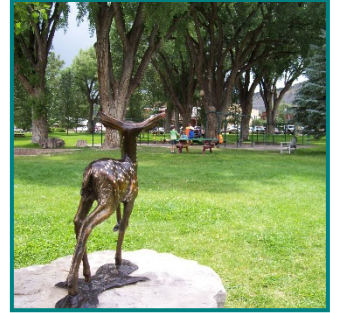


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PARKS, TRAILS, AND OPEN SPACE COMMITTEE  
SEPTEMBER 3RD, 2019

6:00 PM  
TOWN HALL

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# Committee Member Meeting Packet

Agenda Item #2:

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PARKS, TRAILS, AND OPEN SPACE COMMITTEE  
MEETING MINUTES  
MAY 7<sup>TH</sup>, 2019  
6:00 PM  
TOWN HALL

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Committee Present: Jared Coburn, Doug Canright, Mayor Pro Tem Eric Johnson, Town Councilor Robb Austin.

Town Staff: Chase Jones

- I. Call to Order:  
6:09pm
- II. Approval of meeting minutes from March 5<sup>th</sup>, 2019  
*Jared moved to approve the minutes*  
*Robb seconded the motion*  
*All committee members present voted in favor*
- III. Review upcoming public events  
*Chase shared all scheduled town events occurring before the next committee meeting on July 2<sup>nd</sup> 2019.*
- IV. Chamber - Heritage improvements and RFP  
*The committee discussed the 'Colorado Main Street – Request for Proposals for the Ridgway Heritage Park and Visitor Center Construction and Bid Documents' and developed the following comments:*
  - *The project would likely be ideal for a GOCO grant*
  - *In the height of ski season there are roughly 30 cars per day parking at that location*
  - *Consider moving the landscaping strip to the middle to help maximize parking spaces*
  - *Recommend to maximize parking*
  - *Certain members were not in favor of the larger tourist oriented structures, such as the "picture frame", but acknowledged there is a visitors center so there will need to be a balance between providing for local residents and tourists.*
  - *Incorporating Ute and Native American history should also be explored**Chase was to share the above comments with those involved. With the chamber having \$5,000 and the Main Street Development group having \$5,000 for improvements during 2019, there will likely not be enough funding for all improvements.*
- V. New Business  
*Ridgway Community Garden - Jared shared a brief update of the garden with the following being completed; fencing, gravel parkings lot, irrigation and the raised beds are being prepped. Opening day is scheduled for May 18<sup>th</sup> and a shade structure is planned to be built later in the summer. Jared thanked Town staff and the Public Works Department for their assistance in the project.*

*Sue Husch - The Committee recommended the appointment of Sue Husch to the Parks, Trails and Open Space Committee due to her interest and community involvement. The recommendation will be taken to Town Council during their next regular meeting for approval.*

*Tree funding – Eric suggested that the committee consider requesting twice the current annual budget for arborist work with annual increases from Town Council during the next budget season.*

*Trails near Solar Ranch – Doug inquired what trails will be regradeed during the planned 2019 trail work in Cottonwood Park. Chase is to discuss with other staff, review initial scope of work and funding limitations then return to the next meeting with an answer.*

VI. Old Business

*The committee was updated with the following information:*

- *Picnic Tables – 22 new, 6 are ADA, tables are in each place committee prioritized previously*
- *Planting trees – 10 trees have been replaced, will get second order in when number is finalized*
- *Seasonal hires – 1 hired already, 2<sup>nd</sup> to start the 20<sup>th</sup> of May 2019*
- *Streetscape contract – maintenance contract has been renewed for 2019*
- *Pickleball – staff is working with contractor to set date to strip pickleball lines on the tennis court.*
- *Harmony Park – the ground beneath the instruments has been wood chipped. This work completed the project.*

VII. Adjourn  
6:59pm

Agenda Item #3:

Agenda Item #4:

**Sept 2nd to Nov 5th, 2019 Events on Public Parks Property:**

May 24 to Oct 11 – Farmer's Market in Hartwell Park every Friday

Sept 20 – Private kick-ball in Athletic Park

Sept 21 – Wedding in Dennis Weaver Memorial Park

Oct 5 – Dennis Weaver Park Plein Air Contest

Oct 5 – ROK'N Run and Potluck in Hartwell

Oct 11, 12, 13 – Old West Fest

Agenda Item #5:



## Chase Jones

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**From:** H <ridgwaycounseling@gmail.com>  
**Sent:** Friday, June 28, 2019 3:28 PM  
**To:** Chase Jones  
**Cc:** Josephine Scoville  
**Subject:** Parks Committee Meeting

Dear Chase,

I would like to follow up on our conversation earlier this summer regarding the Solar Ranch Baseball field. As you know our youth baseball program has over 50 youth participating, the majority live in the Ridgway zip code. Currently only our Tball teams practice in Ridgway due to the condition of the Ridgway Baseball Field.

On Tuesday myself and fellow volunteer Tball coach and parent Josephine Scoville would like to encourage the committee to begin to budget for the development and upkeep of this field. I have had preliminary conversations with a member of the parks and rec committee in Ouray who assists in the maintenance and budgeting of the Baseball field in Ouray. I am awaiting their budget in writing. Without seeing the condition of the Ridgway field this member believes it may take an initial \$8,000-\$10,000 to get the field up to standards and a much smaller budget of \$2,000-\$3,000 annually or every other year to maintain it once it is established with proper soil. I also have a call into Soccer Director Dalton Carver to start talking about sharing the fields with baseball teams. I believe the seasons do not cross dates and if perhaps they did we could still have soccer and baseball going on at the same time.

It is so fun to watch the kids in their baseball uniforms play! We have been obtaining citizen support in the way of signatures to show interest and I am sure if this was put in motion could gather volunteers of all sorts to aid in the development of the field.











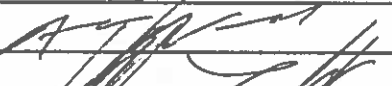


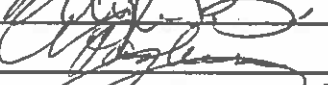
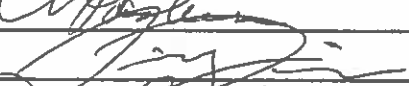


I look forward to gathering more details to share with you and look forward to speaking more on Tuesday.

Sincerely,


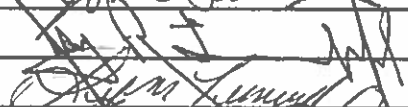
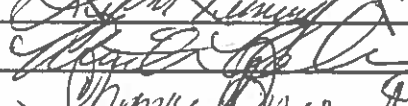




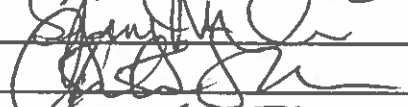
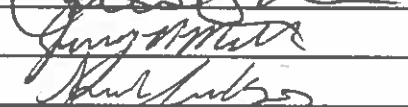
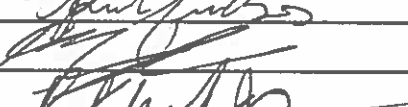


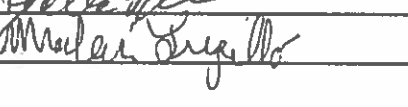







Helene "H" Discoe  
970-318-8537

Sent from [Mail](#) for Windows 10


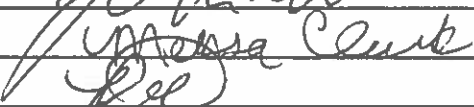

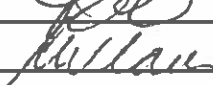
We the undersigned request the Town of Ridgway, Parks and Rec Department to create an annual budget line item to improve and maintain the Solar Ranches Baseball Field. This year we have over 50 youth participating in Ouray County Baseball teams. The majority of participants reside in the Ridgway zip code. Due to fact there is no maintained baseball field in Ridgway to safely play on, only the Tball teams can practice in Ridgway because they do not require a formal field. In addition, 4 out of the 7 coed Softball teams who play in Ouray are Ridgway zip code residents. As town and county residents, volunteers, parents, students and Baseball advocates we urge you to consider supporting the growing interest our youth and community have in baseball. Thank you for your consideration.

	<u>Print Name</u>	<u>Signature</u>	<u>Address</u>
1.	Alisha Perrinich		Ridgway Co
2.	Norma Tempel	Norma Tempel	Ridgway Co
3.	Alicia Skoko	Alicia Skoko	Ridgway Co
4.	Nancy Kelly	Nancy Kelly	Ridgway Co
5.	Josy Scoville	Josy Scoville	Ridgway Co
6.	Helene Discoe		Ridgway Co
7.	Citrus Scoville		Ridgway Co
8.	Cole MURCH		OURAY CO
9.	SAM MURCH		OURAY CO
10.	Michael Perkovich		Ridgway Co
11.	Jordan Perkovich		Ridgway Co
12.	Susan Kovalaske	Susan Kovalaske	Ridgway Co
13.	MARK KOVALASKE	Mark Kovalaske	Ridgway Co
14.	CINTON NEAL		Ridgway Co
15.	Dana Neal	Dana Neal	Ridgway Co
16.	Alex Castagnoli		Ridgway Co
17.	Dan Engstrom		Ridgway Co
18.	Andrew Neal		Ridgway Co
19.	Jeffrey Tunacliff		Ridgway Co
20.	Aula Bryan		Ridgway Co
21.	Natavie Pacheco		Ridgway Co
22.	Jenny Discoe		OURAY
23.	Josephine Scoville	Josy Scoville	Ridgway Co
24.	Erik Larsen		335 Esplanade Ridgway
25.	Ryan Morris		260 S. Charlotte Ridgway Co

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	<u>Print Name</u>	<u>Signature</u>	<u>Address</u>
1.	John Studevant		21599 Hwy 550 R.
2.	Jay R. Tunnick		300 Escalante Cir
3.	Lynn Tunnick		" "
4.	Marita Robinson		Ridgway, CO
5.	STONNUS DISCOE		RIDGWAY CO
6.	STEVE SCOVILLE		RIDGWAY CO
7.	James Volstad		Ridgway, CO
8.	ANDY WAGE		BOX 1353 RIDGWAY
9.	Felicia Discoe		PO BOX 245 Ouray CO
10.	SCOVILLE		33 1102 ST CT
11.	JOAN SCOVILLE		148 FOREST LN
12.	Sydney Melzer		635 Lupeta DR, CO
13.	CHARLES SCOVILLE		" Ridgway CO
14.	SERENY MATHACK		78 CANYON RD 83 RIDGWAY,
15.	Sarah Firkins		975 Hyde St Ridgway, CO
16.	Kathryn Baxler		418 Whispering Pines Dr. Ouray
17.	Richard Klenta		323 3rd Ave. Ouray
18.	Brock Adams		718 Whispering
19.	Tim Jaska		1318 main st Ouray CO
20.	Kelle Grischel		Ridgway CO
21.	Mabci Trujillo		825 2nd St Ouray, CO
22.	Hepnessy Discoe		
23.	ST SCOVILLE		
24.	ST SCOVILLE		
25.	HARVEY		

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	<u>Print Name</u>	<u>Signature</u>	<u>Address</u>
1.	John Robinson		505 Charles Ridgway
2.	Melissa Clark		215 Main St. Ouray
3.	BUSTIN WEAVER		
4.	RICK WEAVER		8100 TABERNASH
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Agenda Item #6:

## Chase Jones

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**From:** Rick Weaver <rweaver2401@gmail.com>  
**Sent:** Wednesday, July 24, 2019 12:57 PM  
**To:** Chase Jones  
**Subject:** Weaver Park Signs Request  
**Attachments:** Signs Template.pdf

**Categories:** Parks

Chase -- pursuant to our recent conversation at the Parks/Trails Committee meeting, I am requesting that the Committee ask the Town Council to include in its upcoming budget the cost of replacing the 10 deteriorating wood trail signs in the Dennis Weaver Memorial Park with similar looking, maintenance-free metal signs. To that end, I am including here some supporting material: photos and an attached PDF template. **The estimate from the sign company to replace all 10 signs is \$575 + tax.**

First, here is the current poor condition of the most important trail sign, which I believe does not reflect well on the Park or my father's legacy. The maintenance cost on this and all wood signs will only increase and recur if they are not replaced.



Here is an example of a metal sign that has been out there since about 2010 and still looks good.



Side by side comparison of current wood and proposed new metal, maintenance free sign:



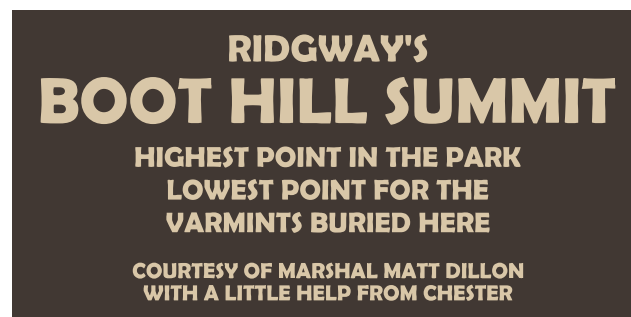
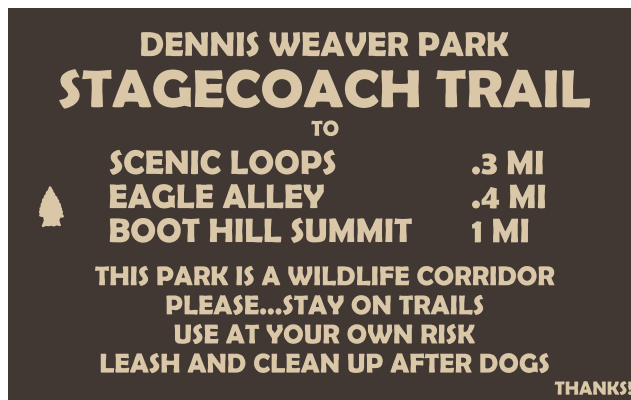
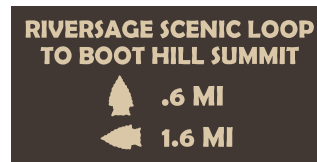
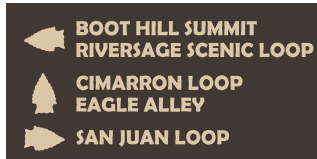
Attached below is a template for all 10 new signs -- **again, the estimate from In Design Signs is \$575 + tax.** I think this is a good deal - we are getting a discount as a repeat customer. We would prefer that the Town install them, but RiverSage could also do it.

Finally, at the meeting I suggested a new sign next to the sign below on the fence that would read: **PARK CLOSED AT DUSK** - I would pay for and install this one. Please ask for Council Approval for this.



I appreciate your moving this request on to Town Council for consideration in their next budget. If you have any questions, please let me know or call at 970-275-8866. Thanks again.

Rick Weaver



Agenda Item #7:

## Chase Jones

---

**From:** Vicki Hawse <[vickihawse@gmail.com](mailto:vickihawse@gmail.com)>  
**Sent:** Friday, June 28, 2019 11:04 AM  
**To:** Chase Jones  
**Subject:** Re: Water for Dogs

Vicki Hawse

[vickihawse@gmail.com](mailto:vickihawse@gmail.com)

Here are the photos Chase,

The idea is to build a cement basin beneath the existing fountain with a water source to fill it. Thanks,



On Jun 28, 2019, at 10:40 AM, Chase Jones <[cjones@town.ridgway.co.us](mailto:cjones@town.ridgway.co.us)> wrote:

Morning Vicki,

Great thank you, I will look for the photos/examples shortly. The meeting starts at 6pm Tuesday July 2<sup>nd</sup> in Town Hall. There will be topics and requests in front of you on the agenda so if you're a little late you should be fine. I can email you the agenda this afternoon.

Best,  
Chase

---

**From:** Vicki Hawse <[vickihawse@gmail.com](mailto:vickihawse@gmail.com)>  
**Sent:** Friday, June 28, 2019 10:32 AM  
**To:** Chase Jones <[cjones@town.ridgway.co.us](mailto:cjones@town.ridgway.co.us)>  
**Subject:** Re: Water for Dogs

Hi Chade,

So sorry, I just got this. I will go down right now to get you some photos.

I finish work on the 2nd at 5:30, what time is the meeting?

Will send pics ASAP

Much gratitude,

**From:** [Pam Kraft](#)  
**To:** [Chase Jones](#)  
**Subject:** FW: Dog Trough for Athletic Park  
**Date:** Monday, July 1, 2019 11:18:35 AM

---

**From:** Mitzi Mallard [mailto:mitzimallard@gmail.com]  
**Sent:** Monday, July 01, 2019 11:14 AM  
**To:** Pam Kraft <pkraft@town.ridgway.co.us>  
**Subject:** Dog Trough for Athletic Park

Hello Pam,

I hope you are having a good day. Unfortunately, I will be unable to attend the meeting tomorrow evening, however, I would like to express my support for a water trough for dogs at Ridgway's Athletic park. We feel fortunate to have such a wonderful park where we are able to enjoy a nice open space for ourselves, as well as our dog. For a while, there was a dog dish that someone voluntarily provided near the water fountains, however, it has since disappeared and something more permanent would be a nice addition.

Thank you for your time and consideration.

Mitzi Mallard  
970-209-1431

Agenda Item #8:

## Chase Jones

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**From:** Deanna Drew  
**Sent:** Wednesday, August 28, 2019 10:50 AM  
**To:** Chris Hawkins- OCSA; Dalton Carver- OCSA; Donna Clark - pickleball; Doug Canright; Gordon Reichard- pickleball club; Jack Young- Chipeta; Kristine Coughlin; Larry Falk; Michael Cox - The Preserve; OCB (ouraycountybaseball@gmail.com); Patsy Young; Rodney Fitzhugh - RAT; Shane Carrick- skatepark; Spencer Skatepark  
**Subject:** Pavilion Fundraising!  
**Attachments:** 8.5x11 Perk Up the Park.pdf; NOTE CARD Perk Up the Park x4.pdf  
**Categories:** Parks

Greetings Athletic Park Stakeholders,

At our last meeting, we discussed a project the Town of Ridgway is taking on to build a new pavilion at the Ridgway Athletic Park. In lieu of a meeting, we are writing with this project update and a call to action for the fundraising phase of the project.

As you may recall, this pavilion will provide shelter, a concession area and equipment storage for park users and sports teams. However, the overall intent of the pavilion is to serve the community at large and have as broad and frequent use as possible to enhance the public's experience at this park.

The Request for Bids from design professionals, including the estimated project timeline, is now posted on the Town website [here](#). The chosen design professionals will be required to engage with you as stakeholders, and utilize public input to inform the overall pavilion design.

The Athletic Park Pavilion Project is being funded by a 3 to 1 match up to \$300,000 from a generous anonymous donor, and the Town has committed to raise at least \$100,000 in cash and in-kind contributions from the community. As discussed, we are relying on your organization as a frequent user of the park, to help us generate the donations to meet this goal before the end of the year.

We have attached an 8.5 x 11 flyer and postcard-size hand out about the fundraising campaign, which can be attached or embedded in an email to your group or handed out. While it does not have a sketch of the potential pavilion at this time, we can prepare new materials once we get a conceptual design or designs. If you want hard copies, just let us know. Please share with us your organization's general fundraising plans and needs for additional fundraising tools, if any. Also, feel free to reach out to the other organizations that we talked about at the June meeting, like other regional groups that use the Athletic Park. Town staff will promote the campaign using the website, newsletters, utility bills, social media, newspapers and by word of mouth.

As you help fundraise, know that cash or check donations will now be accepted at Town Hall, and bank transfers or card payments may now be made online through the project page on the Town's website [here](#). Additional information about the new pavilion, as well as ongoing project updates, can be found on this webpage for the duration of the project.

Your support is critical to the success of this project. If you have questions or would like more information about the project before launching your team's fundraising efforts, please call, email, or schedule a time to meet with Town staff that is convenient for you. If you feel another meeting between stakeholders would be valuable at this juncture in the project, just let us know and we will do our best to schedule a time that will accommodate everyone's busy schedule.

We will be monitoring the project fundraising through the fall and providing the group with regular updates on our collective progress via email. The Town of Ridgway thanks you in advance for your involvement with the new Athletic Park Pavilion. Your feedback, comments and suggestions are always welcome!



**Deanna Drew**  
Planning Assistant

**RIDGWAY TOWN HALL**  
PO Box 10 | 201 N. Railroad Street | Ridgway, Colorado 81432  
970.626.5308 ext. 223 | [ddrew@town.ridgway.co.us](mailto:ddrew@town.ridgway.co.us)

# PERK UP THE PARK

Athletic Park

## — Pavilion Fundraiser —

The new park pavilion will be a versatile asset for the whole community consisting of:

A sheltered retreat for park users.

A storage space for athletic park users.

A concession area for use during events.

An anonymous donor has committed to contribute substantial funds to the Town for a pavilion in the Athletic Park, matching every \$1 raised with \$3 ! So Please help in any way you can to perk up our park. Your donation is tax deductible.

**To learn more and donate go to:**

[www.colorado.gov/ridgway/perk-park-pavilion-project](http://www.colorado.gov/ridgway/perk-park-pavilion-project)



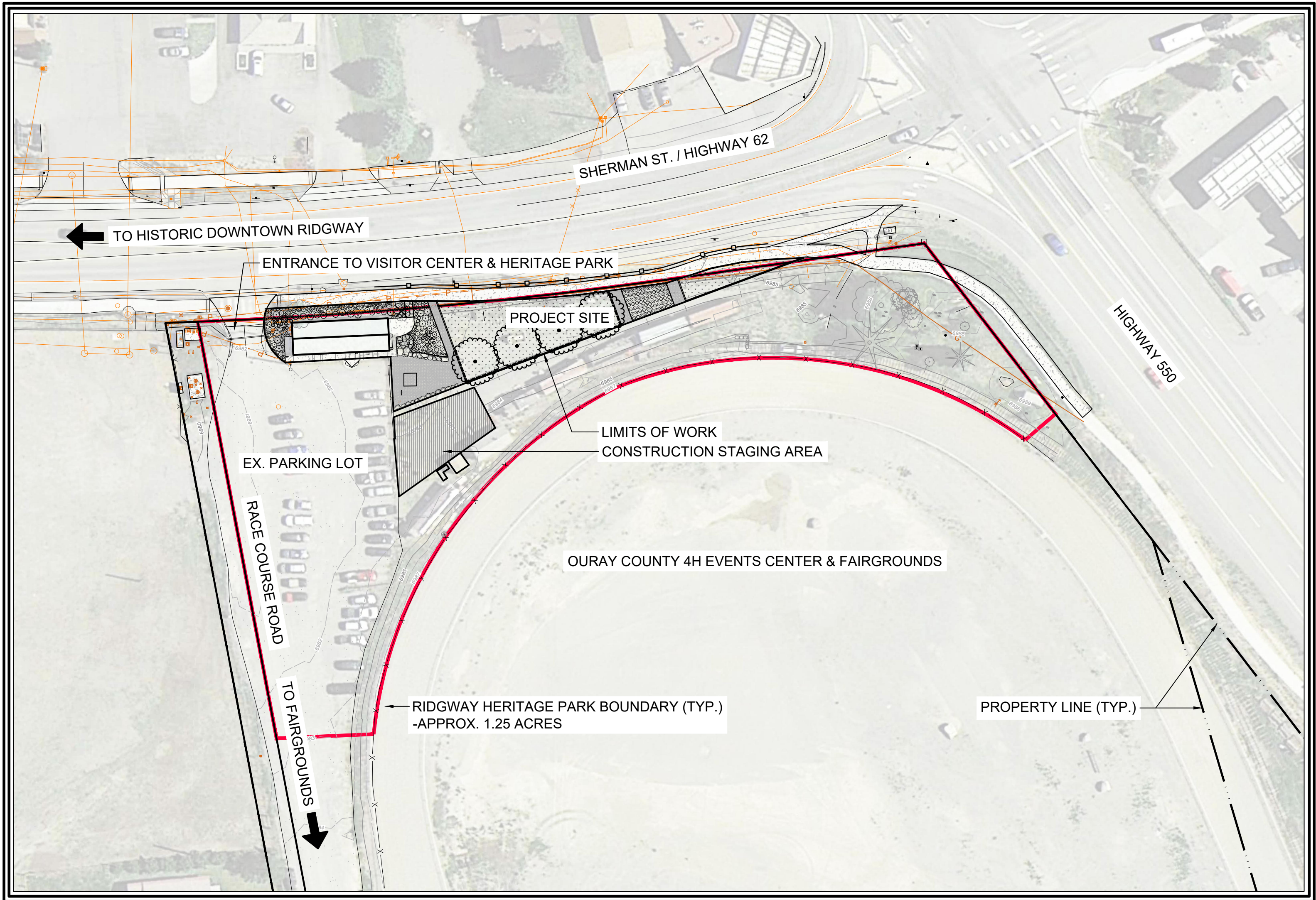
Agenda Item #9:

# TOWN OF RIDGWAY LANDSCAPE & IRRIGATION

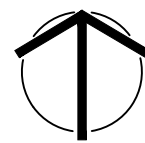
PHASE I - 90% CONSTRUCTION DOCUMENTS

JUNE 28, 2019

DRAFT - NOT FOR CONSTRUCTION



VICINITY MAP



0' 25' 50' 100'  
SCALE: 1" = 50'-0"  
PRINTED ON 24"x36" SHEET

## OWNER

TOWN OF RIDGWAY, COLORADO  
P.O. BOX 10  
RIDGWAY, CO 81432  
PHONE: 970-626-5308 EXT. 215  
PROJECT MANAGER CONTACT: DIEDRA SILBERT

## PROJECT TEAM

### LANDSCAPE ARCHITECT / PRIME DESIGN CONSULTANT

DHM DESIGN  
1309 E. 3RD AVE., RM 23  
DURANGO, CO 81301  
PHONE: 970-385-4219  
CONTACT: WALKER CHRISTENSEN

### SURVEYOR

GOFF ENGINEERING & SURVEYING  
126 ROCK POINT DR., STE. A  
DURANGO, CO 81301  
PHONE: 970-247-1705  
CONTACT: BRIAN BONIFACE

### IRRIGATION DESIGNER

AVOCET IRRIGATION DESIGN  
7114 W. JEFFERSON AVE.  
LAKEWOOD, CO 80235  
PHONE: 303-986-2175  
CONTACT: DAVE ZICKERMAN

## SHEET INDEX

### SURVEYOR PLANS

- S1.1 SURVEY OF EXISTING CONDITIONS  
S1.2 SURVEY LEGEND

### LANDSCAPE AND SITE PLANS

- L1.0 GENERAL NOTES  
L1.1 PLANTING PLAN  
L1.2 PLANTING PLAN ENLARGEMENTS  
L1.3 PLANT SCHEDULE

- L2.1 PLANTING DETAILS  
L2.2 SITE DETAILS  
L2.3 ROOT BARRIER DETAIL

### IRRIGATION PLANS

- I1.1 IRRIGATION PLAN  
I1.2 IRRIGATION DETAILS  
I1.3 IRRIGATION DETAILS

DHM DESIGN

1309 East 3rd Avenue  
Room 23  
Durango, CO 81301  
970.385.4219  
www.dhmdesign.com

REUSE OF DOCUMENT  
This document is the property of  
DHM Design Corp. The ideas  
and design incorporated on this  
document are instruments of  
professional service and shall not  
be used for any other project  
without written authorization of  
DHM Design Corp.

Ridgway Heritage Park  
Phase 1 - 90% Landscape and Irrigation CDs  
150 Racecourse Road, Ridgway Colorado, 81432

PROJECT NUMBER: 19198.00  
DATE: 06/28/2019  
DESIGNED: WC, CW  
DRAWN: CW  
CHECKED: WC

### REVISIONS:

JOB DESCRIPTION:  
90% Construction  
Documents

SHEET TITLE:  
COVER

SCALE: 1" = 50' - 0"  
SHEET NUMBER:

CV

SHEET 1 OF 13

**Ridgway Heritage Park**  
Phase 1 - 90% Landscape and Irrigation CDs  
150 Racecourse Road, Ridgway Colorado, 81432

PROJECT NUMBER: 1198.00 DATE 06/28/2019  
SIGNED: BB, SM (GOFF)  
DRAWN: SM (GOFF)  
CHECKED: BB (GOFF)

VISIONS:

**B DESCRIPTION:**  
9% Construction  
Documents

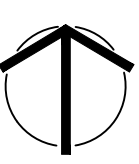
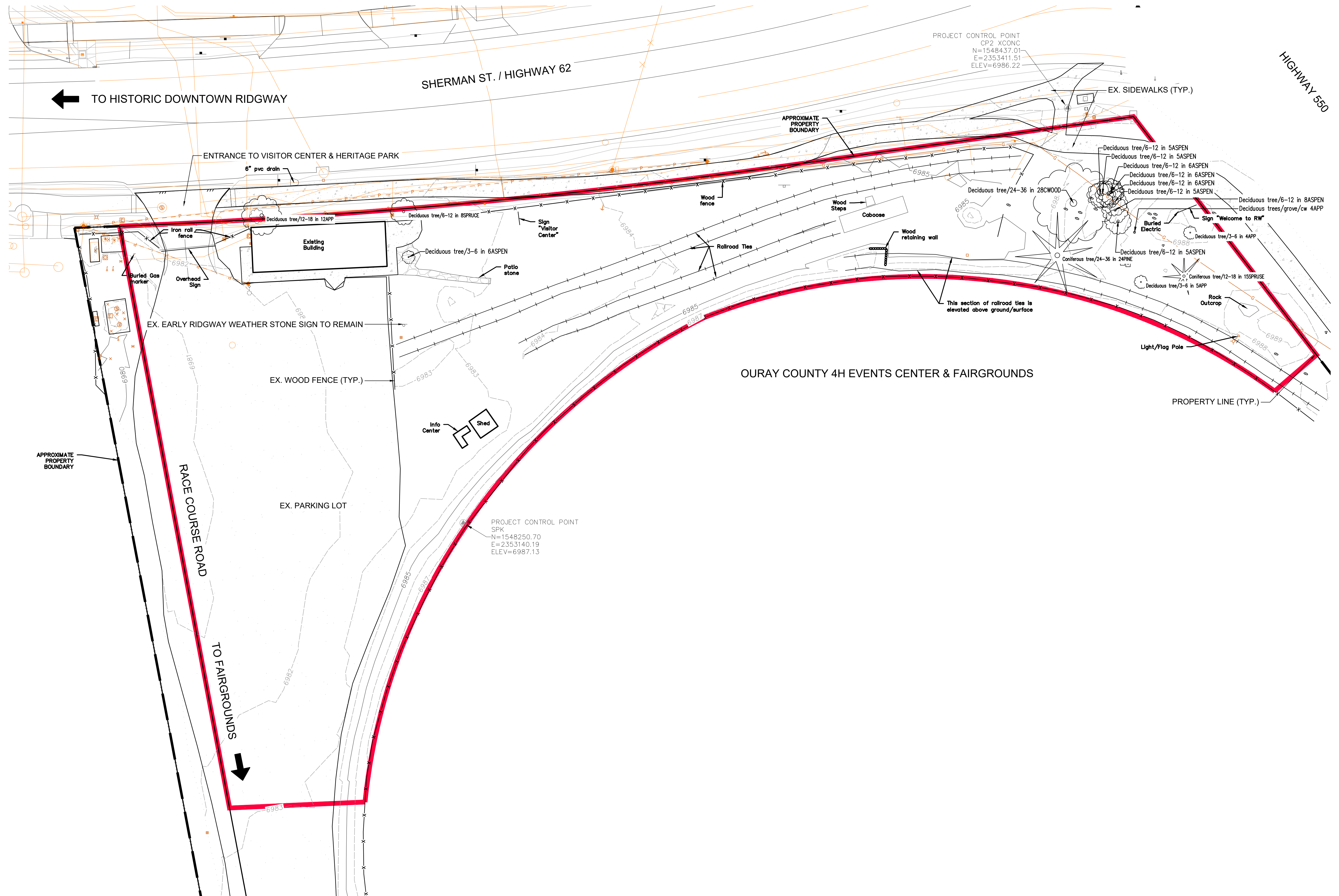
PROJECT TITLE:

SURVEY OF EXISTING  
CONDITIONS

SCALE: 1" = 20' - 0"

# S1.1

EFF 2 OF 13



0' 10' 20' 40'

SCALE: 1" = 20'-0"

PRINTED ON 24"x36" SHEET

. \Aerials\Aerials-only-Overall.jpg

X-RHP2-19411\_RidgeWay\_Survey [p. Durango, RIDGEWAY-HERITAGE-PARK-CDS-19198-7, CD CAD Vxels Y-RHP2-19411\_RidgeWay\_Survey.dwg]  
X-RHP2-19412\_RidgeWay\_Survey [p. Durango, RIDGEWAY-HERITAGE-PARK-CDS-19198-7, CD CAD Vxels Y-RHP2-19412\_RidgeWay\_Survey.dwg]  
X-RHP2-SITE\_PLAN [p. Durango, RIDGEWAY-HERITAGE-PARK-CDS-19198-7, CD CAD Vxels Y-RHP2-SITE\_PLAN.dwg]  
X-RHP2-LANDSCAPE [p. Durango, RIDGEWAY-HERITAGE-PARK-CDS-19198-7, CD CAD Vxels Y-RHP2-LANDSCAPE.dwg]  
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X-RHP2-SURVEY [p. Durango, RIDGEWAY-HERITAGE-PARK-CDS-19198-7, CD CAD Vxels Y-RHP2-SURVEY.dwg]  
X-RHP2-SURVEY.dwg [p. Durango, RIDGEWAY-HERITAGE-PARK-CDS-19198-7, CD CAD Vxels Y-RHP2-SURVEY.dwg]

LOT DATE: Jun 28, 2009 = 4,280m

# Ridgway Heritage Park

PROJECT NUMBER:	DATE
19198.00	06/28/201
DESIGNED: BB, SM (GOFF)	
DRAWN: SM (GOFF)	
CHECKED: BB (GOFF)	

REVISIONS:

**JOB DESCRIPTION:**  
90% Construction Documents

SHEET TITLE:  
SURVEY LEGEND



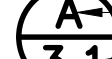
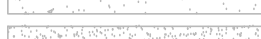




















SCALE: 1" = 20' - 0"










## S1.2

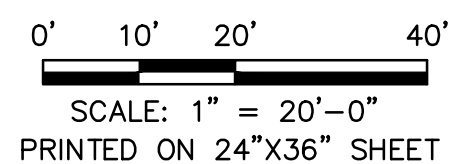
### Existing Features

LINE TYPES		WATER CATEGORY		STRUCTURE CATEGORY	
	WATER MAIN (SIZE NOTED)		WATER MANHOLE - WELLHEAD		BRIDGE DRAIN/COLUMN
	SEWER MAIN (SIZE NOTED)		BLOW OFF ASSEMBLY		TELECOMMUNICATION CATEGORY
	SEWER FORCEMAIN		WATER METER		TELECOMM RISER
	STORM CULVERT (SIZE NOTED)		FIRE HYDRANT		TELECOMM MANHOLE/VAULT
	IRRIGATION		WATER VALVE		ANTENNAE
	UNDERGROUND POWER		HOSE BIB / YARD HYDRANT		SIGN CATEGORY
	OVERHEAD POWER		PUMP		SIGN (GENERAL)
	UNDERGROUND FIBER OPTIC		SANITARY SEWER CATEGORY		SIGN (CLASS 1 OR 2)
	UNDERGROUND TELECOMM		SEWER MANHOLE		SIGN (CLASS 3)
	OVERHEAD TV/TELE		SEWER CLEANOUT		BILLBOARD
	WATERCOURSE FLOWLINE		SEPTIC TANK		DELINEATOR
	UNDERGROUND GAS		DITCH/WATERWAY CATEGORY		SIGN W/ BEACON
	FENCE/GEOTEXTILE FABRIC		CHECK DAM		SURVEY CATEGORY
	PAVEMENT EDGE		DIVERSION BOX		RIGHT OF WAY MARKER
	GRAVEL/DIRT ROAD		FLUME		AERIAL PANEL POINT
	RAILROAD TRACK		FLOW GAUGE		CONTROL MONUMENT (HARN)
	GUARDRAIL		HEADGATE		BENCHMARK
	ROCK WALL		SPRING		SECTION CORNER
	STRUCTURAL RETAINING WALL		WETLAND AREA		PROPERTY PIN
	SAWCUT LINE		WATERWAY MISC (SEE NOTE)		USGS MARKER
	STORM DRAIN CATEGORY		FENCE CATEGORY		NOAA MARKER
	CULVERT END SECTION		POST/BOLLARD		BLM MARKER
	INLET TYPE 'R'		FENCE GATE		WITNESS CORNER
	INLET GENERAL/AREA DRAIN		GEOLOGY CATEGORY		TOWNSHIP CORNER
	INLET TYPE 'D'/TYPE 'C'		TEST HOLE		CONTROL MONUMENT FEDERAL
	STORMDRAIN MANHOLE		BOULDER		CONTROL MONUMENT LOCAL/PLSS
	ELECTRIC CATEGORY		MINESHAFT		TRACT CORNER
	ELECTRIC TRANSMISSION TOWER		ROADWAY CATEGORY		
	TRANSFORMER		GUARDRAIL END SECTION		
	ELECTRIC PEDESTAL/VAULT		LANDSCAPE/CAMPING CATEGORY		
	POWER MANHOLE		CONIFEROUS TREE (DIA. NOTED)		
	ELECTRIC METER		DECIDUOUS TREE (DIA. NOTED)		
	ELECTRIC OUTLET		SHRUB/VEGETATION LIMIT		
	TRANSFORMER ON POLE		SWING SET		
	POLE MOUNTED STREET LIGHT		TEETER TOTTER		
	HIGH MAST LIGHT		JUNGLE GYM		
	LUMINAIRE (MISC)		BENCH/TABLE		
	UTILITY POLE		GRILL/FIRE RING		
	UTILITY POLE ANCHOR		SPRINKLER HEAD		
	TRAFFIC SIGNAL CATEGORY		IRRIGATION VALVE		
	TRAFFIC SIGNAL POLE W/ MAST ARM		MISCELLANEOUS TOPO CATEGORY		
	TRAFFIC SIGNAL CONTROL PANEL		WASTE SITE/GRAVE		
	PEDESTRIAN POLE		ARCH SITE/AREA OF CONCERN		
	GAS/OIL CATEGORY		MISC.POINT (SEE DESCRIPTION)		
	GAS WELLHEAD		CAMPSITE		
	GAS VALVE		MAILBOX		
	GAS METER		RAILROAD CATEGORY		
	GAS VAULT/RISER		RR SIGN/SIGNAL/SWITCH		
	PROPANE TANK				

## PROPOSED FEATURES

	ASPHALT SURFACING		WATER METER	
	CONCRETE SURFACING		FIRE HYDRANT	
	GRAVEL SURFACING		WATER VALVE	
	RIP-RAP SURFACING		BEND FITTING & THRUST BLOCK	
	SEWER MAIN (SIZE NOTED)		CURB STOP	
	STORM DRAIN CULVERT		FINISHED GRADE	
	WATER MAIN		STREET SIGN	
	SEWER FORCEMAIN		STORM MANHOLE	
	GAS LINE		CLEANOUT	
	POWER LINE		SEWER MANHOLE	
	TELECOM/FIBER LINE		CURB INLET CATCH BASIN	
	LIMITS OF GRADING			

Existing Features	Proposed Features	SURVEY LINE TYPES
 CENTERLINE	 CENTERLINE	
 LOTLINE	 LOTLINE	
 RIGHT OF WAY	 RIGHT OF WAY	
 EASEMENT	 EASEMENT	
	 PARCEL BOUNDARY	



1. WORK AND MATERIALS SHALL CONFORM TO DHM DRAWINGS & SPECIFICATIONS FOR DESIGN AND CONSTRUCTION OF PUBLIC IMPROVEMENTS. ANY DIFFERENCES BETWEEN THE PROJECT'S SPECIFICATIONS AND THE TOWN STANDARDS SHALL BE COMPLETED PER THE TOWN STANDARDS.
2. CONTRACTOR IS RESPONSIBLE FOR ACQUIRING ANY AND ALL NECESSARY LOCAL AUTHORIZATIONS PRIOR TO WORK.
3. COORDINATE W/ TOWN FOR ACCESS TO SITE.
4. TOPOGRAPHIC SURVEY WAS SUPPLIED BY GOFF ENGINEERING.
5. LOCATIONS OF UTILITIES ARE GRAPHIC ONLY AND MAY NOT REPRESENT ACTUAL FIELD CONDITIONS. CONTRACTOR SHALL CALL UTILITY NOTIFICATION CENTER OF COLORADO 1-800-922-1987 TO LOCATE ALL UTILITIES PRIOR TO COMMENCING WORK. CONTRACTOR SHALL VERIFY LOCATIONS AND BURY DEPTHS OF ALL UTILITIES ON SITE. EXISTING UTILITIES SHALL BE PROTECTED FROM DAMAGE BY THE CONTRACTOR. DAMAGED UTILITIES SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
6. ALL UTILITY EASEMENTS SHALL REMAIN UNOBSTRUCTED AND FULLY ACCESSIBLE ALONG THEIR ENTIRE LENGTH FOR MAINTENANCE EQUIPMENT ENTRY.
7. LAYOUT AND STAKING OF IMPROVEMENTS SHALL BE REVIEWED BY THE OWNER'S REPRESENTATIVE PRIOR TO INSTALLATION OF IMPROVEMENTS. NOTIFICATION OF REQUEST FOR FIELD STAKING REVIEW SHALL BE MADE A MINIMUM OF 48 HOURS IN ADVANCE.
8. PROPOSED FINISHED SURFACES, MULCH, AND CRUSHER FINES SHALL ABUT EXISTING CURBS, PAVEMENTS, ETC., IN BOTH LINE AND GRADE. CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE IMMEDIATELY OF ANY DISCREPANCIES.
9. CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING OR REPAIRING EXISTING LANDSCAPE, GRADING SIGNAGE, IRRIGATION, HARDSCAPE, OR OTHER ITEMS THAT HAVE BEEN DAMAGED DURING CONSTRUCTION AT CONTRACTOR'S EXPENSE.
10. ALL QUANTITIES ARE BASED ON HORIZONTAL PLAN MEASUREMENTS AND CONSTRUCTION DETAILS. CONTRACTOR SHALL MAKE ALLOWANCES FOR SLOPE FACTOR, OVERLAP, TRENCHING, ETC.
11. DIGITAL DRAWINGS CAN BE PROVIDED TO THE CONTRACTOR FOR LAYOUT INFORMATION IF NEEDED.
12. IF THERE ARE DISCREPANCIES BETWEEN THE DRAWINGS AND THE SPECIFICATIONS, THEN THE MORE STRINGENT REQUIREMENT APPLIES.

1. PLANT CALIPER, PLANT SIZE AND CONTAINER SIZE SHALL BE IN CONFORMANCE WITH TOWN OF RIDGWAY CODES AND STANDARDS.
2. THE CONTRACTOR SHALL FOLLOW THE LANDSCAPE PLAN. ANY DISCREPANCIES BETWEEN THE PLAN AND FIELD CONDITIONS SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE BEFORE PROCEEDING WITH WORK.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES BEFORE WORK BEGINS.
4. IF THERE ARE CONFLICTS BETWEEN UTILITIES AND PLANTINGS, THE CONTRACTOR SHALL CONTACT THE LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE TO COORDINATE FIELD ADJUSTMENTS.
5. FIELD STAKE IRRIGATION MAINLINE AND TREE LOCATIONS FOR REVIEW BY LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE. TREES SHALL BE A MINIMUM OF 10'-0" FROM ALL UTILITIES, UNLESS OTHERWISE APPROVED. ALL TREES TO BE A MINIMUM OF 5'-0" FROM HARDSCAPE.
6. LOCATIONS OF TREES AND SHRUBS TO BE STAKED AND REVIEWED BY LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE PRIOR TO PLANTING.
7. NOTIFY LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE FOR INSPECTION AND/OR APPROVAL OF LANDSCAPE MATERIALS AND IRRIGATION PRODUCTS PRIOR TO INSTALLATION.
8. CONTRACTOR TO NOTIFY LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE 48 HOURS PRIOR TO PLANT MATERIAL BEING DELIVERED TO THE SITE.
9. FIELD ADJUST PLANTINGS FOR TRANSFORMERS, CURB CUTS, AND OTHER FUTURE IMPROVEMENTS. STAKE LOCATIONS FOR APPROVAL BY LANDSCAPE ARCHITECT AND OWNER'S REPRESENTATIVE PRIOR TO ANY INSTALLATION.
10. IF THERE IS A DISCREPANCY BETWEEN THE PLANT COUNTS ON THE CALL-OUTS ON THE PLANS & THE ACTUAL NUMBER OF PLANTS DEPICTED ON THE PLANS, THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING THE ACTUAL NUMBER OF PLANTS AS DEPICTED ON THE PLANS.
11. ALL AREAS DISTURBED OUTSIDE THE ORIGINAL PLANTING LIMITS OF WORK, SHOWN ON DRAWING TO BE RE-SEEDDED, RE-GRADED, AND REPAIRED AS APPROPRIATE AT CONTRACTOR'S EXPENSE.
12. ALL BED AREAS WILL RECEIVE A MINIMUM OF 4" OF CEDAR BARK MULCH OR APPROVED EQUAL. ALL TREES WILL RECEIVE 4" CEDAR BARK MULCH WITHIN THE SAUCER AREA PER THE DETAILS. THE CONTRACTOR IS RESPONSIBLE FOR WEED CONTROL ON BEDS AND SODDED AREAS UNTIL FINAL PROJECT ACCEPTANCE. USE CEDAR BARK MULCH, TYP.
13. ALL SOD AND SHRUB BEDS TO BE CONTAINED BY STEEL EDGER OR CONCRETE EDGE (&/OR A CONCRETE CURB OR WALK, AS PER PLANS).
14. THE CONTRACTOR SHALL WARRANTY ALL PLANT MATERIALS, WORKMANSHIP, & IRRIGATION SYSTEM FOR A PERIOD OF ONE YEAR. ALL WARRANTY ITEMS SHALL BE PER TOWN OF RIDGWAY STANDARDS.
15. ALL TREES TO HAVE WILDLIFE FENCING PER DETAIL 6/L2.1. WILDLIFE PROTECTION FENCING INSTALLED TO PROTECT TREES SHALL BE MAINTAINED THROUGHOUT THE WARRANTY PERIOD. PLACEMENT OF WILDLIFE FENCING DOES NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY FOR ANY DAMAGE TO TREES DURING THE WARRANTY PERIOD.
16. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION AND REPLACEMENT OF ANY AND ALL DAMAGE TO EXISTING LANDSCAPE AND IRRIGATION WITHIN PROJECT SITE AND ADJACENT TO THE PROJECT.
17. ALL TURF SOD AND SHRUB AREAS WILL HAVE 6" MIN. DEPTH OF TOPSOIL INSTALLED. THESE AREAS WILL THEN BE TILLED TO A MINIMUM 8" DEPTH INCORPORATING A-1 ORGANICS BIOCOMPOST CLASS 1 COMPOST (OR APPROVED EQUAL) AT A MINIMUM RATE OF 4 C.Y. PER 1000 S.F. IN TURF SOD AREAS AND SHRUB BEDS (INSTALL 12" DEPTH OF TOPSOIL TO BE PLACED IN THE AREAS WHERE CONCRETE AND RUBBLE HAVE BEEN REMOVED.) THE DISTURBED AREAS OF THE SITE WILL THEN BE FINE GRADED IN PREPARATION FOR SODDING OR PLANTING AS SPECIFIED IN THE PLANS AND SPECIFICATIONS. SOIL PREPARATION AND AMENDMENTS WILL NOT BE MEASURED SEPARATELY BUT WILL BE INCLUDED IN THE COST OF THE PLANTS.
21. THE CONTRACTOR SHALL MAINTAIN POSITIVE DRAINAGE AWAY FROM ALL STRUCTURES AND WALKWAYS. FINE GRADING MUST BE APPROVED BY OWNER'S REPRESENTATIVE PRIOR TO SEEDING AND PLANTING.
22. IF THERE IS A DISCREPANCY BETWEEN THE SPECIFICATIONS AND THE DRAWINGS, THE MORE STRINGENT CONDITION APPLIES.

SHEET 4 OF 13

**Ridgway Heritage Park**  
Phase 1 - 90% Landscape and Irrigation CDs  
150 Racecourse Road, Ridgway Colorado, 81432

PROJECT NUMBER:	DATE
9198.00	06/28/2019

DESIGNED: WC, CW  
DRAWN: CW  
CHECKED: WC

REVISIONS:

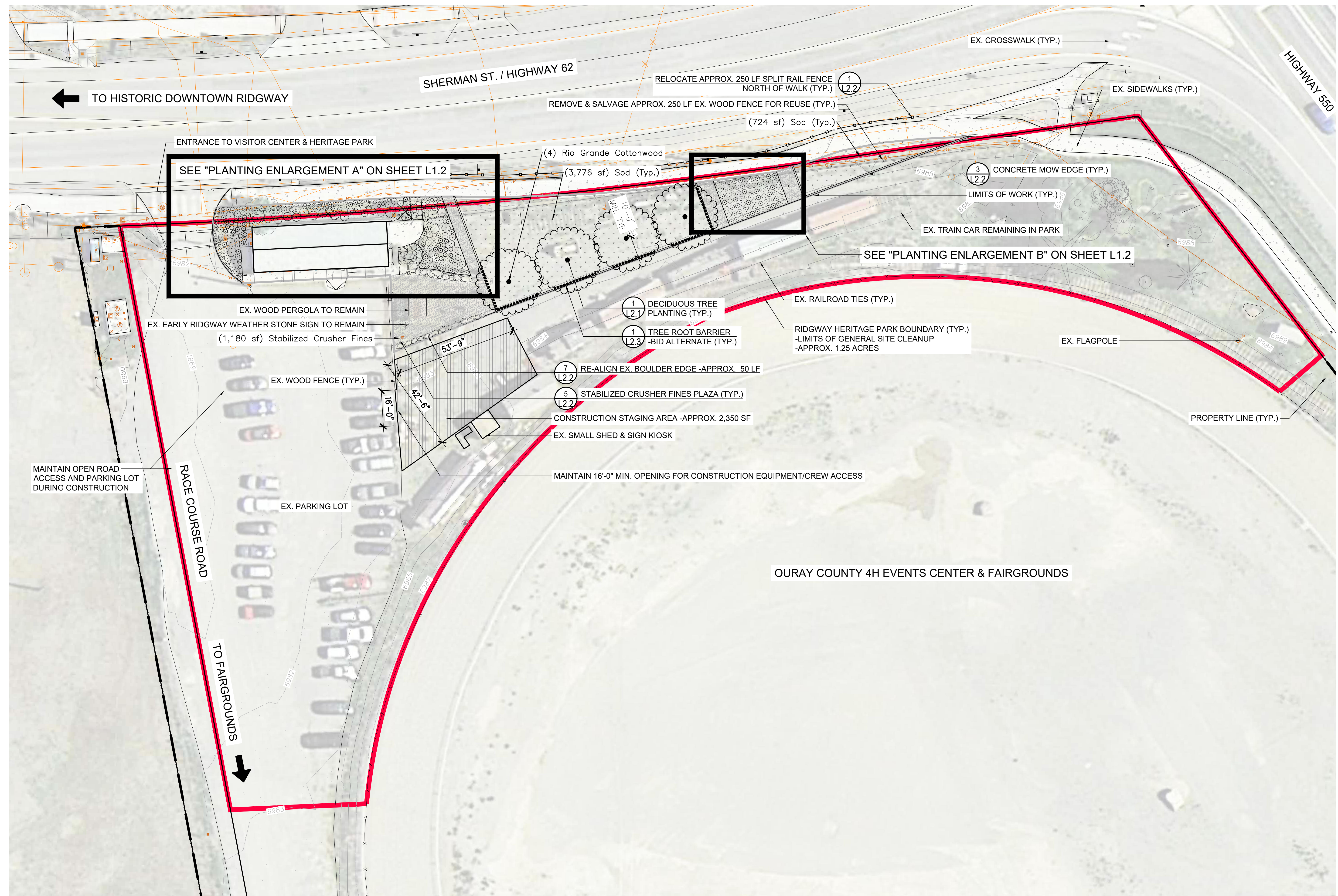
JOB DESCRIPTION:  
100% Construction  
Documents

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PLANTING PLAN

SCALE: 1" = 20' - 0"

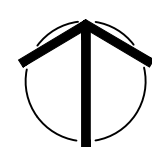
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SHEET 5 OF 13



NOTES:

- NOTES:**
1. CONTRACTOR TO REMOVE CONSTRUCTION EQUIPMENT, MATERIALS, AND DEBRIS FROM SITE UPON COMPLETION OF PROJECT.
  2. CONTRACTOR TO PROVIDE WEEDING, DEBRIS REMOVAL, AND GENERAL CLEAN UP FOR ENTIRE HERITAGE PARK SITE -SEE RED PARK SITE BOUNDARY LINE FOR LIMITS OF CLEANUP.



0' 10' 20' 40'

SCALE: 1" = 20'-0"

PRINTED ON 24"X36" SHEET

[illegible]

(110 sf) Stabilized Crusher Fines

(72) Blue Avena Grass

(507 sf) Cedar Bark Mulch

LIMITS OF WORK (TYP.)

SOD (TYP.)

SOD (TYP.)

STEEL EDGER  
(TYP.)

GROUND COVER /  
PERENNIAL PLANTING  
(TYP.)

CONCRETE MOW EDGE (TYP.)

(162 sf) Stabilized Crusher Fines

SHEET 6 OF 13

SHEET 6 OF 13

**Phase 1 - 90% Landscape and Irrigation CDs**  
150 Racecourse Road, Ridgway Colorado, 81432

DESIGNED: WC, CW

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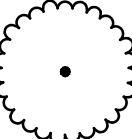
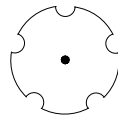
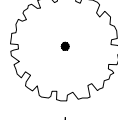
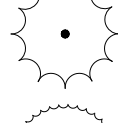
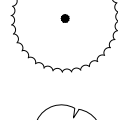
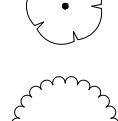

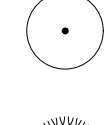
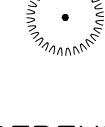
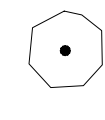
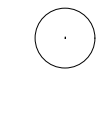
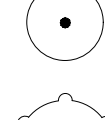

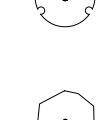
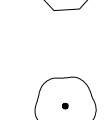
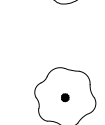

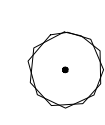
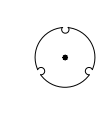
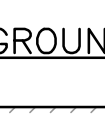


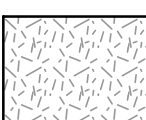
PLANT SOCIETY

SHEET NUMBER.

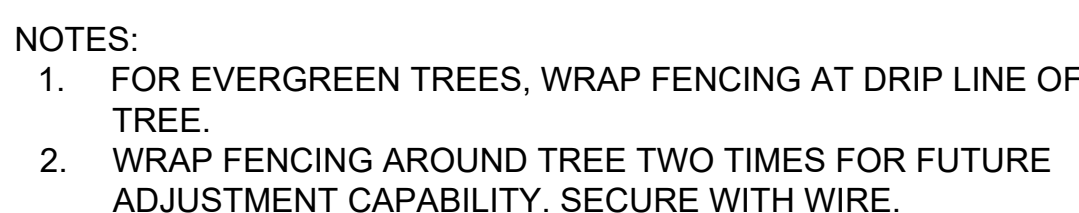
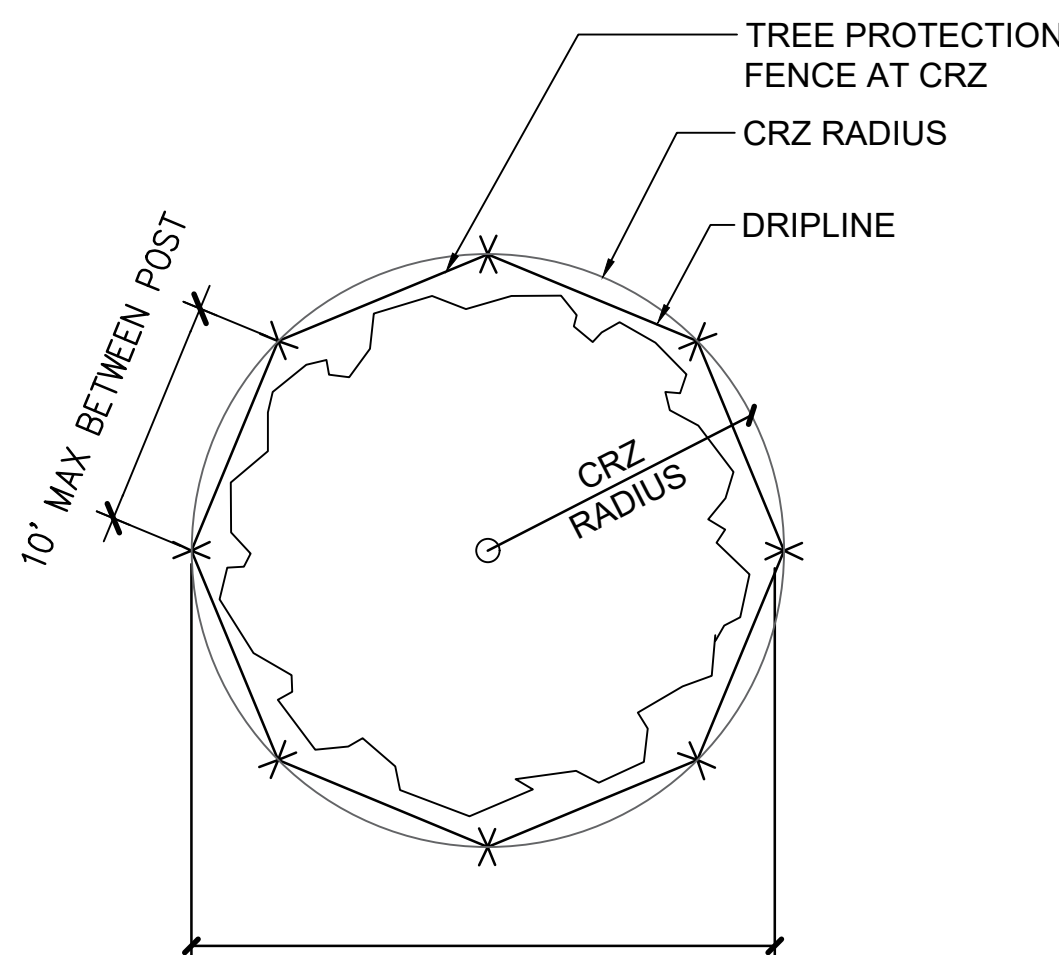
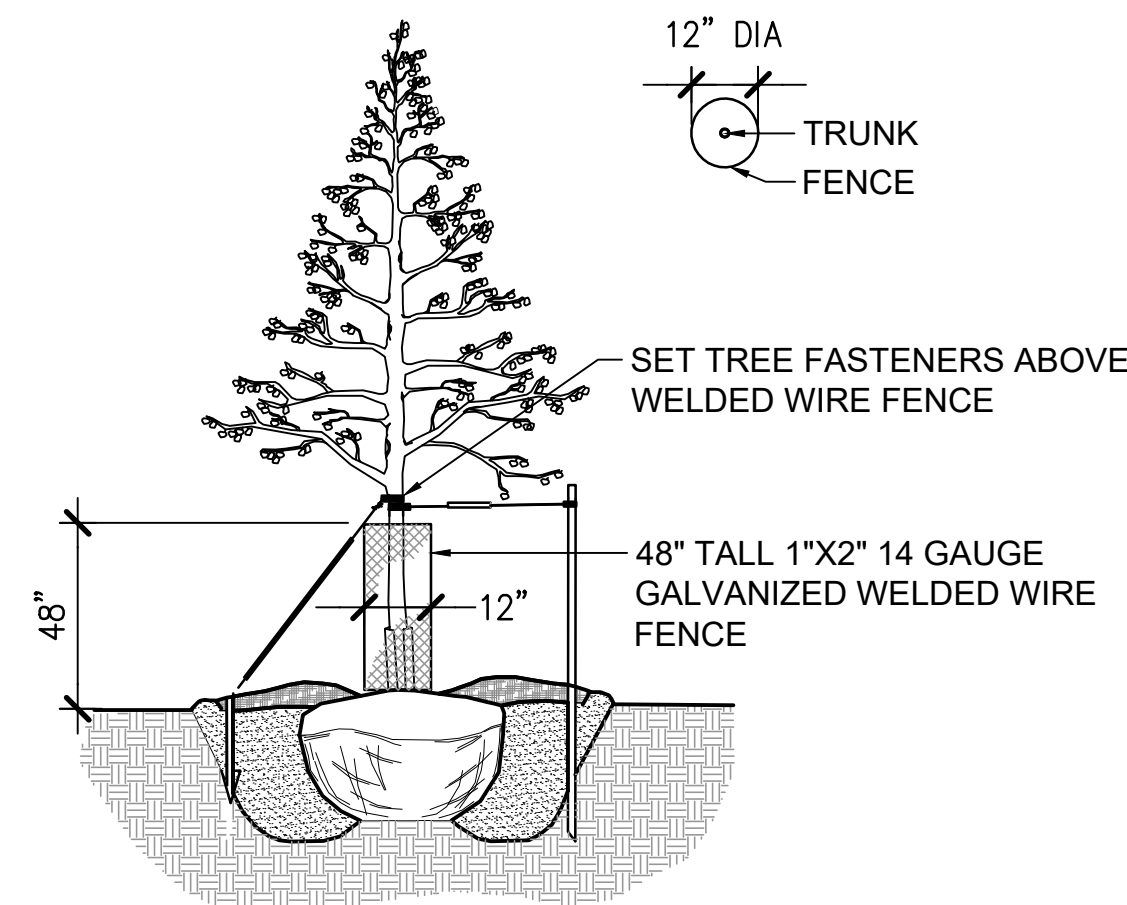
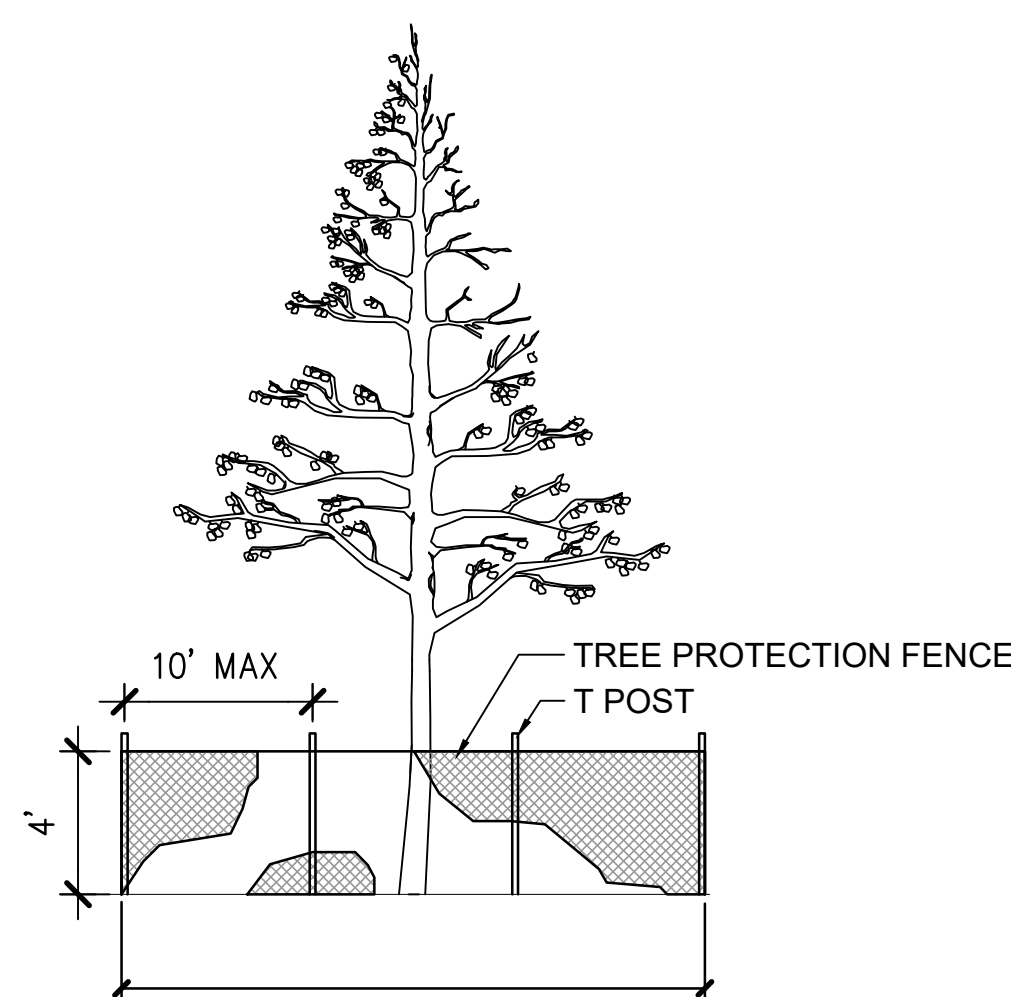
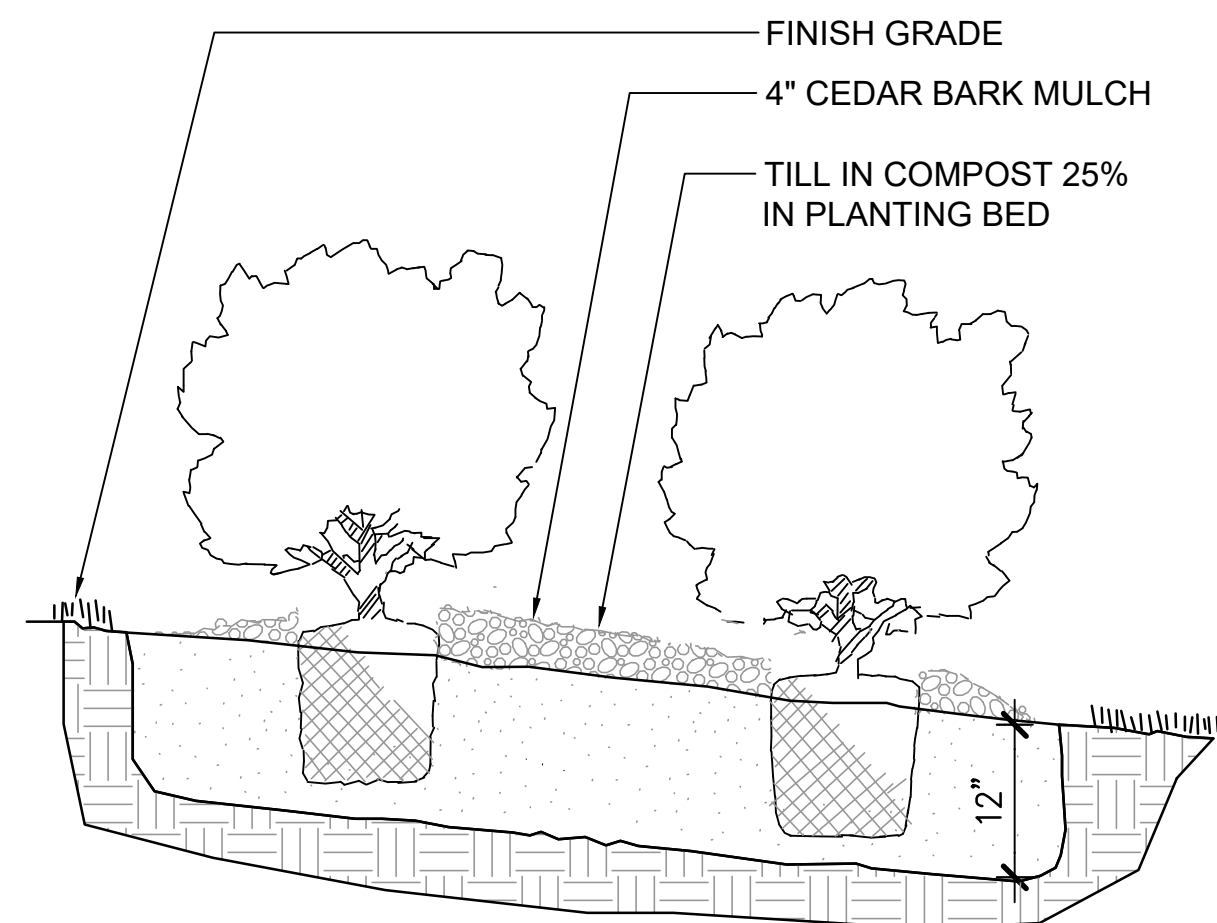
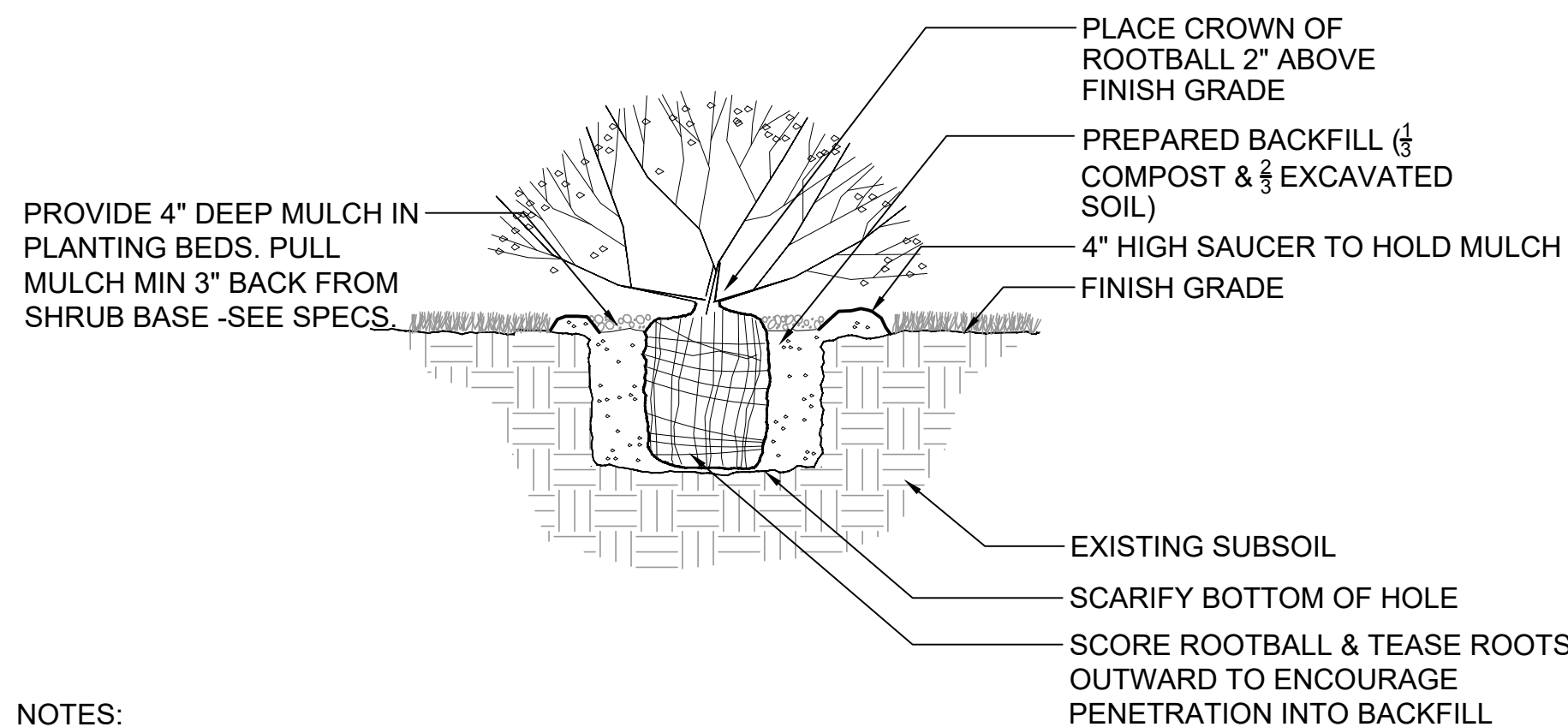
13

QUEST 7 OF 13

## PLANT SCHEDULE

TREES	COMMON / BOTANICAL NAME	CONT	QTY
	RIO GRANDE COTTONWOOD / POPULUS DELTOIDES WISLIZENII	10 GAL	4
SHRUBS	COMMON / BOTANICAL NAME	CONT	QTY
	FIRST CHOICE BLUE MIST SPIREA / CARYOPTERIS X CLANDONENSIS 'FIRST CHOICE'	5 GAL	9
	ARCTIC FIRE DOGWOOD / CORNUS SERICEA 'ARCTIC FIRE'	5 GAL	7
	BLUE STAR JUNIPER / JUNIPERUS SQUAMATA 'BLUE STAR'	5 GAL	3
	DWARF GLOBE GREEN SPRUCE / PICEA PUNGENS 'ROUNABOUT'	5 GAL	5
	DWARF EUROPEAN VIBURNUM / VIBURNUM OPULUS 'NANUM'	5 GAL	9
	BAILEY'S COMPACT AMERICAN CRANBERRY BUSH / VIBURNUM TRILOBUM 'BAILEY COMPACT'	5 GAL	5
ORNAMENTAL GRASSES	COMMON / BOTANICAL NAME	CONT	QTY
	BLUE AVENA GRASS / HELICTOTRICHON SEMPERVIRENS	1 GAL	72
	SWITCH GRASS 'SHENANDOAH' / PANICUM VIRGATUM	1 GAL	28
PERENNIALS	COMMON / BOTANICAL NAME	CONT	QTY
	MOONSHINE YARROW / ACHILLEA MILLEFOLIUM 'MOONSHINE'	1 GAL	11
	FIRST LOVE DIANTHUS / DIANTHUS X 'FIRST LOVE'	1 GAL	12
	PURPLE CONEFLOWER / ECHINACEA PURPUREA	1 GAL	14
	HAPPY RETURNS DAYLILY / HEMEROCALLIS X 'HAPPY RETURNS'	1 GAL	24
	STELLA DE ORO DAYLILY / HEMEROCALLIS X 'STELLA DE ORO'	1 GAL	20
	PURPLE DRAGON NETTLE / LAMIUM MACULATUM 'PURPLE DRAGON'	1 GAL	16
	MOUNTAIN LOVER / PAXISTIMA CANBYI	1 GAL	12
	BLUE CREEPING PHLOX / PHLOX SUBULATA 'BLUE'	1 GAL	11
	BLACK-EYED SUSAN / RUDBECKIA FULGIDA 'GOLDSTRUM'	1 GAL	11
	MAY NIGHT SALVIA / SALVIA X SYLVESTRIS 'MAY NIGHT'	1 GAL	18
	PROSTRATE SPEEDWELL / VERONICA PROSTRATA	1 GAL	21
GROUND COVERS	COMMON / BOTANICAL NAME	CONT	QTY
	CEDAR BARK MULCH	MULCH	2,159 SF
	SOD (TYP.)	SOD	4,500 SF
	STABILIZED CRUSHER FINES	CRUSHER FINES	1,452 SF

**SOD/TURF:**  
SOD TO BE HYBRID FIVE WAY THERMAL BLUE BLUEGRASS  
BLEND SUPPLIED BY SUPERIOR SOD, LLC OR APPROVED  
EQUAL. SOD SHALL BE ADAPTED TO THE AREA, DROUGHT  
TOLERANT, AND MEANT FOR HIGH ALTITUDE CLIMATES.  
**PHONE:** 970-252-1763  
**ADDRESS:** 57518 IDA RD., MONTROSE, CO 81403



## 1 DECIDUOUS TREE PLANTING DETAIL

2 TREE WATER SCHEDULE DETAIL - DECIDUOUS TREES  
L2.1 NOT TO SCALE

## TREE PROTECTION NOTES

THE CRITICAL ROOT ZONE OF A TREE IS THE ZONE IN WHICH THE MAJORITY OF A TREE'S ROOTS LAY. NINETY-FIVE PERCENT OF THE ROOTS OF MOST TREES WILL BE FOUND IN THE UPPER 30-36" OF THE SOIL. OF THOSE THE MAJORITY OF THE ROOTS THAT SUPPLY THE NUTRIENTS AND WATER TO THE TREE ARE FOUND IN THE UPPERMOST LAYER, JUST BELOW THE SOIL SURFACE. THE TOTAL AMOUNT OF A TREE'S ROOTS ARE GENERALLY PROPORTIONAL TO VOLUME OF THE TREE CANOPY. THEREFORE IF THE ROOTS ONLY PENETRATE A THIN LAYER OF SOIL THEN THE ROOTS MUST SPREAD FAR FROM THE TREE BEYOND THE LIMITS OF THE CANOPY. ROOTS ARE VITAL TO THE FUNCTION OF ANY TREE.

THE RADIUS OF THE CRITICAL ROOT ZONE IS TO BE CALCULATED BY PROVIDING 1.5' OF RADIUS FOR EVERY 1" OF DBH. THE DBH IS THE CALIPER DIAMETER OF THE TREE AT 4' FROM THE GROUND.

CONSTRUCTION ACTIVITIES ARE TO BE AVOIDED IN THE CRITICAL ROOT ZONE. CONSTRUCTION ACTIVITIES THAT ARE REQUIRED WITHIN THIS ZONE ARE TO BE DONE WITH HAND EQUIPMENT AND NO ROOT GREATER THAN 2" IN DIAMETER IS TO BE CUT PRIOR TO APPROVAL OF THE CITY ARBORIST.

ALL TRENCHING REQUIRED WITHIN THE ROOT ZONE IS TO BE DONE BY AIR SPADE.

FENCE IS TO BE MAINTAINED BY CONTRACTOR  
THROUGHOUT THE EXTENT OF  
CONSTRUCTION.

NO HEAVY EQUIPMENT IS TO BE STORED OR STAGED WITHIN THE CRITICAL ROOT ZONE.

NO CHEMICAL STORAGE, WASHING OF PAINT OR OTHER CHEMICALS IS ALLOWED WITHIN THE CRITICAL ROOT ZONE.

# DHM DESIGN

1309 East 3rd Avenue  
Room 23  
Durango, CO 81301  
970.385.4219  
[www.dhmdesign.com](http://www.dhmdesign.com)

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# Ridgway Heritage Park

Phase 1 - 90% Landscape and Irrigation CDs  
150 Racecourse Road, Ridgway Colorado, 81432

PROJECT NUMBER: 19198.00 DATE 06/28/201  
DESIGNED: WC, CW  
DRAWN: CW  
CHECKED: WC

REVISIONS

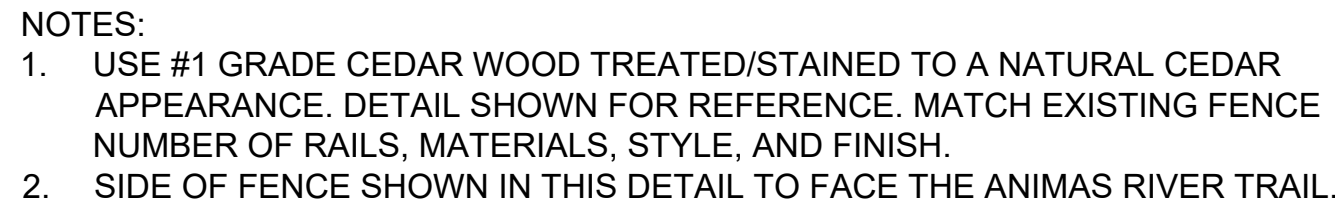
**JOB DESCRIPTION:**  
90% Construction Documents

SHEET TITLE:  
PLANTING DETAILS

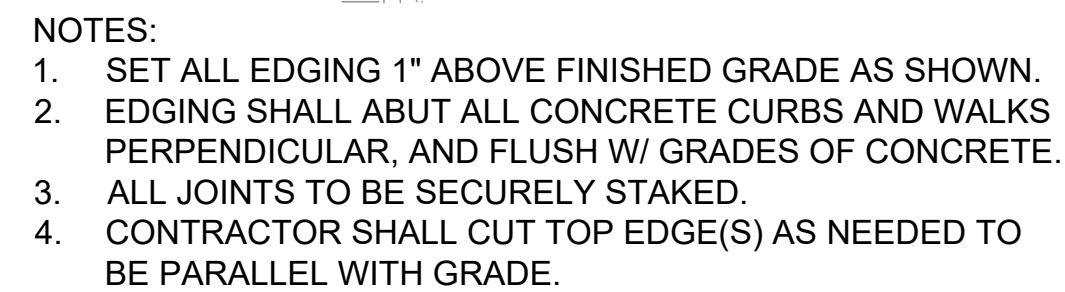
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## L2.1

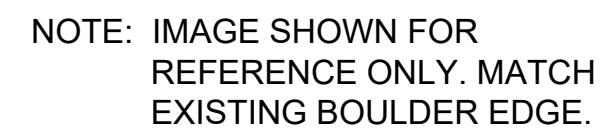
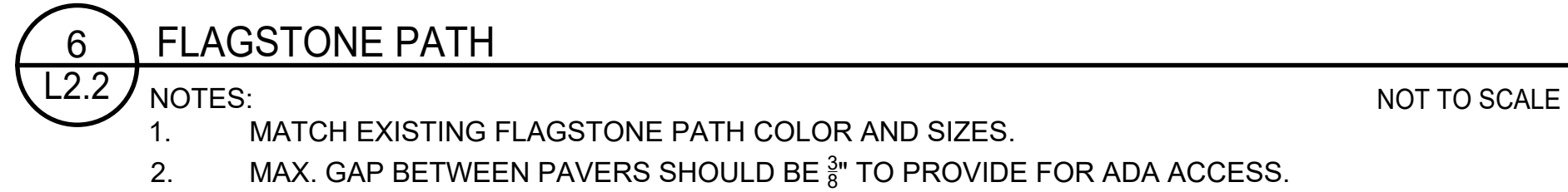
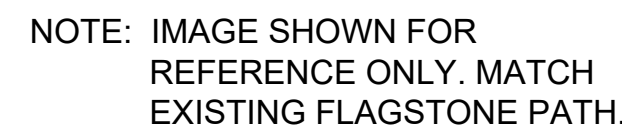
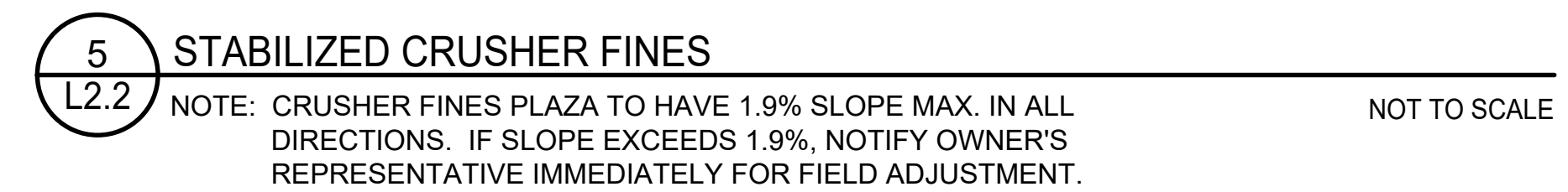
SHEET 8 OF 13



NOT TO SCALE



NOT TO SCALE



# Ridgway Heritage Park

PROJECT NUMBER: 19198.00 DATE 06/28/201  
DESIGNED: WC, CW  
DRAWN: CW  
CHECKED: WC

## REVISIONS

**JOB DESCRIPTION:**  
90% Construction  
Documents

SHEET TITLE:  
ROOT BARRIER  
DETAIL

SCALE: AS SHOWN  
SHEET NUMBER:

## L2.3

SHEET 10 OF 13

## A. MATERIALS

1. THE CONTRACTOR SHALL FURNISH AND INSTALL ROOT BARRIERS AS SPECIFIED. THE TREE ROOT BARRIERS SHALL BE PRODUCT #H18-2 AS MANUFACTURED BY DEEP ROOT PARTNERS, L.P., 81 LANGSTON ST. #4 SAN FRANCISCO, CA (800-458-7668), OR APPROVED EQUAL. THE BARRIER SHALL BE BLACK, INJECTION MOLDED PANELS, OF .080" (2.03MM) WALL THICKNESS IN MODULES 24" (61CM) LONG BY 18" (46CM) DEEP; MANUFACTURED WITH A MINIMUM 50% POST CONSUMER RECYCLED POLYPROPYLENE PLASTIC WITH ADDED ULTRAVIOLET INHIBITORS, RECYCLABLE.  
EACH PANEL SHALL HAVE:

- NOT LESS THAN 4 MOLDED INTEGRAL VERTICAL ROOT DEFLECTING RIBS OF AT LEAST 0.06" (1.52MM) THICKNESS PROTRUDING  $\frac{3}{4}$ " (12.7MM) AT 90° FROM INTERIOR OF THE BARRIER PANEL, SPACED 6" (15.24MM) APART (SEE PANEL DRAWING ON 18 INCH DEEPROOT TREE ROOT BARRIERS, DETAILS)

- A DOUBLE TOP EDGE CONSISTING OF TWO PARALLEL, INTEGRAL, HORIZONTAL RIBS AT THE TOP OF THE PANEL OF A MINIMUM 0.06" (6.35MM) APART WITH THE LOWER RIB ATTACHED TO THE VERTICAL ROOT DEFLECTING RIBS (SEE DETAIL "A")

- A MINIMUM OF 9 ANTI-LIFT GROUND LOCK TABS CONSISTING OF INTEGRAL HORIZONTAL RIDGES OF A MINIMUM 0.06" (1.52MM) THICKNESS IN THE SHAPE OF A SEGMENT OF A CIRCLE, THE  $2\frac{1}{2}$ " (67MM) CHORD OF THE SEGMENT JOINING THE PANEL WALL AND THE SEGMENT, PROTRUDING  $\frac{3}{8}$ " (9.53MM) FROM THE PANEL. THE NINE GROUND LOCKS ON EACH PANEL SHALL BE ABOUT EQUALLY SPACED BETWEEN EACH OF THE VERTICAL ROOT DEFLECTING RIBS (3 BETWEEN EACH SET OF RIBS, SEE DETAIL "B")

- AN INTEGRAL ZIPPER JOINING SYSTEM PROVIDING FOR INSTANT ASSEMBLY BY SLIDING ONE PANEL INTO ANOTHER (SEE DETAIL "C")

2. THE BASIC PROPERTIES OF THE MATERIAL SHALL BE:

TEST	ASTM TEST METHOD	VALUE COPOLYMER POLYPROPYLENE
TENSILE STRENGTH @ YIELD-WALL	D638	2.383 PSI
TENSILE STRENGTH @ YIELD-HINGE	D638	2.483 PSI
YIELD ELONGATION-WALL	D638	7.71%
YIELD ELONGATION-HINGE	D638	7.58%
FLEXURAL MODULUS	D790B	120.785 PSI
NOTCHED IZOD IMPACT-WALL	D256A	2.54 (FT-LBS)
ROCKWELL HARDNESS R. SCALE-WALL	D785A	84.1

## B. CONSTRUCTION AND INSTALLATION

1. THE CONTRACTOR SHALL INSTALL THE TREE ROOT BARRIERS WITH THE NUMBER OF PANELS AND IN THE MANNER SHOWN ON THE DRAWINGS. THE VERTICAL ROOT DEFLECTING RIBS SHALL BE FACING INWARDS TO THE ROOT BALL AND THE TOP OF THE DOUBLE EDGE SHALL BE  $\frac{3}{4}$ " (12.7MM) ABOVE GRADE. EACH OF THE REQUIRED NUMBER OF PANELS SHALL BE CONNECTED TO FORM A CIRCLE AROUND THE ROOT BALL OR JOINED IN A LINEAR FASHION AND PLACED ALONG THE ADJACENT HARDSCAPE.

2. EXCAVATION AND SOIL PREPARATION SHALL CONFORM TO THE DRAWINGS.

NOTES:

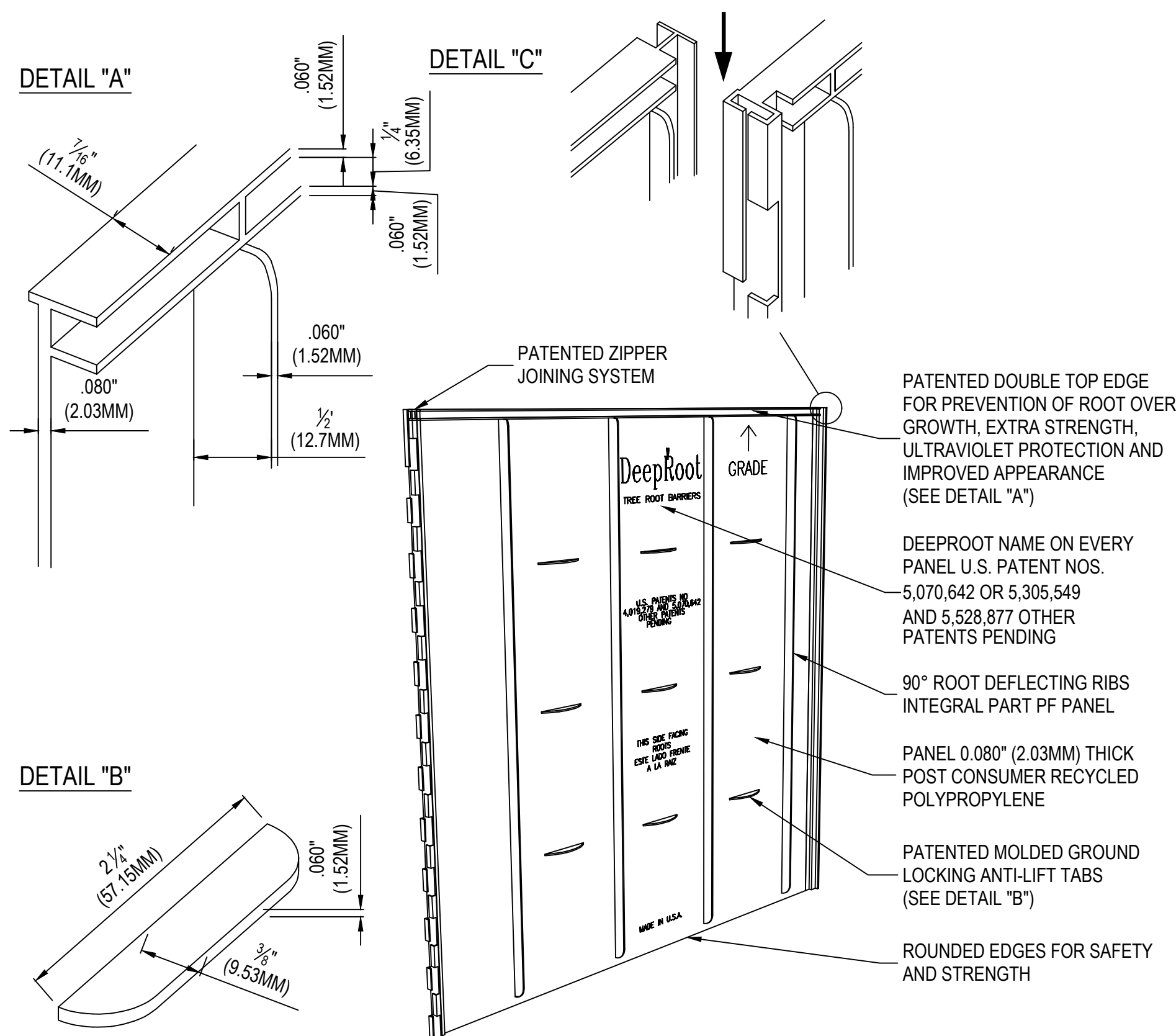
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE TO MANUFACTURER'S SPECIFICATIONS.
2. DO NOT SCALE DRAWINGS.
3. REFER TO PRODUCTS: 18 INCH DEEPROOT TREE ROOT BARRIERS, UB 18-2 DETAILS FOR DETAILS

1 TREE ROOT BARRIER -BID ALTERNATE

NOTES:

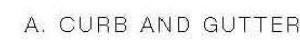
1. INSTALL 20 LF OF TREE ROOT BARRIER ON THE SIDEWALK AND CURB SIDE OF ALL TREES WITHIN 10'-0" OF HARDSCAPE, CENTER ON TREE.
2. TREE ROOT BARRIER (18" DEEP) SHALL BE PRODUCT #UB 18-2 AS MANUFACTURED BY DEEP ROOT PARTNERS (800.458.7668) OR APPROVED EQUAL.

NOT TO SCALE



NOTES:

1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS  
2. REFERENCE NUMBER 095-003B

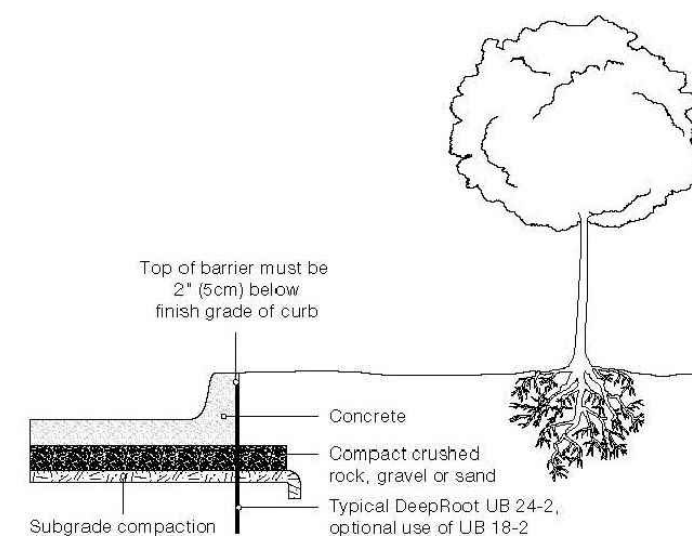


Typical section of curb and gutter with DeepRoot Tree Root Guide inset into concrete.

Guide is installed in a trench in subgrade which is then compacted. Guide is set so that top edge will be 2" (5cm) below finish grade of curb and set flush with edge of curb. Vertical ribs face toward tree roots.

INSTALLATION INSTRUCTIONS:

1. Prepare base and subgrade.
2. Trench to appropriate depth for installation so that top of barrier is 2" (5cm) below finish grade of top of curb.
3. Place tree root guide in trench. Vertical ribs must face toward tree roots.
4. Backfill and compact to requirements.
5. Place form material against guide. (It may be nailed from the outside of the form.)



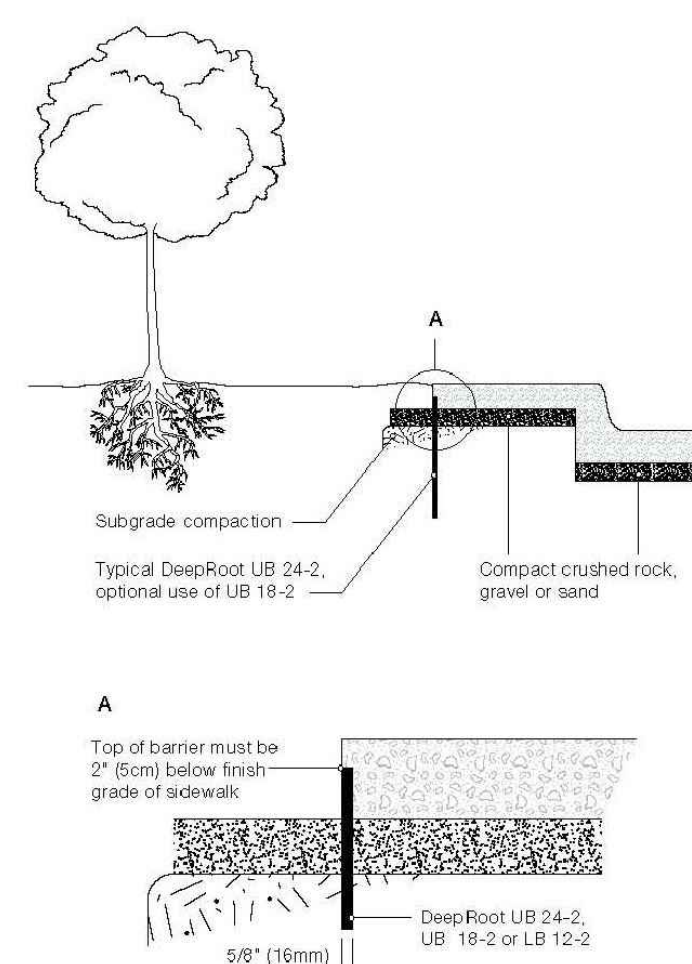
### B. SIDEWALK

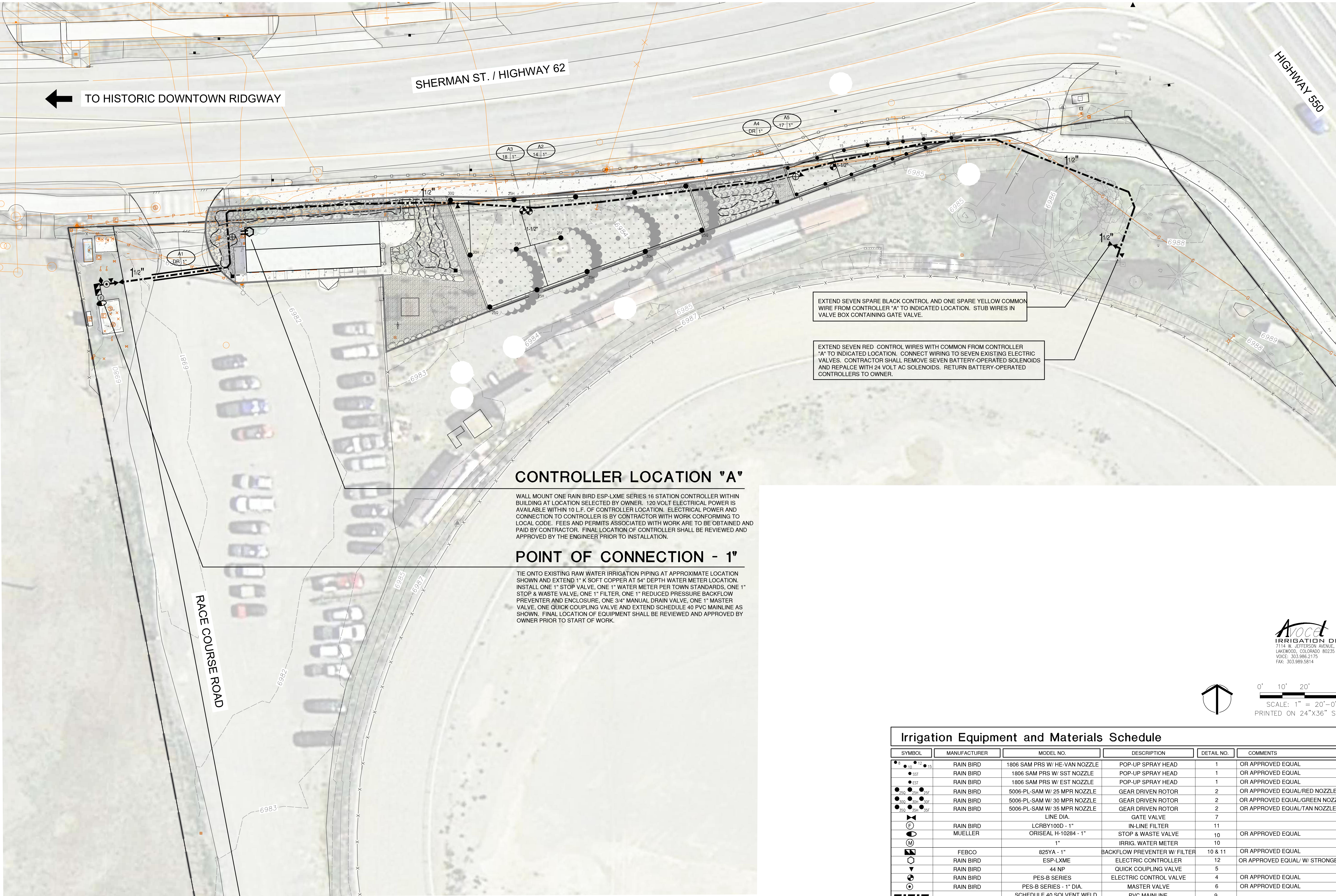
Typical section of sidewalk with DeepRoot Tree Root Guide inset into concrete.

Guide is installed in a trench in subgrade which is then compacted. Guide is set so that top edge will be 2" (5cm) above compacted rock, gravel or sand (or halfway between rock and finish grade of SW). Vertical ribs face toward tree roots.

INSTALLATION INSTRUCTIONS:

1. Prepare base and subgrade.
2. Trench to appropriate depth for installation of root guide so that top of guide is 2" (5cm) below finish grade of sidewalk (or halfway between top of compacted rock and finish grade of SW).
3. Place tree root guide in trench. Vertical ribs must face toward tree roots.
4. Backfill and compact to requirements.
5. Place form material against guide. (It may be nailed from the outside of the form.)





### CONTROLLER LOCATION "A"

WALL MOUNT ONE RAIN BIRD ESP-LXME SERIES 16 STATION CONTROLLER WITHIN BUILDING AT LOCATION SELECTED BY OWNER. 120 VOLT ELECTRICAL POWER IS AVAILABLE WITHIN 10 LF. OF CONTROLLER LOCATION. ELECTRICAL POWER AND CONNECTION TO CONTROLLER IS BY CONTRACTOR WITH WORK CONFORMING TO LOCAL CODE. FEES AND PERMITS ASSOCIATED WITH WORK ARE TO BE OBTAINED AND PAID BY CONTRACTOR. FINAL LOCATION OF CONTROLLER SHALL BE REVIEWED AND APPROVED BY THE ENGINEER PRIOR TO INSTALLATION.

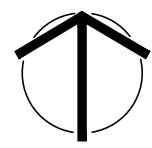
### POINT OF CONNECTION - 1"

TIE ONTO EXISTING RAW WATER IRRIGATION PIPING AT APPROXIMATE LOCATION SHOWN AND EXTEND 1" K SOFT COPPER AT 54" DEPTH WATER METER LOCATION. INSTALL ONE 1" STOP VALVE, ONE 1" WATER METER PER TOWN STANDARDS, ONE 1" STOP & WASTE VALVE, ONE 1" FILTER, ONE 1" REDUCED PRESSURE BACKFLOW PREVENTER AND ENCLOSURE, ONE 3/4" MANUAL DRAIN VALVE, ONE 1" MASTER VALVE, ONE QUICK COUPLING VALVE AND EXTEND SCHEDULE 40 PVC MAINLINE AS SHOWN. FINAL LOCATION OF EQUIPMENT SHALL BE REVIEWED AND APPROVED BY OWNER PRIOR TO START OF WORK.

EXTEND SEVEN SPARE BLACK CONTROL AND ONE SPARE YELLOW COMMON WIRE FROM CONTROLLER "A" TO INDICATED LOCATION. STUB WIRES IN VALVE BOX CONTAINING GATE VALVE.

EXTEND SEVEN RED CONTROL WIRES WITH COMMON FROM CONTROLLER "A" TO INDICATED LOCATION. CONNECT WIRING TO SEVEN EXISTING ELECTRIC VALVES. CONTRACTOR SHALL REMOVE SEVEN BATTERY-OPERATED SOLENOIDS AND REPLACE WITH 24 VOLT AC SOLENOIDS. RETURN BATTERY-OPERATED CONTROLLERS TO OWNER.

**AVOCET**  
IRRIGATION DESIGN  
7114 W. JEFFERSON AVENUE, SUITE 201  
LAKEWOOD, COLORADO 80235  
VOICE: 303.986.2175  
FAX: 303.989.5814



0' 10' 20' 40'  
SCALE: 1" = 20'-0"  
PRINTED ON 24"X36" SHEET

### Irrigation Equipment and Materials Schedule

SYMBOL	MANUFACTURER	MODEL NO.	DESCRIPTION	DETAIL NO.	COMMENTS
●	RAIN BIRD	1806 SAM PRS W/ HE-VAN NOZZLE	POP-UP SPRAY HEAD	1	OR APPROVED EQUAL
●	RAIN BIRD	1806 SAM PRS W/ SST NOZZLE	POP-UP SPRAY HEAD	1	OR APPROVED EQUAL
●	RAIN BIRD	1806 SAM PRS W/ EST NOZZLE	POP-UP SPRAY HEAD	1	OR APPROVED EQUAL
●	RAIN BIRD	5006-PL-SAM W/ 25 MPR NOZZLE	GEAR DRIVEN ROTOR	2	OR APPROVED EQUAL/RED NOZZLE
●	RAIN BIRD	5006-PL-SAM W/ 30 MPR NOZZLE	GEAR DRIVEN ROTOR	2	OR APPROVED EQUAL/GREEN NOZZLE
●	RAIN BIRD	5006-PL-SAM W/ 35 MPR NOZZLE	GEAR DRIVEN ROTOR	2	OR APPROVED EQUAL/TAN NOZZLE
●		LINE DIA.	GATE VALVE	7	
●	RAIN BIRD	LCRBY100D - 1"	IN-LINE FILTER	11	
●	MUELLER	ORISEAL H-10284 - 1"	STOP & WASTE VALVE	10	OR APPROVED EQUAL
●		1"	IRRIG. WATER METER	10	
●	FEBCO	825YA - 1"	BACKFLOW PREVENTER W/ FILTER	10 & 11	OR APPROVED EQUAL
●	RAIN BIRD	ESP-LXME	ELECTRIC CONTROLLER	12	OR APPROVED EQUAL/ W/ STRONGBOX ENCL.
●	RAIN BIRD	44 NP	QUICK COUPLING VALVE	5	
●	RAIN BIRD	PES-B SERIES	ELECTRIC CONTROL VALVE	4	OR APPROVED EQUAL
●	RAIN BIRD	PES-B SERIES - 1" DIA.	MASTER VALVE	6	OR APPROVED EQUAL
●		SCHEDULE 40 SOLVENT WELD	PVC MAINLINE	9	
●		SCHEDULE 40 SOLVENT WELD	PVC IRRIGATION SLEEVING	-	
●		SCHEDULE 40 SOLVENT WELD - 1" DIA. UNLESS NOTED OTHERWISE	PVC LATERAL PIPING	9	
●		LINE DIA.	DRIP BLOW-OUT STUB	13	
●	RAIN BIRD	XCZ-100-PRB-COM	DRIP VALVE ASSEMBLY	3	
●	RAIN BIRD	XBS-940	POLY DRIP TUBING	14	
●			CONTROLLER & STATION NO.		
●			CONTROL VALVE SIZE		

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**Ridgway Heritage Park**  
Phase 1 - 90% Landscape and Irrigation CDs  
150 Racecourse Road, Ridgway Colorado, 81432

PROJECT NUMBER: 19198.00  
DATE: 06/28/2019  
DESIGNED: DZ  
DRAWN: DZ  
CHECKED: DZ

REVISIONS:  
JOB DESCRIPTION:  
90% Construction  
Documents

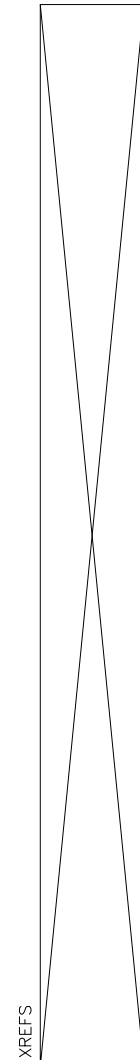
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IRRIGATION PLAN

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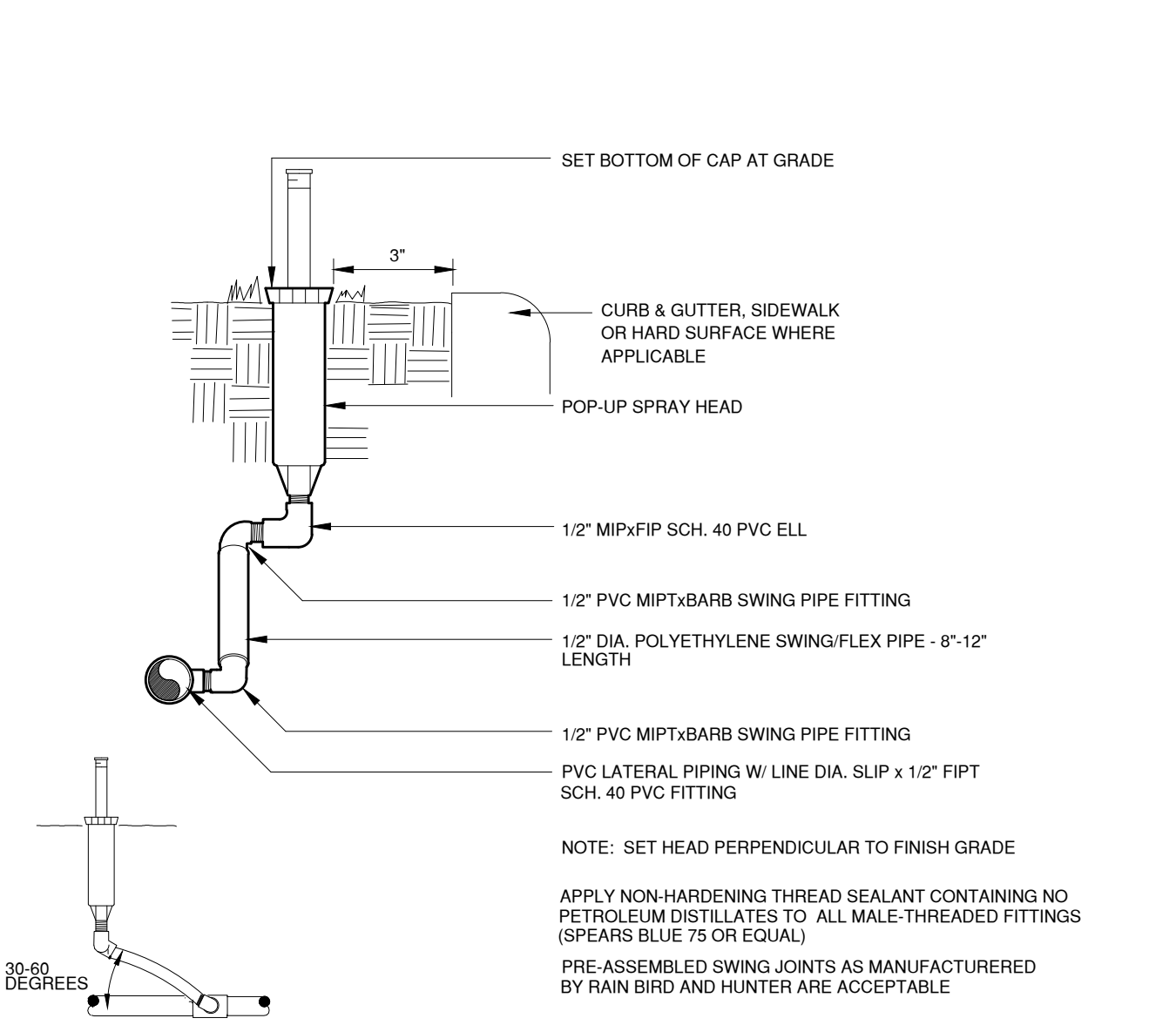
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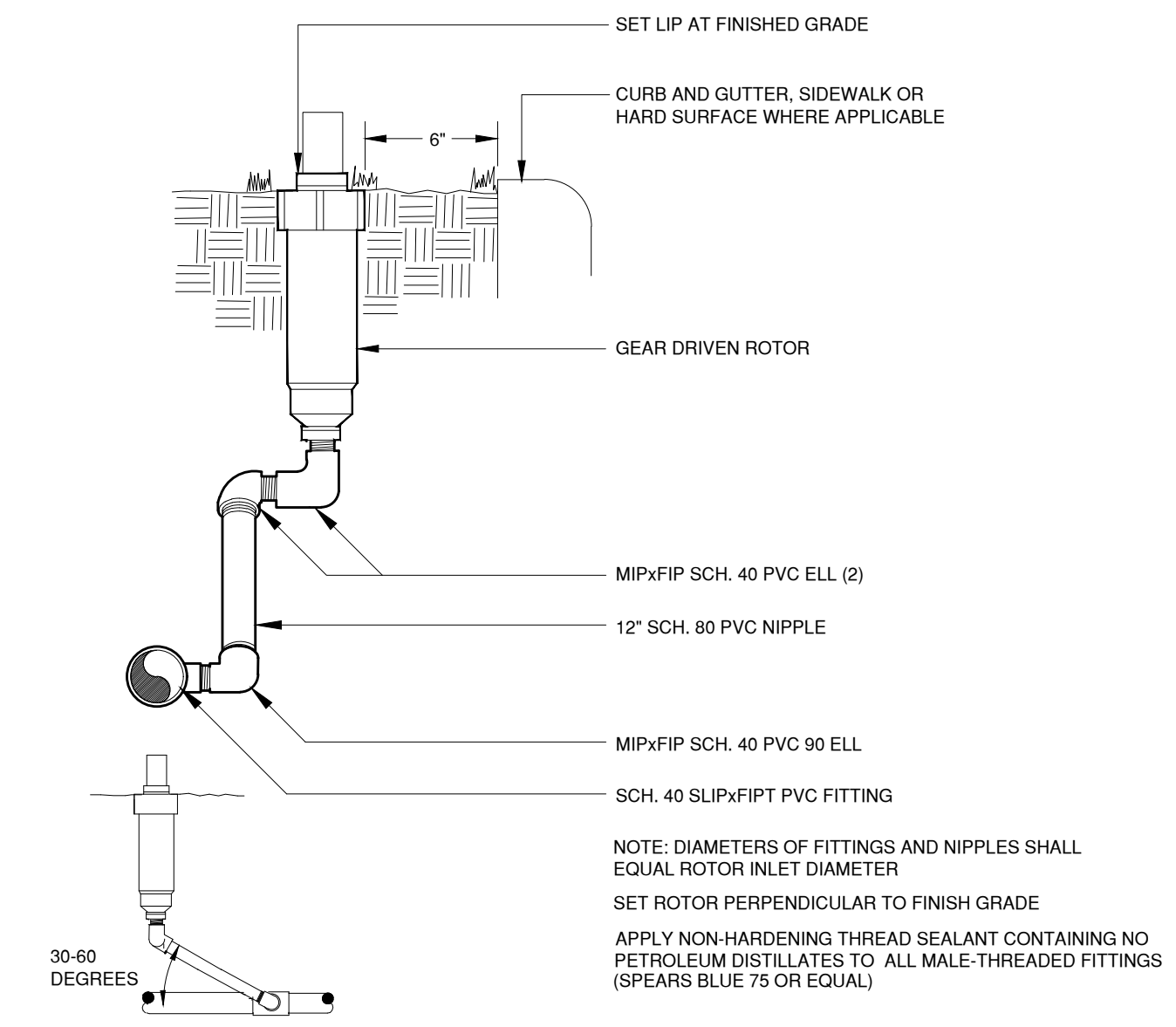
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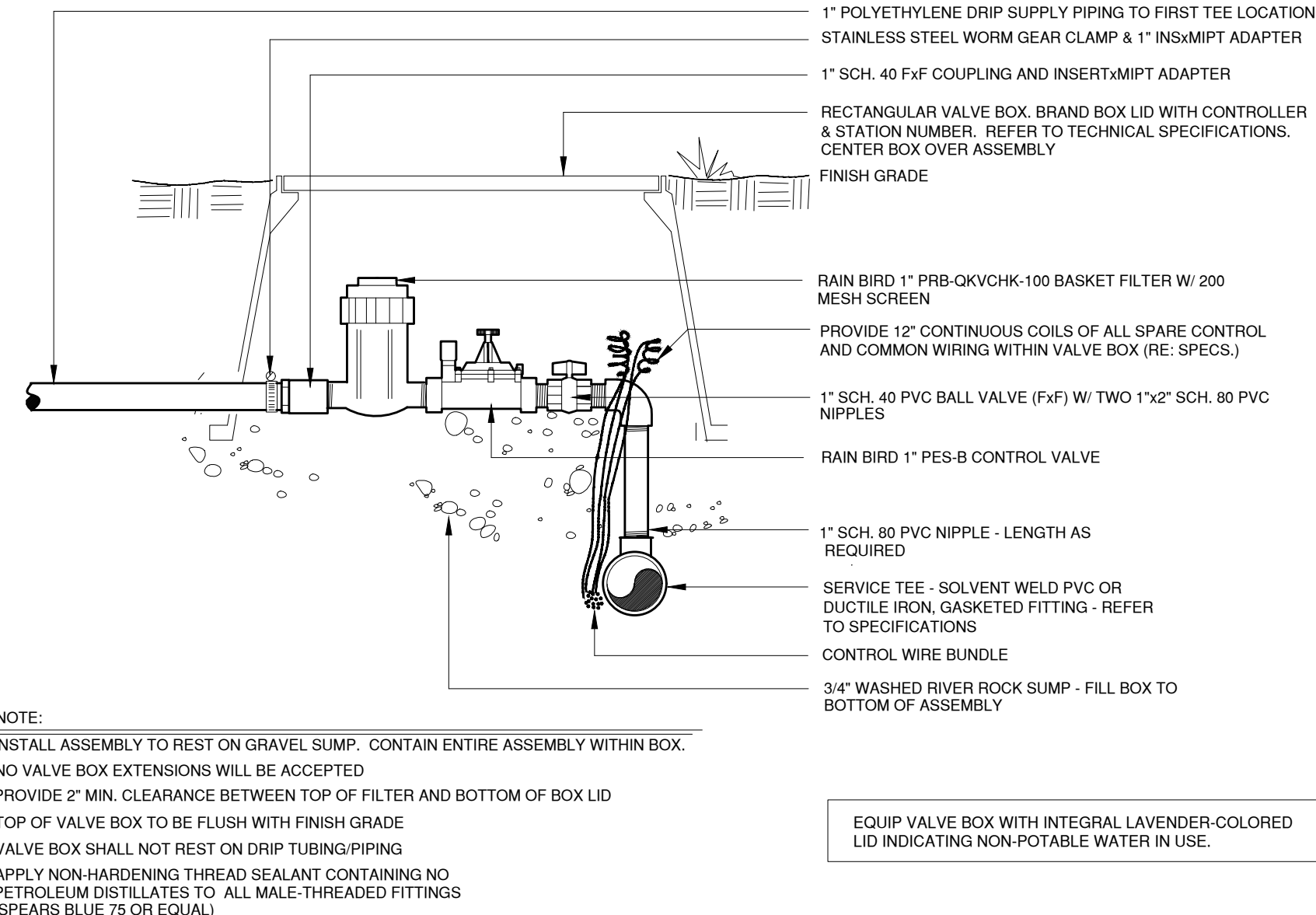
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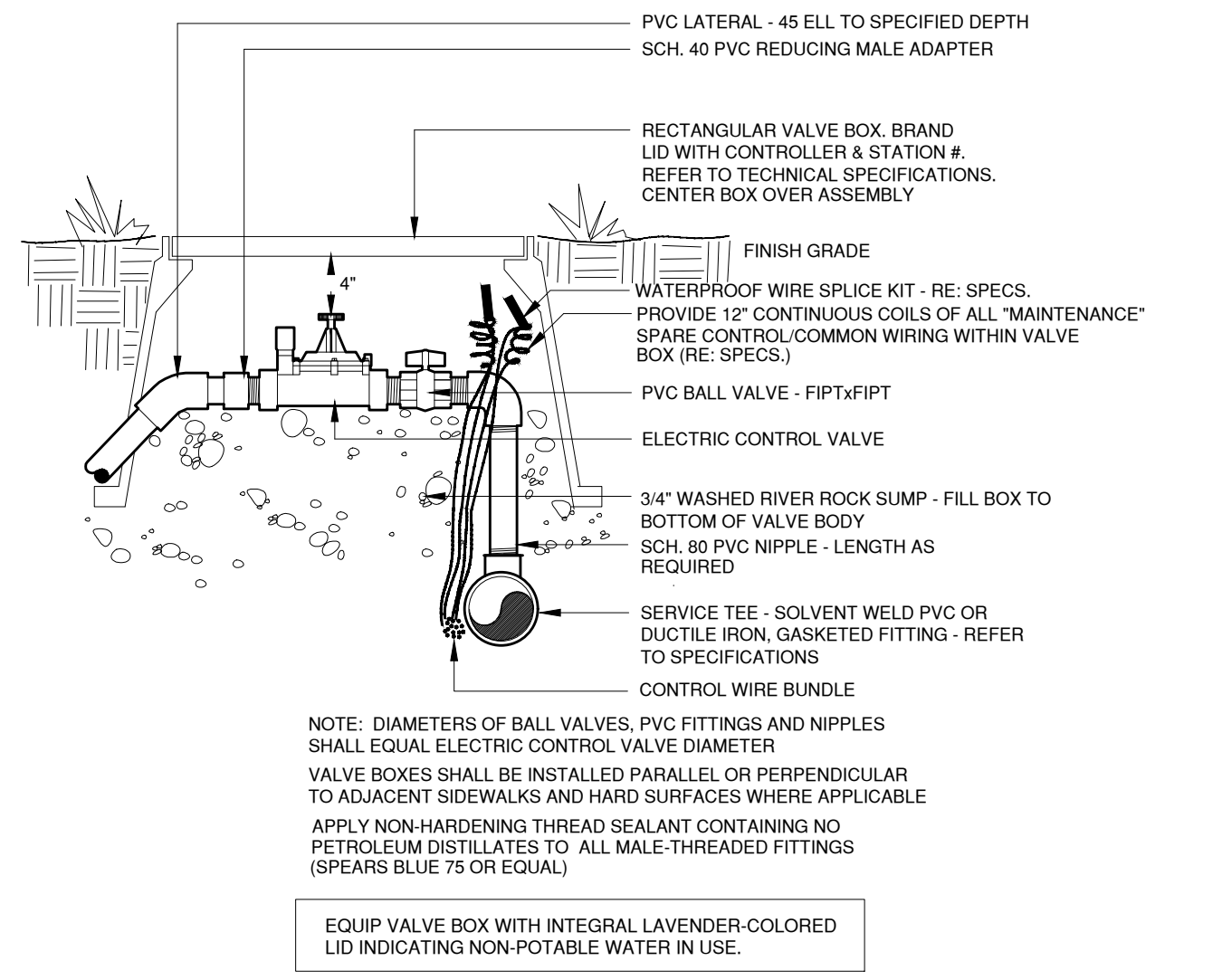
POP-UP SPRAY HEAD



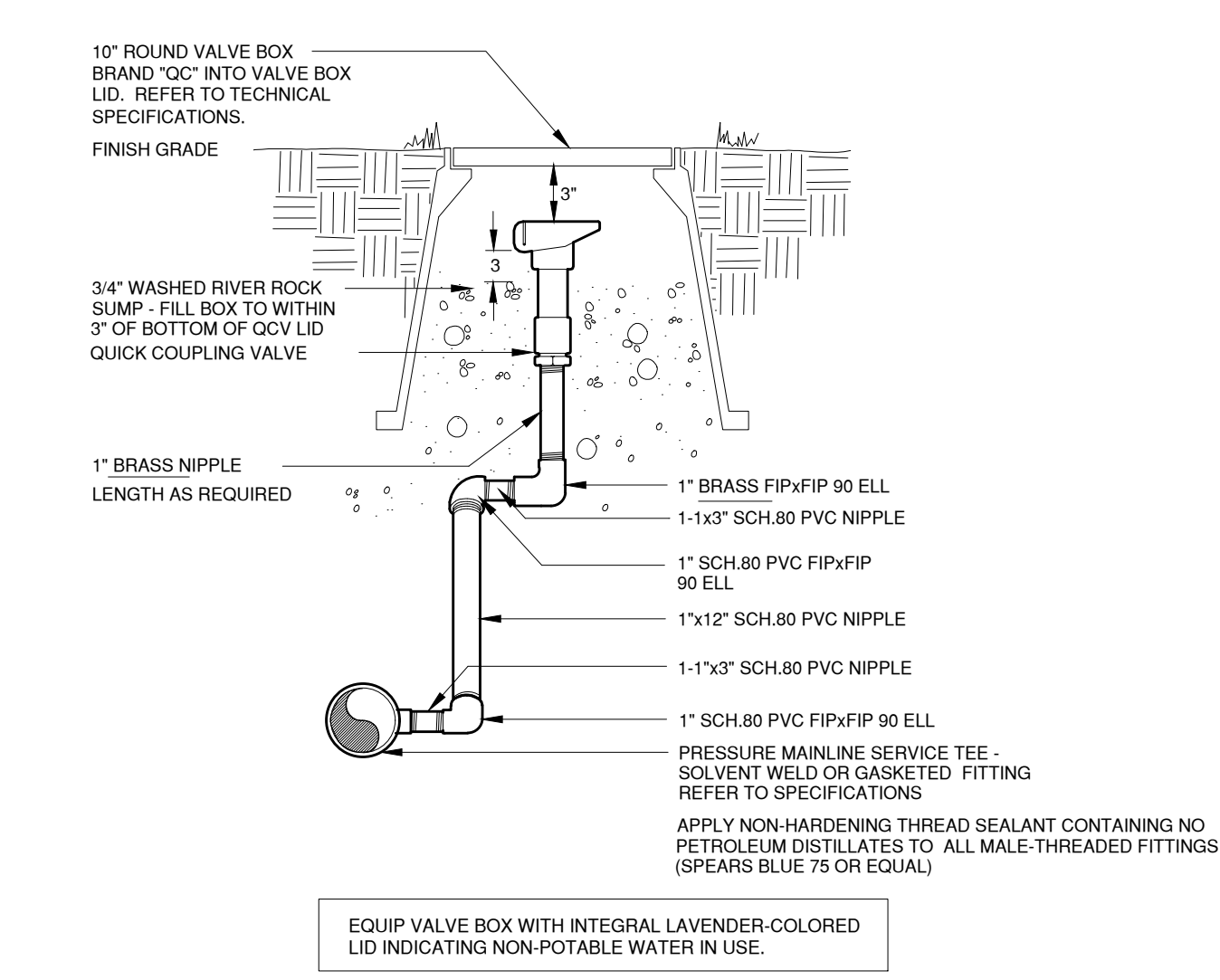
GEAR DRIVEN ROTOR



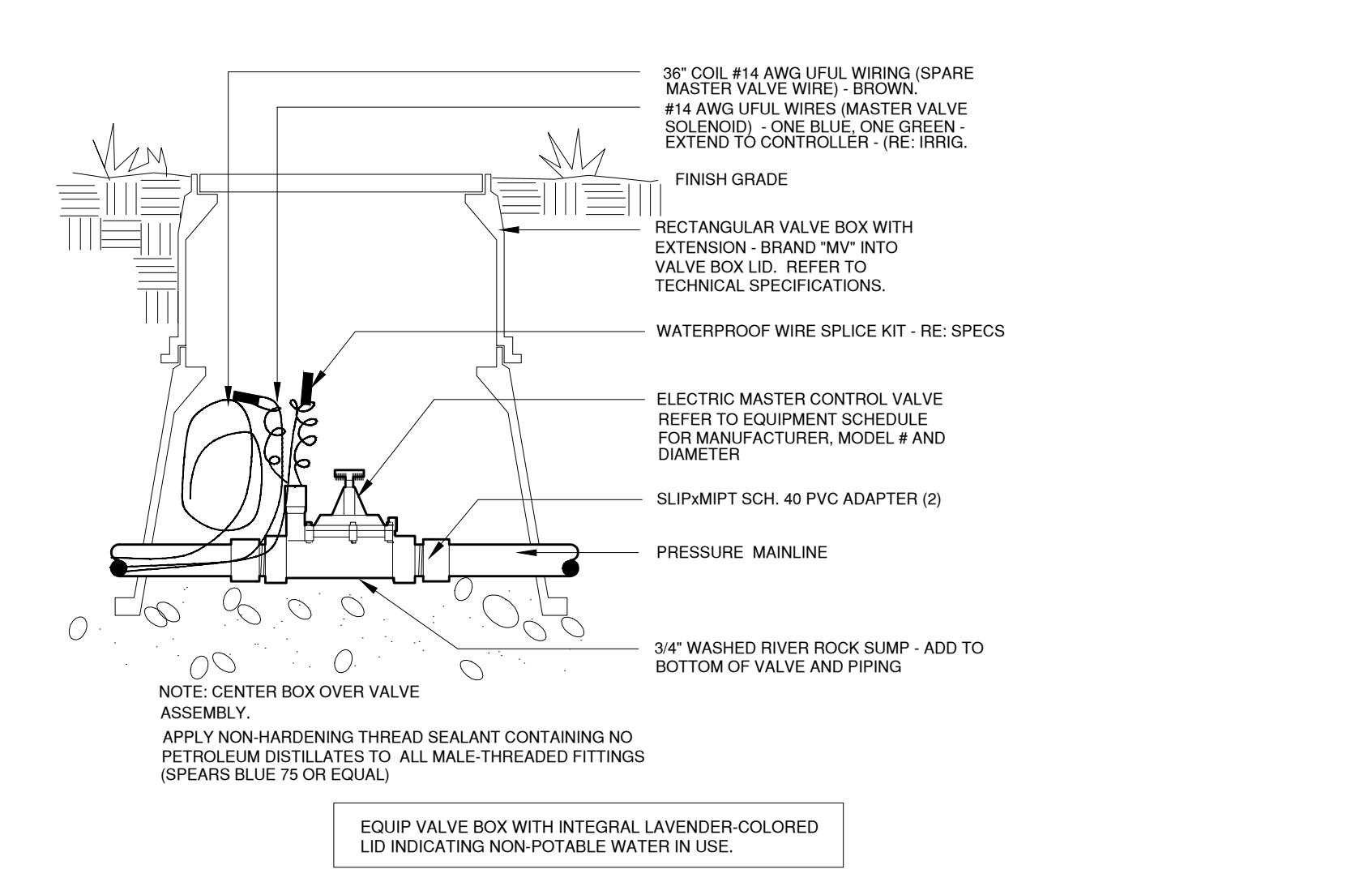
DRIP VALVE ASSEMBLY



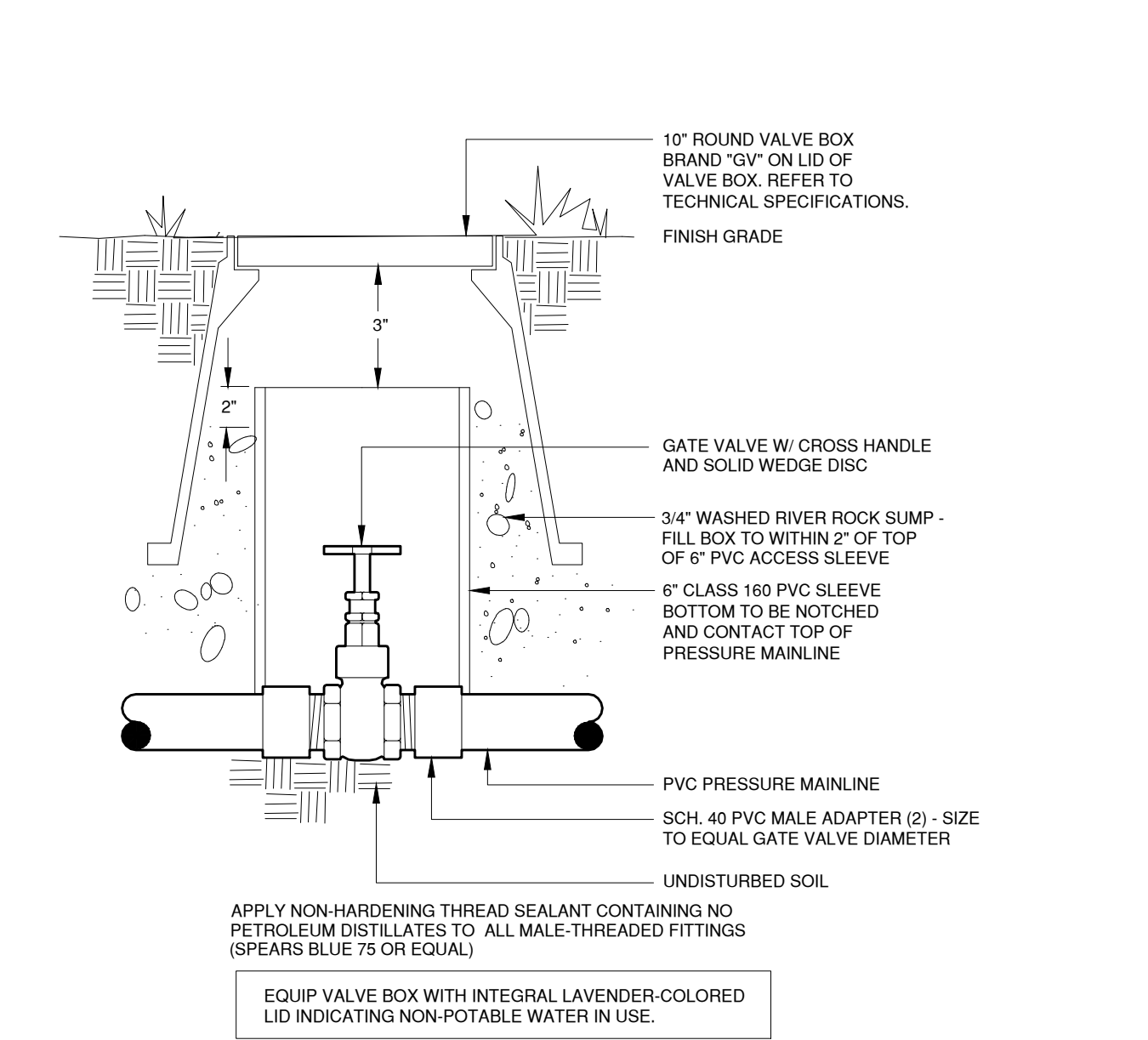
ELECTRIC CONTROL VALVE



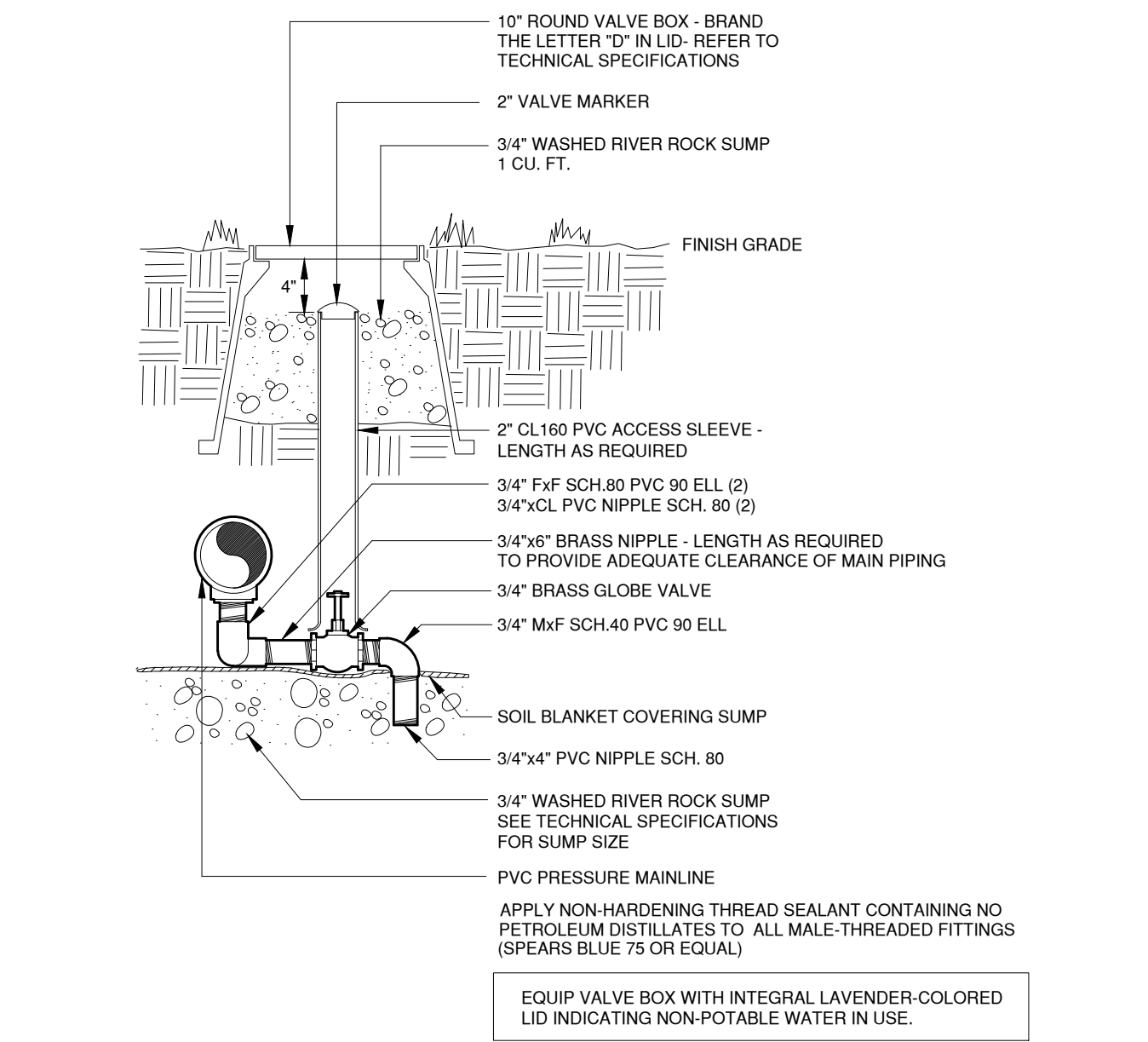
QUICK COUPLING VALVE



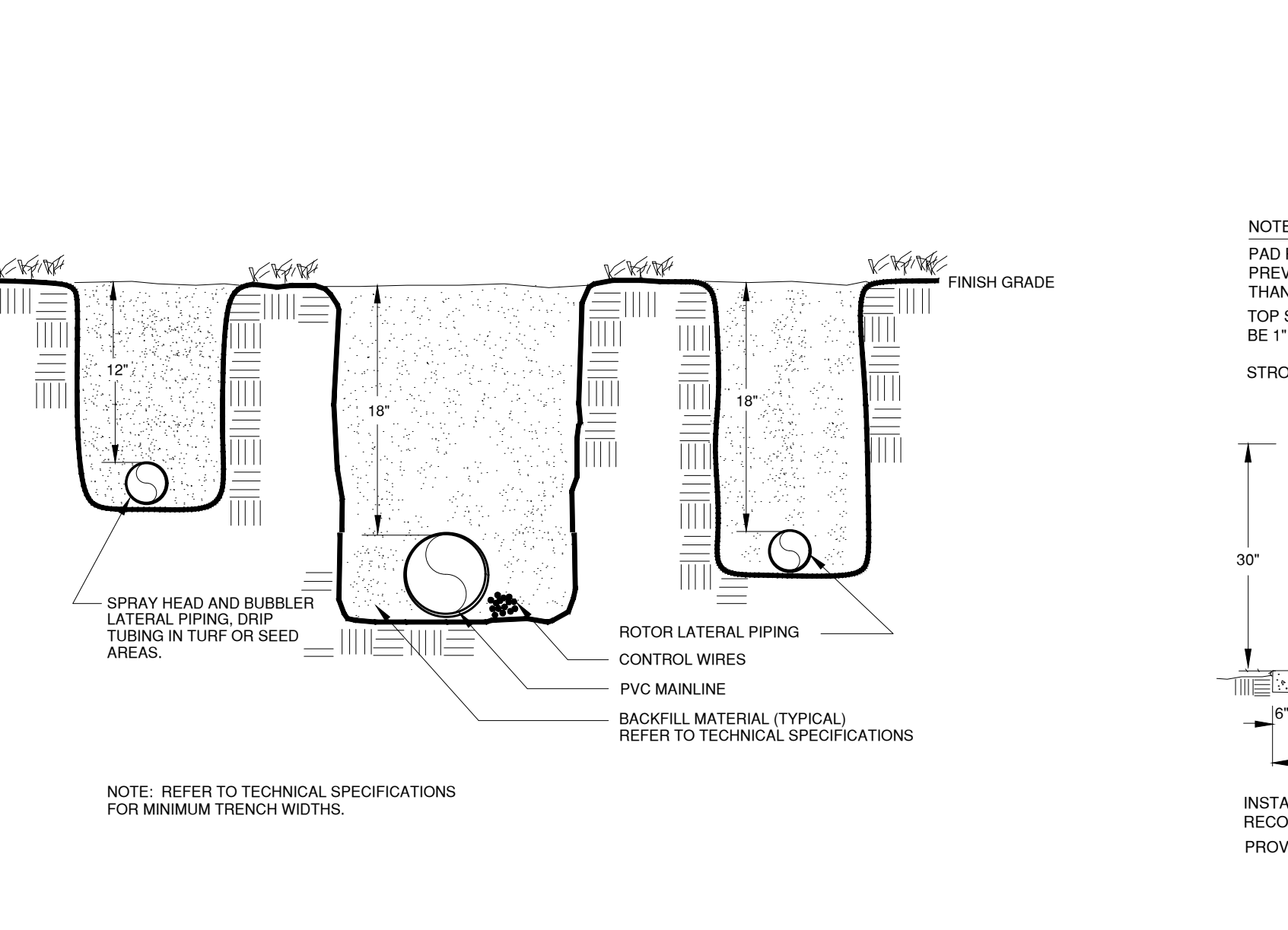
MASTER VALVE



GATE VALVE



MANUAL DRAIN VALVE



TRENCH

### Irrigation Construction Notes

- ALL BASE INFORMATION HAS BEEN TAKEN FROM DRAWINGS PREPARED BY DHM DESIGN.
- REFER TO TECHNICAL SPECIFICATIONS AND CONSTRUCTION DETAILS FOR INSTALLATION PROCEDURES.
- CONTRACTOR SHALL FIELD VERIFY PRESSURE AT BACKFLOW PREVENTER LOCATION FOR EACH TAP PRIOR TO ORDERING MATERIALS OR STARTING ANY IRRIGATION INSTALLATION. NOTIFY CONSULTANT OF ANY DIFFERENCES FROM STATED PRESSURE. IF CONTRACTOR FAILS TO NOTIFY CONSULTANT HE ASSUMES FULL RESPONSIBILITY FOR ANY SYSTEM ALTERATIONS. EACH SYSTEM HAS BEEN DESIGNED FOR A STATIC PRESSURE OF 90 PSI (PER TOWN).

TAP LOCATION/NUMBER	REQUIRED PRESSURE
1	62 PSI

- CONTRACTOR SHALL COORDINATE INSTALLATION OF SLEEVING WITH INSTALLATION OF CONCRETE FLATWORK AND PAVING. ALL SLEEVING IS BY CONTRACTOR UNLESS OTHERWISE NOTED. UNLESS NOTED OTHERWISE ON IRRIGATION PLANS INSTALL SLEEVING BASED ON SLEEVE SIZING GUIDE BELOW:

PIPE SIZE OR WIRE QUANTITY	REQUIRED SLEEVE
3/4" - 1" PIPING	1-2" PVC SLEEVE
1-1/2" - 2" PIPING	1-4" PVC SLEEVE
1-25 CONTROL WIRES	1-2" PVC SLEEVE

NOTE: EACH LENGTH OF SLEEVED PIPE SHOWN SHALL BE ROUTED THROUGH SEPARATE SLEEVE. IRRIGATION WIRE BUNDLE SHALL BE ROUTED IN SEPARATE SLEEVE/CONDUIT WITHOUT IRRIGATION PIPING
- WHERE NOT NOTED ON IRRIGATION PLANS CONTRACTOR TO INSTALL PLASTIC 15 SERIES NOZZLES ON POP-UP SPRAY HEADS SPACED GREATER THAN 12 FEET. INSTALL 12 SERIES NOZZLES ON POP-UP SPRAY HEADS SPACED 8-10 FEET. INSTALL 10 SERIES NOZZLES ON ALL POP-UP SPRAY HEADS SPACED 8-10 FEET. INSTALL 8 SERIES NOZZLES ON POP-UP SPRAY HEADS SPACED 8 FEET AND LESS.
- REFER TO PLANTING PLAN FOR EXACT TREE LOCATIONS AND QUANTITIES, TREES SHOWN ON IRRIGATION PLANS ARE APPROXIMATE.
- CONTRACTOR SHALL REPAIR OR REPLACE ANY EXISTING IRRIGATION EQUIPMENT, TURF, PLANT MATERIAL OR SITE FEATURES DAMAGED DURING NEW INSTALLATION. REPLACEMENT OR REPAIR OF DAMAGED EQUIPMENT OR MATERIAL SHALL BE DETERMINED BY THE OWNER AND THE CONSULTANT.
- VALVE BOXES SHALL BE LOCATED 36" MINIMUM FROM CENTERLINE OF ALL SWALES, 24" MINIMUM FROM EDGES OF ALL WALKS, CURBS, DRIVES AND OTHER HARD SURFACE AREAS.
- REFER TO IRRIGATION TECHNICAL SPECIFICATIONS FOR PLANTING AND IRRIGATION LAY-OUT REQUIREMENTS, COORDINATION AND PRIORITIES.
- LATERAL PIPING DIAMETERS SHALL INCLUDE 1", 3/4" AND 1 1/4" DIAMETER LATERAL PIPE IS NOT ACCEPTABLE.
- ALL IRRIGATION PIPING AND WIRING UNDER WALKS AND STREETS SHALL BE INSTALLED WITHIN SLEEVES.

NOTES  
PAD PENETRATIONS FOR BACKFLOW PREVENTER RISERS TO BE 1" LARGER THAN RISER DIAMETER  
TOP SURFACE OF CONCRETE PAD SHALL BE 1" ABOVE FINISH GRADE.

BFP MODEL/SIZE	ENCLOSURE MODEL	X	Y
FEBCO 825YA 3/4" & 1"	SBBC-22AL	22"	34"

STRONGBOX ENCLOSURE

INSTALL ENCLOSURE ANCHORS AS PER MANUFACTURER'S RECOMMENDATIONS.  
PROVIDE OWNER WITH KEYPAD LOCK FOR ENCLOSURE

BACKFLOW ENCLOSURE

# DHM DESIGN

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## Ridgway Heritage Park

### Phase 1 - 90% Landscape and Irrigation CDs

150 Racecourse Road, Ridgway Colorado, 81432

PROJECT NUMBER: 19198.00  
DATE: 06/28/2019

DESIGNED: DZ  
DRAWN: DZ  
CHECKED: DZ

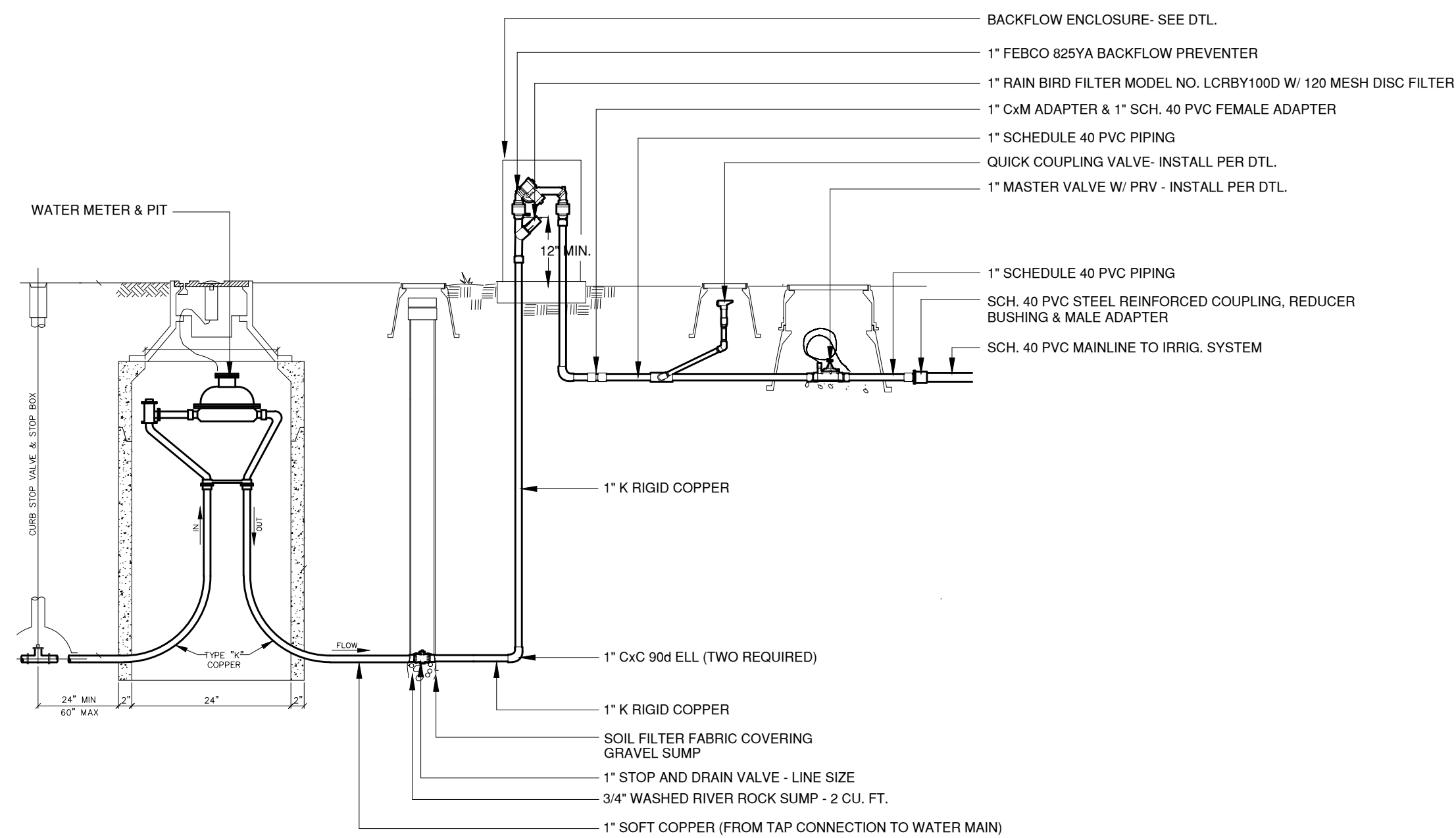
REVISIONS:

JOB DESCRIPTION:  
90% Construction Documents

SHEET TITLE:  
IRRIGATION DETAILS

SCALE: N.T.S.  
SHEET NUMBER:  
11.2

SHEET - OF -



## POINT OF CONNECTION

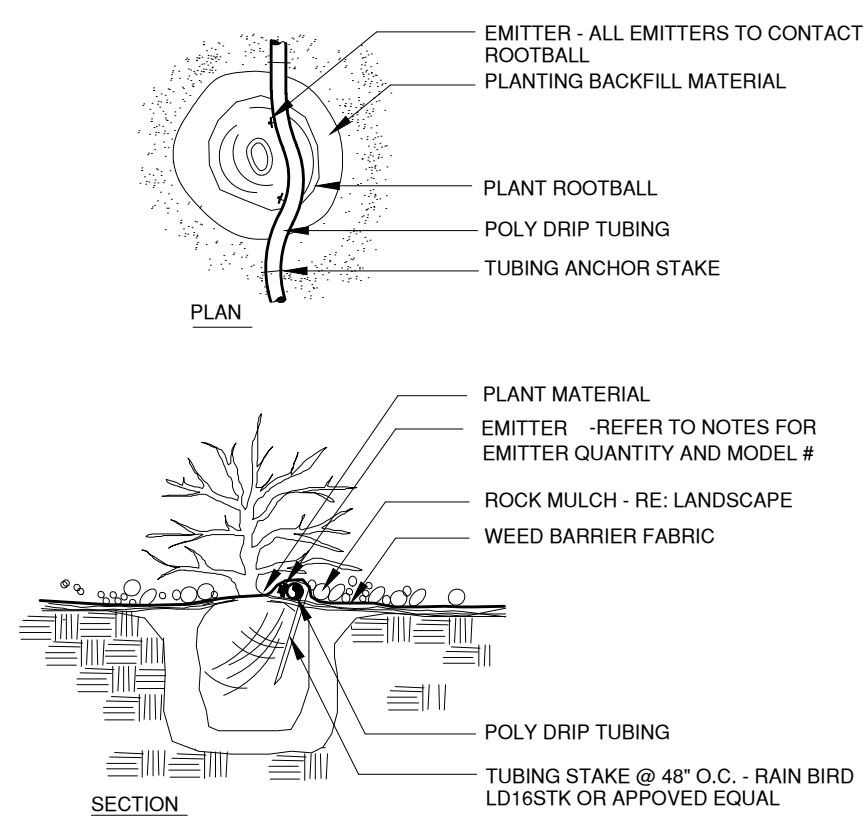
11

## ELECTRIC CONTROLLER

12

DRIP LINE FLUSH-OUT AND  
OPERATIONAL INDICATOR

13

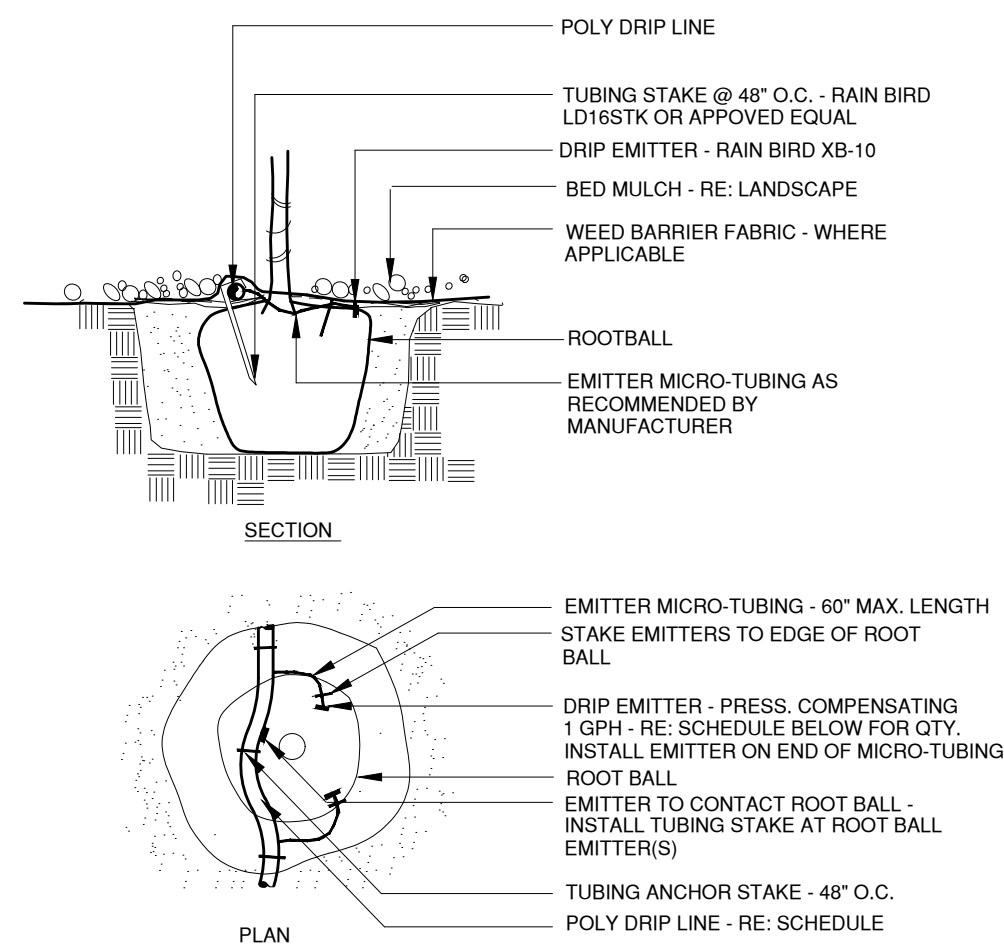


NOTE:

INSTALL EMITTERS ON OPPOSING SIDES OF ROOTBALL.  
FLUSH ALL LINES THOROUGHLY PRIOR TO EMITTER INSTALLATION.  
IF PLANTING ON A 4:1 SLOPE OR GREATER, INSTALL EMITTERS ON UPHILL  
SIDE OF ROOTBALL.

INSTALL TWO 1/2 GPH EMITTERS PER 5 GAL. SHRUB, ONE 1/2 GPH EMITTER PER 1 GAL. PLANT

## SHRUB AND VINE PLANTINGS IN BED AREAS



NOTE:

INSTALL EMITTERS EQUALLY AROUND ROOTBALL. EMITTERS SHALL  
BE INSTALLED TO CLEAR FINISHED GRADE BY A MINIMUM OF 1"  
AND A MAXIMUM OF 2". FLUSH ALL LINES THOROUGHLY,  
INCLUDING EMITTER TUBING, PRIOR TO INSTALLING EMITTERS.  
IF PLANTING ON A 4:1 SLOPE OR GREATER, INSTALL EMITTERS ON UPHILL  
SIDE OF ROOTBALL.

## EMITTER SCHEDULE

1 1/2" CAL. TREE	THREE 1 GPH EMITTERS
2" CAL. TREE	FOUR 1 GPH EMITTERS
2 1/2" CAL. TREE	SIX 1 GPH EMITTERS
3" CAL. TREE	EIGHT 1 GPH EMITTERS
4" CAL. TREE	TWELVE 1 GPH EMITTERS

## TREE PLANTINGS IN BED AREAS

EMITTERS TO BE NETAFIM SP SERIES, PRESSURE-COMPENSATING,  
CONTINUOUS SELF-CLEANING ACTION WITH SELF-PIERCING BARB.

## DRIP EMITTER

14

REVISIONS:

JOB DESCRIPTION:  
90% Construction  
DocumentsSHEET TITLE:  
IRRIGATION DETAILSSCALE: N.T.S.  
SHEET NUMBER:

11.3

SHEET - OF -