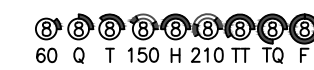
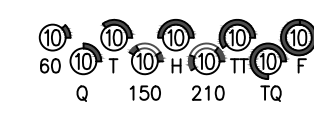
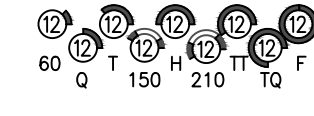
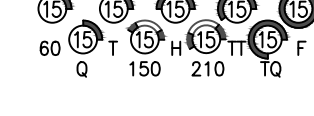
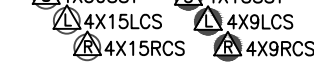
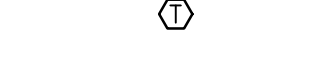
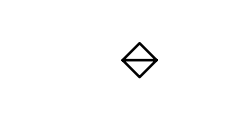


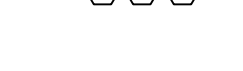
IRRIGATION SCHEDULE

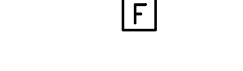
| SYMBOL                                                                              | MANUFACTURER/MODEL/DESCRIPTION                                                                                                                                                                                                                        | PSI |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
|    | HUNTER PRO5-06-PR530-CV WITH TORO NOZZLE & SERIES TURF SPRAY, 30 PSI REGULATED 6.0" POP-UP, WITH FACTORY INSTALLED DRAIN CHECK VALVE. CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL. UTILIZE TORO PRECISION SERIES SPRAY NOZZLES.                   | 30  |
|    | HUNTER PRO5-06-PR530-CV WITH TORO NOZZLE 10 SERIES TURF SPRAY, 30 PSI REGULATED 6.0" POP-UP, WITH FACTORY INSTALLED DRAIN CHECK VALVE. CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL. UTILIZE TORO PRECISION SERIES SPRAY NOZZLES.                  | 30  |
|    | HUNTER PRO5-06-PR530-CV WITH TORO NOZZLE 12 SERIES TURF SPRAY, 30 PSI REGULATED 6.0" POP-UP, WITH FACTORY INSTALLED DRAIN CHECK VALVE. CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL. UTILIZE TORO PRECISION SERIES SPRAY NOZZLES.                  | 30  |
|    | HUNTER PRO5-06-PR530-CV WITH TORO NOZZLE 15 SERIES TURF SPRAY, 30 PSI REGULATED 6.0" POP-UP, WITH FACTORY INSTALLED DRAIN CHECK VALVE. CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL. UTILIZE TORO PRECISION SERIES SPRAY NOZZLES.                  | 30  |
|    | HUNTER PRO5-06-PR530-CV WITH TORO NOZZLE 4X STRIP SPRAY TURF SPRAY, 30 PSI REGULATED 6.0" POP-UP, WITH FACTORY INSTALLED DRAIN CHECK VALVE. CO-MOLDED WIPER SEAL WITH UV RESISTANT MATERIAL. UTILIZE TORO PRECISION SERIES SPRAY NOZZLES.             | 30  |
|    | HUNTER MP1000 PRO5-06-PR540-CV TURF ROTATOR, 6" (15.24 CM) POP-UP WITH CHECK VALVE, PRESSURE REGULATED TO 40 PSI (2.76 BAR), MP ROTATOR NOZZLE ON PR540 BODY. M=MAROON ADJ ARC 90 TO 210, L=LIGHT BLUE 210 TO 270 ARC, O=OLIVE 360 ARC.               | 40  |
|    | HUNTER MP2000 PRO5-06-PR540-CV TURF ROTATOR, 6" (15.24 CM) POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI (2.76 BAR), MP ROTATOR NOZZLE ON PR540 BODY. B=BLACK ADJ ARC 90-210, G=GREEN ADJ ARC 210-270, R=RED 360 ARC.       | 40  |
|    | HUNTER MP3000 PRO5-06-PR540-CV TURF ROTATOR, 6" (15.24 CM) POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI (2.76 BAR), MP ROTATOR NOZZLE ON PR540 BODY. B=BLUE ADJ ARC 90-210, Y=YELLOW ADJ ARC 210-270, A=GRAY 360 ARC.      | 40  |
|    | HUNTER MP3500 PRO5-06-PR540-CV TURF ROTATOR, 6.0" POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI, MP ROTATOR NOZZLE ON PR540 BODY. LB=LIGHT BROWN ADJUSTABLE ARC, 90-210.                                                    | 40  |
|    | HUNTER MP8005R PRO5-06-PR540-CV TURF ROTATOR, 6.0" POP-UP WITH CHECK VALVE, PRESSURE REGULATED TO 40 PSI (2.76 BAR), MP ROTATOR NOZZLE ON PR540 BODY. ADJ=ORANGE AND GRAY (ARC 90-210), 360=LIME GREEN AND GRAY (ARC 360)                             | 40  |
|    | HUNTER MP CORNER PRO5-06-PR540-CV TURF ROTATOR, 6" (15.24CM) POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI (2.76 BAR), MP ROTATOR NOZZLE ON PR540 BODY. T=TURQUOISE ADJ ARC 45-105.                                         | 40  |
|  | HUNTER MP STRIP PRO5-06-PR540-CV TURF ROTATOR, 6" (15.24 CM) POP-UP WITH FACTORY INSTALLED CHECK VALVE, PRESSURE REGULATED TO 40 PSI (2.76 BAR), MP ROTATOR NOZZLE ON PR540 BODY. LST=IVORY LEFT STRIP, SST=BROWN SIDE STRIP, RST=COPPER RIGHT STRIP. | 40  |

| SYMBOL                                                                              | MANUFACTURER/MODEL/DESCRIPTION                                                                                                    | PSI | GPM  | RADIU |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|-----|------|-------|
|  | HUNTER I-20-06-95 TURF ROTOR, 6.0" POP-UP, ADJUSTABLE AND FULL CIRCLE, STAINLESS STEEL RISER, DRAIN CHECK VALVE, STANDARD NOZZLE. | 45  | 4.00 | 40"   |

IRRIGATION SCHEDULE

| SYMBOL                                                                              | MANUFACTURER/MODEL/DESCRIPTION                                                                                                                                                          |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | DRIP VALVE ASSEMBLY<br>NETAFIM LVC25801 0075-HF, PRE-ASSEMBLED CONTROL ZONE KIT, WITH 1" SERIES 80 CONTROL VALVE, 3/4" DISC FILTER, AND HIGH FLOW PRESSURE REGULATOR 4.5GPM TO 17.6GPM. |
|  | DRIP FLUSH VALVE ASSEMBLY<br>NETAFIM TLFV-1, AUTOMATIC FLUSH VALVE, WITH INSERT INLET                                                                                                   |

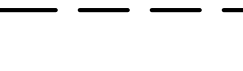
| SYMBOL                                                                              | MANUFACTURER/MODEL/DESCRIPTION                                                                                                                                                                        |
|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | REMOTE CONTROL VALVE ASSEMBLY<br>HUNTER MODEL ICV 1", 1-1/2", 2", AND 3" PLASTIC ELECTRIC REMOTE CONTROL VALVES, GLOBE CONFIGURATION                                                                  |
|  | QUICK COUPLER VALVE ASSEMBLY<br>HUNTER HQ-5RC, VALVE WITH YELLOW RUBBER COVER, RED BRASS AND STAINLESS STEEL, WITH 1" NPT INLET, 1-PIECE BODY.                                                        |
|  | ISOLATION GATE VALVE ASSEMBLY<br>MATCO-NORCA 514TX: 1/2"-4" BRASS GATE VALVE, FULL PORT, WITH SOLID WEDGE, IPS, CROSS HANDLE. SAME SIZE AS MAINLINE PIPE.                                             |
|  | NORMALLY OPEN MASTER VALVE ASSEMBLY<br>2-INCH BUCKNER-SUPERIOR 3100, NORMALLY OPEN BRASS MASTER VALVE THAT PROVIDES DIRTY WATER PROTECTION.                                                           |
|  | AIR RELIEF VALVE ASSEMBLY<br>CRISPIN MODEL UL10, 1" MODEL. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. INSTALL AT SYSTEM HIGH POINTS.                                                                 |
|  | REDUCED PRESSURE BACKFLOW PREVENTER<br>WILKINS 375B: BACKFLOW PREVENTER WITH BLOW OUT/FLUSH FITTING. REINFORCED NYLON HOUSING AND CAST BRONZE BALL VALVES, SIZED TO MATCH TAP & METER (RE: POC NOTE). |

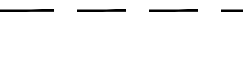
| SYMBOL                                                                                | MANUFACTURER/MODEL/DESCRIPTION                                                                                                                                                                                                                                                                                 |
|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | PEDESTAL MOUNT TWO-WIRE IRRIGATION CONTROL SYSTEM<br>WEATHERMATIC CONTROLLER: SL9600TW, TWO-WIRE CONTROL SYSTEM, INCLUDES SMARTLINK AIRCARD WITH FLOW, SLWS WEATHER STATION, AND 5 YR SERVICE PLAN (SL9600TW-5YR-BUNDLE-FLOW). UTILIZE STAINLESS STEEL PEDESTAL, MODEL SLFED-ENC. UTILIZE NORMALLY OPEN PANEL. |
|  | WEATHERMATIC SURGE DECODER. INSTALL PER MANUFACTURER'S RECOMMENDATIONS (APPROX. EVERY 600', AT THE CONTROLLER, AND AT THE END OF EACH MAINLINE RUN). INSTALL 8' COPPER CLAD GROUNDING ROD INSTALLED AT LEAST 8' FROM VALVE BOX, PERPENDICULAR TO 2-WIRE CONTROL CABLE                                          |

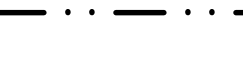
| SYMBOL                                                                                | MANUFACTURER/MODEL/DESCRIPTION                                                                                                                                                                                       |
|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | CREATIVE SENSOR TECHNOLOGY FSI-T<br>2-INCH PVC TEE TYPE FLOW SENSOR W/SOCKET ENDS, CUSTOM MOUNTING TEE AND ULTRA-LIGHTWEIGHT IMPELLER ENHANCES LOW FLOW MEASUREMENT. 2 WIRE DIGITAL OUTPUT. FLOW RANGE: 2.8-170 GPM. |

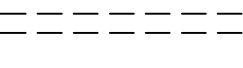
| SYMBOL                                                                                | MANUFACTURER/MODEL/DESCRIPTION                                                                                                                                     |
|---------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | DRIP IRRIGATION LATERAL LINE TO EMITTERS: UV RADIATION RESISTANT POLYETHYLENE PIPE, 3/4-INCH UNLESS OTHERWISE SPECIFIED.                                           |
|  | DRIP IRRIGATION LATERAL LINE TO EMITTERS IN NATIVE SEED: 3/4-INCH UV RADIATION RESISTANT POLYETHYLENE PIPE TO NETAFIM INLINE DRIP TUBING TREE RINGS (RE: DETAILS). |

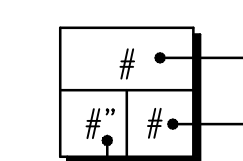
| SYMBOL                                                                                | MANUFACTURER/MODEL/DESCRIPTION                                                                                                                                                                |
|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | IRRIGATION LATERAL LINE: PVC CLASS 200 SDR 21 PVC CLASS 200 IRRIGATION PIPE, ONLY LATERAL TRANSITION PIPE SIZES 1 1/4" AND ABOVE ARE INDICATED ON THE PLAN, WITH ALL OTHERS BEING 1" IN SIZE. |

| SYMBOL                                                                                | MANUFACTURER/MODEL/DESCRIPTION                                                                                                                                                                                                                                                                        |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | IRRIGATION MAINLINE: PVC CLASS 200 SDR 21 POC #1: 2.5-INCH UNLESS OTHERWISE NOTED. POC #2: 2-INCH UNLESS OTHERWISE NOTED. POC #3: 2.5-INCH UNLESS OTHERWISE NOTED. POC #4: 2.5-INCH UNLESS OTHERWISE NOTED. POC #5: 2-INCH UNLESS OTHERWISE NOTED. SOME LABELED SIZES MAY BE LARGER THAN STATED ABOVE |

| SYMBOL                                                                                | MANUFACTURER/MODEL/DESCRIPTION                                                                                                                                                            |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | PE39 SHIELDED CABLE FROM WEATHERMATIC CONTROLLER COMBIFLOW BOARD TO FLOW SENSOR. INSTALL WITH MAINLINE WHERE AVAILABLE. INSTALL WITH WARNING TAPE IN AREAS WHERE MAINLINE IS NOT PRESENT. |

| SYMBOL                                                                                | MANUFACTURER/MODEL/DESCRIPTION                                   |
|---------------------------------------------------------------------------------------|------------------------------------------------------------------|
|  | IRRIGATION MAINLINE FOR REFERENCE ONLY: REFER TO ADJACENT FILING |

| SYMBOL                                                                                | MANUFACTURER/MODEL/DESCRIPTION                                                                                                         |
|---------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
|  | PIPE SLEEVE: PVC CLASS 200 SDR 21 SLEEVE SHALL BE TWICE THE SIZE OF THE PIPE RUNNING THRU IT. NO TWO PIPES/WIRES SHALL SHARE A SLEEVE. |

| SYMBOL                                                                                | MANUFACTURER/MODEL/DESCRIPTION                            |
|---------------------------------------------------------------------------------------|-----------------------------------------------------------|
|  | Valve Callout<br>Valve Number<br>Valve Flow<br>Valve Size |

INSTALLATION GENERAL NOTES

1. DESIGN ASSUMES A MINIMUM DYNAMIC PRESSURE FOR THE IRRIGATION SYSTEM (PER CITY OR ENGINEER) OF UP TO 90 PSI, AT A MINIMUM FLOW OF 70 GPM AT EACH 2-INCH POINT-OF-CONNECTION (POC). VERIFY PRESSURE AND FLOW ON SITE PRIOR TO CONSTRUCTION. CONTACT GENERAL CONTRACTOR OR OWNER'S REPRESENTATIVE IMMEDIATELY IF FLOW OR PRESSURE ARE LOWER THAN LISTED ABOVE. BOOSTER PUMP MAY BE REQUIRED.  
1.1. NEITHER HISTORICAL NOR CIVIL SITE HYDRAULICS WERE AVAILABLE AT THE TIME OF DESIGN.

2. CONTRACTOR SHALL BECOME FAMILIAR WITH THE SPECIFICATIONS AND INSTALLATION DETAILS FOR THIS AND RELATED WORK PRIOR TO CONSTRUCTION. FOR CLARIFICATION, CONTACT IRRIGATION DESIGNER PRIOR TO CONSTRUCTION.

2.1. UPON FINAL ACCEPTANCE, CONTRACTOR SHALL TURN OVER REQUIRED ADJUSTMENT KEYS INCLUDING BUT NOT LIMITED TO CONTROLLER ENCLOSURE AND BACKFLOW ENCLOSURE KEY, LOCKING VALVE BOX KEYS, QUICK COUPLER KEYS, GATE VALVE KEY, SPRINKLER HEAD AND NOZZLE ADJUSTMENT KEYS.

2.2. UPON FINAL ACCEPTANCE, CONTRACTOR SHALL TURN OVER SPARE PARTS PERTAINING TO INSTALLED SYSTEM: BACKFLOW WINTERIZATION INSERT, TWO OF EVERY HEAD AND NOZZLE (ROTOR NOZZLE TREE INCLUDED), ONE RCV DIAPHRAGM, ETC.

3. COORDINATE UTILITY LOCATES OF UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION ("811-CALL BEFORE YOU DIG").

4. IF DISCREPANCIES ARE NOTED IN THE FIELD BETWEEN SITE CONDITIONS AND PROVIDED DESIGNS, CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE OR GENERAL CONTRACTOR IMMEDIATELY. DO NOT PROCEED WITH THE INSTALLATION OF THE IRRIGATION SYSTEM IF SUCH DISCREPANCIES IN THE FIELD AFFECT THE PROVIDED DESIGN, DETAILS, OR SPECIFICATIONS.

5. ALL IRRIGATION COMPONENTS (MAINLINE, WIRES, LATERAL LINES, ETC.) SHALL BE INSTALLED IN LANDSCAPED AREAS WHENEVER POSSIBLE, EVEN THOUGH SAID IRRIGATION COMPONENTS MAY BE SHOWN OUTSIDE PLANTING AREAS FOR CLARITY.

5.1. AVOID CONFLICTS BETWEEN THE IRRIGATION SYSTEM, PLANTING MATERIALS, AND ARCHITECTURAL FEATURES WHENEVER POSSIBLE. COORDINATE POTENTIAL RELOCATION OF BOULDERS AND TREES IN TURF AREAS WITH LANDSCAPE ARCHITECT PRIOR TO SPRINKLER LAYOUT. IF LANDSCAPE MATERIAL CANNOT BE RELOCATED, ADDITIONAL SPRINKLERS MAY BE REQUIRED.

6. CROSS FITTINGS ARE NOT ALLOWED, ONLY STANDARD TEES AND ELBOWS.

7. CONTRACTOR SHALL INSTALL NOZZLES PER PLAN, UNLESS IRRIGATED AREA CHANGED IN SIZE OR PLANT MATERIAL TYPE CHANGES.

IF NOZZLE CHANGES ARE REQUIRED AND ARE SIGNIFICANT IN SIZE, CONTRACTOR SHALL CONTACT IRRIGATION DESIGNER FOR APPROVAL.

8. CONTRACTOR SHALL FIELD LOCATE ANY EXISTING SLEEVES ON SITE PRIOR TO CONSTRUCTION WITH THE AID OF THE GENERAL CONTRACTOR. MISSING SLEEVES SHALL BE REPORTED IMMEDIATELY. NEW SLEEVES SHOWN ON PLANS ARE REQUIRED FOR BOTH PIPING AND ELECTRICAL WIRING AT EACH HARDSCAPE CROSSING. COORDINATE INSTALLATION OF SLEEVING WITH OTHER TRADES. ANY PIPE OR WIRE WHICH PASSES BENEATH EXISTING HARDSCAPE WHERE SLEEVING WAS NOT INSTALLED WILL REQUIRE HORIZONTAL BORING BY THE IRRIGATION CONTRACTOR.

9. INSTALL ALL ELECTRICAL POWER TO THE IRRIGATION CONTROL SYSTEM IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE AND ALL APPLICABLE LOCAL ELECTRIC UTILITY CODES.

10. THE FOLLOWING SHOULD BE NOTED REGARDING PIPE SIZING: IF A SECTION OF UNSIZED PIPE IS LOCATED BETWEEN THE IDENTICALLY SIZED SECTIONS, THE UNSIZED PIPE IS THE SAME NOMINAL SIZE AS THE TWO SIZED SECTIONS. THE UNSIZED PIPE SHOULD NOT BE CONFUSED WITH THE DEFAULT PIPE SIZE NOTED IN THE LEGEND.

10.1. MAINLINE PIPE SIZES MAY VARY THROUGHOUT PROJECT. EACH MAINLINE LEG IS SIZED TO ACCOMMODATE LARGEST VALVE ON THAT LEG. STATED SIZE IN LEGEND MAY NOT BE THE LARGEST SIZE ON PLANS.

11. TWO-WIRE CONTROL CABLE DOES NOT REQUIRE ADDITIONAL SPARE WIRES TO BE ROUTED WITH MAINLINE.

11.1. TWO-WIRE CONTROL SURGE ARRESTORS SHALL BE INSTALLED PER MANUFACTURER'S RECOMMENDATIONS.

11.2. FIRST SURGE DECODER SHALL BE PLACED AT CONTROLLER, THEN EVERY 600' (APPROX.) THEREAFTER.

11.3. INSTALL NEAR VALVE USING EITHER 8' GROUND ROD OR PLATE. INSTALL PER INDUSTRY STANDARDS.

11.4. DECODERS MUST BE PROGRAMMED AT THE CONTROLLER BEFORE WIRING TO VALVES.

12. TREES IN TURF ARE NOT IRRIGATED BY DRIP SYSTEM. DRIP LATERAL ROUTED NEAR TREES IN TURF ARE NOT TO RECEIVE DRIP IRRIGATION. TREES IN UNDISTURBED NATIVE SEEDED AREAS ARE IRRIGATED ON DRIP SYSTEM.

13. NO IRRIGATION EQUIPMENT, INCLUDING BUT NOT LIMITED TO, MAINLINE, VALVES, AND SPRINKLERS, SHALL BE INSTALLED WITHIN 3' OF NEW BUILDING FOUNDATION.

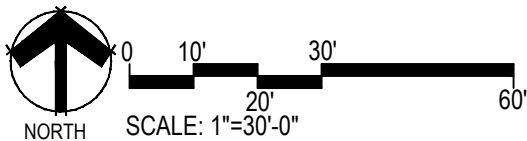
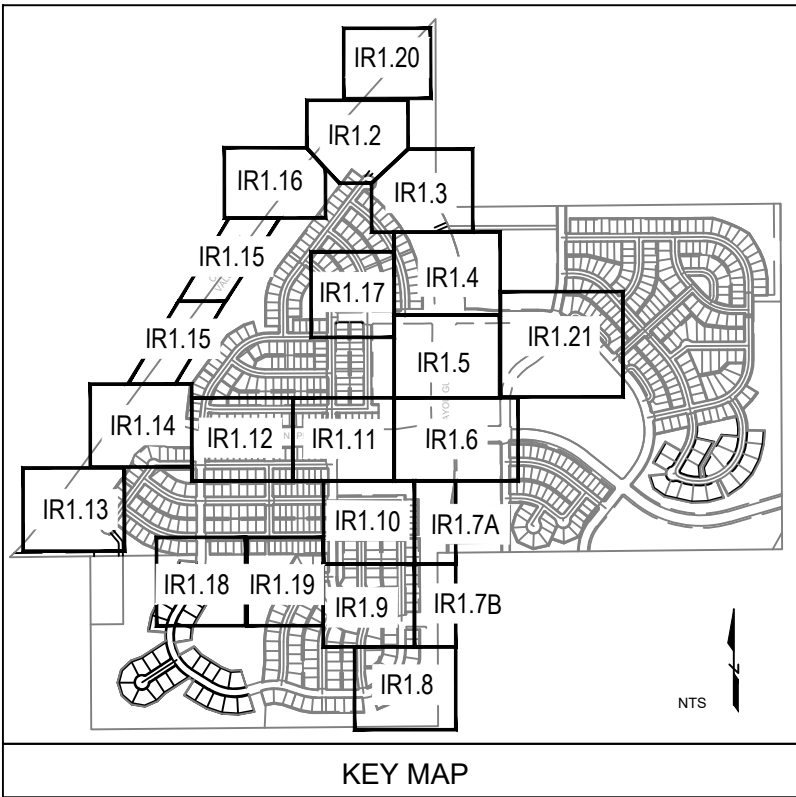
14. SPRINKLER ZONES CAN ONLY COVER AN ELEVATION RANGE OF 14', THUS THE SMALLER VALVE SIZES. ZONES CAN OPERATE SIMULTANEOUSLY WHERE APPLICABLE.

14.1. MAINLINE LOOPS ARE SIZED TO UTILIZE TAP SUPPLY OF 70 GPM.

14.2. DEAD END MAINLINE RUNS ARE SIZED TO ACCOMMODATE THE LARGEST VALVE ON THE RUN.

REFERENCE NOTES SCHEDULE

| SYMBOL                                                                                | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | THE IRRIGATION SYSTEM POINT-OF-CONNECTION (POC) SHALL BE DOWNSTREAM OF THE EXISTING IRRIGATION WATER TAP AND METER, AT THE APPROXIMATE LOCATION SHOWN. INSTALL BACKFLOW PREVENTION UNIT, MASTER VALVE ASSEMBLY, AND FLOW SENSOR AS INDICATED. VERIFY EXACT LOCATION OF POC WITH OWNER'S REPRESENTATIVE. VERIFY PRESSURE AND FLOW ON SITE PRIOR TO CONSTRUCTION.                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|  | PEDESTAL MOUNT THE IRRIGATION CONTROLLER AT THE APPROXIMATE LOCATION SHOWN. COORDINATE ELECTRICAL POWER TO THE CONTROLLER WITH THE OWNER'S REPRESENTATIVE. CARE SHOULD BE TAKEN TO INSTALL THE IRRIGATION CONTROLLER IN A LOCATION THAT IS ACCESSIBLE FOR MAINTENANCE, AND SCREENED FROM VIEW EITHER BEHIND ENTRY WALLS, NEXT TO BUILDINGS, OR BEHIND PLANT MATERIAL. FINAL LOCATION TO BE APPROVED BY OWNER'S REPRESENTATIVE. INSTALL PER NATIONAL ELECTRIC CODE (NEC). INSTALL WEATHERMATIC SLF COMBIFLOW INSIDE CONTROLLER AND WIRE PER MANUFACTURER'S RECOMMENDATIONS. INSTALL PE39 FLOW SENSOR CONTROL WIRE FROM CONTROLLER TO MAINLINE AND ROUTE WITH MAINLINE TO SECOND FLOW SENSOR. REFER TO PLANS FOR ADDITIONAL WIRE ROUTING TO MAKE CONNECTION FROM SECOND FLOW SENSOR BACK TO CONTROLLER. |
|  | IRRIGATION SHOWN IN HARDSCAPE FOR CLARITY ONLY. ALL IRRIGATION SHALL BE INSTALLED IN LANDSCAPED AREA. ANY IRRIGATION TO BE INSTALLED UNDER HARDSCAPE SHALL BE SLEEVED.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
|  | CONTRACTOR SHALL STUB OUT MAINLINE AND 3' FOOT COIL OF 2-WIRE CONTROL WIRE CABLE (IN SEPARATE 6" ROUND VALVE BOX) FOR CONNECTION TO ADJACENT FILING.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|  | CONTRACTOR SHALL FIELD LOCATE EXISTING MAINLINE AND CONTROL WIRES STUB FROM ADJACENT FILING. MAKE MAINLINE AND WIRE CONNECTIONS AND ROUTE AS INDICATED EXISTING ISOLATION GATE VALVE FROM ADJACENT FILING SHOWN FOR REFERENCE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|  | CONTRACTOR SHALL STUB OUT LATERAL LINE FOR CONNECTION TO ADJACENT FILING. SIZE AS SHOWN ON PLANS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|  | CONTRACTOR SHALL FIELD LOCATE EXISTING SPRINKLER OR DRIP LATERAL LINE FROM ADJACENT FILING. MAKE NEW LATERAL LINE CONNECTION AND ROUTE AS INDICATED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |



■ Prepared For ■

ESX MANAGEMENT  
7353 SOUTH ALTON WAY  
CENTENNIAL, CO 80112

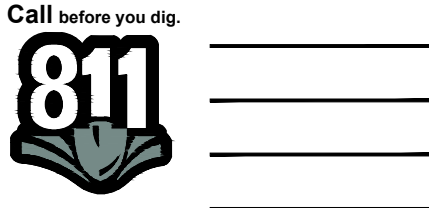
■ Irrigation Design ■

  
P.O. Box 345  
Windsor, CO 80550  
970.402.3047  
Michelle@MPiDesignsllc.com

■ Engineering ■

  
10333 E. DRY CREEK RD. #240  
ENGLEWOOD, CO 80112  
720-482-9526

TRAILS AT CROWFOOT  
FILING NO. 1  
PARKER, COLORADO  
IRRIGATION PLANS-RECORD DRAWINGS

Drawn by: MLP  
Checked by: TEAM  
Submittal  
Date: 06.07.2022  
Know what's below.  
Call before you dig.  


■ Sheet Name ■  
IRRIGATION LEGEND  
AND NOTES

■ Sheet Number ■

IR1.0



Landscape/Irrigation Worksheet

Project Name: TRAILS AT CROWFOOT

Landscape/Irrigation Tap address (physical location of tap) POC #1: 171911/2 N. PINERY PARKWAY

| Landscape Area | Low Water Native Grass and Spray Shrubs & Perennials |                               |                                        |                    | Sub-Total of (calculated) Areas | PWS D one SFE per 6000 | SFE Requirement (Sub-Total Calculation divided by 6000 = requirement) |
|----------------|------------------------------------------------------|-------------------------------|----------------------------------------|--------------------|---------------------------------|------------------------|-----------------------------------------------------------------------|
|                | High Water TURF (6,000sf = 1 SFE)                    | Perennials (10,000sf = 1 SFE) | Drip Irrigated area (20,000sf = 1 SFE) | Non-Irrigated area |                                 |                        |                                                                       |
| Area #1        | 0 sf x 1 = 0                                         | 61,365 sf x .6 = 36,819       | 18,470 sf x .3 = 5,541                 | 0 sf x 0 = 0       | 42,360 sf                       | 6,000                  | 7.06 SFE's                                                            |

Worksheet Completed by: MICHELLE PETERSON  
Company: MPI DESIGNS  
Address: PO BOX 345, WINDSOR, CO  
Phone #: 970-402-3047

Owner/Developer: EXS MANAGEMENT  
Attn: MATT JENKE  
Billing Address: 7353 SOUTH ALTON WAY, CENTENNIAL  
Phone #: N/A

ET Controller (with Rain Sensor)

|              |                                            |
|--------------|--------------------------------------------|
| Manufacturer | WEATHERMATIC                               |
| Model number | SMARTLINK SL4800 WITH SLWS WEATHER STATION |

Tap Size Requirements:  
0 - 1 SFE's requires a 3/4-inch tap  
1.1 - 2.0 SFE's requires a 1-inch tap  
2.1 - 4.0 SFE's requires a 1 1/2-inch tap  
4.1 - 7.0 SFE's requires a 2-inch tap  
7.1 - 16.0 SFE's requires a 3-inch tap



Landscape/Irrigation Worksheet

Project Name: TRAILS AT CROWFOOT

Landscape/Irrigation Tap address (physical location of tap) POC #4 : 14350 1/2 SHASTA DAISY STREET

| Landscape Area | Low Water Native Grass and Spray Shrubs & Perennials |                               |                                        |                    | Sub-Total of (calculated) Areas | PWS D one SFE per 6000 | SFE Requirement (Sub-Total Calculation divided by 6000 = requirement) |
|----------------|------------------------------------------------------|-------------------------------|----------------------------------------|--------------------|---------------------------------|------------------------|-----------------------------------------------------------------------|
|                | High Water TURF (6,000sf = 1 SFE)                    | Perennials (10,000sf = 1 SFE) | Drip Irrigated area (20,000sf = 1 SFE) | Non-Irrigated area |                                 |                        |                                                                       |
| Area #1        | 0 sf x 1 = 0                                         | 62,855 sf x .6 = 37,713       | 13,325 sf x .3 = 3,998                 | 0 sf x 0 = 0       | 41,711 sf                       | 6,000                  | 6.95 SFE's                                                            |

Worksheet Completed by: MICHELLE PETERSON  
Company: MPI DESIGNS  
Address: PO BOX 345, WINDSOR, CO  
Phone #: 970-402-3047

Owner/Developer: EXS MANAGEMENT  
Attn: MATT JENKE  
Billing Address: 7353 SOUTH ALTON WAY, CENTENNIAL  
Phone #: N/A

ET Controller (with Rain Sensor)

|              |                                            |
|--------------|--------------------------------------------|
| Manufacturer | WEATHERMATIC                               |
| Model number | SMARTLINK SL4800 WITH SLWS WEATHER STATION |

Tap Size Requirements:  
0 - 1 SFE's requires a 3/4-inch tap  
1.1 - 2.0 SFE's requires a 1-inch tap  
2.1 - 4.0 SFE's requires a 1 1/2-inch tap  
4.1 - 7.0 SFE's requires a 2-inch tap  
7.1 - 16.0 SFE's requires a 3-inch tap



Landscape/Irrigation Worksheet

Project Name: TRAILS AT CROWFOOT

Landscape/Irrigation Tap address (physical location of tap) POC #2 : 17730 1/2 BAYOU GULCH ROAD

| Landscape Area | Low Water Native Grass and Spray Shrubs & Perennials |                               |                                        |                    | Sub-Total of (calculated) Areas | PWS D one SFE per 6000 | SFE Requirement (Sub-Total Calculation divided by 6000 = requirement) |
|----------------|------------------------------------------------------|-------------------------------|----------------------------------------|--------------------|---------------------------------|------------------------|-----------------------------------------------------------------------|
|                | High Water TURF (6,000sf = 1 SFE)                    | Perennials (10,000sf = 1 SFE) | Drip Irrigated area (20,000sf = 1 SFE) | Non-Irrigated area |                                 |                        |                                                                       |
| Area #1        | 0 sf x 1 = 0                                         | 66,186 sf x .6 = 39,712       | 8,329 sf x .3 = 2,499                  | 0 sf x 0 = 0       | 42,210 sf                       | 6,000                  | 7.04 SFE's                                                            |

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Billing Address: 7353 SOUTH ALTON WAY, CENTENNIAL  
Phone #: N/A

ET Controller (with Rain Sensor)

|              |                                            |
|--------------|--------------------------------------------|
| Manufacturer | WEATHERMATIC                               |
| Model number | SMARTLINK SL4800 WITH SLWS WEATHER STATION |

Tap Size Requirements:  
0 - 1 SFE's requires a 3/4-inch tap  
1.1 - 2.0 SFE's requires a 1-inch tap  
2.1 - 4.0 SFE's requires a 1 1/2-inch tap  
4.1 - 7.0 SFE's requires a 2-inch tap  
7.1 - 16.0 SFE's requires a 3-inch tap



Landscape/Irrigation Worksheet

Project Name: TRAILS AT CROWFOOT

Landscape/Irrigation Tap address (physical location of tap) POC #3 : 175601/2 SCARLET SAGE AVENUE

| Landscape Area | Low Water Native Grass and Spray Shrubs & Perennials |                               |                                        |                    | Sub-Total of (calculated) Areas | PWS D one SFE per 6000 | SFE Requirement (Sub-Total Calculation divided by 6000 = requirement) |
|----------------|------------------------------------------------------|-------------------------------|----------------------------------------|--------------------|---------------------------------|------------------------|-----------------------------------------------------------------------|
|                | High Water TURF (6,000sf = 1 SFE)                    | Perennials (10,000sf = 1 SFE) | Drip Irrigated area (20,000sf = 1 SFE) | Non-Irrigated area |                                 |                        |                                                                       |
| Area #1        | 10,482 sf x 1 = 10,482                               | 45,777 sf x .6 = 27,468       | 10,624 sf x .3 = 3,187                 | 0 sf x 0 = 0       | 41,011 sf                       | 6,000                  | 6.84 SFE's                                                            |

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Phone #: N/A

ET Controller (with Rain Sensor)

|              |                                            |
|--------------|--------------------------------------------|
| Manufacturer | WEATHERMATIC                               |
| Model number | SMARTLINK SL4800 WITH SLWS WEATHER STATION |

Tap Size Requirements:  
0 - 1 SFE's requires a 3/4-inch tap  
1.1 - 2.0 SFE's requires a 1-inch tap  
2.1 - 4.0 SFE's requires a 1 1/2-inch tap  
4.1 - 7.0 SFE's requires a 2-inch tap  
7.1 - 16.0 SFE's requires a 3-inch tap



Landscape/Irrigation Worksheet

Project Name: TRAILS AT CROWFOOT

Landscape/Irrigation Tap address (physical location of tap) POC #6: 14041 1/2 ALPINE PHLOX STREET

| Landscape Area | Low Water Native Grass and Spray Shrubs & Perennials |                               |                                        |                    | Sub-Total of (calculated) Areas | PWS D one SFE per 6000 | SFE Requirement (Sub-Total Calculation divided by 6000 = requirement) |
|----------------|------------------------------------------------------|-------------------------------|----------------------------------------|--------------------|---------------------------------|------------------------|-----------------------------------------------------------------------|
|                | High Water TURF (6,000sf = 1 SFE)                    | Perennials (10,000sf = 1 SFE) | Drip Irrigated area (20,000sf = 1 SFE) | Non-Irrigated area |                                 |                        |                                                                       |
| Area #1        | 0 sf x 1 = 0                                         | 61,593 sf x .6 = 36,956       | 13,666 sf x .3 = 4,100                 | 0 sf x 0 = 0       | 41,056 sf                       | 6,000                  | 6.84 SFE's                                                            |

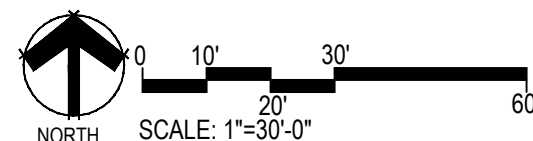
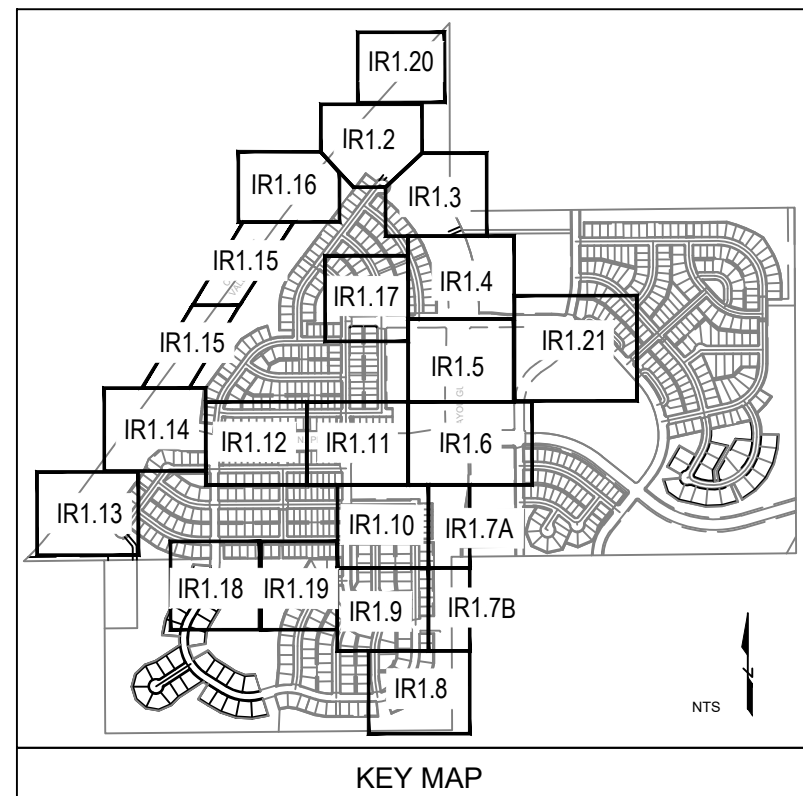
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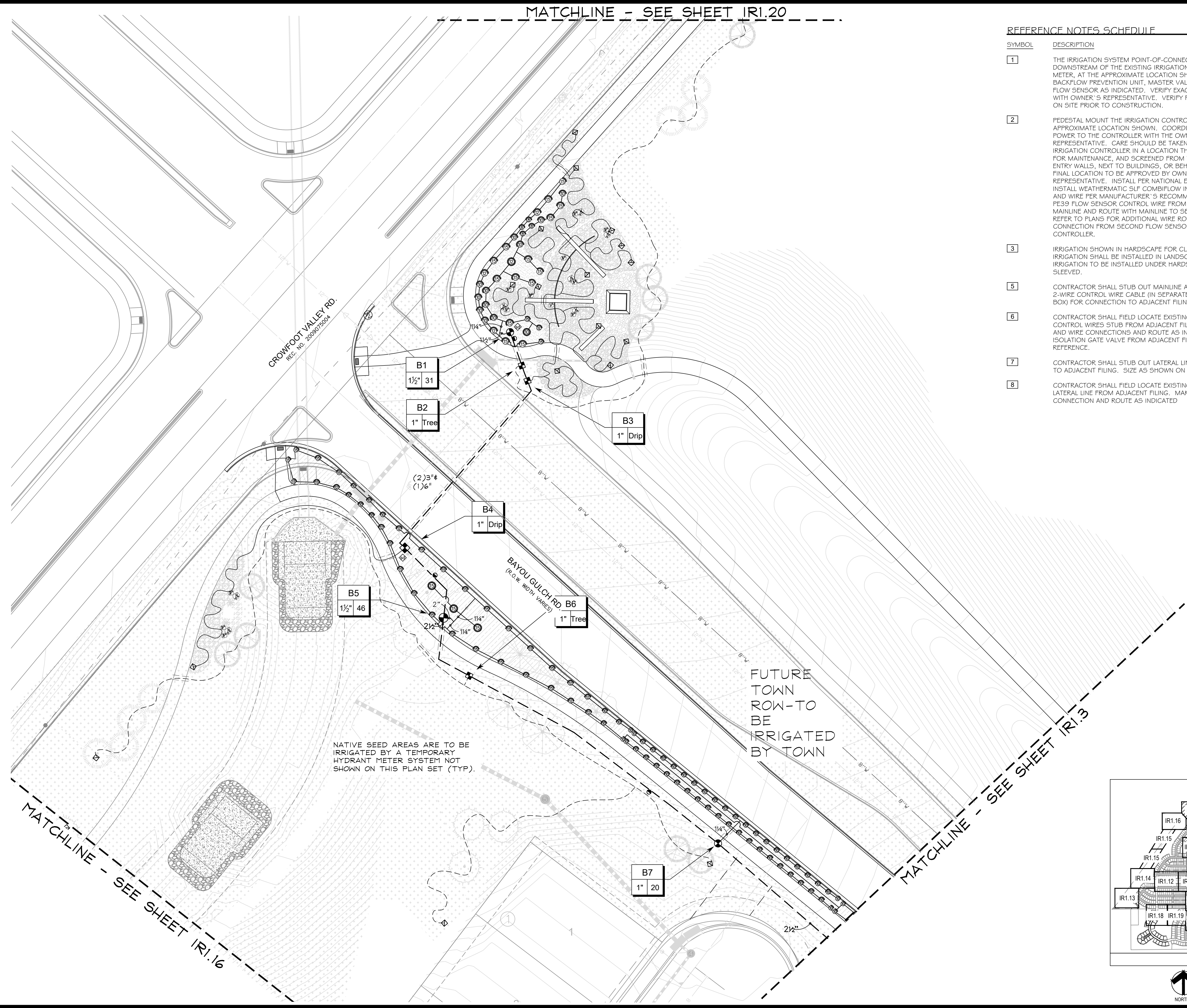
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ET Controller (with Rain Sensor)

|              |                                            |
|--------------|--------------------------------------------|
| Manufacturer | WEATHERMATIC                               |
| Model number | SMARTLINK SL4800 WITH SLWS WEATHER STATION |

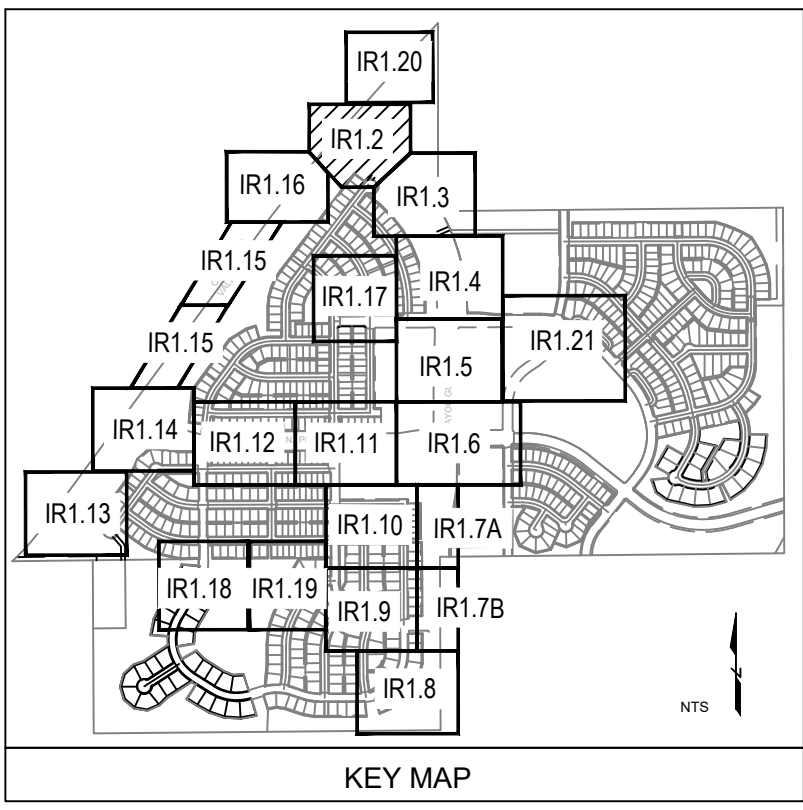
Tap Size Requirements:  
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2.1 - 4.0 SFE's requires a 1 1/2-inch tap  
4.1 - 7.0 SFE's requires a 2-inch tap  
7.1 - 16.0 SFE's requires a 3-inch tap





REFERENCE NOTES SCHEDULE

- | SYMBOL | DESCRIPTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1      | THE IRRIGATION SYSTEM POINT-OF-CONNECTION (POC) SHALL BE DOWNSTREAM OF THE EXISTING IRRIGATION WATER TAP AND METER, AT THE APPROXIMATE LOCATION SHOWN. INSTALL BACKFLOW PREVENTION UNIT, MASTER VALVE ASSEMBLY, AND FLOW SENSOR AS INDICATED. VERIFY EXACT LOCATION OF POC WITH OWNER'S REPRESENTATIVE. VERIFY PRESSURE AND FLOW ON SITE PRIOR TO CONSTRUCTION.                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 2      | PEDESTAL MOUNT THE IRRIGATION CONTROLLER AT THE APPROXIMATE LOCATION SHOWN. COORDINATE ELECTRICAL POWER TO THE CONTROLLER WITH THE OWNER'S REPRESENTATIVE. CARE SHOULD BE TAKEN TO INSTALL THE IRRIGATION CONTROLLER IN A LOCATION THAT IS ACCESSIBLE FOR MAINTENANCE, AND SCREENED FROM VIEW EITHER BEHIND ENTRY WALLS, NEXT TO BUILDINGS, OR BEHIND PLANT MATERIAL. FINAL LOCATION TO BE APPROVED BY OWNER'S REPRESENTATIVE. INSTALL PER NATIONAL ELECTRIC CODE (NEC). INSTALL WEATHERMATIC SLF COMBIFLOW INSIDE CONTROLLER AND WIRE PER MANUFACTURER'S RECOMMENDATIONS. INSTALL PE39 FLOW SENSOR CONTROL WIRE FROM CONTROLLER TO MAINLINE AND ROUTE WITH MAINLINE TO SECOND FLOW SENSOR. REFER TO PLANS FOR ADDITIONAL WIRE ROUTING TO MAKE CONNECTION FROM SECOND FLOW SENSOR BACK TO CONTROLLER. |
| 3      | IRRIGATION SHOWN IN HARDSCAPE FOR CLARITY ONLY. ALL IRRIGATION SHALL BE INSTALLED IN LANDSCAPED AREA. ANY IRRIGATION TO BE INSTALLED UNDER HARDSCAPE SHALL BE SLEEVED.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| 5      | CONTRACTOR SHALL STUB OUT MAINLINE AND 3' FOOT COIL OF 2-WIRE CONTROL WIRE CABLE (IN SEPARATE 6" ROUND VALVE BOX) FOR CONNECTION TO ADJACENT FILING.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| 6      | CONTRACTOR SHALL FIELD LOCATE EXISTING MAINLINE AND CONTROL WIRES STUB FROM ADJACENT FILING. MAKE MAINLINE AND WIRE CONNECTIONS AND ROUTE AS INDICATED EXISTING ISOLATION GATE VALVE FROM ADJACENT FILING SHOWN FOR REFERENCE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| 7      | CONTRACTOR SHALL STUB OUT LATERAL LINE FOR CONNECTION TO ADJACENT FILING. SIZE AS SHOWN ON PLANS.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| 8      | CONTRACTOR SHALL FIELD LOCATE EXISTING SPRINKLER OR DRIP LATERAL LINE FROM ADJACENT FILING. MAKE NEW LATERAL LINE CONNECTION AND ROUTE AS INDICATED                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |



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TRAILS AT CROWFOOT  
FILING NO. 1  
PARKER, COLORADO  
IRRIGATION PLANS-RECORD DRAWINGS

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Checked by: TEAM  
Submittal Date: 06.07.2022  
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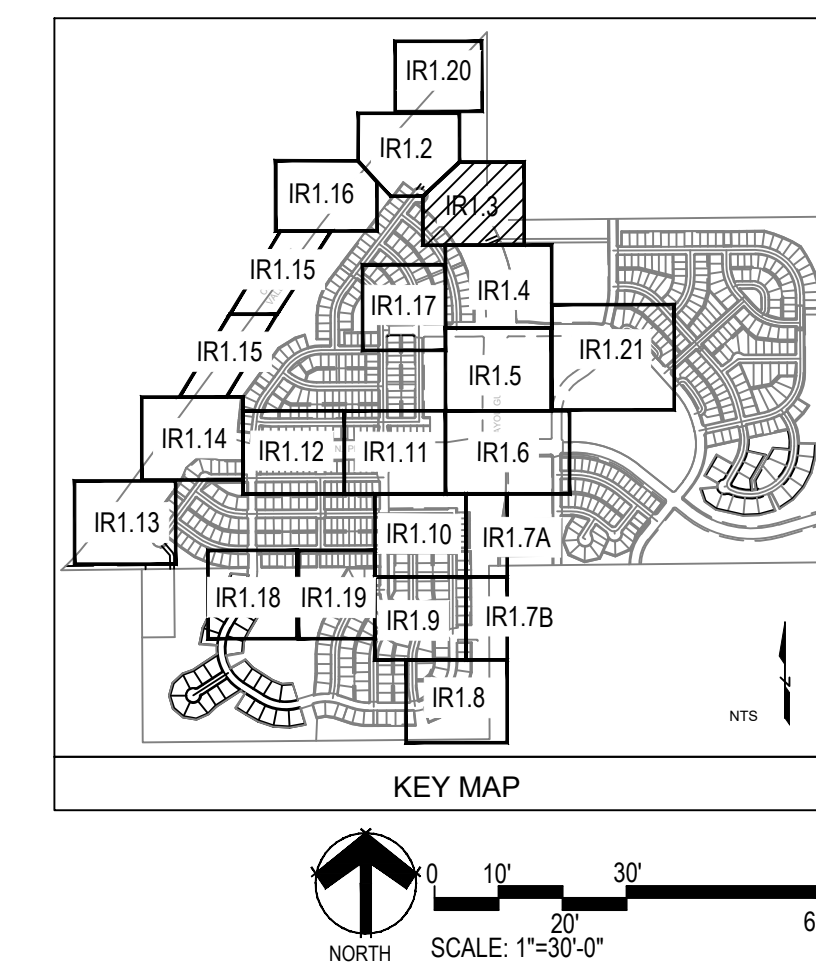
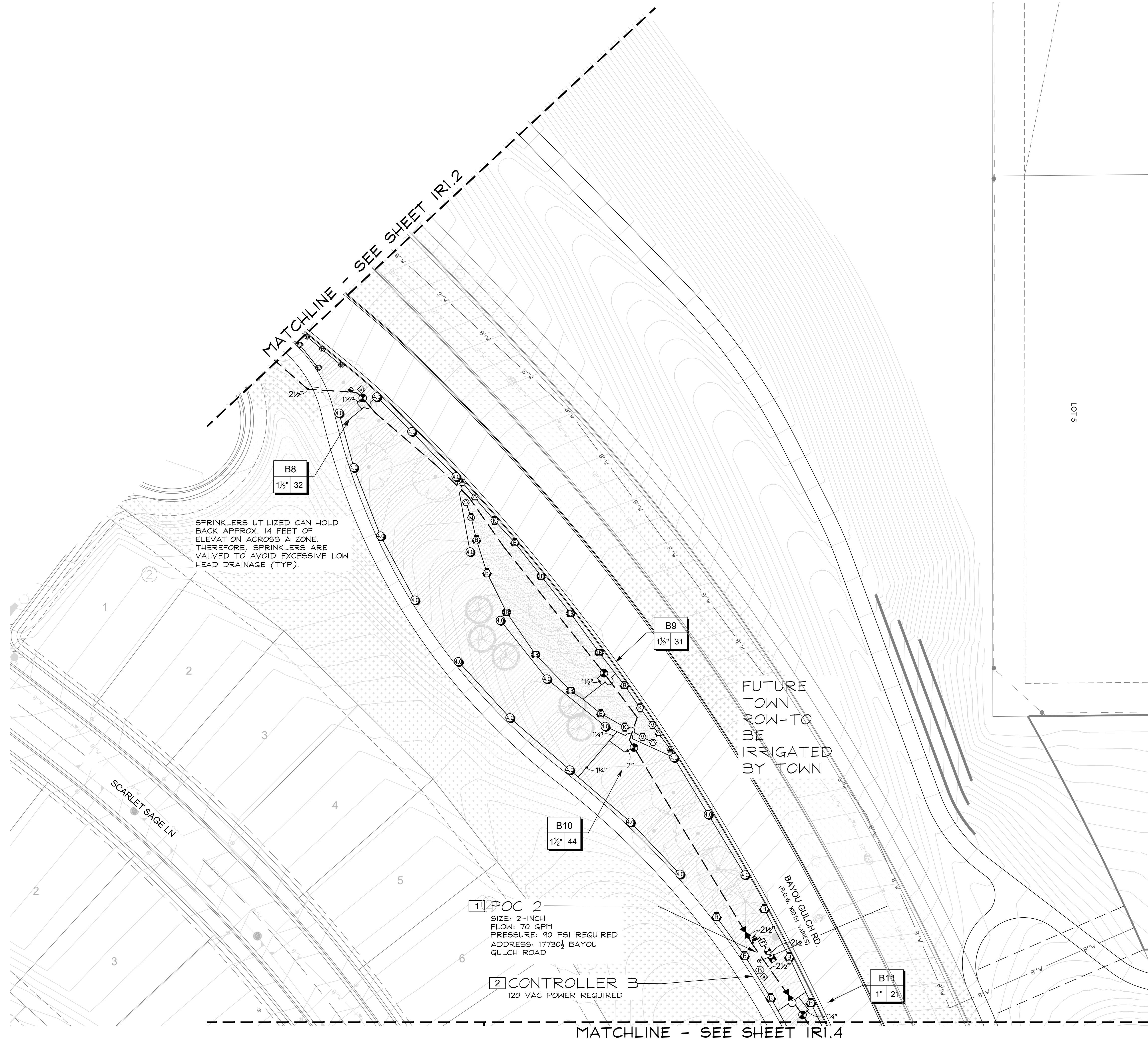
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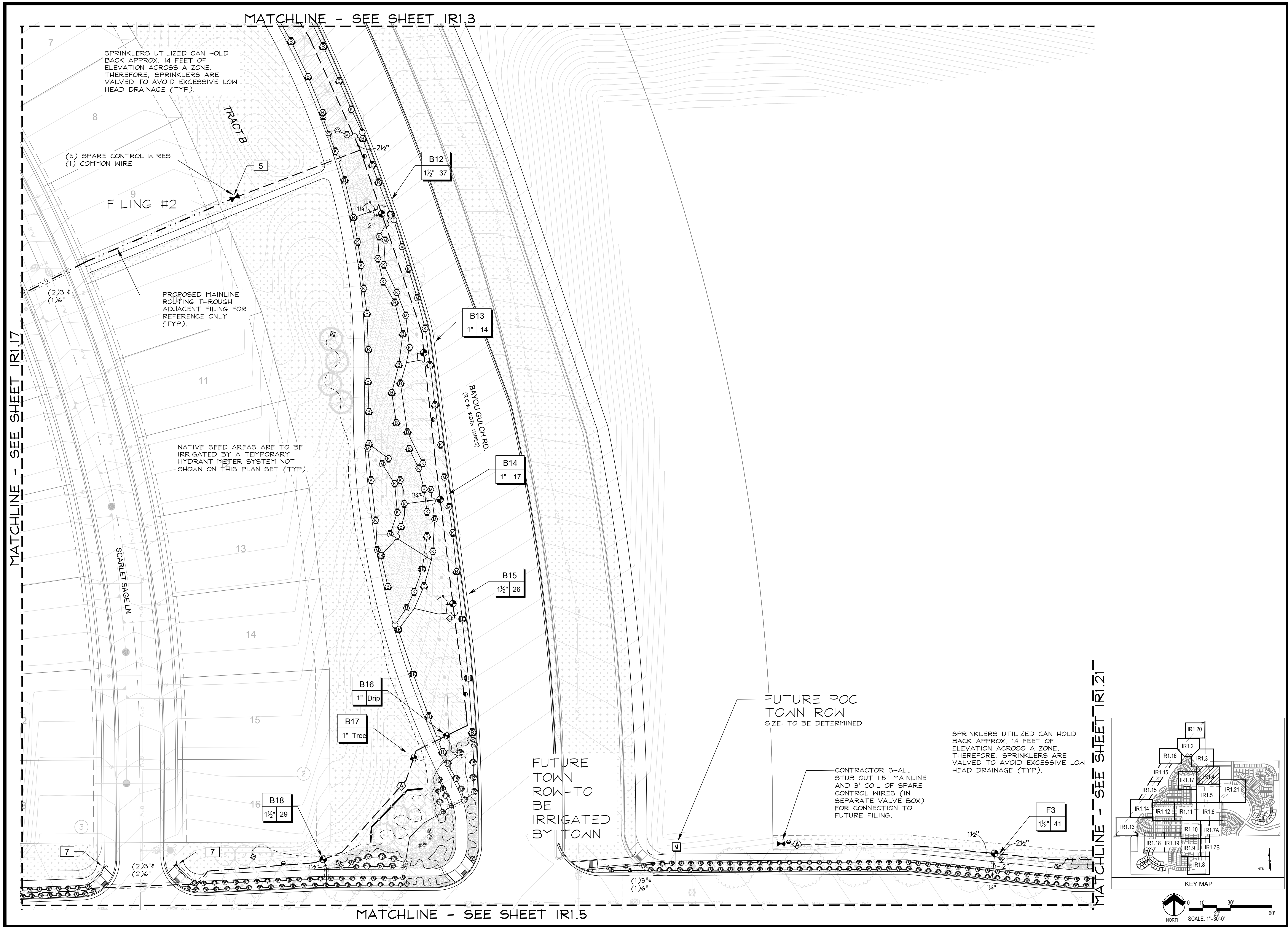
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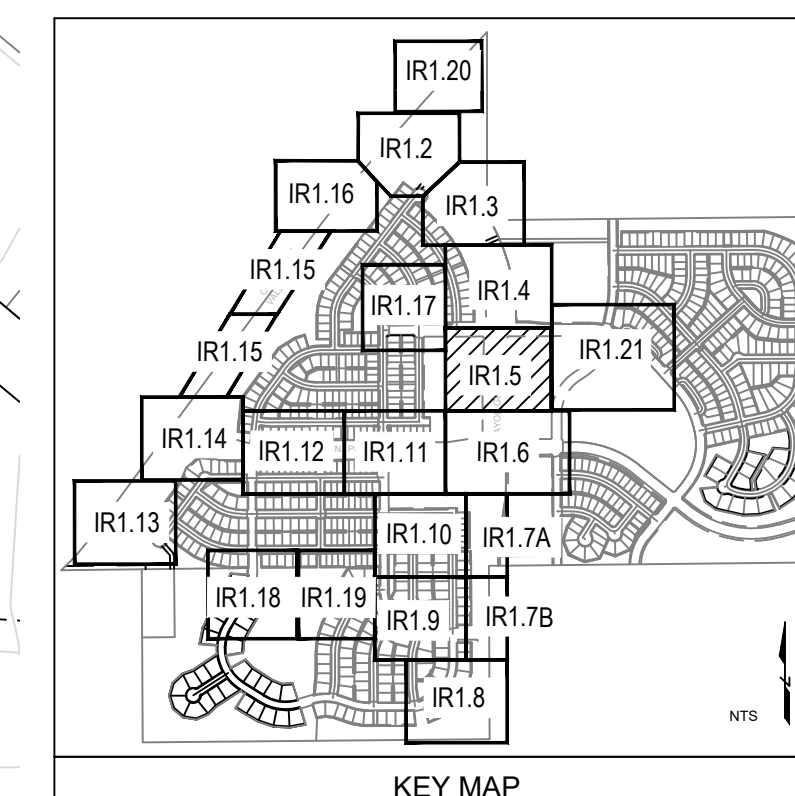
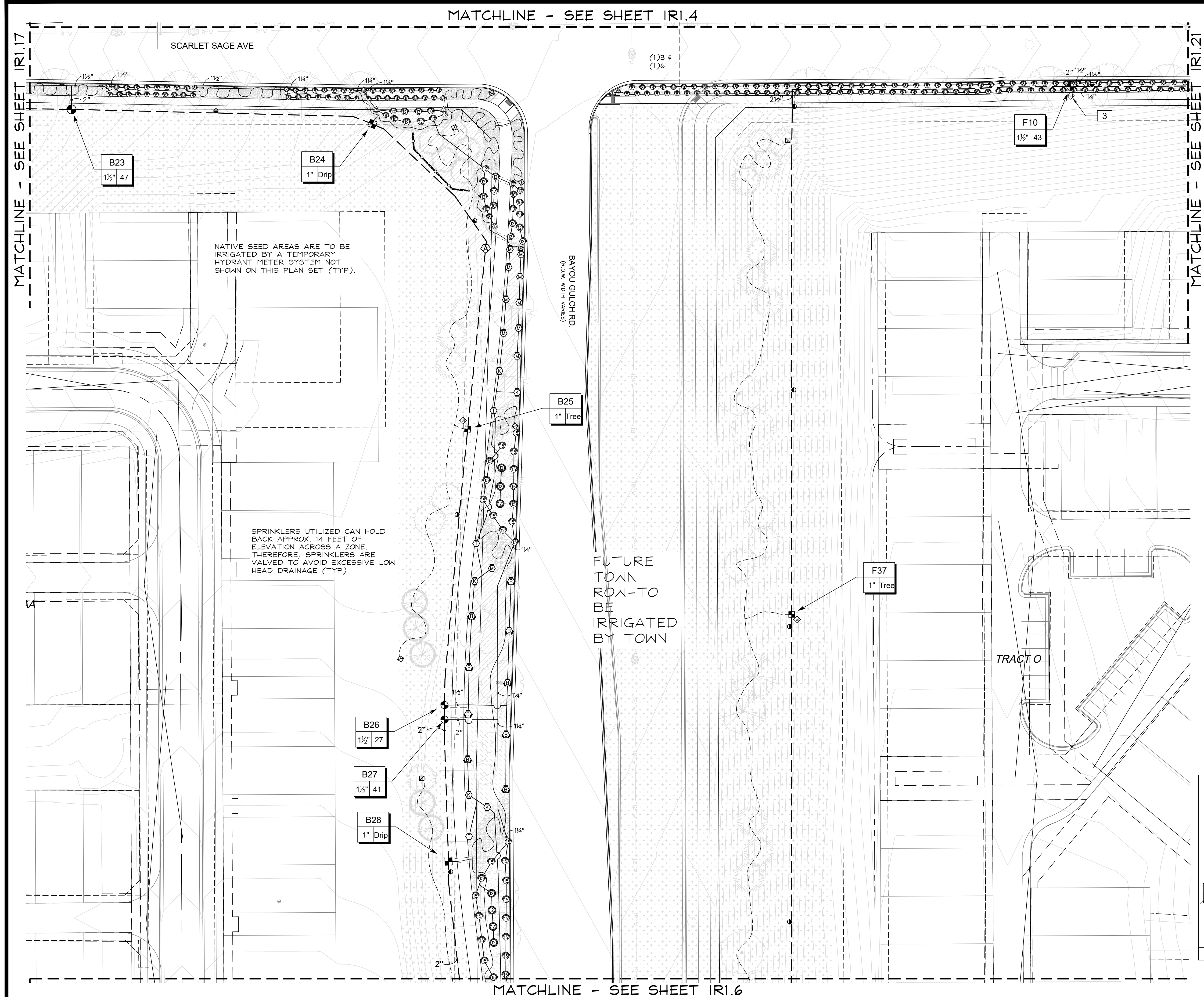
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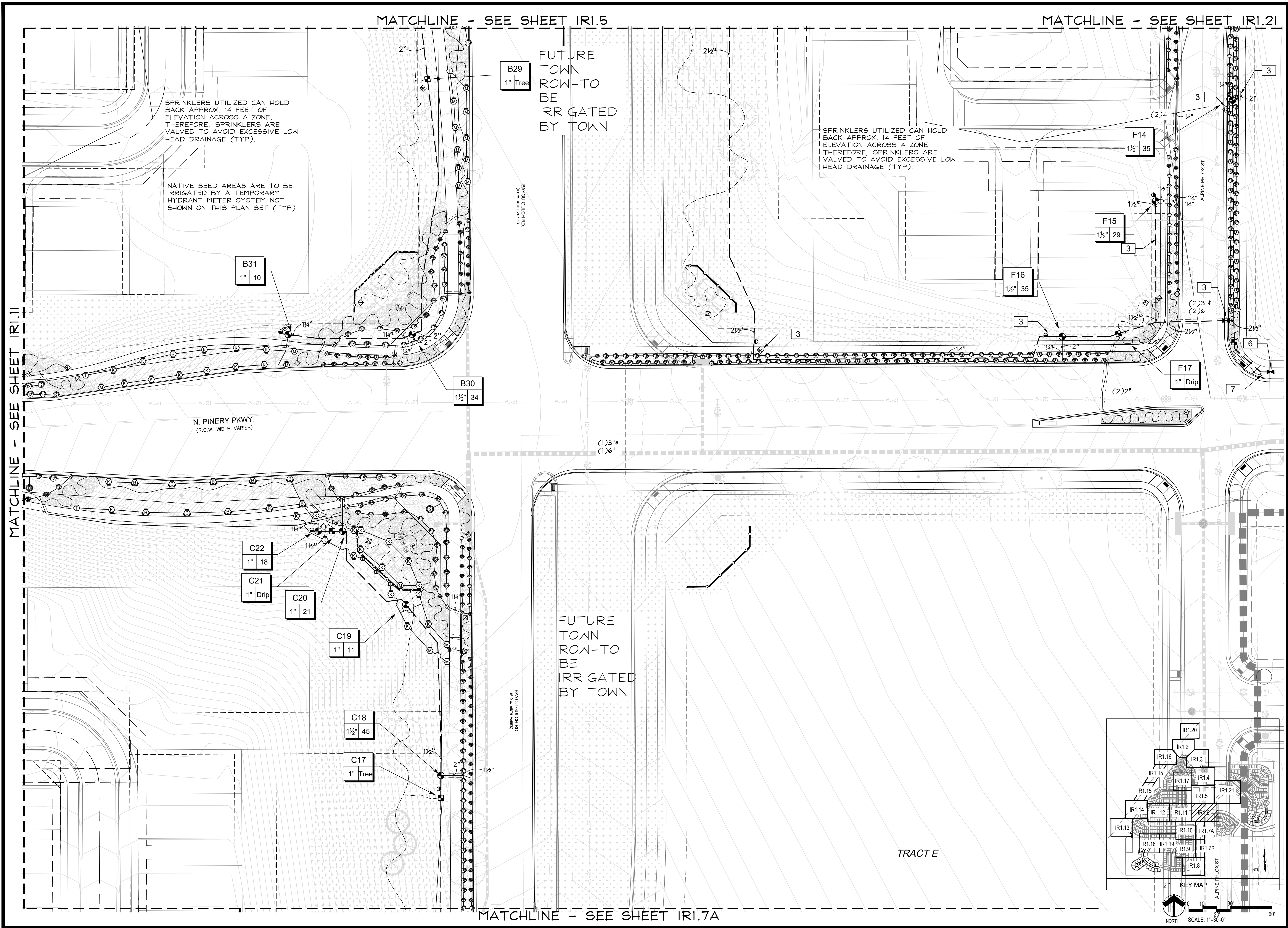


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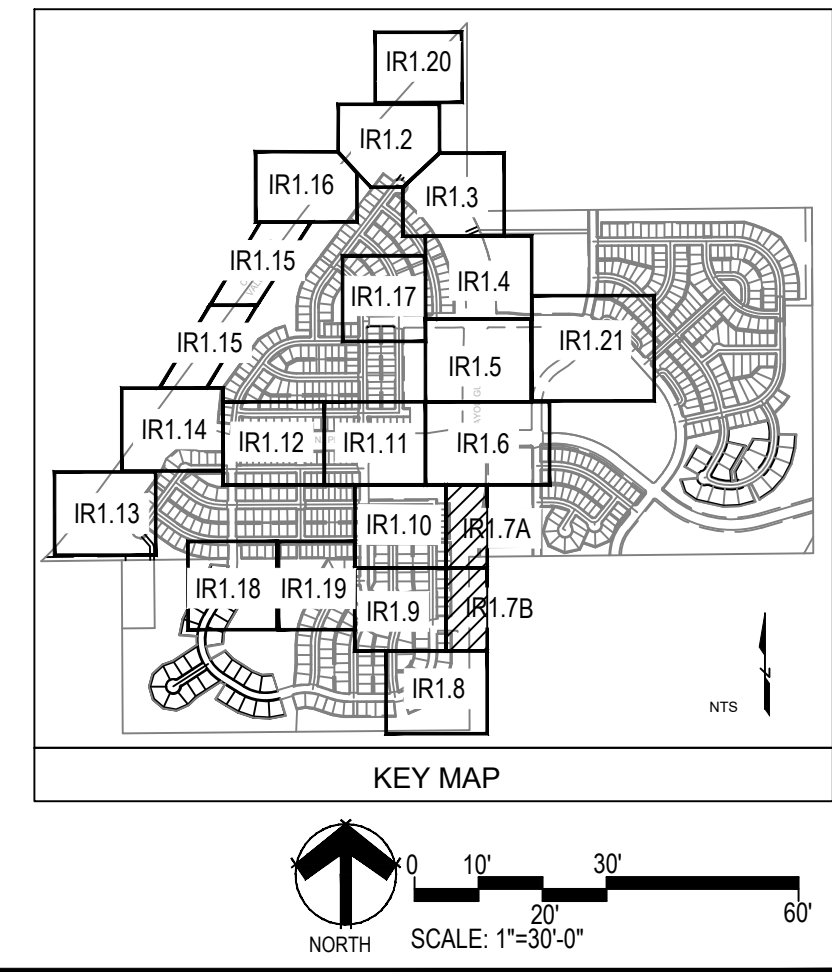
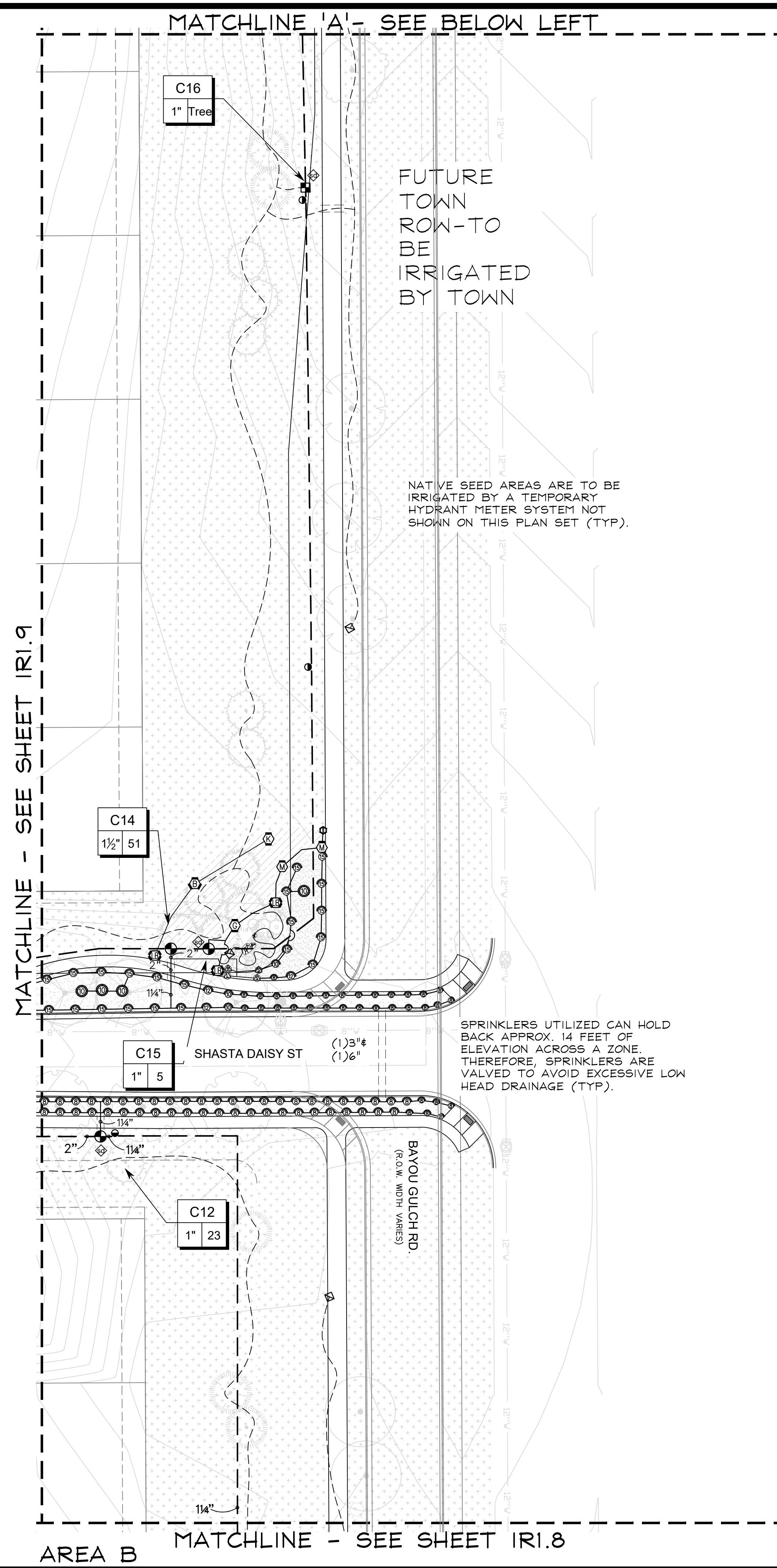
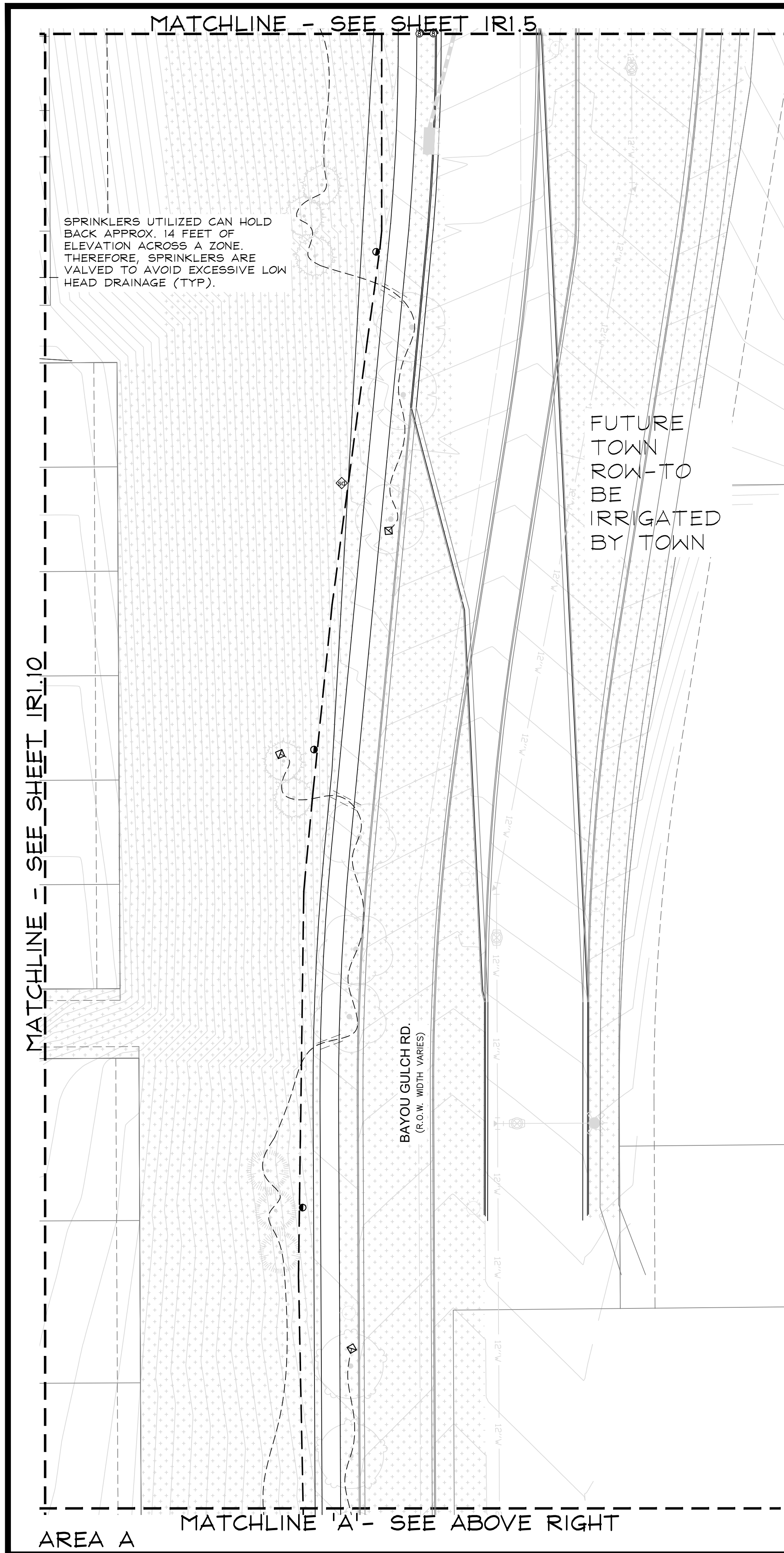
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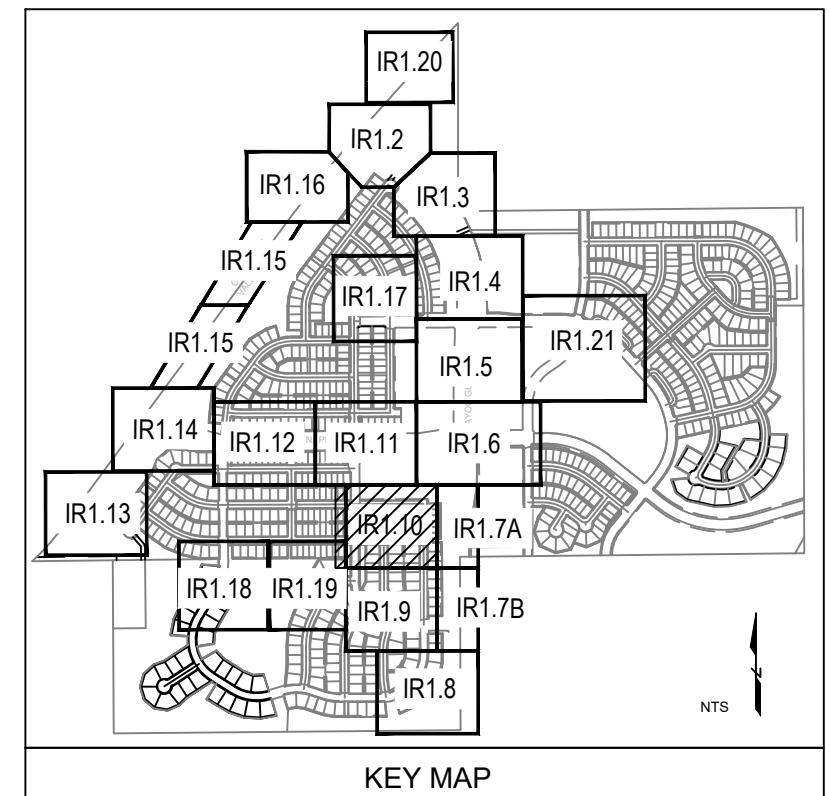
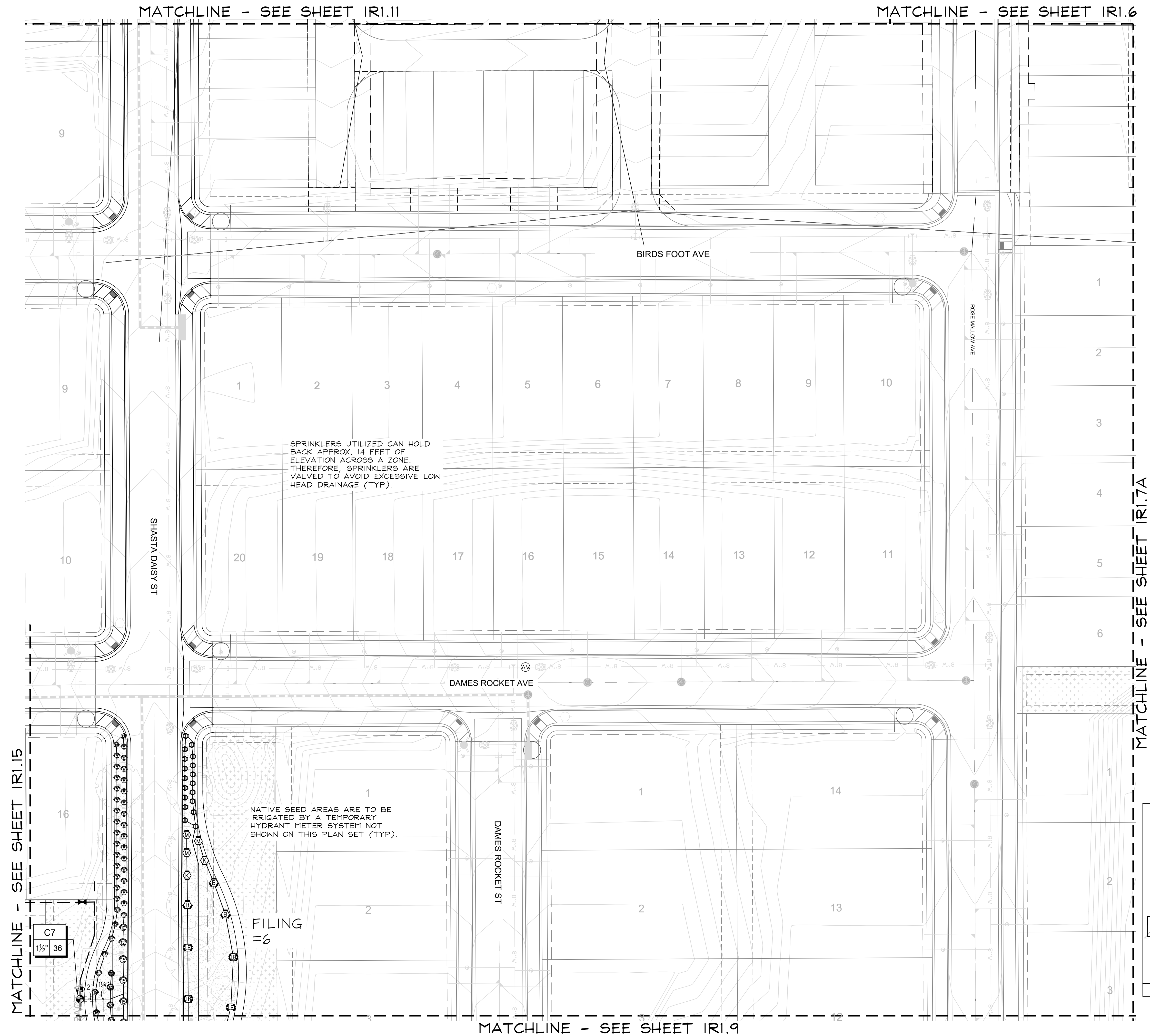


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NORTH SCALE: 1"=30'-0"

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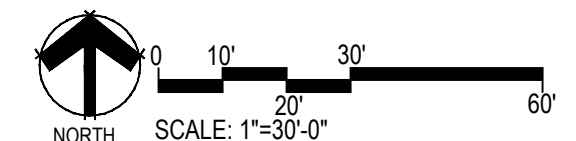
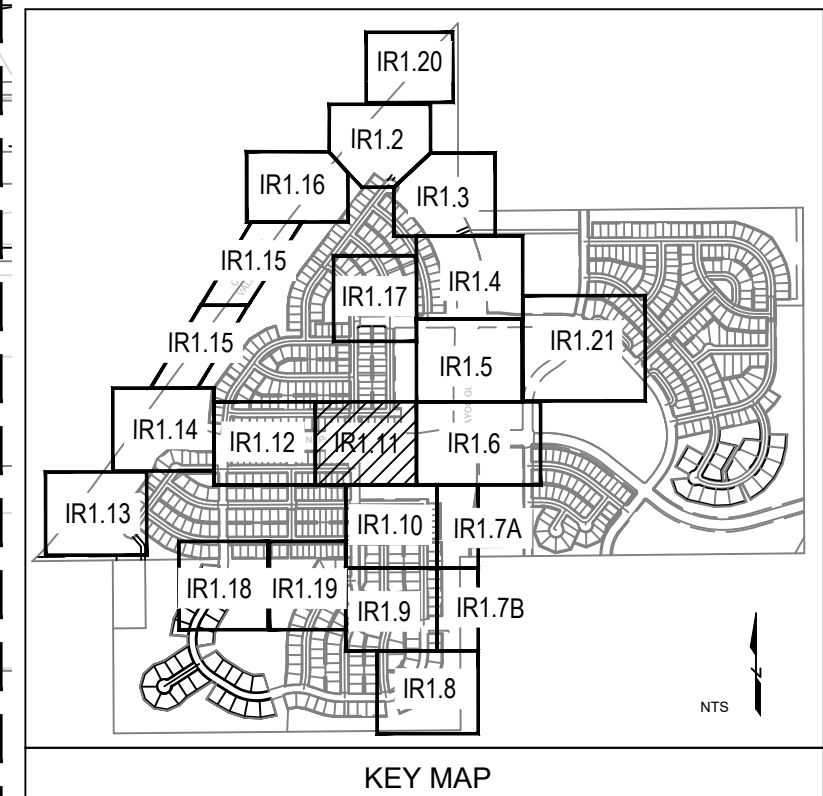
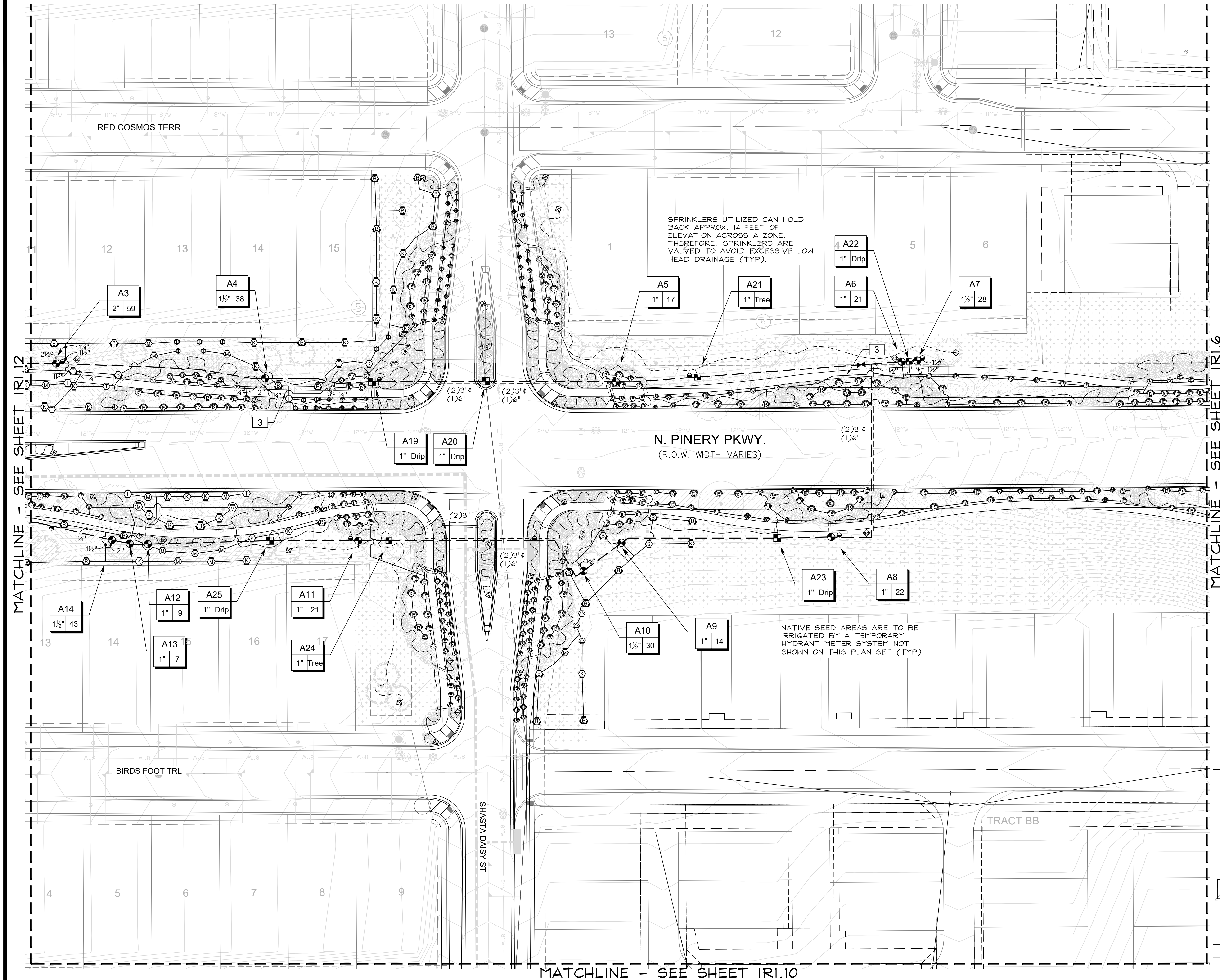
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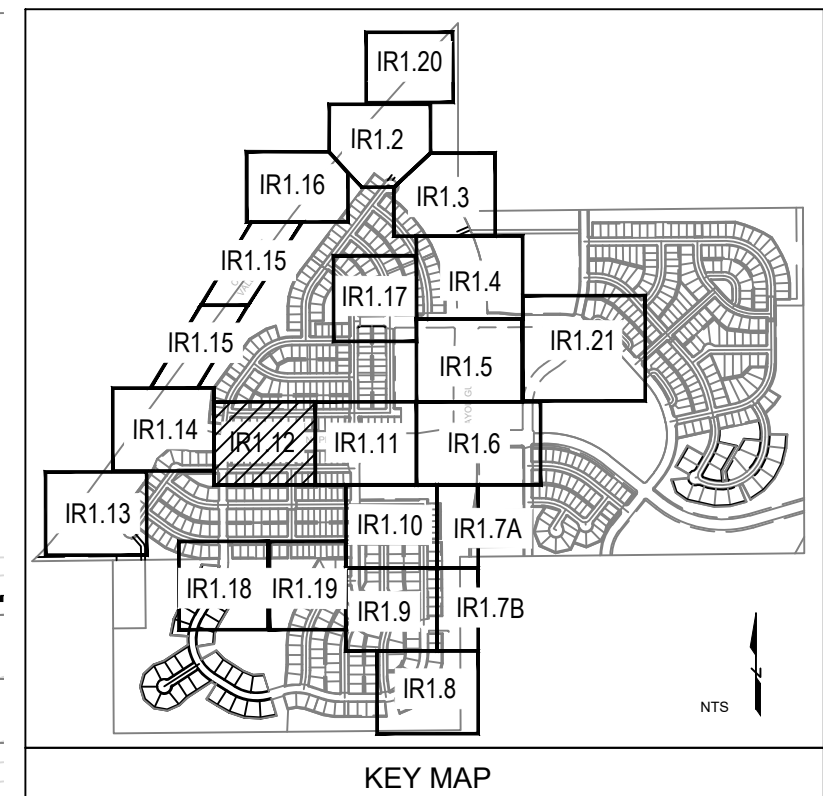
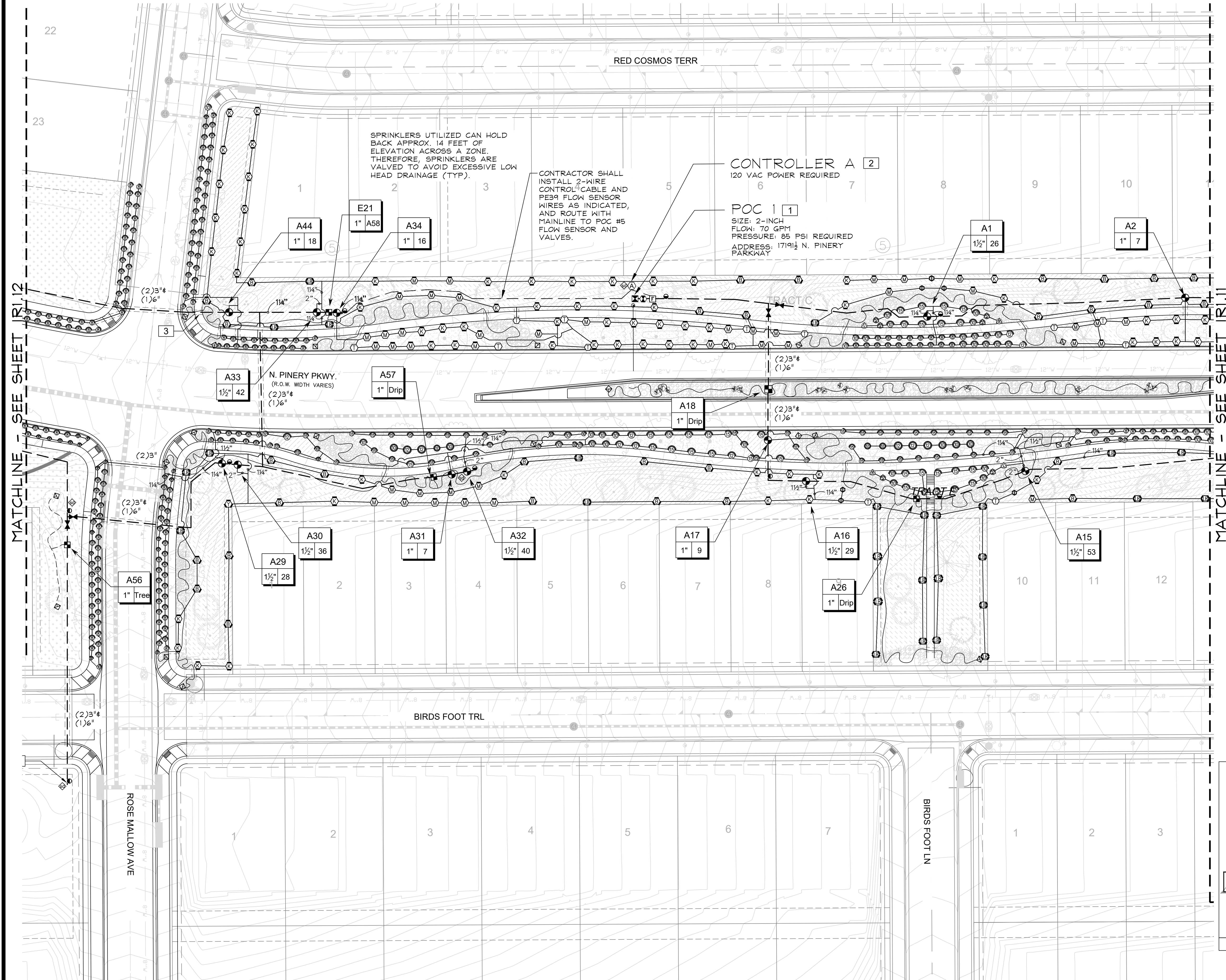
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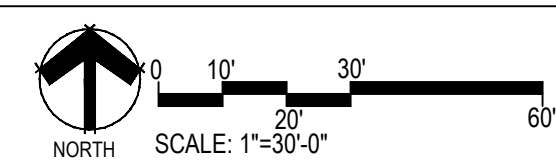
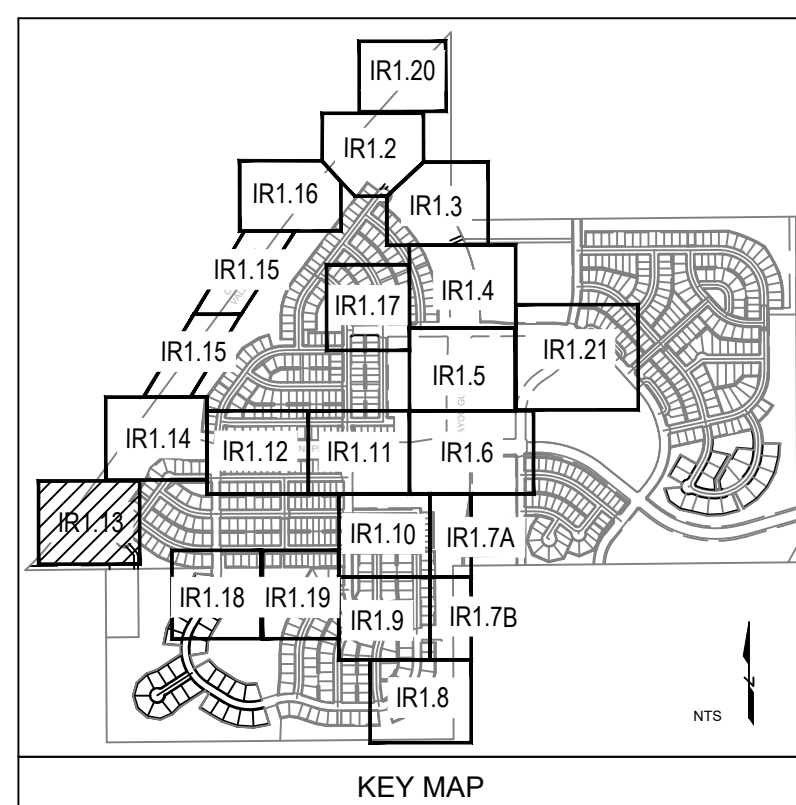
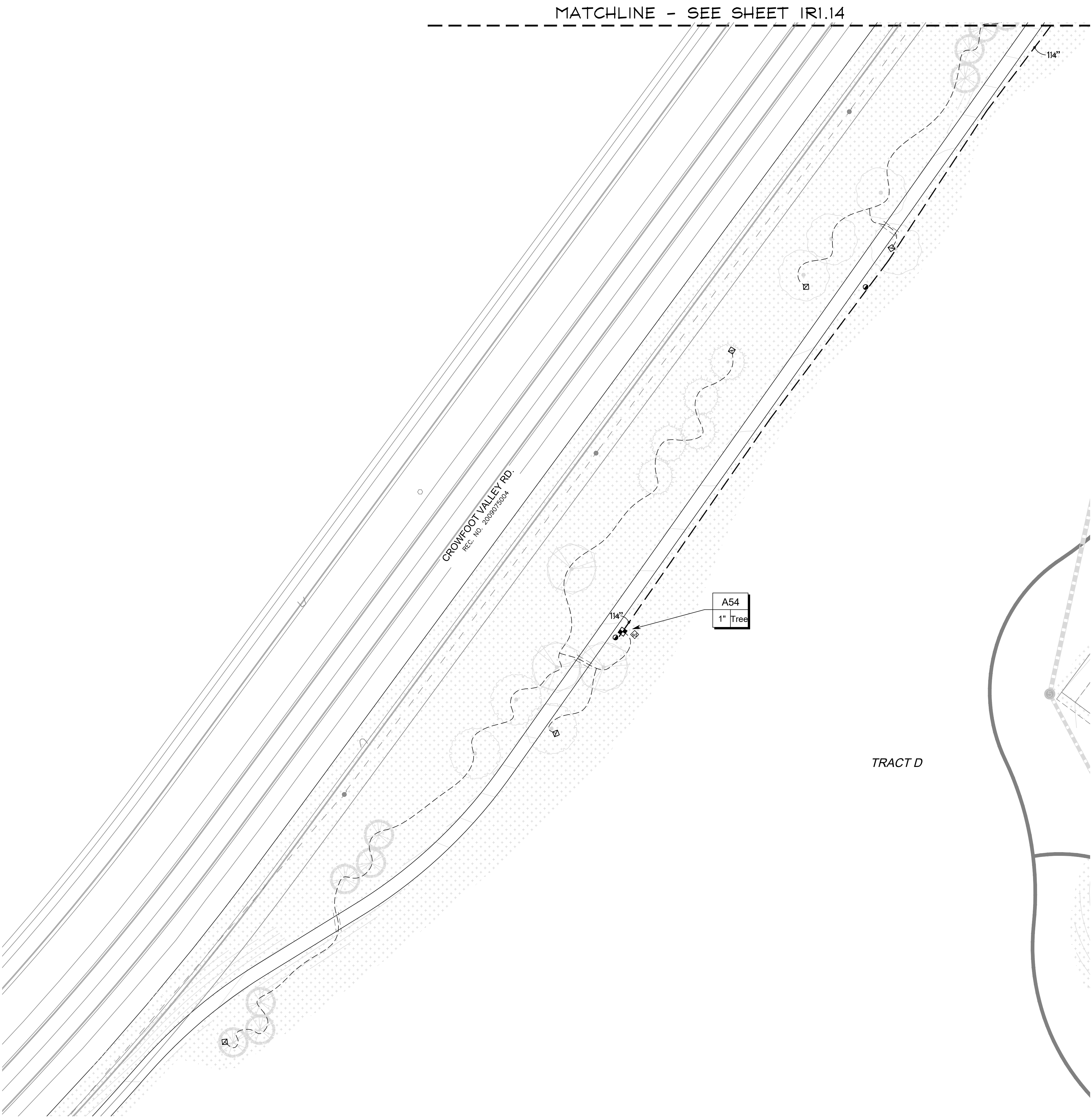
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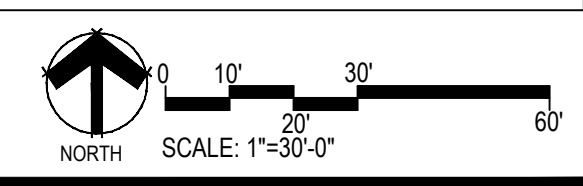
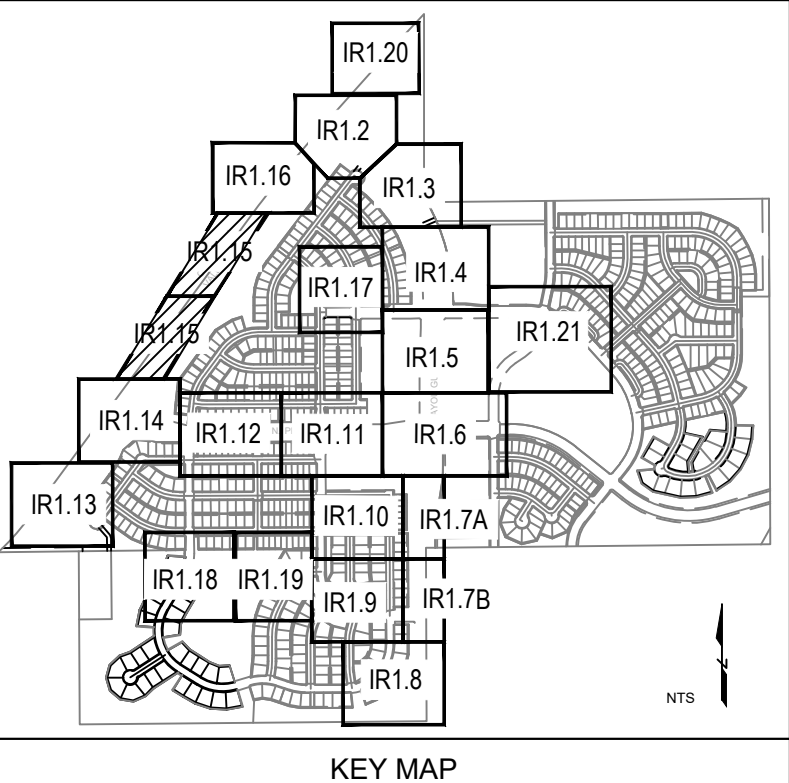
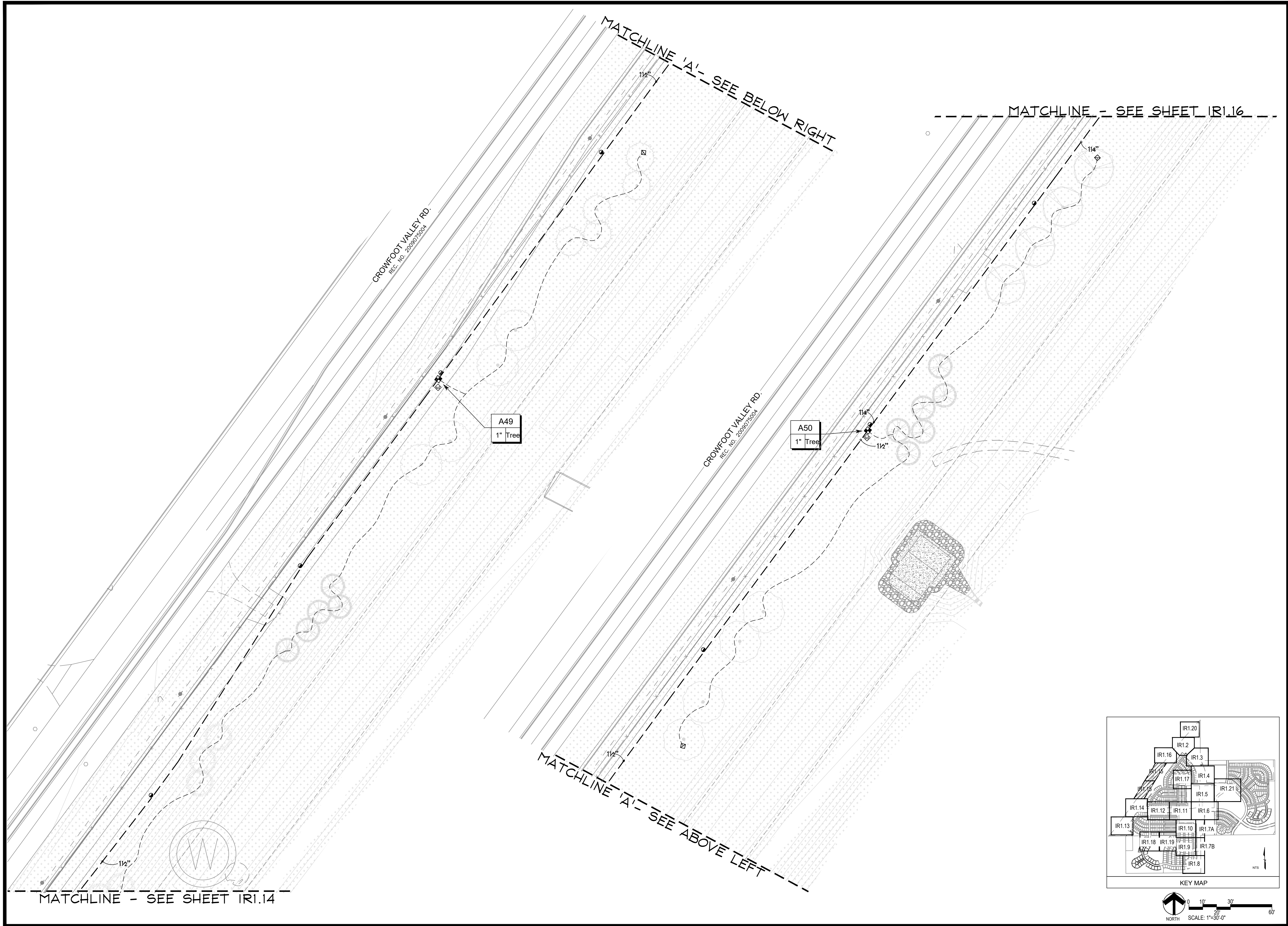
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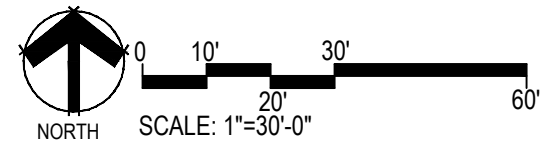
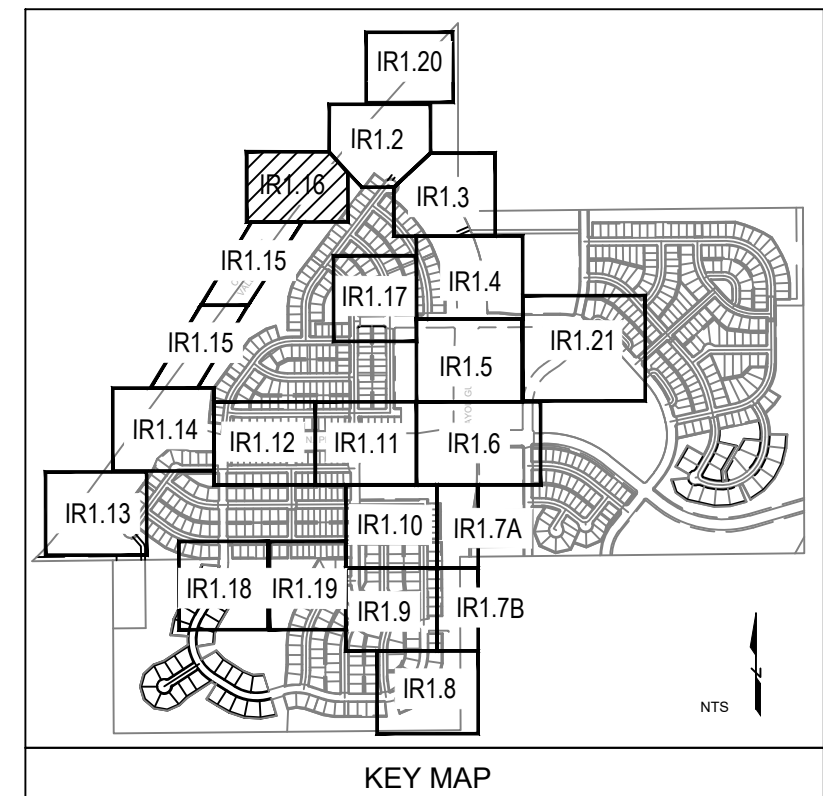
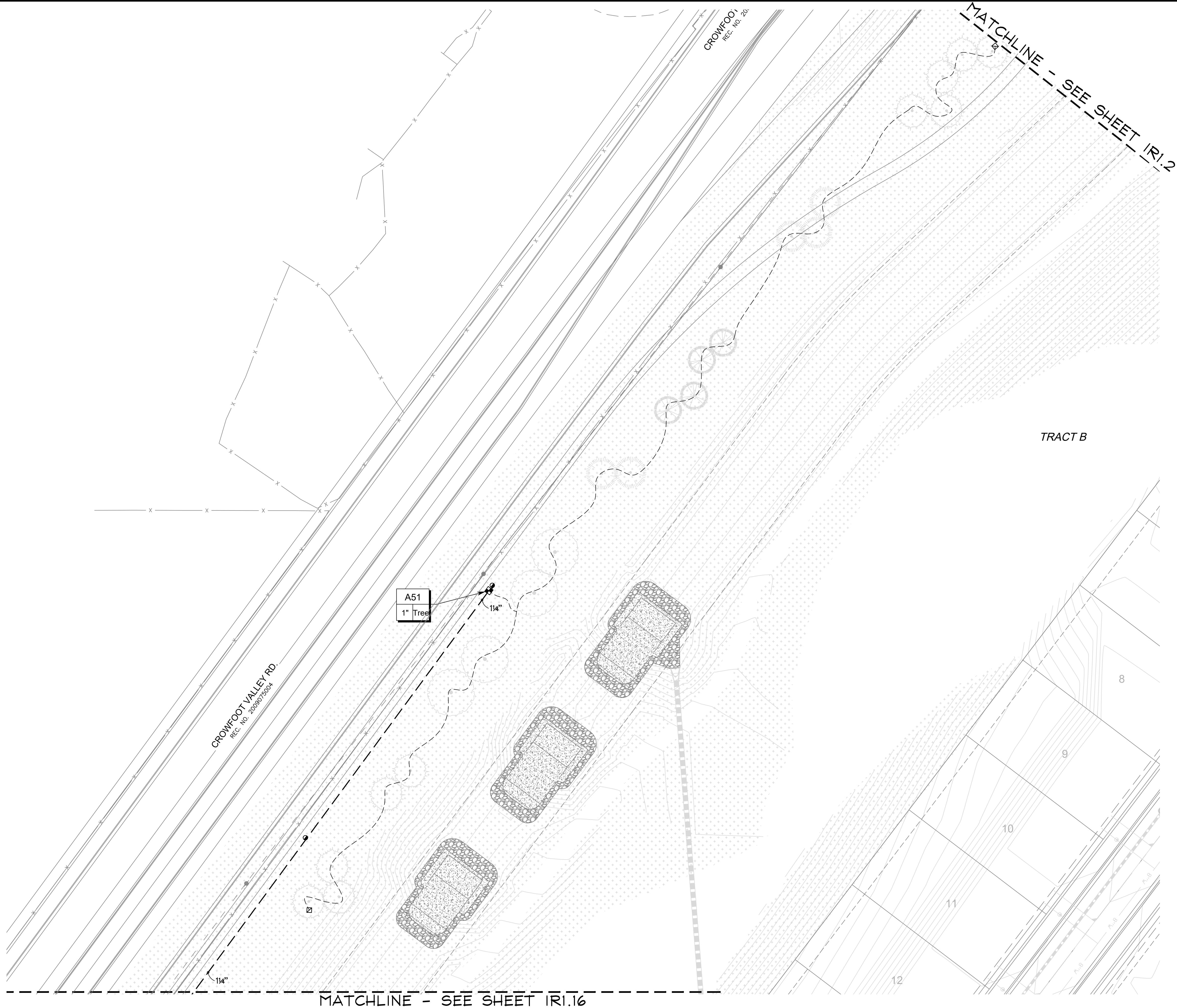
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TRAILS AT CROWFOOT  
FILING NO. 1  
PARKER, COLORADO  
IRRIGATION PLANS-RECORD DRAWINGS

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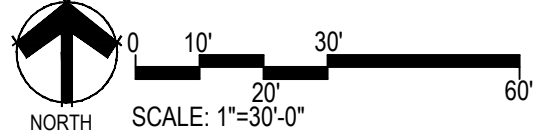
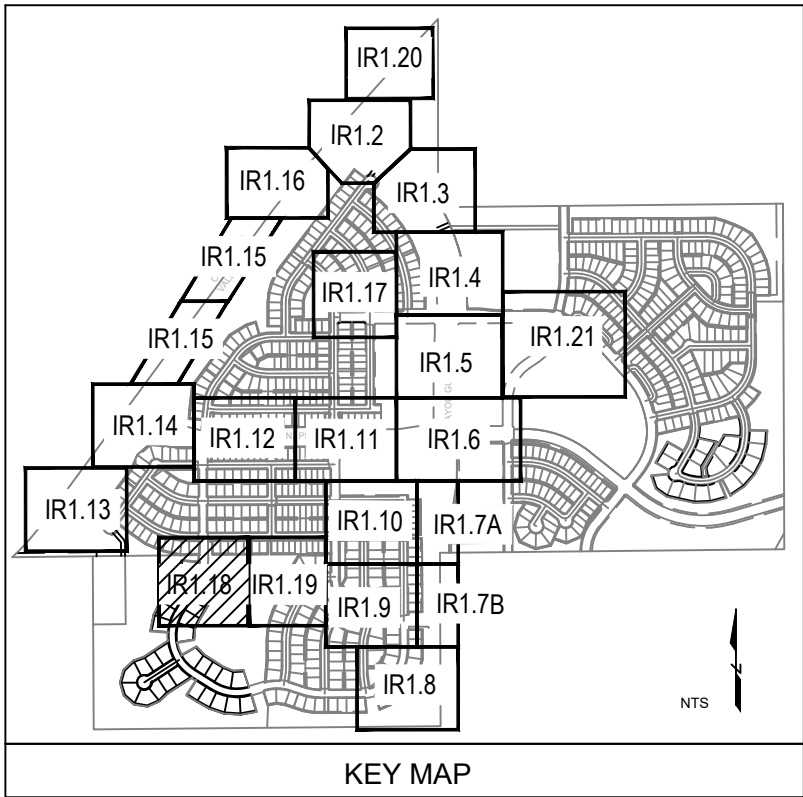

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MATCHLINE - SEE SHEET IR1.19



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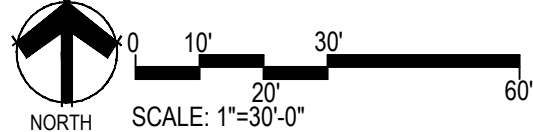
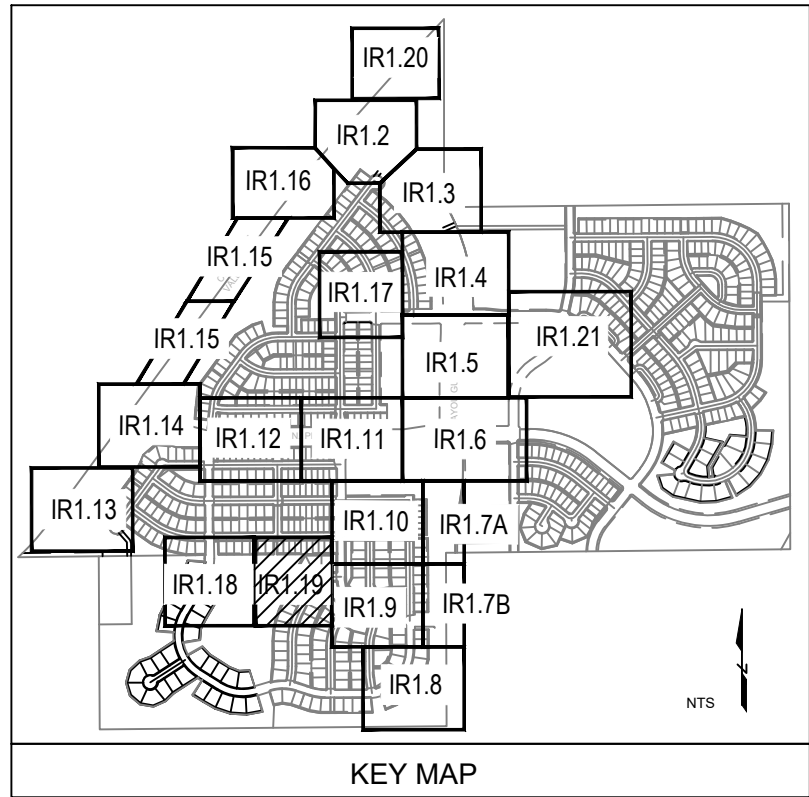
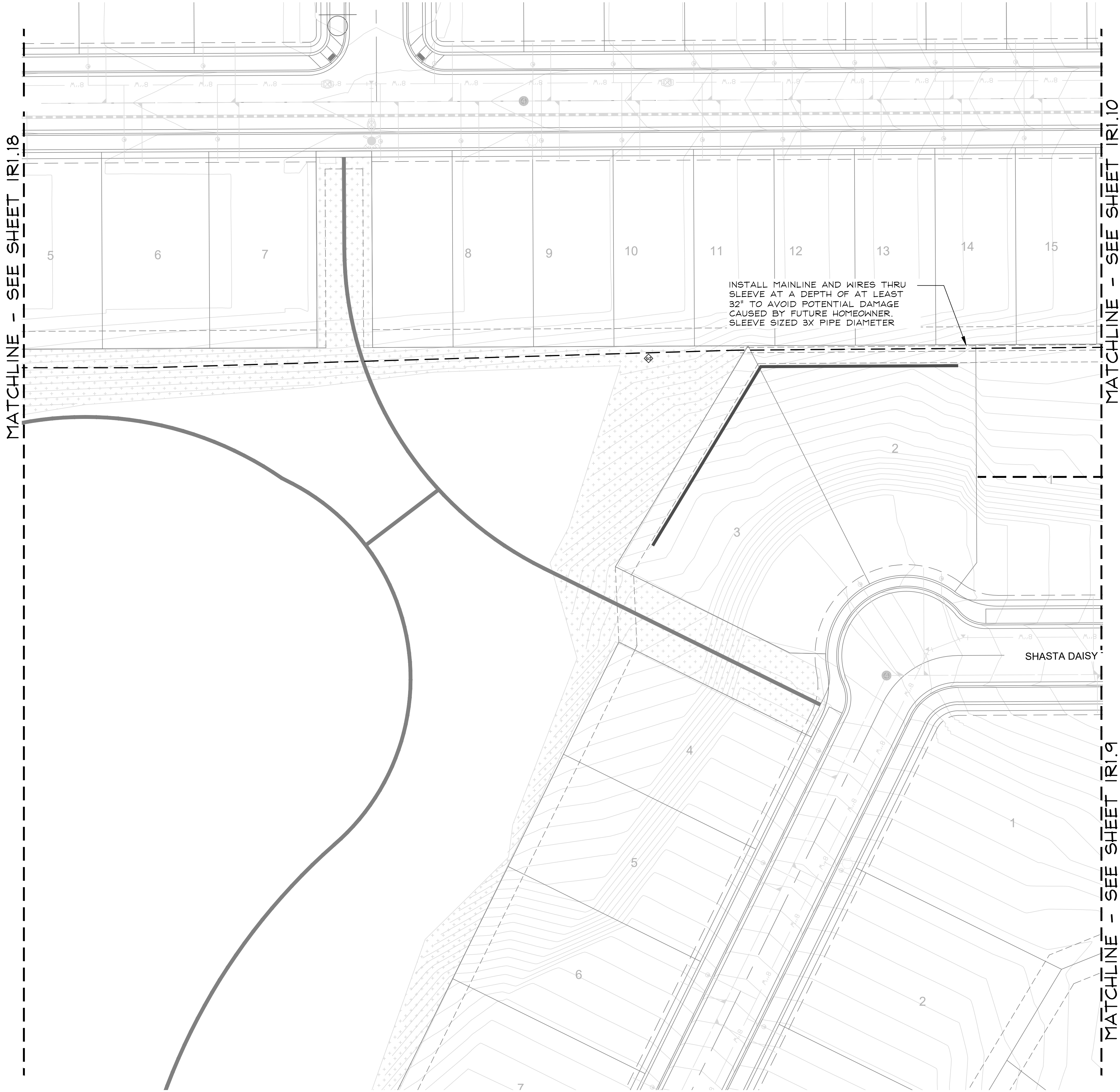
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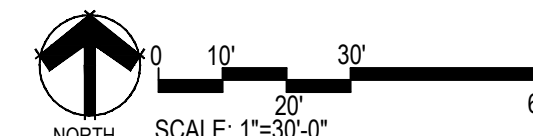

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IRRIGATION PLAN

■ Sheet Number ■  
IR1.19



| <u>SYMBOL</u> | <u>DESCRIPTION</u> |
|---------------|--------------------|
|---------------|--------------------|

- 8 CONTRACTOR SHALL FIELD LOCATE EXISTING SPRINKLER OR DRIP LATERAL LINE FROM ADJACENT FILING. MAKE NEW LATERAL LINE CONNECTION AND ROUTE AS INDICATED



IRAILS AT CROWFOOT  
FILING NO. 1  
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IRRIGATION PLANS-RECORD DRAWINGS

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\_\_\_\_\_

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\_\_\_\_\_

\_\_\_\_\_

IR1.20

MATCHLINE - SEE SHEET IR1.4

NATIVE SEED AREAS ARE TO BE IRRIGATED BY A TEMPORARY HYDRANT METER SYSTEM NOT SHOWN ON THIS PLAN SET (TYP).

SPRINKLERS UTILIZED CAN HOLD BACK APPROX. 14 FEET OF ELEVATION ACROSS A ZONE. THEREFORE, SPRINKLERS ARE VALVED TO AVOID EXCESSIVE LOW HEAD DRAINAGE (TYP).

MATCHLINE 'A' - SEE BELOW LEFT

SPRINKLERS UTILIZED CAN HOLD BACK APPROX. 14 FEET OF ELEVATION ACROSS A ZONE. THEREFORE, SPRINKLERS ARE VALVED TO AVOID EXCESSIVE LOW HEAD DRAINAGE (TYP).

MATCHLINE - SEE SHEET IR1.6

MATCHLINE - SEE SHEET IR1.5

SCARLET SAGE AVE

ALPINE PHL

TRACT P

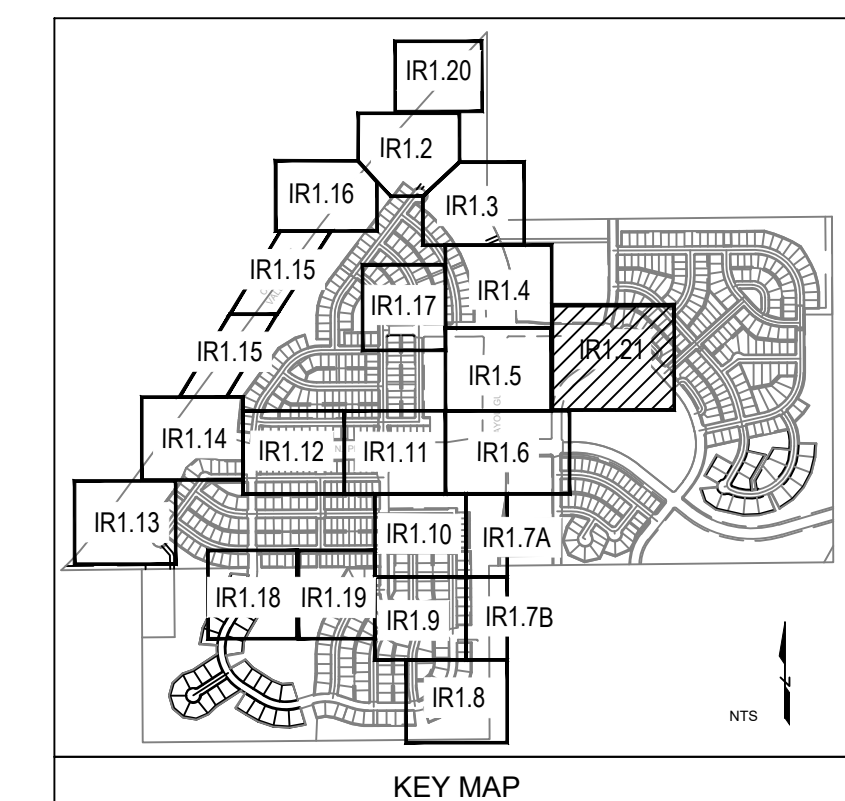
MAINLINE IN THIS AREA SHOWN INSTALLED ON MULTIFAMILY SITE SIDE OF SIDEWALK FOR CLARITY ONLY. ALL IRRIGATION SHALL BE INSTALLED WITHIN FILING #9 ROW (TYP).

1 POC 6  
SIZE: 2-INCH  
FLOW: 70 GPM  
PRESSURE: 77 PSI  
REQUIRED

2 CONTROLLER F  
120 VAC POWER REQUIRED

ALPINE PHLOX ST

MATCHLINE 'A' - SEE ABOVE RIGHT



KEY MAP  
NORTH  
SCALE: 1"=30'-0"

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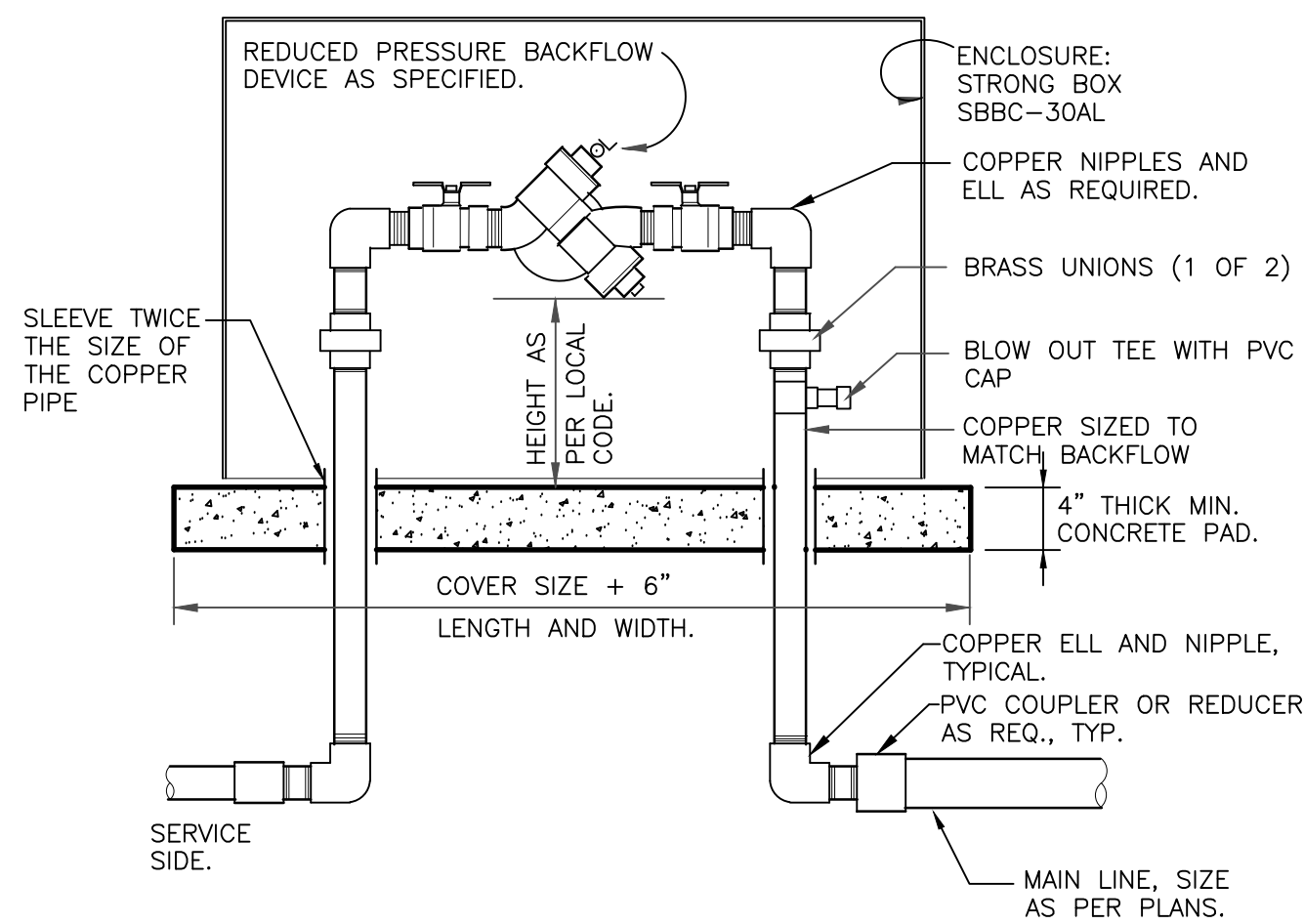
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IR1.21

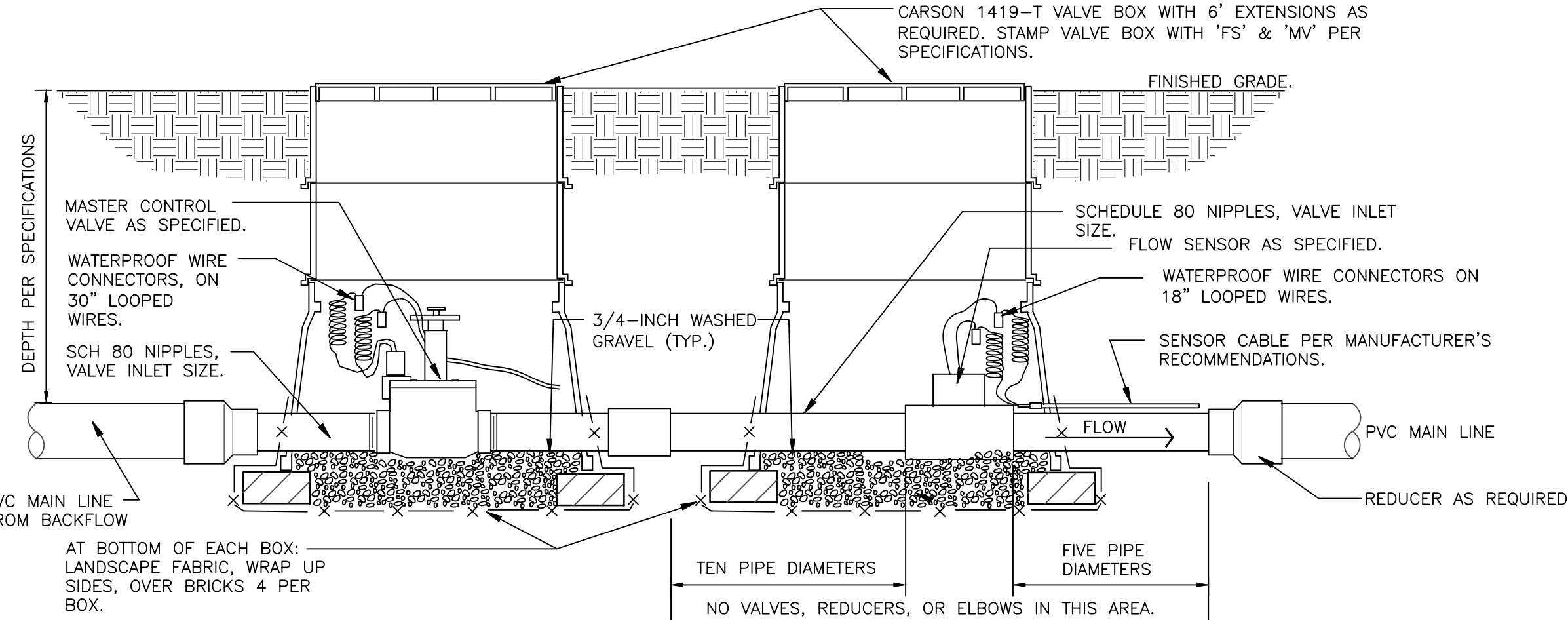


- NOTES:
1. INSTALL BACKFLOW DEVICE IN ACCORDANCE WITH ALL STATE AND LOCAL CODE REQUIREMENTS.
  2. SLOPE TOP SURFACE OF PAD AT 0.5 % WITH BROOM FINISH. MAKE PIPE SLEEVES WITH 1-1/2 INCH LARGER DIAMETER PIPE THAN PENETRATING PIPE SIZE.
  3. ALL HINGED CONNECTION LOCATIONS AND HARDWARE TO BE TAMPER PROOF.
  4. ALL WELD JOINTS SHALL BE CONTINUOUS AND GROUND SMOOTH.

### RP BACKFLOW W/ ENCLOSURE

1\"/>

328409.46-03

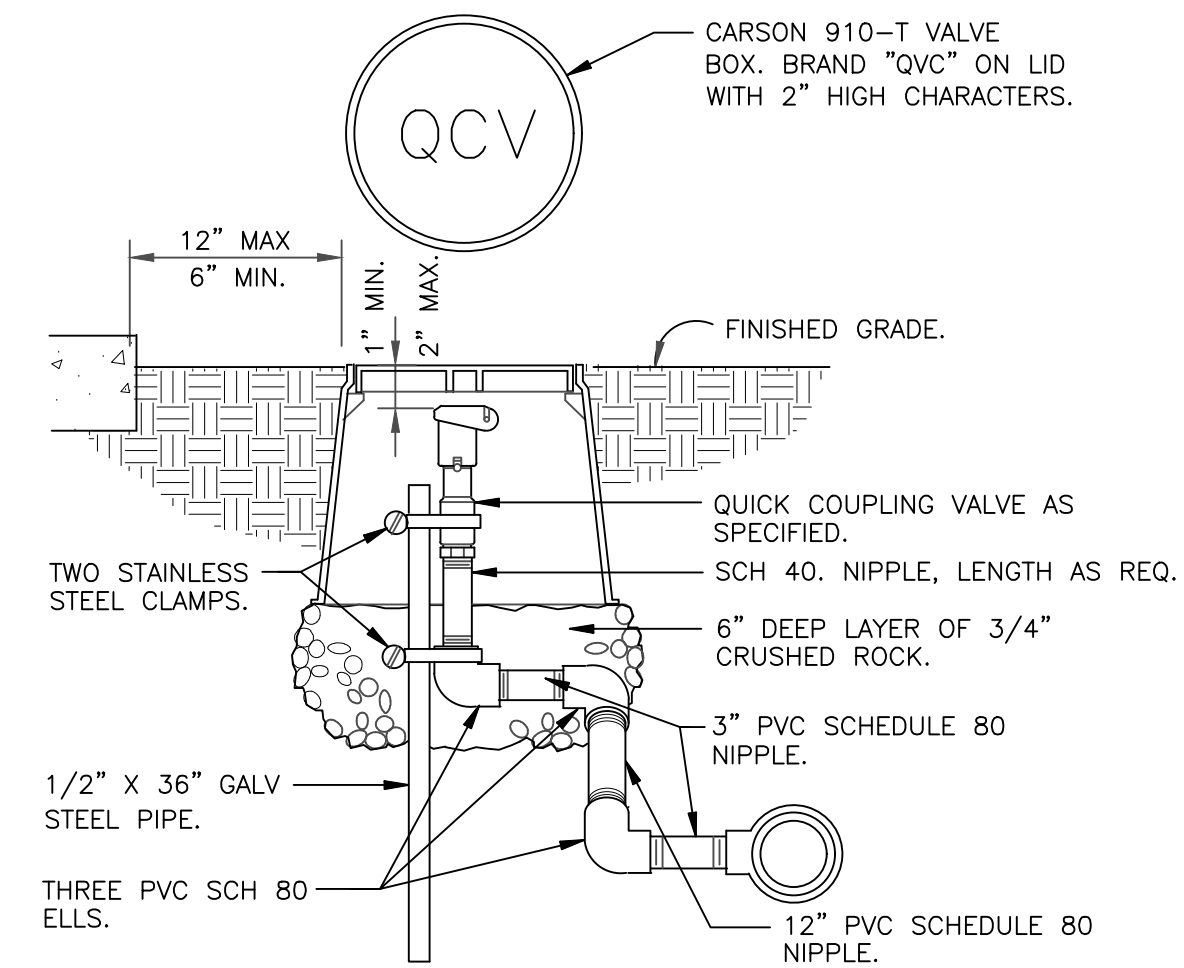


- NOTE:
1. REFER TO CONTROLLER MANUFACTURER'S RECOMMENDATIONS FOR WIRING MASTER VALVE AND FLOW SENSOR.
  2. SENSOR DECODER'S NOT AVAILABLE ON ALL CONTROLLERS. VALVES MAY BE DIRECTLY WIRED INTO CONTROLLER.

### MASTER VALVE/FLOW SENSOR ON DECODER

1 1/2\"/>

32 8406.23-11

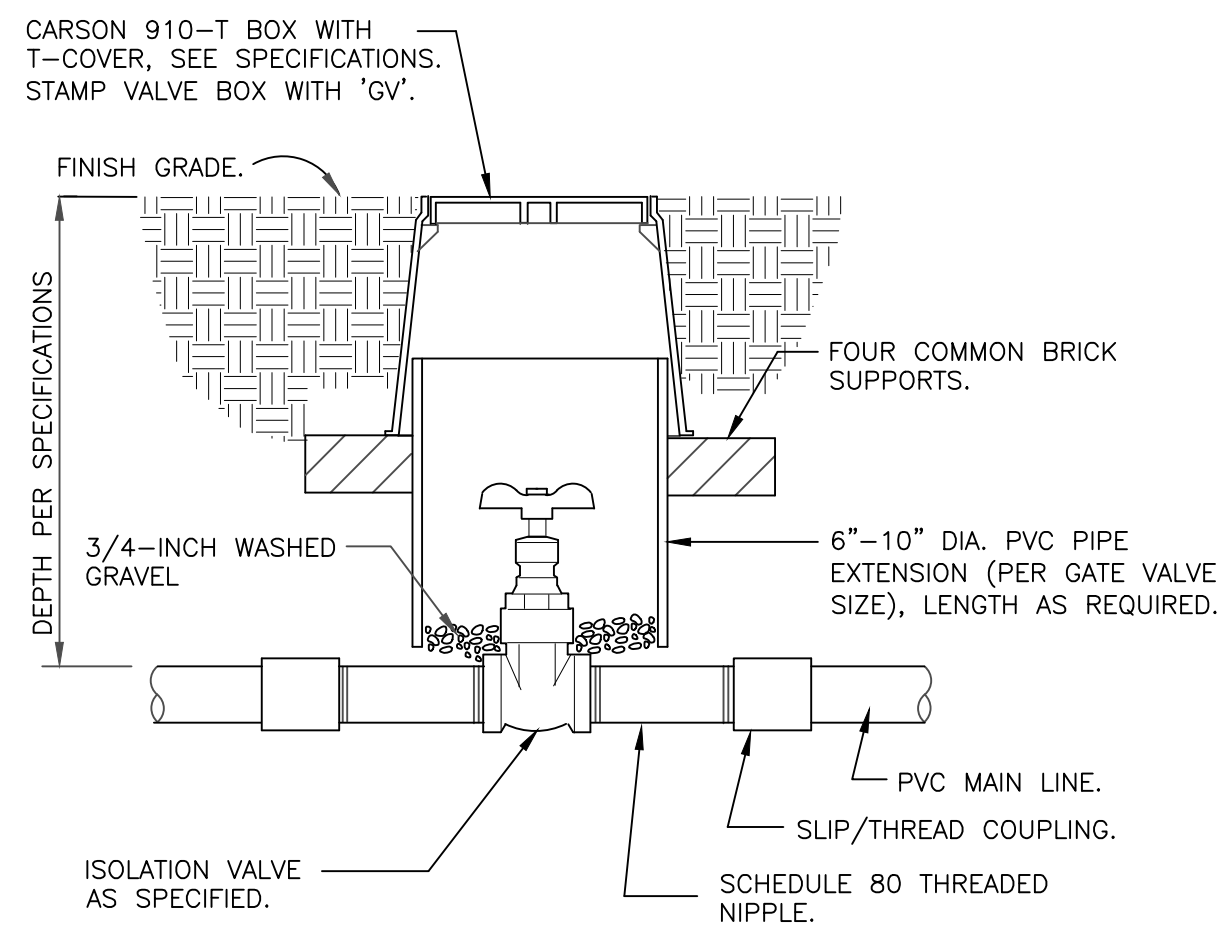


NOTE: PRE-FABRICATED SWING JOINT ASSEMBLY MAY BE UTILIZED.

### QUICK COUPLING VALVE IN BOX

1 1/2\"/>

328406.43-02

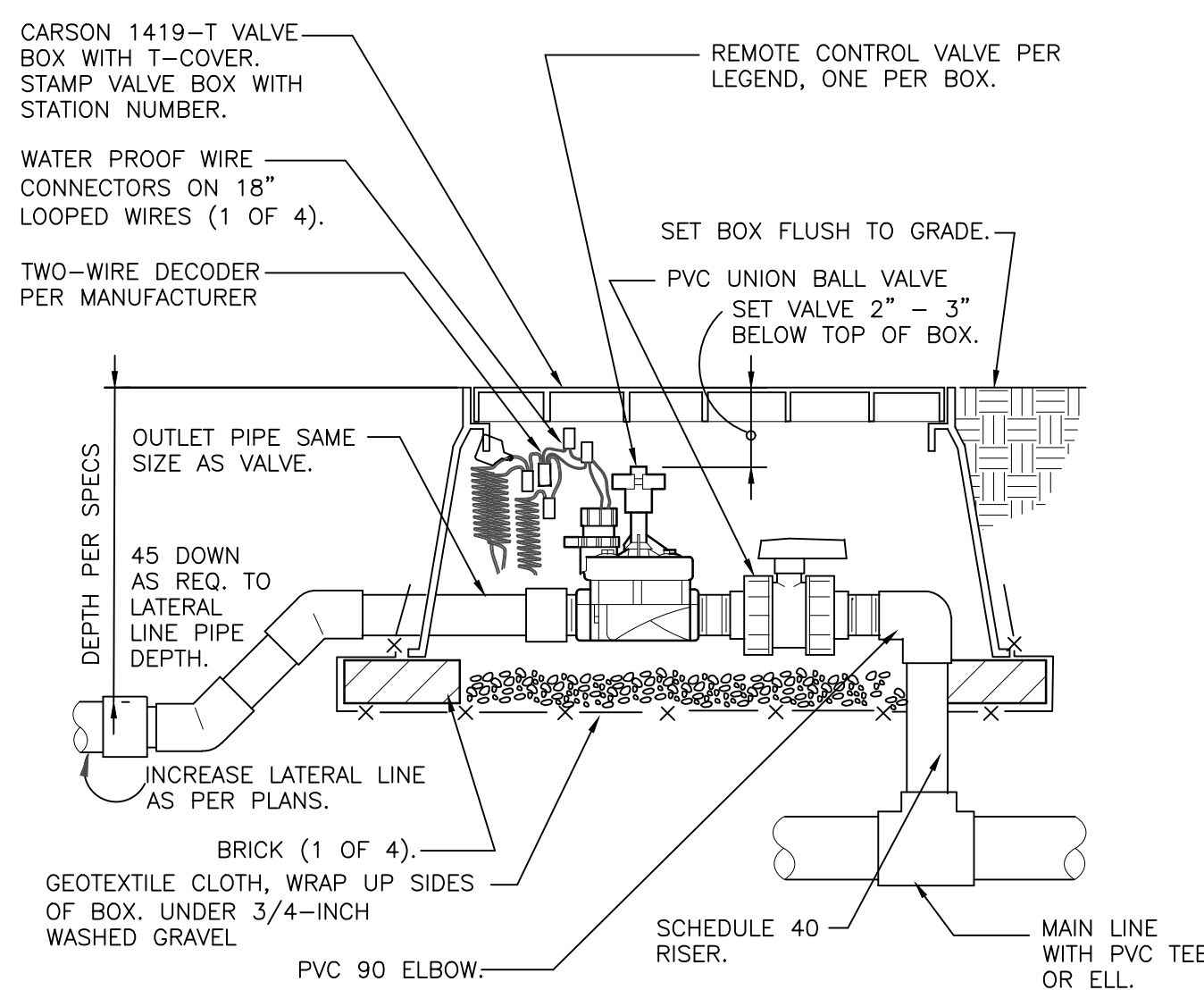


NOTE:  
VALVE SHALL HAVE CROSS HANDLE FOR EASE OF MAINTENANCE

### ISOLATION GATE VALVE

1 1/2\"/>

328406.33-01

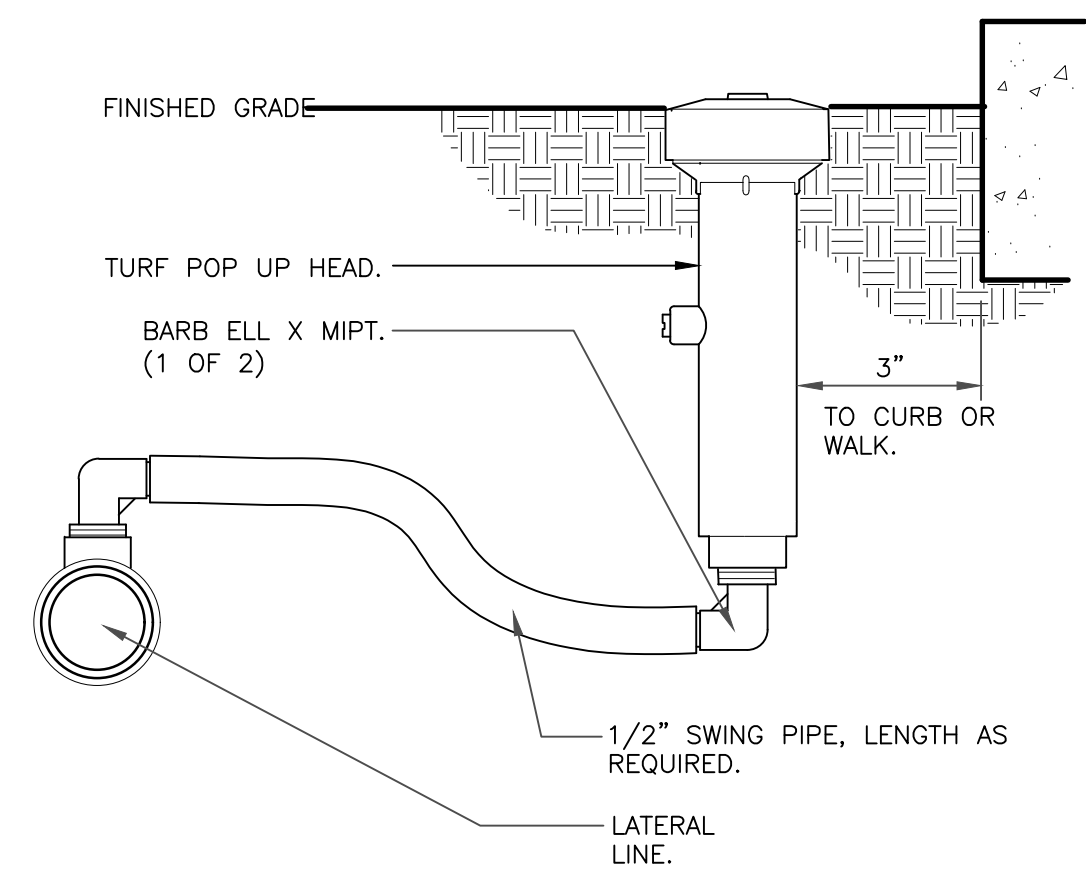


NOTE:  
LEAVE 2 FOOT LOOP OF 2-WIRE CABLE IN EACH BOX. ADD SURGE DECODER AT VALVE AS RECOMMENDED BY MANUFACTURER.

### REMOTE CONTROL TURF VALVE W/DECODER

1 1/2\"/>

32 8406.13-06

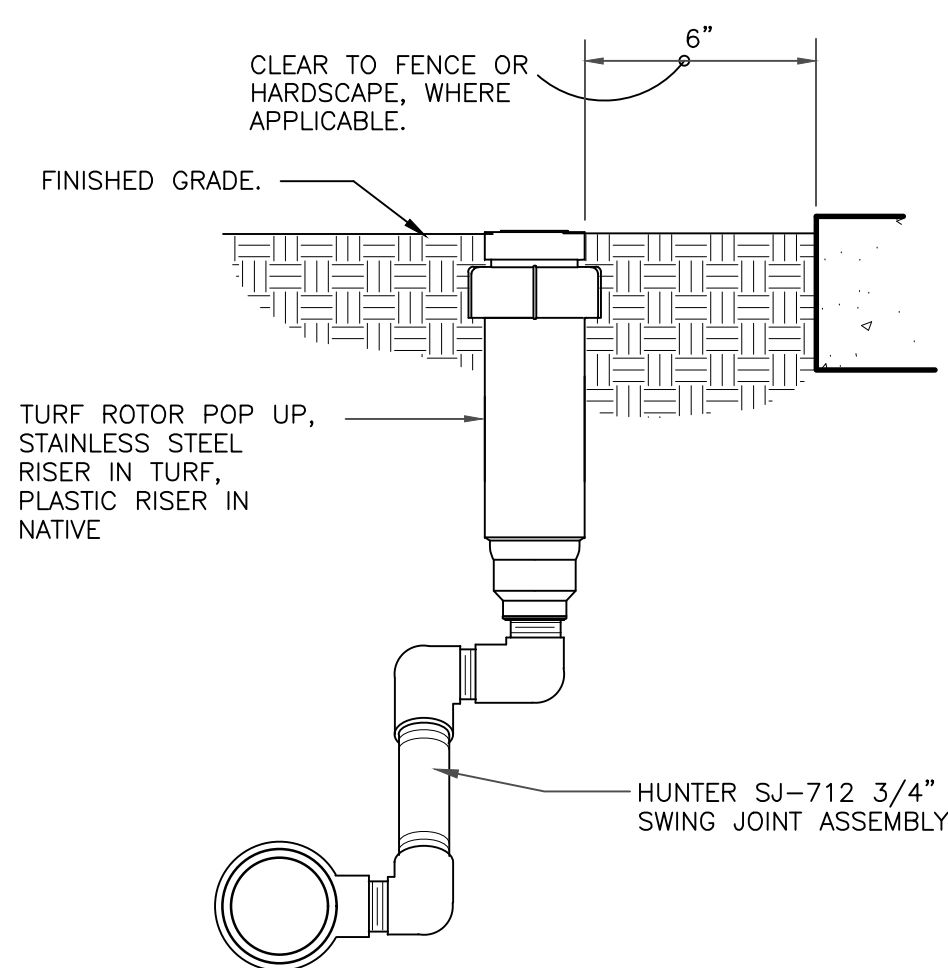


- NOTES:
1. 6-INCH POP-UP RISERS SHALL BE UTILIZED IN ALL TURF/NATIVE SEEDDED AREAS.
  2. SIDE INLET SHALL NOT BE UTILIZED.

### 6-INCH POP-UP SPRAY

3\"/>

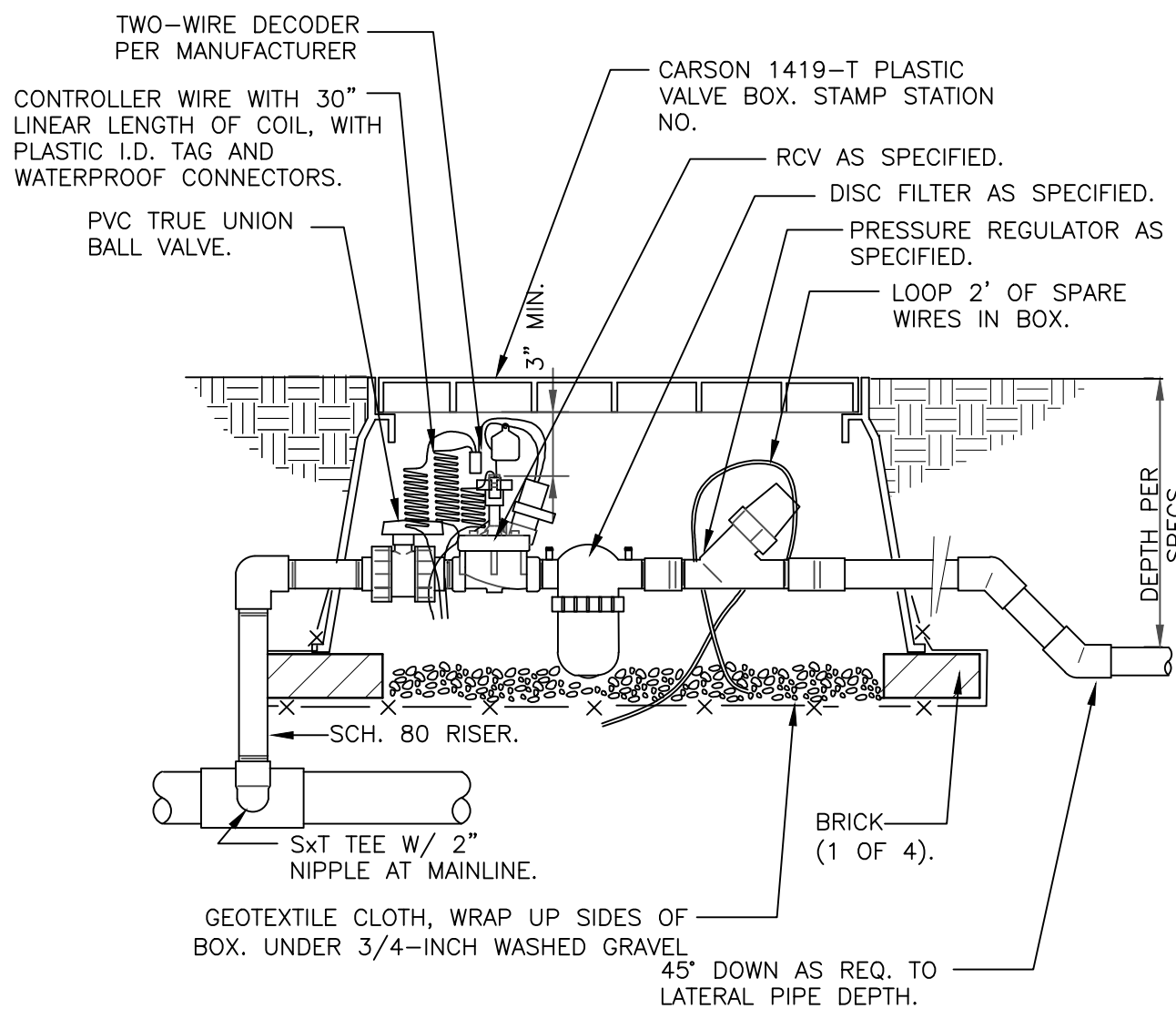
328403.13-02



### GEAR-DRIVEN ROTOR ASSEMBLY

3\"/>

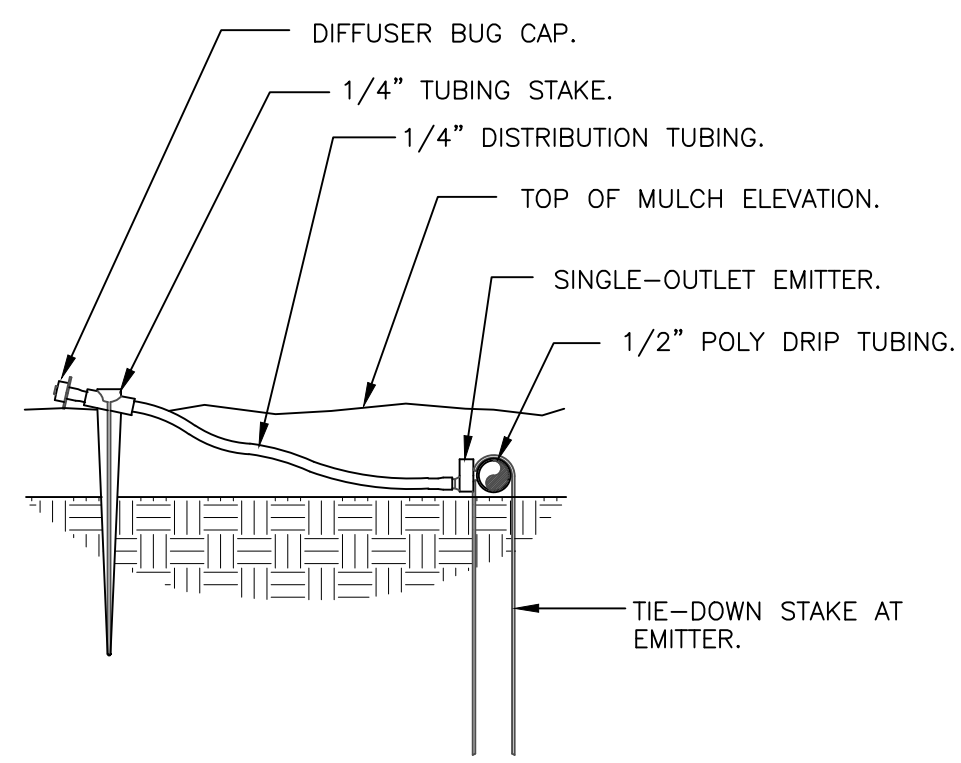
328403.16-01



### 1\"/>

1 1/2\"/>

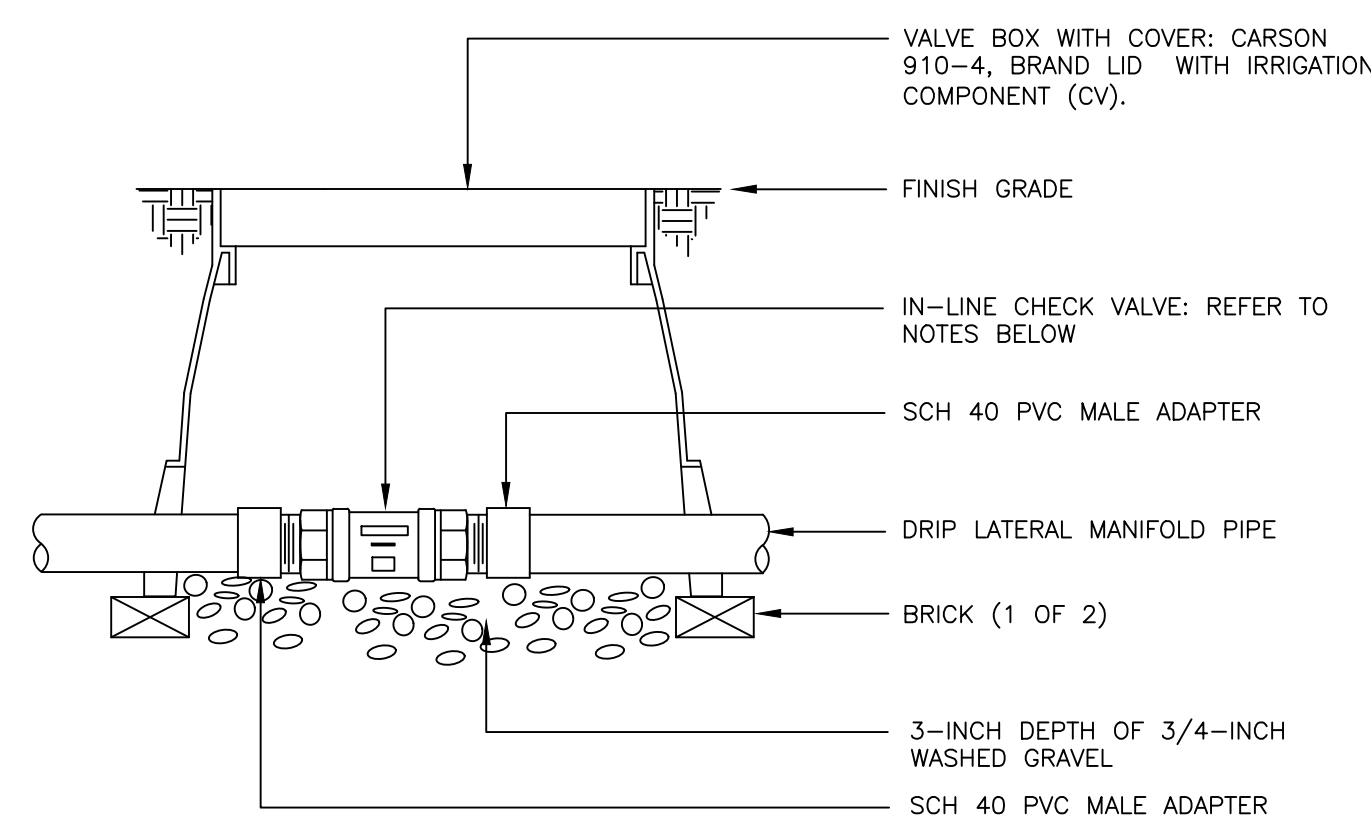
328413.76-16



### DRIFT EMITTER AT 1/4\"/>

3\"/>

328413.13-03



- NOTES:
1. DRIP LATERALS WITH MORE THAN 4 GPM SHALL UTILIZE THE HUNTER HCV IN-LINE CHECK VALVE.
  2. DRIP LATERALS WITH LESS THAN 4 GPM SHALL UTILIZE THE NETAFIM TLCV050M1-B IN-LINE CHECK VALVE.

### INLINE CHECK VALVE ASSEMBLY

N.T.S.

328413.49-34

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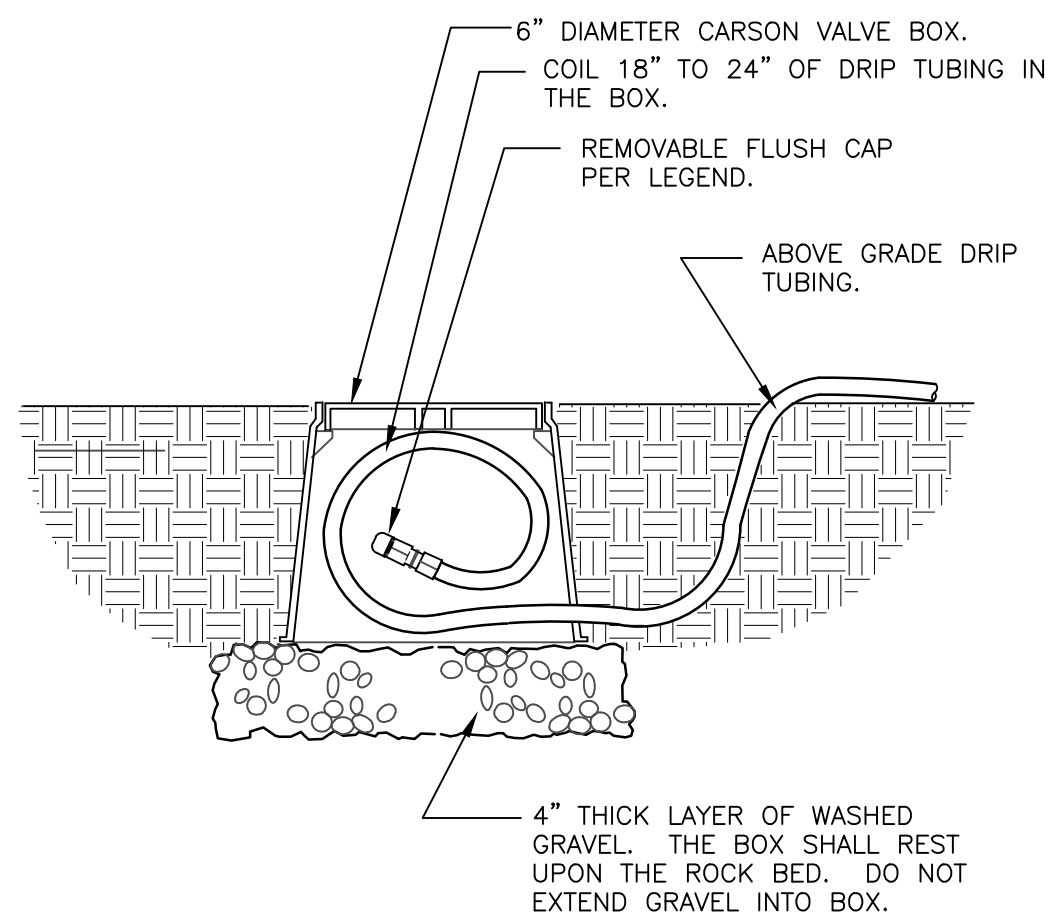
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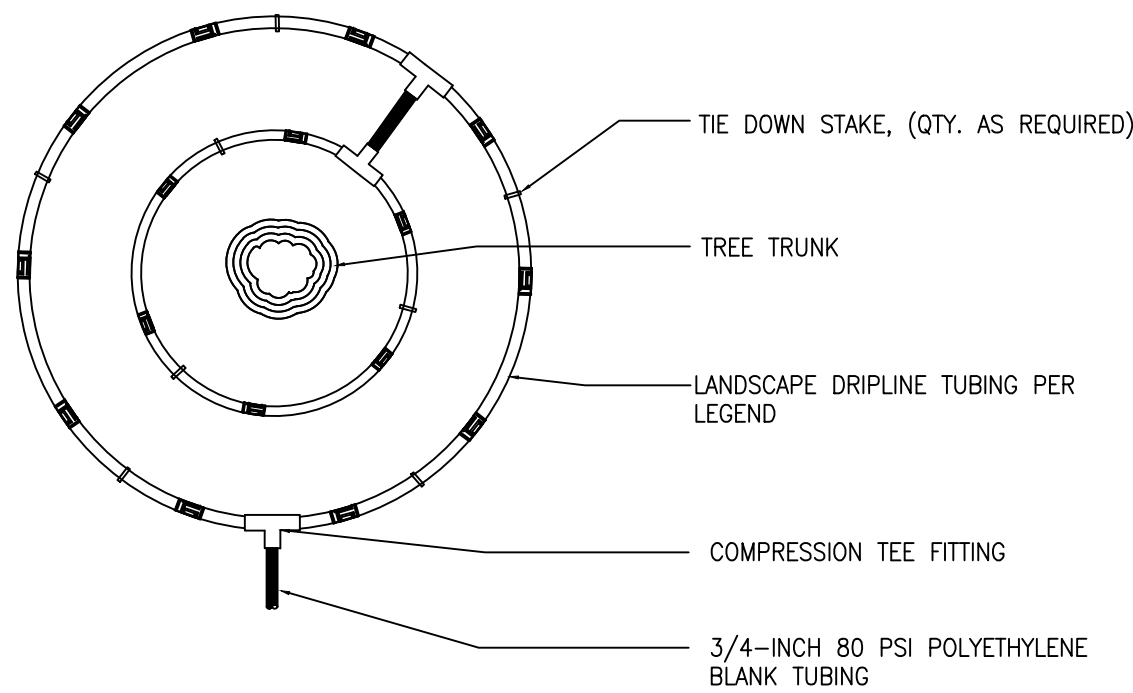
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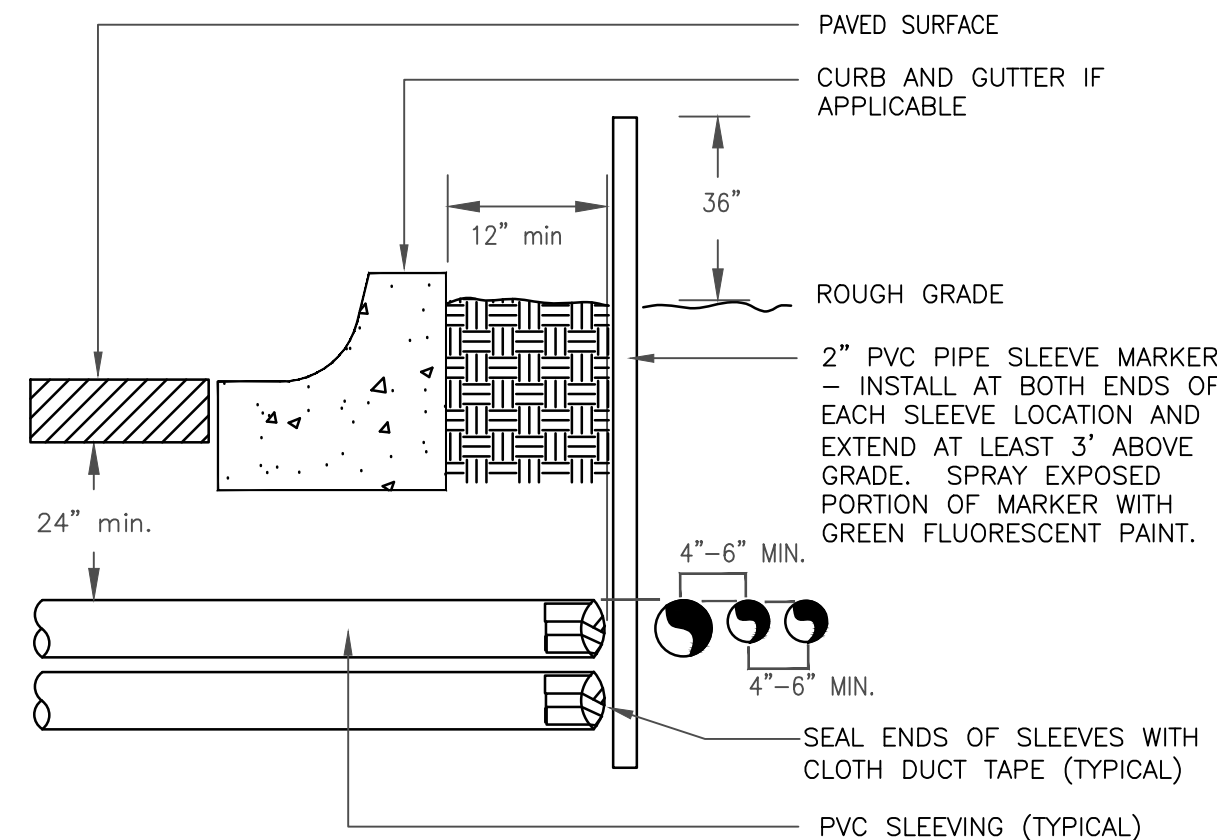
IR2.1



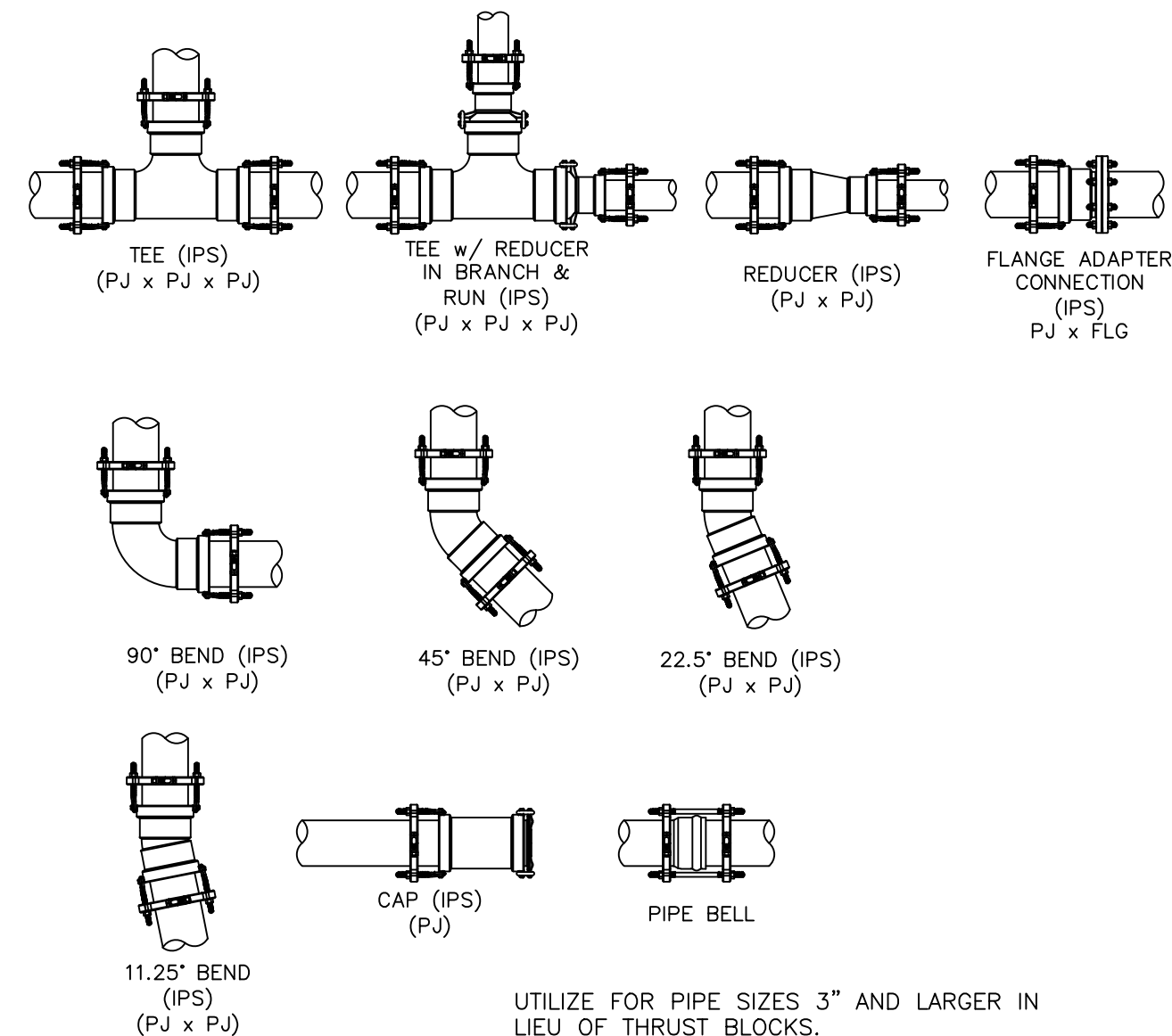
1. LOCATE FLUSH CAP ASSEMBLY AT THE END OF EACH DRIP LINE.
2. ENSURE THAT THE COILED DRIP TUBING IS OF SUFFICIENT LENGTH TO COMPLETELY EXTEND OUT OF THE VALVE BOX WHEN FLUSHING.



- NOTE:
1. CONTRACTOR SHALL INSTALL ALL DRIP TUBING IN NATIVE AREAS 2-3" BELOW GRADE IF MULCH IS NOT PRESENT. IF MULCH IS PRESENT, LAY TUBING ON FINISHED GRADE BELOW MULCH.
  2. DIAMETER OF DRIPLINE RINGS ARE DEPENDENT ON TREE CANOPY SIZE AND SHALL BE ADJUSTED IN THE FIELD PER CONTRACTOR. SUGGESTED PLACEMENT OF 3' DIAMTER AND 5' DIAMTER AROUND TREE.
  3. SHRUBS IN NATIVE SHALL UTILIZE A SINGLE TREE RING (UTILIZE INNER RING SHOWN ABOVE).
  4. TREE RINGS CAN BE UTILIZED ON TREES IN SHRUB BEDS.



- NOTE:
- 1) ALL SLEEVING TO BE CLASS 200 BE PVC, SIZED AS NOTED.
  - 2) INSATLL SLEEVES IN SIDE-BY-SIDE CONFIGURATION WHERE MULTIPLE SLEEVES ARE TO BE INSTALLED. SPACE SLEEVES 4" TO 6" APART. DO NOT STACK SLEEVES VERTICALLY.



UTILIZE FOR PIPE SIZES 3" AND LARGER IN LIEU OF THRUST BLOCKS.

## DRIP FLUSH CAP ASSEMBLY

1 1/2" = 1'-0"

328413.49-06

## INLINE DRIP RING FOR PLANTS IN NATIVE

N.T.S.

328413.56-40

## TYPICAL SLEEVE

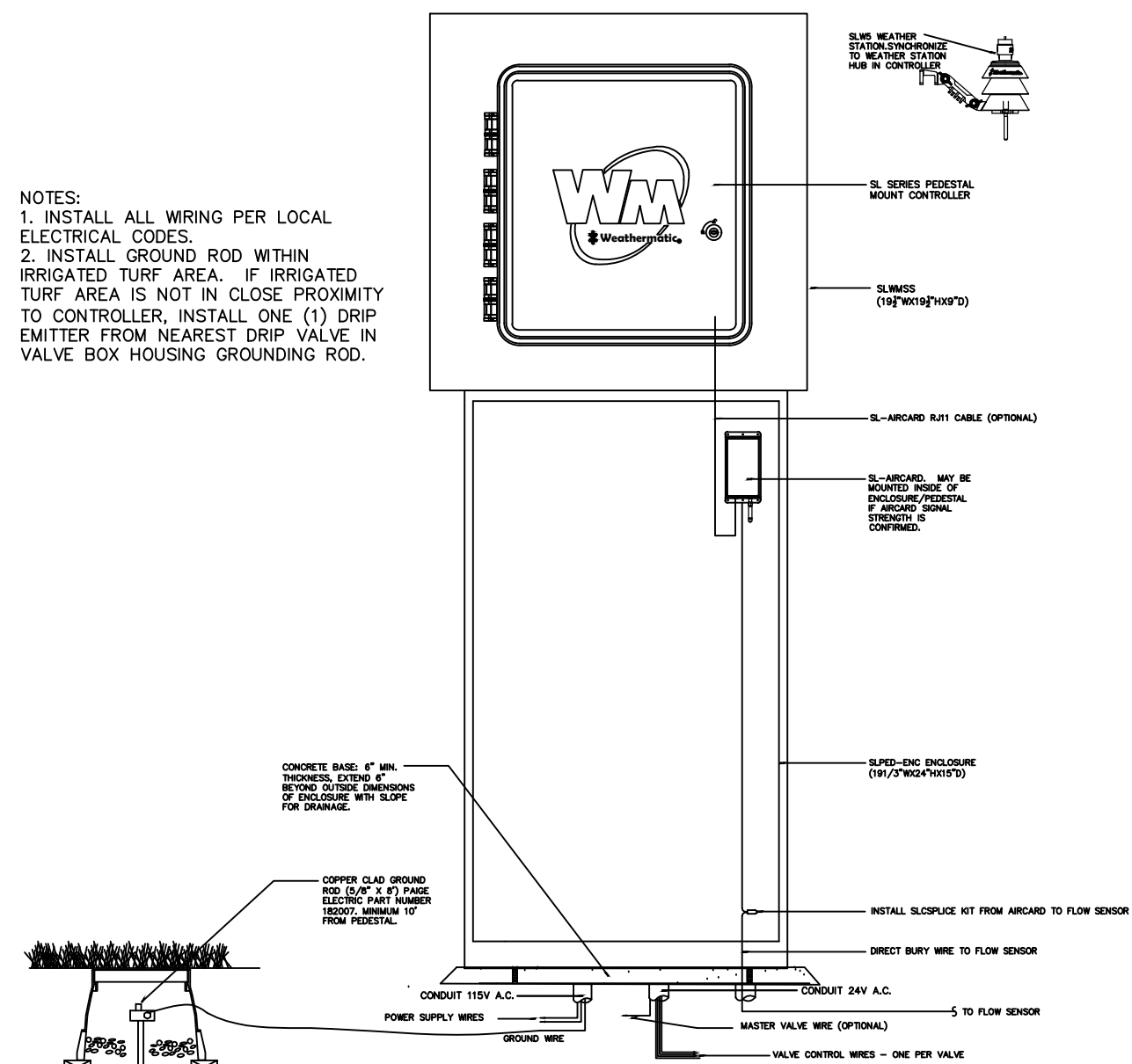
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## PIPE FITTING WITH JOINT RESTRAINT

N.T.S.

328409.76-22

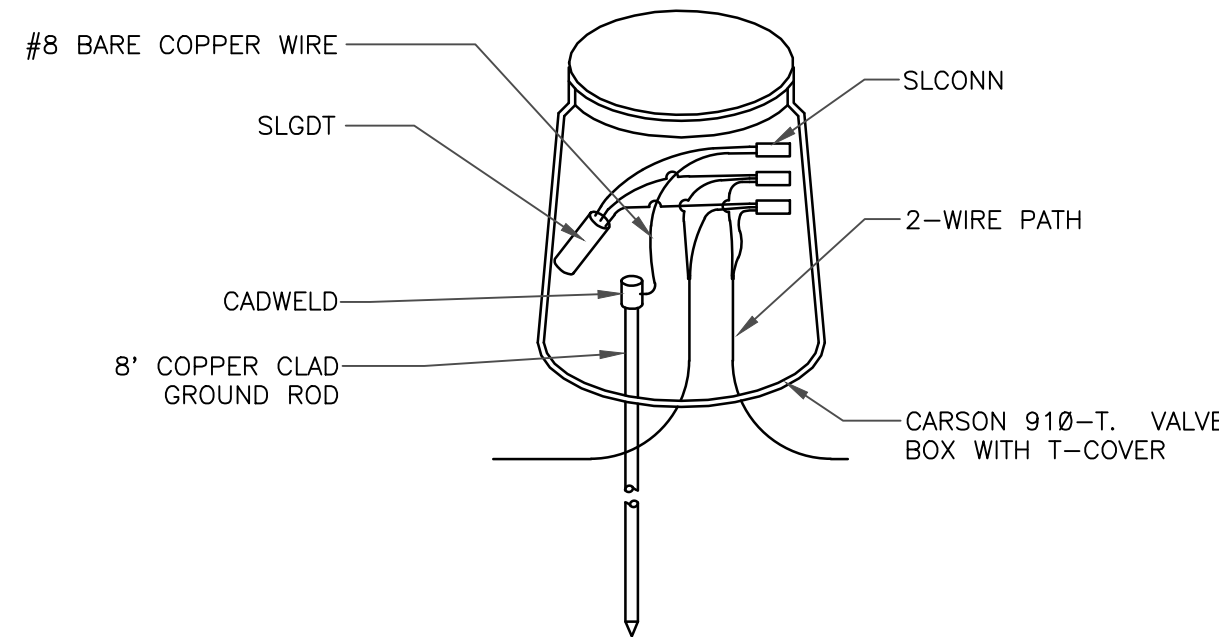


- NOTES:
1. INSTALL ALL WIRING PER LOCAL ELECTRICAL CODES.
  2. INSTALL GROUND ROD WITHIN IRRIGATED TURF AREA. IF IRRIGATED TURF AREA IS NOT IN CLOSE PROXIMITY TO CONTROLLER, INSTALL ONE (1) DRIP EMITTER FROM NEAREST DRIP VALVE IN VALVE BOX HOUSING GROUNDING ROD.

## WEATHERMATIC PEDESTAL MOUNT CONTROLLER

N.T.S.

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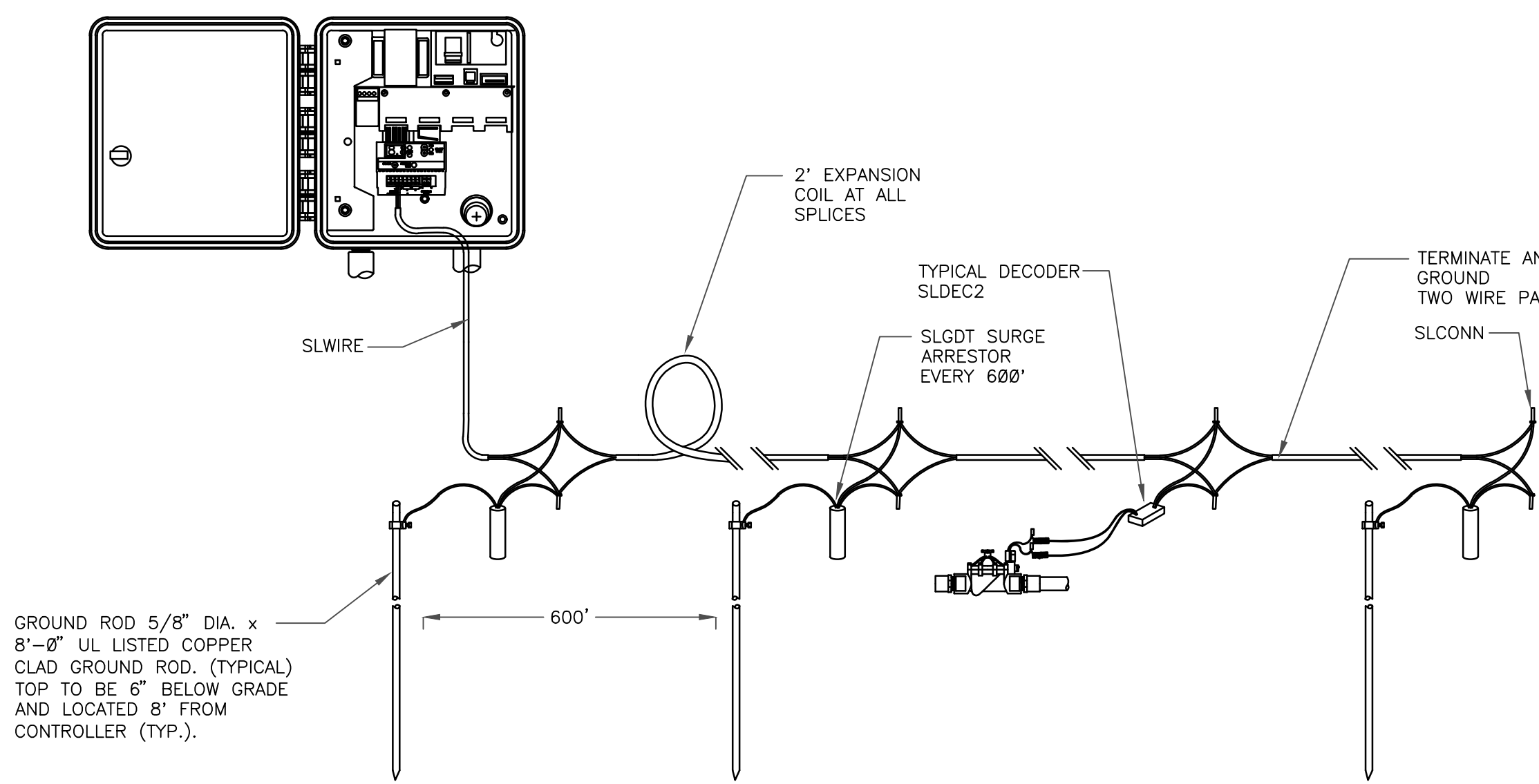


- NOTES:
1. ALL ELECTRICAL WORK MUST CONFORM TO LOCAL CODES. REFER TO PRODUCT LITERATURE FOR ADDITIONAL INSTALLATION REQUIREMENTS.
  2. INSTALL EVERY 600', AT CONTROLLER, AND END OF EVERY MAINLINE RUN. NOT SHOWN ON DESIGN PLANS.

## LIGHTNING ARRESTOR

N.T.S.

328409.16-21

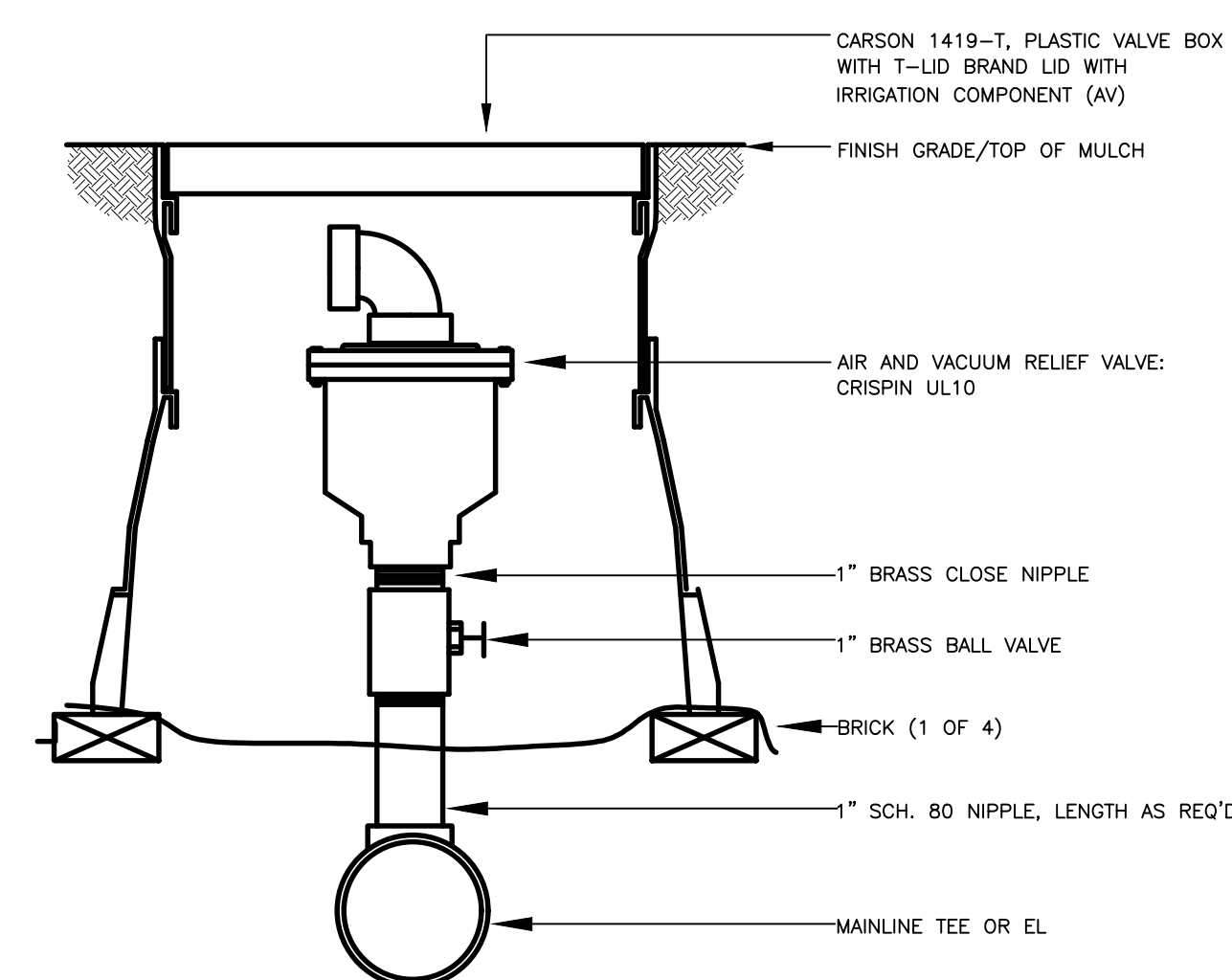


GROUND ROD 5/8" DIA. x 8'-0" UL LISTED COPPER CLAD GROUND ROD. (TYPICAL) TOP TO BE 6" BELOW GRADE AND LOCATED 8' FROM CONTROLLER (TYP.).

## TYPICAL LIGHTNING ARRESTOR LAYOUT

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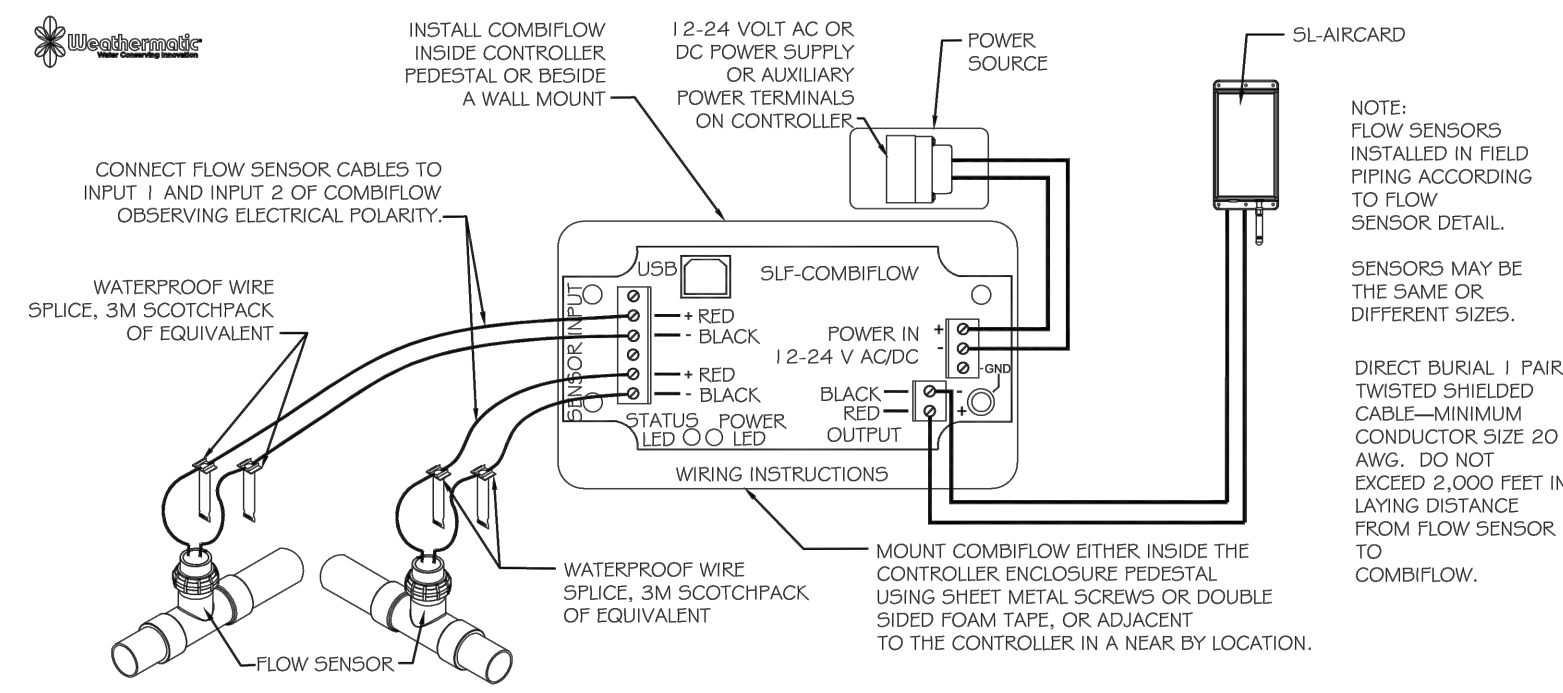
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## AIR/VACUM RELIEF VALVE

N.T.S.

32 8406.15-01



## WEATHERMATIC SLF COMBIFLOW

N.T.S.

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