

Addendum #1



Capital Project Committee

Project Information

Project Name:	Centennial Park Improvements - Phase 0.5
Bid Number:	FD21-02-028
Date:	February 22, 2021
Project Manager:	Brian Ward

Addendum Items

Due to the corona-virus, the City is requiring the following for submitting bids and the opening of bids:

See below for Bid Opening Instructions - Tuesday, March 2, 2020 at 2:00pm

Join Zoom Meeting

<https://greeleygov.zoom.us/j/85085739103>

Meeting ID: 850 8573 9103

Passcode: 468643

Dial by your location

+1 253 215 8782 US (Tacoma)

+1 346 248 7799 US (Houston)

+1 669 900 6833 US (San Jose)

Item 1 [The City of Greeley currently possesses a CDPHE Construction Stormwater permit for the project area. The contractor will be responsible for taking over the existing permit and closing it appropriately when the project is over. The contractor will be also be required to submit an Erosion and Sediment Control Plan, SWMP, and City of Greeley Land Grading Permit, which must be reviewed and approved prior to the start of construction.](#)

Item 2 [Section 00140 - Bid Bond - was not included in original package- please see attached.](#)

Item 3 [On the Bid Tab form, where do you want us to include insurances/bonding? Yes, incidental and include in mobilization.](#)

Item 4	Does the cobble mulch include the river cobble? There are two different sized cobble mixtures. The river cobble has a wider range of 3"-12" sized cobbles and the cobble mulch is 3"-6" to match existing.
Item 5	Where are the crusher fines called out in the drawings. The hatch within the (2) parking islands is meant to represent the crusher fines. There are no other locations on the site where crusher fines will be required.
Item 6	The Rain Garden Growing Media, what does that consist of? Everything for the Rain Garden? The growing media for the rain garden is just the ground material of that space. See growing media table on the drawing for more information. For reference "rain garden growing media" is the same material you'd find in a PLD (porous landscape detention). The shrubs located in the rain garden are to be planted within that media.
Item 7	On the plant count, did you include the evergreen shrubs with the other shrubs? My count for Library shrubs is way higher than yours. Yes, all plant counts should be accurate in the plant count table. They are shown site wide and not broken out per area.
Item 8	Is the owner or contractor responsible for quality control testing? Quality control is supplied by the contractor. Quality Assurance is supplied by the City of Greeley
Item 9	Is the project tax exempt? Yes for items tied to the project/ site.
Item 10	a. If not, what taxes apply, and what is the rate? N/A
Item 11	Is the owner or contractor responsible for paying for construction water? Contractor is responsible for cost of construction water via hydrant meter. Hydrant is located at the adjacent fire station on the south side of the building.
Item 12	Bid submittal documents state section 00130 is to be submitted with the bid. Is this section referring to the Bid Tab? Yes, the bid tab.
Item 13	a. If not, please advise. N/A
Item 14	Bid submittal documents state section 00140 is to be submitted with the bid. This section is not included in the document package. Please advise. See attached section 00140.
Item 15	Does the City of Greeley have a preferred vendor for the Bus Stop Shelter? The bus stop shelter will be provided and installed by Lamar and is not within the scope of the contractor. All Lamar needs in place is the concrete pad.
Item 16	Can you please provide the required depth for the Cobble Swale? 7/L-101 only shows plan view profile. 6 inch min
Item 17	Sheet C-15 indicates the barrier curb is to be poured monolithically with the slab. Can this detail be modified to pour the barrier curb separate from the 8" slab? Preference is monolithic.
Item 18	a. Will reinforcement be required? Yes, it is in the drawings.
Item 19	All demo and new sidewalk is part of base bid and NOT alternate? All sidewalk and demo is part of the base bid
Item 20	Sales Tax is required? State and Local? Tax Exempt for items tied to project/ site.

Item 21	When drawings say "By Others" is that handled by owner? No scope for GC? That is accurate, by others means the City will perform the work independently of the project
Item 22	on the drawings. Crusher fines is to be installed as the ground material within the parking islands. For bidding purposes assume 4" depth.
Item 23	L-11 calls for 05 AMCA, I do not see that in the plant list? Please omit note for AMCA, this note is an error
Item 24	For the City of Greeley provided items, Traffic Signal Controller & base, Pedestrian Push Button Post, does GC need to install those? Yes – the GC installs these items
Item 25	Drawing C-10, proposed traffic signal pole relocation, by owner or GC? GC
Item 26	Drawing C-10, new transition power pole #46, provided by owner? Power transmission pole already installed by others.
Item 27	IS Bus Stop provided by owner? Installed by GC? That is correct, the bus stop is supplied by others but installed by GC
Item 28	2 year warranty required? That is correct. The project requires a 2 year warranty
Item 29	There are 2 Sidewalk Chase Drains shown (sta 0+83 & sta 1+41) w/ No Detail. USE CITY OF GREELEY STANDARD DETAIL S-23-A FOR SIDEWALK CHASES.
Item 30	There is a drain pan shown at sta 0+83 but none shown at sta 1+41. Should there be two? YES, THERE WILL BE TWO AND ENDING AT THE GUTTER IN 23RD AVE. CUTTING AND REMOVING A PORTION OF THE EXISTING CONCRETE CURB WILL BE INCLUDED IN THE WORK.
Item 31	Also, there is no bid item on the schedule for the Drain Pan and No Detail. A QUANTITY HAS BEEN ADDD TO THE BID TAB FOR CONCRETE PAN. PAN SHALL BE 6 INCH THICK AND MATCH THE WIDTH AS SHOWN IN THE STANDARD DETAIL.
Item 32	Will the drain pans be constructed with base bid to the existing Curb or will it be constructed with the Alternate to the New Curb? THERE IS A ONLY A SLIGHT DIFFERENCE BETWEEN THE TWO AND PENDING IF THE ALTERNATE IS SELECTED.

SECTION 00140

BID BOND

KNOW ALL MEN BY THESE PRESENT, that we, the undersigned _____ as Principal, and _____ as Surety, are hereby held and firmly bound unto the City of Greeley, Colorado, as Owner, in the penal sum of _____ for the Payment of which, well and truly to be made, we hereby jointly and severally bind ourselves, successors, and assigns.

THE CONDITION of this obligation is such that whereas the Principal has submitted to the City of Greeley, Colorado, the accompanying bid and hereby made a part hereof to enter into a Contract Agreement for the construction of City of Greeley Project,

Centennial Park Improvements – Phase 0.5 – FD21-02-028

WHEREAS, the Owner, as condition for receiving said bid, requires that the Principal to deposit with the Owner as Bid Guaranty equal to five percent (5%) of the amount of said bid.

NOW, THEREFORE,

(a) If said bid shall be rejected; or in the alternate,

(b) If said bid shall be accepted and the Principal shall execute and deliver a Contract Agreement (properly completed in accordance with said bid) and shall furnish a Performance and Payment Bond upon the forms prescribed by the Owner for the faithful performance of said Agreement; and shall in all other respects perform the agreement created by the acceptance of said bid;

then this obligation shall be void, otherwise the same shall remain in force and effect; it being expressly understood and agreed that the liability of the Surety for any and all claims hereunder shall, in no event, exceed the penal amount of this obligation as herein stated.

The Surety, for value received, hereby stipulates and agrees that the obligations of said Surety and its bond shall be in no way impaired or affected by any extension of the time within which the Owner may accept such bid; and said Surety does hereby waive notice of any such extension.

IN WITNESS WHEREOF, the Principal and the Surety have hereunto set their hands and seals this _____ day of _____, 20_____, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, the day and year first set forth above.

PRINCIPAL

SURETY

Name: _____

Address: _____

By: _____

Title: _____ Attorney _____

In-Fact:
(Seal)

(Seal)

NOTE: Surety Companies executing bonds must be authorized to transact business in the State of Colorado and be accepted to the Owner.

COOPERATIVE PURCHASING STATEMENT

The City of Greeley encourages and participates in cooperative purchasing endeavors undertaken by or on behalf of other governmental jurisdictions. To the extent, other governmental jurisdictions are legally able to participate in cooperative purchasing endeavors; the City of Greeley supports such cooperative activities. Further, it is a specific requirement of this proposal or Request for Proposal that pricing offered herein to the City of Greeley may be offered by the vendor to any other governmental jurisdiction purchasing the same products. The vendor(s) must deal directly with any governmental agency concerning the placement of purchase orders, contractual disputes, invoicing, and payment. The City of Greeley shall not be liable for any costs or damages incurred by any other entity.

CITY OF GREELEY CENTENNIAL PARK PHASE 0.5 - BID TAB

BASE BID

CONTRACT ITEM NO.	MGPEC ITEM NO.	CONTRACT ITEM	UNIT	PROJECT TOTALS	ITEM COST	TOTAL COST
1010		MOBILIZATION	LS	1		
1010		CONSTRUCTION SURVEYING	LS	1		
2220		REMOVAL OF CONCRETE	SY	269		
2223		CLEARING AND GRUBBING	SF	3,484		
2225		UNCLASSIFIED EXCAVATION (COMPLETE IN PLACE)	CY	167		
2225		IMPORT EMBANKMENT MATERIAL (FOR LANDSCAPE BERMS)	CY	90		
2620		SANITARY FACILITY	EA	1		
2622		BUS STOP SHELTER	EA	1		
2810		SILT LOG (12 INCH)	LF	850		
2810		VEHICLE EROSION CONTROLTRACKING PAD	EA	1		
2810		TOPSOIL (IMPORT)	CY	50		
2810		CONCRETE WASHOUT STRUCTURE	EA	1		
3310		SIDEWALK CHASE DRAIN (24 INCH WIDE)	EA	2		
3310	31	CONCRETE SIDEWALK (8 INCH)	SY	18		
3310	31	CONCRETE SIDEWALK (5 INCH)	SY	510		
3310		CONCRETE DRAIN PAN (6 INCH)	SY	10		
2810		Soil Amendment (4CY/1,000SF in shrub areas)	CY	8		
2810		Wood Mulch	SF	1,700		
2810		Ornamental Grasses and Perennials	EA	22		
2810		Shrubs (5 Gal.)	EA	34		
2810		Ornamental Trees (1.5" Cal)	EA	10		
2810		Soil Amendment (2CY/1,000SF in native seed areas)	CY	60		
2810		Landscape Boulders	EA	23		
2810		River Boulders	EA	25		
2810		Tree Protection	LS	1		
2810		Open Space Seed Mix	SF	27,750		
2810		Tree Lawn Seed Mix	SF	2,250		
2810		Sod	SF	1,400		
2810		Cobble Mulch	SF	1,300		
2810		Crusher Fines	SF	850		
2810		Rain Garden Growing Media	CY	26		
2810		Ornamental Grasses and Perennials	EA	47		
2810		Shrubs (5 Gal.)	EA	34		
2810		River Cobbles (4-6") With Weed Barrier	CY	60		
2810		Ornamental Trees (1.5" Cal)	EA	11		
2810		Deciduous Trees (2" Caliper)	EA	5		
2810		(L) Irrigation Sleeving	LF	110		
2810		(L) 1.5" PVC CL200 Irrigation Mainline	LF	250		
2810		(L) Backflow Assembly	EA	1		
2810		(L) Soil Moisture Sensor Assembly	EA	3		
2810		(L) Quick Coupling Valve Assembly	EA	1		
2810		(L) 1" Remote Control Valve Assembly	EA	1		
2810		(L) Drip Remote Control Valve Assembly	EA	2		
2810		(L) 1" PVC CL200 Lateral Pipe	LF	150		
2810		(L) 1" PVC CL200 Header Pipe	LF	275		
2810		(L) Inline Drip Tubing	LF	2,150		
2810		(L) Drip Flush Valve Assembly	EA	7		
2810		(L) Pop-Up Short Radius Rotor Sprinkler Assembly	EA	7		
2810		(L) Control Wire	LF	1,000		
2810		(FS) Irrigation Sleeving	LF	155		
2810		(FS) 2" irrigation Mainline	LF	285		
2810		(FS) 2" Isolation Gate Valve	EA	3		
2810		(FS) Quick Coupling Valve Assembly	EA	3		
2810		(FS) 1" Remote Control Valve Assembly, incl. Decoder	EA	6		
2810		(FS) 1.5" Remote Control Valve Assembly, incl. Decoder	EA	7		
2810		(FS) Drip Remote Control Valve Assembly, incl. Decoder	EA	2		
2810		(FS) 2" PVC CL200 Lateral Pipe	LF	430		
2810		(FS) 1.5" PVC CL200 Lateral Pipe	LF	300		
2810		(FS) 1.25" PVC CL200 Lateral Pipe	LF	420		
2810		(FS) 1" PVC CL200 Lateral Pipe	LF	2,700		
2810		(FS) 1" PVC CL200 Header Pipe	LF	30		
2810		(FS) Inline Drip Tubing	LF	1,500		
2810		(FS) Drip Flush Valve Assembly	EA	2		
2810		(FS) Pop-Up Short Radius Rotor Sprinkler Assembly	EA	117		
2810		(FS) Pop-Up Large Radius Sprinkler Assembly	EA	15		
2810		(FS) Pop-Up Spray Sprinkler Assembly (6" Pop-up Height)	EA	51		
2810		(FS) Pop-Up Spray Sprinkler Assembly (12" Pop-up Height)	EA	104		
2810		(FS) Two-Wire Cable, incl. Grounding	LF	300		
				TOTAL BASE BID		
ALTERNATE BID - TURN LANE						
1010		MOBILIZATION	LS	1		
1010		CONSTRUCTION SURVEYING	LS	1		
1010		TRAFFIC CONTROL, MANAGEMENT, DEVICES, FLAGGING	LS	1		
2210		RESET TRAFFIC SIGNAL POLE	EA	1		
2210		TRAFFIC SIGNAL CONTROLLER	EA	1		
2220		REMOVAL OF ASPHALT PAVEMENT	SY	46		
2220		REMOVAL OF CONCRETE	SY	35		
2225		UNCLASSIFIED EXCAVATION (COMPLETE IN PLACE)	CY	140		
2227		SUB-BASE	CY	60		
2229	13	AGGREGATE BASE COURSE (CLASS 5)	TON	107		
2575	20	HOT MIX ASPHALT PATCH (GR.S)(ASPH.)(100)(PG 64-28)(7-INCH)	TON	18		
2575	20	HOT MIX ASPHALT (GR. S)(ASPH.)(100)(PG 64-28)(5-INCH)	TON	61		
2613		HIGH MAST FOUNDATION	EA	1		
2614		PEDESTRIAN PUSH BUTTON POST ASSEMBLY	EA	1		
2618		GROUND SIGN PANEL AND POST - R3-7R	EA	1		
2618		GROUND SIGN PANEL AND POST - R3-5R	EA	1		
2618		PAVEMENT MARKING PAINT	GAL	14		
2618		PREFORMED THERMOPLASTIC PAVEMENT MARKING (90 MILS)	SF	558		
3310	31	CORNER CURB RAMP TYPE 1B	EA	2		
3310	31	CURB AND GUTTER - VERTICAL FACE	LF	263		
				TOTAL ALT BID		
				TOTAL BID		

Total Bid (written out): _____
Vendor Name: _____
Authorized Signature: _____
Print Name: _____
Phone Number: _____ Fax Number: _____
Email Address: _____ Date: _____

(L) - Library
(FS) - Fire Station

CENTENNIAL PARK: PHASE 0.5 ADDENDUM

February 19th, 2021

1) "The City of Greeley currently possesses a CDPHE Construction Stormwater permit for the project area. The contractor will be responsible for taking over the existing permit and closing it appropriately when the project is over. The contractor will be also be required to submit an Erosion and Sediment Control Plan, SWMP, and City of Greeley Land Grading Permit, which must be reviewed and approved prior to the start of construction."

City of Greeley's Typical Traffic Signal Plan Notes

1. THIS PROJECT CONSISTS OF INSTALLING TRAFFIC SIGNAL PULL BOXES, CONDUITS, SIGNAL HEADS, AND CONTROLLER CABINETS. FOR SPECIFIC DETAILS OF INFRASTRUCTURE INSTALLATION, SEE THE CORRESPONDING SECTIONS OF THESE PLANS. ALL WORK SHALL BE IN ACCORDANCE WITH THE CITY OF GREELEY "STANDARD SPECIFICATIONS FOR TRAFFIC SIGNAL MATERIALS & INSTALLATION", THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", THE "NATIONAL ELECTRIC CODE" (LATEST EDITION), AND ALL LOCAL ORDINANCES AND REGULATIONS THAT APPLY, EXCEPT AS NOTED ON THE PLANS OR SPECIAL PROVISIONS.
2. THIS PLAN REPRESENTS A SCHEMATIC ONLY AND ALL ITEM LOCATIONS ARE APPROXIMATE. EXACT PLACEMENT SHALL BE DETERMINED BY THE ENGINEER AND/OR HIS DESIGNEE.
3. ALL QUANTITIES ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INCIDENTAL ITEMS NECESSARY TO COMPLETE THE WORK SHOWN ON THESE PLANS
4. CALL ART PEREZ (970-539-6211) PRIOR TO ANY TRAFFIC SIGNAL WORK - INCLUDING, BUT NOT LIMITED TO SIGNAL HEADS/HANDHOLE/VIDEO DETECTION UNIT REMOVAL, REPLACEMENT, OR ADJUSTMENT.
5. THE CITY OF GREELEY SHALL FURNISH SIGNAL CABINETS, HANDHOLES, CONTROLLERS, PEDESTRIAN PUSH BUTTONS, WIRING TRAFFIC SIGNAL HEADS AND VIDEO CAMERA DETECTION SYSTEMS AS PART OF THE PROJECT.
6. THE CONTRACTOR SHALL SUBMIT TRAFFIC CONTROL PLANS TO THE CITY OF GREELEY FOR APPROVAL PRIOR TO THE START OF ANY WORK THAT MAY IMPACT VEHICLE OR PEDESTRIAN TRAFFIC. AN UNIFORMED TRAFFIC CONTROL OFFICER MUST BE PRESENT TO AID IN CONTROLLING TRAFFIC WHEN THE SIGNAL IS NOT IN OPERATION. TRAFFIC CONTROL PLANS MUST MEET MUTCD STANDARDS AND THE CITY'S TEMPORARY TRAFFIC CONTROL SPECIFICATIONS.
7. ALL WORK SHALL BE CONDUCTED WITHIN PUBLIC RIGHT-OF-WAY, WITH THE APPROPRIATE PUBLIC PERMITS ON THE JOB SITE AT ALL TIMES. THE CONTRACTOR SHALL OBTAIN ALL SUCH PERMITS REQUIRED BY THE CITY OF GREELEY. EXISTING RIGHT-OF-WAY INFORMATION SHOWN ON THE PLANS ARE BASED ON GIS DATA FURNISHED BY THE CITY OF GREELEY.
8. THE CONTRACTOR SHALL COMPLY WITH ARTICLE 1.5 OF TITLE 9, CRS ("EXCAVATION REQUIREMENTS") WHEN EXCAVATING IS PLANNED IN THE AREA OF UNDERGROUND UTILITY FACILITIES. THE CONTRACTOR SHALL NOTIFY ALL AFFECTED UTILITIES AT LEAST TWO (2) BUSINESS DAYS, NOT INCLUDING THE ACTUAL DAY OF NOTICE, PRIOR TO COMMENCING SUCH OPERATIONS, AND SHALL COORDINATE BORING AND TRENCHING ACTIVITIES SO THAT UTILITY COMPANIES CAN HAVE PERSONNEL ON SITE, IF THEY SO DESIRE. THE CONTRACTOR

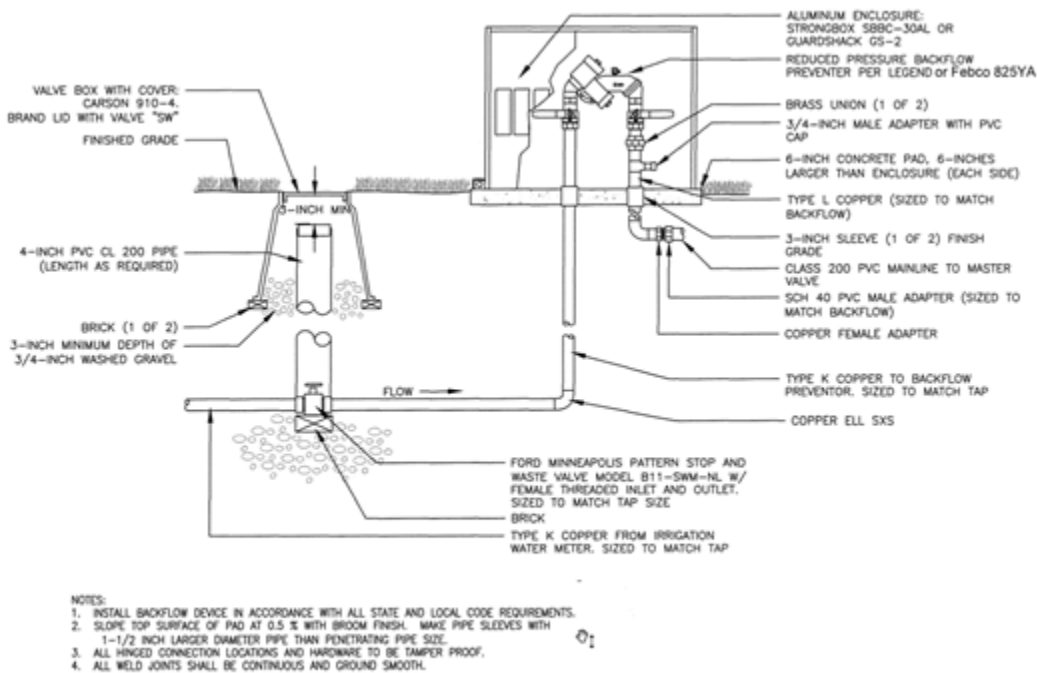
SHALL CONTACT THE UTILITY NOTIFICATION CENTER OF COLORADO (UNCC) AT PHONE NO. 811 TO HAVE LOCATIONS OF UNCC REGISTERED LINES MARKED BY MEMBER COMPANIES. ALL OTHER UNDERGROUND FACILITIES SHALL BE LOCATED BY CONTACTING THE RESPECTIVE OWNER. UTILITY SERVICE LATERALS SHALL BE LOCATED PRIOR TO BEGINNING EXCAVATION OR GRADING.

9. THE CONTRACTOR SHALL COORDINATE ALL POTHOLING AND BORING ACTIVITIES WITH CITY WATER, WASTEWATER AND STORMWATER STAFF. THE CONTRACTOR SHALL STILL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL UTILITIES, PUBLIC OR PRIVATE, WITHIN THE PROJECT LIMITS.
10. ALL UTILITIES DEPICTED IN THESE PLANS ARE SHOWN AT QUALITY LEVEL D UNLESS OTHERWISE INDICATED.
11. THE CONTRACTOR SHALL REPLACE OR REPAIR ANY DAMAGED UTILITIES CAUSED BY THEIR CONSTRUCTION ACTIVITY. UTILITY REPLACEMENT OR REPAIR SHALL BE AT NO ADDITIONAL COST TO THE PROJECT.
12. ANY DAMAGES INCURRED DURING CONSTRUCTION ACTIVITIES INCLUDING BUT NOT LIMITED TO LANDSCAPING, SIDEWALKS, TOP SOIL, IRRIGATION SYSTEM COMPONENTS, SHRUBS, CURB AND GUTTER, CONCRETE RAMPS AND SIGNS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO BE REPAIRED OR REPLACED TO ITS ORIGINAL CONDITION. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AT HIS EXPENSE.
13. FOR ANY LANDSCAPE IRRIGATION SYSTEMS THAT WILL BE IMPACTED BY CONSTRUCTION ACTIVITY, THE CONTRACTOR SHALL COORDINATE WITH THE PROPERTY OWNER OR THEIR MAINTENANCE REPRESENTATIVE A MINIMUM OF 5 WORKING DAYS IN ADVANCE OF STARTING WORK IN THE AREA WITH PROPER AND TIMELY NOTIFICATION. THE IRRIGATION OWNER CAN MARK AND IDENTIFY IRRIGATION SYSTEM COMPONENTS TO BE PROTECTED, BUT SHOULD NOT BE ASSUMED TO BE ALL INCLUSIVE OF ALL IRRIGATION SYSTEM COMPONENTS. NO LANDSCAPE AREAS SHALL BE WITHOUT WATERING SERVICES DURING THE GROWING SEASON IF THE IRRIGATION SERVICE IS INTERRUPTED FOR MORE THAN THREE DAYS. THE CONTRACTOR SHALL MANUALLY WATER IMPACTED AREAS, AND POSSIBLY REPLACE PLANTING IN AFFECTED LANDSCAPE AREAS. ANY LANDSCAPE RESTORATION WORK SHALL ONLY BE CONSIDERED COMPLETE WHEN THE LANDSCAPE AND IRRIGATION SYSTEM IS RESTORED TO ITS ORIGINAL CONDITION AND APPROVED BY THE OWNER OR MAINTAINING PERSONNEL. LANDSCAPE RESTORATION AND ANY ASSOCIATED MAINTENANCE SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE WORK.
14. THE CONTRACTOR SHALL PROVIDE EROSION CONTROL DEVICES AND USE BEST MANAGEMENT PRACTICES (BMP) TO CONTROL THE FLOW OF SOILS/DEBRIS, ETC.
15. THE CONTRACTOR SHALL COORDINATE WITH THE CITY OF GREELEY ON THE TRAFFIC SIGNAL CONTROLLER CABINET CUT-OVER AND REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT. THE TRAFFIC SIGNAL SHALL REMAIN OPERATIONAL TO THE EXTENT POSSIBLE DURING THE CONSTRUCTION OF THE NEW SIGNAL CABINET AND UNDERGROUND CONDUIT SYSTEM
16. THE LOCATION OF ALL PULL BOXES AND CONDUIT SHALL BE FIELD VERIFIED AND APPROVED BY THE CITY OF GREELEY PRIOR TO INSTALLATION. THE LOCATION OF PULL BOXES SHALL BE CHOSEN TO MINIMIZE OR AVOID ANY NECESSARY SIDEWALK REPLACEMENT. PULL BOXES SHALL NOT BE INSTALLED WITHIN CURB RAMPS. ALL PULL BOXES SHALL BE FLUSH WITH FINISHED GROUND SURFACE.

17. ALL SIGNAL CABLE IS TO BE CONTINUOUS FROM CONNECTIONS MADE IN THE HANDHOLE COMPARTMENT OF THE SIGNAL POLE BASE TO THE TERMINAL COMPARTMENT IN THE CONTROLLER CABINET. SPLICING WILL NOT BE PERMITTED UNLESS VERIFIED BY THE TRAFFIC ENGINEER AND/OR HIS DESIGNEE
18. CONTRACTOR SHALL COMPLETE ALL WORK NECESSARY FOR THE OPERATION OF THE SYSTEM AND SHALL CONTACT THE CITY OF GREELEY TO SCHEDULE THE INSPECTION. UPON COMPLETION AND COMMISSIONING OF THE SIGNAL, TESTING SHALL BEGIN. THE COMPLETE TRAFFIC SYSTEM SHALL BE FULLY OPERATIONAL AND FULLY TESTED AT THE COMPLETION OF THE PROJECT
19. ALL REMOVED TRAFFIC SIGNAL EQUIPMENT SHALL BE RETURNED TO THE CITY OF GREELEY TRAFFIC SIGNAL SHOP AT 1300 A STREET, BUILDING H, GREELEY, CO 80631.
20. UPON COMPLETION OF THE WORK, THE CONTRACTOR SHALL SUPPLY 2 SETS OF RECORD DRAWINGS, CORRECTED PLANS AND ANY OTHER ADDITIONAL DATA REQUIRED BY THE ENGINEER TO THE ENGINEER.

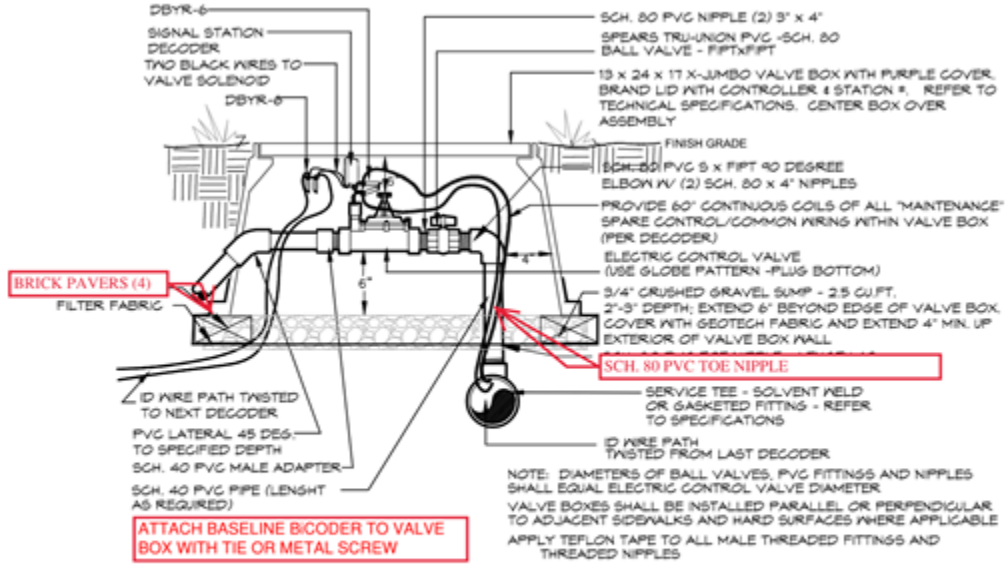
IRRIGATION

1. Remote control valve E-25: Include additional 1" lateral piping (~500'), flush valve assemblies (4) and inline drip tree rings to 25 trees.
2. Include two additional soil moisture sensors (total of 3).
3. Change pop-up height for spray sprinklers in the tree lawn along 23rd Ave. to 12" pop-up height.
4. Remove air vacuum relief valve assembly
5. Change Rain Bird 5004 to 5006 (6" pop-up height)
6. Replace Winterization Detail and Backflow Detail with new Backflow Detail



**STOP & WASTE VALVE ASSEMBLY
WITH BACKFLOW PREVENTION ASSEMBLY**

7. Replace Remote Control Valve Assembly Detail with new Remote Control Valve Assembly Detail



ELECTRIC CONTROL VALVE -1"-2 1/2"
WITH DECODER

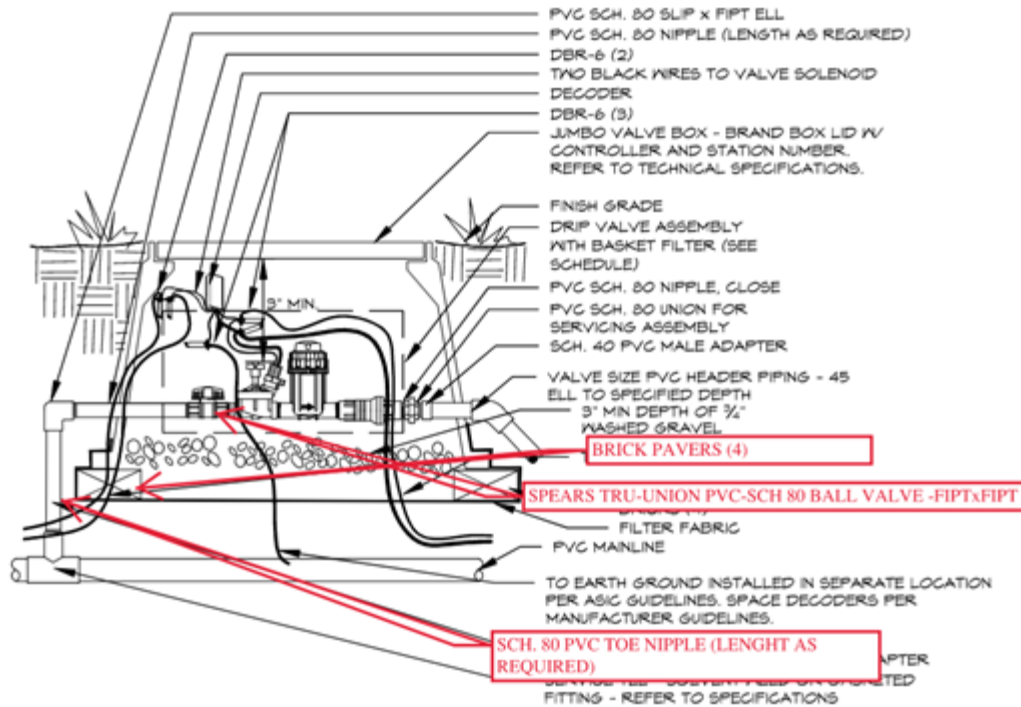


8. Replace Drip Remote Control Valve Assembly Detail with new Drip Remote Control Valve Assembly Detail

NOTE:

INSTALL ASSEMBLY TO REST ON GRAVEL SUMP, CONTAIN ENTIRE ASSEMBLY WITHIN BOX. NO VALVE BOX EXTENSIONS WILL BE ACCEPTED. PROVIDE 3"-4" CLEARANCE BETWEEN TOP OF CONTROL VALVE SOLENOID AND BOTTOM OF VALVE BOX LID. TOP OF VALVE BOX TO BE FLUSH WITH FINISH GRADE. VALVE BOX SHALL NOT REST ON DRIP TUBING.

ATTACH BASELINE BICODER TO VALVE BOX WITH TIE OR METAL SCREW



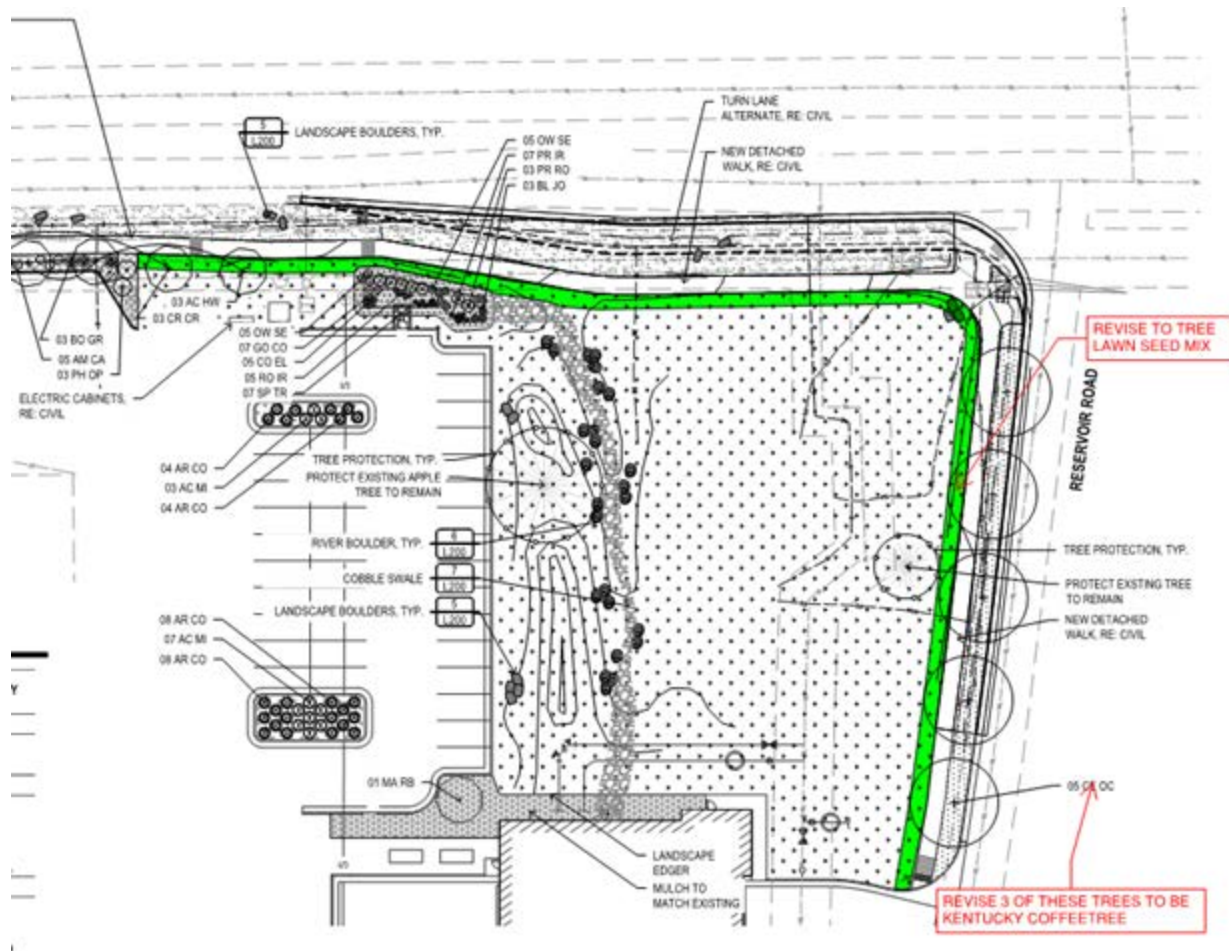
DRIP VALVE TWO-WIRE SYSTEM



LANDSCAPE

REVISIONS

1. Tree lawn seed mix is to be installed within the 5' of detached walk. See diagram below.
2. Replace (3) of the CE OC along Reservoir Road with (3) GY DI (Gymnocladus dioicus – Kentucky Coffeetree)



QUESTIONS

3. Q. What is in the (2) islands in the parking lot?
 - a. A. Crusher fines is to be installed as the ground material within the parking islands. For bidding purposes assume 4" depth.
4. Q. L-11 calls for 05 AMCA, I do not see that in the plant list?
 - a. A. Please omit note for AMCA, this note is an error
5. Q. Does the cobble mulch include the river cobble?
 - a. A. These are two different sized cobble mixtures. The river cobble has a wider range of 3"-12" sized cobbles and the cobble mulch is 3"-6" to match existing.
6. Q. Where are the crusher fines called out on the drawings?
 - a. A. The hatch within the (2) parking islands is meant to represent the crusher fines. There are no other locations on the site where crusher fines will be required.
7. Q. The Rain Garden Growing Media, what does that consist of? Everything for the Rain Garden?
 - a. A. The growing media for the rain garden is just the ground material of that space. See growing media table on the drawing for more information. For reference "rain garden

growing media” is the same material you’d find in a PLD (porous landscape detention).

The shrubs located in the rain garden are to be planted within that media.

8. Q. On the plant count, did you include the evergreen shrubs with the other shrubs? My count for Library shrubs is way higher than yours.
 - a. A. Yes, all plant counts should be accurate in the plant count table. They are shown site wide and not broken out per area.
9. Q. Can you please provide the required depth for the Cobble Swale? 7/L101 only shows plan view profile.
 - a. A. The depth of the cobble will follow the contours of the drainage swale, RE: Civil. For bidding purposes assume the depth will be a minimum of 6”.