



18320 LA HWY 42
Port Vincent, LA 70726
225.698.1600
info@quesla.com
www.quesla.com

August 29, 2023

ADDENDUM NUMBER ONE

RE: **Butch Gore Park Renovations**
14550 Harry Savoy Road
St. Amant, Louisiana 70774

The following items shall be considered part of the Contract Documents for the above referenced project and shall take precedence over any conflicting statements contained therein. Revise all other notes, schedules, details, etc. as required.

General:

1. Mandatory Pre-Bid Meeting

A mandatory pre-bid meeting was held at the project site on August 22, 2023, at 8:00am. A copy of the pre-bid sign-in sheet and minutes of the meeting have been attached for your reference.

2. Tax Exempt Status

All bidders shall bid without the sales/use tax included for purchases of component construction materials, taxable services and leases and rentals of tangible personal property (hereinafter referred to as "materials/supplies") for which they will be willing to furnish copies of invoices to Ascension Parish Government. The successful contractors and subcontractors will be named as contractor-agents of Ascension Parish Government under Louisiana R.S. 47:301(8) © in order to allow exemption of sales and use taxes for materials/supplies needed. A copy of Louisiana Department of Revenue Form R-1020 is attached for your use.

Drawings:

3. Refer to Drawing L1.1 – Geometric Layout Plan

Refer to the attached revised sheet L1.1 for revisions to items related to additional information for pre-engineered restroom building.

4. Refer to Drawing L7.0 – Details

Refer to the attached revised sheet L7.0 for revisions to add material schedule to sheet.



5. Refer to Drawing L7.3 – Restroom Details

Refer to the attached revised sheet L7.3 for revisions to correct erroneous phone number listed for restroom vendor.

6. Refer to Drawing L9.0 – Irrigation Layout Plan

Refer to the attached revised sheet L9.0 for revisions to irrigation head layout, and product data.

7. Refer to Drawing L9.1 – Irrigation Plan Enlargement

Refer to the attached revised sheet L9.1 for revisions to irrigation head layout, and product data.

8. Refer to Drawing L9.2 – Irrigation Details

Refer to the attached revised sheet L9.2 for revisions to irrigation valve schedule and critical analysis.

Specifications:

9. Specification Section 133400 – Fabricated Engineered Structures

Delete line "G" of Sub-Section 2.10 Electrical (or Accepted Substitution) which reads: "Each restroom shall receive one high speed, energy efficient, ADA compliant, vandal resistant World Slimdri hand dryer with built in automatic activation. Color to be White."

Additional Clarification and RFI Response Items:

10. Question: Is this project tax exempt?

Yes, this project will be tax exempt. See general note #2 of this addendum for additional information.

11. Question: What is the engineers estimate for this project? Base, Alt 1, Alt 2, and Alt 3?

The opinion of probable construction cost for the project ranges between \$1,602,000.00 for the base bid to \$2,089,000.00 for base bid and alternate no. 1 to \$1,892,000.00 for base bid and alternate no. 2 to \$1,673,000.00 for base bid and alternate no. 3.

12. Question: Who will pay for testing? Owner or contractor?

Bidders shall refer to Specification Section 014000 – Testing Laboratory Services for information and specifics related to construction and material testing.

13. Question: Clarify if the entire 3" water line/6" sewer line or just a portion be included in the alt 1 scope? There is a portion of water and sewer lines that goes under new parking and or new paved areas in base bid?

The only portion of the water line that is a part of Alternate No. 1 scope is the connection to the restroom building. The remaining water line should be priced within the base bid work. All the sanitary sewer line is a part of Alternate No. 1.

14. Question: Will owner want to retain any excess excavation or broken concrete from this project?

All broken concrete included within the project demolition shall be hauled off site and disposed of in a legal manner. All soil and soil-like materials shall be hauled to the Ascension Parish DPW yard at 42077 Churchpoint Road, Gonzales, LA 70737.

15. Question: Clarify what parts of work that will need to be completed for the partial substantial completion deadline?

The portions of the project needed to be complete for the required partial substantial completion are all the vehicular and pedestrian paving to the four fields, all synthetic turf and athletic equipment, all masonry walls and backstop netting systems, as well as associated grading, drainage, water service line, and base bid irrigation. If Bid Alternate No. 3 is awarded, that scope of work would also be required to be completed by the partial substantial completion date.

16. Question: Clarify the alternates to be bid and the products included in the specification sections and drawings related to the synthetic turf base construction?

The alternate synthetic turf base construction is a design alternate, not a bid alternate. Whichever base construction shown can be provided. It is up to the bidder to choose which method they wish to price and install.

17. Question: Will the subgrade under the synthetic turf field areas be lime stabilized?

Once the demolition and excavation for the field base is completed, the construction and material testing lab will take a sample of the subgrade to determine if lime stabilization is required.

18. Question: Is an overflow outlet included for the Permavoid attenuation units of the Alternate Base Construction for the synthetic turf fields?

All recommended components by the manufacturer are to be provided for the alternate base construction for the synthetic turf fields.

19. Question: Is a protective geotextile such as an 8-ounce per square yard nonwoven fabric included under the 20 mil PVC liner of the Alternate Base Construction for the synthetic turf fields?

For the alternate base construction for the synthetic turf fields, bidders shall price all materials recommended by the manufacturer of that system.

Prior Approval Items:

20. Specification Section 321823 – Infilled Synthetic Turf

- **Synthetic Turf**
 - Edge XPL by Sportsgrass is a prior approved manufacturer.
 - Edge XP by Sportsgrass is a prior approved manufacturer.
 - XtremeTurf DXF50 by ACTGlobal is a prior approved manufacturer.

End of Addendum No. 1

BUTCH GORE PARK RENOVATIONS

St. Amant, Louisiana 70774
14550 Harry Savoy Road
QES Project No. 23-055

MANDATORY PRE-BID SIGN-IN SHEET

Pre-Bid Conference Date: Tuesday, August 22, 2023 @ 8:00am

Name:	Company:	Phone:	Email:	Contractor License No.:
Brandon Golsen	Peak	225-229-0490	Brandon.golsen@ymail.com	
Kyle Swire	Aiden Homes	337-590-8519	Kyle.aidenhomes@gmail.com	
JEFF TAYLOR	AMR CONSTRUCTION LLC	(225) 439-2610	PTAYLOR@AMR-CONSTRUCTION.COM	43534
Daniel Deuleman	Athlete Trf Solutions, LLC	(337) 526-7712	daniel@ats-la.com	65017
haura kiper	Act Global	985-400-4775	kipper@actglobal.com	
Rachel Farrar	Ascension Parish	225-8953-7702	Rachel.farrar@gagov.us	
lauren wagner	STANNA construction	225-456-5466	BIDS@STANNAconstruction.net	
Caleb Jones	Jones Construction Solutions	225-348-3410	Bids@JCSBuilds.com	67026
Leon Behr	Sports Edge	912-650-9890	leon-behr@sportsedge.com	
Brent Rodriguez	Utah Valley Est LLC	905-446-2212	bidding@ut-val.com	34263
Katherine Perry	Geo Surfaces	225-721-3366	k.perry@geosurfaces.com	
Steve McLin	McLin Construction	225-435-3004	bid@mcclinconstruction.com	42839
Chen Nix	Kelly Construction Group	225-243-4949	bids@kellyconstructiongroup.com	
Cashy Cochran	Dawnta Const	225-769-2980	Cochran@dwnta.com	43152
Michael King	APG	225-364-1744	michael.king@apg.us	
MICHAEL BERRY	QES	225-698-1600	MBERRY@QESLA.com	
THOMAS TAYLOR	QES	225-698-1600	TTAYLOR@QESLA.com	

[illegible]

August 28, 2023

**Butch Gore Park Renovations
Pre-Bid Meeting Minutes
Project Site – 8:00am**

Attendees:

Ascension Parish Government: Rachael Farrar, Michael King, Devin Russ, Geoff Sanders

Quality Engineering & Surveying, LLC: Michael Petty, Thomas Taylor

Refer to attached sign-in sheet for other attendees.

MEETING MINUTES:

- Michael Petty (Quality Engineering & Surveying) introduces himself and the representatives present from Ascension Parish Government, and Quality Engineering & Surveying (see sign-in sheet attachment).
- Michael Petty reminds all in attendance that today's meeting is a mandatory pre-bid meeting for the subject project and requires everyone to sign in on the circulated sign-in sheet (see attachment).
- Michael Petty details the scope of work for the project:
 - The base bid consists of the replacement of four (4) infields, backstops, partial irrigation, concrete paving, accessible parking, as well as drainage improvements.
 - The project includes a total of three (3) bid alternates including a pre-engineered restroom with associated utilities, a walking trail, as well as outfield irrigation.
- Michael Petty discussed the project schedule with the following specifics:
 - The contractor duration was discussed to be 150 calendar days from the Notice to Proceed.
 - The partial substantial completion date for the playing field scope items will be February 29th, 2024.
- Michael Petty stated the first bid addendum is expected to be issued early during the week of August 28th.
- Michael Petty discussed that all potential bidders should perform any site inspections at the pre-bid meeting.
- Several questions were asked during the pre-bid meeting by potential bidders. These questions are documented within Bid Addendum No. 1.

Minutes Prepared By:
Michael L. Petty, PLA, CLARB
Quality Engineering & Surveying, LLC



_____, an agency of the United States government, or an agency, board, commission, or instrumentality of the State of Louisiana or its political subdivisions, including parishes, municipalities and school boards, does hereby designate the following contractor as its agent for the purpose of making sales tax exempt purchases on behalf of the governmental body:

Name of Contractor		
Address		
City	State	ZIP

This designation of agency shall be effective for purchases of component construction materials, taxable services and leases and rentals of tangible personal property for the following named construction project:

Construction Project	Contract Number
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This designation and acceptance of agency is effective for the period

Beginning Date (mm/dd/yyyy)	End Date (mm/dd/yyyy)
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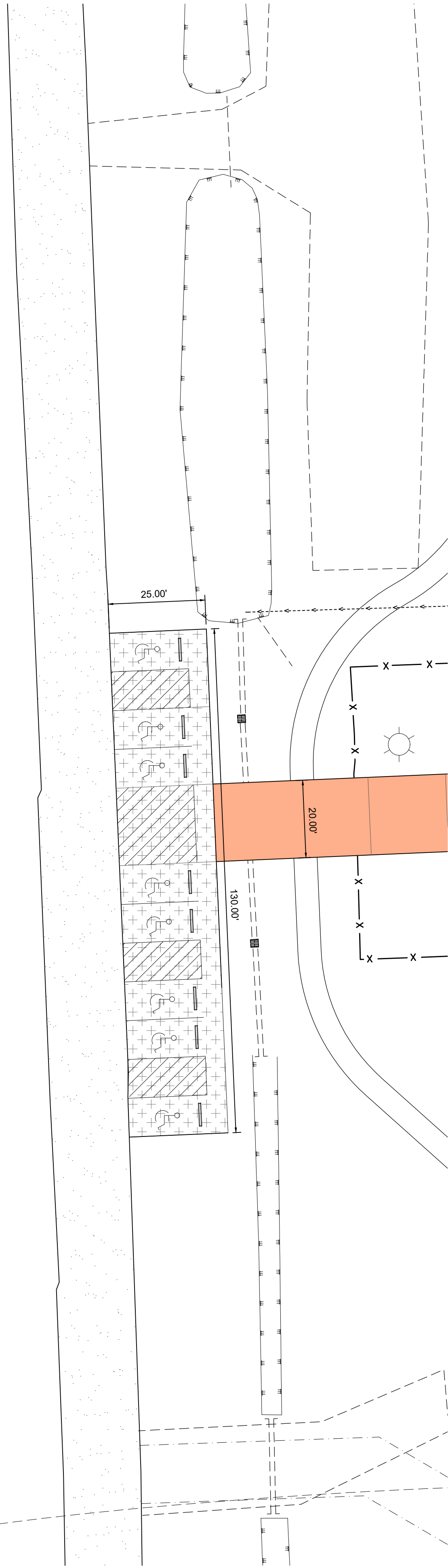
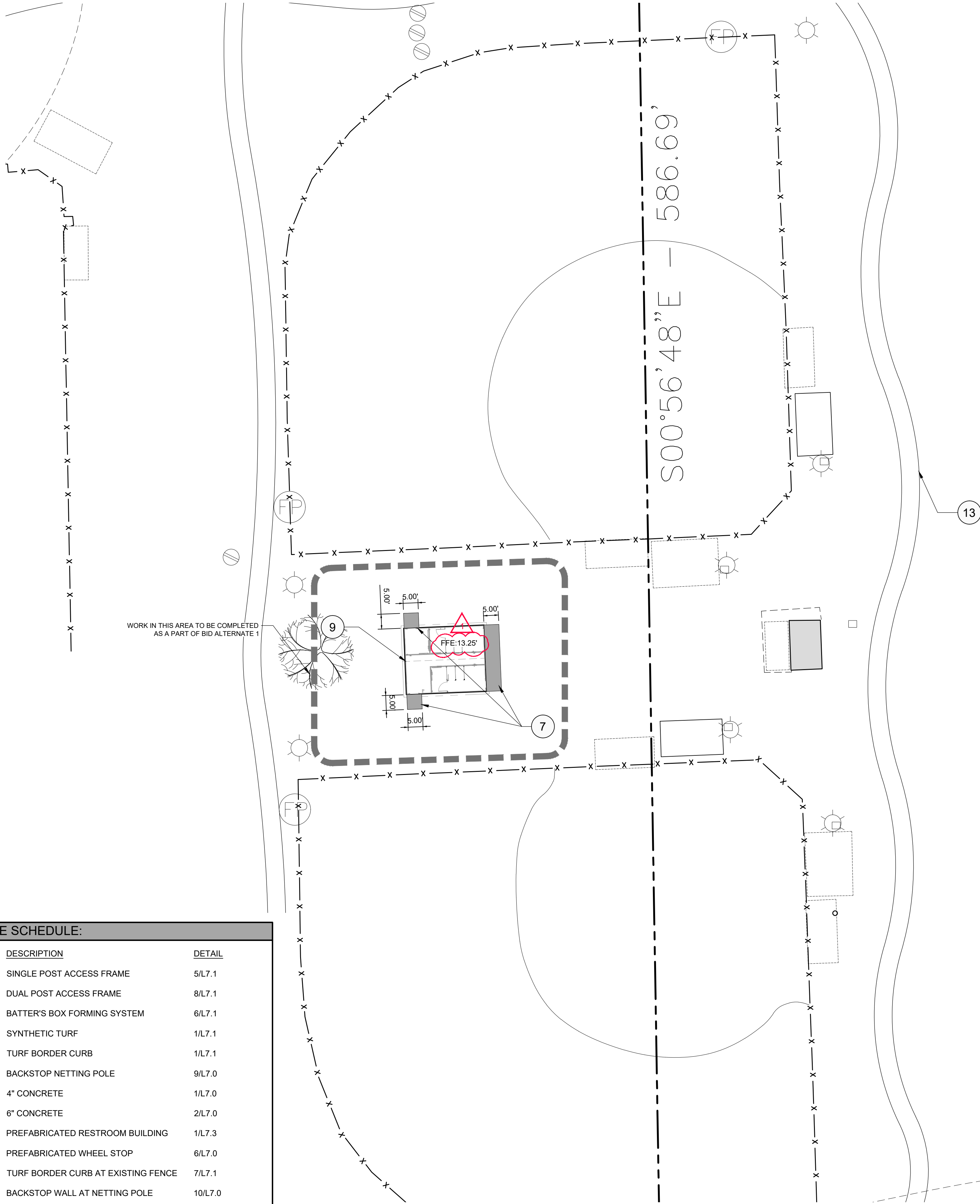
Purchases for the named project during this period by the designated contractor shall be considered as the legal equivalent of purchases directly by the governmental body. Any materials purchased by this agent shall immediately, upon the vendor’s delivery to the agent, become the property of this government entity. This government entity, as principal, assumes direct liability to the vendor for the payment of any property, services, leases, or rentals made by this designated agent. This agreement does not void or supersede the obligations of any party created under any construction contract related to this project, including specifically any contractual obligation of the construction contractor to submit payment to the vendors of materials or services for the project.

This contractor-agent is not authorized to delegate this purchasing agency to others; separate designations of agency by this governmental entity are required for each contractor or sub-contractor who is to purchase on behalf of this governmental entity. The undersigned hereby certify that this designation is the entirety of the agency designation agreement between them. In order for a purchase for an eligible governmental entity through a designated agent to be eligible for sales tax exemption, the designation of agency must be made, accepted, and disclosed to the vendor before or at the time of the purchase transaction.

Designation of Agency			Acceptance of Agency		
Signature of Authorized Designator		Date (mm/dd/yyyy)	Signature of Contractor or Subcontractor Authorized Acceptor		Date (mm/dd/yyyy)
Name of Authorized Designator			Name of Contractor's or Subcontractor's Acceptor		
Name of Governmental Entity			Name of Contractor		
Address			Address		
City	State	ZIP	City	State	ZIP

This designation of agency form, when properly executed by both the contractor and the governmental entity, shall serve as evidence of the sales tax exempt status that has been conferred onto the contractor. No other exemption certificate form is necessary to claim exemption from sales taxes. The agency agreement evidenced by this sales tax exemption certificate must be implemented at the time of contract execution with the governmental entity. The contract between the governmental entity and his agent must contain provisions to authenticate the conferment of agency.

KEY NOTE SCHEDULE:		
SYMBOL	DESCRIPTION	DETAIL
①	SINGLE POST ACCESS FRAME	5/L7.1
②	DUAL POST ACCESS FRAME	8/L7.1
③	BATTER'S BOX FORMING SYSTEM	6/L7.1
④	SYNTHETIC TURF	1/L7.1
⑤	TURF BORDER CURB	1/L7.1
⑥	BACKSTOP NETTING POLE	9/L7.0
⑦	4" CONCRETE	1/L7.0
⑧	6" CONCRETE	2/L7.0
⑨	PREFABRICATED RESTROOM BUILDING	1/L7.3
⑩	PREFABRICATED WHEEL STOP	6/L7.0
⑪	TURF BORDER CURB AT EXISTING FENCE	7/L7.1
⑫	BACKSTOP WALL AT NETTING POLE	10/L7.0
⑬	WALKING TRAIL	3/L7.2



200 0 20 40

SCALE: 1"=20'

BID ADDENDUM 1: 2023-08-28

ADDED FFE LABEL TO PREFABRICATED RESTROOM

BID ALTERNATE 1

ALL WORK ASSOCIATED WITH THE RESTROOM BUILDING, INCLUDING THE BUILDING, UTILITIES, AND ALL SITE WORK IS TO BE ONLY INCLUDED AS A PART OF BID ALTERNATE 1

LEGEND:

PROPOSED 4" CONCRETE

PROPOSED 6" CONCRETE

PROPOSED 6" CONCRETE WITH INTEGRAL COLOR

PROPOSED FIELD BASE

PROPOSED SPOT ELEVATION

PROPOSED INLET ELEVATION

PROPOSED YARD DRAIN

PROPOSED FLOW DIRECTION

PROPOSED CONTOUR

EXISTING CONTOUR

EXISTING SPOT ELEVATION

EXIST. SANITARY SEWER SERVICE LINE

EXIST. OVERHEAD ELECTRIC LINE

EXIST. WATER LINE

EXIST. GAS LINE

EXIST. GRATE INLET

EXIST. DROP INLET

EXIST. JUNCTION BOX

EXIST. SANITARY SEWER MANHOLE

EXIST. SANITARY SEWER CLEAN OUT

EXIST. POWER POLE

EXIST. UTILITY POLE

EXIST. LIGHT POLE

EXIST. FIRE HYDRANT

EXIST. WATER METER

EXIST. WATER VALVE

EXIST. TREE (SIZE/TYPE VARIES)

EXIST. FENCE

EXIST. WOODEN FENCE

UTILITY NOTE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION, DEPTH AND SIZE OF ALL UNDERGROUND UTILITIES AND STRUCTURES AND SHALL BE LIABLE FOR ANY DAMAGE CAUSED BY FAILURE TO COMPLY WITH THESE INSTRUCTIONS.

Louisiana 811

BY LAW, ANYONE PLANNING MECHANIZED DIGGING OR EXCAVATION WORK IN LOUISIANA MUST NOTIFY LOUISIANA ONE CALL BY CALLING 811 OR 1-800-272-3020 OR BY GOING TO THEIR WEBSITE AT WWW.LOUISIANA811.COM AT LEAST TWO FULL BUSINESS DAYS PRIOR TO THE PROJECTS START DATE.

Client: PARISH OF ASCENSION GOVERNMENT 615 E WORTHY ST. GONZALES, LA

Project: BUTCH GORE PARK RENOVATIONS 14550 HARRY SAVOR RD. ST. AMANT, LA

Location: LOCATED IN SECTION 12, TOWNSHIP 14 NORTH, RANGE 3 EAST, SOUTHEASTERN PART OF MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA

Description: DWG Paths: P:\2023 Projects\23-055 - Butch Gore Park Improvements\2 - Landscape Architecture\Drawings\Construction Documents\23-055-00.dwg

Title: GEOMETRIC LAYOUT PLAN

QUALITY ENGINEERING & SURVEYING 18320 Hwy 42, Port Vincent, LA 70775 225.698.1600 www.qesla.com info@qesla.com

STATE OF LOUISIANA
MICHAEL J. KELLEY
No. 10000
Professional Engineer
08/10/23

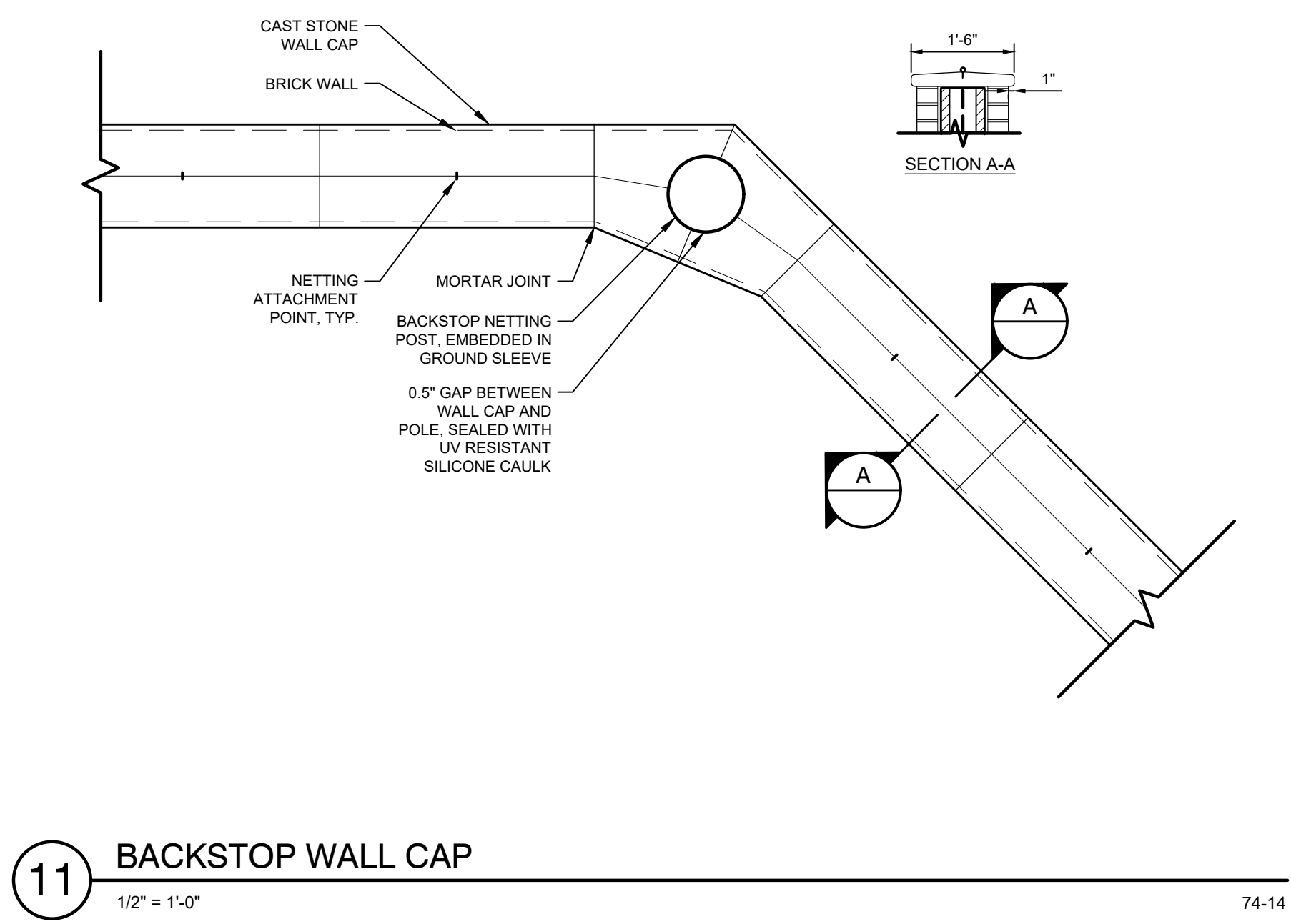
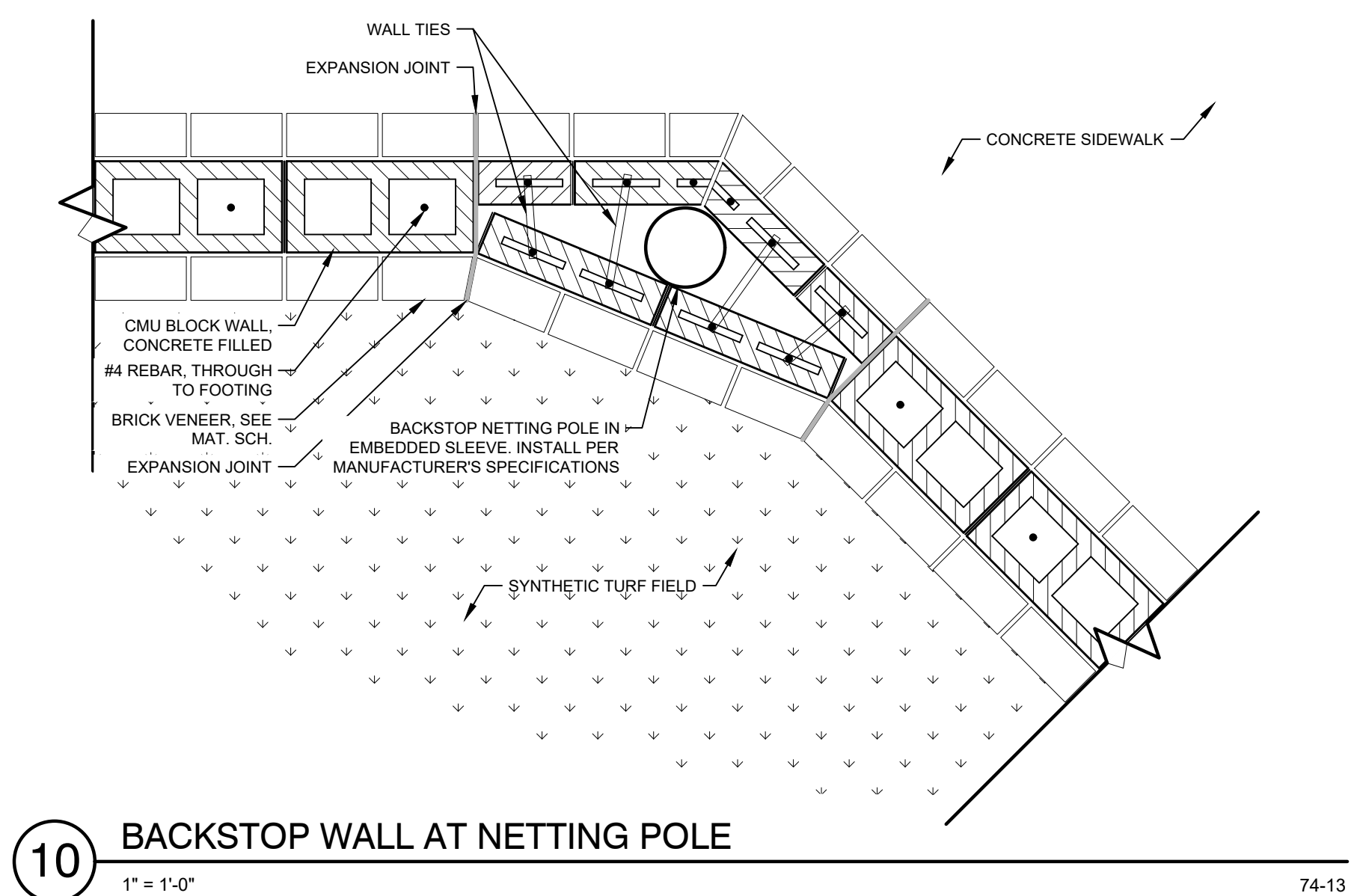
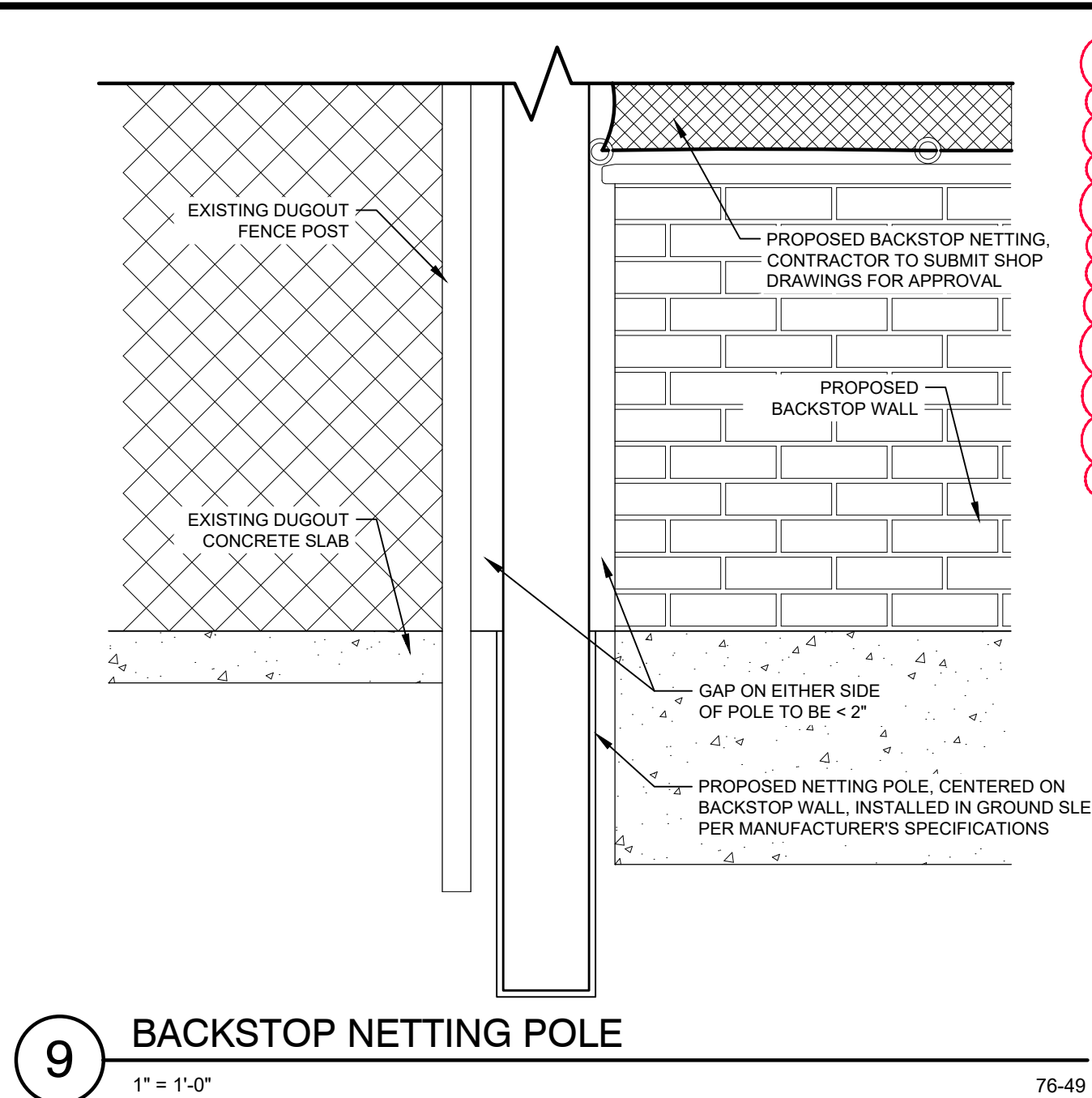
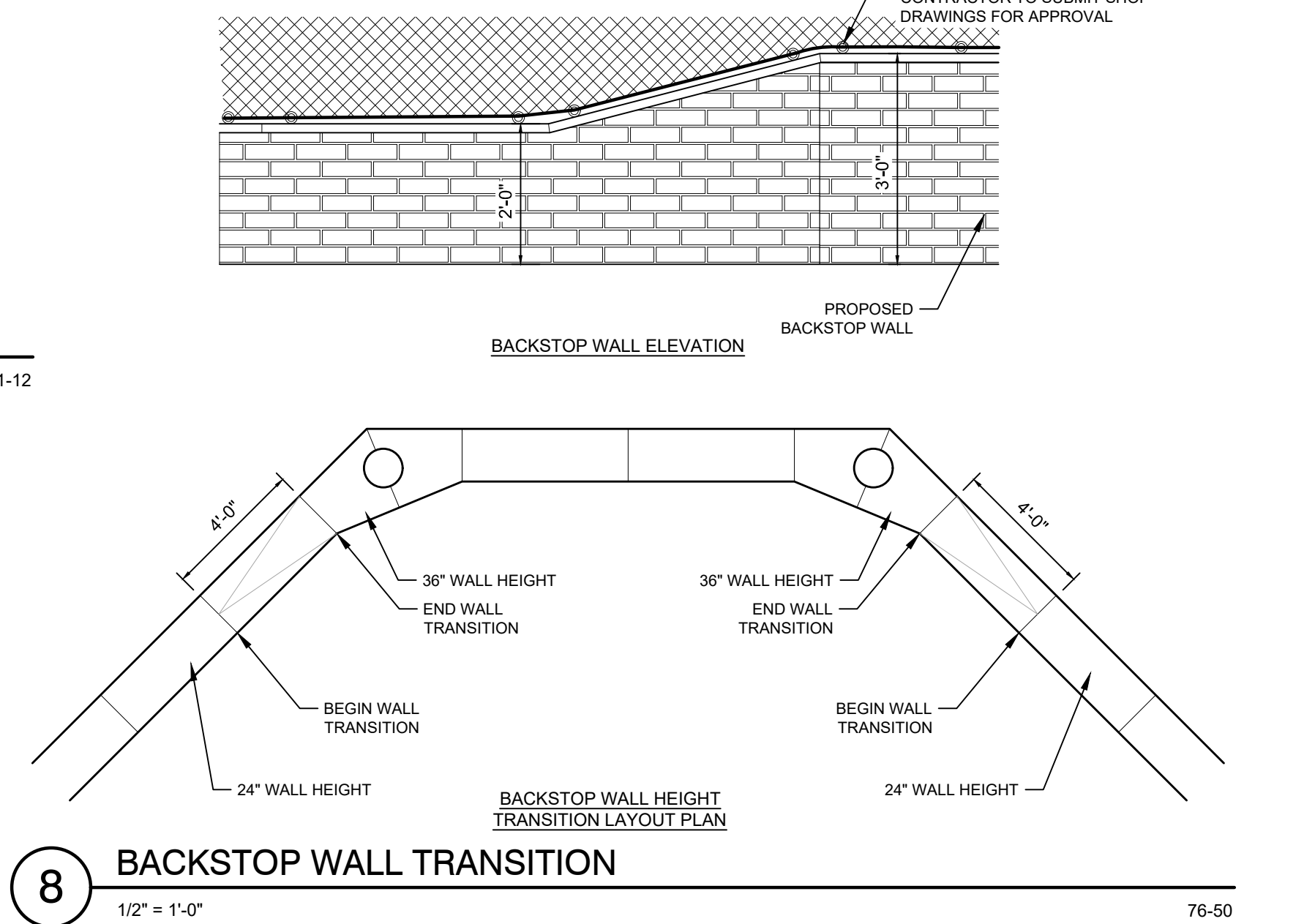
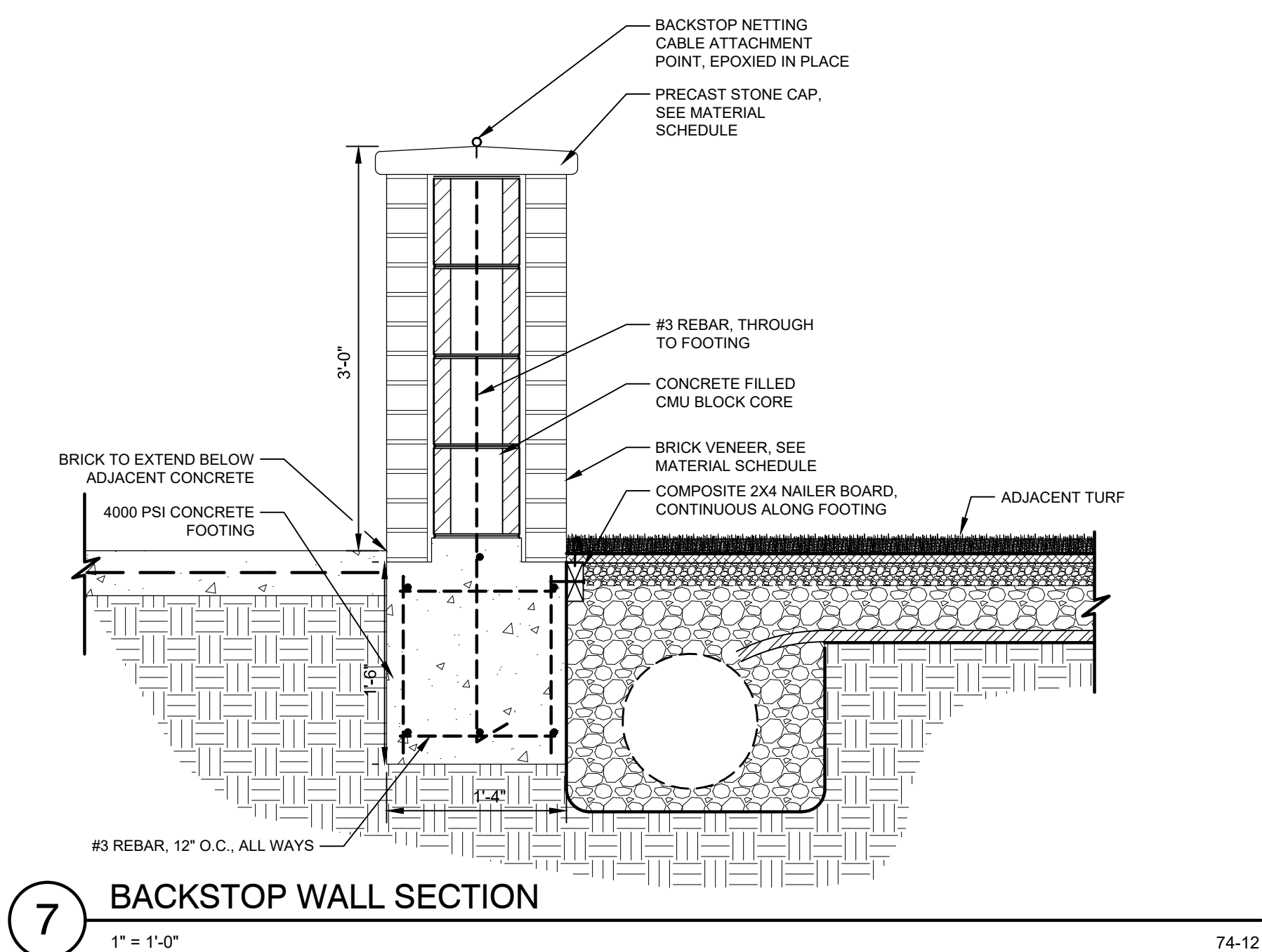
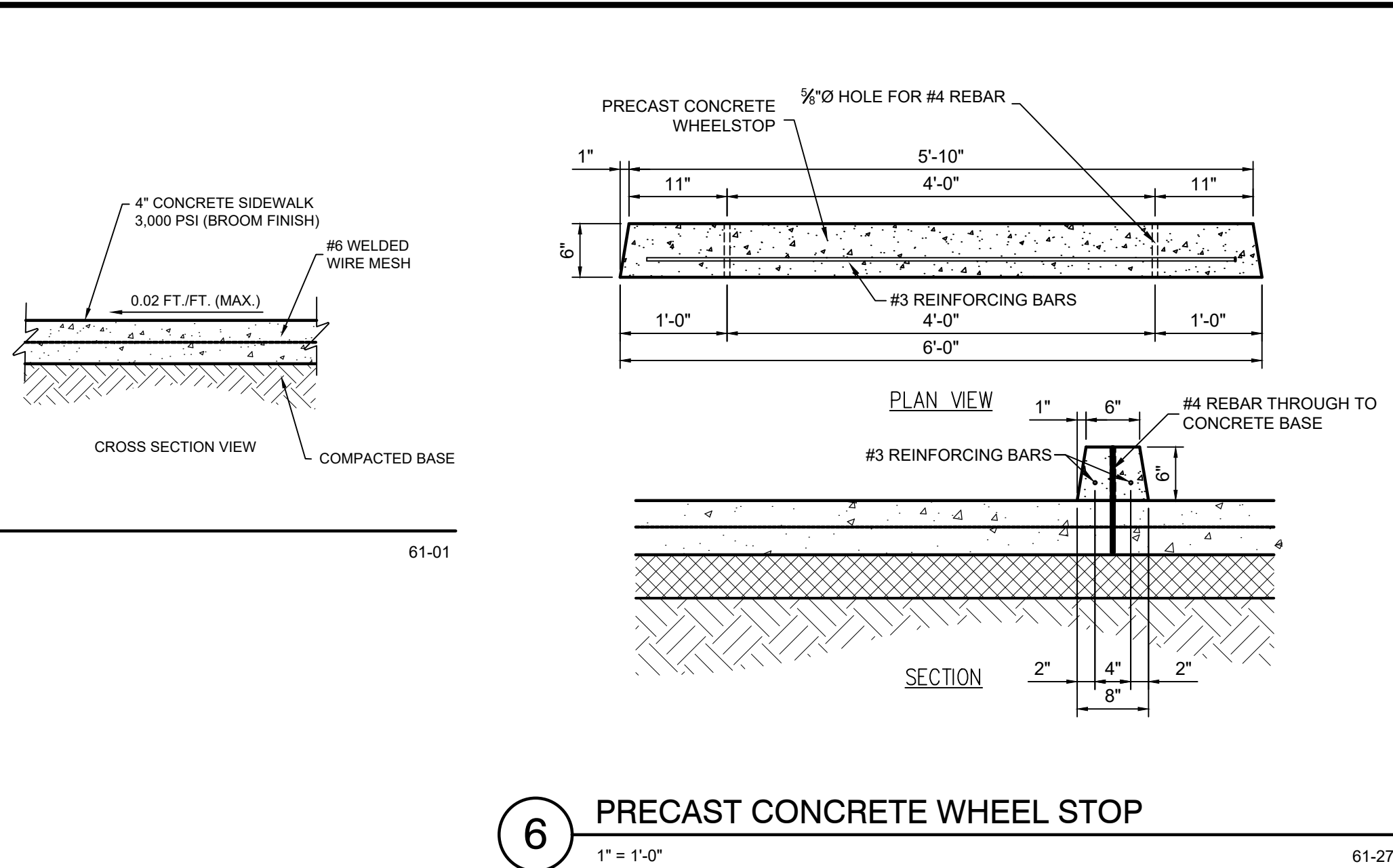
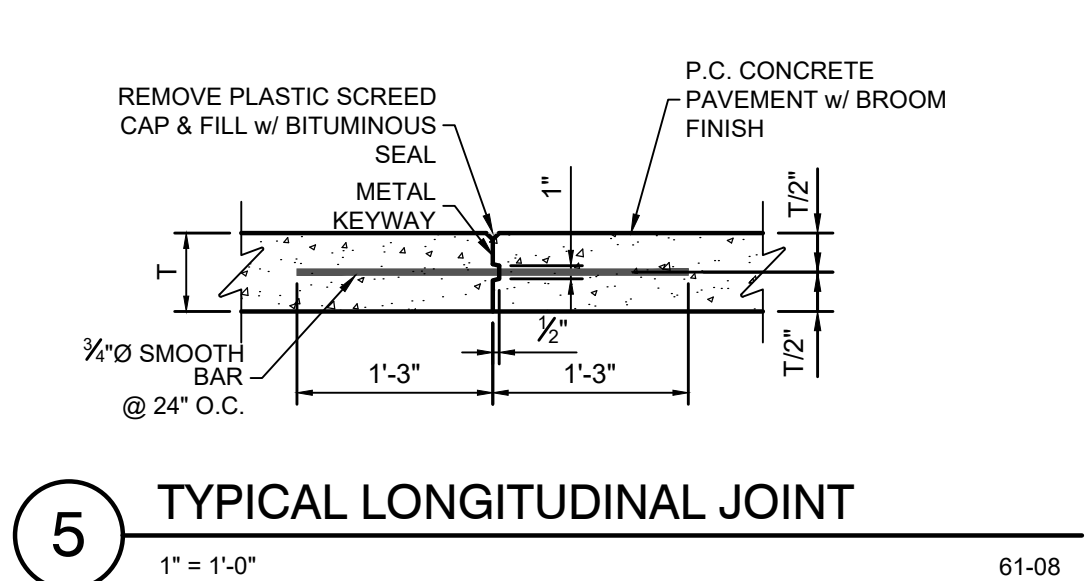
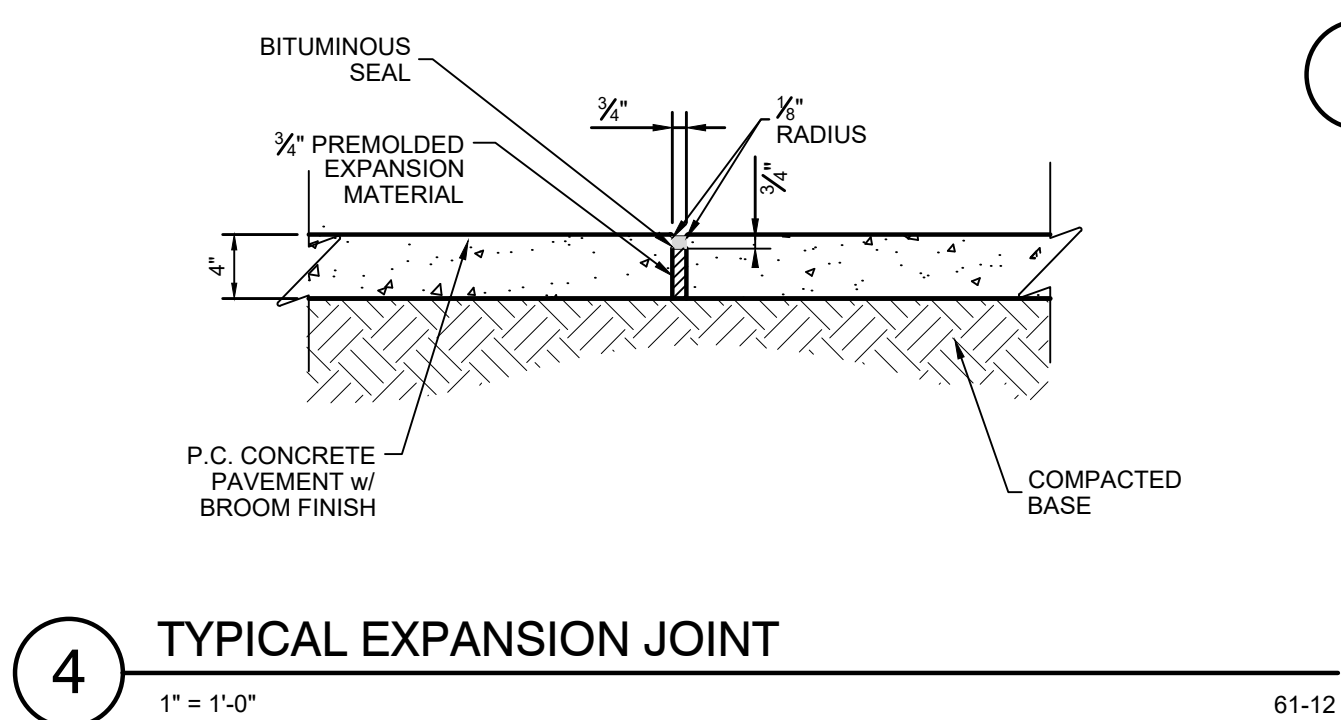
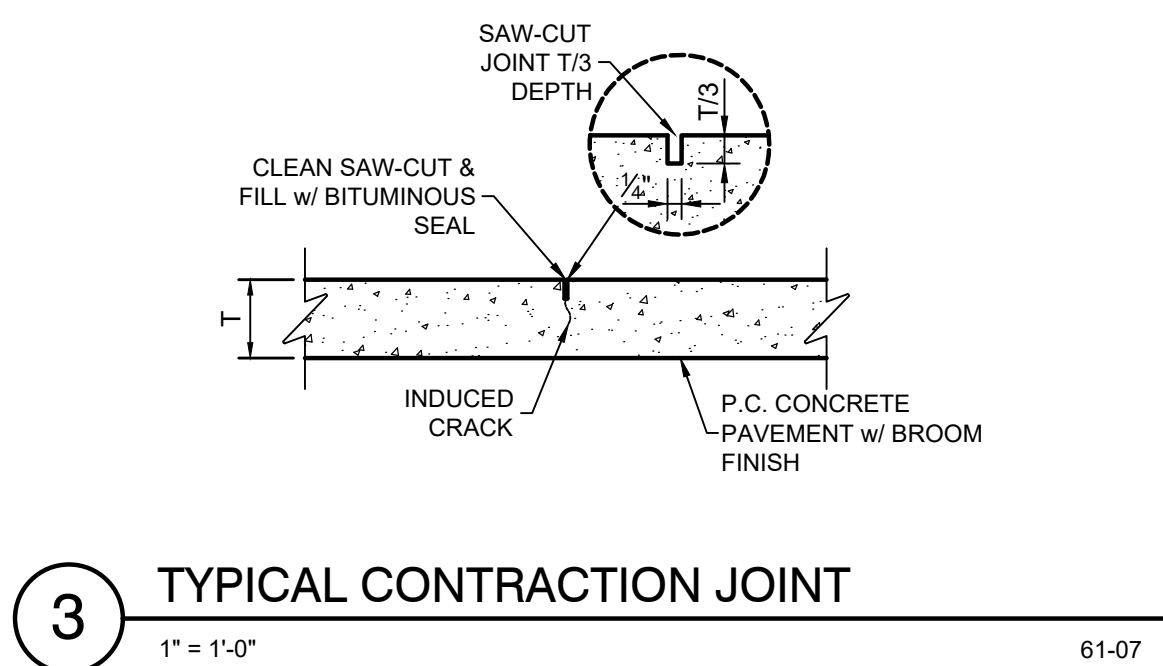
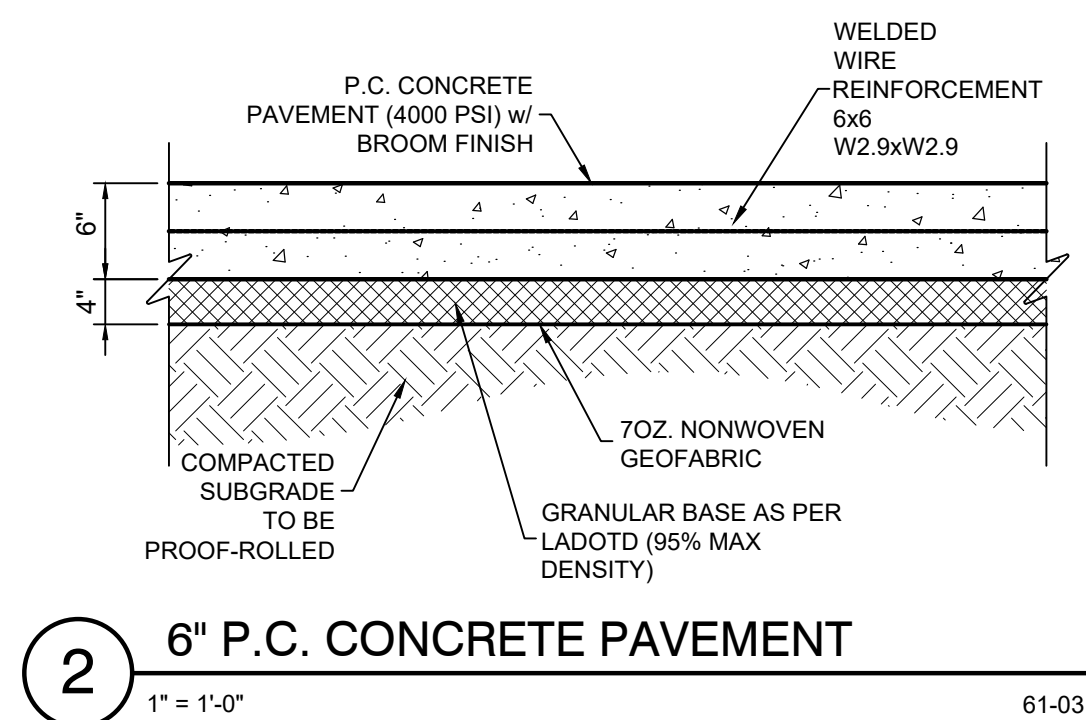
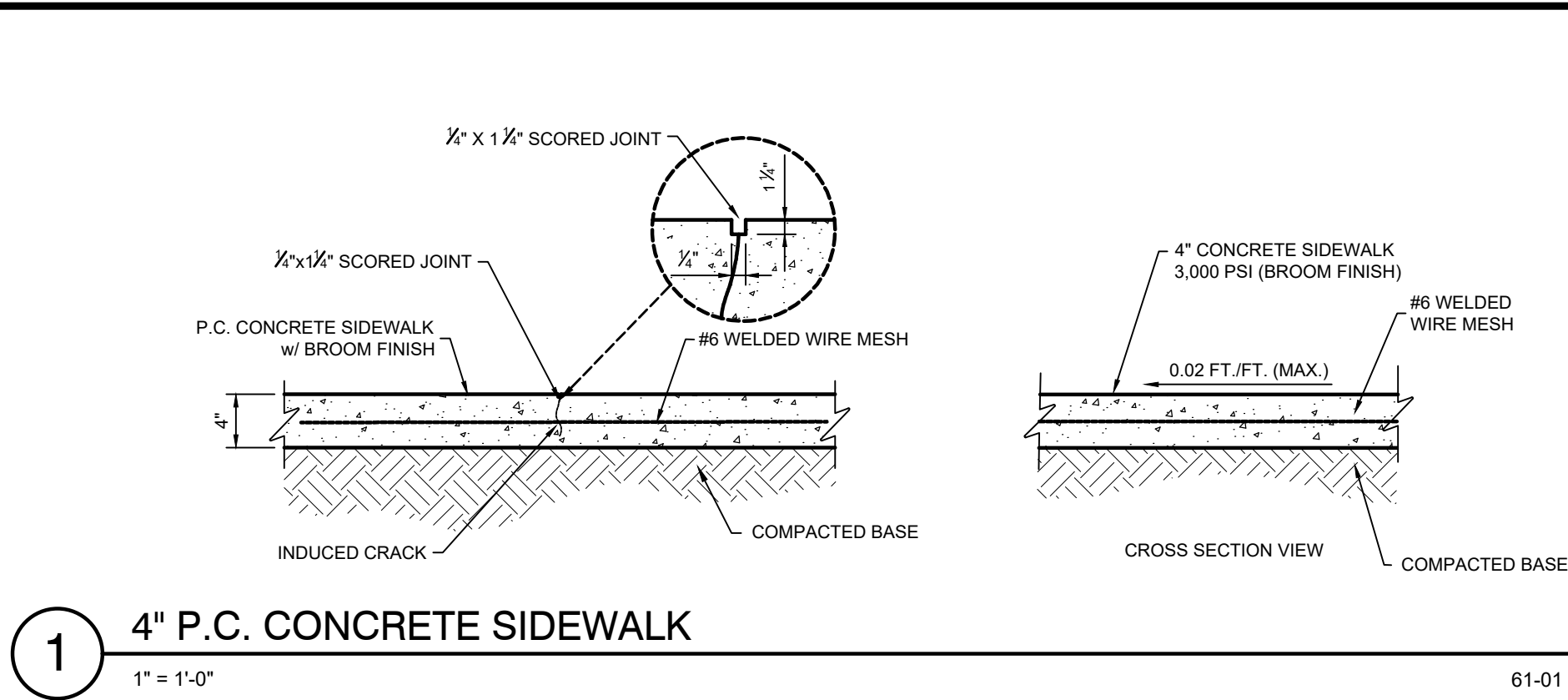
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Drawn By: TT

Date: AUGUST 10, 2023

Project No.: 23-055

Sheets: L1.1



MATERIAL SCHEDULE:

MATERIAL	DESCRIPTION	COLUMN 3
BACKSTOP BRICKS	SIZE: 4x8 MODULAR BRICK COLOR: CHIPPEWA TEXTURE: MATTE	MANUFACTURER: INTERSTATE BRICK RETAILER: ECONOMY BRICK SALES, INC. 225-647-5334
BACKSTOP MORTAR	COLOR: CREAM	MANUFACTURER: CEMEX RETAILER: ECONOMY BRICK SALES, INC. 225-647-5334
BACKSTOP WALL CAP	MODEL NUMBER: T740 COLOR: PORTLAND MODIFICATIONS: ROUNDOVER ON TOP EDGE	MANUFACTURER: HADDONSTONE RETAILER: HADDONSTONE 719-848-4554

NOTE: PRODUCTS LISTED AS BASIS OF DESIGN. ALL MATERIAL SELECTIONS TO BE SUBMITTED TO LANDSCAPE ARCHITECT FOR APPROVAL. ALTERNATIVE MATERIALS MAY BE SUBMITTED AS APPROVED SUBSTITUTE.

Client: **PARISH OF ASCENSION GOVERNMENT**
615 E WORTHY ST.
CONZALEN, LA

Project: **BUTCH GORE PARK RENOVATIONS**
14550 HARRY SAVOY RD.
ST. AMANT, LA

Location: **SECTION 12, TOWNSHIP 14N, RANGE 3 EAST, SOUTHEASTERN PART OF MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA**

Description: **LOCATED IN SECTION 12, TOWNSHIP 14N, RANGE 3 EAST, SOUTHEASTERN PART OF MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA**

DWG Path: **P:\2023 Projects\23-055 - Butch Gore Park Improvements\2 - Landscape Architecture\Drawings\Construction\Drawings\23-055-01.dwg**

Title: **DETAILS**

Stamp: **QUALITY ENGINEERING & SURVEYING**
18320 Hwy 42, Port Vincent, LA 70775
225.698.1600 | www.qesla.com | info@qesla.com

Stamp: **STATE OF LOUISIANA**
Professional Engineer
No. 10000
Exp. 12/31/23

Drawn By: **TT**

Date: **AUGUST 10, 2023**

Project No.: **23-055**

Sheets: **L7.0**

BID ADDENDUM 1 - 2023-08-29

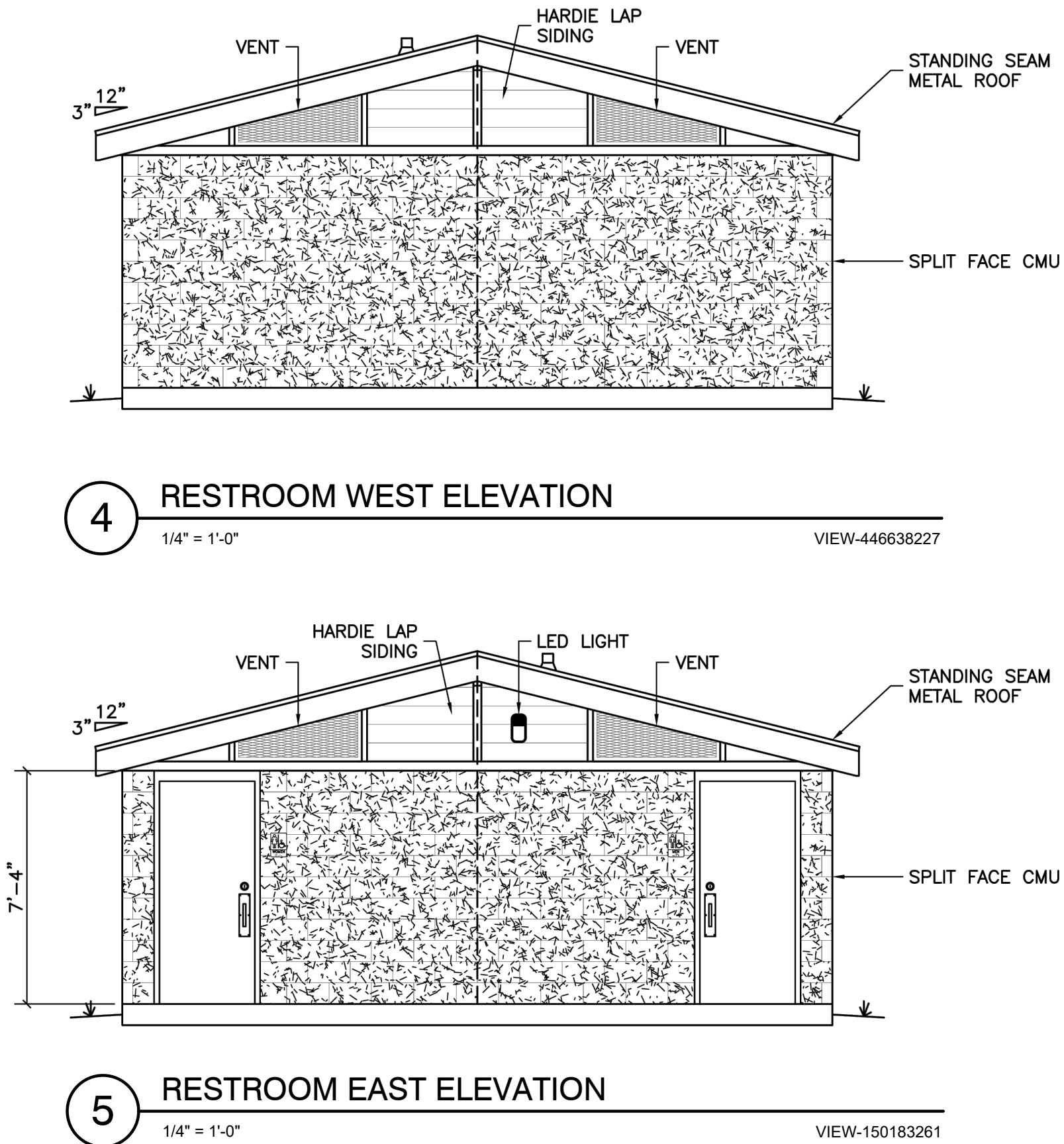
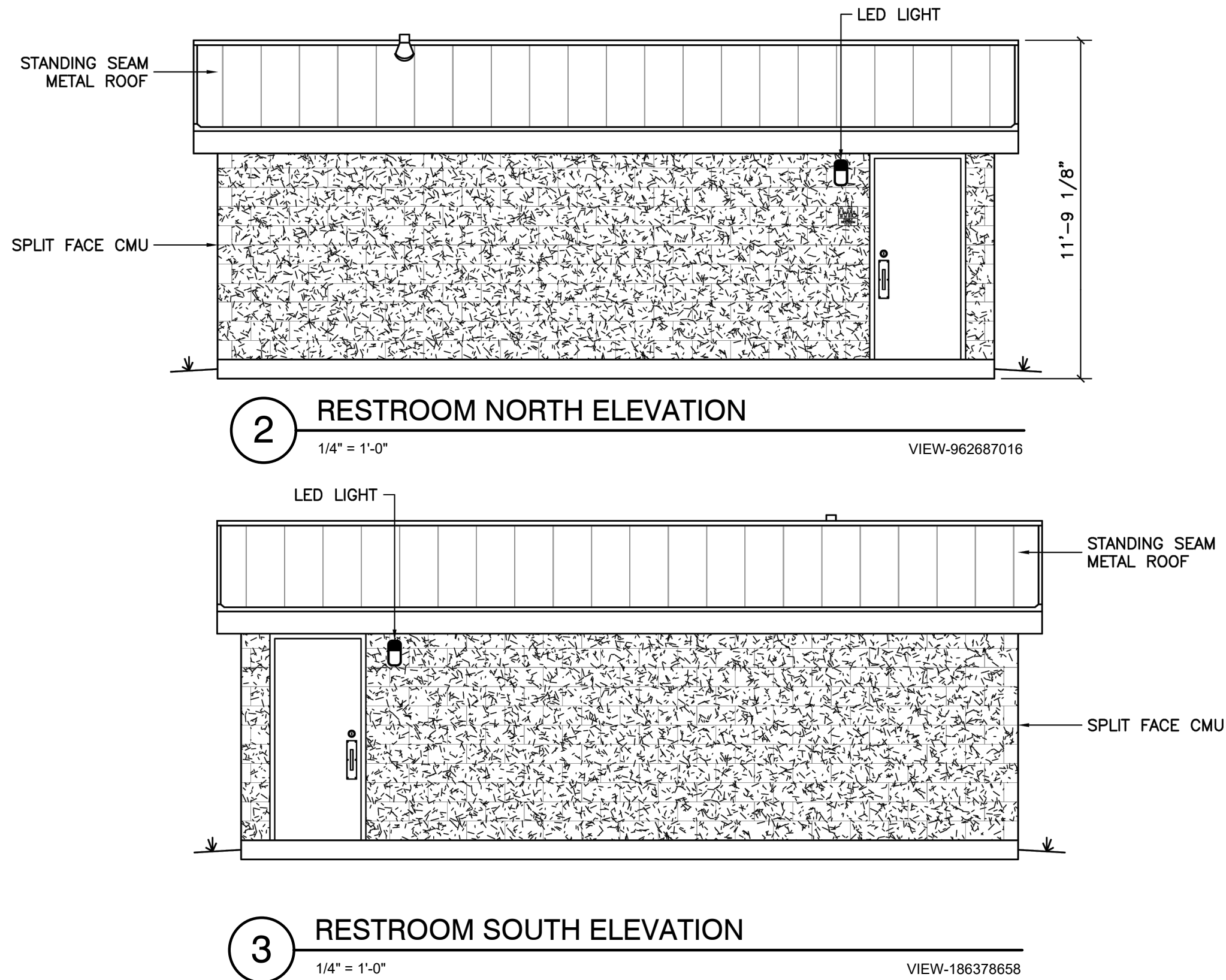
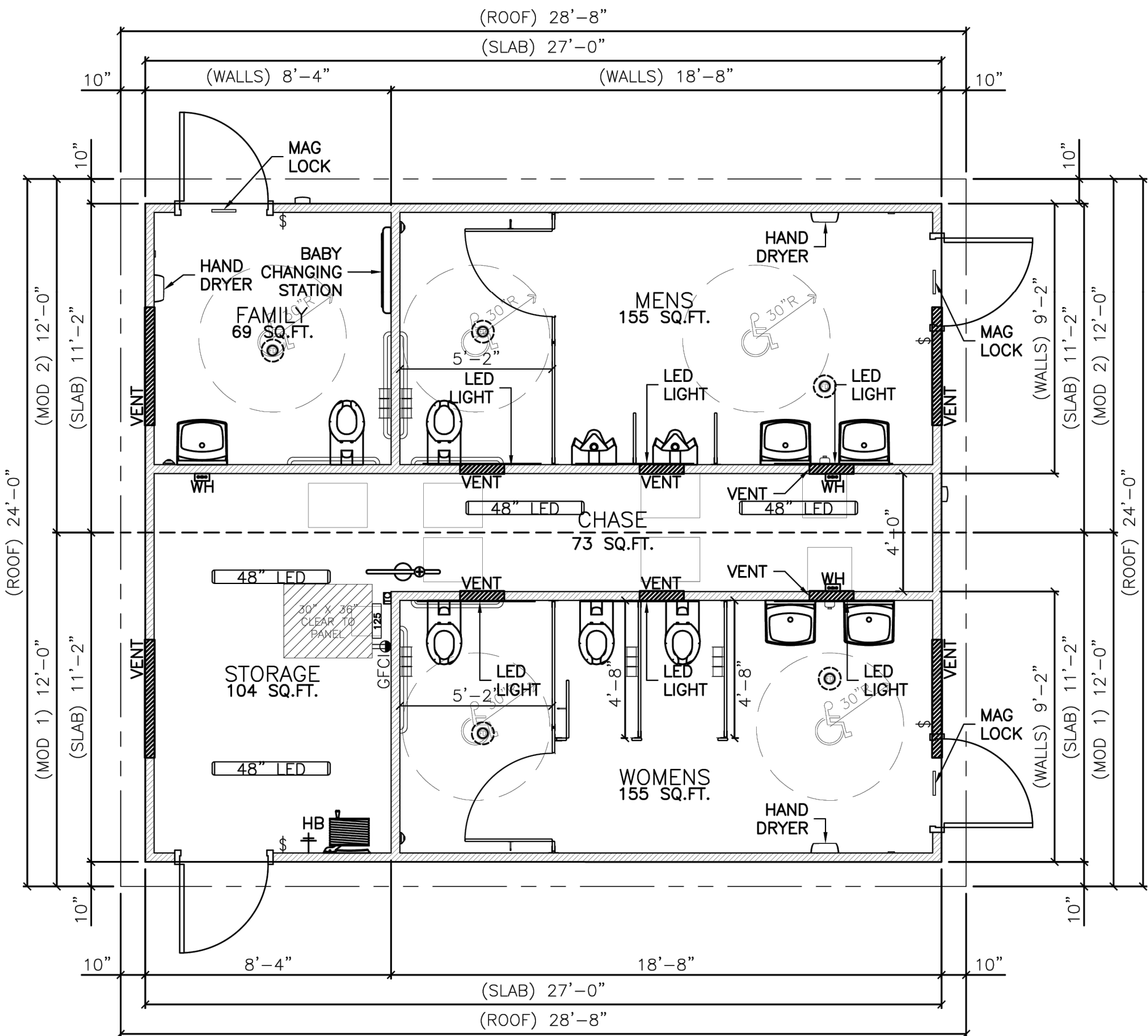
ADDED MATERIAL SCHEDULE

UTILITY NOTE:

THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION, DEPTH AND SIZE OF ALL UNDERGROUND UTILITIES AND STRUCTURES AND SHALL BE LIABLE FOR ANY DAMAGE CAUSED BY FAILURE TO COMPLY WITH THESE INSTRUCTIONS.

Louisiana 811

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1 PREFABRICATED RESTROOM BUILDING PLAN

BASIS OF DESIGN
PRODUCT: CORWORTH RESTROOM FACILITIES

PRODUCT NUMBER: B525ST

CONTACT: BRIAN CRAFT
1-512-222-5454
WWW.CORWORTH.COM

- NOTE:
1. INSTALL PER MANUFACTURER'S INSTRUCTIONS.
 2. CONTRACTOR SHALL PROVIDE STAMPED SHOP DRAWINGS FOR REVIEW AND APPROVAL BY LANDSCAPE ARCHITECT.
 3. CONTRACTOR MAY SUBMIT ALTERNATIVE VENDORS TO BE CONSIDERED AS ACCEPTED SUBSTITUTE.

NOTES:

- 1) PREFABRICATED RESTROOM FACILITY TO BE CONSTRUCTED ONLY AS A PART OF BID ALTERNATE 1
- 2) BUILDING TO BE CONSTRUCTED OFFSITE AND CRANED INTO PLACE.
- 3) MINIMUM 10" OF NATIVE SOIL & ORGANICS TO BE REMOVED FROM RESTROOM SITE.
- 4) CONTRACTOR TO CONSTRUCT BUILDING PAD TO 95% COMPACTION.
- 5) CONTRACTOR SHALL BRING WATER AND ELECTRIC CONNECTIONS WITHIN 5' OF RESTROOM BUILDING PAD PRIOR TO RESTROOM DELIVERY.
- 6) ON DELIVERY OF RESTROOM, CONTRACTOR TO MAKE FINAL UTILITY CONNECTIONS TO FACILITY PRIOR TO RESTROOM BUILDING VENDOR DEMOB.
- 7) RESTROOM BUILDING TO HAVE AN 8" REINFORCED CONCRETE SLAB ATTACHED TO BUILDING ON ARRIVAL

BID ADDENDUM 1 - 2023-08-28

CORRECTED CONTACT INFORMATION

NOTE:
DETAILS ON THIS SHEET ARE SHOWN FOR ILLUSTRATIVE CONCEPT PURPOSES TO SHOW REQUIRED FEATURES OF THE FINAL PRODUCT ONLY. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR RESTROOM FACILITY STAMPED BY LOUISIANA LICENSED ARCHITECT OR ENGINEER.

UTILITY NOTE:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE EXACT LOCATION, DEPTH AND SIZE OF ALL UNDERGROUND UTILITIES AND STRUCTURES AND SHALL BE LIABLE FOR ANY DAMAGE CAUSED BY FAILURE TO COMPLY WITH THESE INSTRUCTIONS.

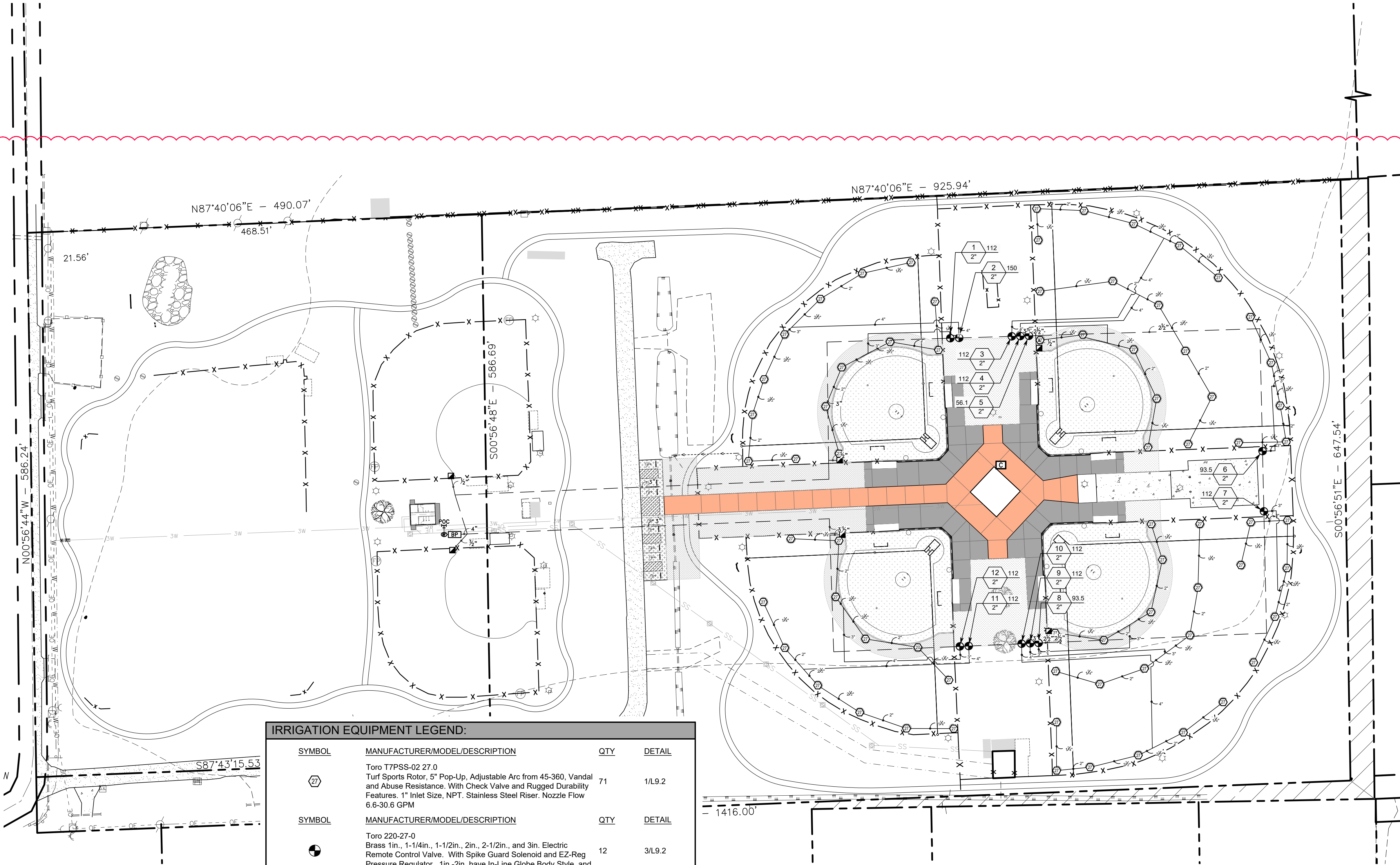


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Client: PARISH OF ASCENSION GOVERNMENT 615 E WORTHY ST. GONZALES, LA	Project: BUTCH GORE PARK RENOVATIONS 14550 HARRY SAVOY RD. ST. AMANT, LA
RESTROOM DETAILS	LOCATED IN: SECTION 12, TOWNSHIP OF BUTCH RANGE 3 EAST, SOUTHEASTERN PART OF MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA
Title:	Description: DWG Path: P:\2023 Projects\23-055 - Butch Gore Park Improvements\2 - Landscape Architecture\Drawings\Construction\Drawings\23-055-01.dwg



Drawn By:	TT
Date:	AUGUST 10, 2023
Project No.:	23-055
Sheets:	L7.3



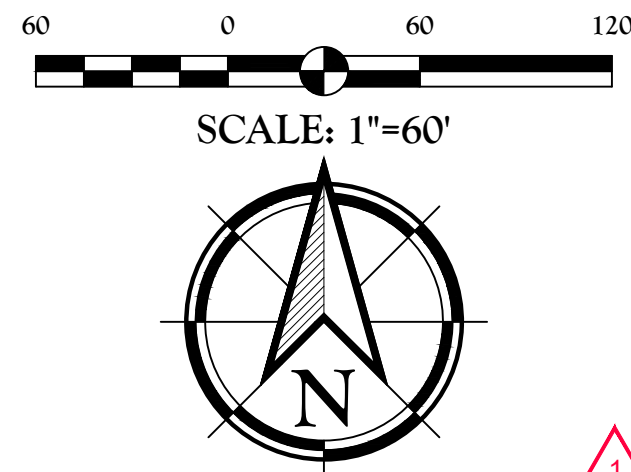
01 LANDSCAPE IRRIGATION PLAN
SCALE: 1" = 60'

IRRIGATION EQUIPMENT LEGEND:

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
	Toro T7PSS-02 27.0 Turf Sports Rotor, 5" Pop-Up, Adjustable Arc from 45-360, Vandal and Abuse Resistance. With Check Valve and Rugged Durability Features. 1" Inlet Size, NPT. Stainless Steel Riser. Nozzle Flow 6.6-30.6 GPM	71	1/L9.2
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
	Toro 220-27-0 Brass 1in., 1-1/4in., 1-1/2in., 2in., 2-1/2in., and 3in. Electric Remote Control Valve. With Spike Guard Solenoid and EZ-Reg Pressure Regulator. 1in.-2in. have In-Line Globe Body Style, and 2-1/2in. - 3in. are Angle Valve Body Styles.	12	3/L9.2
	Toro 100-SLVC One-Piece, 1" Single Lug Quick Coupler Valve with Vinyl Cover.	6	2/L9.2
	Febco 825Y 2" Reduced Pressure Backflow Preventer	1	5/L9.2
	Toro EVO-04OD-SC with (01) EMOD-12 16 Station Outdoor Controller. Includes one 12-station Expansion Module. With Smart Connect so Controller can communicate wirelessly with a number of add-on devices. Ideal for residential and light-commercial applications.	1	4/L9.2
	Rain Bird Light Commercial Pump Station 3/4hp, 1hp, 1-1/2hp, 2hp, and 3hp. Residential, Light Commercial, Parks and Rec Use. Complete Pump Station, with quick disconnection, powder coated steel enclosure, Start Relay and cooling louvers.	1	4/L9.3
	Irrigation Lateral Line: PVC Class 200 SDR 21	5,162 l.f.	2/L9.3
	Irrigation Mainline: PVC Schedule 40	2,520 l.f.	3/L9.3
	Valve Callout Valve Number Valve Flow Valve Size		

IRRIGATION NOTES:

- CONTRACTOR SHALL INSTALL BRASS GATE VALVES AT EACH FIELD TO ISOLATE EACH FIELD, AND ALLOW EACH FIELD TO BE SHUT OFF INDEPENDENTLY.



BID ADDENDUM 1: 2023-08-28

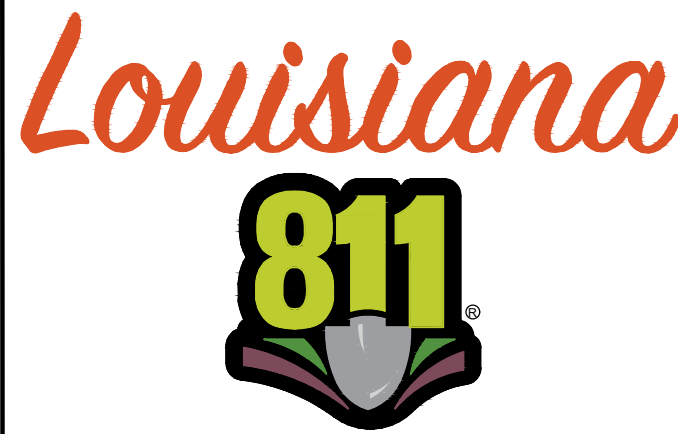
- ADJUSTED VALVE LAYOUT AND VALVE MATERIALS.
- ADDED ADDITIONAL NOTES RELATED TO ISOLATION OF IRRIGATION WATER TO EACH FIELD.

BID ALTERNATE NO. 3 NOTES:

- ALL OUTFIELD IRRIGATION HEADS, LATERAL PIPING, AND VALVES ARE TO BE PRICED AS BID ALTERNATE NO. 3.
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Client:
**PARISH OF ASCENSION
GOVERNMENT**
615 E WORTHY ST.
GONZALES, LA

Project:
**BUTCH GORE PARK
RENOVATIONS**
14550 HARRY SAVOY RD.
ST. AMANT, LA

IRRIGATION LAYOUT PLAN

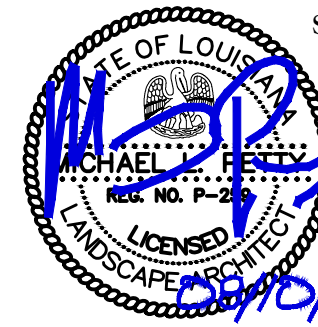
LOCATED IN:
SECTION 12, TOWNSHIP 2 NORTH, RANGE 3 EAST,
SOUTHEASTERN PART OF MISSISSIPPI RIVER,
ASCENSION PARISH, LOUISIANA

Description:

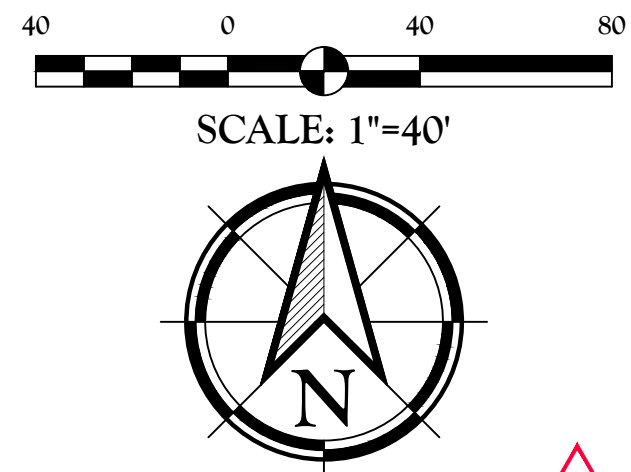
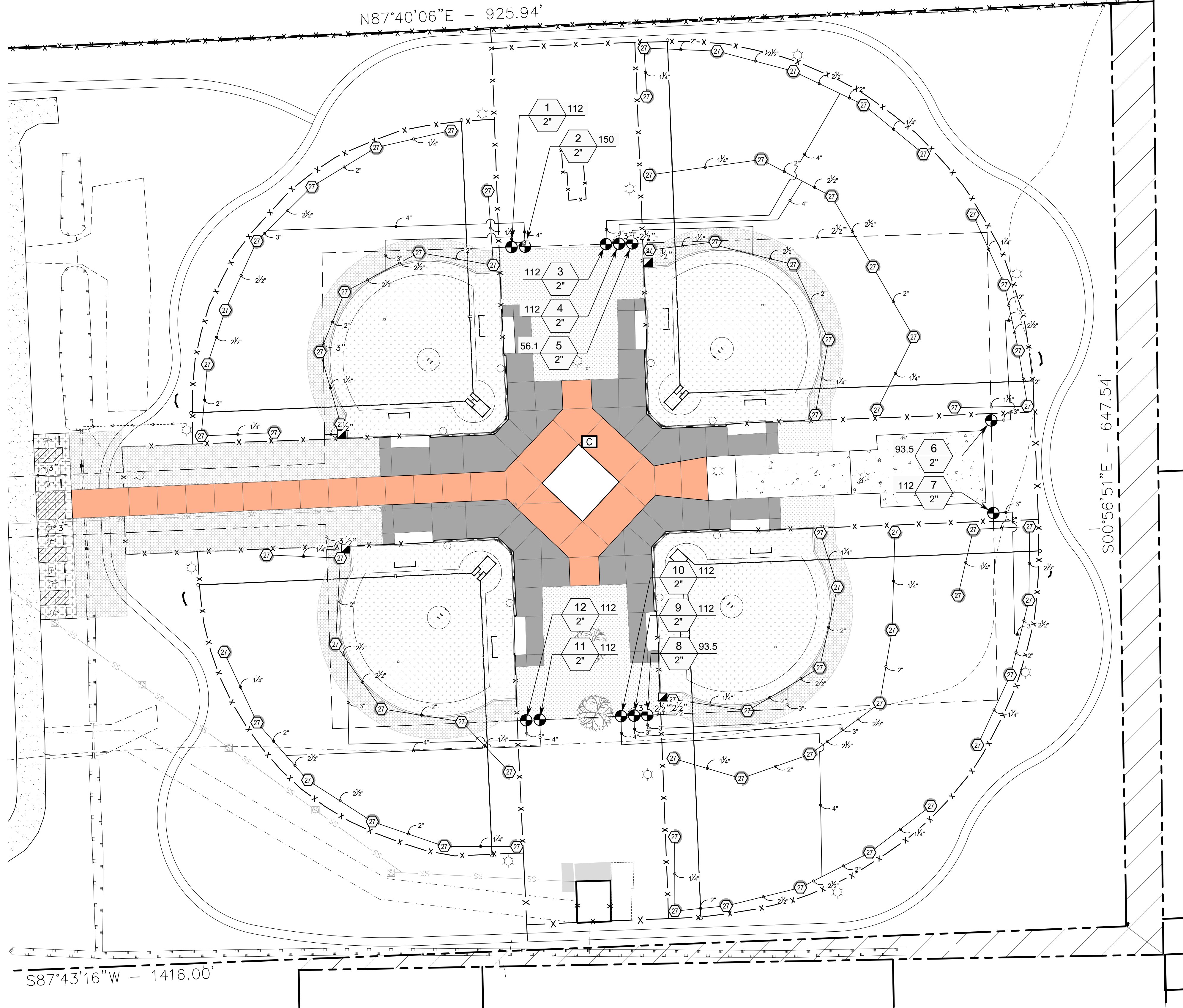
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Stamp:
Drawn By: TT
Date: AUGUST 10, 2023
Project No.: 23-055
Sheets: L9.0



IRRIGATION EQUIPMENT LEGEND:

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
	Toro T7PSS-02 27.0 Turf Sports Rotor, 5" Pop-Up, Adjustable Arc from 45-360, Vandal and Abuse Resistance. With Check Valve and Rugged Durability Features. 1" Inlet Size, NPT. Stainless Steel Riser. Nozzle Flow 6.6-30.6 GPM	71	1/L9.2
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	DETAIL
	Toro 220-27-0 Brass 1in., 1-1/4in., 1-1/2in., 2in., 2-1/2in., and 3in. Electric Remote Control Valve. With Spike Guard Solenoid and EZ-Reg Pressure Regulator. 1in.-2in. have In-Line Globe Body Style, and 2-1/2in. - 3in. are Angle Valve Body Styles.	12	3/L9.2
	Toro 100-SLVC One-Piece, 1" Single Lug Quick Coupler Valve with Vinyl Cover.	6	2/L9.2
	Febco 825Y 2" Reduced Pressure Backflow Preventer	1	5/L9.2
	Toro EVO-04OD-SC with (01) EMOD-12 16 Station Outdoor Controller. Includes one 12-station Expansion Module. With Smart Connect so Controller can communicate wirelessly with a number of add-on devices. Ideal for residential and light-commercial applications.	1	4/L9.2
	Rain Bird Light Commercial Pump Station 3/4hp, 1hp, 1-1/2hp, 2hp, and 3hp. Residential, Light Commercial, Parks and Rec Use. Complete Pump Station, with quick disconnection, powder coated steel enclosure, Start Relay and cooling louvers.	1	4/L9.3
	Irrigation Lateral Line: PVC Class 200 SDR 21	5,162 l.f.	2/L9.3
	Irrigation Mainline: PVC Schedule 40	2,520 l.f.	3/L9.3

Valve Callout

Valve Number

Valve Flow

Valve Size

BID ADDENDUM 1: 2023-08-28

- ADJUSTED VALVE LAYOUT AND VALVE MATERIALS.
- ADDED ADDITIONAL NOTES RELATED TO ISOLATION OF IRRIGATION WATER TO EACH FIELD.

IRRIGATION NOTES:

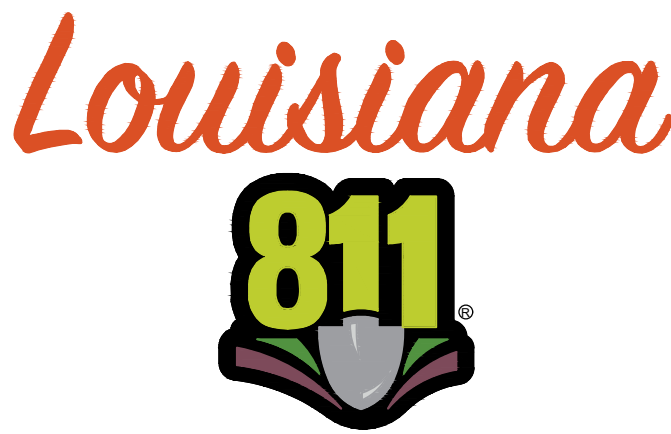
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Client: PARISH OF ASCENSION GOVERNMENT
615 E WORTHY ST. GONZALES, LA
Project: BUTCH GORE PARK RENOVATIONS
14550 HARRY SAVOY RD. ST. AMANT, LA

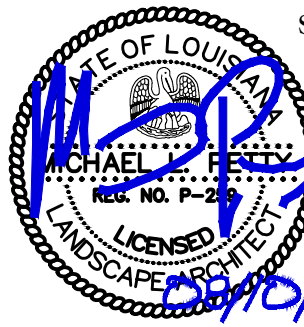
IRRIGATION PLAN ENLARGEMENT

LOCATED IN SECTION 12, TOWNSHIP 14 NORTH, RANGE 3 EAST, SOUTHEASTERN PART OF MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA

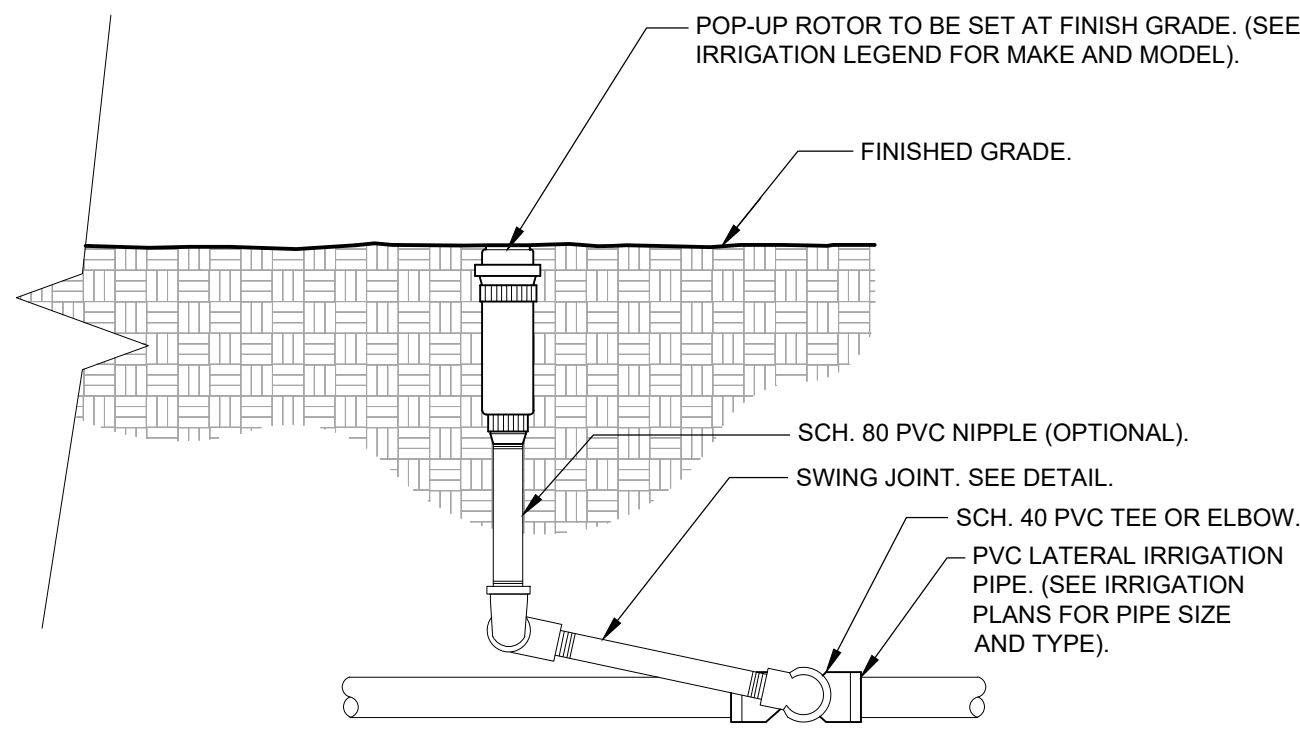
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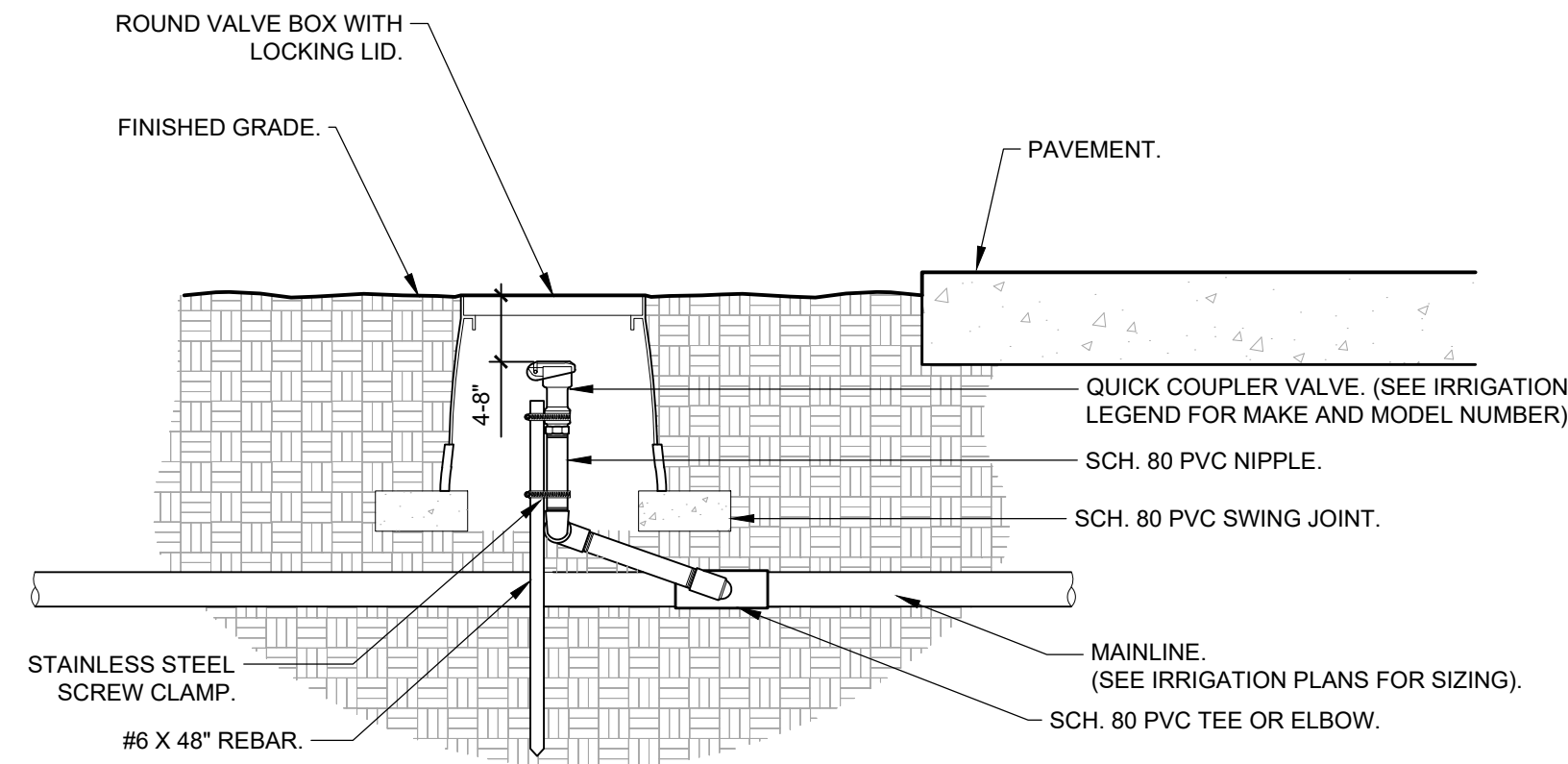
Drawn By: TT
Date: AUGUST 10, 2023
Project No.: 23-055
Sheets: L9.1



NOTES:
1- ALL THREADED CONNECTION POINTS BETWEEN SCH. 40 PVC AND SCH. 80 PVC FITTING SHALL BE INSTALLED USING TEFLON TAPE.
2- CONTRACTOR SHALL COMPACT SOIL AROUND ROTOR AND RISER PRIOR TO PLANTING, PLUGGING, SEEDING, OR LAYING OF SOD.

1 ROTOR SPRAYHEAD

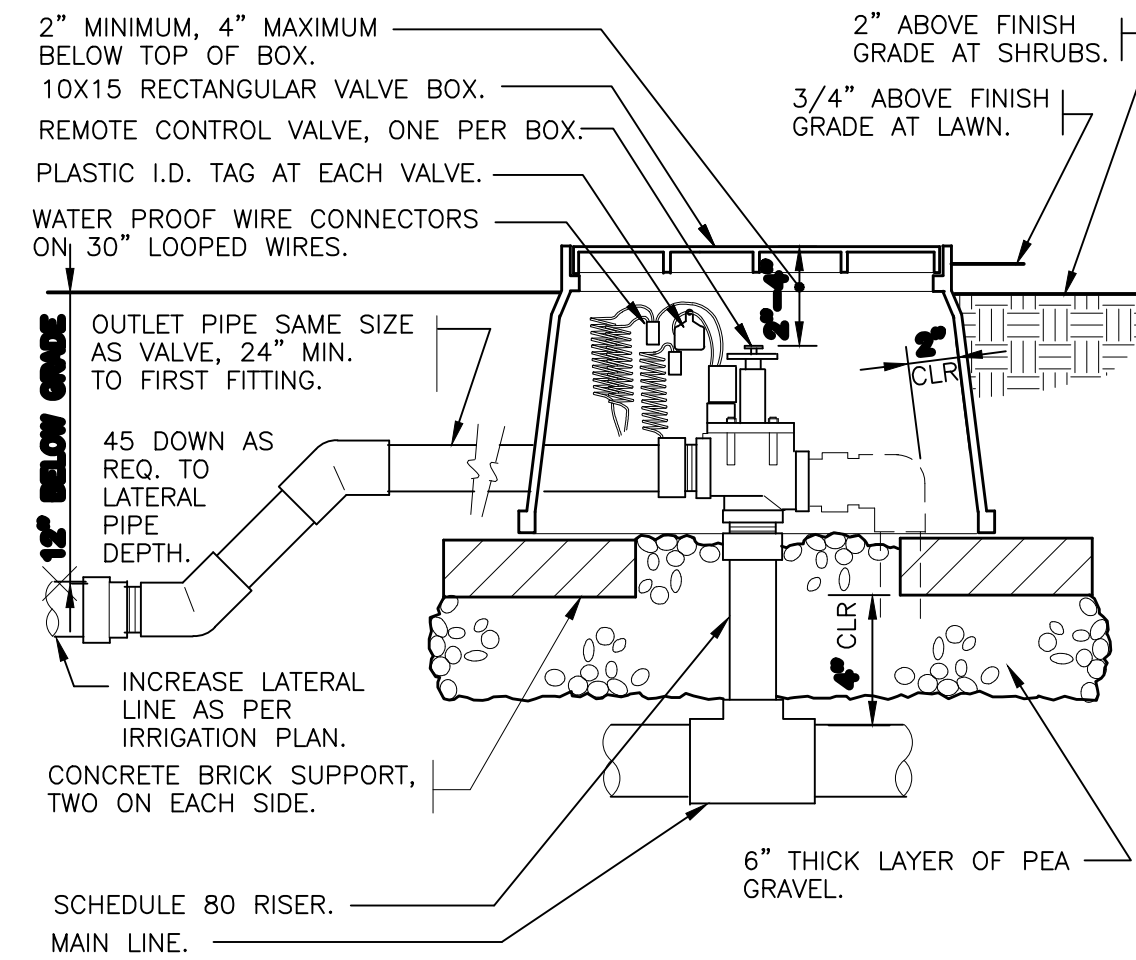
1 1/2" = 1'-0" FX-IR-FX-HEAD-01



NOTES:
1- ALL THREADED CONNECTIONS SHALL BE INSTALLED USING TEFLON TAPE.
2- VALVE BOX SHALL BE WRAPPED WITH A MINIMUM 3 MIL THICK PLASTIC AND SECURED TO THE VALVE BOX USING DUCT TAPE OR ELECTRICAL TAPE.
3- ALL QUICK COUPLERS SHALL BE INSTALLED A MINIMUM OF 18" OFF OF THE MAINLINE.
4- VALVE BOXES SHALL BE LOCATED IN PLANTING AREAS.

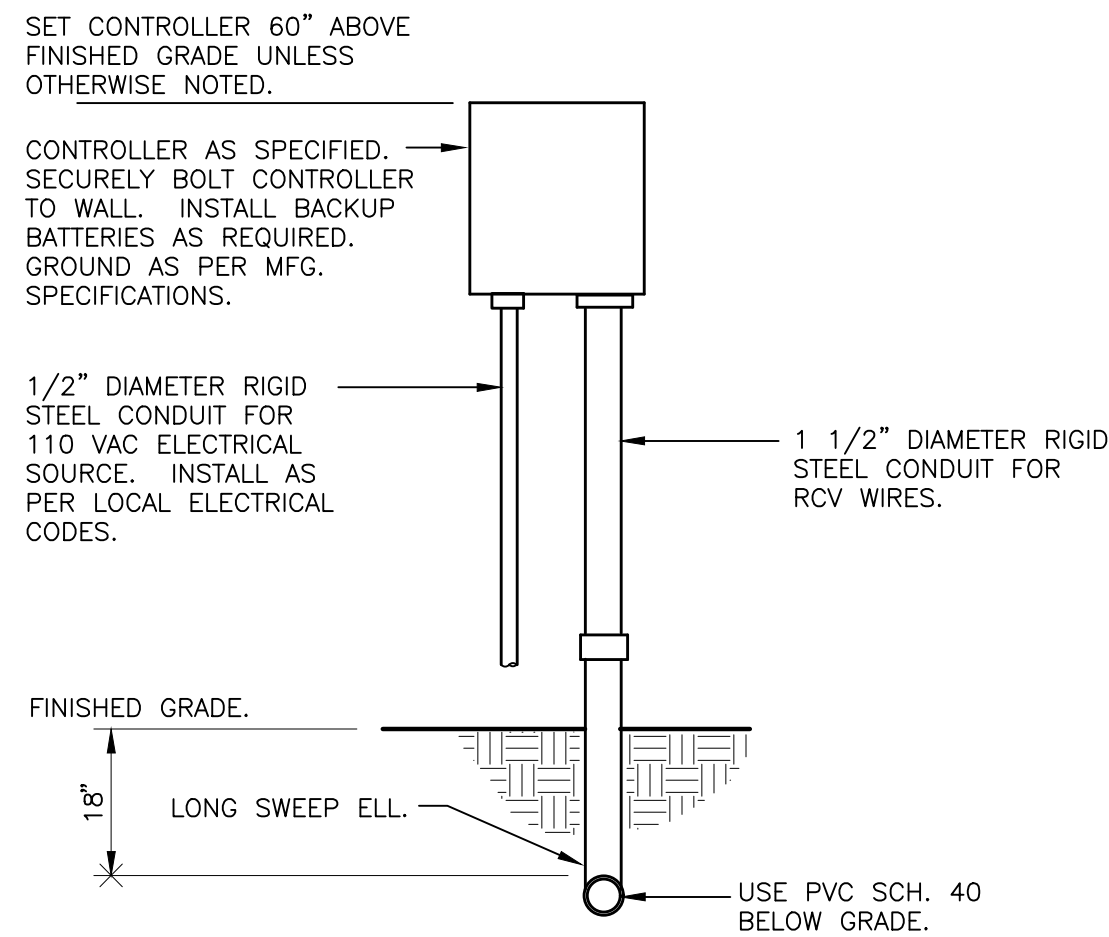
2 QUICK COUPLER VALVE

1 1/2" = 1'-0" FX-IR-FX-QUIC-01



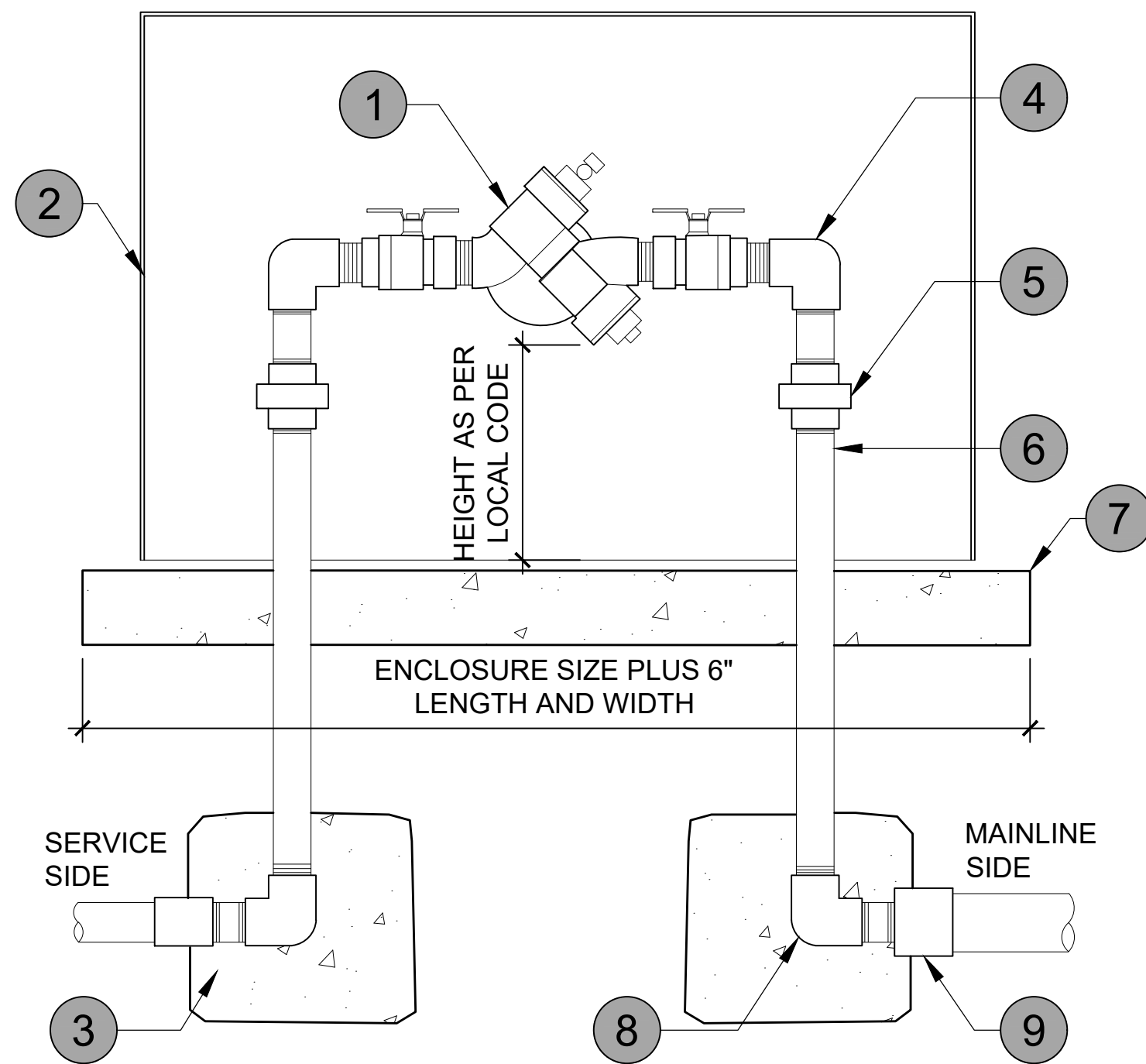
3 ELECTRIC REMOTE CONTROL VALVE

1 1/2" = 1'-0" FX-IR-FX-RCV-04



4 WALL MOUNT CONTROLLER

1" = 1'-0" FX-IR-FX-CONT-07



5 REDUCED PRESSURE BACKFLOW W/ ENCLOSURE

1" = 1'-0" FX-IR-FX-BACK-04

VALVE SCHEDULE

NUMBER	MODEL	SIZE	TYPE	GPM	HEADS	PIPE	WIRE	DESIGN PSI	FRICTION LOSS	VALVE LOSS	PSI	PSI @ POC	PRECIP
1	Toro 220-27-0	2"	Turf Rotor	112.2	6	381.3	244.4	40	2.9	6.92	49.8	67.7	1.85 in/h
2	Toro 220-27-0	2"	Turf Rotor	149.6	8	565.6	234.9	40	3.63	9.97	53.6	75.4	1.56 in/h
3	Toro 220-27-0	2"	Turf Rotor	112.2	6	489.2	178.1	40	2.82	6.92	49.7	68.3	1.77 in/h
4	Toro 220-27-0	2"	Turf Rotor	112.2	6	472.5	169.0	40	2.84	6.92	49.7	68.4	0.79 in/h
5	Toro 220-27-0	2"	Turf Rotor	56.1	3	276.8	159.7	40	2.54	2.31	44.8	58.6	1.86 in/h
6	Toro 220-27-0	2"	Turf Rotor	93.5	5	289.0	518.9	40	2.14	5.19	47.3	65.3	1.73 in/h
7	Toro 220-27-0	2"	Turf Rotor	112.2	6	366.5	583.8	40	3.22	6.92	50.1	70.5	1.39 in/h
8	Toro 220-27-0	2"	Turf Rotor	93.5	5	341.3	960.9	40	2.44	5.19	47.6	63.9	1.97 in/h
9	Toro 220-27-0	2"	Turf Rotor	112.2	6	461.2	970.0	40	3.77	6.92	50.7	68.7	0.81 in/h
10	Toro 220-27-0	2"	Turf Rotor	112.2	6	519.5	979.2	40	2.77	6.92	49.7	67.6	1.76 in/h
11	Toro 220-27-0	2"	Turf Rotor	112.2	6	472.7	1,036	40	2.79	6.92	49.7	67.4	1.59 in/h
12	Toro 220-27-0	2"	Turf Rotor	112.2	6	476.8	1,046	40	3.89	6.92	50.8	68.5	1.36 in/h
Common Wire							2,520						

CRITICAL ANALYSIS

Generated: 2023-08-29 09:53

P.O.C. NUMBER: 01
Water Source Information:

FLOW AVAILABLE
Point of Connection Size: 3"
Flow Available: 170.11 GPM

PRESSURE AVAILABLE
Static Pressure at POC: 75 PSI
Booster Pump pressure provided: 20 PSI
Pressure Available: 95 PSI

DESIGN ANALYSIS
Maximum Station Flow: 149.6 GPM
Flow Available at POC: 170.11 GPM
Residual Flow Available: 20.51 GPM

Design Pressure: 40 PSI
Friction Loss: 3.3 PSI
Fittings Loss: 0.33 PSI
Elevation Loss: 0 PSI
Loss through Valve: 9.97 PSI
Pressure Req. at Critical Station: 53.6 PSI
Loss for Fittings: 0.79 PSI
Loss for Main Line: 7.87 PSI
Loss for POC to Valve Elevation: 0 PSI
Loss for Backflow: 13.1 PSI
Critical Station Pressure at POC: 75.4 PSI
Pressure Available: 95 PSI
Residual Pressure Available: 19.6 PSI

BID ADDENDUM 1: 2023-08-28

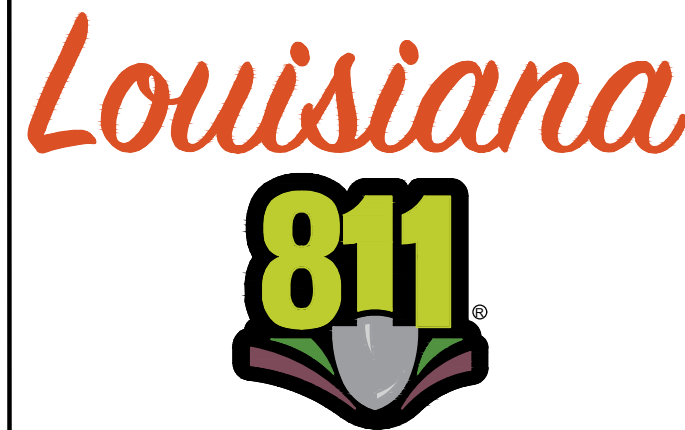
- REVISED REMOTE CONTROL VALVE DETAIL.
- REVISED CRITICAL ANALYSIS CALCULATIONS BASED ON NEW VALVE LAYOUT.
- REVISED VALVE SCHEDULE.

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Project:	BUTCH GORE PARK RENOVATIONS 14550 HARRY SAVOY RD. ST. AMANT, LA
Location:	LOCATED IN SECTION 12, TOWNSHIP 14TH RANGE 3 EAST, SOUTHEASTERN PART OF MISSISSIPPI RIVER, ASCENSION PARISH, LOUISIANA
Description:	P.V. 2023 Project 13-055 - Build One Park Improvement 13-055 - Landscape Architecture 13-055 - Construction Document 13-055 - R-04g
Title:	IRRIGATION DETAILS



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Drawn By:	TT
Date:	AUGUST 10, 2023
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Sheets:	L9.2