

ADDENDUM NO. 1
to the
CONTRACT DOCUMENTS for
Snowmaking Pipe Replacement Project

Jordanelle Special Service District

December 29, 2025

1. DRAWING UPDATES

- Delete the following drawings and replace with the attached drawings of the same name. Changes have been indicated as Addendum 2.
 - C-01 PLAN AND PROFILE
 - GC-01 GENERAL CIVIL DETAILS-01
 - GC-03 GENERAL CIVIL DETAILS-03

2. SPECIFICATION ADDITION

- The following section has been added to the specifications.
 - 32 90 01 SITE RESTORATION

3. HDPE CONNECTION CLARIFICATION

- On page C-01 note has been added to the profile clarifying how to connect the new 24" ductile iron pipe to the existing 30" HDPE pipe.

4. SITE ACCESS CLARIFICATION

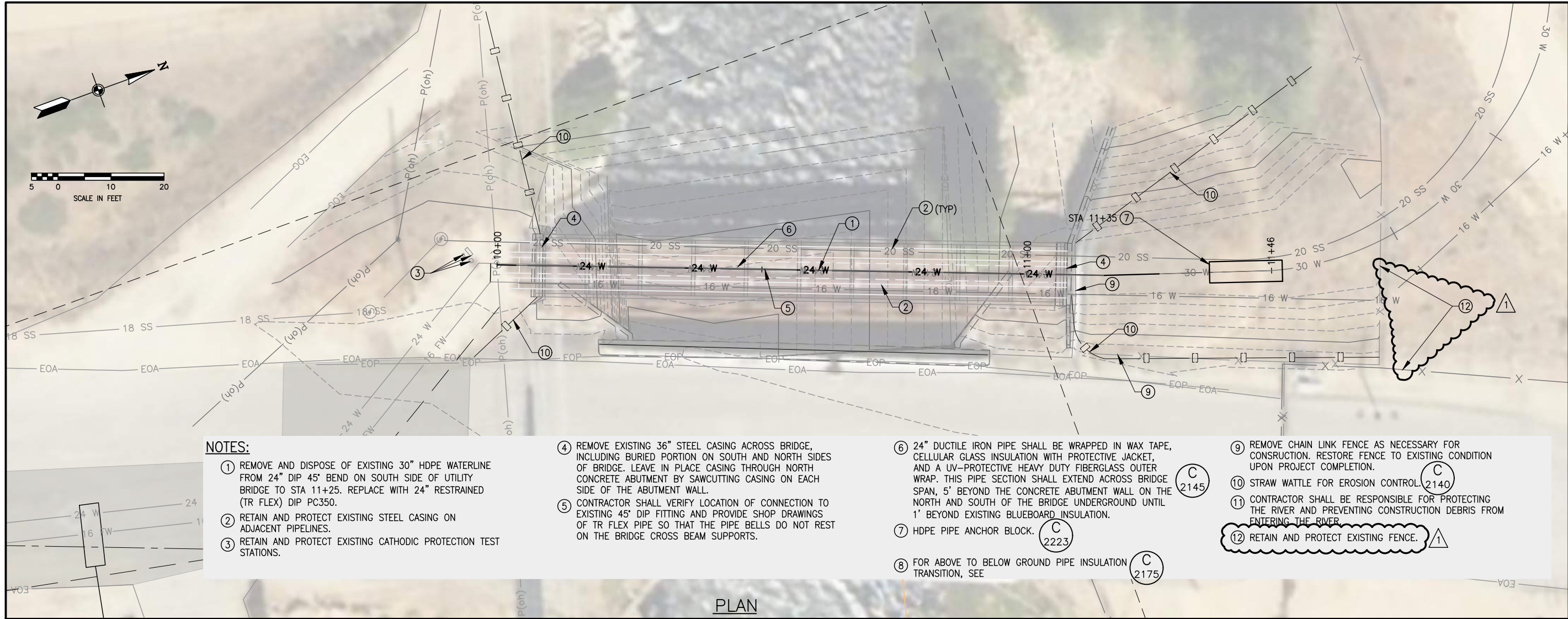
- Add Item 1 after Paragraph 1.3.A in Specification Section 01 50 10 to read as follows: Contractor must maintain one lane access across bridge to the gate on the north side of the bridge at all times.
- Add Paragraph H to Section 1.5 in Specification Section 01 50 10 to read as follows: Contractor shall maintain at all times the existing chain link fence protecting the secure area to the north (the dam).

5. STORAGE AND LAYDOWN AREA CLARIFICATION

- REMOVE "Specify location of Contractor storage/work site" from Paragraph 1.5.A in Specification 01 50 10 and REPLACE with "east of Old Highway 40 and between the campground on the south and dirt parking lot/river to the north".
- Add Item 1 after Paragraph 1.5.A in Specification Section 01 50 10 to read as follows: Contractor may use the area between the road and the gate for unsecured storage. If secured storage is desired, the area east of the gate may be used and access to the lock will be provided. Contractor must maintain access to the gate and shop buildings east of the gate at all times. Contractor shall coordinate with the property owner (Central Utah Water Conservancy District) on plans for staging and storage and to obtain access to the site. Contact information for the property owner's representative is below.
 - Paul Pierpont: (801) 226-7190

THIS ADDENDUM IS HEREBY ATTACHED TO AND MADE A PART OF THE CONTRACT DOCUMENTS. THE NOTES FROM THE PRE-BID MEETING ARE ALSO ATTACHED FOR CONVENIENCE.

Brandon Ashcroft, P.E.
Bowen, Collins & Associates



NOTES:

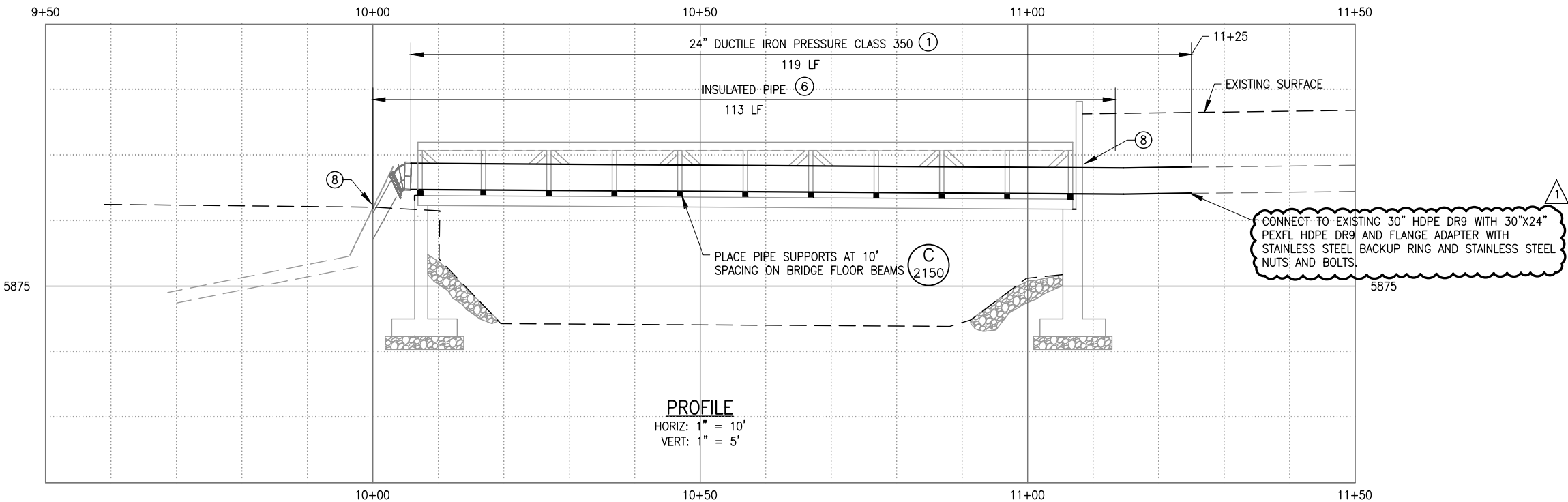
- 1 REMOVE AND DISPOSE OF EXISTING 30" HDPE WATERLINE FROM 24" DIP 45° BEND ON SOUTH SIDE OF UTILITY BRIDGE TO STA 11+25. REPLACE WITH 24" RESTRAINED (TR FLEX) DIP PC350.
- 2 RETAIN AND PROTECT EXISTING STEEL CASING ON ADJACENT PIPELINES.
- 3 RETAIN AND PROTECT EXISTING CATHODIC PROTECTION TEST STATIONS.

- 4 REMOVE EXISTING 36" STEEL CASING ACROSS BRIDGE, INCLUDING BURIED PORTION ON SOUTH AND NORTH SIDES OF BRIDGE. LEAVE IN PLACE CASING THROUGH NORTH CONCRETE ABUTMENT BY SAWCUTTING CASING ON EACH SIDE OF THE ABUTMENT WALL.
- 5 CONTRACTOR SHALL VERIFY LOCATION OF CONNECTION TO EXISTING 45° DIP FITTING AND PROVIDE SHOP DRAWINGS OF TR FLEX PIPE SO THAT THE PIPE BELLS DO NOT REST ON THE BRIDGE CROSS BEAM SUPPORTS.

- 6 24" DUCTILE IRON PIPE SHALL BE WRAPPED IN WAX TAPE, CELLULAR GLASS INSULATION WITH PROTECTIVE JACKET, AND A UV-PROTECTIVE HEAVY DUTY FIBERGLASS OUTER WRAP. THIS PIPE SECTION SHALL EXTEND ACROSS BRIDGE SPAN, 5' BEYOND THE CONCRETE ABUTMENT WALL ON THE NORTH AND SOUTH OF THE BRIDGE UNDERGROUND UNTIL 1' BEYOND EXISTING BLUEBOARD INSULATION.
- 7 HDPE PIPE ANCHOR BLOCK.
- 8 FOR ABOVE TO BELOW GROUND PIPE INSULATION TRANSITION, SEE

- 9 REMOVE CHAIN LINK FENCE AS NECESSARY FOR CONSTRUCTION. RESTORE FENCE TO EXISTING CONDITION UPON PROJECT COMPLETION.
- 10 STRAW WATTLE FOR EROSION CONTROL.
- 11 CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING THE RIVER AND PREVENTING CONSTRUCTION DEBRIS FROM ENTERING THE RIVER.
- 12 RETAIN AND PROTECT EXISTING FENCE.

PLAN



PROFILE

HORIZ: 1" = 10'
VERT: 1" = 5'

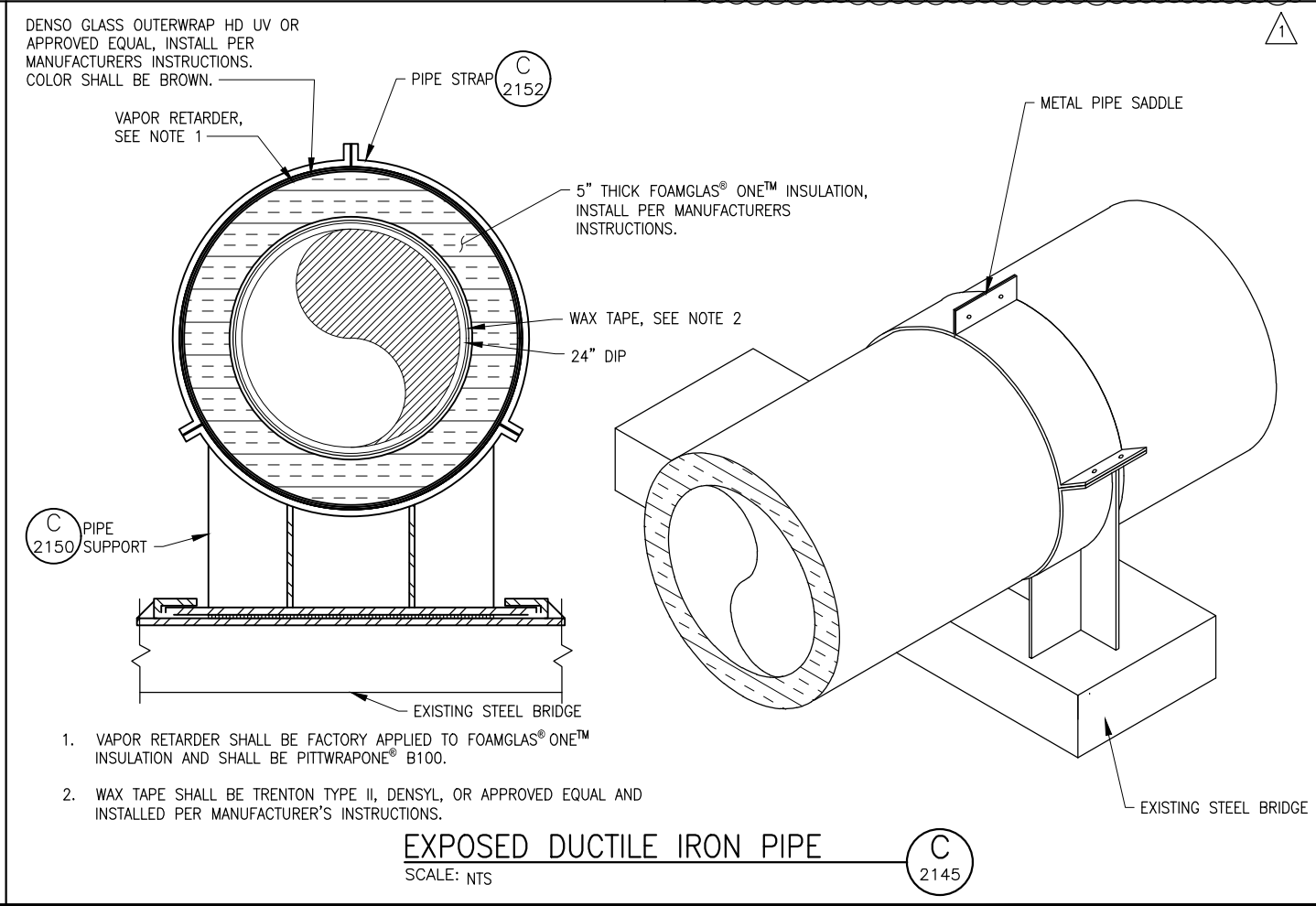
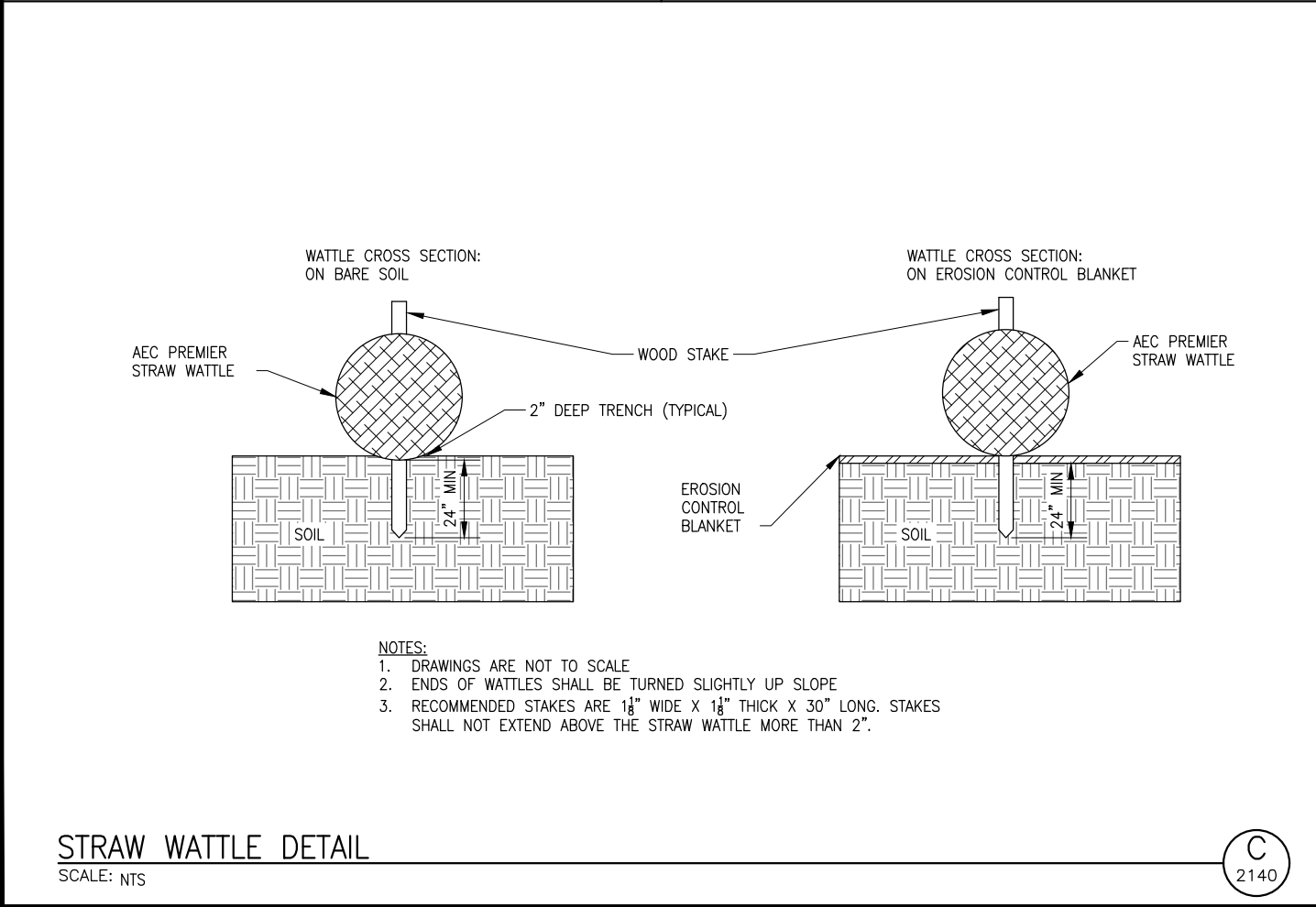
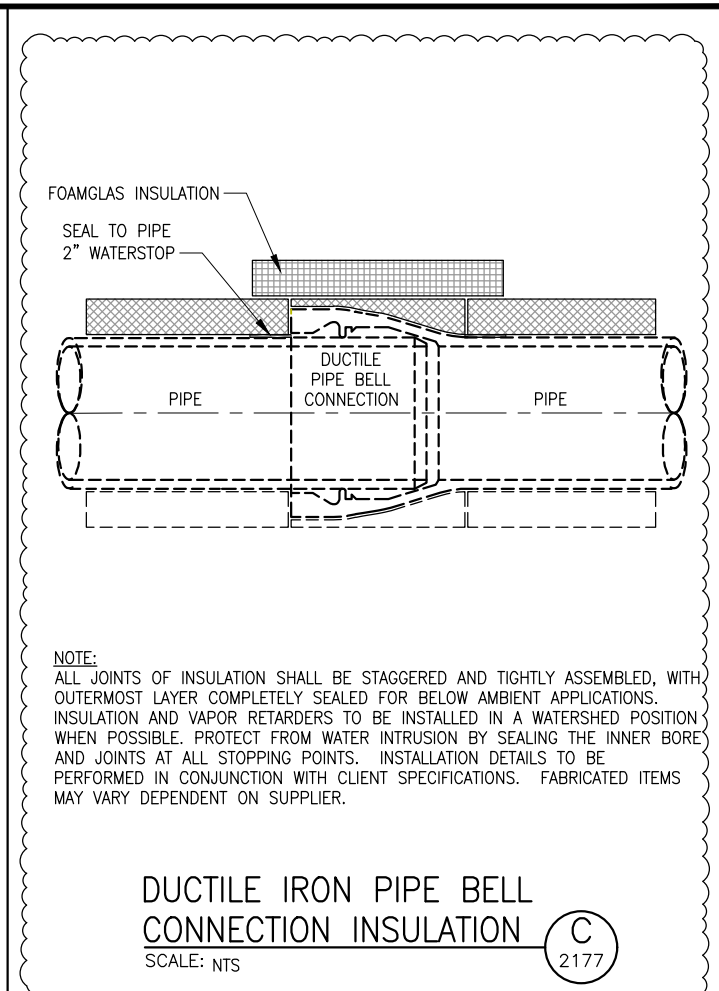
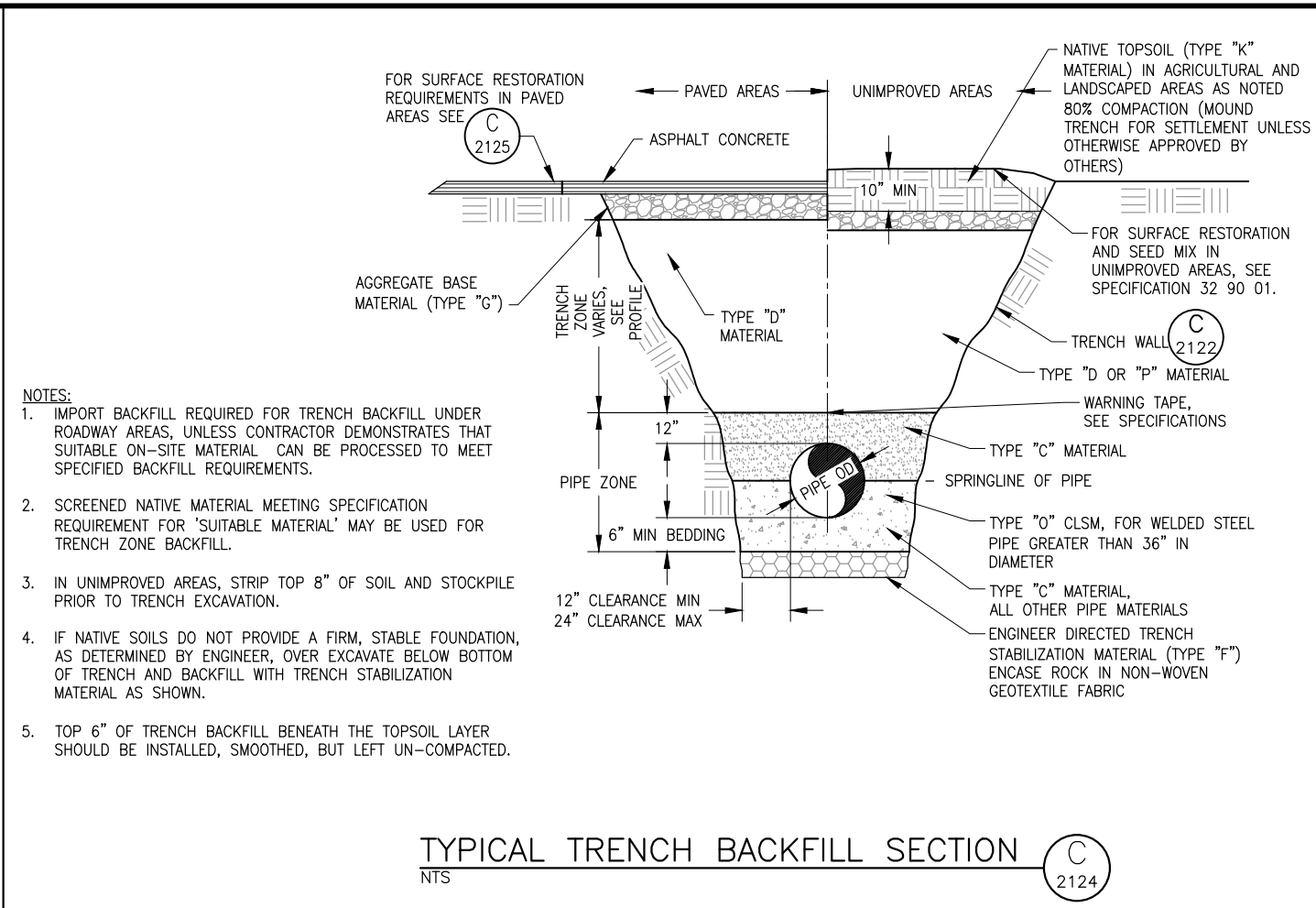
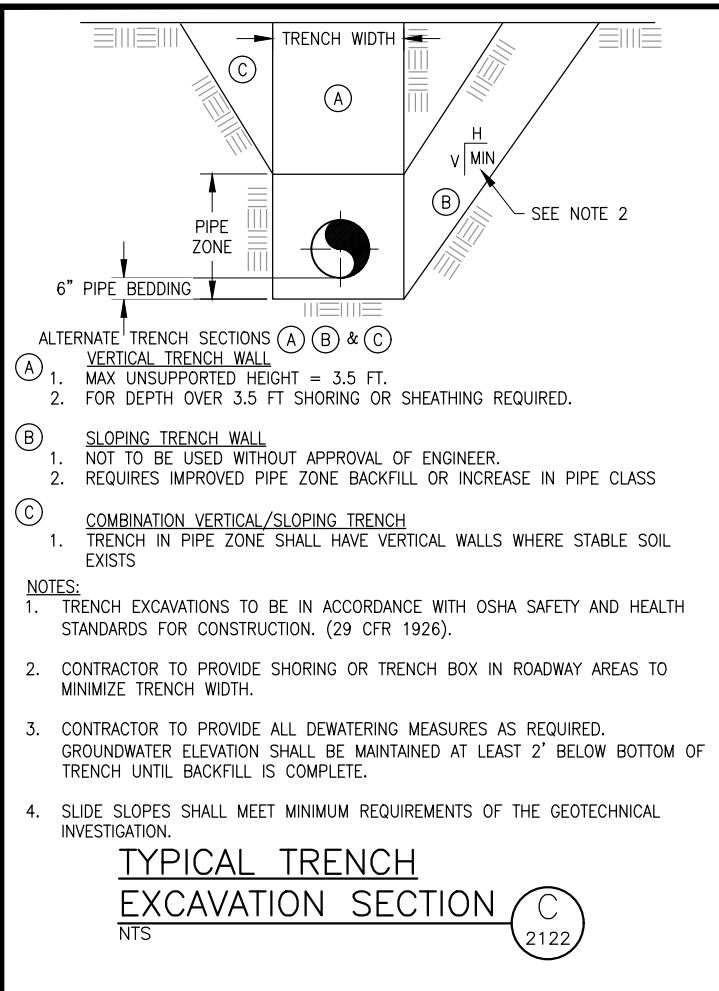
| NO. | DATE | REV. BY | DESCRIPTION |
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| 1 | 12/29/25 | BA | ADDENDUM #1 |

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| VERIFY SCALE | BAR IS ONE INCH ON ORIGINAL DRAWING |
|--------------|-------------------------------------|

| | |
|--------------------|----------------------|
| DESIGN | REVIEW |
| DESIGN B. ASHCROFT | CHECKED J. DIETRICH |
| DRAWN T. ANDERSON | APPROVED B. ASHCROFT |

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|-----------------------------|
| SNOWMAKING PIPE REPLACEMENT |
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| | | |
|------------------|----------------|---------------|
| CIVIL | PROJECT NUMBER | 056-25-02 |
| PLAN AND PROFILE | DATE: | DECEMBER 2025 |



BOWEN COLLINS ASSOCIATES

12/12/2025

REGISTERED PROFESSIONAL ENGINEER
BRANDON ASHCROFT
NO. 11775360
STATE OF UTAH

REVISIONS

| NO. | DATE | REV. BY | DESCRIPTION |
|-----|----------|---------|-------------|
| 1 | 12/29/25 | BA | |

VERIFY SCALE
BAR IS ONE INCH ON ORIGINAL DRAWING

SNOWMAKING PIPE REPLACEMENT
JORDANIELLE SPECIAL SERVICE DISTRICT
JORDANIELLE, UTAH

DESIGN
DESIGN: B. ASHCROFT
DRAWN: T. ANDERSON

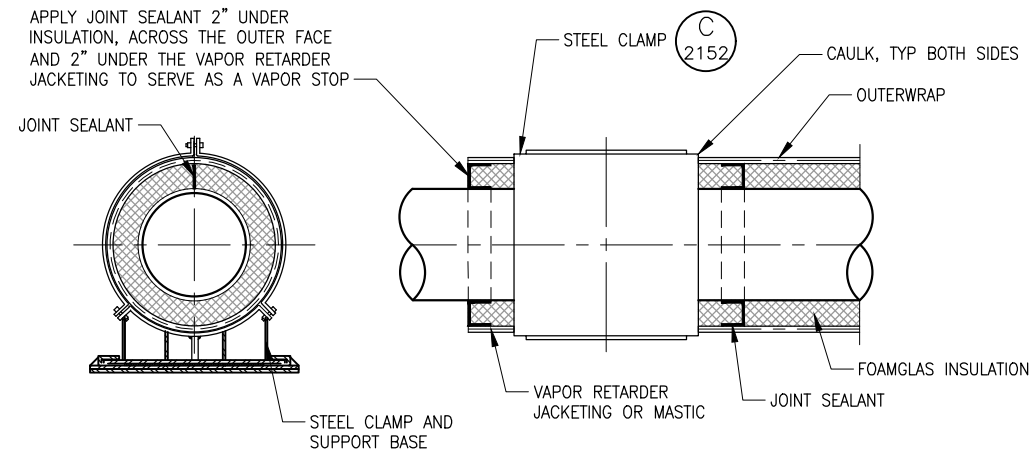
REVIEW
CHECKED: J. DIETRICH
APPROVED: B. ASHCROFT

CIVIL
GENERAL CIVIL DETAILS - 01

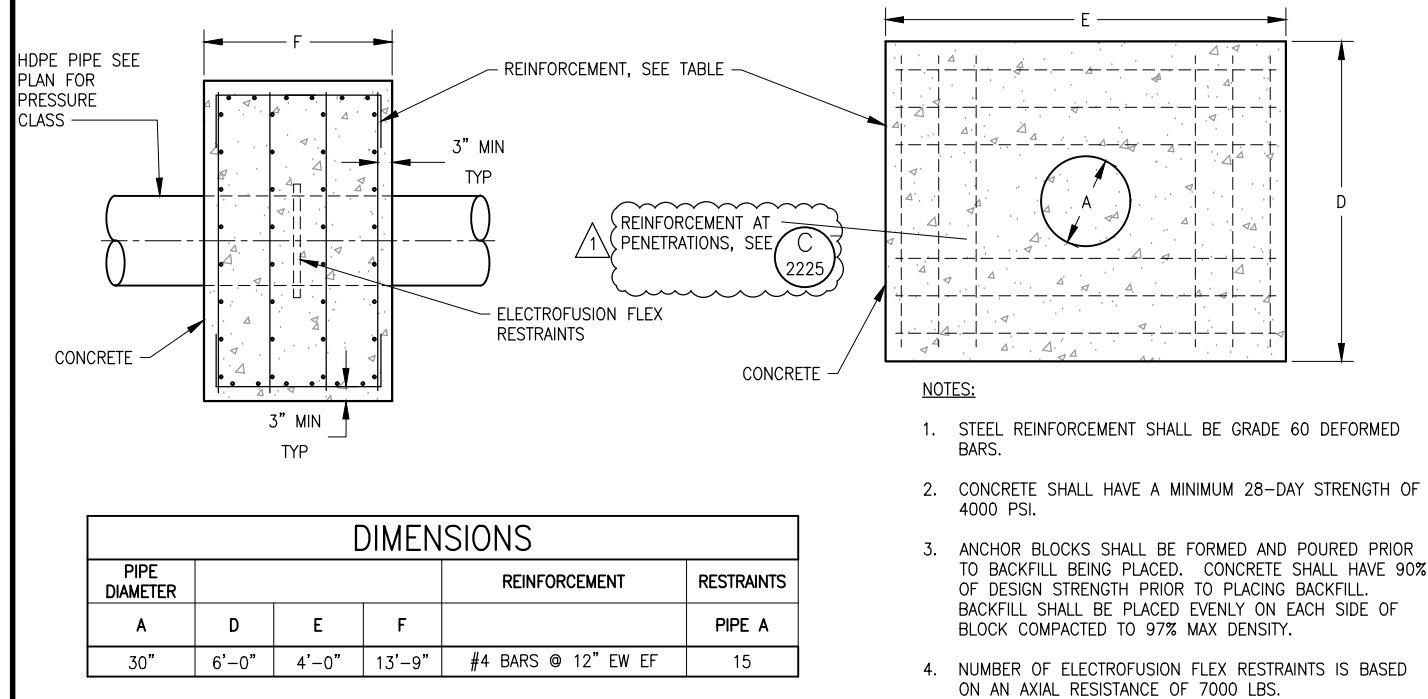
DATE: DECEMBER 2025
PROJECT NUMBER: 056-25-02

DRAWING NO.
GC-01

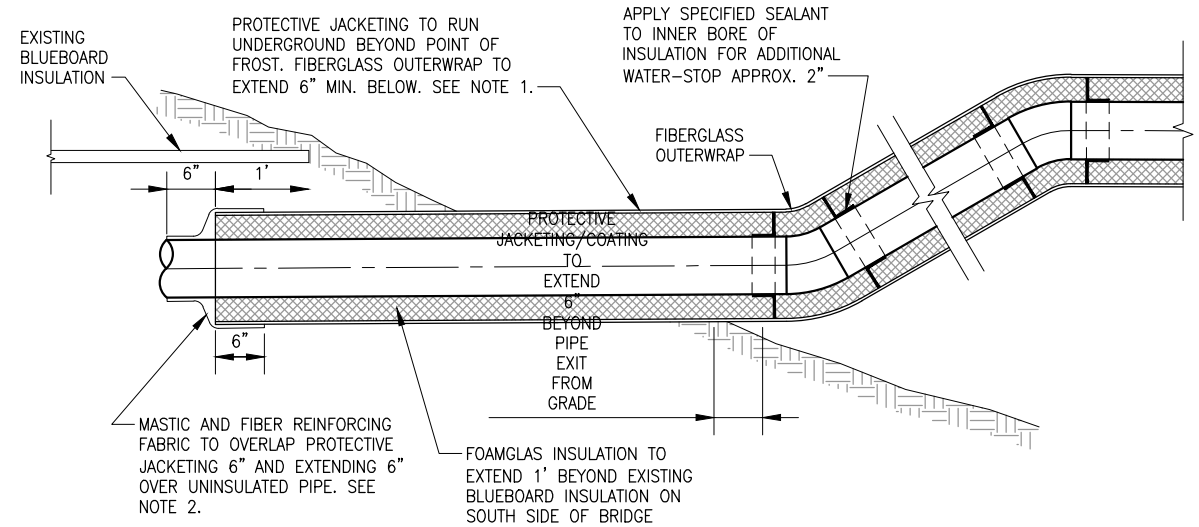
SHEET 04 OF 06



PIPE SUPPORT INSULATION **C**
SCALE: NTS **2173**

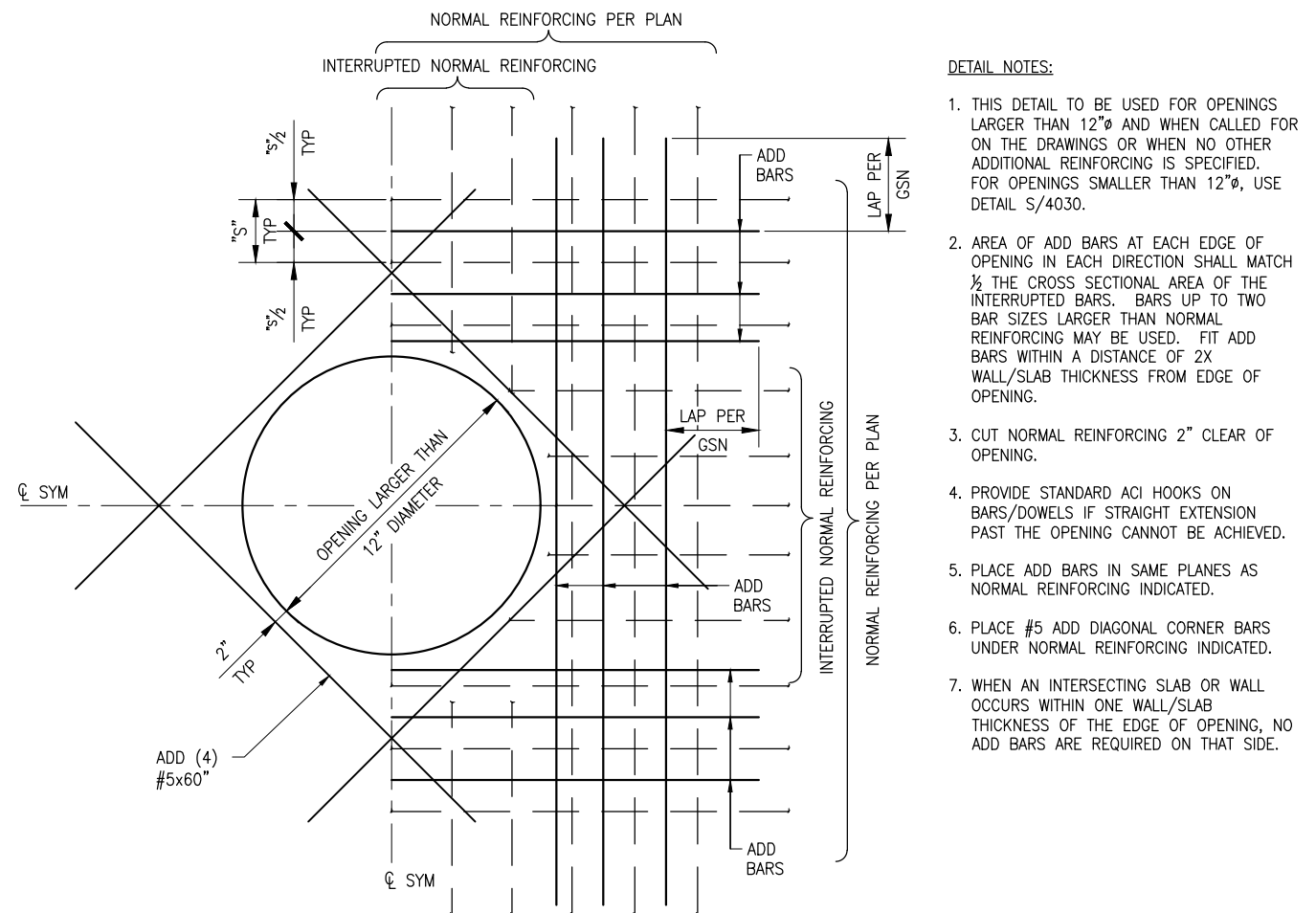


HDPE PIPE ANCHOR BLOCK **C**
SCALE: NTS **2223**



- NOTES:
- PITWRAP® B100 JACKETING TO BE USED ABOVE GROUND. TRANSITION TO PITWRAP SS JACKETING BELOW GROUND.
 - USE PITTCOTE® 300E WITH FABRIC REINFORCEMENT.

ABOVE TO BELOW GROUND INSULATION TRANSITION **C**
SCALE: NTS **2175**



ADDITIONAL REINFORCING AT CIRCULAR OPENINGS IN WALLS/SLABS **C**
SCALE: NTS **2225**

SECTION 01 50 10
SITE ACCESS AND STORAGE

PART 1 - GENERAL

1.1 REFERENCES

- A. U.S. Dept. of Transportation, Federal Highway Administration (FHWA) standards.
MUTCD Manual of Uniform Traffic Control Devices
- B. U.S. Dept. of Labor, Occupational Safety and Health Administration (OSHA) standards.
Subpart G, Part 1926 Safety and Health Standards for Construction

1.2 SUBMITTALS

- A. Provide design and engineering calculations for custom temporary bridges or steel plates to be employed.
- B. Submit hazardous materials storage plan.
- C. Submit the EPA issued number for wastes generated at the site.

1.3 ROADWAY AND TRAFFIC LIMITATIONS

- A. Investigate the condition of available public and private roads and of clearances, restrictions, bridge load limits, and other limitations affecting transportation and ingress and egress to the site of the Work. Comply with the provisions specified in the Traffic Management Plan. Accept responsibility to construct and maintain any haul roads required for construction operations.
 - 1. Contractor must maintain one lane access across bridge to the gate on the north side of the bridge at all times.
- B. Maintain a maximum speed limit of 25 mph while on the Project Site.
- C. Confine all vehicles to the designated construction area. Cross-country travel is prohibited.

1.4 TEMPORARY CROSSINGS

- A. General: Provide continuous, unobstructed, safe, and adequate pedestrian and vehicular access to fire hydrants, commercial and industrial establishments, churches, schools, parking lots, service stations, motels, fire and police stations, and hospitals. Provide safe and adequate public transportation stops and pedestrian crossings at intervals not exceeding 300 feet. Cooperate with parties involved in the delivery of mail and removal of trash and garbage to maintain existing schedules for such services. Maintain vehicular access to residential driveways to the property line except when required construction precludes such access for reasonable periods of time.

- B. Temporary Bridges: Wherever necessary, provide suitable temporary bridges or steel plates over unfilled excavations, except where written consent of the individuals or authorities concerned to omit such temporary bridges or steel plates has been secured. Any such obtained written consent shall be delivered to Engineer prior to excavation. Maintain all such bridges or steel plates in service until access is provided across the backfilled excavation. Temporary bridges or steel plates for street and highway crossing shall conform to the requirements of the authority having jurisdiction in each case. Adopt designs furnished by said authority for such bridges or steel plates, or submit designs to said authority for approval, as may be required. New designs shall be stamped and signed by a professional engineer, licensed to practice in Utah.
- C. Street Use: Nothing herein shall be construed to entitle Contractor to the exclusive use of any public street, alleyway, or parking area during the performance of the Work hereunder. Conduct operations so as not to interfere unnecessarily with the authorized work of utility companies or other agencies in such streets, alleyways, or parking areas. No street shall be closed to the public without first obtaining permission of Engineer and proper governmental authority. Where excavation is being performed in primary streets or highways, always maintain one lane in each direction open to traffic unless otherwise indicated. Provide toe boards to retain excavated material if required by Engineer or the agency having jurisdiction over the street or highway. Fire hydrants on or adjacent to the Work shall always BE kept accessible to fire-fighting equipment. Temporary provisions shall be made to assure the use of sidewalks and the proper functioning of all gutters, storm drain inlets, and other drainage facilities.
- D. Traffic Control: For the protection of traffic in public or private streets and ways, provide, place, and maintain all necessary barricades, traffic cones, warning signs, lights, and other safety devices in accordance with the requirements of the MUTCD, Part VI - Traffic Controls for Street and Highway Construction and Maintenance Operations."
- E. Take all necessary precautions for the protection of the Work and the safety of the public. All barricades and obstructions shall be illuminated at night, and all lights shall be kept burning from sunset until sunrise. Station such guards or flaggers and conform to such special safety regulations relating to traffic control as may be required by the public authorities within their respective jurisdictions. All signs, signals, and barricades shall conform to OSHA Safety and Health Standards for Construction.
- F. Temporary Street Closure: If closure of any street is required during construction, apply in writing to the authority having jurisdiction at least 30 days in advance of the required closure for signage and detour requirements.
- G. Temporary Driveway Closure: Notify property owner or occupant (if not owner-occupied) of the closure of the driveways to be closed more than one eight-hour workday at least three working days prior to the closure. Minimize the inconvenience and minimize the time that the driveways will be closed. Fully explain to the owner/occupant how long the work will take and when closure is to start.

1.5 WORK AND STORAGE AREA

- A. Owner will designate as indicated in the Contract Documents, and arrange for the Contractor's use, a portion of the property east of Old Highway 40 and between the

campground on the south and dirt parking lot/river to the north for use during the term of the Contract as a storage and shop area for construction operations on the Work. Provide a plot plan of intended storage/work area use to Engineer.

1. Contractor may use the area between the road and the gate for unsecured storage. If secured storage is desired, the area east of the gate may be used and access to the lock will be provided. Contractor must maintain access to the gate and shop buildings east of the gate at all times. Contractor shall coordinate with the property owner (Central Utah Water Conservancy District) on plans for staging and storage and to obtain access to the site. Contact information for the property owner's representative is below.
 - a. Paul Pierpont: (801) 226-7190
- B. Make independent arrangements for any necessary off-site storage or shop areas necessary for the proper execution of the Work.
- C. Lands to be furnished by Owner for construction operation and other purposes are indicated. Should it be necessary to use any additional land for staging or for other purposes during the construction of the Work, independently arrange for the use of such lands and pay any required rental or use fees. Unless otherwise shown, specified, or agreed, all sites shall be returned to their original condition or better upon completion of the Work.
- D. Nothing herein shall imply granting an exclusive use of roadways or public and/or private land employed to perform the Work.
- E. Temporary Storage Buildings and Enclosures
 1. Provide environmental control systems that meet recommendations of manufacturers of equipment and materials to be stored therein.
 2. Arrange and partition to provide security of contents and ready access for inspection and inventory.
- F. Construct and use a separate storage area with adequate spill containment for hazardous materials used in constructing the Work.
 1. For the purpose of this paragraph, hazardous materials to be stored in the separate area are all products labeled with any of the following terms: Warning, Caution, Poisonous, Toxic, flammable, Corrosive, Reactive, or Explosive. In addition, whether or not so labeled, the following materials shall be stored in the separate area: diesel fuel, gasoline, new and used motor oil, hydraulic fluid, cement, paints and paint thinners, two-part epoxy coatings, sealants, asphaltic products, glues, solvents, wood preservatives, sand blast materials, and spill absorbent.
 2. Hazardous materials shall be stored in groupings according to the Material Safety Data Sheets.
 3. Develop and submit to Engineer a plan for storing and disposing of the materials above.
 4. The separate storage area shall meet the requirements of authorities having jurisdiction over the storage of hazardous materials.
 5. Hazardous materials which are delivered in containers, shall be stored in the original containers until use. Hazardous materials which are delivered in bulk, shall be stored in containers which meet the requirements of authorities having jurisdiction.
 6. Obtain and submit to Engineer a single EPA number for wastes generated at the site.

7. The separate storage area shall be inspected by the proper authorities prior to construction of the area, upon completion of construction of the area, and upon cleanup and removal of the area.
 - G. In the event machinery and equipment need servicing on site, be responsible to clean environmentally hazardous materials from the site immediately.
 - H. Contractor shall maintain at all times the existing chain link fence protecting the secure area to the north (the dam).
- 1.6 PARKING/CONSTRUCTION TRAILER
- A. Provide a level pad sufficient for setting a 10-foot x 40-foot office trailer by others. The pad shall include a gravel area for parking of minimum 7 vehicles. This work will be done within three days of mobilization at the jobsite.
 - B. Provide a 25 KVA diesel electrical generator to power Owner's jobsite trailer within three days of mobilization to the jobsite. Provide power feed conductor, terminate at the trailer main panel, and assure activation of power. Service, lubricate, fuel, and otherwise care for the generator throughout the life of the Contract to assure continuous power availability.
 - C. Employees shall park in areas indicated or as directed by Engineer.
 - D. Traffic and parking areas shall be maintained in a sound condition, free of excavated material, construction equipment, mud, and construction materials. Repair breaks, potholes, low areas, which collect standing water, and other deficiencies.

PART 2 - PRODUCTS (NOT USED)

PART 3 - EXECUTION (NOT USED)

END OF SECTION

MEETING AGENDA

SNOWMAKING PIPE REPLACEMENT PRE-BID MEETING

Monday December 22nd

11:00 am

Attendees

Sterling Barlow (COP), Bronson Anderson (BD Bush), Tyler Stoker (FX), Mark Lloyd (MVC), Dave Fuller (JSSD), Chance Morris (JSSD), Clayton Riding (JSSD), Brandon Ashcroft (BC&A)

Discussion Items

1. Project Description
 - Replace 30" HDPE pipe across utility bridge over Provo River with 24 restrained DI pipe (TR Flex)
 - Tie into existing 24" DI on south side above bridge, extend insulation below ground
 - Tie into 30" HDPE pipe on north side of bridge with 30"x24" reducer, HDPE flange adapter with stainless steel backup ring.
 - Anchor block on HDPE pipe on north side
 - Remove existing 36" steel casing and foam insulation
 - Proposed pipe section includes wax tape, Foamglas insulation, and protective outerwrap
2. Construction Constraints
 - Snowmaking pipe between 2 existing active utilities – 20 sanitary sewer and 16" culinary water, both in steel casings.
3. Environmental Considerations
 - Working over a river
 - Owner obtaining Stream Alteration Permit from State
4. Site
 - Property on north side of the river is owned by Federal Government (Bureau of Reclamation)
 - Secure area – temporary fencing required.
 - Must maintain one lane of traffic across bridge.
 - Staging on the east side of road, south of the river.
 - This is federal property, may require special use permit, will confirm.
 - Must maintain access for federal workers through this area to gate
5. Schedule
 - Bids due January 12th at 2:00 pm
 - Target Notice of Award – January 14th
 - Target NTP – January 20th

- Anticipated construction – March and April
- 6. Foamglass Insulation Installer (one of several)
 - John Mitchell
 - (385) 229-9892
- 7. Engineer's Opinion of Probable Construction Cost
 - \$200,000
- 8. JSSD will blue stake utilities