

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: September 24, 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 |

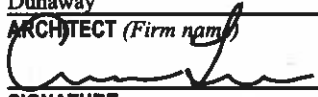
The Contract Time will be increased by thirty (30) days.

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

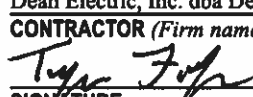
ARCHITECT (Firm name)


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 + Irgtn 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 <i>inside the GMP</i> | 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 <i>inside the GMP</i> | 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, sans-serif font below it. The text is set against a circular background that resembles a globe or a stylized 'D' with a grid pattern.

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

| DATE | DESCRIPTION | SUBCONTRACTOR | AMOUNT |
|-----------|---|-------------------|---------------|
| 9/11/2025 | Credit for hydromulch (7S3,3S9 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.

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.

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

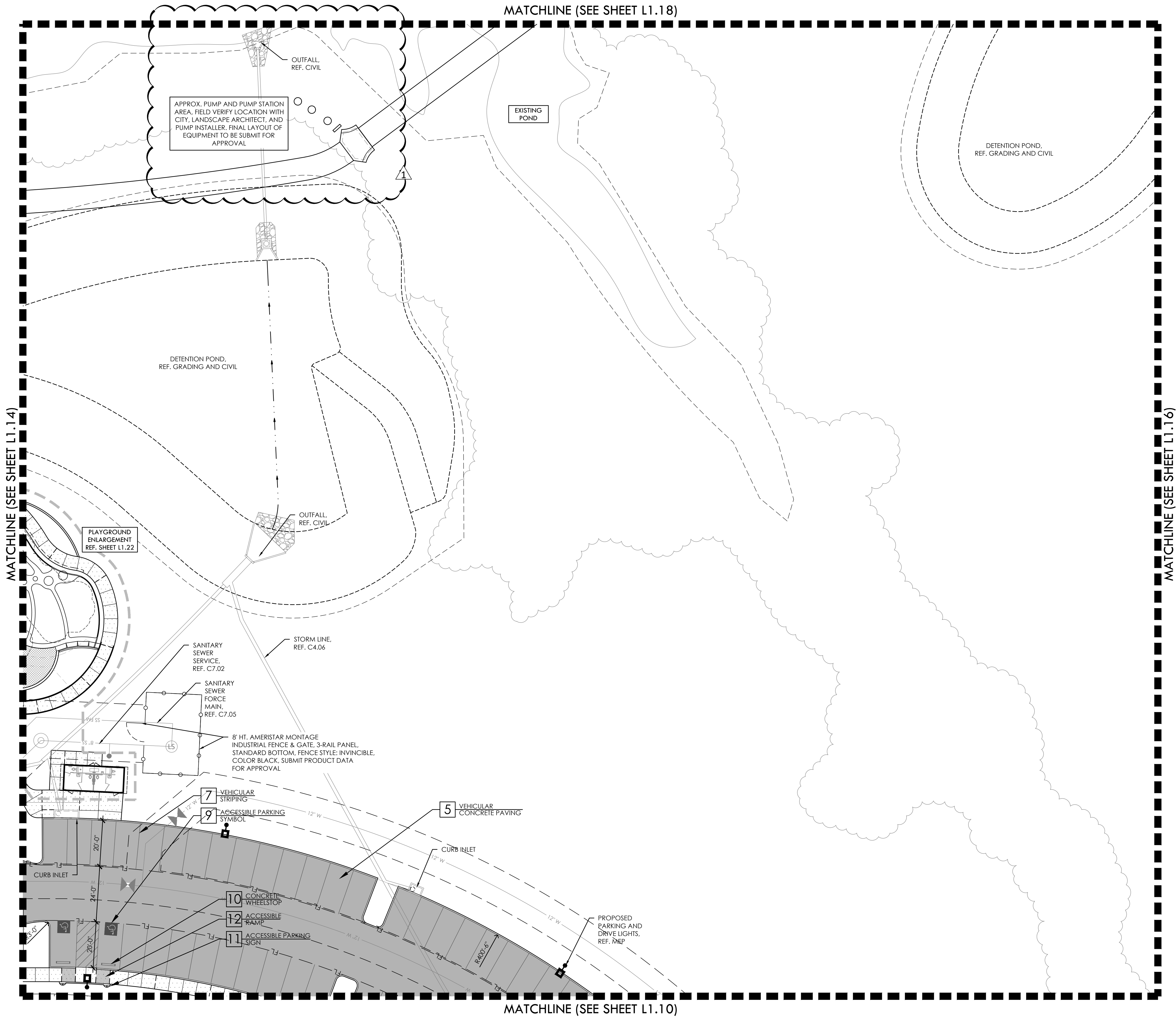
Notes:

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

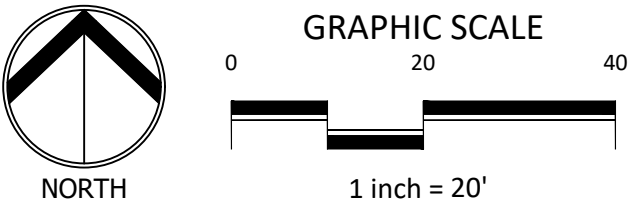
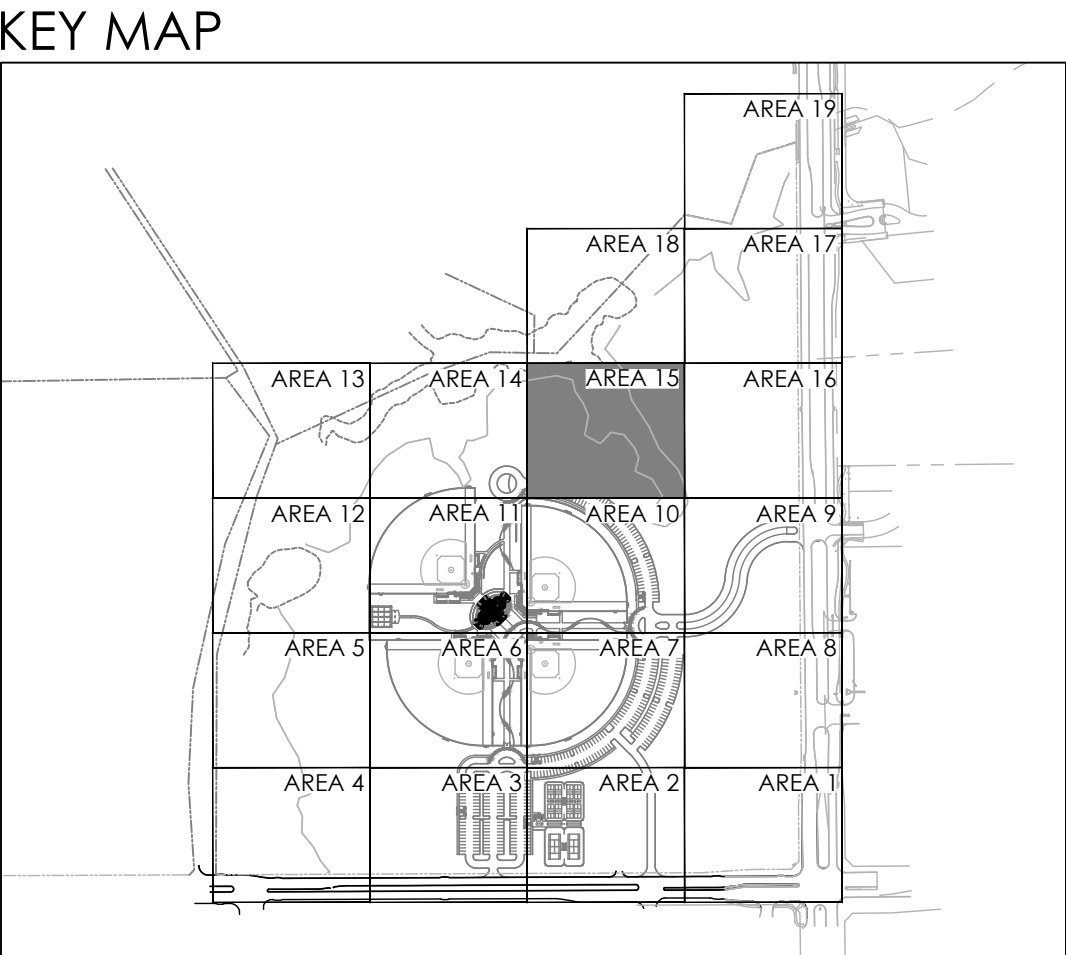
FULL PATH: P:\07060\7691\001\PA\Drawings\Prop Sheet\9501-Landsc Plan

FILENAME: 7691-Landsc Plan.dwg
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 | | DESCRIPTION |
|-----------|-----------|-----------------------------------|
| NO. | DATE | |
| 1. | 7/21/2025 | ASI #20 - IRRIGATION PUMP UPDATES |

LAYOUT PLAN - AREA 15

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
(817) 851-7114

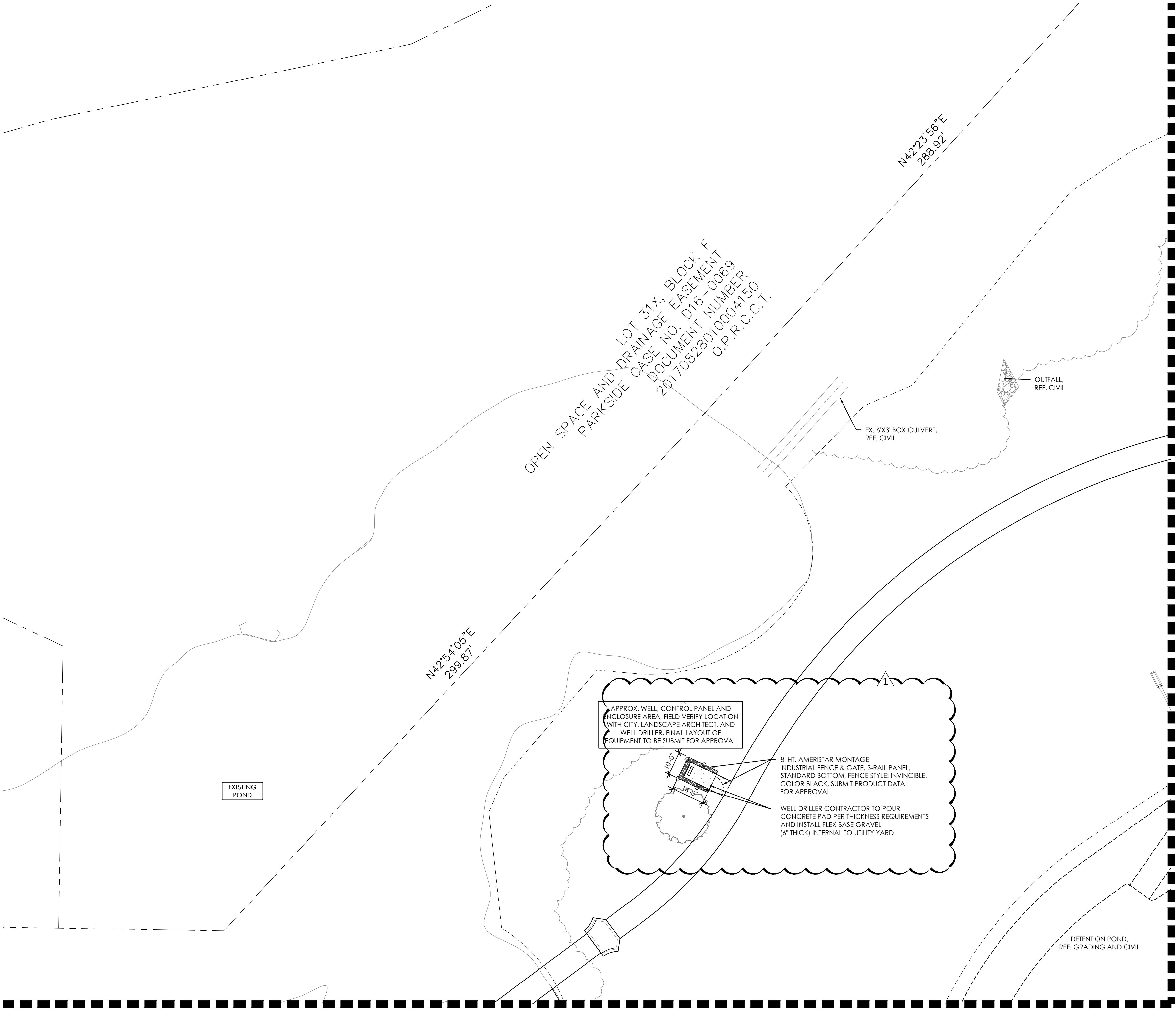
RAYMOND COMMUNITY PARK
BLOCK 1, LOT 1
WILLIAM BUTLER SURVEY, ABSTRACT NO. 112
TOWN OF PROSPER, COLLIN COUNTY, TEXAS
TOWN PROJECT #: 2122-PK

| | |
|--------------|-------------|
| | |
| JOB NO. | 7691.001 |
| DESIGNED BY: | APL |
| DRAWN BY: | AAL |
| CHECKED BY: | KLS |
| DATE: | MAY 6, 2025 |
| SHEET: | L1.15 |

BID PACKAGE #1 BID PACKAGE #2

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

FILE NAME: 7691-Landsc Planning
PLOTTED ON: Tuesday, July 22, 2025



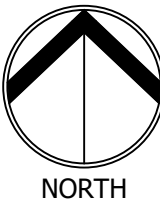
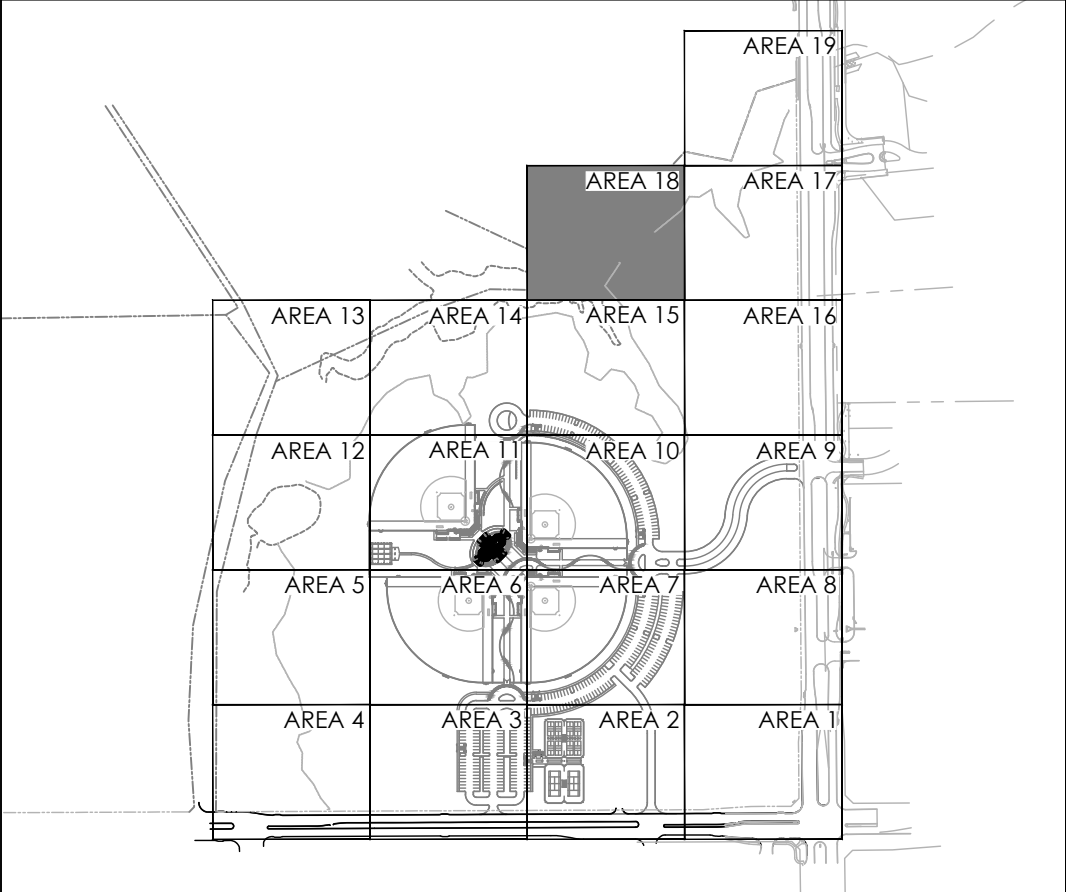
LEGEND

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

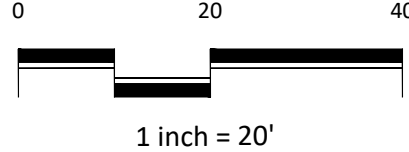
CONSTRUCTION KEY

| 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 | BATTING 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 |

KEY MAP



GRAPHIC SCALE



1 inch = 20'

REVISIONS

| NO. | DATE | DESCRIPTION |
|-----|-----------|-----------------------------------|
| 1. | 7/21/2025 | 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 |

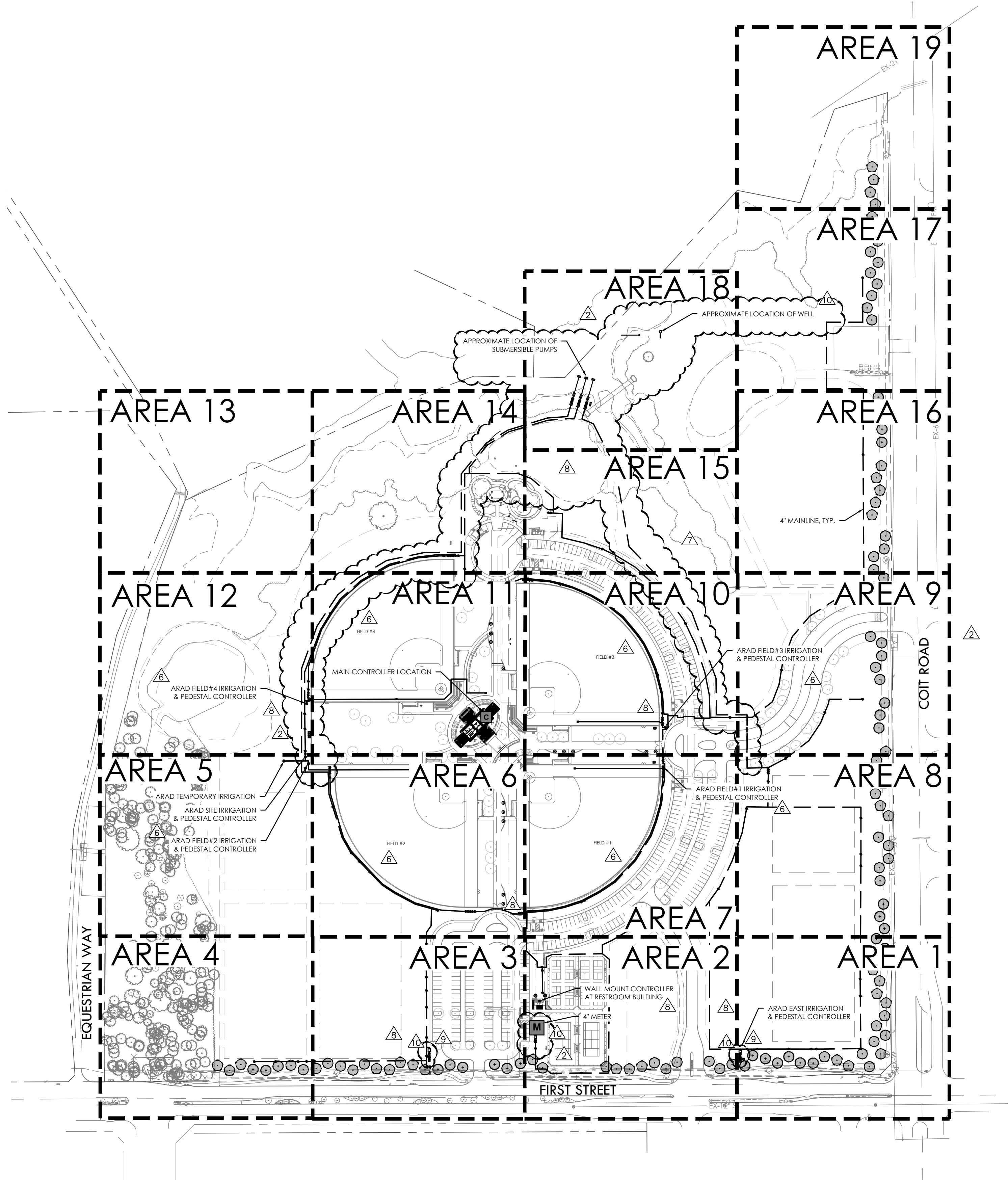
L1.18

BID PACKAGE #2

BID PACKAGE #1

FULL PATH: P:\070700\7691\001\PA Drawings\Plan Sheets\7691 Irrigation Plan

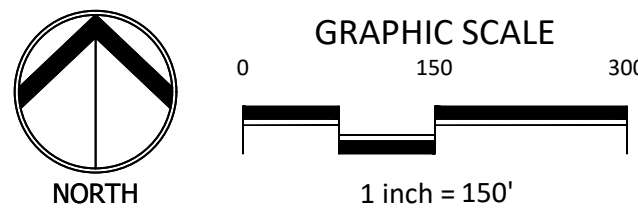
FILENAME: 7691 Irrigation Plan.dwg
PLOT DATE: Monday, July 21, 2025



- 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: FEBCO 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" ON 9/7/2023 |
| | 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. |



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

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

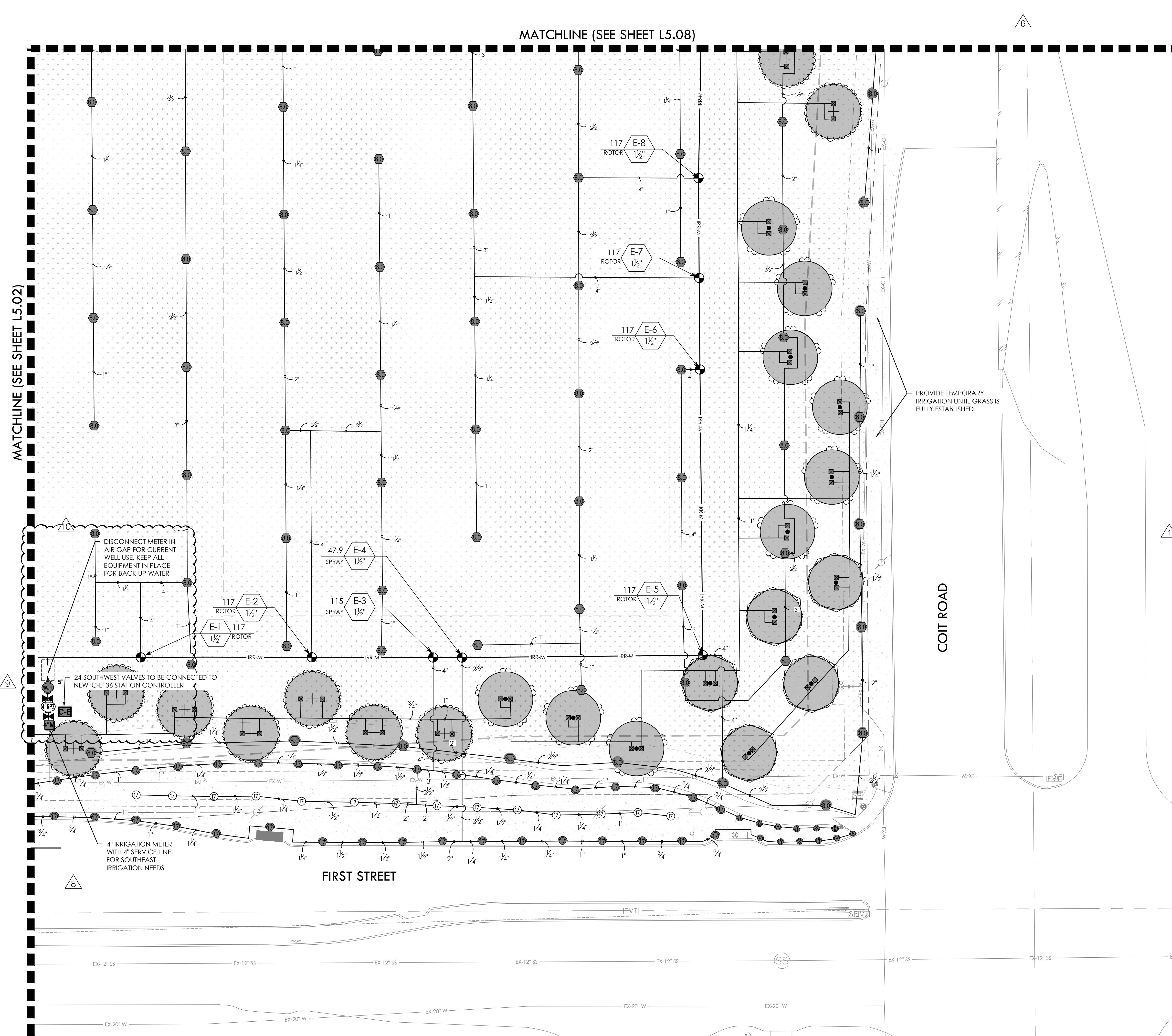
JOB NO. 7691.001
DESIGNED BY: JMM
DRAWN BY: JMM
CHECKED BY: KLS
DATE: MAY 6, 2025
SHEET: L5.00

REVISIONS


| 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 |

BID PACKAGE #1

BID PACKAGE #2



  VALVE CALLOUT NUMBERS
HAVE BEEN UPDATED

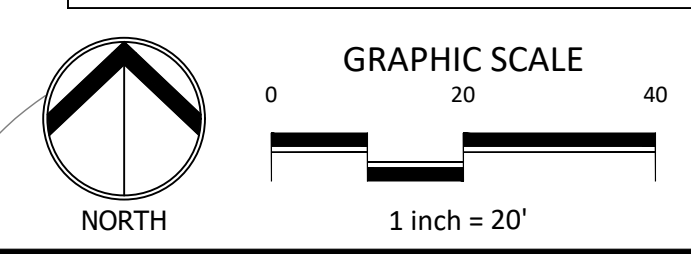
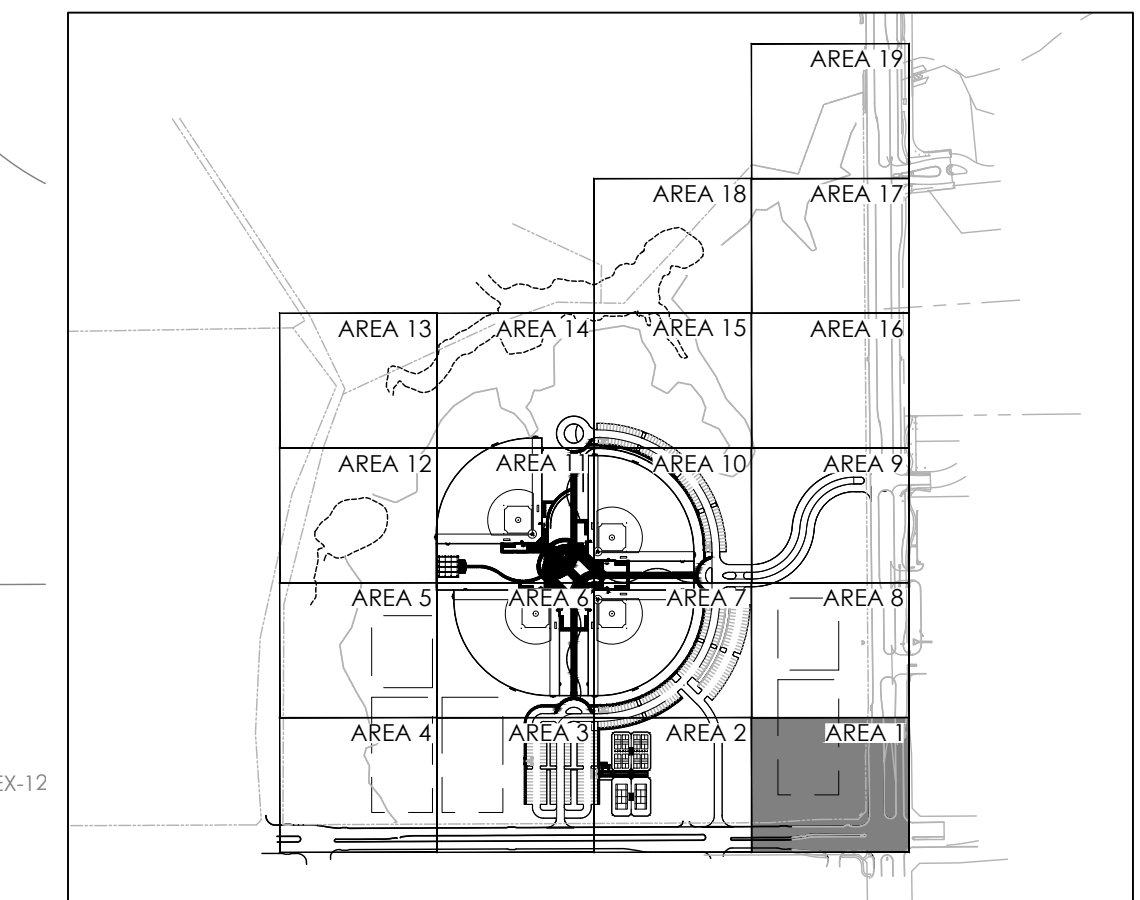
- | | |
|---|---|
|  | <p>NOTES:</p> <ol style="list-style-type: none"> 1. ALL PIPE 3" AND LARGER NEEDS TO BE GASKETED PIPE WITH MJ DUCTILE IRON FITTINGS AND CONCRETE THRUST BLOCKS. 2. THE SYSTEM WILL REQUIRE A MINIMUM OF TWO AIR RELIEF VALVE TO BE FIELD LOCATED. |
|---|---|

BID PACKAGE #1:
SLEEVING FOR PARKING AND FIRELANES ONLY

BID PACKAGE #2:
REMAINING SITE CONCRETE SLEEVING

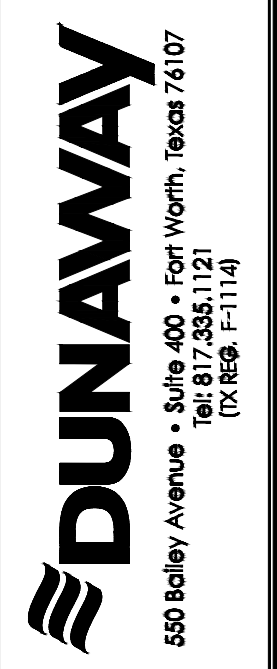
REFER TO L5.00 FOR FULL IRRIGATION SCHEDULE

KEY MAP

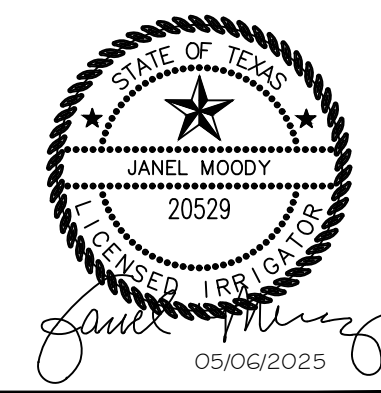


| REVISIONS | | |
|-----------|-----------|---|
| NO. | DATE | DESCRIPTION |
| 6. | 1/30/2025 | ASI #17 - IRRIGATION UPDATES |
| 7. | 4/03/2025 | RFI #49 - IRRIGATION FIELD UPDATES |
| 8. | 5/14/2025 | ASI #19 - IRRIGATION ADDITIONAL METER UPDATES |
| 9. | 6/12/2025 | RFI #59 - IRRIGATION BACKFLOW UPDATE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



| | |
|---------------------|-------------|
| JOB NO. | 7691.001 |
| DESIGNED BY: | JMM |
| DRAWN BY: | JMM |
| CHECKED BY: | KLS |
| DATE: | MAY 6, 2025 |
| SHEET: L5.01 | |

| | |
|----------------|----------------|
| BID PACKAGE #1 | BID PACKAGE #2 |
|----------------|----------------|

FULL PATH: P:\070607\7691\001\Irrigation\Plan Sheets\7691.Irrigation Plan
FILENAME: 7691.Irrigation Plan.dwg
PLOT DATE: 05/06/2025
PLOT BY: JMM

MATCHLINE (SEE SHEET L5.03)

MATCHLINE (SEE SHEET L5.07)

MATCHLINE (SEE SHEET L5.01)

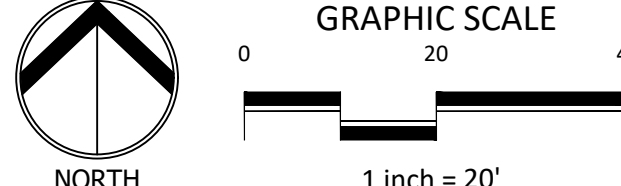
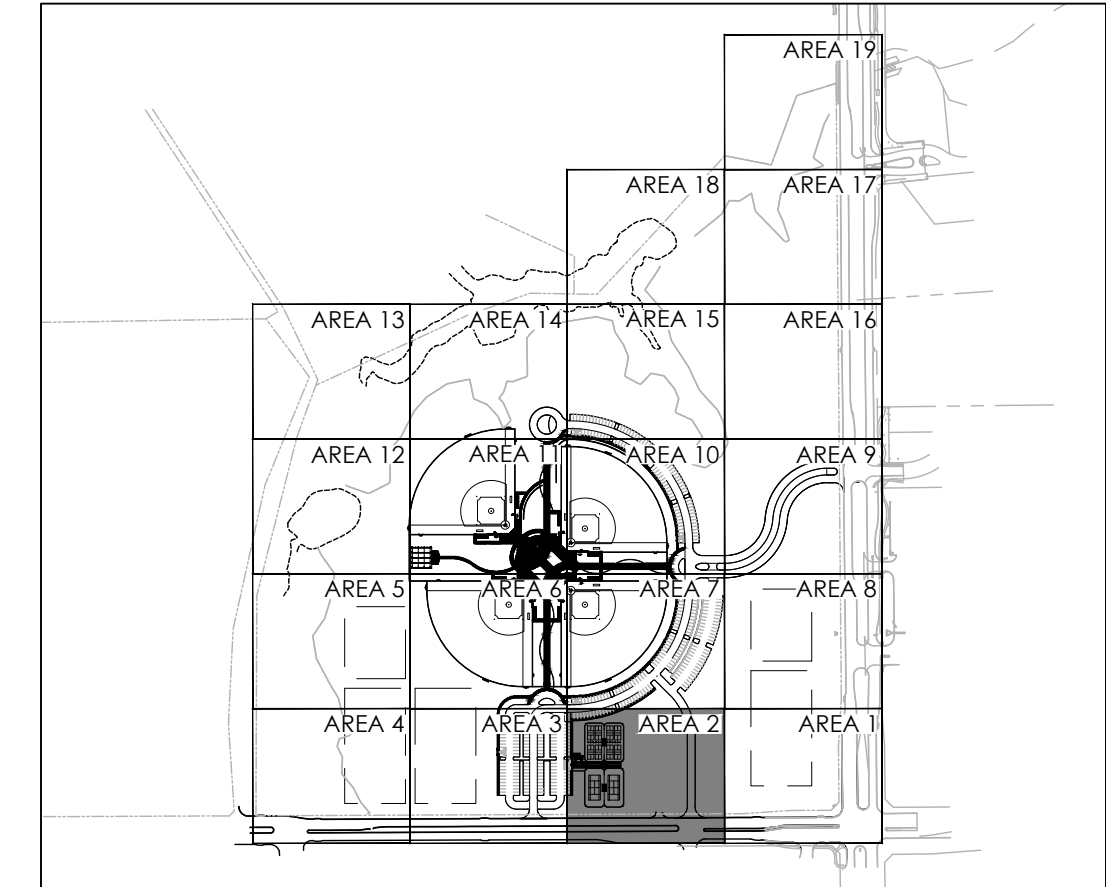
- NOTES:
- ALL PIPE 3" AND LARGER NEEDS TO BE GASKETED PIPE WITH MJ DUCTILE IRON FITTINGS AND CONCRETE THRUST BLOCKS.
 - THE SYSTEM WILL REQUIRE A MINIMUM OF TWO AIR RELIEF VALVE TO BE FIELD LOCATED.

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

FIRST STREET

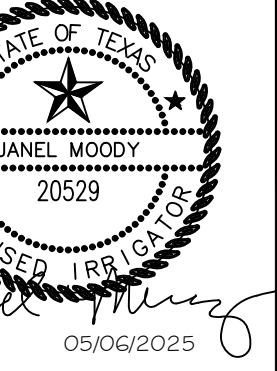
EXISTING IRRIGATION
TO REMAIN, PROTECT IN
PLACE

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

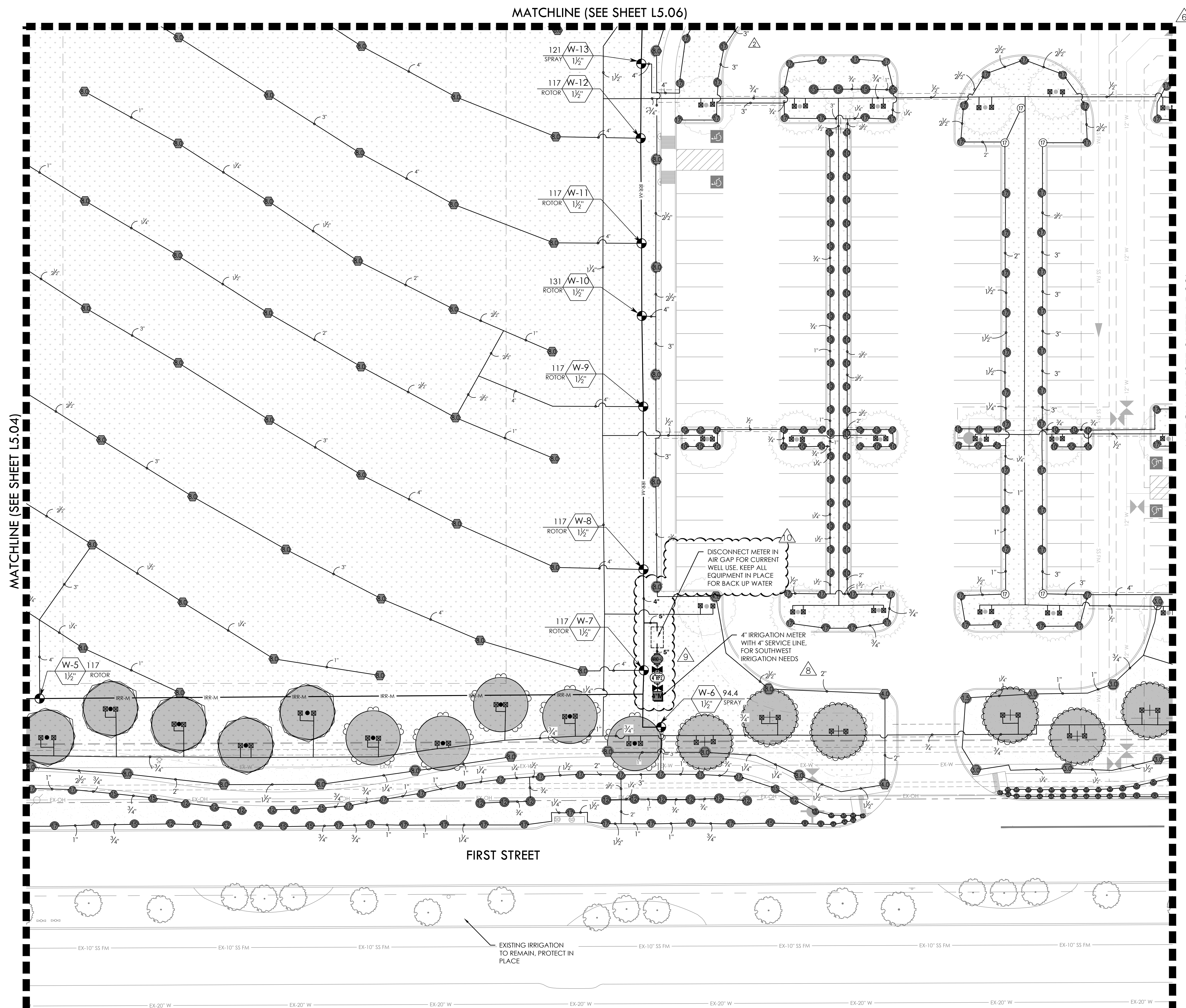


| | |
|--------------|-------------|
| JOB NO. | 7691.001 |
| DESIGNED BY: | JMM |
| DRAWN BY: | JMM |
| CHECKED BY: | KLS |
| DATE: | MAY 6, 2025 |
| SHEET: | L5.02 |

| 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 |

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

BID PACKAGE #1
BID PACKAGE #2



  VALVE CALLOUT NUMBERS
HAVE BEEN UPDATED

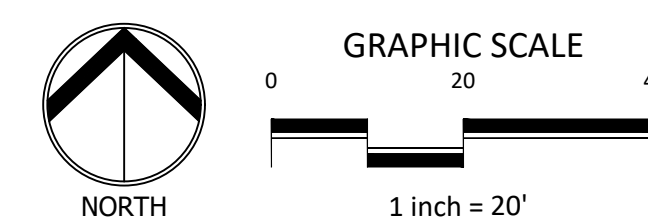
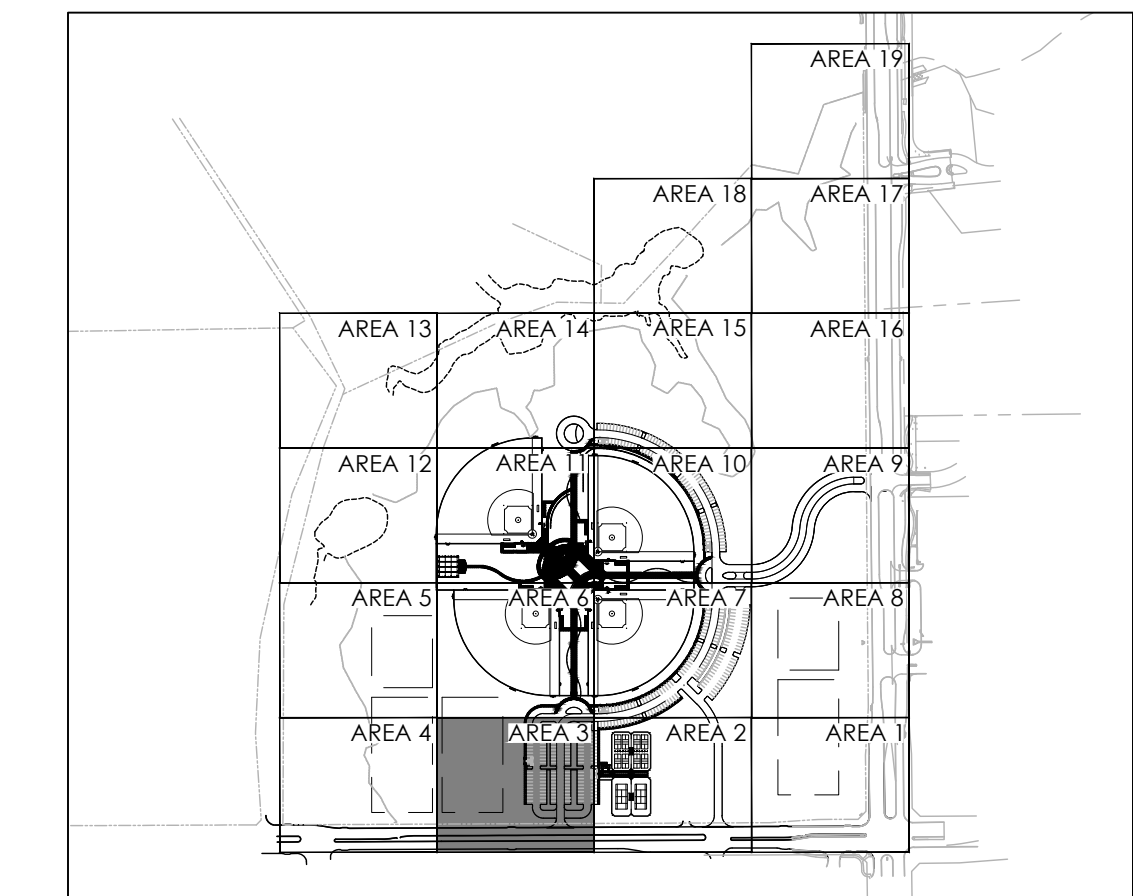
- NOTES:**
1. ALL PIPE 3" AND LARGER NEEDS TO BE GASKETED PIPE WITH MJ DUCTILE IRON FITTINGS AND CONCRETE THRUST BLOCKS.
 2. THE SYSTEM WILL REQUIRE A MINIMUM OF TWO AIR RELIEF VALVE TO BE FIELD LOCATED.

BID PACKAGE #1:
SLEEVING FOR PARKING AND FIRELANES ONLY

BID PACKAGE #2:
REMAINING SITE CONCRETE SLEEVING

REFER TO L5.00 FOR FULL IRRIGATION SCHEDULE

KEY MAP

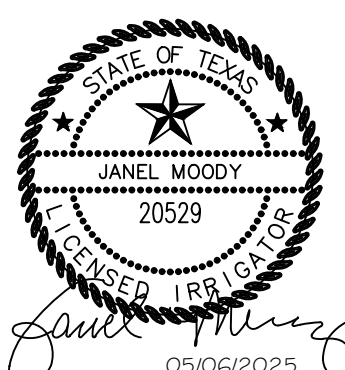


| REVISIONS | | |
|-----------|-----------|---|
| NO. | DATE | DESCRIPTION |
| 6. | 1/30/2025 | ASI #17 - IRRIGATION UPDATES |
| 7. | 4/03/2025 | RFI #49 - IRRIGATION FIELD UPDATES |
| 8. | 5/14/2025 | ASI #19 - IRRIGATION ADDITIONAL METER UPDATES |
| 9. | 6/12/2025 | RFI #59 - IRRIGATION BACKFLOW UPDATE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

IRRIGATION PLAN - AREA 3

DUNAWAY
550 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

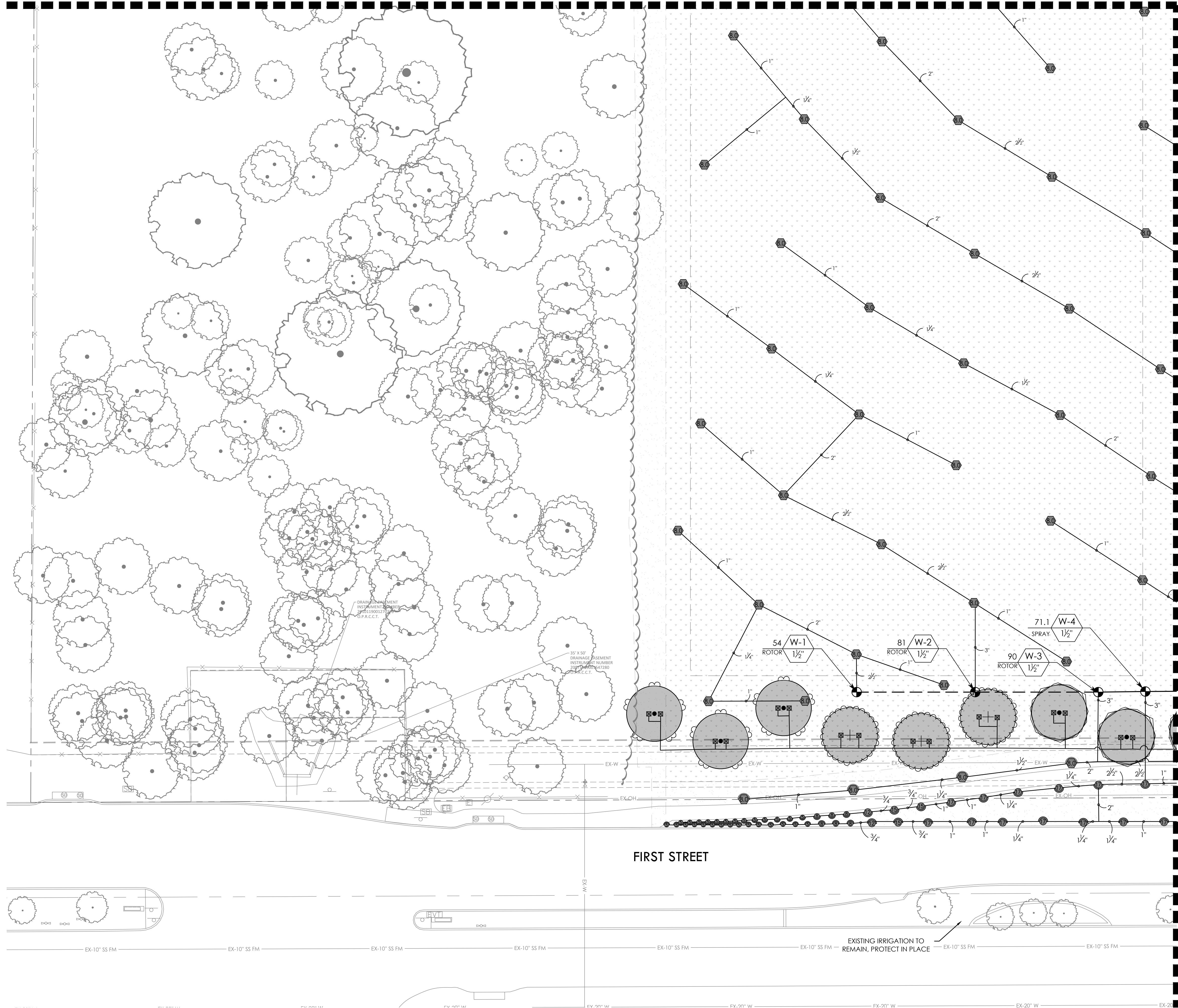


| | |
|--------------|-------------|
| JOB NO. | 7691.001 |
| DESIGNED BY: | JMM |
| DRAWN BY: | JMM |
| CHECKED BY: | KLS |
| DATE: | MAY 6, 2025 |
| SHEET: | |
| L5.03 | |

BID PACKAGE #1 BID PACKAGE #2

FILE PATH: P:\070601\7691.001\TIA Drawings\Plan Sheets\7691.001 Irrigation Plan
PLDW: 7691 Irrigation Plan
CHECKED BY: JMM
DATE: 05/06/2025

MATCHLINE (SEE SHEET L5.05)



2

7

8

VALVE CALLOUT NUMBERS
HAVE BEEN UPDATED

NOTES:

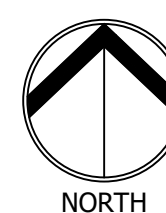
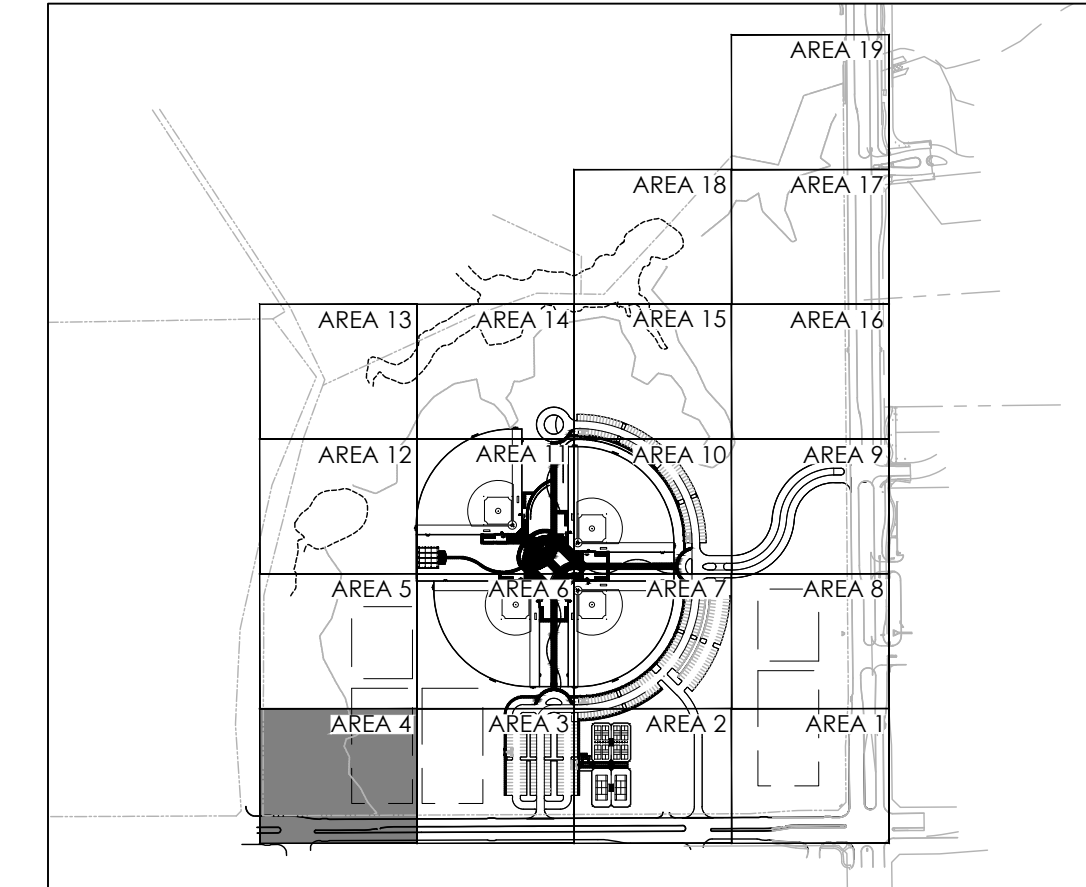
1. ALL PIPE 3" AND LARGER NEEDS TO BE GASKETED PIPE WITH MJ DUCTILE IRON FITTINGS AND CONCRETE THRUST BLOCKS.
2. THE SYSTEM WILL REQUIRE A MINIMUM OF TWO AIR RELIEF VALVE TO BE FIELD LOCATED.

BID PACKAGE #1:
SLEEVING FOR PARKING AND FIRELANES ONLY

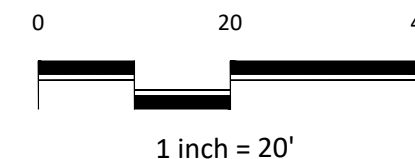
BID PACKAGE #2:
REMAINING SITE CONCRETE SLEEVING

REFER TO L5.00 FOR FULL IRRIGATION SCHEDULE

KEY MAP

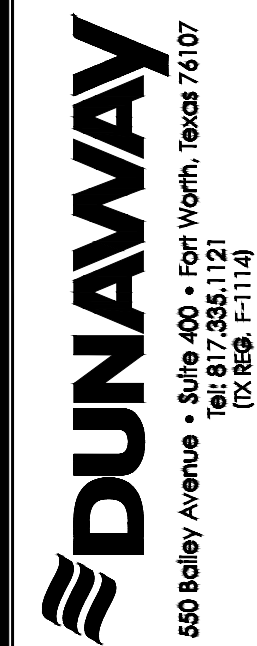


GRAPHIC SCALE

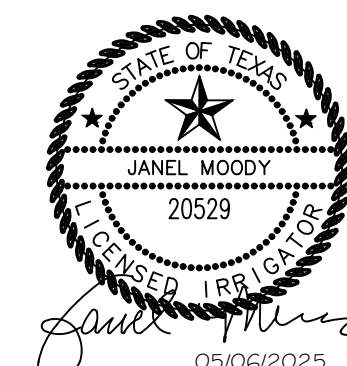


1 inch = 20'

IRRIGATION PLAN - AREA 4



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

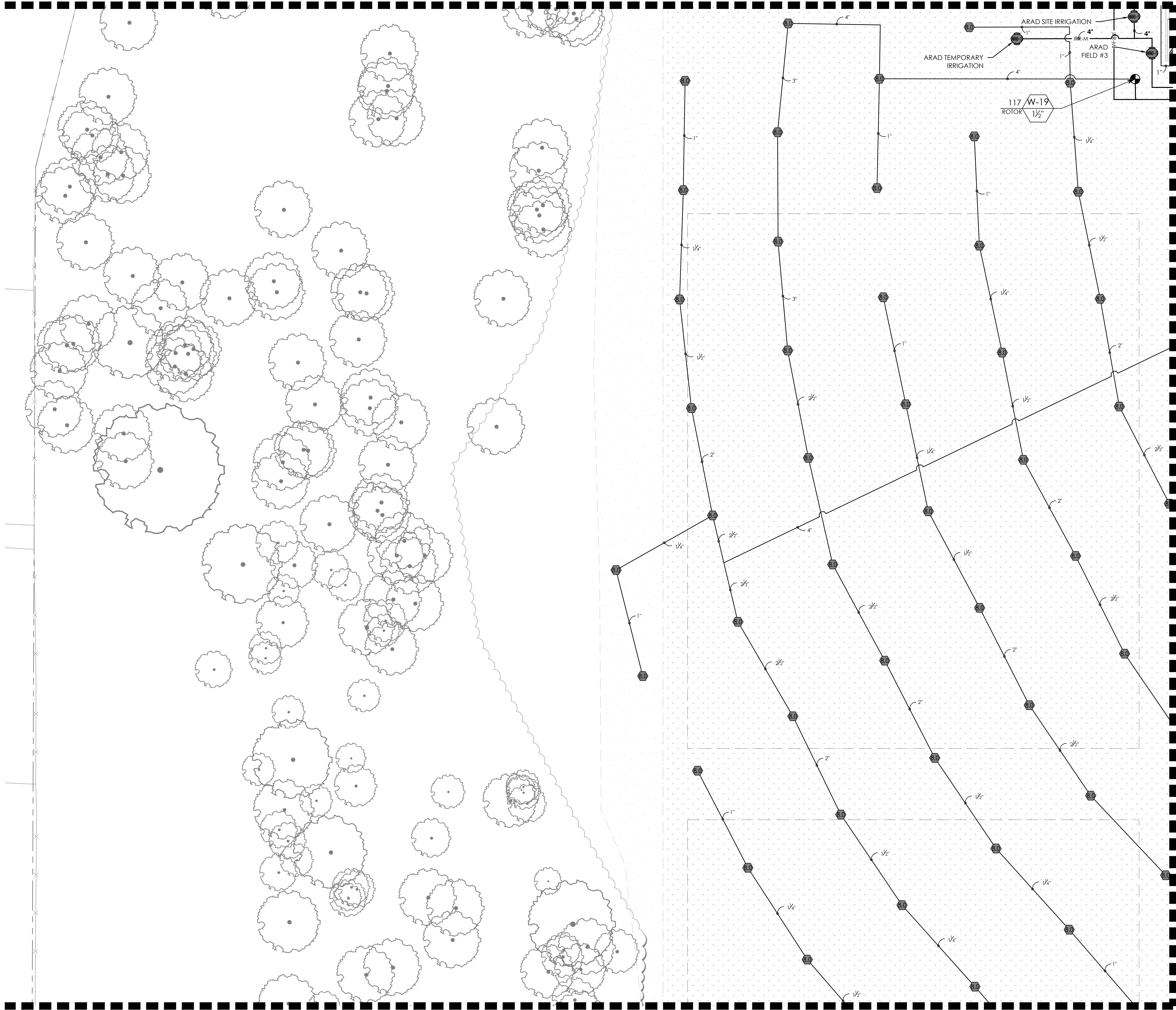


| | |
|--------------|-------------|
| JOB NO. | 7691.001 |
| DESIGNED BY: | JMM |
| DRAWN BY: | JMM |
| CHECKED BY: | KLS |
| DATE: | MAY 6, 2025 |
| SHEET: | L5.04 |

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

MATCHLINE (SEE SHEET L5.12)



MATCHLINE (SEE SHEET L5.04)

MATCHLINE (SEE SHEET L5.06)

2 7 8 VALVE CALLOUT NUMBERS
HAVE BEEN UPDATED

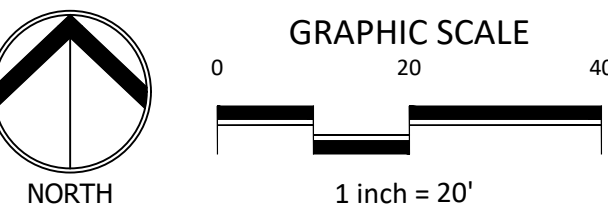
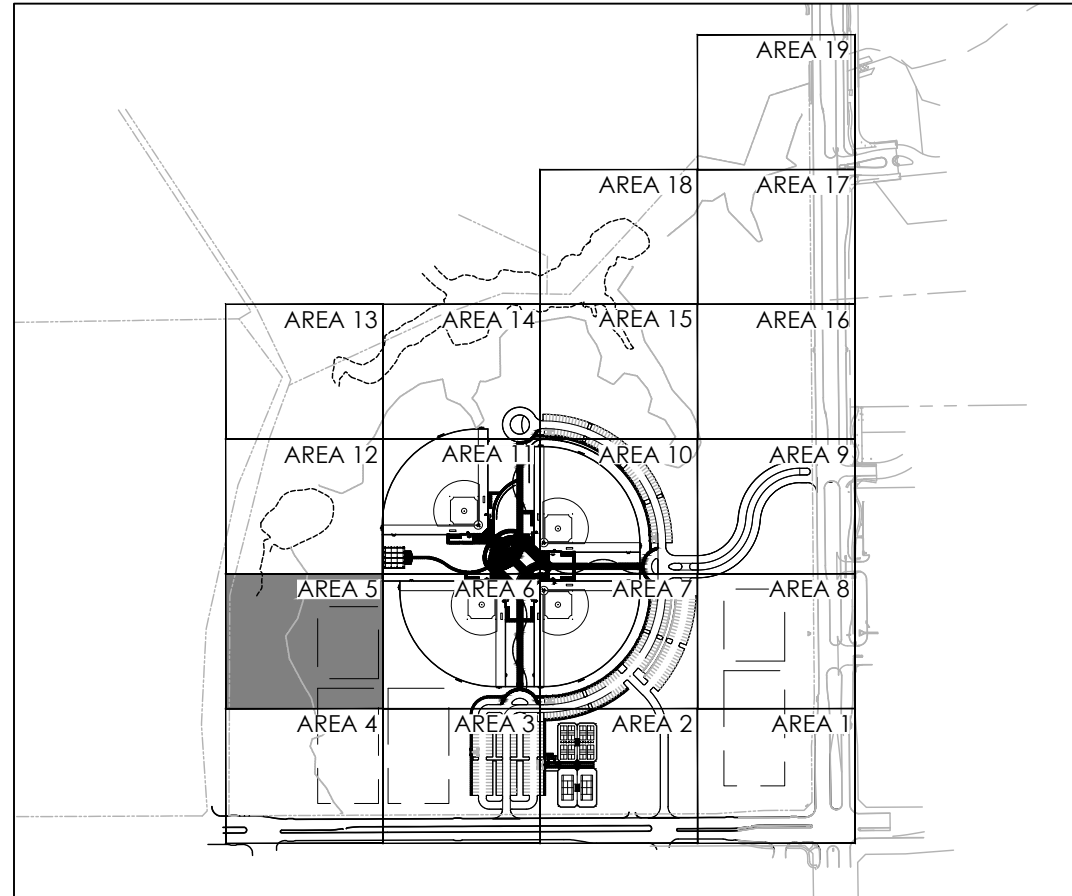
- NOTES:
1. ALL PIPE 3" AND LARGER NEEDS TO BE GASKETED PIPE WITH MJ DUCTILE IRON FITTINGS AND CONCRETE THRUST BLOCKS.
 2. THE SYSTEM WILL REQUIRE A MINIMUM OF TWO AIR RELIEF VALVE TO BE FIELD LOCATED.

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

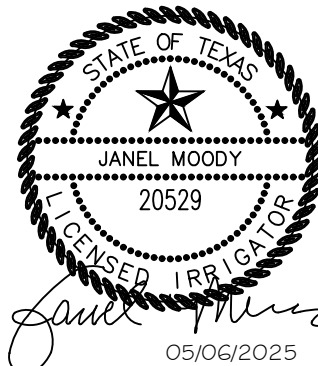


IRRIGATION PLAN - AREA 5

RAYMOND COMMUNITY PARK
BLOCK 1, LOT 1

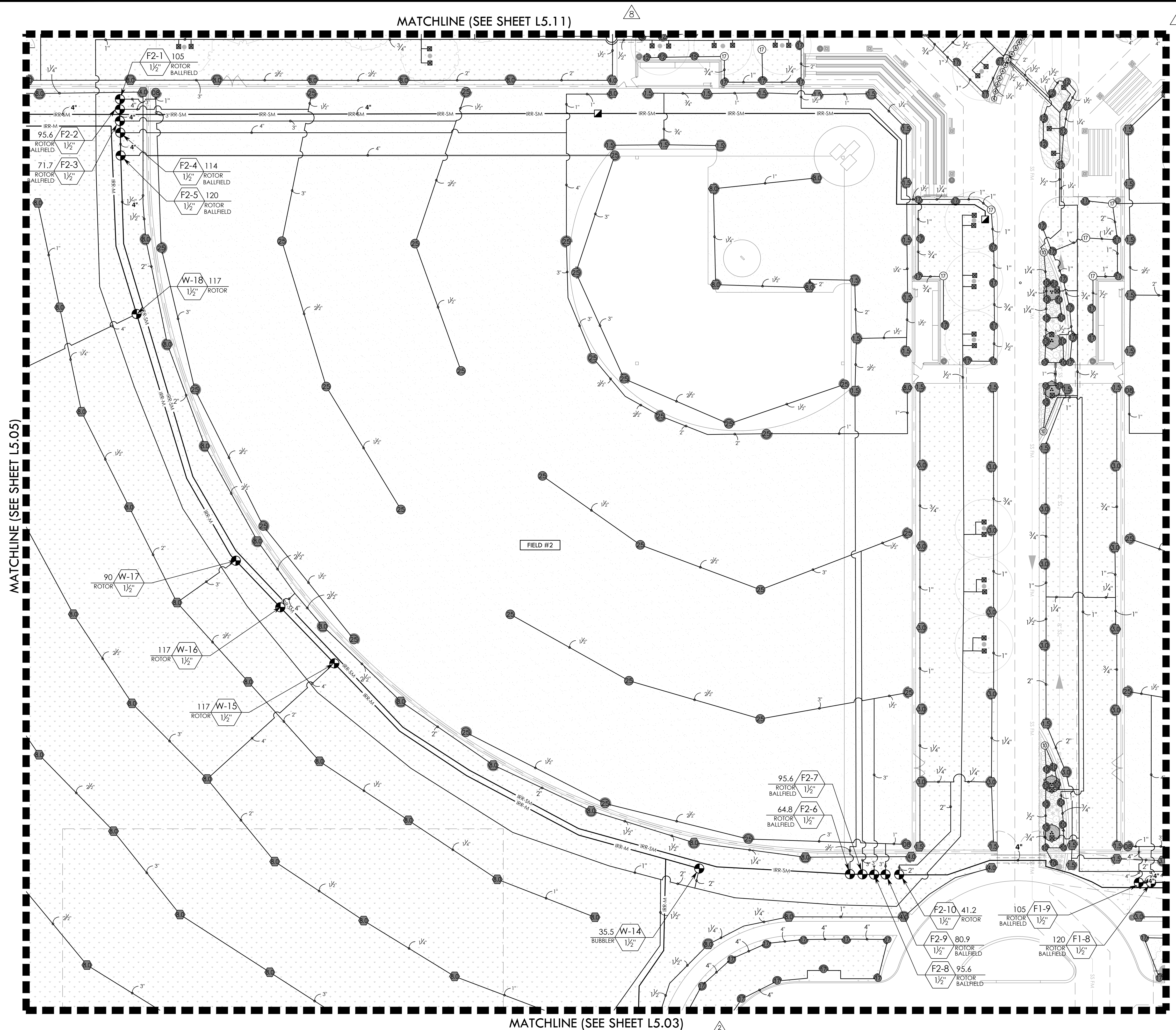
WILLIAM BUTLER SURVEY, ABSTRACT NO. 112
TOWN OF PROSPER, COLLIN COUNTY, TEXAS
TOWN PROJECT #: 2122-PK

DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
PH: 817.411.1114



| | |
|--------------|-------------|
| 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

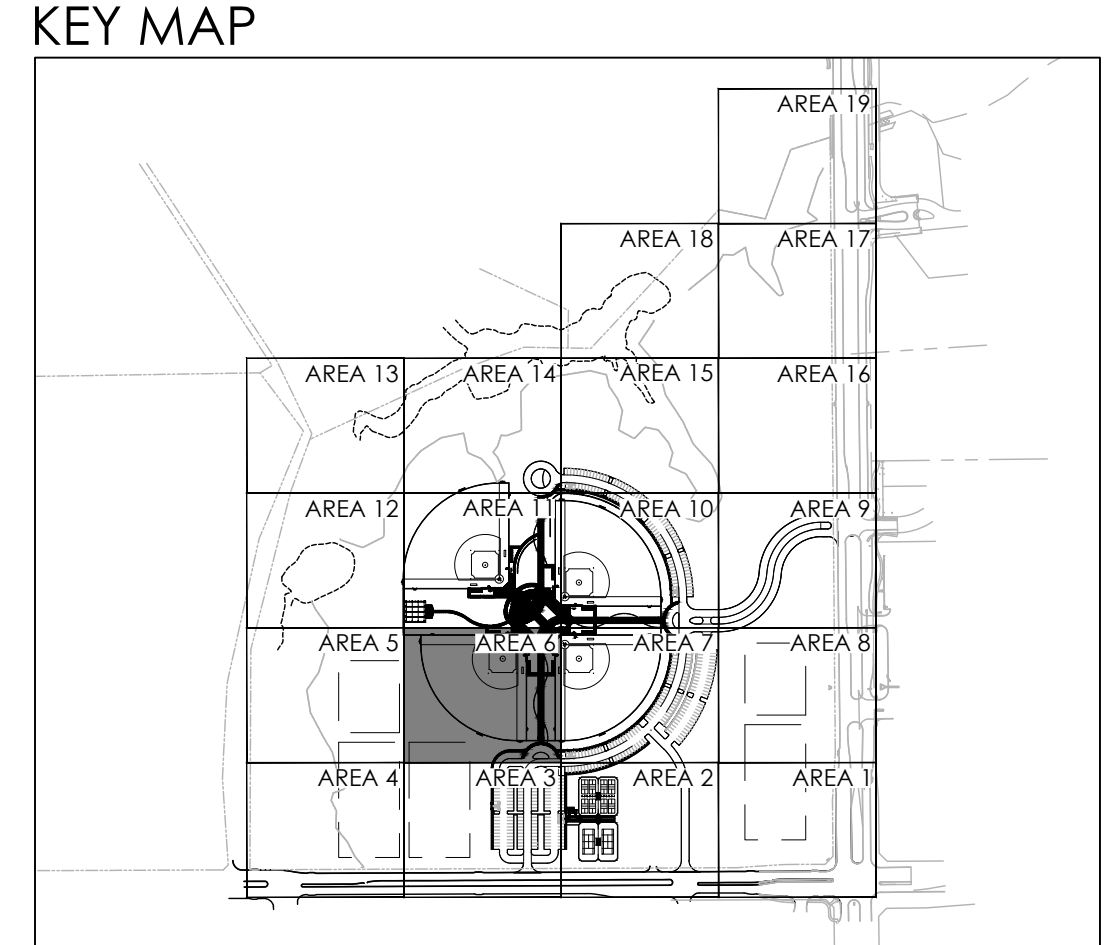


  VALVE CALLOUT NUMBERS
HAVE BEEN UPDATED

- 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

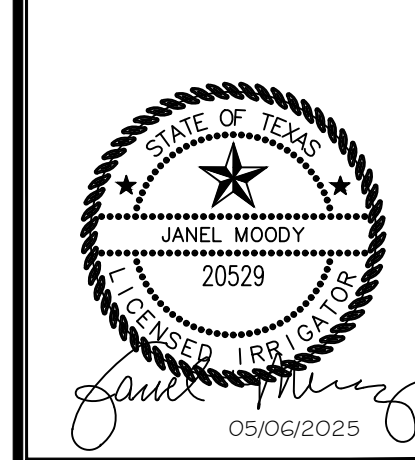


| REVISONS | | |
|----------|-----------|---|
| NO. | DATE | DESCRIPTION |
| 1. | 3/20/2024 | GMP#2 Addendum No. 1 |
| 2. | 8/16/2024 | PR #2.2 - MULTI-USE FIELD/POND |
| 6. | 1/30/2025 | ASI #17 - IRRIGATION UPDATES |
| 7. | 4/03/2025 | RFI #49 - IRRIGATION FIELD UPDATES |
| 8. | 5/14/2025 | ASI #19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

IRRIGATION PLAN - AREA 6



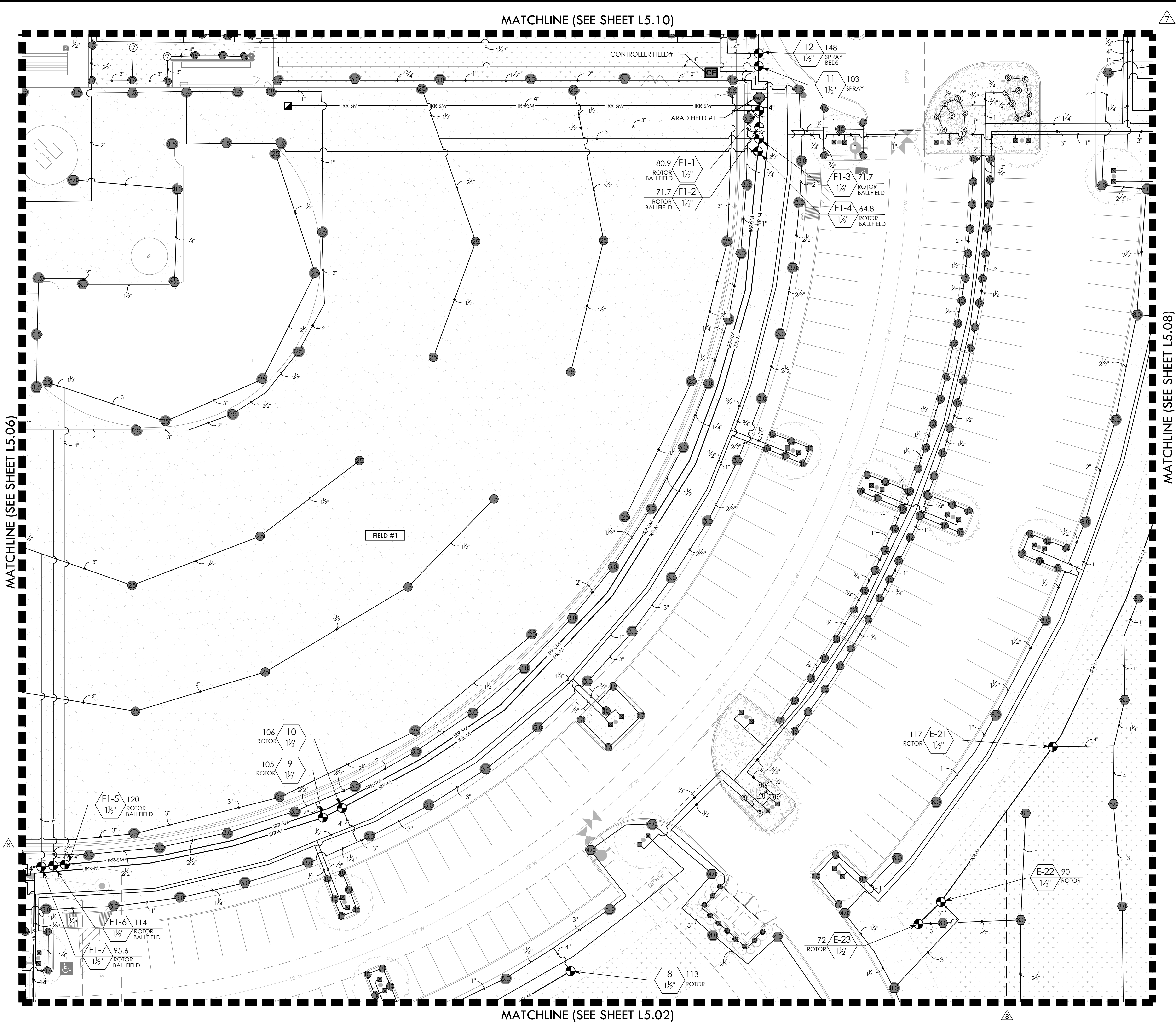
RAYMOND COMMUNITY PARK
BLOCK 1, LOT 1
WILLIAM BUTLER SURVEY, ABSTRACT NO. 112
TOWN OF PROSPER, COLLIN COUNTY, TEXAS



| | |
|-----------------|-------------|
| 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

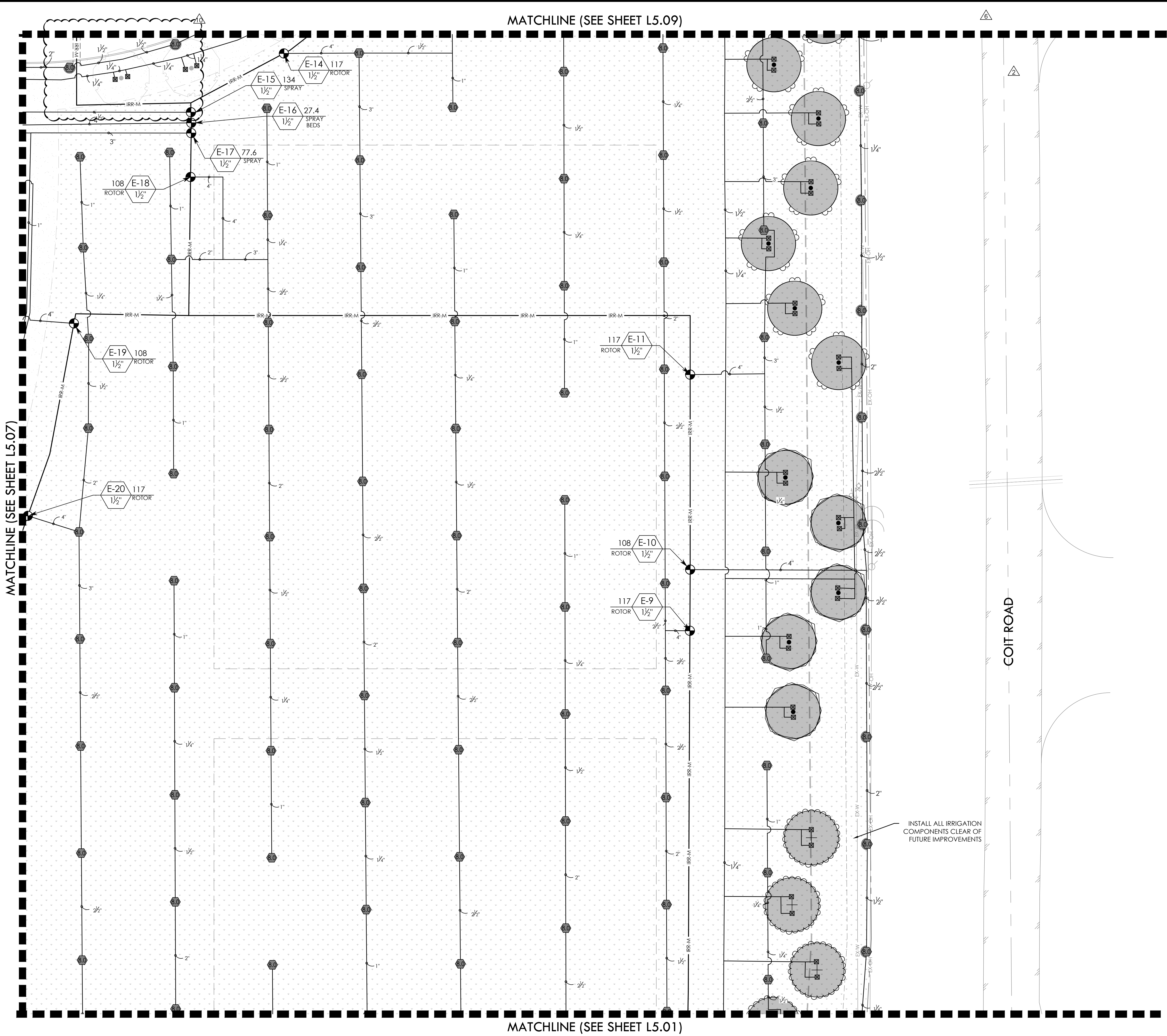
STATE OF TEXAS
JANEL MOODY
20529
LICENSED IRRIGATOR
05/06/2025

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 |

FILE NAME: 7691 Irrigation Plan.dwg
PLOT DATE: 05/06/2025
PLOT BY: JMM



7 8 VALVE CALLOUT NUMBERS HAVE BEEN UPDATED

NOTES:

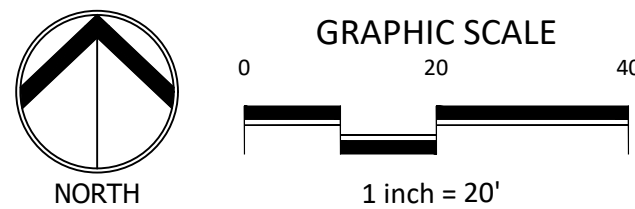
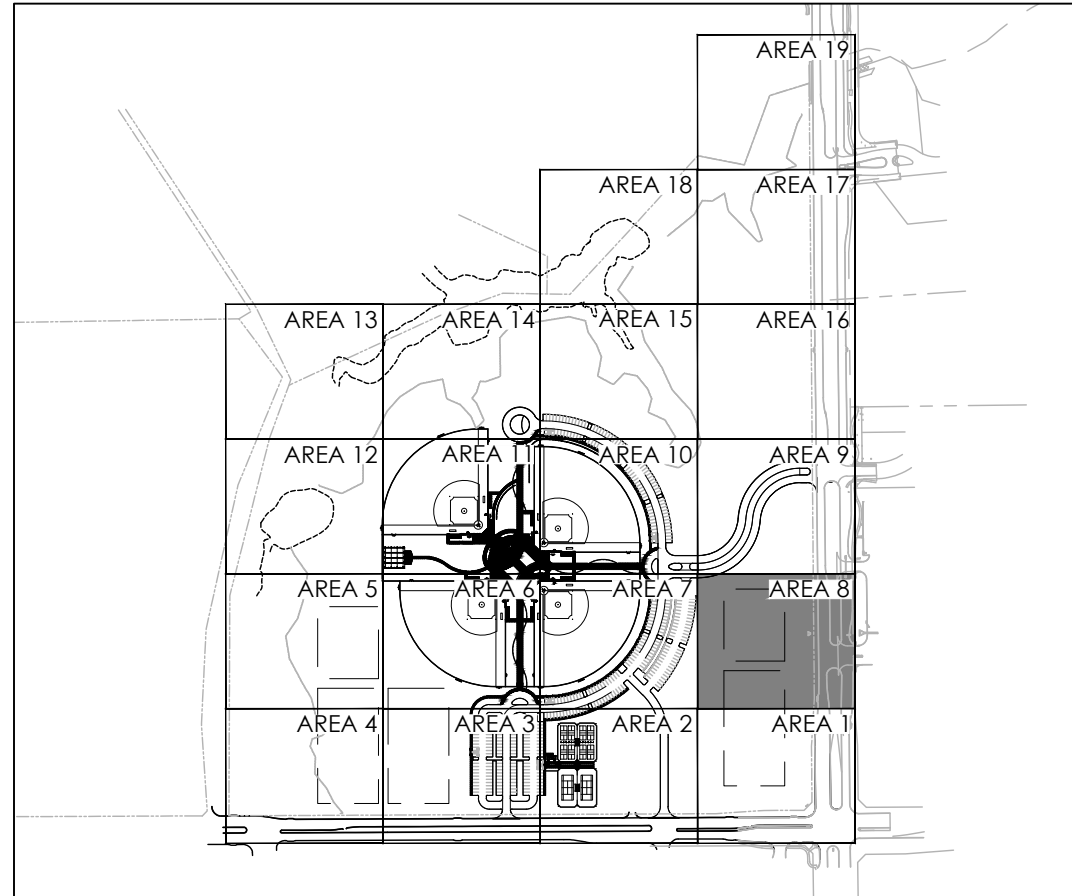
1. ALL PIPE 3" AND LARGER NEEDS TO BE GASKETED PIPE WITH MJ DUCTILE IRON FITTINGS AND CONCRETE THRUST BLOCKS.
2. THE SYSTEM WILL REQUIRE A MINIMUM OF TWO AIR RELIEF VALVE TO BE FIELD LOCATED.

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

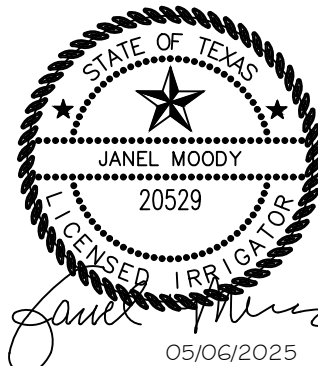


| REVISIONS | | DESCRIPTION |
|-----------|-----------|---|
| NO. | DATE | |
| 2. | 8/16/2024 | PR #2.2 - MULTI-USE FIELD/POND |
| 6. | 1/30/2025 | ASI #17 - IRRIGATION UPDATES |
| 7. | 4/03/2025 | RFI #49 - IRRIGATION FIELD UPDATES |
| 8. | 5/14/2025 | ASI #19 - IRRIGATION ADDITIONAL METER UPDATES |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

IRRIGATION PLAN - AREA 8



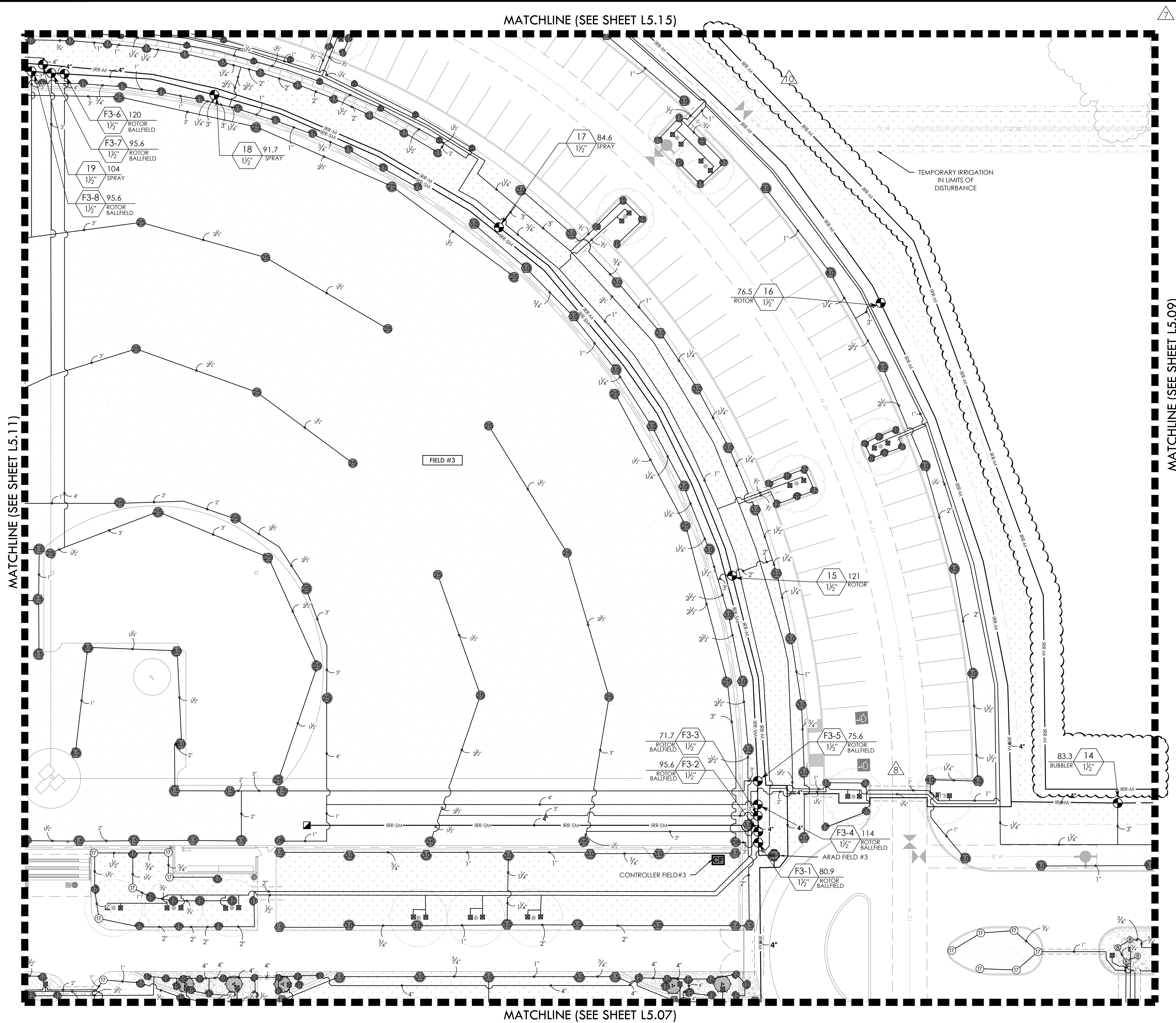
RAYMOND COMMUNITY PARK
BLOCK 1, LOT 1
WILLIAM BUTLER SURVEY, ABSTRACT NO. 112
TOWN OF PROSPER, COLLIN COUNTY, TEXAS
TOWN PROJECT #: 2122-PK



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

BID PACKAGE #1 BID PACKAGE #2

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



7 8 VALVE CALLOUT NUMBERS
HAVE BEEN UPDATED

MATCHLINE (SEE SHEET L5.09)

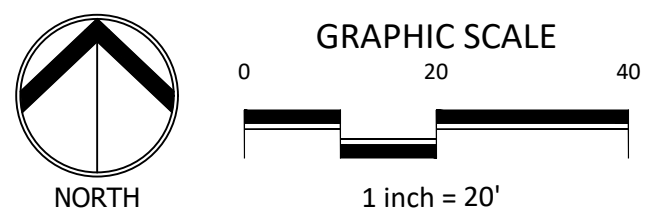
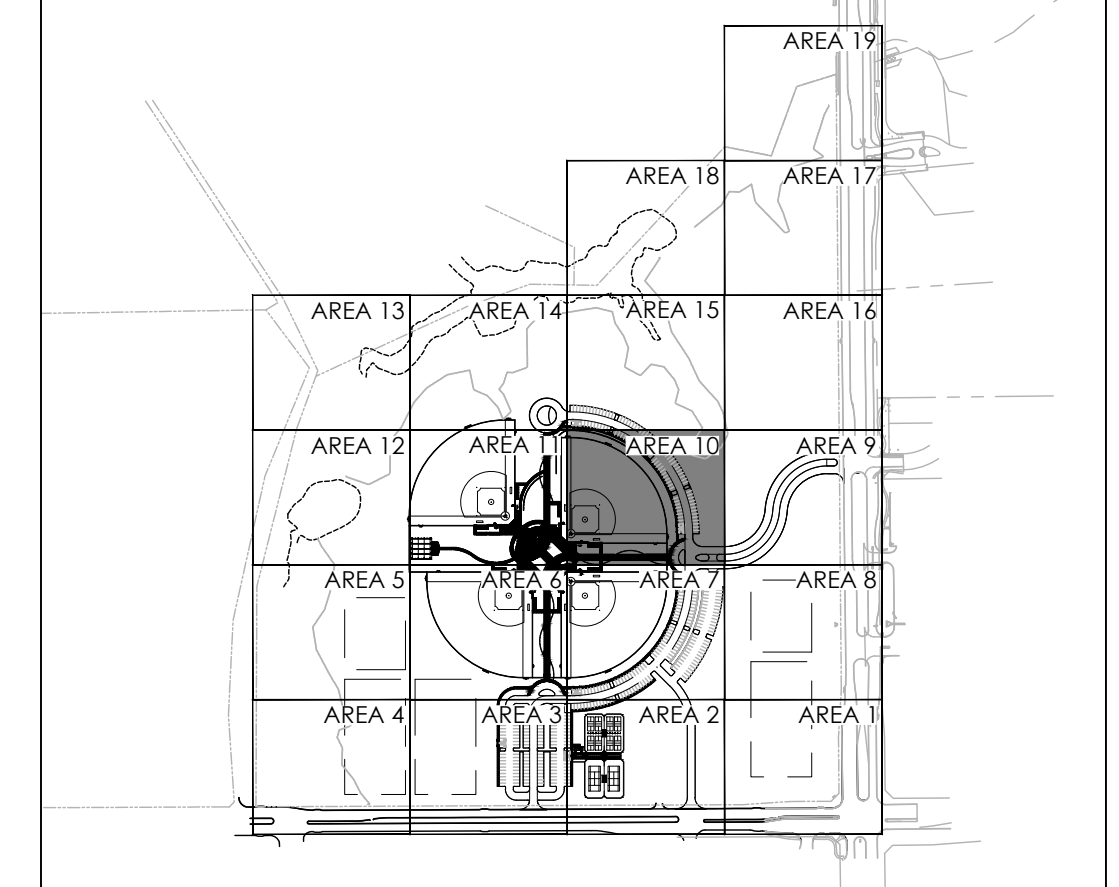
- NOTES:
1. ALL PIPE 3" AND LARGER NEEDS TO BE GASKETED PIPE WITH MJ DUCTILE IRON FITTINGS AND CONCRETE THRUST BLOCKS.
 2. THE SYSTEM WILL REQUIRE A MINIMUM OF TWO AIR RELIEF VALVE TO BE FIELD LOCATED.

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

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

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: L5.10

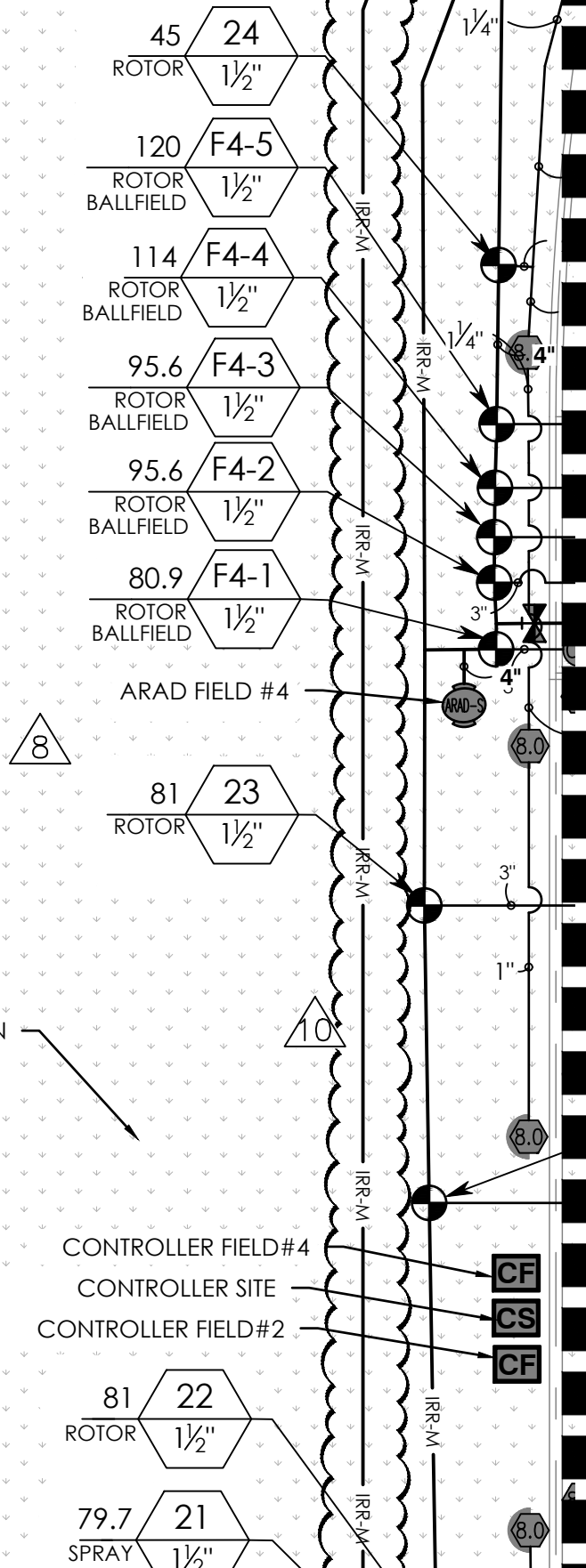
BID PACKAGE #1
BID PACKAGE #2

FULL PATH: P:\07060\7691.001\PA Drawings\PA Sheet\7691.001 Irrigation Plan
FILENAME: 7691.001 Irrigation Plan.dwg
PLOT DATE: 05/06/2025
PLOT TIME: 10:21:00 AM

MATCHLINE (SEE SHEET L5.13)

7 8 VALVE CALLOUT NUMBERS
HAVE BEEN UPDATED

MATCHLINE (SEE SHEET L5.11)



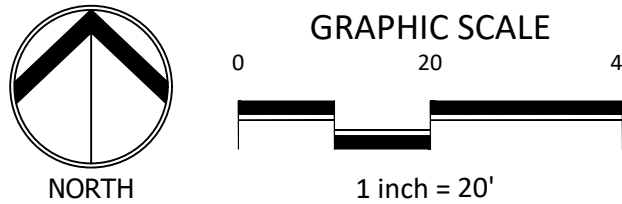
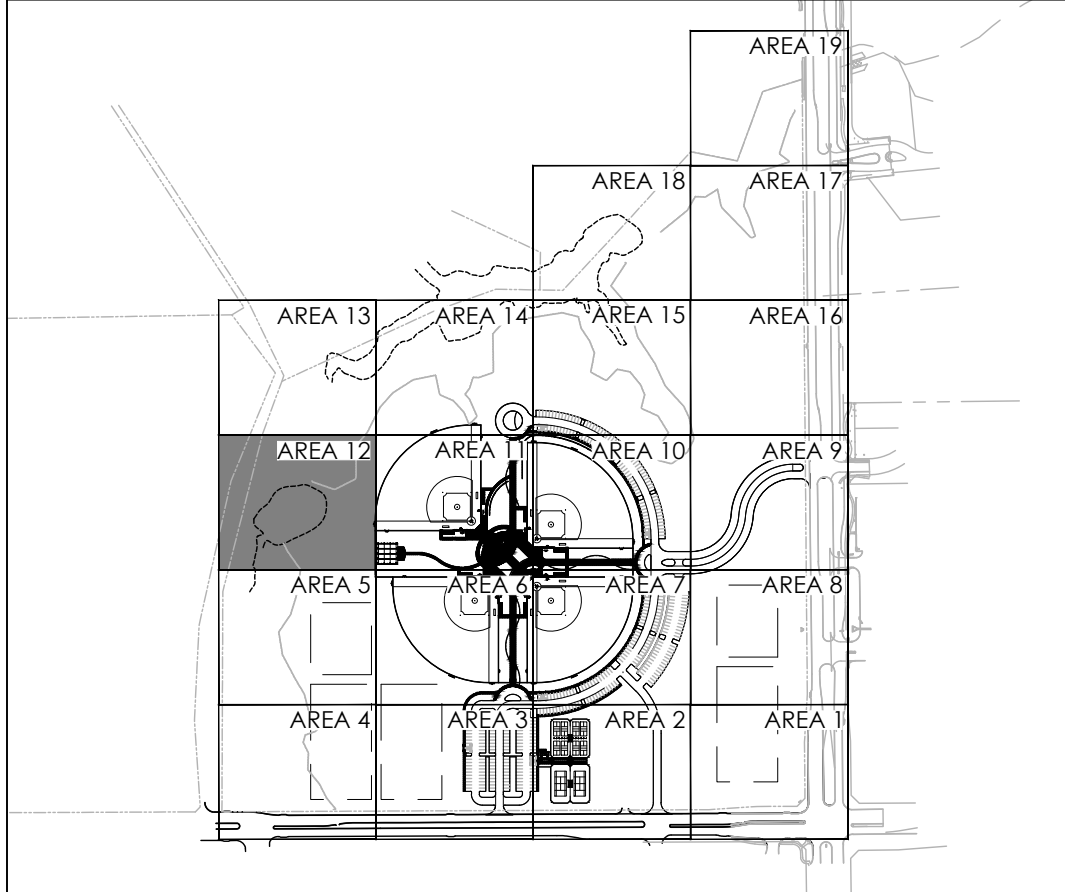
- NOTES:
- ALL PIPE 3" AND LARGER NEEDS TO BE GASKETED PIPE WITH MJ DUCTILE IRON FITTINGS AND CONCRETE THRUST BLOCKS.
 - THE SYSTEM WILL REQUIRE A MINIMUM OF TWO AIR RELIEF VALVE TO BE FIELD LOCATED.

BID PACKAGE #1:
SLEEVING FOR PARKING AND FIRELANES ONLY

BID PACKAGE #2:
REMAINING SITE CONCRETE SLEEVING

REFER TO L5.00 FOR FULL IRRIGATION SCHEDULE

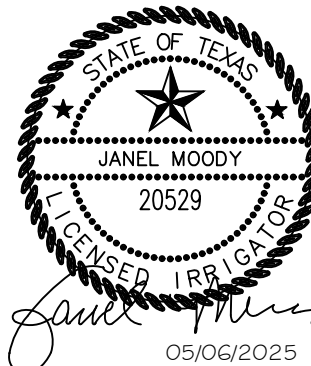
KEY MAP



IRRIGATION PLAN - AREA 12

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

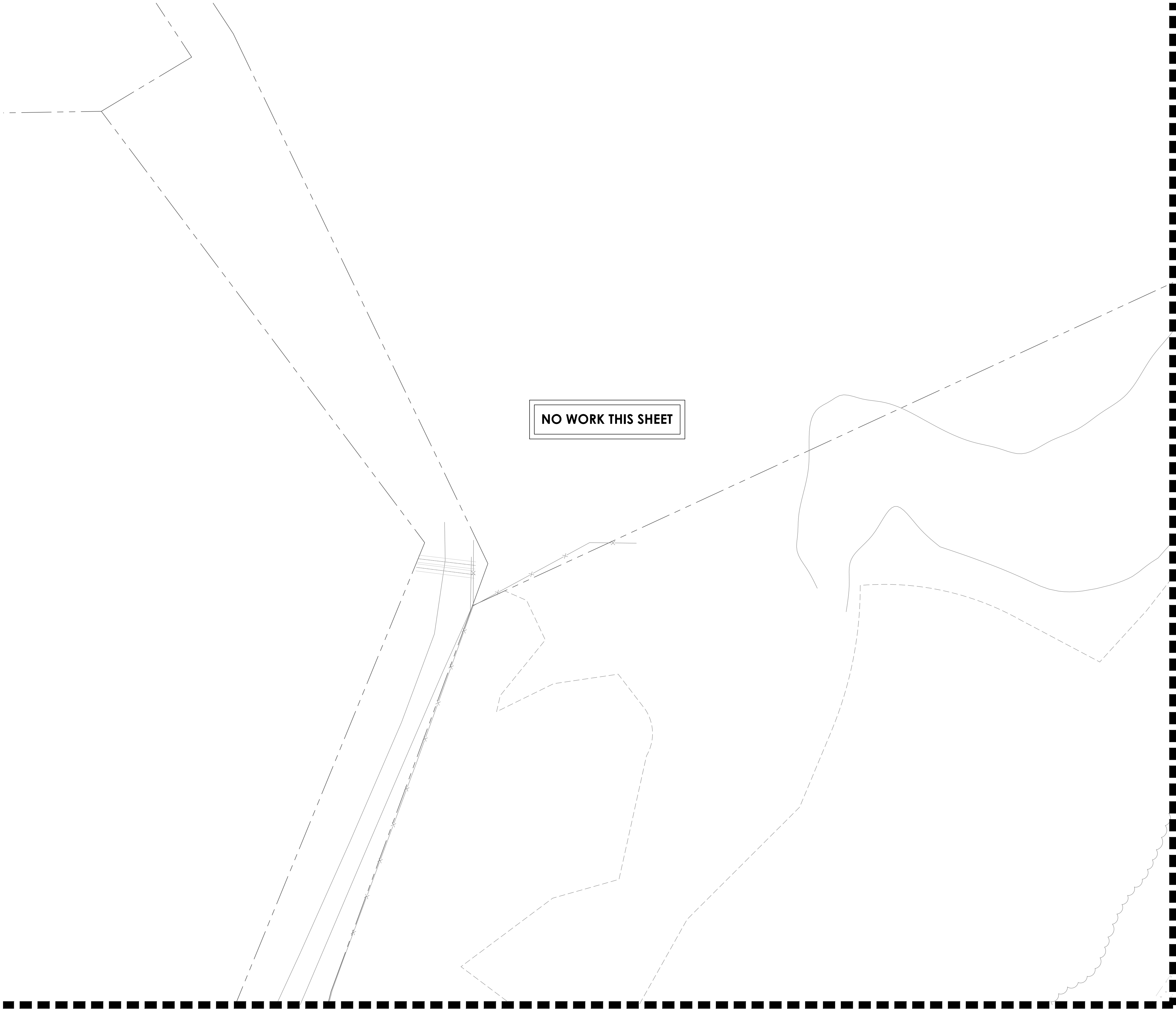
RAYMOND COMMUNITY PARK
BLOCK 1, LOT 1
WILLIAM BUTLER SURVEY, ABSTRACT NO. 112
TOWN OF PROSPER, COLLIN COUNTY, TEXAS
TOWN PROJECT #: 2122-PK



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

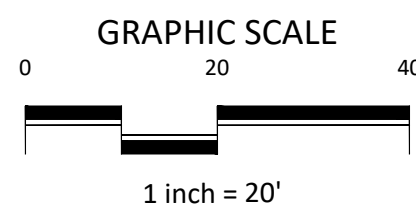
BID PACKAGE #1 BID PACKAGE #2

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



MATCHLINE (SEE SHEET L5.12)

MATCHLINE (SEE SHEET L5.14)



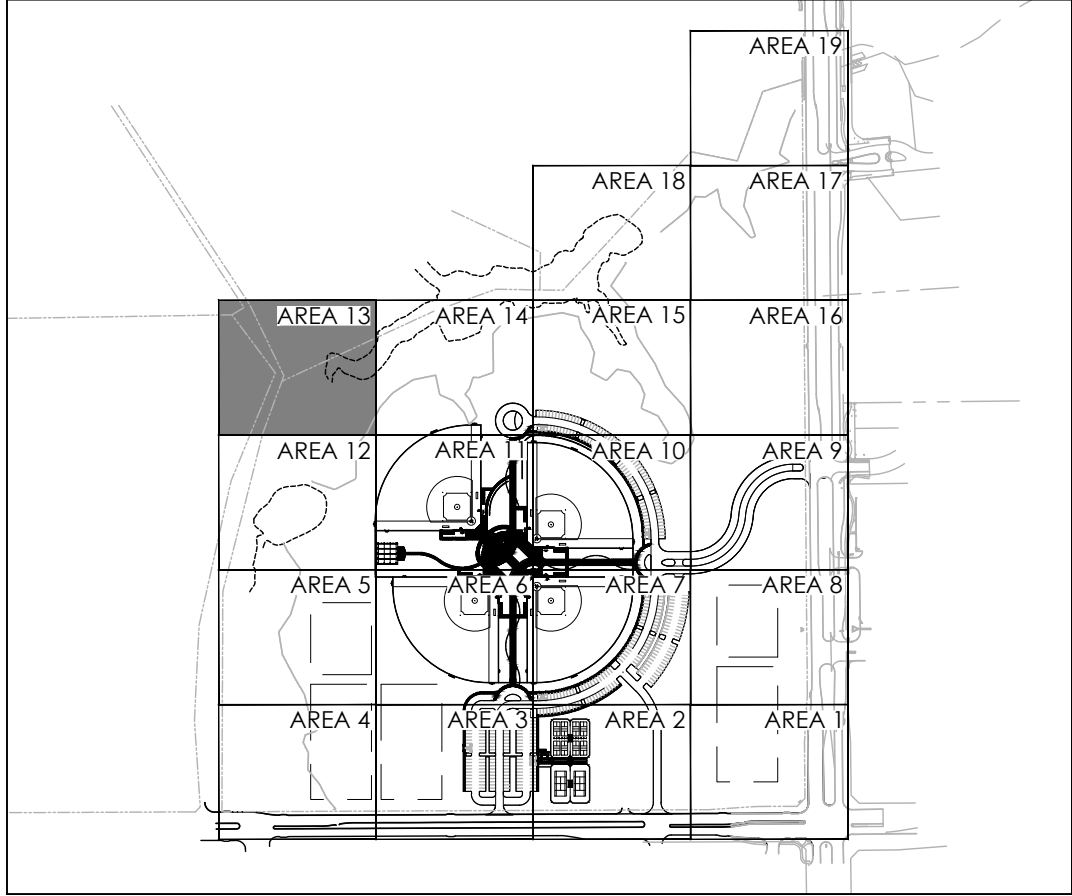
- NOTES:
- ALL PIPE 3" AND LARGER NEEDS TO BE GASKETED PIPE WITH MJ DUCTILE IRON FITTINGS AND CONCRETE THRUST BLOCKS. THE SYSTEM WILL REQUIRE A MINIMUM OF TWO AIR RELIEF VALVE TO BE FIELD LOCATED.

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



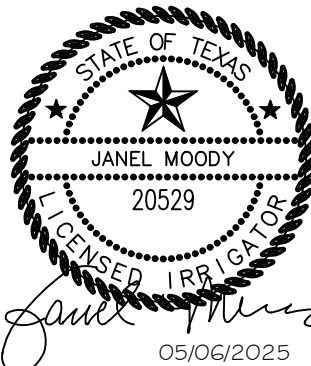
7 8

VALVE CALLOUT NUMBERS
HAVE BEEN UPDATED

IRRIGATION PLAN - AREA 13

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: | L5.13 |

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

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)

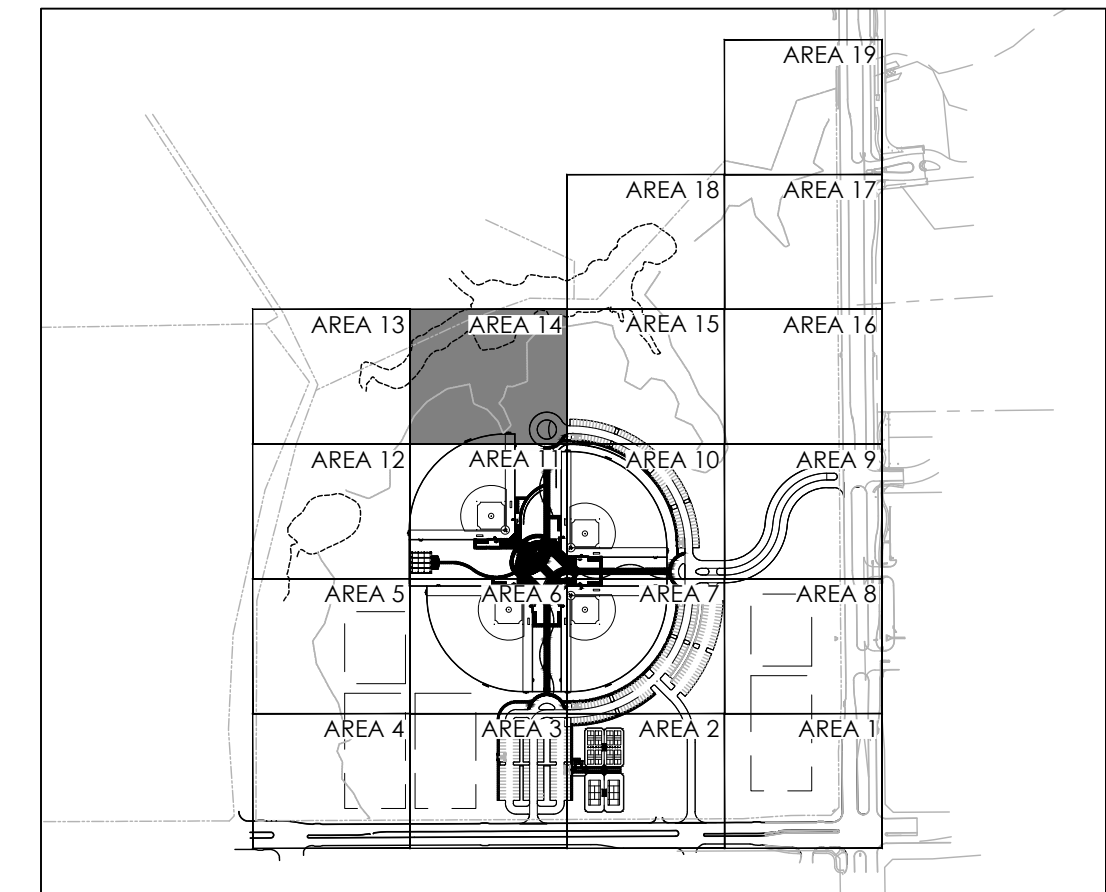
- NOTES:
- ALL PIPE 3" AND LARGER NEEDS TO BE GASKETED PIPE WITH MJ DUCTILE IRON FITTINGS AND CONCRETE THRUST BLOCKS.
 - THE SYSTEM WILL REQUIRE A MINIMUM OF TWO AIR RELIEF VALVE TO BE FIELD LOCATED.

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 | | 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 14

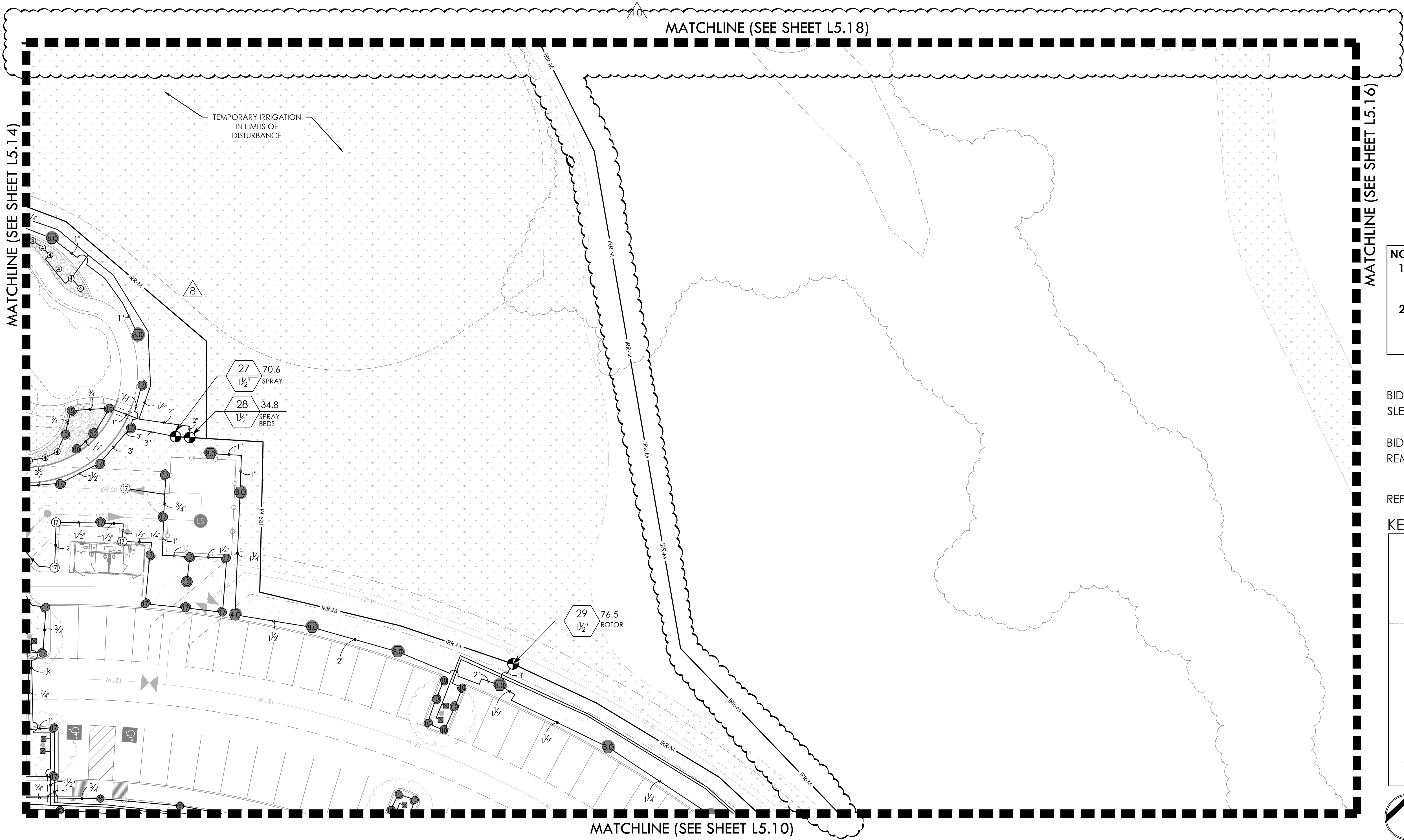
DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
PH: 817.741.1144

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: | L5.14 |

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

8

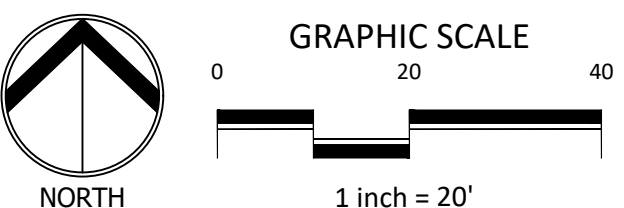
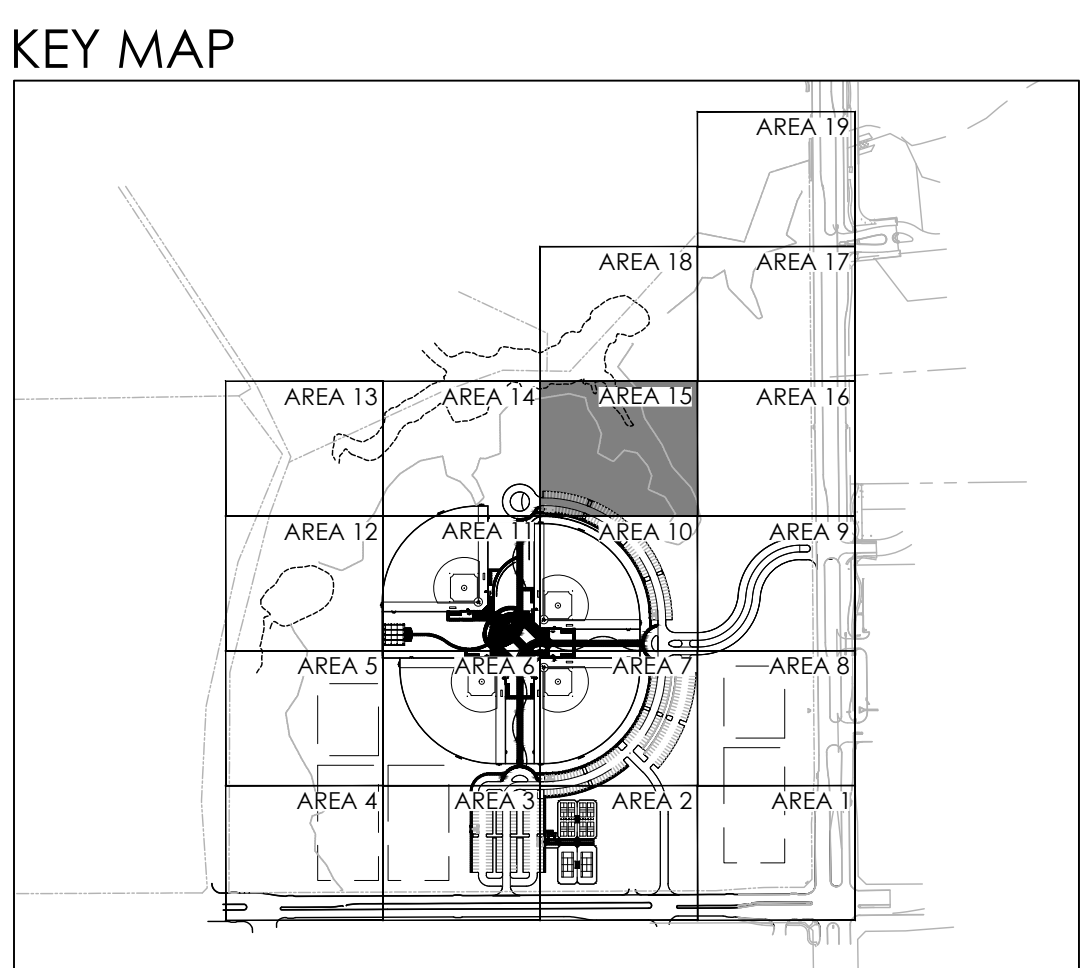
VALVE CALLOUT NUMBERS
HAVE BEEN UPDATED

- 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 | | 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 15

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

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

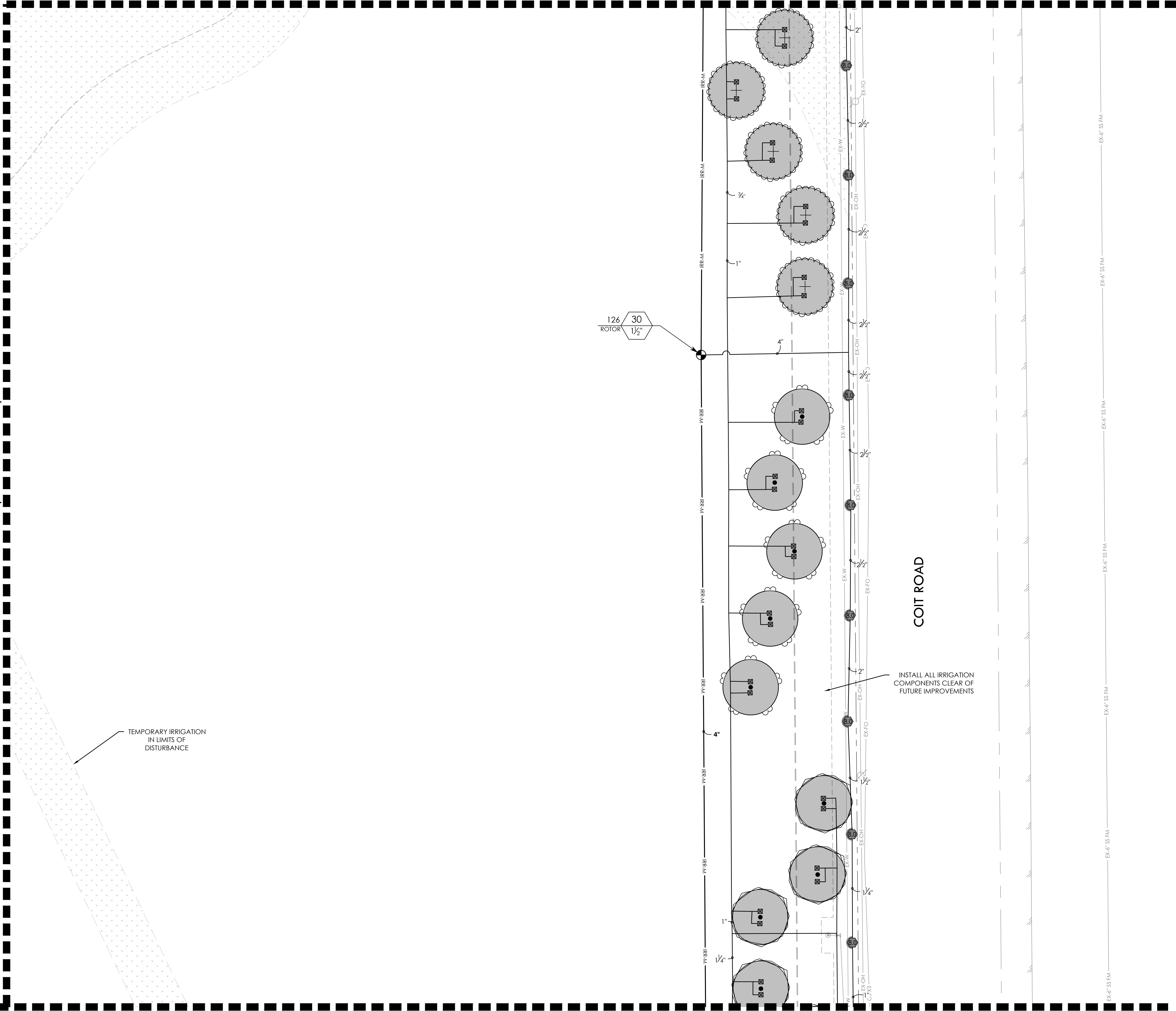
BID PACKAGE #1
BID PACKAGE #2

FULL PATH: P:\070601\7691.001\PA\Drawings\Plan Sheets\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

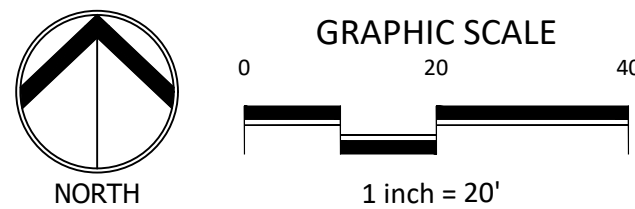
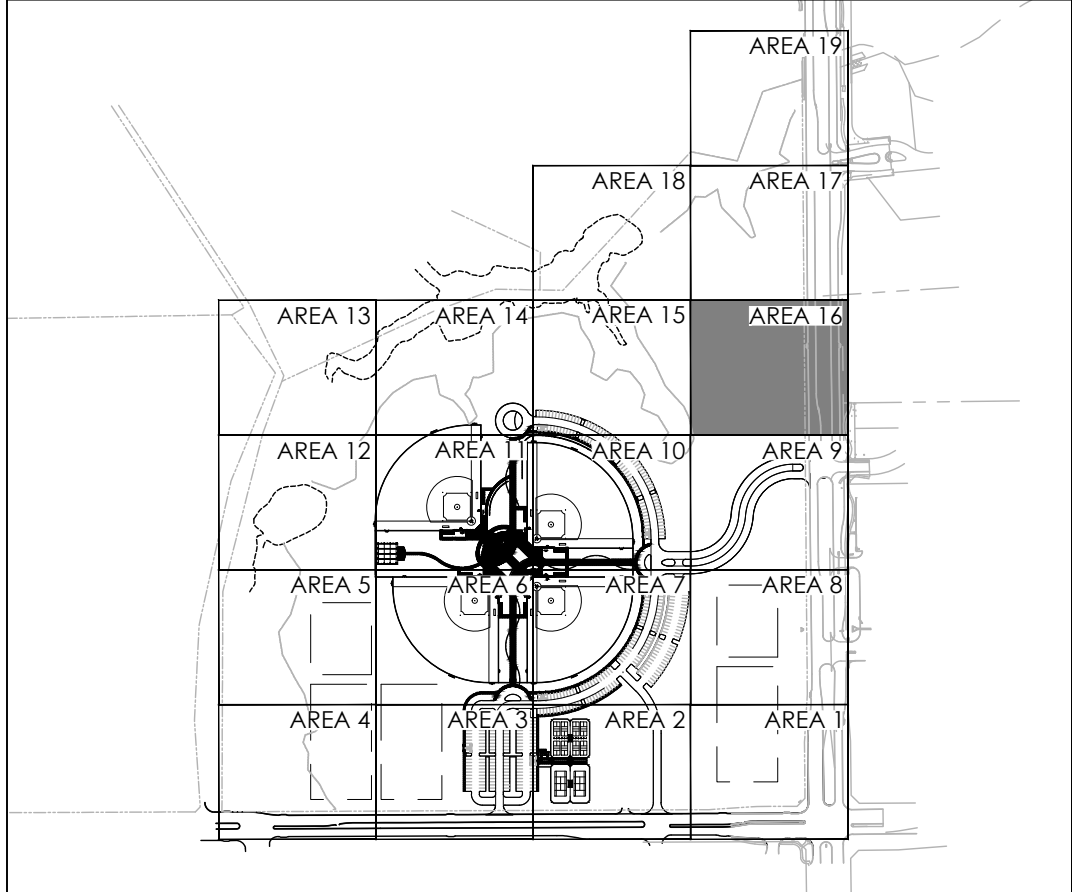
- NOTES:
1. ALL PIPE 3" AND LARGER NEEDS TO BE GASKETED PIPE WITH MJ DUCTILE IRON FITTINGS AND CONCRETE THRUST BLOCKS.
 2. THE SYSTEM WILL REQUIRE A MINIMUM OF TWO AIR RELIEF VALVE TO BE FIELD LOCATED.

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 | |

IRRIGATION PLAN - AREA 16

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

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
FILENAME: 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

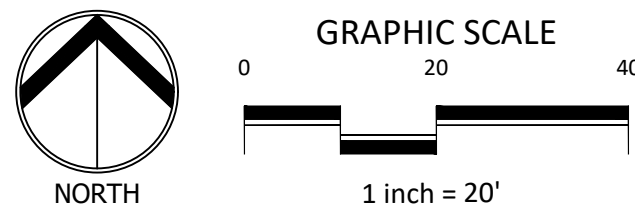
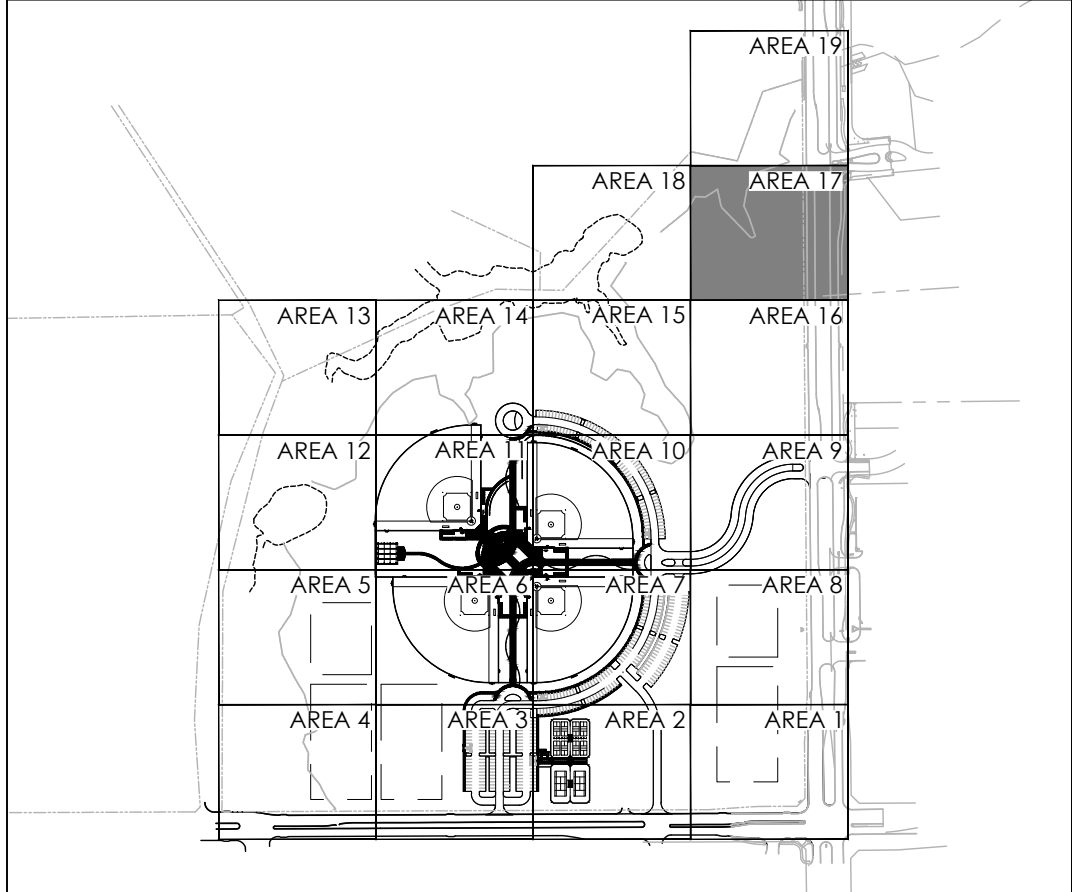
- NOTES:
- ALL PIPE 3" AND LARGER NEEDS TO BE GASKETED PIPE WITH MJ DUCTILE IRON FITTINGS AND CONCRETE THRUST BLOCKS.
 - THE SYSTEM WILL REQUIRE A MINIMUM OF TWO AIR RELIEF VALVE TO BE FIELD LOCATED.

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



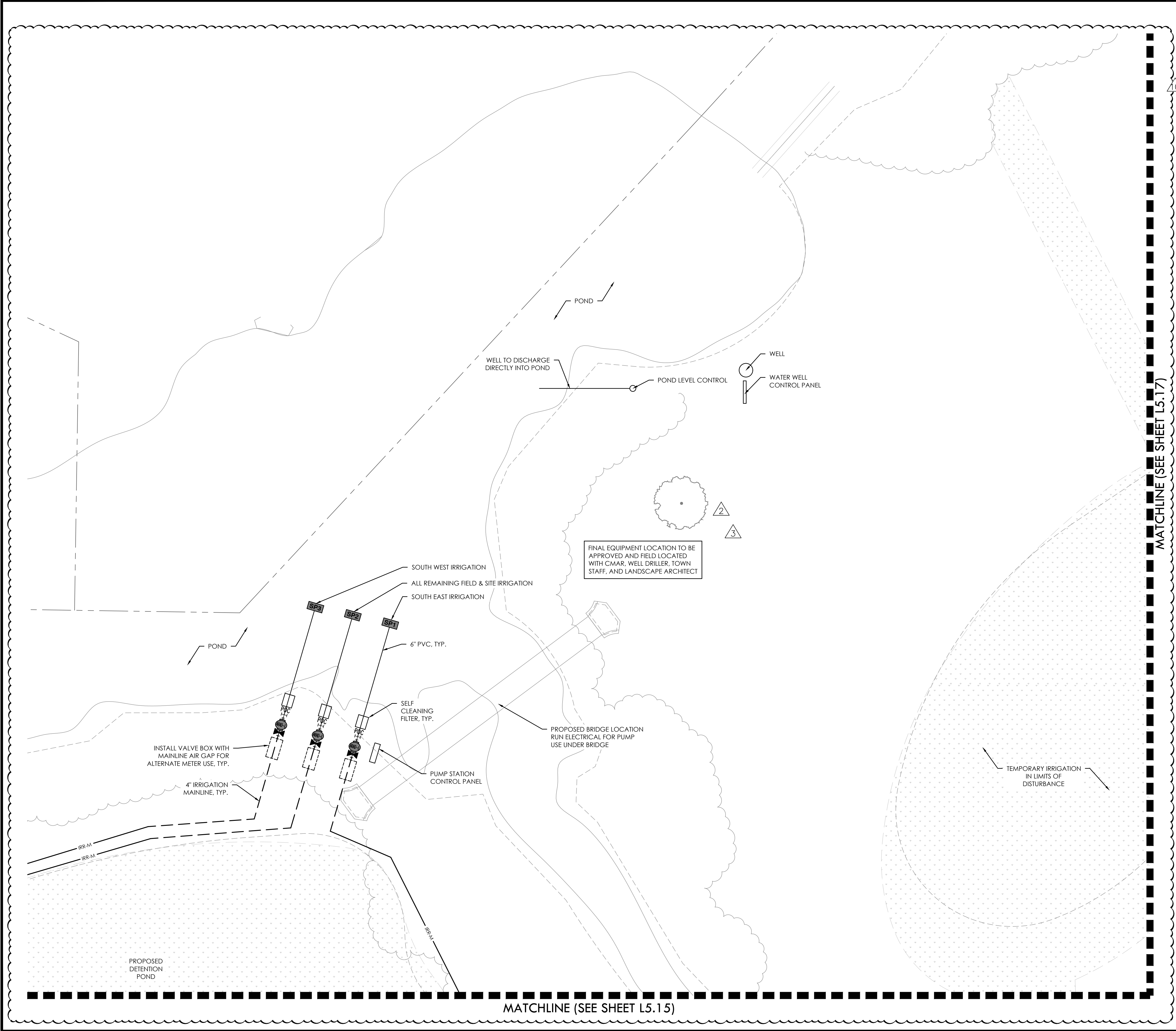
| | |
|--------------|-------------|
| JOB NO. | 7691.001 |
| DESIGNED BY: | JMM |
| DRAWN BY: | JMM |
| CHECKED BY: | KLS |
| DATE: | MAY 6, 2025 |
| SHEET: | L5.17 |

| 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:\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

1

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 18

RAYMOND COMMUNITY PARK
BLOCK 1, LOT 1

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

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

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

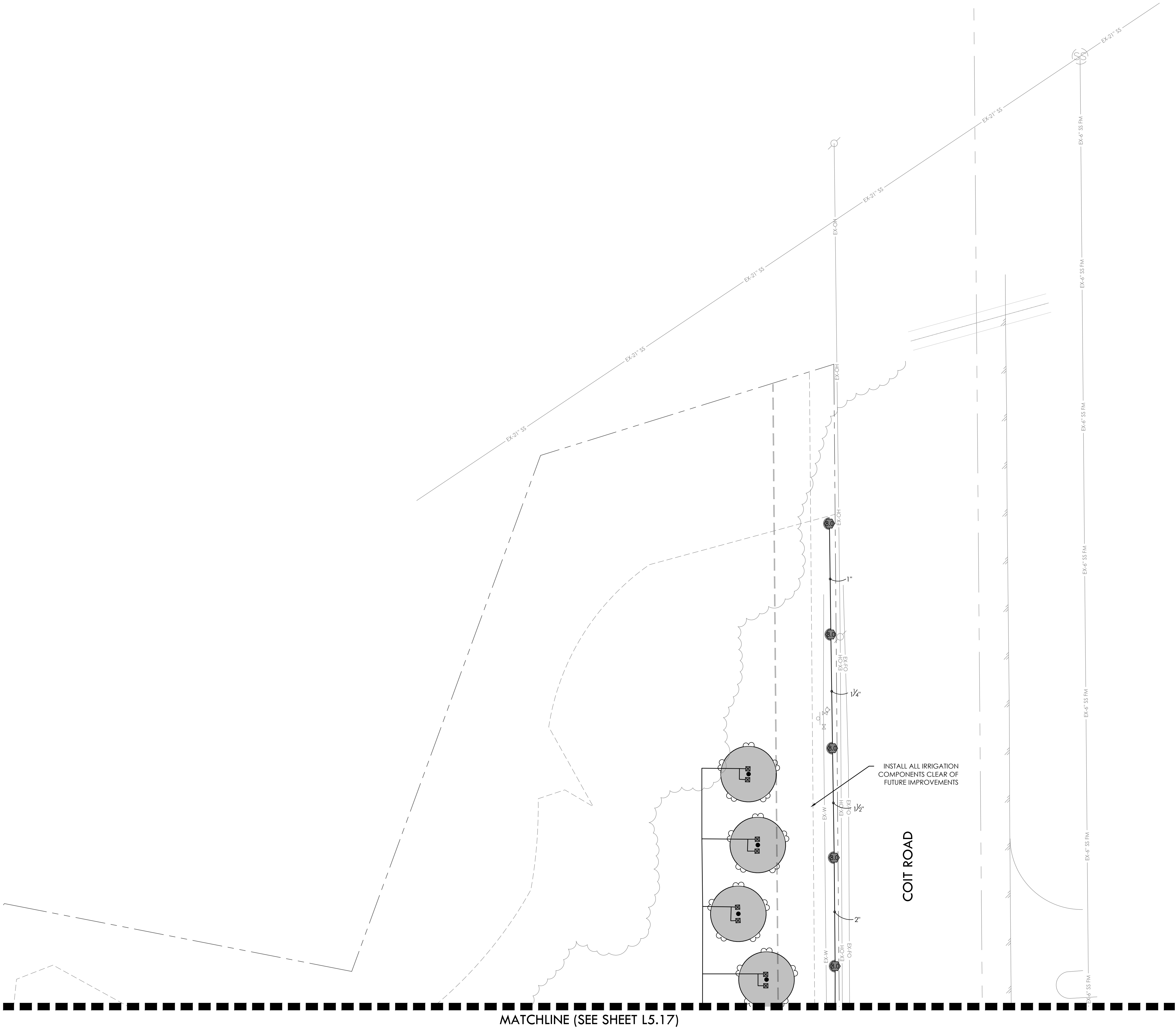
DATE: MAY 6, 2025

SHEET: L5.18

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

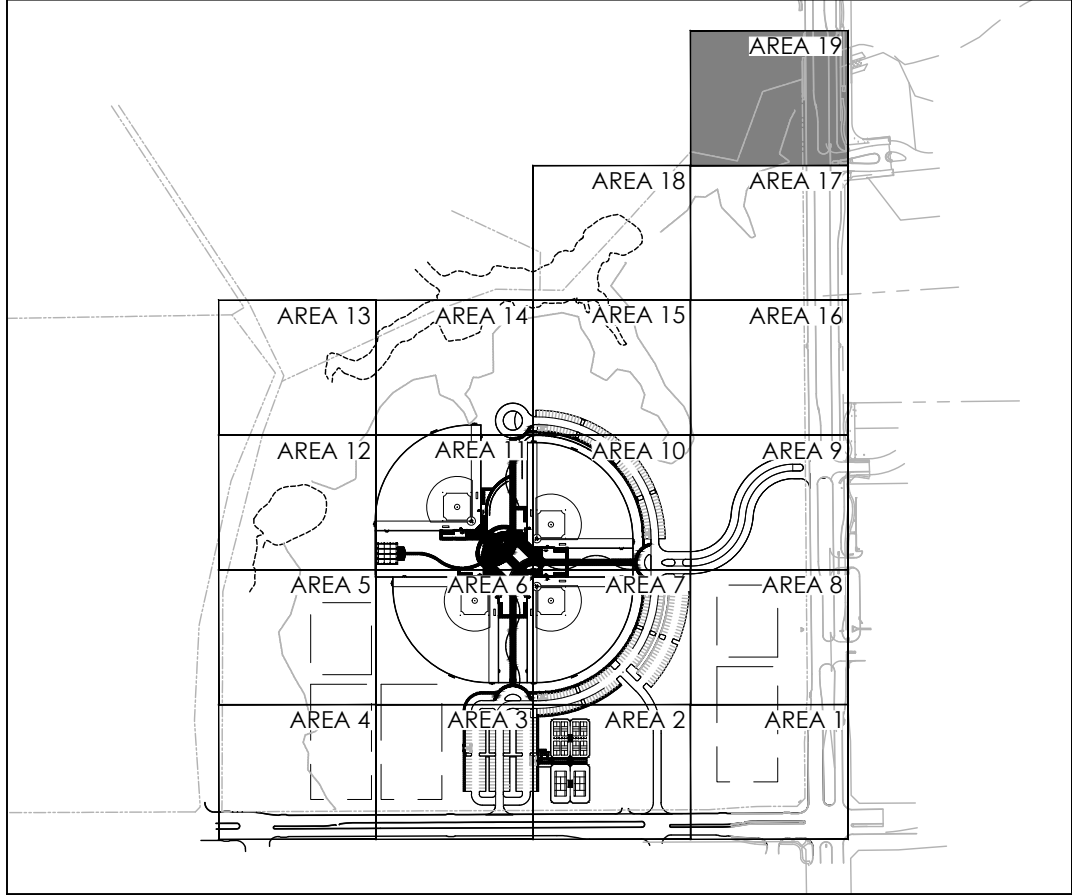
- NOTES:
- ALL PIPE 3" AND LARGER NEEDS TO BE GASKETED PIPE WITH MJ DUCTILE IRON FITTINGS AND CONCRETE THRUST BLOCKS.
 - THE SYSTEM WILL REQUIRE A MINIMUM OF TWO AIR RELIEF VALVE TO BE FIELD LOCATED.

BID PACKAGE #1:
SLEEVING FOR PARKING AND FIRELANES ONLY

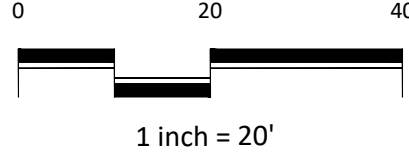
BID PACKAGE #2:
REMAINING SITE CONCRETE SLEEVING

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: 817.741.1114



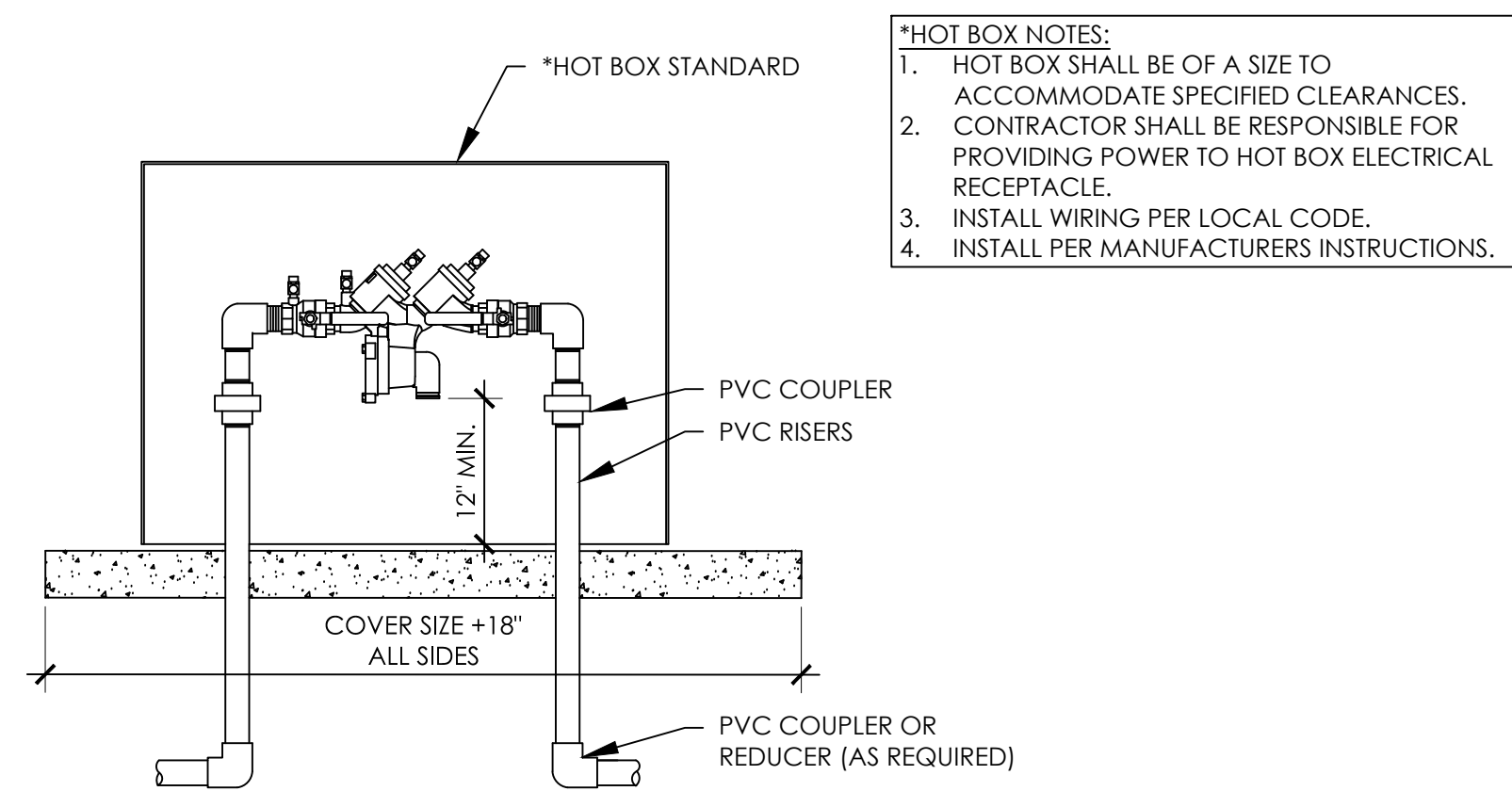
| | |
|--------------|-------------|
| JOB NO. | 7691.001 |
| DESIGNED BY: | JMM |
| DRAWN BY: | JMM |
| CHECKED BY: | KLS |
| DATE: | MAY 6, 2025 |
| SHEET: | L5.19 |

BID PACKAGE #1 BID PACKAGE #2

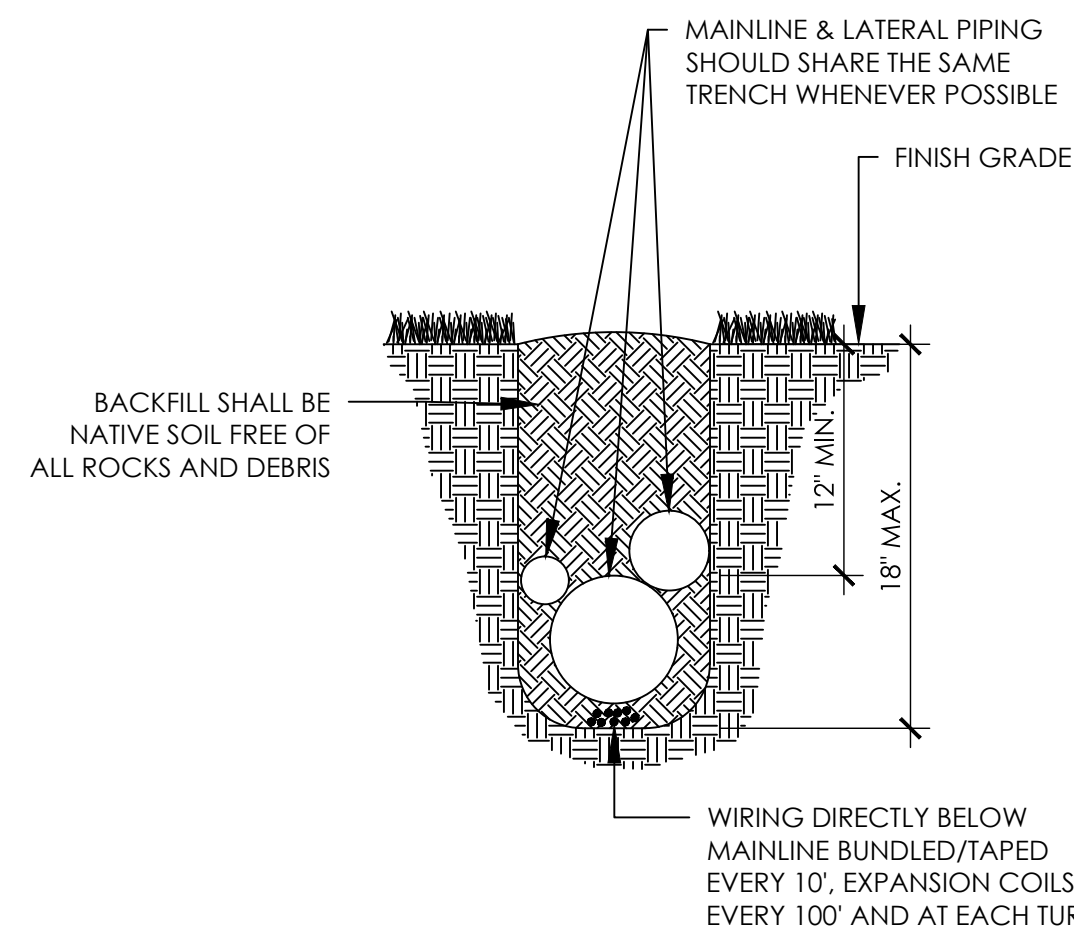
3. IRRIGATION PLAN IS SCHEMATIC. ALL PIPING HEADS, VALVES, ETC. SHALL BE LOCATED AS SHOWN ON DETAILS. REPORT ANY DISCREPANCIES BETWEEN ACTUAL AND PROPOSED SITE CONDITIONS TO THE OWNER. DO NOT PROCEED WITH WORK UNTIL SAID DISCREPANCIES ARE RESOLVED.
2. VERIFY THAT THE WORK OF OTHER CONTRACTORS/TRADES 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 DOWNSSTREAM 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.

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.

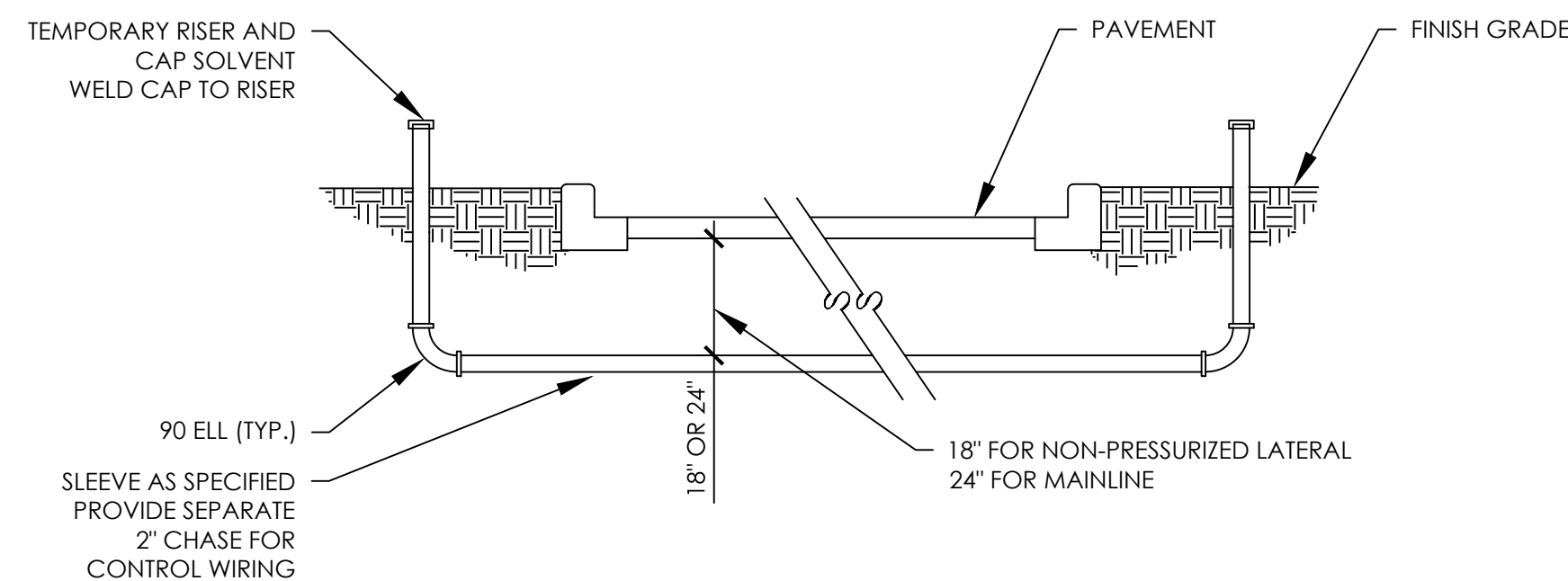
1. AIR RELIEF VALVE TO BE PLACED AT HIGH POINT IN BED.
2. FLUSH VALVE TO BE PLACED AT LOW POINT IN BED ON EXHAUST LINE.
3. THESE LAYOUTS ARE TYPICAL AND ARE SUBJECT TO CHANGE DUE TO SITE CONDITIONS SUCH AS GRADING.
4. IRRIGATION LATERAL LINES FEED SUPPLY HEADERS.



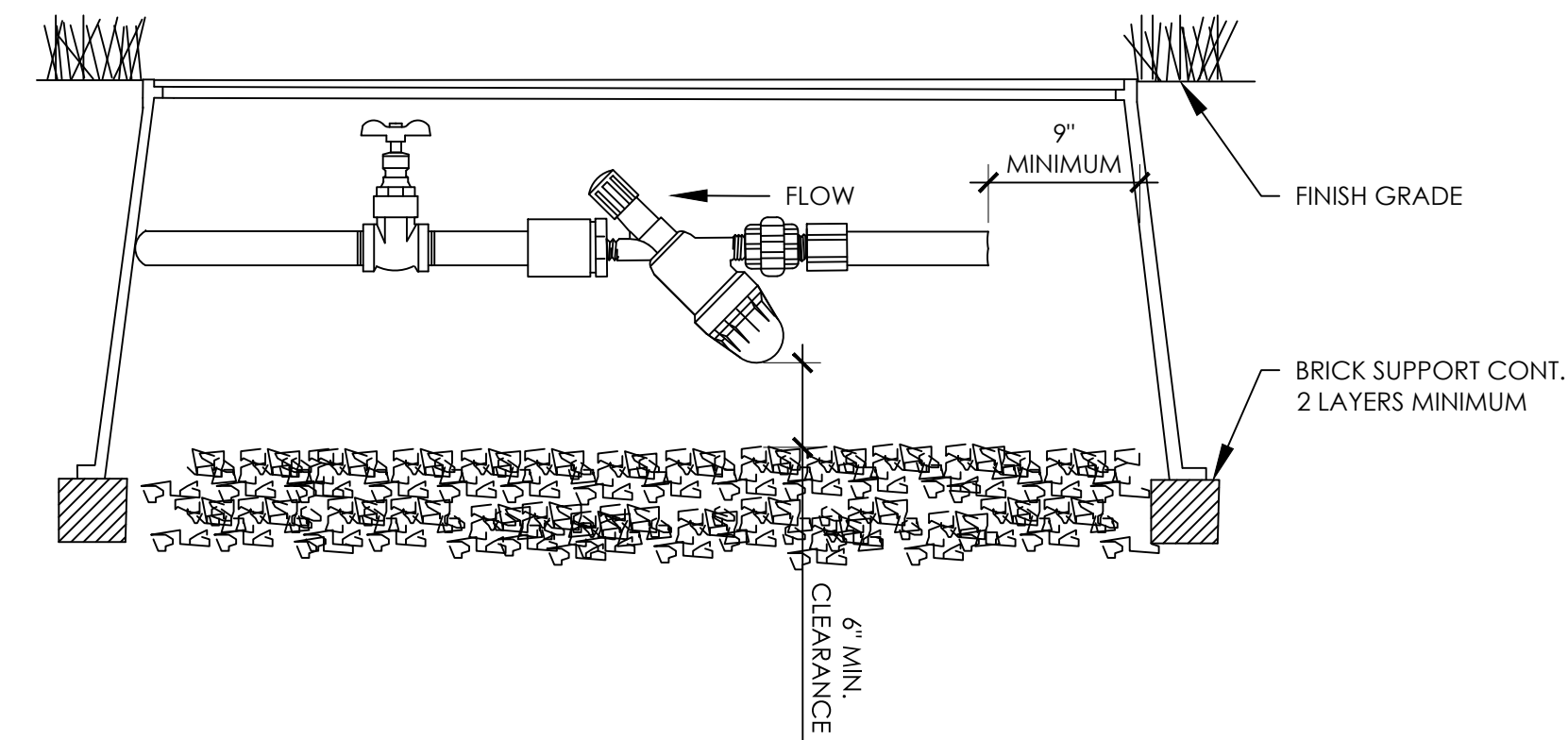
A **REDUCED PRESSURE ZONE ASSEMBLY** SCALE: NTS



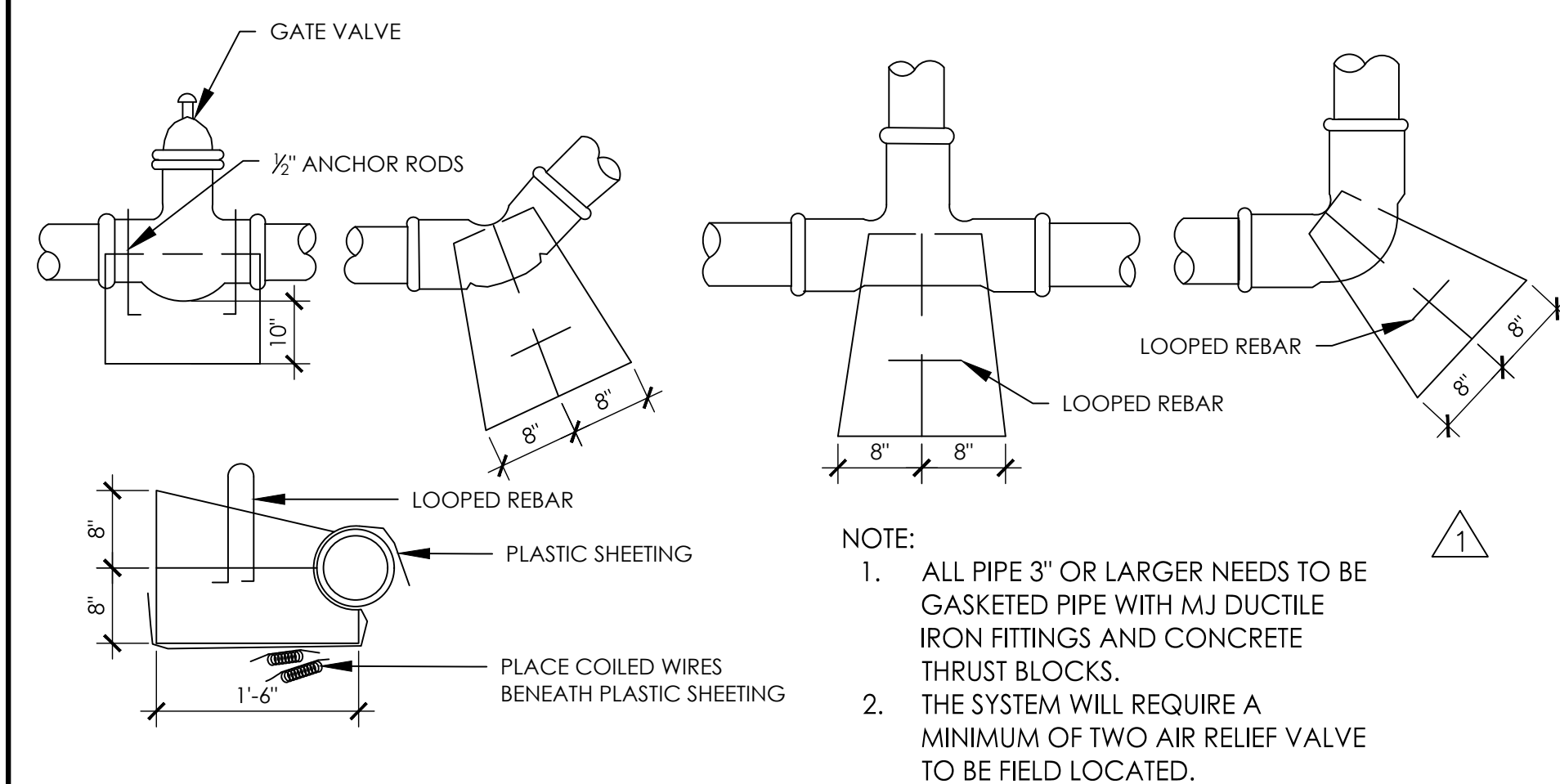
C **TYPICAL TRENCH SECTION**



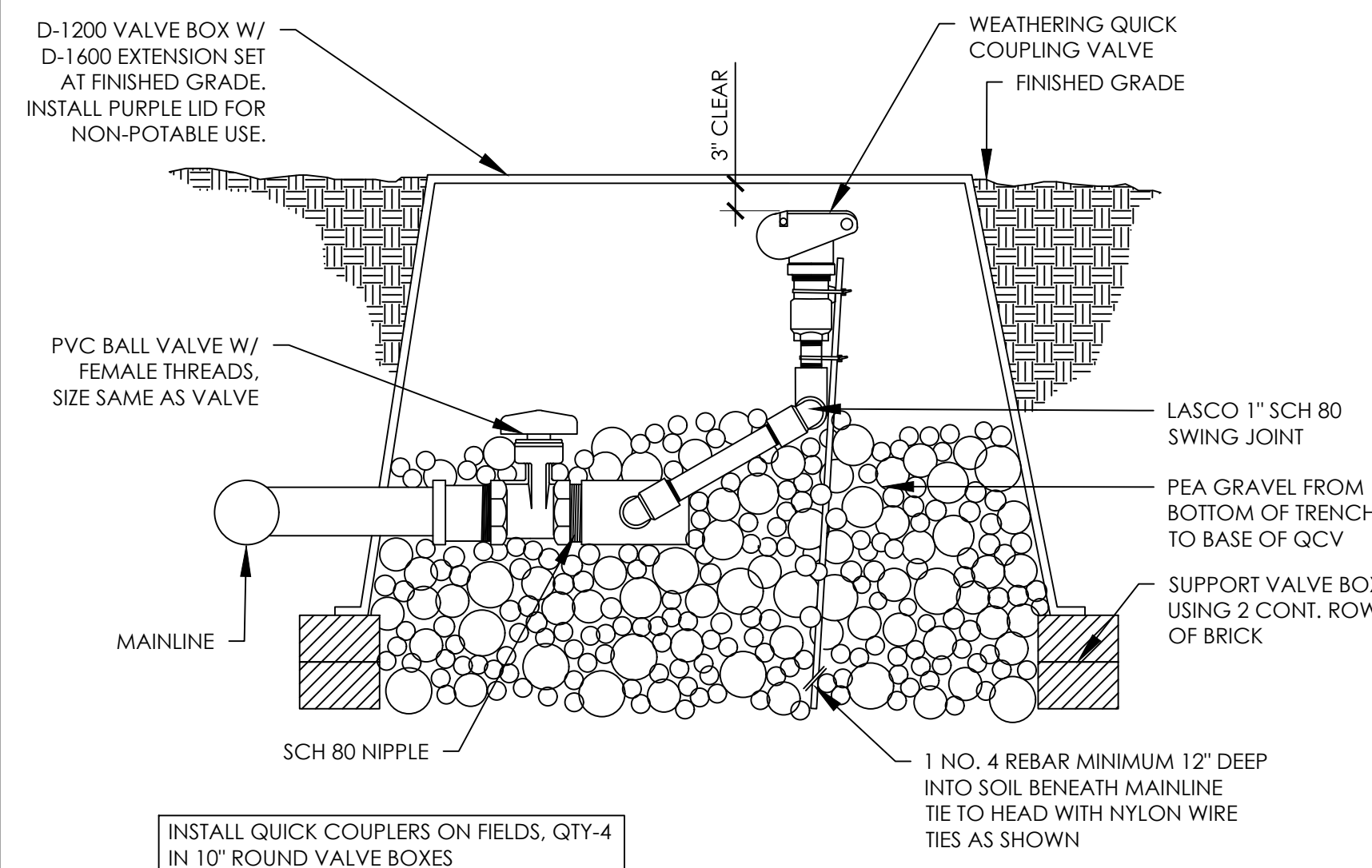
F SLEEVE INSTALLATION



B WYE STRAINER SCALE: NTS



THRUST BLOCK FOR 3" OR LARGER



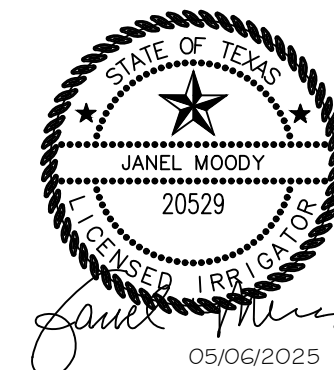
QUICK COUPLING VALVE

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

IRRIGATION NOTES & DETAILS

DUNAWAY
550 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 #2192-PK1



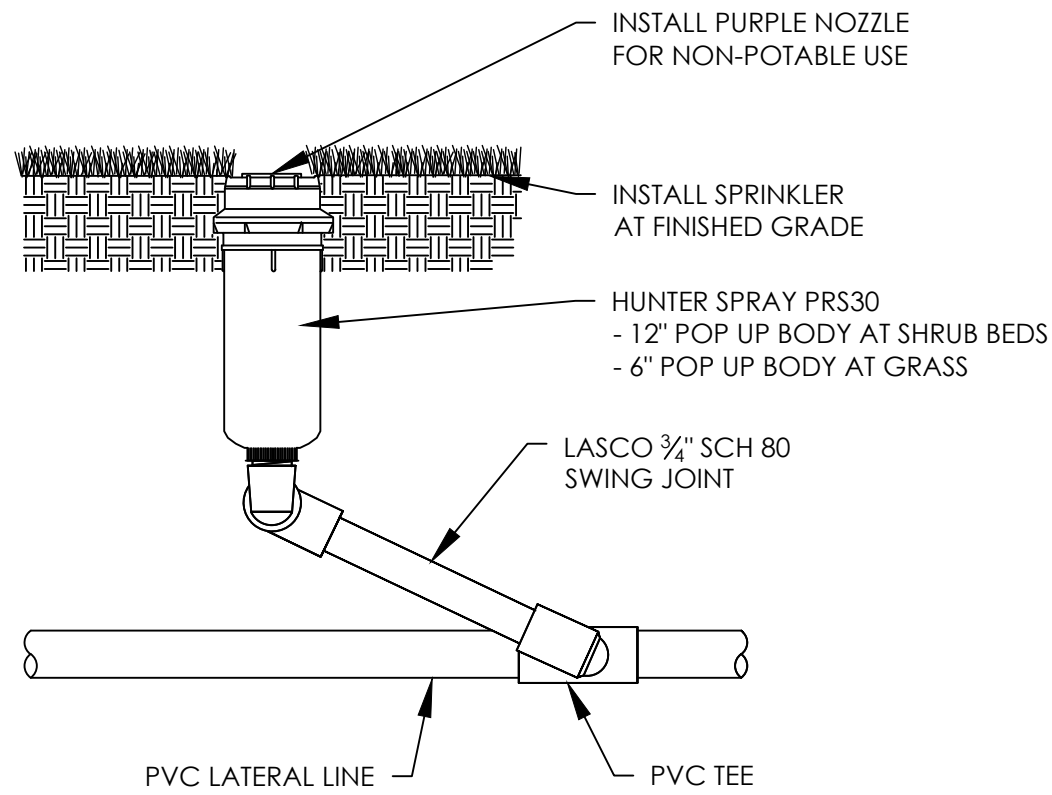
| | |
|--------------|-------------|
| JOB NO. | 7691.001 |
| DESIGNED BY: | JMM |
| DRAWN BY: | JMM |
| CHECKED BY: | KLS |
| DATE: | MAY 6, 2025 |
| SHEET: | |

L5.20

BID PACKAGE #1

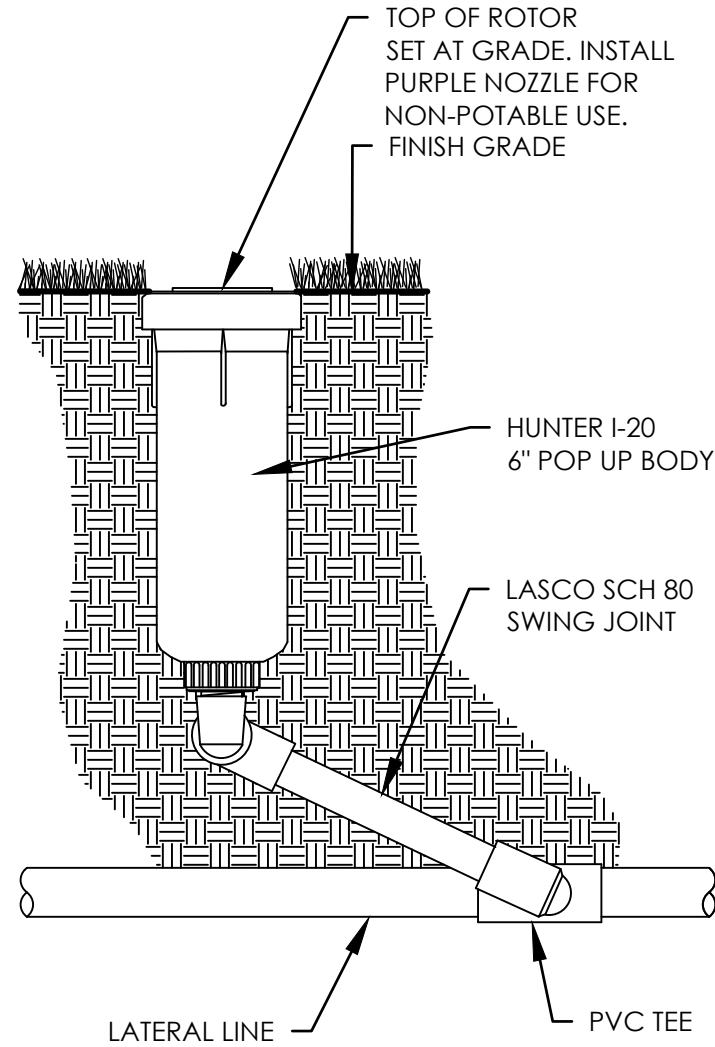
FILE PATH: P:\070601\7691\001\PA\Drawings\Prop Sheet\7691-Irrigation Plan

PLDWNAME: 7691-Irrigation Plan.dwg
PLOTED ON: Monday, July 21, 2025



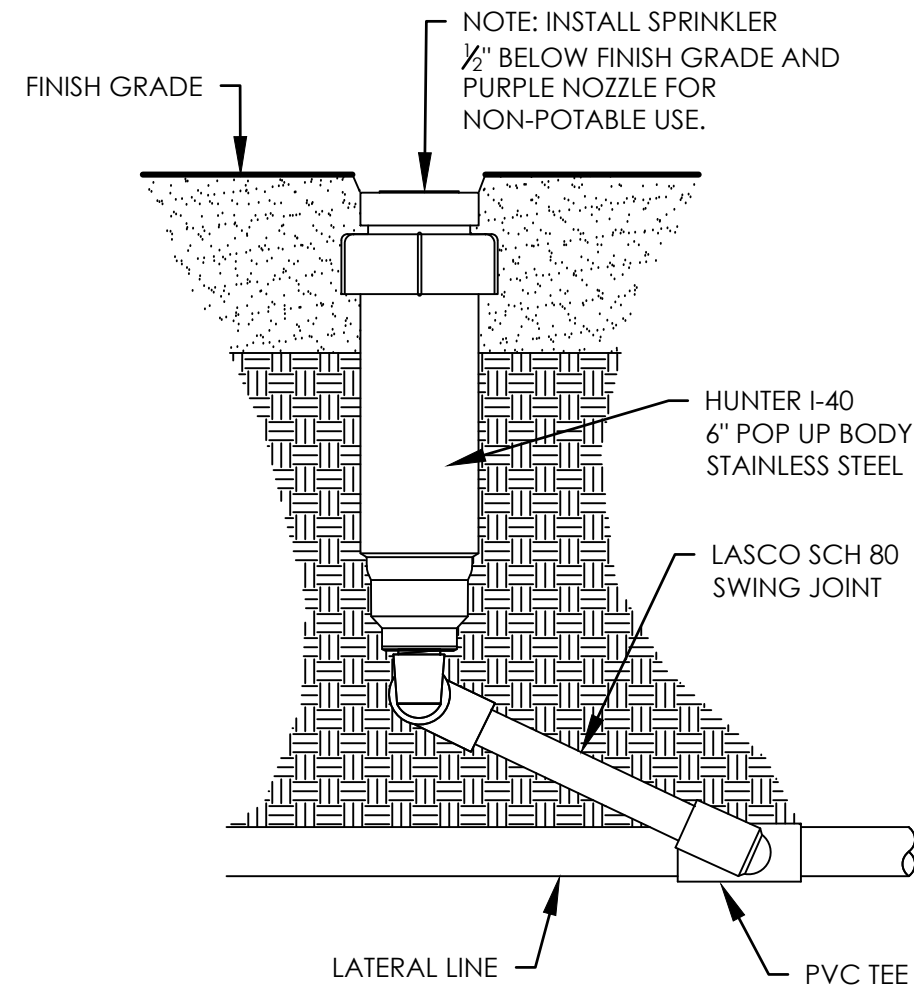
A SPRAY HEAD

DETAIL PROVIDED BY TOWN
SCALE: NTS



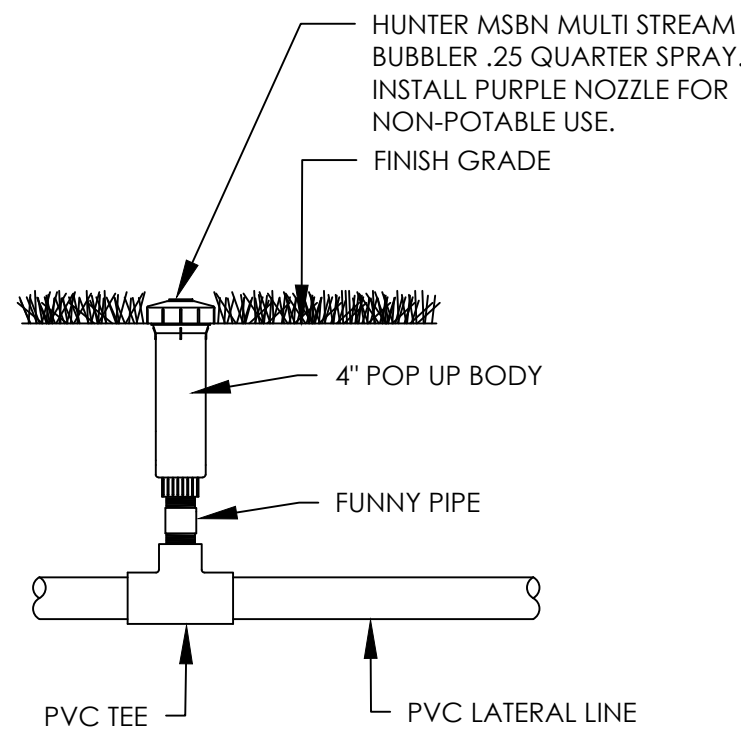
B ROTOR HEAD

DETAIL PROVIDED BY TOWN
SCALE: NTS



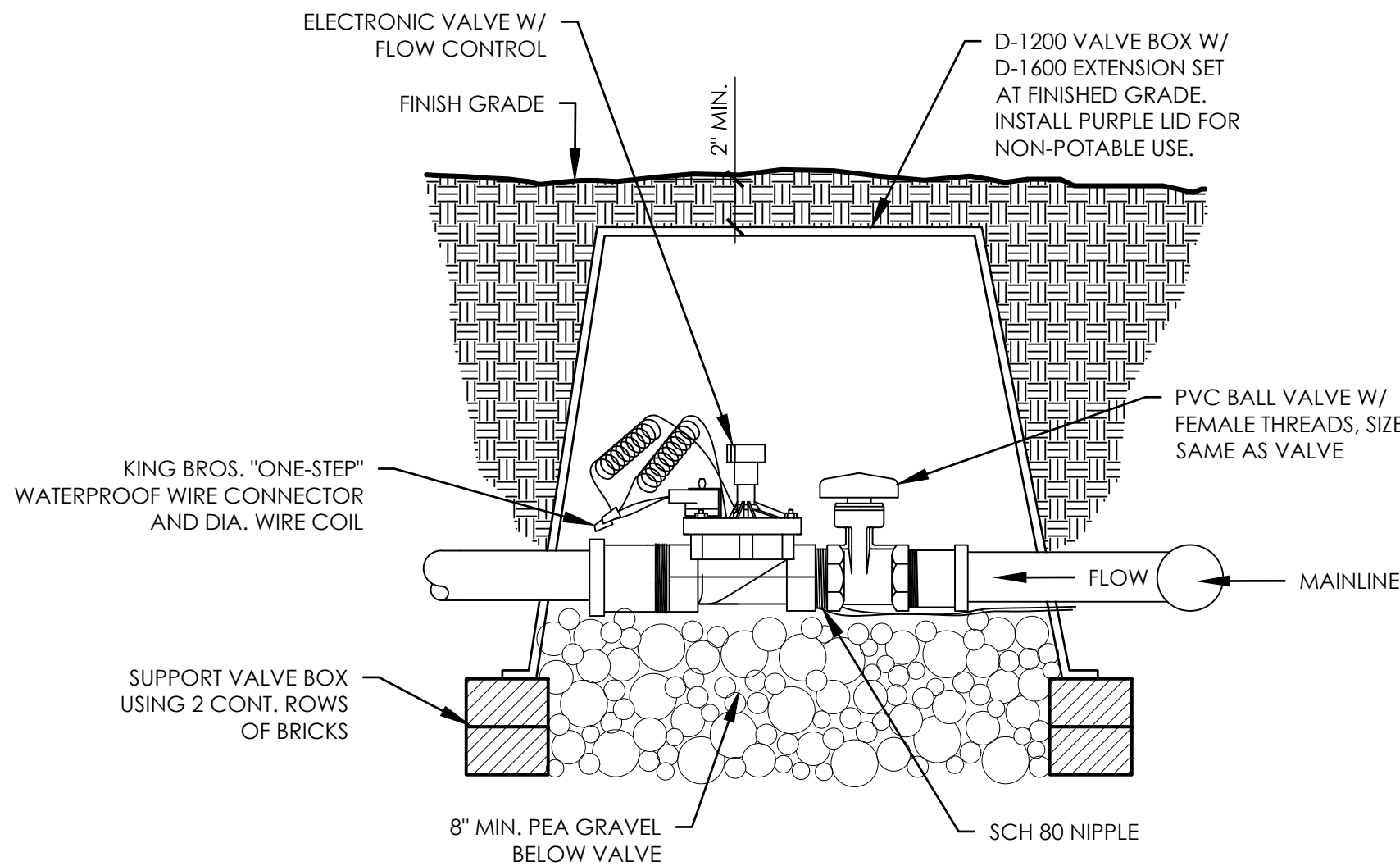
C BALL FIELD ROTOR

DETAIL PROVIDED BY TOWN
SCALE: NTS



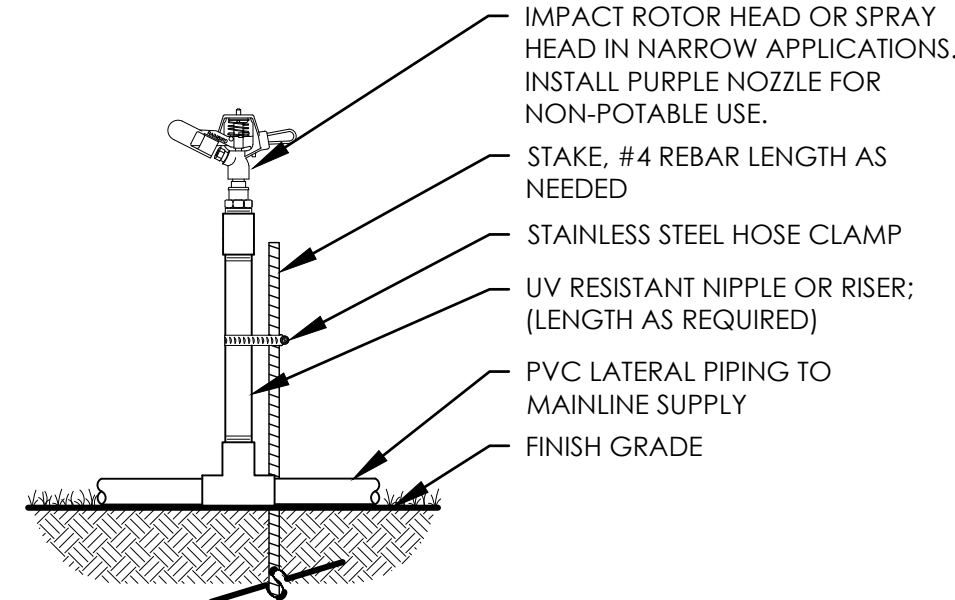
D POP UP BUBBLER

DETAIL PROVIDED BY TOWN
SCALE: NTS



E ELECTRIC REMOTE CONTROL VALVE

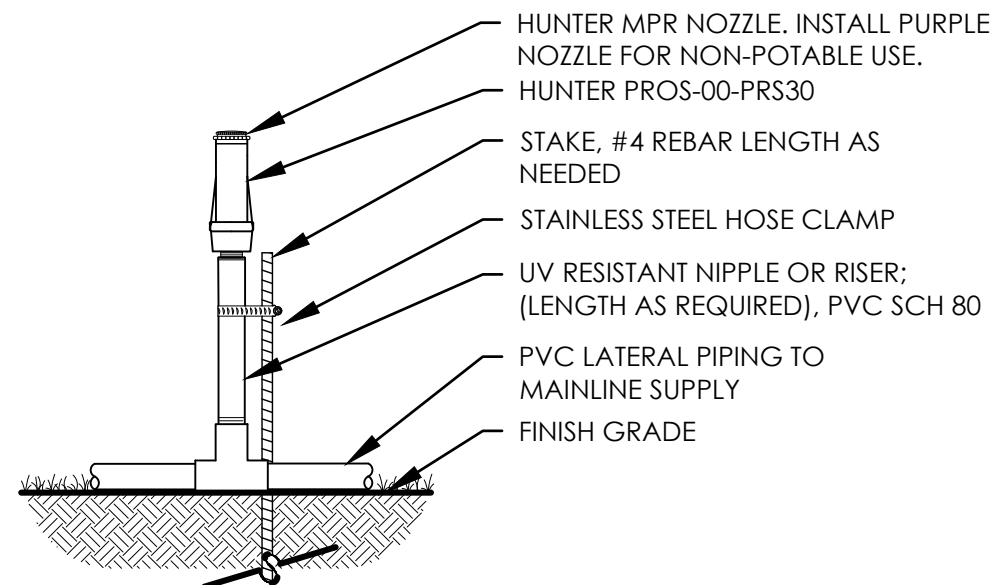
DETAIL PROVIDED BY TOWN
SCALE: NTS



- NOTES:
1. TEMPORARY IRRIGATION SYSTEM SHALL BE INSTALLED BY A TEXAS STATE LICENSED IRRIGATOR.
 2. ALL COVERAGE SHALL BE HEAD TO HEAD.
 3. SYSTEM SHALL BE DESIGNED TO AVOID ANY OVERSPRAY ONTO SIDEWALKS AND STREETS.
 4. TEMPORARY IRRIGATION SYSTEM ZONE VALVES SHALL BE HUNTER NODE CONTROLLER. CONTRACTOR SHALL CLUSTER VALVE LOCATIONS WHERE POSSIBLE TO COMBINE ZONES ON MULTIPLE VALVE CONTROLLERS (NODE-200, NODE-400, ETC...)
 5. CONTRACTOR SHALL VERIFY ON-SITE AND BY CONSULTING WITH LANDSCAPE ARCHITECT AREAS THAT WILL REQUIRE TEMPORARY IRRIGATION PRIOR TO INSTALLATION OF SYSTEM.
 6. USE #4 REBAR ROD TO HOLD PIPE SECURELY IN PLACE. INSTALL AT INTERVALS AS REQUIRED TO SECURE ROTOR HEADS.

F LARGE TURF AREA TEMP. HEAD

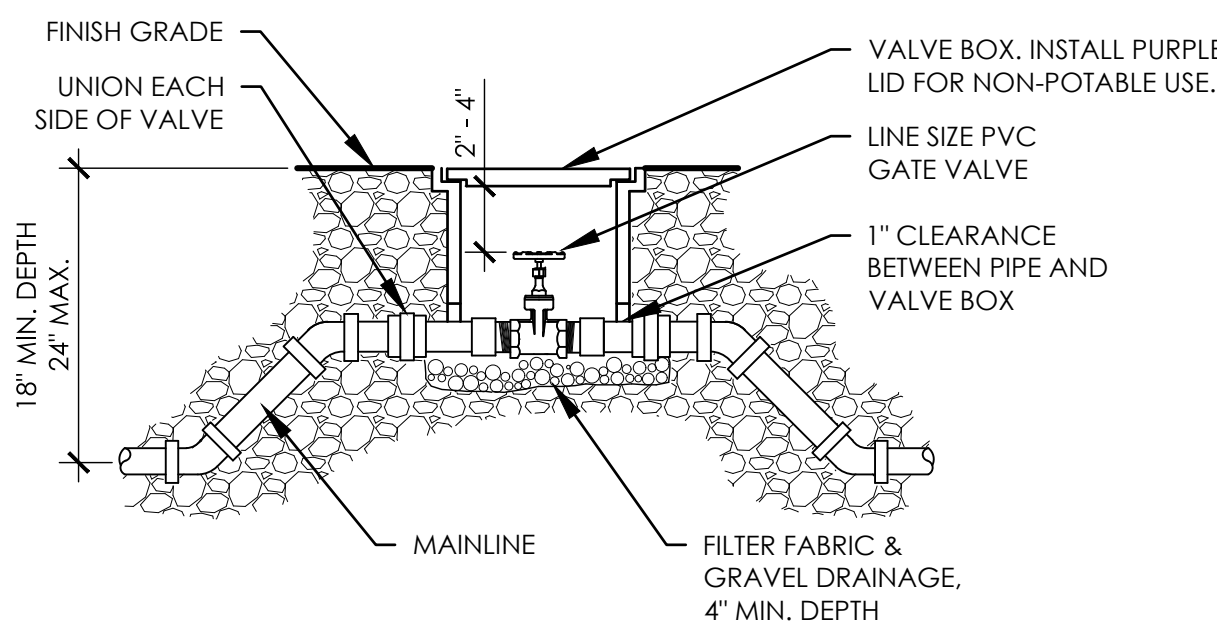
SCALE: NTS



- NOTES:
1. TEMPORARY IRRIGATION SYSTEM SHALL BE DESIGNED BY A TEXAS STATE LICENSED IRRIGATOR AND SHALL BE SUBMITTED FOR APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
 2. ALL COVERAGE SHALL BE HEAD TO HEAD.
 3. SYSTEM SHALL BE DESIGNED TO AVOID ANY OVERSPRAY ONTO SIDEWALKS AND STREETS.
 4. TEMPORARY IRRIGATION SYSTEM ZONE VALVES SHALL BE HUNTER NODE CONTROLLER VALVES. CONTRACTOR SHALL CLUSTER VALVE LOCATIONS WHERE POSSIBLE TO COMBINE ZONES ON MULTIPLE VALVE CONTROLLERS (NODE-200, NODE-400, ETC...)
 5. NO PIPING SHALL BE RUN WITHIN THE PROTECTION ZONE OF EXISTING TREES UNLESS APPROVED BY LANDSCAPE ARCHITECT.
 6. CONTRACTOR SHALL VERIFY ON-SITE AND BY CONSULTING WITH LANDSCAPE ARCHITECT AREAS THAT WILL REQUIRE TEMPORARY IRRIGATION PRIOR TO DESIGN AND INSTALLATION OF SYSTEM.
 7. USE #4 X 24" REBAR ROD WITH "J" HOOKED RADIUS AT ONE END TO HOLD PIPE SECURELY IN PLACE. INSTALL AT INTERVALS OF 10 FEET.

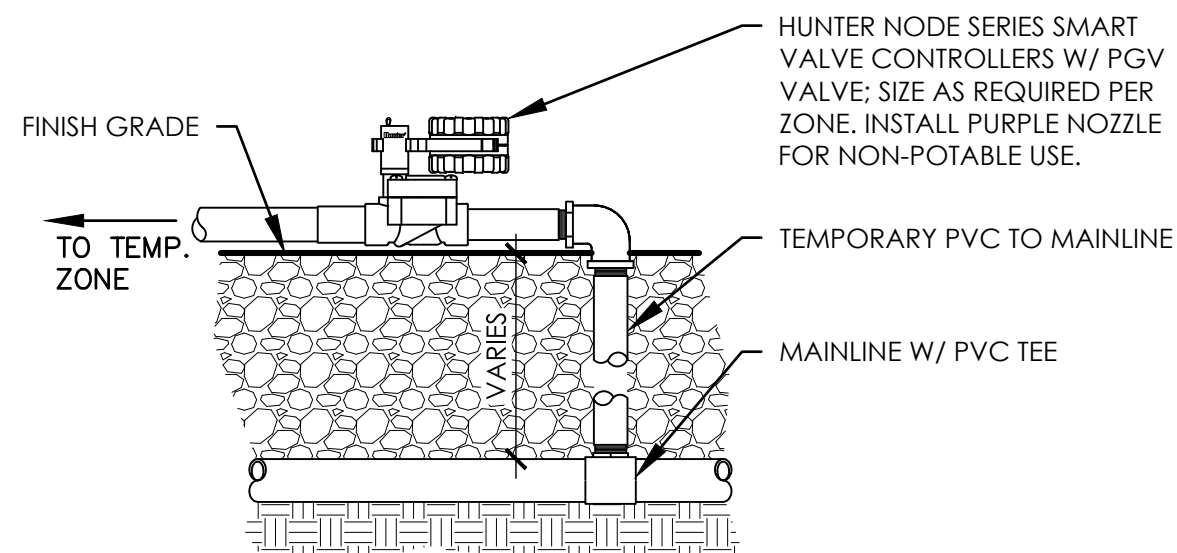
G SMALL TURF AREA TEMP. HEAD

SCALE: NTS



H MANUAL ISOLATION VALVE

SCALE: NTS



I TEMPORARY CONTROLLER/VALVE

SCALE: NTS

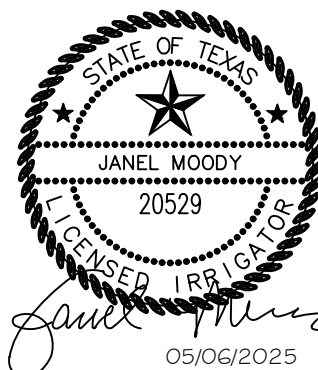
REVISIONS

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

IRRIGATION DETAILS

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

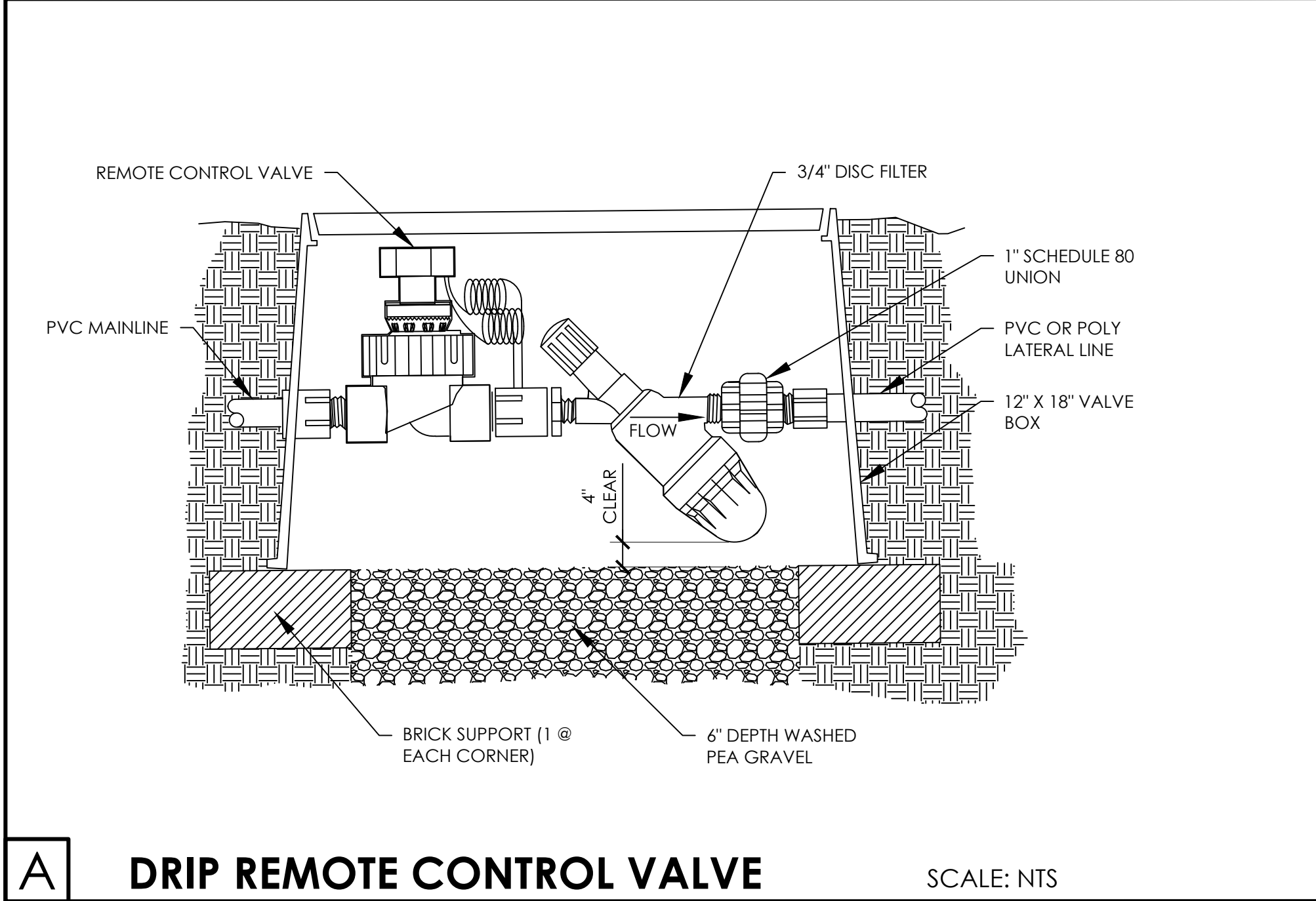
RAYMOND COMMUNITY PARK
BLOCK 1, LOT 1
WILLIAM BUTLER SURVEY, ABSTRACT NO. 112
TOWN OF PROSPER, COLLIN COUNTY, TEXAS
TOWN PROJECT #:2122-PK



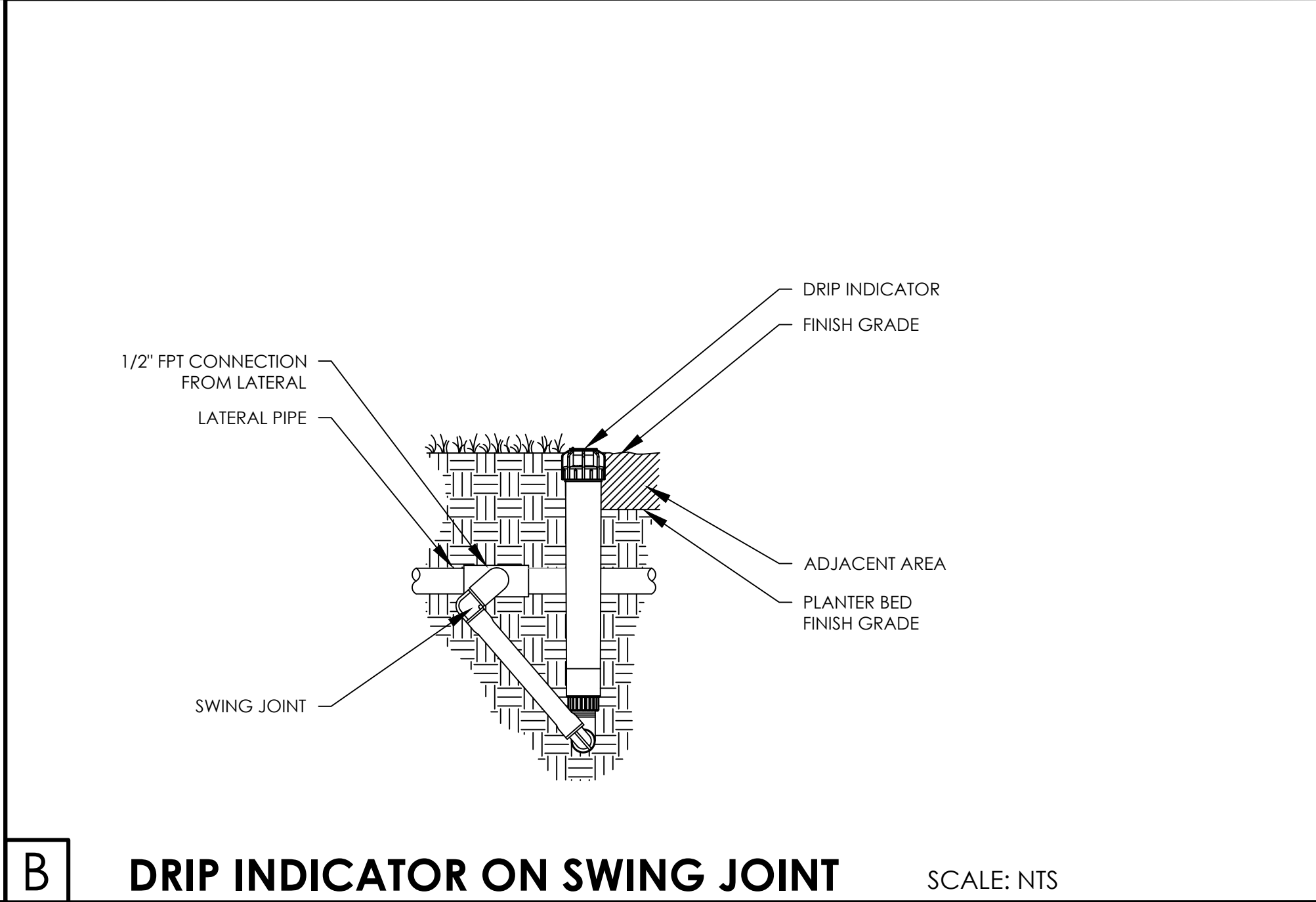
| | |
|--------------|-------------|
| JOB NO. | 7691.001 |
| DESIGNED BY: | JMM |
| DRAWN BY: | JMM |
| CHECKED BY: | KLS |
| DATE: | MAY 6, 2025 |
| SHEET: | L5.21 |

BID PACKAGE #2

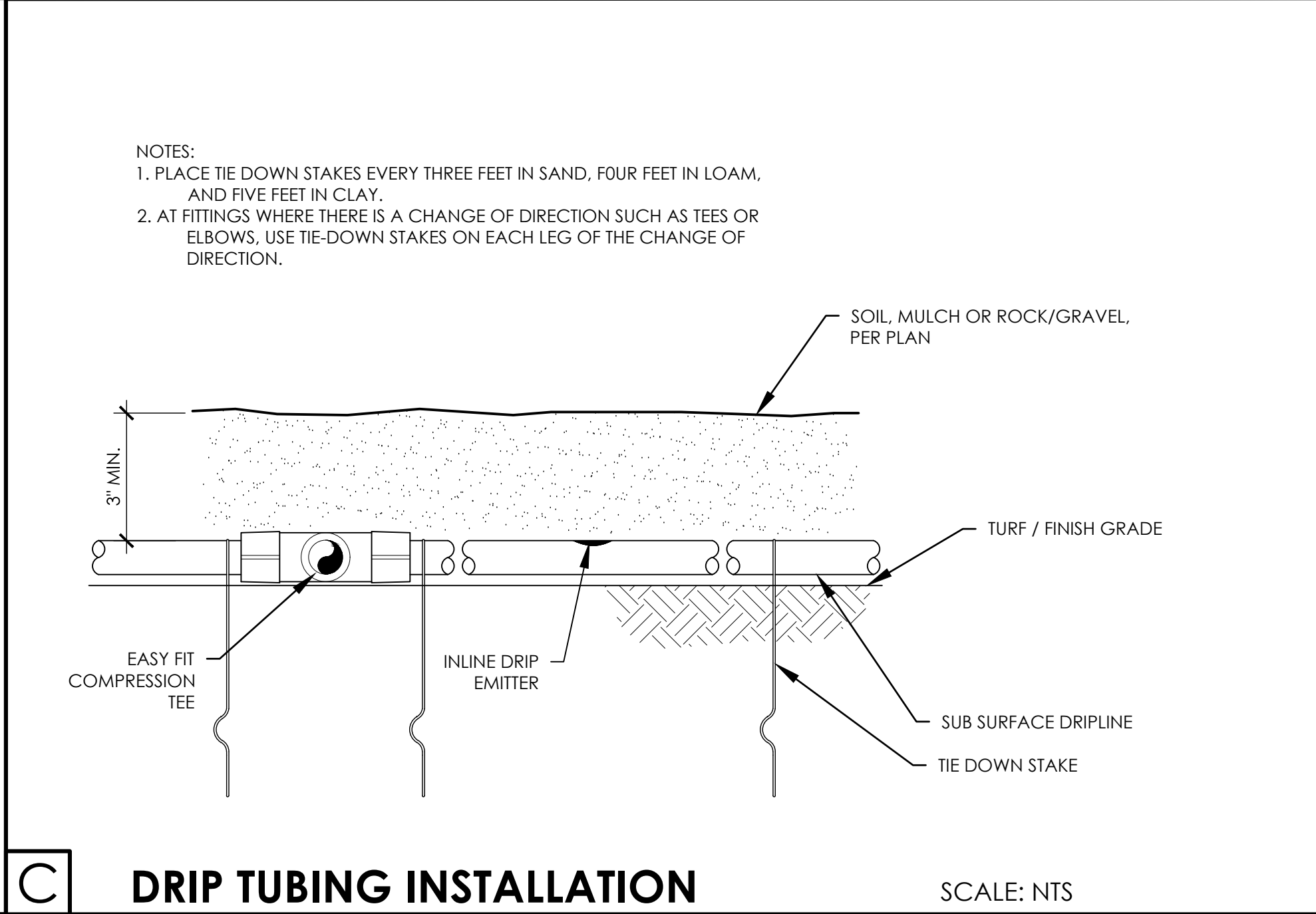
FILE NAME: 7691 Irrigation Plan.dwg
PLOT DATE: 05/06/2025
PLOT BY: JMM



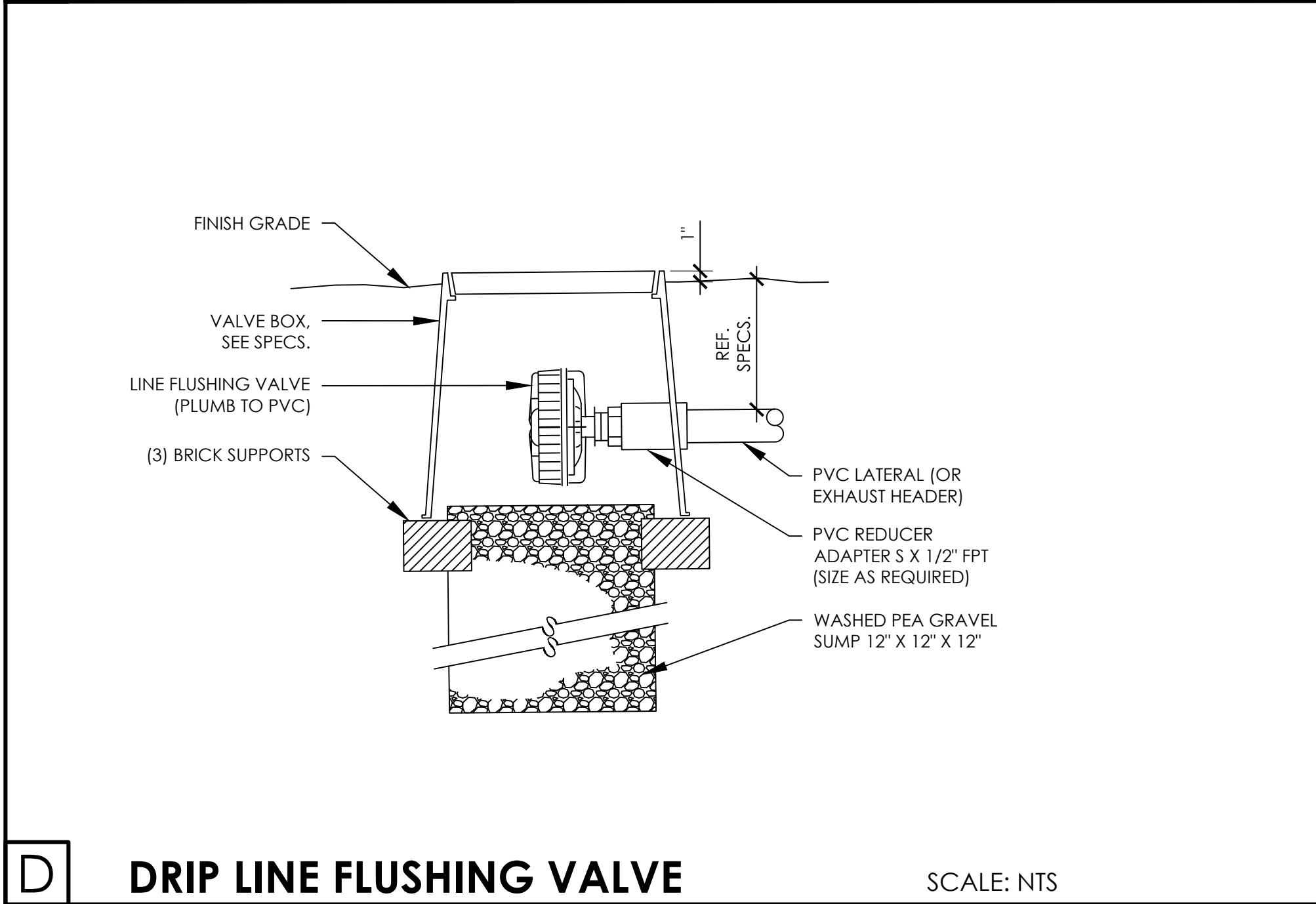
A DRIP REMOTE CONTROL VALVE SCALE: NTS



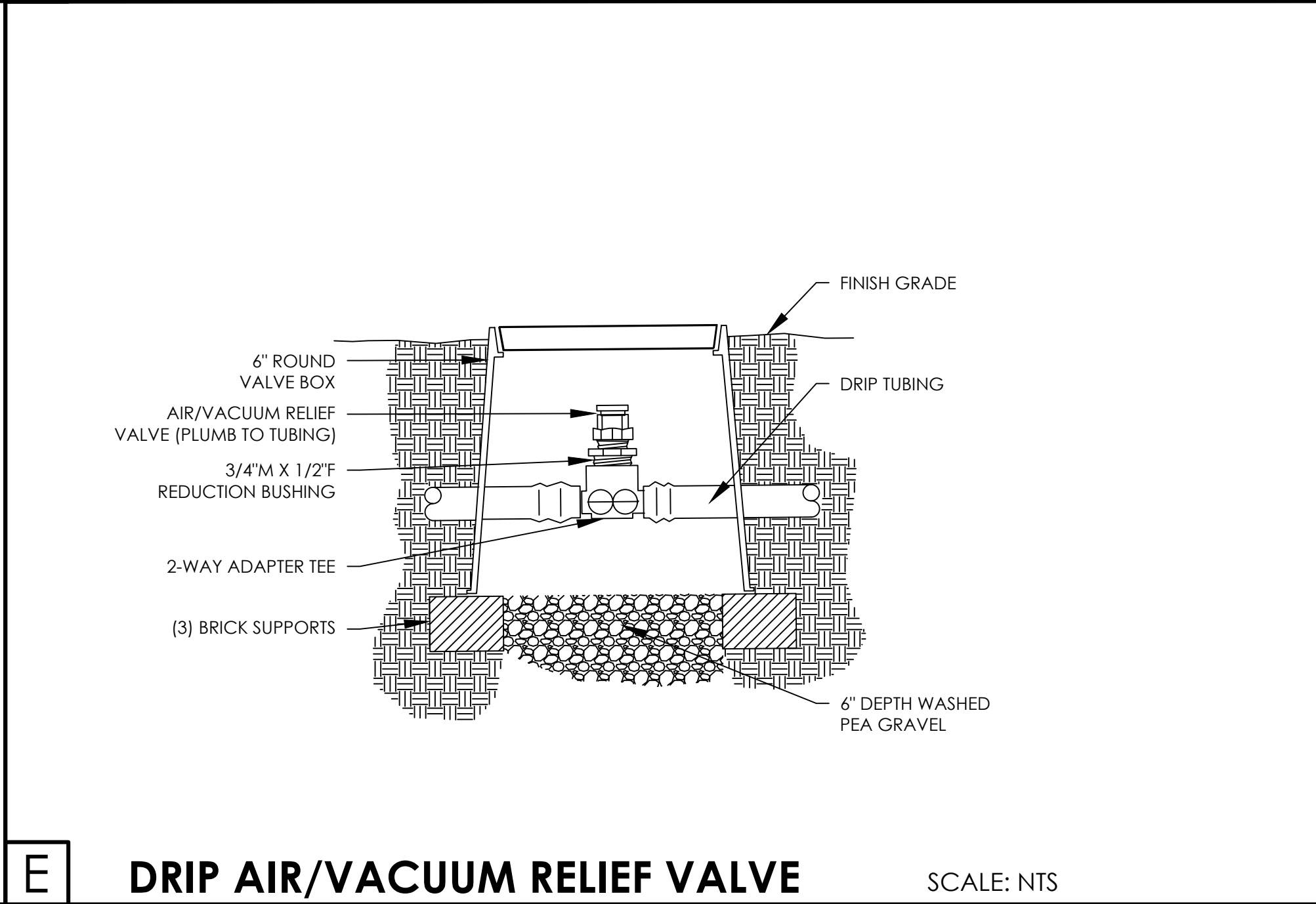
B DRIP INDICATOR ON SWING JOINT SCALE: NTS



C DRIP TUBING INSTALLATION SCALE: NTS



D DRIP LINE FLUSHING VALVE SCALE: NTS



E DRIP AIR/VACUUM RELIEF VALVE SCALE: NTS

3

- 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.

1

IRRIGATION DRIP DETAILS



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



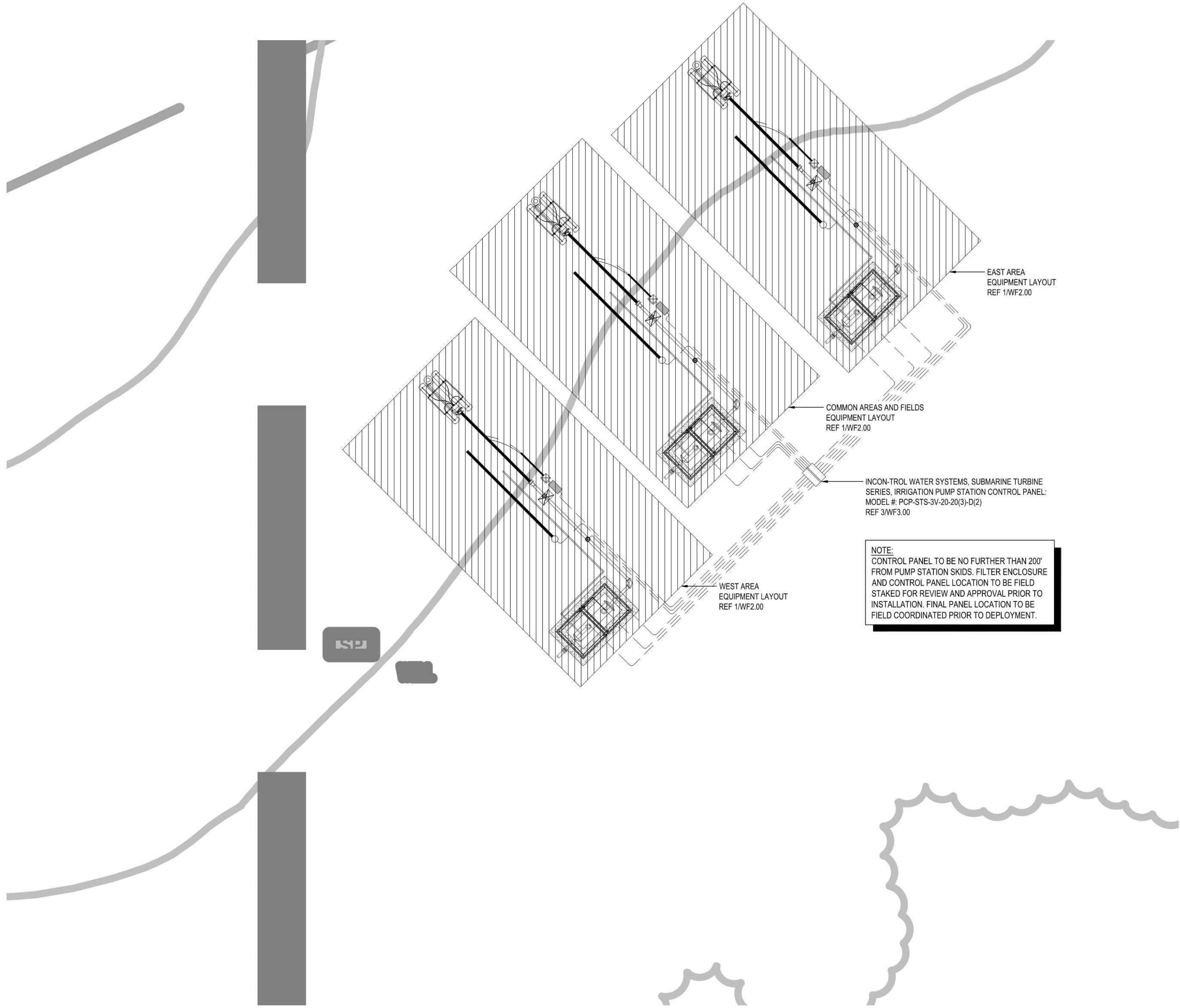
| | |
|--------------|-------------|
| JOB NO. | 7691.001 |
| DESIGNED BY: | JMM |
| DRAWN BY: | JMM |
| CHECKED BY: | KLS |
| DATE: | MAY 6, 2025 |

SHEET:
L5.22

BID PACKAGE #2

FILE PATH: P:\070601\7691.001\PA\Drawings\Plan Sheet\7691.001\Irrigation Plan

PLDWNAME: 7691.001\Irrigation Plan.dwg
PLOT DATE: 05/10/2025
PLOT TIME: 05/10/2025



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 |
| DATE | ENLARGEMENT |
| SCALE | 7/18/2025 |
| SHEET | N.T.S. |
| ISSUE | WF1.01 |
| | 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-1

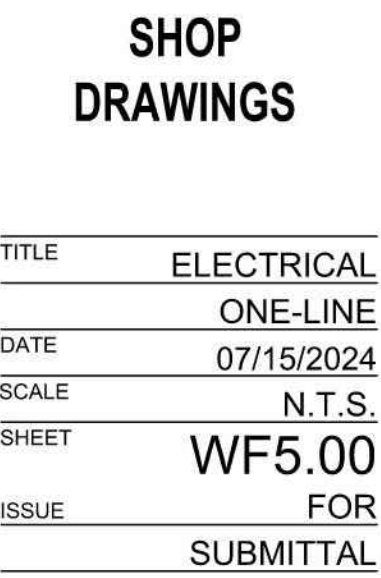
DUNAWAY
550 Bailey Avenue • Suite 400 • Fort Worth, Texas 76107
(817) 835-7114


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 |

BID PACKAGE #2



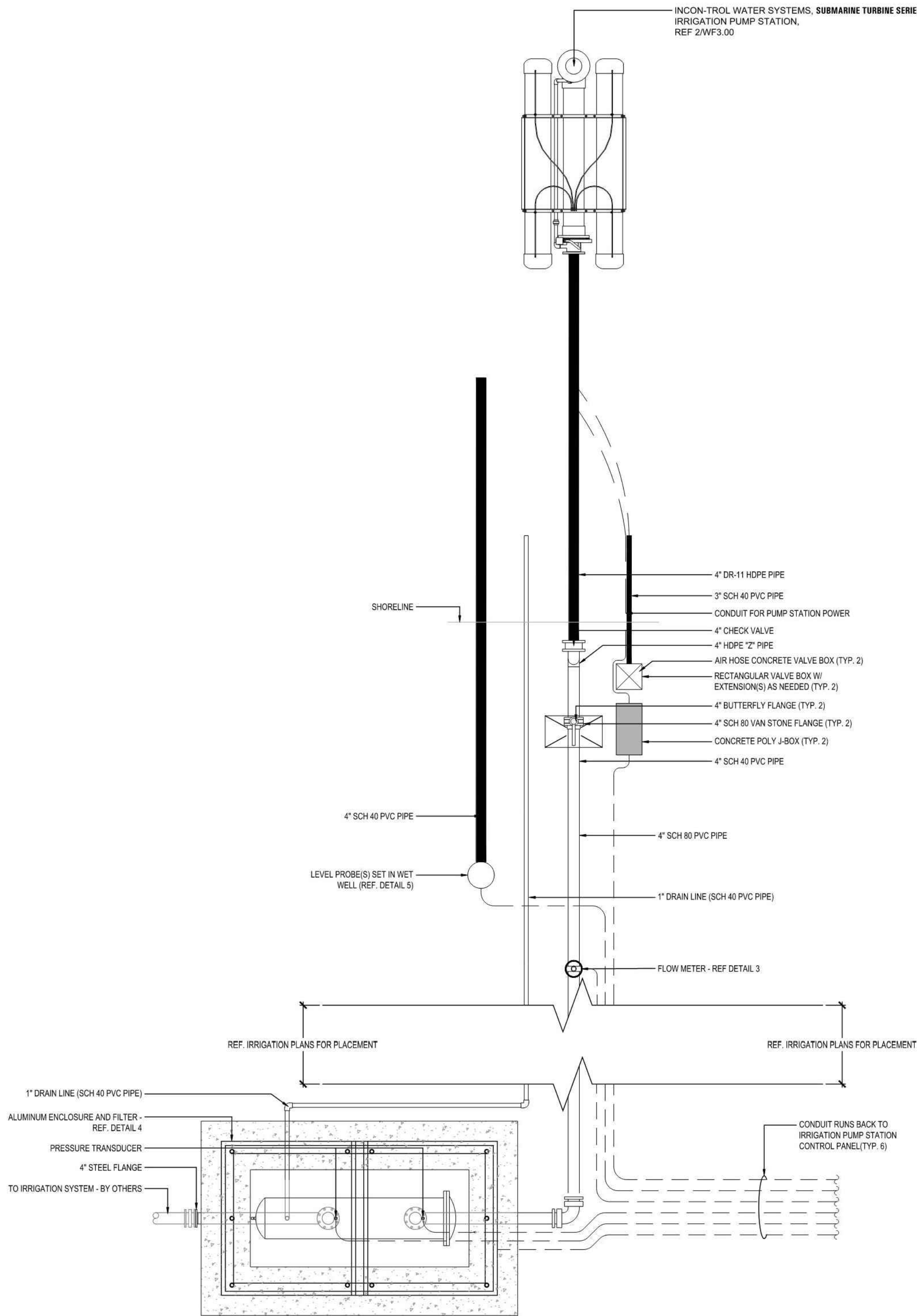
| | |
|---|-------------|
| JOB NO. | 7691.001 |
| DESIGNED BY: | JMM |
| DRAWN BY: | JMM |
| CHECKED BY: | KLS |
| DATE: | MAY 6, 2025 |
| SHEET: L5.26  | |

BID PACKAGE #2

FULL PATH: P:\070601\7691.001\1\A\Drawings\Plan Sheet\WF20-Irrigation Plan

PLDWNAME: 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) 888-7414

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

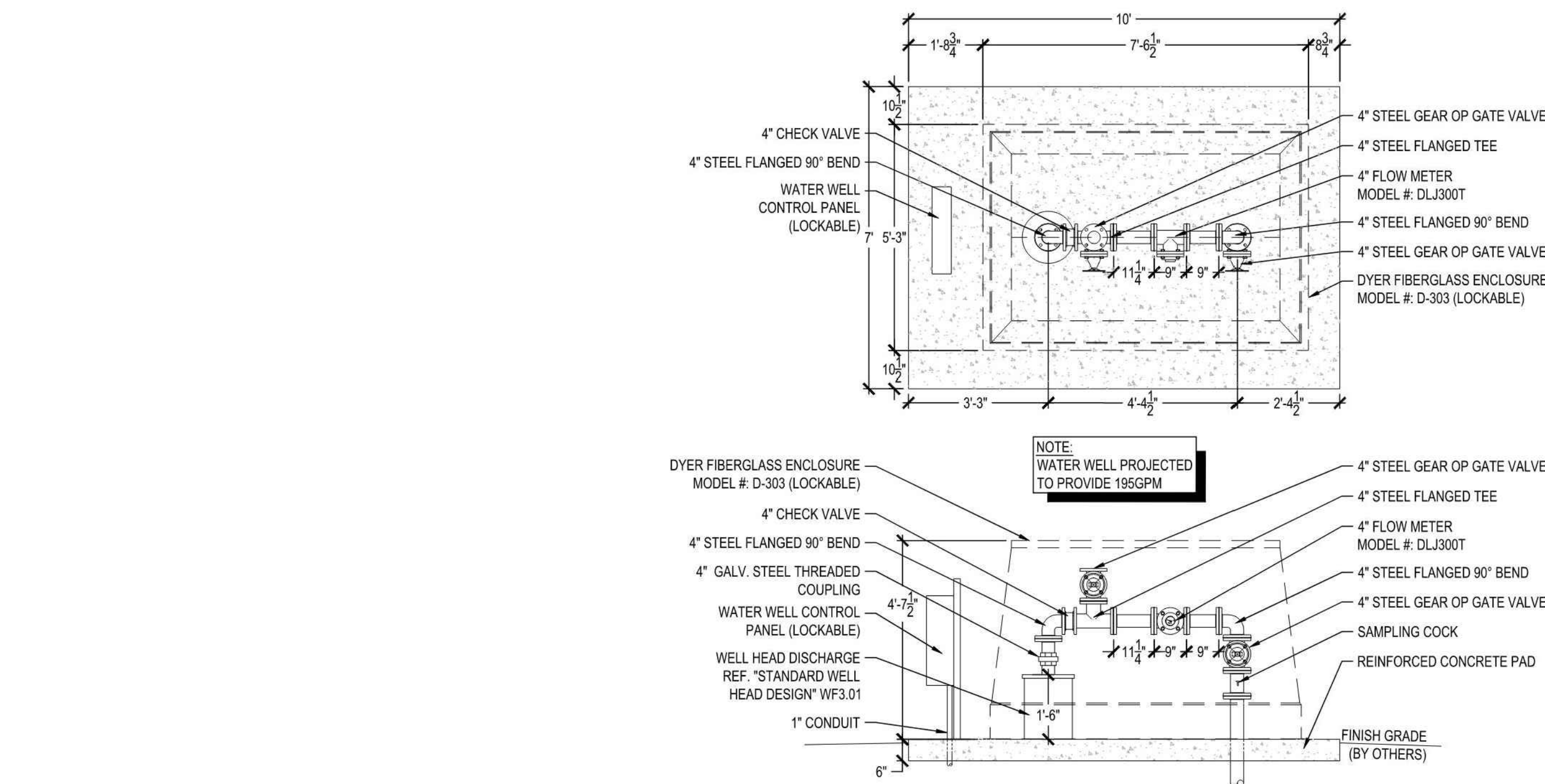
DATE: MAY 6, 2025

SHEET: L5.24

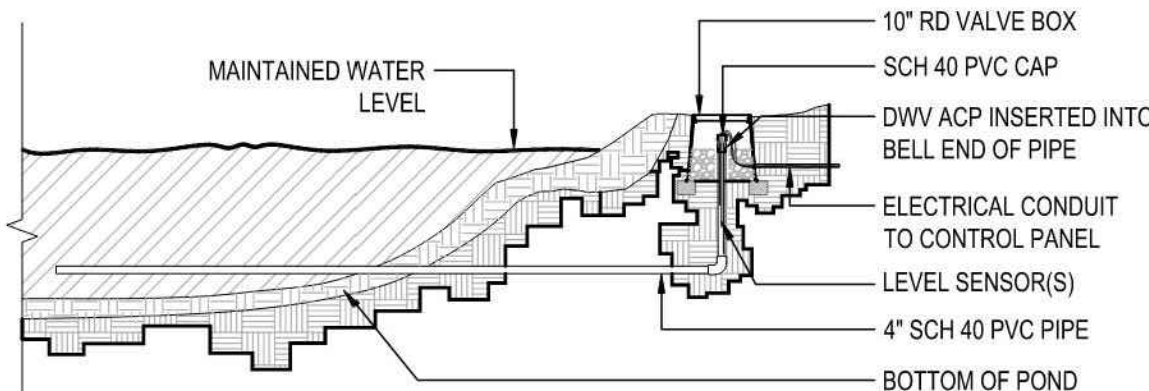
BID PACKAGE #2

FULL PATH: P:\070601\7691.001\PA Drawings\Plan Details\WF30 Irrigation Plan

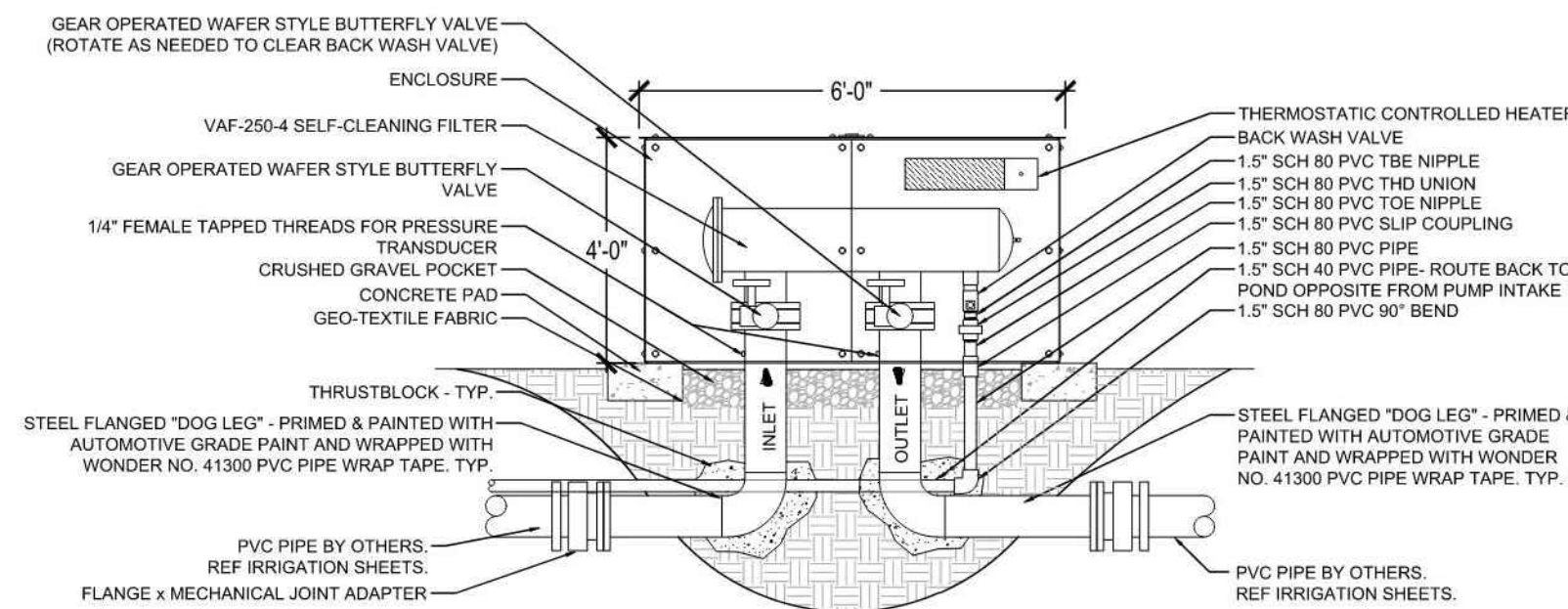
FILE NAME: 7691 Irrigation Plan.dwg
PLOT DATE: 05/06/2025
PLOT TIME: 10:05:11 AM



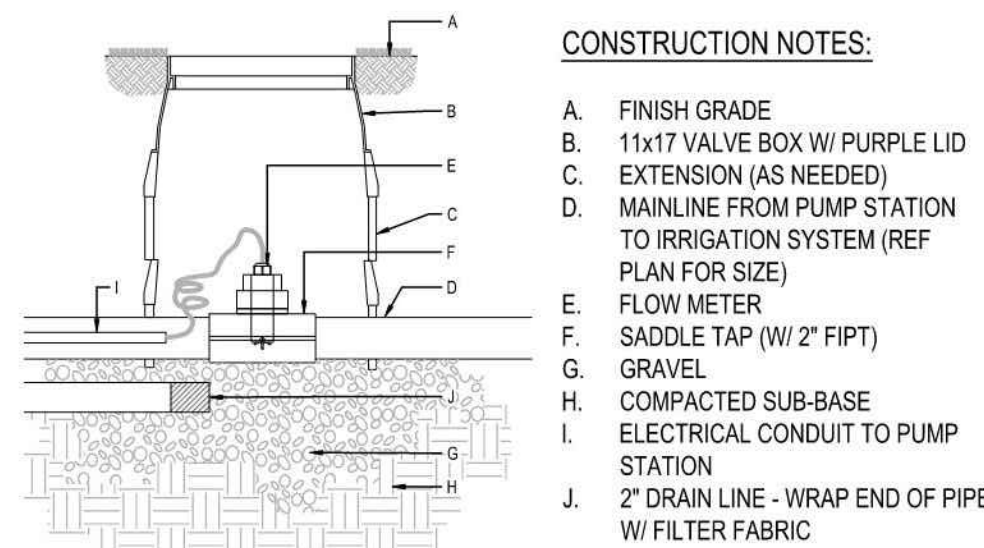
5 WELL PLUMBING DETAIL
SCALE: N.T.S.



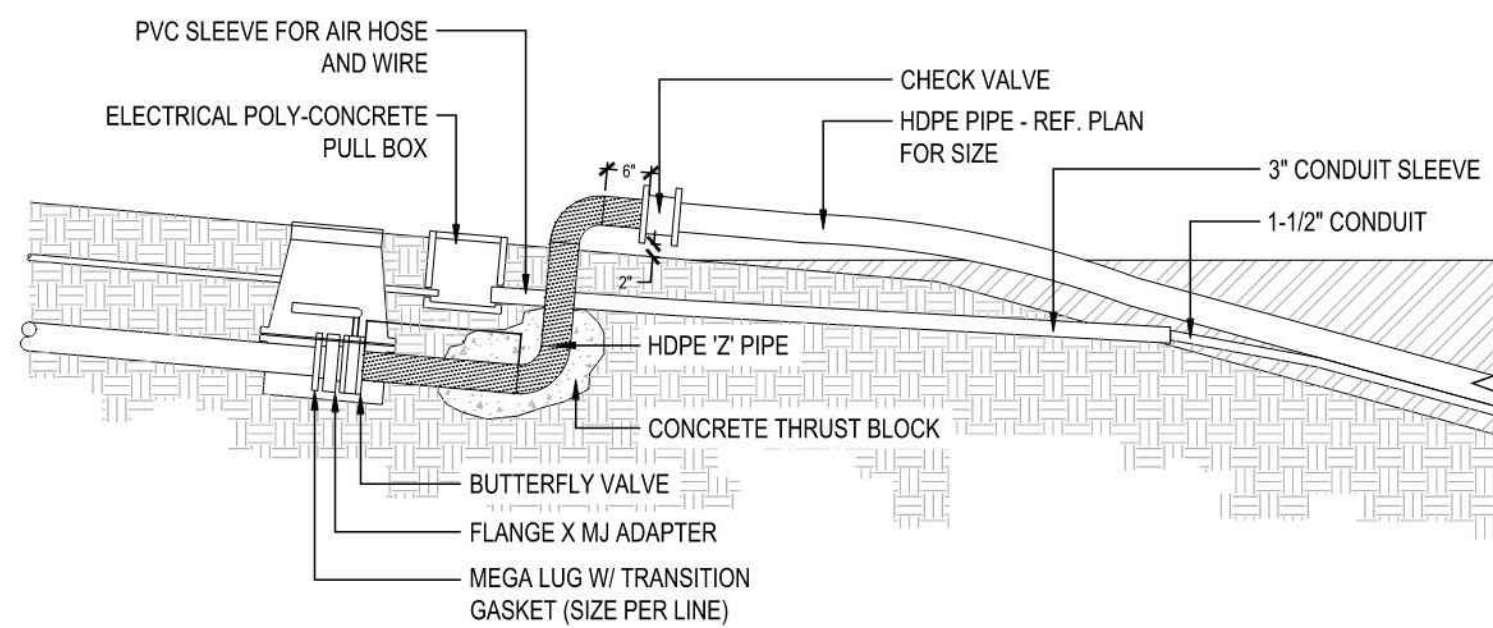
7 POND LEVEL SENSOR(S)
SCALE: N.T.S.



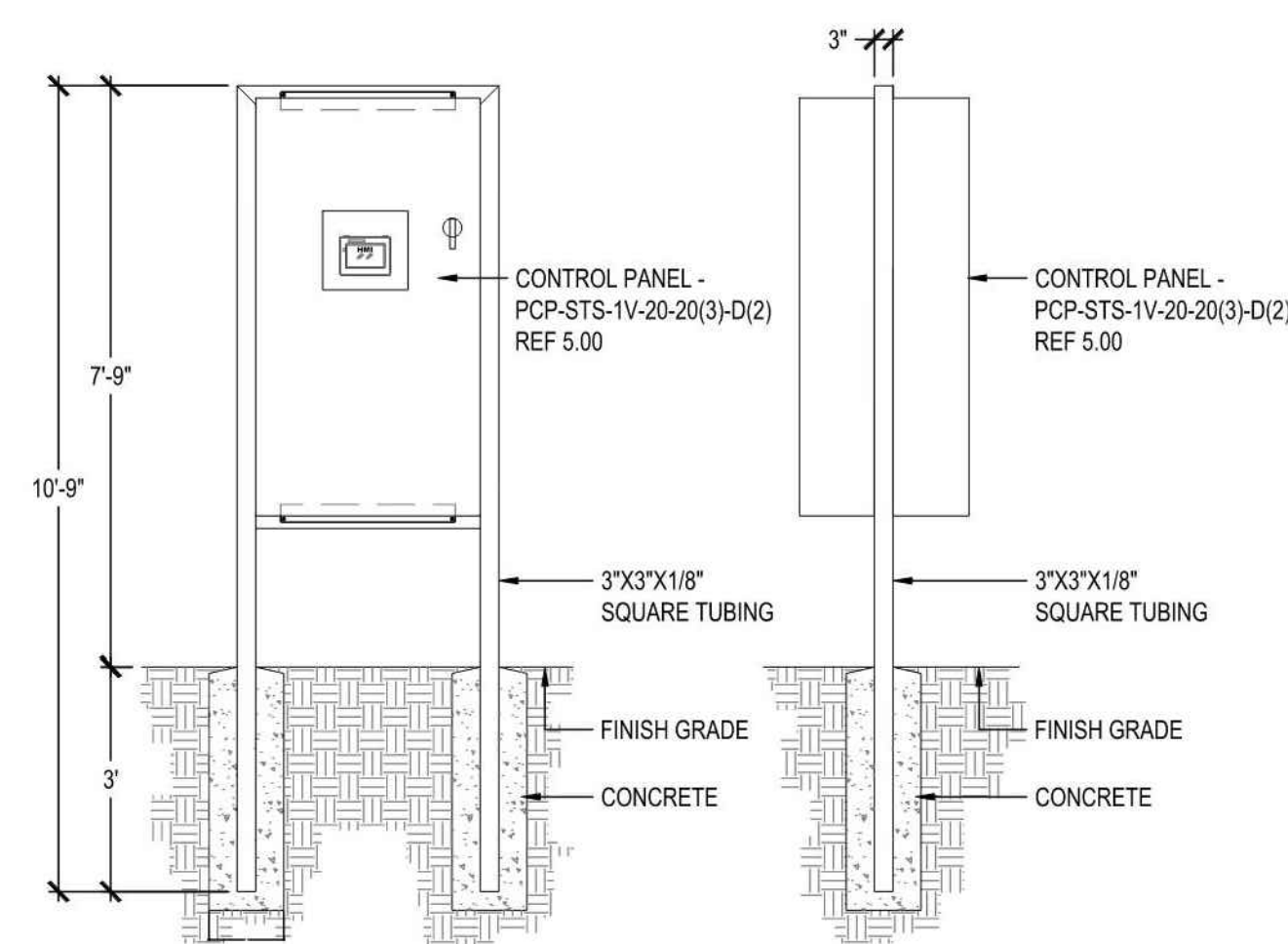
4 FILTER / ENCLOSURE PROFILE VIEW
SCALE: N.T.S. MODEL #: SCF-V250-4-B(1)CD(3)FK



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



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

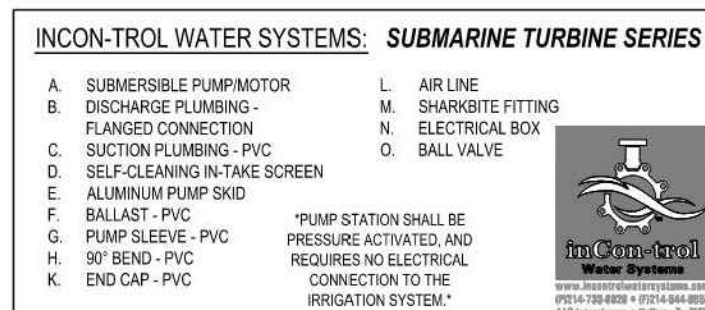


3 ELECTRICAL RACK DETAIL
SCALE: N.T.S. MODEL #: PCP-ST5-1V-20-20(3)-D(2)

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

| NO. | DATE | DESCRIPTION |
|-----|------------|-----------------------------------|
| 3. | 10/21/2024 | PR #2.3 - IRRIGATION UPDATES |
| 4. | 11/11/2024 | IRRIGATION PUMP UPDATES |
| 10. | 7/21/2025 | AS1 #20 - IRRIGATION PUMP UPDATES |

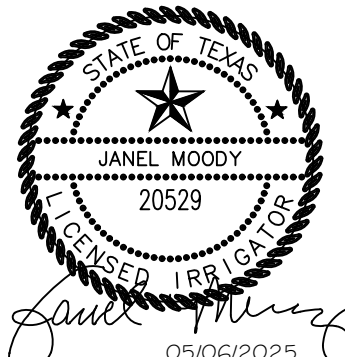
JESSE WELLS
JULY 18, 2025
NOT FOR REGULATORY APPROVAL
PERMITTING OR CONSTRUCTION
**Issue for
Submittal:
Not for
Construction**

| | |
|-------|-----------|
| 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
(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

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 | 5,510 | 5,510 |
| 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 |

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 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 |
| E-22 | CONTROL VALVE: HUNTER ICV-R | TURF SPRAY | 1.39 in/h | 1.5 | 65 | 5,451 | 5,451 |
| 7 | 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 | 25,740 | 25,740 |
| 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





















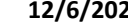






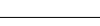








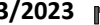






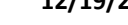
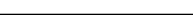

| NUMBER | MODEL | SIZE | TYPE | GPM | WIRE | PSI | PSI @ POC | PRECIP |
|--------|-----------------------------|--------|------------|--------|------|-------|-----------|-----------|
| 1 | CONTROL VALVE: HUNTER ICV-R | 1-1/2" | TURF SPRAY | 100.8 | | 43.9 | | 1.31 in/h |
| 2 | CONTROL VALVE: HUNTER 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 | | 43.5 | | 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 | | 62.3 | | 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 | 91.57 | | 49.6 | | 1.23 in/h |
| 18 | CONTROL VALVE: HUNTER ICV-R | 1-1/2" | TURF SPRAY | 76.9 | | 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 | 80.9 | | 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 | 76.5 | | 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 | 115.4 | | 43.5 | | 1.24 in/h |
| 36 | CONTROL VALVE: HUNTER ICV-R | 1-1/2" | TURF SPRAY | 47.91 | | 76.2 | | 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 | | 1.5 |

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)

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

Updated on 09 MAR 2024

Printed on Wed 8/27/25

| (continued) | | | Finish | | Half 2, 2023 | | | | | Half 1, 2024 | | | | | Half 2, 2024 | | | | | Half 1, 2025 | | | | | | | |
|-------------|--|-----------|--------------|--------------|--|---|---|---|---|--------------|---|---|---|---|--------------|---|---|---|---|--------------|---|---|---|---|---|---|---|
| ID | | | | | 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 | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | |
| 68 | Limestone Block walls | 80 days? | Thu 3/27/25 | Fri 7/18/25 | 3/27/2025 | | | | | | | | | | | | | | | | | | | | | | |
| 69 | Pickleball Courts | 120 days? | Fri 5/16/25 | Tue 11/4/25 | 5/16/2025 | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | |
| 83 | Tennis Courts add | 180 days | Mon 2/24/25 | Wed 11/5/25 | 2/24/2025 | | | | | | | | | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | |
| 86 | Trail Expansion | 241 days | Thu 11/14/24 | Mon 10/27/26 | 11/14/2024 | | | | | | | | | | | | | | | | | | | | | | |
| 87 | Notice to Proceed | 1 day | Tue 12/17/24 | Tue 12/17/24 | 12/17/2024 | | | | | | | | | | | | | | | | | | | | | | |
| 88 | Design Stage | 56 days | Thu 11/14/24 | Wed 2/5/25 | 11/14/2024 | | | | | | | | | | | | | | | | | | | | | | |
| 89 | Trail Construction | 30 days | Thu 7/17/25 | Wed 8/27/25 | 7/17/2025 | | | | | | | | | | | | | | | | | | | | | | |
| 90 | Low water crossings | 30 days | Thu 7/17/25 | Wed 8/27/25 | 7/17/2025 | | | | | | | | | | | | | | | | | | | | | | |
| 91 | Order Bridge | 148 days | Fri 1/31/25 | Thu 8/28/25 | 1/31/2025 | | | | | | | | | | | | | | | | | | | | | | |
| 92 | Install Piers | 30 days | Mon 4/7/25 | Fri 5/16/25 | 4/7/2025 | | | | | | | | | | | | | | | | | | | | | | |

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 | | | | | | | |
| 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 | | | | | | | | | | | | | | | | 3/20/2025 | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | 3/6/2025 | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | | | | | | 1/27/2025 | | | | | | | | | | | | | | |
| 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 | | | | | | | | | | | </ | | | | | | | | | | | | | | | | | | | |

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