

**Interlocal Cooperation Agreement Between  
The City of South Jordan and the City of Sandy**

**300 WEST ROADWAY IMPROVEMENTS AND DRY CREEK CHANNEL  
IMPROVEMENTS WITHIN SOUTH JORDAN CITY BOUNDARIES**

The CITY OF SOUTH JORDAN, a Utah municipal corporation (“South Jordan”), and the CITY OF SANDY (“Sandy”) enter into this Interlocal Cooperation Agreement (“Agreement”) this \_\_\_\_\_ day of \_\_\_\_\_, 2023 (“Effective Date”), and agree as set forth below. South Jordan and Sandy are referred to collectively as “Parties.”

**RECITALS**

South Jordan intends to construct the improvements to 300 West at Dry Creek (the “Project”) as shown on the 300 West Dry Creek Culvert Improvements plans, attached hereto as **Exhibit A** of this Agreement and incorporated by reference. South Jordan hereby agrees that construction of 300 West Dry Creek Improvements related to this Agreement will be competitively bid in compliance with all applicable procurement rules.

As local governmental units, the Parties are authorized under the Utah Interlocal Cooperation Act, Utah Code § 11-13-101, et seq. (the “Interlocal Act”), to make the most efficient use of their powers by acting cooperatively to provide needed services and facilities so that the Parties benefit from economy of scale and shared resources. Therefore, the Parties agree as follows:

**TERMS**

1. **CONSTRUCTION OF THE PROJECT.** South Jordan shall be responsible for all matters pertaining to the Project including hiring and paying a contractor to complete the Project. The Project will be completed according to South Jordan’s engineering standards for the design and construction.

2. **TERM.** The term of this Agreement begins on the Effective Date and ends upon completion of the Project and payment by Sandy pursuant to Section 3 of this Agreement. Although the Parties anticipate that the Project will be completed before June 30, 2024, they acknowledge that many factors outside South Jordan’s control may affect its ability to complete the Project. Therefore, South Jordan will not be in breach of this Agreement if the Project is not completed before June 30, 2024.

3. **PAYMENT.**

a. As shown in **Exhibit B**, attached hereto and incorporated herein by this reference, the estimated cost for construction of the Project is \$791,520.00 (the “Estimated Construction Cost”). South Jordan shall contract with: (i) Salt Lake County to pay \$300,000.00 towards the construction of the Project ; and (ii) the property owner to pay \$50,000.00 toward construction of the Project, which shall be in addition to the \$37,906

that has been spent by property owner to date. South Jordan shall be solely responsible to collect payment from Salt Lake County and the property owner.

b. As shown in **Exhibit B**, Sandy shall reimburse South Jordan in the amount of \$170,577.00 (“Reimbursement Amount”). If the actual cost of Project construction differs from the Estimated Construction Cost, the Reimbursement Amount shall be increased or decreased as follows:

i. If the actual construction cost exceeds the Estimated Construction Cost, the Reimbursement Amount shall be increased by 50% of the difference between the actual construction cost and the Estimated Construction Cost; provided that South Jordan notifies Sandy in writing at least ten business days prior to approving any change order that increases the construction cost, and South Jordan considers all written responses it receives from Sandy within that time.

ii. If the actual construction cost is less than the Estimated Construction Cost, the Reimbursement Amount shall be decreased by 50% of the difference between the actual construction cost and the Estimated Construction Cost.

c. After the Project is complete, South Jordan shall send Sandy an invoice for its portion of the Project final actual costs, which Sandy agrees to pay within thirty days of receiving the invoice. Prior to expiration of the thirty days, Sandy shall notify South Jordan in writing of any questions or concerns regarding the invoice.

4. **TERMINATION OR AMENDMENT.** This agreement and all provisions contained herein shall only be amended or terminated by written agreement between the Parties.

5. **BREACH WILL NOT TERMINATE.** No breach or violation of any provision of this Agreement will entitle any person or entity to cancel, rescind, or otherwise terminate this Agreement, but this limitation will not affect, in any manner, any other rights or remedies to which a party may be entitled at law or in equity by reason of a breach of this Agreement.

6. **LIABILITY AND INDEMNIFICATION.** The parties are governmental entities under the Governmental Immunity Act of Utah, Utah Code § 63G-7-101, et seq. (the “Immunity Act”). Consistent with the terms of the Immunity Act, and as provided herein, the Parties mutually agree that each party is responsible and liable for its own wrongful or negligent act committed by it or its agents, officers, or employees. Neither party waives any defenses otherwise available under the Immunity Act nor does any party waive any limits of liability currently provided by the Immunity Act. The parties agree to indemnify each other and hold each other harmless from any damages or claims from damages occurring to persons or property as a result of the negligence or fault of their own officers, employees, or agents involved in the Project.

7. **ADMINISTRATION.** This Agreement does not create a separate entity; however, to the extent that any administration of this Agreement becomes necessary, then the Department Directors of each party, or their designees, shall constitute a joint board for such purpose.

8. **INTERLOCAL COOPERATION ACT.** The Parties acknowledge that this Agreement is subject to the provisions and procedures of the Interlocal Act and they agree to process, approve, manage, and archive this agreement in compliance with the Interlocal Act.

9. **MISCELLANEOUS.**

a. **Entire Agreement.** This Agreement constitutes the entire agreement between the Parties, and no other promises or understandings, express and implied, shall be binding upon the Parties.

b. **No Waiver.** Any party's failure to enforce any provision of this Agreement shall not constitute a waiver of the right to enforce such provision. The provisions may be waived only in writing by the party intended to be benefited by the provisions, and a waiver by a party of a breach hereunder by the other party shall not be construed as a waiver of any succeeding breach of the same or other provisions.

c. **Headings.** The descriptive headings of the paragraphs of this Agreement are inserted for convenience only and shall not control or affect the meaning or construction of any provision this Agreement.

d. **Severability.** If any of the provisions of this Agreement are declared void or unenforceable, such provision shall be severed from this Agreement. This Agreement shall otherwise remain in full force and effect provided the fundamental purpose of this Agreement and the Parties' ability to complete the Project as set forth herein is not defeated by such severance.

e. **Governing Law.** The laws of the State of Utah shall govern the interpretation and enforcement of this Agreement.

f. **Attorney's Fees and Costs.** If any party brings legal action either because of a breach of this agreement or to enforce a provision of this Agreement, the prevailing party shall be entitled to reasonable attorney's fees and court costs.

g. **Binding Effect.** The benefits and burdens of this Agreement shall be binding upon and shall inure to the benefit of the Parties and their respective heirs, legal representatives, successors in interest and assigns.

h. **No Third Party Rights.** The obligations of the Parties set forth in this Agreement shall not create any rights in or obligations to any other persons or parties except to the extent otherwise provided herein.

[SIGNATURE PAGES FOLLOWS]

IN WITNESS WHEREOF, the parties have executed this Agreement as of the date first set forth above.

**CITY OF SOUTH JORDAN**, a Utah municipal corporation

By: \_\_\_\_\_

APPROVED AS TO FORM:

\_\_\_\_\_  
(Print name and title above)

\_\_\_\_\_  
Attorney for City

**CITY OF SANDY**, a Utah municipal corporation

By: \_\_\_\_\_

APPROVED AS TO FORM:

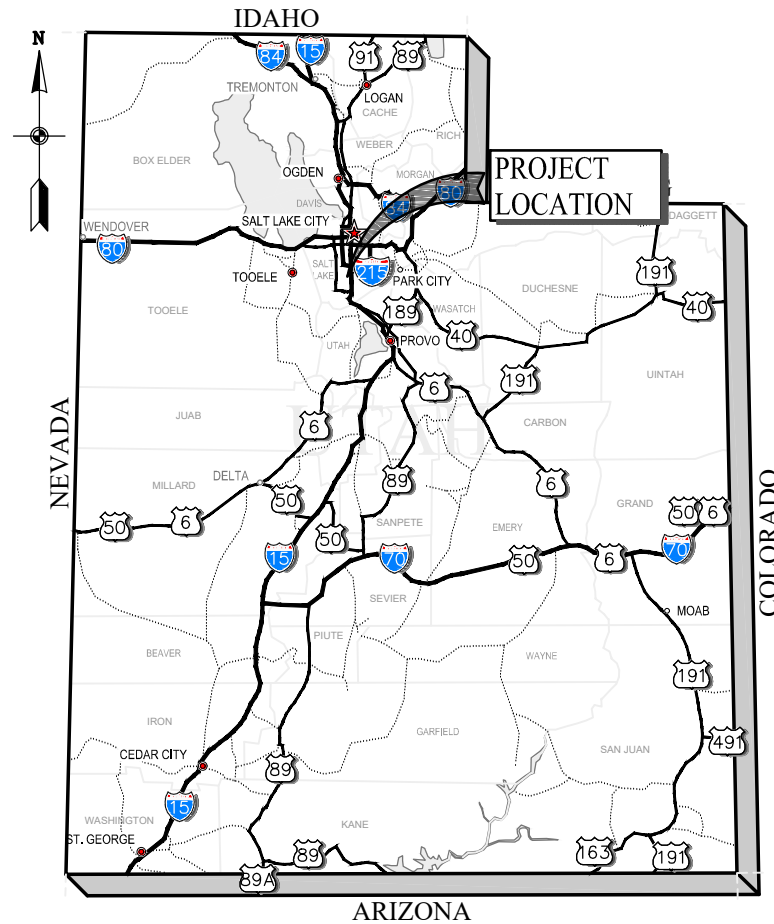
\_\_\_\_\_  
(Print name and title above)

\_\_\_\_\_  
Attorney for City

**EXHIBIT A**

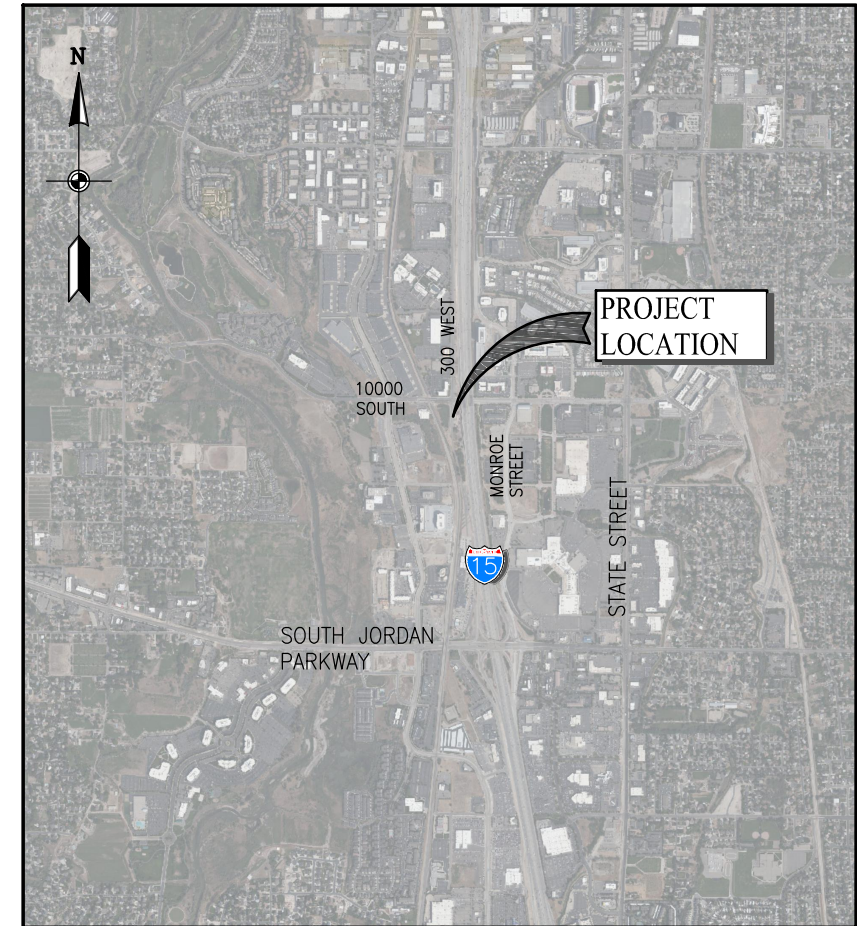
**(300 West Dry Creek Culvert Improvements Plans)**

# DRAWINGS FOR CONSTRUCTION OF THE 300 WEST DRY CREEK BOX CULVERT REPLACEMENT SOUTH JORDAN, UTAH

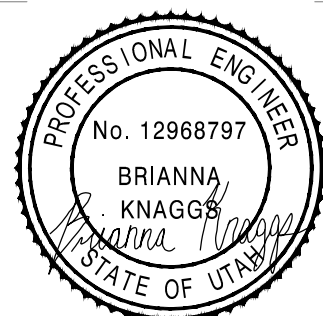


PROJECT LOCATION MAP

INDEX OF DRAWINGS		
SHT NO.	DWG NO.	DESCRIPTION
<b>GENERAL</b>		
01	G-01	TITLE PAGE, PROJECT LOCATION, INDEX OF DRAWINGS, AND VICINITY MAPS
02	G-02	ABBREVIATIONS
03	G-03	SYMBOLS
04	G-04	GENERAL NOTES
<b>CIVIL</b>		
04	C-01	DEMOLITION PLAN
05	C-02	CIVIL SITE PLAN
06	C-03	PLAN AND PROFILE - DRY CREEK CHANNEL
07	C-04	PLAN AND PROFILE - 300 WEST ROAD IMPROVEMENTS
08	C-05	CIVIL DETAILS - 1
09	C-06	CIVIL DETAILS - 2
<b>STRUCTURAL</b>		
10	S-01	PLAN AND ELEVATION
11	S-02	TYPICAL SECTION
12	S-03	INLET PLAN AND DETAILS
13	S-04	OUTLET PLAN AND DETAILS
14	S-05	GENERAL STRUCTURAL DETAILS

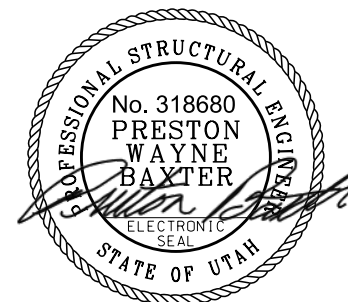


PROJECT VICINITY MAP



06/29/2023

CIVIL



06/29/2023

STRUCTURAL

NO.	DATE	REV. BY	DESCRIPTION

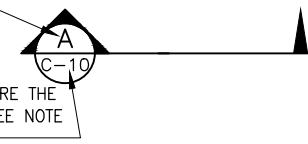
DESIGN DESIGNER: B. KNAGGS DRAWN: B. KNAGGS	REVIEW CHECKED: C. BAGLEY APPROVED: B. KNAGGS	VERIFY SCALE BAR IS ONE INCH ON ORIGINAL DRAWING	SOUTH JORDAN CITY SOUTH JORDAN, UTAH 300 WEST DRY CREEK BOX CULVERT REPLACEMENT
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GENERAL COVER SHEET, PROJECT LOCATION AND VICINITY MAP	DATE: JUNE 2023 PROJECT NUMBER: 009-22-02
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**SECTION IDENTIFICATION**

(1) SECTION CUT SHOWN ON DRAWING AS:  
SECTION LETTER



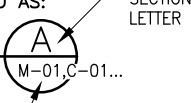
DRAWING NUMBER WHERE THE SECTION IS SHOWN (SEE NOTE A)

(2) THIS SECTION IS IDENTIFIED AS:

**SECTION**

SCALE: AS DESIGNATED

DRAWING NUMBER WHERE THE SECTION CUT IS SHOWN (SEE NOTE A)



**DETAIL IDENTIFICATION**

(1) DETAIL IDENTIFICATION SHOWN ON DRAWING AS:

DETAIL NUMBER

DRAWING NUMBER WHERE THE DETAIL IS SHOWN

THE DETAIL NAME IS OPTIONAL AND LOCATED HERE, FOLLOWING DETAIL CALLOUT



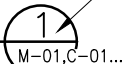
(2) THIS DETAIL IS IDENTIFIED AS:

**DETAIL**

SCALE: AS DESIGNATED

DRAWING NUMBER WHERE THE DETAIL IS SHOWN (SEE NOTE A)

DETAIL NUMBER



**TYPICAL DETAIL IDENTIFICATION**

**TYPICAL DETAIL**

NTS

TYPICAL DETAIL NUMBER, SEE INDEX OF DRAWINGS FOR LOCATION OF GENERAL DRAWINGS



**DRAWING IDENTIFICATION SYSTEM**

LETTER	DISCIPLINE
G	GENERAL
C	CIVIL
S	STRUCTURAL
GC	GENERAL CIVIL DETAILS
GS	GENERAL STRUCTURAL DETAILS

S-02  
INDIVIDUAL DRAWING NUMBER  
DISCIPLINE

**NOTES:**

- IF PLAN AND SECTION (OR DETAIL CALL-OUT AND DETAIL) ARE SHOWN ON SAME DRAWING, DRAWING NUMBER IS REPLACED BY A HORIZONTAL LINE.
- ELECTRICAL SYMBOLS SHOWN ON ELECTRICAL DRAWINGS. FOR WELDING SYMBOLS USE AMERICAN WELDING SOCIETY STANDARD SYMBOLS. SEE AMERICAN INSTITUTE OF STEEL CONSTRUCTION MANUAL.

	COORDINATE IDENTIFICATION
	ELEVATION INDICATOR
	SECTION CORNER
	BENCH MARK
	MONUMENT INDICATOR
	POTHOLE
	TEST HOLE
	BORING HOLE
	SECTION LINE
	PROPERTY LINE
	EASEMENT
	PARCEL
	RIGHT-OF-WAY
	NEW ASPHALT
	EXISTING ASPHALT
	CENTERLINE
	CONTOUR LINE, FINISHED GRADE
	CONTOUR LINE, EXISTING GRADE
	FINISHED ELEVATION
	EXISTING ELEVATION
	CUT OR FILL SLOPE TO BE CONSTRUCTED
	SILT FENCE
	FENCE
	RAILING
	DITCH
	CULVERT
	RIPRAP
	TREE LINE/VEGETATION
	EXISTING STRUCTURE OR FACILITY
	NEW STRUCTURE OR FACILITY
	FUTURE STRUCTURE OR FACILITY
	NEW PIPELINE (CIVIL SHEETS)
	NEW PIPELINE 10" DIA AND SMALLER (CIVIL SHEETS)
	EXISTING UTILITY PIPELINE
	ATMS
	CABLE
	COMMUNICATION BURIED
	COMMUNICATION OVERHEAD
	ELECTRICAL BURIED
	ELECTRICAL OVERHEAD
	FIBER OPTICS OVERHEAD
	FIBER OPTICS UNDERGROUND
	GAS
	IRRIGATION
	PETROLEUM LINE
	SANITARY SEWER
	STORM DRAIN
	TELEPHONE BURIED
	TELEPHONE OVERHEAD
	WATERLINE
	CABLE BOX
	CATCH BASIN
	ELECTRICAL BOX
	HYDRANT
	GAS MANHOLE
	SEWER MANHOLE
	STORM DRAIN MANHOLE
	TELEPHONE MANHOLE
	WATER MANHOLE
	WATER METER

	POWER POLE
	TELEPHONE BOX
	LIGHT POLE ONE LUMINAIRE
	LIGHT POLE TWO LUMINAIRES
	LIGHT POLE
	STREET LIGHT WITH BRACKET
	TO BE REMOVED OR ABANDONED
	MASONRY
	STEEL
	ASPHALT
	INSULATION
	GRAVEL
	CONCRETE
	EARTH
	SAND
	ALUMINUM OR METAL DECKING
	CHECKERED PLATE
	GRATING
	PLASTIC, RUBBER OR NEOPRENE
	WOOD (ROUGH FRAMING) OR, OPENING OR DEPRESSION IN SLAB OR WALL
	FHC FIRE HOSE CABINET
	FE FIRE EXTINGUISHER
	UNIT HEATER
	PCOTG PRESSURE CLEANOUT TO GRADE
	WCO WALL CLEANOUT
	FCO FLOOR CLEANOUT
	COTG CLEANOUT TO GRADE
	BLOW OFF ASSEMBLY
	HUB DRAIN
	FLOOR DRAIN
	FLOOR SINK
	DRAIN TRAP
	CHANGE IN PIPING MATERIAL
	PIPE SIZE AND TYPE/FLUID ABBREVIATION (USE FOR EXISTING PIPE CALLOUT)
	PIPE CALLOUT (SEE PIPING SCHEDULE)
	EQUIPMENT NUMBER (SEE EQUIPMENT SCHEDULE)
	STOP GATE
	SLIDE GATE
	SLUICE GATE
	GATE VALVE
	HOSE BIBB (H/B)
	REDUCER OR INCREASER
	LIQUID SURFACE EL
	REVISION WORK
	REFERENCE TO NOTE

**UPRR GENERAL CONSTRUCTION REQUIREMENTS:**

- ALL WORK WITHIN 25' OF TRACK, OVER TRACK, OR WITH POTENTIAL TO FOUL TRACK REQUIRES UPRR FLAGMAN TO BE ON SITE. THIS REQUIREMENT IS NON-NEGOTIABLE.
- ALL EQUIPMENT, MATERIALS, AND PERSONNEL SHALL REMAIN OUTSIDE THE MINIMUM CONSTRUCTION CLEARANCE ENVELOPE, EXCEPT WHEN WITHIN PRE-DETERMINED TRACK CURFEWS.
- ALL PERSONNEL MUST CLEAR THE AREA WITHIN 25 FEET OF THE TRACK CENTERLINE AND SECURE ALL EQUIPMENT DURING THE APPROACH AND PASSAGE OF A TRAIN.
- EQUIPMENT SHALL NOT BE SUPPORTED BY THE TRACK BALLAST, SUB-BALLAST, TIES OR RAILS AT ANY TIME.
- STORAGE AND STAGING AREAS ARE NOT PERMITTED WITHIN UPRR RIGHT OF WAY, EXCEPT WITHIN PRE-APPROVED ZONES SUCH AS EASEMENTS.
- TEMPORARY TRACK CROSSINGS MUST BE APPROVED BY UPRR'S LOCAL OPERATING UNIT AND UPRR MANAGER OF INDUSTRY AND PUBLIC PROJECTS PRIOR TO START OF CONSTRUCTION.
- TRACK CROSSINGS AND USE OF UPRR ACCESS ROADS/HAUL ROADS MUST BE COORDINATED WITH UPRR'S LOCAL MANAGER OF TRACK MAINTENANCE (AND YARD MASTER, IF WITHIN YARD LIMITS).
- TEMPORARY DRAINAGE STRUCTURES AND/OR BMP'S SHALL NOT DIRECT STORMWATER TOWARDS UPRR TRACKS OR ACCESS ROADS.
- UNATTENDED EXCAVATIONS WITHIN UPRR RIGHT OF WAY SHALL BE PROPERLY SECURED BY FENCING AND/OR COVERING(S) PER OSHA REQUIREMENTS.
- ALL UTILITIES WITHIN UPRR RIGHT OF WAY MUST BE IDENTIFIED AND MARKED PRIOR TO START OF CONSTRUCTION, UPRR CALL BEFORE YOU DIG: UP.COM/CBUD

**GENERAL NOTES**

- COORDINATE WITH SOUTH JORDAN CITY AND JERRY SEINER AUTOMOBILE DEALERSHIPS DURING TEMPORARY CLOSURE OF 300 W WHILE REPLACING THE BOX CULVERT.

**BOWEN COLLINS ASSOCIATES**

NO.	DATE	REV. BY	DESCRIPTION

**300 WEST DRY CREEK BOX CULVERT REPLACEMENT**

SOUTH JORDAN CITY SOUTH JORDAN, UTAH

DESIGN DESIGN: B. KNAGGS DRAWN: B. KNAGGS	REVIEW CHECKED: C. BAGLEY APPROVED: B. KNAGGS	VERIFY SCALE BAR IS ONE INCH ON ORIGINAL DRAWING	
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**GENERAL NOTES AND SYMBOLS**

DATE: JUNE 2023 PROJECT NUMBER: 009-22-02

DRAWING NO. **G-03**

SHEET **03** OF **15**



1.1 SOUTH JORDAN CITY GENERAL NOTES

- 1. ALL WORK DONE OR IMPROVEMENTS INSTALLED WITHIN SOUTH JORDAN CITY INCLUDING BUT NOT LIMITED TO EXCAVATION, CONSTRUCTION, ROADWORK AND UTILITIES SHALL CONFORM TO THE SOUTH JORDAN CITY CONSTRUCTION STANDARDS AND SPECIFICATIONS, CITY MUNICIPAL CODE, THE LATEST EDITION OF THE APWA MANUAL OF STANDARD SPECIFICATIONS AND MANUAL OF STANDARD PLANS, THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND ANY STATE OR FEDERAL REGULATIONS AND PERMIT REQUIREMENTS OF VARIOUS GOVERNING BODIES. THE CONTRACTOR IS RESPONSIBLE TO HAVE A COPY OF THESE SPECIFICATIONS AND TO KNOW AND CONFORM TO THE APPROPRIATE CODES, REGULATIONS, DRAWINGS, STANDARDS AND SPECIFICATIONS.
2. THE EXISTENCE AND LOCATION OF ANY OVERHEAD OR UNDERGROUND UTILITY LINES, PIPES, OR STRUCTURES SHOWN ON THESE PLANS ARE OBTAINED BY A RESEARCH OF THE AVAILABLE RECORDS. EXISTING UTILITIES ARE LOCATED ON PLANS ONLY FOR THE CONVENIENCE OF THE CONTRACTOR. THE CONTRACTOR SHALL BEAR FULL RESPONSIBILITY FOR THE PROTECTION OF UTILITIES AND THE ENGINEER BEARS NO RESPONSIBILITY FOR UTILITIES NOT SHOWN ON THE PLANS OR NOT IN THE LOCATION SHOWN ON THE PLANS. THIS INCLUDES ALL SERVICE LATERALS OF ANY KIND. THE CONTRACTOR SHALL, AT HIS OWN EXPENSE, LOCATE ALL UNDERGROUND AND OVERHEAD INTERFERENCES, WHICH MAY AFFECT HIS OPERATION DURING CONSTRUCTION AND SHALL TAKE ALL NECESSARY PRECAUTIONS TO AVOID DAMAGE TO SAME. THE CONTRACTOR SHALL USE EXTREME CAUTION WHEN WORKING NEAR OVERHEAD UTILITIES SO AS TO SAFELY PROTECT ALL PERSONNEL AND EQUIPMENT, AND SHALL BE RESPONSIBLE FOR ALL COST AND LIABILITY IN CONNECTION THEREWITH.
3. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONARY MEASURES NECESSARY TO PROTECT EXISTING UTILITY LINES, STRUCTURES, SURVEY MONUMENTS AND STREET IMPROVEMENTS WHICH ARE TO REMAIN IN PLACE, FROM DAMAGE, AND ALL SUCH IMPROVEMENTS OR STRUCTURES DAMAGED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED OR REPLACED SATISFACTORY TO THE CITY ENGINEER AND OWNING UTILITY COMPANY AT THE EXPENSE OF THE CONTRACTOR.
4. ALL CONSTRUCTION SHALL BE AS SHOWN ON THESE PLANS, ANY REVISIONS SHALL HAVE THE PRIOR WRITTEN APPROVAL OF THE CITY ENGINEER.
5. PERMITS ARE REQUIRED FOR ANY WORK IN THE PUBLIC WAY. THE CONTRACTOR SHALL SECURE ALL PERMITS AND INSPECTIONS REQUIRED FOR THIS CONSTRUCTION.
6. CURB, GUTTER, AND SIDEWALK, FOUND TO BE UNACCEPTABLE PER CITY STANDARDS AND APWA SHALL BE REMOVED AND REPLACED.
7. CONTRACTOR SHALL PROVIDE ALL NECESSARY HORIZONTAL AND VERTICAL TRANSITIONS BETWEEN NEW CONSTRUCTION AND EXISTING SURFACES TO PROVIDE FOR PROPER DRAINAGE AND FOR INGRESS AND EGRESS TO NEW CONSTRUCTION. THE EXTENT OF TRANSITIONS TO BE AS SHOWN ON PLANS.
8. ANY SURVEY MONUMENTS DISTURBED SHALL BE REPLACED AND ADJUSTED PER SALT LAKE COUNTY SURVEYORS REQUIREMENTS.
9. ALL CONSTRUCTION MATERIALS PER APWA MUST BE SUBMITTED AND APPROVED BY THE CITY ENGINEER PRIOR TO THE PLACEMENT OF ASPHALT WITHIN CITY RIGHT OF WAY.
10. REQUEST FOR INSPECTION BY THE CITY OF SOUTH JORDAN ENGINEERING DEPT. SHALL BE MADE BY THE CONTRACTOR AT LEAST 48 HOURS BEFORE THE INSPECTION SERVICES WILL BE REQUIRED, EXCEPT IN AN EMERGENCY AS DEFINED BY THE SOUTH JORDAN CITY MUNICIPAL CODE § 12.08.010.
11. WORK IN PUBLIC WAY, ONCE BEGUN, SHALL BE PROSECUTED TO COMPLETION WITHOUT DELAY AS TO PROVIDE MINIMUM INCONVENIENCE TO ADJACENT PROPERTY OWNERS AND TO THE TRAVELING PUBLIC.
12. THE CONTRACTOR SHALL TAKE ALL NECESSARY AND PROPER PRECAUTIONS TO PROTECT ADJACENT PROPERTIES FROM ANY AND ALL DAMAGE THAT MAY OCCUR FROM STORM WATER RUNOFF AND/OR DEPOSITION OF DEBRIS RESULTING FROM ANY AND ALL WORK IN CONNECTION WITH CONSTRUCTION.
13. POWER POLES AND/OR OTHER EXISTING FACILITIES NOT IN PROPER LOCATION BASED ON PROPOSED IMPROVEMENTS SHOWN HEREON WILL BE RELOCATED AT NO EXPENSE TO THE CITY OF SOUTH JORDAN. POWER LINES AND ALL OTHER AERIAL UTILITIES ARE TO BE BURIED AND POLES REMOVED AS DETERMINED BY THE CITY ENGINEER.

- 14. CONTRACTOR TO FOLLOW SALT LAKE COUNTY NOISE ORDINANCE STANDARDS.
15. CONTRACTORS ARE RESPONSIBLE FOR ALL OSHA REQUIREMENTS ON THE PROJECT SITE.
16. A UPDES (UTAH POLLUTANT DISCHARGE ELIMINATION SYSTEM) PERMIT IS REQUIRED FOR ALL CONSTRUCTION ACTIVITIES AS PER STATE LAW AS WELL AS PROVIDING A STORM WATER POLLUTION PREVENTION PLAN TO THE CITY.
17. DEVELOPER IS RESPONSIBLE FOR LOCATING AND REPAIRING ALL UNDERGROUND STREETLIGHT WIRES, WATER LINES, STORM DRAIN LINES AND IRRIGATION LINES UNTIL 90% OF THE BOND HAS BEEN RELEASED.
18. ALL CITY MAINTAINED UTILITIES INCLUDING; WATERLINE, FIRE HYDRANTS, STREETLIGHT WIRING, AND STORM DRAIN MUST BE IN PUBLIC RIGHT OF WAY OR IN RECORDED EASEMENTS.
19. CONTRACTOR SHALL WORK SOUTH JORDAN CITY REGULAR WORKING HOURS OF MONDAY THROUGH FRIDAY 7:00 AM TO 4:00 PM. IF CONTRACTOR PERMITS OVERTIME WORK OR WORK ON A SATURDAY, SUNDAY OR ANY LEGAL HOLIDAY, CONTRACTOR SHALL RECEIVE PRIOR APPROVAL BY CITY ENGINEER. CONTRACTOR SHALL OBTAIN ALL PERMITS AND PAY OVERTIME INSPECTION FEE'S TO THE CITY OF SOUTH JORDAN ON THE THURSDAY PRIOR TO THE SATURDAY, SUNDAY OR LEGAL HOLIDAY REQUESTED. THIS APPLIES TO ALL WORK WITHIN THE PUBLIC RIGHT OF WAY INCLUDING TRAFFIC CONTROL AND ACCESS.
20. PRIOR TO 90% BOND RELEASE, A LEGIBLE AS-BUILT DRAWING MUST BE SUBMITTED TO THE CITY OF SOUTH JORDAN STAMPED AND SIGNED BY A PROFESSIONAL ENGINEER. AS-BUILTS MUST SHOW ALL CHANGES AND ACTUAL FIELD LOCATIONS OF STORM DRAINAGE, WATERLINES, IRRIGATION, STREET LIGHTING, AND POWER. AS-BUILTS WILL BE HELD TO THE SAME STANDARD AS APPROVED DESIGN DRAWINGS, NO "REDLINED PLANS" ALLOWED. IN THE ABSENCE OF CHANGES, COPIES OF THE APPROVED DRAWINGS WILL BE REQUIRED STATING "INSTALLED AS PER DRAWINGS". AS-BUILT DRAWINGS FOR NEW DEVELOPMENTS SHALL BE SUBMITTED TO THE CITY IN THE FOLLOWING FORMATS AND QUANTITIES PRIOR TO THE 90% BOND RELEASE: 1 .DXF COPY, 1 .PDF COPY.
21. FILTER FABRIC WRAPPED AROUND AN INLET GRATE IS NOT AN ACCEPTABLE INLET SEDIMENT BARRIER. SEE CHAPTER 9 OF SOUTH JORDAN CITY CONSTRUCTION STANDARDS AND SPECIFICATIONS FOR DETAILS OF APPROVED STORM WATER BMPS.
22. ASPHALT PAVING BETWEEN OCTOBER 15 AND APRIL 15 IS NOT ALLOWED WITHOUT A WRITTEN EXCEPTION FROM THE ENGINEERING DEPARTMENT.
23. TO ENSURE PROPER PLANTING, PROTECTION AND IRRIGATION OF TREES, MITIGATING RISK OF TREE FAILURE OR FUTURE DAMAGE TO INFRASTRUCTURE, CONTRACTORS ARE REQUIRED TO FOLLOW THE STANDARDS AND SPECIFICATIONS OF THE ISA - INTERNATIONAL SOCIETY OF ARBORICULTURE.
24. ALL SMALL CELL CONSTRUCTION MUST FOLLOW THE SOUTH JORDAN CITY SMALL CELL INFRASTRUCTURE DESIGN GUIDELINES.
25. WHEN A PROPOSED DEVELOPMENT BORDERS A COLLECTOR, MINOR COLLECTOR OR ARTERIAL STREET AND IS REQUIRED TO CONSTRUCT COLLECTOR STREET FENCING ALONG THE BACK OF SIDEWALK, THE DEVELOPMENT SHALL ALSO BE REQUIRED PUT IN A CONCRETE MOW STRIP FROM THE BACK OF SIDEWALK TO UNDERNEATH THE FENCE PANELS. CONCRETE MOW STRIPS SHALL ALSO BE REQUIRED BETWEEN THE SIDEWALK AND FENCING ALONG THE REAR OF DOUBLE FRONTAGE LOTS.

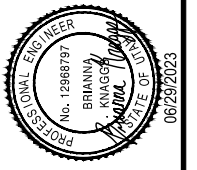
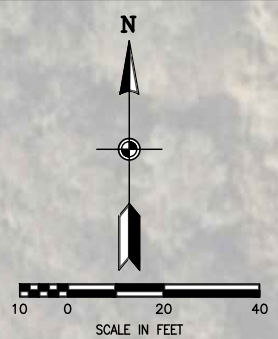
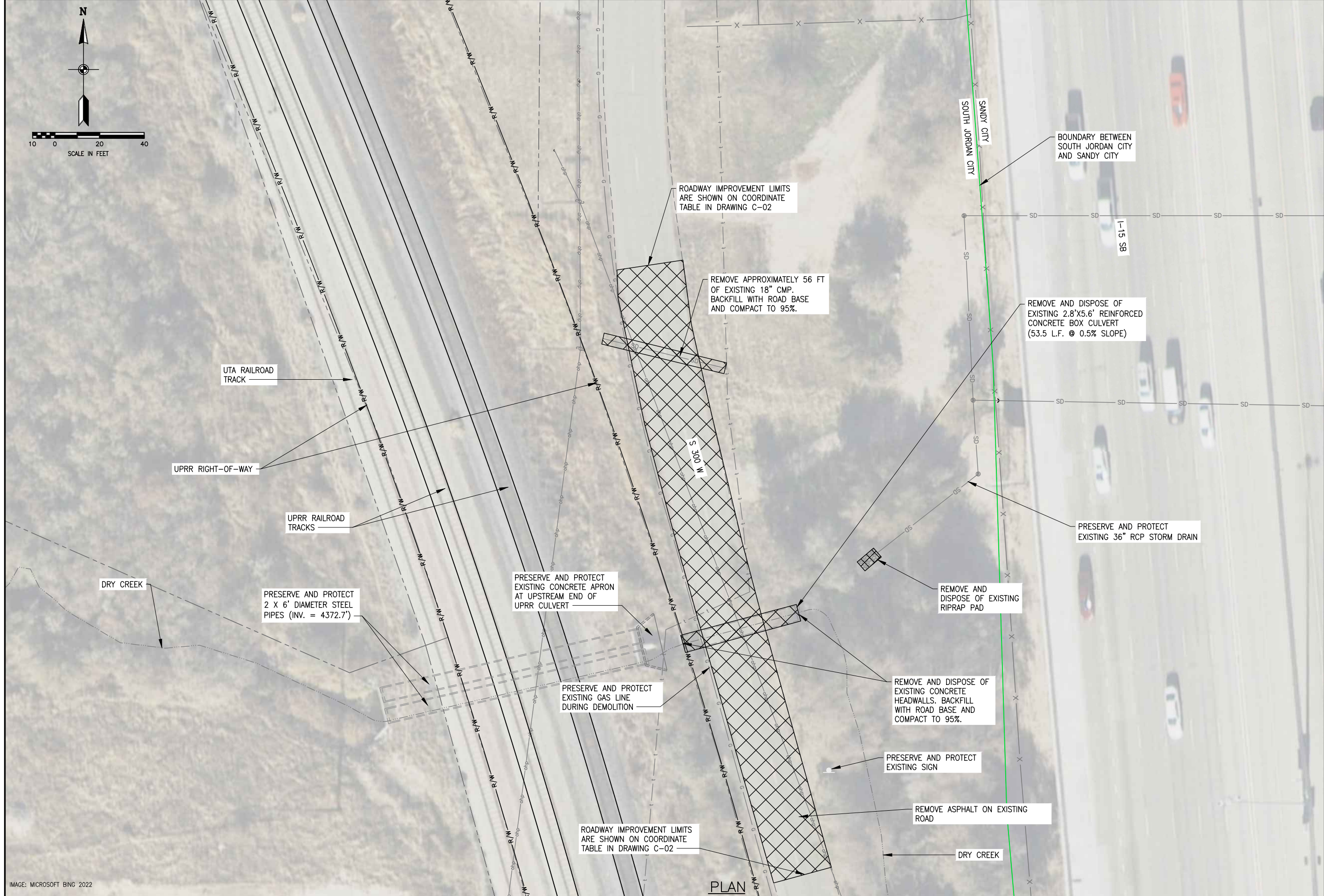
1.2 CITY OF SOUTH JORDAN TRAFFIC NOTES

- 26. 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, PUBLIC WORKS DIRECTOR OR DESIGNEE.
27. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND INSTALLING ALL PERMANENT SIGNS SHOWN ON THE PLANS. STREET NAME SIGNS SHALL CONFORM IN THEIR ENTIRETY TO CURRENT CITY STANDARDS. ALL OTHER SIGNS SHALL BE STANDARD SIZE UNLESS OTHERWISE SPECIFIED ON THE PLANS. ALL SIGN POSTS SHALL BE INSTALLED IN ACCORDANCE WITH THE CURRENT CITY STANDARDS.

1.4 CITY OF SOUTH JORDAN GRADING NOTES

- 39. IN THE EVENT THAT ANY UNFORESEEN CONDITIONS NOT COVERED BY THESE NOTES ARE ENCOUNTERED DURING GRADING OPERATIONS, THE OWNER AND CITY ENGINEER SHALL BE IMMEDIATELY NOTIFIED FOR DIRECTION.
40. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM ALL NECESSARY CUTS AND FILLS WITHIN THE LIMITS OF THIS PROJECT AND THE RELATED OFF-SITE WORK, SO AS TO GENERATE THE DESIRED SUBGRADE, FINISH GRADES AND SLOPES SHOWN.
41. CONTRACTOR SHALL TAKE FULL RESPONSIBILITY FOR ALL EXCAVATION. ADEQUATE SHORING SHALL BE DESIGNED AND PROVIDED BY THE CONTRACTOR TO PREVENT UNDERMINING OF ANY ADJACENT FEATURES OR FACILITIES AND/OR CAVING OF THE EXCAVATION.
42. THE CONTRACTOR IS WARNED THAT AN EARTHWORK BALANCE WAS NOT NECESSARILY THE INTENT OF THIS PROJECT. ANY ADDITIONAL MATERIAL REQUIRED OR LEFTOVER MATERIAL FOLLOWING EARTHWORK OPERATIONS BECOMES THE RESPONSIBILITY OF THE CONTRACTOR.
43. CONTRACTOR SHALL GRADE TO THE LINES AND ELEVATIONS SHOWN ON THE PLANS WITHIN THE FOLLOWING HORIZONTAL AND VERTICAL TOLERANCES AND DEGREES OF COMPACTION, IN THE AREAS INDICATED:
HORIZONTAL VERTICAL COMPACTION
PAVEMENT AREA SUBGRADE 0.1'+ +0.0' TO -0.1' SEE SOILS ENGINEERED FILL 0.5'+ +0.1' TO -0.1' SEE SOILS COMPACTION TESTING WILL BE PERFORMED BY THE DEVELOPER OR HIS REPRESENTATIVE.
44. ALL CUT AND FILL SLOPES SHALL BE PROTECTED UNTIL EFFECTIVE EROSION CONTROL HAS BEEN ESTABLISHED.
45. THE USE OF POTABLE WATER WITHOUT A SPECIAL PERMIT FOR BUILDING OR CONSTRUCTION PURPOSES INCLUDING CONSOLIDATION OF BACKFILL OR DUST CONTROL IS PROHIBITED. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS FOR CONSTRUCTION WATER FROM THE PUBLIC WORKS DEPARTMENT.
46. THE CONTRACTOR SHALL MAINTAIN THE STREETS, SIDEWALKS AND ALL OTHER PUBLIC RIGHT-OF- WAY IN A CLEAN, SAFE AND USABLE CONDITION. ALL SPILLS OF SOIL, ROCK OR CONSTRUCTION DEBRIS SHALL BE PROMPTLY REMOVED FROM THE PUBLICLY OWNED PROPERTY DURING CONSTRUCTION AND UPON COMPLETION OF THE PROJECT. ALL ADJACENT PROPERTY, PRIVATE OR PUBLIC SHALL BE MAINTAINED IN A CLEAN, SAFE AND USABLE CONDITION.
47. IN THE EVENT THAT ANY TEMPORARY CONSTRUCTION ITEM IS REQUIRED THAT IS NOT SHOWN ON THESE DRAWINGS, THE DEVELOPER AGREES TO PROVIDE AND INSTALL SUCH ITEM AT HIS OWN EXPENSE AND AT THE DIRECTION OF THE CITY ENGINEER. TEMPORARY CONSTRUCTION INCLUDES DITCHES, BERMS, ROAD SIGNS AND BARRICADES, ETC.

Professional Engineer Seal for Brinna Knaggs, No. 12988797, State of Utah, expires 06/29/2023. Project title: 300 WEST DRY CREEK BOX CULVERT REPLACEMENT. Designer: B. Knaggs, Reviewer: C. Bagley, Checked: C. Bagley, Approved: B. Knaggs. Date: June 2023. Project Number: 009-22-02. Drawing No. G-04. Sheet 04 of 15. Includes logos for Bowen Collins Associates and South Jordan City.

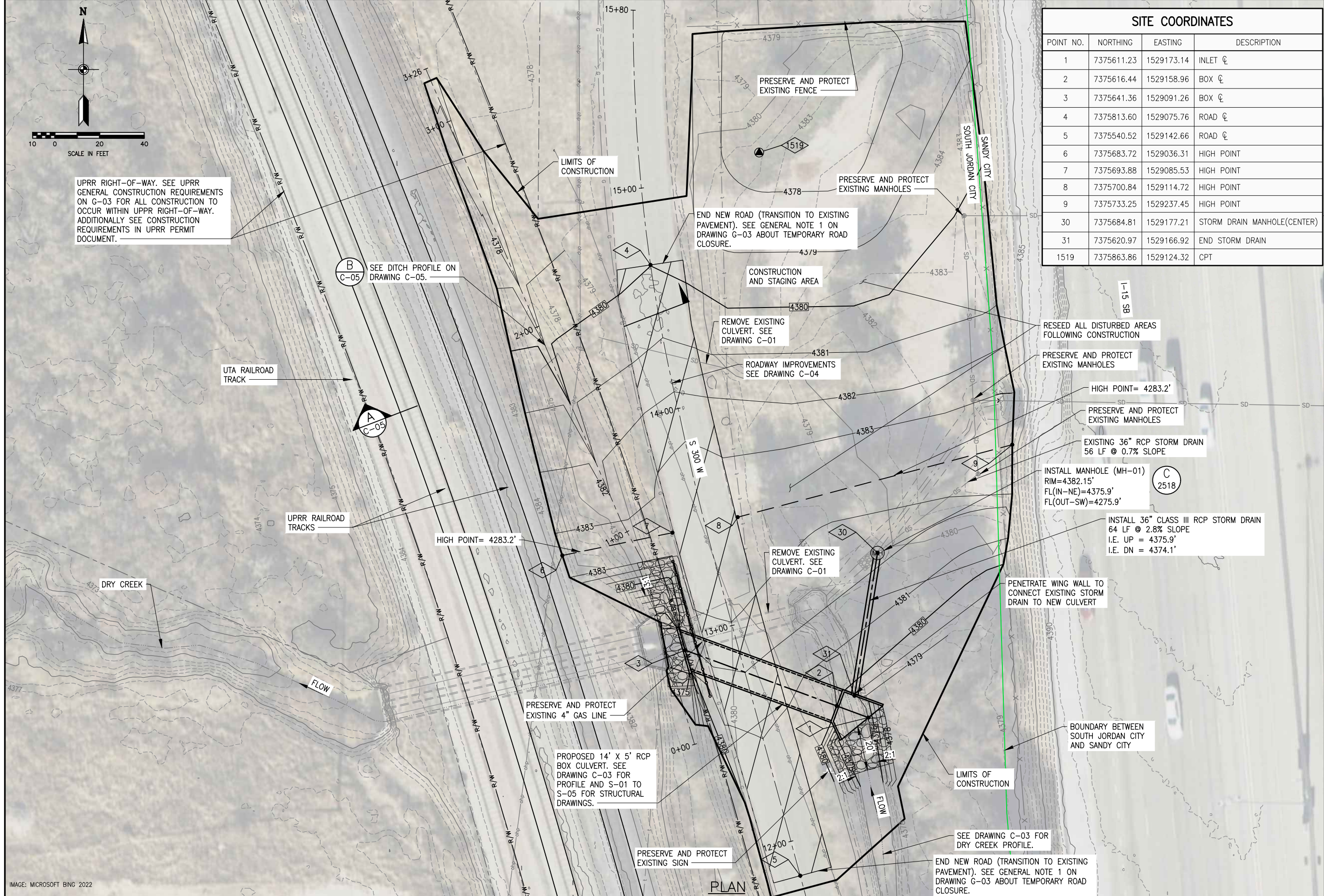


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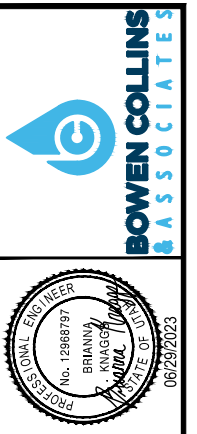
SOUTH JORDAN CITY		SOUTH JORDAN, UTAH	
<b>300 WEST DRY CREEK BOX CULVERT REPLACEMENT</b>			
DESIGN	REVIEW	CHECKED	APPROVED
B. KNAGGS	C. BAGLEY	C. BAGLEY	B. KNAGGS
VERIFY SCALE BAR IS ONE INCH ON ORIGINAL DRAWING			

CIVIL	PROJECT NUMBER
<b>DEMOLITION PLAN</b>	009-22-02
DATE:	JUNE 2023

IMAGE: MICROSOFT BING 2022  
P:\Sandy City\009-22-00 300 W Dry Creek Culvert\2.0 Design Phase\2.7 Drawing\ahf\0092200\_C-01.dwg Plotted: 6/30/2023 7:33 AM By: Brianna Knaggs



SITE COORDINATES			
POINT NO.	NORTHING	EASTING	DESCRIPTION
1	7375611.23	1529173.14	INLET ☐
2	7375616.44	1529158.96	BOX ☐
3	7375641.36	1529091.26	BOX ☐
4	7375813.60	1529075.76	ROAD ☐
5	7375540.52	1529142.66	ROAD ☐
6	7375683.72	1529036.31	HIGH POINT
7	7375693.88	1529085.53	HIGH POINT
8	7375700.84	1529114.72	HIGH POINT
9	7375733.25	1529237.45	HIGH POINT
30	7375684.81	1529177.21	STORM DRAIN MANHOLE(CENTER)
31	7375620.97	1529166.92	END STORM DRAIN
1519	7375863.86	1529124.32	CPT



NO.	DATE	REV. BY	DESCRIPTION

DESIGN DESIGN: B. KNAGGS DRAWN: B. KNAGGS	REVIEW CHECKED: C. BAGLEY APPROVED: B. KNAGGS	VERIFY SCALE BAR IS ONE INCH ON ORIGINAL DRAWING
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CIVIL  
**SITE GRADING PLAN**  
 DATE: JUNE 2023  
 PROJECT NUMBER: 009-22-02

IMAGE: MICROSOFT BING 2022

P:\Sandy City\009-22-00 300 W Dry Creek Culvert\2.0 Design Phase\2.7 Drawings\ah\0092200\_C-02.dwg Plotted: 6/30/2023 7:49 AM By: Brianna Knaggs

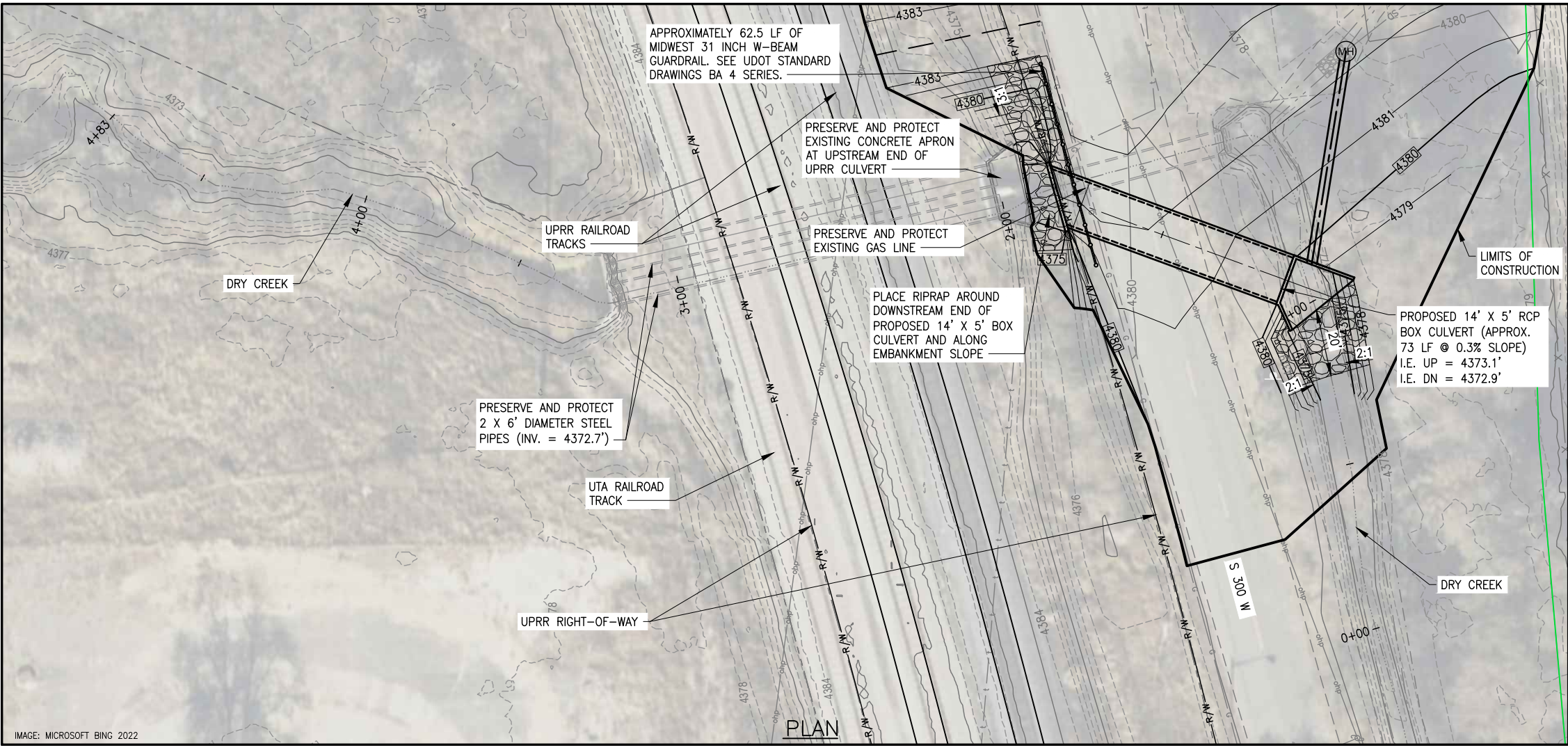
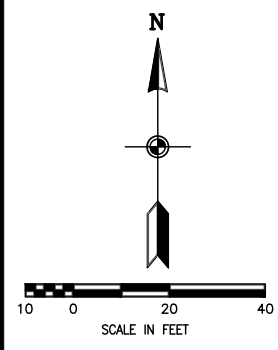
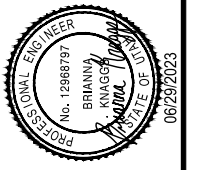
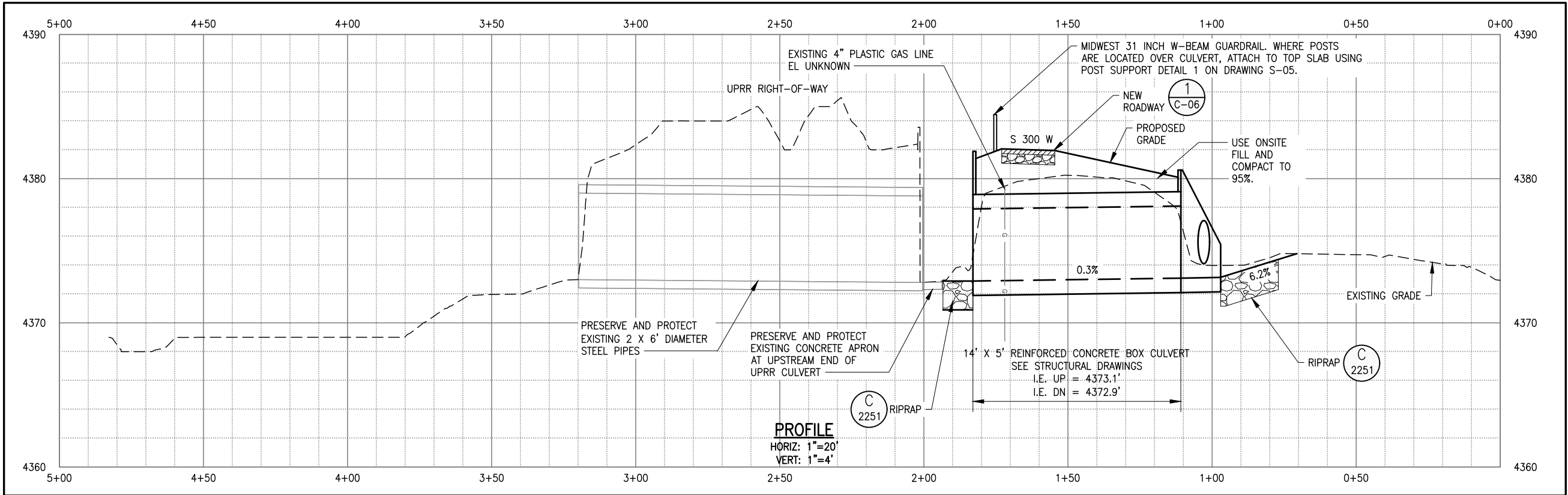


IMAGE: MICROSOFT BING 2022



NO.	DATE	REV. BY	DESCRIPTION

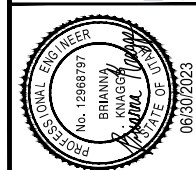
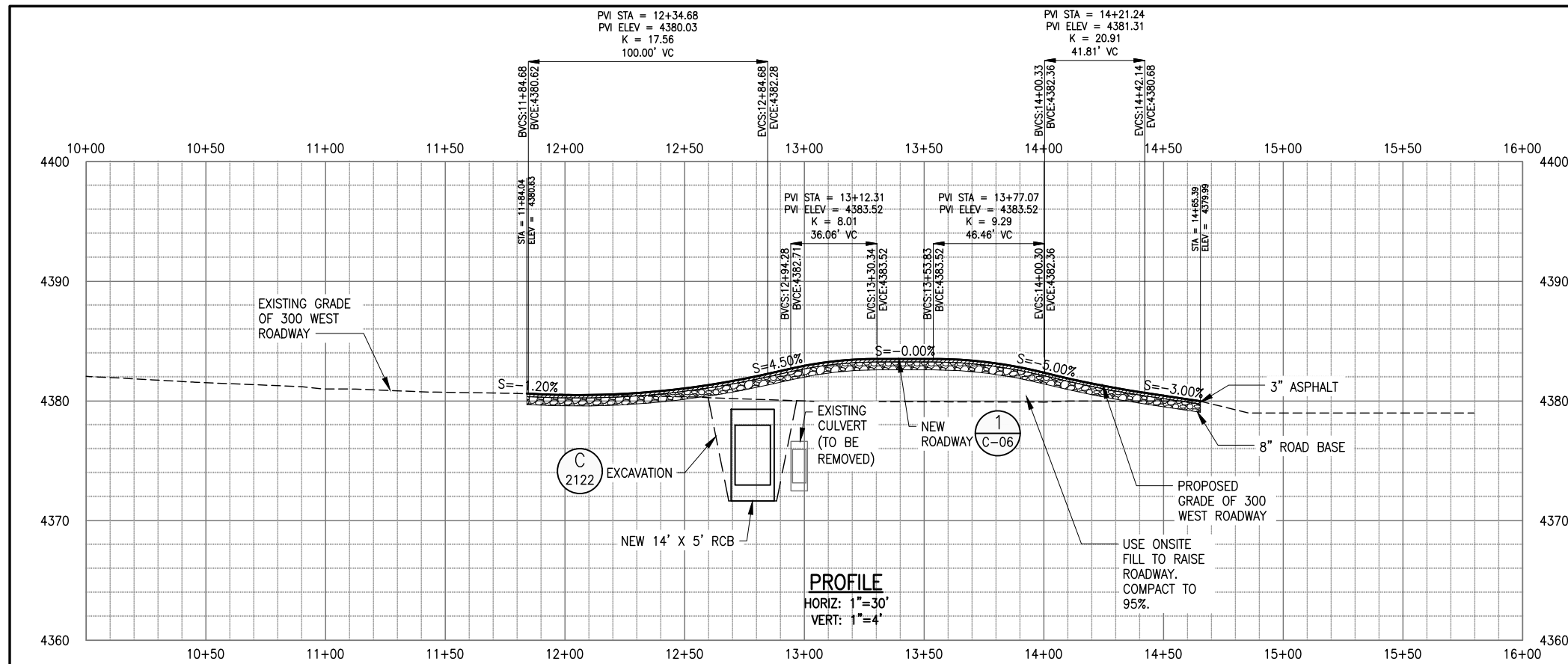
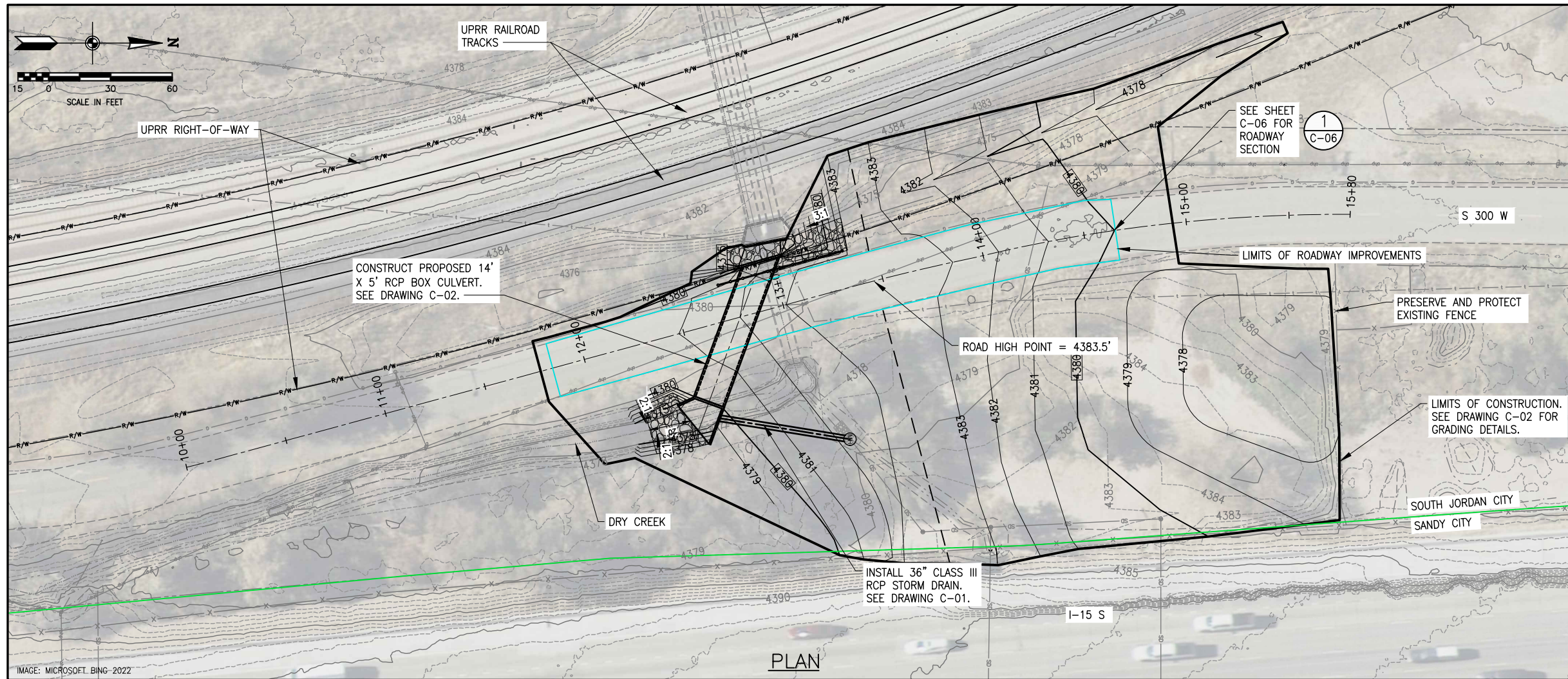
VERIFY SCALE  
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DESIGN: B. KNAGGS  
 DRAWN: B. KNAGGS  
 REVIEW: C. BAGLEY  
 CHECKED: C. BAGLEY  
 APPROVED: B. KNAGGS

300 WEST DRY CREEK BOX CULVERT REPLACEMENT  
 SOUTH JORDAN CITY  
 SOUTH JORDAN, UTAH

CIVIL  
 DRY CREEK CHANNEL  
 PLAN AND PROFILE  
 DATE: JUNE 2023  
 PROJECT NUMBER: 009-22-02

DRAWING NO.  
**C-03**  
 SHEET 07 OF 15



NO.	DATE	REV. BY	DESCRIPTION

VERIFY SCALE  
 BAR IS ONE INCH ON ORIGINAL DRAWING

DESIGN: B. KNAGGS  
 CHECKED: C. BAGLEY  
 APPROVED: B. KNAGGS

REVIEW: C. BAGLEY  
 APPROVED: B. KNAGGS

SOUTH JORDAN CITY  
 300 WEST DRY CREEK BOX CULVERT REPLACEMENT  
 SOUTH JORDAN, UTAH

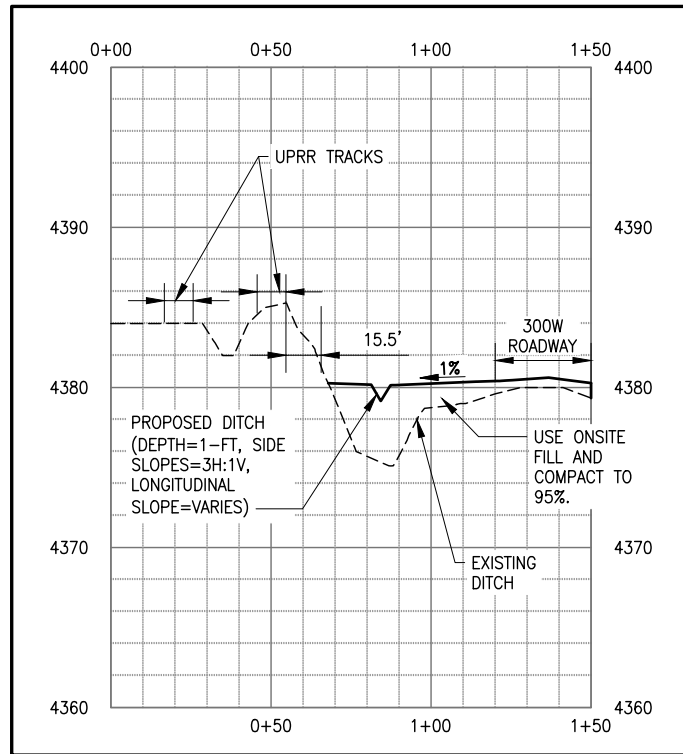
CIVIL

300 WEST ROAD IMPROVEMENTS PLAN AND DPROFILE

DATE: JUNE 2023  
 PROJECT NUMBER: 009-22-02

DRAWING NO. C-04  
 SHEET 08 OF 15

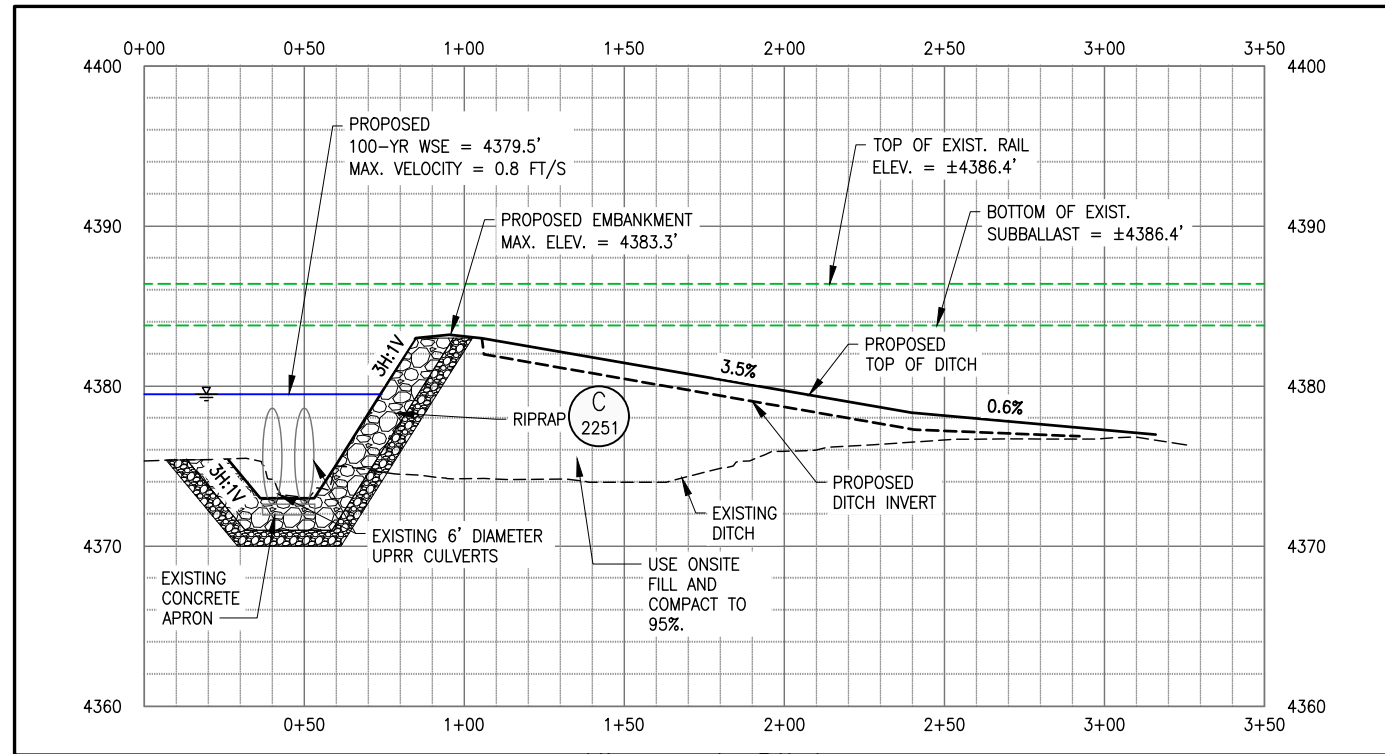
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**CROSS SECTION AT UPRR TRACKS**

SCALE: HORZ. 1"=30'  
VERT. 1"=5'

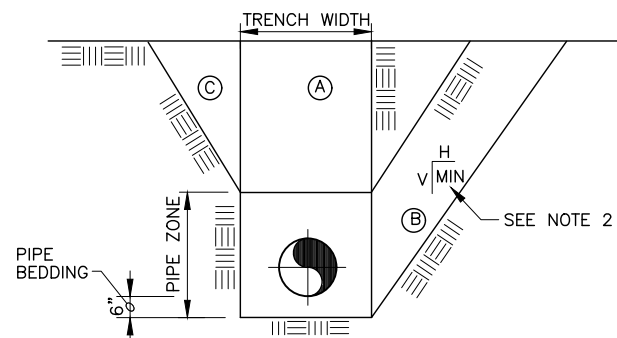
**A**  
C-02



**DITCH AND EMBANKMENT PROFILE**

SCALE: HORZ. 1"=30'  
VERT. 1"=5'

**B**  
C-02



**TYPICAL TRENCH EXCAVATION SECTION**

ALTERNATE TRENCH SECTIONS (A) (B) & (C)  
**(A) VERTICAL TRENCH WALL**  
MAX UNSUPPORTED HEIGHT=3.5 FT.  
FOR DEPTH OVER 3.5 FT SHORING OR SHEATHING REQUIRED.

NOT TO BE USED WITHOUT APPROVAL OF ENGINEER.  
REQUIRES IMPROVED PIPE ZONE BACKFILL OR INCREASE IN PIPE CLASS

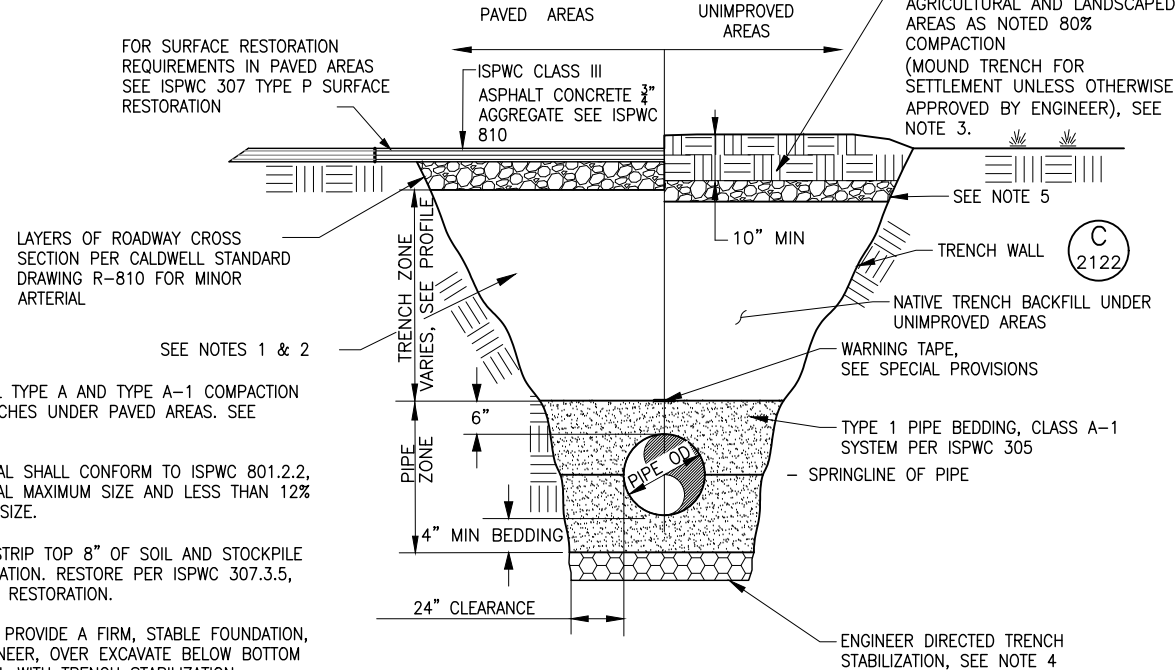
**COMBINATION VERTICAL/SLOPING TRENCH**  
TRENCH IN PIPE ZONE SHALL HAVE VERTICAL WALLS WHERE STABLE SOIL EXISTS.

1. TRENCH EXCAVATIONS TO BE IN ACCORDANCE WITH OSHA SAFETY AND HEALTH STANDARDS FOR CONSTRUCTION. (29 CFR 1926).
2. CONTRACTOR TO PROVIDE SHORING OR TRENCH BOX IN ROADWAY AREAS TO MINIMIZE TRENCH WIDTH.
3. CONTRACTOR TO PROVIDE ALL DEWATERING MEASURES AS REQUIRED. GROUNDWATER ELEVATION SHALL BE MAINTAINED 2- FEET BELOW BOTTOM OF TRENCH UNTIL BACKFILL IS COMPLETE.

**TYPICAL TRENCH EXCAVATION SECTION**

NTS

**C**  
2122



**TYPICAL TRENCH BACKFILL SECTION**

NTS

**C**  
2124

NO.	DATE	REV. BY	DESCRIPTION

**VERIFY SCALE**  
BAR IS ONE INCH ON ORIGINAL DRAWING

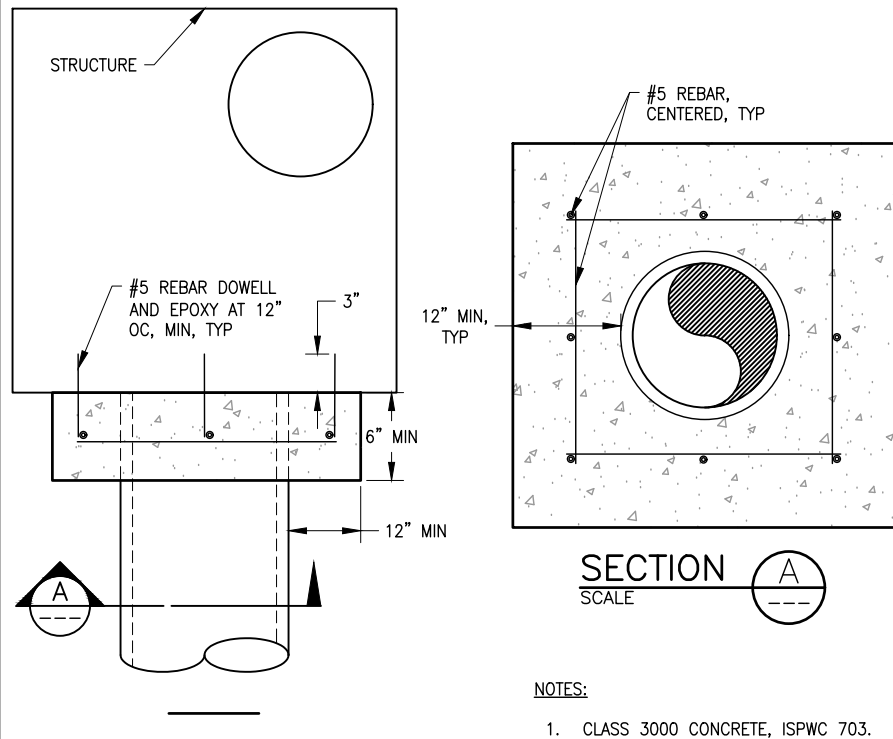
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CHECKED: C. BAGLEY  
APPROVED: B. KNAGGS

REVIEW: B. KNAGGS  
DESIGN: B. KNAGGS  
DRAWN: B. KNAGGS

SOUTH JORDAN CITY  
SOUTH JORDAN, UTAH  
**300 WEST DRY CREEK BOX CULVERT REPLACEMENT**  
CIVIL  
**CIVIL DETAILS - 1**  
DATE: JUNE 2023  
PROJECT NUMBER: 009-22-02

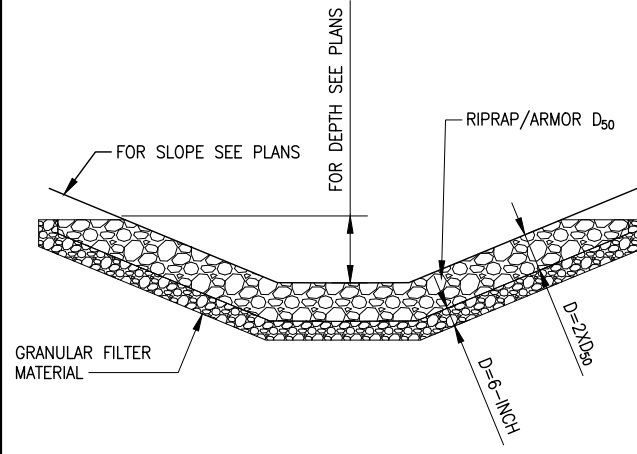
DRAWING NO. **C-05**

SHEET **09** OF **15**



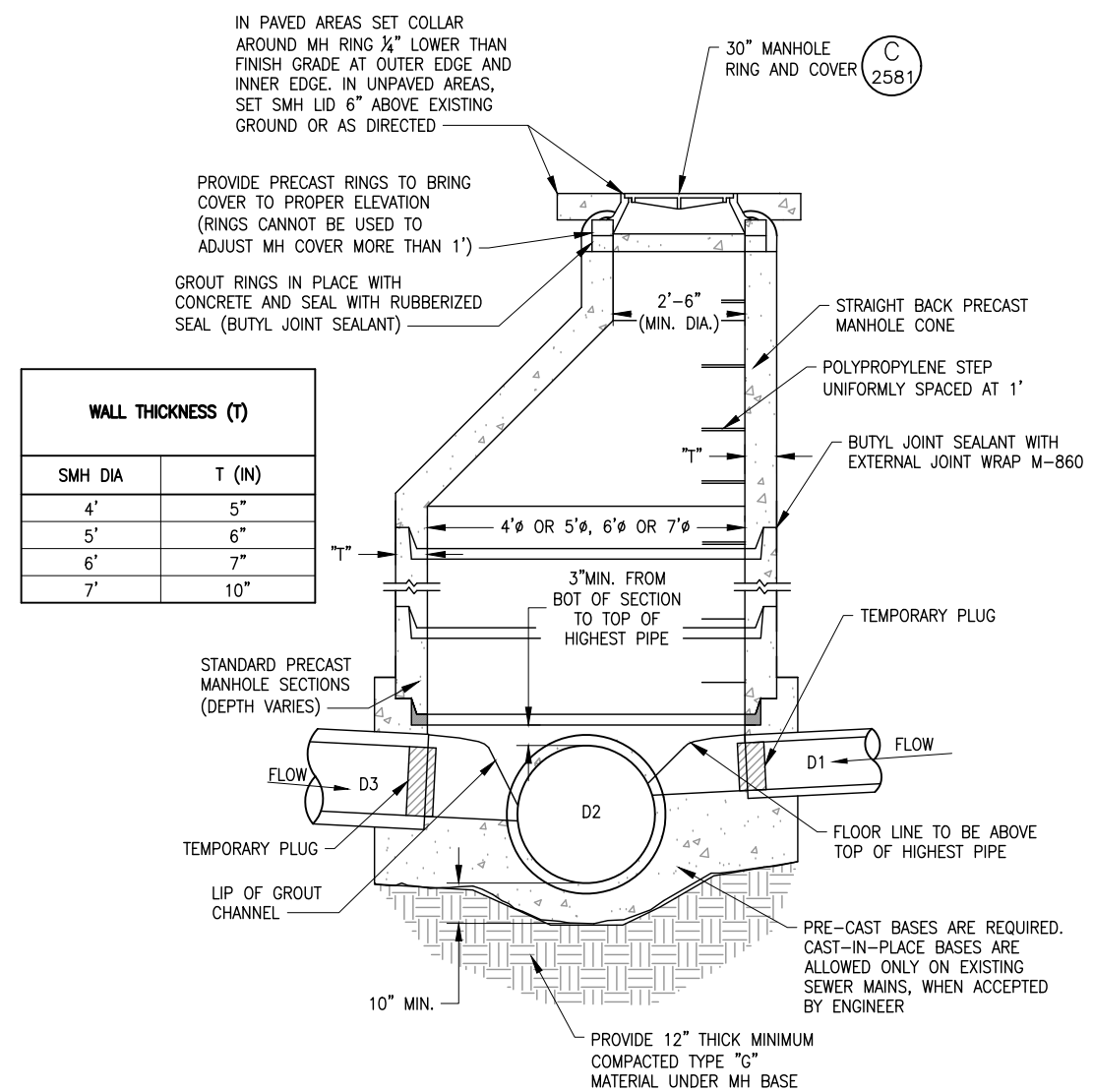
PIPE TO STRUCTURE COLLAR SCALENTS

C 2247



RIPRAP PROTECTION NOT TO SCALE

C 2251



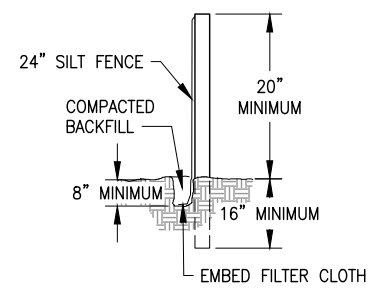
NOTES:

1. INVERTS D1, D2 AND D3 SHALL MATCH THOSE SHOWN IN PLANS.
2. AFTER ALL GRADING AROUND MANHOLE HAS BEEN COMPLETED AND FINAL SURFACING IS IN PLACE, REMOVE DEBRIS AND TEMPORARY PLUGS OR PLYWOOD FROM INSIDE OF MANHOLES.
3. IF MANHOLE IS TO BE POURED IN PLACE, FOLLOW SAME PATTERN AS SHOWN EXCEPT USE 10" MIN WALL THICKNESS.
4. CONE AND WALL SECTIONS TO CONFORM TO ASTM C-478.
5. PLUG OUTLET OF DOWNSTREAM MANHOLE UNTIL CONSTRUCTION IS COMPLETE.
6. PIPES D1, D2 AND D3 SHALL BE CONNECTED TO MANHOLE USING WATERTIGHT CONNECTOR PER ASTM C923.

7. PRECAST MANUFACTURER SHALL DESIGN THE STRUCTURE TO RESIST ALL UPLIFT FORCES ASSOCIATED WITH A WATERTABLE AT 2' BELOW EXISTING GRADE.
8. SET MANHOLE ON FIRM, STABLE, DRY BASE. ENSURE GROUNDWATER IS REMOVED TO A MINIMUM DEPTH OF 12" BELOW THE BOTTOM OF EXCAVATION.
9. IF NATIVE SOILS AT BOTTOM OF EXCAVATION AREA ARE SOFT, DISTURBED OR OTHERWISE UNSUITABLE, OVER EXCAVATE TO A DEPTH OF 12" AND BACKFILL WITH STABILIZATION GRAVEL, TYPE F.

STANDARD MANHOLE SCALENTS

C 2518

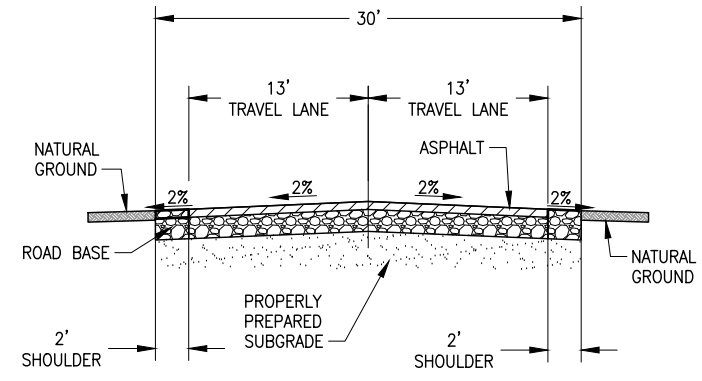


NOTES:

1. POSTS SPACED 10' OC. MAXIMUM.
2. FILTER CLOTH TO BE TIED TO MESH EVERY 24" AT TOP AND MIDDLE WITH 6" FOLDED OVERLAP AT VERTICAL SEAMS.
3. FENCE SHALL BE MAINTAINED AND ACCUMULATED MATERIAL REMOVED.
4. FENCE SHALL BE REMOVED AFTER CONSTRUCTION AND SITE RESTORED.

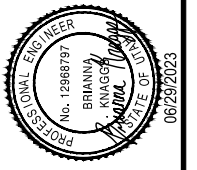
SILT FENCE SCALENTS

C 2281



PROPOSED 300 WEST ROADWAY CROSS-SECTION SCALENTS

C 03, C-04



NO.	DATE	REV. BY	DESCRIPTION

DESIGN	DESIGN	DESIGN
DESIGN B. KNAGGS	DESIGN B. KNAGGS	DESIGN B. KNAGGS
REVIEW	REVIEW	REVIEW
CHECKED C. BAGLEY	CHECKED C. BAGLEY	CHECKED C. BAGLEY
APPROVED B. KNAGGS	APPROVED B. KNAGGS	APPROVED B. KNAGGS

SOUTH JORDAN CITY  
SOUTH JORDAN, UTAH

300 WEST DRY CREEK BOX CULVERT REPLACEMENT

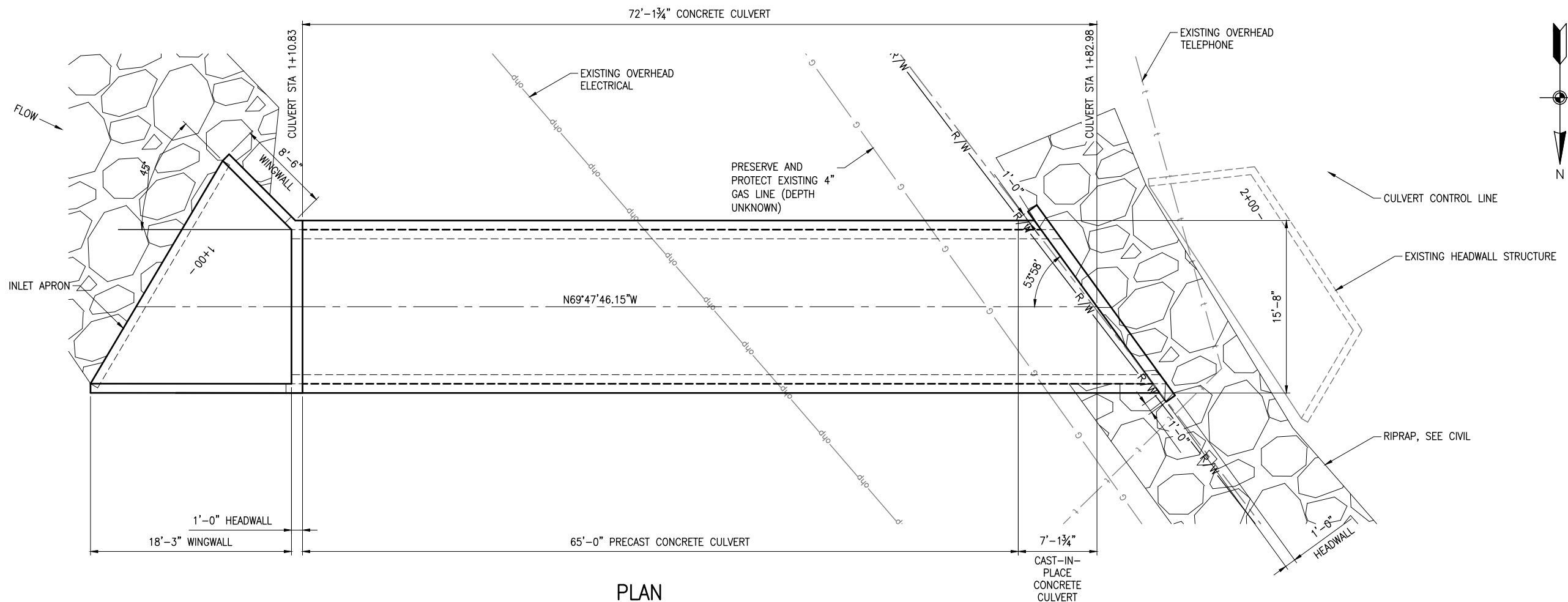
CIVIL

CIVIL DETAILS - 2

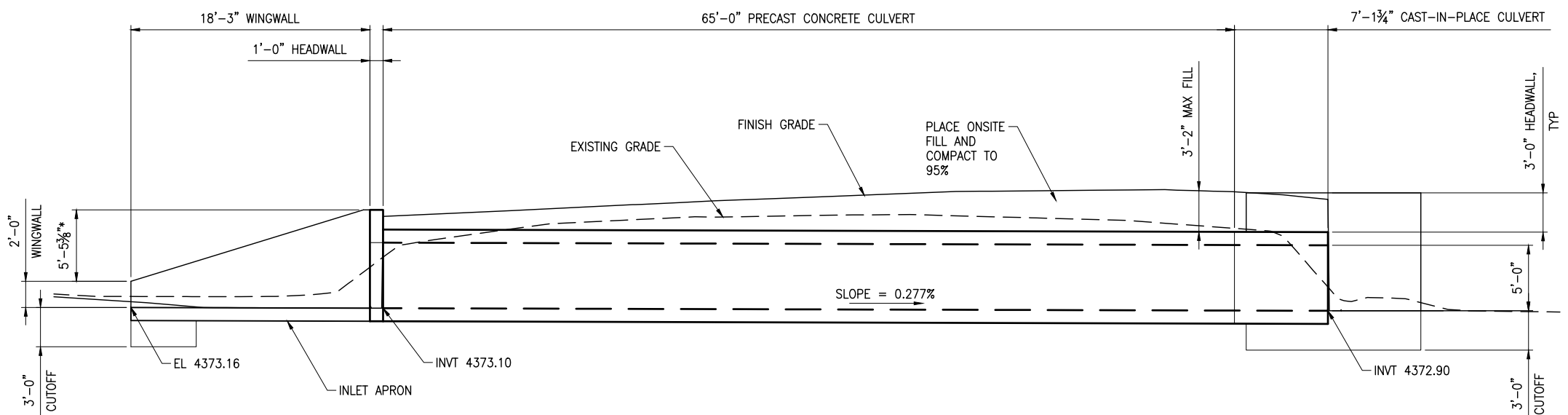
DATE: JUNE 2023

PROJECT NUMBER: 009-22-02

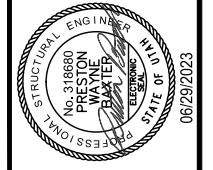
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**PLAN**  
SCALE: 3/16"=1'-0"



**ELEVATION**  
SCALE: 3/16"=1'-0"



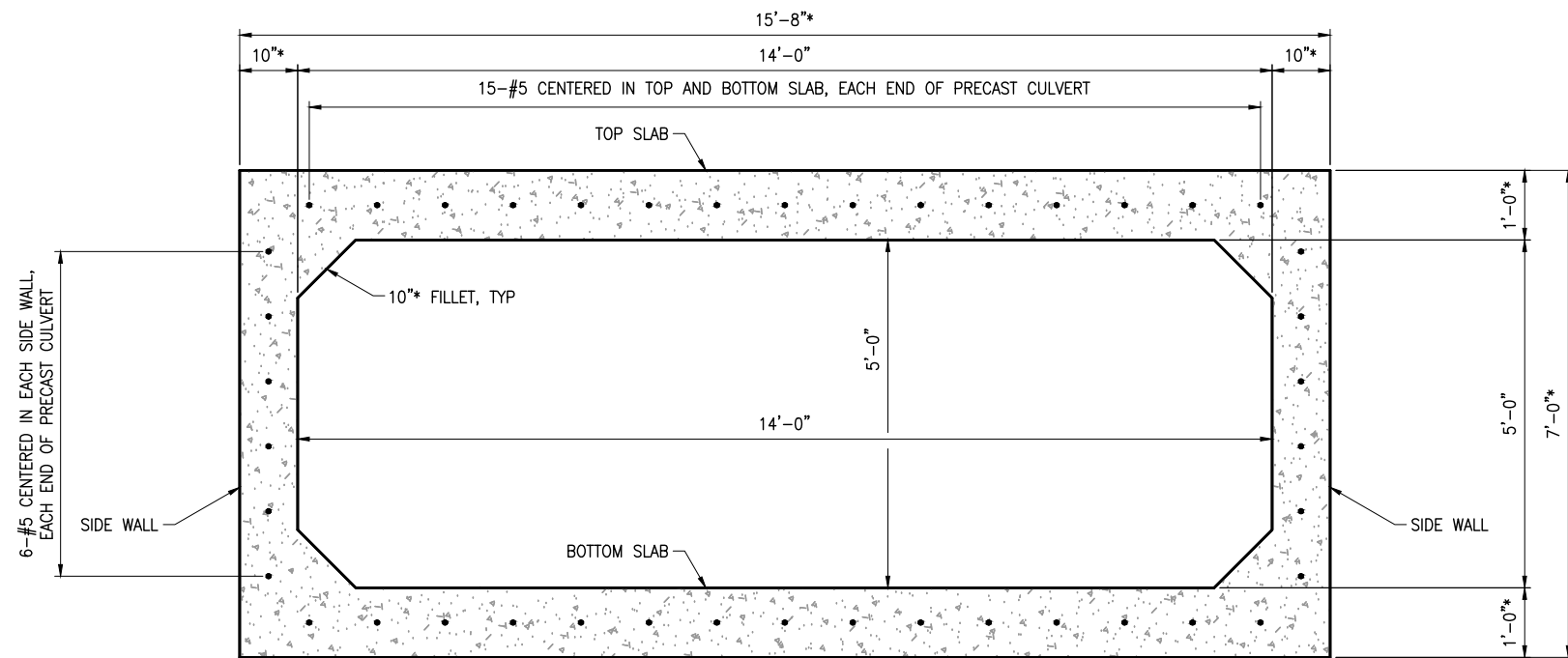
NO.	DATE	REV. BY	DESCRIPTION

DESIGN		REVIEW	
DESIGN P. BAXTER	DESIGN P. BAXTER	CHECKED B. KNAGGS	CHECKED B. KNAGGS
DRAWN P. BAXTER	DRAWN P. BAXTER	APPROVED P. BAXTER	APPROVED P. BAXTER

STRUCTURAL	PROJECT NUMBER
<b>CULVERT PLAN AND ELEVATION</b>	009-22-02
DATE: JUNE 2023	

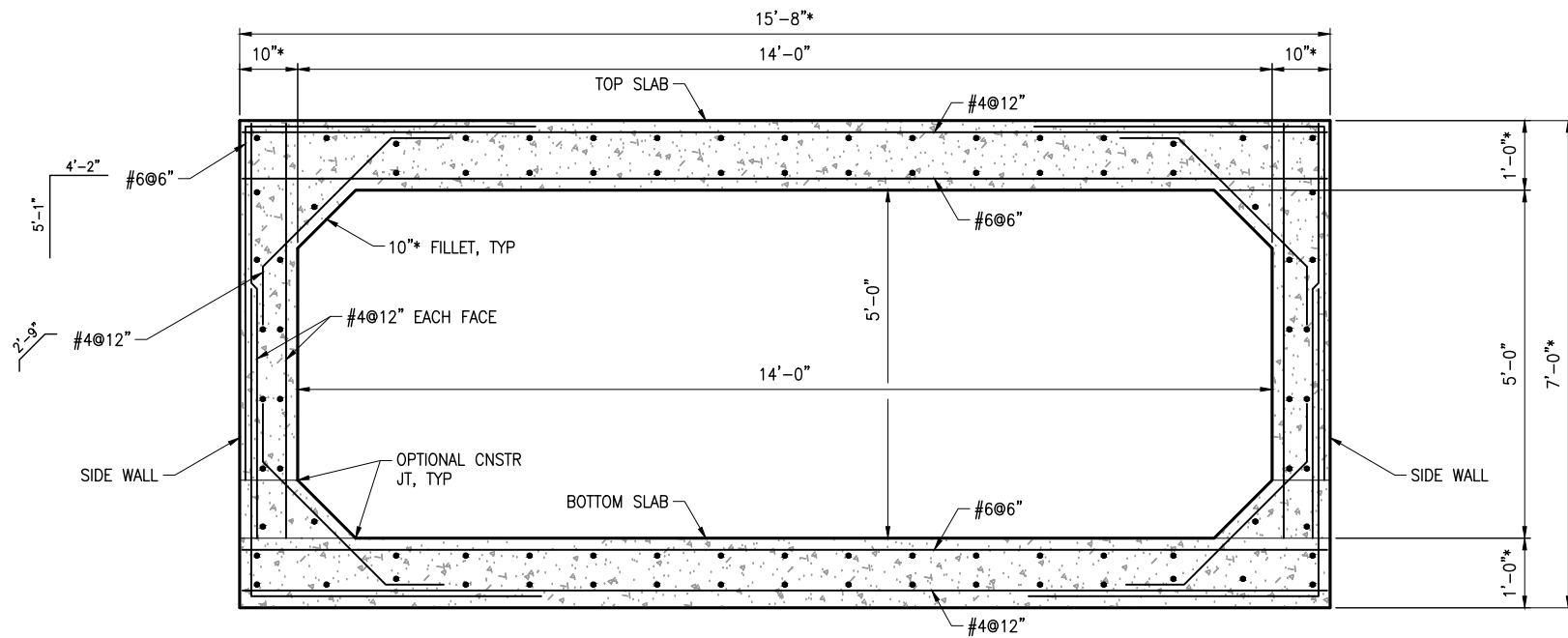
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\*NOTE: PRECAST CULVERT DIMENSIONS TO BE DETERMINED BY DESIGNER

**PRECAST CULVERT SECTION**  
SCALE: 3/4"=1'-0"



\*NOTE: MATCH PRECAST CULVERT DIMENSIONS. CONTACT ENGINEER OF RECORD PRIOR TO CAST-IN-PLACE CONSTRUCTION IF DIMENSIONS ARE SMALLER THAN THOSE SHOWN HERE.

**CAST-IN-PLACE CULVERT SECTION**  
SCALE: 3/4"=1'-0"

**GENERAL NOTES**

1. USE REINFORCEMENT BARS CONFORMING TO ASTM A615, GRADE 60.
2. CHAMFER EXPOSED CONCRETE CORNERS 3/4" UNLESS SHOWN OTHERWISE.
3. PROVIDE 2 INCH MINIMUM CONCRETE COVER TO REINFORCING STEEL UNLESS SHOWN OTHERWISE.
4. VERIFY UTILITY LOCATIONS BEFORE CONSTRUCTION. PROTECT EXISTING UTILITIES IN PLACE UNLESS SHOWN OTHERWISE.
5. DO NOT SCALE DRAWINGS. HORIZONTAL DIMENSIONS ARE PLAN. VERTICAL DIMENSIONS ARE PLUMB.

**DESIGN DATA**

HL-93 LOADING IN ACCORDANCE WITH AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS, 9TH EDITION.

CAST-IN-PLACE STRUCTURAL CONCRETE (WINGWALLS, FOOTINGS, HEADWALLS, CULVERT)  
f'c = 4.0 KSI

PRECAST CONCRETE (PRECAST CULVERT BARREL)  
f'c = 4.0 KSI

REINFORCING STEEL  
fy = 60KSI AT ALL LOCATIONS

FILL MATERIAL (ASSUMED)  
MOIST UNIT WEIGHT = 135pcf  
FRICTION ANGLE φ = 30deg

NO.	DATE	REV. BY	DESCRIPTION

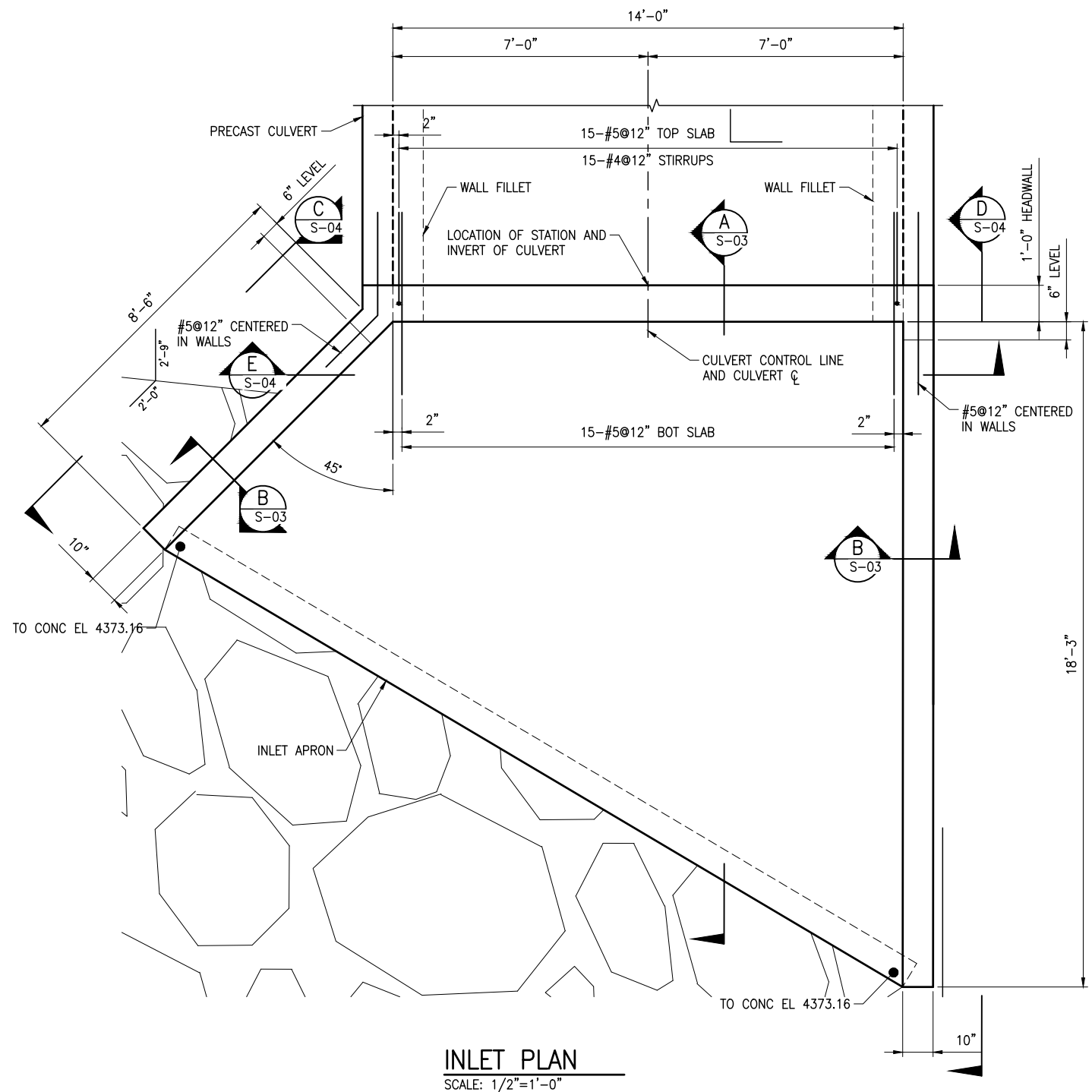
VERIFIED SCALE  
BAR IS ONE INCH ON ORIGINAL DRAWING

REVIEW  
CHECKED B. KNAGGS  
APPROVED P. BAXTER

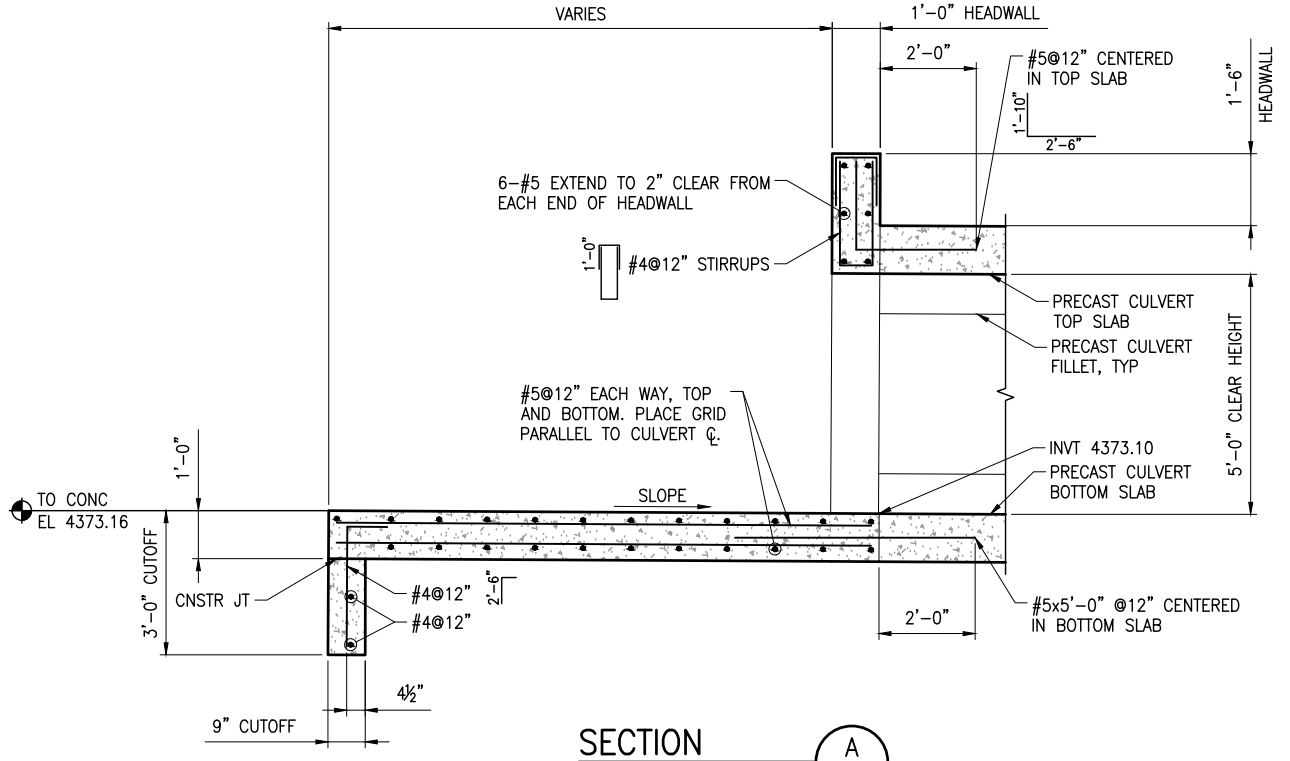
DESIGN  
DESIGN P. BAXTER  
DRAWN P. BAXTER

STRUCTURAL  
CULVERT SECTION THROUGH STRUCTURE AND GENERAL NOTES  
DATE: JUNE 2023  
PROJECT NUMBER 009-22-02

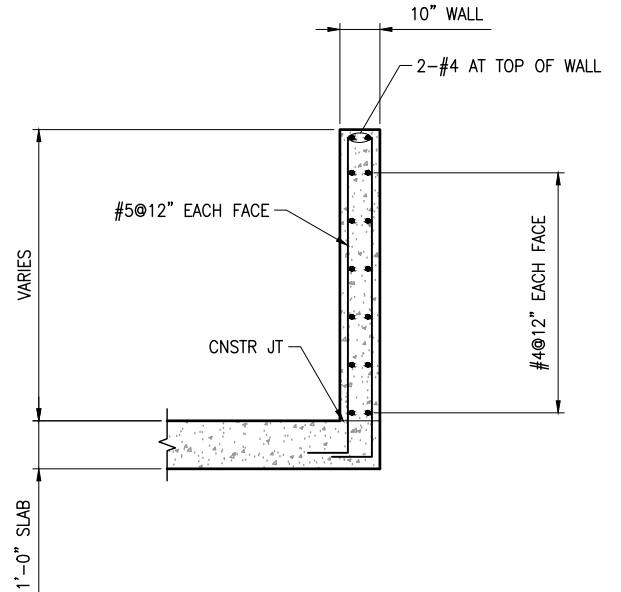
DRAWING NO.  
**S-02**



**INLET PLAN**  
SCALE: 1/2"=1'-0"



**SECTION A**  
SCALE: 1/2"=1'-0"  
S-03, S-04



**SECTION B**  
SCALE: 1/2"=1'-0"  
S-03, S-04

NO.	DATE	REV. BY	DESCRIPTION

**VERIFY SCALE**  
BAR IS ONE INCH ON ORIGINAL DRAWING

**DESIGN**  
DESIGN P. BAXTER  
DRAWN P. BAXTER

**REVIEW**  
CHECKED B. KNAGGS  
APPROVED P. BAXTER

**PROJECT**  
300 WEST DRY CREEK BOX CULVERT REPLACEMENT

**LOCATION**  
SOUTH JORDAN CITY  
SOUTH JORDAN, UTAH

**STRUCTURAL**

**CULVERT**

**INLET PLAN AND DETAILS**

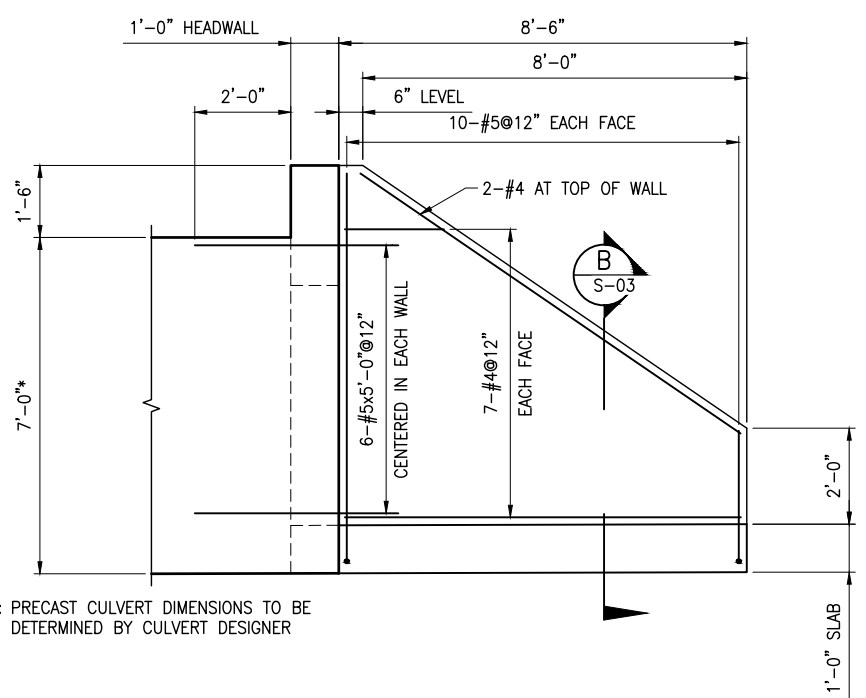
DATE: JUNE 2023  
PROJECT NUMBER: 009-22-02

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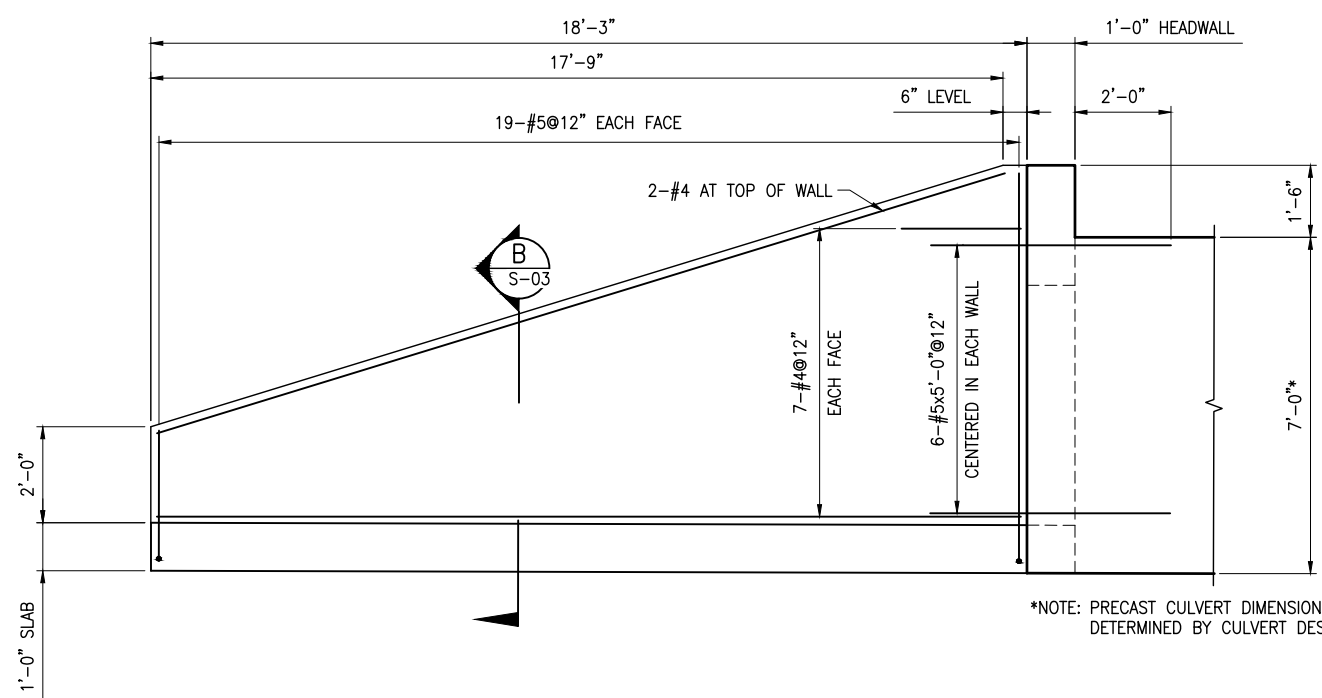
SOUTH JORDAN CITY		SOUTH JORDAN, UTAH	
300 WEST DRY CREEK BOX CULVERT REPLACEMENT			
DESIGN	REVIEW	CHECKED	APPROVED
DESIGN P. BAXTER	B. KNAGGS	B. KNAGGS	P. BAXTER
DRAWN P. BAXTER			

STRUCTURAL	PROJECT NUMBER
<b>CULVERT INLET WALL ELEVATIONS</b>	009-22-02
DATE: JUNE 2023	



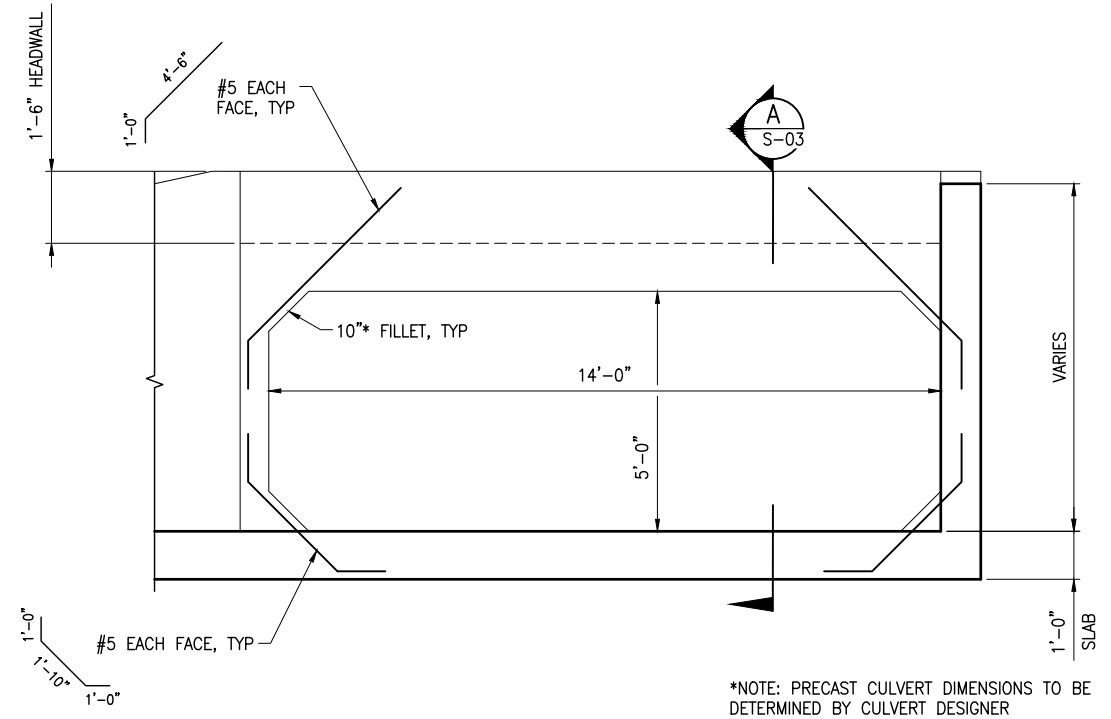
\*NOTE: PRECAST CULVERT DIMENSIONS TO BE DETERMINED BY CULVERT DESIGNER

**ELEVATION C**  
SCALE: 1/2"=1'-0"  
S-03



\*NOTE: PRECAST CULVERT DIMENSIONS TO BE DETERMINED BY CULVERT DESIGNER

**ELEVATION D**  
SCALE: 1/2"=1'-0"  
S-03



\*NOTE: PRECAST CULVERT DIMENSIONS TO BE DETERMINED BY CULVERT DESIGNER

**HEADWALL ELEVATION E**  
SCALE: 1/2"=1'-0"  
S-03

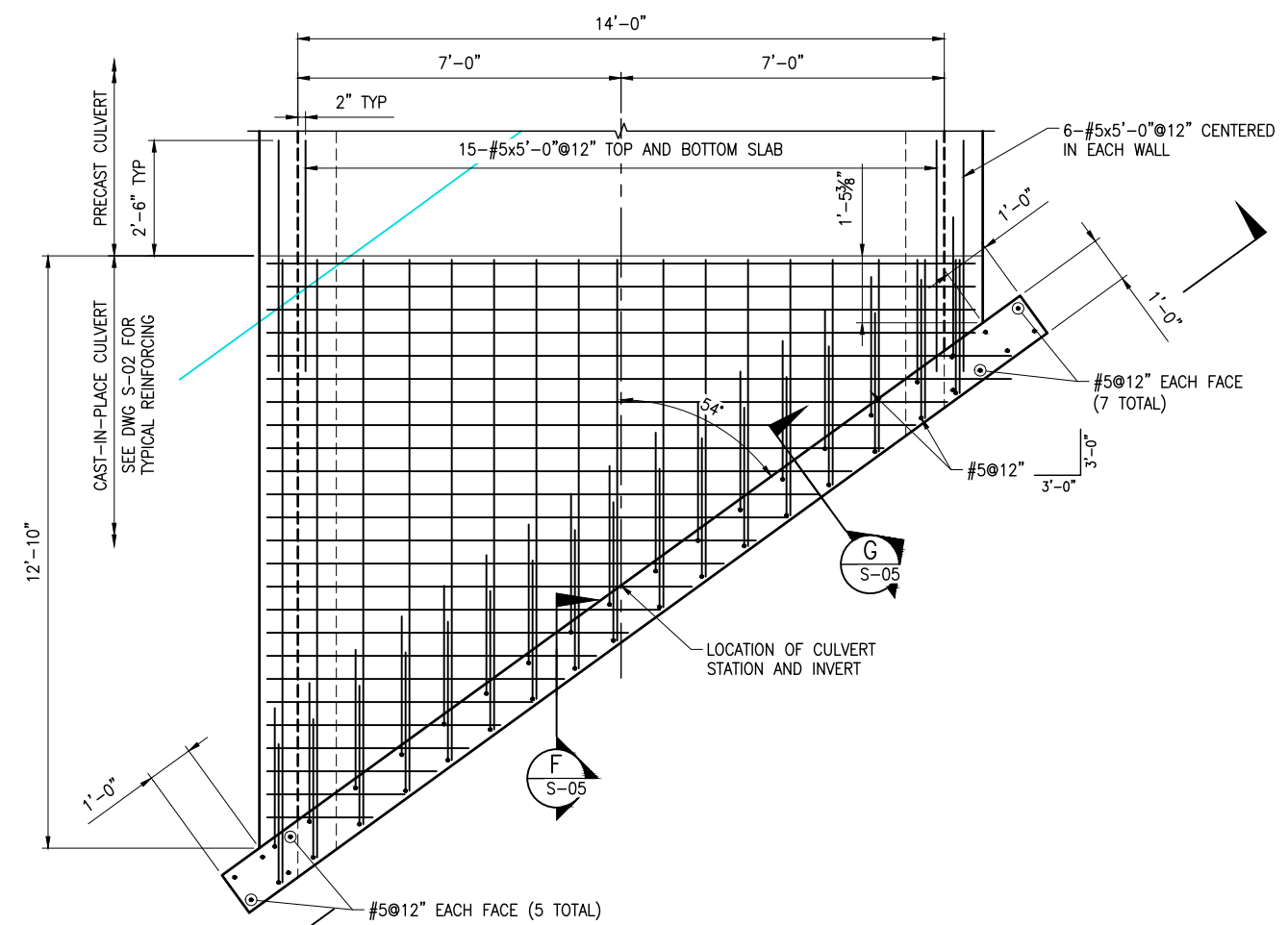
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**VERIFY SCALE**  
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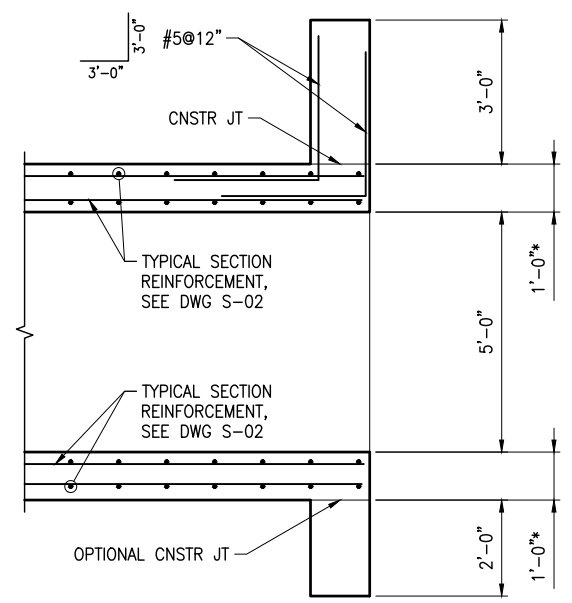
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 APPROVED: P. BAXTER

**DESIGN**  
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 DRAWN: P. BAXTER

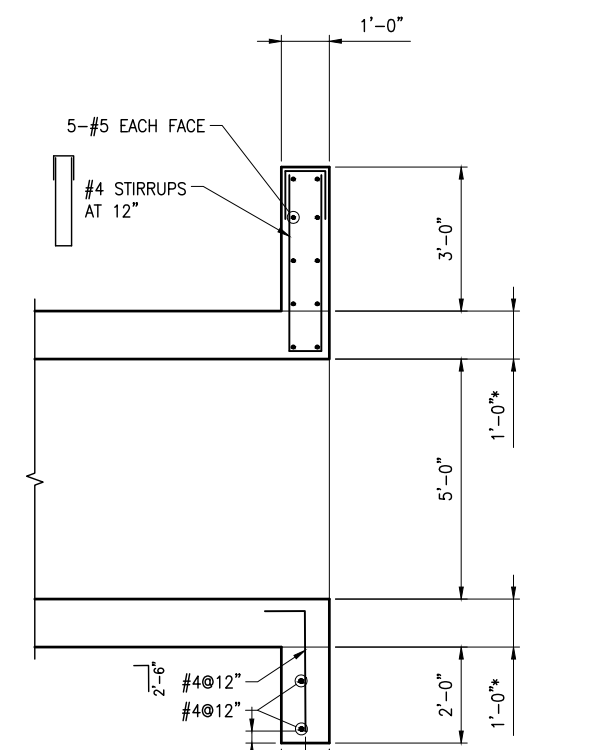
**STRUCTURAL**  
**OUTLET PLAN AND DETAILS**  
 PROJECT NUMBER: 009-22-02  
 DATE: JUNE 2023



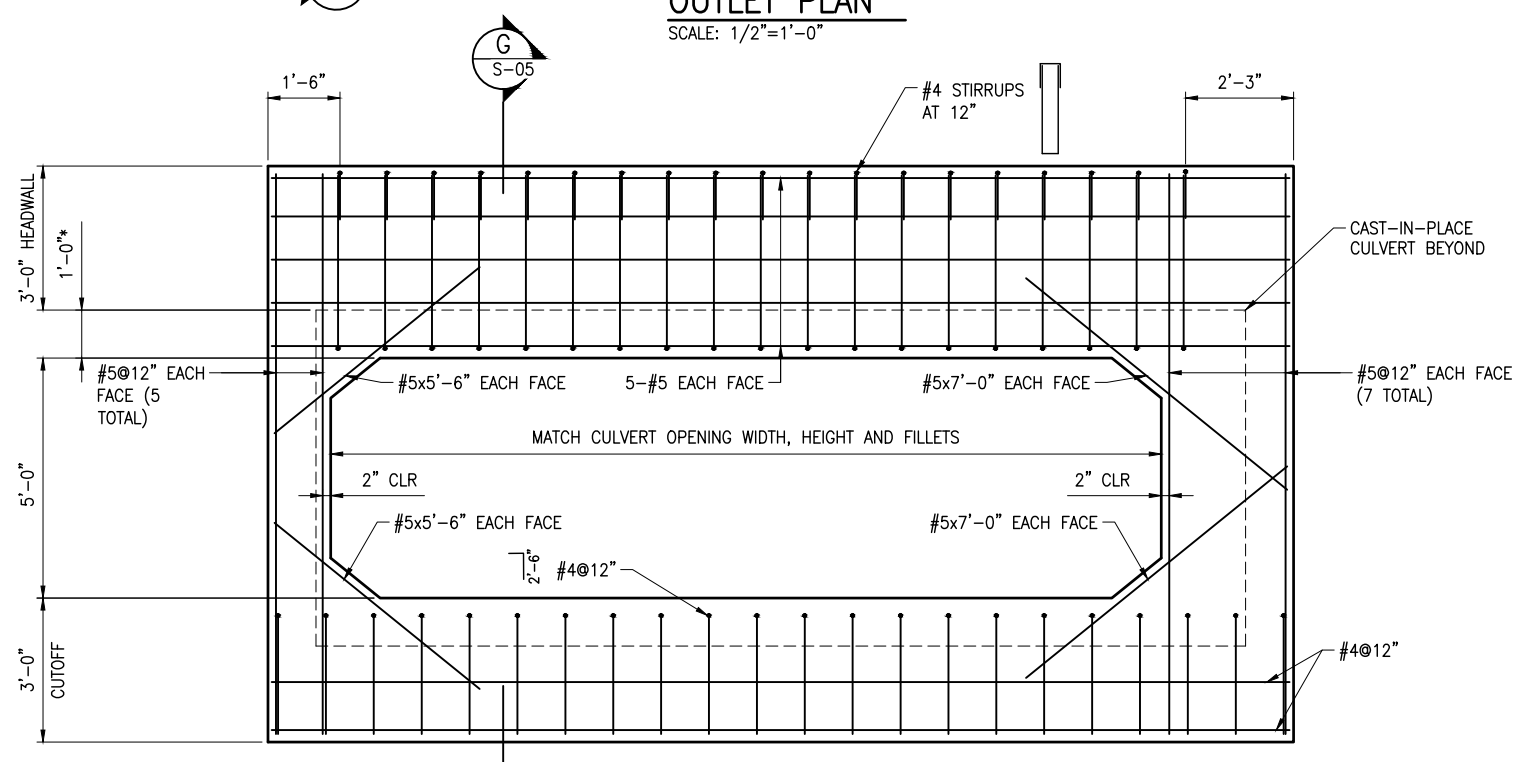
**OUTLET PLAN**  
 SCALE: 1/2"=1'-0"



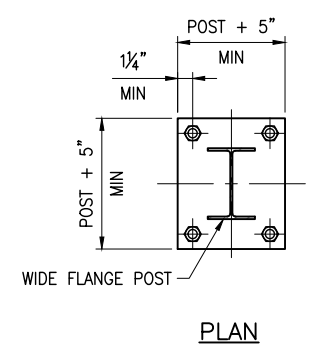
**SECTION F**  
 SCALE: 1/2"=1'-0"



**SECTION G**  
 SCALE: 1/2"=1'-0"

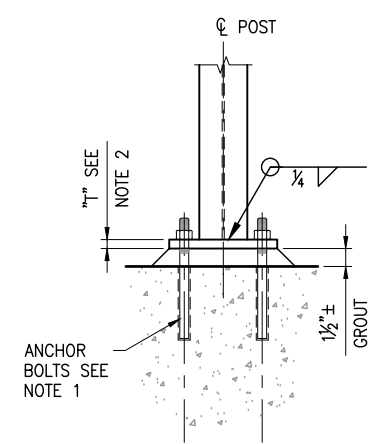


**HEADWALL ELEVATION H**  
 SCALE: 1/2"=1'-0"



**DETAIL NOTES**

- ANCHOR BOLTS SHALL BE 3/4" SST EPOXY ADHESIVE, HILTI HIT-HY 200-R OR APPROVED EQUAL, WITH 6" MIN EMBEDMENT.
- BASE PLATE TO BE 3/4" THICK UNLESS OTHERWISE NOTED.
- GROUT SHALL BE NONSHRINK AND FLOWABLE AS PER SPECIFICATIONS.



**POST SUPPORT DETAIL 1**  
 SCALE: 1/2"=1'-0"

**EXHIBIT B**  
**(Cost Distribution)**

<b>Entity</b>	<b>Construction</b>	<b>Costs Incurred</b>	<b>Total</b>
Sandy City	\$ 170,577	\$ 115,272	\$ 285,849
South Jordan City	\$ 270,943	\$ 14,905	\$ 285,848
Property Owner	\$ 50,000	\$ 37,906	\$ 87,906
SLCO	\$ 300,000	\$ -	\$ 300,000
<b>Total</b>	<b>\$ 791,520</b>	<b>\$ 168,083</b>	<b>\$ 959,603</b>