALK		<div>CONSOR NORTH AMERICA, INC. 38 E SCENIC POINTE DR., SUITE 300 DRAPER, UT 84020 Tel. 888-451-6822</div> <div></div> <div>PROFESSIONAL ENGINEER</div>	 <div>PUBLIC WORKS DEPARTMENT 5400 W. CIVIC CENTER DRIVE HIGHLAND CITY, UT 84003 Tel. 801-772-4515</div>								
PROJECT NUMBER		D241185JT.00			DATE	DRAWN BY	FJB	CHECKED BY	---	NO.	REVISIONS	BY	DATE
		BOARDWALK											