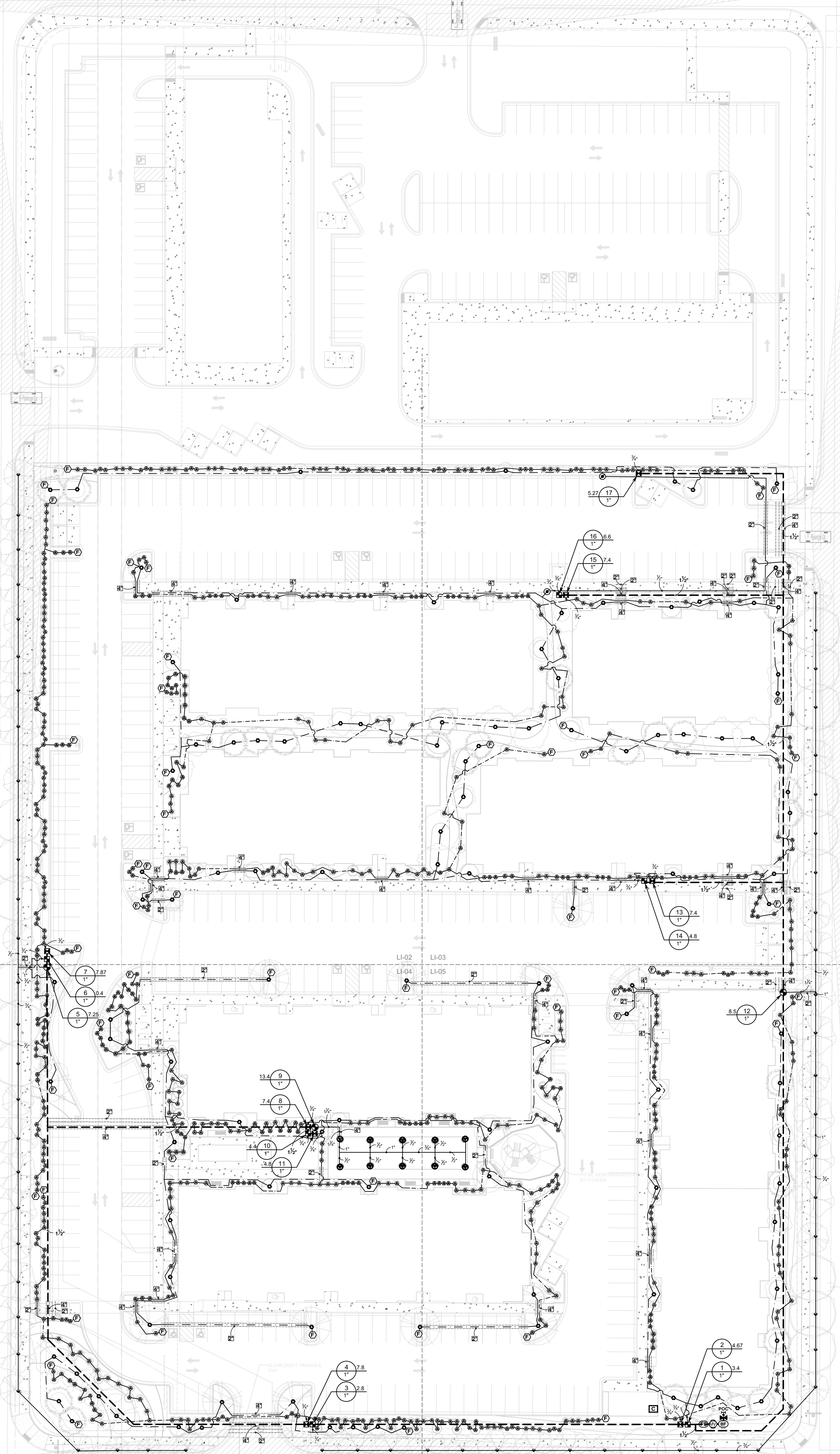


ROSA PARKS RD. NW  
64' ROW

UNIVERSE BOULEVARD NW  
64' ROW

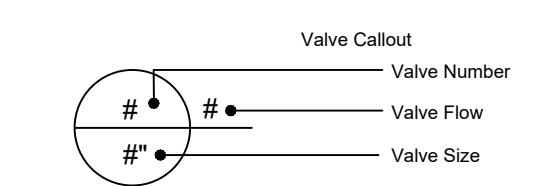
UNIVERSE BOULEVARD NW  
64' ROW

SPINNING BALL AVE NW



### IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	RAIN BIRD R-VAN24 - TURF ROTARY 1804-SAM-P45, 17FT.-24FT. 45-270 DEGREES AND 360 DEGREES, HAND ADJUSTABLE MULTI-STREAM ROTARY W/1800 TURF SPRAY BODY ON 4IN. POP-UP, WITH CHECK VALVE AND 45 PSI IN-STEM PRESSURE REGULATOR, 1/2IN. NPT FEMALE THREADED INLET.
	RAIN BIRD 1800-1400 FLOOD FIXED FLOW RATE 0.25 GPM - 2.0 GPM, FULL CIRCLE BUBBLER, 1/2IN. FIPT.
	DRIP CONTROL VALVE - SHRUB RAIN BIRD XZ-100-PRF, MEDIUM FLOW DRIP CONTROL KIT, 1IN. DV VALVE, 1IN. PRESSURE REGULATING FILTER, 40PSI PRESSURE REGULATOR. 5 GPM-20 GPM.
	DRIP CONTROL VALVE - TREE RAIN BIRD XZ-100-PRF, MEDIUM FLOW DRIP CONTROL KIT, 1IN. DV VALVE, 1IN. PRESSURE REGULATING FILTER, 40PSI PRESSURE REGULATOR. 3 GPM-15 GPM.
	TRANSITION FITTING PIPE TRANSITION POINT FROM PVC LATERAL TO DRIP TUBING WITH RISER IN 6IN. DRIP BOX.
	FLUSH CAP NDS CEP900
	DRIP EMITTER - SHRUB (2) NDS TAE 20 DRIP EMITTERS
	DRIP EMITTER - TREE (6) NDS TAE 20 DRIP EMITTERS
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	CONTROL VALVE RAIN BIRD PEB, 1IN., 1-1/2IN., 2IN. PLASTIC INDUSTRIAL VALVES. LOW FLOW OPERATING CAPABILITY, GLOBE CONFIGURATION.
	MAIN SHUT OFF VALVE SPEARS SCH80 PVC COMPACT BALL VALVE
	MASTER VALVE 1" RAIN BIRD PEB, 1IN., 1-1/2IN., 2IN. PLASTIC INDUSTRIAL MASTER VALVES. LOW FLOW OPERATING CAPABILITY, GLOBE CONFIGURATION.
	REDUCED PRESSURE BACKFLOW PREVENTER 1" FEBCO 825Y
	CONTROLLER - RAIN BIRD ESP-LXD 50-200 STATION, 2-WIRE DECODER BASED CONTROLLER. (1) ESP-LXD 50-STATION, INDOOR/OUTDOOR, PLASTIC WALL-MOUNT ENCLOSURE. SYSTEM REQUIREMENTS: RAIN BIRD FD-XXX-TURF FIELD DECODERS, PAIGE ELECTRIC CABLE P7072D & RAIN BIRD WC20 DRY SPLICES ONLY. GROUND SYSTEM W/ (X) LSP-1TURF LINE SURGE PROTECTORS IN RAIN BIRD ROUND VALVE BOXES. INSTALL PER MANUFACTURERS RECOMMENDATIONS.
	FLOW SENSOR CREATIVE SENSOR TECHNOLOGY FSI-T10-001 1IN. PVC TEE TYPE FLOW SENSOR W/SOCKET ENDS, CUSTOM MOUNTING TEE AND ULTRA-LIGHTWEIGHT IMPELLER ENHANCES LOW FLOW MEASUREMENT. 2 WIRE DIGITAL OUTPUT COMPATIBLE W/ALL IRRIGATION CONTROLLERS. FLOW RANGE: .86 GPM - 52 GPM.
	POINT OF CONNECTION 1 1/2"
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40
	IRRIGATION LATERAL LINE: A940 DRIP POLYLINE
	IRRIGATION LATERAL LINE: A940RDS DRIP POLYLINE
	IRRIGATION MAINLINE: PVC SCHEDULE 40
	PIPE SLEEVE: PVC CLASS 200 SDR 21



### IRRIGATION NOTES

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- LANDSCAPE INSTALLER SHALL PERFORM PRESSURE/GPM TEST AT POINT OF CONNECTION BEFORE INSTALLING IRRIGATION SYSTEM TO VERIFY PSI AND GPM FOR THE SITE.
- IRRIGATION SYSTEM HAS BEEN DESIGNED TO A MINIMUM DYNAMIC PRESSURE OF 75 PSI AT 50 GPM. IF THE PSI/GPM ARE LOWER THAN 75/50 THE LANDSCAPE ARCHITECT MUST BE NOTIFIED IMMEDIATELY.
- THE CONTRACTOR SHALL FIELD VERIFY UTILITY LOCATIONS AND MAKE ANY NECESSARY FIELD ADJUSTMENTS WITH GENERAL CONTRACTOR.
- THE LOCATION OF IRRIGATION EQUIPMENT IS APPROXIMATE AND SHALL BE LOCATED IN THE LANDSCAPE AREAS. ANY IRRIGATION EQUIPMENT AND PIPING SHOWN OUTSIDE OF LANDSCAPE AREAS ARE FOR GRAPHIC CLARITY ONLY.
- THE LANDSCAPE CONTRACTOR SHALL PROVIDE TO OWNER AN ACCURATE AS-BUILT IRRIGATION PLAN WHEN THE WORK IS COMPLETED. AS-BUILT DOCUMENTS SHOULD BE UPDATED WEEKLY FOR ACCURATE RECORDING OF IRRIGATION SYSTEM.
- VALVE LOCATIONS TO BE APPROVED BY LANDSCAPE ARCHITECT. VALVE BOX LIDS TO BE TAN IN GRAVEL AREAS AND GREEN IN SOD/SEED AREAS.
- ALL PLANTS WITHIN THE PROPERTY LINE SHALL BE IRRIGATED BY LOW FLOW POINT-SOURCE DRIP IRRIGATION SYSTEM.
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- PER 5-6(C)(14)(d), THE IRRIGATION SYSTEM SHALL NOT SPRAY OR IRRIGATE IMPERVIOUS SURFACES, INCLUDING SIDEWALKS, DRIVEWAYS, DRIVE AISLES, STREETS, AND PARKING AND LOADING AREAS.

**YELLOWSTONE**  
LANDSCAPE

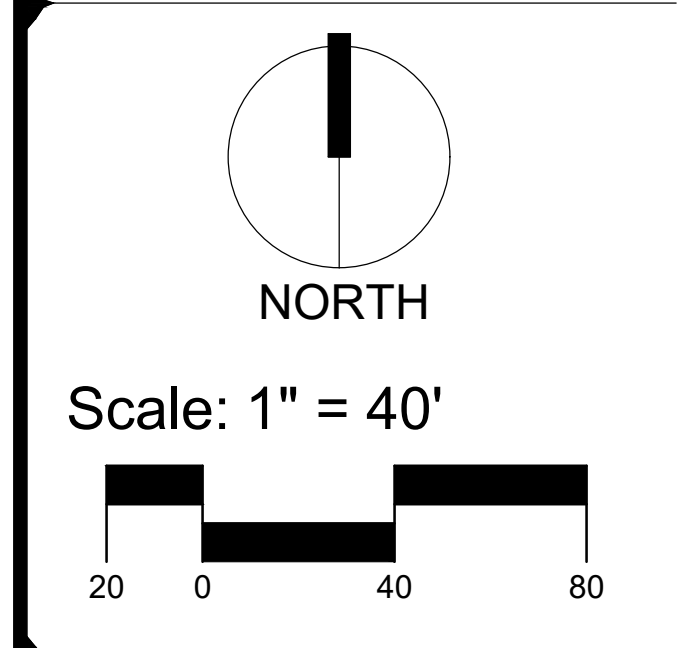
www.yellowstonelandscape.com  
 P O Box 10597  
 Albuquerque, NM 87184  
 505.898.9615  
 design@yellowstonelandscape.com

STATE OF NEW MEXICO  
 CODY McALLEN  
 555  
 REGISTERED  
 LANDSCAPE ARCHITECT

Date: 04/02/2024  
 Revisions:  
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Drawn by: PL  
 Reviewed by: CM

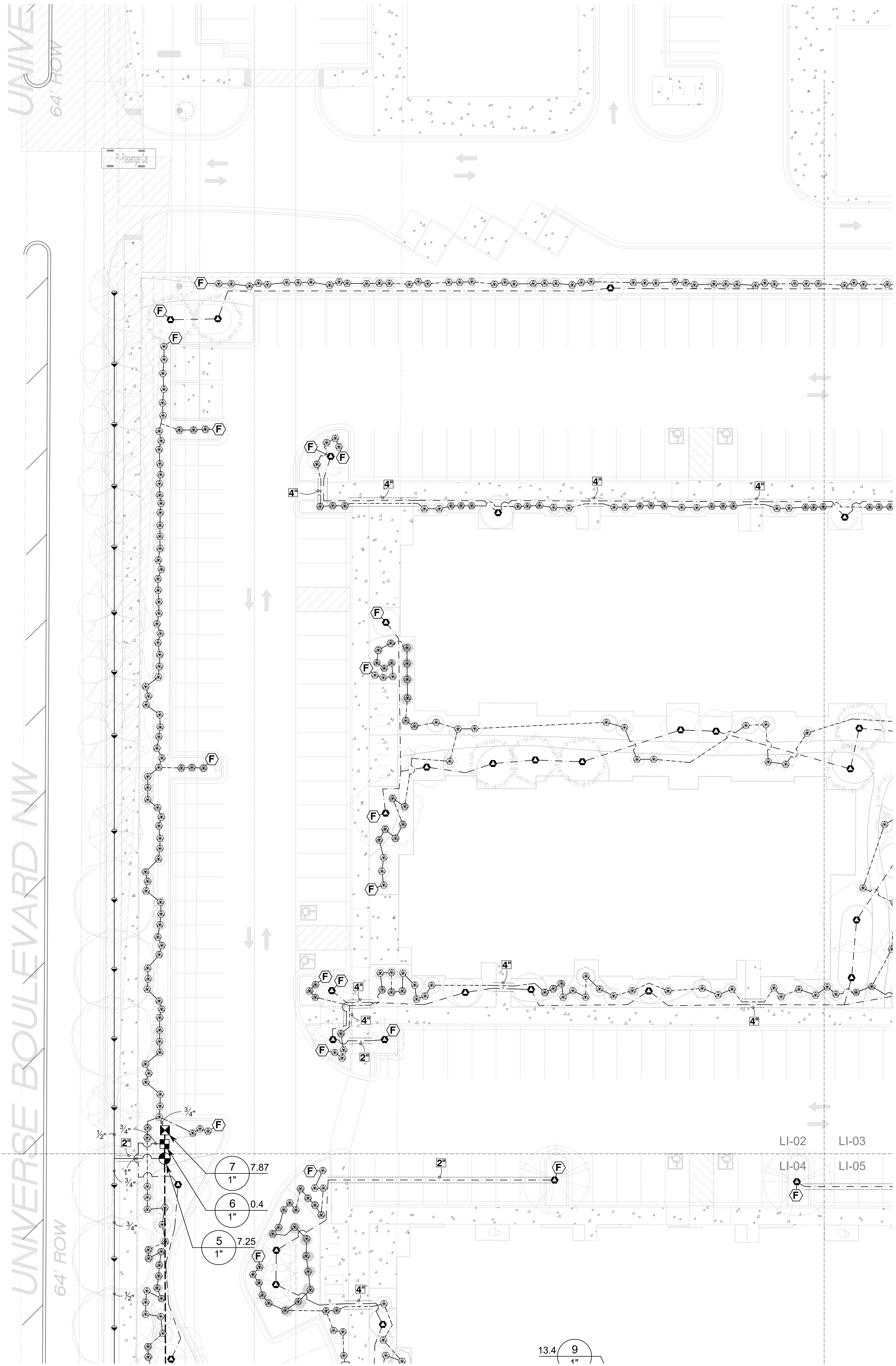
Universe View  
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 Albuquerque, New Mexico



Sheet Title:  
**Irrigation  
 Plan**

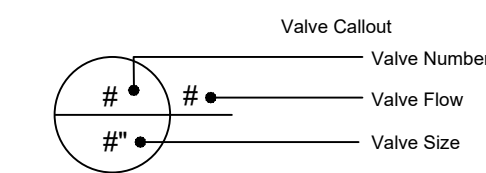
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## IRRIGATION SCHEDULE

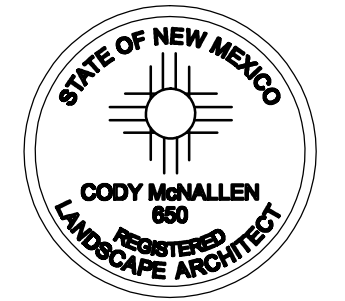
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	RAIN BIRD R-VAN24 - TURF ROTARY 1804-SAM-P45, 17FT.-24FT. 45-270 DEGREES AND 360 DEGREES, HAND ADJUSTABLE MULTI-STREAM ROTARY W/1800 TURF SPRAY BODY ON 4IN. POP-UP, WITH CHECK VALVE AND 45 PSI IN-STEM PRESSURE REGULATOR, 1/2IN. NPT FEMALE THREADED INLET.
	RAIN BIRD 1800-1400 FLOOD FIXED FLOW RATE 0.25 GPM - 2.0 GPM, FULL CIRCLE BUBBLER, 1/2IN. FIPT.
	RAIN BIRD 1401-1402-1404-1408
	DRIP CONTROL VALVE - SHRUB RAIN BIRD XZC-100-PRF, MEDIUM FLOW DRIP CONTROL KIT, 1IN. DV VALVE, 1IN. PRESSURE REGULATING FILTER, 40PSI PRESSURE REGULATOR. 5 GPM-20 GPM.
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	POINT OF CONNECTION 1 1/2"
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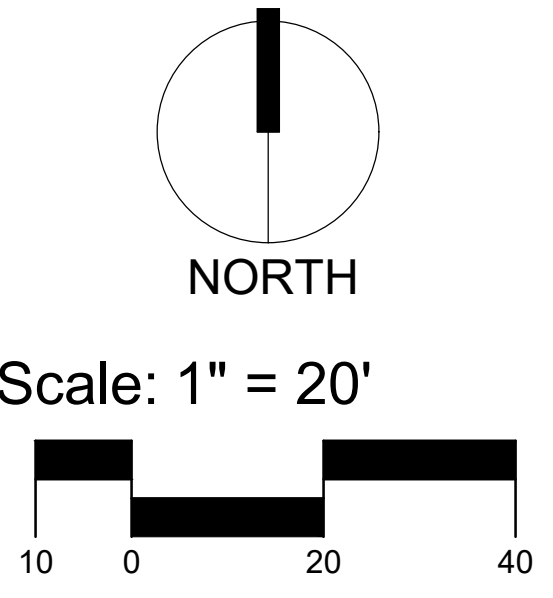
**YELLOWSTONE**  
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505.898.9615  
design@yellowstonelandscape.com



Date: 04/02/2024  
Revisions:  
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Drawn by: PL  
Reviewed by: CM

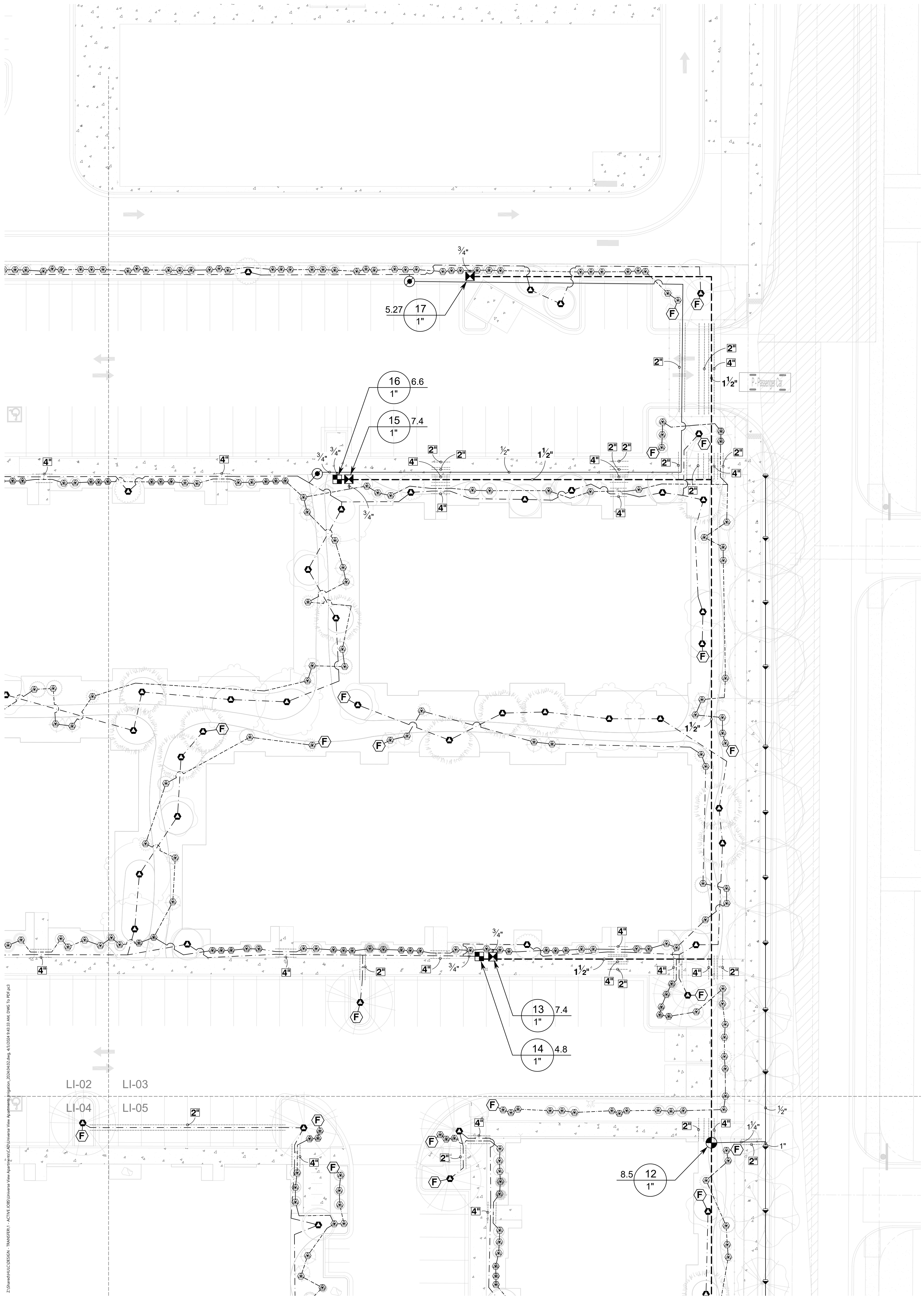
Universe View  
Apartment  
Albuquerque, New Mexico



Sheet Title:  
**Irrigation  
Plan**

Sheet Number:  
**LI-02**



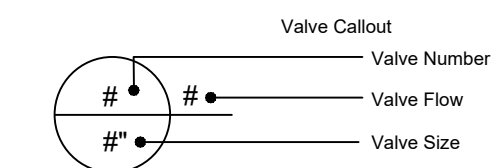


### IRRIGATION SCHEDULE

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	RAIN BIRD R-VAN24 - TURF ROTARY 1804-SAM-P45, 17FT.-24FT. 45-270 DEGREES AND 360 DEGREES, HAND ADJUSTABLE MULTI-STREAM ROTARY W/1800 TURF SPRAY BODY ON 4IN. POP-UP, WITH CHECK VALVE AND 45 PSI IN-STEM PRESSURE REGULATOR, 1/2IN. NPT FEMALE THREADED INLET.
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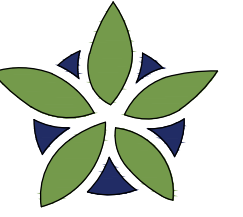
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	DRIP CONTROL VALVE - SHRUB RAIN BIRD XCZ-100-PRF, MEDIUM FLOW DRIP CONTROL KIT, 1IN. DV VALVE, 1IN. PRESSURE REGULATING FILTER, 40PSI PRESSURE REGULATOR. 5 GPM-20 GPM.
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**YELLOWSTONE**  
LANDSCAPE

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Albuquerque, NM 87184  
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design@yellowstonelandscape.com



Date: 04/02/2024

Revisions:

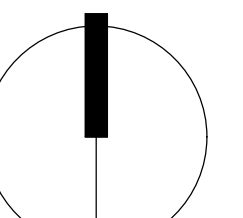
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Drawn by: PL

Reviewed by: CM

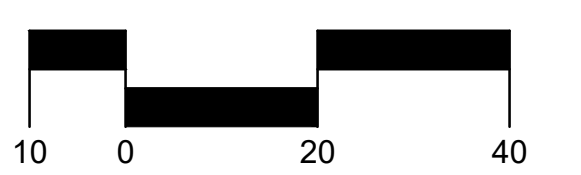
Universe View  
Apartment

Albuquerque, New Mexico



NORTH

Scale: 1" = 20'



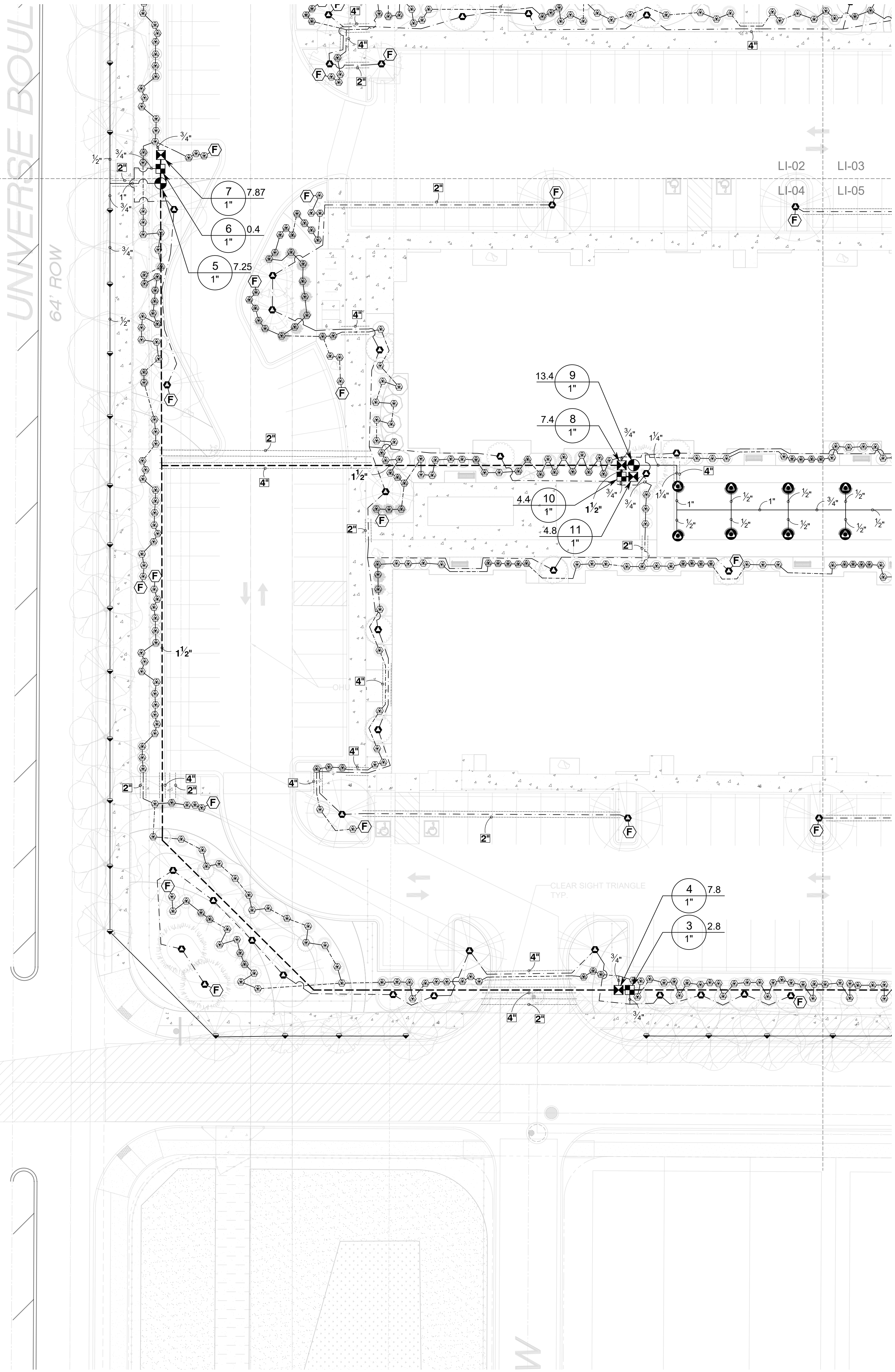
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Plan**

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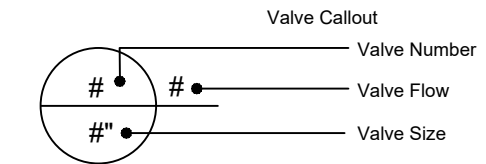
**LI-03**





**IRRIGATION SCHEDULE**

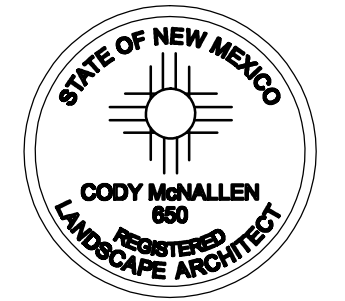
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	RAIN BIRD 1401-1402-1404-1408 DRIP CONTROL VALVE - TREE RAIN BIRD XCZ-100-PRF, MEDIUM FLOW DRIP CONTROL KIT, 1IN. DV VALVE, 1IN. PRESSURE REGULATING FILTER, 40PSI PRESSURE REGULATOR. 3 GPM-15 GPM.
	TRANSITION FITTING PIPE TRANSITION POINT FROM PVC LATERAL TO DRIP TUBING WITH RISER IN 6IN. DRIP BOX.
	FLUSH CAP NDS CEP900
	DRIP EMITTER - SHRUB (2) NDS TAE 20 DRIP EMITTERS
	DRIP EMITTER - TREE (6) NDS TAE 20 DRIP EMITTERS
	CONTROL VALVE RAIN BIRD PEB, 1IN., 1-1/2IN., 2IN. PLASTIC INDUSTRIAL VALVES. LOW FLOW OPERATING CAPABILITY, GLOBE CONFIGURATION.
	MAIN SHUT OFF VALVE SPEARS SCH80 PVC COMPACT BALL VALVE
	MASTER VALVE 1" RAIN BIRD PEB, 1IN., 1-1/2IN., 2IN. PLASTIC INDUSTRIAL MASTER VALVES. LOW FLOW OPERATING CAPABILITY, GLOBE CONFIGURATION.
	REDUCED PRESSURE BACKFLOW PREVENTER 1" FEBCO 825Y
	CONTROLLER - RAIN BIRD ESP-LXD 50-200 STATION, 2-WIRE DECODER BASED CONTROLLER. (1) ESP-LXD 50-STATION, INDOOR/OUTDOOR, PLASTIC WALL-MOUNT ENCLOSURE. SYSTEM REQUIREMENTS: RAIN BIRD FD-XXX-TURF FIELD DECODERS, PAIGE ELECTRIC CABLE P7072D & RAIN BIRD WC20 DRY SPLICES ONLY. GROUND SYSTEM W/ (X) LSP-1TURF LINE SURGE PROTECTORS IN RAIN BIRD ROUND VALVE BOXES. INSTALL PER MANUFACTURERS RECOMMENDATIONS.
	FLOW SENSOR CREATIVE SENSOR TECHNOLOGY FSI-T10-001 1IN. PVC TEE TYPE FLOW SENSOR W/SOCKET ENDS, CUSTOM MOUNTING TEE AND ULTRA-LIGHTWEIGHT IMPELLER ENHANCES LOW FLOW MEASUREMENT. 2 WIRE DIGITAL OUTPUT COMPATIBLE W/ALL IRRIGATION CONTROLLERS. FLOW RANGE: .86 GPM - 52 GPM.
	POINT OF CONNECTION 1 1/2"
	IRRIGATION LATERAL LINE: PVC SCHEDULE 40
	IRRIGATION LATERAL LINE: A940 DRIP POLYLINE
	IRRIGATION LATERAL LINE: A940RDS DRIP POLYLINE
	IRRIGATION MAINLINE: PVC SCHEDULE 40
	PIPE SLEEVE: PVC CLASS 200 SDR 21



**IRRIGATION NOTES**

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- IF ANY ERRORS OR DISCREPANCIES APPEAR ON THE PLAN, THEY MUST BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT BEFORE CONSTRUCTION OF THE IRRIGATION SYSTEM BEGINS.
- LANDSCAPE INSTALLER SHALL PERFORM PRESSURE/GPM TEST AT POINT OF CONNECTION BEFORE INSTALLING IRRIGATION SYSTEM TO VERIFY PSI AND GPM FOR THE SITE.
- IRRIGATION SYSTEM HAS BEEN DESIGNED TO A MINIMUM DYNAMIC PRESSURE OF 75 PSI AT 50 GPM. IF THE PSI/GPM ARE LOWER THAN 75/50 THE LANDSCAPE ARCHITECT MUST BE NOTIFIED IMMEDIATELY.
- THE CONTRACTOR SHALL FIELD VERIFY UTILITY LOCATIONS AND MAKE ANY NECESSARY FIELD ADJUSTMENTS WITH GENERAL CONTRACTOR.
- THE LOCATION OF IRRIGATION EQUIPMENT IS APPROXIMATE AND SHALL BE LOCATED IN THE LANDSCAPE AREAS. ANY IRRIGATION EQUIPMENT AND PIPING SHOWN OUTSIDE OF LANDSCAPE AREAS ARE FOR GRAPHIC CLARITY ONLY.
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- WATER METER TO BE PROVIDED BY OTHERS.
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- PER 5-6(C)(14)(d), THE IRRIGATION SYSTEM SHALL NOT SPRAY OR IRRIGATE IMPERVIOUS SURFACES, INCLUDING SIDEWALKS, DRIVEWAYS, DRIVE AISLES, STREETS, AND PARKING AND LOADING AREAS.

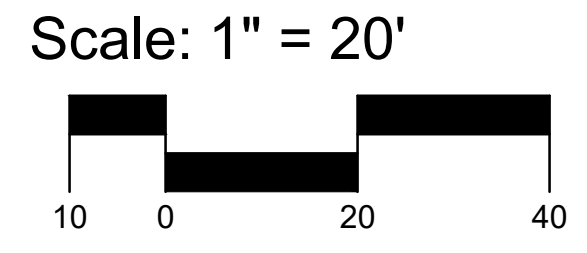
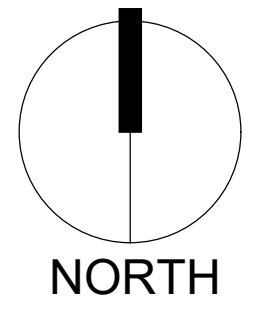
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design@yellowstonelandscape.com



Date: 04/02/2024  
Revisions:  
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Drawn by: PL  
Reviewed by: CM

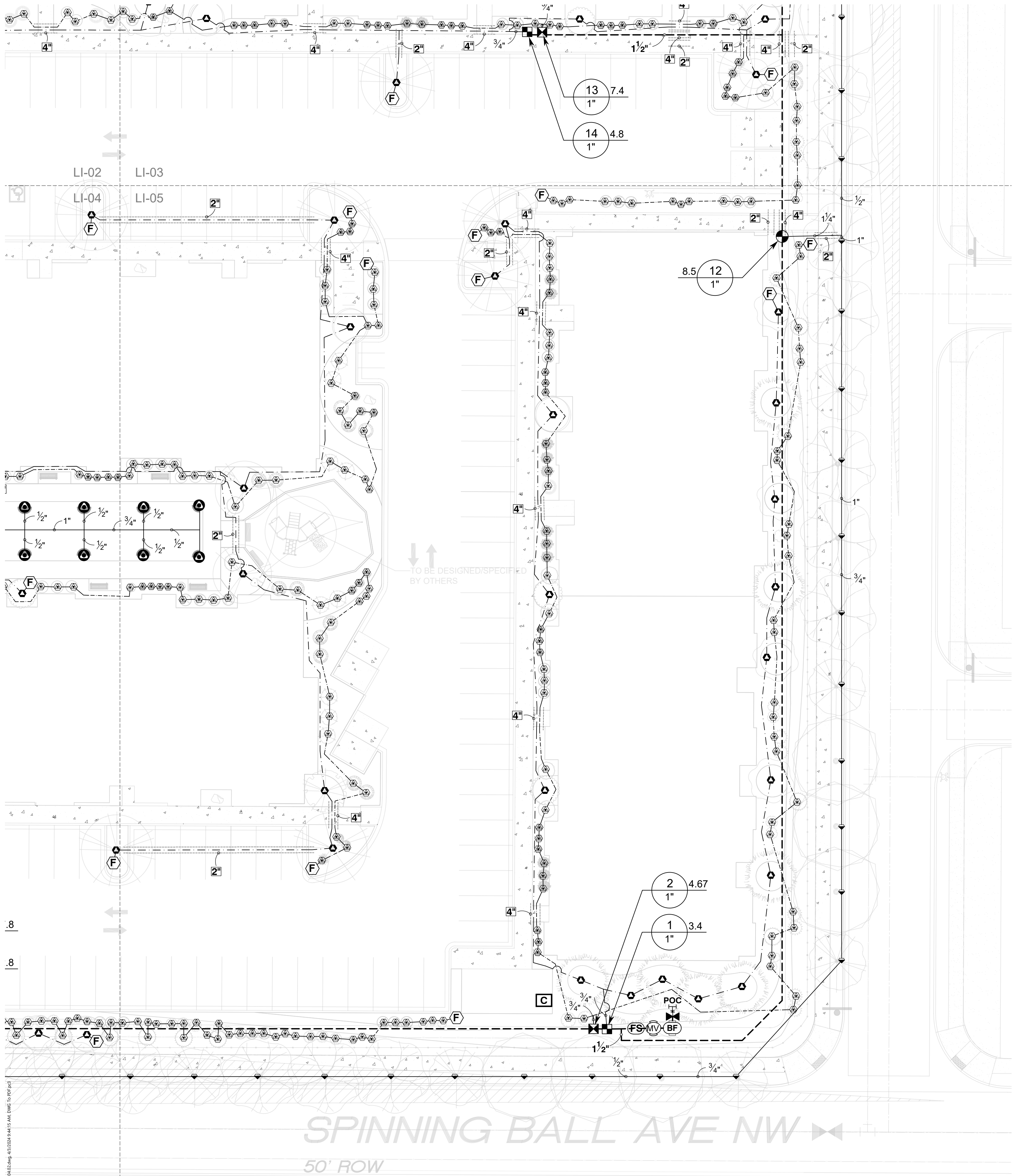
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**Apartment**  
 Albuquerque, New Mexico



Sheet Title:  
**Irrigation**  
**Plan**

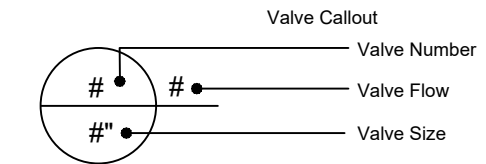
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**IRRIGATION SCHEDULE**

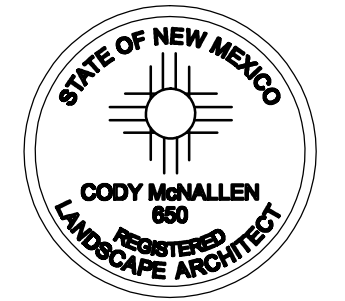
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION
	RAIN BIRD R-VAN24 - TURF ROTARY 1804-SAM-P45, 17FT.-24FT. 45-270 DEGREES AND 360 DEGREES, HAND ADJUSTABLE MULTI-STREAM ROTARY W/1800 TURF SPRAY BODY ON 4IN. POP-UP, WITH CHECK VALVE AND 45 PSI IN-STEM PRESSURE REGULATOR, 1/2IN. NPT FEMALE THREADED INLET.
	RAIN BIRD 1800-1400 FLOOD FIXED FLOW RATE 0.25 GPM - 2.0 GPM, FULL CIRCLE BUBBLER, 1/2IN. FIPT.
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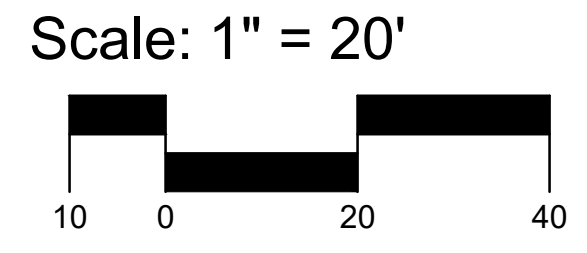
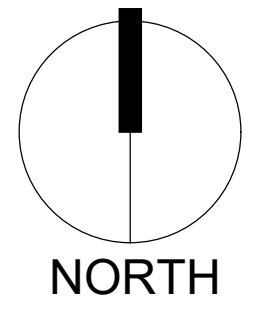
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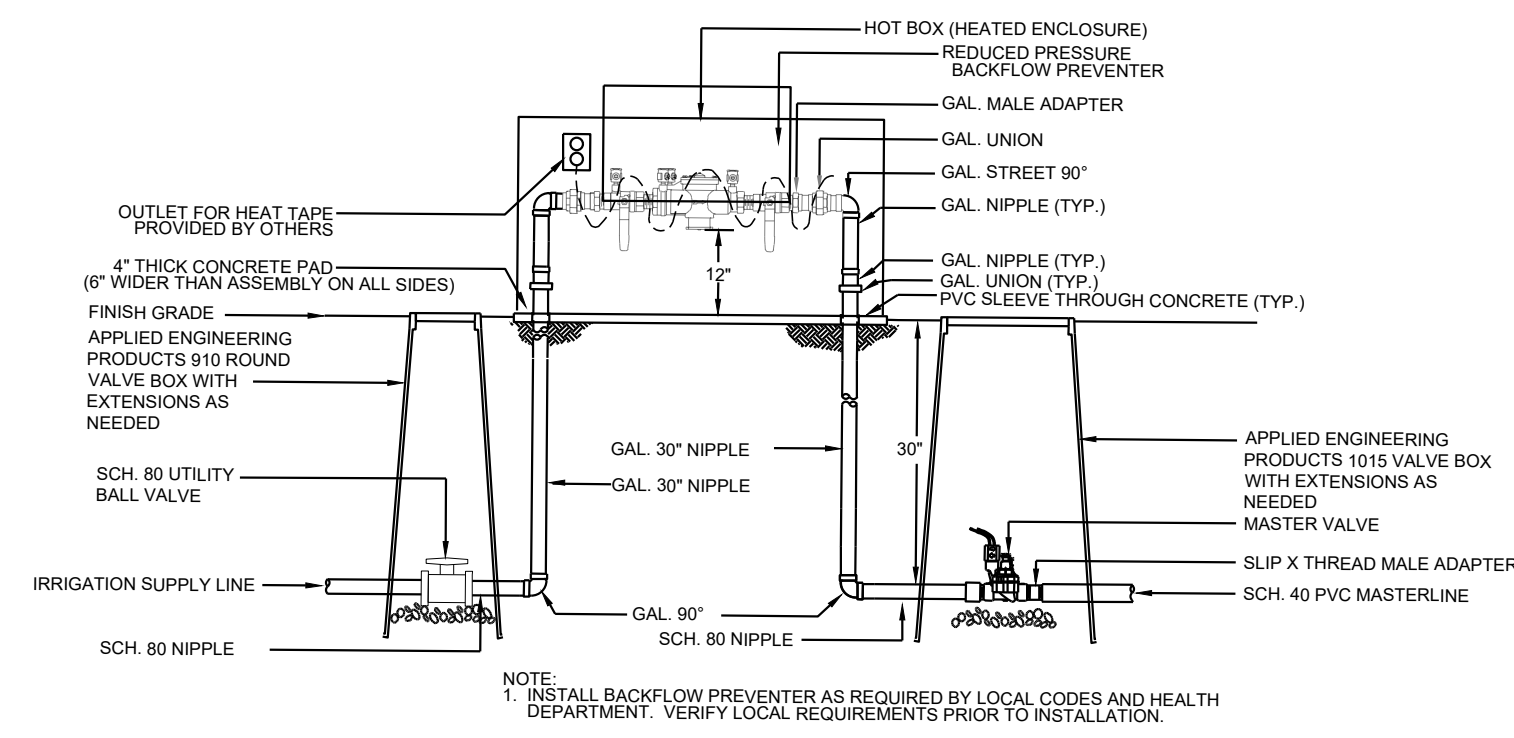
Universe View  
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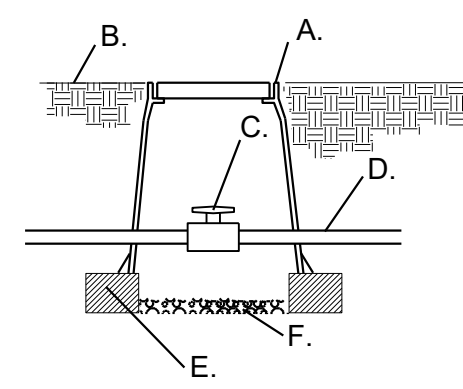
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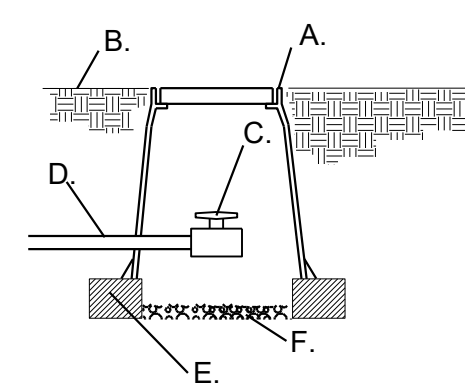


1 RP BACKFLOW/MASTER VALVE DETAIL N.T.S.



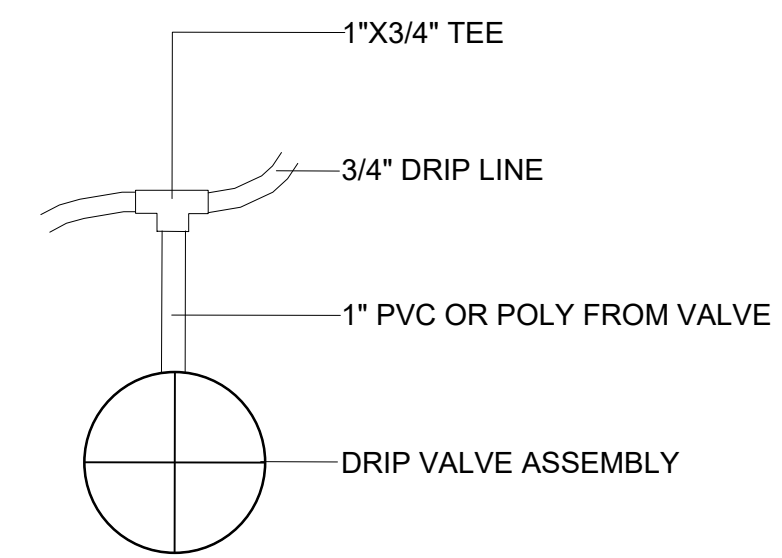
- A. APPLIED ENGINEERING PRODUCTS 910 ROUND VALVE BOX WITH EXTENSIONS AS NEEDED
- B. FINISH GRADE
- C. SCH. 80 UTILITY BALL VALVE
- D. MAINLINE/24" BURY
- E. 8" X 8" X 16" CMU CONCRETE BLOCK
- F. 4" LAYER OF 3/4" GRAVEL

2 MAINLINE ISOLATION VALVE DETAIL N.T.S.

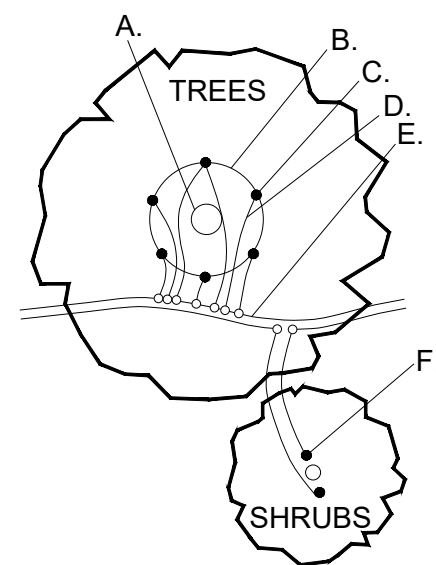


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- C. SCH. 80 UTILITY BALL VALVE
- D. MAINLINE/24" BURY
- E. 8" X 8" X 16" CMU CONCRETE BLOCK
- F. 3/4" GRAVEL SUMP UNDER MANUAL DRAIN TO BE A MINIMUM OF 12" DEEP

3 MANUAL DRAIN VALVE DETAIL N.T.S.

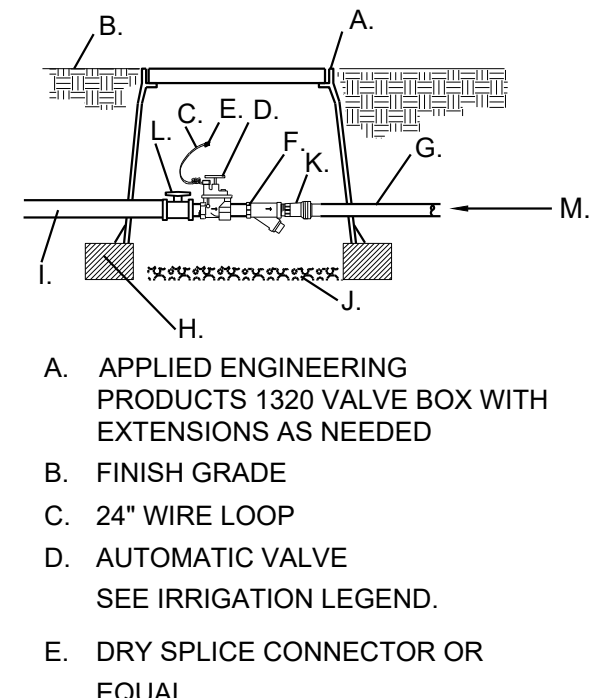


4 DRIP VALVE DETAIL N.T.S.



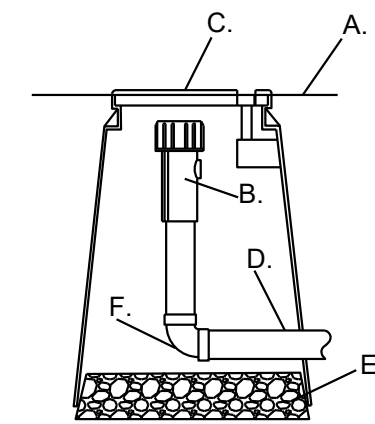
- A. TREE TRUNK/ ROOT CROWN
  - B. 24" CIRCLE FROM TRUNK
  - C. EMITTERS
  - D. 1/4" DISTRIBUTION LINE
  - E. PE DRIFLINE
  - F. EMITTER PLACED WITHIN 6" OF PLANT STEM
- NOTE: INSTALL EMITTERS ABOVE THE ROOT BALL IF PLANT IS INSTALLED ON A SLOPE.

5 EMITTER PLACEMENT DETAIL N.T.S.



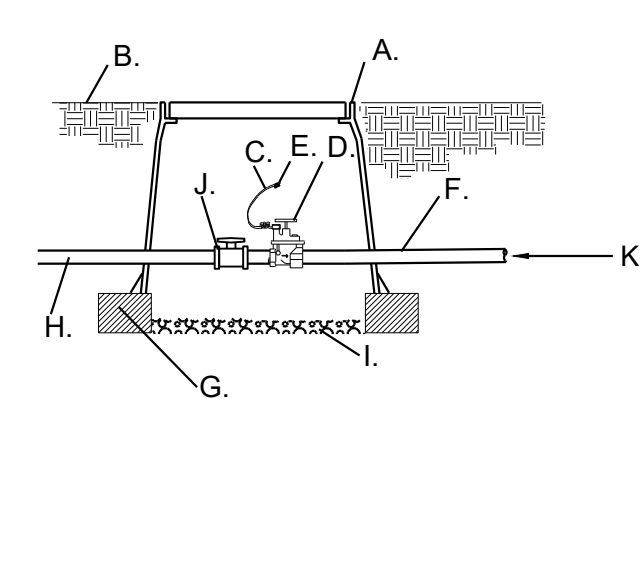
- F. "WYE" STRAINER STRAINER SHALL BE INSTALLED TO PROVIDE ACCESS FOR MAINTENANCE AND REPLACEMENT OF FILTER
  - G. LATERAL LINE/24" BURY
  - H. 8" X 8" X 16" CMU CONCRETE BLOCK
  - I. MASTERLINE/24" BURY
  - J. 4" LAYER OF 3/4" GRAVEL
  - K. PRESSURE REGULATOR
  - L. SCH. 80 TRUE UNION BALL VALVE
  - M. SCH. 40 PVC LATERAL LINE
- A. APPLIED ENGINEERING PRODUCTS 1320 VALVE BOX WITH EXTENSIONS AS NEEDED
  - B. FINISH GRADE
  - C. 24" WIRE LOOP
  - D. AUTOMATIC VALVE SEE IRRIGATION LEGEND.
  - E. DRY SPLICE CONNECTOR OR EQUAL

6 DRIP VALVE WITH FILTER & PRESSURE REGULATOR N.T.S.



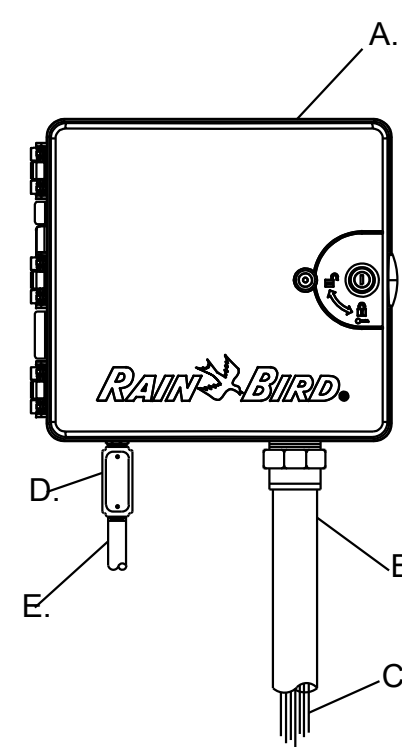
- A. FINISH GRADE
- B. END FLUSH CAP
- C. 6" ROUND BOX WITH LID
- D. 3/4" POLY DRIP PIPE
- E. 2" DEPTH OF GRAVEL
- F. 90° FITTING

7 END FLUSH CAP N.T.S.



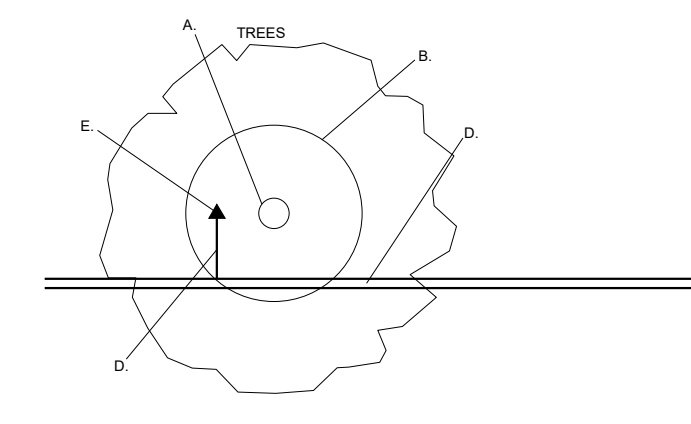
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- J. SCH. 80 TRUE UNION BALL VALVE
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8 AUTOMATIC VALVE N.T.S.



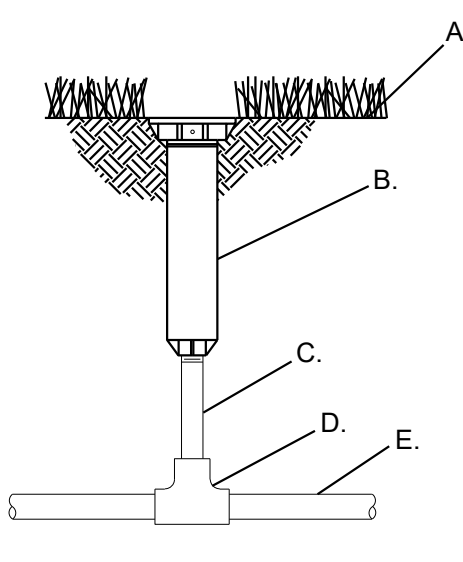
- A. CONTROLLER (see plan for model)
- B. 2" PVC SCH. 40 CONDUIT AND FITTINGS
- C. WIRES TO REMOTE CONTROL VALVES
- D. JUNCTION BOX
- E. 1" PVC SCH. 40 CONDUIT AND FITTINGS TO POWER SUPPLY

9 WALL MOUNTED AUTOMATIC CONTROLLER N.T.S.



- A. TREE TRUNK/ ROOT CROWN
  - B. 36" DIA BERM AROUND TREE
  - C. 24" DIA BERM AROUND SHRUB
  - D. PVC LATERAL PIPE (SIZE VARIES)
  - E. BUBBLER PLACED 6" INSIDE BERM
- NOTE: INSTALL BUBBLER(S) ABOVE THE ROOT BALL IF PLANT IS INSTALLED ON A SLOPE.

10 BUBBLER PLACEMENT DETAIL N.T.S.

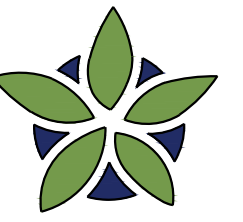


- A. FINISH GRADE
- B. POP-UP SPRAY SPRINKLER: RAIN BIRD 1804-SAM-PRS BODY WITH RAINBIRD R-VAN NOZZLE
- C. PVC SCH.40 NIPPLE
- D. PVC SCH.40 TEE
- E. PVC LATERAL LINE

11 ROTATOR SPRINKLER N.T.S.

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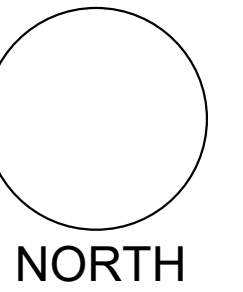


Date: 04/02/2024

- Revisions:
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Drawn by: PL  
Reviewed by: CM

Universe View  
Apartment  
Albuquerque, New Mexico



Sheet Title:  
**Irrigation  
Plan**

Sheet Number:

**LI-06**