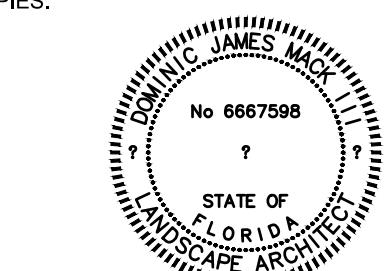




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REGISTERED LANDSCAPE ARCHITECT, LICENSE NO.
LA6667598.

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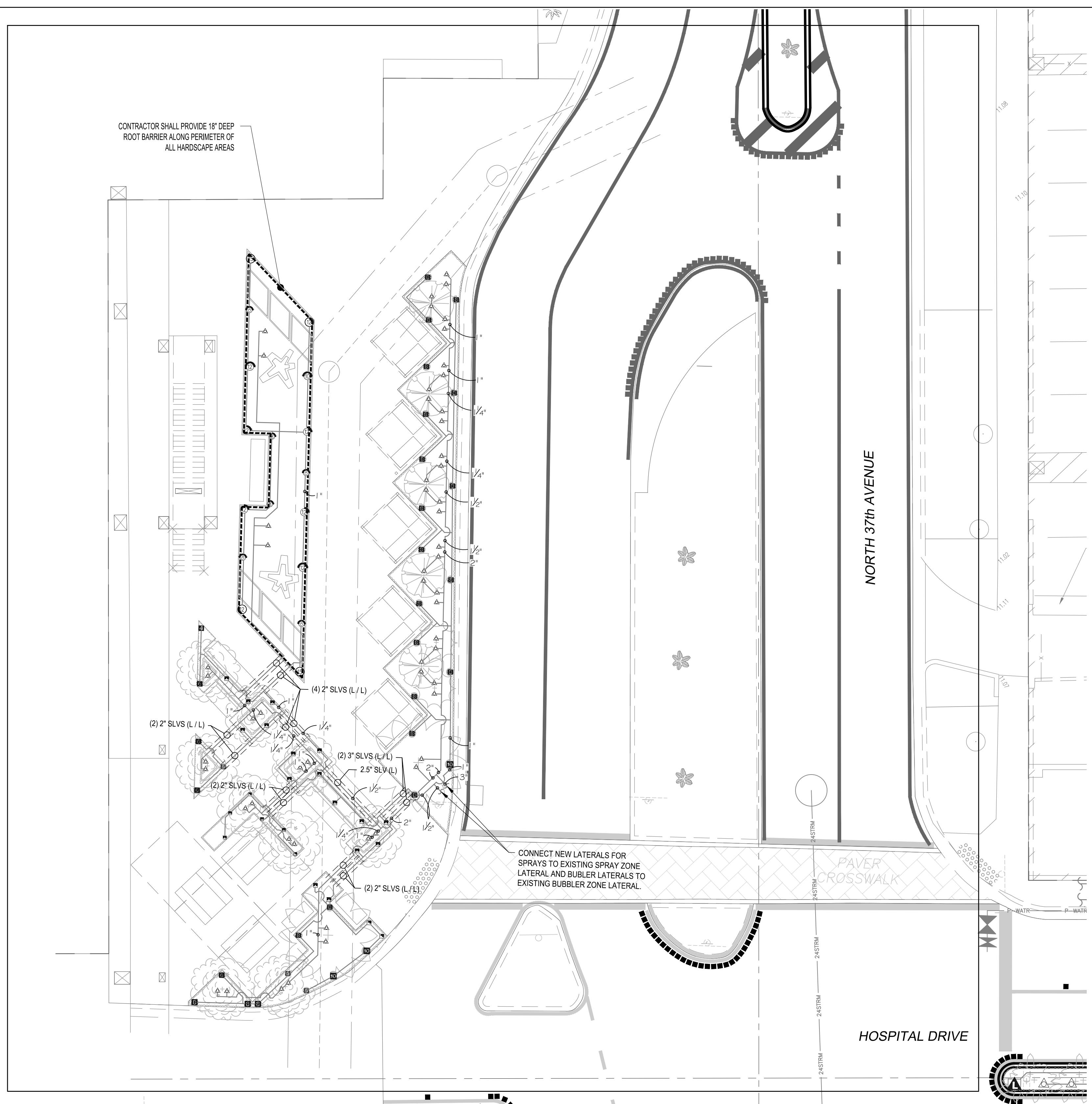


No 6667598
1
STAFF OF
LANDSCAPE ARCHITECT

HKS PROJECT NUMBER
23459.000
DATE
MARCH 21, 2025

ISSUE
**ISSUED FOR
CONSTRUCTION**

SHEET NO.
L1001



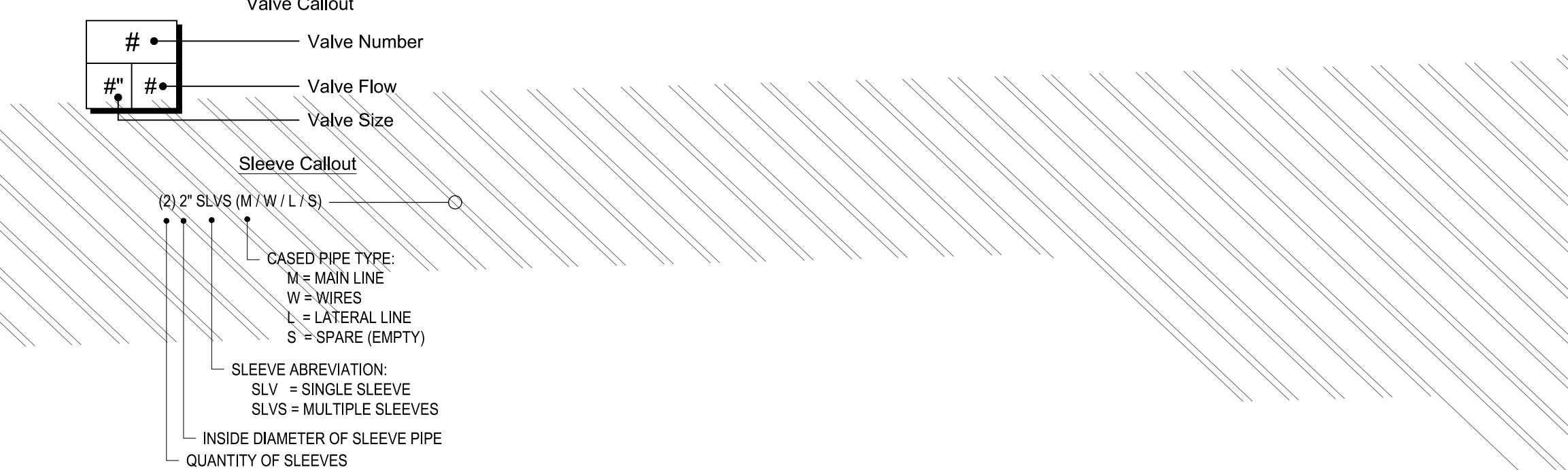
1 ENLARGEMENT PLAN: CORNER PLAZA - IRRIGATION PLAN

IRRIGATION SCHEDULE (CORNER PLAZA)

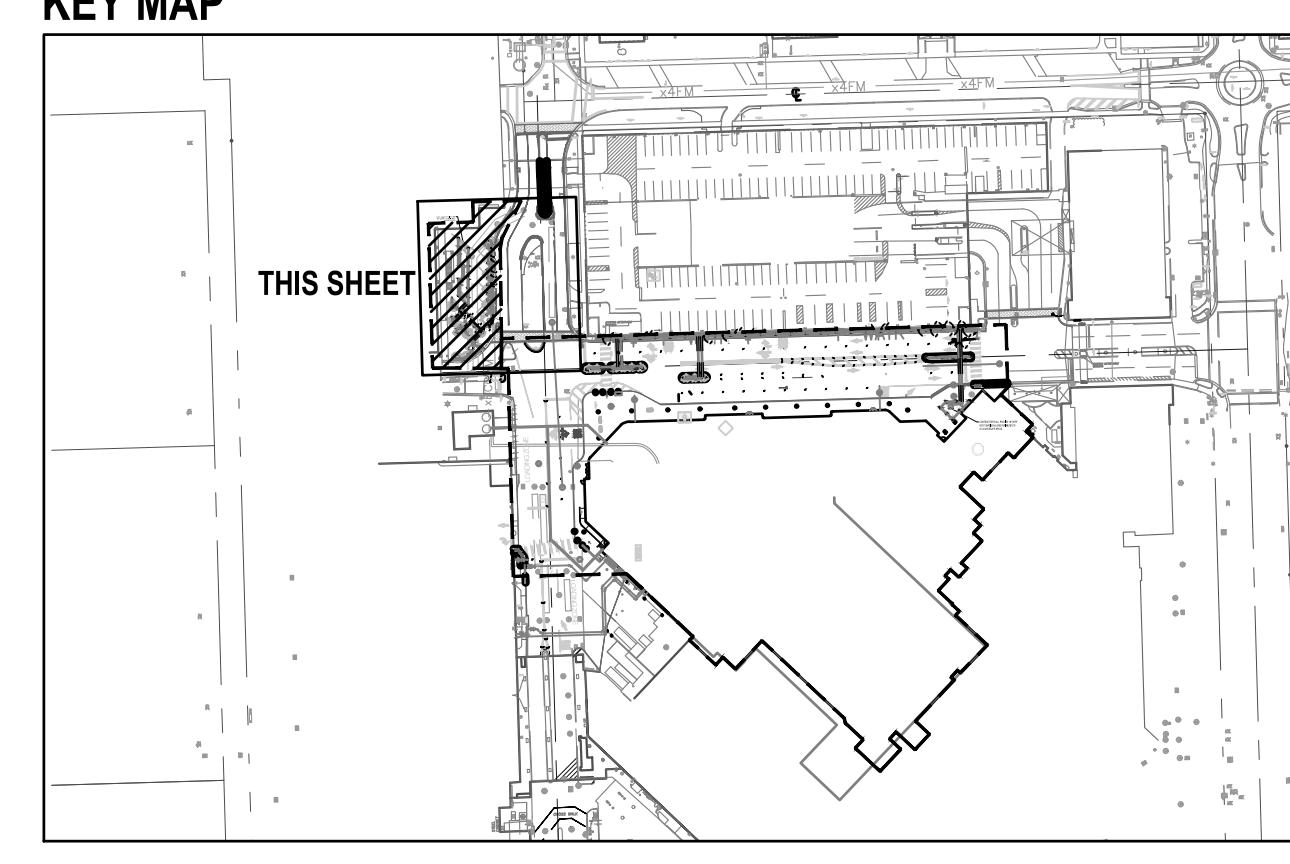
SYMBOL	MANUFACTURER/MODEL	QTY	ARC	PSI	GPM	RADIUS
●	Rain Bird 1806-SAM-PRS 08H	4	180	30	0.52	8'
●	Rain Bird 1806-SAM-PRS 08Q	2	90	30	0.26	8'
●	Rain Bird 1806-SAM-PRS 10H	1	180	30	0.79	10'
●	Rain Bird 1806-SAM-PRS 12H	2	180	30	1.3	12'
●	Rain Bird 1806-SAM-PRS 12Q	4	90	30	0.65	12'
●	Rain Bird 1806-SAM-PRS 12V	2	Adj	30	≤ 2.38	12'
●	Rain Bird 1806-SAM-PRS 15V	2	Adj	30	≤ 3.67	15'
■	Rain Bird 1812-SAM-PRS SQ-2HFL	20	180	30	0.2	2.5x5'
■	Rain Bird 1812-SAM-PRS SQ-2QTR	4	LCS	30	0.12	2.5x2.5'
■	Rain Bird 1812-SAM-PRS 05H	2	180	30	0.2	5'
■	Rain Bird 1812-SAM-PRS 05Q	1	90	30	0.1	5'
■	Rain Bird 1812-SAM-PRS 08H	17	180	30	0.52	8'
■	Rain Bird 1812-SAM-PRS 08Q	2	90	30	0.26	8'
■	Rain Bird 1812-SAM-PRS 10H	1	180	30	0.79	10'
■	Rain Bird 1812-SAM-PRS 10Q	2	90	30	0.39	10'
■	Rain Bird 1812-SAM-PRS 04V	1	Adj	30	≤ 1.15	4'
■	Rain Bird 1812-SAM-PRS 06V	4	Adj	30	≤ 1.48	6'
■	Rain Bird 1812-SAM-PRS 08V	3	Adj	30	≤ 2.88	8'
△	Rain Bird 1800-1300AF Flood F	56	360	30	1.7	3'

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
	Irrigation Lateral Line: PVC Schedule 40	869.8 l.f.

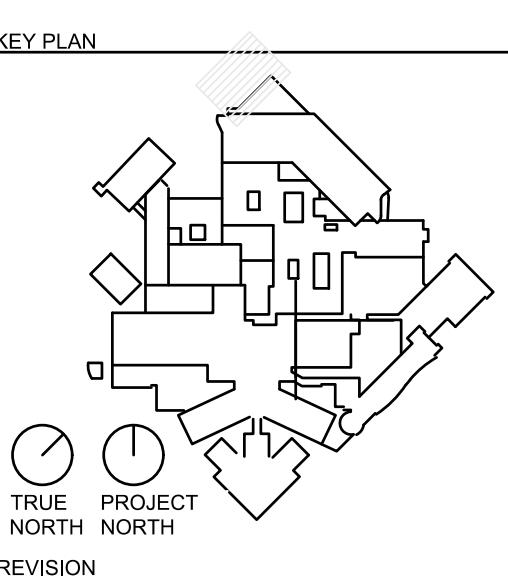
Pipe Sleeve: PVC Schedule 40 86.4 l.f.



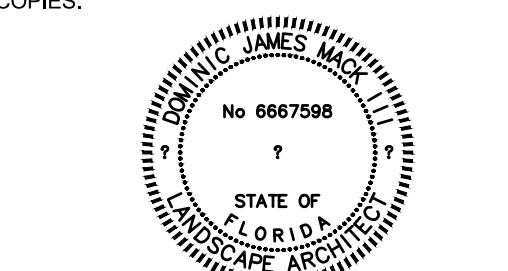
KEY MAP



LI401 IRRIGATION PLAN - CORNER PLAZA



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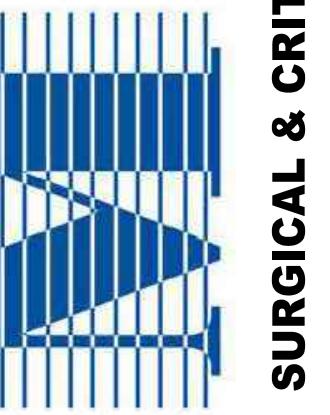
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SHEET TITLE
IRRIGATION PLAN -
CORNER PLAZA

SHEET NO.

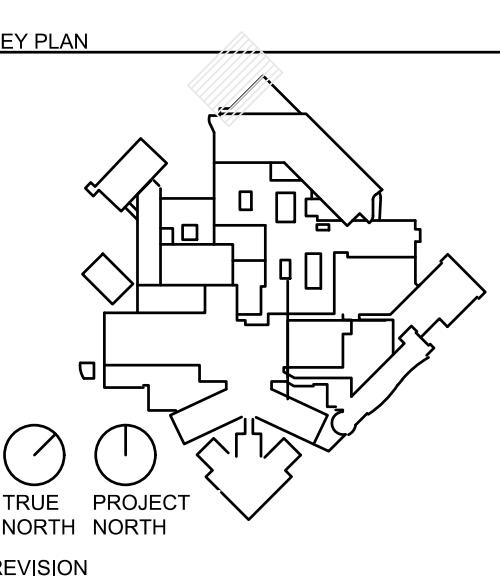
LI401

Memorial Regional Hospital



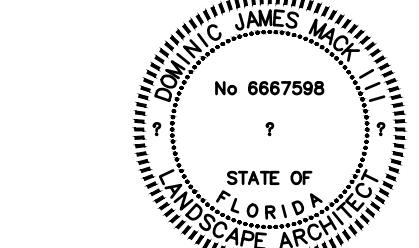
SURGICAL & CRITICAL CARE TOWER EXPANSION

3501 JOHNSON STREET, HOLLYWOOD, FL 33021



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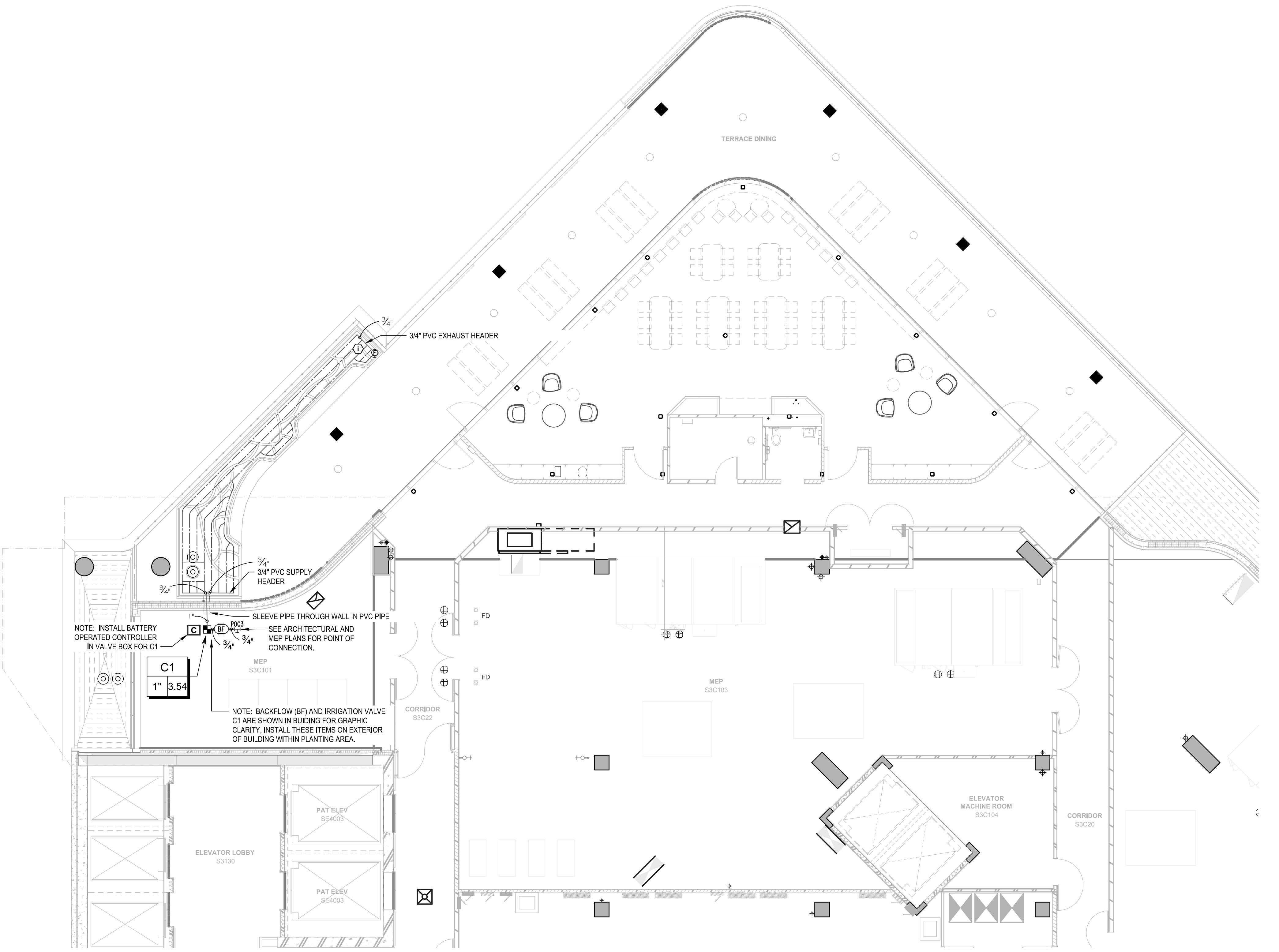
SHEET TITLE

IRRIGATION PLAN -

LEVEL 3 COURTYARD

SHEET NO.

LI402



1 IRRIGATION PLAN: LEVEL 3 COURTYARD

IRRIGATION SCHEDULE LEVEL 3

SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY
■	Rain Bird XZCLF-100-PRF Low Flow Control Zone, 0.2-10 GPM, with 1in. Low Flow Valve valve and 1in. Pressure Regulating RBV filter and 40psi pressure regulator. Install with DC Latching Solenoid.	1
□	Netefim TL050MFV-1 Automatic flush valve, 1/2in. male pipe thread.	1
○	Rain Bird OPERIND Drip System Operation Indicator, stem rises 6in. for clear visibility when drip system is charged to a minimum of 20psi. Includes 16in. of 1/4in. distribution tubing with connection fitting pre-installed.	1
—	Rain Bird XFS-08-12 XFS Sub-Surface Pressure Compensating Dripline w/Copper Shield Technology, 0.8 GPH emitters at 12° O.C. UV Resistant. Specify XF insert fittings.	210.8 lf.
■	Watts LF800M4QT 1/2" Standardly equipped with tee handle quarter turn ball valve shut-off. See specification sheet for more information.	1
□	Rain Bird ESP-BAT-BT1 1 Station Bluetooth battery-operated controller with one dedicated master valve/pump output, sensor wire and one common wire. Requires AA batteries for an extended battery life of up to five years. Valves shall be install with TB0SPSOL DC latching solenoid. Controller shall be used with Rain Bird 2.0 app for scheduling and programming.	1
POC3	Point of Connection 1" Building water supply, by others see Architectural and MEP Drawings	1
—	Irrigation Lateral Line: PVC Schedule 40	15.4 lf.
—	Irrigation Mainline: Type K Copper Pipe	4.1 lf.
—	Pipe Sleeve: PVC Schedule 40	2.2 lf.
Valve Callout		
#	Valve Number	
# #	Valve Flow	
#	Valve Size	

1 XFS-CV SUB-SURFACE/ON SURFACE DRIPLINE TRIANGULAR PATTERN

NOTES:

- FOR ALL XFS-CV AND POLY CONNECTIONS INSTALL XFF AND/OR XFD FITTINGS
- RECOMMENDED MINIMUM FILTRATION: 120 MESH
- PRESSURE AT FLUSH VALVE SHALL BE MIN 15 PSI
- 2 PSI CHECK VALVE (MAX 9' OF WATER(ELEVATION CHANGE))
- REFER TO MAXIMUM LENGTH OF A SINGLE LATERAL CHART

2 DRIP OPERATION INDICATOR

NOTES:

- USE XERIMAN TOOL XM-TOOL TO INSERT BARB TRANSFER FITTING DIRECTLY INTO DRIPLINE TUBING.
- VAN NOZZLE MAY BE SET TO CLOSED, OR IF IT IS DESIGNED TO SPRAY FROM THE NOZZLE, SET THE ARK TO 120 PATTERN. THE FLOW FROM THE NOZZLE, 0.3 GPM, SHOULD BE ACCOUNTED FOR IN THE SYSTEM DESIGN.

3 XFCV ON-SURFACE DRIPLINE AT GRADE

NOTES:

- EASY FIT COMPRESSION TEE: RAIN BIRD MDCTEE
- ON-SURFACE DRIPLINE: RAIN BIRD XF SERIES DRIPLINE POTABLE XFCV DRIPLINE
- MULCH, PER PLANTING PLANS
- FINISH GRADE
- TIE DOWN STAKE: RAIN BIRD TDS-050 WITH BEND (TYPICAL)
- MULCH, PER PLANTING PLANS
- FINISH GRADE

4 RAINBIRD DRIP CONTROL KIT

NOTES:

- VALVE BOX WITH COVER: RAIN BIRD VB-5TD
- 20-INCH LINEAR LENGTH OF CONTROL WIRE, COILED
- WATERPROOF CONNECTION: RAIN BIRD DB SERIES
- ID TAG: RAIN BIRD VID SERIES
- DRIP IRRIGATION CONTROL ZONE VALVE/KIT (PER SCHEDULE)
- PVC BALL VALVE
- PVC SCH 80 NIPPLE CLOSE
- PVC SCH 80 NIPPLE (LENGTH AS REQUIRED)
- PVC SCH 40 ELL (1/2")
- PVC MAINLINE
- PVC SCH 80 UNION (1/2")
- LATERAL (SIZE PER PLAN)
- DRAIN ROCK, 12" MIN. DEPTH
- FINISH GRADE
- PRESSURE REGULATING FILTER

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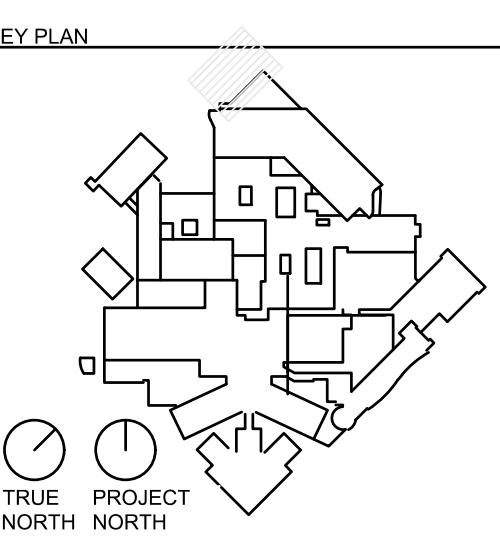
FOR PERMITTING ELEVATIONS ARE IN NAVD 88

Memorial Regional Hospital

SURGICAL & CRITICAL CARE TOWER EXPANSION

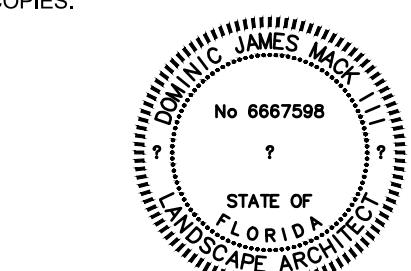


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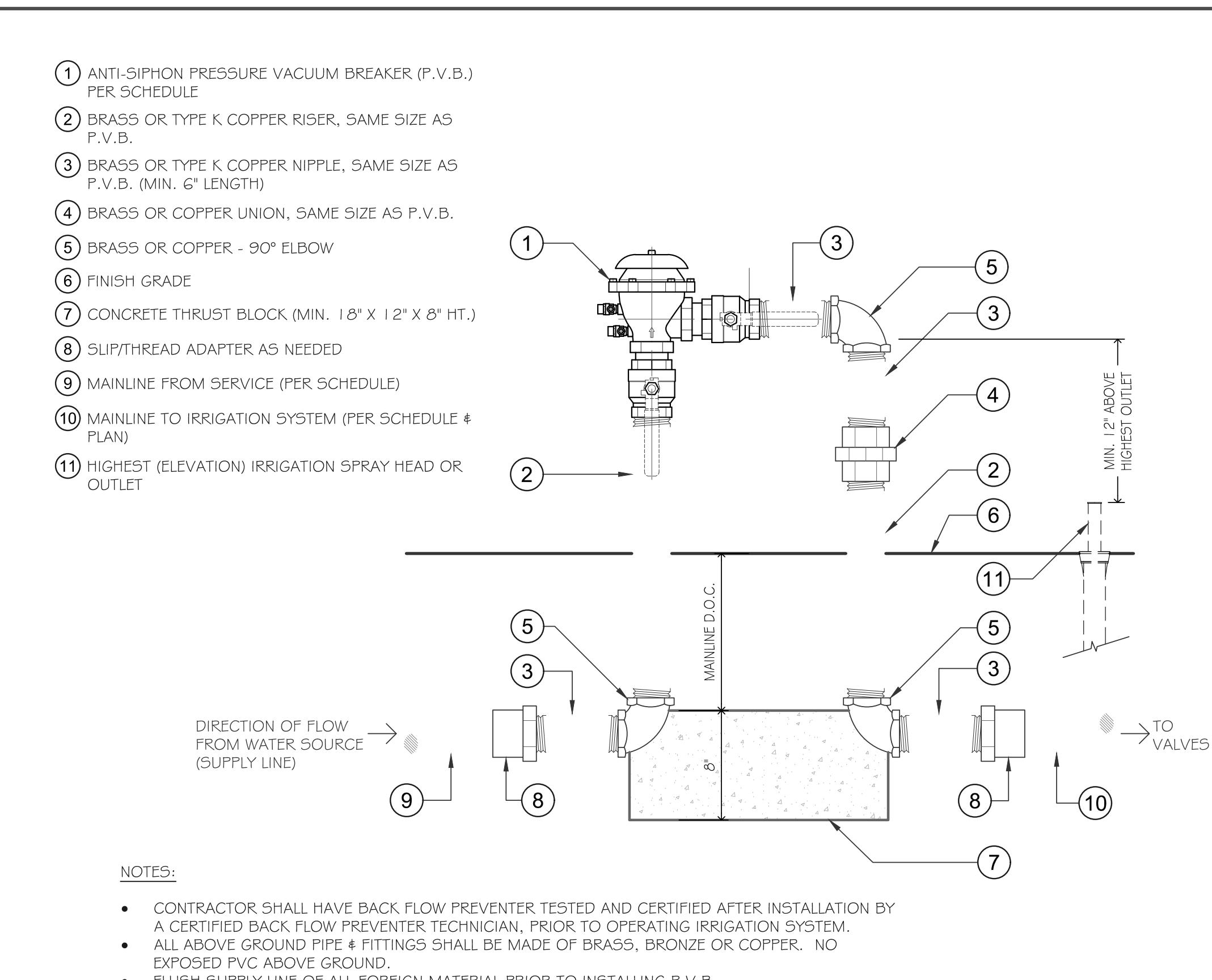
DATE
MARCH 21, 2025

ISSUED FOR
CONSTRUCTION

SHEET TITLE
IRRIGATION DETAILS

SHEET NO.

L1501



NOTES:

- CONTRACTOR SHALL HAVE BACK FLOW PREVENTER TESTED AND CERTIFIED AFTER INSTALLATION BY A CERTIFIED BACK FLOW PREVENTER TECHNICIAN, PRIOR TO OPERATING IRRIGATION SYSTEM.
- ALL ABOVE GROUND PIPE & FITTINGS SHALL BE MADE OF BRASS, BRONZE OR COPPER. NO PVC, ABS, CPVC, OR OTHER ACRYLIC MATERIALS.
- FLUSH SUPPLY LINE OF ALL FOREIGN MATERIAL PRIOR TO INSTALLING P.V.B.
- TEST COCKS ON P.V.B. SHALL BE ACCESSIBLE TO ALLOW CONNECTION OF TEST UNIT.
- MAINLINE SHALL BE PURGED AS SPECIFIED IN TRENCHING DETAIL.
- CONTRACTOR SHALL REFER TO IRRIGATION PLAN & SCHEDULE FOR ALL PIPE SIZING AND MATERIAL SPECIFICATIONS.
- REFER TO IRRIGATION SCHEDULE FOR P.V.B. MODEL
- THIS DETAIL DOES NOT REFLECT ALL INSTALLATION REQUIREMENTS, INSTALLER SHALL ALSO REFER TO MANUFACTURER'S SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS/RECOMMENDATIONS.

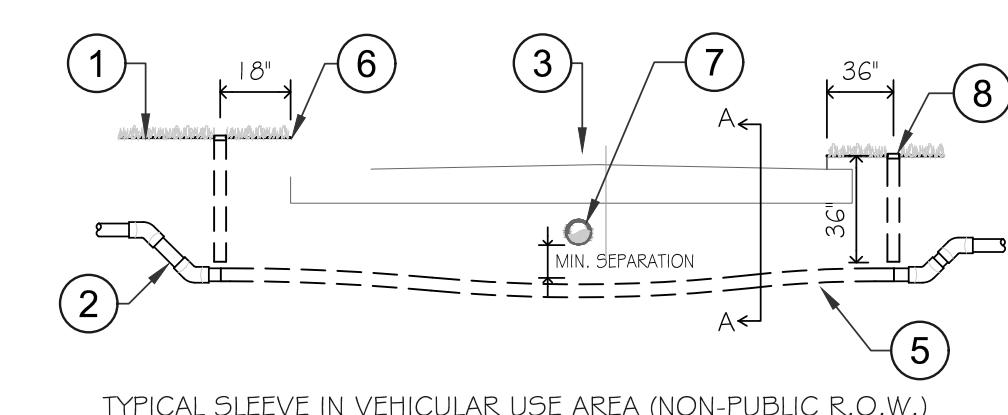
P.C.O.MH-215560-03

1 P.V.B. BACK FLOW PREVENTION DETAIL

NOTE:

- SLEEVES WITHIN EXISTING ROADWAYS OR PAVEMENT (THAT ARE NOT RESURFACED AS PART OF THIS PROJECT) SHALL BE INSTALLED BY DIRECTIONAL BORE WITH NO DAMAGE TO EXISTING PAVEMENT.
- SLIP COUPLINGS SHALL BE A MINIMUM OF 2" I.D. AND AT LEAST 2-SIZES LARGER THAN THE "CASED PIPE" CARRIED IN THE SLEEVE. SIZES NOTED ON PLAN ARE MINIMUM.
- SLEEVES:

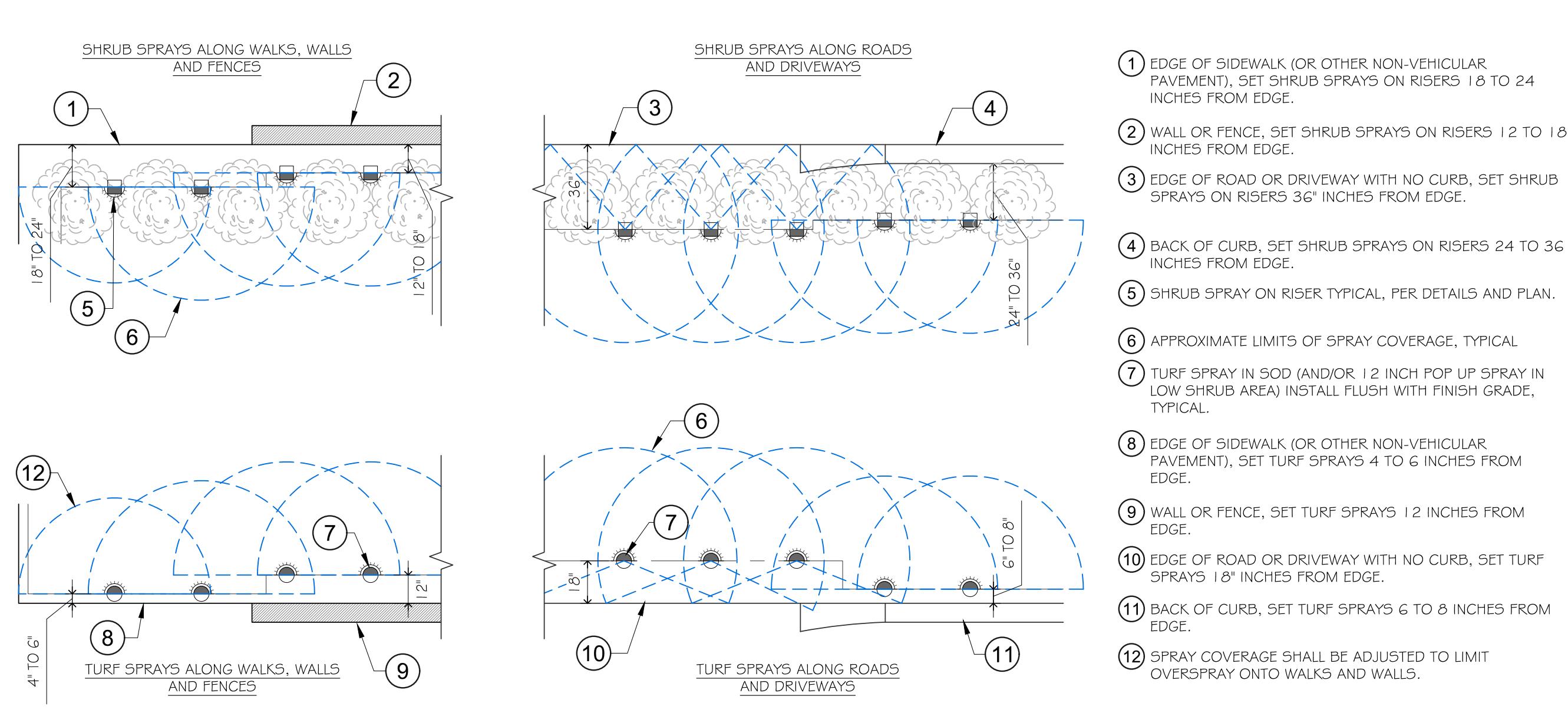
 - 2" TO 4" SHALL BE PVC SCHEDULE 40
 - 6" AND GREATER SHALL BE PVC CLASS 200



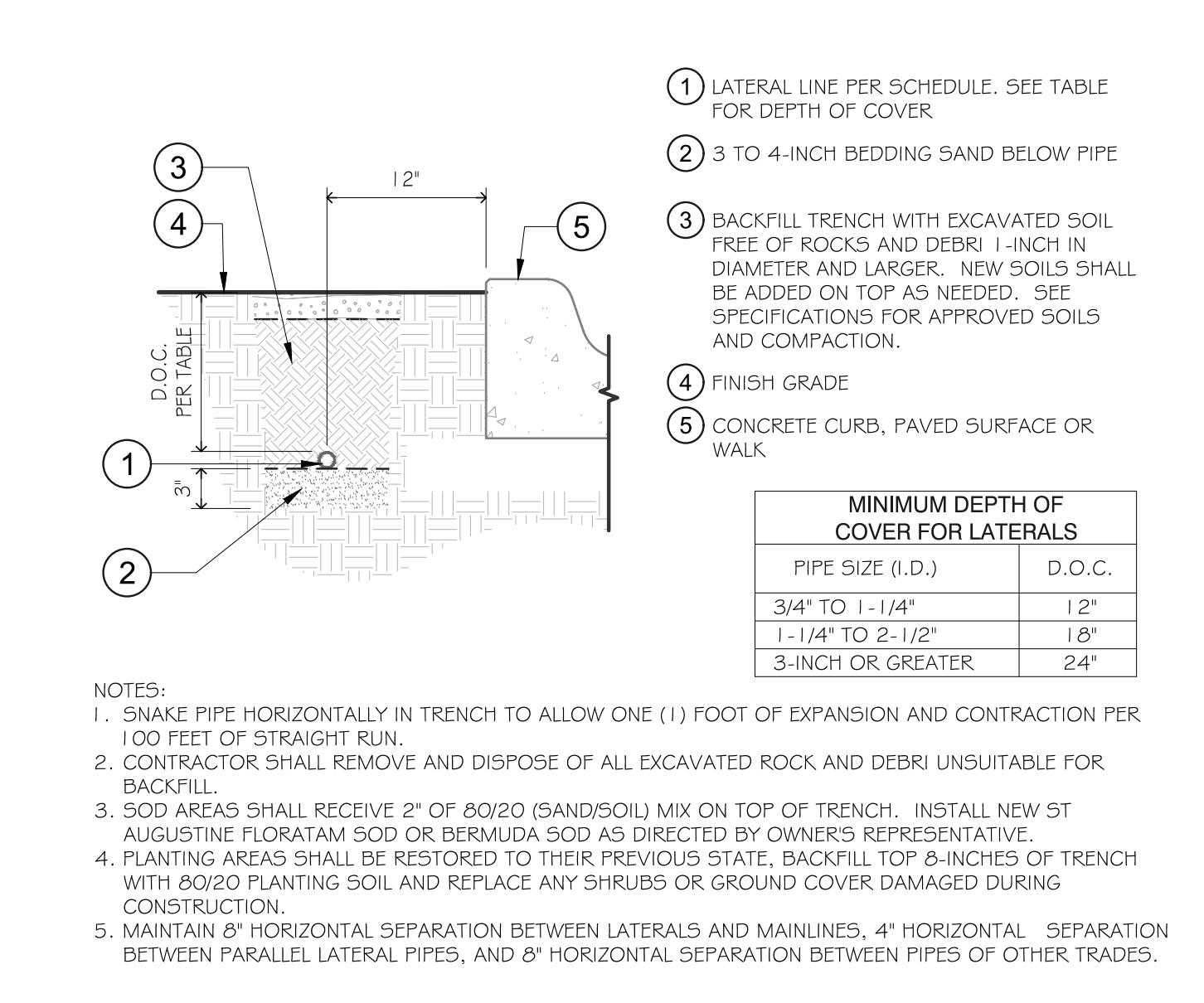
TYPICAL SLEEVE IN VEHICULAR USE AREA (NON-PUBLIC R.O.W.) NEW CONSTRUCTION*

- FINISH GRADE
- IRRIGATION PIPE (MAINLINE, LATERAL, OR WIRE CONDUIT), MAINTAIN A MINIMUM OF 6" (HORIZONTAL) SEPARATION BETWEEN SLEEVES.
- PAVED VEHICULAR USE AREA (I.E. ROADS, PARKING, DRIVE WAYS)
- SECTION VIEW OF SLEEVES, MAINTAIN A MINIMUM OF 6" (HORIZONTAL) SEPARATION BETWEEN ALL SLEEVES.
- SLEEVES BELOW VEHICULAR USE AREAS SHALL HAVE A MINIMUM DEPTH OF COVER OF 36".
- BACK OF CURB
- UTILITY PIPE CONFLICT: IRRIGATION SLEEVES SHALL BE INSTALLED WITH THE MAXIMUM PIPE SEPARATIONS AS PER THE FLORIDA BUILDING CODE, AND ALL LOCAL APPLICABLE CODES/ORDINANCES. CONTRACTOR SHALL VERIFY ALL UTILITIES WITH THE GOVERNING AGENCIES PRIOR TO COMMENCING WORK.
- SLEEVE MARKER, 1" ABOVE FINISH GRADE (2" VERT. PVC PIPE, W/ YELLOW CAP), SHALL BE USED WHEN COVERING EMPTY OR SPARE SLEEVES.

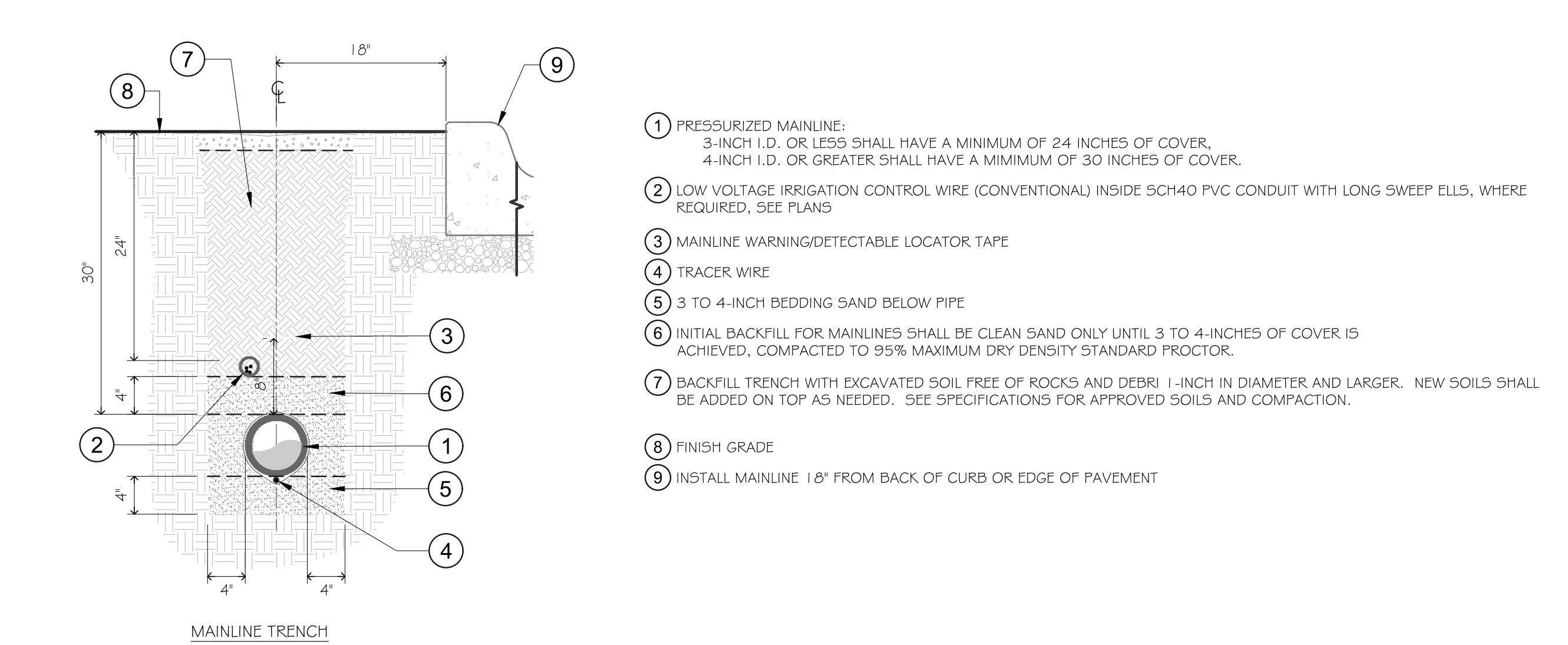
5 IRRIGATION ROAD & DRIVEWAY SLEEVES



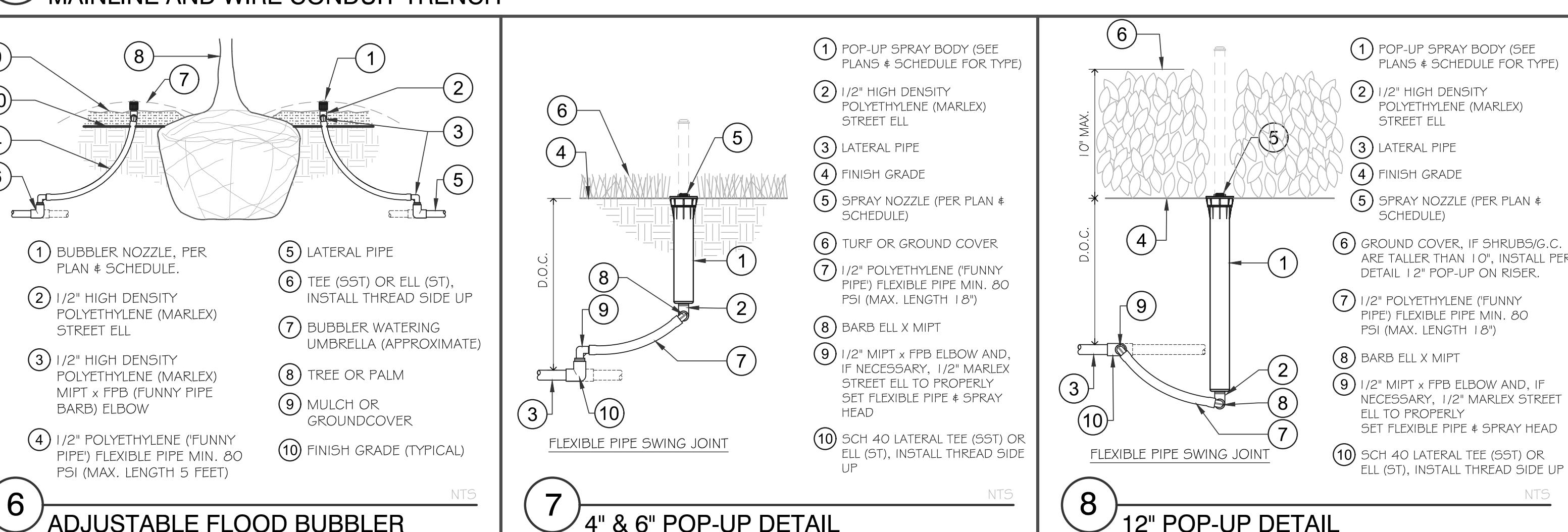
2 IRRIGATION SPRAY HEAD LAYOUT



4 LATERAL PIPE TRENCH DETAIL



3 MAINLINE AND WIRE CONDUIT TRENCH



6 ADJUSTABLE FLOOD BUBBLER

7 4" & 6" POP-UP DETAIL

8 12" POP-UP DETAIL

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