

MITCHELL HOLLOW PHASE 1

100% PLANS

OCTOBER 17, 2025

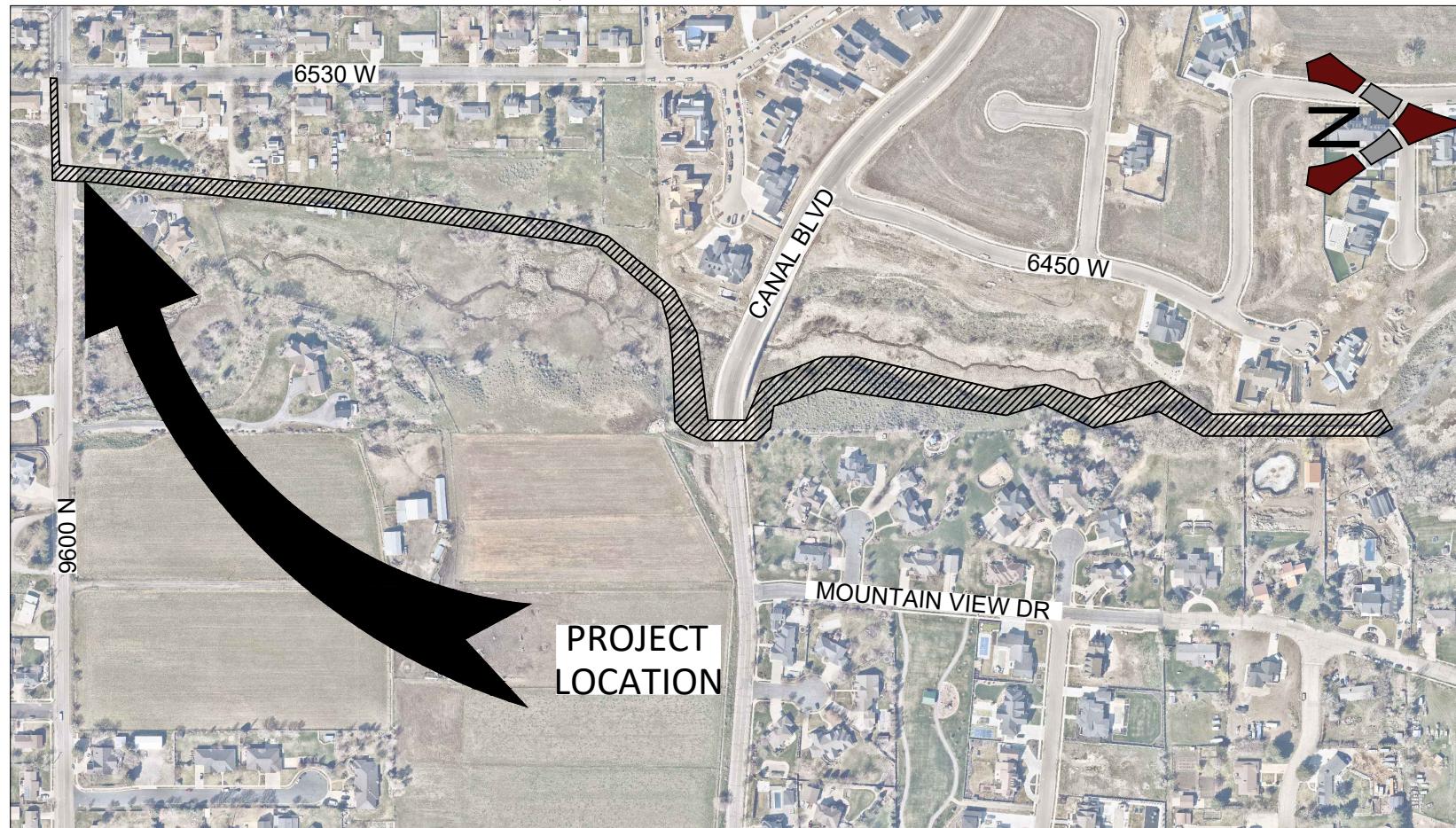


HIGHLAND CITY

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

SHEET INDEX

SHEET #	SHEET NAME
C-00	COVER
SC-01	SURVEY CONTROL
A-01	LEGEND AND ABBREVIATIONS
GN-01 - GN-03	GENERAL NOTES
HC-01	HORIZONTAL CONTROL
CR-01	CROSS REFERENCE
TS-01 - TS-04	TYPICAL SECTION
RM-01 - RM-07	REMOVAL
PP-01 - PP-07	PLAN & PROFILE
WPP-01 - WPP-03	WALL PLAN AND PROFILE
DT-01 - DT-04	DETAIL
BW-01 - BW-05	BOARDWALK

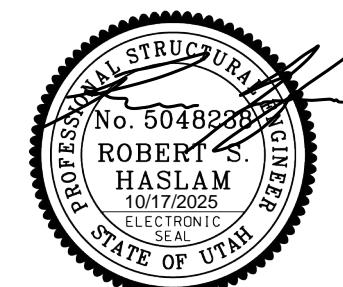


VICINITY MAP

SCALE: N.T.S.

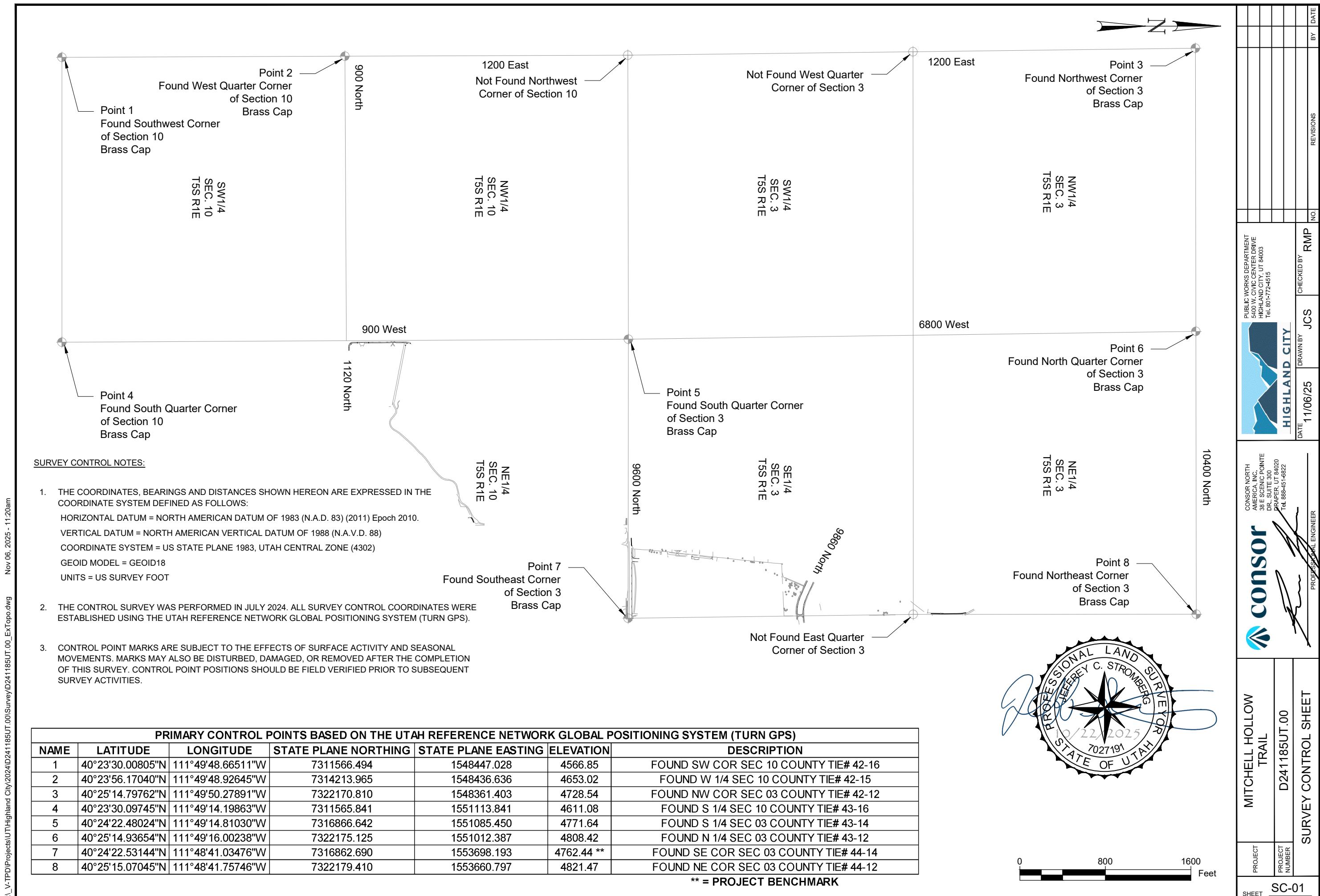
HIGHLAND CITY
CONSTRUCTION STANDARDS

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



ENGINEERING MANAGER: _____
CHRIS TRUSTY

PARKS DIVISION MANAGER/
PROJECT MANAGER: _____
JOSH CASTLEBERRY



SYMBOL LEGEND					
DESCRIPTION	EXIST.	PROP.	DESCRIPTION	EXIST.	PROP.
SANITARY SEWER			IRRIGATION		
CLEANOUT	◎	◎	IRRIGATION VALVE	IRR	IRR
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	DF	DF
TELE. PEDESTAL	◎	◎	FLAGPOLE	◎	◎
TELE. POLE	◎	◎	GATE	—	—
COMM. PEDESTAL	□	□	MAJOR CONTOUR	2520	2520
CABLE TV	□	□	MINOR CONTOUR	2518	2518
DOMESTIC WATER			TOP OF BANK	tob	TOB
FIRE HYDRANT	●	●	TOE OF SLOPE	toe	TOE
SPIGOT	●	●	PROPERTY LINE	—	—
WATER MANHOLE	●	●	PROPERTY LINE (OPTIONAL)	—	—
WATER METER	WM	WM	RIGHT OF WAY	r/w	R/W
WATER VALVE	WV	WV	TEMPORARY EASEMENT	t/e	T/E
YARD HYDRANT	●	●	PERMANENT EASEMENT	p/e	P/E
ELECTRIC			TEST HOLE	TH	TH
ELEC. MANHOLE	●	●	PROPERTY EASEMENT	TH	TH
ELEC. METER	●	●	ROAD SHOULDER	W	W
ELEC. TRANS.	●	●	ROAD CENTERLINE	W	W
JUNCTION BOX	JBI	JBI	ROAD ASPHALT	—	—
GUY WIRE	●	●	ROAD GRAVEL	eg	EG
POWER STUB	●	●	ROAD DIRT	—	—
UTILITY POLE	●	●	CURB AND GUTTER	—	—
STREET LIGHT	●	●	CUT	cut	CUT
STREET LIGHT WITH ARM	●	●	FILL	fill	FILL
TRAFFIC SIGNAL POLE	●	●	UNDERGROUND CABLE	uc	UC

LINE LEGEND		
DESCRIPTION	EXIST.	PROP.
STORM DRAIN	sd	SD
DRAIN LINE	dl	DL
SANITARY SEWER	ss	SS
WATER	w	W
IRRIGATION	irr	IRR
NATURAL GAS	g	G
OVERHEAD POWER	ohp	OHP
UNDERGROUND POWER	up	UP
OVERHEAD TELEPHONE	oht	OHT
UNDERGROUND TELEPHONE	ut	UT
FIBER OPTIC	f/o	F/O
CABLE TELEVISION	ctv	CTV
FENCE	x	X
DITCH	—	—
MAJOR CONTOUR	2520	2520
MINOR CONTOUR	2518	2518
TOP OF BANK	tob	TOB
TOE OF SLOPE	toe	TOE
PROPERTY LINE	—	—
PROPERTY LINE (OPTIONAL)	—	—
RIGHT OF WAY	r/w	R/W
TEMPORARY EASEMENT	t/e	T/E
PERMANENT EASEMENT	p/e	P/E
TEST HOLE	TH	TH
PROPERTY EASEMENT	pe	PE
ROAD SHOULDER	W	W
ROAD CENTERLINE	W	W
ROAD ASPHALT	—	—
ROAD GRAVEL	eg	EG
ROAD DIRT	—	—
CURB AND GUTTER	—	—
CUT	cut	CUT
FILL	fill	FILL
UNDERGROUND CABLE	uc	UC
T.C.E.	tce	TCE
EDGE OF ASPHALT	eo	EOA

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
L	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
DETS	NOT TO SCALE
O.C.	ON CENTER
PC	POINT OF CURVATURE
PCC	POINT OF COMPOUND CURVATURE
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
PL OR †	PLATE OR PROPERTY LINE
PRC	POINT OF REVERSE CURVATURE
PT	END OF CURVE
PVC	POLYVINYL-CHLORIDE
PVI	POINT OF VERTICAL INTERSECTION

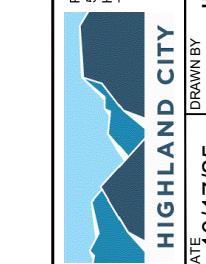
ABBREVIATIONS	
ABBREV.	TERM
R	RADIUS
R&R	REMOVE & REPLACE
RC	REVERSE CROWN
RCP	REINFORCED CONCRETE PIPE
REM	REMOVE
REQ OR REQ'D	REQUIRED
REV	REVISION
R/W	RIGHT-OF-WAY
RT	RIGHT
S	SLOPE
SBO	SHOULDER BREAKOVER
SCH	SCHEDULE
SDCB	STORM DRAIN CATCH BASIN
SDMH	STORM DRAIN MANHOLE
SF	SQUARE FEET
SPI	REVERSE SPIRAL INTERSECT
SPEC	SPECIFICATION
SS_LRB	SIMPLE SPIRAL LARGE RADIUS AT BEGINNING
SS_LRE	SIMPLE SPIRAL LARGE RADIUS AT END
SS_SR	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
VCSS	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

MITCHELL HOLLOW TRAIL

D241185UT.00

LEGEND & ABBREVIATIONS

CONSOR
CONSOR NORTH
AMERICA, INC.
38 E. SCENIC PONTE
DR., SUITE 200
DRAFER, UT 84020
Tel: 888-451-6822



PROJECT	MITCHELL HOLLOW TRAIL	DATE
PROJECT NUMBER	D241185UT.00	10/17/25
REVISIONS	JBA	DWH NO

A-01
SHEET

BY DATE

THE CONTRACTOR SHALL CAREFULLY READ ALL THE NOTES AND SPECIFICATIONS
THE CONTRACTOR SHALL BE SATISFIED AS TO THE TRUE MEANING AND INTENTIO
AND SHALL BE RESPONSIBLE FOR COMPLYING WITH EACH.

1. GENERAL NOTES

- 1.1. ALL UTILITY LOCATIONS ARE APPROXIMATE. CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING BLUE STAKE FOR LOCATION OF ALL UTILITIES 1-800-662-4111.
- 1.2. CONTRACTOR SHALL PROTECT ALL EXISTING UTILITIES DURING CONSTRUCTION AND ENSURE THEY REMAIN IN PLACE AND OPERATIONAL. UNLESS OTHERWISE SPECIFIED.
- 1.3. RESTORE OR PRESERVE ALL EXISTING FENCES, ROADS, AND DITCHES UNLESS OTHERWISE SPECIFIED.
- 1.4. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AS-BUILT DRAWINGS ONE HARD COPY AND ONE CD WITH CAD FILES, PRIOR TO FINAL PAYMENT.
- 1.5. SAFE CONSTRUCTION PROCEDURES AND WORKING CLEARANCES SHALL BE MAINTAINED AT ALL TIMES.
- 1.6. IF THERE IS A CONFLICT BETWEEN THE PLANS AND SPECIFICATIONS, THE SPECIFICATIONS SHALL PREVAIL.
- 1.7. THESE NOTES SHALL BE DEEMED AN ADDENDUM TO THE AMERICAN PUBLIC WORKS ASSOCIATION (APWA) MANUAL STANDARD SPECIFICATIONS. HIGHLAND CITY FOLLOWS THE MOST CURRENT APWA SPECIFICATIONS AND STANDARD PLANS (AVAILABLE AT WWW.APWAUTAH.ORG).
- 1.8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SAFETY REQUIREMENT ON THE JOB SITE AND WILL ENSURE ENFORCEMENT OF THE NECESSARY AND GOVERNING REGULATIONS.
- 1.9. ALL CONSTRUCTION DEBRIS SHALL BE REMOVED (IE NO CONCRETE).

2. PRECONSTRUCTION

- 2.1. THE CONTRACTOR SHALL NOTIFY THE HIGHLAND CITY PUBLIC WORKS DEPARTMENT (801-772-4515) A MINIMUM OF THREE (3) WEEKS BEFORE BEGINNING WORK.
- 2.2. THE CONTRACTOR SHALL BE RESPONSIBLE TO NOTIFY ALL APPROPRIATE GOVERNMENT AND PRIVATE ENTITIES ASSOCIATED WITH THE PROJECT. THE FOLLOWING MUST BE CONTACTED 48-HOURS PRIOR TO CONSTRUCTION AS APPLICABLE TO THE PROJECT:

HIGHLAND CITY PUBLIC WORKS	801-772-4515
BLUE STAKES	811
ROCKY MOUNTAIN POWER	800-469-3983
CENTURY LINK	801-356-6973
COMCAST	435-224-2356
CENTRACOM INTERACTIVE	435-427-3333
ENBRIDGE UTAH	801-324-3970
CENTRAL UT WTR CONSERVANCY DISTRICT	801-226-7193
CENTURYLINK LOCAL NETWORK	801-974-8181
MCI/VERIZON BUSINESS	469-886-4233
UTAH COUNTY	801-851-8661
VERACITY NETWORKS	801-362-0021

2.3. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH HIGHLAND CITY, REPRESENTATIVES OF THE CONSULTANT CONSTRUCTION MANAGEMENT TEAM, REPRESENTATIVES OF THE CONTRACTORS AND OTHER AFFECTED AGENCIES.

3. SCHEDULE

- 3.1. PRIOR TO CONSTRUCTION THE CONTRACTOR WILL UPDATE HIGHLAND CITY PUBLIC WORKS AND CONSOR NORTH AMERICA INC. AS CHANGES OCCUR IN ACCORDANCE WITH THE SPECIFICATIONS.
- 3.2. REGULAR WORK HOURS ARE SEVEN (7) A.M. UNTIL SEVEN (7) P.M. OR DUSK (WHICHEVER OCCURS FIRST) OF THE SAME DAY, MONDAY THROUGH FRIDAY. THE CONTRACTOR WILL NOT PERMIT OVERTIME WORK OUTSIDE OF REGULAR WORKING HOURS OR THE PERFORMANCE OF WORK ON SATURDAY, SUNDAY OR ANY LEGAL HOLIDAY WITHOUT RECEIVING WRITTEN CONSENT FROM THE PUBLIC WORKS DIRECTOR. REQUESTS FOR WEEKEND WORK APPROVAL MUST BE SUBMITTED, IN WRITING TO HIGHLAND CITY NO LATER THAN WEDNESDAY AT 3:30 P.M. FOR SUBSEQUENT WEEKEND. REQUESTS FOR HOLIDAY WORK APPROVAL MUST BE SUBMITTED, IN WRITING

TO HIGHLAND CITY NO LATER THAN 7:00 A.M. - 2 BUSINESS DAYS PRIOR TO THE HOLIDAY.

WORK IN PUBLIC STREETS, ONCE BEGUN, SHALL BE PROSECUTED TO COMPLETION WITHOUT DELAY SO AS TO PROVIDE MINIMUM INCONVENIENCE TO ADJACENT PROPERTY OWNERS AND TO THE TRAVELING PUBLIC.

GENERAL NOTES

ALL WORK SHALL BE PERFORMED PER HIGHLAND CITY SPECIFICATIONS AND STANDARDS. IN THE EVENT THAT THE MUNICIPALITIES DO NOT OFFER SPECIFICATIONS FOR THE WORK, THE LATEST APWA STANDARDS SHALL APPLY. AS REQUIRED IN THE PLANS MEET UDOT STANDARD SPECIFICATIONS AND STANDARD DRAWINGS.

WHERE THE PLANS OR SPECIFICATIONS DESCRIBE PORTIONS OF THE WORK IN GENERAL TERMS BUT NOT COMPLETE DETAIL, IT IS UNDERSTOOD THAT ONLY THE BEST GENERAL PRACTICE IS TO PREVAIL AND THAT ONLY MATERIALS AND WORKMANSHIP OF THE BEST QUALITY ARE TO BE USED.

IT IS INTENDED THAT THESE PLANS AND SPECIFICATIONS REQUIRE ALL LABOR AND MATERIALS NECESSARY AND PROPER FOR THE WORK CONTEMPLATED AND THAT THE WORK BE COMPLETED IN ACCORDANCE WITH THEIR TRUE INTENT AND PURPOSE. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IMMEDIATELY REGARDING ANY DISCREPANCIES OR AMBIGUITIES WHICH MAY EXIST IN THE PLANS OR SPECIFICATIONS. THE ENGINEER'S INTERPRETATION THEREOF SHALL BE CONCLUSIVE.

THE CONTRACTOR SHALL BE SKILLED AND REGULARLY ENGAGED IN THE GENERAL CLASS AND TYPE OF WORK CALLED FOR IN THE PROJECT PLANS AND SPECIFICATIONS. THEREFORE, THE OWNER IS RELYING UPON THE EXPERIENCE AND EXPERTISE OF THE CONTRACTOR. IT SHALL BE EXPECTED THAT PRICES PROVIDED WITHIN THE CONTRACT DOCUMENTS SHALL INCLUDE ALL LABOR AND MATERIALS NECESSARY AND PROPER FOR THE WORK CONTEMPLATED. THE CONTRACTOR SHALL BE COMPETENT, KNOWLEDGEABLE AND HAVE SPECIAL SKILLS ON THE NATURE, EXTENT AND INHERENT CONDITIONS OF THE WORK TO BE PERFORMED. CONTRACTOR SHALL ALSO ACKNOWLEDGE THAT THERE ARE CERTAIN PECULIAR AND INHERENT CONDITIONS EXISTENT IN THE CONSTRUCTION OF THE PARTICULAR FACILITIES, WHICH MAY CREATE, DURING THE CONSTRUCTION PROGRAM, UNUSUAL OR PECULIAR UNSAFE CONDITIONS HAZARDOUS TO PERSONS, PROPERTY AND THE ENVIRONMENT. CONTRACTOR SHALL BE AWARE OF SUCH PECULIAR RISKS AND HAVE THE SKILL AND EXPERIENCE TO FORESEE AND TO ADOPT PROTECTIVE MEASURES TO ADEQUATELY AND SAFELY PERFORM THE CONSTRUCTION WORK WITH RESPECT TO SUCH HAZARDS.

THE CONTRACTOR SHALL, AT THE TIME OF BIDDING, AND, THROUGHOUT THE PERIOD OF THE CONTRACT, BE LICENSED IN THE STATE OF UTAH AND SHALL BE BONDABLE FOR AN AMOUNT EQUAL TO OR GREATER THAN THE AMOUNT BID AND TO DO THE TYPE OF WORK CONTEMPLATED IN THE PLANS AND SPECIFICATIONS.

CONTRACTOR SHALL INSPECT THE SITE OF THE WORK PRIOR TO BIDDING TO SATISFY THEMSELVES BY PERSONAL EXAMINATION OR BY SUCH OTHER MEANS AS THEY MAY PREFER, OF THE LOCATION OF THE PROPOSED WORK, AND OF THE ACTUAL CONDITIONS OF AND AT THE SITE OF WORK. IF, DURING THE COURSE OF THEIR EXAMINATION, A BIDDER FINDS FACTS OR CONDITIONS WHICH APPEAR TO THEM TO BE IN CONFLICT WITH THE LETTER OR SPIRIT OF THE PROJECT PLANS AND SPECIFICATIONS, THEY SHALL CONTACT THE ENGINEER FOR ADDITIONAL INFORMATION AND EXPLANATION BEFORE SUBMITTING THEIR BID. AWARDING THE CONTRACT TO THE CONTRACTOR AND THE CONTRACTOR SIGNING SAID CONTRACT SHALL CONSTITUTE ACKNOWLEDGEMENT THAT THE CONTRACTOR RELIED AND ARE RELYING ON THEIR OWN EXAMINATION OF (1) THE SITE OF THE WORK, (2) ACCESS TO THE SITE, AND (3) ALL OTHER DATA AND MATTERS REQUISITE TO THE FULFILLMENT OF THE WORK AND ON THEIR OWN KNOWLEDGE OF EXISTING FACILITIES ON AND IN THE VICINITY OF THE SITE OF THE WORK TO BE CONSTRUCTED UNDER THIS CONTRACT. THE INFORMATION PROVIDED BY THE OWNER OR THE ENGINEER IS NOT INTENDED TO BE A SUBSTITUTE FOR, OR A SUPPLEMENT TO THE INDEPENDENT VERIFICATION BY THE CONTRACTOR TO THE EXTENT SUCH INDEPENDENT INVESTIGATION OF SITE CONDITIONS IS DEEMED NECESSARY OR DESIRABLE BY THE CONTRACTOR. THE CONTRACTOR SHALL ACKNOWLEDGE THAT THEY HAVE NOT RELIED SOLELY UPON OWNER OR ENGINEER FURNISHED INFORMATION REGARDING SITE CONDITIONS IN PREPARING AND SUBMITTING THEIR BID.

THE CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE ALL WATER, POWER, SANITARY FACILITIES AND TELEPHONE SERVICES AS REQUIRED FOR THE CONTRACTOR'S USE DURING CONSTRUCTION.

THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ANY FIELD CHANGES MADE WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE OWNER,

ENGINEER, AND/OR ANY REGULATORY AGENCY.

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.

- WORK IN EASEMENT AND/OR RIGHTS-OF-WAY SHALL BE SUBJECT TO THE APPROVAL AND ACCEPTANCE OF THE REGULATORY AGENCY RESPONSIBLE FOR OPERATION AND/OR MAINTENANCE OF SAID EASEMENT AND/OR RIGHTS-OF-WAY.
- ALL CONSTRUCTION WILL CONFORM TO THE MOST CURRENT APWA MANUAL OF STANDARD PLANS AND SPECIFICATIONS AND AASHTO, ASTM, AWWA, AND MUTCD STANDARDS, HIGHLAND CITY STANDARDS AND SPECIFICATIONS. WHERE CONFLICTS ARISE, THE MOST STRINGENT CODE WILL APPLY.
- CONTRACTOR SHALL ATTEND ALL PRECONSTRUCTION, CONSTRUCTION CONFERENCES AND WEEKLY MEETINGS.

PUBLIC INVOLVEMENT

HIGHLAND CITY WILL PROVIDE THE CONTRACTOR ANY PERMITS TO ENTER AND CONSTRUCT AS NECESSARY TO PERFORM THE WORK AS DOCUMENTED IN THE PLANS. THE CONTRACTOR WILL BE RESPONSIBLE FOR ACQUIRING ANY ADDITIONAL PERMITS MADE NECESSARY BY ANY CHANGES TO THE PLANS AFTER CONSTRUCTION BEGINS.

PRIOR TO BEGINNING THE WORK, THE CONTRACTOR SHALL OBTAIN ANY/ALL WRITTEN AGREEMENTS FOR INGRESS AND EGRESS TO THE WORK SITE FROM ADJACENT PRIVATE PROPERTY OWNERS. A COPY OF ALL AGREEMENTS SHALL BE PROVIDED TO HIGHLAND CITY. ACCESS TO ANY ADJACENT PRIVATE PROPERTY SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD.

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.

PLANS

CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING QUANTITIES OF ALL MATERIALS FOR BIDDING AND INSTALLATION PURPOSES. IF DISCREPANCIES EXIST, THE PLAN SHALL DICTATE QUANTITIES TO BE USED.

IN CASE OF DISCREPANCY BETWEEN SCALED AND FIGURED DIMENSIONS, FIGURED DIMENSIONS SHALL GOVERN.

IF FOR ANY REASON PROPOSED FACILITIES CANNOT BE CONSTRUCTED IN ACCORDANCE WITH APPROVED PLANS, CONTRACTOR SHALL IMMEDIATELY INFORM CONSTRUCTION INSPECTOR AND SHALL NOT BEGIN OR CONTINUE WORK ON THOSE ITEMS. IF THE CONSTRUCTION MANAGEMENT TEAM DETERMINES PLAN REVISIONS ARE NECESSARY, NO WORK SHALL BE PERFORMED ON THE ITEM(S) IN QUESTION UNTIL REVISED PLANS ISSUED BY THE DESIGN ENGINEER ARE APPROVED AND ISSUED FOR CONSTRUCTION BY HIGHLAND CITY PUBLIC WORKS.

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.

CONSTRUCTION LIMITS

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.



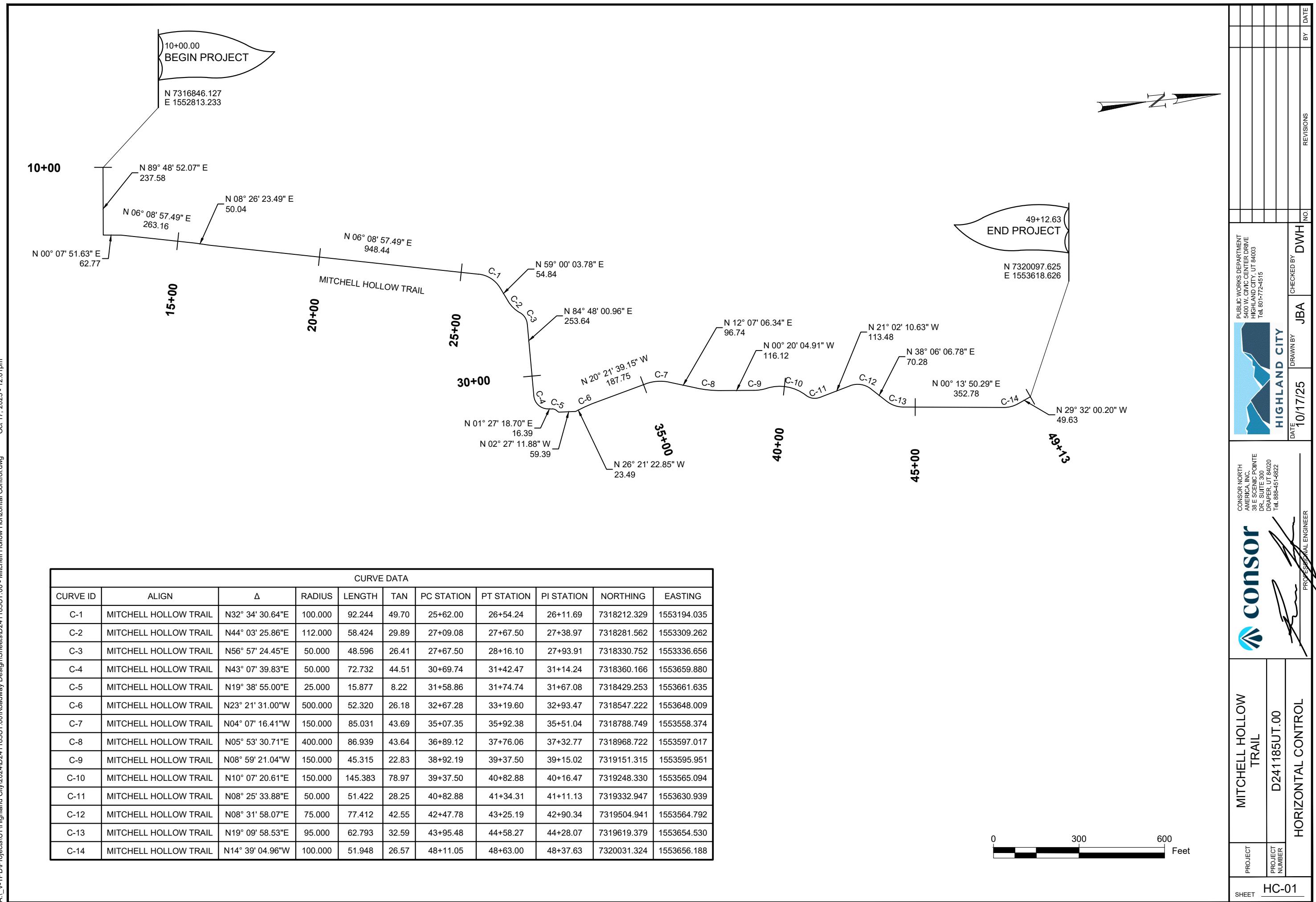
PUBLIC WORKS DEPARTMENT
5400 W. CIVIC CENTER DRIVE
HIGHLAND CITY, UT 84003
Tel. 801-772-4515

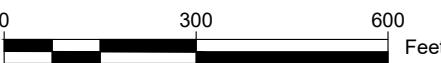
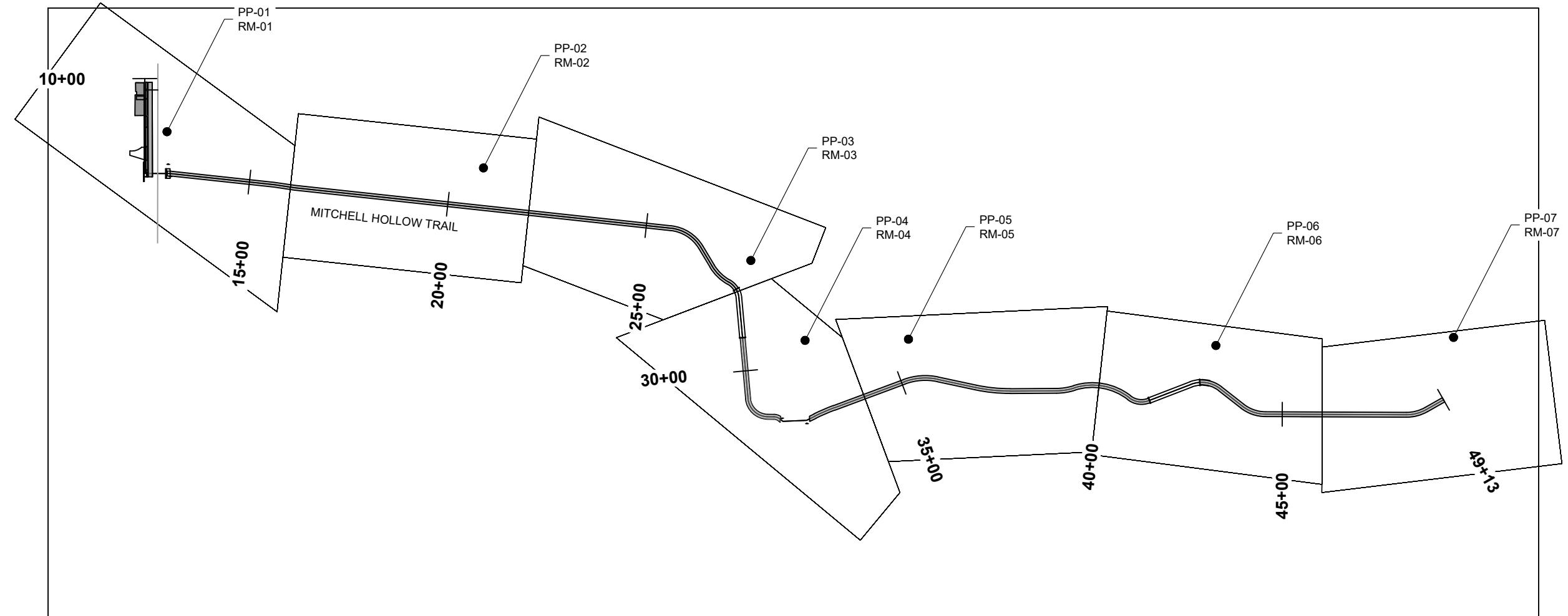
CONSOR NORTH
AMERICA, INC.
38 E SCENIC POIN
DR., SUITE 300
DRAPER, UT 84020

consonor

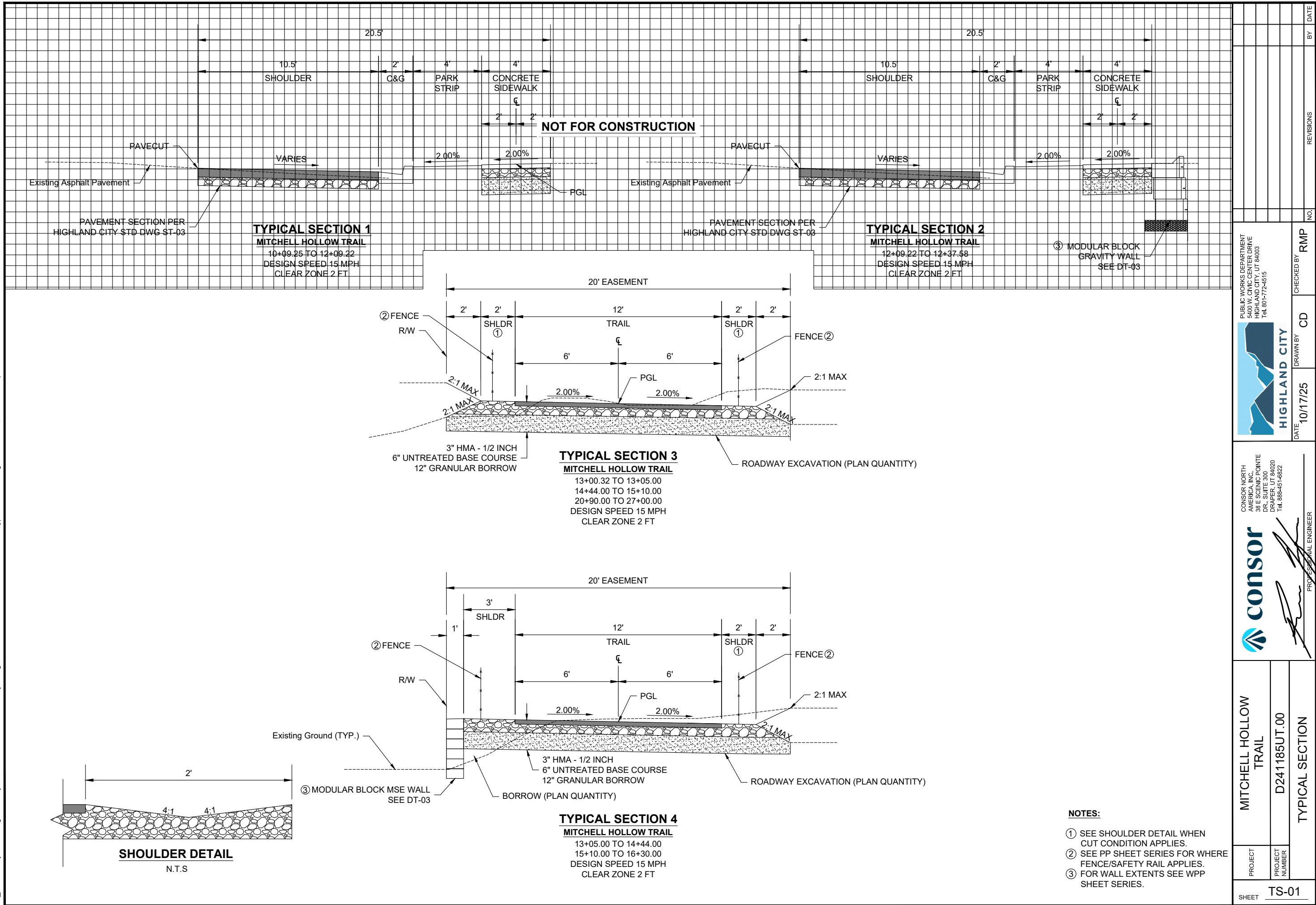
MITCHELL HOLLOW TRAIL

SHEET G

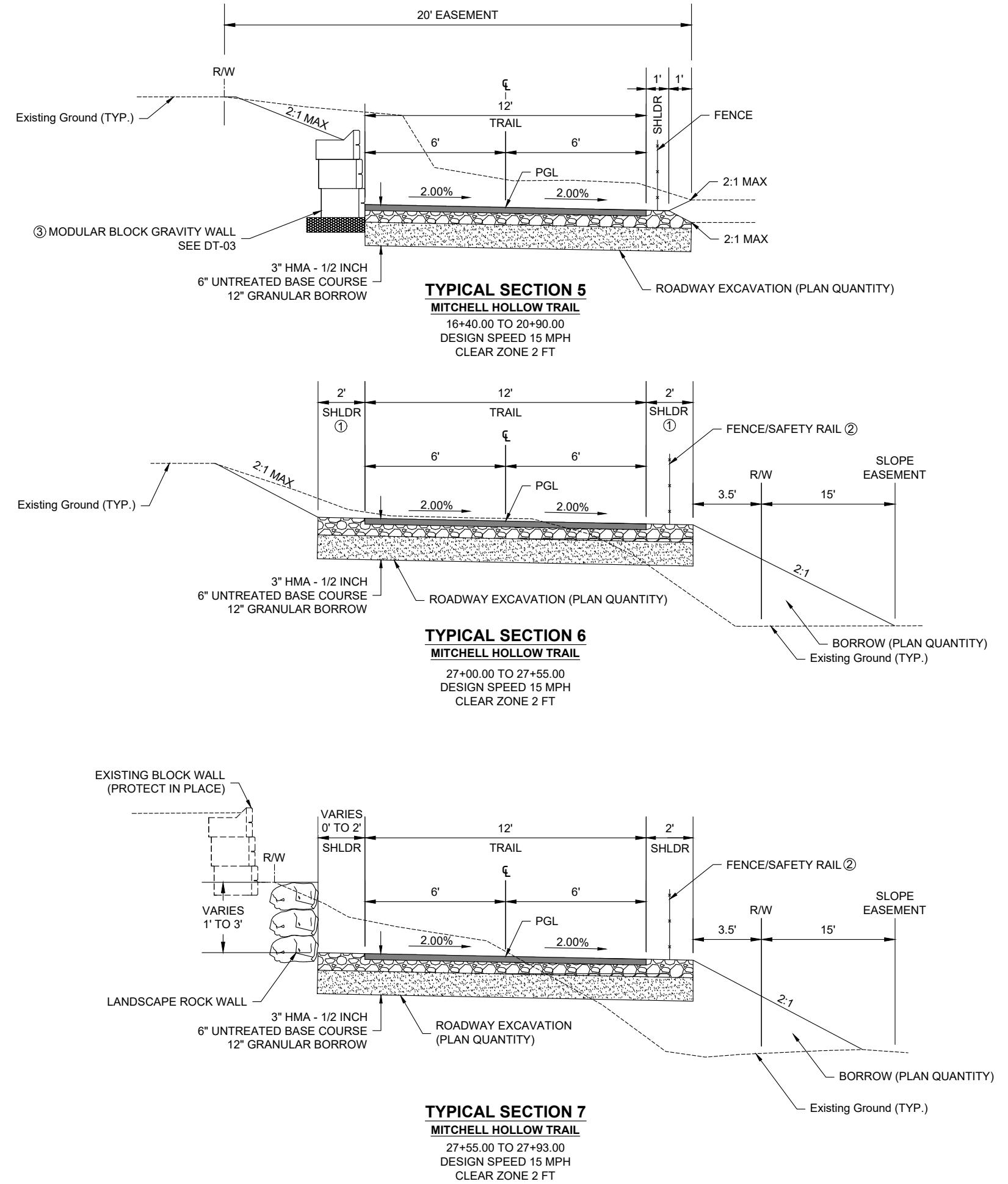




PROJECT		MITCHELL HOLLOW TRAIL		CONSOR		PUBLIC WORKS DEPARTMENT	
PROJECT NUMBER	CR-01	PROJECT NUMBER	D241185UT.00	CONTRACTOR	JBA	REVISIONS	BY DATE
5400 W. CIVIC CENTER DRIVE HIGHLAND CITY, UT 84003 Tel: 801-772-4515			HIGHLAND CITY				



V-TPDI\Projects\UT\Highland City\2024D\241185UT.00\Roadway Design\Sheets\D241185UT.00 - Mitchell Hollow Typical Section.dwg Oct 17, 2025 - 12:02pm



OTES:

- 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.

MITCHELL HOLLOW
TRAIL
D241185UT.00
TYPICAL SECTION

consor

AMERICA, INC.
38 E SCENIC POINT
DR., SUITE 300
DRAPE, UT 84020
Tel: 888-451-6822

CHANGED

AMERICA, INC.
38 E SCENIC POINT
DR, SUITE 300
DRAPE, UT 84020
TEL. 888-451-8822



HIGHLAND CIT

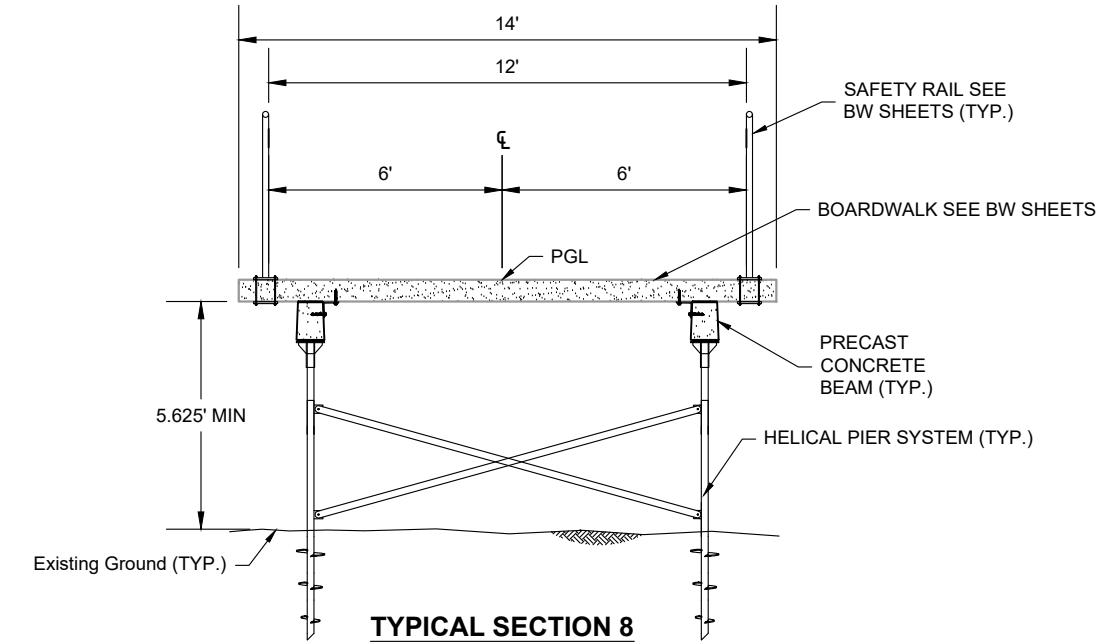
5400 W. CIVIC CENTER DRIVE
HIGHLAND CITY, UT 84003
Tel. 801-772-4515

DISCUSSION

HIGHLAND CITY		5400W CIVIC CENTER DRIVE		
		HIGHLAND CITY, UT 84003		
		Tel. 001-772-4515		
DATE	10/17/25	DRAWN BY	CD	CHECKED BY
REVISIONS		REVISIONS		RMP

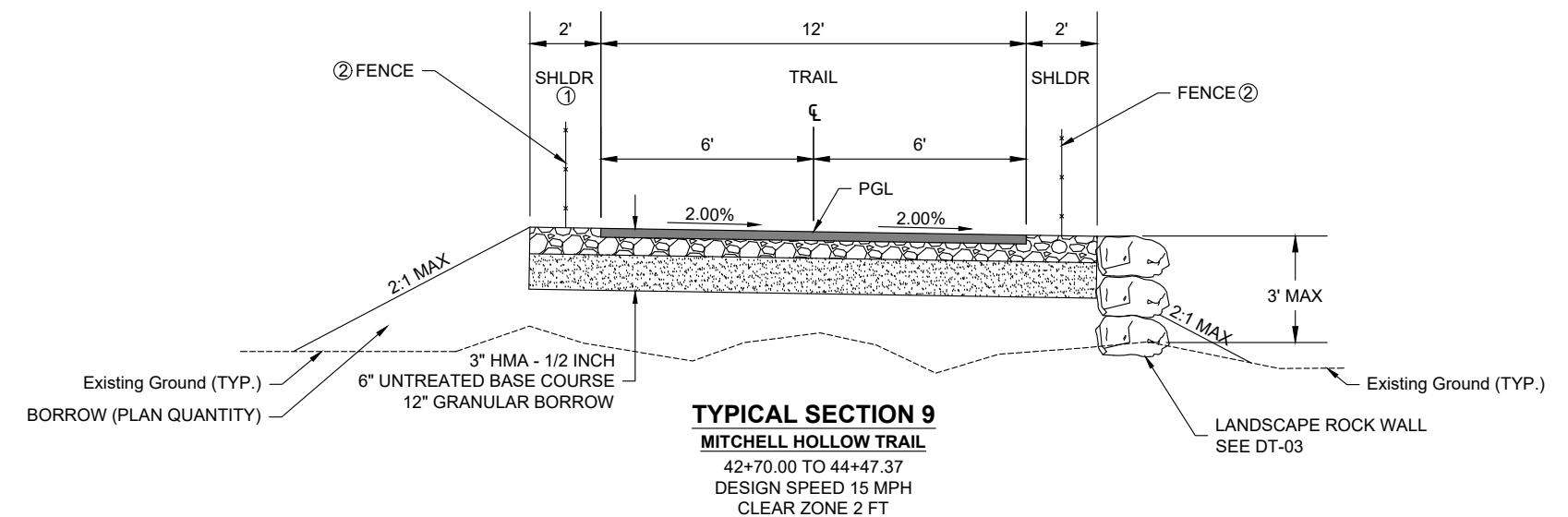
Oct 17, 2025 - 12:02pm

A:\V-TDP\Projects\UT\Highland City\2024\DesignSheets\Roadway Design\Sheets\D241185UT.00 - Mitchell Hollow Trail



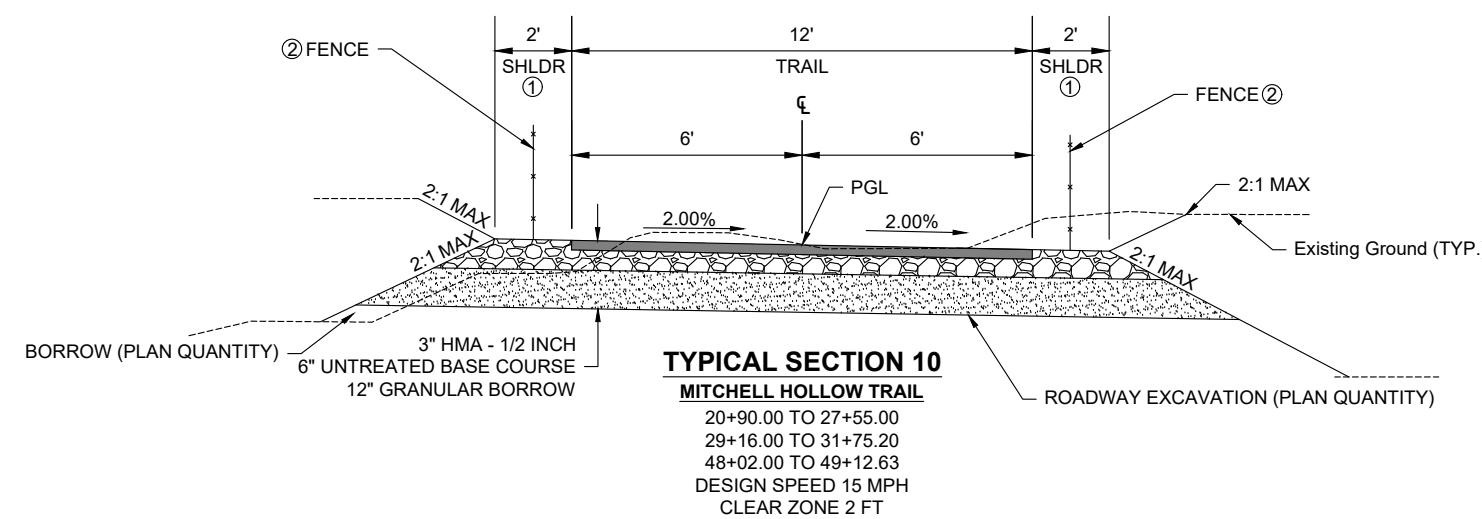
TYPICAL SECTION 8
MITCHELL HOLLOW TRAIL

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



TYPICAL SECTION 9
MITCHELL HOLLOW TRAIL

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



TYPICAL SECTION 10
MITCHELL HOLLOW TRAIL

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

NOTES:

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

REVISIONS
NO.
RMP
CD
DRAWN BY
HIGHLAND CITY

PUBLIC WORKS DEPARTMENT
HIGHLAND CITY, UT 84003
Tel: 801-772-4515

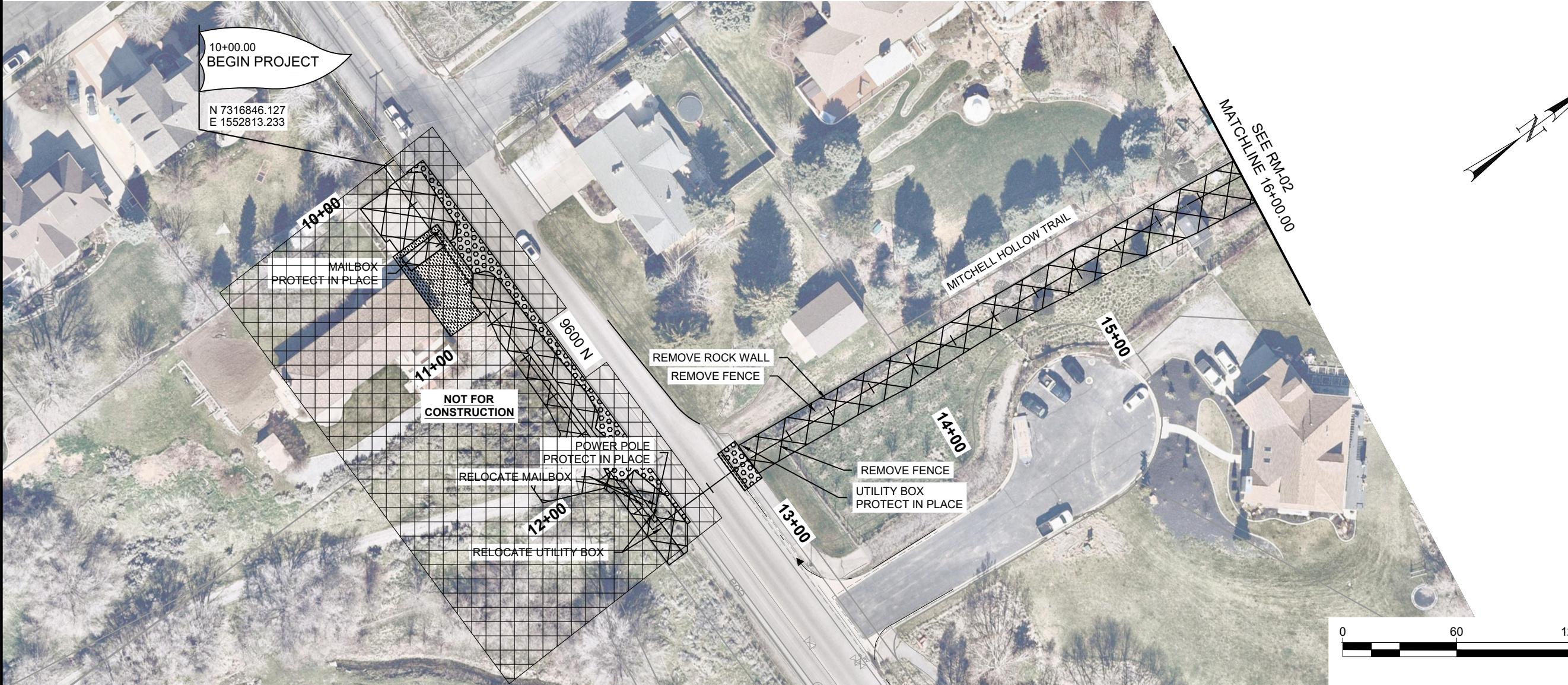


CONSOR
AMERICA, INC.
38 E. SCENIC POINTE
DR., SUITE 200
DRAFTER, UT 84020
Tel: 888-451-8622

PROFESSIONAL ENGINEER
CONSOR
PROFESSIONAL ENGINEER
CONSOR

MITCHELL HOLLOW TRAIL
D241185UT.00
TYPICAL SECTION

TS-03

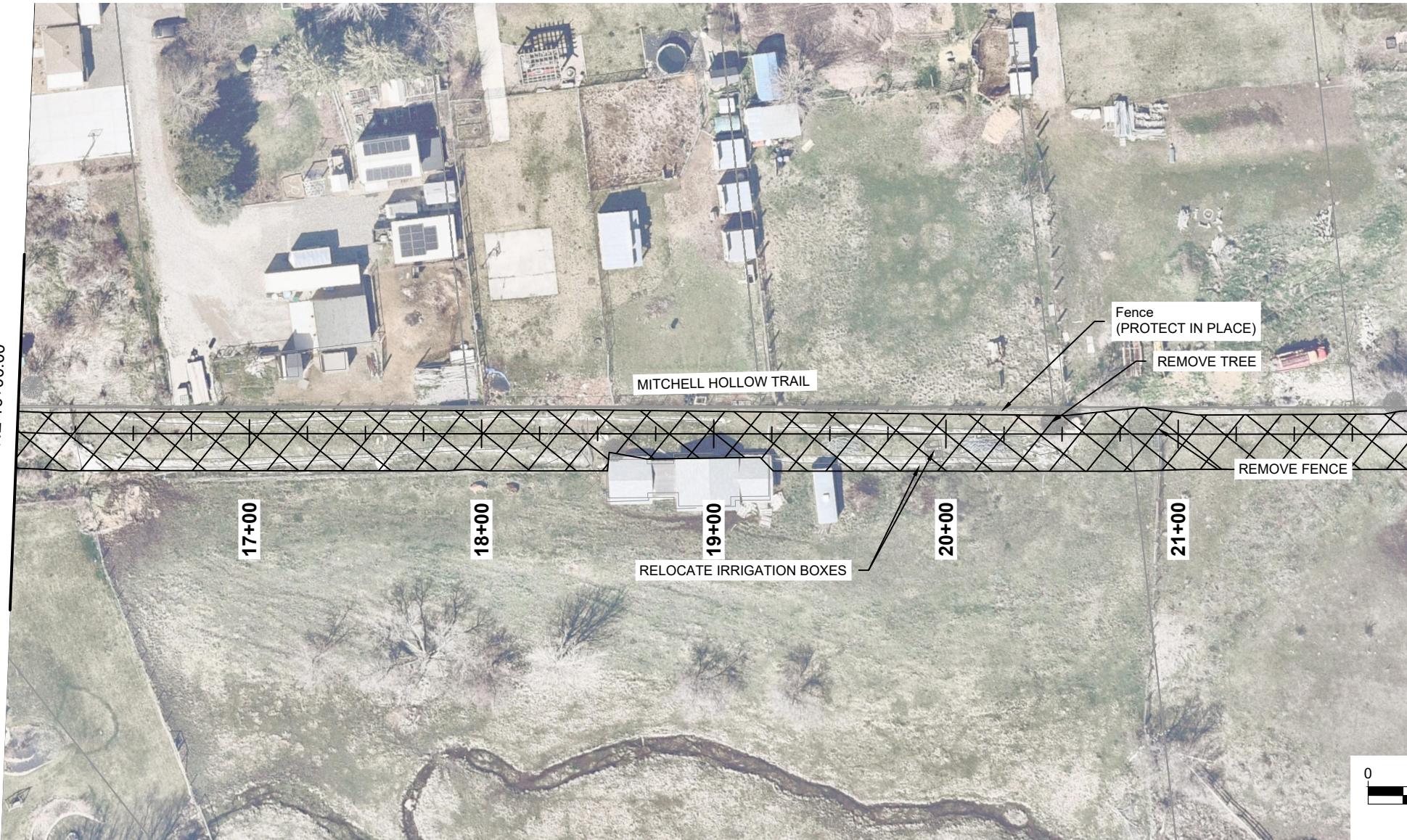
**LEGEND**

- CLEARING AND GRUBBING
- REMOVE ASPHALT
- REMOVE CONCRETE

NOTES:

1. LUMEN NOTES:
 - 1.1 LUMEN EMERGENCY CONTACT: SIGFREDO MARTINEZ (SIGFREDO.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.

PROJECT NUMBER		D241185UT.00		REMOVAL	
SHEET		RM-01			
DRAWN BY		JBA		CHECKED BY DW/H	
DATE		10/17/25		NO. BY DATE	
REVISIONS					
BY					
HIGHLAND CITY					
CONSOR					
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SEE RM-01
MATCHLINE 16+00.00LEGEND

- CLEARING AND GRUBBING
- REMOVE ASPHALT
- REMOVE CONCRETE

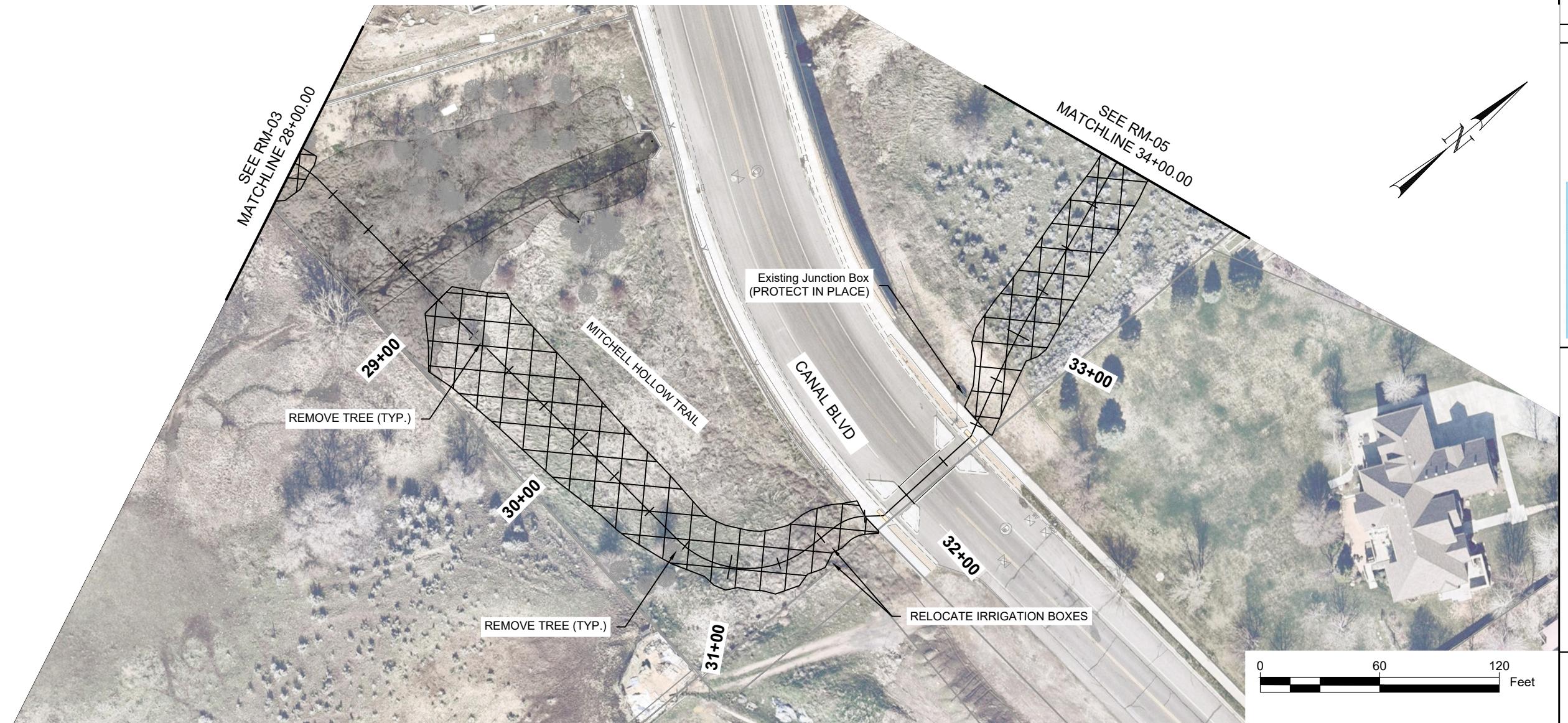
PROJECT		MITCHELL HOLLOW TRAIL		REMOVAL	
PROJECT NUMBER	D241185UT.00	DRAWN BY	JBA	CHECKED BY	DWH
REVISIONS	0	DATE	10/17/25	BY	DATE
CONSOR NORTH AMERICA, INC. 38 E SCENIC POINTE DR, SUITE 300 DRAPER, UT 84020 Tel: 888-451-6822		PROFESSIONAL ENGINEER 			
PUBLIC WORKS DEPARTMENT 5400 W. CIVIC CENTER DRIVE HIGHLAND CITY, UT 84003 Tel: 801-772-4515		HIGHLAND CITY			



LEGEND

-  CLEARING AND GRUBBING
-  REMOVE ASPHALT
-  REMOVE CONCRETE

		CONSOIR NORTH AMERICA, INC. 38 E. SCENIC POINTE DR., SUITE 300 DRAFTER, UT 84020 Tel. 888-451-4822	
PROJECT NUMBER	MITCHELL HOLLOW TRAIL	PROJECT NUMBER	D241185UT.00
REMOVAL		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
		CHECKED BY DWH	REVISIONS NO.
			BY DATE

**LEGEND**

- CLEARING AND GRUBBING
- REMOVE ASPHALT
- REMOVE CONCRETE

PROJECT	MITCHELL HOLLOW TRAIL	conisor	DATE
PROJECT NUMBER	D241185UT.00	PROFESSIONAL ENGINEER	10/17/25
REMOVAL		DRAWN BY	JBA
SHEET	RM-04	REVISIONS	BY
			DATE

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

HIGHLAND CITY

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

PROFESSIONAL ENGINEER



LEGEND

-  CLEARING AND GRUBBING
-  REMOVE ASPHALT
-  REMOVE CONCRETE

PROJECT		MITCHELL HOLLOW TRAIL	 consonor	CONSONOR NORTH AMERICA, INC. 38 E SCENIC POINTE DR. SUITE 300 DRAPER, UT 84020 Tel: 888-454-6822	PUBLIC WORKS DEPARTMENT 5400 W. CIVIC CENTER DRIVE HIGHLAND CITY, UT 84003 Tel: 801-772-4515			
PROJECT NUMBER	D241185UT.00	REMOVAL	HIGHLAND CITY	DATE 10/17/25	DRAWN BY JBA	CHECKED BY DWH	REVISIONS NO.	BY DATE
			<i>[Handwritten signatures]</i>	PROFESSIONAL ENGINEER				
SHEET RM-05								



PROJECT NUMBER	MITCHELL HOLLOW TRAIL	CONSOR	PUBLIC WORKS DEPARTMENT
PROJECT NUMBER	D241185UT.00	CONSOR NORTH AMERICA, INC.	5400 W. CIVIC CENTER DRIVE
	REMOVAL	DR., SUITE 300	HIGHLAND CITY, UT 84003
			Tel: 801-772-4515
			Tel: 888-451-6822
DATE	10/17/25	DRAWN BY JBA	CHECKED BY DW/H
REVISIONS		NO.	BY
DATE			DATE

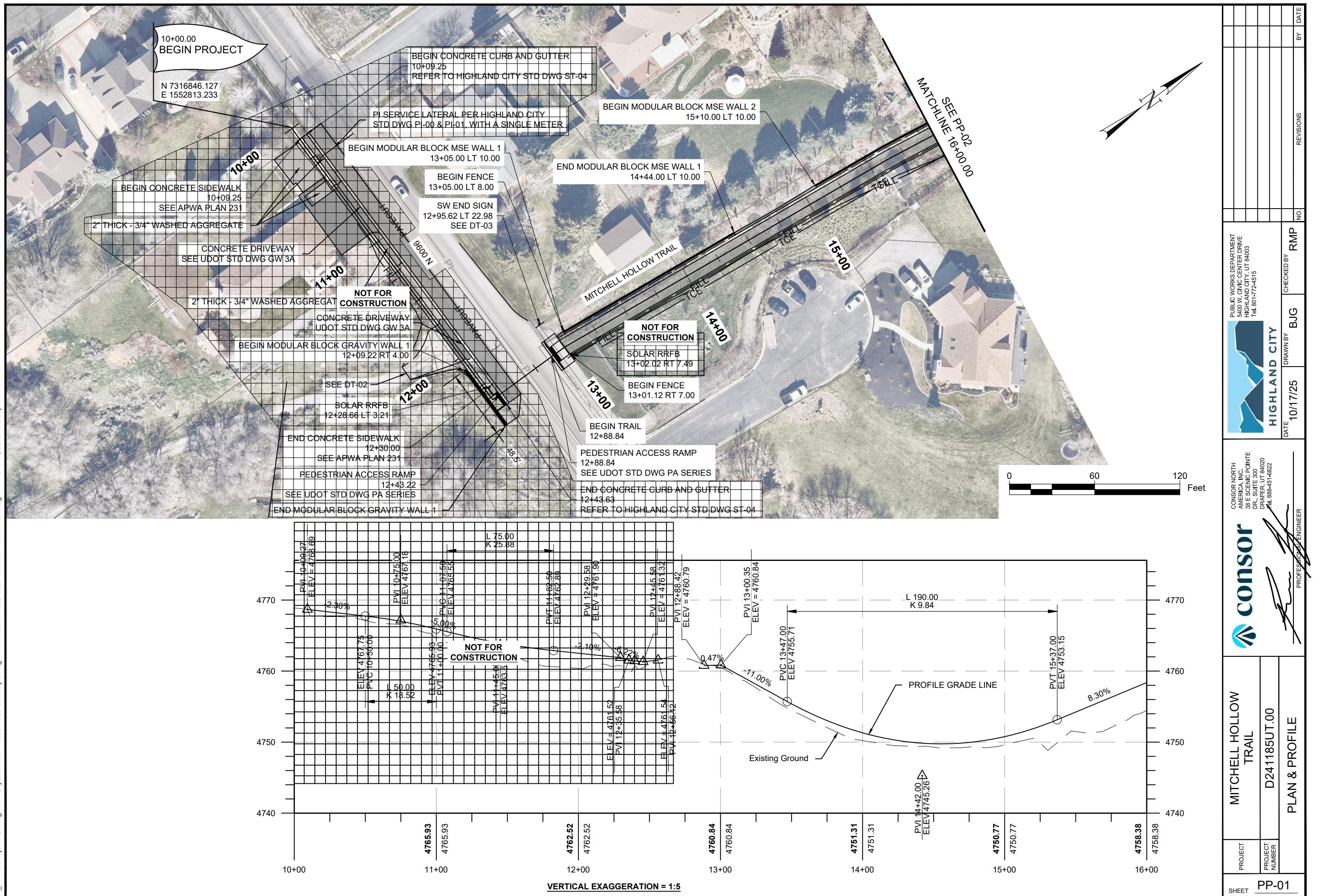
HIGHLAND CITY

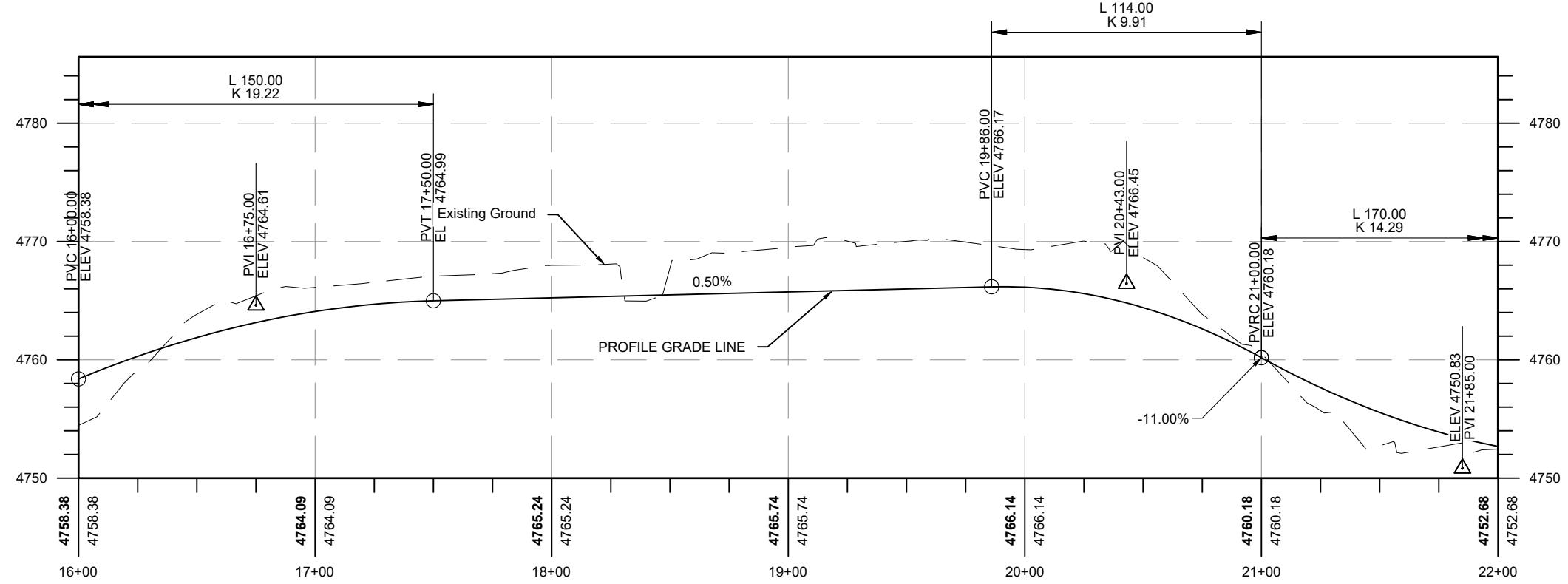
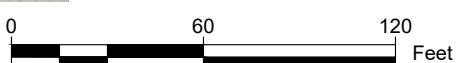
CONSOR

PROFESSIONAL ENGINEER

PROFESSIONAL ENGINEER

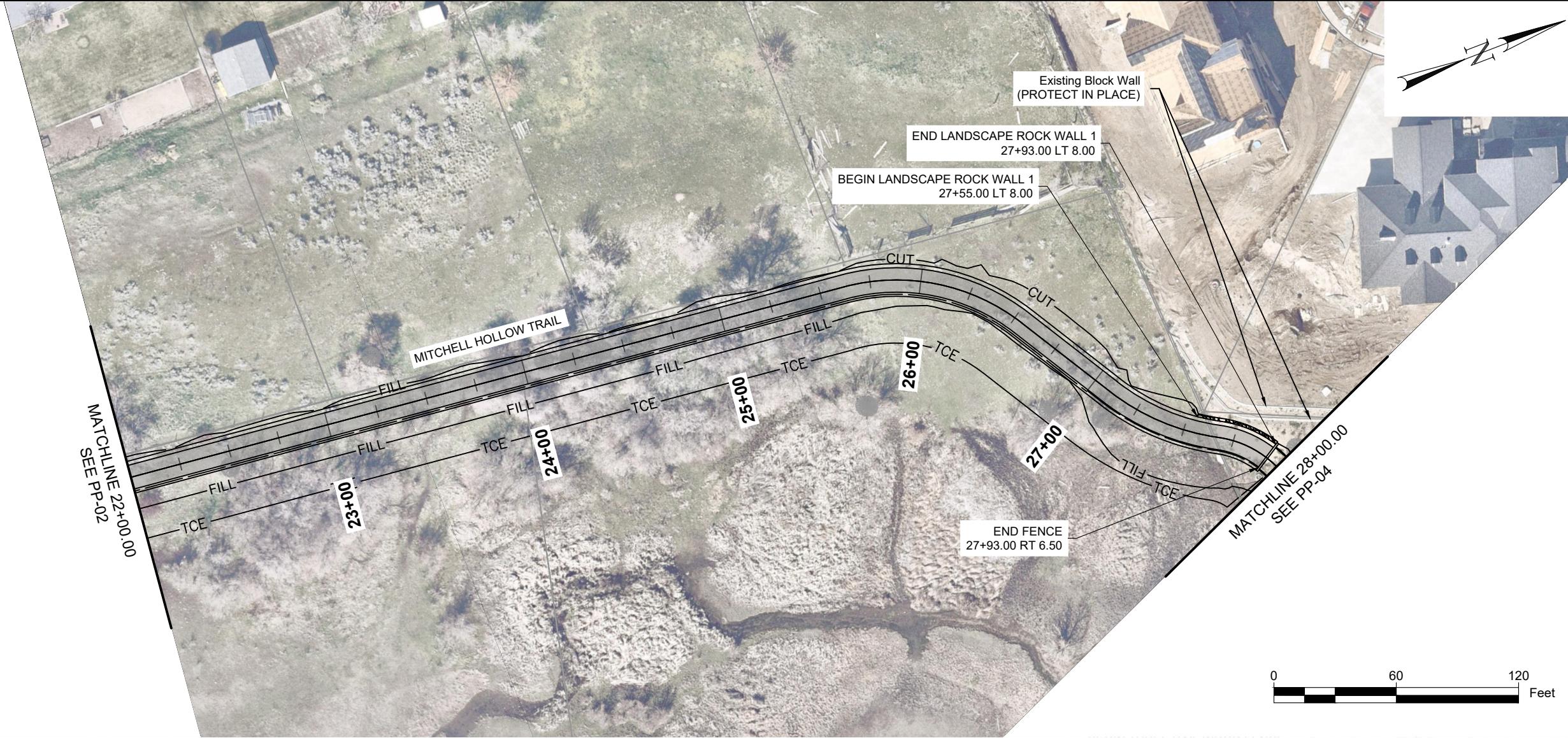
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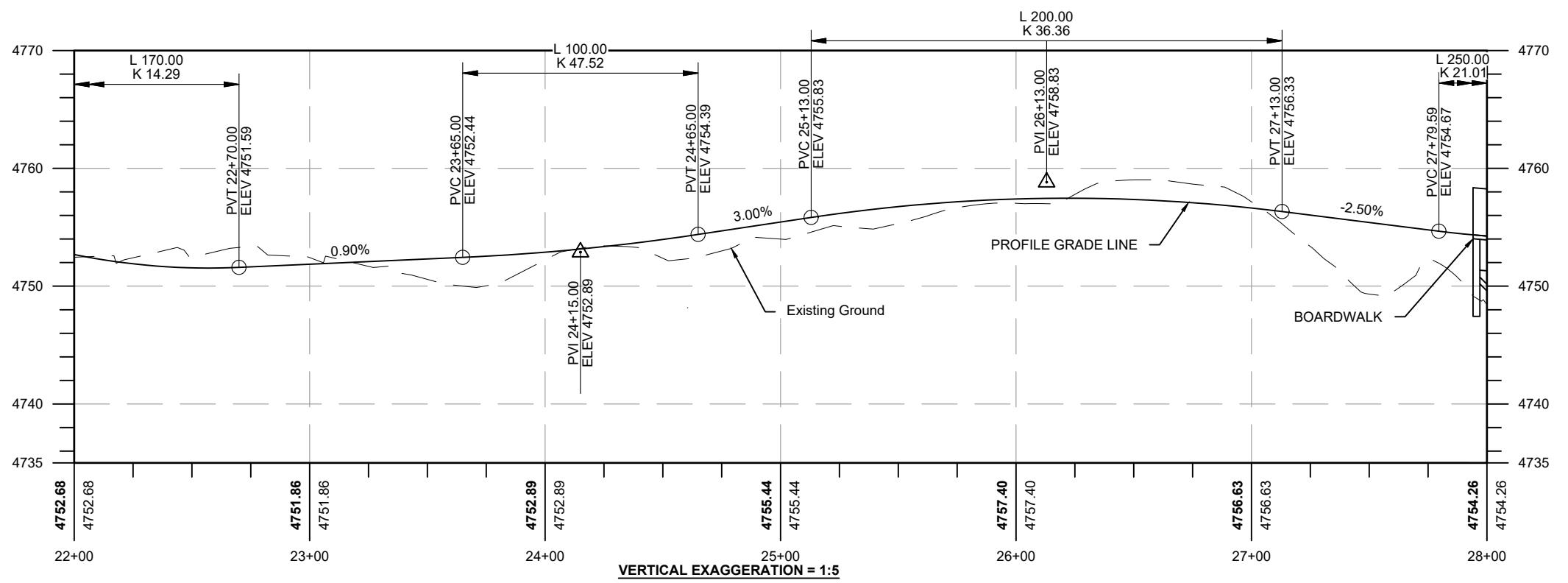


VERTICAL EXAGGERATION = 1:5

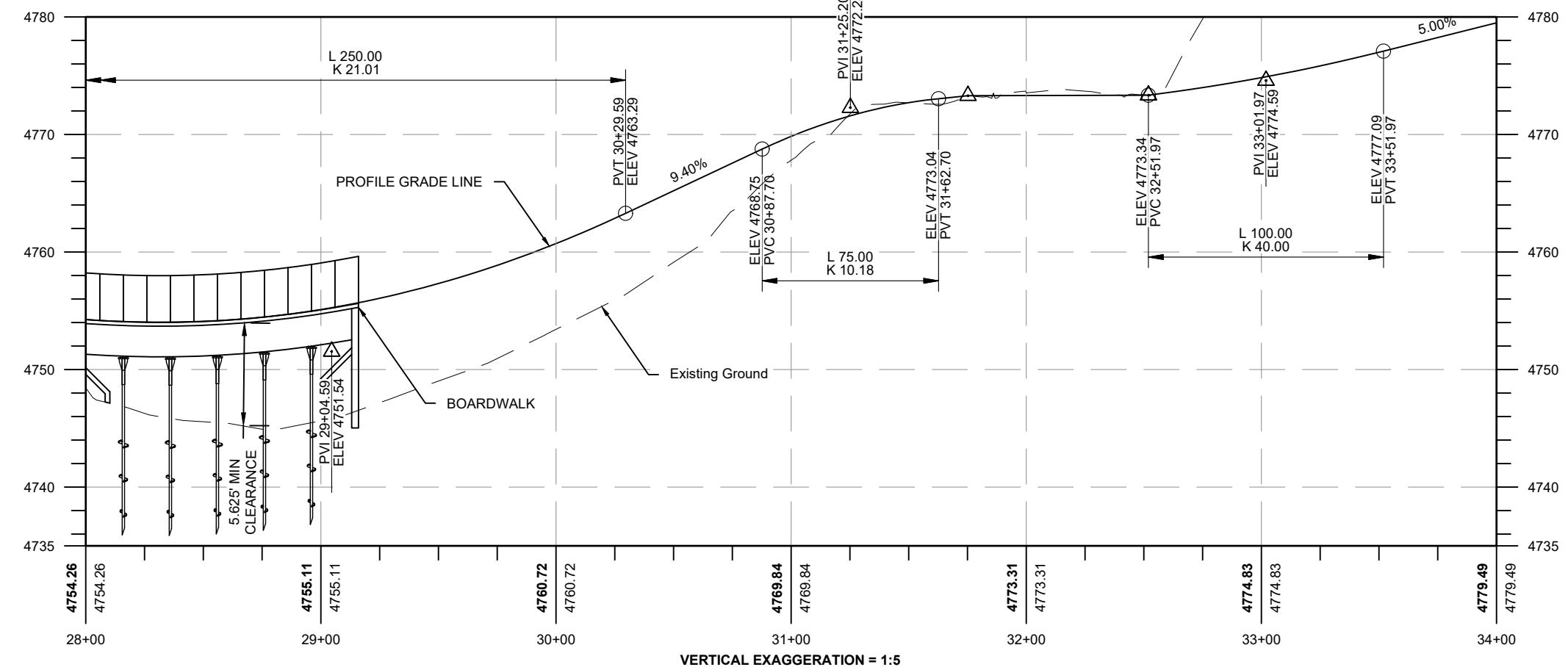
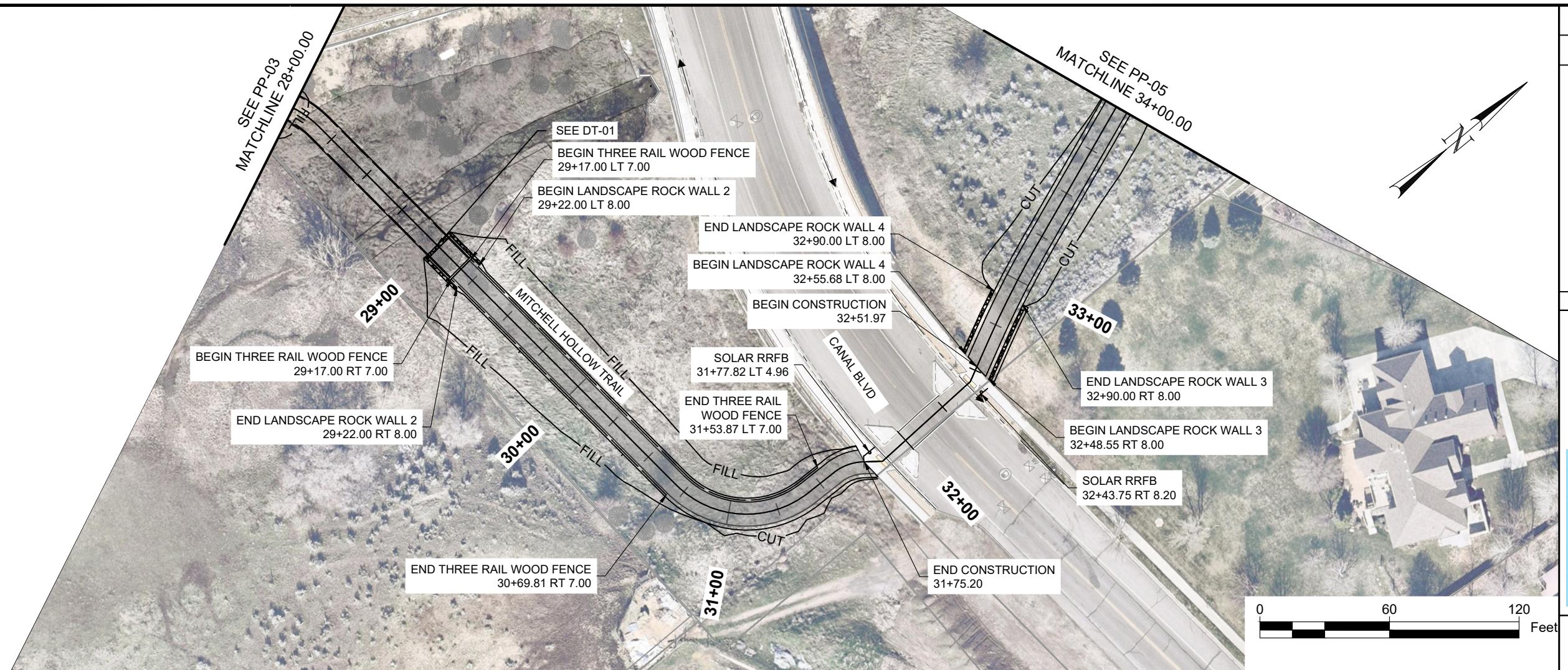
SHEET		PROJECT		CONTRACTOR		DRAWN BY		CHECKED BY		RMP	
PROJECT NUMBER	NAME	PROJECT NUMBER	NAME	CONTRACTOR	NAME	DATE	BY	REVISIONS	BY	DATE	
PP-02				HIGHLAND CITY							
				PUBLIC WORKS DEPARTMENT 5400 W. CIVIC CENTER DRIVE HIGHLAND CITY, UT 84003 Tel: 801-724-6156							
				CONSOR NORTH AMERICA, INC. 38 E. SCENIC POINTE DR., SUITE 300 DRAPER, UT 84020 Tel: 888-451-6822							
				PROFESSIONAL ENGINEER							



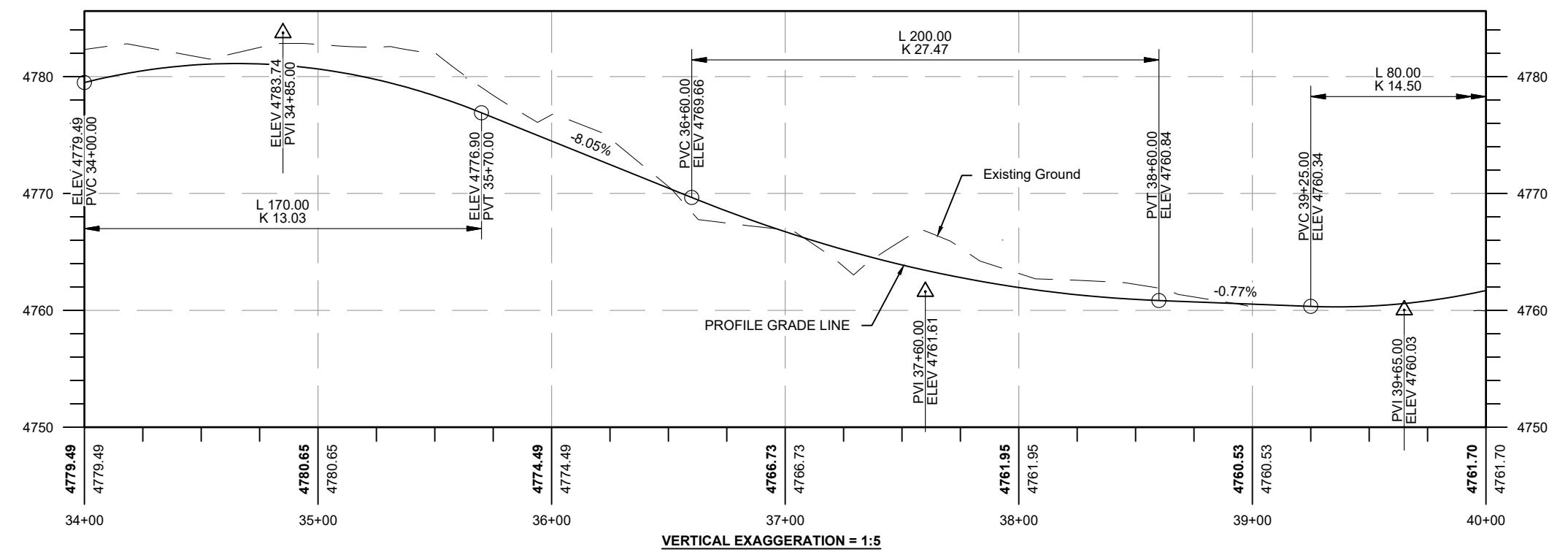
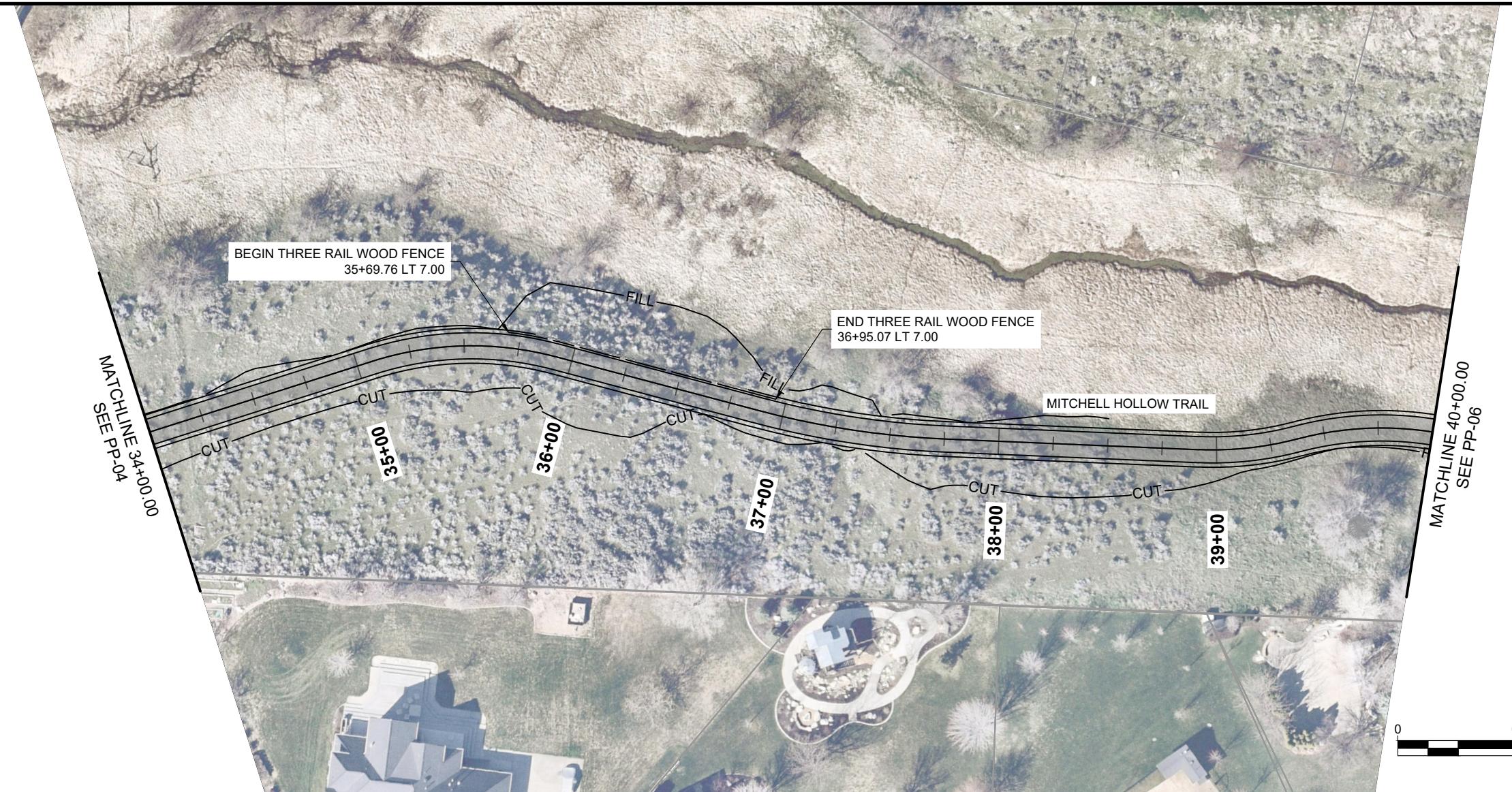
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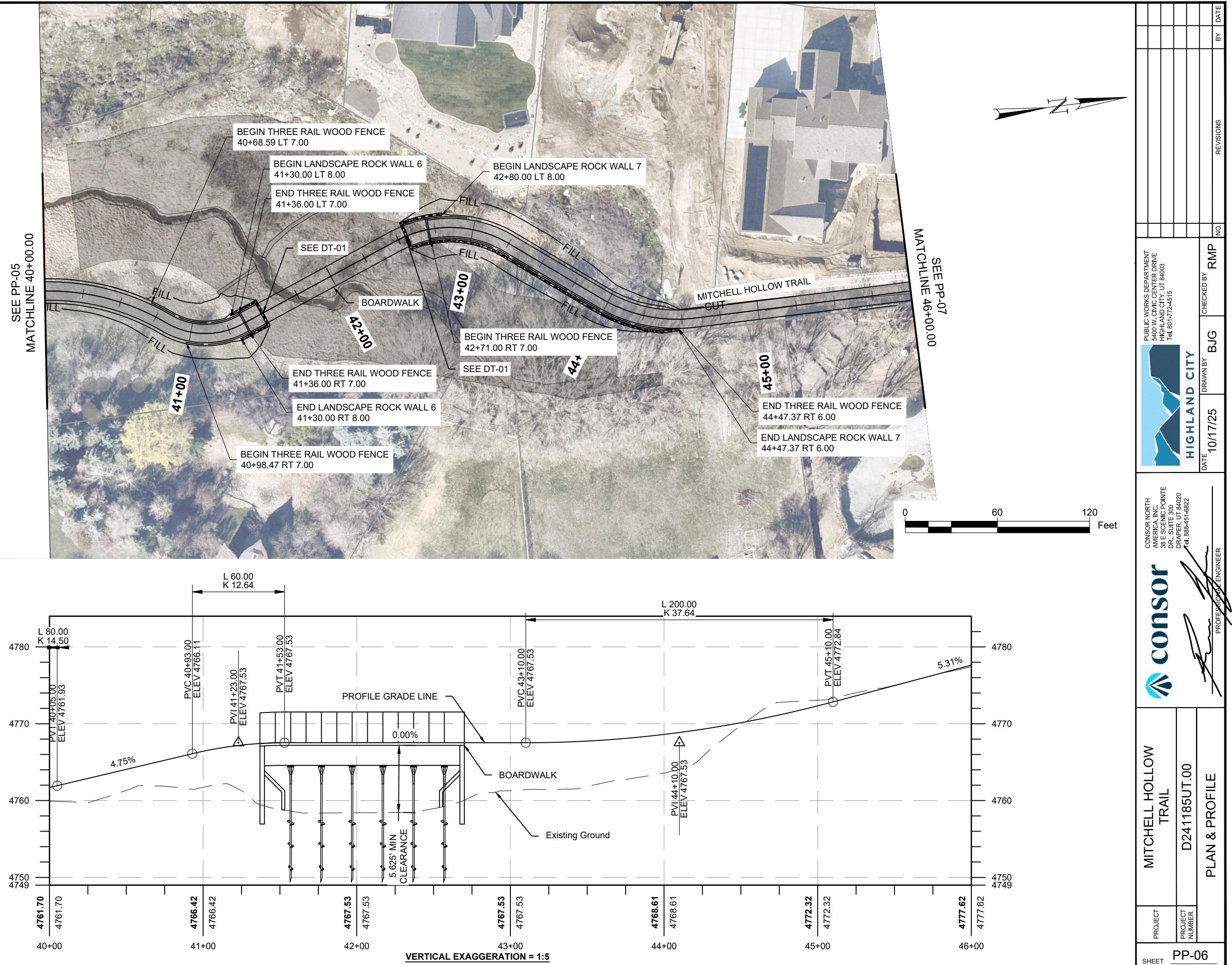
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PROJECT NUMBER	PP-03	PROJECT NUMBER	D241185UT.00	REVISIONS	BY	DATE	BY
CONSOR NORTH AMERICA, INC.	CONSOR	PUBLIC WORKS DEPARTMENT					
38 E SCENIC POINTE DR, SUITE 300 DRAPE, UT 84020		5400 W. CIVIC CENTER DRIVE					
TEL: 801-772-4515		TEL: 801-772-4515					

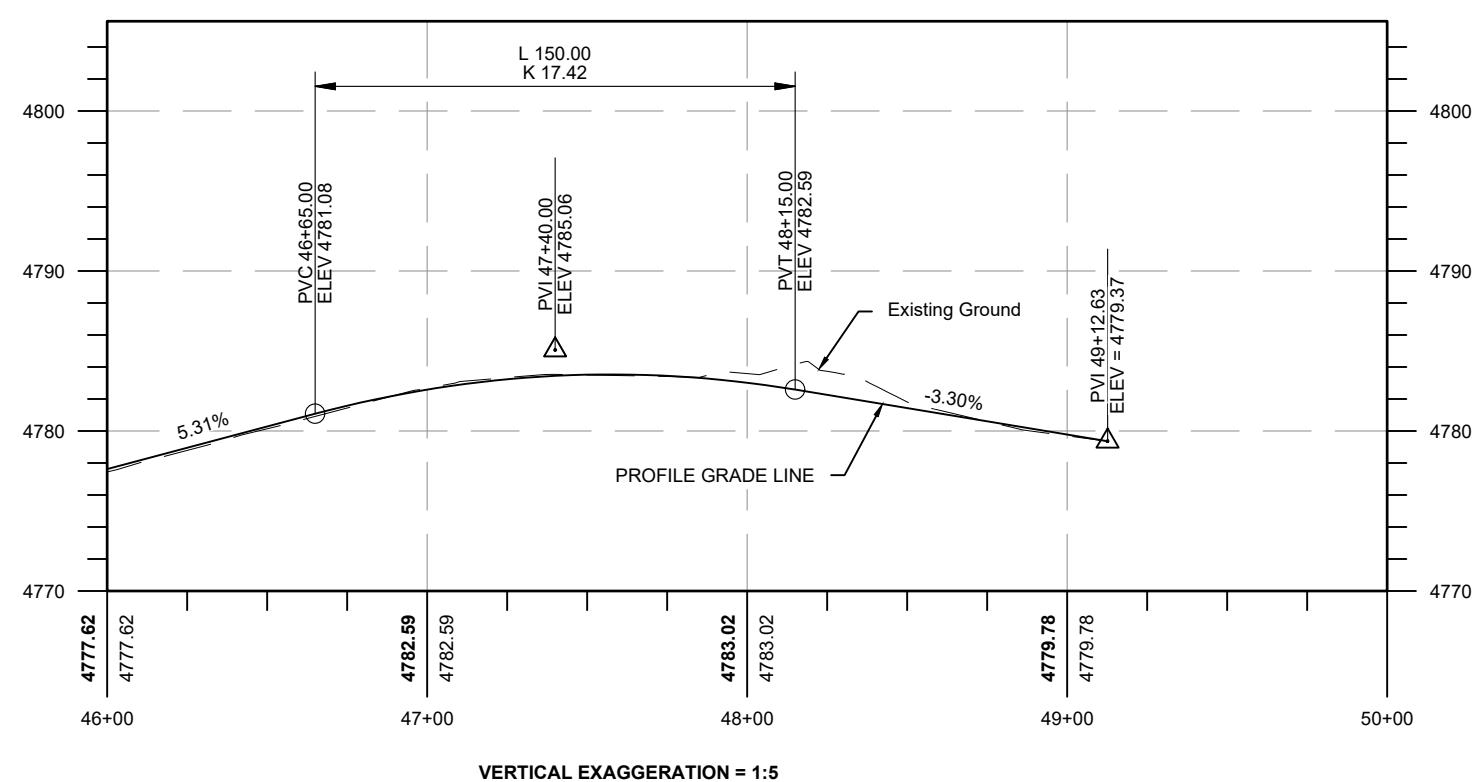
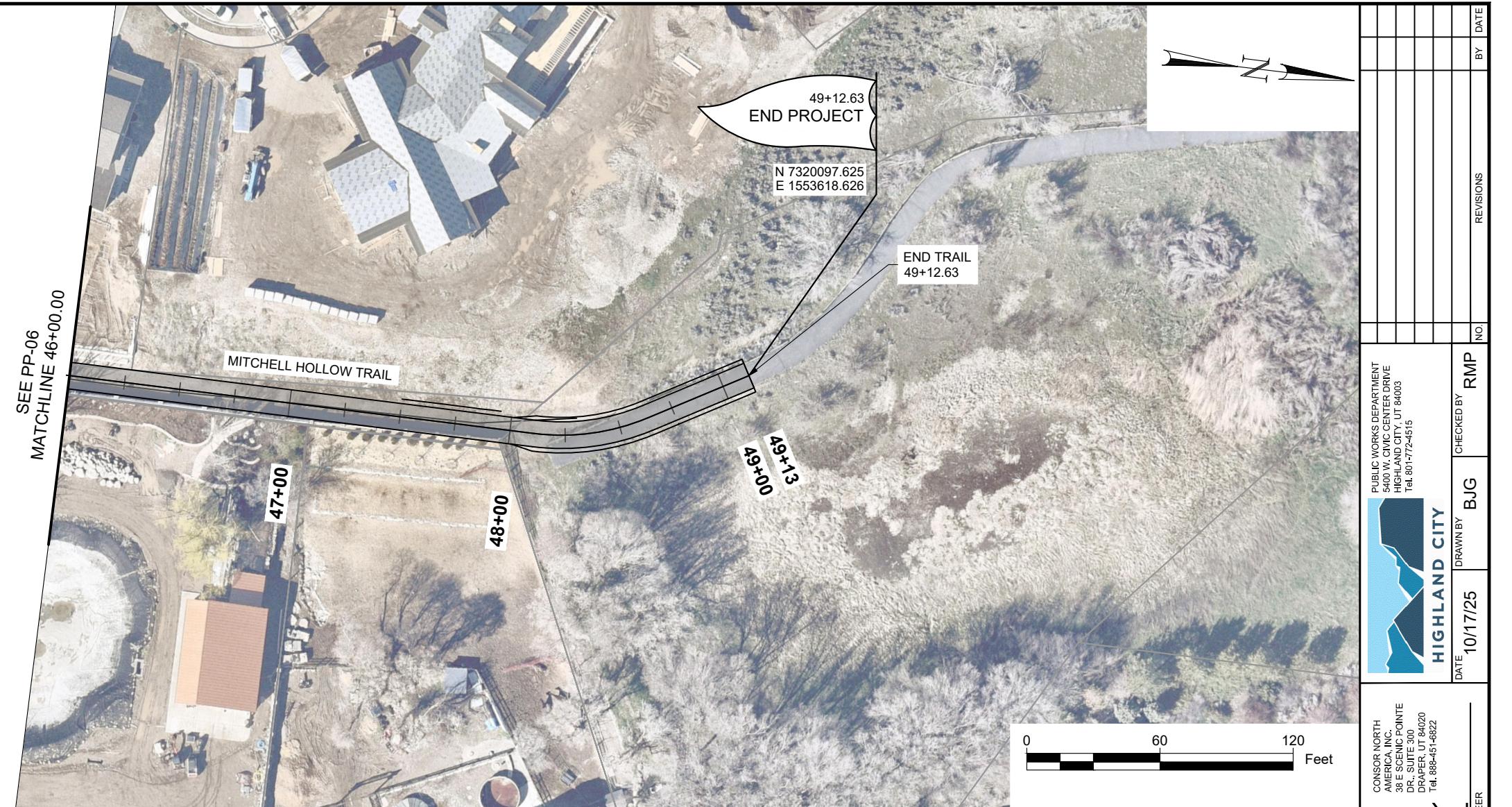


PROJECT		MITCHELL HOLLOW TRAIL		CONSOR	
PROJECT NUMBER	D241185UT.00	 CONSOR CONSOR NORTH AMERICA, INC. 38 E SCENIC POINTE DR, SUITE 300 DRAPE, UT 84020 Tel. 888-451-6822		 HIGHLAND CITY PUBLIC WORKS DEPARTMENT 5400 W, CIVIC CENTER DRIVE HIGHLAND CITY, UT 84003 Tel. 801-772-4515	
PLAN & PROFILE		 PROFESSIONAL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

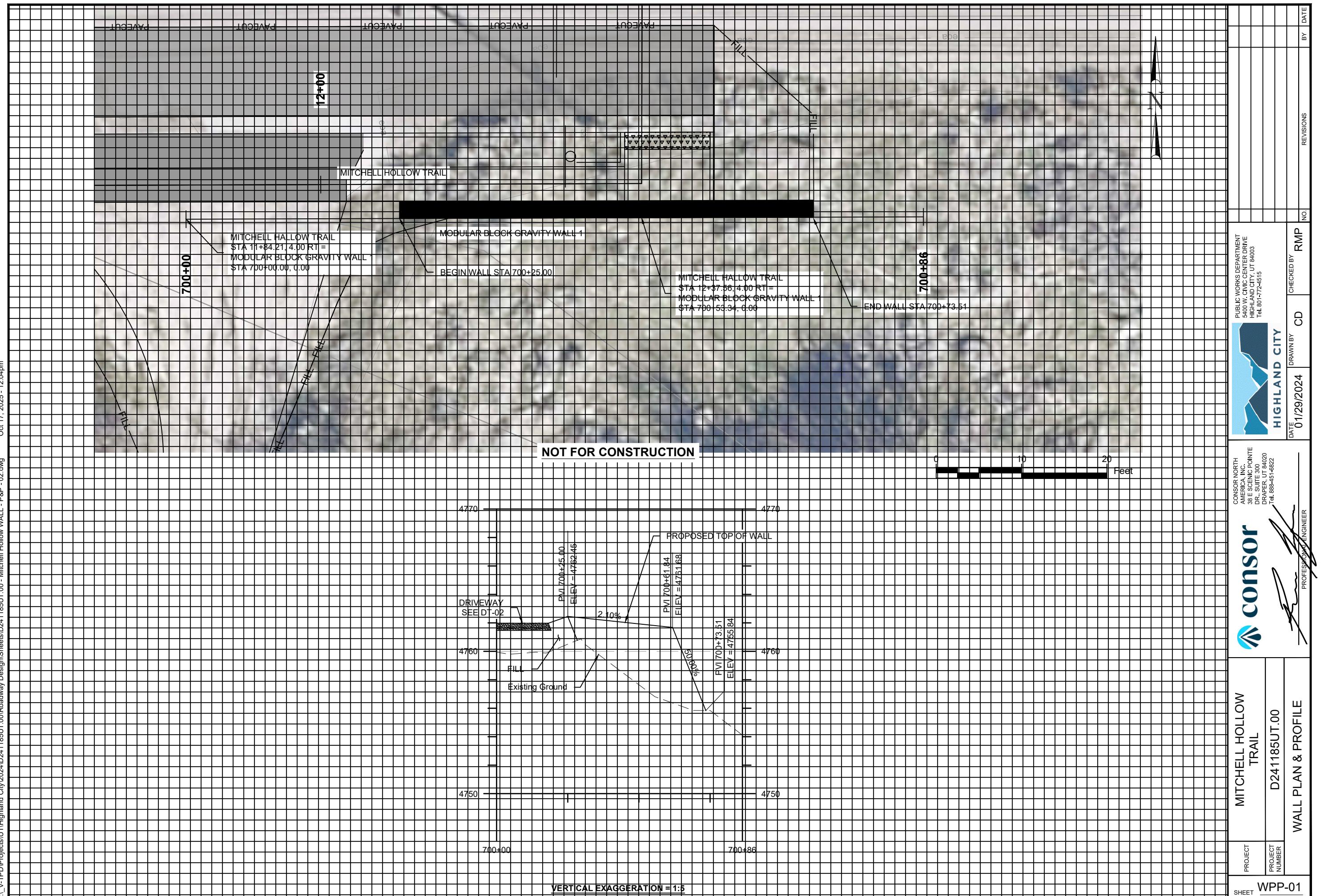


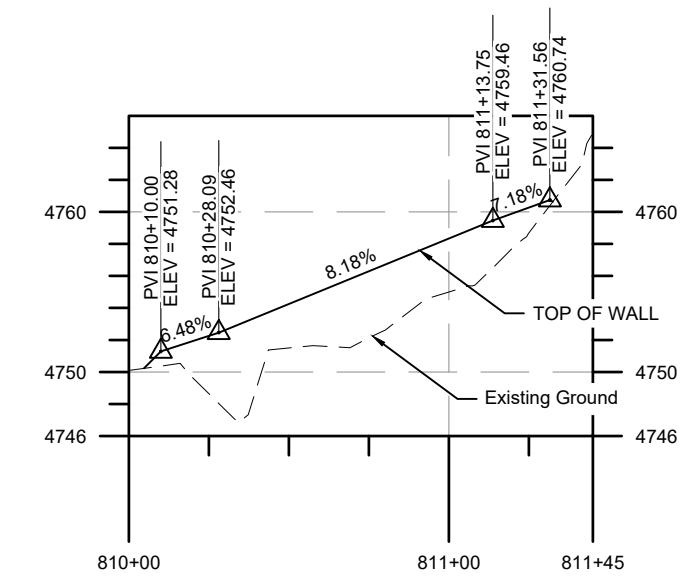
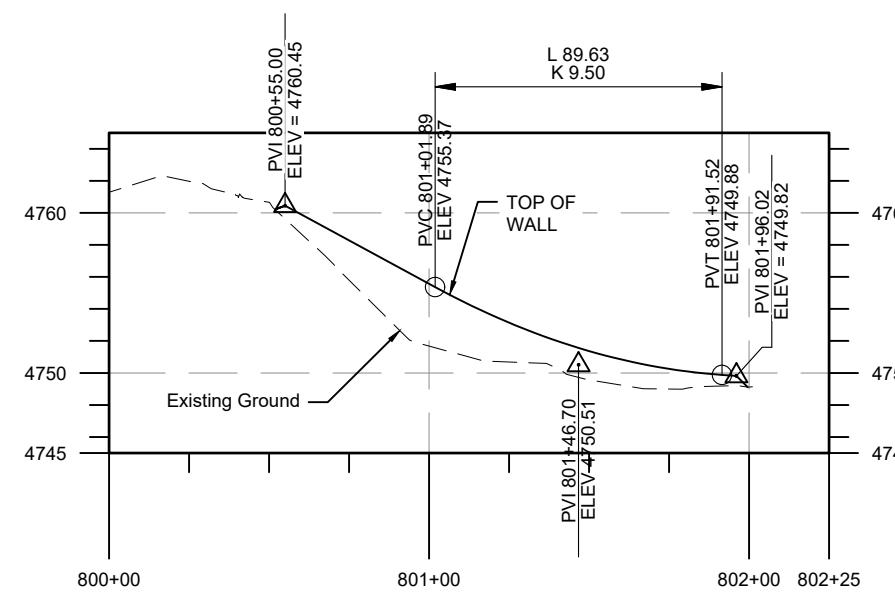
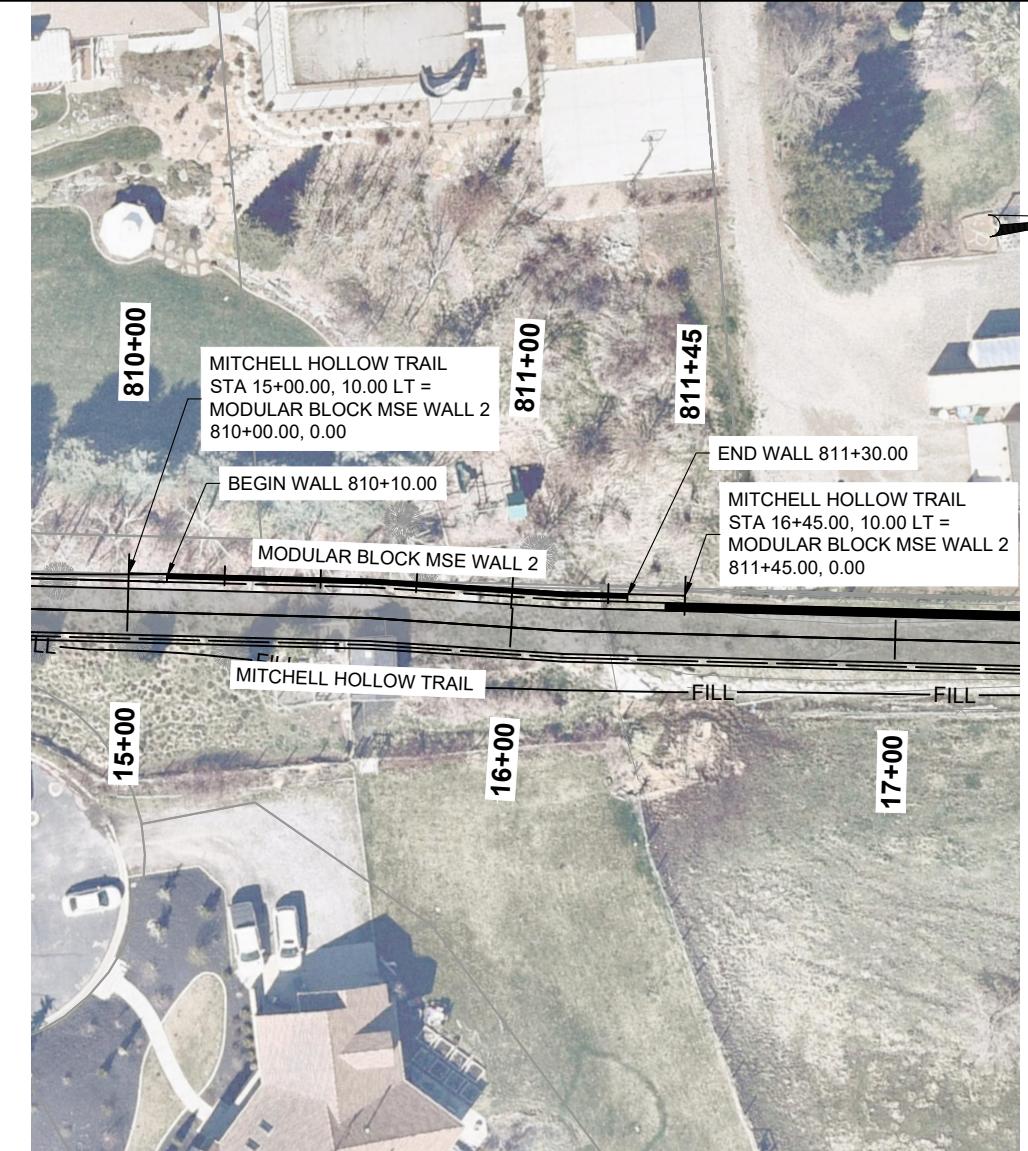
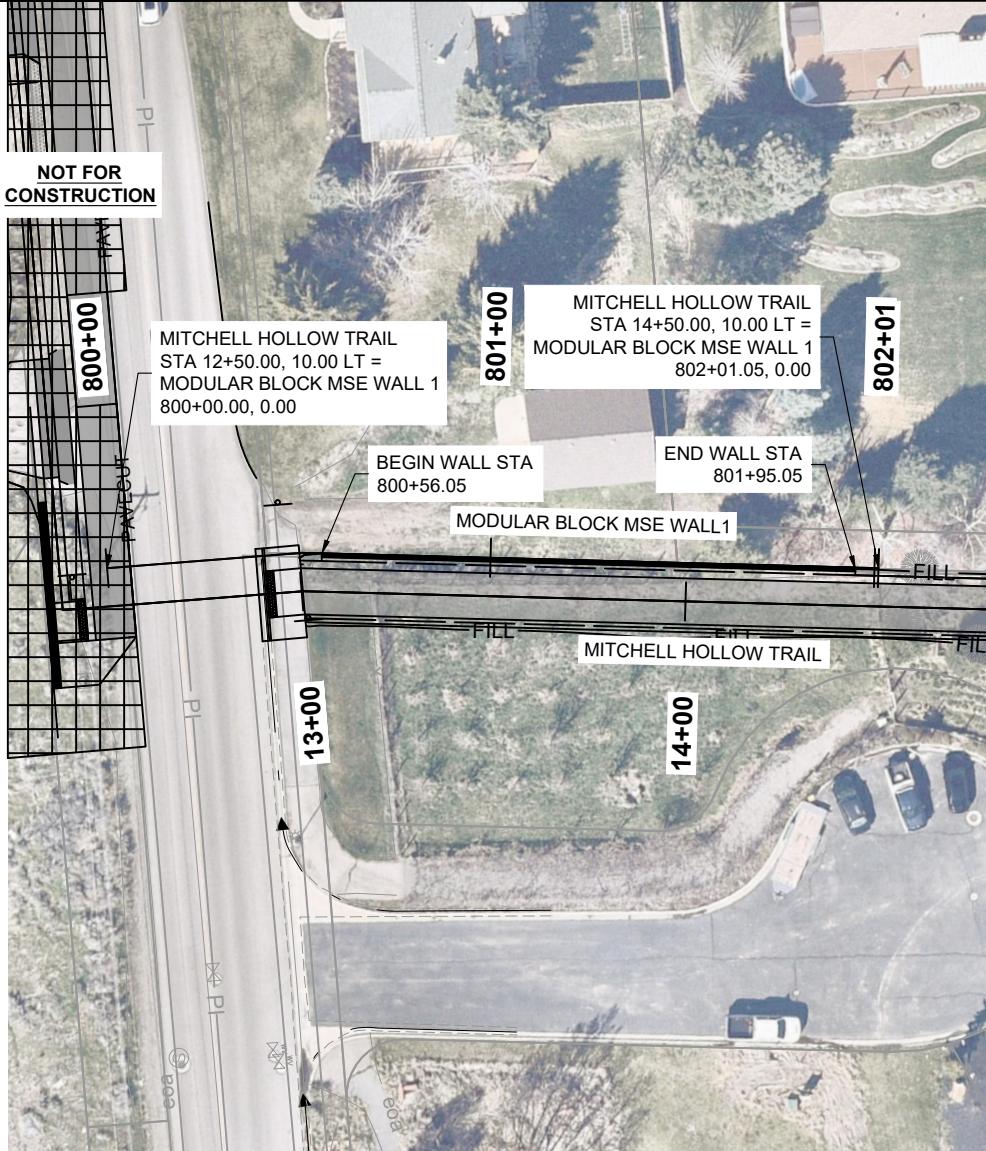
PROJECT		MITCHELL HOLLOW TRAIL		CONSOR		HIGHLAND CITY	
PROJECT NUMBER	D241185UT.00	 CONSOR		 HIGHLAND CITY		 PUBLIC WORKS DEPARTMENT 5400 W. CMC CENTER DRIVE HIGHLAND CITY, UT 84003 Tel. 801-772-4515	
PP-05		PLAN & PROFILE		 PROFESSIONAL ENGINEER		DATE 10/17/25 DRAWN BY BJD CHECKED BY RMP NO. REVISIONS BY DATE	
SHEET		PROJECT NUMBER		CONTRACTOR		DRAWN BY	
PP-05		D241185UT.00		 PROFESSIONAL ENGINEER		10/17/25 BJD RMP NO. REVISIONS BY DATE	





CONSOR	
	
PROJECT NUMBER	MITCHELL HOLLOW TRAIL
PROJECT NUMBER	D241185UT.00
PLAN & PROFILE	
10/17/25	
DRAWN BY	
BJG	
CHECKED BY	
RMP	
NO.	REVISIONS
BY	DATE
CONSOR NORTH AMERICA, INC. 38 E. SCENIC POINTE DR., SUITE 300 DRAFTER, UT 84020 Tel: 888-451-4822	
HIGHLAND CITY	
CONTRACTOR PUBLIC WORKS DEPARTMENT 5400 W. CIVIC CENTER DRIVE HIGHLAND CITY, UT 84003 Tel: 801-772-4515	





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.

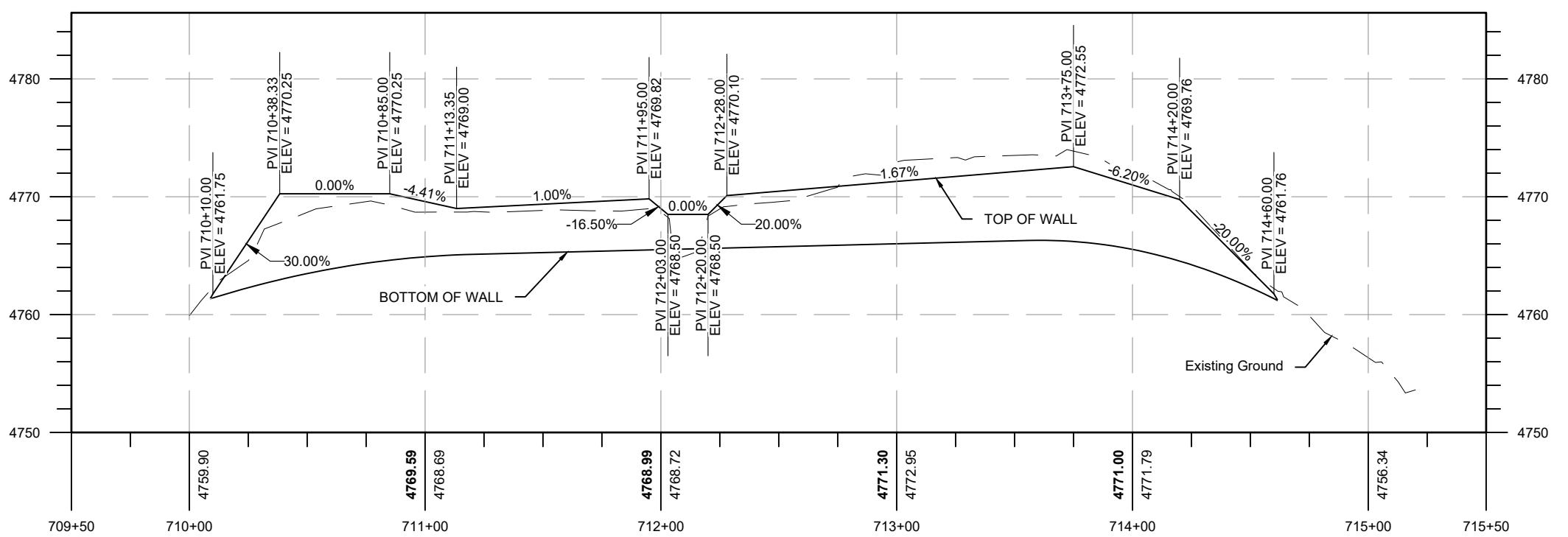
MICHELL HOLLOW
TRAIL
D241185UT.00
WALL PLAN & PROFILE

DRAFTS		REVISIONS	
DATE	DRAWN BY	CD	CHECKED BY
01/29/2024			RMP
		NO.	
			BY
			DATE
 HIGHLAND CITY			
PUBLIC WORKS DEPARTMENT 5400 W. CIVIC CENTER DRIVE HIGHLAND CITY, UT 84003 Tel. 801-772-4515			
ONSOR NORTH ERICA INC. E SCENIC POINTE 300 E. SCENIC POINTE UT 84020 801-772-4515 888-451-6822			

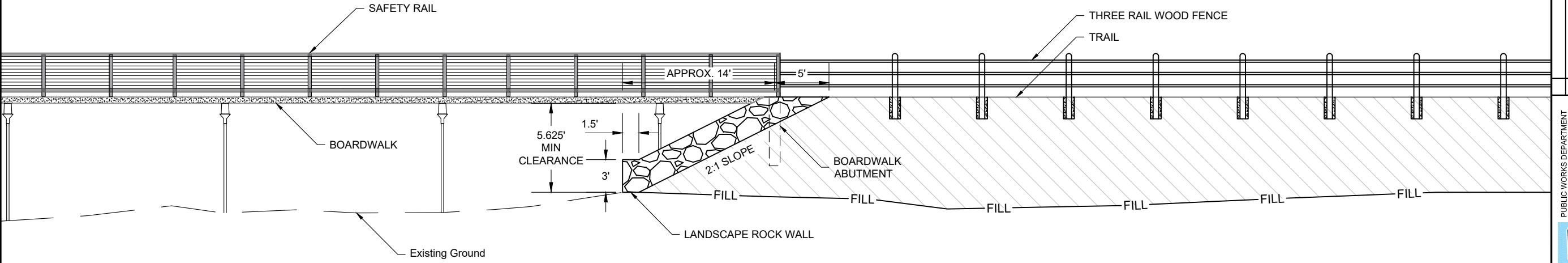
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PROFESSIONAL ENGINEER

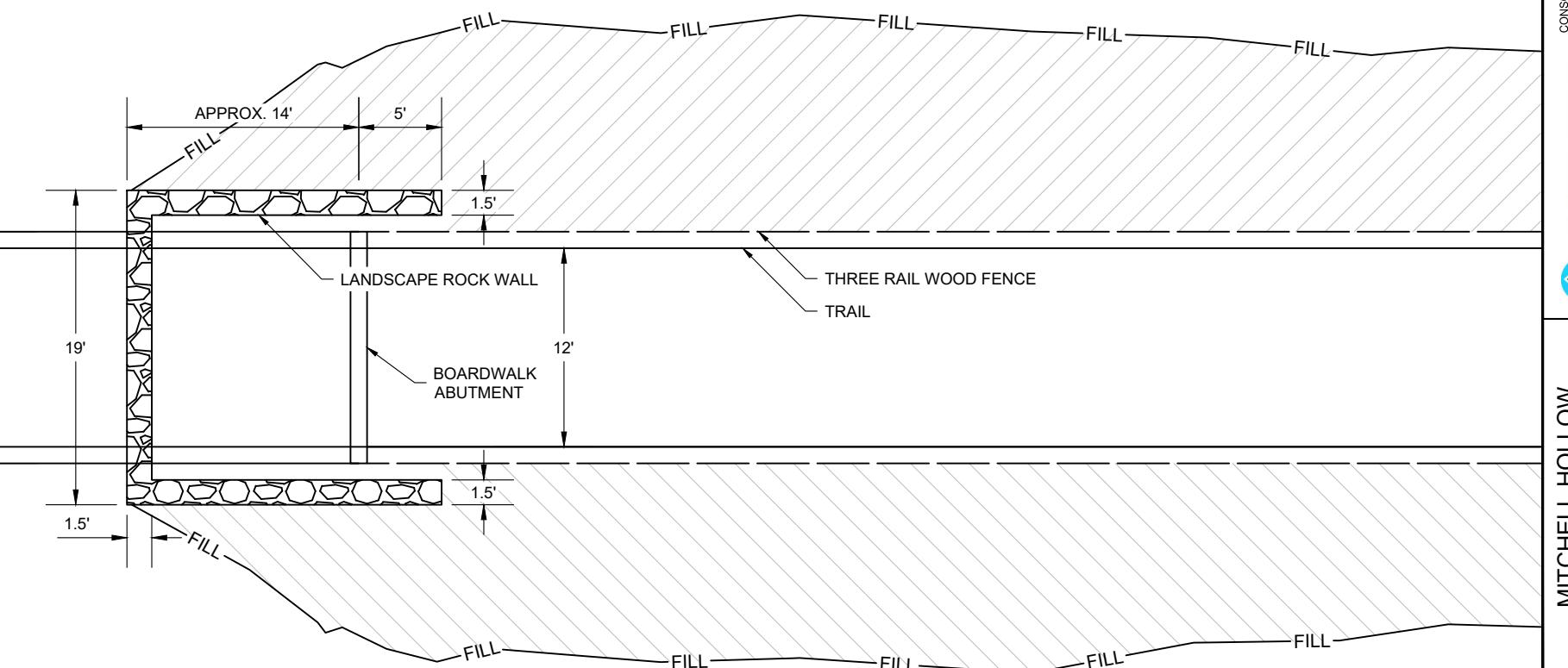
PROJECT NUMBER	MICHELL HOLLOW TRAIL	D241185UT.00	WALL PLAN & PROFILE
SHEET	WPP-02		



PROJECT NUMBER	MITCHELL HOLLOW TRAIL	WALL PLAN & PROFILE	CONSOR	HIGHLAND CITY	PUBLIC WORKS DEPARTMENT 5400 W. CIVIC CENTER DRIVE HIGHLAND CITY, UT 84003 Tel: 801-772-4515
PROJECT NUMBER	D241185UT.00		CONSOR NORTH AMERICA, INC. DR. SUITE 300 DRAPER, UT 84020 Tel: 888-451-6822	01/29/2024	CD
			PROFESSIONAL ENGINEER SINGER	CD	REVISIONS BY RMP NO.
				DATE	BY DATE



LANDSCAPE ROCK WALL AT BOARDWALK ABUTMENTS ELEVATION VIEW



LANDSCAPE ROCK WALL AT BOARDWALK ABUTMENTS PLAN VIEW

NOTES:

1. BOARDWALK DRAWN FOR REFERENCE ONLY.

REVISIONS
NO.
REVISIONS
NO.

PUBLIC WORKS DEPARTMENT
HIGHLAND CITY, UT 84003
Tel: 801-772-4515



DATE 10/17/25 DRAWN BY CD CHECKED BY RMP
NO.

CONSOR
PROFESSIONAL ENGINEERS



MITCHELL HOLLOW
TRAIL
DETAIL
D241185UT.00

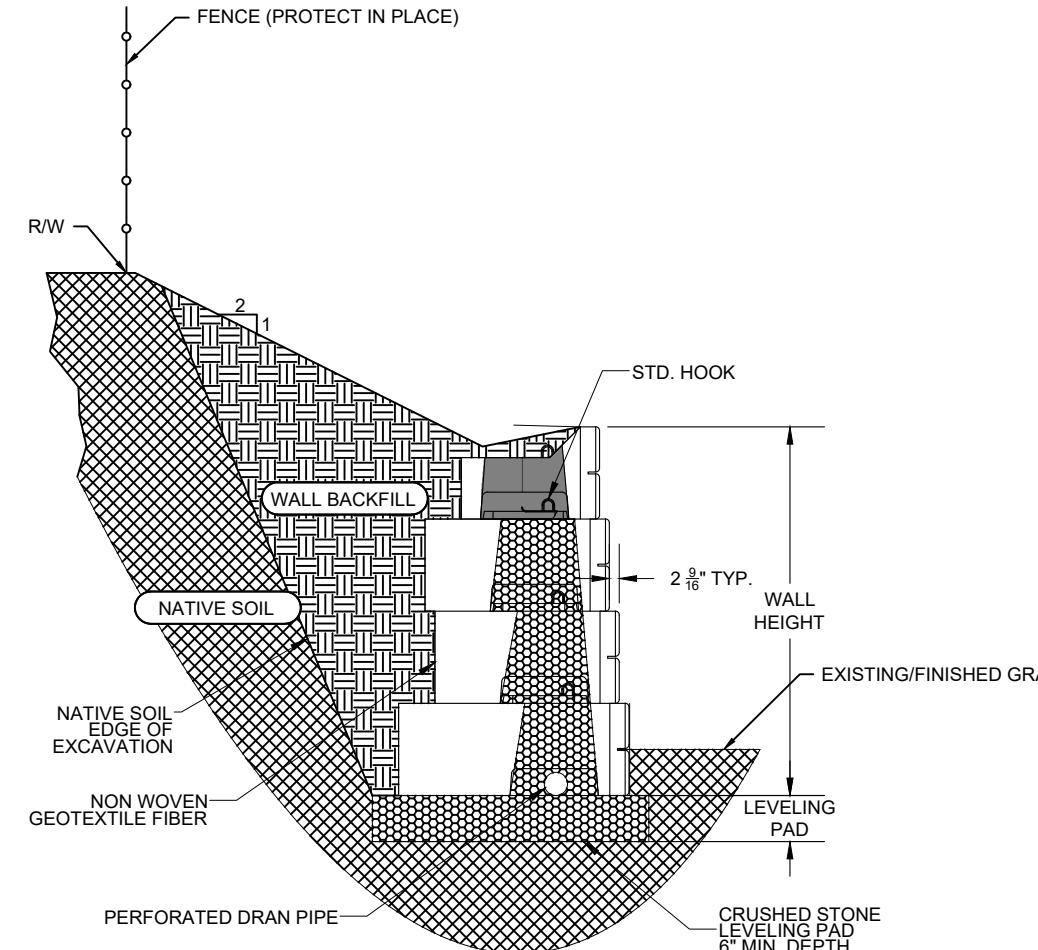
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SHEET DT-01



NOTES:

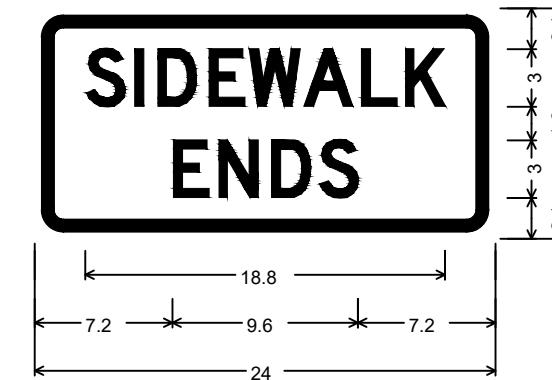
NEGATIVE SLOPE INDICATES DOWNWARD SLOPE.

HEET D1-02



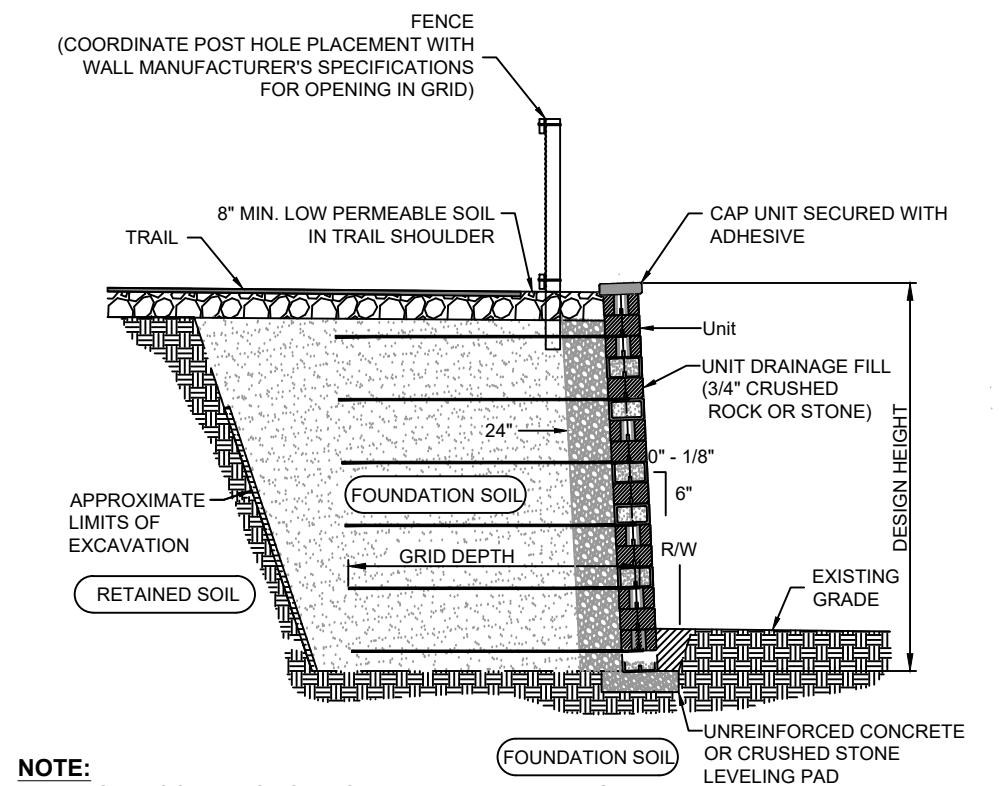
MODULAR BLOCK GRAVITY WALL TYPICAL SECTION

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.

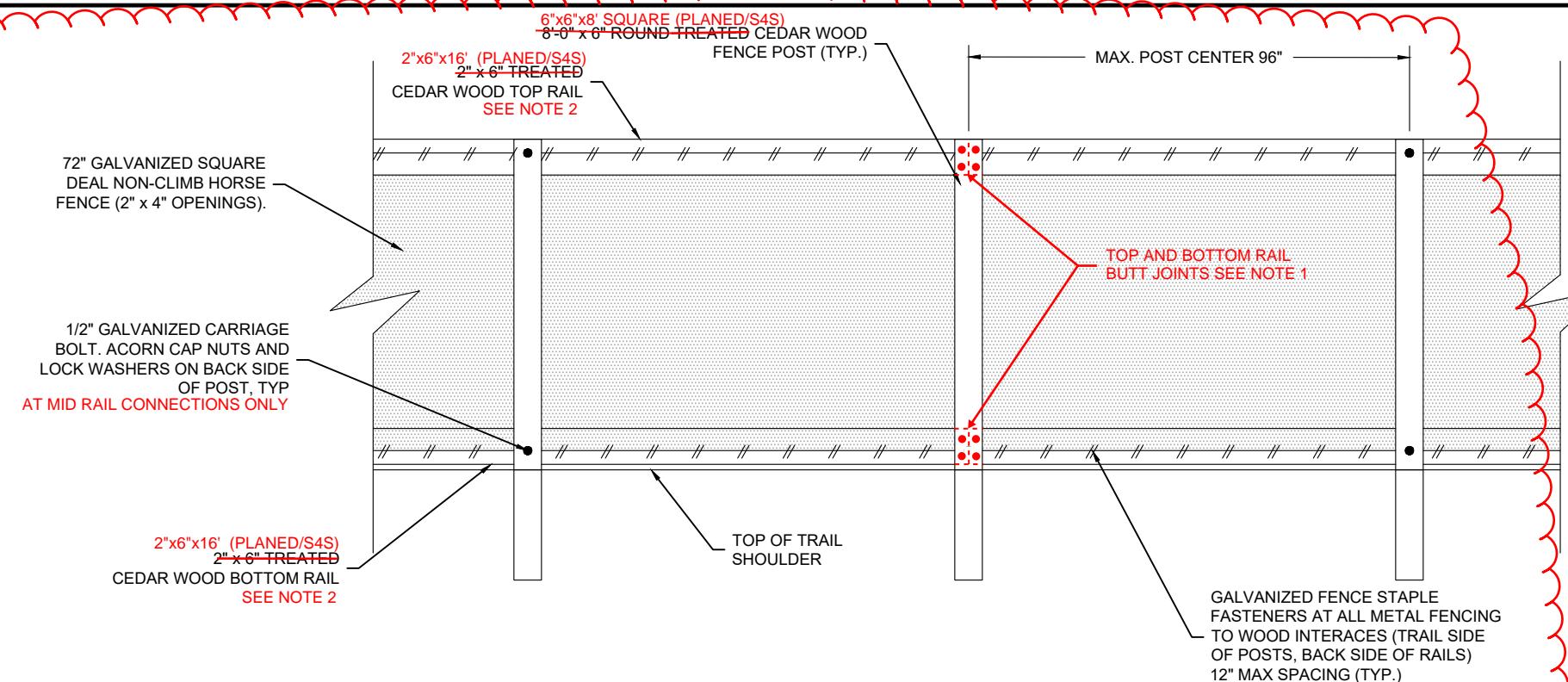
MODULAR BLOCK MSE WALL TYPICAL SECTION

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

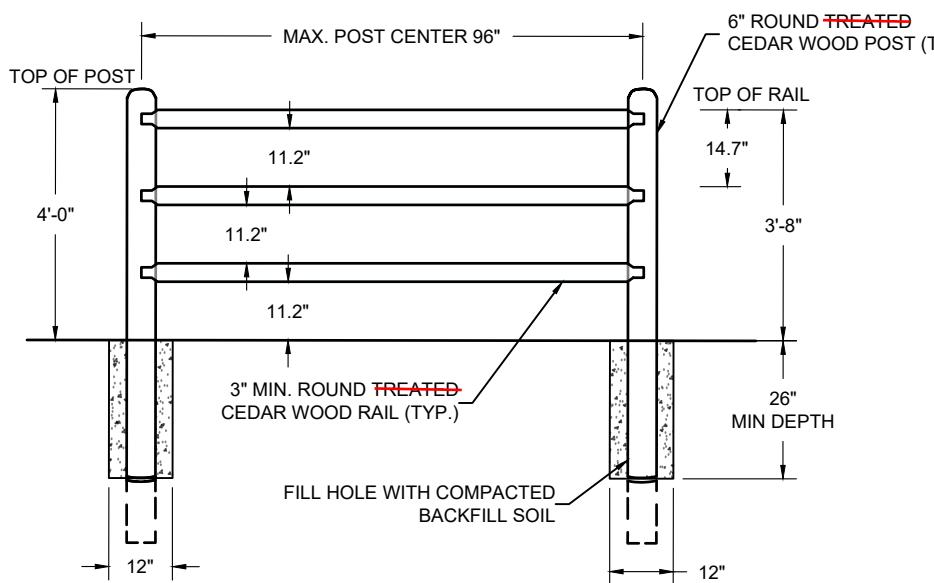
PROJECT	MITCHELL HOLLOW TRAIL	CONSOR	DATE
PROJECT NUMBER	D241185UT.00	PROFESSIONAL ENGINEER	REVISIONS
			
			
		HIGHLAND CITY	
		DATE 10/17/25	CD CHECKED BY RMP NO.
			BY DATE

NOTES:

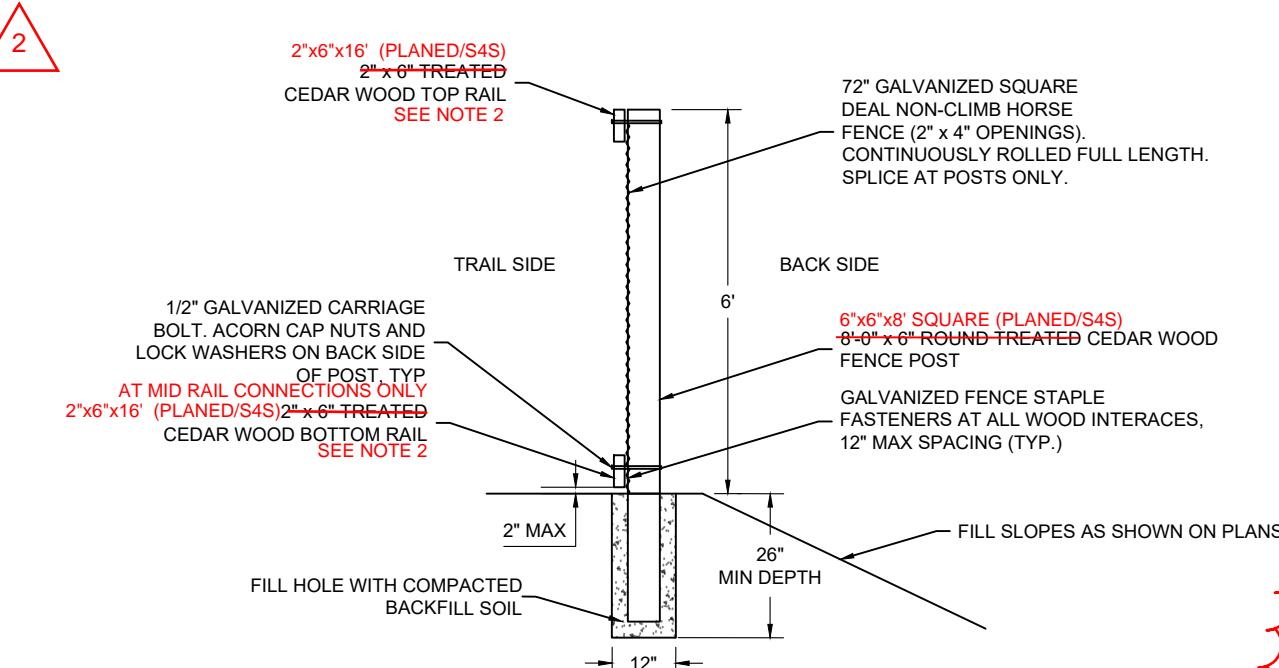
1. LOCATE ALL RAIL BUTT JOINTS AT A POST. AT ALL RAIL BUTT JOINTS, USE FOUR (4) 1/2" GALVANIZED CARRIAGE BOLTS WITH ACORN CAP NUTS AND LOCK WASHERS ON BACK SIDE OF POST
2. AT CONTRACTORS OPTION, TOP AND BOTTOM RAILS MAY USE 8' SECTIONS. IF SECTION LENGTHS ARE REDUCED TO 8', USE FOUR (4) 1/2" GALVANIZED CARRIAGE BOLTS WITH ACORN CAP NUTS AND LOCK WASHERS ON BACK SIDE OF POST AT ALL POST CONNECTIONS.



FENCE DETAIL
BACK SIDE SHOWN



THREE RAIL WOOD FENCE DETAIL



FENCE SECTION

2 UPDATE FENCING MATERIALS



HIGHLAND CITY

CONSOR



MITCHELL HOLLOW TRAIL

DETAIL

DT-04

PROJECT	PROJECT NUMBER	DRAWN BY	CD	REVISIONS	BY	DATE
PUBLIC WORKS DEPARTMENT 5400 W. CIVIC CENTER DRIVE HIGHLAND CITY, UT 84003 Tel: 801-772-4515						

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.

Oct 17 2025 12:05pm

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(AB) PRECAST CONCRETE 145 PCF $f_c = 4.0$ KSI n = 8 CL ASS AA(AB)

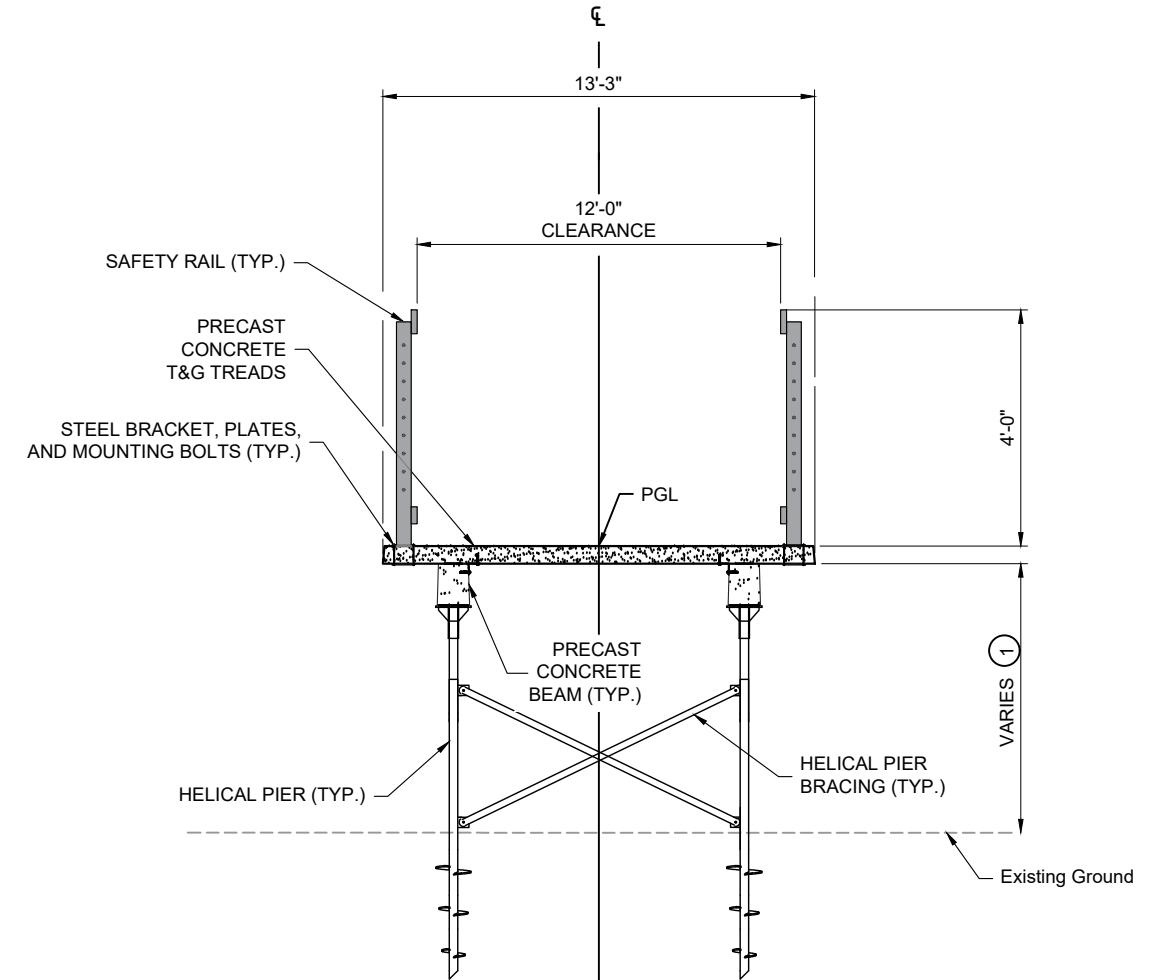
CONCRETE WEIGHT FOR LOADS 150 PCF UNLESS SHOWN OTHERWISE

REINFORCING STEEL
ALL LOCATIONS UNLESS SHOWN OTHERWISE

STRUCTURAL STEEL : $E_y = 50 \text{ KSI (GRADE 50) UNLESS SHOWN OTHERWISE}$

HELICAL PIERS

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.

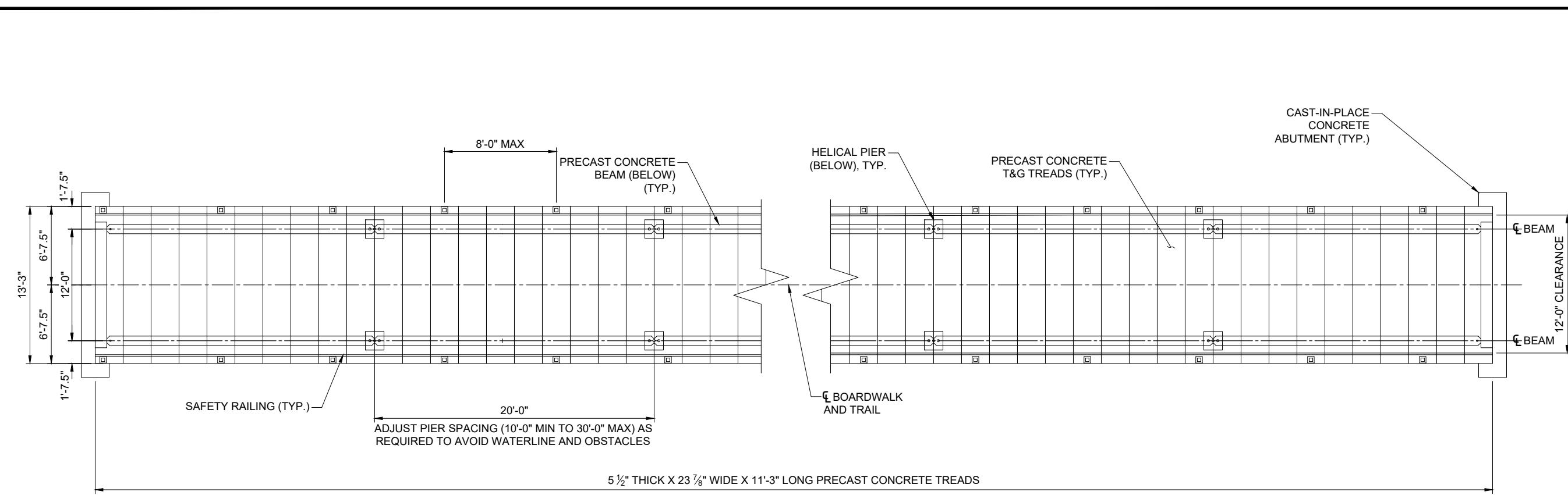


BOARDWALK CROSS SECTION DETAIL

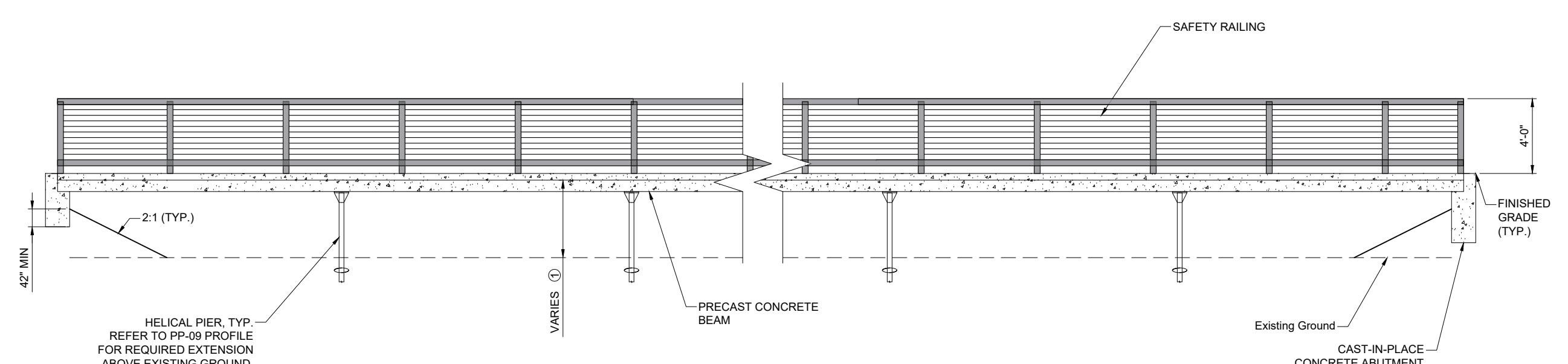
NOTES:

① MINIMUM OF 5'-7.5" OVER WETLANDS

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



BOARDWALK PARTIAL PLAN

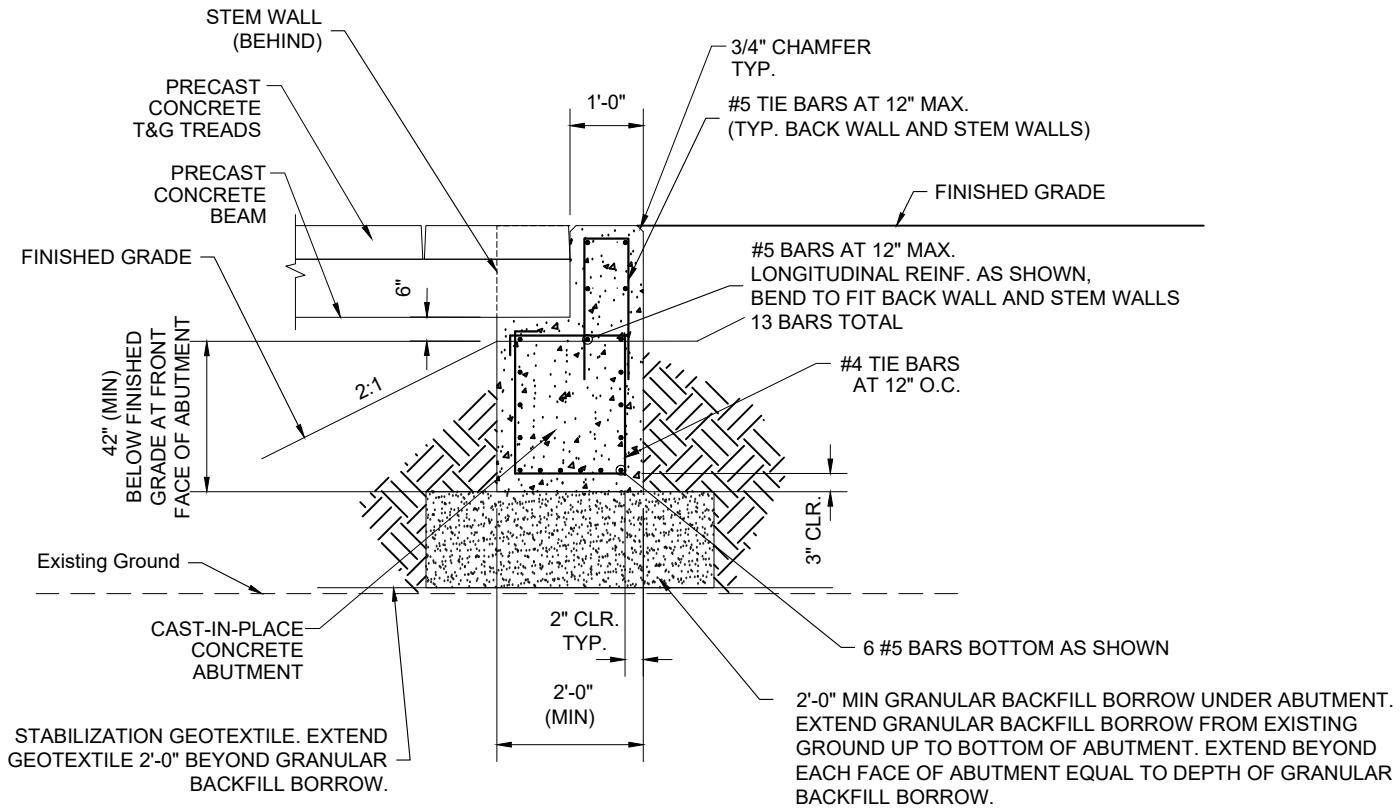


BOARDWALK PARTIAL PROFILE

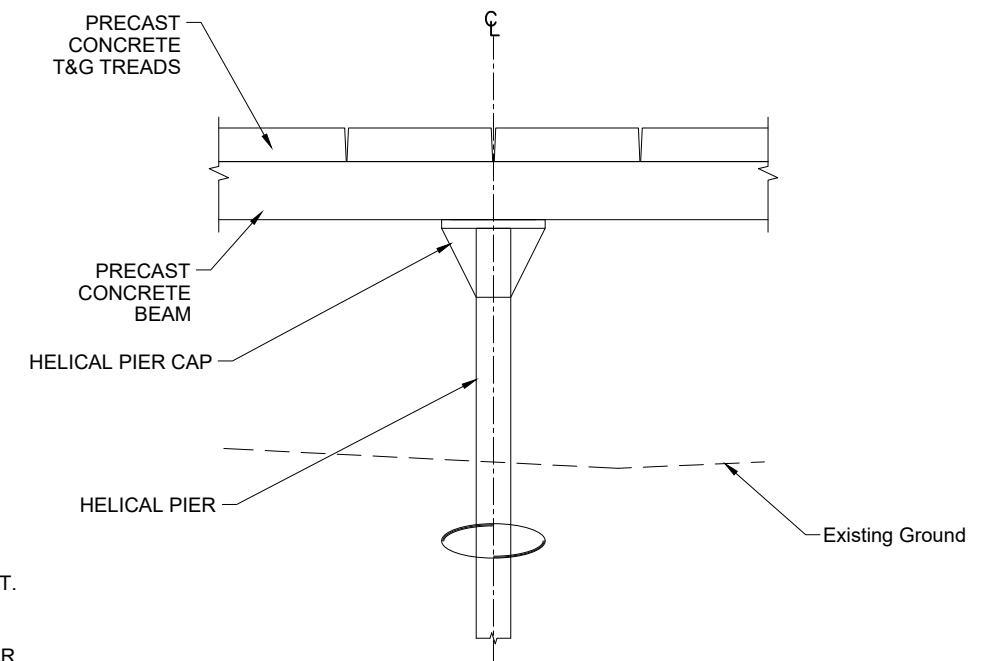
NOTES:

(1) MINIMUM OF 5'-7.5" OVER WETLANDS

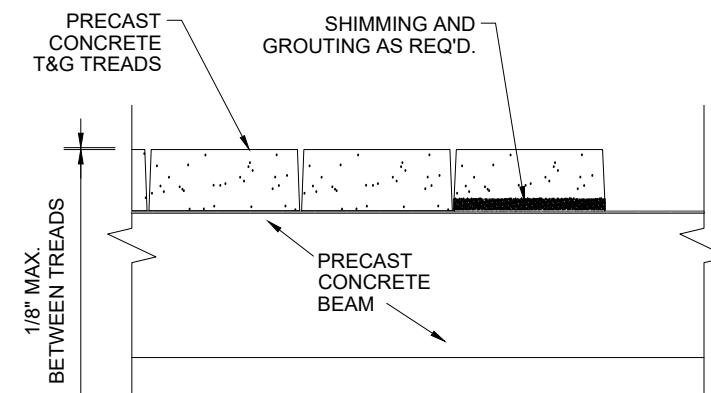
PROJECT	MITCHELL HOLLOW BOARDWALK	CONSOR
PROJECT NUMBER	D241185UT.00	AMERICA INC. 38 E. SCENIC POINTE DR., SUITE 200 DRAFER, UT 84020 Tel: 888-451-8622
DATE	DRAWN BY FJB	HIGHLAND CITY
REVISIONS	NO.	REVISIONS
BY	DATE	BY DATE



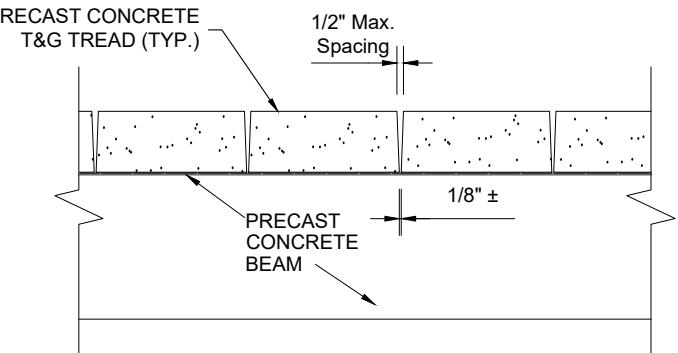
TYPICAL BOARDWALK ABUTMENT DETAIL



TYPICAL BOARDWALK PIER DETAIL



TYPICAL SHIM/GROUT DETAIL (UNDER TREAD)

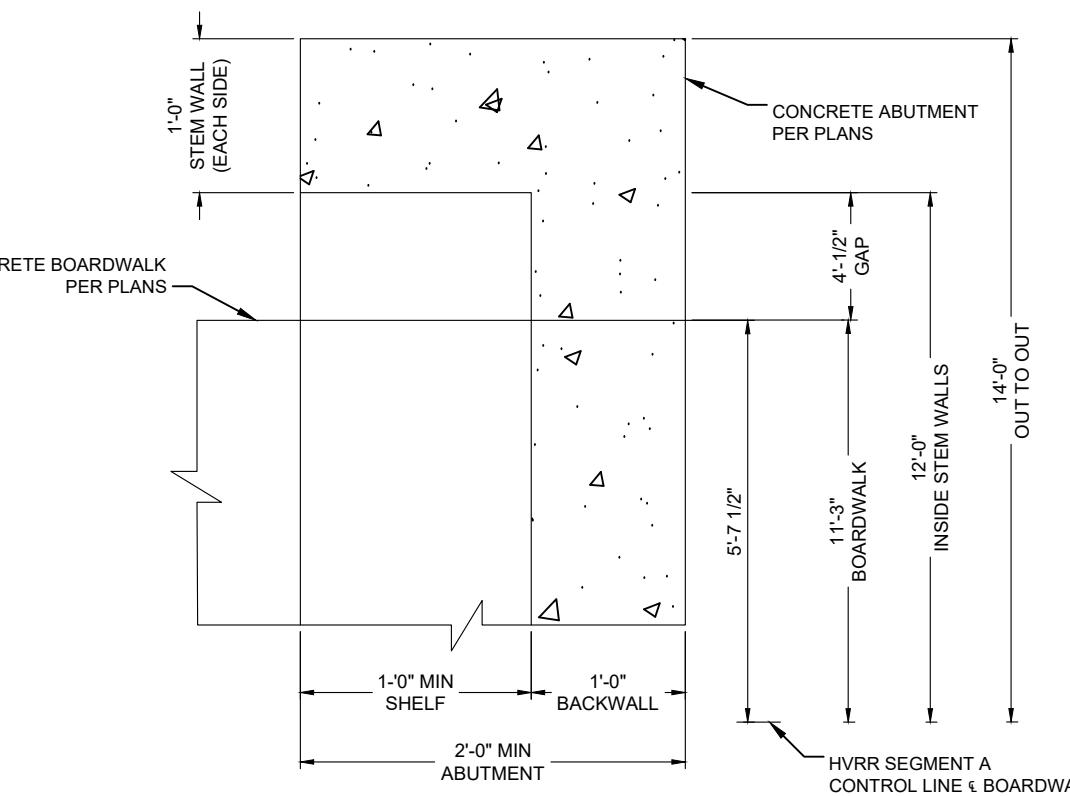


TYPICAL TREAD SPACING DETAIL

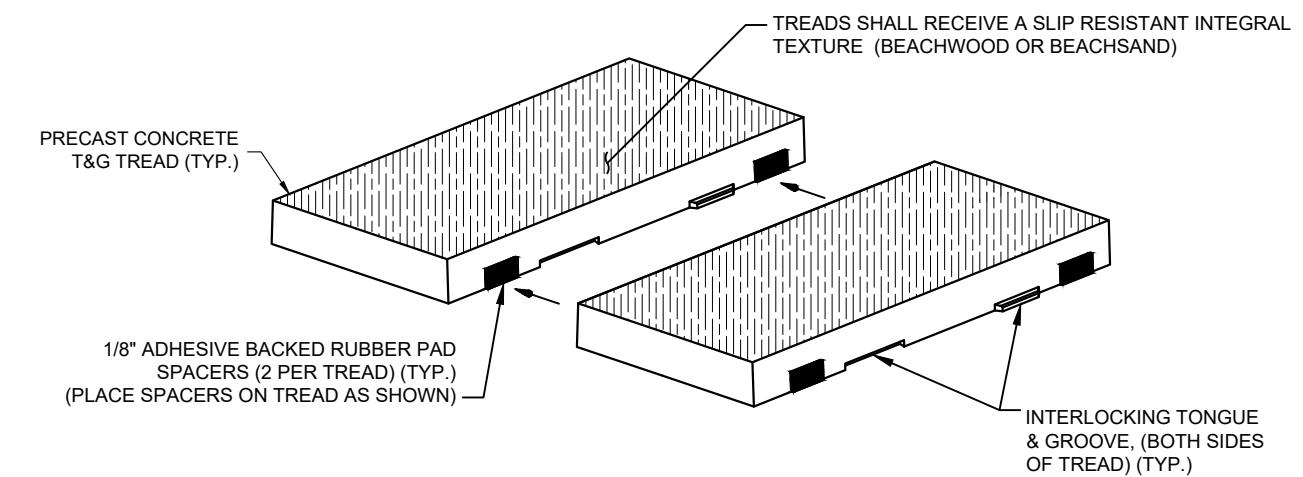
PROJECT	MITCHELL HOLLOW BOARDWALK	CONSOR	DATE
PROJECT NUMBER	D241185UT.00	AMERICA INC. 38 E. SCENIC PONTE DR., SUITE 200 DRAFER, UT 84020 Tel: 888-451-8622	DRAWN BY FJB
	BOARDWALK	PROFESSIONAL ENGINEER	REVISIONS NO.
SHEET	BW-03		NO. REVISIONS
			BY DATE

Oct 17, 2025 - 12:05pm

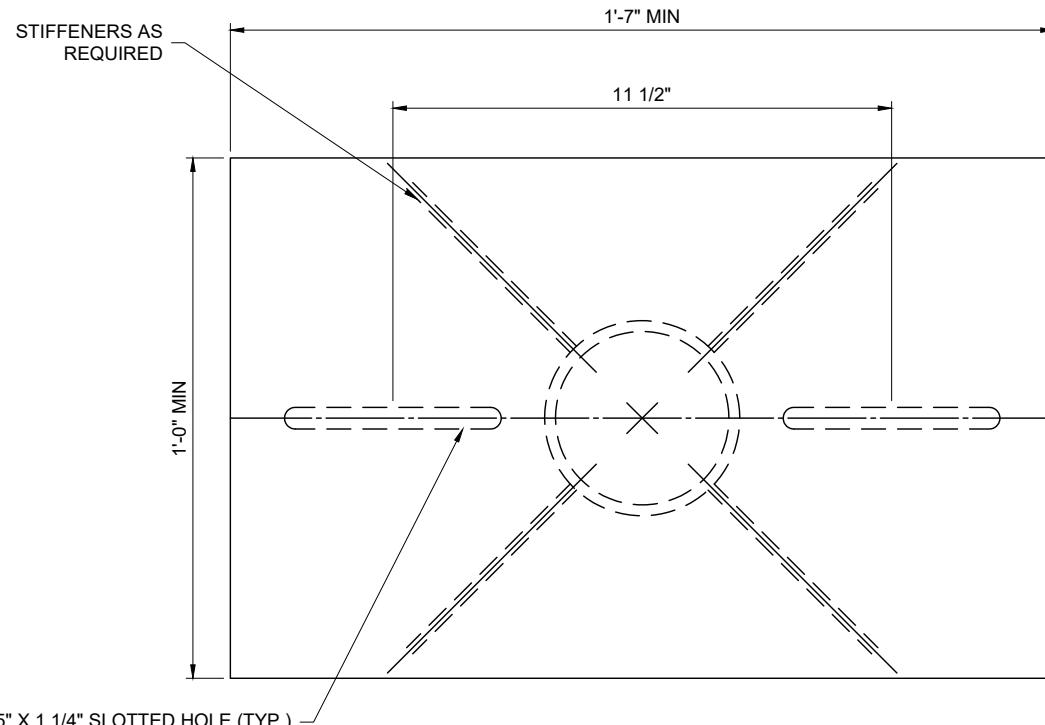
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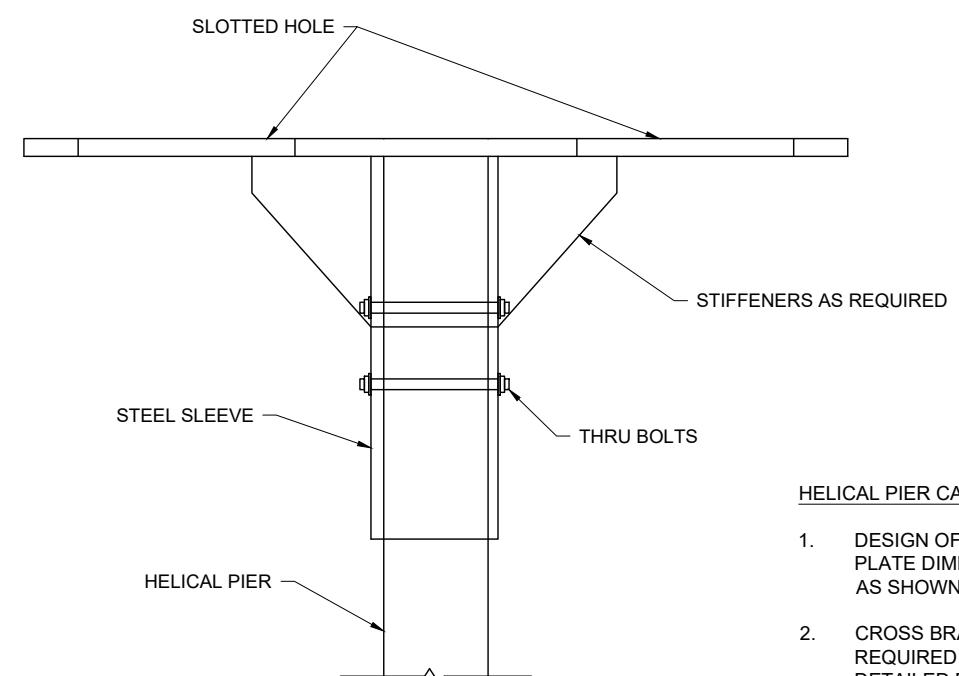
STEMWALL AND BACKWALL DETAIL



TYPICAL TREAD RUBBER SPACING DETAIL



HELICAL PIER CAP DETAIL



HELICAL PIER CAP NOTES:

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

PROJECT	MITCHELL HOLLOW BOARDWALK	REVISIONS	BY DATE
PROJECT NUMBER	D241185UT.00	NO.	
		REVISIONS	BY DATE
		NO.	

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

HIGHLAND CITY

DRAWN BY: FJB CHECKED BY: ---

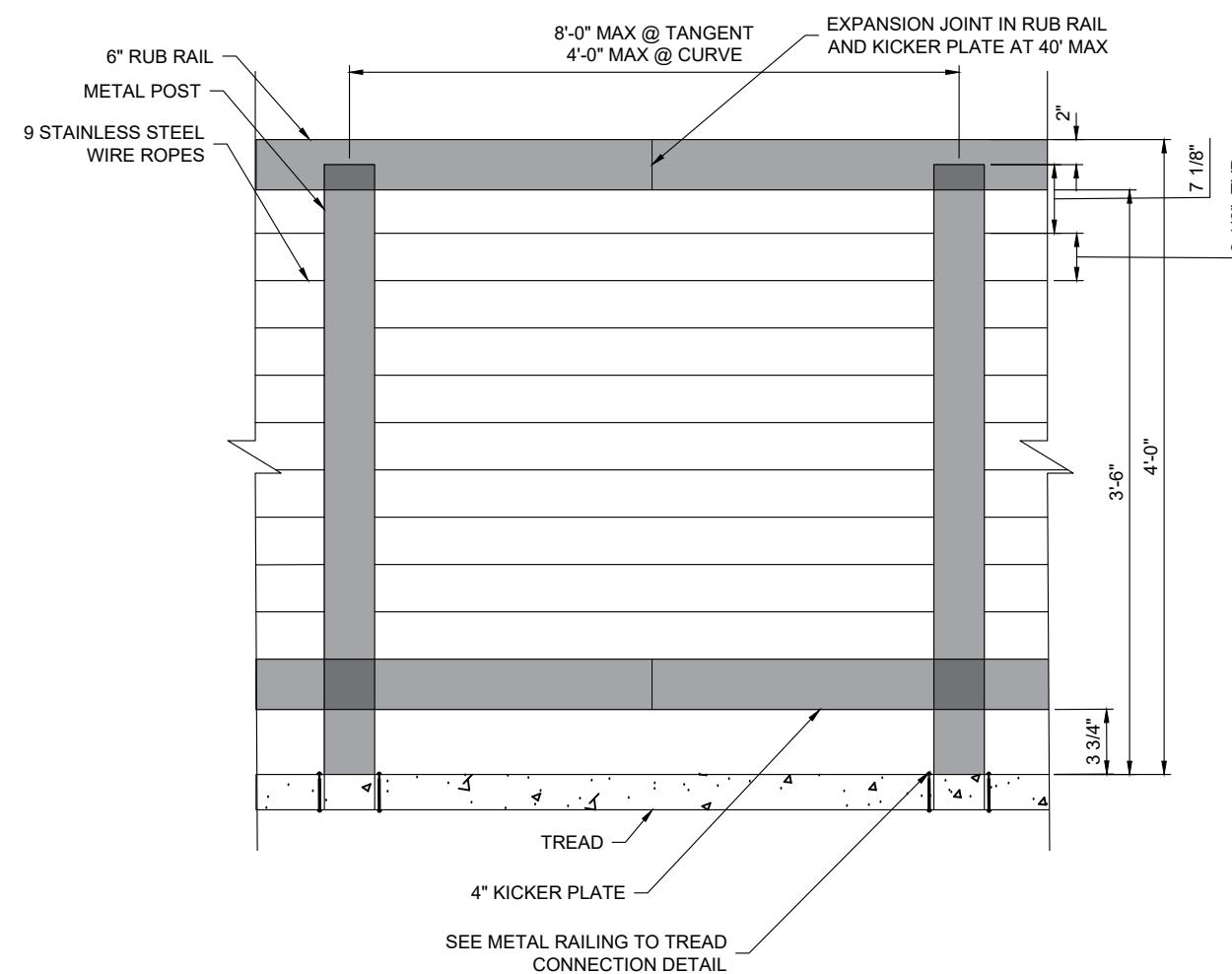
DATE: CONSOR AMERICA INC.
38 E. SCENIC POINTE DR., SUITE 200
DRAFTER, UT 84020
Tel: 888-451-8622

PROFESSIONAL ENGINEER

CONSOR

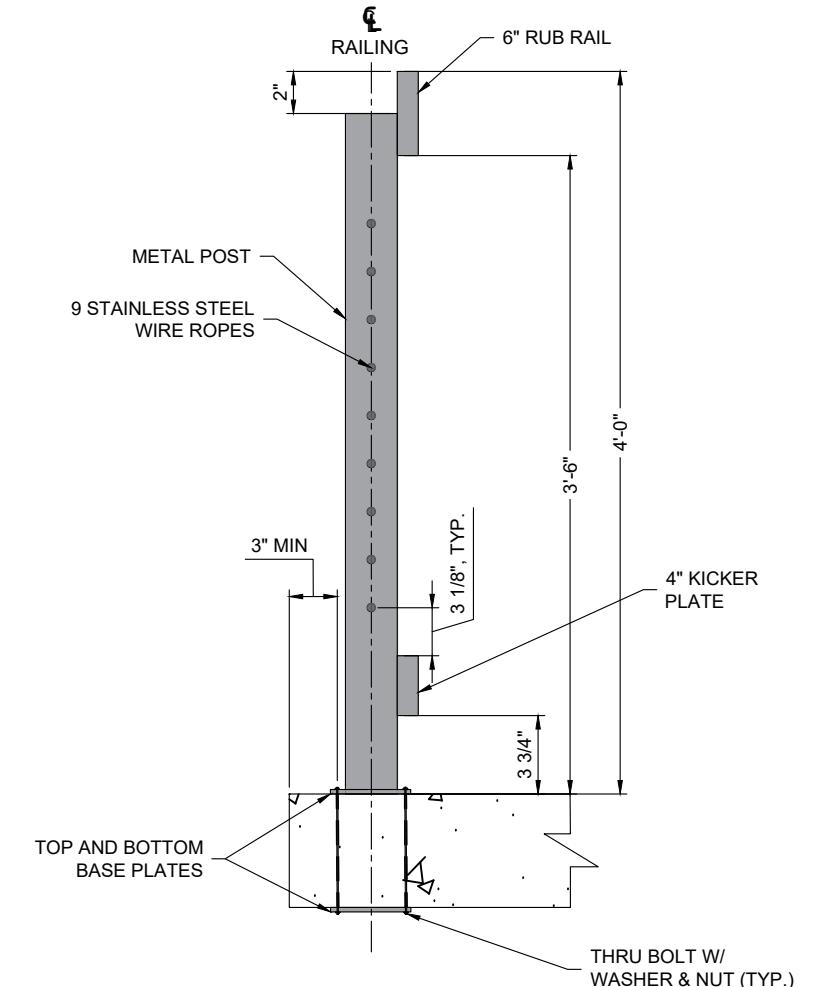
DATE: *[Handwritten signatures]*

SHEET: BW-04



SAFETY RAIL DETAIL

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



SAFETY RAIL SECTION DETAIL

PROJECT NUMBER	MITCHELL HOLLOW BOARDWALK	CONSOR	AMERICA INC. 38 E. SCENIC PONTE DR., SUITE 200 DRAFER, UT 84020 Tel. 888-451-8622	PUBLIC WORKS DEPARTMENT HIGHLAND CITY, UT 84003 Tel. 801-772-4515	HIGHLAND CITY	DATE DRAWN BY FJB	DATE CHECKED BY ---	NO. REVISIONS	BY DATE
D241185UT.00	BOARDWALK								