Bear Creek Park Irrigation Nonpotable Conversion

El Paso County Parks 2002 Creek Crossing Colorado Springs, CO 80905

This plan set documents current conditions and provides specifications for a service line extension connected to an existing 8" nonpotable stub. The project involves only the Nonpotable Water system, no other utility services will be modified or extended.

These drawings reflect specifications put forth in the current edition of Colorado Springs Utilities' Water Line and Service Standards (WaterLESS). Details and specifications may be superceded by any subsequent publication of the standards. Installation Contractor is responsible for meeting or exceeding all specifications in the most recent edition of the WaterLESS.

These drawings and plans are based on locations and information found in the following plans and drawings:

- As-built drawings dated July 2004 provided by Colorado Springs Utilities
- Utility location information obtained from CSU's Public Mapping Portal in November 2021
- Google Earth imagery dated October 2018

Existing Irrigation System based on:

- Design drawing provided by El Paso County Parks dated October 2003
- El Paso County Irrigation Assessment and Renovation Plan dated January 2019.
- Field observations made October 2018 and December 2021.

The new nonpotable water meter installation has been assigned the address:

2020 Creek Crossing

Colorado Springs, CO 80905

Owner's representative:

Kyle Melvin, Assistant Park Operations Division Manager

El Paso County, CO

719.520.6976

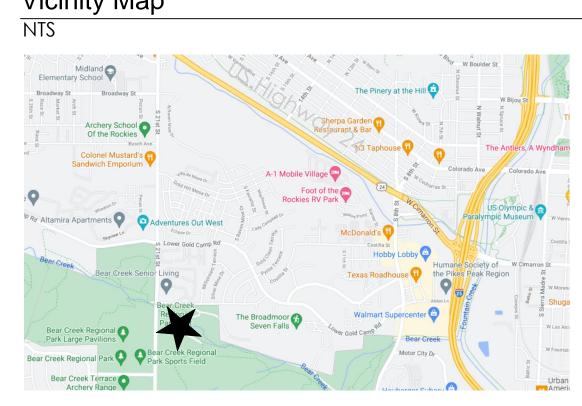
Certified Irrigation Designer

William Marbaker, CID

Tapis Associates, Inc.

719.593.1540

Vicinity Map



Index to Drawings

Sheet 1 Coversheet - Summary of Work, Approvals, Sheet Index

Sheet 2 Nonpotable Service Line Extension - Adjacent Utilities, Water Plan Notes

Sheet 3 Nonpotable Service Line Extension - Site Detail and Elevation

Sheet 4 Details - Colorado Springs Standards

Sheet 5 Nonpotable Irrigation System Improvements

Nonpotable Irrigation Conversion Summary of Work

This drawing set documents current conditions and changes needed for nonpotable conversion of the irrigation system at the El Paso County Parks Administration Building in Bear Creek Park. Drawings are based on available maps and plans. Field location of all appurtenances will be required.

The nonpotable irrigation system will be connected to an existing 8" DIP stub on the 24" DIP nonpotable main. As-built drawings indicate the presence and location of the stub nominally 280' from the Parks Administration Building.

The Nonpotable Conversion Project includes procurement of equipment, construction, and installation, Contractor is responsible for all labor and equipment to complete a fully compliant and operational nonpotable irrigation system.

Nonpotable Service Line Extension and Meter Pit

- 1. Create a nonpotable extension from existing 8" stub--CSU Project #2002-N005. Extend 8" DIP a length of 6' from existing valve and reduce to connect to flush
- 2. Terminate service line with an approved flush hydrant. Flush hydrant and service line will be located 10' from the centerline of the 24" DIP main and well within the existing pipeline easement.
- 3. Install a prefabricated meter pit outside of the utility easement. Location to be approved by owner's representative prior to installation. (2021 WaterLESS standard detail on sheet 4.)
- 4. Install Type K copper service line piping, corporate stop and box, wye strainer, and associated equipment between tap and meter pit.
- 5. Coordinate with Colorado Springs Utilities for service line tap and meter

Irrigation System Provisioning and Connection

- 6. Modify existing irrigation system mainline. Disconnect from potable source per details on sheet 4. Leave no stub.
- 7. Repair potable piping (at disconnection point) to retain operable potable
- connections to other parts of the property. 8. Install backflow, security cage, master valve, flow sensor. Connect these to meter with Type K Copper pipe. Location to be approved by Owner's
- Representative prior to installation. 9. Trench and install new mainline piping to connect nonpotable water source to
- existing mainline. Approximately 275' of new PVC mainline. 10. Modify existing mainline loop by removing tee and valves plus removing 3' of decommissioned potable PVC mainline. Cap decommissioned pipe segment remaining buried at both ends with purple caps.
- 11. Connect new nonpotable mainline to existing mainline loop with new tee and isolation valves with purple handles.
- 12. Trench and install in conduit approximately 1,600' new wiring as shown on plans. Wiring will extend from controller location in building to each valve, master valve and sensor. This includes all wiring necessary for complete and operational irrigation system including connections between controller to all existing valves, new master valve, and sensors.
- 13. Demonstrate fully functional system to owner's representative.

Alternate Bid Items

- 14. Procure and install new irrigation controller inside the building. This includes electrical supply and wiring from item #12 above.
- 15. Replace all valve box covers with purple covers. Paint/mark valves and heads. Raise boxes as needed.
- 16. Adjust and raise all heads as necessary. Replace any broken equipment with new parts as shown in the New Equipment and Pipe Schedule.

Approvals

OWNER/DEVELOPER PLAN APPROVAL THE UNDERSIGNED OWNER/DEVELOPER AGREES THAT THEY SHALL, AT THEIR EXPENSE, BE SOLELY RESPONSIBLE FOR 1) THE INSTALLATION OF THE PROPOSED UTILITY INFRASTRUCTURE IN ACCORDANCE WITH THESE PLANS, AND 2) ALL DAMAGES AND DEFECTS ARISING FROM, OR RELATED TO, THE INSTALLATION, MAINTENANCE OR OPERATION OF THE PUBLIC UTILITY INFRASTRUCTURE FROM THE DATE OF PRELIMINARY ACCEPTANCE FOR A PERIOD OF TWO YEARS, OR UNTIL FINAL ACCEPTANCE, WHICHEVER IS LATER THE UNDERSIGNED UNDERSTANDS THAT ALL PRIVATE UTILITY INFRASTRUCTURE, AS INDICATED ON THESE PLANS, SHALL REMAIN THE PROPERTY OF THE OWNER AND SHALL BE MAINTAINED BY THE OWNER, AS REQUIRED BY COLORADO SPRINGS UTILITIES' LINE EXTENSION X PRIVATE FACILITIES PROPOSED Syle Melvin Date: 2022.03.02 10:25:03 - 06'00' DATE: 2 June 2022 El Paso County Parks, Kyle Melvin, Assistant Park Operations Division Manager OWNER/DEVELOPER (PRINT NAME) El Paso County Parks ADDRESS: 2002 Creek Crossing Colorado Springs, CO 80905 719.520.6976 KyleMelvin@ElPasoCo.com

E 35 & E 36 FIMS MAP NUMBER: 7400000153 TAX SCHEDULE NO.: Highline (potable) PRESSURE ZONE: STATIC PRESSURE AT MDD: 90 PSI (nominal) UTILITY DESIGN CAD FILE NO .: UAP FILE NO: DEVELOPMENT PLAN NO.: APPROVAL DATE: n/a PLAT REC. NO.: PUBLIC UTILITY EASEMENT REC. NO: 7400000302 NOTICE OF PRIVATE WASTEWATER SYSTEM REC. NO.: N/CI NOTICE OF PRIVATE WATER SYSTEM REC. NO.: N/CI

COLORADO SPRINGS UTILITIES NONPOTABLE WATER MAIN DESIGN APPROVAL				
APPROVED 08/01/2022 10:26:59 AM dmakings PROJECT NUMBER: _2022-N001 Nonpotable Water WORK ORDER NUMBER: _3829251 Colorado Springs Utilities It's how we're all connected				
APPROVAL EXPIRES ONE (1) YEAR FROM THE DATE ABOVE AND RESUBMITTAL OF THESE PLANS FOR REVIEW AND APPROVAL IS REQUIRED IF CONSTRUCTION DOES NOT BEGIN DURING THIS PERIOD.				



Landscape Architecture | Planning | Xeriscape | LEED Services Xeriscape | Project Management | Irrigation Design

Tapis Associates, Inc.

540 Buckeye Terrace Level

719.359.2813 CELL Colorado Springs, CO 80919 719.593.1540 OFFICE



Bear Creek Park 2002 Creek Crossing Colorado Springs, CO 80905

Cover Sheet Summary of Work Approvals

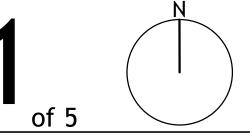
Sheet Index

3 Jun 2022 1) K Melvin Signature

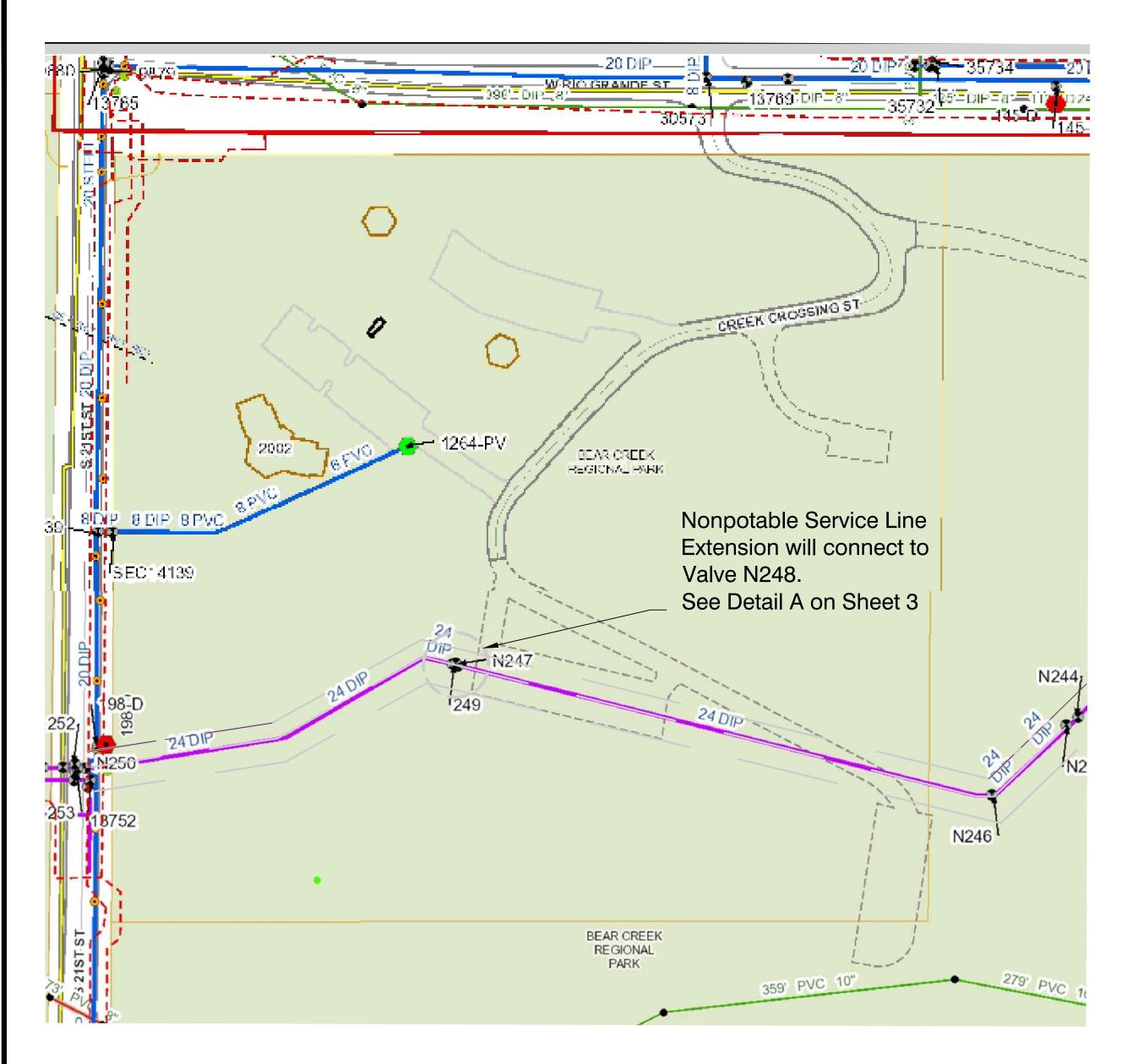
2022-N001

Know what's below.

Call 811 before you dig.



Date: 3 June 2022



Adjacent Utility Mains

1" = 100'

Colorado Springs Utilities Water Plan Notes

THE CONTRACTOR SHALL NOTIFY COLORADO SPRINGS UTILITIES' INSPECTION OFFICE 719-668-4658 A MINIMUM OF 48 HOURS PRIOR TO THE START OF CONSTRUCTION

GENERAL:

- 1. ALL CONSTRUCTION METHODS AND MATERIALS SHALL MEET COLORADO SPRINGS UTILITIES' WATER LINE EXTENSION AND SERVICE STANDARDS (WaterLESS).
- 2. THE CONTRACTOR SHALL OBTAIN UNDERGROUND UTILITY LOCATES PRIOR TO ANY EXCAVATION.
- 3. COLORADO SPRINGS UTILITIES DOES NOT GUARANTEE THE ACCURACY OF LOCATIONS OF EXISTING PIPELINES, HYDRANTS, VALVES, AND SERVICE LINES.
- NO TREES OR STRUCTURES ARE PERMITTED WITHIN FIFTEEN FEET (15') OF A WATER MAIN.
 THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE TO ANY UTILITY FACILITIES AS A RESULT OF HIS ACTIONS. THE CONTRACTOR SHALL MAKE ALL THE REQUIRED REPAIRS IMMEDIATELY
- TO THE SATISFACTION OF COLORADO SPRINGS UTILITIES.

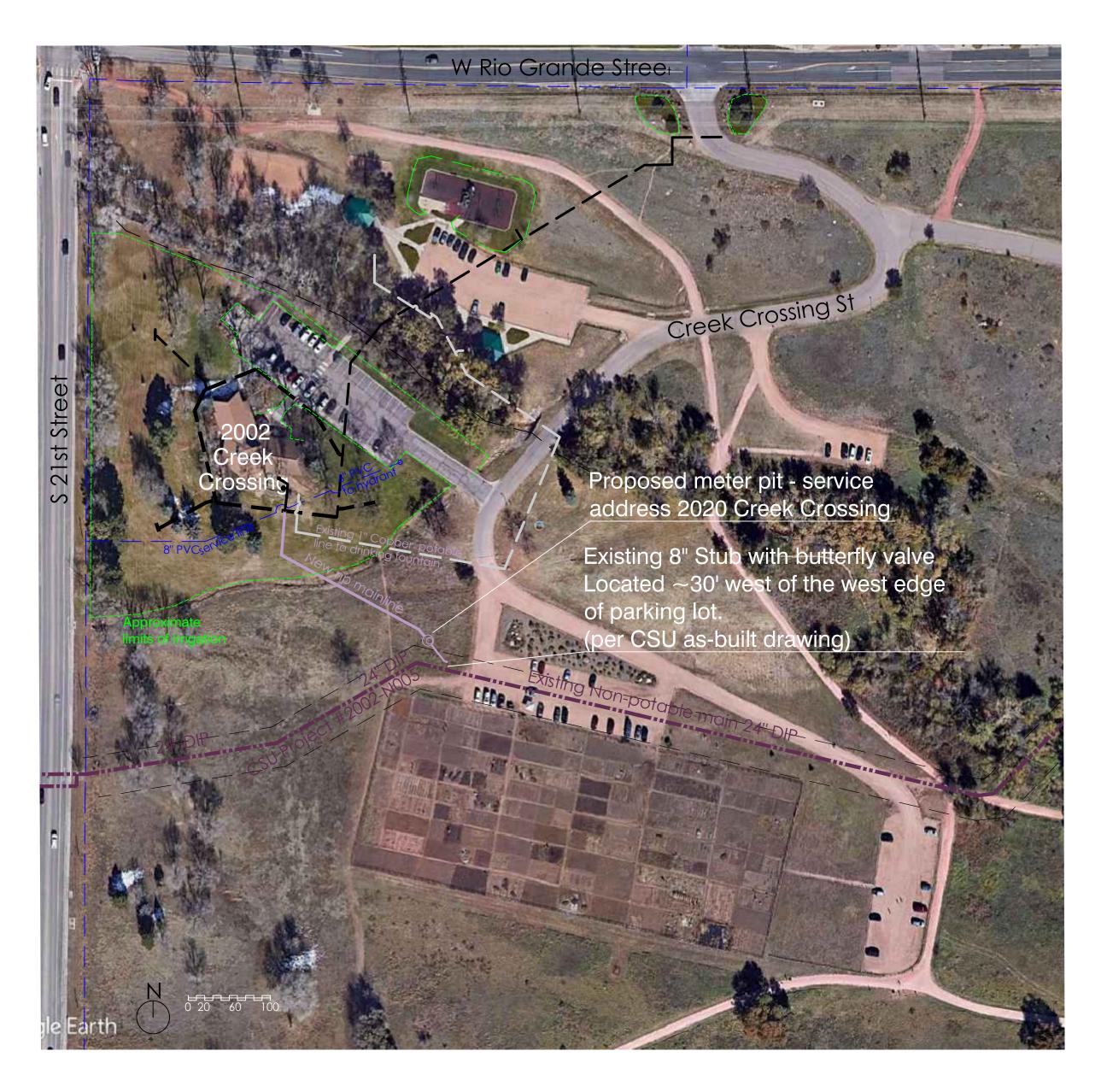
 6. ALL FIELD STAKING SHALL COMPLY WITH THE *WaterLESS*.

 7. THE CONTRACTOR SHALL MAKE THEIR BEST EFFORT TO ENSURE THAT WATER SERVICE TO
- ADJACENT PROPERTIES IS MAINTAINED DURING CONSTRUCTION.
- CORROSION PROTECTION MEASURES SHALL COMPLY WITH THE WaterLESS.
 NO SERVICE TAPS WILL BE ALLOWED UNTIL THE MAIN IS EXTENDED TO THE NEXT MAIN-LINE VALVE
- 10. NO SERVICE TAPS SHALL BE MADE UNTIL AUTHORIZATION HAS BEEN GRANTED BY THE
- COLORADO SPRINGS UTILITIES' INSPECTOR.

 11. ALL BENDS SHALL BE FIELD STAKED PRIOR TO CONSTRUCTION AND THE STATIONING ON THE FIELD STAKES SHALL MATCH THE STATIONING OF THE PLANS.
- 12. FIELD MODIFICATIONS TO A FIRE SERVICE LINE OR FIRE HYDRANT DESIGN OR LOCATION MAY NEED TO BE APPROVED BY THE DESIGN ENGINEER. COLORADO SPRINGS FIRE DEPARTMENT AND COLORADO SPRINGS UTILITIES, AS REQUIRED BY THE INSPECTOR.
- 13. REUSE OR SALVAGE OF ANY MATERIAL IS LEFT TO THE DISCRETION OF THE COLORADO SPRINGS UTILITIES INSPECTOR.
- 14. ALL TRENCH BACKFILL AND COMPACTION SHALL BE IN ACCORDANCE WITH SECTION 206 OF THE CITY OF COLORADO SPRINGS STANDARD SPECIFICATIONS MANUAL.
- 15. ALL WATER SERVICE LINES SHOULD ENTER THE BUILDING WITHIN 3 FEET OF AN EXTERIOR WALL. EXPOSED WATER PLUMBING SHALL BE MINIMIZED INSIDE THE BUILDING PRIOR TO THE WATER METER AND/OR APPROVED BACKFLOW PREVENTION ASSEMBLY OR METHOD.

Nonpotable Water Construction Plan Notes

- NONPOTABLE WATER SHALL ONLY BE UTILIZED FOR NONPOTABLE
 WATER PURPOSES. IT IS NEITHER SUITABLE NOR INTENDED FOR HUMAN
 CONSUMPTION.
- 2. ALL NONPOTABLE WATER PIPING, VALVES, OUTLETS AND FIXTURES, AND OTHER APPURTENANCES SHALL BE COLOR-CODED IN CONFORMANCE WITH THE NATIONAL INDUSTRIAL COLOR CODE (NICC) AND SECTION 4.7 OF THE WaterLESS.
- 3. ALL NEW BURIED DISTRIBUTION PIPING IN THE NONPOTABLE WATER DISTRIBUTION SYSTEM SHALL BE COLORED PURPLE PIPE AND EMBOSSED OR BE STAMPED/MARKED "CAUTION-NONPOTABLE WATER DO NOT DRINK"; OR BE INSTALLED WITH PURPLE IDENTIFICATION TAPE, OR A PURPLE POLYETHYLENE VINYL WRAP, AS APPROVED BY COLORADO SPRINGS UTILITIES.
- 4. ALL NONPOTABLE WATER VALVES, OUTLETS, PUBLIC ENTRANCES AND BOUNDARIES OF AREAS IRRIGATED WITH NONPOTABLE WATER, AND ANY PORTABLE EQUIPMENT USED TO DISTRIBUTE NONPOTABLE WATER SHALL BE TAGGED OR SIGNED WITH THE FOLLOWING WORDS "NONPOTABLE WATER DO NOT DRINK".
- 5. VALVES SHALL BE THE SAME SIZE AS THE NONPOTABLE MAIN/FITTING. VALVES INSTALLED ON NONPOTABLE WATER MAINS SHALL BE OPEN TO THE LEFT (COUNTER-CLOCKWISE) WITH A BLACK OPERATING NUT AND A PURPLE VALVE LID.



Utilities and Irrigation

- ---- Potable Water Water Main and service line
- Nonpotable Water Main
- ---- Nonpotable Water Main Easement
- --- Irrigation Mainline Existing
- New Nonpotable Irrigation Mainline Connection
- ---- Limits of Irrigation



Site Improvements - Aerial Photograph

1'' = 100''

Colorado Springs Utilities Water Plan Notes

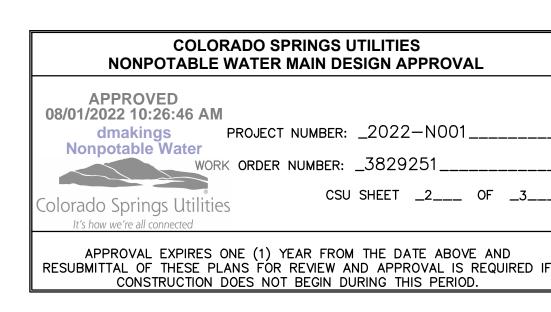
चुं ने पूर्व WATER PROJECT-SPECIFIC NOTES

ANY EXISTING STUBS AND APPURTENANCES THAT WILL NOT BE USED SHALL
BE REMOVED AND REPLACED WITH AN ACCEPTABLE SECTION OF MAIN AT
THE EXPENSE OF THE CONTRACTOR.

A CONNECTION TO AN EXISTING STUB IS PROPOSED. COLORADO SPRINGS UTILITIES DOES NOT GUARANTEE THE ACCURACY OF THE DEPTHS OR LOCATIONS OF EXISTING STUBS SHOWN ON ANY "AS-BUILT" DRAWINGS.

A WATER STUB-OUT(S) IS/ARE PROPOSED. COLORADO SPRINGS UTILITIES DOES NOT GUARANTEE THAT THE DESIGN OR INSTALLATION OF THE PROPOSED WATER STUB-OUT WILL MEET FUTURE DEVELOPMENT NEEDS.

A WATER QUALITY PLAN HAS BEEN APPROVED FOR THIS PROJECT





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Colorado Springs, CO 80919

Bear Creek Park Irrigation Nonpotable Conversion

Bear Creek Park 2002 Creek Crossing Colorado Springs, CO 80905

Shoot Title

Nonpotable Service Line Extension

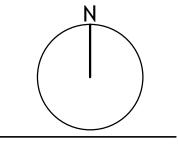
Adjacent Utilities Water Plan Notes

10113				
Number	Description	Date		

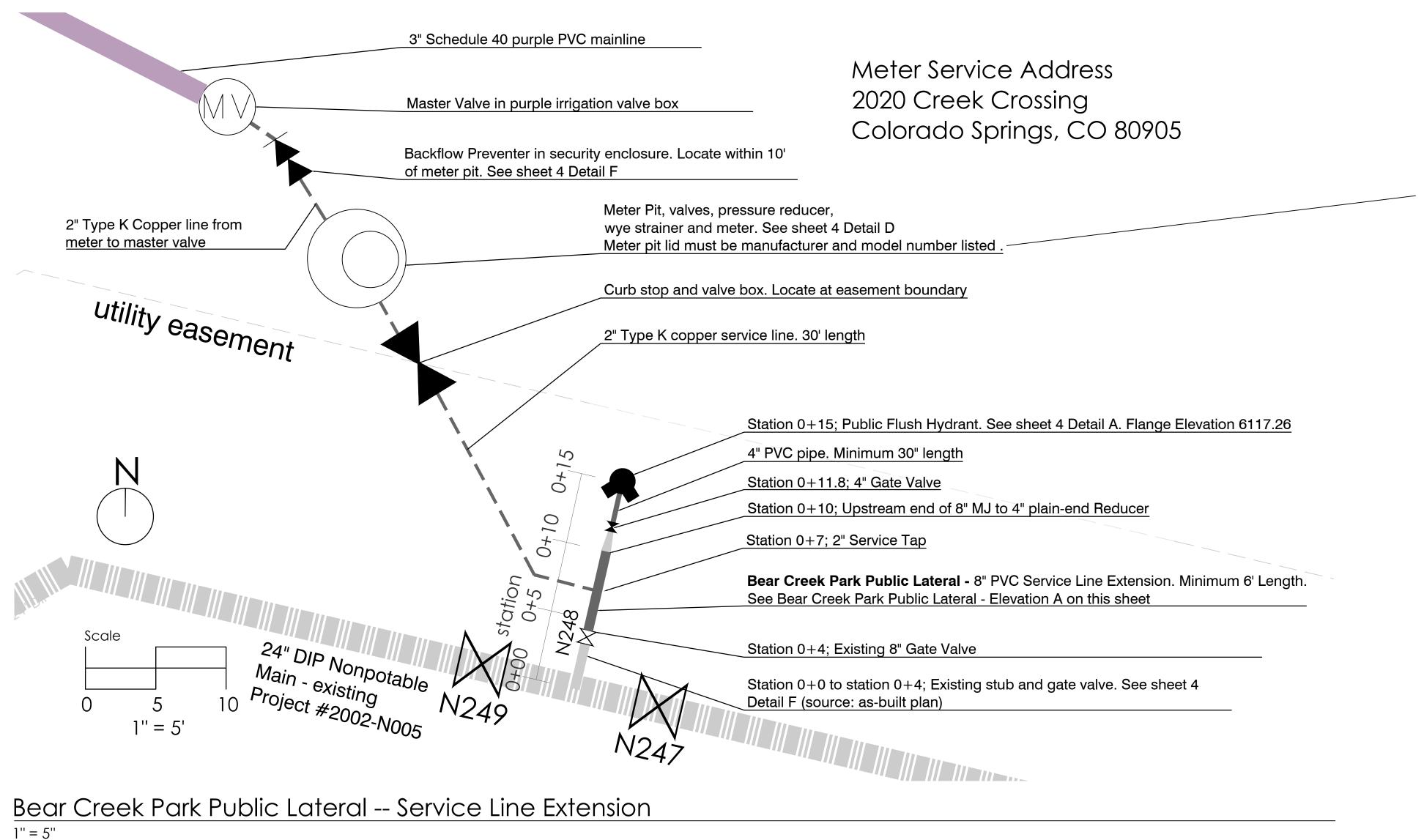
oject Number: 2022-N001

DRAFT

2 of 5



Date: 20 Jan 2022



slope = 1%

0+15

0+10

Service Line Extension and Tap Equipment

Equipment	Size	Manufacturer & Model	Notes	
Flush Hydrant 4"		AVK Series 67 Flushing/Sampling Hydrant. 4" MJ connection	Rustoleum Safety Purple #160830 & Gloss white #2192 Nonpotable color specifications in WaterLESS section 4.4.K.1 Description: WaterLESS section 5.21.O.3 See sheet 4, detail D	
Meter Vault 6' I.D.		none specified		
Meter Pit Lid	24"	GMI Composite, Inc. 1313-305 Lavender	Description: WaterLESS section 4.5.F.2 See sheet 4, detail D	
Pipe	8"	PVC C900 DR 14 Pressure Class 305. Purple.	Approved manufacturers listed in WaterLESS section 4.4.B.3	
Pipe	4"	PVC C900 DR 14 Pressure Class 305. Purple.	Approved manufacturers listed in <i>WaterLESS</i> section 4.4.B.3	
Reducer	8" MJ x 4" Plain end	none specified	Mechanical Joint (MJ) Adapter AWWA C110 specified in <i>WaterLESS</i> section 4.4.D.1	
Gate Valve	4"	Resilient Seat Type from approved list. Nonpotable colors, open left.	Approved valves specified in <i>WaterLESS</i> section 4.4.E.1	
Nonpotable Marking Tape		none specified	Laid on pipe & taped every 10' and at ends. Laid in place over the nonpotable main approximately 1' above pipe and again 2' below the surface.	
Pipe bedding			Specifications in WaterLESS section 5.11	
Pressure-reducing Val	2"	WATTS LF25AUB-Z3		
Y Strainer	2"	Febco LF650A	Locate downstream of input valve and upstream of Pressure-reducing valve in meter pit	
Pipe Application	Size	Material	Depth	
Bear Creek Park	8"	PVC C900 DR 14 Pressure pipe	6'	
Public Lateral -		from an approved		
Service Line		manufacturer.		
Extension		(WaterLESS section 4.4.B.3)		
Bear Creek Park 4"		PVC C900 DR 14 Pressure pipe	6'	
Public Lateral -		from an approved		
Service Line		manufacturer.		
Extension		(WaterLESS section 4.4.B.3)		
Service Line Tap to 2"		Type K Copper	6'	

Irrigation pipe size schedule on sheet 5

2" Type K Copper

Station 0+15; Install 4" Flush Hydrant with 17 lb anode per sheet 4 Detail A. Flush hydrant flange elevation 6117.26 (3" above finish grade) Inv elevation 6111.26

Finish Grade - elevation 6117 (contractor to verify) Station 0+4; Remove 8" blind flange from existing gate valve. Install minimum 6' long, 8" diameter PVC pipe extension. Slope 1%; Inv elevation 6111.00 (contractor to verify)

Station 0+7; Install 2" tap on 8" PVC pipe. Elevation 6111.4

Purple trench Marking Tape. Place 1' above pipe and 2' below finish grade

Station 0+10; Install 8" MJ x 4" plain end reducer. 8" inlet Inv elevation 6111.06

Station 0+11.8; Install 4" Gate Valve per detail. Inv elevation 6111.22

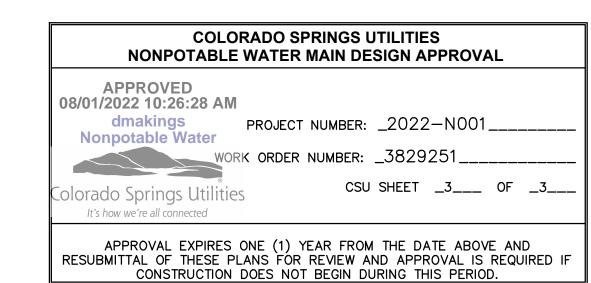
Install Thrust Block w/minimum 16.25 sq ft bearing surface (4.64' x 4.64') and hydrant blocks. See sheet 4 Detail A

4" PVC pipe. Minimum 30" length. Slope = 1%

Gate valve must be purple in color.

Purple PVC to be used for 8" and 4" segments. (See Service Line and Tap Equipment above.)









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Bear Creek Park Irrigation Nonpotable Conversion

Bear Creek Park 2002 Creek Crossing Colorado Springs, CO 80905

Nonpotable Service Line Extension Site Detail Elevation

KENIZIOUZ		
Number	Description	Date
1) Purple	3 Jun 2022	
2) Hydrai	3 Jun 2022	
3) Callou	3 Jun 2022	

2022-N001 Date: 3 June 2022

Vation

6120

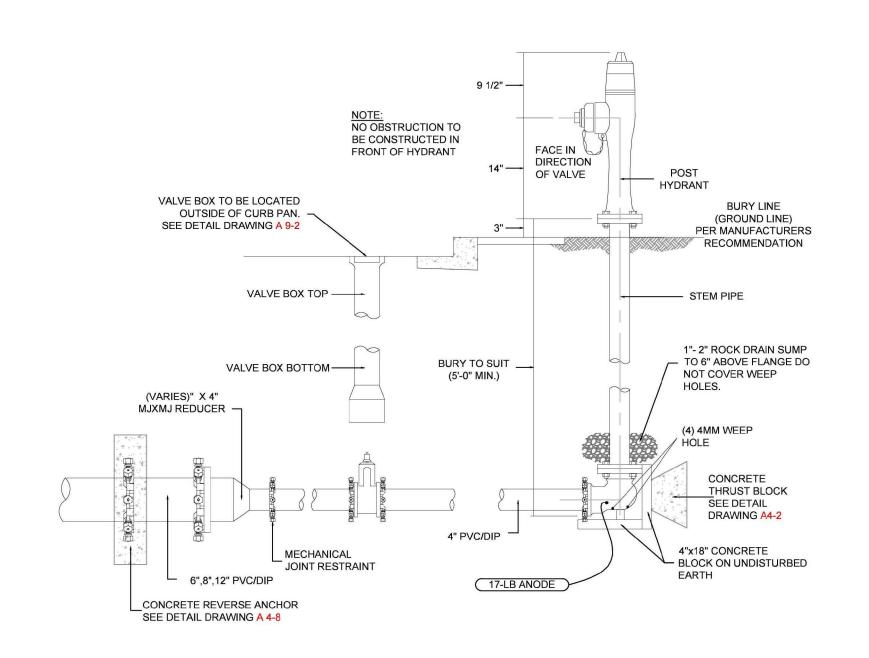
61.

Existing

Nonpot Main

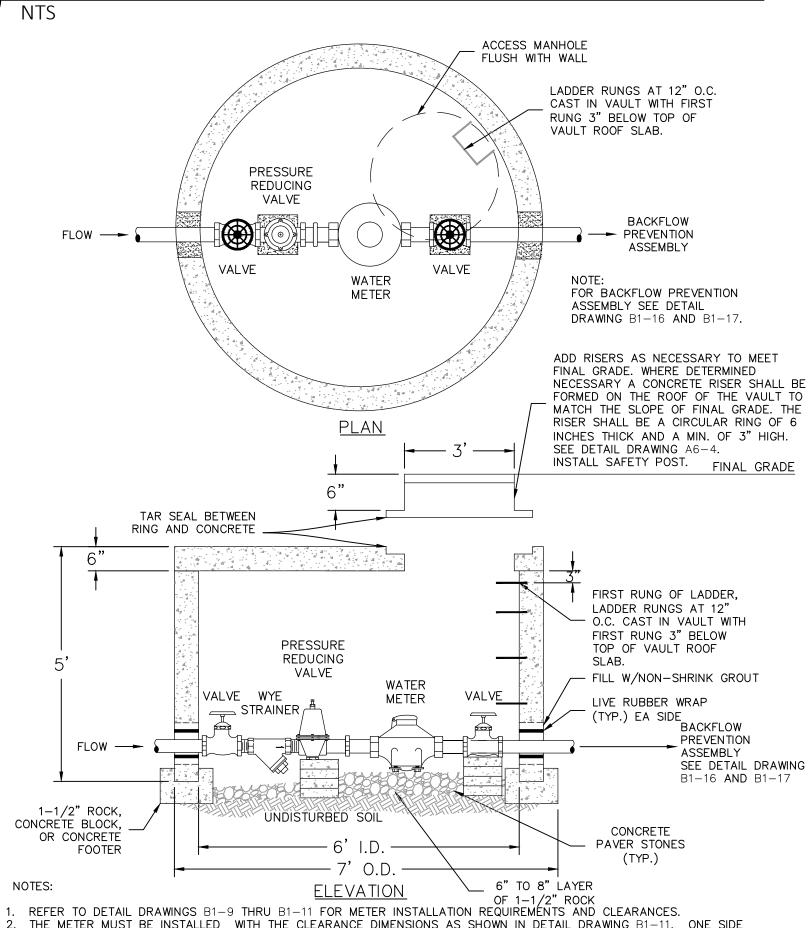
Station 0+00

Bear Creek Park Public Lateral - Elevation A

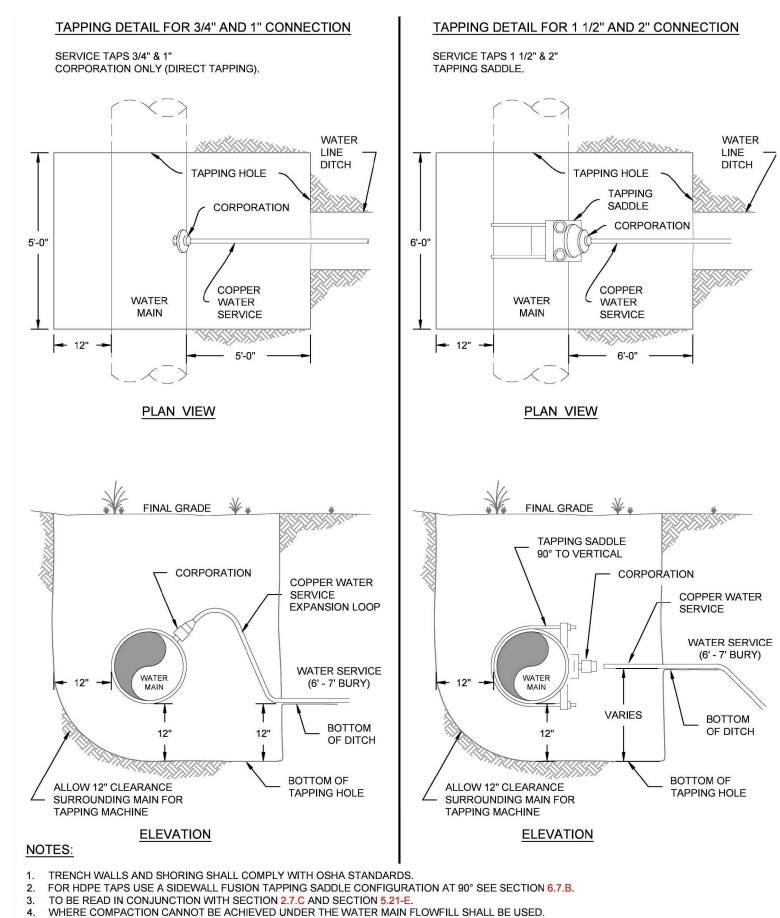


- 1. TRACER WIRE AND 17Ib ANODE TO BE INSTALLED WITH EACH POST HYDRANT. 2. WHEN LATERAL IS GREATER THAN ONE PIPE LENGTH A RESTRAINING COUPLING IS REQUIRED AT EACH JOINT. 3. MAINTAIN 5' MIN. CLEARANCE AROUND POST HYDRANT FROM ABOVE GROUND STRUCTURE/VAULTS.
- Colorado Springs Utilities-Post Hydrant on Dead End (A5-6)

4. REFERENCE DETAIL DRAWING A5-1 FOR POST HYDRANT LOCATION.

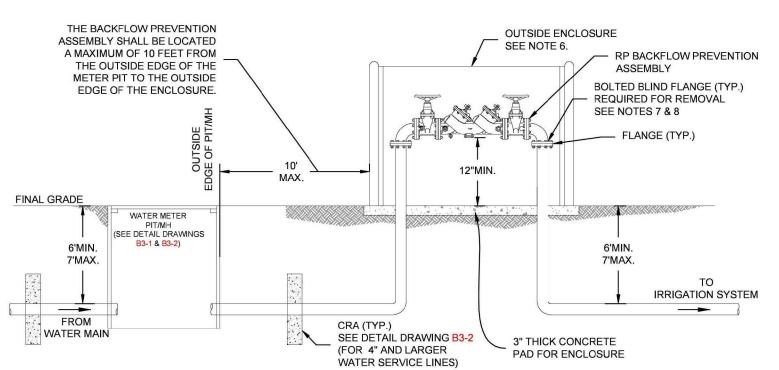


- 2. THE METER MUST BE INSTALLED WITH THE CLEARANCE DIMENSIONS AS SHOWN IN DETAIL DRAWING B1-11. ONE SIDE OF THE METER SHALL BE FREE FROM ANY OBSTRUCTION. 3' MINIMUM CLEARANCE IS REQUIRED ABOVE AND IN FRONT OF
- 3. THE PRESSURE REDUCING VALVE IS TO BE INSTALLED ON THE INLET SIDE OF METER. 4. PRECAST CONCRETE VAULT SHALL BE DESIGNED FOR HS-20 TRAFFIC LOADING CONDITIONS AND 300 PSF SURCHARGE
- 5. SEE DETAIL DRAWING B3-5 FOR FOOTER DIMENSIONS AND STRUCTURAL REQUIREMENTS.
 6. NO DRAIN VALVES, OUTLETS OR BRANCH LINES SHALL BE LOCATED BEFORE THE APPROVED BACKFLOW PREVENTION
- Colorado Springs Utilities-Standard Round Precast Vault (B3-1 + Wye Strainer)

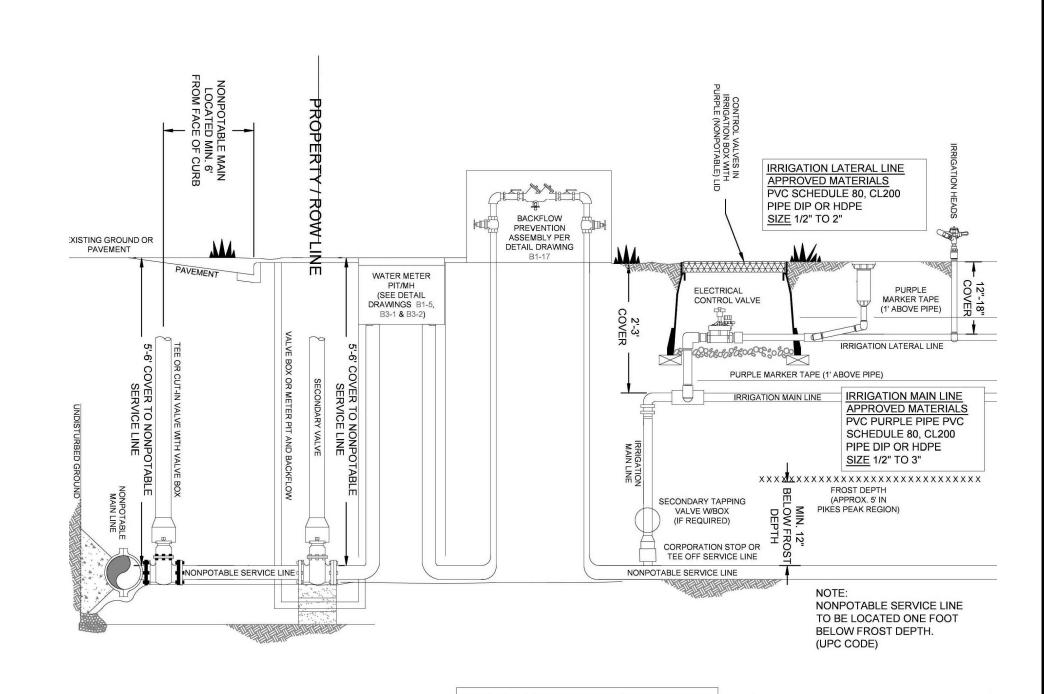


TO BE READ IN CONJUNCTION WITH SECTION 2.7.C AND SECTION 5.21-E.
WHERE COMPACTION CANNOT BE ACHIEVED UNDER THE WATER MAIN FLOWFILL SHALL BE USED.

Colorado Springs Utilities-Tapping Details Type "K" Cu (B1-1)



- 1. REFERENCE SECTION 2.7.L FOR BACKFLOW PREVENTION ASSEMBLY REQUIREMENTS. 2. NO DRAIN VALVES, OUTLETS OR BRANCH LINES SHALL BE LOCATED BEFORE THE APPROVED BACKFLOW PREVENTION
- 3. THE APPROVED BACKFLOW PREVENTION ASSEMBLY SHALL BE INSTALLED WITH SOLDERED OR FLANGED ONLY.
- 4. THE BACKFLOW PREVENTION ASSEMBLY SHALL BE ON AN APPROVED REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION ASSEMBLY.
- 5. REMOVABLE BACKFLOW PREVENTION ASSEMBLIES WILL BE EVALUATED ON A CASE BY CASE BASIS AND WILL ONLY BE APPROVED FOR SEASONAL IRRIGATION USERS.
- 6. SEASONAL BACKFLOW PREVENTION ASSEMBLIES SHALL BE LOCATED IN A LOCKABLE LID TO PROTECT FROM THEFT WHERE REMOVAL OF ASSEMBLY IS REQUESTED, FLANGES MUST BE INSTALLED ON THE IN-GROUND SUPPLY AND
- DISCHARGE PIPING SO THE EXPOSED PIPING OF THE WATER SYSTEM IS SEALED OFF WHILE THE BACKFLOW PREVENTER IS 8. DURING REMOVAL PERIOD, THE VALVE ON THE SUPPLY SIDE SHALL BE SHUT AND THE FLANGES SHALL BE SEALED WITH A
- 9. FOR SERVICE LINES 4" AND GREATER, PIPE SHALL BE RESTRAINED BETWEEN THE METER PIT AND BACKFLOW PREVENTER.
- Colorado Springs Utilities-Outdoor Backflow Assembly (B1-17)



1. NONPOTABLE SERVICE LINES, THAT CROSS OVER A POTABLE WATER LINE OR SERVICE SHALL BE SLEEVED APPROXIMATELY 5 FEET EACH SIDE OF THE CENTER OF THE POTABLE WATER LINE. IRRIGATION MAIN LINES AND LATERAL LINES THAT CROSS OVER A POTABLE WATER LINE OR SERVICE SHALL BE SLEEVED APPROXIMATELY 10 FEET EACH

SIDE OF THE POTABLE WATER LINE.

NONPOTABLE MAIN LINE MATERIALS
PVC, AWWA C900, CL 200(DR14), PURPLE PIPE DIP, CL350(8"-20") & CL250 (24"-36") HDPE, DR 9, PURPLE (SOLID OR STRIPED) 8" TO 36"; GREATER SIZES WITH THE APPROVAL OF SPRINGS UTILITIES.

- THRUST BLOCK, SEE (3

Know what's **below**.

NONPOTABLE SERVICE LINE MATERIALS PVC, AWWA C900, PURPLE PIPE DIP, HDPE DR9, PURPLE (SOLID OR STRIPED) 1 1/2" TO 8"; GREATER SIZES WITH THE APPROVAL OF SPRINGS UTILITIES.

Colorado Springs Utilities-Non-Potable Typical Connection (A11-2)



Bear Creek Park Irrigation Nonpotable Conversion

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Tapis Associates, Inc.

Colorado Springs, CO 80919

540 Buckeye

Terrace Level

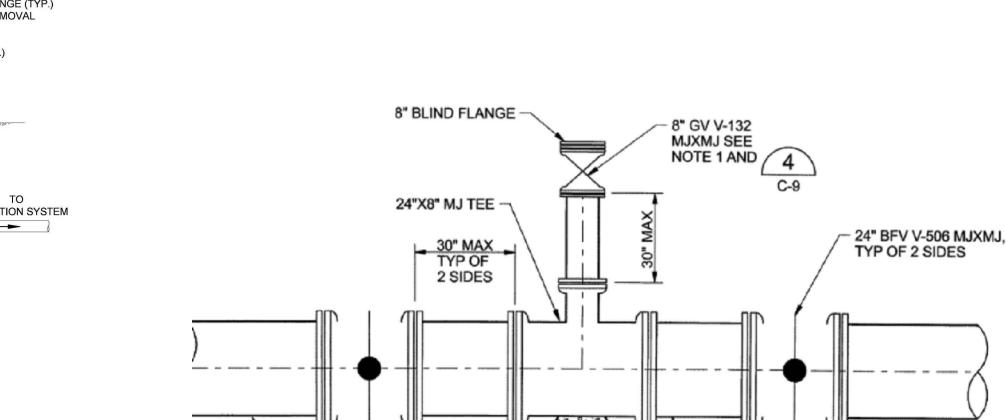
Bear Creek Park 2002 Creek Crossing Colorado Springs, CO 80905

Details -

Colorado Springs Standard

2022-N001

Date: 3 June 2022 Sheet



- SEE NOTE 1 24"RJ DIP PEXPE, TYP OF 2

1. AT STA 18+22.00 INSTALL DIP FLGXPE CONNECTING PIECE BETWEEN THE STEEL PIPE AND THE 24" BFV 3 JOINTS SHALL BE RESTRAINED.

As-Build Detail of the Existing 8" Tee and Stub

