

AIA® Document G701® – 2017

Change Order

PROJECT: (Name and address)
Raymond Community Park
Prosper, TX

CONTRACT INFORMATION:
Contract For: General Construction
Date: November 23, 2022

CHANGE ORDER INFORMATION:
Change Order Number: 04
Date: October 15, 2025

OWNER: (Name and address)
Town of Prosper
250 W First Street
Prosper, TX 75078

ARCHITECT: (Name and address)
Dunaway
550 Bailey Ave, #400
Fort Worth, TX 76107

CONTRACTOR: (Name and address)
Dean Electric, Inc. dba Dean Construction
701 Hall Street
Cedar Hill, TX 75104

THE CONTRACT IS CHANGED AS FOLLOWS:

(Insert a detailed description of the change and, if applicable, attach or reference specific exhibits. Also include agreed upon adjustments attributable to executed Construction Change Directives.)

Change the Contract Sum from \$21,726,473.00 to \$22,230,673.00.

The Scope of Work is modified as shown in the attached DCI PCR 042A dated 22 JUL 25 and
DCI PCR 046 dated 08 SEP 25.

The original Guaranteed Maximum Price was	\$ 17,906,950.00
The net change by previously authorized Change Orders	\$ 3,819,523.00
The Guaranteed Maximum Price prior to this Change Order was	\$ 21,726,473.00
The Guaranteed Maximum Price will be increased by this Change Order in the amount of	\$ 504,200.00
The new Guaranteed Maximum Price including this Change Order will be	\$ 22,230,673.00

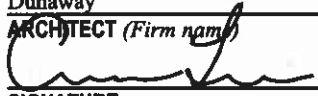
The Contract Time will be increased by thirty (30) days.

The new date of Substantial Completion will be increased to December 05, 2025 until a subsequent Change Order modifies it. See Contract Schedule attached which supersedes previous schedules.

NOTE: This Change Order does not include adjustments to the Contract Sum or Guaranteed Maximum Price, or the Contract Time, that have been authorized by Construction Change Directive until the cost and time have been agreed upon by both the Owner and Contractor, in which case a Change Order is executed to supersede the Construction Change Directive.

NOT VALID UNTIL SIGNED BY THE ARCHITECT, CONTRACTOR AND OWNER.

Dunaway

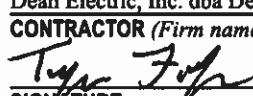
ARCHITECT (Firm name)


SIGNATURE
Arron Law, Team Leader

PRINTED NAME AND TITLE
9/15/2025

DATE

Dean Electric, Inc. dba Dean Construction

CONTRACTOR (Firm name)


SIGNATURE
Tyler Firebaugh, Vice President

PRINTED NAME AND TITLE
9/15/2025

DATE

Town of Prosper

OWNER (Firm name)

SIGNATURE
Mario Canizares, Town Manager

PRINTED NAME AND TITLE

DATE

Town of Prosper's Raymond Community Park
CO #04 Sod + Irrgn Lines 16 SEP

Updated on 16 SEP 2025
Printed on 9/17/2025 at 7:44 AM

CO # 04 - CMAR's Cost + Fees and Owner's Contingency inside the GMP				
Item #	Description	Subtotal	Total	Comments
CMAR's Current Contract Sum			21,726,473	Total Matches Executed CO # 03
1.00	Full Sod in All Locations in lieu of Hydromulch	353,128.79		12 SEP 2025 PCR 42.A (Final PRC Amount after Validation)
2.00	Full Sod Contingency <u>inside the GMP</u>	52,969.00		Unforeseeable Conditions (Weather, etc.)
Subtotal Full Sod Option		406,097.79		
1.00	Irrigation Lines to Prepare for Well Installation	81,751.79		15 SEP 2025 PCR 46 (Final PRC Amount after Validation)
2.00	Owner's Irrigation Lines Contingency <u>inside the GMP</u>	16,350.00		Unforeseeable Conditions (Soils, Rain, etc.)
Subtotal Irrigation Lines for Well Preparation		98,101.79		
Proposed CO # 04 Total & CMAR's New Contract Sum after CO #34		504,200	22,230,673	Totals Rounded to Match CO #04

We have validated the costs shown in this PCR.

The logo for Dean Construction features the word "Dean" in a large, bold, italicized black font, with "CONSTRUCTION" in a smaller, red, italicized sans-serif font below it. The text is partially enclosed by a thick, dark grey circular arc.

PPV 12 SEP:
Works out to
0.15/SF credit,
which is reasonable.

DATE	DESCRIPTION	SUBCONTRACTOR	AMOUNT
9/11/2025	Credit for hydromulch (753,359 SF)	Dean Construction	-\$113,245.00
9/11/2025	Replacement of hydromulch with Common Bermuda Sod	Dean Construction	\$399,280.27
	Subtotal		\$286,035.27
9/11/2025	15% markup	Dean Construction	\$42,905.29
9/11/2025	General Conditions/Insurance - 4.73%	Dean Construction	\$15,575.34
9/11/2025	Fee - 2.50%	Dean Construction	\$8,612.90
TOTAL			\$353,128.79

PPV 12 SEP:
As a note to 3rd party reviewers, DCI is performing the work as the subcontractor. As such, PPV can validate that the market value of the OH&P for a landscaper for this scope of work would be at least 15%, based on our market data.

PPV 12 SEP:
These markups are per the original Agreement.
GTG.

PPV 12 SEP:
\$0.53/SF for this common Bermuda sod is reasonable based on PPV's historic data.

See confirmation of deduct from Tiff 419 attached.

GTG.

PPV 12 SEP:
We appreciate the \$18,600.84 savings over the earlier Tiff 419 proposal.

PPV 12 SEP:
As a note to 3rd party reviewers, DCI is performing the work as the subcontractor. As such, PPV can validate that the market value of the OH&P for a landscaper for this scope of work would be at least 15%, based on our market data.

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GTG.

PPV 12 SEP:
We appreciate the
\$18,600.84
savings over the
earlier Tiff 419
proposal.

Nice work, team.

City Acknowledgement:

Architect Acknowledgement:

Contractor Acknowledgment:

09/15/2025

Date:

09/12/2025

Date:

9/11/2025

Kirsten

From: randall price <randy@tritexgrass.com>
Sent: Friday, September 12, 2025 12:10 PM
To: Tyler
Cc: Kirsten
Subject: Re: Common vs 419

Good Afternoon Tyler,

You are correct. There is a \$0.02 price variation between the TifWay419 and the Common Bermudagrass. Let me know when you are ready!

Respectfully,

Randy Price
Super Sod
817-243-2363

On Sep 12, 2025, at 11:19 AM, Tyler <Tyler@dean-construction.com> wrote:

Randy,

I know we talked about it on the phone but can you confirm that the 419 is .02 more than common? The consultant just needs some kind of back up documentation.

Thank you,

Tyler Firebaugh
Vice President/Project Manager
<image001.png>
Office 972-291-7153
Cell 214-762-1408
tyler@dean-construction.com

Request for Information



From: Dean Electric Inc. dba Dean Construction
701 Hall Street
Cedar Hill, TX 75104

To: Dunaway- Arron Law
550 Bailey Ave, #400
Fort Worth, TX

Project: Raymond Community Park 2101E First Street Prosper, TX	RFI No.	68
	Date	9/11/2025
	Requested Reply Date	9/18/2025

RFI Description: Fully describe the question or type of information request.

Can you please confirm the locations and types of sod listed below are acceptable?
Kurt confirmed on our call today all hydromulch (not including ballfields – which will be TifTuf Sod & Multi-purpose Fields – which will be Tif419), is requested to be changed to Common Bermudagrass.

- ✓ PCR08 – Ballfields are TifTuf: PREVIOUSLY APPROVED
- ✓ PCR36 – Multi-Purpose Fields are Tif419: PREVIOUSLY APPROVED
- ✓ PCR42A – Update reference to Tif419 to denote Common Bermudagrass & price / resend for approval

Reference Attachments (if applicable):

Sender's Recommendation: Fully describe the possible corrections and any cost/schedule changes associated.

Yes, the above information is correct ✓ and the town confirms. ✓
They would like to proceed with all additional hydromulch not including the multi-use area or ballfield area to have common bermudagrass sod. Common Bermudagrass SOD spec sheet to be submit for approval. APL 09/11/2025

Receiver's Reply: Provide answer to RFI, including cost or schedule considerations.

PPV 15 SEP 2025:

Based on the new information provided, we can validated the costs shown in this PCO now.

Ready for DWY and ToP review and approval.



Proposed Change Request 46

PROJECT: RAYMOND COMMUNITY PARK - GN

DATE	DESCRIPTION		AMOUNT
9/8/2025	ASI 20 - Irrigation Add	Firefighters Landscape	\$76,152.04
7/10/2025	General Conditions/Insurance - 4.735%	Dean Construction	\$3,605.80
7/10/2025	Fee - 2.50%	Dean Construction	\$1,993.95
TOTAL			\$81,751.79

PPV 15 SEP:
This subcontractor cost has been validated now.

PPV 12 SEP:
We appreciate the \$11,239.89 savings over the earlier REV 01 proposal.

Nice work, team.

PPV 15 SEP:
These markups are per the original Agreement. GTG.

City Acknowledgement: *Kurt Beilharz*

Architect Acknowledgement: *[Signature]*

Contractor Acknowledgment: *[Signature]*

Date: 9/15/2025

Date: 9/15/2025

Date: 9/15/2025

\$92,991.68



Firefighter's Landscape & Design L.L.C.
822 E State Highway 121
Lewisville, TX 75057 US
+12145920009

ADDRESS

Dean Construction

SHIP TO

Dean Construction

Estimate 25-612

Date 09/12/2025

Expiration 10/12/2025

DESCRIPTION	QTY	RATE	AMOUNT
Change Request Raymond Park - ASI#20 - Mainline - Revised with backup	1	0.00	0.00
Lump Sum - This Estimate or Invoice as stated at the top of this document is representative of a LUMP SUM CONTRACT. ALL billing will be based on lump sum contract guidelines.	1	0.00	0.00
Irrigation in Texas is regulated by the Texas Commission on Environmental Quality TCEQ MC-178 P.O. Box 13087, Austin, Texas 78711-3087	1	0.00	0.00
*** Gate Valves***			
4" Gate valve Leemco	3	773.92	2,321.76
Gate Valve pipe Restraints	6	342.44	2,054.64
Valve Box - Jumbo Highline	3	102.28	306.84
Valve Box Lid NP - Highline	3	66.35	199.05
			Subtotal: 4,882.29
*** Pipe***			
4" - Mainline Gasket - East fields	1,030	2.43	2,502.90
4" - Mainline Gasket - Baseball fields	340	2.43	826.20
4" - Mainline Gasket - West fields	1,260	2.43	3,061.80
4" - Ductile fittings with thrust blocks - 45 degree, 90 degree, "T's"	1	24,306.85	24,306.85
4" - Ductile fittings - 90 degree	8	122.09	976.72
Pipe Restraints	16	342.44	5,479.04
4" - Ductile fittings- "T"	3	196.40	589.20
Pipe Restraints	6	342.44	2,054.64
4" - Ductile fittings- 45 Degree	20	125.04	2,500.80
Pipe Restraints	40	342.44	13,697.60
			Subtotal: 55,995.75

PPV 15 SEP:
These material
unit costs have
been validated by
PPV.

PPV 15 SEP:
31 cast-in-place
concrete thrust
blocks w/fittings
at ~ \$ 784/EA is
reasonable.

DESCRIPTION	QTY	RATE	AMOUNT
POC			
Connection into existing mainline and flushing system	1	1,750.00	1,750.00
Labor -Laborer	16	35.00	560.00
Labor - Irrigator/foreman	8	45.00	360.00
Labor Equipment - per day	0.50	250.00	125.00
Testing all zone downstream for no debris	16	35.00	560.00
Parts	1	250.00	250.00
			Subtotal: 3,605.00
*** Mainline Bore- East Approach***			
6" Bore for east field mainline (\$37 a LF + \$2,500 Mobilization)	35	108.4285714	3,795.00
			Subtotal: 3,795.00
Profit and over head 10%	1	7,874.00	7,874.00
SUBTOTAL			76,152.04
TAX (0%)			0.00
TOTAL			\$76,152.04

PPV 15 SEP:
Subcontractor
OH&P is per
contract. GTG.

PPV 15 SEP:
Labor &
equipment rates
& hours shown
are reasonable,
based on PPV's
historic data.

Accepted By

Accepted Date



**TOWN OF PROSPER, TEXAS
PARKS AND RECREATION DEPARTMENT**

July 14, 2025

ASI#20 – Irrigation Changes

Raymond Community Park Phase 1

To: All Plan Holders of Record

From: Town of Prosper – Parks and Recreation Department (Kurt Beilharz) &
Dunaway Associates (Arron Law)

This Proposal Request modifies, amends, deletes, and/or adds to the Drawings and Project Manual as follows:

The following items are noted for clarification and information:

1. L5.00 – Overall Irrigation Plan
 - Irrigation Schedule updated
 - Pumps and mainline updates
2. L5.01 – Irrigation Plan – Area 1
 - Added note for disconnection of 4" meter
 - Show mainline disconnect in air gap valve box
 - Lateral line connection from spray valve #3 to shrub bed valve #5. (RFI 063)
3. L5.02 – Irrigation Plan – Area 2
 - Added note for disconnection of 4" meter
 - Show mainline disconnect in air gap valve box
4. L5.03 – Irrigation Plan – Area 3
 - Added note for disconnection of 4" meter
 - Show mainline disconnect in air gap valve box
5. L5.08 – Irrigation Plan – Area 8
 - Add irrigation mainline and sleeve for new north pump location
6. L5.09 – Irrigation Plan – Area 9
 - Add irrigation mainline and sleeve for new north pump location
7. L5.10 – Irrigation Plan – Area 10
 - Add irrigation mainline for new north pump location
8. L5.11 – Irrigation Plan – Area 11
 - Add irrigation mainline for new north pump location

9. L5.12 - Irrigation Plan – Area 12
 - Add irrigation mainline for new north pump location
10. L5.14 – Irrigation Plan – Area 14
 - Add irrigation mainline for new north pump location
11. L5.15 – Irrigation Plan – Area 15
 - Updated viewport area to exclude pump area so that it could be shown on one whole sheet (Sheet L5.18)
 - Add irrigation mainline for new north pump location
12. L5.17 – Irrigation Plan – Area 17
 - Removed mainline that fed old pump location
13. L5.18 – Irrigation Plan – Area 18
 - Updated viewport area to include all pump/well equipment
 - Added pumps, equipment, updated locations and added/updated notes

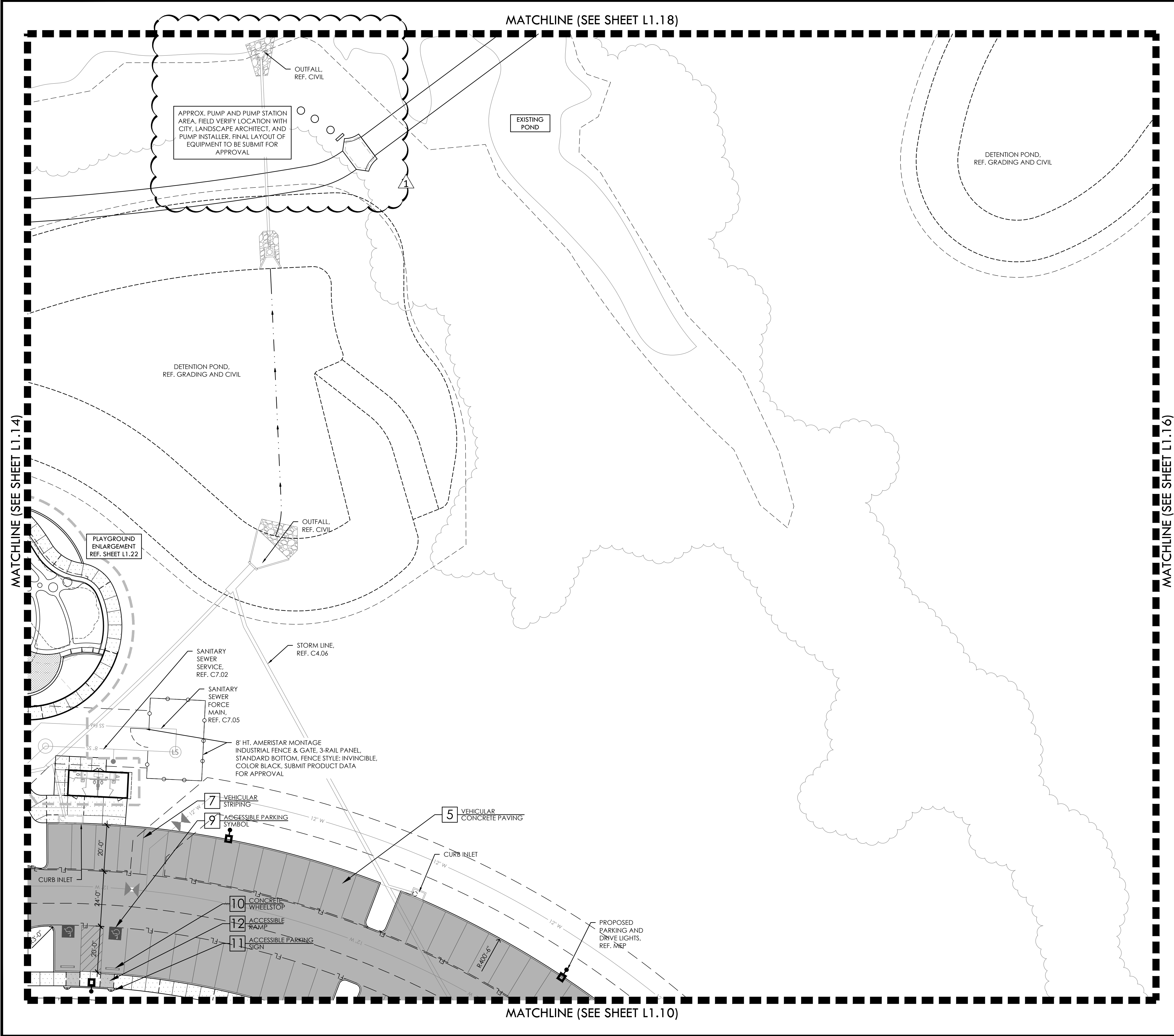
Notes:

1. Pump mainline for south east irrigation, approx. additional 1,165 lf of 4" mainline.
2. Pump mainline for south west irrigation, approx. additional 1,237 lf of 4" mainline.
3. Pump mainline for remaining field & site irrigation, approx. additional 300 lf of 4" mainline
4. Pump mainline sleeve for south west irrigation approx. 61 lf for 4" mainline.
5. Removal of 4" mainline from north west side to old pump location, approx. reduction of 4" 576 of 4" mainline.

END OF ASI#20

FULL PATH: P:\07060\7691\001\PA\Drawings\Prop Sheet\9501-Landsc Plan

FILENAME: 7691-Landsc Planning
PLOTTED ON: Tuesday, July 22, 2023

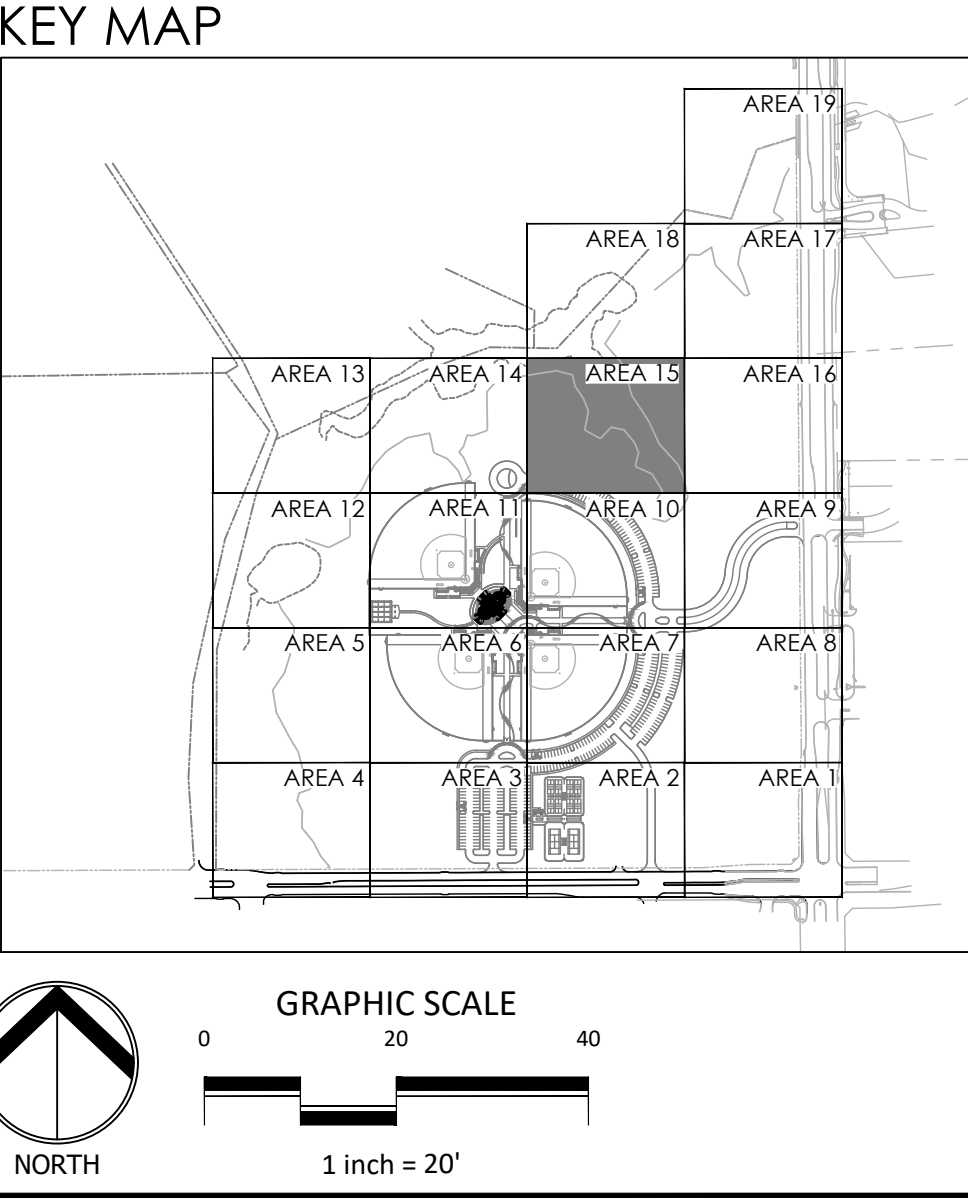


LEGEND

PROPERTY LINE	---
ENLARGEMENTS	---
EXISTING FENCE LINE	---
EXISTING OVERHEAD ELECTRIC	EX - OH
EXISTING WATER	EX - W
EXISTING FIBER OPTIC LINE	EX - FO
FIRE LANE STRIPING	FL
EXISTING CONCRETE CURB	---
EXISTING FIRE HYDRANT	⊕
EXISTING STORM DRAIN INLET	⊕
EXISTING POWER POLE	⊕
TEMPORARY BENCHMARK LOCATION (TBM)	⊕
EXISTING TREE TO REMAIN	⊕

CONSTRUCTION KEY

SYM.	KEY	DESCRIPTION	DETAIL NO.	DETAIL SHEET:	PACKAGE:
1	1	PEDESTRIAN CONCRETE PAVING	A	L3.01	BP#2
2	2	ENHANCED CONCRETE PAVING	A	L3.01	BP#2
3	3	CONTROL JOINT	B	L3.01	BP#2
4	4	EXPANSION JOINT	D	L3.01	BP#2
5	5	VEHICULAR CONCRETE PAVING	REF. CIVIL		BP#1
6	6	CONCRETE CURB & GUTTER	REF. CIVIL		BP#1
7	7	VEHICULAR STRIPING	B	L3.02	BP#2
8	8	REMOVABLE BOLLARD	REF. SPECS		BP#2
9	9	ACCESSIBLE PARKING SYMBOL	C	L3.02	BP#2
10	10	CONCRETE WHEELSTOP	E	L3.02	BP#2
11	11	ACCESSIBLE PARKING SIGN	A	L3.02	BP#2
12	12	ACCESSIBLE RAMP	G	L3.02	BP#2
14	14	ACCESSIBLE RAMP W/ HANDRAIL	F	L3.02	BP#2
15	15	MONUMENT SIGN	C	L3.11	BP#2
16	16	CONCRETE MOW STRIP	D	L3.02	BP#2
17	17	PERIMETER ENTRY GATE	F	L3.03	BP#2
18	18	8' HT. CHAINLINK FENCE W/ MOW STRIP	C	L3.04	BP#2
19	19	MAINTENANCE GATE	D	L3.04	BP#2
20	20	QUARRY BLOCK RET. WALL	F	L3.13	BP#2
21	21	QUARRY BLOCK BENCH	B & C	L3.03	BP#2
22	22	BATING CAGES	A & B	L3.09	BP#2
23	23	CONCRETE FLUME AT BALLFIELD	C	L3.14	BP#2
24	24	DETECTABLE WARNING CAST IN PLACE PLATES		C8.04	BP#2
25	25	ENTRY GATEWAY	A	L3.11	BP#2
26	26	BALLFIELD SCOREBOARD	REF. MEP / SPECS		BP#2
27	27	BALLFIELD LIGHT	REF. MEP		BP#2
28	28	LANDSCAPE DRAIN; REF. CIVIL FOR CONNECTION	E	L3.10	BP#2
29	29	LITTER RECEPTACLE	REF. SPECS		BP#2
30	30	BARRIER RAIL	F	L3.13	BP#2
31	31	PLANTING AREA	REF. PLANTING PLAN		BP#2



REVISIONS

NO.	DATE	DESCRIPTION
1.	7/21/2025	ASI #20 - IRRIGATION PUMP UPDATES

LAYOUT PLAN - AREA 15

RAYMOND COMMUNITY PARK
BLOCK 1, LOT 1

WILLIAM BUTLER SURVEY, ABSTRACT NO. 112
TOWN OF PROSPER, COLLIN COUNTY, TEXAS
TOWN PROJECT #: 2122-PK

SEAL

REGISTERED LANDSCAPE ARCHITECT
ARLON P. 3367
04/02/2025

JOB NO. 7691.001

DESIGNED BY: APL

DRAWN BY: AAL

CHECKED BY: KLS

DATE: MAY 6, 2025

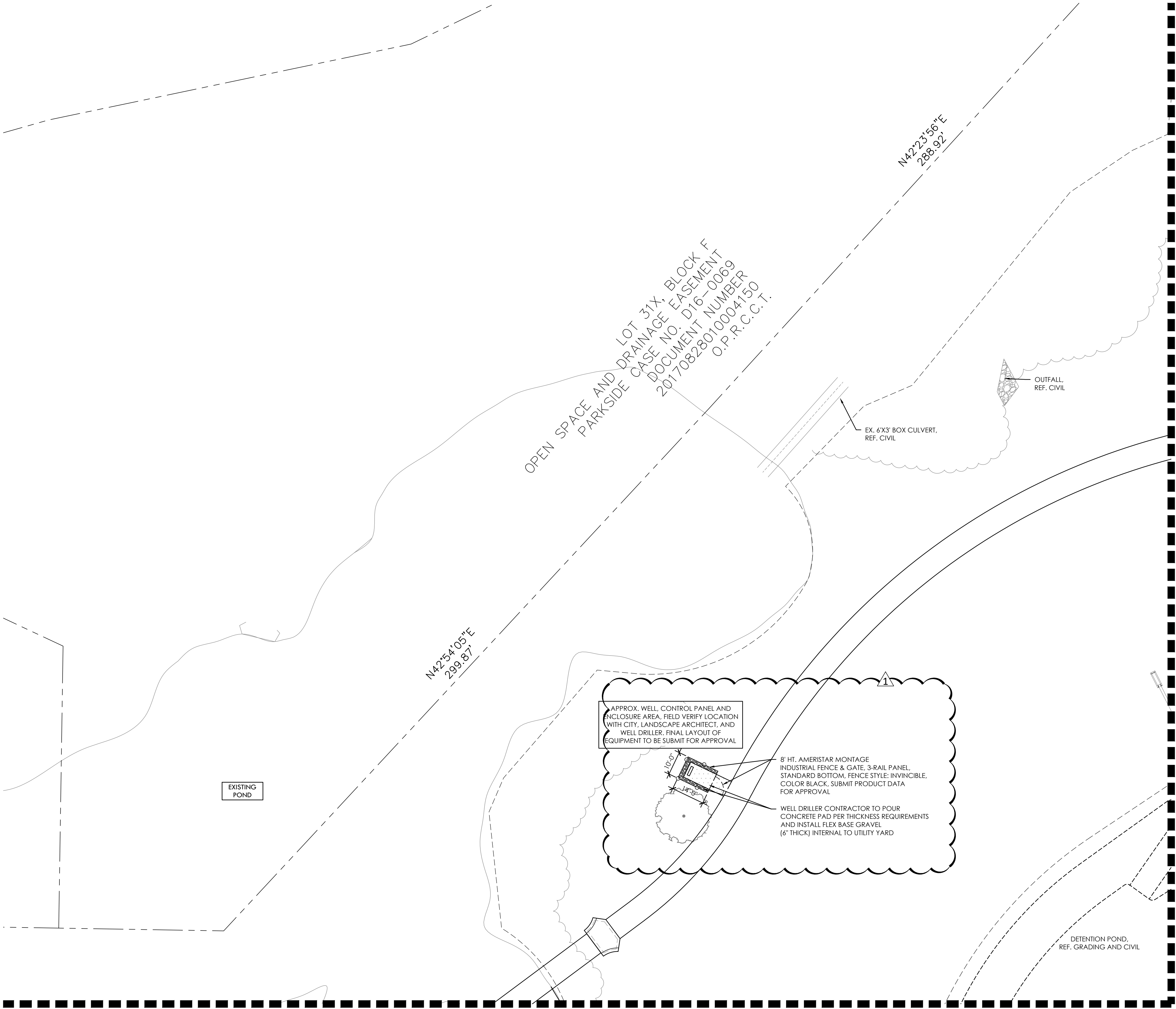
SHEET: L1.15

BID PACKAGE #1

BID PACKAGE #2

FULL PATH: P:\070601\7691.001\PA\Drawings\Prop Sheet\9301-Landsc Plan

FILE NAME: 7691-Landsc Plan.dwg
PLOTTED ON: Tuesday, July 22, 2025



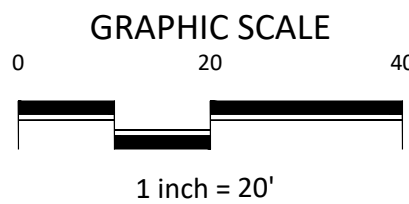
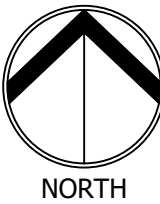
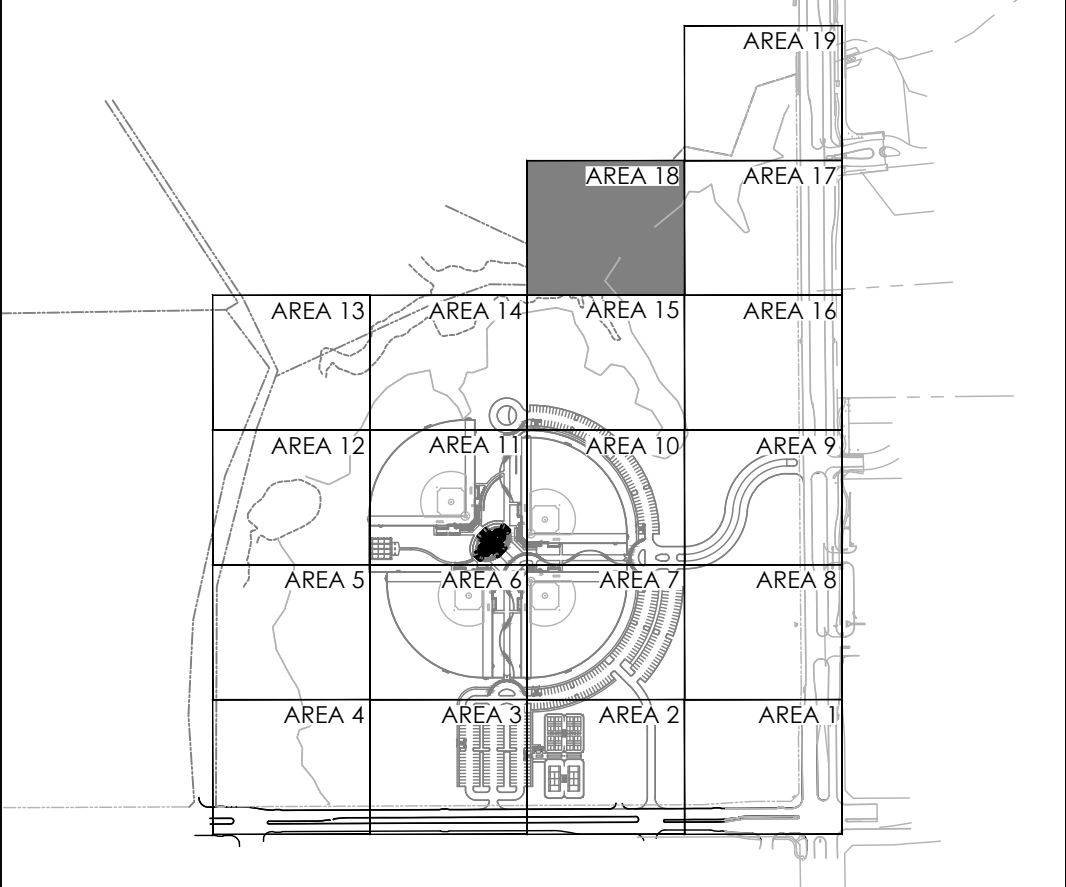
LEGEND

PROPERTY LINE	---
ENLARGEMENTS	---
EXISTING FENCE LINE	---X---
EXISTING OVERHEAD ELECTRIC	---EX-OH---
EXISTING WATER	---EX-W---
EXISTING FIBER OPTIC LINE	---EX-FO---
FIRE LANE STRIPING	---FL---
EXISTING CONCRETE CURB	=====
EXISTING FIRE HYDRANT	⊕
EXISTING STORM DRAIN INLET	⊙
EXISTING POWER POLE	⊕
TEMPORARY BENCHMARK LOCATION (TBM)	⊙
EXISTING TREE TO REMAIN	⊙

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31	31	PLANTING AREA	REF. PLANTING PLAN		BP#2

KEY MAP



REVISIONS		DESCRIPTION	
NO.	DATE	NO.	DESCRIPTION
1.	7/21/2025	1.	ASI #20 - IRRIGATION PUMP UPDATES

LAYOUT PLAN - AREA 18



RAYMOND COMMUNITY PARK
BLOCK 1, LOT 1
WILLIAM BUTLER SURVEY, ABSTRACT NO. 112
TOWN OF PROSPER, COLLIN COUNTY, TEXAS
TOWN PROJECT #:2122-PK



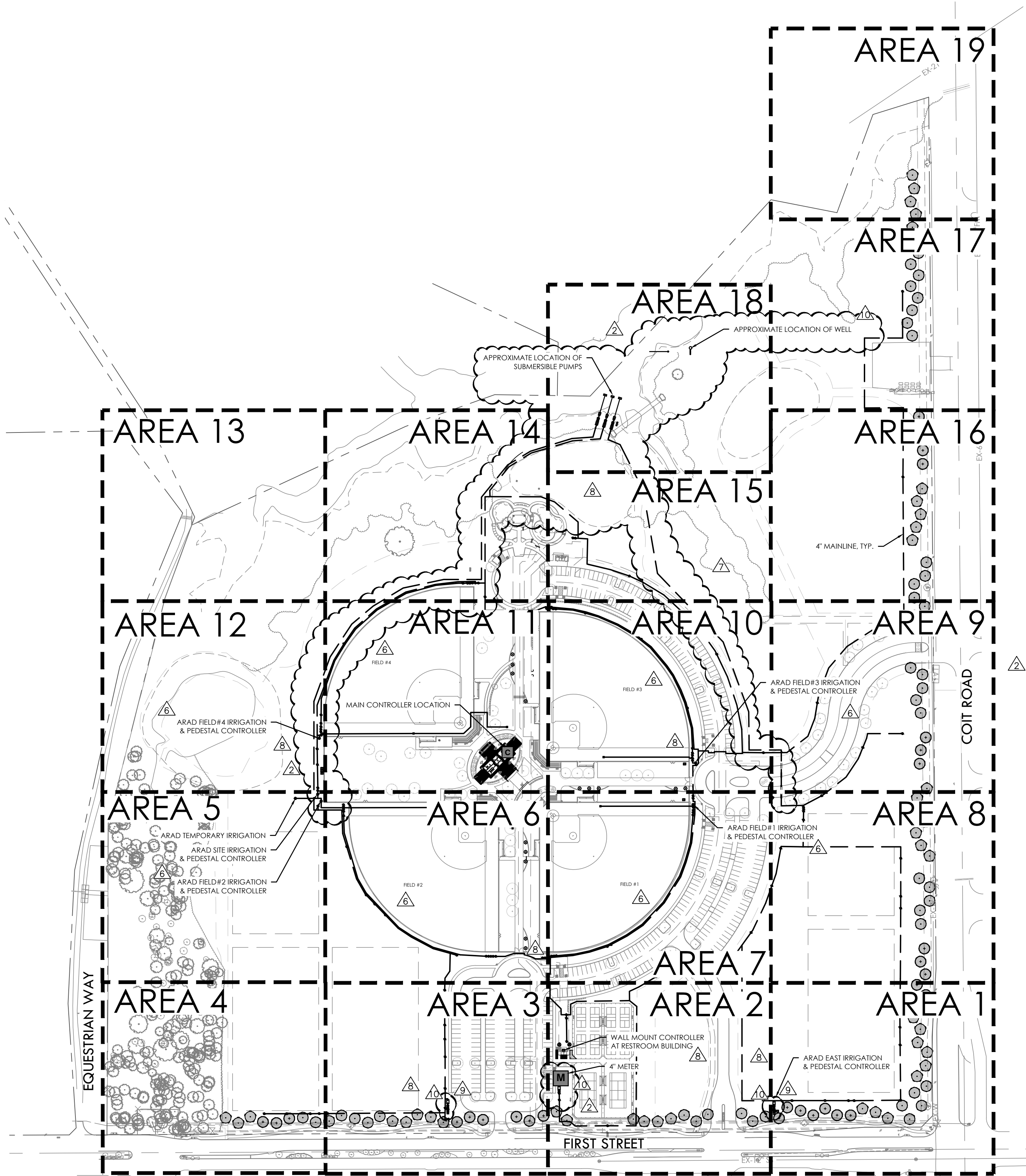
JOB NO.	7691.001
DESIGNED BY:	APL
DRAWN BY:	AAL
CHECKED BY:	KLS
DATE:	MAY 6, 2025
SHEET:	L1.18

BID PACKAGE #2

BID PACKAGE #1

FULL PATH: P:\070600\7691\001\PA Drawings\Plan Sheets\7691 Irrigation Plan

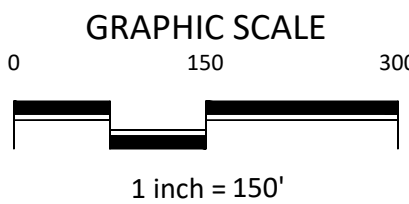
FILENAME: 7691 Irrigation Plan.dwg
PLOT DATE: Monday, July 21, 2025



- NOTES:**
1. **ALL PIPE 3" AND LARGER NEEDS TO BE GASKETED PIPE WITH MJ DUCTILE IRON FITTINGS AND CONCRETE THRUST BLOCKS.**
 2. **THE SYSTEM WILL REQUIRE A MINIMUM OF TWO AIR RELIEF VALVE TO BE FIELD LOCATED.**

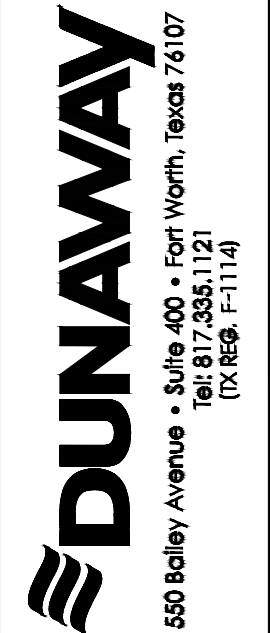
IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	SPRAY: HUNTER PROS-06/012-PRS30-R SR SERIES SPRAY, 30 PSI REGULATED POP-UP, CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL. INSTALL 12" POP UP IN ALL SHRUB PLANTING AREAS, INSTALL 6" POP UP IN ALL GRASS AREAS. INSTALL PURPLE NOZZLE FOR NON-POTABLE USE.
	SPRAY: HUNTER PROS-06/012-PRS30-R STRIP SERIES SPRAY, 30 PSI REGULATED POP-UP, CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL. INSTALL 12" POP UP IN ALL SHRUB PLANTING AREAS, INSTALL 6" POP UP IN ALL GRASS AREAS. INSTALL PURPLE NOZZLE FOR NON-POTABLE USE.
	SPRAY: HUNTER PROS-06/012-PRS30-R 5 SERIES SPRAY, 30 PSI REGULATED POP-UP, CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL. INSTALL 12" POP UP IN ALL SHRUB PLANTING AREAS, INSTALL 6" POP UP IN ALL GRASS AREAS. INSTALL PURPLE NOZZLE FOR NON-POTABLE USE.
	SPRAY: HUNTER PROS-06/012-PRS30-R 8 SERIES SPRAY, 30 PSI REGULATED POP-UP, CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL. INSTALL 12" POP UP IN ALL SHRUB PLANTING AREAS, INSTALL 6" POP UP IN ALL GRASS AREAS. INSTALL PURPLE NOZZLE FOR NON-POTABLE USE.
	SPRAY: HUNTER PROS-06/012-PRS30-R 10 SERIES SPRAY, 30 PSI REGULATED POP-UP, CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL. INSTALL 12" POP UP IN ALL SHRUB PLANTING AREAS, INSTALL 6" POP UP IN ALL GRASS AREAS. INSTALL PURPLE NOZZLE FOR NON-POTABLE USE.
	SPRAY: HUNTER PROS-06/012-PRS30-R 12 SERIES SPRAY, 30 PSI REGULATED POP-UP, CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL. INSTALL 12" POP UP IN ALL SHRUB PLANTING AREAS, INSTALL 6" POP UP IN ALL GRASS AREAS. INSTALL PURPLE NOZZLE FOR NON-POTABLE USE.
	SPRAY: HUNTER PROS-06/012-PRS30-R 15 SERIES SPRAY, 30 PSI REGULATED POP-UP, CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL. INSTALL 12" POP UP IN ALL SHRUB PLANTING AREAS, INSTALL 6" POP UP IN ALL GRASS AREAS. INSTALL PURPLE NOZZLE FOR NON-POTABLE USE.
	SPRAY: HUNTER PROS-06/012-PRS30-R 17 SERIES SPRAY, 30 PSI REGULATED POP-UP, CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL. INSTALL 12" POP UP IN ALL SHRUB PLANTING AREAS, INSTALL 6" POP UP IN ALL GRASS AREAS. INSTALL PURPLE NOZZLE FOR NON-POTABLE USE.
	SPRAY: HUNTER PROS-06/012-PRS30-R ADJ SERIES SPRAY, 30 PSI REGULATED POP-UP, CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL. INSTALL 12" POP UP IN ALL SHRUB PLANTING AREAS, INSTALL 6" POP UP IN ALL GRASS AREAS. INSTALL PURPLE NOZZLE FOR NON-POTABLE USE.
	BUBBLER: HUNTER PROS-04-CV-R-MSBN MULTI-STREAM BUBBLER, 4IN. POP-UP, FACTORY INSTALLED DRAIN CHECK VALVE, RECLAIMED BODY CAP, 25"-25GPM, 50-0.5GPM, 10-1.0GPM, 20-2.0GPM. INSTALL PURPLE NOZZLE FOR NON-POTABLE USE.
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	HUNTER I-40-06-SS 08 TURF ROTOR, 6IN. POP-UP, ADJUSTABLE TO FULL CIRCLE. DRAIN CHECK VALVE, STAINLESS STEEL RISER, 1IN. FEMALE NPT INLET THREADS, STANDARD NOZZLE. INSTALL 6" POP UP IN ALL GRASS AREAS, INSTALL PURPLE NOZZLE FOR NON-POTABLE USE.
	HUNTER I-40-06-SS 25 TURF ROTOR, 6IN. POP-UP, ADJUSTABLE TO FULL CIRCLE. DRAIN CHECK VALVE, STAINLESS STEEL RISER, 1IN. FEMALE NPT INLET THREADS, STANDARD NOZZLE. INSTALL 6" POP UP IN ALL GRASS AREAS, INSTALL PURPLE NOZZLE FOR NON-POTABLE USE.
	ROTOR: HUNTER I-20-06-R 1.5 TURF ROTOR, 6IN. POP-UP, ADJUSTABLE AND FULL CIRCLE. PLASTIC RISER, DRAIN CHECK VALVE, STANDARD NOZZLE. INSTALL 6" POP UP IN ALL GRASS AREAS, INSTALL PURPLE NOZZLE FOR NON-POTABLE USE.
	ROTOR: HUNTER I-20-06-R 3.0 TURF ROTOR, 6IN. POP-UP, ADJUSTABLE AND FULL CIRCLE. PLASTIC RISER, DRAIN CHECK VALVE, STANDARD NOZZLE. INSTALL 6" POP UP IN ALL GRASS AREAS, INSTALL PURPLE NOZZLE FOR NON-POTABLE USE.
	ROTOR: HUNTER I-20-06-R 4.0 TURF ROTOR, 6IN. POP-UP, ADJUSTABLE AND FULL CIRCLE. PLASTIC RISER, DRAIN CHECK VALVE, STANDARD NOZZLE. INSTALL 6" POP UP IN ALL GRASS AREAS, INSTALL PURPLE NOZZLE FOR NON-POTABLE USE.
	ROTOR: HUNTER I-20-06-R 8.0 TURF ROTOR, 6IN. POP-UP, ADJUSTABLE AND FULL CIRCLE. PLASTIC RISER, DRAIN CHECK VALVE, STANDARD NOZZLE. INSTALL 6" POP UP IN ALL GRASS AREAS, INSTALL PURPLE NOZZLE FOR NON-POTABLE USE.
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	CONTROL VALVE: HUNTER ICV-R 1-1/2" 1", 1-1/2", 2", AND 3" PLASTIC ELECTRIC REMOTE CONTROL VALVES, WITH NPT THREADED INLET/OUTLET FOR COMMERCIAL/MUNICIPAL USE. INSTALL IN VALVE BOX WITH PURPLE LID FOR NON-POTABLE USE.
	QUICK COUPLER: RAIN BIRD 5-NP 1" 1IN. BRASS QUICK-COUPLING VALVE, WITH CORROSION-RESISTANT STAINLESS STEEL SPRING, LOCKING NON-POTABLE PURPLE RUBBER COVER, AND 1-PIECE BODY. INSTALL QUICK COUPLERS ON FIELDS, QTY-4, IN 10" ROUND VALVE BOXES. CONTROL QUICK COUPLERS THROUGH PHONE APP. INSTALL IN VALVE BOX WITH PURPLE LID FOR NON-POTABLE USE.
	BALL VALVE: LASCO INSTALL IN VALVE BOX WITH PURPLE LID FOR NON-POTABLE USE.
	GATE VALVE: LASCO BRASS INSTALL IN VALVE BOX WITH PURPLE LID FOR NON-POTABLE USE.
	MAIN ARAD: 4" FLOW METER/MASTER VALVE 4" PART# IS-BM-40 AC 1=100 INSTALL 6 WIRES (NO RED OR WHITE) COLOR 1: 2-SOLENOID COLOR 2: 2-DATA COLOR 3: 2-EXTRA INSTALL 12 GUAGE WIRE FROM ACE CONTROLLER TO POINT OF CONNECTION. INSTALL IN VALVE BOX WITH PURPLE LID FOR NON-POTABLE USE.
	SUB ARAD: 3" FLOW METER/MASTER VALVE 3" PART# IS-BM-30 AC 1=10 INSTALL 6 WIRES (NO RED OR WHITE) COLOR 1: 2-SOLENOID COLOR 2: 2-DATA COLOR 3: 2-EXTRA INSTALL IN VALVE BOX WITH PURPLE LID FOR NON-POTABLE USE.
	RPZ BACKFLOW: FCB0 LF860-FS LARGE 4" REDUCED PRESSURE BACKFLOW PREVENTER
	BALL FIELD CONTROLLERS: MOTOROLA IRRINET M EXTERIOR PEDESTAL MOUNT CONTROLLER WITH SURGE 12 STATION PART# IS-R1A-RU-SS
	BALL FIELD CONTROLLERS: MOTOROLA IRRINET M EXTERIOR PEDESTAL MOUNT CONTROLLER WITH SURGE 12 STATION PART# IS-R1A-RU-SS
	COMMON AREA SITE CONTROLLER: MOTOROLA IRRINET M EXTERNAL PEDESTAL MOUNT 48 STATION PART# IS-R4A-RU-SS
	MAIN CONTROLLER: MOTOROLA ACE INTERIOR WALL MOUNT CONTROLLER WITH SURGE 80 STATION PART# IS-A5A-IPU-RN-WS CONTROLLER CABINET 34"WIDE X 45" TALL X 10" DEEP CONTRACTOR TO COORDINATE DOOR HINGE SIDE WITH MANUFACTURER.
	SOUTHEAST CONTROLLER: MOTOROLA IRRINET M EXTERIOR PEDESTAL MOUNT CONTROLLER WITH SURGE 36 STATION PART# IS-R3A-RU-SS
	RAIN/FREEZE SENSOR: HUNTER WRF-CLK RAIN/FREEZE SENSOR, INSTALL WITHIN 1000 FT OF CONTROLLER, IN LINE OF SIGHT. 22-28 VAC/VDC 100 MA POWER FROM TIMER TRANSFORMER. MOUNT AS NOTED. INCLUDES GUTTER MOUNT.
	BOOSTER PUMP - BASE BID INCONTROL 273 GPM AT 60 PSI BOOSTER 1.5 HP PUMP/MOTOR / SEE SHEET L5.24 MONSOON SERIES, APPROX 6' L X 3'-7" D X 6'H 480 VOLT/3 PHASE OR 240 VOLT/3 PHASE
	SUBMERSIBLE PUMP - BID ALT 275 GPM AT 100 PSI BOOSTER / SEE SHEET L5.23 10 HP MAIN PUMP/MOTOR & 7.5 HP JOCKEY PUMP/MOTOR SUBMARINE TURBINE SERIES WITH SELF CLENAING FILTER APPROX 6' L X 4'W X 4' H 240 VOLT/3 PHASE
	SUBMERSIBLE PUMP - BID ALT 275 GPM AT 100 PSI BOOSTER 10 HP MAIN PUMP/MOTOR & 7.5 HP JOCKEY PUMP/MOTOR SUBMARINE TURBINE SERIES WITH SELF CLENAING FILTER APPROX 6' L X 4'W X 4' H 240 VOLT/3 PHASE
	SUBMERSIBLE PUMP - BID ALT 275 GPM AT 100 PSI BOOSTER 10 HP MAIN PUMP/MOTOR & 7.5 HP JOCKEY PUMP/MOTOR SUBMARINE TURBINE SERIES WITH SELF CLENAING FILTER APPROX 6' L X 4'W X 4' H 240 VOLT/3 PHASE
	WATER METER 4" STATIC PRESSURE OF 80 PSI AT METER PROVIDED BY THE CITY ON 9/7/2023.
	WATER METER 4" STATIC PRESSURE OF 80 PSI AT METER PROVIDED BY THE CITY ON 9/7/2023.
	POINT OF CONNECTION 4"
	POINT OF CONNECTION 4"
	POINT OF CONNECTION 4"
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 1/2" INSTALL PURPLE PIPE FOR NON-POTABLE USE.
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 3/4" INSTALL PURPLE PIPE FOR NON-POTABLE USE.
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 1" INSTALL PURPLE PIPE FOR NON-POTABLE USE.
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 1 1/4" INSTALL PURPLE PIPE FOR NON-POTABLE USE.
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 1 1/2" INSTALL PURPLE PIPE FOR NON-POTABLE USE.
	IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 2" INSTALL PURPLE PIPE FOR NON-POTABLE USE.

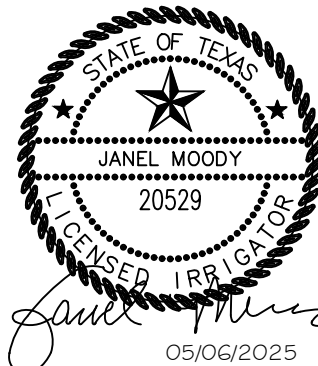


NO.	DATE	DESCRIPTION
6.	1/30/2025	ASI #17 - IRRIGATION UPDATES
7.	4/03/2025	RFT #49 - IRRIGATION FIELD UPDATES
8.	5/14/2025	ASI #19 - IRRIGATION ADDITIONAL METER UPDATES
9.	6/12/2025	RFT #59 - IRRIGATION BACKFLOW UPDATE
10.	7/21/2025	ASI #20 - IRRIGATION PUMP UPDATES

OVERALL IRRIGATION PLAN



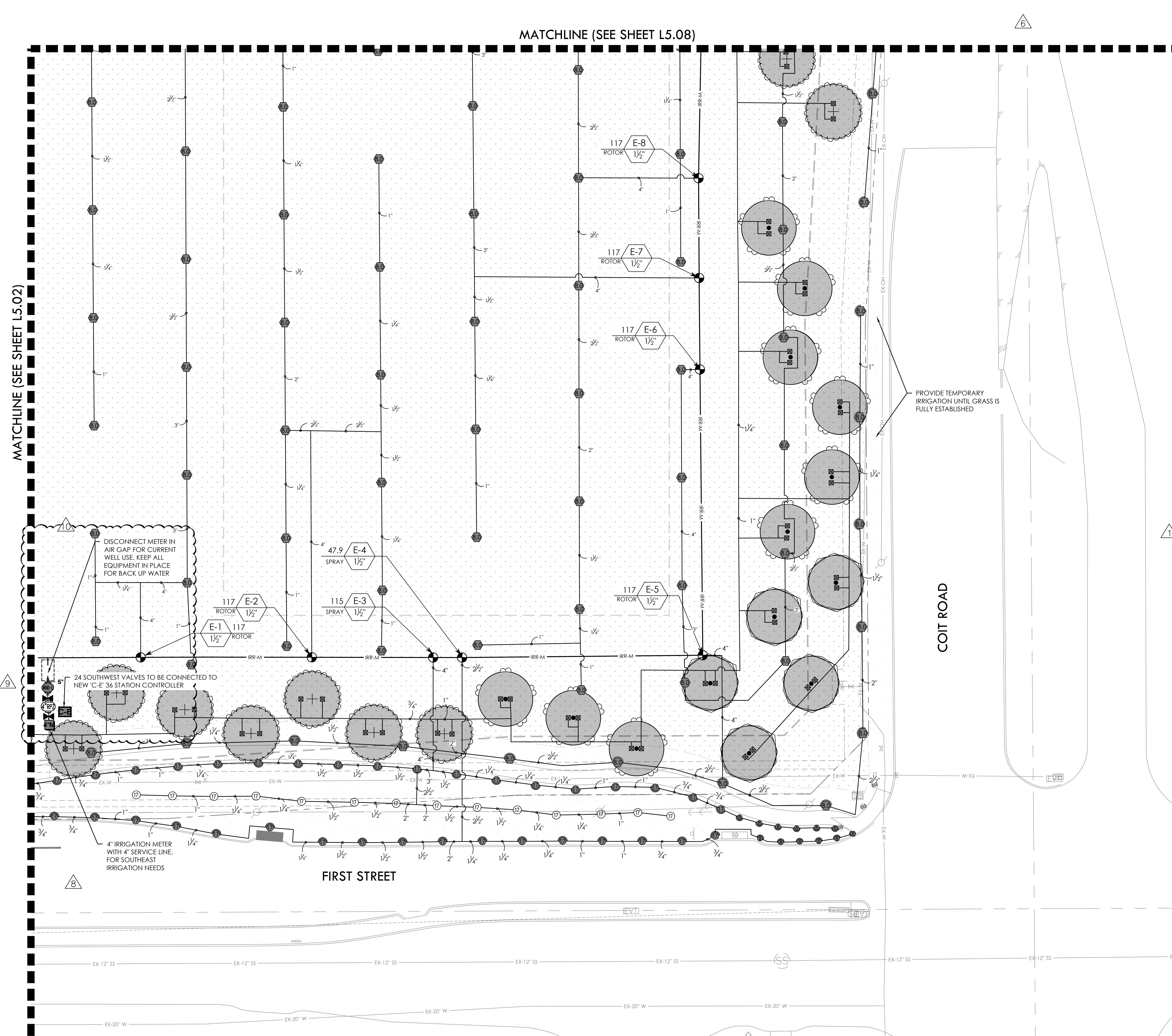
RAYMOND COMMUNITY PARK
BLOCK 1, LOT 1
WILLIAM BUTLER SURVEY, ABSTRACT NO. 112
TOWN OF PROSPER, COLLIN COUNTY, TEXAS
TOWN PROJECT #: 2122-PK



JOB NO.	7691.001
DESIGNED BY:	JMM
DRAWN BY:	JMM
CHECKED BY:	KLS
DATE:	MAY 6, 2025
SHEET:	L5.00

BID PACKAGE #2

BID PACKAGE #1



  VALVE CALLOUT NUMBERS
HAVE BEEN UPDATED

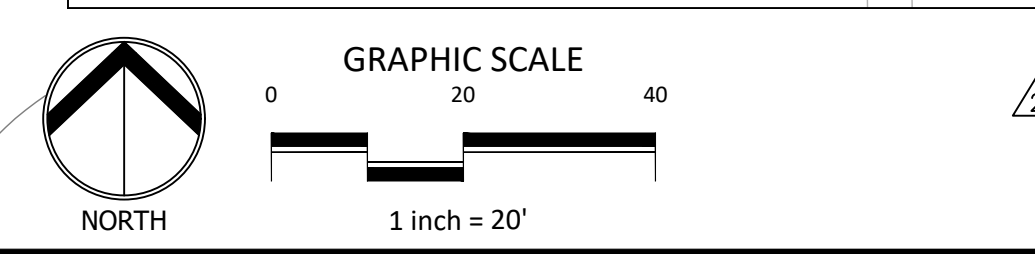
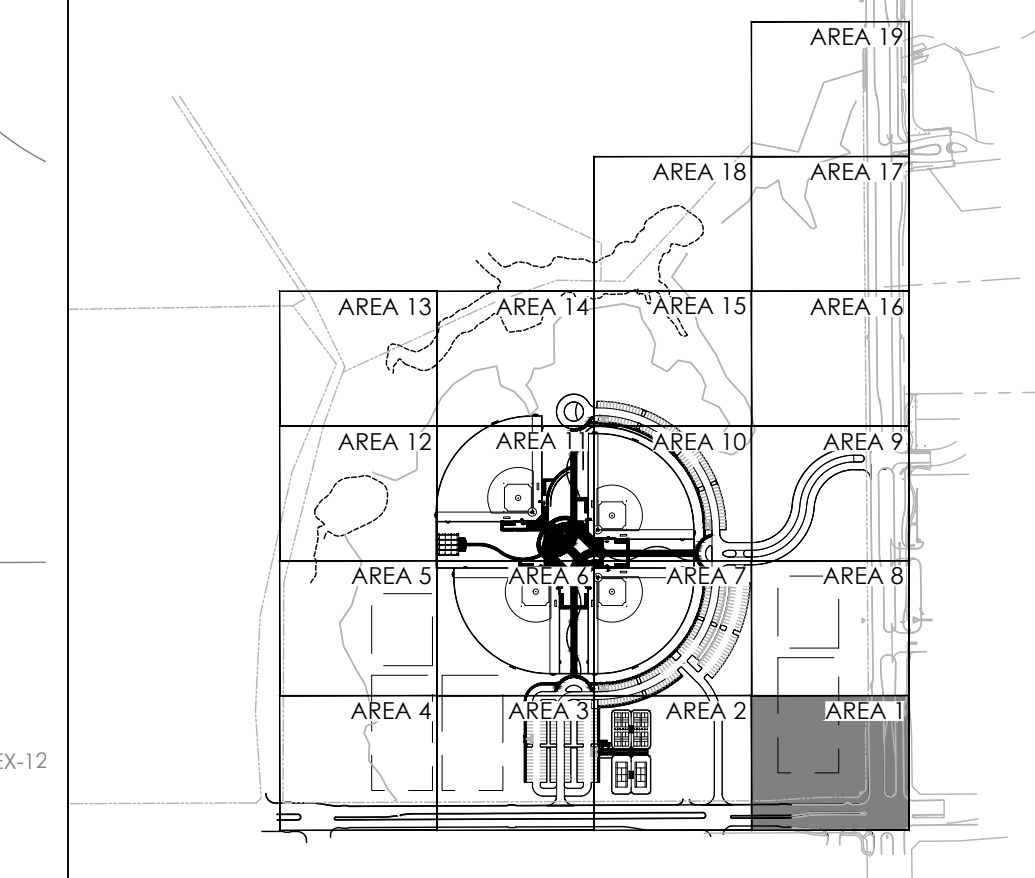
- | | |
|---|---|
|  | <p>NOTES:</p> <ol style="list-style-type: none"> 1. ALL PIPE 3" AND LARGER NEEDS TO BE GASKETED PIPE WITH MJ DUCTILE IRON FITTINGS AND CONCRETE THRUST BLOCKS. 2. THE SYSTEM WILL REQUIRE A MINIMUM OF TWO AIR RELIEF VALVE TO BE FIELD LOCATED. |
|---|---|

BID PACKAGE #1:
SLEEVING FOR PARKING AND FIRELANES ONLY

BID PACKAGE #2:
REMAINING SITE CONCRETE SLEEVING

REFER TO L5.00 FOR FULL IRRIGATION SCHEDULE

KEY MAP



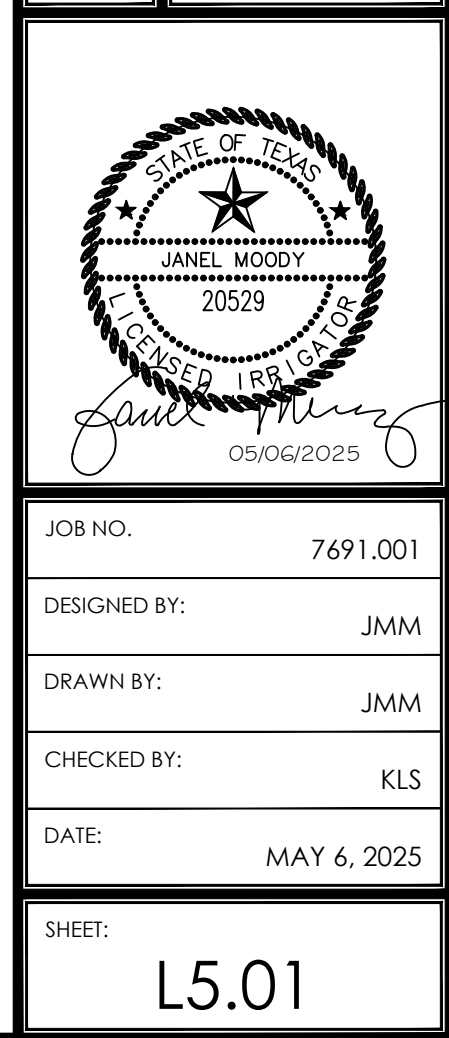
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NO.	DATE	DESCRIPTION
6.	1/30/2025	ASI #17 - IRRIGATION UPDATES
7.	4/03/2025	RFI #49 - IRRIGATION FIELD UPDATES
8.	5/14/2025	ASI #19 - IRRIGATION ADDITIONAL METER UPDATES
9.	6/12/2025	RFI #59 - IRRIGATION BACKFLOW UPDATE
10.	7/21/2025	ASI #20 - IRRIGATION PUMP UPDATES

IRRIGATION PLAN - AREA 1

RAYMOND COMMUNITY PARK
BLOCK 1, LOT 1

WILLIAM BUTLER SURVEY, ABSTRACT NO. 112
TOWN OF PROSPER, COLLIN COUNTY, TEXAS
TOWN PROJECT #2122-PK

 **DUNAWAY**
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel. 817.258.1121
(Tx Reg. F-114)



FULL PATH: P:\070601\7691\001\Irrigation\Plan Sheets\7691-Irrigation Plan
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PLOT DATE: 05/06/2025
PLOT BY: JMM

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MATCHLINE (SEE SHEET L5.07)

MATCHLINE (SEE SHEET L5.01)

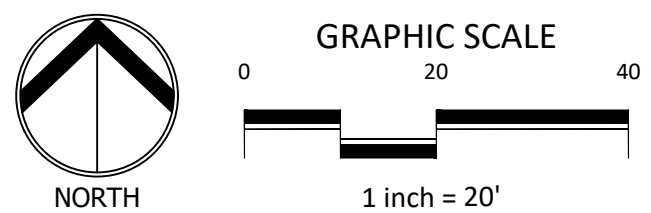
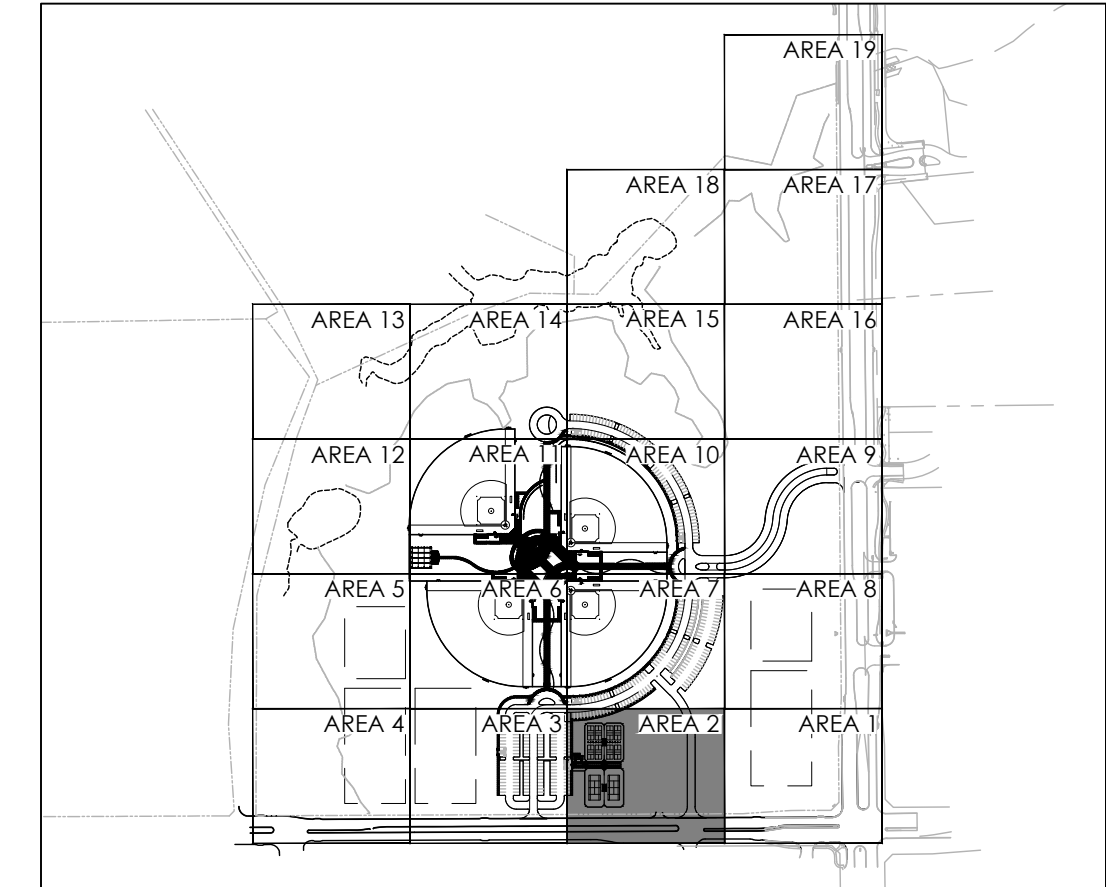
- NOTES:
- ALL PIPE 3" AND LARGER NEEDS TO BE GASKETED PIPE WITH MJ DUCTILE IRON FITTINGS AND CONCRETE THRUST BLOCKS.
 - THE SYSTEM WILL REQUIRE A MINIMUM OF TWO AIR RELIEF VALVE TO BE FIELD LOCATED.

BID PACKAGE #1:
SLEEVING FOR PARKING AND FIRELANES ONLY

BID PACKAGE #2:
REMAINING SITE CONCRETE SLEEVING

REFER TO L5.00 FOR FULL IRRIGATION SCHEDULE

KEY MAP



VALVE CALLOUT NUMBERS
HAVE BEEN UPDATED

TEMPORARY IRRIGATION
IN LIMITS OF DISTURBANCE

IRRINET M, 12 STATION
CONTROLLER MOUNTED
ON INTERIOR OR
EXTERIOR WALL AT
RESTROOM BUILDING.
CONTRACTOR TO
COORDINATE POWER

4" IRRIGATION METER
WITH 4" SERVICE LINE,
FOR BACK UP WATER,
REF. CIVIL

BOOSTER PUMP
DISCONNECT METER IN
AIR GAP FOR CURRENT
WELL USE. KEEP ALL
EQUIPMENT IN PLACE
FOR BACK UP WATER

FIRST STREET

EXISTING IRRIGATION
TO REMAIN, PROTECT IN
PLACE

EXISTING IRRIGATION
VALVE TO BE RELOCATED

EXISTING IRRIGATION TO BE
ADJUSTED AS NECESSARY
FOR NEW CONSTRUCTION

IRRIGATION PLAN - AREA 2

RAYMOND COMMUNITY PARK
BLOCK 1, LOT 1
WILLIAM BUTLER SURVEY, ABSTRACT NO. 112
TOWN OF PROSPER, COLLIN COUNTY, TEXAS
TOWN PROJECT #:2122-PK



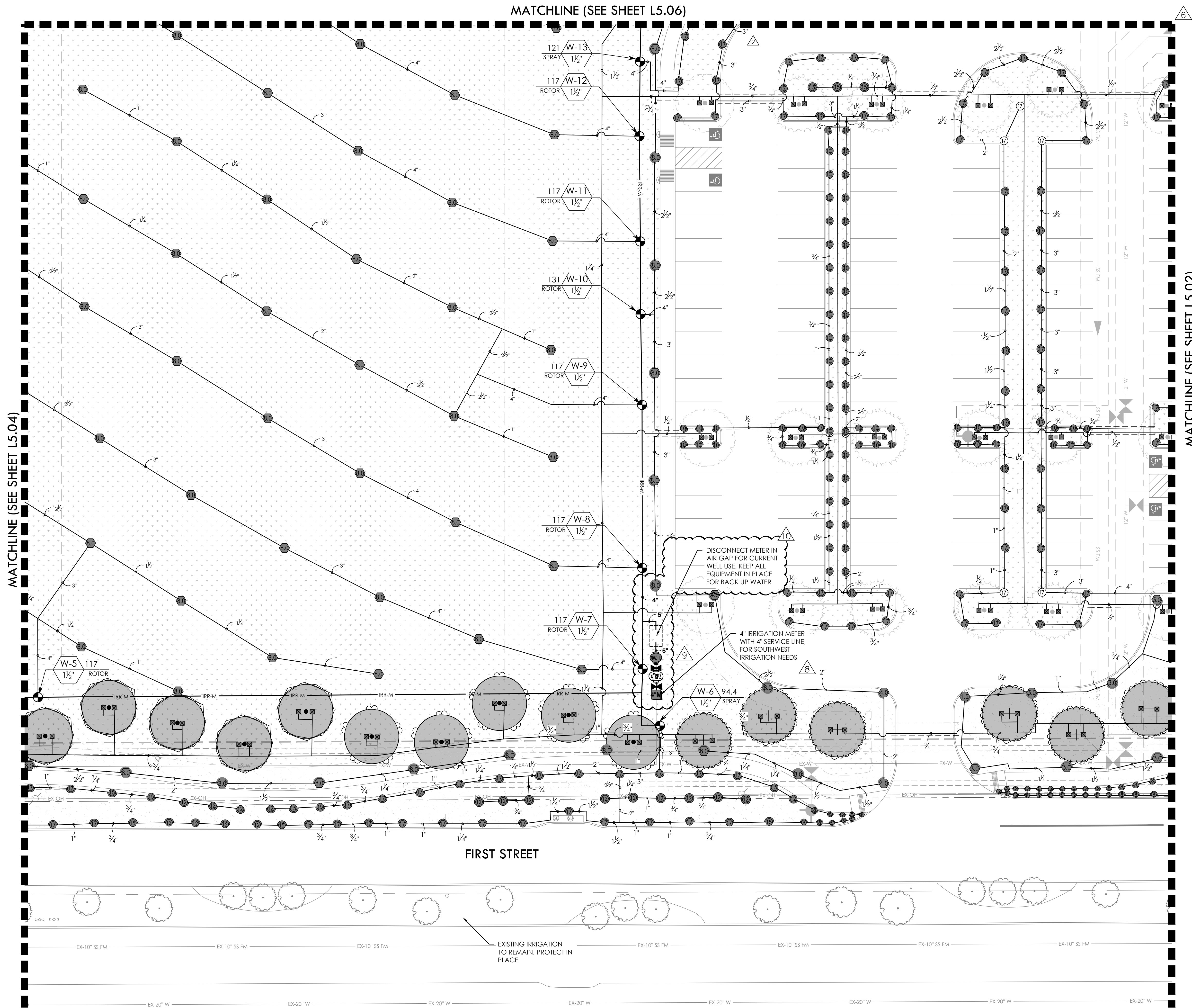
JOB NO.	7691.001
DESIGNED BY:	JMM
DRAWN BY:	JMM
CHECKED BY:	KLS
DATE:	MAY 6, 2025
SHEET:	L5.02

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
PH: 817.341.1144

REVISIONS		DESCRIPTION
NO.	DATE	
3.	10/21/2024	PR #2.3 - IRRIGATION UPDATES
6.	1/30/2025	ASI #17 - IRRIGATION UPDATES
7.	4/03/2025	RFI #49 - IRRIGATION FIELD UPDATES
8.	5/14/2025	ASI #19 - IRRIGATION ADDITIONAL METER UPDATES
10.	7/21/2025	ASI #20 - IRRIGATION PUMP UPDATES

BID PACKAGE #1
BID PACKAGE #2

FULL PATH: P:\070601\7691\001\Irrigation\Irrigation Plan.dwg
PLOT DATE: 05/06/2025
PLOT BY: JMM



7 8 VALVE CALLOUT NUMBERS HAVE BEEN UPDATED

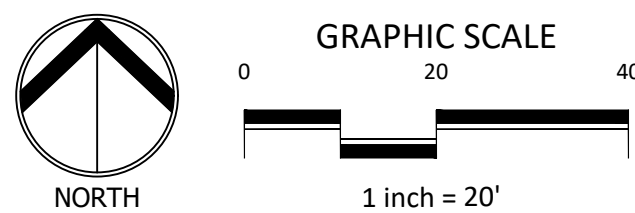
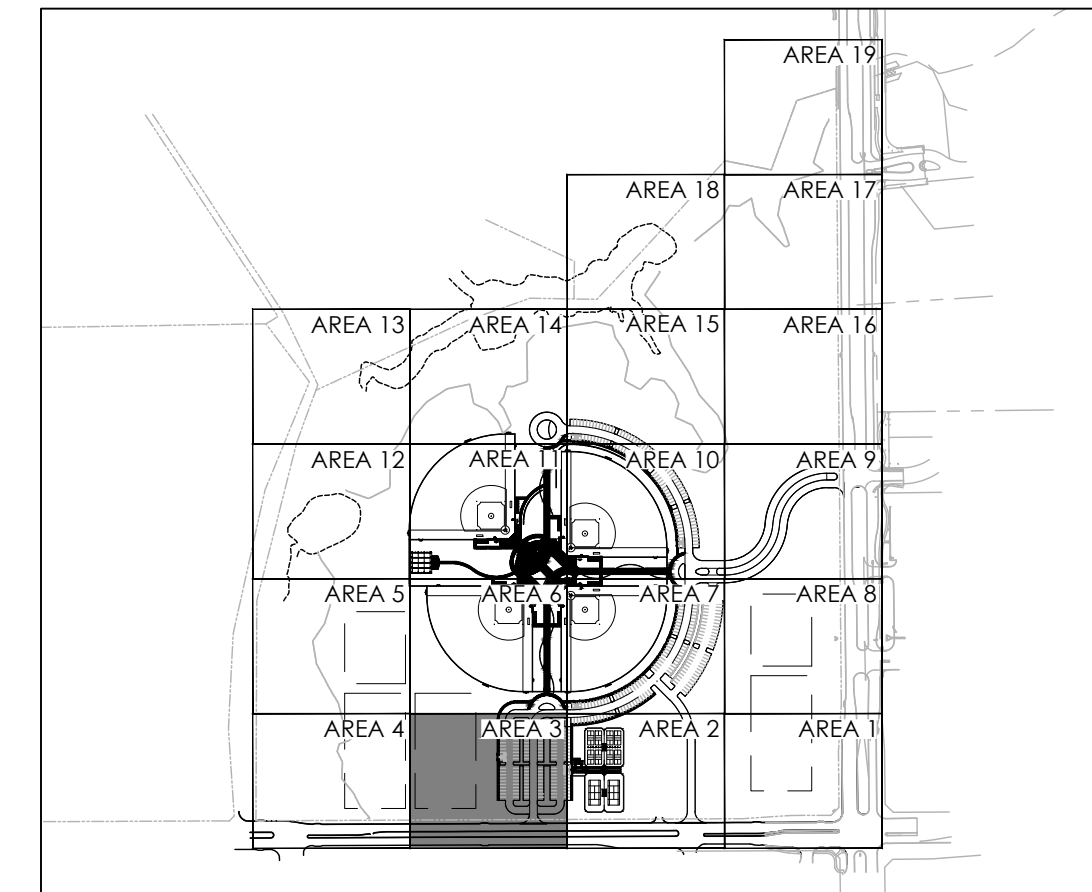
- NOTES:
- ALL PIPE 3" AND LARGER NEEDS TO BE GASKETED PIPE WITH MJ DUCTILE IRON FITTINGS AND CONCRETE THRUST BLOCKS.
 - THE SYSTEM WILL REQUIRE A MINIMUM OF TWO AIR RELIEF VALVE TO BE FIELD LOCATED.

BID PACKAGE #1:
SLEEVING FOR PARKING AND FIRELANES ONLY

BID PACKAGE #2:
REMAINING SITE CONCRETE SLEEVING

REFER TO L5.00 FOR FULL IRRIGATION SCHEDULE

KEY MAP

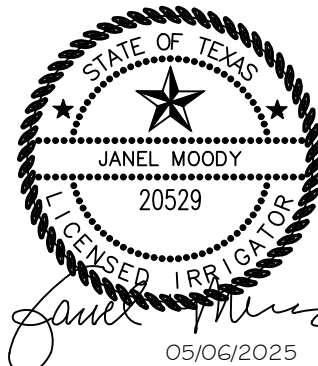


REVISIONS		DESCRIPTION
NO.	DATE	
6.	1/30/2025	ASI #17 - IRRIGATION UPDATES
7.	4/03/2025	RFI #49 - IRRIGATION FIELD UPDATES
8.	5/14/2025	ASI #19 - IRRIGATION ADDITIONAL METER UPDATES
9.	6/12/2025	RFI #59 - IRRIGATION BACKFLOW UPDATE
10.	7/21/2025	ASI #20 - IRRIGATION PUMP UPDATES

IRRIGATION PLAN - AREA 3

DUNAWAY
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PH: 817.414.1114

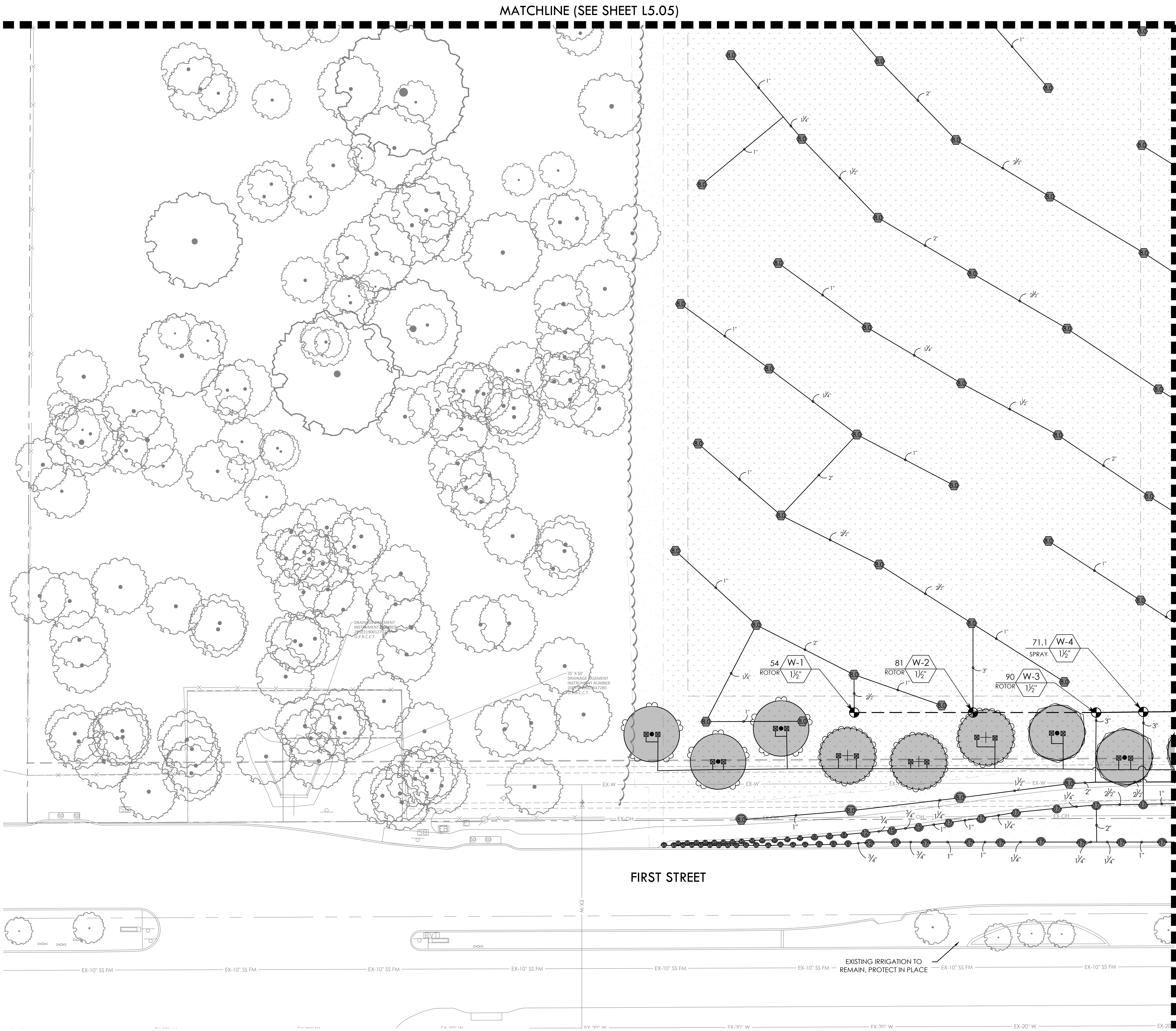
RAYMOND COMMUNITY PARK
BLOCK 1, LOT 1
WILLIAM BUTLER SURVEY, ABSTRACT NO. 112
TOWN OF PROSPER, COLLIN COUNTY, TEXAS
TOWN PROJECT #: 2122-PK



JOB NO.	7691.001
DESIGNED BY:	JMM
DRAWN BY:	JMM
CHECKED BY:	KLS
DATE:	MAY 6, 2025
SHEET:	L5.03

BID PACKAGE #1 BID PACKAGE #2

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PLOT DATE: 05/06/2025
PLOT BY: JMM



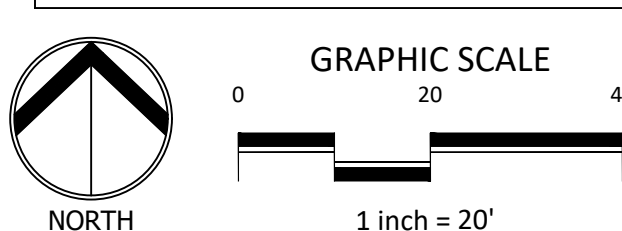
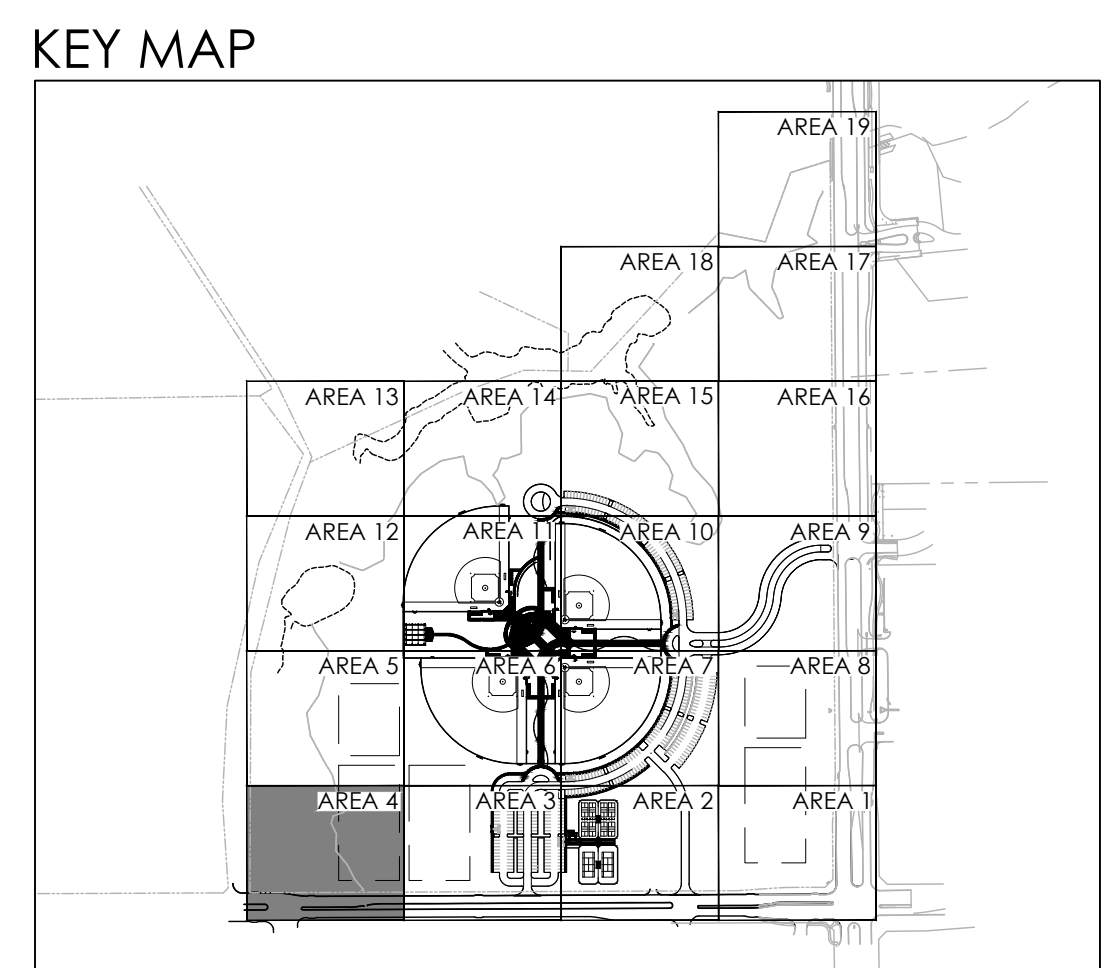
2 7 8 VALVE CALLOUT NUMBERS HAVE BEEN UPDATED

- NOTES:
1. ALL PIPE 3" AND LARGER NEEDS TO BE GASKETED PIPE WITH MJ DUCTILE IRON FITTINGS AND CONCRETE THRUST BLOCKS.
 2. THE SYSTEM WILL REQUIRE A MINIMUM OF TWO AIR RELIEF VALVE TO BE FIELD LOCATED.

BID PACKAGE #1:
SLEEVING FOR PARKING AND FIRELANES ONLY

BID PACKAGE #2:
REMAINING SITE CONCRETE SLEEVING

REFER TO L5.00 FOR FULL IRRIGATION SCHEDULE



REVISIONS	
NO.	DESCRIPTION
1.	3/20/2024 GMP#2 Addendum No. 1
2.	8/16/2024 PR #2.2 - MULTI-USE FIELD/POND
7.	4/03/2025 REF #49 - IRRIGATION FIELD UPDATES
8.	5/14/2025 ASI #19 - IRRIGATION ADDITIONAL METER UPDATES

IRRIGATION PLAN - AREA 4

DUNAWAY

550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
PH: 817.414.1114

RAYMOND COMMUNITY PARK
BLOCK 1, LOT 1

WILLIAM BUTLER SURVEY, ABSTRACT NO. 112
TOWN OF PROSPER, COLLIN COUNTY, TEXAS
TOWN PROJECT #2122-PK

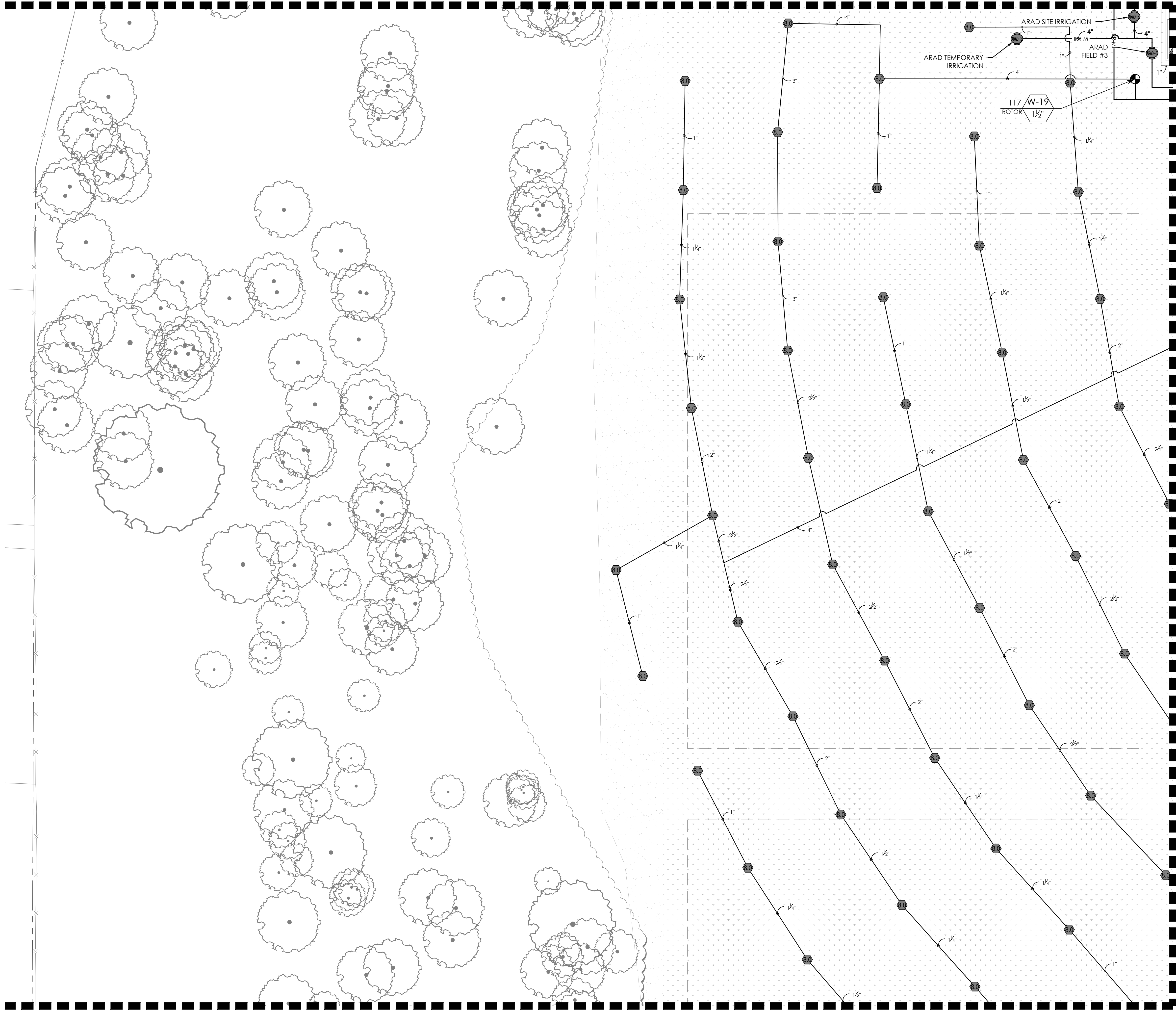
STATE OF TEXAS
JANEL MOODY
20529
LICENSED IRRIGATOR
05/06/2025

JOB NO.	7691.001
DESIGNED BY:	JMM
DRAWN BY:	JMM
CHECKED BY:	KLS
DATE:	MAY 6, 2025
SHEET:	L5.04

BID PACKAGE #1 BID PACKAGE #2

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PLOTTED ON: Monday, July 21, 2025

MATCHLINE (SEE SHEET L5.12)



MATCHLINE (SEE SHEET L5.04)

MATCHLINE (SEE SHEET L5.06)

2 7 8 VALVE CALLOUT NUMBERS
HAVE BEEN UPDATED

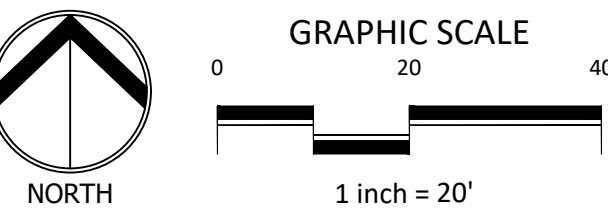
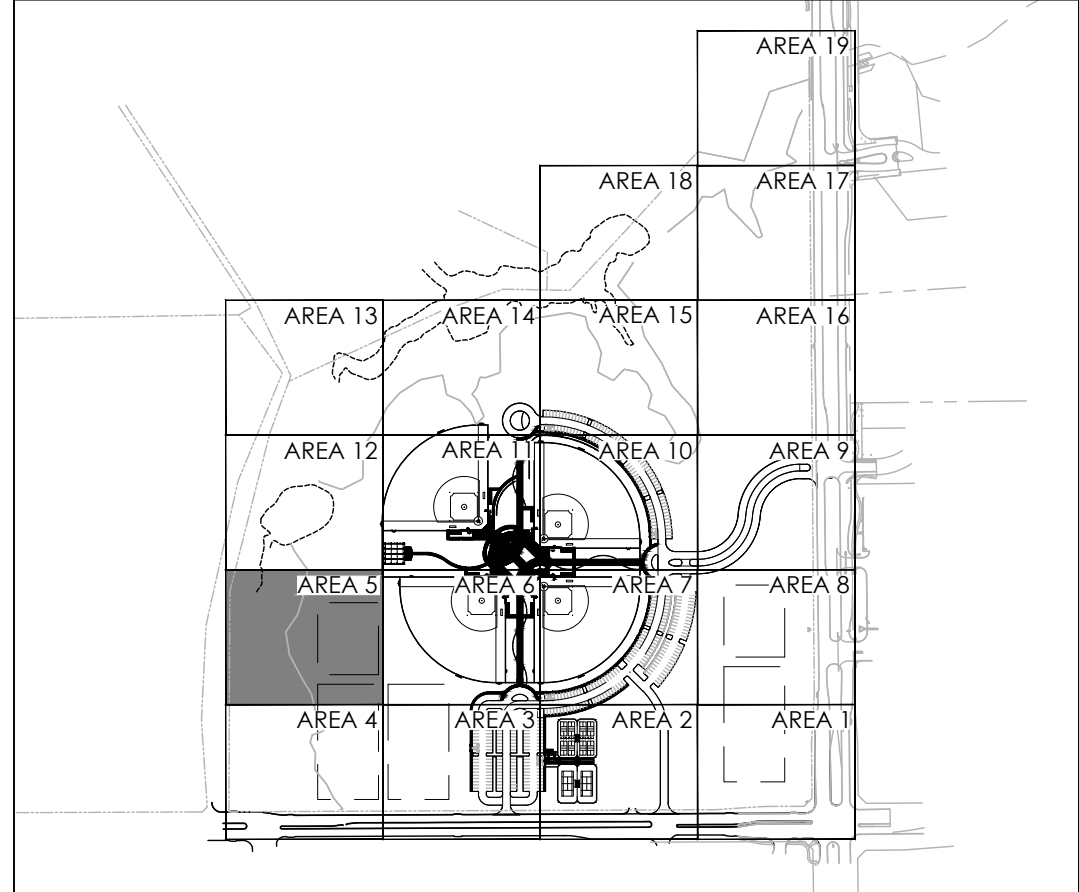
- NOTES:
1. ALL PIPE 3" AND LARGER NEEDS TO BE GASKETED PIPE WITH MJ DUCTILE IRON FITTINGS AND CONCRETE THRUST BLOCKS.
 2. THE SYSTEM WILL REQUIRE A MINIMUM OF TWO AIR RELIEF VALVE TO BE FIELD LOCATED.

BID PACKAGE #1:
SLEEVING FOR PARKING AND FIRELANES ONLY

BID PACKAGE #2:
REMAINING SITE CONCRETE SLEEVING

REFER TO L5.00 FOR FULL IRRIGATION SCHEDULE

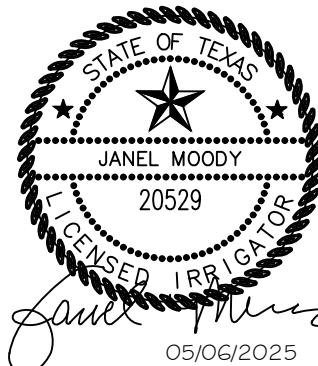
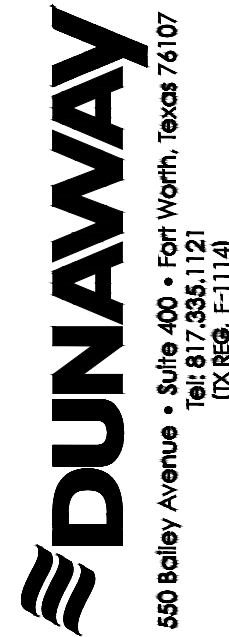
KEY MAP



IRRIGATION PLAN - AREA 5

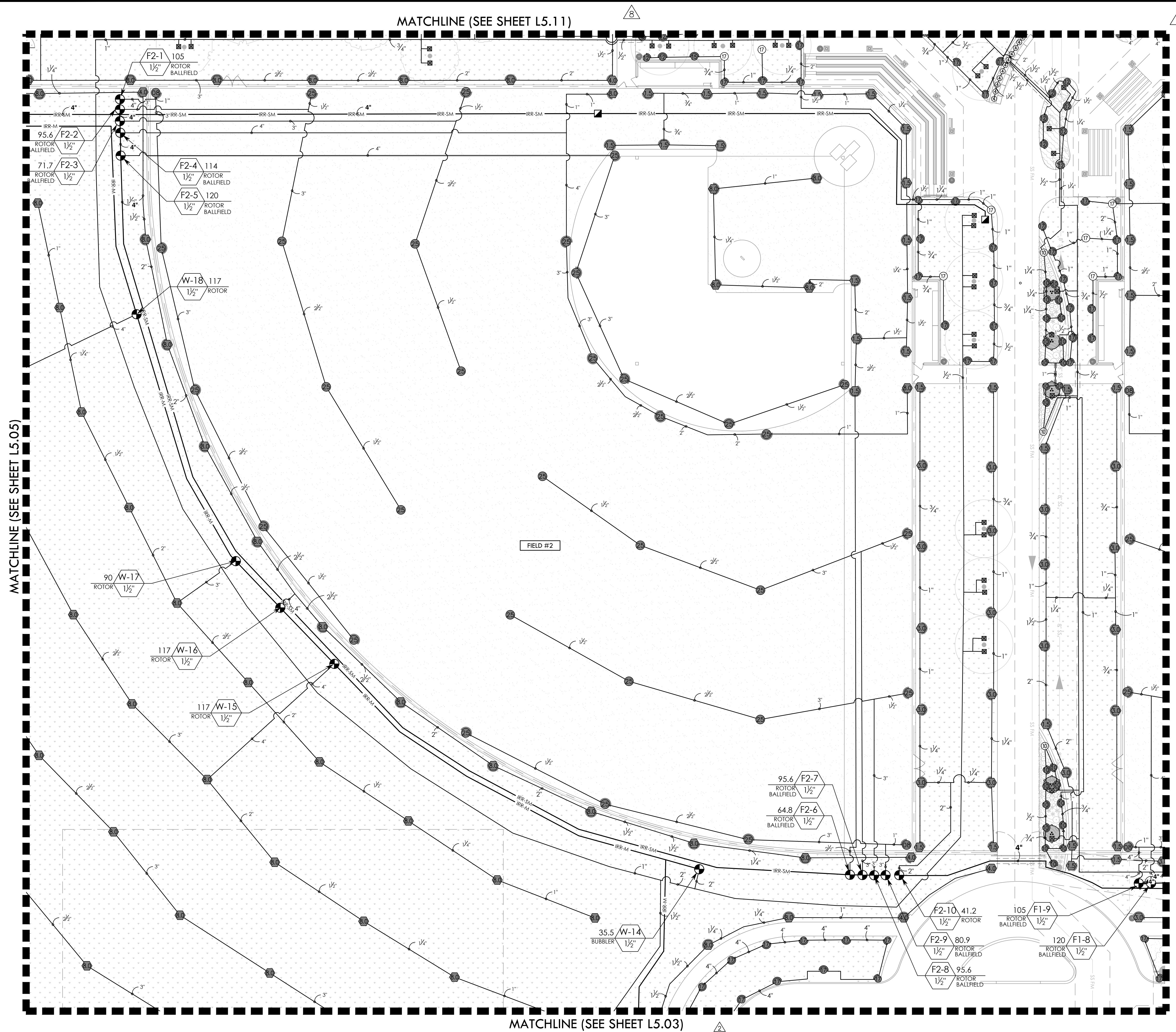
RAYMOND COMMUNITY PARK
BLOCK 1, LOT 1

WILLIAM BUTLER SURVEY, ABSTRACT NO. 112
TOWN OF PROSPER, COLLIN COUNTY, TEXAS
TOWN PROJECT #: 2122-PK



JOB NO.	7691.001
DESIGNED BY:	JMM
DRAWN BY:	JMM
CHECKED BY:	KLS
DATE:	MAY 6, 2025
SHEET:	L5.05

BID PACKAGE #1 | BID PACKAGE #2

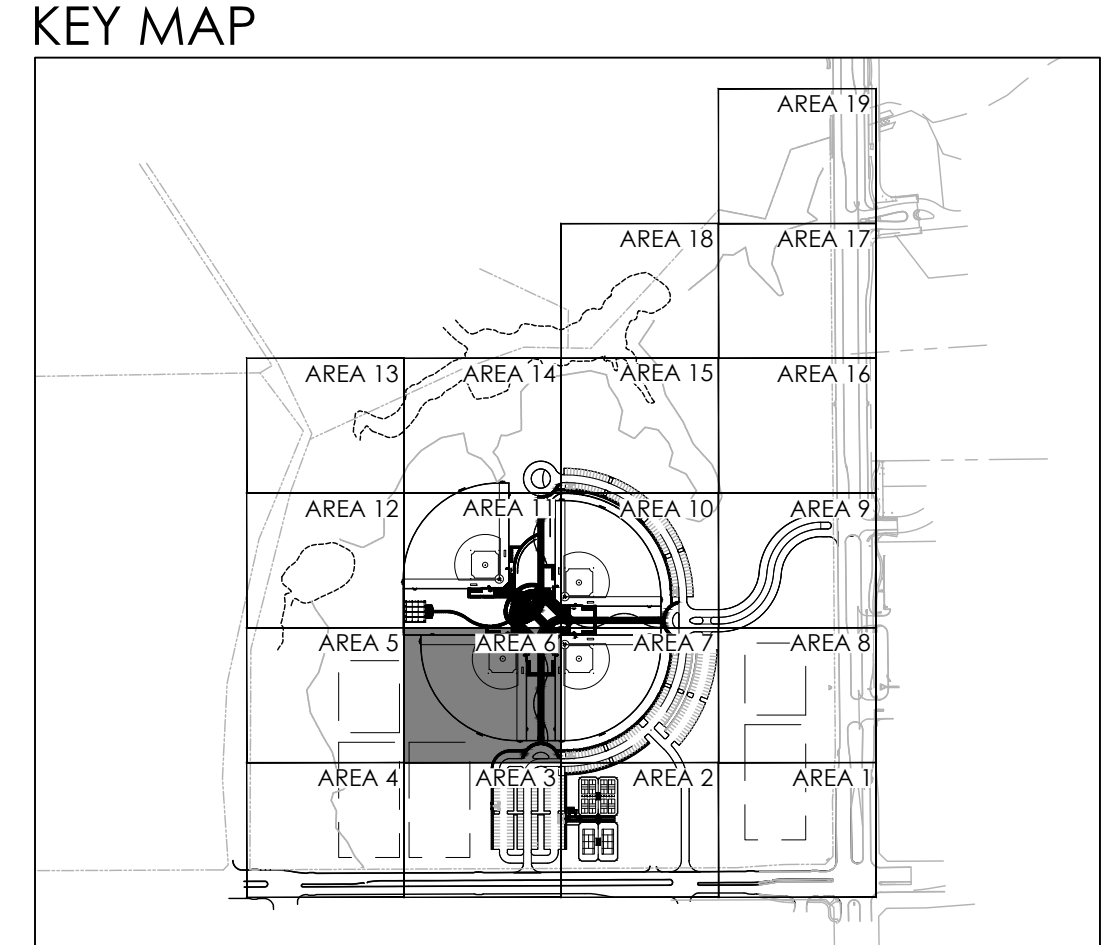


  VALVE CALLOUT NUMBERS
HAVE BEEN UPDATED

- NOTES:**
1. ALL PIPE 3" AND LARGER NEEDS TO BE GASKETED PIPE WITH MJ DUCTILE IRON FITTINGS AND CONCRETE THRUST BLOCKS.
 2. THE SYSTEM WILL REQUIRE A MINIMUM OF TWO AIR RELIEF VALVE TO BE FIELD LOCATED.

BID PACKAGE #1:
SLEEVING FOR PARKING AND FIRELANES ONLY

REFER TO L5.00 FOR FULL IRRIGATION SCHEDULE

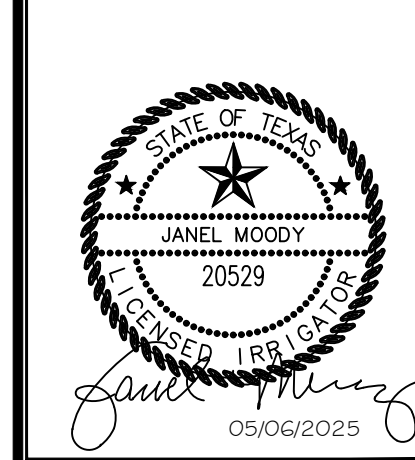


REVISIONS		
NO.	DATE	DESCRIPTION
1.	3/20/2024	GMP#2 Addendum No. 1
2.	8/16/2024	PR #2.2 - MULTI-USE FIELD/POND
6.	1/30/2025	ASI #17 - IRRIGATION UPDATES
7.	4/03/2025	RFI #49 - IRRIGATION FIELD UPDATES
8.	5/14/2025	ASI #19 - IRRIGATION ADDITIONAL METER UPDATES

IRRIGATION PLAN - AREA 6



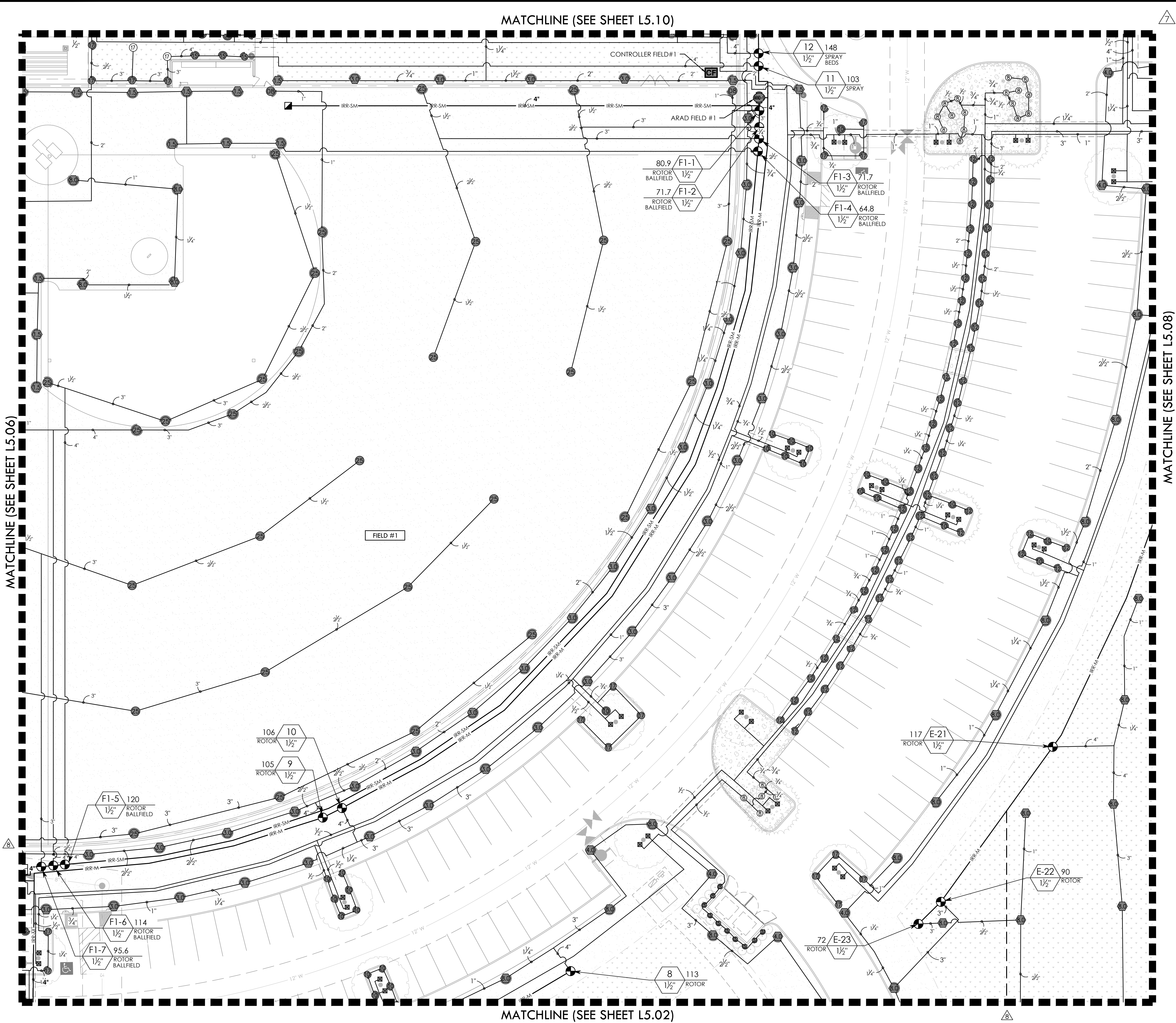
RAYMOND COMMUNITY PARK
BLOCK 1, LOT 1
WILLIAM BUTLER SURVEY, ABSTRACT NO. 112
TOWN OF PROSPER, COLLIN COUNTY, TEXAS



JOB NO.	7691.001
DESIGNED BY:	JMM
DRAWN BY:	JMM
CHECKED BY:	KLS
DATE:	MAY 6, 2025
SHEET: L5.06	

BID PACKAGE #1 BID PACKAGE #2

FULL PATH: P:\070601\7691.001\Irrigation\Drawings\Plan Sheets\7691.001 Irrigation Plan
FILENAME: 7691.001 Irrigation Plan
PLOTTED ON: Monday, July 21, 2025



VALVE CALLOUT NUMBERS
HAVE BEEN UPDATED

NOTES:

- ALL PIPE 3" AND LARGER NEEDS TO BE GASKETED PIPE WITH MJ DUCTILE IRON FITTINGS AND CONCRETE THRUST BLOCKS.
- THE SYSTEM WILL REQUIRE A MINIMUM OF TWO AIR RELIEF VALVE TO BE FIELD LOCATED.

BID PACKAGE #1:
SLEEVING FOR PARKING AND FIRELANES ONLY

BID PACKAGE #2:
REMAINING SITE CONCRETE SLEEVING

REFER TO L5.00 FOR FULL IRRIGATION SCHEDULE

KEY MAP

GRAPHIC SCALE
0 20 40
1 inch = 20'

NORTH

IRRIGATION PLAN - AREA 7

RAYMOND COMMUNITY PARK
BLOCK 1, LOT 1

WILLIAM BUTLER SURVEY, ABSTRACT NO. 112
TOWN OF PROSPER, COLLIN COUNTY, TEXAS
TOWN PROJECT #: 2122-PK

DUNAWAY

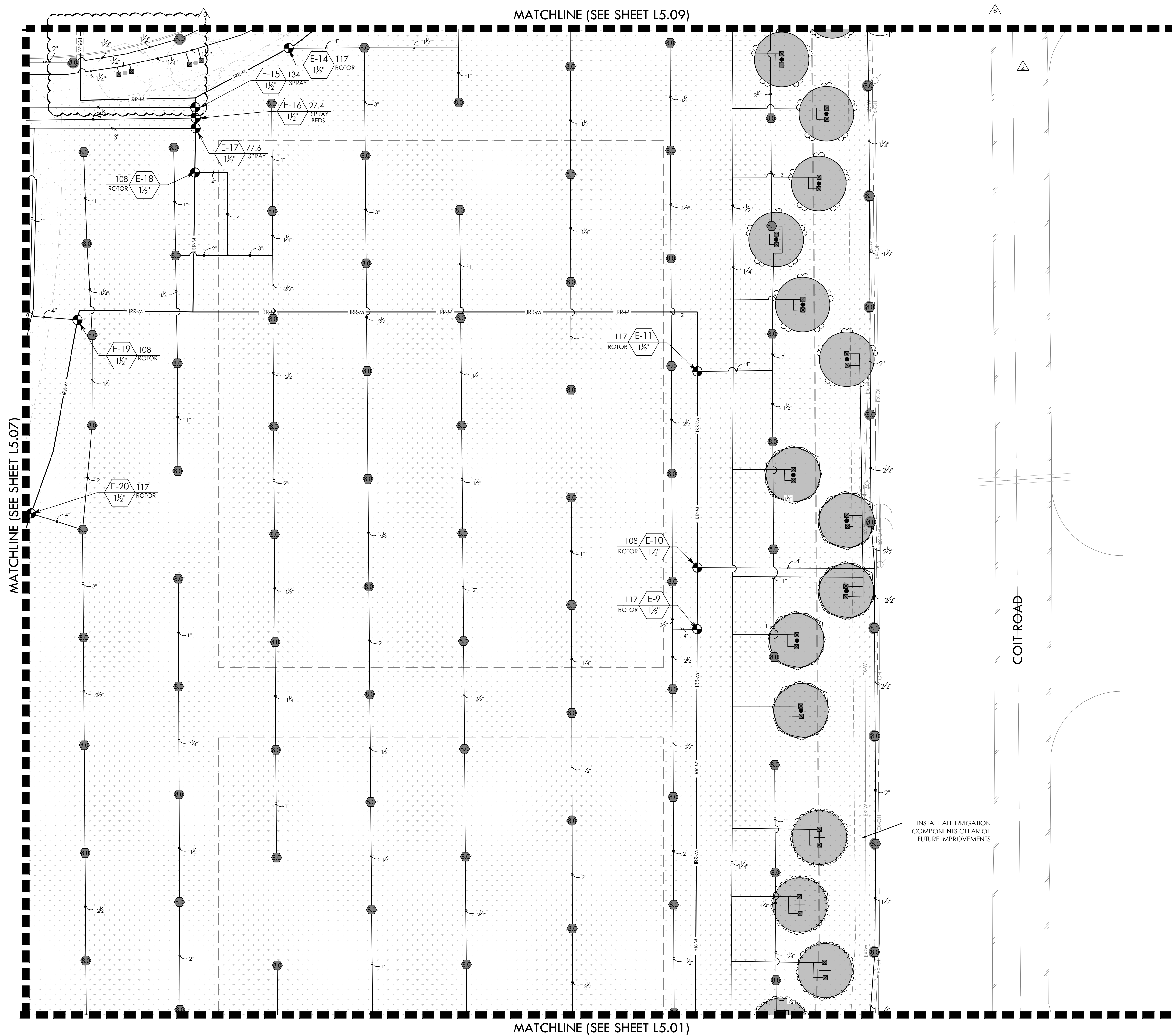
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
PH: 817.411.1144

STATE OF TEXAS
JANEL MOODY
20529
LICENSED IRRIGATOR
05/06/2025

JOB NO. 7691.001
DESIGNED BY: JMM
DRAWN BY: JMM
CHECKED BY: KLS
DATE: MAY 6, 2025
SHEET: L5.07

BID PACKAGE #1
BID PACKAGE #2

REVISIONS		DESCRIPTION
NO.	DATE	
1.	3/20/2024	GMP#2 Addendum No. 1
2.	8/16/2024	PR #2.2 - MULTI-USE FIELD/POND
6.	1/30/2025	ASI #17 - IRRIGATION UPDATES
7.	4/03/2025	RFI #49 - IRRIGATION FIELD UPDATES
8.	5/14/2025	ASI #19 - IRRIGATION ADDITIONAL METER UPDATES



  VALVE CALLOUT NUMBERS
HAVE BEEN UPDATED

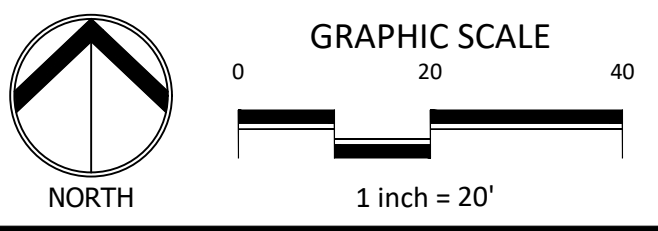
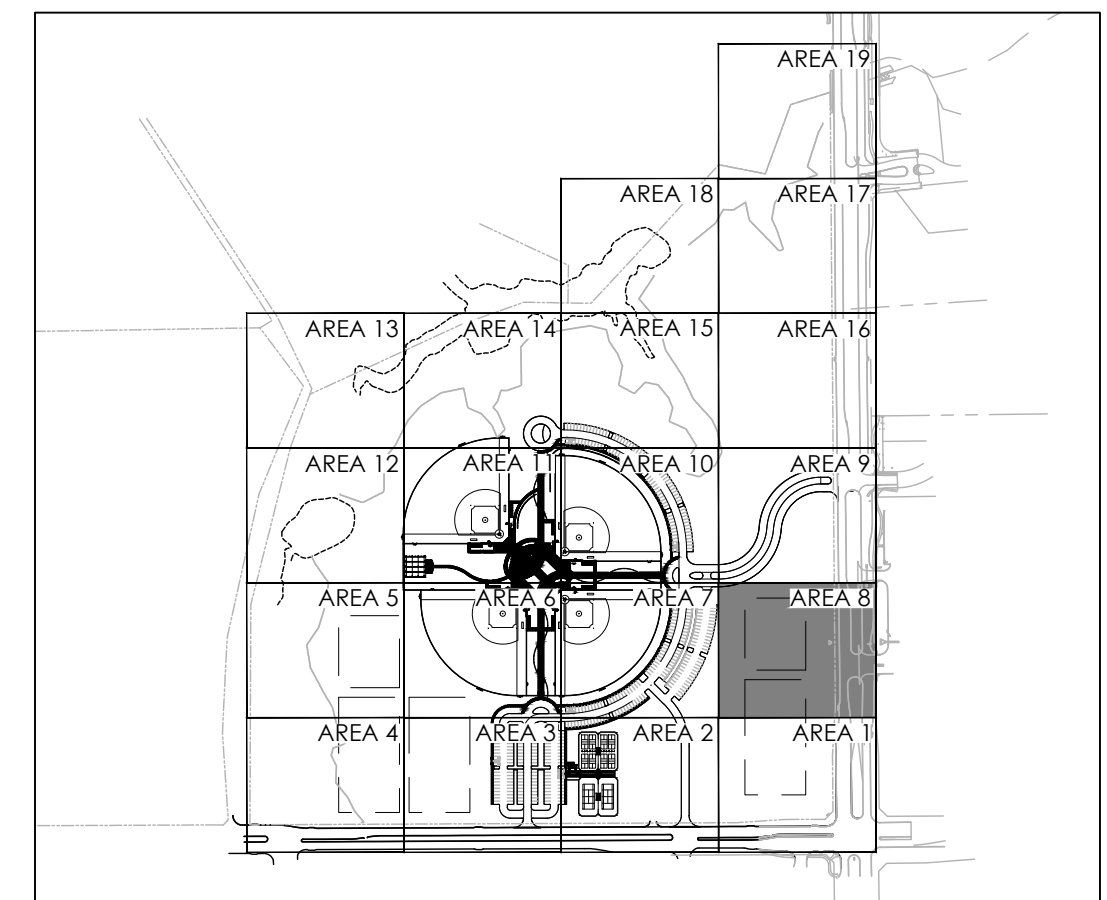
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|---|
| <p>NOTES:</p> <ol style="list-style-type: none"> 1. ALL PIPE 3" AND LARGER NEEDS TO BE GASKETED PIPE WITH MJ DUCTILE IRON FITTINGS AND CONCRETE THRUST BLOCKS. 2. THE SYSTEM WILL REQUIRE A MINIMUM OF TWO AIR RELIEF VALVE TO BE FIELD LOCATED. |
|---|

BID PACKAGE #1:
SLEEVING FOR PARKING AND FIRELANES ONLY

BID PACKAGE #2:
REMAINING SITE CONCRETE SLEEVING

REFER TO L5.00 FOR FULL IRRIGATION SCHEDULE

KEY MAP



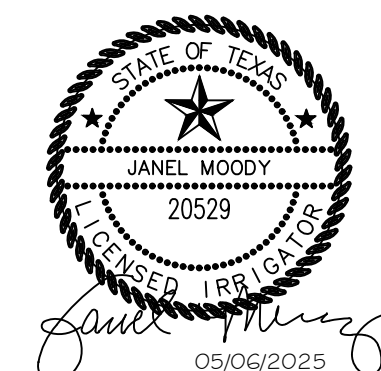
REVISIONS		
NO.	DATE	DESCRIPTION
2.	8/16/2024	PR #2.2 - MULTI-USE FIELD/POND
6.	1/30/2025	ASI #17 - IRRIGATION UPDATES
7.	4/03/2025	RFI #49 - IRRIGATION FIELD UPDATES
8.	5/14/2025	ASI #19 - IRRIGATION ADDITIONAL METER UPDATES
10.	7/21/2025	ASI #20 - IRRIGATION PUMP UPDATES

IRRIGATION PLAN - AREA 8

RAYMOND COMMUNITY PARK
BLOCK 1, LOT 1

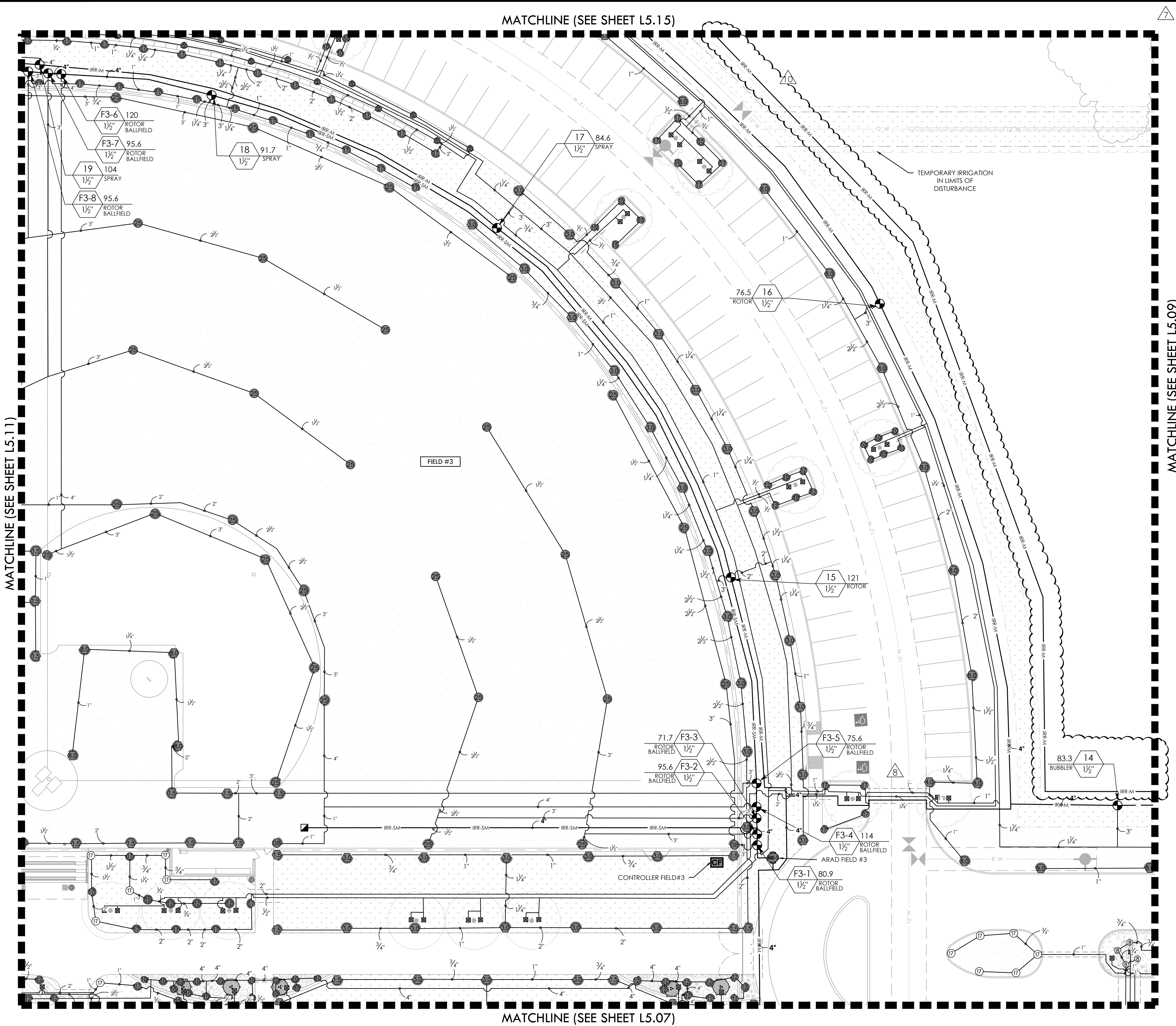
WILLIAM BUTLER SURVEY, ABSTRACT NO. 112
TOWN OF PROSPER, COLLIN COUNTY, TEXAS
TOWN PROJECT #2122-PK

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.338.1121
Fax: 817.338.1114
TX REG. #1-114



JOB NO.	7691.001
DESIGNED BY:	JMM
DRAWN BY:	JMM
CHECKED BY:	KLS
DATE:	MAY 6, 2025
SHEET: L5.08	

FULL PATH: P:\070607\7691.001\Irrigation\Area 10\Area 10 Irrigation Plan.dwg
FILE NAME: 7691 Irrigation Area 10
PLOTTED ON: Monday, July 21, 2025



7 8 VALVE CALLOUT NUMBERS
HAVE BEEN UPDATED

MATCHLINE (SEE SHEET L5.09)

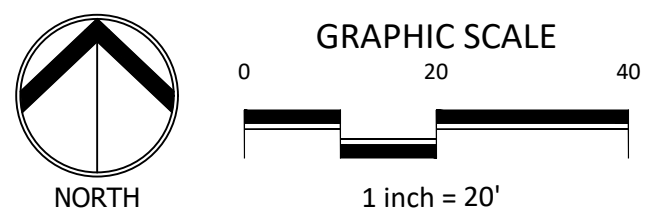
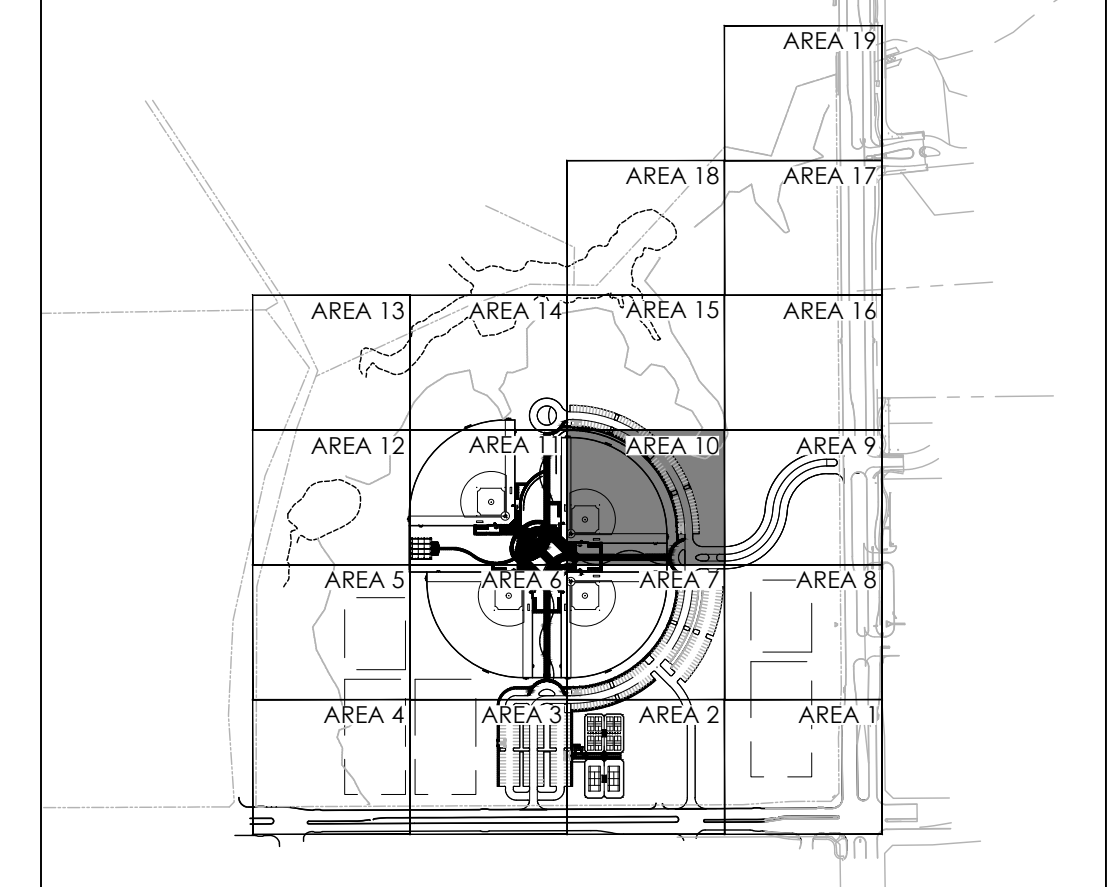
- NOTES:
1. ALL PIPE 3" AND LARGER NEEDS TO BE GASKETED PIPE WITH MJ DUCTILE IRON FITTINGS AND CONCRETE THRUST BLOCKS.
 2. THE SYSTEM WILL REQUIRE A MINIMUM OF TWO AIR RELIEF VALVE TO BE FIELD LOCATED.

BID PACKAGE #1:
SLEEVING FOR PARKING AND FIRELANES ONLY

BID PACKAGE #2:
REMAINING SITE CONCRETE SLEEVING

REFER TO L5.00 FOR FULL IRRIGATION SCHEDULE

KEY MAP



REVISIONS		DESCRIPTION	
NO.	DATE	DESCRIPTION	
1.	3/20/2024	GMP#2 Addendum No. 1	
6.	1/30/2025	ASI #17 - IRRIGATION UPDATES	
7.	4/03/2025	RFI #49 - IRRIGATION FIELD UPDATES	
8.	5/14/2025	ASI #19 - IRRIGATION ADDITIONAL METER UPDATES	
10.	7/21/2025	ASI #20 - IRRIGATION PUMP UPDATES	

IRRIGATION PLAN - AREA 10

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
P.O. Box 74114

RAYMOND COMMUNITY PARK
BLOCK 1, LOT 1

WILLIAM BUTLER SURVEY, ABSTRACT NO. 112
TOWN OF PROSPER, COLLIN COUNTY, TEXAS
TOWN PROJECT #: 2122-PK

STATE OF TEXAS
JANEL MOODY
20529
LICENSED IRRIGATOR
05/06/2025

JOB NO. 7691.001

DESIGNED BY: JMM

DRAWN BY: JMM

CHECKED BY: KLS

DATE: MAY 6, 2025

SHEET: L5.10

BID PACKAGE #1 BID PACKAGE #2

FULL PATH: P:\07060\7691.001\PA Drawings\PA Sheet\7691.001 Irrigation Plan
FILENAME: 7691.001 Irrigation Plan.dwg
PLOTTED ON: Monday, July 21, 2025

MATCHLINE (SEE SHEET L5.13)

MATCHLINE (SEE SHEET L5.11)

7 8 VALVE CALLOUT NUMBERS
HAVE BEEN UPDATED

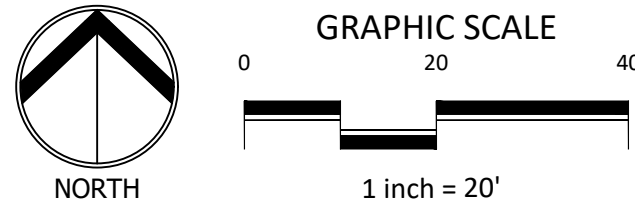
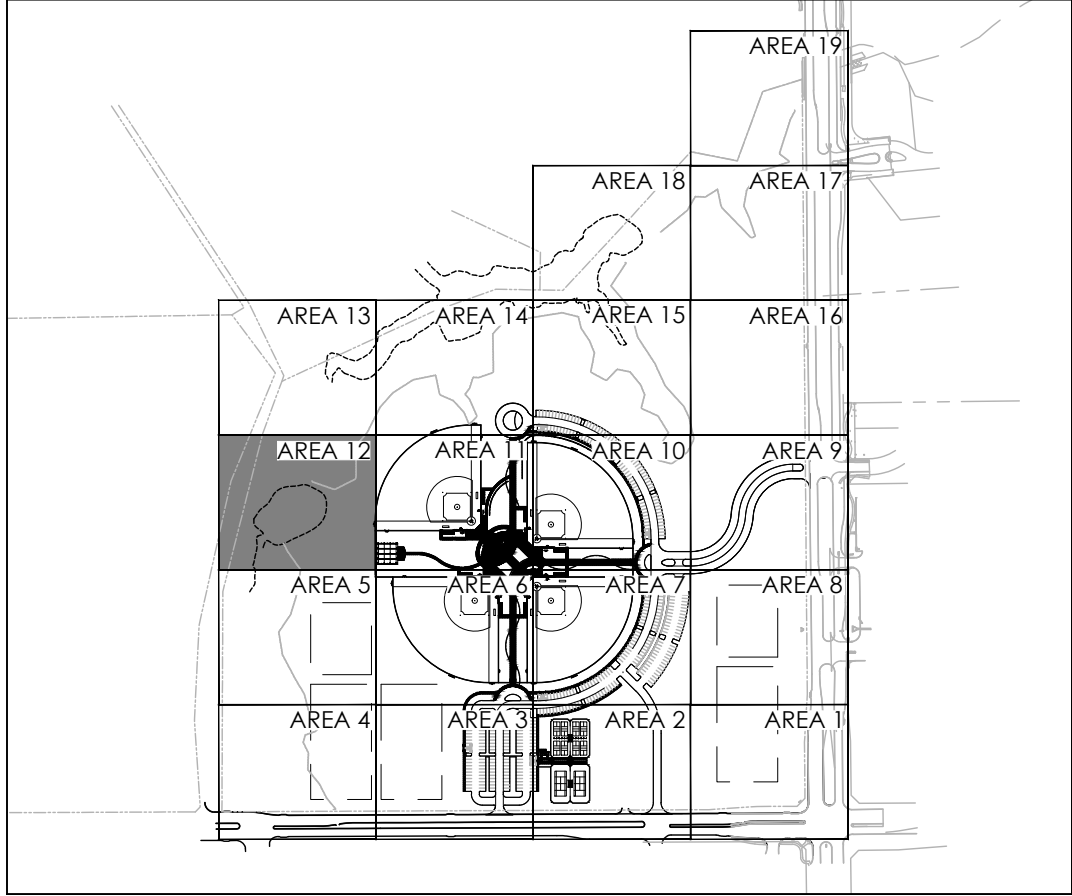
- NOTES:
- ALL PIPE 3" AND LARGER NEEDS TO BE GASKETED PIPE WITH MJ DUCTILE IRON FITTINGS AND CONCRETE THRUST BLOCKS.
 - THE SYSTEM WILL REQUIRE A MINIMUM OF TWO AIR RELIEF VALVE TO BE FIELD LOCATED.

BID PACKAGE #1:
SLEEVING FOR PARKING AND FIRELANES ONLY

BID PACKAGE #2:
REMAINING SITE CONCRETE SLEEVING

REFER TO L5.00 FOR FULL IRRIGATION SCHEDULE

KEY MAP



IRRIGATION PLAN - AREA 12

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
PH: 817.741.1144

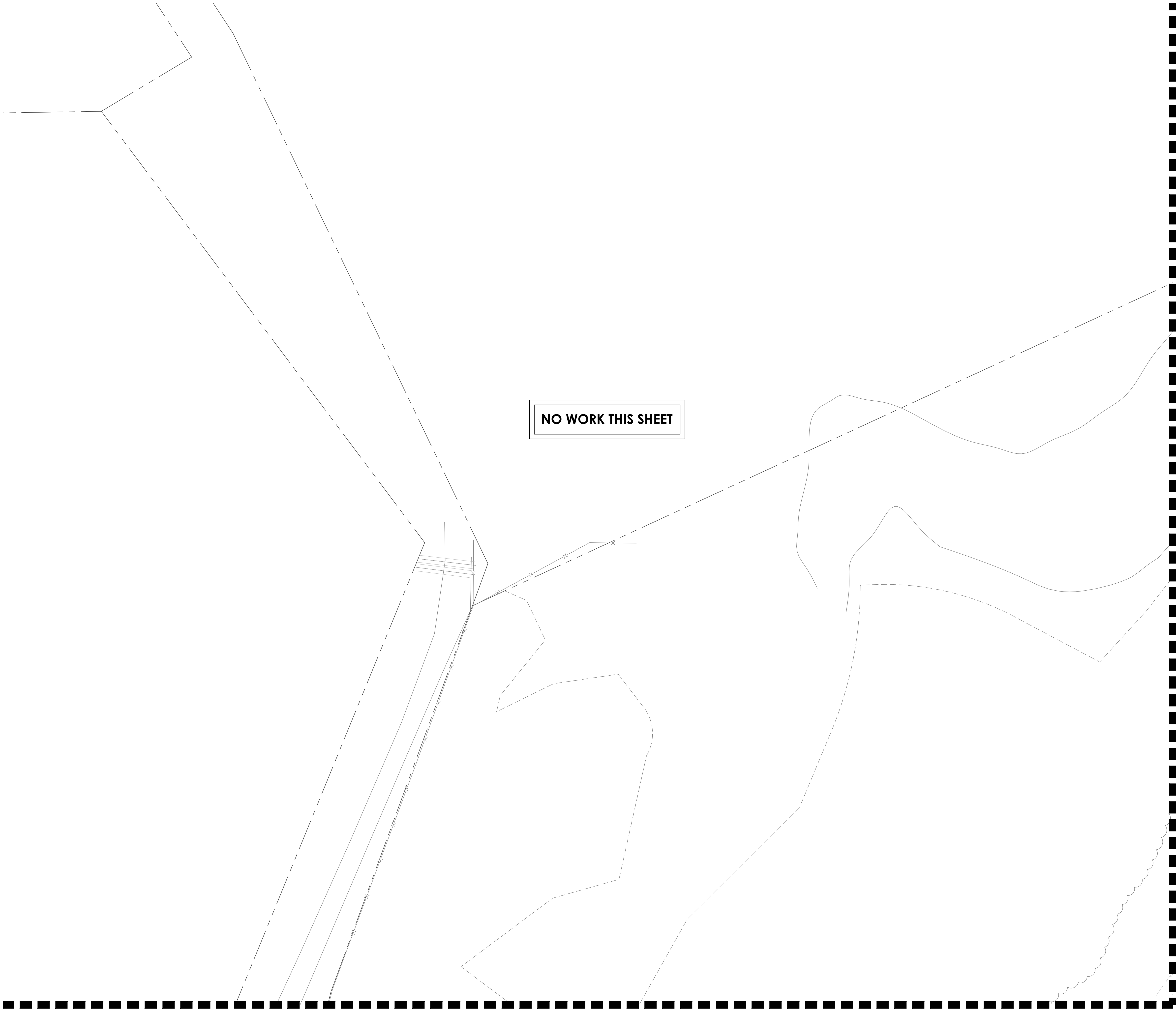
RAYMOND COMMUNITY PARK
BLOCK 1, LOT 1
WILLIAM BUTLER SURVEY, ABSTRACT NO. 112
TOWN OF PROSPER, COLLIN COUNTY, TEXAS
TOWN PROJECT #: 2122-PK



JOB NO.	7691.001
DESIGNED BY:	JMM
DRAWN BY:	JMM
CHECKED BY:	KLS
DATE:	MAY 6, 2025
SHEET:	L5.12

BID PACKAGE #1 BID PACKAGE #2

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FILENAME: 7691.Irrigation Plan.dwg
PLOTTED ON: Monday, July 21, 2025



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MATCHLINE (SEE SHEET L5.12)

MATCHLINE (SEE SHEET L5.14)

7 8 VALVE CALLOUT NUMBERS
HAVE BEEN UPDATED

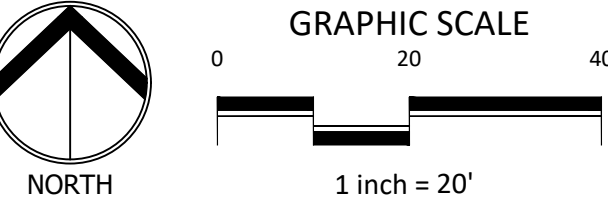
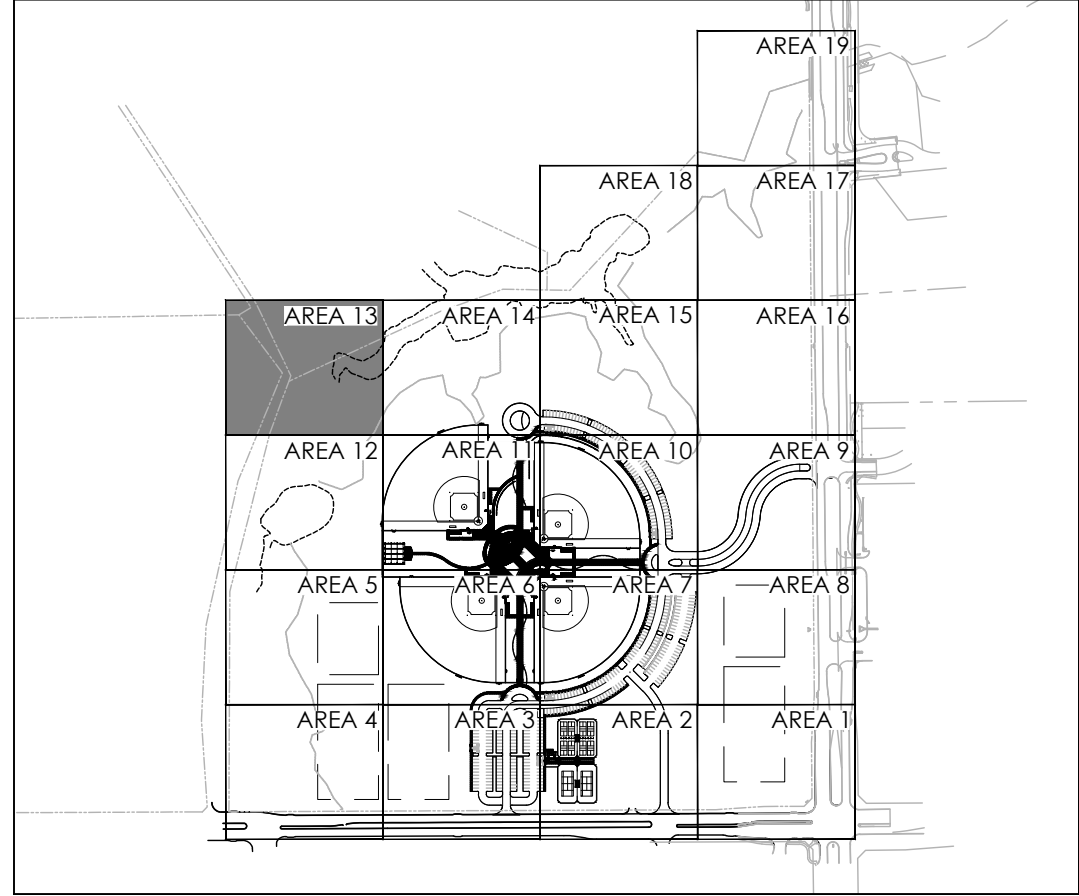
- NOTES:
1. ALL PIPE 3" AND LARGER NEEDS TO BE GASKETED PIPE WITH MJ DUCTILE IRON FITTINGS AND CONCRETE THRUST BLOCKS. THE SYSTEM WILL REQUIRE A MINIMUM OF TWO AIR RELIEF VALVE TO BE FIELD LOCATED.

BID PACKAGE #1:
SLEEVING FOR PARKING AND FIRELANES ONLY

BID PACKAGE #2:
REMAINING SITE CONCRETE SLEEVING

REFER TO L5.00 FOR FULL IRRIGATION SCHEDULE

KEY MAP



REVISIONS		DESCRIPTION
NO.	DATE	
1.	3/20/2024	GMP#2 Addendum No. 1
7.	4/03/2025	RFI #49 - IRRIGATION FIELD UPDATES
8.	5/14/2025	ASI #19 - IRRIGATION ADDITIONAL METER UPDATES

IRRIGATION PLAN - AREA 13

550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
PH: 817.711.1144

RAYMOND COMMUNITY PARK
BLOCK 1, LOT 1
WILLIAM BUTLER SURVEY, ABSTRACT NO. 112
TOWN OF PROSPER, COLLIN COUNTY, TEXAS
TOWN PROJECT #:2122-PK

JOB NO.	7691.001
DESIGNED BY:	JMM
DRAWN BY:	JMM
CHECKED BY:	KLS
DATE:	MAY 6, 2025

SHEET:	L5.13
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BID PACKAGE #1 | BID PACKAGE #2

FULL PATH: P:\070601\7691\001\PA\Drawings\Plan Sheets\7691-01 Irrigation Plan
FILENAME: 7691-01 Irrigation Plan.dwg
PLOTTED ON: Monday, July 21, 2025

MATCHLINE (SEE SHEET L5.13)

TEMPORARY IRRIGATION
IN LIMITS OF
DISTURBANCE

MATCHLINE (SEE SHEET L5.11)

6

7 8

VALVE CALLOUT NUMBERS
HAVE BEEN UPDATED

MATCHLINE (SEE SHEET L5.15)

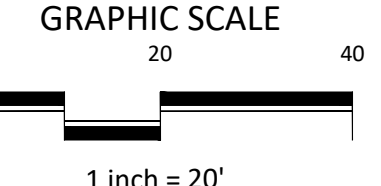
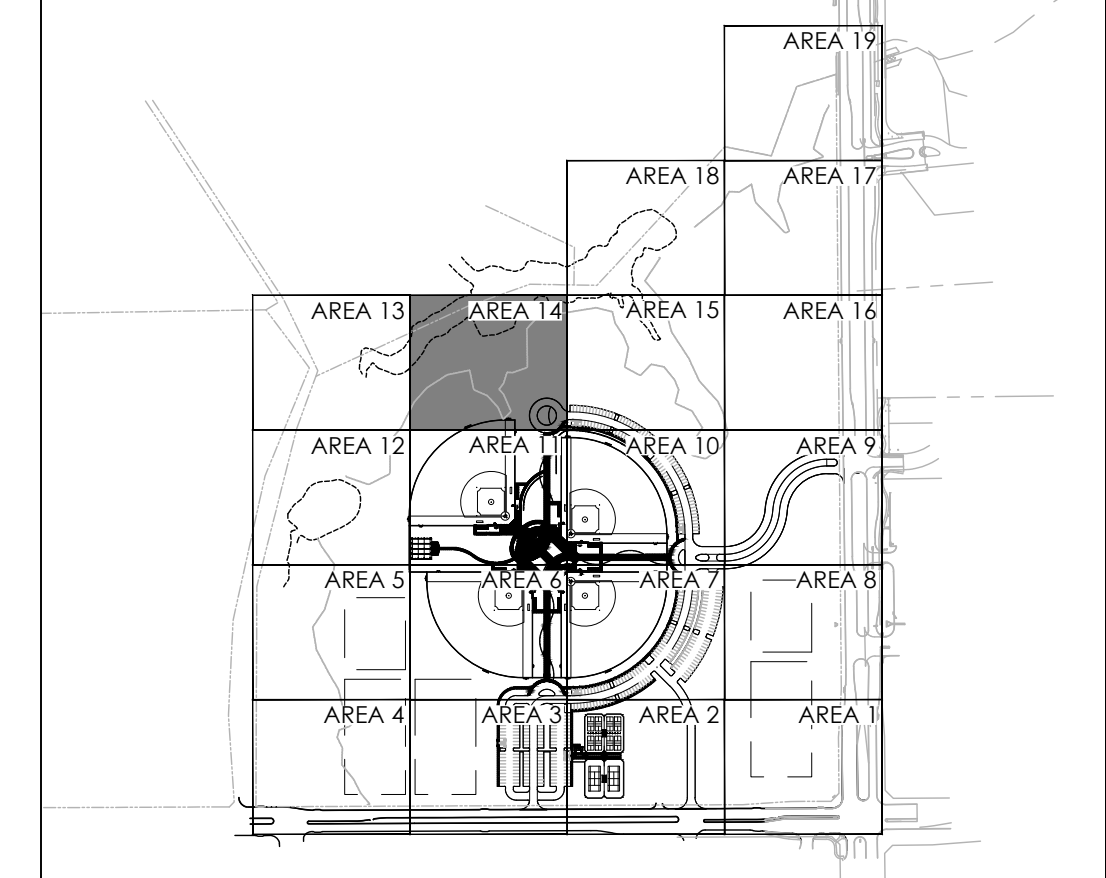
- NOTES:
- ALL PIPE 3" AND LARGER NEEDS TO BE GASKETED PIPE WITH MJ DUCTILE IRON FITTINGS AND CONCRETE THRUST BLOCKS.
 - THE SYSTEM WILL REQUIRE A MINIMUM OF TWO AIR RELIEF VALVE TO BE FIELD LOCATED.

BID PACKAGE #1:
SLEEVING FOR PARKING AND FIRELANES ONLY

BID PACKAGE #2:
REMAINING SITE CONCRETE SLEEVING

REFER TO L5.00 FOR FULL IRRIGATION SCHEDULE

KEY MAP



REVISIONS		DESCRIPTION
NO.	DATE	
1.	3/20/2024	GMP#2 Addendum No. 1
6.	1/30/2025	ASI #17 - IRRIGATION UPDATES
7.	4/03/2025	RFI #49 - IRRIGATION FIELD UPDATES
8.	5/14/2025	ASI #19 - IRRIGATION ADDITIONAL METER UPDATES
10.	7/21/2025	ASI #20 - IRRIGATION PUMP UPDATES

IRRIGATION PLAN - AREA 14

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
P.O. Box 74114

RAYMOND COMMUNITY PARK
BLOCK 1, LOT 1
WILLIAM BUTLER SURVEY, ABSTRACT NO. 112
TOWN OF PROSPER, COLLIN COUNTY, TEXAS
TOWN PROJECT #: 2122-PK

JOB NO. 7691.001

DESIGNED BY: JMM

DRAWN BY: JMM

CHECKED BY: KLS

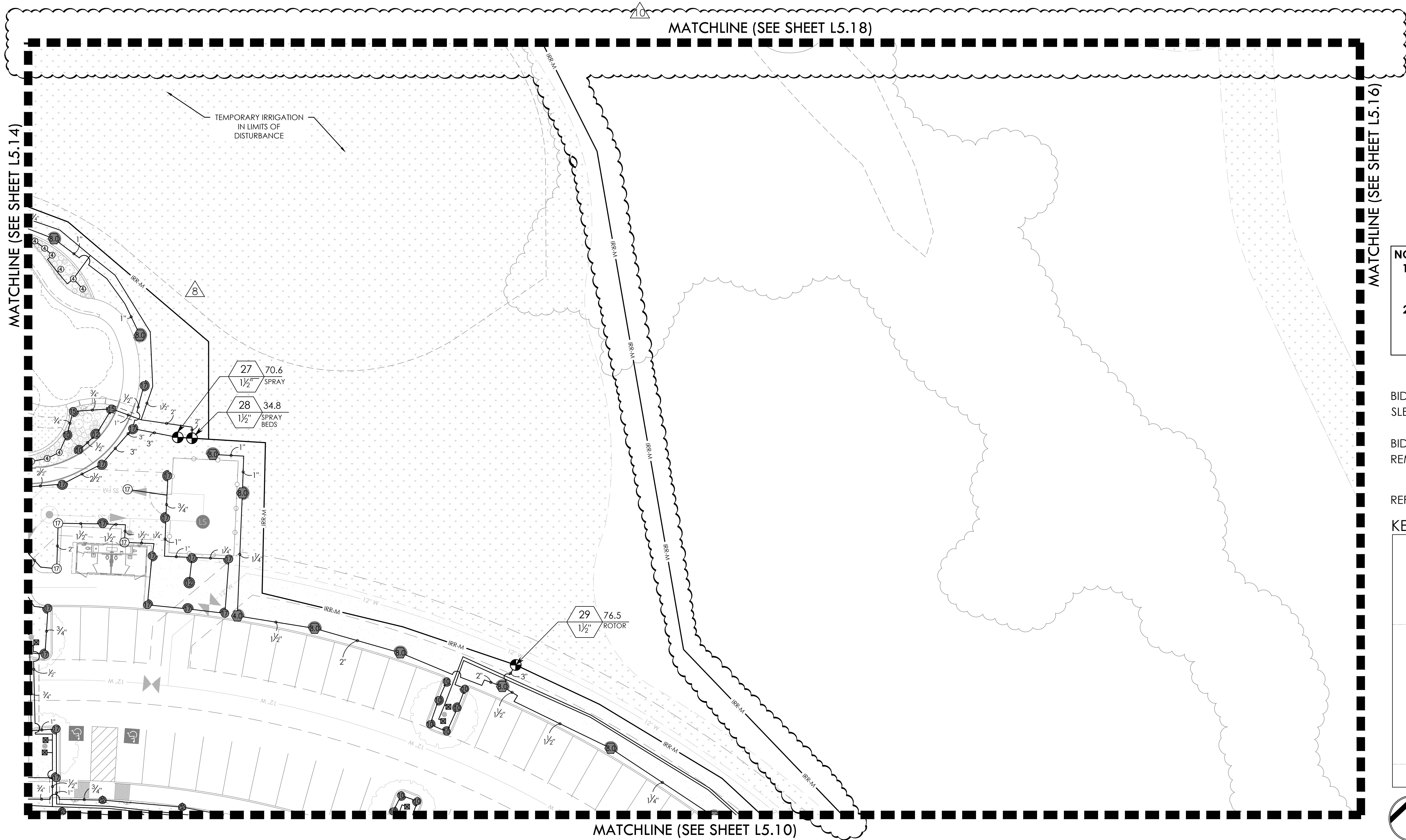
DATE: MAY 6, 2025

SHEET: L5.14

BID PACKAGE #1

BID PACKAGE #2

FULL PATH: P:\070601\7691.001\PA\Drawings\Plan Sheets\7691.001 Irrigation Plan
FILENAME: 7691.001 Irrigation Plan
PLOTTED ON: Monday, July 21, 2025



6

7

8

VALVE CALLOUT NUMBERS
HAVE BEEN UPDATED

NOTES:

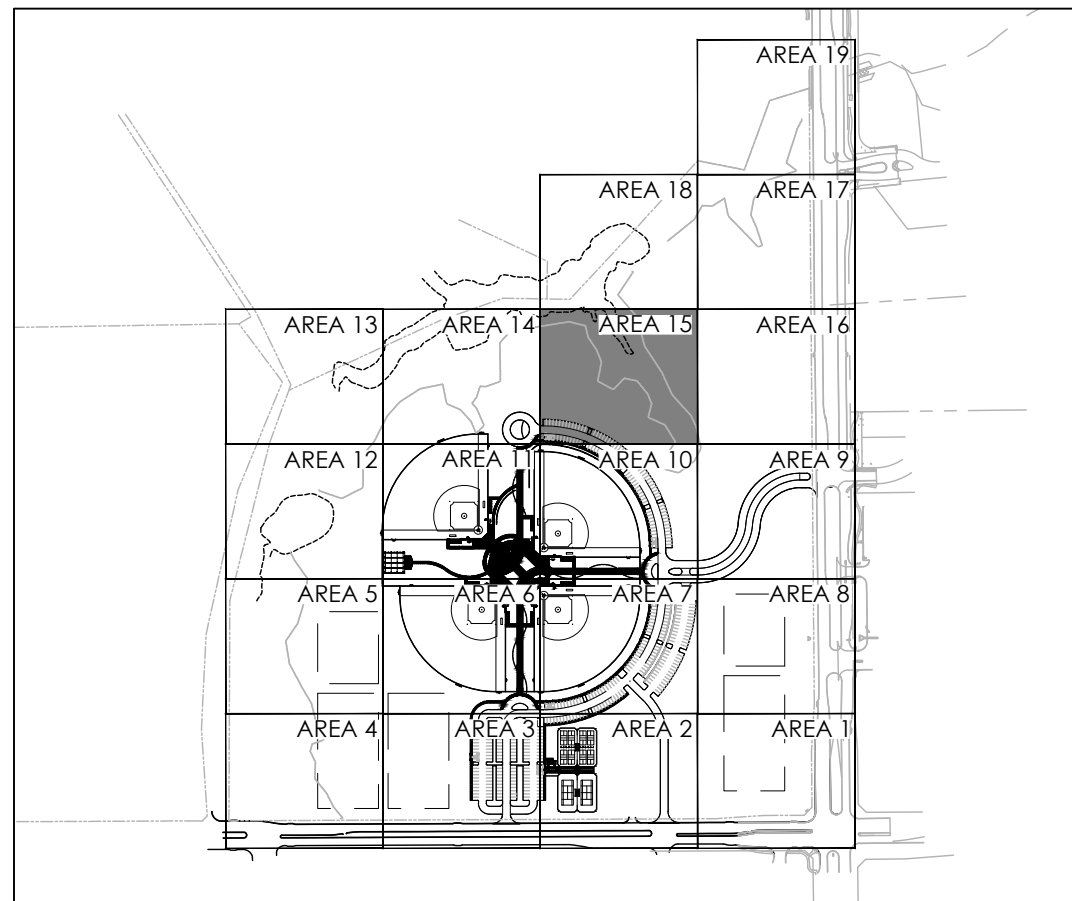
1. ALL PIPE 3" AND LARGER NEEDS TO BE GASKETED PIPE WITH MJ DUCTILE IRON FITTINGS AND CONCRETE THRUST BLOCKS.
2. THE SYSTEM WILL REQUIRE A MINIMUM OF TWO AIR RELIEF VALVE TO BE FIELD LOCATED.

BID PACKAGE #1:
SLEEVING FOR PARKING AND FIRELANES ONLY

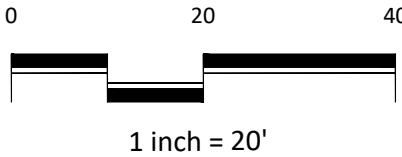
BID PACKAGE #2:
REMAINING SITE CONCRETE SLEEVING

REFER TO L5.00 FOR FULL IRRIGATION SCHEDULE

KEY MAP

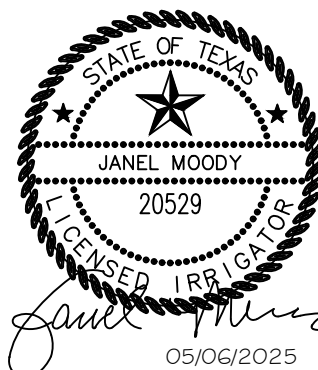


GRAPHIC SCALE



IRRIGATION PLAN - AREA 15

RAYMOND COMMUNITY PARK
BLOCK 1, LOT 1
WILLIAM BUTLER SURVEY, ABSTRACT NO. 112
TOWN OF PROSPER, COLLIN COUNTY, TEXAS
TOWN PROJECT #: 2122-PK



JOB NO.	7691.001
DESIGNED BY:	JMM
DRAWN BY:	JMM
CHECKED BY:	KLS
DATE:	MAY 6, 2025
SHEET:	L5.15

REVISIONS		DESCRIPTION
NO.	DATE	
1.	3/20/2024	GMP#2 Addendum No. 1
6.	1/30/2025	ASI #17 - IRRIGATION UPDATES
7.	4/03/2025	RFI #49 - IRRIGATION FIELD UPDATES
8.	5/14/2025	ASI #19 - IRRIGATION ADDITIONAL METER UPDATES
10.	7/21/2025	ASI #20 - IRRIGATION PUMP UPDATES

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
PH: 817.741.1144

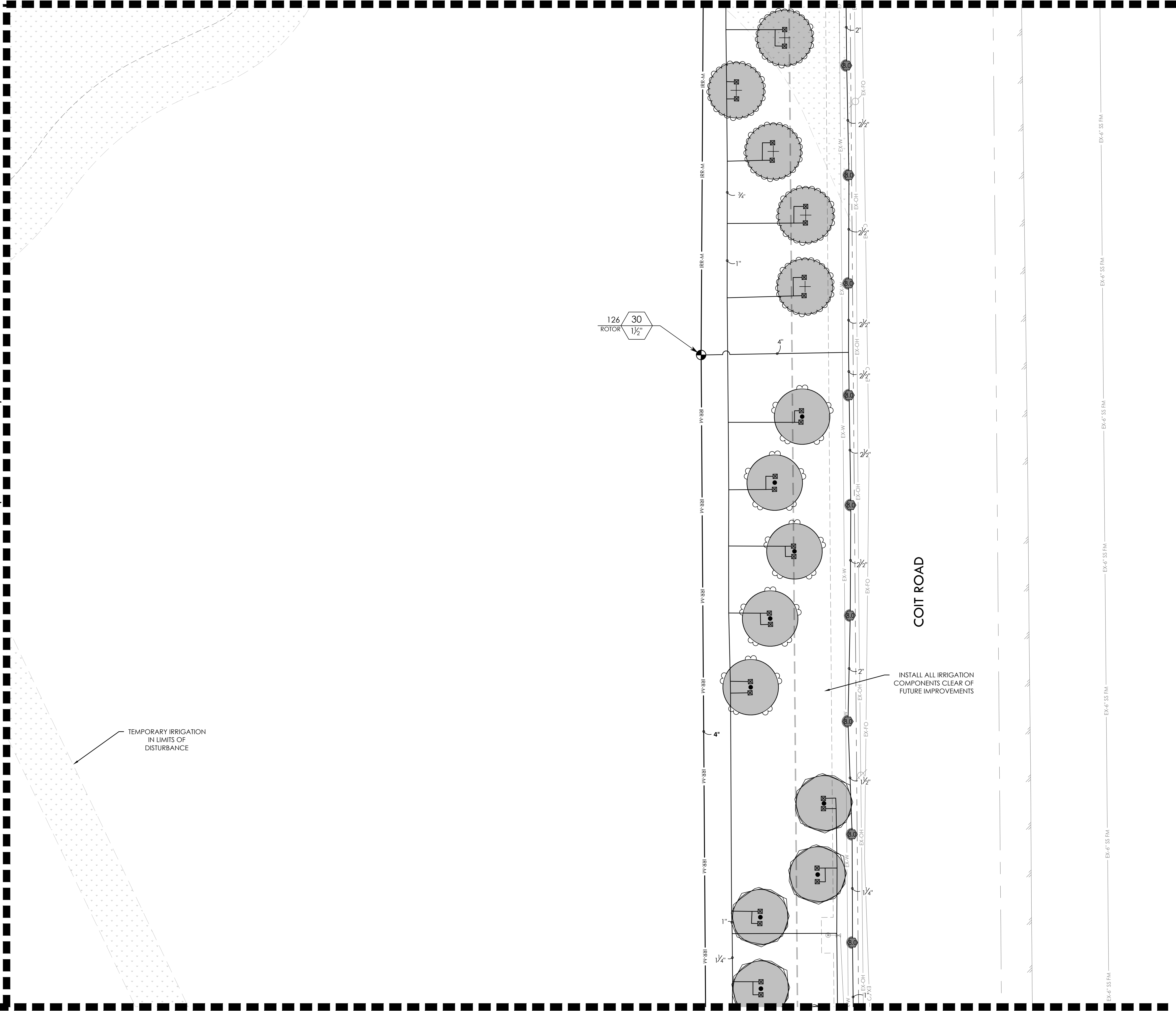
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FULL PATH: P:\070601\7691.001\IPIA\Drawings\Irrigation\7691-Irrigation Plan
FILENAME: 7691-Irrigation Plan.dwg
PLOTTED ON: Monday, July 21, 2025

MATCHLINE (SEE SHEET L5.15)

MATCHLINE (SEE SHEET L5.17)

MATCHLINE (SEE SHEET L5.09)



7 8 VALVE CALLOUT NUMBERS HAVE BEEN UPDATED

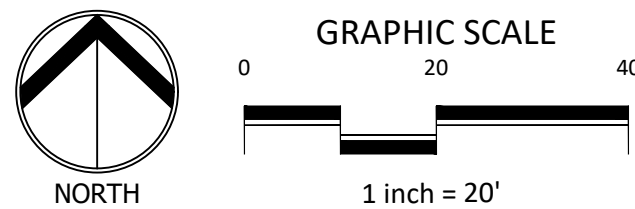
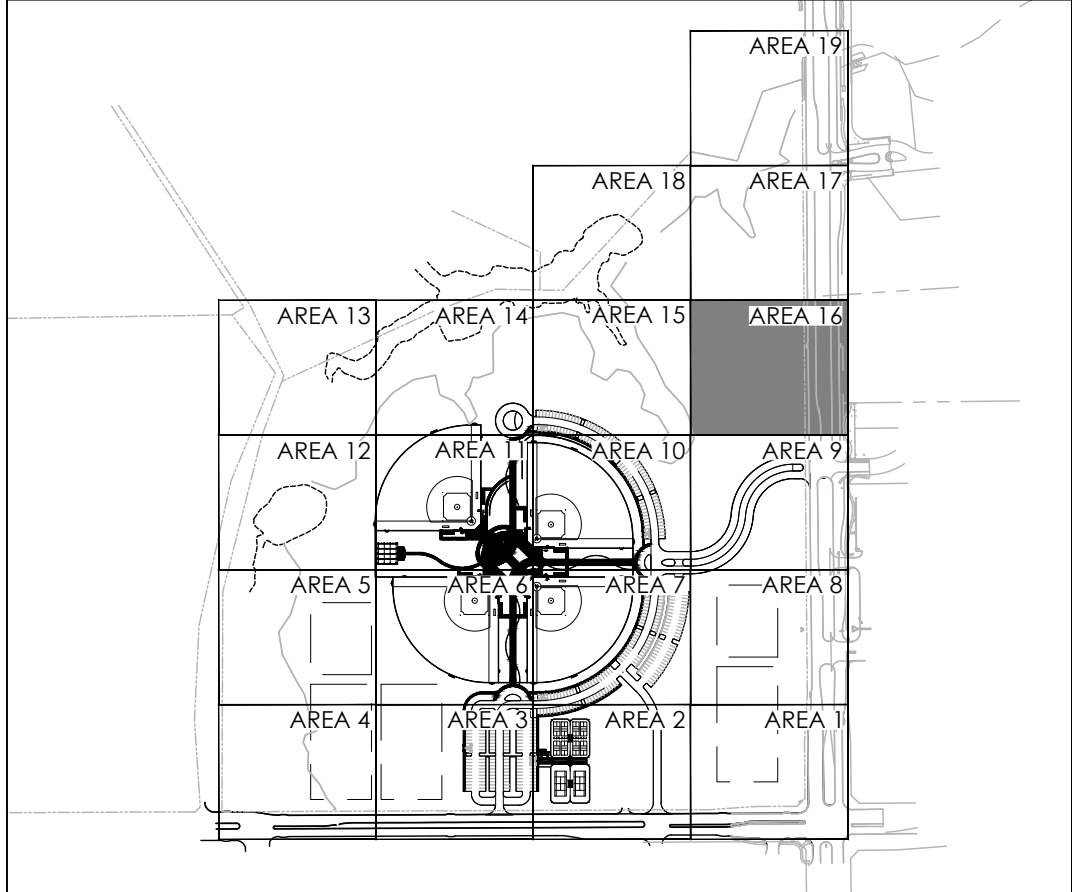
- NOTES:
1. ALL PIPE 3" AND LARGER NEEDS TO BE GASKETED PIPE WITH MJ DUCTILE IRON FITTINGS AND CONCRETE THRUST BLOCKS.
 2. THE SYSTEM WILL REQUIRE A MINIMUM OF TWO AIR RELIEF VALVE TO BE FIELD LOCATED.

BID PACKAGE #1:
SLEEVING FOR PARKING AND FIRELANES ONLY

BID PACKAGE #2:
REMAINING SITE CONCRETE SLEEVING

REFER TO L5.00 FOR FULL IRRIGATION SCHEDULE

KEY MAP



REVISIONS	
NO.	DATE
1.	3/20/2024
7.	4/03/2025
8.	5/14/2025

DESCRIPTION	
GMP#2 Addendum No. 1	
IRRIGATION FIELD UPDATES	
ASI #19 - IRRIGATION ADDITIONAL METER UPDATES	

DUNAWAY

550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
PH: 817.741.1114

RAYMOND COMMUNITY PARK
BLOCK 1, LOT 1

WILLIAM BUTLER SURVEY, ABSTRACT NO. 112
TOWN OF PROSPER, COLLIN COUNTY, TEXAS
TOWN PROJECT #: 2122-PK

STATE OF TEXAS
JANEL MOODY
20529
LICENSED IRRIGATOR
05/06/2025

JOB NO.	7691.001
DESIGNED BY:	JMM
DRAWN BY:	JMM
CHECKED BY:	KLS
DATE:	MAY 6, 2025
SHEET:	L5.16

BID PACKAGE #1

BID PACKAGE #2

FULL PATH: P:\070601\7691.001\PA\Drawings\Plan Sheets\7691.001 Irrigation Plan
FILE NAME: 7691.001 Irrigation Plan.dwg
PLOTTED ON: Monday, July 21, 2025

MATCHLINE (SEE SHEET L5.18)

MATCHLINE (SEE SHEET L5.19)

MATCHLINE (SEE SHEET L5.16)

COIT ROAD

VALVE CALLOUT NUMBERS
HAVE BEEN UPDATED

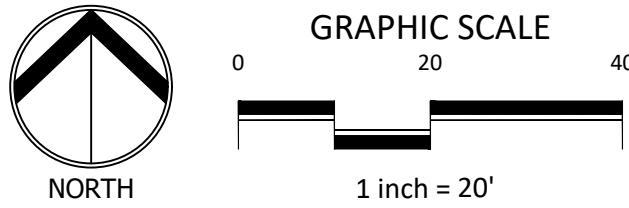
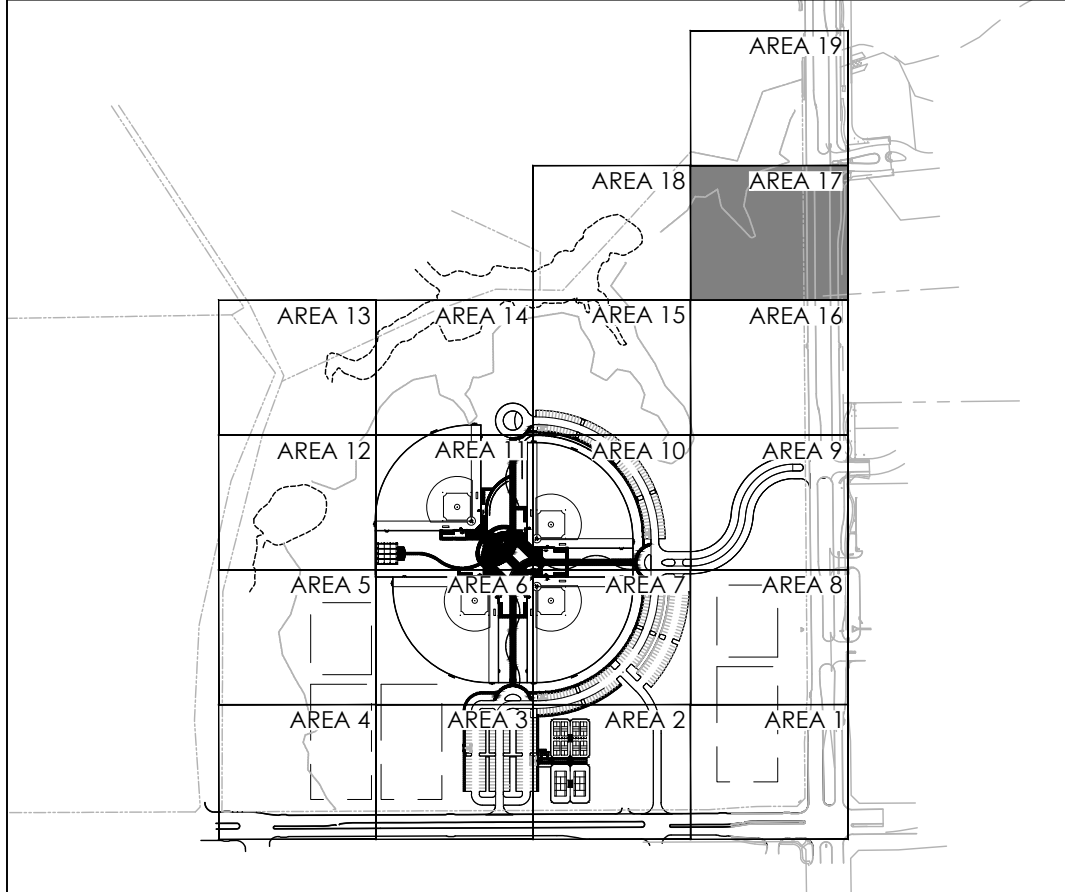
- NOTES:
- ALL PIPE 3" AND LARGER NEEDS TO BE GASKETED PIPE WITH MJ DUCTILE IRON FITTINGS AND CONCRETE THRUST BLOCKS.
 - THE SYSTEM WILL REQUIRE A MINIMUM OF TWO AIR RELIEF VALVE TO BE FIELD LOCATED.

BID PACKAGE #1:
SLEEVING FOR PARKING AND FIRELANES ONLY

BID PACKAGE #2:
REMAINING SITE CONCRETE SLEEVING

REFER TO L5.00 FOR FULL IRRIGATION SCHEDULE

KEY MAP



IRRIGATION PLAN - AREA 17

RAYMOND COMMUNITY PARK
BLOCK 1, LOT 1
WILLIAM BUTLER SURVEY, ABSTRACT NO. 112
TOWN OF PROSPER, COLLIN COUNTY, TEXAS
TOWN PROJECT #:2122-PK



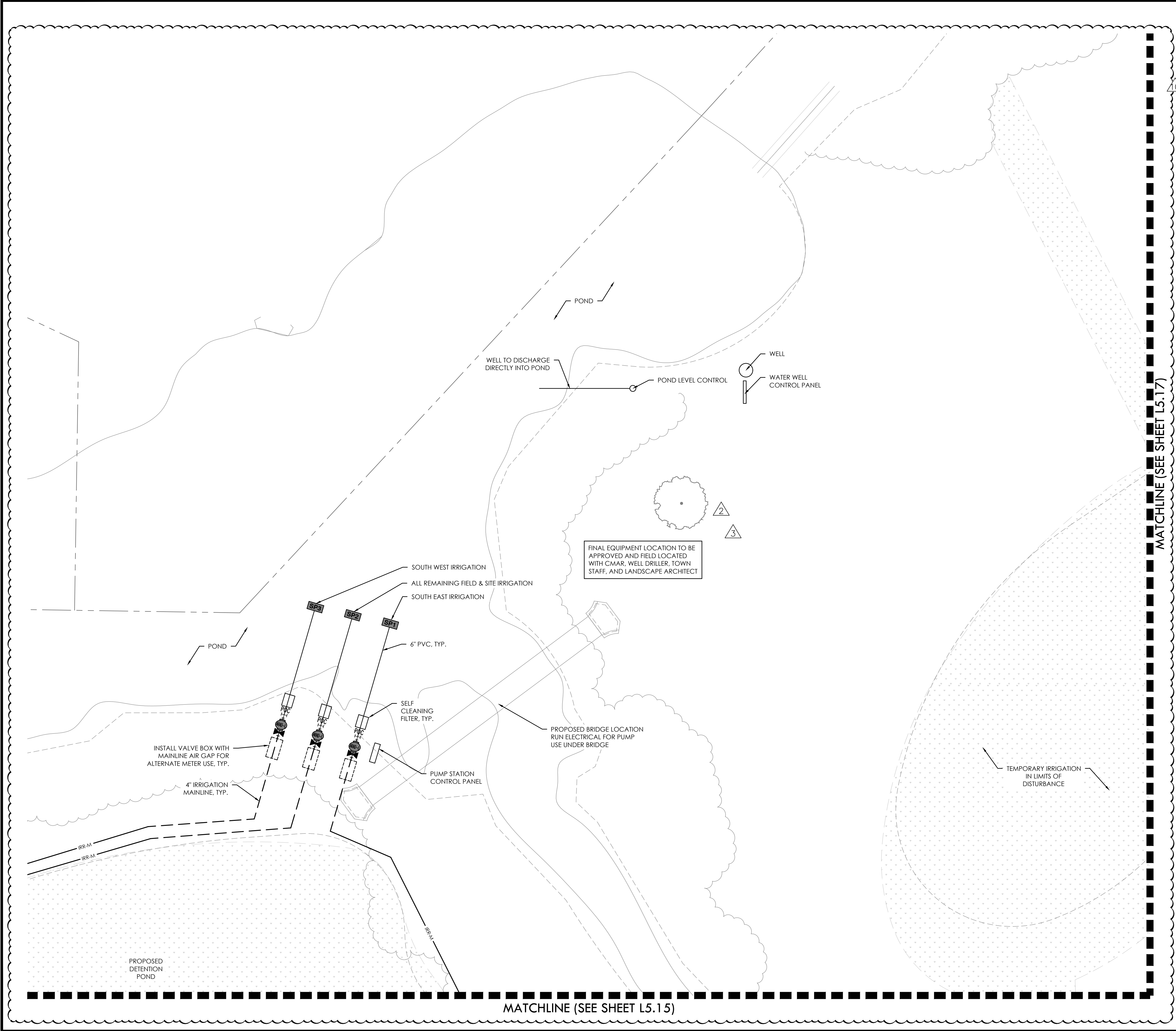
JOB NO.	7691.001
DESIGNED BY:	JMM
DRAWN BY:	JMM
CHECKED BY:	KLS
DATE:	MAY 6, 2025
SHEET:	L5.17

REVISIONS		DESCRIPTION
NO.	DATE	
2.	8/16/2024	PR #2.2 - MULTI-USE FIELD/POND
3.	10/21/2024	PR #2.3 - IRRIGATION UPDATES
7.	4/03/2025	RFI #49 - IRRIGATION FIELD UPDATES
8.	5/14/2025	ASI #19 - IRRIGATION ADDITIONAL METER UPDATES
10.	7/21/2025	ASI #20 - IRRIGATION PUMP UPDATES

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
PH: 817.741.1144

BID PACKAGE #1 BID PACKAGE #2

FULL PATH: P:\007600\7691.001\PA\Drawings\Plan Sheets\7691.001 Irrigation Plan
FILENAME: 7691.001 Irrigation Plan.dwg
PLOTTED ON: Monday, July 21, 2025



7 8 VALVE CALLOUT NUMBERS HAVE BEEN UPDATED

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19

TEMPORARY IRRIGATION IN LIMITS OF DISTURBANCE

GRAPHIC SCALE
0 20 40
1 inch = 20'

NORTH

NOTES:

- ALL PIPE 3" AND LARGER NEEDS TO BE GASKETED PIPE WITH MJ DUCTILE IRON FITTINGS AND CONCRETE THRUST BLOCKS.
- THE SYSTEM WILL REQUIRE A MINIMUM OF TWO AIR RELIEF VALVE TO BE FIELD LOCATED.

BID PACKAGE #1:
SLEEVING FOR PARKING AND FIRELANES ONLY

BID PACKAGE #2:
REMAINING SITE CONCRETE SLEEVING

REFER TO L5.00 FOR FULL IRRIGATION SCHEDULE

KEY MAP

IRRIGATION PLAN - AREA 18

RAYMOND COMMUNITY PARK
BLOCK 1, LOT 1

WILLIAM BUTLER SURVEY, ABSTRACT NO. 112
TOWN OF PROSPER, COLLIN COUNTY, TEXAS
TOWN PROJECT #:2122-PK

STATE OF TEXAS
JANEL MOODY
20529
LICENSED PROFESSIONAL ENGINEER
05/06/2025

JOB NO. 7691.001

DESIGNED BY: JMM

DRAWN BY: JMM

CHECKED BY: KLS

DATE: MAY 6, 2025

SHEET: L5.18

REVISIONS

NO.	DATE	DESCRIPTION
2.	8/16/2024	PR #2.2 - MULTI-USE FIELD/POND
3.	10/21/2024	PR #2.3 - IRRIGATION UPDATES
7.	4/03/2025	RFI #49 - IRRIGATION FIELD UPDATES
8.	5/14/2025	ASI #19 - IRRIGATION ADDITIONAL METER UPDATES
10.	7/21/2025	ASI #20 - IRRIGATION PUMP UPDATES

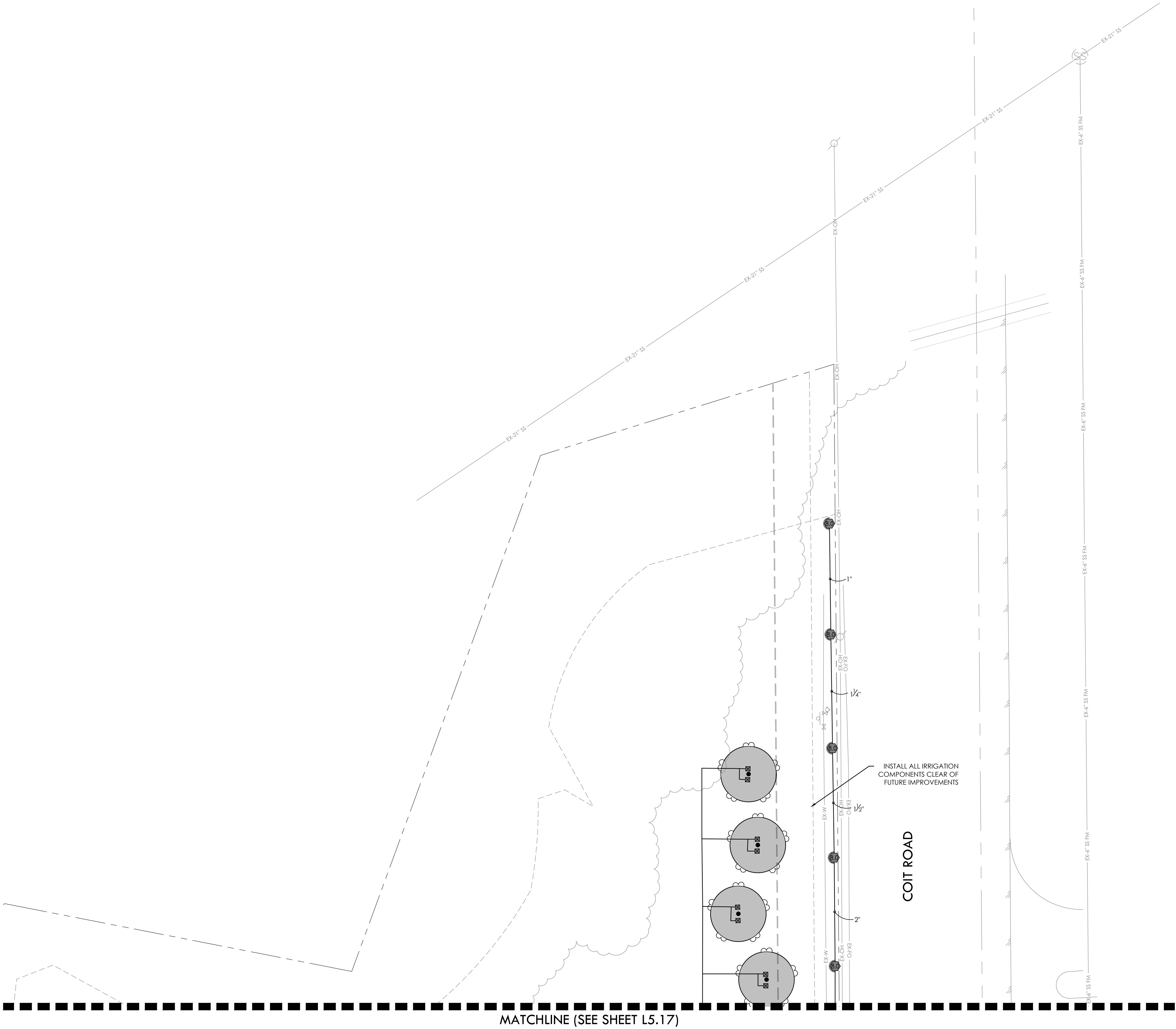
DUNAWAY

550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817.341.1141 Fax: 817.341.1144

BID PACKAGE #1

BID PACKAGE #2

FULL PATH: P:\070601\7691.001\PA\Drawings\Plan Sheets\7691.001\Irrigation Plan
FILENAME: 7691.001\Irrigation Plan.dwg
PLOTTED ON: Monday, July 21, 2025



7 8 VALVE CALLOUT NUMBERS
HAVE BEEN UPDATED

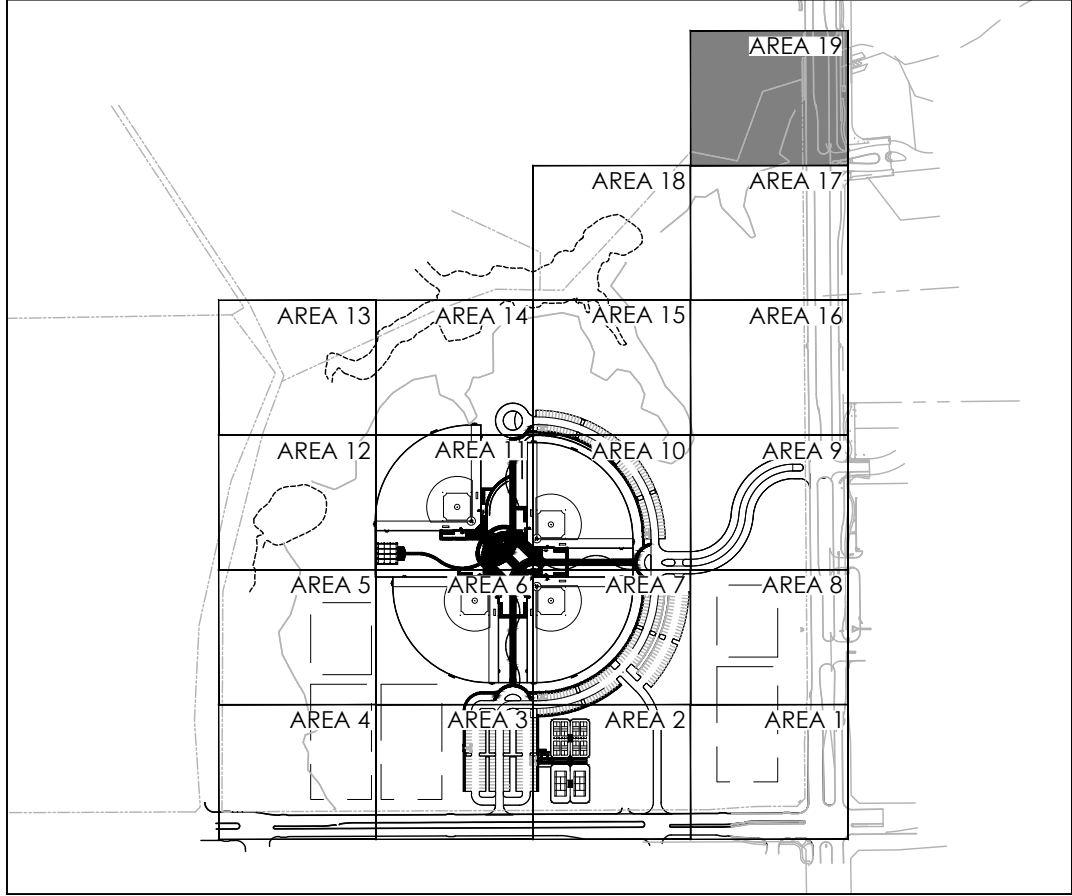
- NOTES:
- ALL PIPE 3" AND LARGER NEEDS TO BE GASKETED PIPE WITH MJ DUCTILE IRON FITTINGS AND CONCRETE THRUST BLOCKS.
 - THE SYSTEM WILL REQUIRE A MINIMUM OF TWO AIR RELIEF VALVE TO BE FIELD LOCATED.

BID PACKAGE #1:
SLEEVING FOR PARKING AND FIRELANES ONLY

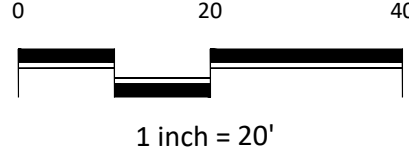
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REMAINING SITE CONCRETE SLEEVING

REFER TO L5.00 FOR FULL IRRIGATION SCHEDULE

KEY MAP



GRAPHIC SCALE



IRRIGATION PLAN - AREA 19

RAYMOND COMMUNITY PARK
BLOCK 1, LOT 1
WILLIAM BUTLER SURVEY, ABSTRACT NO. 112
TOWN OF PROSPER, COLLIN COUNTY, TEXAS
TOWN PROJECT #:2122-PK

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
PH: 817.741.1144



JOB NO.	7691.001
DESIGNED BY:	JMM
DRAWN BY:	JMM
CHECKED BY:	KLS
DATE:	MAY 6, 2025
SHEET:	L5.19

BID PACKAGE #1 BID PACKAGE #2

FULL PATH: P:\007600\7691\001\PA\Drawings\Pipe Details\9501-Irrigation Plan

FILENAME: 7691-Irrigation Plan.dwg
PLOTTER: HP DesignJet 5000
PLOTTED ON: Monday, July 21, 2025

IRRIGATION NOTES FOR A SITE REQUIRING A PUMP:

1. IRRIGATION PLAN IS SCHEMATIC. ALL PIPING HEADS, VALVES, ETC., SHALL BE LOCATED AS SHOWN ON THE DETAILS. REPORT ANY DISCREPANCIES BETWEEN ACTUAL AND PROPOSED SITE CONDITIONS TO THE OWNER. DO NOT PROCEED WITH WORK UNTIL SAID DISCREPANCIES ARE RESOLVED.
2. VERIFY THAT THE WORK OF OTHER CONTRACTORS/TRADES IS SUFFICIENTLY COMPLETE TO ALLOW COMMENCEMENT OF IRRIGATION INSTALLATION PRIOR TO BEGINNING OF WORK. CONTRACTORS SHALL COORDINATE INSTALLATION OF ALL IRRIGATION SLEEVES UNDER PAVEMENT WITH OTHER CONTRACTORS.
3. COORDINATE IRRIGATION INSTALLATION WITH THE WORK OF OTHER CONTRACTORS/TRADES AND PROTECT THE WORK OF OTHER CONTRACTOR/TRADES. IRRIGATION CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGES RESULTING FROM HIS ACTIONS.
4. THE IRRIGATION CONTRACTOR SHALL PROVIDE THE OWNER WITH TWO COPIES OF THE PARTS LIST AND MANUFACTURER'S CATALOG SHOWING PERFORMANCE, QUALITY AND FUNCTION OF EACH ITEM OF EQUIPMENT IN THE SYSTEM. IN ADDITION, THE IRRIGATION CONTRACTOR SHALL PROVIDE THE OWNER WRITTEN INSTRUCTIONS FOR OPERATION AND MAINTENANCE OF THE SYSTEM.
5. PRIOR TO THE ACCEPTANCE OF IRRIGATION SYSTEM BY OWNER, A PERSON QUALIFIED TO REPRESENT THE IRRIGATION CONTRACTOR SHALL BE PRESENT AT THE FINAL INSPECTION TO DEMONSTRATE THE SYSTEM AND PROVE ITS PERFORMANCE PRIOR TO THE INSPECTION. ALL WORK SHALL HAVE BEEN COMPLETED, TESTED, ADJUSTED, AND PLACED IN OPERATION.
6. WORK MUST BE GUARANTEED FOR TWO YEARS.
7. IRRIGATION SYSTEM INSTALLATION TO BE PERFORMED IN ACCORDANCE WITH ALL PERTINENT CODES AND ORDINANCES.
8. NO PVC PIPING SHALL BE LOCATED UNDER TREE ROOTBALLS.
9. THE CONTRACTOR SHALL VERIFY LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO INSTALLATION. IF ANY UNDERGROUND OR ABOVE GROUND CONSTRUCTION IS LOCATED AS TO SIGNIFICANTLY HINDER INSTALLATION OR FUNCTION OF THE IRRIGATION SYSTEM, THE OWNER SHALL BE NOTIFIED IMMEDIATELY.
10. MAIN LINE PIPING AND LATERAL PIPING MAY BE PLACED IN SAME TRENCH WHEN POSSIBLE. MAIN LINE PIPING SHALL BE INSTALLED IN BOTTOM OF TRENCH WITH LATERALS ON TOP.
11. SLEEVES SHALL BE INSTALLED WHEREVER PIPES RUN UNDER PAVEMENT. SLEEVES SHALL BE SCH 40 AND A MINIMUM OF TWO PIPE SIZES LARGER THAN THE PIPE.
12. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING ELECTRICAL POWER TO ALL CONTROLLERS.
13. PRIOR TO BEGINNING OF WORK, THE CONTRACTOR SHALL VERIFY THE MINIMUM WORKING PRESSURE AT THE POINT OF CONNECTION. BASED ON THIS INFORMATION, THE CONTRACTOR SHALL COORDINATE WITH INCONTROL FOR PUMP DESIGN AND SYSTEM. IN CONTROL IS RESPONSIBLE FOR DESIGNING AND A PUMPING SYSTEM THAT PROVIDES THE APPROPRIATE PRESSURE TO ALLOW THE IRRIGATION SYSTEM TO OPERATE AT THE OPTIMUM LEVEL AS RECOMMENDED BY THE SPRINKLER EQUIPMENT MANUFACTURER. THE PUMP SHALL BE CAPABLE OF VARYING PRESSURES TO ACCOMMODATE THE VARIETY OF IRRIGATION DELIVERY COMPONENTS.
14. THE CONTRACTOR SHALL SUBMIT THE PROPOSED PUMPING SYSTEM FOR REVIEW INCLUDING EXISTING WORKING PRESSURE, THE PROPOSED PUMP PERFORMANCE, AND FINAL PROPOSED DOWNSTREAM PRESSURE(S).
15. ATTACH A HEAVY DUTY PLASTIC SERIALIZED TAG TO EACH CONTROL VALVE WITH ITS ASSOCIATED CONTROLLER STATION NUMBER.
16. THE PIPE SHOWN IN PAVED AREAS WITHOUT SLEEVES IS SHOWN IN THESE AREAS FOR PURPOSE OF DRAWING CLARITY. PIPE TO BE IN NEAREST UNPAVED LOCATION.
17. THE IRRIGATION CONTROLLER(S) SHALL BE EQUIPPED WITH RAIN/FREEZE SENSOR(S). MOUNT THE TRANSMITTER(S) IN AN OPEN AREA AS DIRECTED BY THE OWNER.
18. ALL BACKFLOW INSTALLATIONS AND CONNECTIONS TO CITY WATER LINES MUST BE PERMITTED SEPARATELY BY THE CITY INSPECTION STAFF.
19. THE IRRIGATION SYSTEM SHALL BE MAINTAINED IN ITS PROPER WORKING ORDER DURING THE 2 YEAR MAINTENANCE PERIOD.
20. ALL WIRING SHALL BE RATED FOR DIRECT BURIAL.

INSPECTION NOTES:

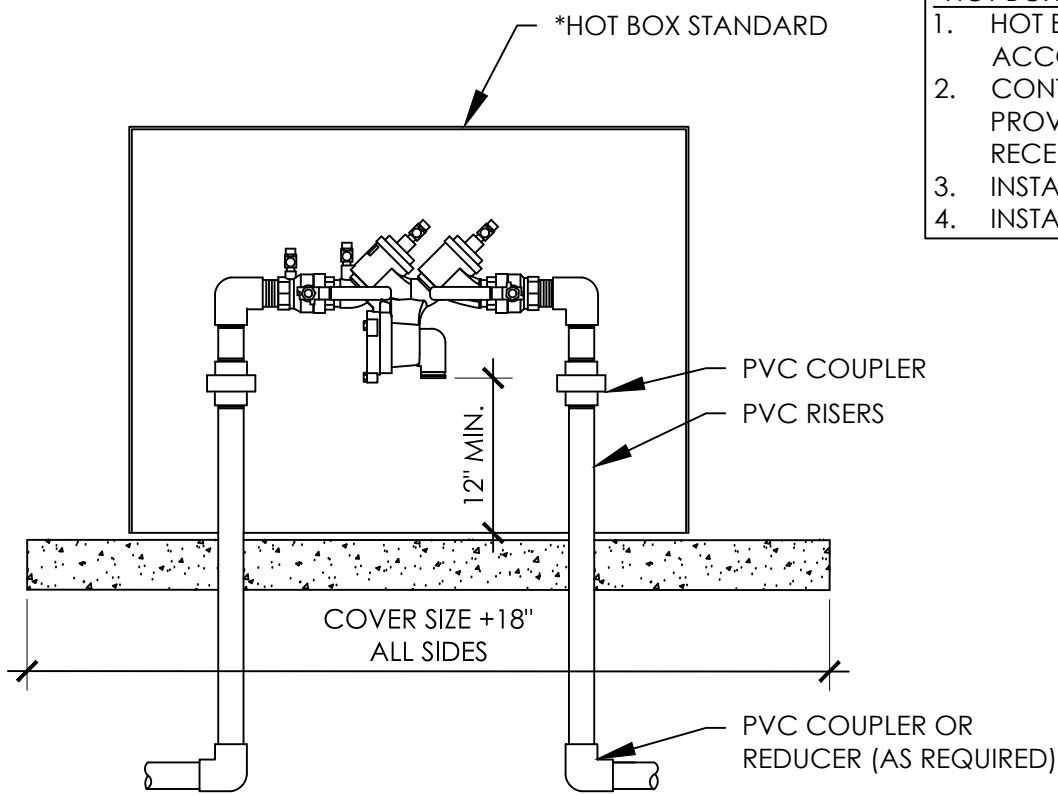
1. HEADS SHALL NOT SPRAY ON IMPERVIOUS SURFACES.
2. HEADS SHALL NOT SPRAY ON WALLS OR FENCES.
3. HEADS SHALL NOT BE CLOSER THAN 4 INCHES OF THE EDGE OF HARDSCAPE.
4. NO DRINKING DOMESTIC USES ALLOWED ON IRRIGATION LINES, NO SWIMMING POOL USE OR FOUNTAINS.
5. CONTRACTOR SHALL COMPLY WITH ALL INSPECTION REQUIREMENTS OF THE MUNICIPALITY.
6. FOR FINAL INSPECTION, IRRIGATOR'S REPRESENTATIVE MUST BE PRESENT.

DRIP NOTES:

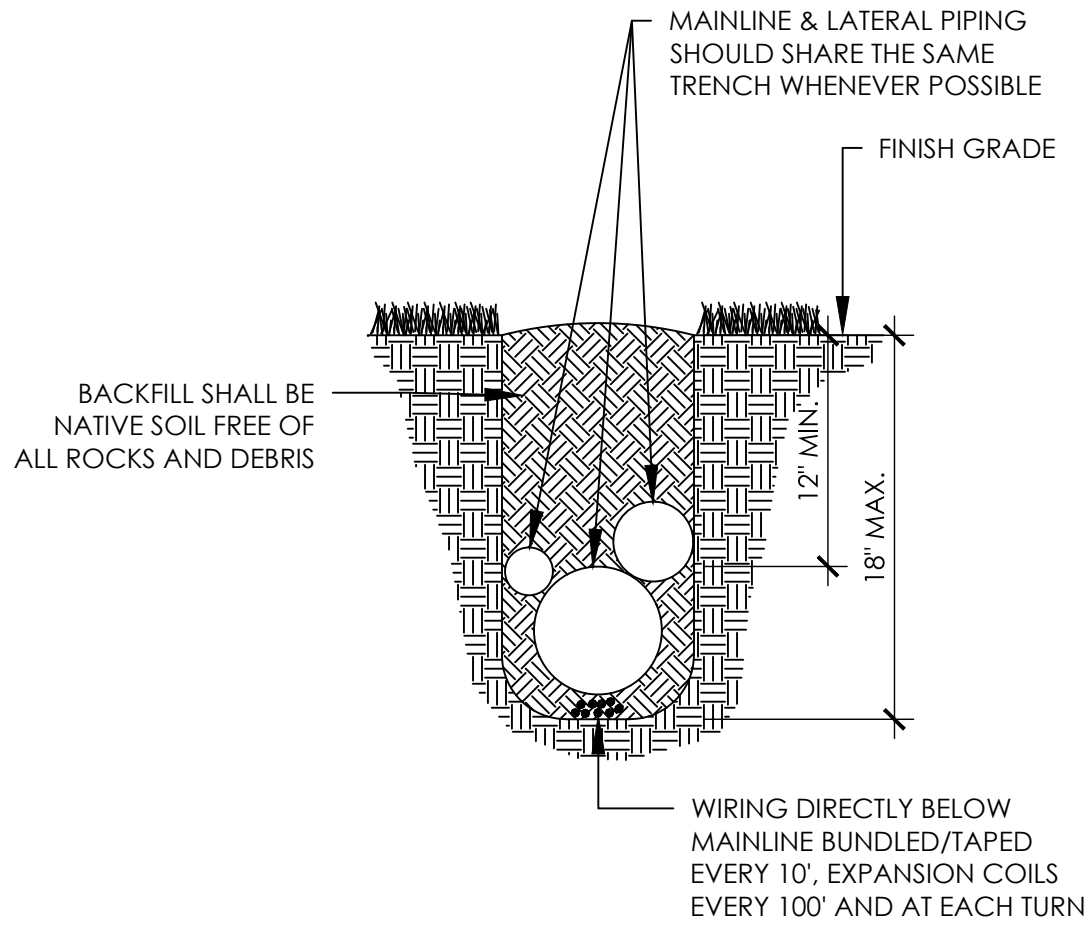
1. AIR RELIEF VALVE TO BE PLACED AT HIGH POINT IN BED.
2. FLUSH VALVE TO BE PLACED AT LOW POINT IN BED ON EXHAUST LINE.
3. THESE LAYOUTS ARE TYPICAL AND ARE SUBJECT TO CHANGE DUE TO SITE CONDITIONS SUCH AS GRADING.
4. IRRIGATION LATERAL LINES FEED SUPPLY HEADERS.

SLEEVING INCLUDED IN
BID PACKAGE #1

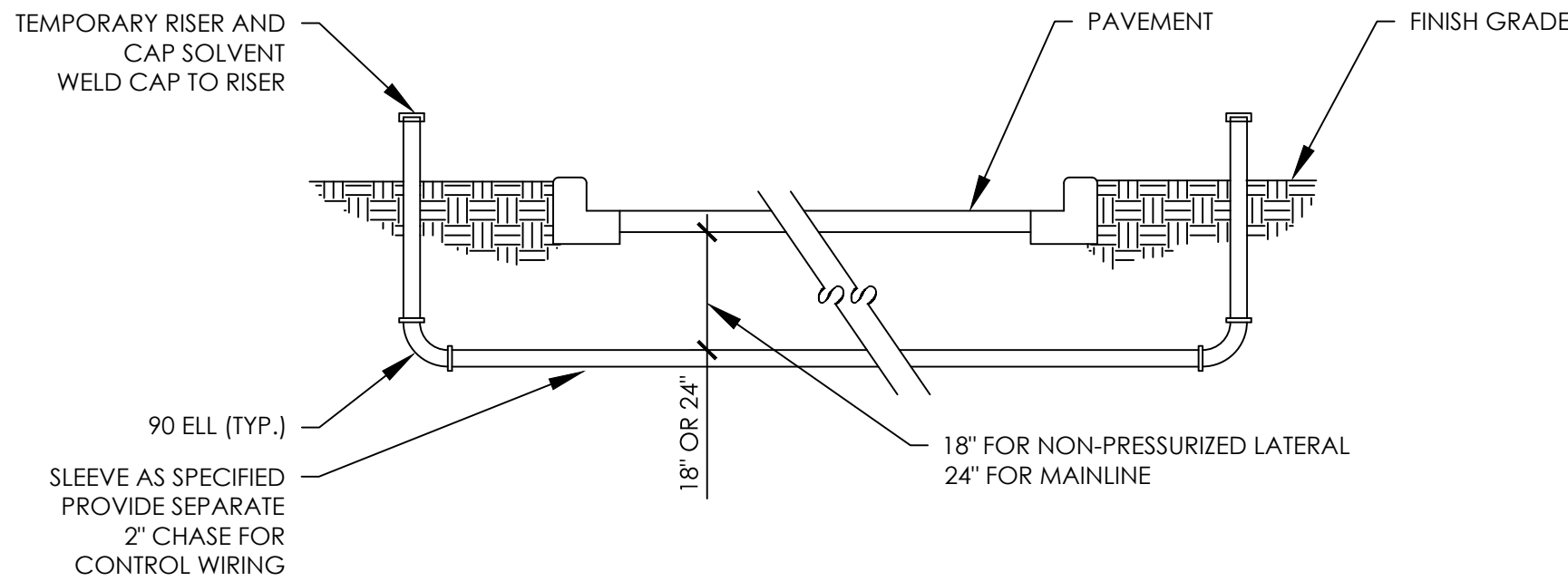
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A REDUCED PRESSURE ZONE ASSEMBLY SCALE: NTS

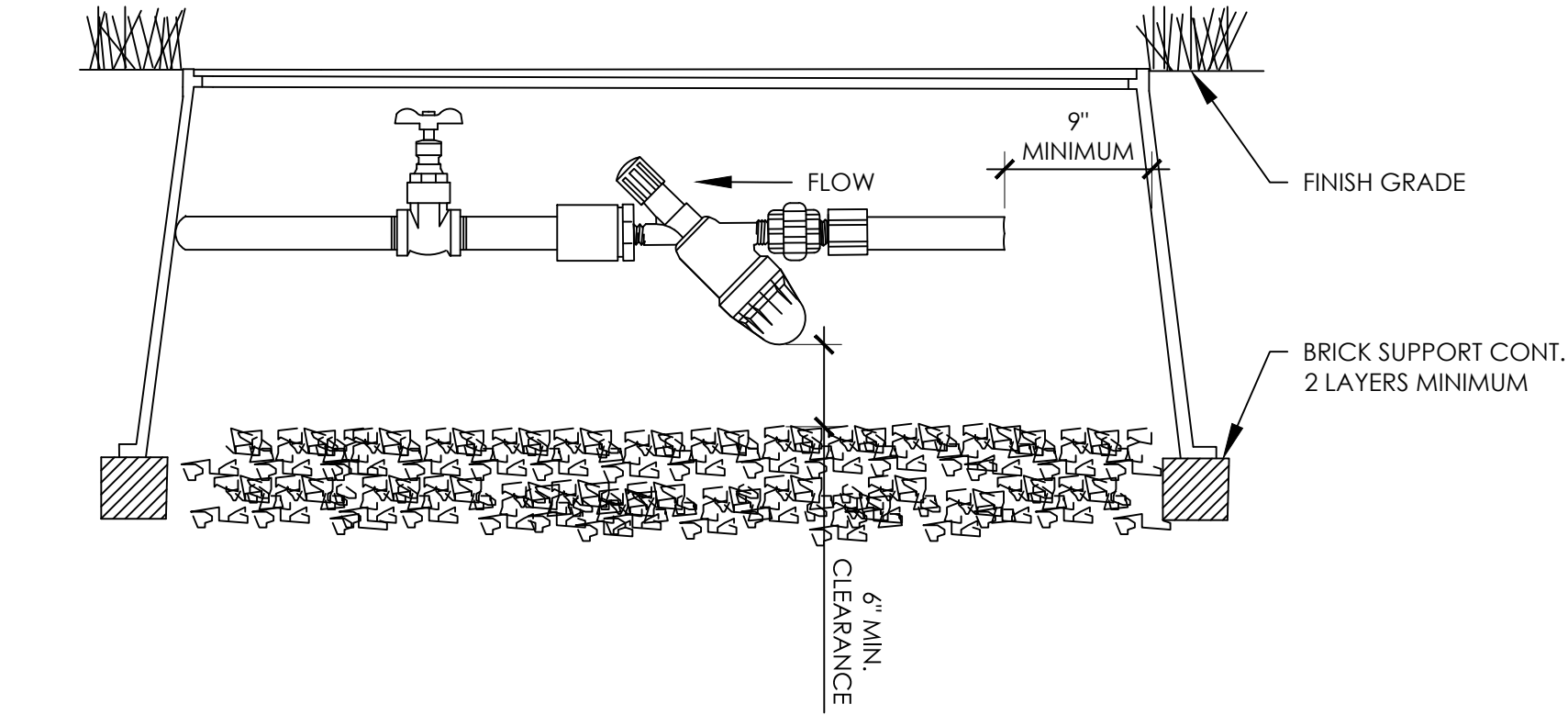


C TYPICAL TRENCH SECTION DETAIL PROVIDED BY TOWN SCALE: NTS

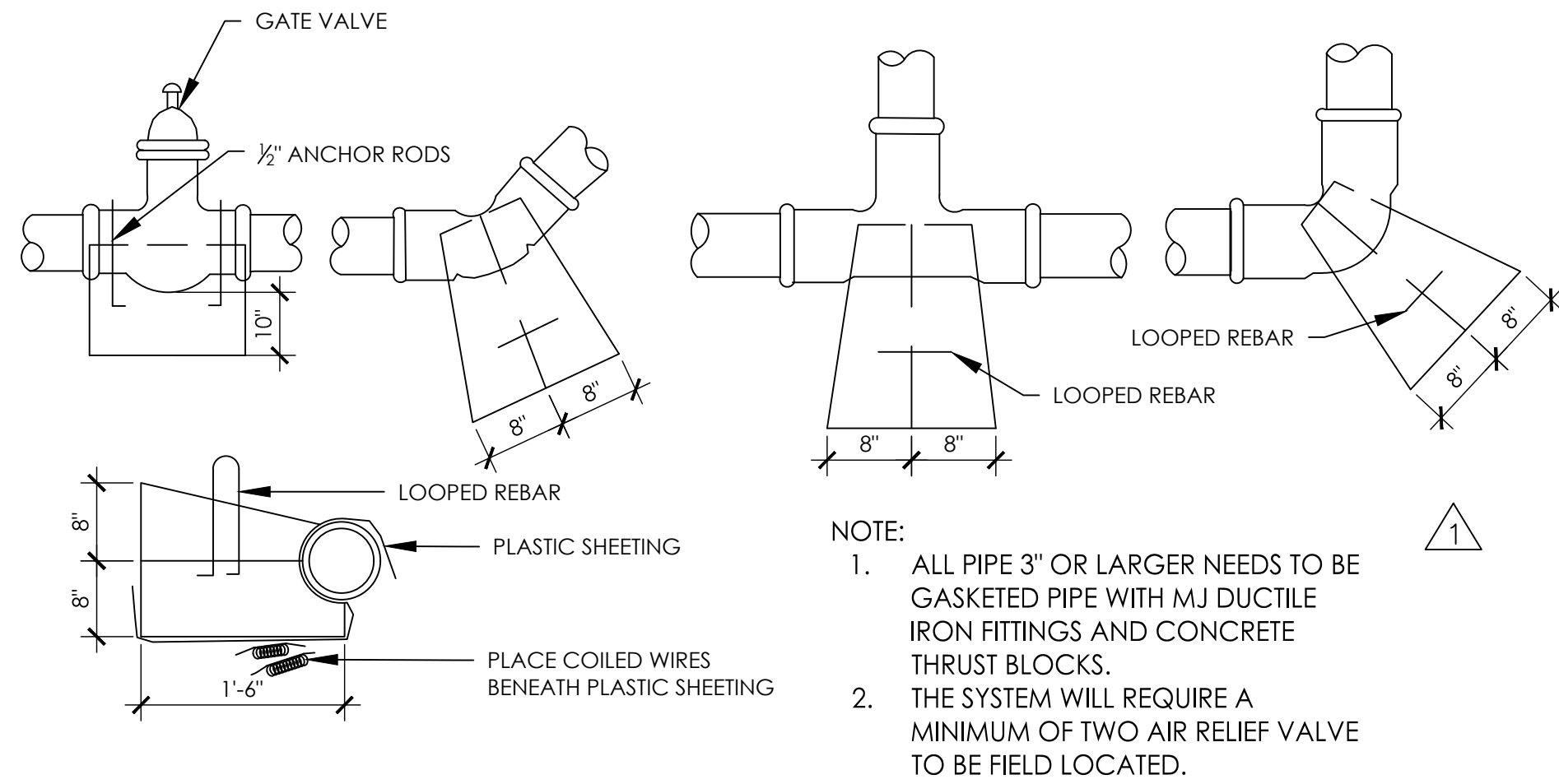


F SLEEVE INSTALLATION SCALE: NTS

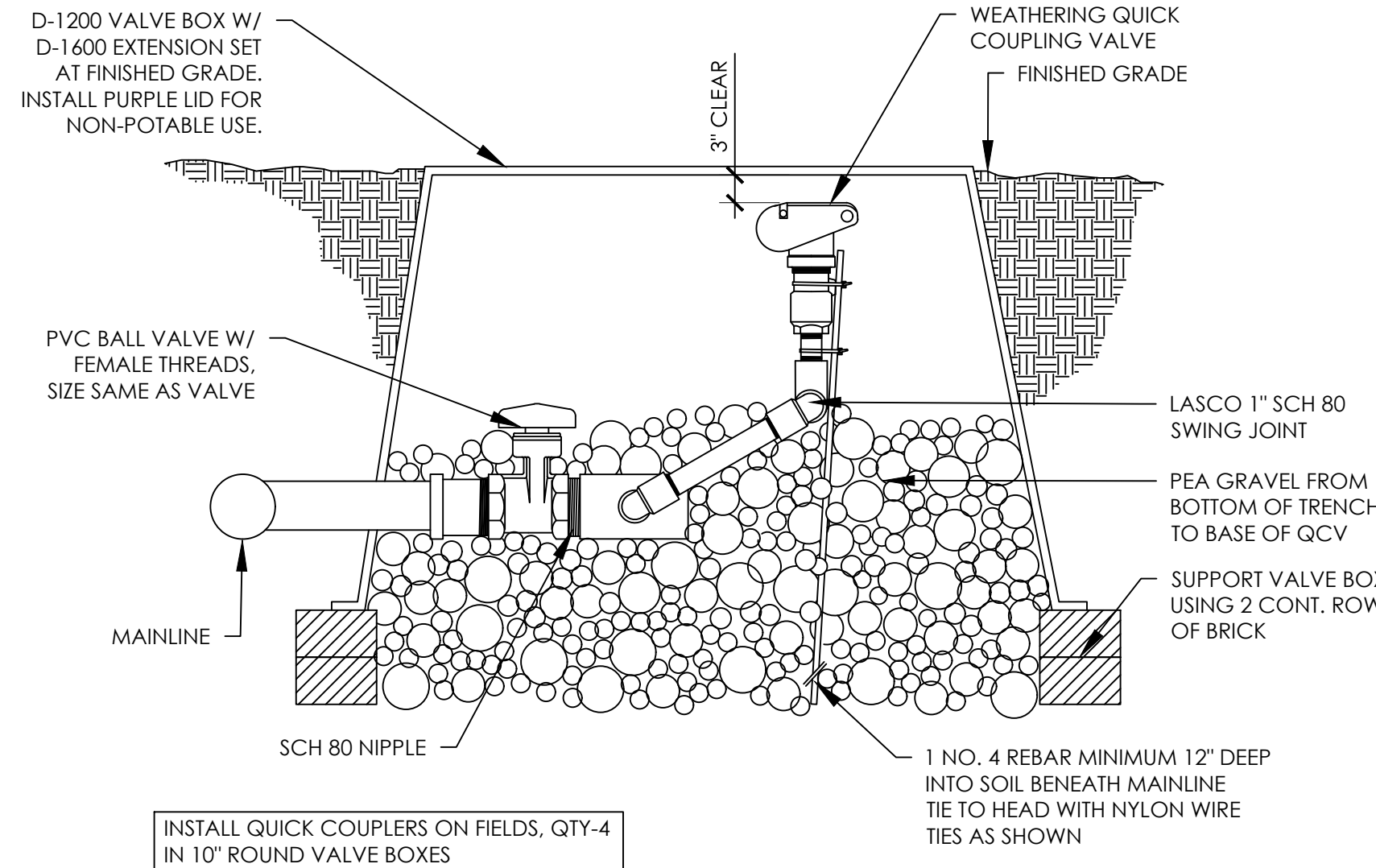
- *HOT BOX NOTES:
1. HOT BOX SHALL BE OF A SIZE TO ACCOMMODATE SPECIFIED CLEARANCES.
 2. CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING POWER TO HOT BOX ELECTRICAL RECEPTACLE.
 3. INSTALL WIRING PER LOCAL CODE.
 4. INSTALL PER MANUFACTURERS INSTRUCTIONS.



B WYE STRAINER SCALE: NTS



D THRUST BLOCK FOR 3" OR LARGER DETAIL PROVIDED BY TOWN SCALE: NTS



G QUICK COUPLING VALVE DETAIL PROVIDED BY TOWN SCALE: NTS

REVISIONS

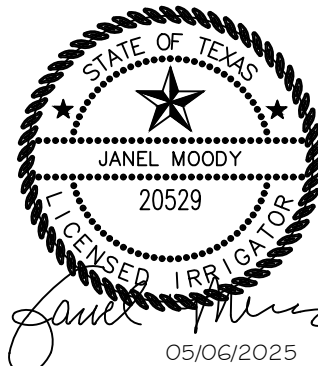
DESCRIPTION

NO. DATE 3. 10/21/2024 PR #2.3 - IRRIGATION UPDATES

IRRIGATION NOTES & DETAILS

DUNAWAY
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PH: 817.741.1114

RAYMOND COMMUNITY PARK
BLOCK 1, LOT 1
WILLIAM BUTLER SURVEY, ABSTRACT NO. 112
TOWN OF PROSPER, COLLIN COUNTY, TEXAS
TOWN PROJECT #:2122-PK

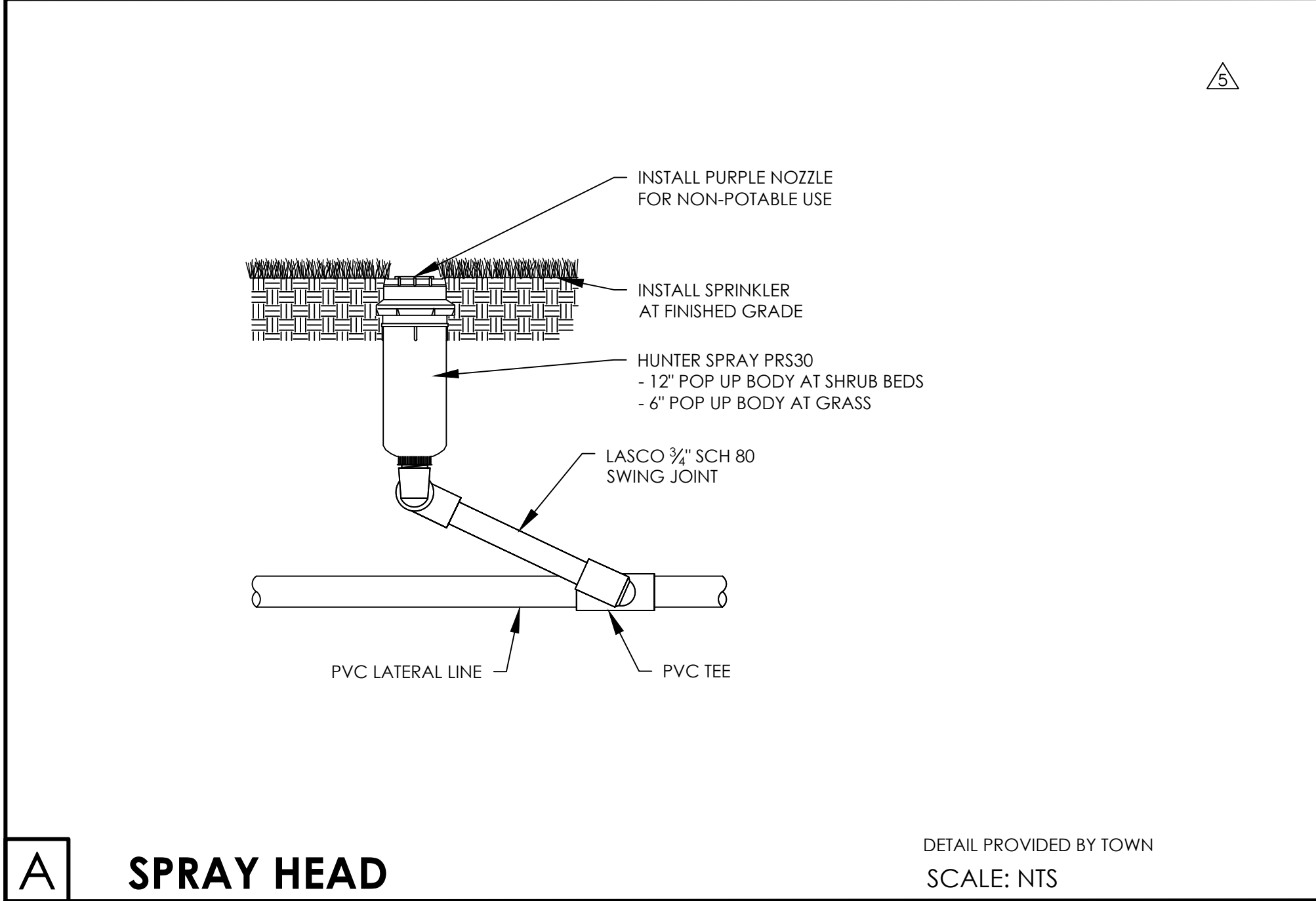


JOB NO. 7691.001
DESIGNED BY: JMM
DRAWN BY: JMM
CHECKED BY: KLS
DATE: MAY 6, 2025
SHEET: L5.20

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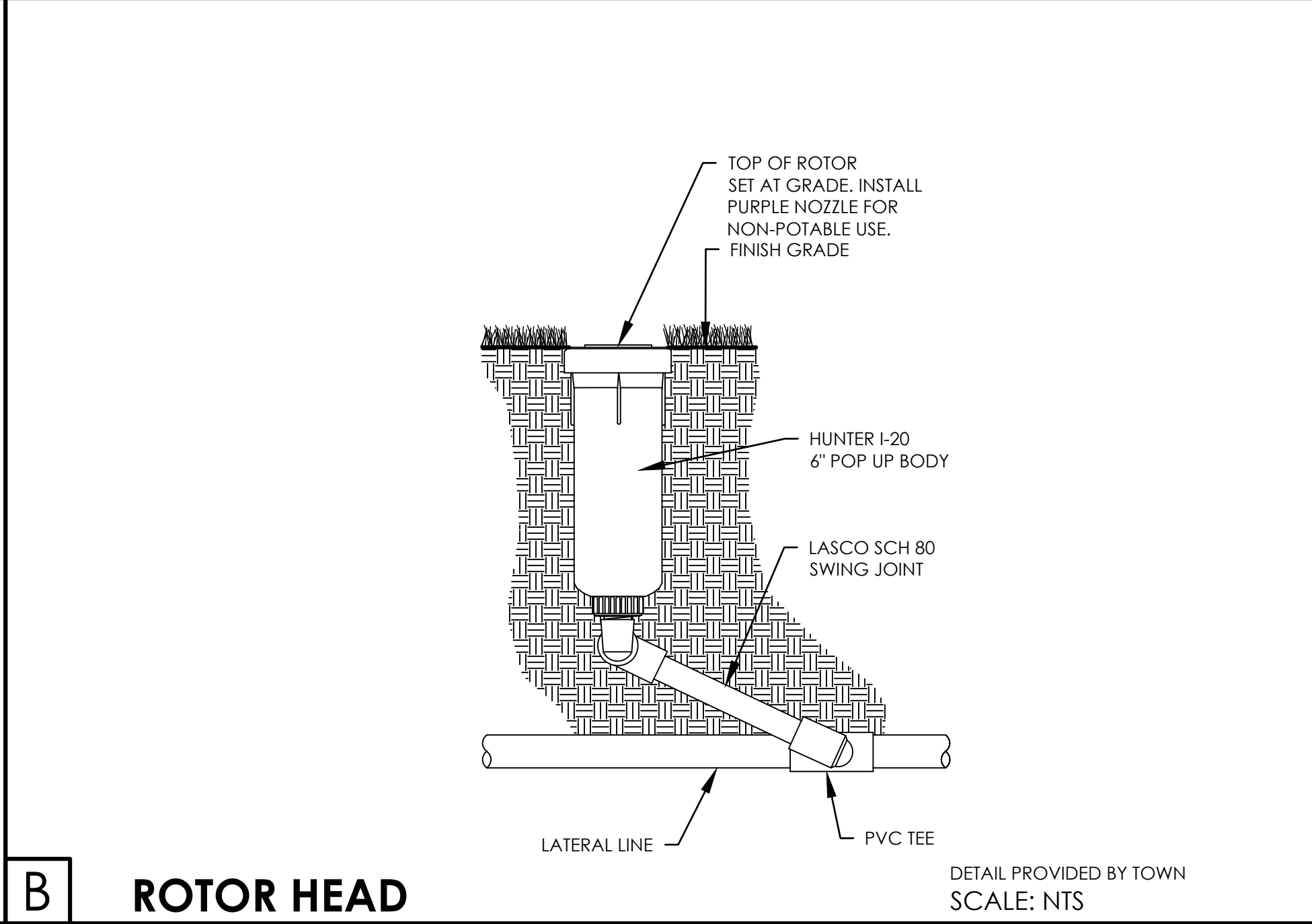
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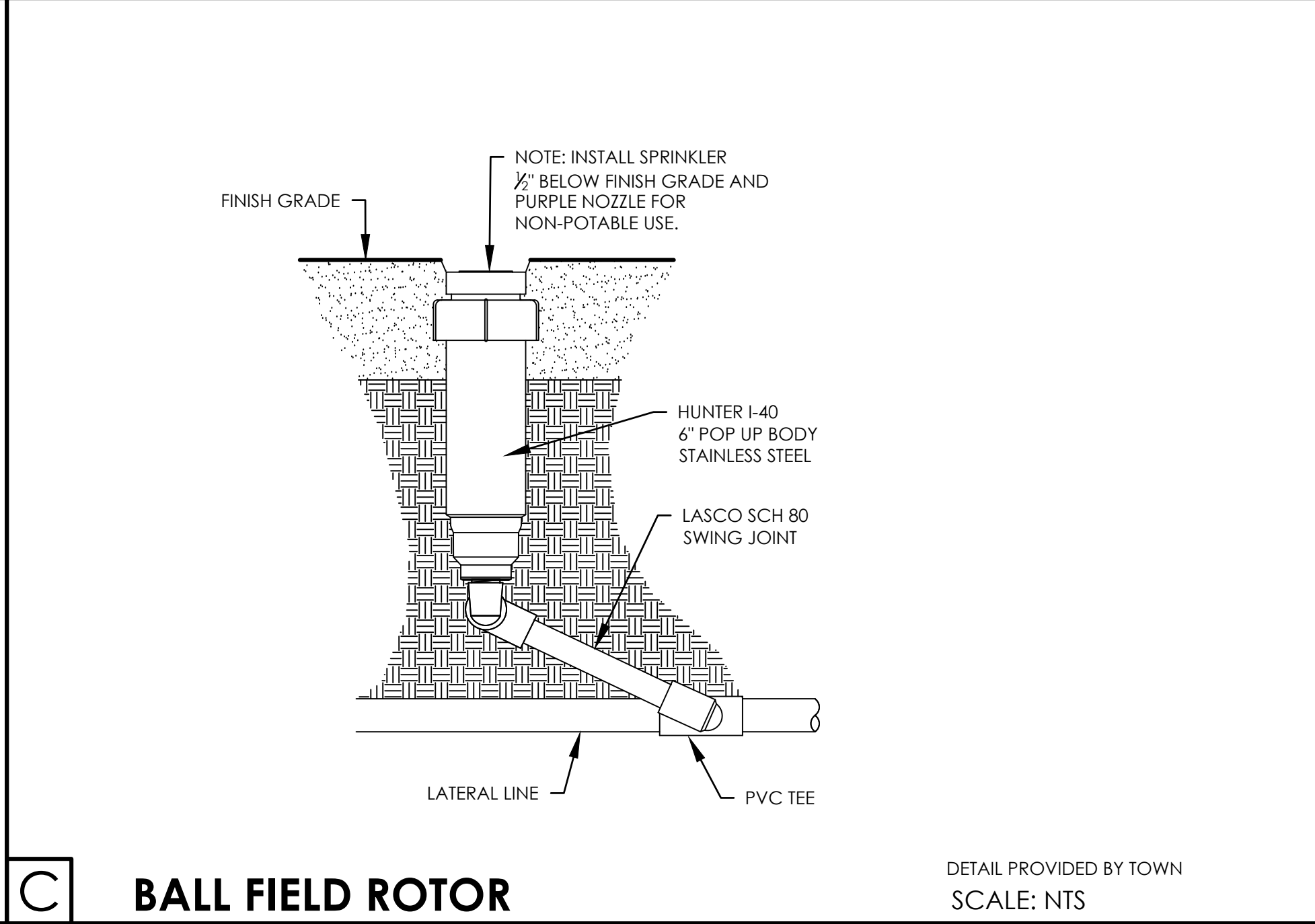
A **SPRAY HEAD**

DETAIL PROVIDED BY TOWN
SCALE: NTS



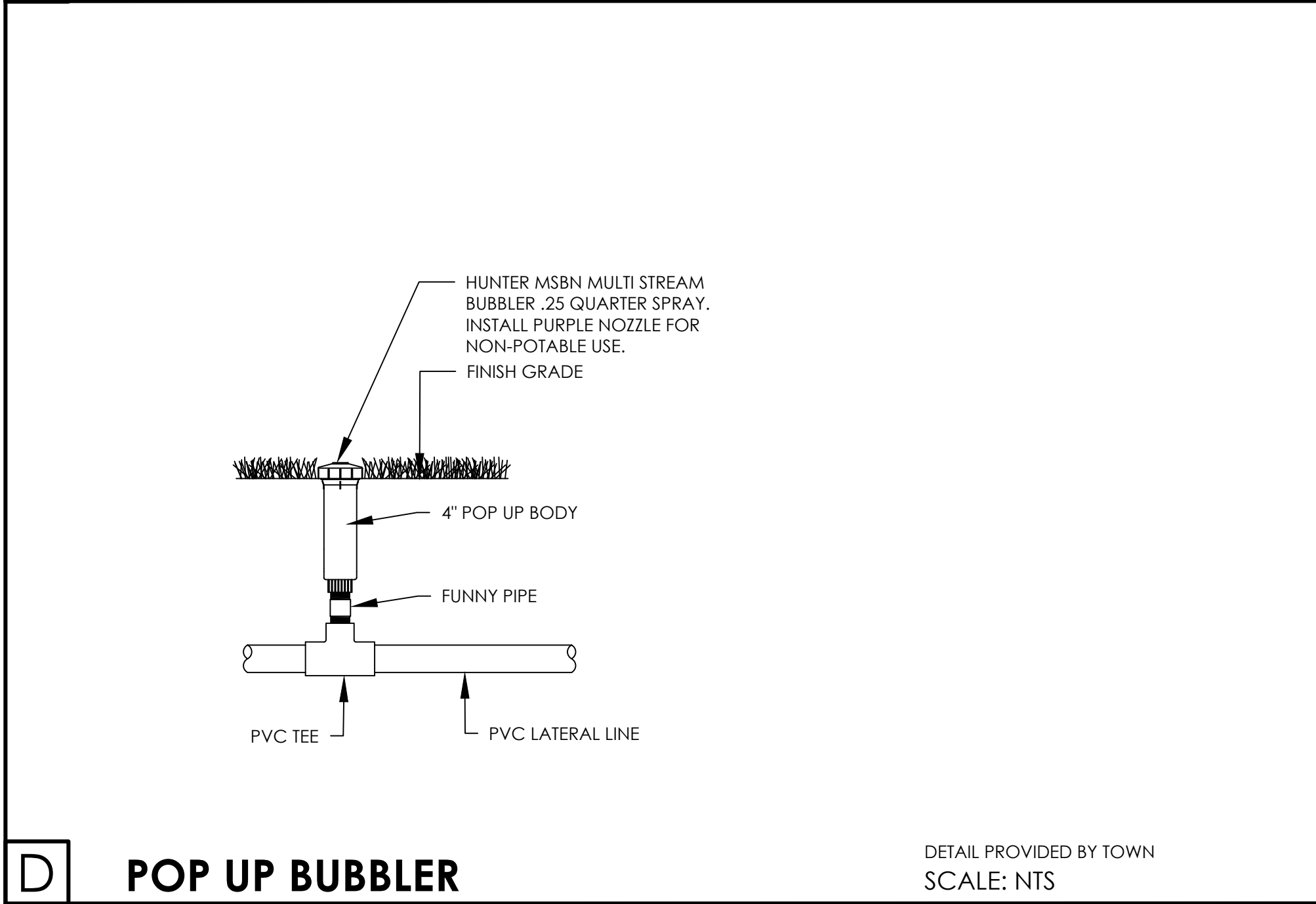
B **ROTOR HEAD**

DETAIL PROVIDED BY TOWN
SCALE: NTS



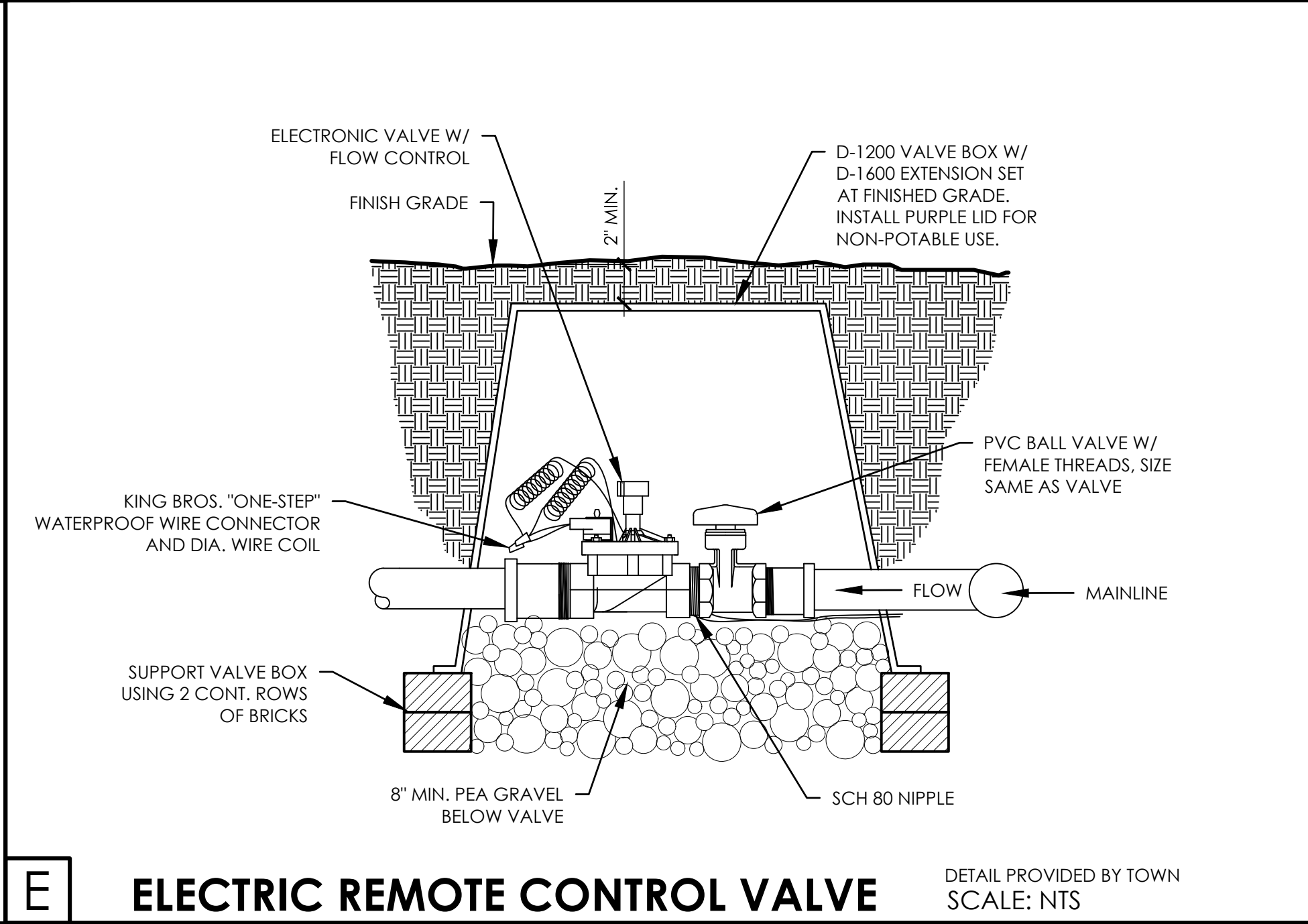
C **BALL FIELD ROTOR**

DETAIL PROVIDED BY TOWN
SCALE: NTS



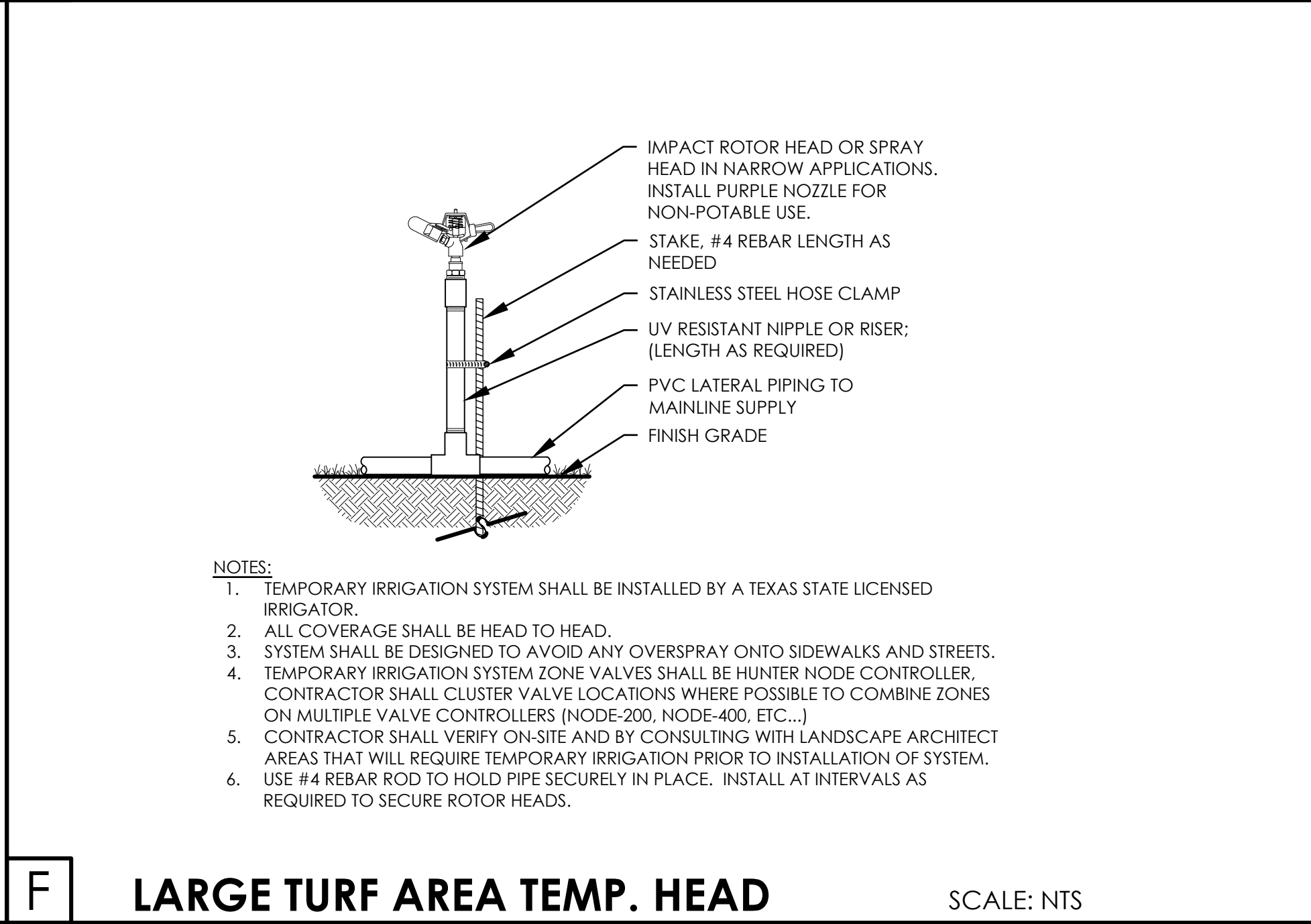
D **POP UP BUBBLER**

DETAIL PROVIDED BY TOWN
SCALE: NTS



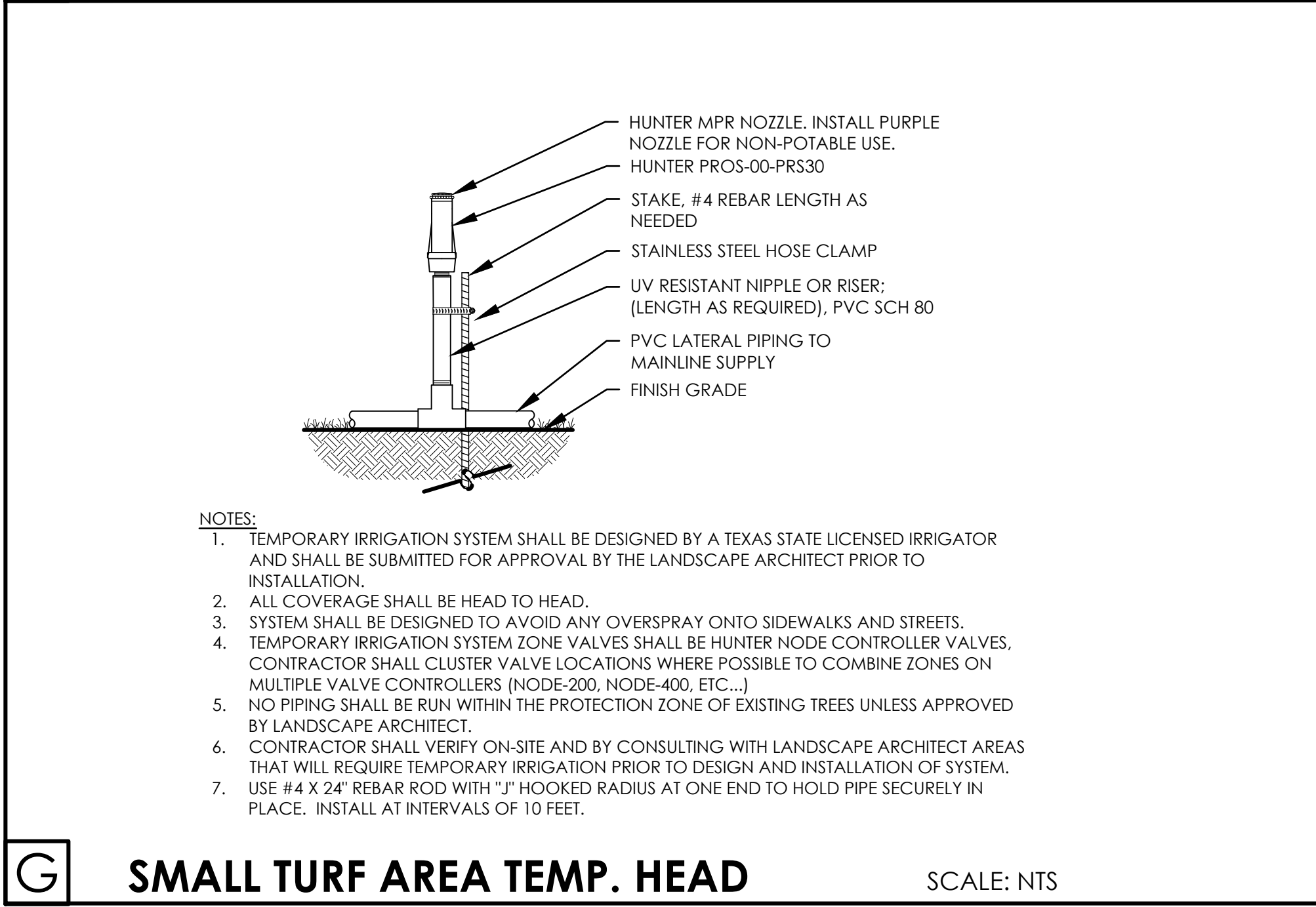
E **ELECTRIC REMOTE CONTROL VALVE**

DETAIL PROVIDED BY TOWN
SCALE: NTS



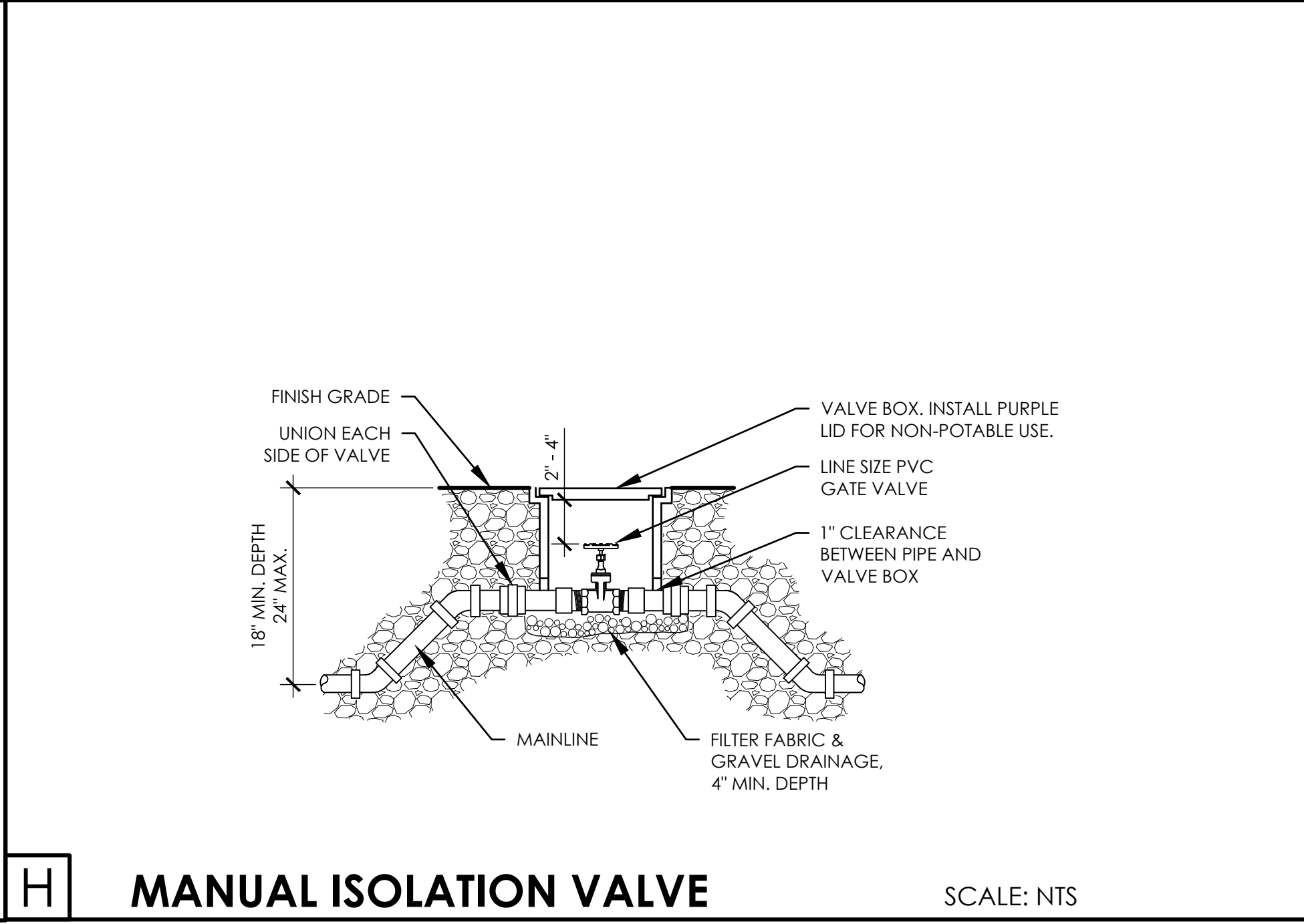
F **LARGE TURF AREA TEMP. HEAD**

SCALE: NTS



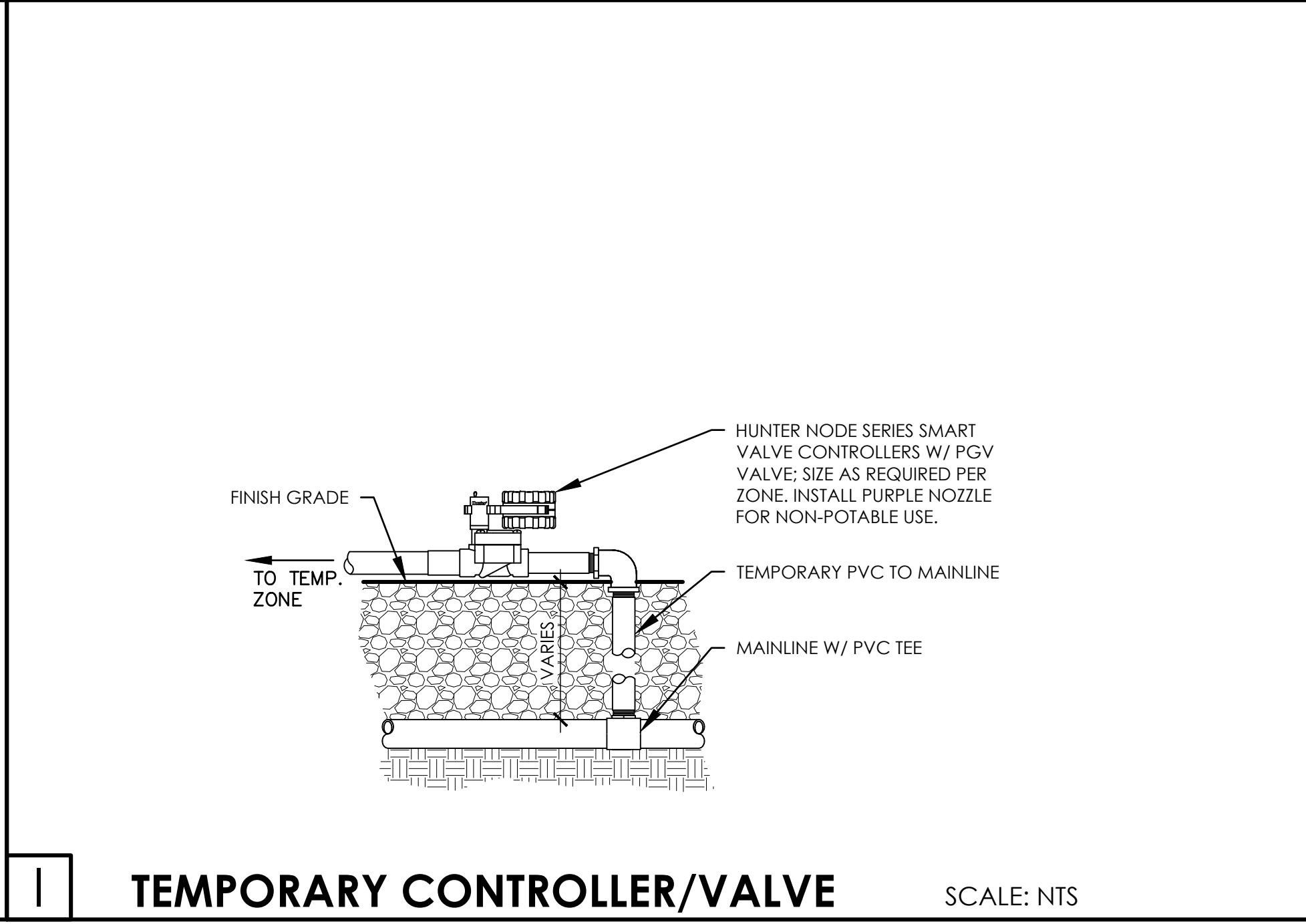
G **SMALL TURF AREA TEMP. HEAD**

SCALE: NTS



H **MANUAL ISOLATION VALVE**

SCALE: NTS



I **TEMPORARY CONTROLLER/VALVE**

SCALE: NTS

REVISIONS		DESCRIPTION	
NO.	DATE	DESCRIPTION	IRRIGATION UPDATES
5.	01/06/2025	ASI #15 -	

IRRIGATION DETAILS

RAYMOND COMMUNITY PARK
BLOCK 1, LOT 1
WILLIAM BUTLER SURVEY, ABSTRACT NO. 112
TOWN OF PROSPER, COLLIN COUNTY, TEXAS
TOWN PROJECT #:2122-PK

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
(817) 881-1114
(817) 881-1114

JANEL MOODY
20529
05/06/2025

JOB NO. 7691.001

DESIGNED BY: JMM

DRAWN BY: JMM

CHECKED BY: KLS

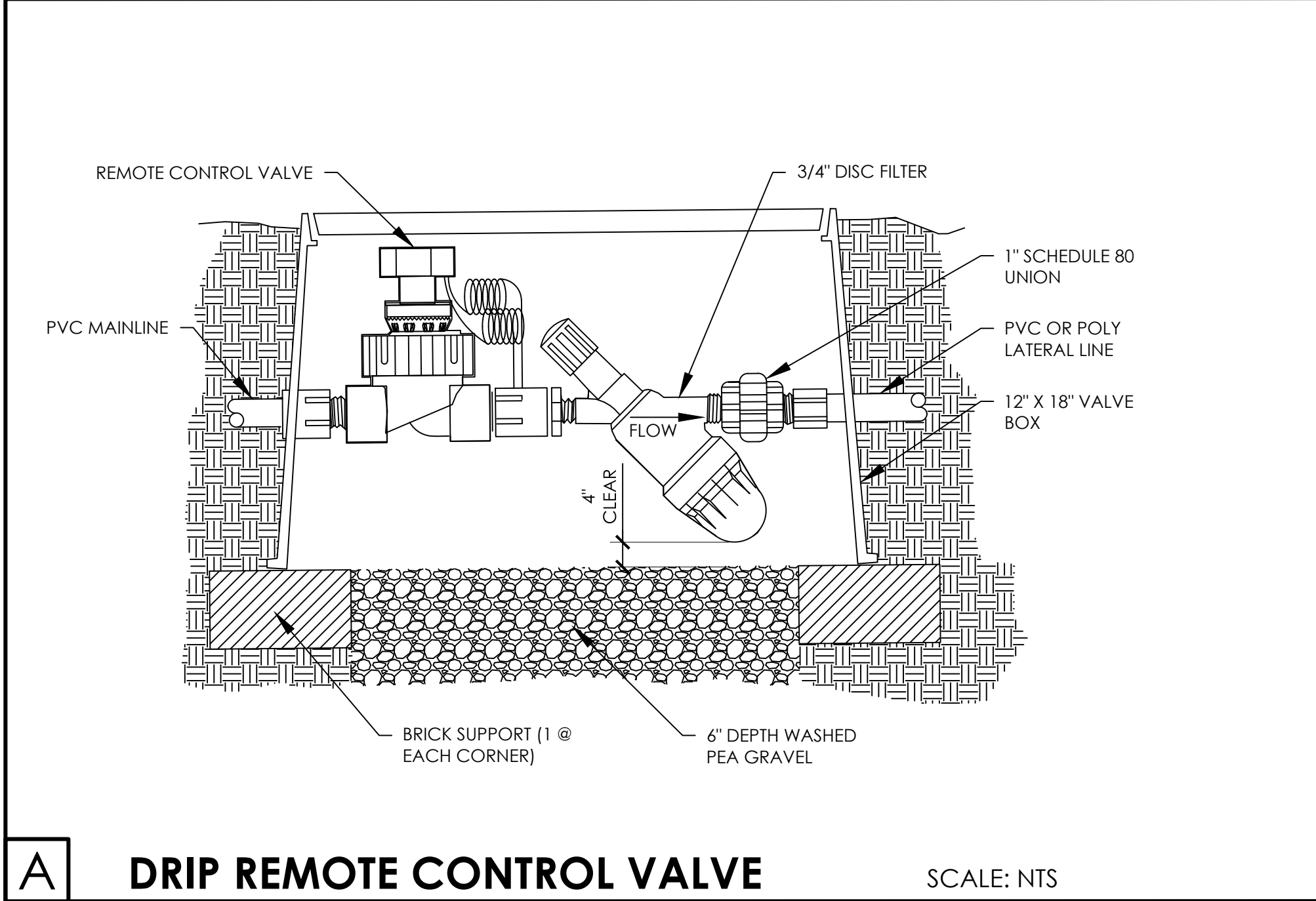
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SHEET: L5.21

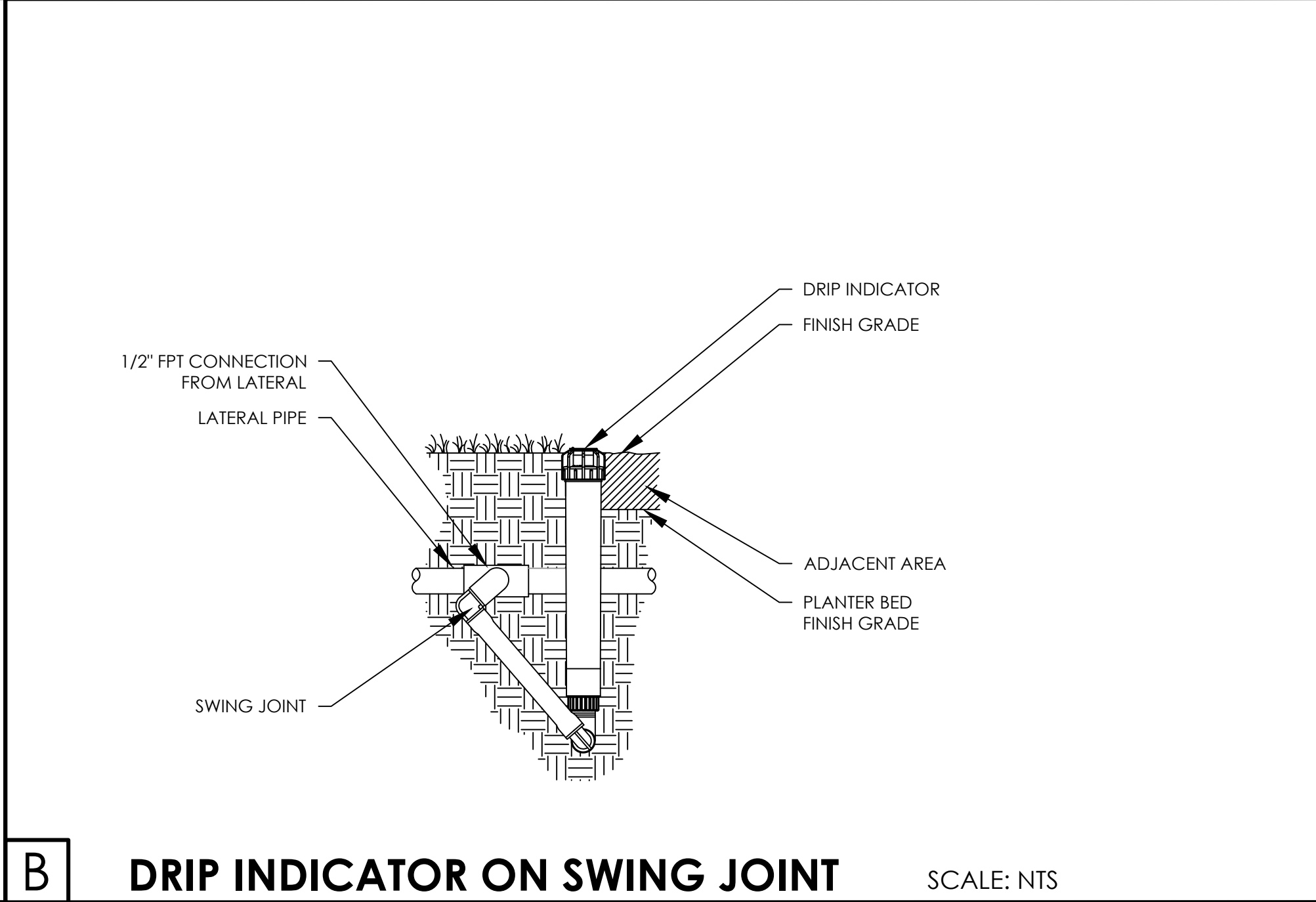
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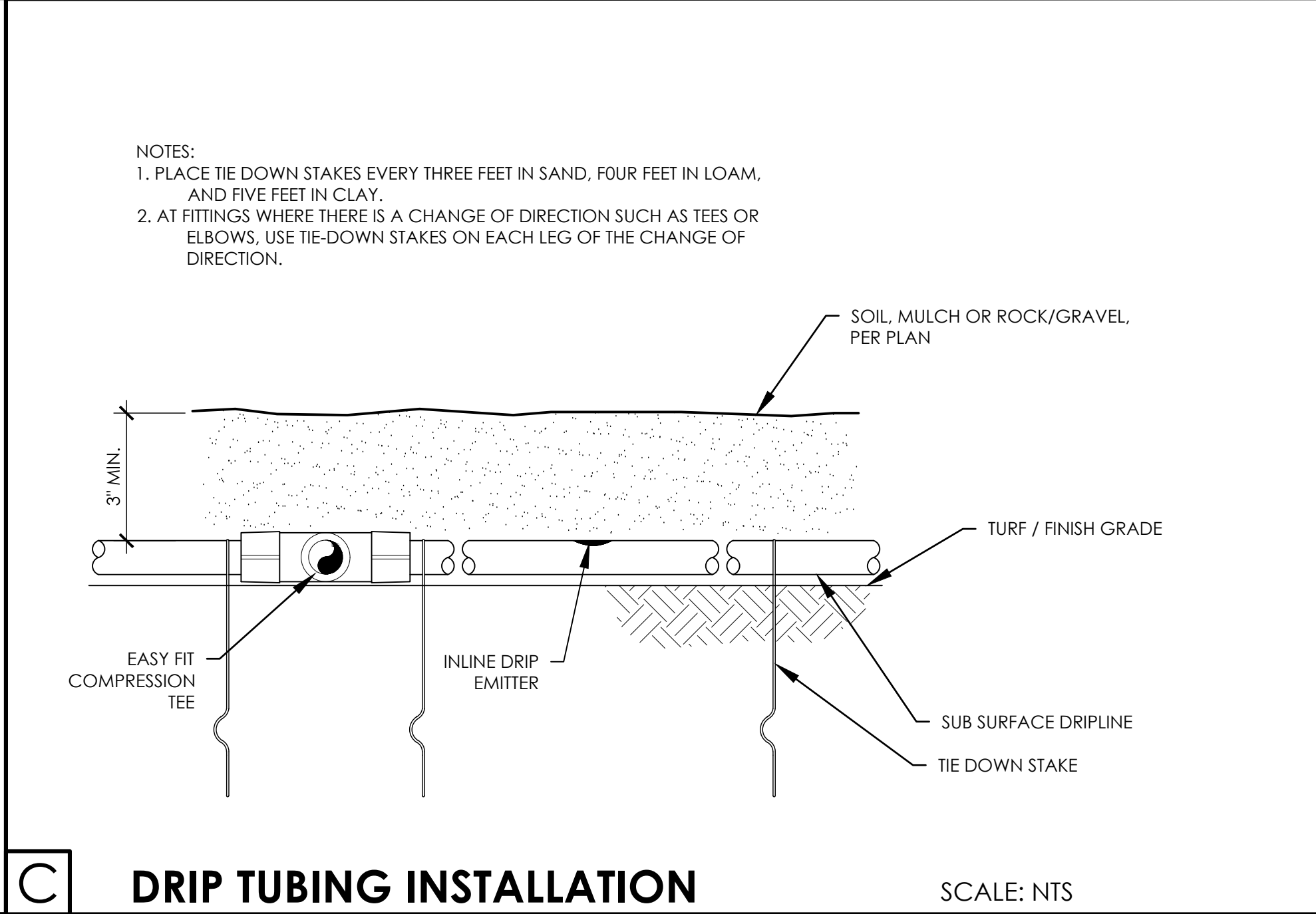
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PLOT DATE: Monday, July 21, 2025



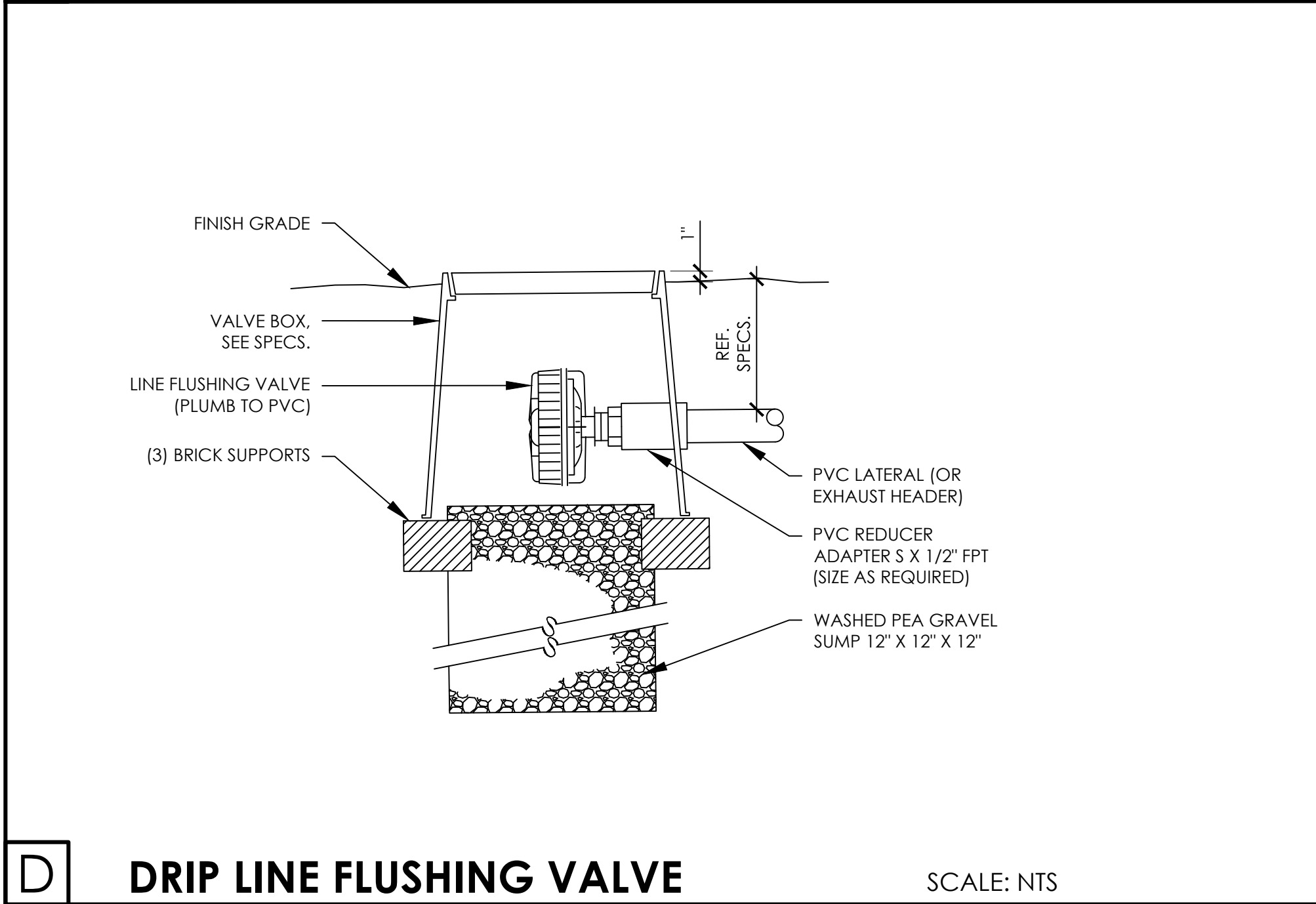
A DRIP REMOTE CONTROL VALVE SCALE: NTS



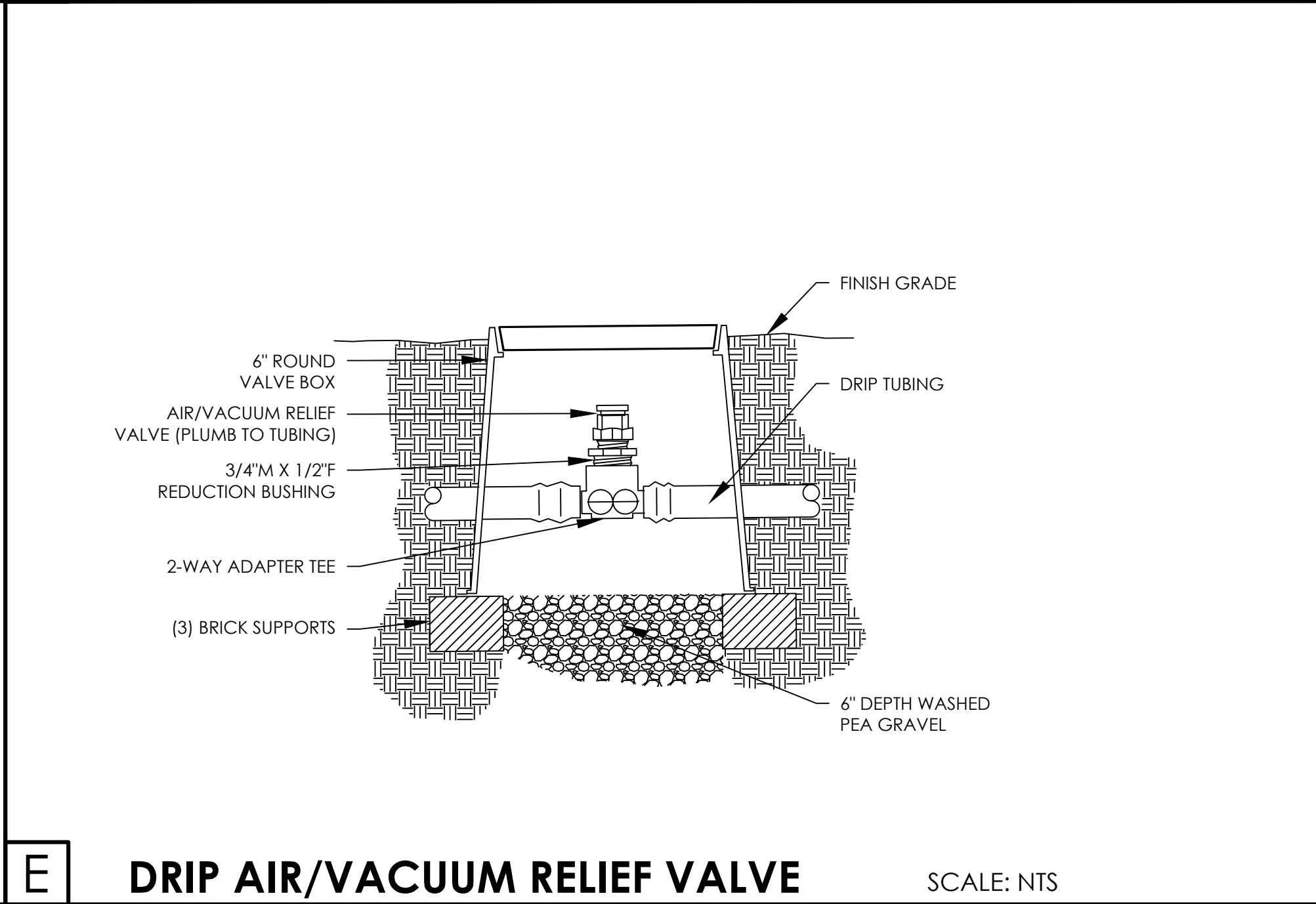
B DRIP INDICATOR ON SWING JOINT SCALE: NTS



C DRIP TUBING INSTALLATION SCALE: NTS



D DRIP LINE FLUSHING VALVE SCALE: NTS



E DRIP AIR/VACUUM RELIEF VALVE SCALE: NTS

- NOTES:
1. ALL PIPE 3" AND LARGER NEEDS TO BE GASKETED PIPE WITH MJ DUCTILE IRON FITTINGS AND CONCRETE THRUST BLOCKS.
 2. THE SYSTEM WILL REQUIRE A MINIMUM OF TWO AIR RELIEF VALVE TO BE FIELD LOCATED.

REVISIONS		DESCRIPTION	
NO.	DATE	DESCRIPTION	DATE
3.	10/21/2024	PR #2.3 - IRRIGATION UPDATES	

IRRIGATION DRIP DETAILS

550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
PH: 817.741.1141

RAYMOND COMMUNITY PARK
BLOCK 1, LOT 1
WILLIAM BUTLER SURVEY, ABSTRACT NO. 112
TOWN OF PROSPER, COLLIN COUNTY, TEXAS
TOWN PROJECT #: 2122-PK

Janel Moody
20529
05/06/2025

JOB NO.	7691.001
DESIGNED BY:	JMM
DRAWN BY:	JMM
CHECKED BY:	KLS
DATE:	MAY 6, 2025
SHEET:	L5.22

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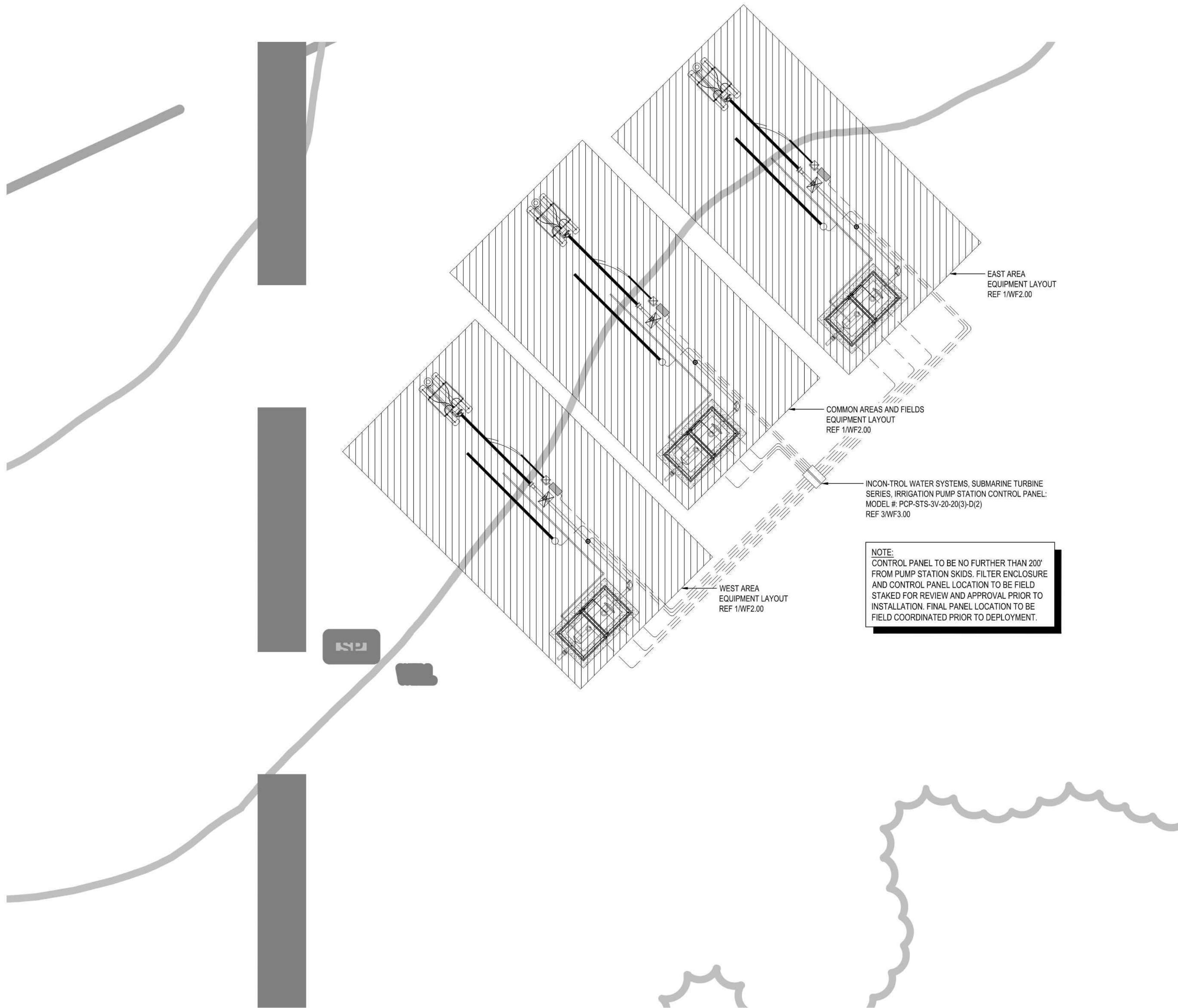
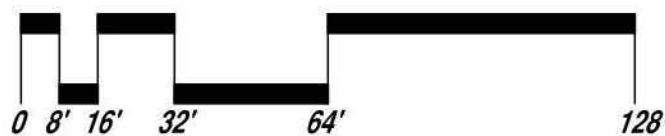
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PLOT DATE: Monday, July 21, 2025
PLOT TIME: 10:11:14 AM



1

OVERALL SITE PLAN

SCALE: 1/32" = 1'-0"



RAYMOND PARK IRRIGATION PUMP STATION & SELF-CLEANING FILTER

ISSUE HISTORY

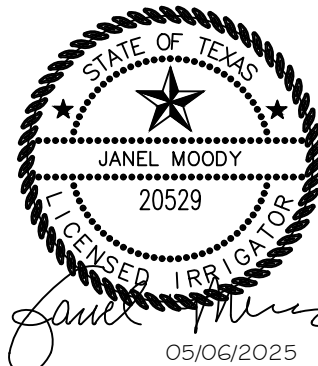
JESSE WELLS
JULY 18, 2025
NOT FOR REGULATORY APPROVAL
PERMITTING OR CONSTRUCTION

**Issue for
Submittal:
Not for
Construction**

TITLE SCOPE
ENLARGEMENT
DATE 7/18/2025
SCALE N.T.S.
SHEET WF1.01
ISSUE FOR
SUBMITTAL

IRRIGATION PUMP DETAILS-1

RAYMOND COMMUNITY PARK
BLOCK 1, LOT 1
WILLIAM BUTLER SURVEY, ABSTRACT NO. 112
TOWN OF PROSPER, COLLIN COUNTY, TEXAS
TOWN PROJECT #:2122-PK



JOB NO. 7691.001
DESIGNED BY: JMM
DRAWN BY: JMM
CHECKED BY: KLS
DATE: MAY 6, 2025
SHEET: L5.23

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
(817) 835-7114
(FAX) 817-835-7114

REVISIONS		DESCRIPTION	
NO.	DATE	DESCRIPTION	
3.	10/21/2024	PR #2.3 - IRRIGATION UPDATES	
4.	11/11/2024	IRRIGATION PUMP UPDATES	
10.	7/21/2025	ASI #20 - IRRIGATION PUMP UPDATES	

BID PACKAGE #2



RAYMOND PARK
IRRIGATION PUMP STATION & SELF-CLEANING FILTER

SHOP DRAWINGS

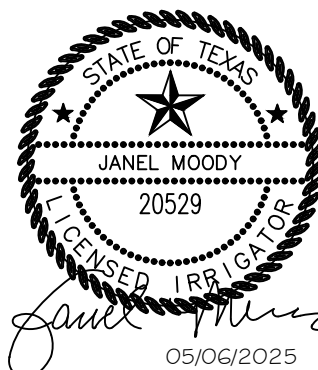
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DATE	07/15/2024
SCALE	N.T.S.
SHEET	WF5.00
ISSUE	FOR
	SUBMITTAL

REVISIONS		
NO.	DATE	DESCRIPTION
3.	10/21/2024	PR #2.3 - IRRIGATION UPDATES
4.	11/11/2024	IRRIGATION PUMP UPDATES
10.	7/21/2025	ASI #20 - IRRIGATION PUMP UPDATES

IRRIGATION PUMP DETAILS-4

DUNAWAY
5550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
Tel: 817/335-1121
(TX REG. F-1114)

RAYMOND COMMUNITY PARK
BLOCK 1, LOT 1
WILLIAM BUTLER SURVEY, ABSTRACT NO. 112
TOWN OF PROSPER, COLLIN COUNTY, TEXAS
TOWN PROJECT #2122-PK



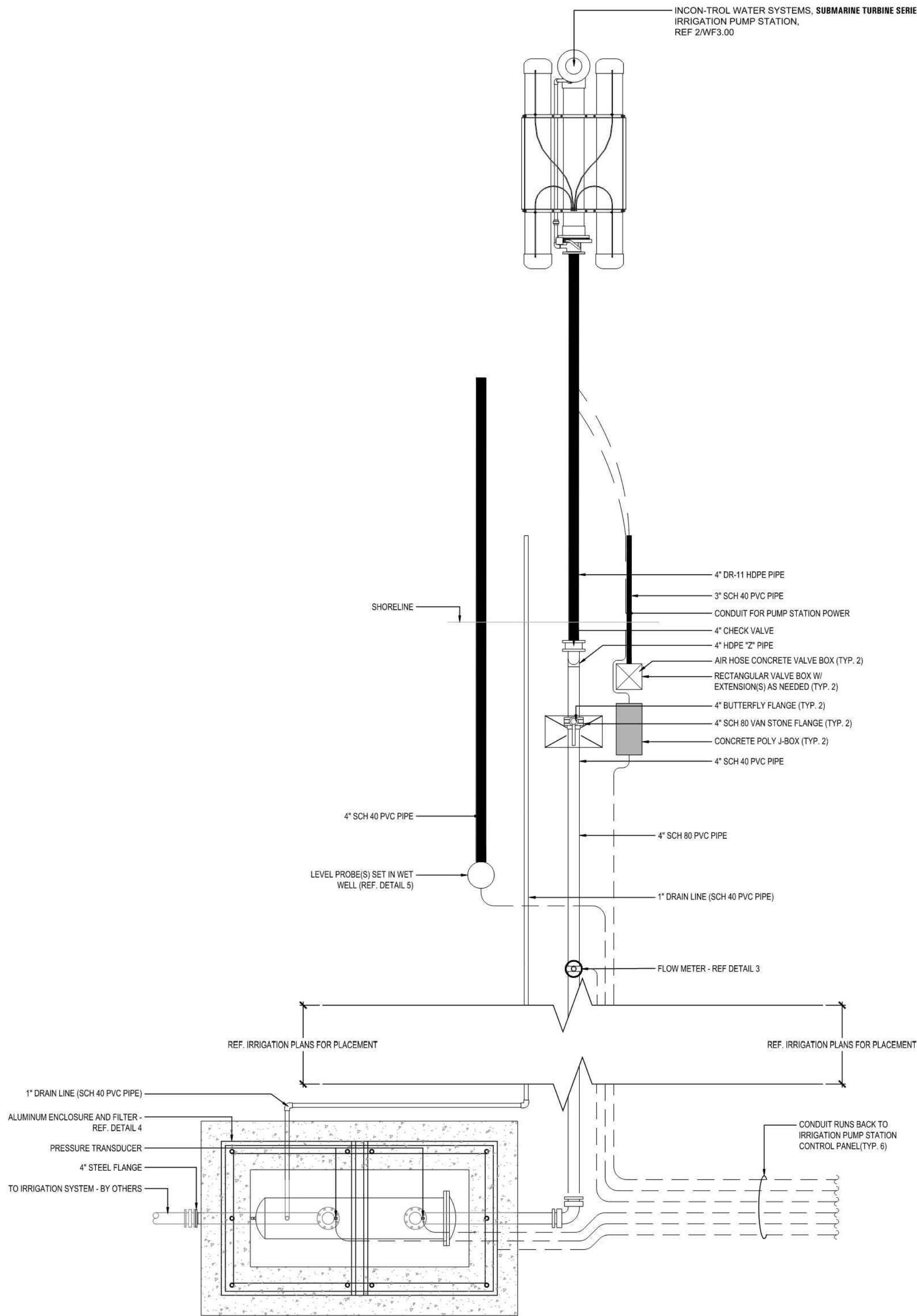
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DESIGNED BY:	JMM
DRAWN BY:	JMM
CHECKED BY:	KLS
DATE:	MAY 6, 2025
SHEET: L5.26	

BID PACKAGE #2

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FILENAME: 7691 Irrigation Plan.dwg
PLOT DATE: Monday, July 21, 2025
PLOT TIME: 11:11:11 AM

- NOTES:**
- THE INTENT OF THIS DESIGN IS TO SHOW THE PLACEMENT OF THE EQUIPMENT ELECTRICAL. THIS DOCUMENT SHOWS CONDUIT LOCATION AND CONTROL PANEL LOCATION (TYPE) AS A GUIDE ONLY. IT IS THE RESPONSIBILITY OF THE LICENSED ELECTRICAL CONTRACTOR (INSTALLER) TO INSTALL APPROPRIATELY SIZED WIRE, CONDUIT(S), BONDING, AND SERVICES IN ACCORDANCE WITH BUT NOT LIMITED TO ALL CITY AND N.E.C. CODES.
 - IT IS THE RESPONSIBILITY OF THE LICENSED ELECTRICAL CONTRACTOR (INSTALLER) TO PROVIDE ANY ASSOCIATED PERMITS FOR INSPECTION PURPOSES. ELECTRICAL CONTRACTOR IS RESPONSIBLE TO PROVIDE SHOP DRAWINGS TO OWNER / OWNERS REP AND/OR THE DESIGN TEAM BY A MASTER ELECTRICIAN WITH THEIR FULL NAME AND LICENSE NUMBER.
 - PLUMBING RUNS SHOWN ARE DIAGRAMMATIC IN NATURE. FIELD INSTALLER TO LOCATE MOST APPROPRIATE PLUMBING LAYOUT IN ACCORDANCE WITH EXISTING SITE CONDITIONS.
 - INCON-TROL WATER SYSTEMS' ELECTRICAL CONTRACTORS LICENSE NUMBER: 25026, REGULATED BY THE TEXAS DEPARTMENT OF LICENSING AND REGULATION, P.O. BOX 12157, AUSTIN, TEXAS 78711, 1.800.803.9202, 512.463.6599; WEBSITE: WWW.LICENSE.STATE.TX.US/COMPLAINTS.
 - INCON-TROL WATER SYSTEMS' MASTER ELECTRICIAN: MARK BOLAN, LICENSE REGISTRATION #: 35984



1 EQUIPMENT LAYOUT (TYP. AT ALL LOCATIONS)
SCALE: N.T.S.



RAYMOND PARK
IRRIGATION PUMP STATION & SELF-CLEANING FILTER

ISSUE HISTORY

JESSE WELLS
JULY 18, 2025
NOT FOR REGULATORY APPROVAL
PERMITTING OR CONSTRUCTION

**Issue for
Submittal:
Not for
Construction**

TITLE	EQUIPMENT
	LAYOUT
DATE	7/18/2025
SCALE	N.T.S.
SHEET	WF2.00
ISSUE	FOR
	SUBMITTAL

REVISIONS		DESCRIPTION	
NO.	DATE		
3.	10/21/2024	PR #2.3 - IRRIGATION UPDATES	
4.	11/11/2024	IRRIGATION PUMP UPDATES	
10.	7/21/2025	ASI #20 - IRRIGATION PUMP UPDATES	

IRRIGATION PUMP DETAILS-2

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
(817) 881-7114

RAYMOND COMMUNITY PARK
BLOCK 1, LOT 1

WILLIAM BUTLER SURVEY, ABSTRACT NO. 112
TOWN OF PROSPER, COLLIN COUNTY, TEXAS
TOWN PROJECT #: 2122-PK

STATE OF TEXAS
JANEL MOODY
20529
LICENSED IRRIGATOR
05/06/2025

JOB NO. 7691.001

DESIGNED BY: JMM

DRAWN BY: JMM

CHECKED BY: KLS

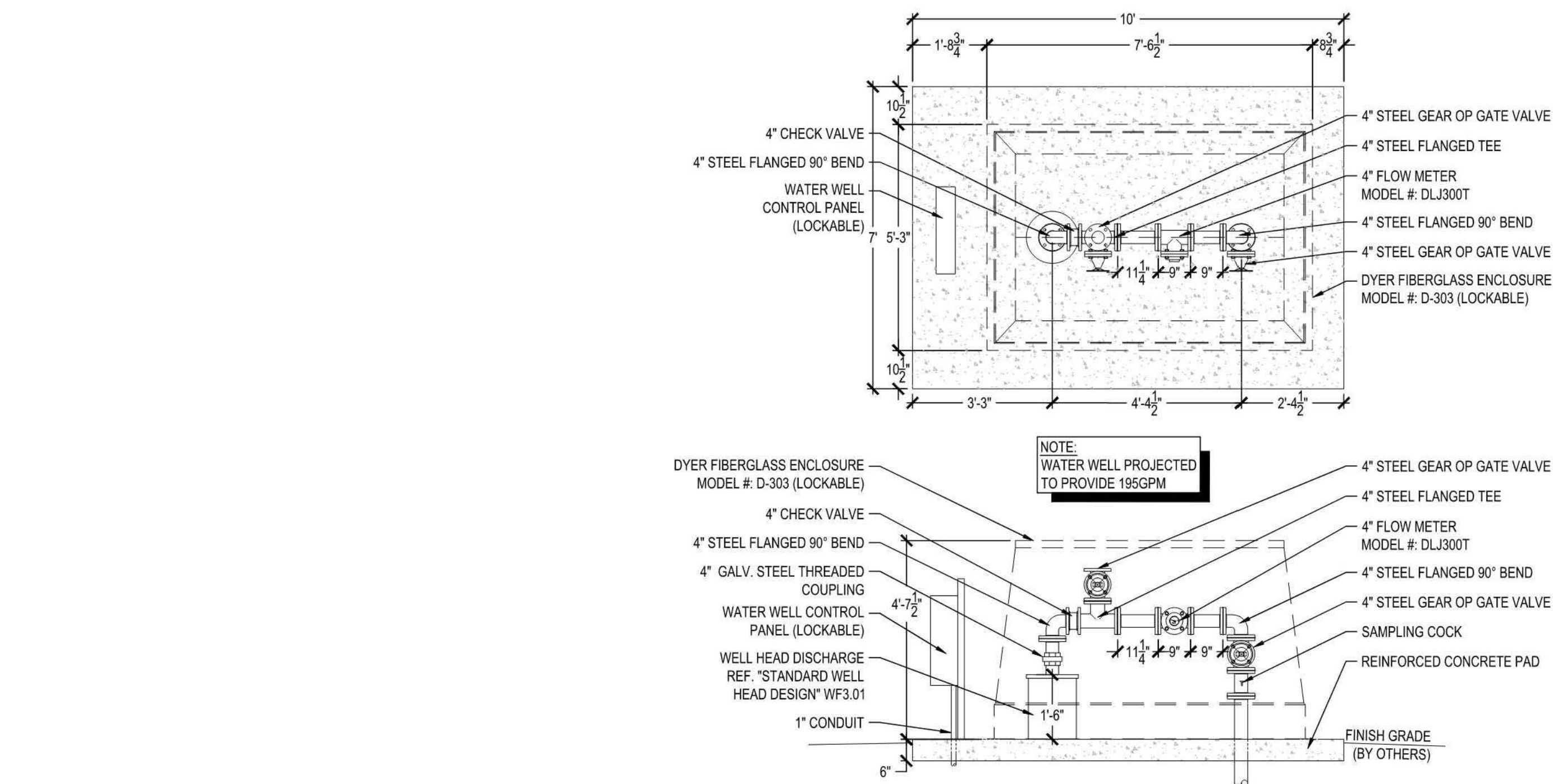
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SHEET: L5.24

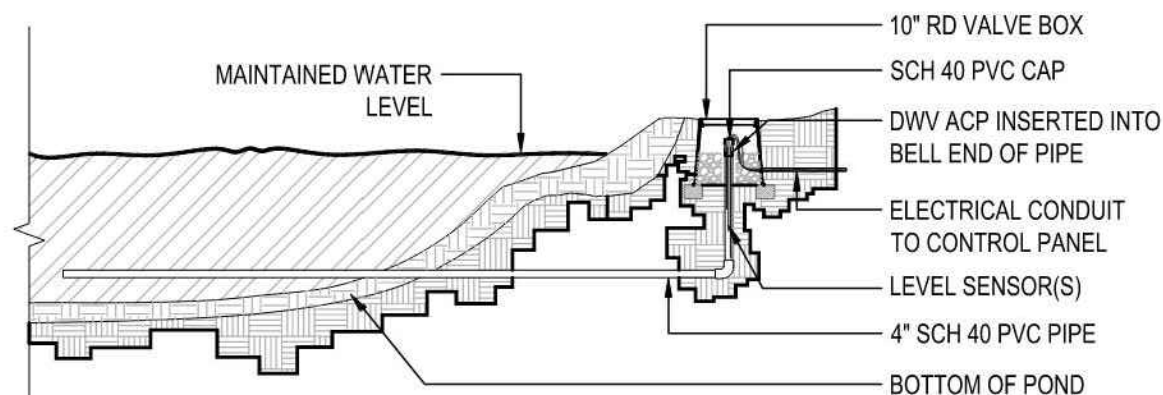
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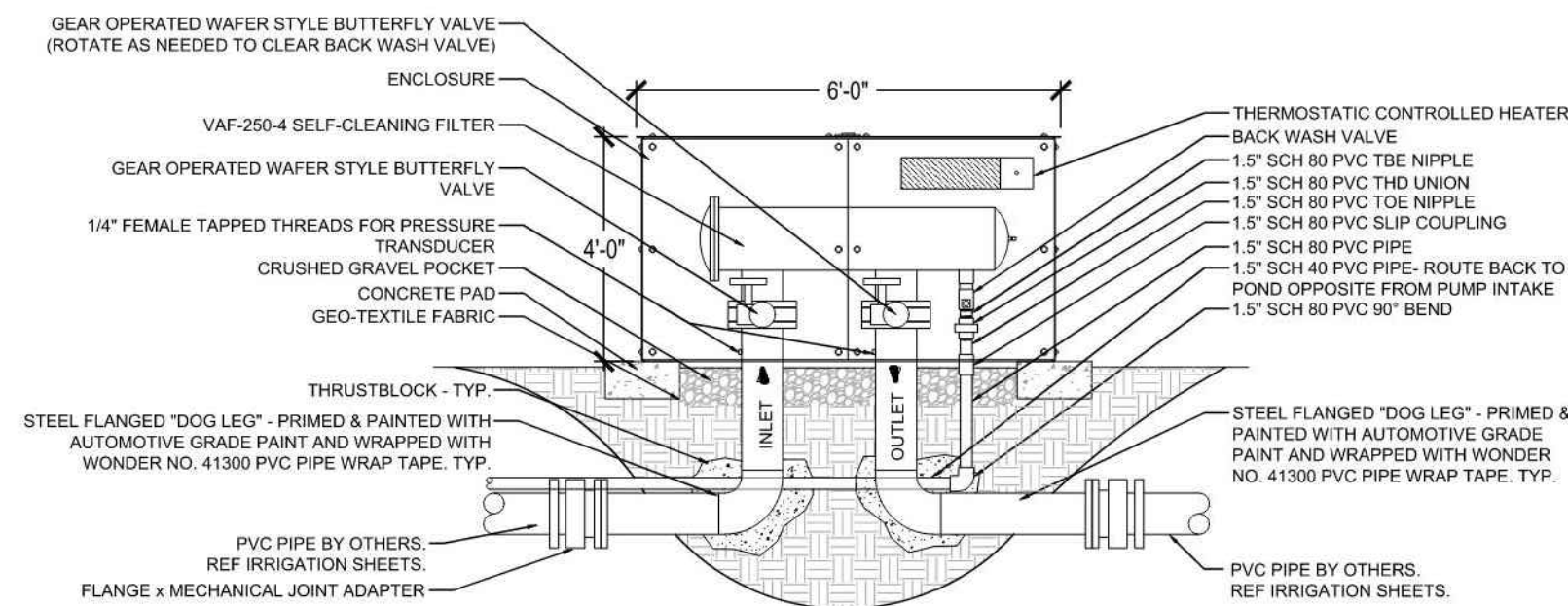
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PLOT DATE: 05/06/2025
PLOT TIME: 10:05:11 AM



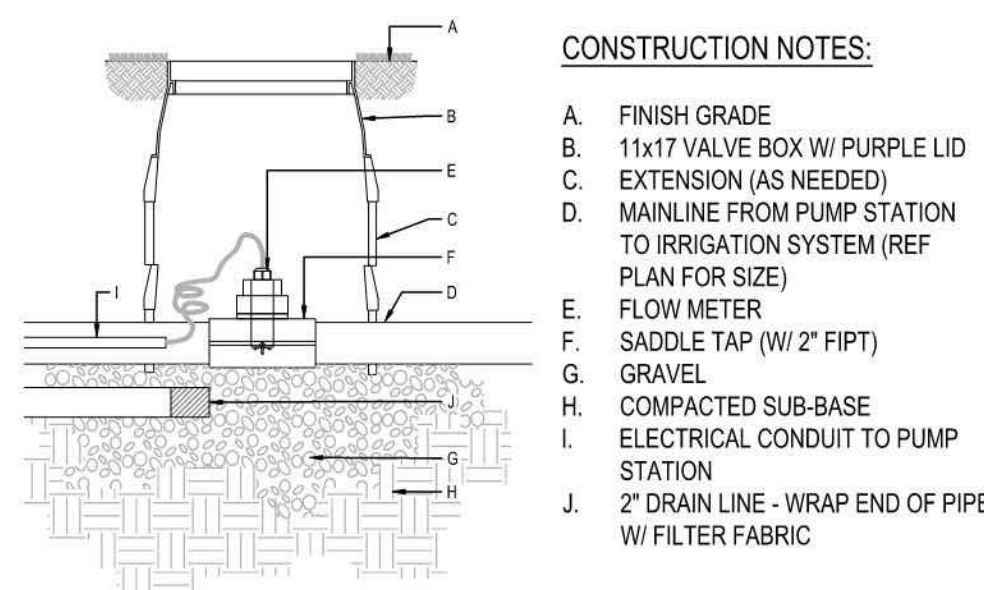
5 WELL PLUMBING DETAIL
SCALE: N.T.S.



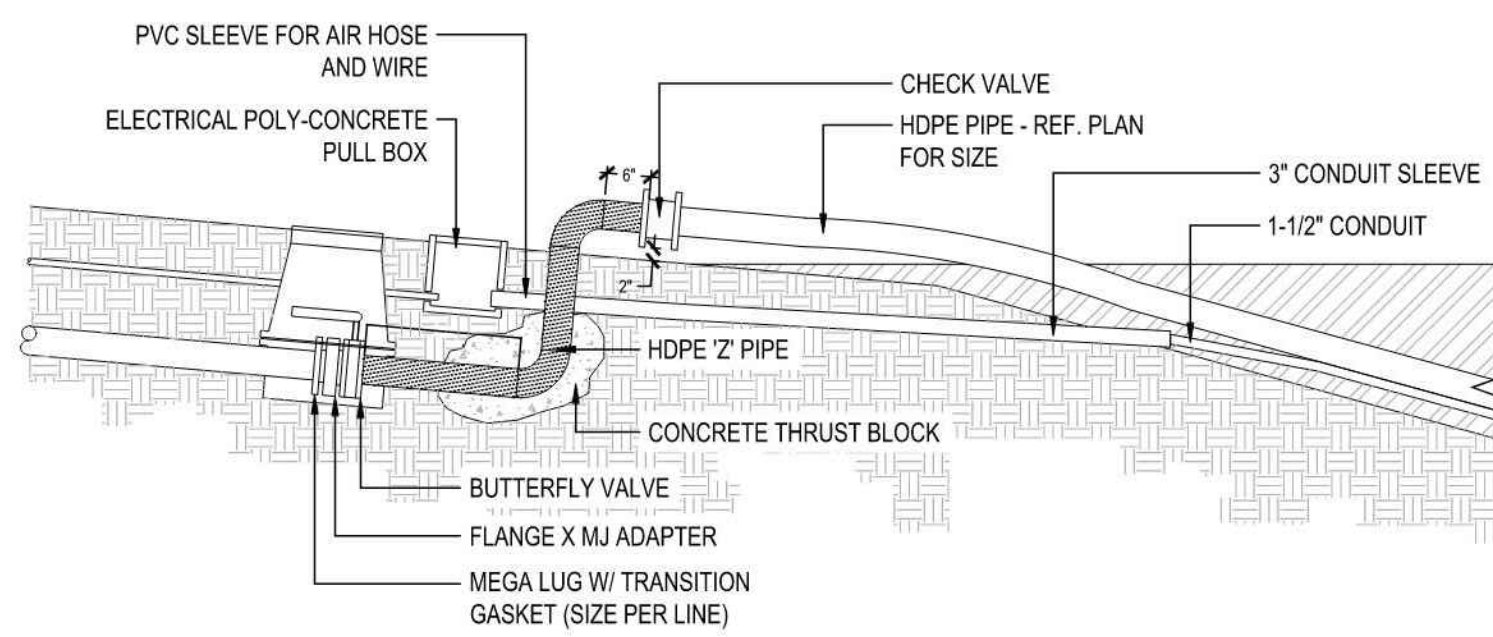
7 POND LEVEL SENSOR(S)
SCALE: N.T.S.



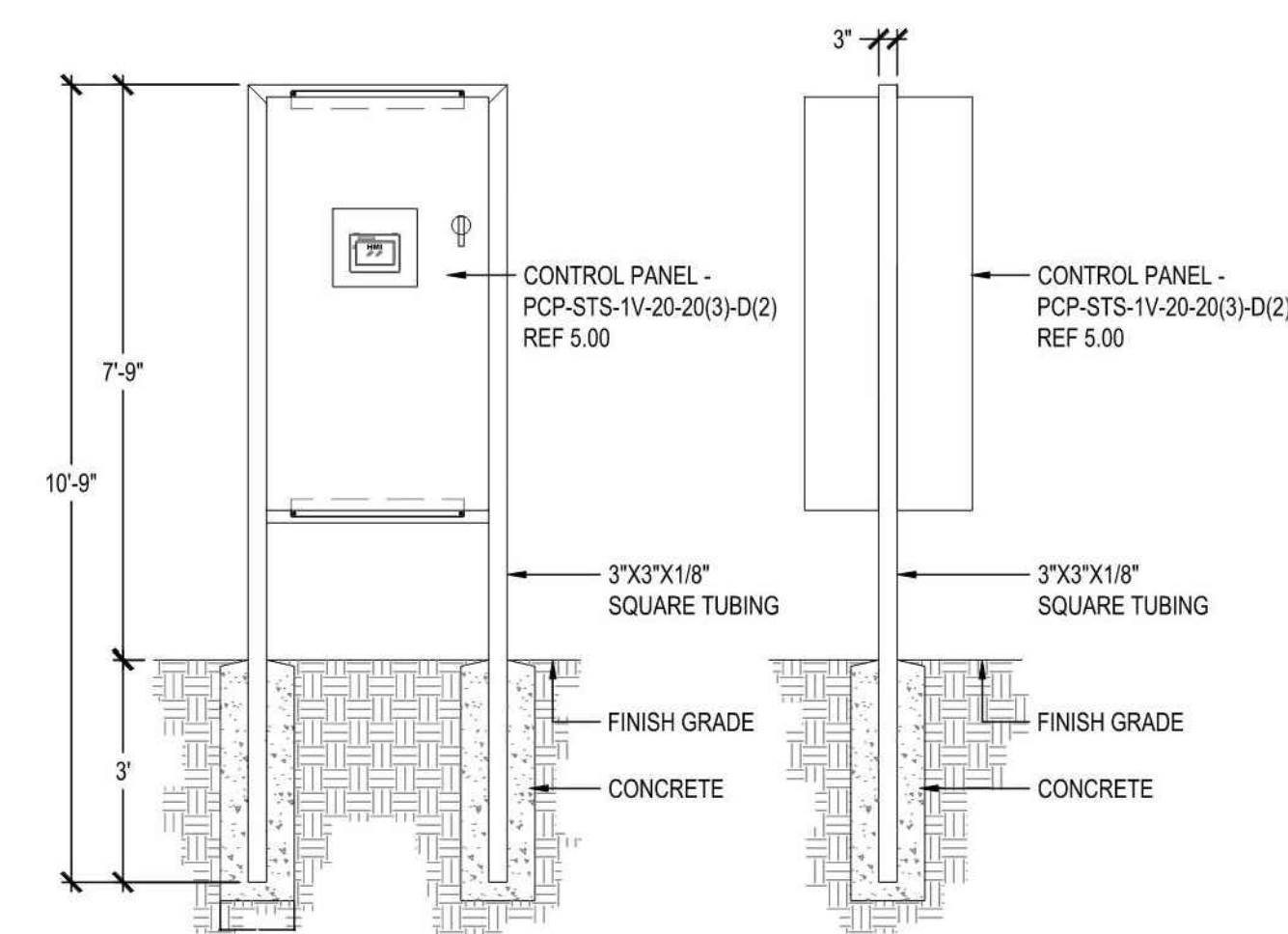
4 FILTER / ENCLOSURE PROFILE VIEW
SCALE: N.T.S. MODEL #: SCF-V250-4-B(1)CD(3)FK



6 FLOW METER DETAIL
SCALE: N.T.S.



1 SHORE LINE CONNECTION / 'Z' PIPE DETAIL
SCALE: N.T.S.

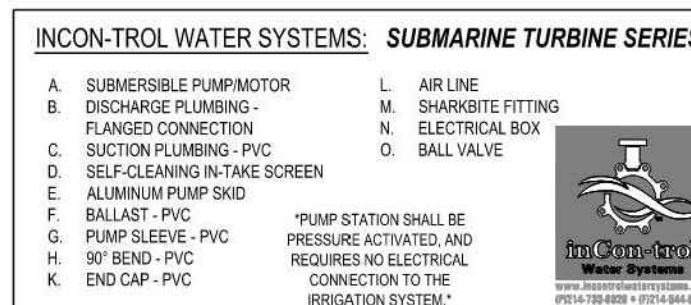


3 ELECTRICAL RACK DETAIL
SCALE: N.T.S. MODEL #: PCP-ST5-3V-20-20(3)-D(2)

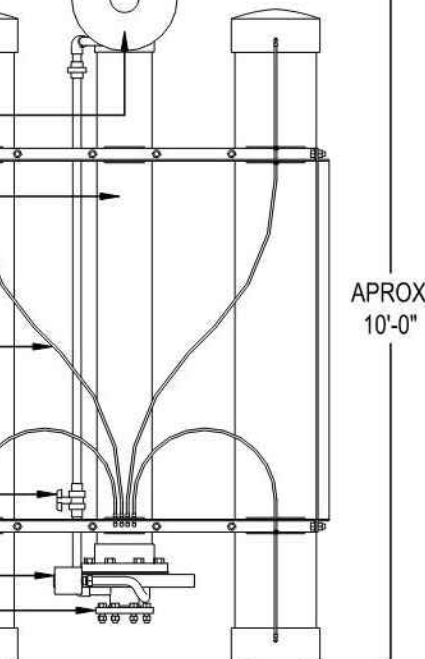
INCON-TROL WATER SYSTEMS, SUBMARINE TURBINE SERIES, IRRIGATION PUMP STATION, 20 HORSEPOWER PUMP PROVIDING 200 GPM AT 70 PSI FOR A TOTAL OUTPUT OF 200 GPM AT 70 PSI TOTAL AT SYSTEM DISCHARGE. PUMP MODEL #: ST5-1V-20-200-70-20(3), 208V, THREE PHASE POWER TO BE PROVIDED BY OWNER TO PUMP CONTROL PANEL. PUMP STATION SHALL BE PRESSURE ACTIVATED, AND REQUIRES NO ELECTRICAL CONNECTION TO THE IRRIGATION SYSTEM. CONTACT INCON-TROL WATER SYSTEMS AT 214.733.8828 (EXT. 1), FOR FURTHER INFORMATION.

(PUMP STATION SHALL INCLUDE 20 HP PUMP/MOTORS, VARIABLE FREQUENCY DRIVES, PLC BASED CONTROLS WITH HMI [TYPE 3R FORCED-AIR VENTILATION ENCLOSURE], FLOW METER, LIGHTNING/SURGE ARRESTOR AND PRESSURE ACTIVATED START.

208 VOLT / 3 PHASE ELECTRICAL SERVICE:
BREAKER SIZE = 225 AMPS (4 WIRE + GROUND)



REQUIRED GPM: 200 REQUIRED PSI: 70



2 IRRIGATION PUMP DETAIL
SCALE: N.T.S. MODEL #: ST5-1V-20-200-70-20(3)



RAYMOND PARK
IRRIGATION PUMP STATION & SELF-CLEANING FILTER

REVISIONS	
NO.	DESCRIPTION

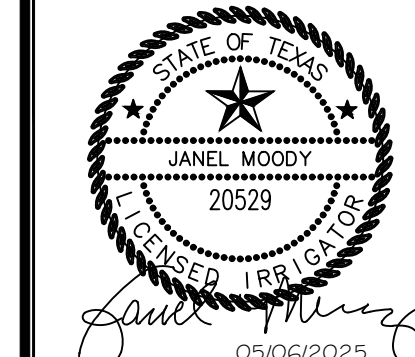
JESSE WELLS
JULY 18, 2025
NOT FOR REGULATORY APPROVAL
PERMITTING OR CONSTRUCTION

TITLE	PROJECT
DATE	DETAILS
SCALE	7/18/2025
SHEET	N.T.S.
ISSUE	WF3.00
	FOR
	SUBMITTAL

IRRIGATION PUMP DETAILS-3

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
(817) 881-1114

RAYMOND COMMUNITY PARK
BLOCK 1, LOT 1
WILLIAM BUTLER SURVEY, ABSTRACT NO. 112
TOWN OF PROSPER, COLLIN COUNTY, TEXAS
TOWN PROJECT #2122-PK



JOB NO.	7691.001
DESIGNED BY:	JMM
DRAWN BY:	JMM
CHECKED BY:	KLS
DATE:	MAY 6, 2025
SHEET:	L5.25

BID PACKAGE #2

CRITICAL ANALYSIS
SUBMERSIBLE PUMP 1 FOR EAST AREA

Generated: 2025-07-16 12:48

P.O.C. NUMBER: 02
Water Source Information:

FLOW AVAILABLE
Point of Connection Size: 4"
Flow Available: 273.46 GPM

PRESSURE AVAILABLE
Static Pressure at POC: 100 PSI
Pressure Available: 100 PSI

DESIGN ANALYSIS
Maximum Station Flow: 134.34 GPM
Flow Available at POC: 273.46 GPM
Residual Flow Available: 139.12 GPM

Critical Station: E-12
Design Pressure: 55 PSI
Friction Loss: 4.42 PSI
Fittings Loss: 0.44 PSI
Elevation Loss: 0 PSI
Loss through Valve: 11.6 PSI
Pressure Req. at Critical Station: 71.5 PSI
Loss for Fittings: 0.53 PSI
Loss for Main Line: 5.33 PSI
Loss for POC to Valve Elevation: 0 PSI
Loss for Backflow: 0 PSI
Loss for Master Valve: 2.5 PSI
Critical Station Pressure at POC: 79.9 PSI
Pressure Available: 100 PSI
Residual Pressure Available: 20.1 PSI

CRITICAL ANALYSIS
SUBMERSIBLE PUMP 2 FOR COMMON AREAS AND FIELDS

Generated: 2025-07-16 12:49

P.O.C. NUMBER: 05
Water Source Information:

FLOW AVAILABLE
Point of Connection Size: 4"
Flow Available: 373.9 GPM

PRESSURE AVAILABLE
Static Pressure at POC: 100 PSI
Pressure Available: 100 PSI

DESIGN ANALYSIS
Maximum Station Flow: 147.78 GPM
Flow Available at POC: 373.9 GPM
Residual Flow Available: 226.12 GPM

Critical Station: F2-5
Design Pressure: 60 PSI
Friction Loss: 2.25 PSI
Fittings Loss: 0.23 PSI
Elevation Loss: 0 PSI
Loss through Valve: 10.8 PSI
Pressure Req. at Critical Station: 73.3 PSI
Loss for Fittings: 0.48 PSI
Loss for Main Line: 4.8 PSI
Loss for POC to Valve Elevation: 0 PSI
Loss for Backflow: 0 PSI
Loss for Master Valve: 6.3 PSI
Critical Station Pressure at POC: 84.9 PSI
Pressure Available: 100 PSI
Residual Pressure Available: 15.1 PSI

WATERING SCHEDULE FOR EAST AREA

NUMBER	MODEL	TYPE	PRECIP	IN./WEEK	MIN./WEEK	GAL./WEEK	GAL./DAY
E-1	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.47 in/h	1.5	190	22,230	22,230
E-2	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.49 in/h	1.5	185	21,645	21,645
E-3	CONTROL VALVE: HUNTER ICV-R	TURF SPRAY	1.24 in/h	1.5	73	8,405	8,405
E-4	CONTROL VALVE: HUNTER ICV-R	TURF SPRAY	0.46 in/h	1.5	115	5,310	5,310
E-5	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.92 in/h	1.5	99	11,583	11,583
E-6	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.44 in/h	1.5	205	23,985	23,985
E-7	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.43 in/h	1.5	209	24,453	24,453
E-8	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.44 in/h	1.5	206	24,102	24,102
E-9	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.42 in/h	1.5	214	25,038	25,038
E-10	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.86 in/h	1.5	105	11,340	11,340
E-11	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.46 in/h	1.5	192	22,449	22,449
E-12	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.95 in/h	1.5	96	12,096	12,096
E-13	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.45 in/h	1.5	202	23,634	23,634
E-14	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.47 in/h	1.5	192	22,464	22,464
E-15	CONTROL VALVE: HUNTER ICV-R	TURF SPRAY	1.29 in/h	1.5	70	9,404	9,404
E-16	CONTROL VALVE: HUNTER ICV-R	TURF SPRAY	1.7 in/h	1.5	54	1,481	1,481
E-17	CONTROL VALVE: HUNTER ICV-R	TURF SPRAY	1.96 in/h	1.5	46	3,569	3,569
E-18	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.45 in/h	1.5	199	21,492	21,492
E-19	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.88 in/h	1.5	102	11,016	11,016
E-20	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.5 in/h	1.5	180	21,060	21,060
E-21	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.5 in/h	1.5	181	21,177	21,177
E-22	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.99 in/h	1.5	92	8,280	8,280
E-23	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.52 in/h	1.5	174	12,528	12,528
TOTALS:					3,386	367,540	367,540

WATERING SCHEDULE FOR COMMON AREAS AND FIELDS

NUMBER	MODEL	TYPE	PRECIP	IN./WEEK	MIN./WEEK	GAL./WEEK	GAL./DAY
1	CONTROL VALVE: HUNTER ICV-R	TURF SPRAY	1.31 in/h	1.5	69	6,955	6,955
2	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.78 in/h	1.5	116	8,770	8,770
3	CONTROL VALVE: HUNTER ICV-R	TURF SPRAY	1.83 in/h	1.5	49	3,374	3,374
4	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	5.1 in/h	1.5	18	1,863	1,863
5	CONTROL VALVE: HUNTER ICV-R	TURF SPRAY	2.66 in/h	1.5	34	891	891
6	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.77 in/h	1.5	118	2,454	2,454
7	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	1.39 in/h	1.5	65	5,451	5,451
8	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	1.28 in/h	1.5	71	7,988	7,988
9	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.89 in/h	1.5	102	10,669	10,669
10	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.83 in/h	1.5	109	11,576	11,576
11	CONTROL VALVE: HUNTER ICV-R	TURF SPRAY	1.52 in/h	1.5	60	6,180	6,180
12	CONTROL VALVE: HUNTER ICV-R	TURF SPRAY	1.97 in/h	1.5	46	6,798	6,798
13	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	1.09 in/h	1.5	83	11,952	11,952
14	CONTROL VALVE: HUNTER ICV-R	BUBBLER	30.64 in/h	1.5	3	250	250
15	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.75 in/h	1.5	120	14,544	14,544
16	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	1.33 in/h	1.5	68	5,202	5,202
17	CONTROL VALVE: HUNTER ICV-R	TURF SPRAY	1.53 in/h	1.5	60	5,074	5,074
18	CONTROL VALVE: HUNTER ICV-R	TURF SPRAY	1.21 in/h	1.5	75	6,877	6,877
19	CONTROL VALVE: HUNTER ICV-R	TURF SPRAY	1.69 in/h	1.5	54	5,598	5,598
20	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	1.03 in/h	1.5	88	6,336	6,336
21	CONTROL VALVE: HUNTER ICV-R	TURF SPRAY	1.49 in/h	1.5	61	4,862	4,862
22	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	1.04 in/h	1.5	87	7,047	7,047
23	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.92 in/h	1.5	94	7,614	7,614
24	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.92 in/h	1.5	98	4,410	4,410
25	CONTROL VALVE: HUNTER ICV-R	TURF SPRAY	1.6 in/h	1.5	57	2,100	2,100
26	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	1.25 in/h	1.5	72	9,396	9,396
27	CONTROL VALVE: HUNTER ICV-R	TURF SPRAY	1.48 in/h	1.5	61	4,306	4,306
28	CONTROL VALVE: HUNTER ICV-R	TURF SPRAY	1.69 in/h	1.5	54	1,878	1,878
29	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	1.25 in/h	1.5	72	5,508	5,508
30	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.93 in/h	1.5	97	12,222	12,222
31	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.93 in/h	1.5	97	8,730	8,730
32	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.48 in/h	1.5	190	25,450	25,450
F1-1	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	1.58 in/h	1.5	57	4,611	4,611
F1-2	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.89 in/h	1.5	102	7,313	7,313
F1-3	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.8 in/h	1.5	113	8,102	8,102
F1-4	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.8 in/h	1.5	113	7,322	7,322
F1-5	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	3.25 in/h	1.5	28	3,346	3,346
F1-6	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	2.26 in/h	1.5	40	4,560	4,560
F1-7	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.65 in/h	1.5	138	13,193	13,193
F1-8	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.85 in/h	1.5	106	12,667	12,667
F1-9	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	1.54 in/h	1.5	59	6,183	6,183
F2-1	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	1.51 in/h	1.5	60	6,288	6,288
F2-2	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	1.02 in/h	1.5	89	8,508	8,508
F2-3	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.7 in/h	1.5	129	9,249	9,249
F2-4	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	2.64 in/h	1.5	35	3,976	3,976
F2-5	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	2.92 in/h	1.5	31	3,705	3,705
F2-6	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.72 in/h	1.5	125	8,100	8,100
F2-7	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.66 in/h	1.5	138	13,193	13,193
F2-8	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.73 in/h	1.5	123	11,759	11,759
F2-9	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	1.51 in/h	1.5	61	4,935	4,935
F2-10	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.67 in/h	1.5	136	5,603	5,603
F3-1	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	1.64 in/h	1.5	55	4,450	4,450
F3-2	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.79 in/h	1.5	115	10,994	10,994
F3-3	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.66 in/h	1.5	136	9,751	9,751
F3-4	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	3.89 in/h	1.5	24	2,736	2,736
F3-5	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.6 in/h	1.5	131	9,904	9,904
F3-6	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	2.67 in/h	1.5	34	4,063	4,063
F3-7	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.68 in/h	1.5	132	12,619	12,619
F3-8	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.79 in/h	1.5	115	10,994	10,994
F3-9	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	1.54 in/h	1.5	59	6,183	6,183
F4-1	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	1.58 in/h	1.5	57	4,611	4,611
F4-2	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.82 in/h	1.5	110	10,516	10,516
F4-3	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.7 in/h	1.5	129	12,332	12,332
F4-4	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	2.45 in/h	1.5	37	4,218	4,218
F4-5	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	3.11 in/h	1.5	29	3,466	3,466
F4-6	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.73 in/h	1.5	124	8,035	8,035
F4-7	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.83 in/h	1.5	109	7,815	7,815
F4-8	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.95 in/h	1.5	95	9,082	9,082
F4-9	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	1.62 in/h	1.5	56	5,669	5,669
F4-10	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.5 in/h	1.5	181	8,109	8,109
TOTALS:					5,859	510,885	510,885

CRITICAL ANALYSIS
SUBMERSIBLE PUMP 3 FOR WEST AREA

Generated: 2025-07-16 12:50

P.O.C. NUMBER: 06
Water Source Information:

FLOW AVAILABLE
Point of Connection Size: 4"
Flow Available: 273.46 GPM

PRESSURE AVAILABLE
Static Pressure at POC: 100 PSI
Pressure Available: 100 PSI

DESIGN ANALYSIS
Maximum Station Flow: 130.5 GPM
Flow Available at POC: 273.46 GPM
Residual Flow Available: 142.96 GPM

Critical Station: W-10
Design Pressure: 55 PSI
Friction Loss: 4.42 PSI
Fittings Loss: 0.44 PSI
Elevation Loss: 0 PSI
Loss through Valve: 12.2 PSI
Pressure Req. at Critical Station: 72.0 PSI
Loss for Fittings: 0.81 PSI
Loss for Main Line: 8.09 PSI
Loss for POC to Valve Elevation: 0 PSI
Loss for Backflow: 0 PSI
Loss for Master Valve: 2.5 PSI
Critical Station Pressure at POC: 83.4 PSI
Pressure Available: 100 PSI
Residual Pressure Available: 16.6 PSI

WATERING SCHEDULE FOR WEST AREA

NUMBER	MODEL	TYPE	PRECIP	IN./WEEK	MIN./WEEK	GAL./WEEK	GAL./DAY
W-1	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.51 in/h	1.5	176	9,504	9,504
W-2	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.42 in/h	1.5	215	17,415	17,415
W-3	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.87 in/h	1.5	104	9,360	9,360
W-4	CONTROL VALVE: HUNTER ICV-R	TURF SPRAY	1.7 in/h	1.5	53	3,769	3,769
W-5	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.46 in/h	1.5	197	23,049	23,049
W-6	CONTROL VALVE: HUNTER ICV-R	TURF SPRAY	1.86 in/h	1.5	49	4,626	4,626
W-7	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.43 in/h	1.5	210	24,570	24,570
W-8	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.43 in/h	1.5	209	24,453	24,453
W-9	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.46 in/h	1.5	195	22,815	22,815
W-10	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	1.23 in/h	1.5	73	9,527	9,527
W-11	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.43 in/h	1.5	208	24,336	24,336
W-12	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.43 in/h	1.5	210	24,570	24,570
W-13	CONTROL VALVE: HUNTER ICV-R	TURF SPRAY	1.56 in/h	1.5	58	7,005	7,005
W-14	CONTROL VALVE: HUNTER ICV-R	BUBBLER	30.64 in/h	1.5	3	107	107
W-15	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.41 in/h	1.5	220	26,740	26,740
W-16	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.99 in/h	1.5	91	10,647	10,647
W-17	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.43 in/h	1.5	211	18,990	18,990
W-18	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.42 in/h	1.5	213	24,921	24,921
W-19	CONTROL VALVE: HUNTER ICV-R	TURF ROTOR	0.43 in/h	1.5	210	24,570	24,570
TOTALS:					2,905	309,973	309,973

VALVE SCHEDULE

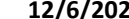
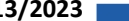
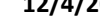
NUMBER	MODEL	SIZE	TYPE	GPM	WIRE	PSI	PSI @ POC	PRECIP
1	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF SPRAY	100.8		43.9		1.31 in/h
2	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	75.6		63.9		0.78 in/h
3	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF SPRAY	68.86		37.3		1.85 in/h
4	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	103.5		66.7		5.1 in/h
5	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF SPRAY	26.21		54.1		2.66 in/h
6	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	20.8		59.6		0.77 in/h
7	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF SPRAY	83.86		46.6		1.39 in/h
8	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	112.5		63.8		1.28 in/h
9	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.6		67.7		0.89 in/h
10	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.7		70.7		0.83 in/h
11	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	103.0		63.0		1.01 in/h
12	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF SPRAY	147.8		56.0		1.97 in/h
13	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	144		73.2		1.09 in/h
14	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF SPRAY	103.5		25.25		70.3 in/h
15	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	121.2		70.7		0.75 in/h
16	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	76.5		74.1		1.09 in/h
17	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF SPRAY	94.57		49.6		1.23 in/h
18	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF SPRAY	71.69		63.0		1.33 in/h
19	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF SPRAY	103.67		41.5		1.69 in/h
20	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	72		61.7		1.03 in/h
21	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	72		61.7		1.03 in/h
22	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	81		65.3		1.04 in/h
23	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	81		65.3		0.96 in/h
24	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	81		65.3		0.96 in/h
25	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF SPRAY	36.5		37.1		1.6 in/h
26	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	130.5		75.0		1.25 in/h
27	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF SPRAY	80.59		37.3		1.03 in/h
28	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF SPRAY	34.78		61.2		1.29 in/h
29	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	74.5		61.2		1.65 in/h
30	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	76.6		70.3		1.03 in/h
31	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	90		64.6		0.93 in/h
32	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	135		70.0		0.48 in/h
33	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	117		69.4		0.47 in/h
34	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	117		69.4		0.47 in/h
35	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF SPRAY	115.14		43.5		1.24 in/h
36	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF SPRAY	47.91		66.2		0.78 in/h
37	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	117		69.4		0.47 in/h
38	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	117		70.3		0.44 in/h
39	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	117		69.6		0.43 in/h
40	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	117		69.6		0.43 in/h
41	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	117		69.6		0.43 in/h
42	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	117		69.6		0.43 in/h
43	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	126		71.5		0.86 in/h
44	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	117		68.2		0.45 in/h
45	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	117		69.4		0.47 in/h
46	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF SPRAY	144.34		43.5		1.24 in/h
47	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF SPRAY	27.48		45.2		1.7 in/h
48	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF SPRAY	77.53		45.2		1.96 in/h
49	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	108		66.7		0.88 in/h
50	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	108		67.1		0.88 in/h
51	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	117		69.1		0.5 in/h
52	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	117		69.1		0.5 in/h
53	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	90		64.2		0.99 in/h
54	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	72		61.5		0.52 in/h
55	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	72		61.5		0.52 in/h
56	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	71.7		65.1		0.89 in/h
57	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	71.7		65.1		0.89 in/h
58	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	71.7		65.3		0.81 in/h
59	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	64.8		64.7		0.8 in/h
60	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	64.8		64.7		0.8 in/h
61	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	99.5		73.3		2.26 in/h
62	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	114		72.6		2.26 in/h
63	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	95.6		68.7		0.65 in/h
64	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	95.6		68.7		0.65 in/h
65	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.54 in/h
66	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
67	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
68	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
69	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
70	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
71	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
72	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
73	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
74	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
75	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
76	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
77	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
78	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
79	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
80	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
81	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
82	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
83	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
84	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
85	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
86	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
87	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
88	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
89	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
90	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
91	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
92	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
93	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
94	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
95	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
96	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
97	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
98	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
99	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
100	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
101	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
102	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
103	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
104	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
105	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
106	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
107	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
108	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
109	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
110	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
111	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
112	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
113	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
114	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
115	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
116	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
117	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
118	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
119	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
120	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
121	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
122	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
123	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
124	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
125	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
126	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
127	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
128	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
129	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
130	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
131	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
132	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
133	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
134	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
135	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
136	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
137	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
138	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
139	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
140	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
141	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
142	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
143	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
144	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
145	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
146	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
147	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
148	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		1.51 in/h
149	CONTROL VALVE: HUNTER ICV-R	1-1/2"	TURF ROTOR	104.8		70.0		

Master Project
Schedule for CO #04

Town of Prosper - Raymond Community Park - Master Project Schedule - GMP #s 1 and 2

Updated on 09 MAR 2024

Printed on Wed 8/27/25

ID	Schedule for CO #04	Biz Days	Start	Finish	Half 2, 2023										Half 1, 2024					Half 2, 2024					Half 1, 2025				
					A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J		
1	GMP Package #1	48 days	Wed 10/11/23	Tue 12/19/23	10/11/2023  GMP Package #1																								
2	95% CD's Town Comments Received	0 days	Wed 10/11/23	Wed 10/11/23	10/11/2023  95% CD's Town Comments Received																								
3	GMP 1 100% CD's Released	4 days	Wed 10/11/23	Mon 10/16/23	10/11/2023  GMP 1 100% CD's Released																								
4	GMP 1 100% CD's Amendment 1 Released	4 days	Tue 10/17/23	Fri 10/20/23	10/17/2023  GMP 1 100% CD's Amendment 1 Released																								
5	GMP 1 Sub Questions Due to DCI	7 days	Mon 10/23/23	Tue 10/31/23	10/23/2023  GMP 1 Sub Questions Due to DCI																								
6	GMP 1 Addendum #3 Released	2 days	Wed 11/1/23	Thu 11/2/23	11/1/2023  GMP 1 Addendum #3 Released																								
7	GMP 1 Sub Prepare Bids	23 days	Tue 10/17/23	Thu 11/16/23	10/17/2023  GMP 1 Sub Prepare Bids																								
8	GMP 1 Bid Opening at Town Hall	0 days	Thu 11/16/23	Thu 11/16/23	11/16/2023  GMP 1 Bid Opening at Town Hall																								
9	GMP 1 Prep by DCI & Review by PPV	3 days	Fri 11/17/23	Tue 11/21/23	11/17/2023  GMP 1 Prep by DCI & Review by PPV																								
10	GMP 1 Final to PARD Team	0 days	Mon 11/27/23	Mon 11/27/23	11/27/2023  GMP 1 Final to PARD Team																								
11	GMP 1 Review Mtg w/PARD & DWY Team	0 days	Tue 11/28/23	Tue 11/28/23	11/28/2023  GMP 1 Review Mtg w/PARD & DWY Team																								
12	GMP 1 Final Reviewed w/CMO (by RB)	0 days	Wed 11/29/23	Wed 11/29/23	11/29/2023  GMP 1 Final Reviewed w/CMO (by RB)																								
13	GMP 1 Final OK'd by CMO Team	0 days	Thu 11/30/23	Thu 11/30/23	11/30/2023  GMP 1 Final OK'd by CMO Team																								
14	Town Council Packets Close (GMP 1 Done)	0 days	Mon 12/4/23	Mon 12/4/23	12/4/2023  Town Council Packets Close (GMP 1 Done)																								
15	Town Council Mtg - GMP 1 Considered	0 days	Tue 12/12/23	Tue 12/12/23	12/12/2023  Town Council Mtg - GMP 1 Considered																								
16	Signed O-C Agreement to DCI	1 day	Wed 12/13/23	Wed 12/13/23	12/13/2023  Signed O-C Agreement to DCI																								
17	Draft NTP from CS to ToP	1 day	Thu 12/14/23	Thu 12/14/23	12/14/2023  Draft NTP from CS to ToP																								
18	(AL) to Provide Value Options List Via Email to Team by EOD	1 day	Thu 12/14/23	Thu 12/14/23	12/14/2023  (AL) to Provide Value Options List Via Email to Team by EOD																								
19	Notice to Proceed for Construction GMP #1	0 days	Tue 12/19/23	Tue 12/19/23	12/19/2023  Notice to Proceed for Construction GMP #1																								
20	GMP Package #2	147 days	Tue 10/31/23	Tue 5/28/24	10/31/2023  GMP Package #2																								
21	Prepare 95% CDs for Town Engineer's Review	24 days	Tue 10/31/23	Tue 12/5/23	10/31/2023  Prepare 95% CDs for Town Engineer's Review																								
22	Town Engineer's Review & Comments Out	30 days	Wed 12/6/23	Wed 1/17/24	12/6/2023  Town Engineer's Review & Comments Out																								
23	Confirm Paving & Fire Lane Direction	5 days	Thu 1/18/24	Wed 1/24/24	1/18/2024  Confirm Paving & Fire Lane Direction																								
24	Update 99% CDs from Town Engineer's Final Review	16 days	Thu 1/25/24	Thu 2/15/24	1/25/2024  Update 99% CDs from Town Engineer's Final Review																								
25	Town Engineer's Review & Final Comments Out	11 days	Fri 2/16/24	Fri 3/1/24	2/16/2024  Town Engineer's Review & Final Comments Out																								
26	GMP 2 100% CDs Released by DWY to Team	0 days	Fri 3/8/24	Fri 3/8/24	3/8/2024  GMP 2 100% CDs Released by DWY to Team																								
27	GMP 2 100% CD's Released To Subs	0 days	Tue 3/12/24	Tue 3/12/24	3/12/2024  GMP 2 100% CD's Released To Subs																								
28	GMP 2 Subs Prepare Bids	22 days	Tue 3/12/24	Wed 4/10/24	3/12/2024  GMP 2 Subs Prepare Bids																								
29	DCI's Comments & Estimate on GMP 2 99% CDs	8 days	Fri 2/16/24	Tue 2/27/24	2/16/2024  DCI's Comments & Estimate on GMP 2 99% CDs																								
30	GMP 2 Prep by DCI	1 day	Thu 4/11/24	Thu 4/11/24	4/11/2024  GMP 2 Prep by DCI																								
31	GMP 2 Review by PPV	1 day	Fri 4/12/24	Fri 4/12/24	4/12/2024  GMP 2 Review by PPV																								
32	GMP 2 Final to PARD Team	4 days	Wed 4/17/24	Mon 4/22/24	4/17/2024  GMP 2 Final to PARD Team																								
33	GMP 2 Final Review PARD Team	0 days	Mon 4/22/24	Mon 4/22/24	4/22/2024  GMP 2 Final Review PARD Team																								
34	GMP 2 Final Reviewed w/CMO (by RB)	2 days	Tue 4/23/24	Wed 4/24/24	4/23/2024  GMP 2 Final Reviewed w/CMO (by RB)																								
35	GMP 2 Final OK'd by CMO Team	1 day	Thu 4/25/24	Thu 4/25/24	4/25/2024  GMP 2 Final OK'd by CMO Team																								
36	Town Council Packets Close (GMP 2 Done)	7 days	Fri 4/26/24	Mon 5/6/24	4/26/2024  Town Council Packets Close (GMP 2 Done)																								
37	Owner Directed Move of City Council Consideration	10 days	Tue 5/14/24	Tue 5/28/24	5/14/2024  Owner Directed Move of City Council Consideration																								
38	Town Council Mtg - GMP Considered	0 days	Tue 5/28/24	Tue 5/28/24	5/28/2024  Town Council Mtg - GMP Considered																								
39	Plat Review and Filing	44 days	Mon 11/13/23	Tue 1/16/24	11/13/2023  Plat Review and Filing																								
40	Submit Preliminary Plat to Town	0 days	Mon 11/13/23	Mon 11/13/23	11/13/2023  Submit Preliminary Plat to Town																								
41	Comments from Town on the Prelim Plat	11 days	Mon 11/13/23	Wed 11/29/23	11/13/2023  Comments from Town on the Prelim Plat																								
42	Final Plat Submitted to Town	2 days	Thu 11/30/23	Fri 12/1/23	11/30/2023  Final Plat Submitted to Town																								
43	Final Plat Submitted to P&Z	1 day	Mon 12/4/23	Mon 12/4/23	12/4/2023  Final Plat Submitted to P&Z																								
44	P&Z Mtg - Consider Final Plat	30 days	Tue 12/5/23	Tue 1/16/24	12/5/2023  P&Z Mtg - Consider Final Plat																								
45	Construction	517 days?	Tue 12/19/23	Tue 12/30/24	12/19/2023 																								
46	GMP # 1 Activities	228 days	Tue 12/19/23	Wed 11/6/24	12/19/2023  GMP # 1 Activities																								

Master Project Schedule for CO #04 (continued)

(continued)					Finish		Half 2, 2023					Half 1, 2024					Half 2, 2024					Half 1, 2025						
					A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	
47	Notice to Proceed w/GMP 1 - 19 DEC 2024	0 days	Tue 12/19/23	Tue 12/19/23	12/19/2023					Notice to Proceed w/GMP 1 - 19 DEC 2024																		
48	Erosion Control	180 days	Tue 12/19/23	Thu 8/29/24	12/19/2023					Erosion Control																		
49	Tree protection/ Temporary fence	180 days	Tue 12/19/23	Thu 8/29/24	12/19/2023					Tree protection/ Temporary fence																		
50	Demo / Earthwork	127 days	Tue 12/19/23	Fri 6/14/24	12/19/2023					Demo / Earthwork																		
51	Storm Sewer Submittals from Sub	10 days	Fri 4/12/24	Thu 4/25/24	4/12/2024					Storm Sewer Submittals from Sub																		
52	Storm Submittal Review	10 days	Fri 4/26/24	Thu 5/9/24	4/26/2024					Storm Submittal Review																		
53	Storm Material Lead Time	20 days	Fri 5/10/24	Fri 6/7/24	5/10/2024					Storm Material Lead Time																		
54	Utilities - Storm Sewer	43 days	Mon 6/10/24	Thu 8/8/24	6/10/2024					Utilities - Storm Sewer																		
55	Paving and Firelane with Lime	65 days	Tue 7/9/24	Tue 10/8/24	7/9/2024					Paving and Firelane with Lime																		
56	Electrical	125 days	Fri 3/1/24	Mon 8/26/24	3/1/2024					Electrical																		
57	Irrigation Sleeving	20 days	Fri 3/1/24	Thu 3/28/24	3/1/2024					Irrigation Sleeving																		
58	GMP # 1 Substantial Completion - 09 SEPT 2024	5 days	Wed 10/9/24	Tue 10/15/24	10/9/2024					GMP # 1 Substantial Completion - 09 SEPT 2024																		
59	GMP # 1 Punchlist Completion	15 days	Wed 10/16/24	Tue 11/5/24	10/16/2024					GMP # 1 Punchlist Completion																		
60	GMP # 1 Final Completion/Town Acceptance 01 OCT 2024	1 day	Wed 11/6/24	Wed 11/6/24	11/6/2024					GMP # 1 Final Completion/Town Acceptance 01 OCT 2024																		
61	GMP # 2 Activities	403 days?	Tue 5/28/24	Tue 12/30/25	5/28/2024																							
62	Council Approval Delay	0 days	Tue 5/28/24	Tue 5/28/24	5/28/2024					Council Approval Delay																		
63	Erosion Control	200 days	Thu 10/17/24	Thu 7/31/25	10/17/2024					Erosion Control																		
64	Tree Protection/ Temporary Fence	115 days	Thu 10/17/24	Tue 4/1/25	10/17/2024					Tree Protection/ Temporary Fence																		
65	GMP #2 Construction Work	360 days	Wed 5/29/24	Mon 10/27/25	5/29/2024					GMP #2 Construction Work																		
66	Electrical (Long Lead Items from GMP # 01)	115 days	Thu 10/17/24	Tue 4/1/25	10/17/2024					Electrical (Long Lead Items from GMP # 01)																		
67	Site Concrete	281 days	Thu 6/27/24	Tue 8/5/25	6/27/2024					Site Concrete																		
68	Limestone Block walls	80 days?	Thu 3/27/25	Fri 7/18/25	3/27/2025					Limestone Block walls																		
69	Pickleball Courts	120 days?	Fri 5/16/25	Tue 11/4/25	5/16/2025					Pickleball Courts																		
70	Moisture Conditioning @ Pickleball	56 days?	Thu 2/27/25	Thu 5/15/25	2/27/2025					Moisture Conditioning @ Pickleball																		
71	Fabric Shade Structure Foundations	37 days?	Thu 3/20/25	Fri 5/9/25	3/20/2025					Fabric Shade Structure Foundations																		
72	Fence Posts	27 days?	Thu 2/27/25	Fri 4/4/25	2/27/2025					Fence Posts																		
73	Fence	30 days	Mon 4/7/25	Fri 5/16/25	4/7/2025					Fence																		
74	Backstop Nets Posts	12 days?	Thu 3/13/25	Fri 3/28/25	3/13/2025					Backstop Nets Posts																		
75	Backstop Nets	20 days	Mon 3/31/25	Fri 4/25/25	3/31/2025					Backstop Nets																		
76	Bleacher Shade Structures	100 days?	Fri 3/14/25	Mon 8/4/25	3/14/2025					Bleacher Shade Structures																		
77	Dugout Metal Roofs	40 days?	Thu 4/24/25	Thu 6/19/25	4/24/2025					Dugout Metal Roofs																		
78	Entry Gateways	20 days?	Thu 5/22/25	Thu 6/19/25	5/22/2025					Entry Gateways																		
79	Coit Road Monument Signs	20 days?	Thu 5/29/25	Wed 6/25/25	5/29/2025					Coit Road Monument Signs																		
80	Restroom Concession Building	190 days	Tue 11/19/24	Tue 8/19/25	11/19/2024					Restroom Concession Building																		
81	Aluminum Bleacher Seating	20 days	Fri 7/18/25	Thu 8/14/25	7/18/2025					Aluminum Bleacher Seating																		
82	Parking Lot Striping	10 days?	Thu 8/14/25	Wed 8/27/25	8/14/2025					Parking Lot Striping																		
83	Tennis Courts add	180 days	Mon 2/24/25	Wed 11/5/25	2/24/2025					Tennis Courts add																		
84	Tennis courts Moisture conditioning	56 days	Thu 2/27/25	Thu 5/15/25	2/27/2025					Tennis courts Moisture conditioning																		
85	Tennis courts	119 days	Fri 5/16/25	Mon 11/3/25	5/16/2025					Tennis courts																		
86	Trail Expansion	241 days	Thu 11/14/24	Mon 10/27/25	11/14/2024					Trail Expansion																		
87	Notice to Proceed	1 day	Tue 12/17/24	Tue 12/17/24	12/17/2024					Notice to Proceed																		
88	Design Stage	56 days	Thu 11/14/24	Wed 2/5/25	11/14/2024					Design Stage																		
89	Trail Construction	30 days	Thu 7/17/25	Wed 8/27/25	7/17/2025					Trail Construction																		
90	Low water crossings	30 days	Thu 7/17/25	Wed 8/27/25	7/17/2025					Low water crossings																		
91	Order Bridge	148 days	Fri 1/31/25	Thu 8/28/25	1/31/2025					Order Bridge																		
92	Install Piers	30 days	Mon 4/7/25	Fri 5/16/25	4/7/2025					Install Piers																		

Master Project Schedule for CO #04
(continued)

n of Prosper - Raymond Community Park - Master Project Schedule - GMP #s 1 and 2

Updated on 09 MAR 2024
Printed on Wed 8/27/25

ID	(continued)			Finish			Half 2, 2023							Half 1, 2024							Half 2, 2024							Half 1, 2025						
					A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J						
93		Install Abuttments	30 days	Thu 5/29/25	Thu 7/10/25																													
94		Install Bridge	1 day	Fri 8/29/25	Fri 8/29/25																													
95		Substantial Completion	1 day	Tue 9/2/25	Tue 9/2/25																													
96		Punchlist	15 days	Wed 9/3/25	Tue 9/23/25																													
97		Walkthrough	1 day	Wed 9/24/25	Wed 9/24/25																													
98		Multipurpose Irrigation/Purple pipe	137 days	Sun 12/15/24	Fri 6/27/25														12/15/2024															
99		Notice to proceed	1 day	Sun 12/15/24	Sun 12/15/24																													
100		Multipurpose Irrigation	30 days	Thu 2/6/25	Wed 3/19/25															2/6/2025														
101		RPZ Lead times	30 days	Thu 3/20/25	Wed 4/30/25																													
102		RPZ	5 days	Thu 5/1/25	Wed 5/7/25																													
103		ARAD 4" Lead time	120 days	Mon 12/16/24	Wed 6/4/25															12/16/2024														
104		Other ARAD's Lead times	0 days	Sun 12/15/24	Sun 12/15/24															12/15/2024														
105		Substantial Completion	1 day	Thu 6/5/25	Thu 6/5/25																													
106		Punchlist	15 days	Fri 6/6/25	Thu 6/26/25																													
107		Walkthrough	1 day	Fri 6/27/25	Fri 6/27/25																													
108		Multipurpose lighting added 7/10/25	65 days?	Wed 7/23/25	Wed 10/22/25																													
109		Underground	14 days?	Wed 8/6/25	Mon 8/25/25																													
110		Pole bases	14 days?	Tue 8/26/25	Mon 9/15/25																													
111		Pole setting (12 week lead time)	1 day?	Tue 10/21/25	Tue 10/21/25																													
112		Irrigation Changes 7/10/25	58 days?	Tue 8/5/25	Fri 10/24/25																													
113		New meters (10 week lead time)	50 days?	Tue 8/5/25	Tue 10/14/25																													
114		New RPZ's and irrigation changes (8 week lead time)	45 days?	Tue 8/5/25	Tue 10/7/25																													
115		Dumpster Enclosure	40 days?	Thu 3/6/25	Wed 4/30/25																													
116		Ballfield Clay and Conditioner	40 days?	Thu 11/7/24	Tue 1/7/25															11/7/2024														
117		Irrigation System with Town Water	160 days	Thu 10/24/24	Wed 6/11/25															10/24/2024														
118		Landscape	80 days	Mon 6/2/25	Tue 9/23/25																													
119		Fine Grade	180 days?	Mon 1/27/25	Wed 10/8/25																													
120		Irrigation main lines ready for well system	14 days?	Wed 10/22/25	Mon 11/10/25																													
121		Turf Establishment edited 8/27/2025 (Change order #	30 days?	Wed 10/22/25	Thu 12/4/25																													
122		All Sod no hydromulch	30 days?	Wed 10/22/25	Thu 12/4/25																													
123		Playground	45 days?	Fri 5/2/25	Mon 7/7/25																													
124		CXT Building at Playground	60 days?	Thu 10/17/24	Tue 1/14/25															10/17/2024														
125		Handrails/Guardrails	80 days?	Thu 4/24/25	Fri 8/15/25																													
126		Site Amenities	56 days	Thu 8/7/25	Fri 10/24/25																													
127		Site Masonry	46 days?	Mon 3/31/25	Tue 6/3/25																													
128		Construction Layout	358 days?	Thu 5/30/24	Fri 10/24/25																													
129		ASI 15 Irrigation changes	13 days	Tue 5/13/25	Fri 5/30/25																													
130		ASI 17 Irrigation changes	8 days	Mon 6/2/25	Wed 6/11/25																													
131		Pedestrian Poles Bid alt gmp 1 alt 2.0	13 days	Thu 6/12/25	Mon 6/30/25																													
132		Monument Sign bid alt gmp 2 alt 2.10	5 days	Tue 7/1/25	Tue 7/8/25																													
133		Rain Delay	58 days	Wed 5/28/25	Mon 8/18/25																													
134		Owner's Weather Float	32 days?	Tue 8/19/25	Thu 10/2/25																													
135		GMP # 2 Substantial Completion	1 day	Fri 12/5/25	Fri 12/5/25																													
136		GMP # 2 Punchlist Completion	15 days	Mon 12/8/25	Mon 12/29/25																													
137		GMP # 2 Final Completion/Town Acceptance	1 day	Tue 12/30/25	Tue 12/30/25																													

DCI's New Substantial Completion Date is 05 DEC 2025 if Change Order # 4 is Approved