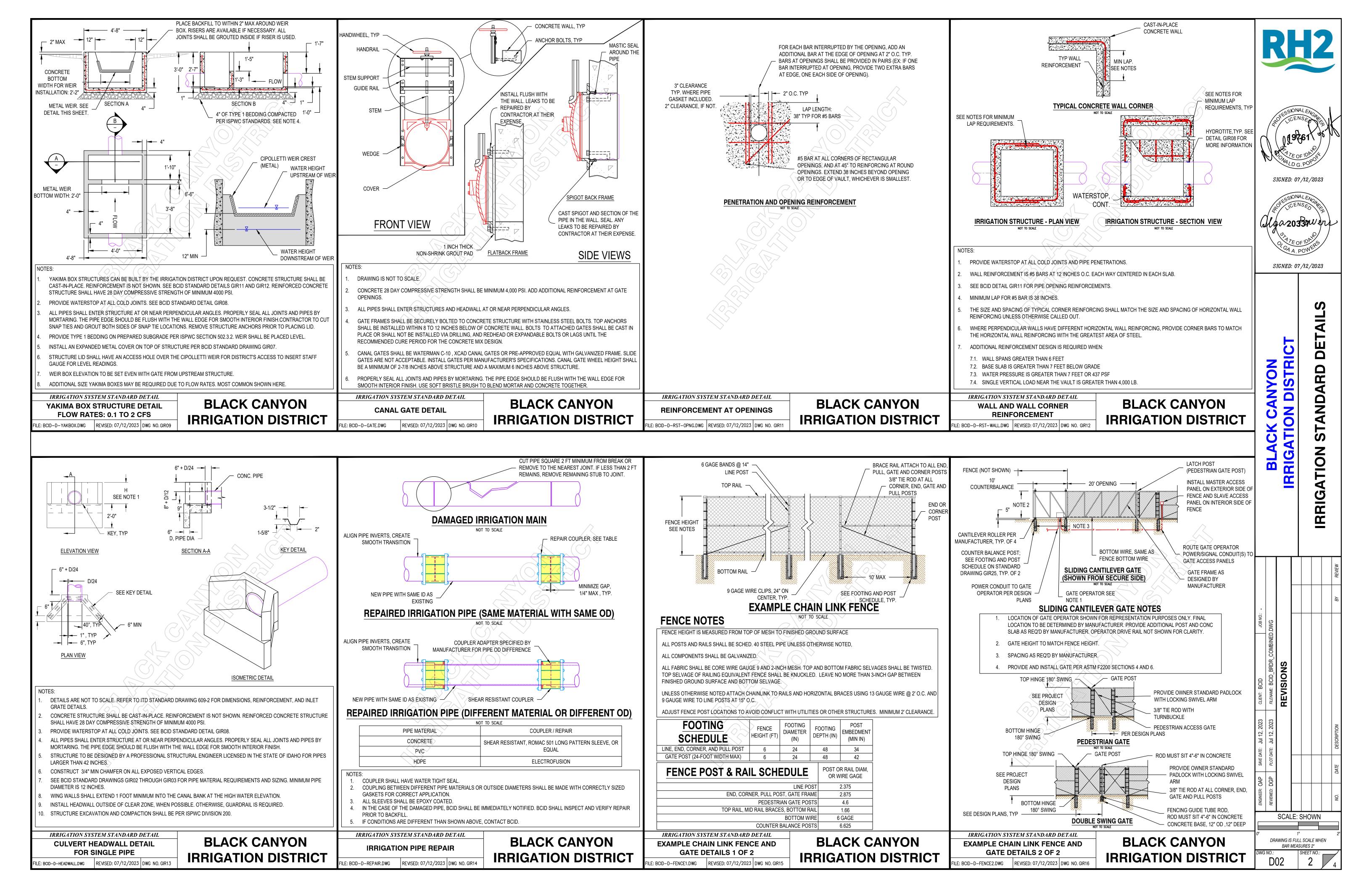
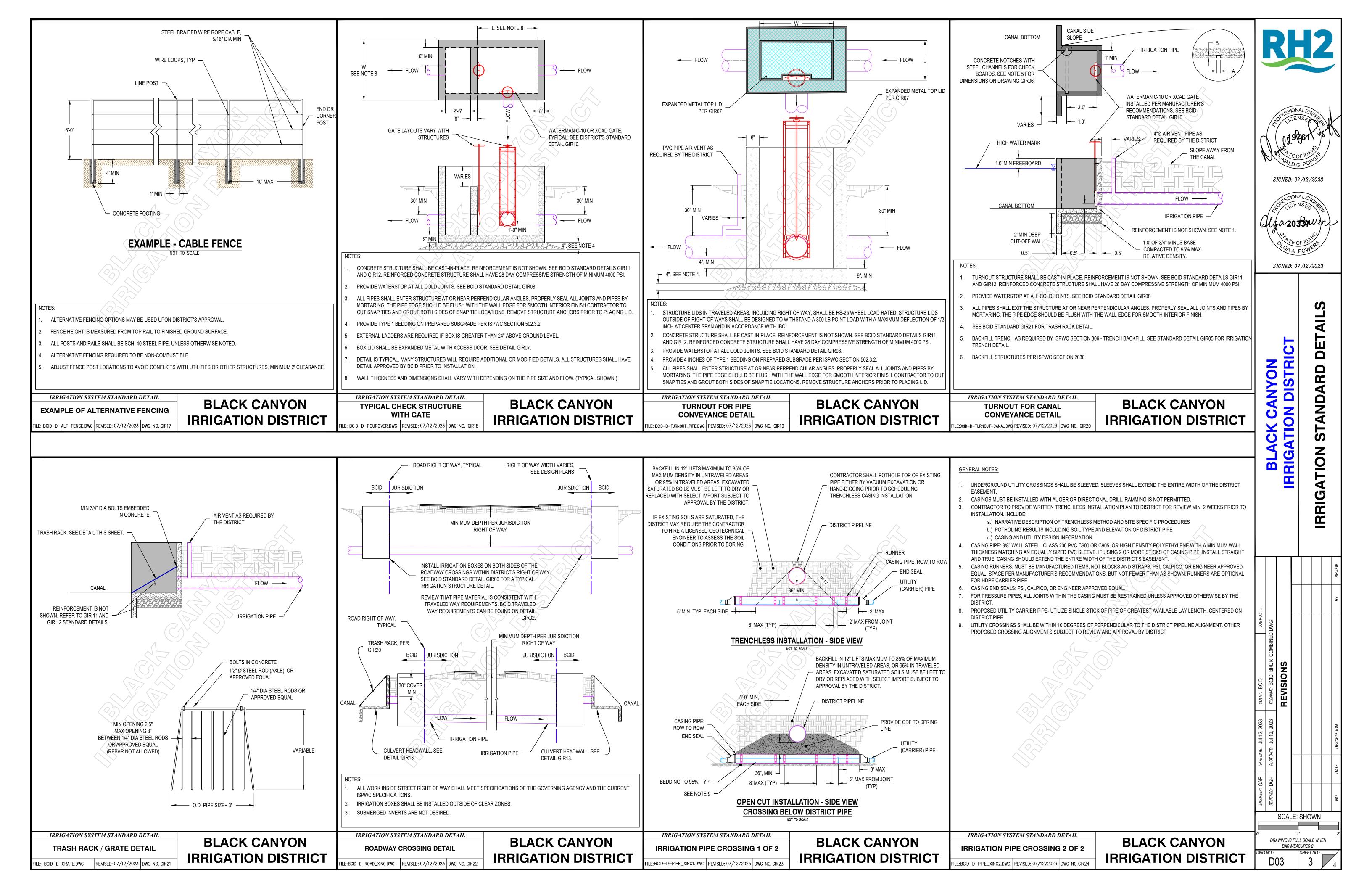
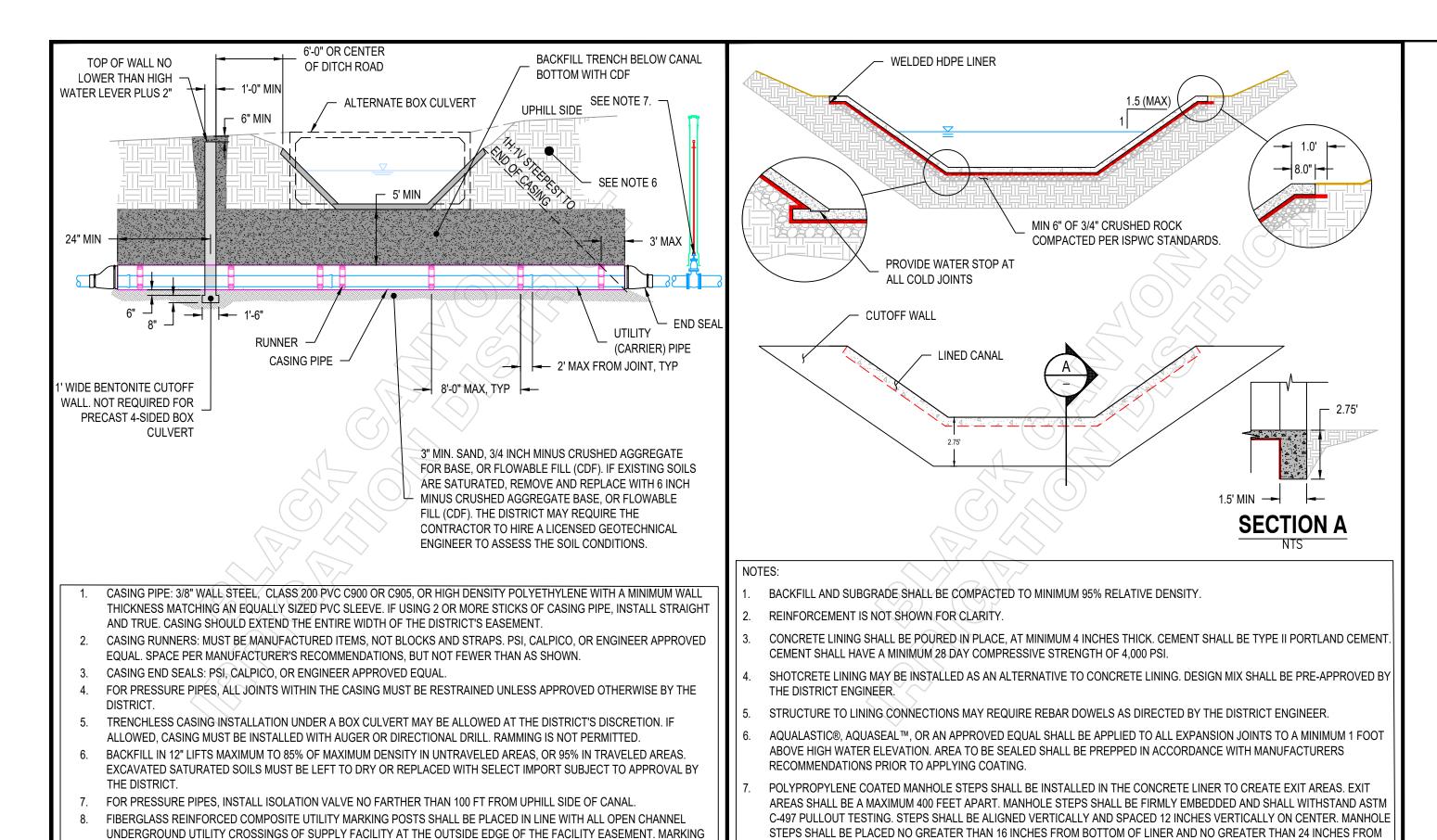
CONSTRUCTION CON'T ADMINISTRATION DESIGN CON'T **BLACK CANYON IRRIGATION DISTRICT** DELIVERY RATES: GRAVITY FLOW PIPE SHALL BE LABELED WITH MANUFACTURER INFORMATION AND DATE OF MANUFACTURE. PVC SDR-35 OR **GRAVITY IRRIGATION STANDARD DETAILS** HIGHWAY CROSSINGS SHALL ADHERE TO OWNER'S STANDARDS POLY-COATED ALUMINIZED STEEL TYPE 2 CORRUGATED STEEL PIPE (10 GAUGE MINIMUM WALL THICKNESS) MAY BE FIRST UNIT: IRRIGATION WATER DELIVERY RATE IS 1 MINER'S INCH OF WATER (1/50 = 0.02 CFS) PER IRRIGABLE ACRE. PERMITTED BY THE DISTRICT IN DRAIN CROSSING LOCATIONS AS DETERMINED BY THE DISTRICT. ADOPTED JULY 12TH, 2023 LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE ESTIMATED UNLESS STATED OTHERWISE. IT IS THE SECOND UNIT: IRRIGATION WATER DELIVERY RATE IS 0.75 MINER'S INCH OF WATER PER IRRIGABLE ACRE (0.75/50 = CONTRACTOR'S RESPONSIBILITY TO VERIFY, LOCATE AND PROTECT ALL UTILITIES WITHIN THE PROJECT AREA. THE 0.015 CFS) ALL CONCRETE PIPES SHALL BE MANUFACTURED IN ACCORDANCE WITH ASTM C76 REINFORCED CONCRETE PIPE AND SHEET INDEX CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING OR REPAIRING ANY UTILITIES DAMAGED DURING CONSTRUCTION. TESTED IN ACCORDANCE WITH ASTM C497. JOINTS SHALL BE IN ACCORDANCE WITH ASTM C 443, RUBBER GASKETED JOINTS THE TOTAL YEARLY QUANTITY (Qa) OF WATER DELIVERED FOR THE SECOND UNIT IS SCHEDULED TO BE 5 ACRE FEET SHOW ENCOUNTERED UTILITIES ON THE AS-BUILTS. DESCRIPTION DWG NO. DESCRIPTION DWG NO. INSTALLED PIPE JOINTS SHALL MEET THE MAXIMUM ALLOWABLE JOINT GAP REQUIREMENTS PER THE PIPE MANUFACTURER. (IF WATER QUANTITIES ALLOW - BASED ON SEASONAL FLOWS). ONLY AIR-TESTED CONCRETE PIPE IS ALLOWED TO BE INSTALLED IN BCID FACILITIES, UNLESS ALLOWED BY THE DISTRICT. GIR01 CHAIN LINK FENCE AND GATE DETAILS 1 OF 2 GIR15 LOCATION AND EXTENT OF UTILITIES WITHIN THE PROJECT LIMITS ARE UNKNOWN. CONTRACTOR SHALL CONTACT AN ELECTRONIC AS-BUILT RECORD MUST BE SUBMITTED TO THE DISTRICT BEFORE IRRIGATION SERVICE WILL BE PROVIDED PROPERTY OWNERS ADJACENT TO THE PROJECT FOR LOCATING PRIVATE IRRIGATION SYSTEMS. CONTRACTOR IS **IRRIGATION GENERAL NOTES 1** CHAIN LINK FENCE AND GATE DETAILS 2 OF 2 GIR16 GIR02 ALL PVC PIPES SHALL BE MANUFACTURED IN ACCORDANCE WITH ASTM D2241. JOINTS SHALL BE BELL AND SPIGOT END WITH RESPONSIBLE FOR LOCATING IRRIGATION MAINS AND REPLACING OR REPAIRING PIPELINES DAMAGED DURING INTERRUPTION OF AGRICULTURAL IRRIGATION WATER SERVICE TO LANDS DOWNSTREAM OF THE SUBJECT PROPERTY WIL ASTM F477 ELASTOMERIC GASKETS. IRRIGATION GENERAL NOTES 2 GIR03 EXAMPLE OF ALTERNATIVE FENCING GIR17 CONSTRUCTION. SHOW THESE PIPELINES ON THE AS-BUILTS. TYPICAL STRUCTURE WITH GATE GIR18 **IRRIGATION GENERAL NOTES 3** GIR04 WHEN A SMALLER GRAVITY PIPE JOINS A LARGER ONE. THE INVERT OF THE LARGER PIPE SHOULD BE LOWERED CONTRACTOR SHALL POTHOLE A SUFFICIENT DISTANCE AHEAD OF PIPELAYING TO VERIFY DEPTH OF EXISTING UTILITIES ANY PROPOSED DEVELOPMENT THAT HAS BCID INFRASTRUCTURE IN THE PARCEL OR ADJACENT TO THE PARCEL THAT SUFFICIENTLY TO MAINTAIN THE SAME ENERGY GRADIENT. PIPING SHALL BE LAID WITH UNIFORM SLOPE AND ALIGNMENT GIR19 IRRIGATION TRENCH DETAIL TURNOUT FOR PIPE GIR05 AND CROSSING UTILITIES TO ANTICIPATE ANY NECESSARY CHANGES IN FITTINGS OR ALIGNMENT. REQUIRES A LAND-USE ACTION AT THE CITY OR COUNTY LEVEL (INCLUDING ZONING CHANGES, SUBDIVISIONS, LAND BETWEEN STRUCTURES. PIPE LENGTHS ARE REQUIRED TO BE MAXIMIZED TO REDUCE THE NUMBER OF JOINTS. EIGHT (8) GIR20 TYPICAL IRRIGATION STRUCTURE DETAIL URNOUT FOR LATERAL GIR06 DIVISIONS OF GREATER THAN 2 PARCELS, ETC) WILL REQUIRE FENCING OF ANY PIPES, OPEN DITCHES, CANALS, AND DRAINS FOOT LENGTHS OR TWELVE (12) FOOT LENGTHS SHALL BE UTILIZED WHERE POSSIBLE. INSTALLATION OF LOCATING WIRE CONTRACTOR SHALL ONLY DISPOSE OF WASTE MATERIAL AT APPROVED SITES. OPERATED BY BCID. PER BCID RESOLUTION 2023-01. ATTACHED TO THE TOP OF THE PIPE MAY BE REQUIRED AS DETERMINED BY THE DISTRICT. GIR21 GIR07 TRASH RACK DETAIL METAL LID GIR22 TYPICAL ROADWAY CROSSING WATERSTOP GIR08 TRENCH SECTION AND ALL EXCAVATED AREAS SHALL BE BACKFILLED AND COMPACTED IN ACCORDANCE WITH ISPWC ANY DEVELOPMENT THAT HAS BCID INFRASTRUCTURE ON THE PARCEL OR ADJACENT TO THE PARCEL THAT REQUIRES A CONCRETE STRUCTURES SHALL BE CAST IN PLACE, UNLESS DIRECTED OTHERWISE, BCID MAY PROVIDE SOME STRUCTURES DIVISION 200 SECTION 202 CLASS A COMPACTION. SOIL BACKFILL MATERIAL SHALL MEET THE REQUIREMENTS OF ISPWC LAND-USE ACTION AT THE CITY OR COUNTY LEVEL (INCLUDING ZONING CHANGES, SUBDIVISIONS, LAND DIVISIONS OF GIR23 IF AVAILABLE, UPON REQUEST. YAKIMA BOX STRUCTURE DETAILS GIR09 TYPICAL PIPE CROSSING 1 OF 2 DIVISION 200 SECTION 203 - SOIL MATERIALS SUBSOIL TYPES S3 OR S4. COMPACTION TESTING IS REQUIRED DURING GREATER THAN 2 PARCELS, ETC) WILL REQUIRE PIPING (TILING) OF OPEN CANALS AND LATERALS OPERATED BY THE BCID. SIGNED: 07/12/2023 GIR24 CANAL GATE DETAIL TYPICAL PIPE CROSSING 2 OF 2 BACKFILLING OPERATIONS AT THE DISCRETION OF THE DISTRICT. IF TRENCH BACKFILL DOES NOT MEET COMPACTION PER BCID RESOLUTION 2023-02. A MINIMUM 12-FOOT WIDE GRAVEL ROAD SHALL BE CONSTRUCTED FOR BCID ACCESS TO THEIR FACILITIES. ACCESS ROAD REQUIREMENTS, CONTRACTOR SHALL EXCAVATE, RECOMPACT AND RETEST MATERIAL AT CONTRACTOR'S EXPENSE. GIR25 REINFORCEMENT AT OPENINGS TYPICAL CANAL CROSSING SHALL BE 3/4" MINUS ROAD MIX 8 INCHES DEEP. PER BCID RESOLUTION 2023-03. GIR11 NO WORK IS PERMITTED DURING IRRIGATION SEASON WITHOUT EXPRESSED WRITTEN AND DISTRICT'S APPROVAL. GIR26 WALL AND CORNER REINFORCEMENT TYPICAL CONCRETE LINED CANAL IF CONSTRUCTION IS IN TRAFFIC, AT THE END OF EACH WORKING DAY, A TEMPORARY PATCH OVER THE TRENCH CUTS IRRIGATION OFF SEASON IS TYPICALLY NOVEMBER 1ST THROUGH MARCH 1ST. SEALING PIPE PENETRATIONS: USE HYDROTITE O-RING, CJ, SS, OR DSS PROFILE BONDED TO PIPE WITH RUBBER ADHESIVE SHALL BE PLACED SO THAT TRAFFIC IS NOT AFFECTED IN ANY WAY. MATERIAL FOR THESE TEMPORARY PATCHES SHALL BE CULVERT HEAD DETAIL FOR SINGLE PIPE GIR13 CENTER O-RING ON THE WALL, MINIMUM 2" FROM THE FACE OF CONCRETE TO HYDROTITE. USE NON-SHRINK GROUT TO FILL CRUSHED SURFACING BASE COURSE OR COLD MIX. NOVEMBER 1ST IS THE CUTOFF FOR APPROVED PLANS TO BE CONSTRUCTED IN THE PENETRATION AROUND THE PIPE. GIR14 IRRIGATION PIPE REPAIR DESIGN ALL TRENCHING AND SHORING TO BE DONE IN ACCORDANCE WITH OSHA STANDARDS MINIMUM PIPE DESIGN PARAMETERS LISTED BELOW. IF THE MINIMUM VELOCITY CAN NOT BE ACHIEVED DUE TO THE EXISTING SHALLOW CANAL SLOPES, THE EXISTING CANAL MAY BE FENCED IN LIEU OF PIPE INSTALLATION. DISTRICT APPROVAL IS CONTACT INFORMATION ALL PIPES THAT WILL BE OWNED AND OPERATED BY THE DISTRICT SHALL BE PRESSURE TESTED PER ISPWC. N PRESENCE CALL 48 HOURS BEFORE YOU DIG SEE SUMMARY TABLES BELOW FOR PIPE LOCATIONS AND MATERIAL TO BE USED. OTHER PIPES MAY BE ALLOWED WITH OF THE ENGINEER AND IN ACCORDANCE WITH ISPWC DIVISION 500 SECTION 501 PART 3.4. CONTRACTOR IS RESPONSIBLE **BUSINESS OFFICE** BLACK CANYON IRRIGATION DISTRICT ONE CALL 1-800-342-1585 DISTRICT APPROVAL. FOR PRESSURE TESTING ALL NEW OR MODIFIED PORTIONS OF DISTRICT INFRASTRUCTURE. FINAL PRESSURE TESTING 474 ELGIN STREET a. ASSUME PIPE 75% FULL SIGNED: 07/12/2023 REPORT ALL SPILLS SHALL BE CONDUCTED AFTER ALL UTILITY INSTALLATION AND BEFORE ANY PAVEMENT PLACEMENT. FINAL ACCEPTANCE NON-TRAVELED WAYS (NO WHEEL LOADING) NOTUS, ID 83656 b. MINIMUM VELOCITY IS 2.5 FEET PER SECOND DEPT. OF ENVIRONMENTAL QUALITY AND WARRANTY PERIOD WILL NOT BEGIN PRIOR TO A PASSING PRESSURE TEST PHONE: (208) 459-4141 c. MAXIMUM VELOCITY IS 5 FEET PER SECOND (MAY EXCEED WITH DISTRICT'S APPROVAL) 100 PSI SDR 41; GASKETED BELL AND SPIGOT PIP 1-800-632-8000 d. MINIMUM PIPE DIAMETER IS 12 INCHES THREE YEAR MINIMUM WORKMANSHIP PRODUCT WARRANTY IS REQUIRED PVC CLASS 125 SDR 32.5 **ABBREVIATIONS** e. USE "n" VALUE FOR MANNING'S FORMULA OF 0.013 HDPE IPS SDR 17; PE 4710; BUTT FUSION ASSOCIATION OF CANYON COUNTY FW **FUSION WELD OUTSIDE DIAMETER** CONSTRUCTION HIGHWAY DISTRICTS GALVANIZED CLASS III MINIMUM - GASKETED (ASTM C-76 / ASTM C-4430) PRESSURE IRRIGATION CATCH BASIN **GRAVITY IRRIGATION** PLASTIC IRRIGATION PIPE CONTROL DENSITY FILL (FLOWABLE HDPE HIGH-DENSITY POLYETHYLENE CONSTRUCTION OF IMPROVEMENTS SHALL BE IN ACCORDANCE WITH THE BLACK CANYON IRRIGATION DISTRICT. THE MOST CONCRETE FILI HOT MIXED ASPHALT PROPOSED TRAVELED WAYS- ANY WHEEL LOADING (H-25 MIN) POUNDS PER SQUARE INCH CURRENT VERSION OF THE IDAHO STANDARDS FOR PUBLIC WORKS CONSTRUCTION (ISPWC), AND HIGHWAY STANDARDS AND NSIDE DIAMETER **NVERT ELEVATION** POLYVINYL CHLORIDE CONSTRUCTION CENTERLINE DEVELOPMENT PROCEDURES FOR THE ASSOCIATION OF CANYON COUNTY HIGHWAY DISTRICTS (ACCHD). AWWA C-900 OR C-905; DR 18 / PR 235; GASKETED BELL PVC IDAHO STANDARDS FOR PUBLIC REINFORCED CONCRETE PIP COPPER TUBE SIZE AND SPIGOT DUCTILE IRON WORKS CONSTRUCTION RESILIENT SEAT SPECIFICATIONS 1 DIAMETER A PRECONSTRUCTION CONFERENCE IS REQUIRED PRIOR TO CONSTRUCTION AND 48 HOURS ADVANCE NOTIFICATION OF THE HDPE IPS SDR 17; PE 4710; BUTT FUSION STAINLESS STEEL DRAWING LOCAL MUNICIPALITY. BCID AND ALL AFFECTED UTILITY COMPANIES IS REQUIRED PRIOR TO THE ACTUAL START OF WORK. **EXISTING GROUNI** MANHOLE STANDARD RCP CLASS IV MINIMUM; GASKETED **ELEVATION** MALE IRON PIPE STEEL **EXISTING** MECHANICAL JOINT FITTING SOLVENT WELD THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH THE PROVISIONS OF THE RIGHT-OF-WAY / STREET POLY-COATED ALUMINIZED TYPE 2 CORRUGATED STEEL; 2-2/3' FLANGED NUMBER CONSTRUCTION PERMIT AS ISSUED BY THE LOCAL TRANSPORTATION AGENCY, LOCAL CITY JURISDICTION, AND/OR IDAHO **APPROVAL** X 1/2" CORRUGATIONS; 10 GAUGE MIN FINISHED GRAD ON CENTER TRANSPORTATION DEPARTMENT FRANCHISE FOR THIS PROJECT. IRRIGATION SYSTEM STANDARD DETAIL IRRIGATION SYSTEM STANDARD DETAIL IRRIGATION SYSTEM STANDARD DETAIL IRRIGATION SYSTEM STANDARD DETAIL **BLACK CANYON BLACK CANYON BLACK CANYON BLACK CANYON IRRIGATION GENERAL NOTES IRRIGATION GENERAL NOTES IRRIGATION GENERAL NOTES** COVER PAGE 1 OF 3 PAGE 2 OF 3 PAGE 3 OF 3 **IRRIGATION DISTRICT IRRIGATION DISTRICT IRRIGATION DISTRICT IRRIGATION DISTRICT** FILE: BCID-D-COV.DWG REVISED: 07/12/2023 DWG NO. GIR01 ILE: BCID-D-CNOTE1.DWG REVISED: 07/12/2023 DWG NO. GIRO2 TILE: BCID-D-CNOTE2.DWG REVISED: 07/12/2023 DWG NO. GIRO3 FILE: BCID-D-CNOTE3.DWG REVISED: 07/12/2023 DWG NO. GIR04 CAST IN PLACE STANDARD ANGLE IRON FOR REINFORCEMENT BELOW WALL REINFORCEMENTS ─ 4.0' MIN 4.0 MIN ----IRRIGATION BOX PER ISPWC STD UNDER EXPANDED METAL. SEE NOTE 1. INSTALL WATERSTOP ON WATER SIDE PIPE OD + 24" FOR DRAWING NO. SD-619. LID NOT EXPANDED METAL LID OF REBAR. SEE NOTE 2. PIPE OD LESS THAN 15' SHOWN FOR CLARITY. SEE STANDARD DRAWING GIR07 FOR SPRINGLINE METAL LID DETAILS. PIPE ZONE BEDDING PER SUPPORT ANGLE IRON. SEE PIPE ZONE ISPWC STD DRAWING SD-302 DETAIL THIS SHEET AND NOTE 2. $\mathbf{\Gamma}$ THE LID OPEN PERPENDICULAR → FLOW TO ACCESS ROAD MECHANICAL RED HEAD THREADED STUD EMBEDDED 3" MIN. FOR **ROUGHEN TO 1/8" AMPLITUDE AND** PIPE ZONE BEDDING DETAIL LOCKING PROVIDE 2" LONG x 1" WIDE CHECK BOARDS AS SANDBLAST TO REMOVE ALL REQUIRED LOOSE AND LATENT MATERIAL FLOOR REINFORCEMENTS PRIOR TO SETTING FORMS. BACKFILL AND MECHANICALLY HYDROTITE WATERSTOF COMPACT (6" LIFTS) IMPORTED FOOTING PROVIDE HINGE FOR ALL CENTERED ON THE WALL OR SELECT BACKFILL OR NATIVE 2.0' MIN STRUCTURES WITH CHECK MINIMUM 2" EDGE ON BOTH MATERIAL WITH DISTRICT APPROVAL RESTORE SURFACE TO BOARDS TO PROVIDE ACCESS TO 95% OF THE MODIFIED PROCTOR. EXPANDED METAL STRUCTURE LID. **EXISTING CONDITION** TO CHECK BOARDS SEE STANDARD DETAIL GIR07 OR BETTER 3/8"x4"x5" SQUARE U BOLT WITH NATIVE SOIL CONDITIONS PIPE METAL STRAP. PULL HANDLE UNKNOWN, CONTRACTOR SHALL GROUND SURFACE -1.0' MIN LOCATION TO BE ON ACCESS BE RESPONSIBLE FOR TRENCH 30" MIN. ROAD SIDE OF THE BOX. CONCRETE NOTCHES WITH STABILITY AND SAFETY. **EXPANDED METAL TOP LID WITH** PIPE DIA ≤ 24": MAX COVER 48" STEEL CHANNELS FOR CHECK PIPE DIA > 24": MAX COVER 36" EDGE RIBBON FOR SAFETY. HORIZONTAL LIMITS. COMPACT BEDDING AND BACKFILL BOARDS. SEE NOTE 5 FOR REINFORCE WITH CROSS BARS PIPE OD + 24" FOR WITH HAND OPERATED MECHANICAL DIMENSIONS. ENSURE THE PIPE OD LESS THAN 15" METALLIC MARKING TAPE COMPACTOR TO 1-FT ABOVE PIPE THE NOTCHES LINE UP WHERE REQUIRED BY THE · CROWN. HOE PACK MAY BE USED - SUMP: 0.33' TOGETHER. ABOVE 1-FT. CONTRACTOR SHALL DISTRICT TAKE ADEQUATE PRECAUTIONS NOT 1.5' WIDTH FLOWABLE 0.3' TYPE 1 BEDDING. TO DAMAGE PIPE. MECHANICAL RED HEAD FILL (CDF) TRENCH SEE NOTE 4. THREADED STUD EMBEDDED DAM IF NECESSARY 3" MIN. FOR LOCKING PROVIDE 2/3 OUTSIDE BOX 1/3 OUTSIDE BOX 2" LONG x 1" WIDE OPENING IRRIGATION MAIN DIMENSION PIPE ZONE BEDDING AND CONCRETE STRUCTURE SHALL BE CAST-IN-PLACE. REINFORCEMENT IS NOT SHOWN. SEE BCID STANDARD DETAILS GIR11 BACKFILL PER DETAIL AND GIR12. REINFORCED CONCRETE STRUCTURE SHALL HAVE 28 DAY COMPRESSIVE STRENGTH OF MINIMUM 4000 PSI. FOR PRESSURED PIPE WITH NO EXCAVATE UNSUITABLE MATERIAL STRUCTURES, PURPLE 10 PROVIDE WATERSTOP AT ALL COLD JOINTS. SEE BCID STANDARD DETAIL GIR08. AND PROVIDE FOUNDATION GAUGE LOCATING WIRE TAPED STRUCTURE LIDS IN RIGHT OF WAY SHALL BE HS-25 WHEEL LOAD RATED. STRUCTURE LIDS OUTSIDE OF RIGHT OF WAYS MATERIAL CLASS A CONFORMING TO PIPE EVERY 5', OR AS SHALL BE DESIGNED TO WITHSTAND A 300 LB POINT LOAD WITH A MAXIMUM DEFLECTION OF 1/2 INCH AT CENTER SPAN ALL PIPES SHALL ENTER STRUCTURE AT OR NEAR PERPENDICULAR ANGLES. PROPERLY SEAL ALL JOINTS AND PIPES BY TO ISPWC DIVISION 200 SECTION REQUIRED BY THE DISTRICT MORTARING. THE PIPE EDGE SHOULD BE FLUSH WITH THE WALL EDGE FOR SMOOTH INTERIOR FINISH.CONTRACTOR TO CONSTRUCTION JOINTS ARE REQUIRED FOR ALL FLOOR TO WALL TRANSITIONS 202 COMPACTED TO A UNIFORMLY CUT SNAP TIES AND GROUT BOTH SIDES OF SNAP TIE LOCATIONS. REMOVE STRUCTURE ANCHORS PRIOR TO PLACING DENSE AND UNYIELDING ALL EXPANDED METAL TOPS SHALL BE REINFORCED WITH STEEL ANGLE IRON OR OTHER WITH A MAXIMUM CLEAR OF 6 FLOOR TO WALL WATERSTOP SHALL BE HYDROTITE WATERSTOP, OR A HYDROPHILIC STRIP BENTONITE BASED FOUNDATION, WHEN UNSUITABLE SQUARE FEET. ANGLE IRON REINFORCEMENT: 2" X 2" X 1/4" WATERSTOP CETCO RX102 FOR WALLS UP TO 6-INCH THICK AND CETCO RX101 FOR WALL 8-INCH AND LARGER. TRENCH DETAIL MATERIAL IS ENCOUNTERED AND PROVIDE TYPE 1 BEDDING ON PREPARED SUBGRADE PER ISPWC SECTION 502.3.2 AS DIRECTED BY THE ENGINEER ALL EDGES OF EXPANDED METAL TOP (INCLUDING INTERNAL EDGES) SHALL HAVE 2" x 1/8" STEEL FLAT BAR RIBBON RUBBER PIPE GASKETS SHALL BE PLACED AROUND ALL PIPE PENETRATIONS PRIOR TO CONCRETE PLACEMENT. NOT TO SCALE WHEN CHECK BOARD ARE REQUIRED, THE NOTCH DIMENSIONS VARY WITH STRUCTURE SIZE: WELDED FOR SAFETY. REINFORCING STEEL SHALL BE BCID STANDARD DETAIL GIR11 AND GIR12. STRUCTURES LESS THAN 60 INCH WIDE STRUCTURES 60 INCHES OR GREATER IN WIDTH WALL AND FLOOR THICKNESS AND REINFORCEMENT AS SPECIFIED ON THE STRUCTURE DESIGN. A: 4" A: 4" SCALE: SHOWN B: 2" B: 1.5" IRRIGATION SYSTEM STANDARD DETAIL IRRIGATION SYSTEM STANDARD DETAIL IRRIGATION SYSTEM STANDARD DETAIL IRRIGATION SYSTEM STANDARD DETAIL **BLACK CANYON BLACK CANYON BLACK CANYON BLACK CANYON** DRAWING IS FULL SCALE WHEN TYPICAL EXPANDED METAL LID TYPICAL IRRIGATION BAR MEASURES 2" IRRIGATION TRENCH DETAIL WATERSTOP STRUCTURE DETAIL **IRRIGATION DISTRICT IRRIGATION DISTRICT IRRIGATION DISTRICT IRRIGATION DISTRICT** ILE: BCID-D-METALLID.DWG REVISED: 07/12/2023 DWG NO. GIR07 E: BCID-D-CHECKSTR.DWG REVISED: 07/12/2023 DWG NO. GIR06 FILE: BCID-D-WATERSTOP.DWG REVISED: 07/12/2023 DWG NO. GIR08 LE: BCID-D-TRENCH.DWG REVISED: 07/12/2023 DWG NO. GIR05







TOP OF LINER.

FILE: BCID-D-CONC-LINED.DWG REVISED:

BLACK CANYON

IRRIGATION DISTRICT

IRRIGATION SYSTEM STANDARD DETAIL

CONCRETE LINED CANAL

DWG NO. GIR26

BLACK CANYON

IRRIGATION DISTRICT

POSTS SHALL BE LABELED "CAUTION BURIED [UTILITY]".

IRRIGATION SYSTEM STANDARD DETAIL

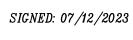
IRRIGATION CANAL CROSSING

FILE:BCID-D-CANAL_XING.DWG REVISED: 07/12/2023 DWG NO.GIR25

BLACK CANYON RIGATION DISTRICT









SIGNED: 07/12/2023

IRRIGATION DISTRICT
ATION STANDARD DETAILS

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SCALE: SHOWN

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BAR MEASURES 2"

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