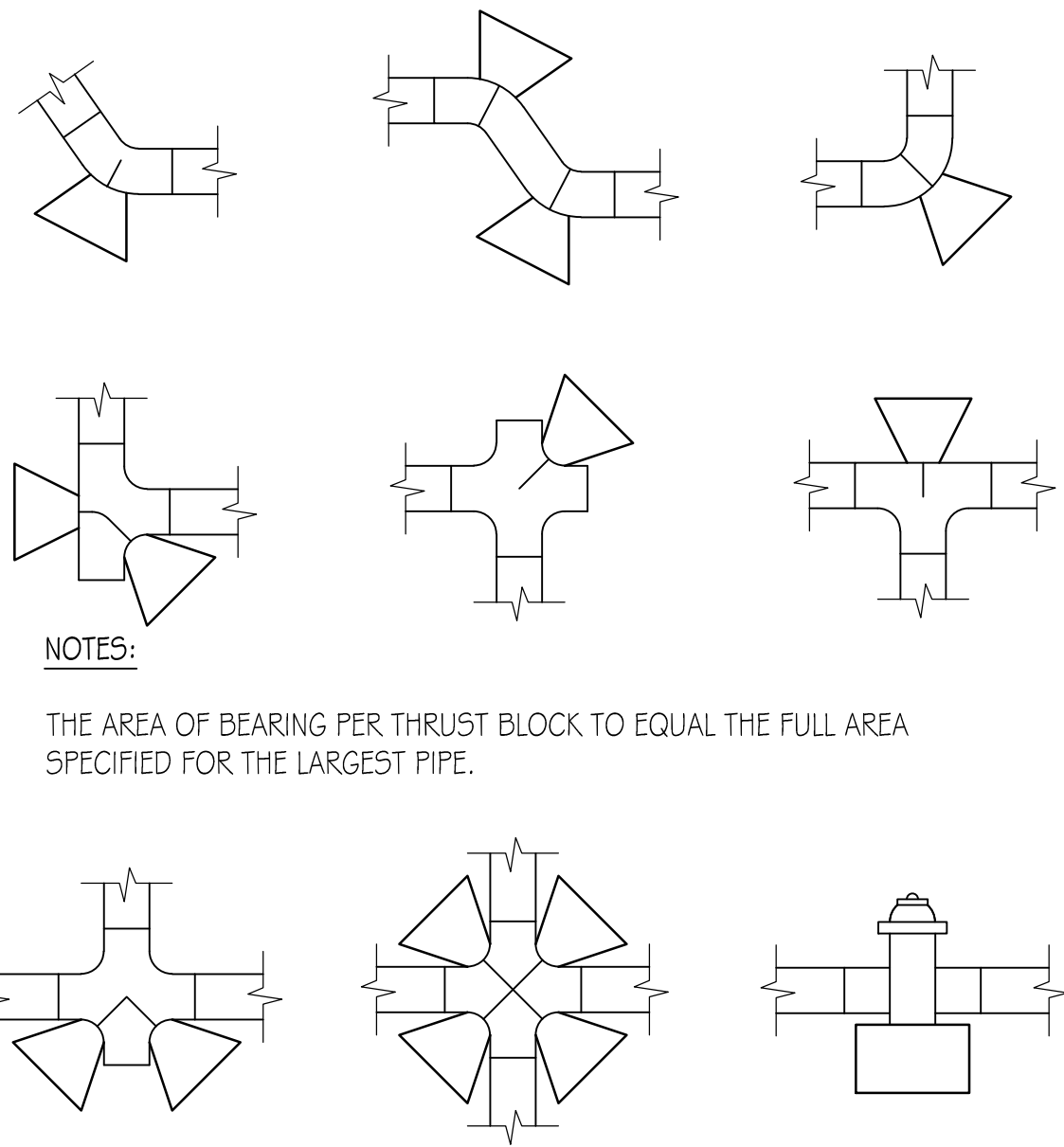




NOTES:

THE AREA OF BEARING PER THRUST BLOCK TO EQUAL THE FULL AREA SPECIFIED FOR THE LARGEST PIPE.

NOTES:

THE AREA OF BEARING PER THRUST BLOCK TO EQUAL 1/2 THE AREA SPECIFIED FOR THE LARGEST PIPE.

#4 REBAR 12" MIN. EMBEDMENT. ALL EXPOSED METAL TO BE COATED IN POLY FM GREASE #1 AND WRAPPED WITH POLYVINYL.

MINIMUM BEARING AREA IN SQUARE FEET									
FITTING SIZE	TEE, WYE, PLUG OR CAP	90° BEND	TEE PLUGGED ON RUN	45° BEND	22.5° BEND	11.25° BEND	45° VERT. BEND (CU. YDS.)		
			A1 A2 CROSS						
4	1.4	1.9	1.9 1.4	1.0	1.0	1.0	1.0		
5	2.8	4.0	4.0 2.8	2.1	1.1	1.0	2.1		
6	4.8	6.8	6.8 4.8	3.7	1.9	1.0	3.6		
10	7.3	10.3	10.3 7.3	5.6	2.8	1.4	5.5		

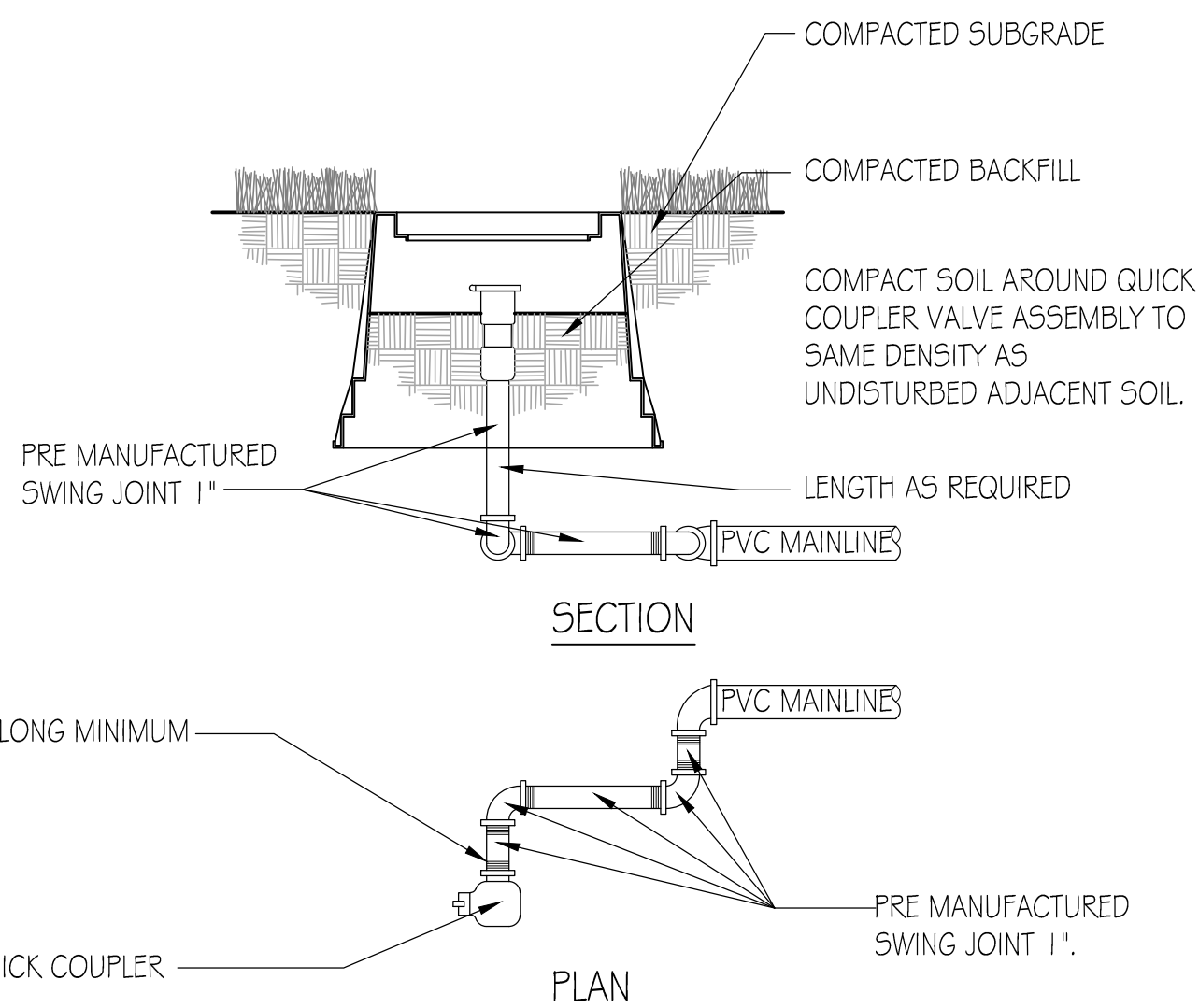
VALUES LISTED ARE FOR 130 PSI TEST PRESSURE & 1733 PSF SOIL BEARING STRESS.

NOTES:

- CONCRETE THRUST BLOCKING TO BE POURED AGAINST UNDISTURBED EARTH OR STRUCTURAL BACK FILL APPROVED BY ARCHITECT.
- KEEP CONCRETE CLEAR OF JOINT AND ACCESSORIES
- ALL BURIED PIPING EXCEPT FLANGED, SCREWED, SOCKET WELD PVC OR WELDED STEEL PIPE SPECIFIED TO BE PRESSURE TESTED SHALL BE PROVIDED WITH CONCRETE THRUST BLOCKS AT ALL DIRECTION CHANGES UNLESS OTHERWISE NOTED.
- THRUST BLOCK SHALL NOT BE LOCATED OR SIZED TO ENCASE ADJACENT PIPES OR FITTINGS.

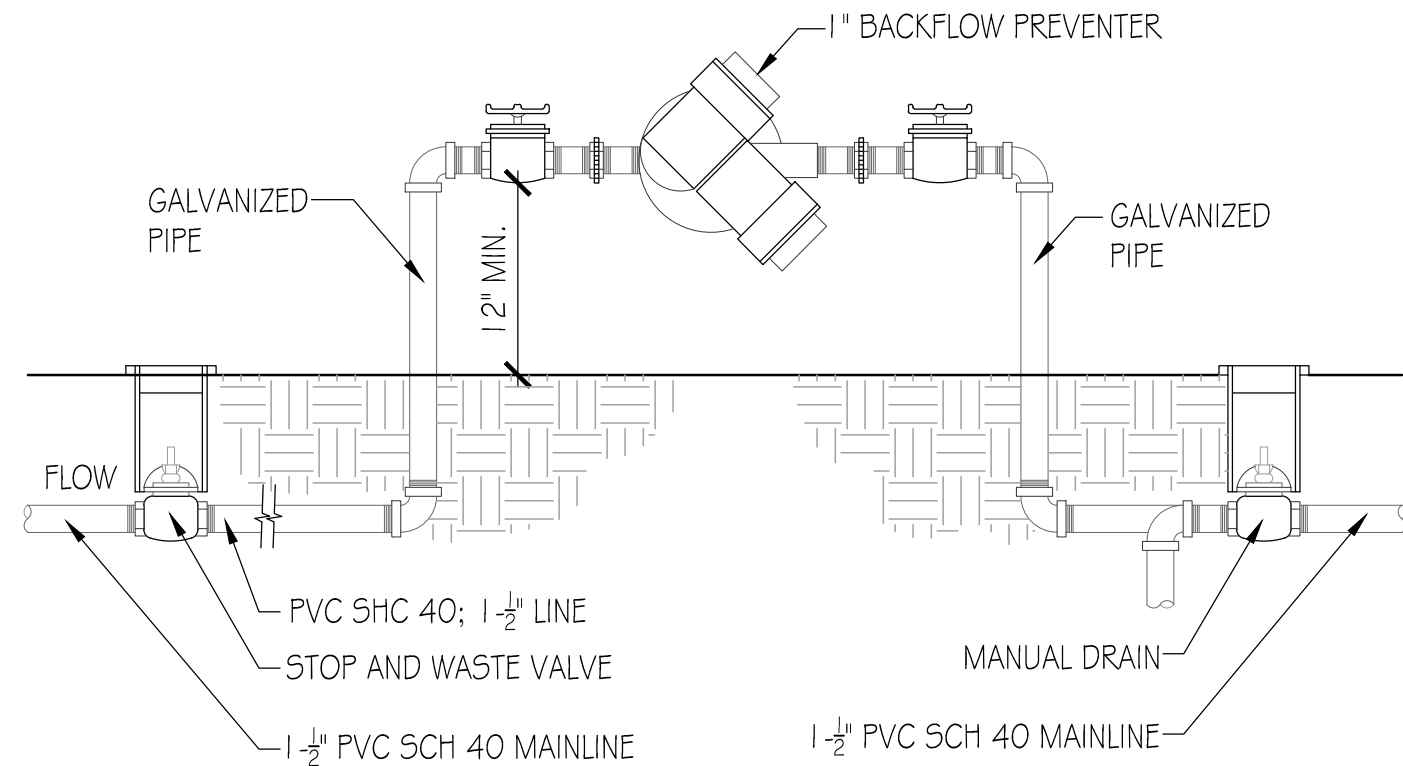
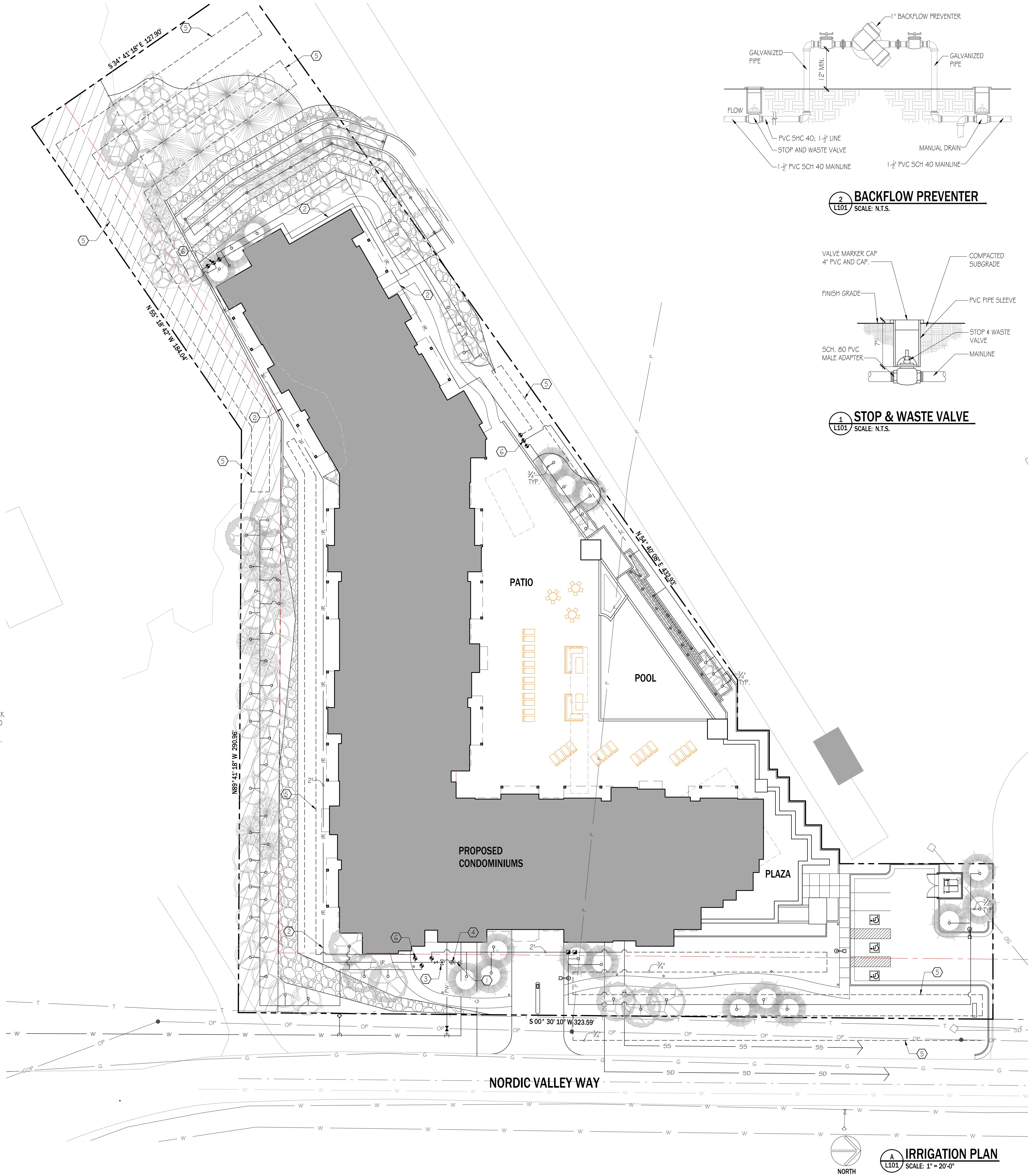
4 TYP. THRUST BLOCKING

L101 SCALE: 1-1/2" = 1'-0"



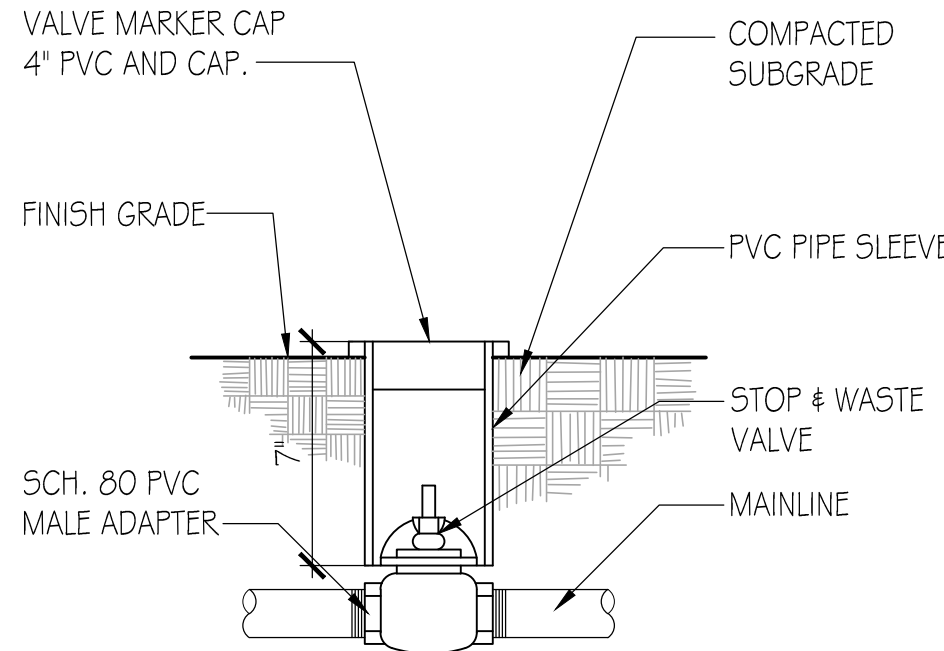
3 QUICK COUPLER VALVE

L101 SCALE: 1" = 1'-0"



2 BACKFLOW PREVENTER

L101 SCALE: N.T.S.



1 STOP & WASTE VALVE

L101 SCALE: N.T.S.

IRRIGATION KEYNOTES: —(X)

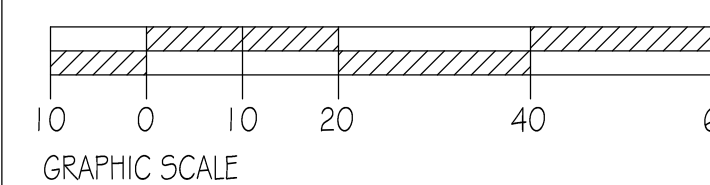
- IRRIGATION METER.
- 2" PVC IRRIGATION MAIN.
- IRRIGATION VALVES AND BACKFLOW PREVENTER.
- STOP & WASTE VALVE.
- SUBSURFACE IRRIGATION SYSTEM.
- IRRIGATION VALVE BOX.

GENERAL IRRIGATION NOTES:

- IRRIGATION SYSTEM IS DESIGN/BUILD. PROVIDE DESIGN TO ARCHITECT FOR APPROVAL PRIOR TO COMMENCEMENT OF WORK.
- EXAMINE SITE TO DETERMINE ACCEPTANCE OF SUBGRADE AND LAYOUT. NOTIFY ARCHITECT OF DISCREPANCY PRIOR TO COMMENCING WORK.
- SPRINKLER HEADS, EQUIPMENT, VALVES, ETC. SHALL BE INSTALLED IN ACCORDANCE W/ MANUFACTURER'S INSTRUCTIONS AND DESIGN STANDARDS.
- DRAWINGS ARE DIAGRAMMATIC. IRRIGATION CONTRACTOR TO PROVIDE SHOP DRAWINGS SHOWING LOCATIONS AND SIZES OF VALVES, SHUT-OFFS, DRAIN VALVES, CONTROLLERS, EQUIP. AND PIPE SIZES.
- COORDINATE LOCATION OF SLEEVES WITH OTHER CONTRACTORS IN A TIMELY MANNER TO PLACE PRIOR TO CONSTRUCTION OF STRUCTURES AND PAVEMENTS.
- LOCATE DRAINS AT APPROPRIATE LOCATIONS, SHOW ON SHOP DRAWINGS, ENSURE POSITIVE DRAINAGE FOR ENTIRE SYSTEM.
- DESIGN SYSTEM BASED ON 25 GPM MAX. FLOW. VERIFY PRESSURE AND SIZE PIPING BASED ON FINDINGS.
- LOCATE HEADS NEXT TO WALKS MINIMUM OF 2' AND 1/4" BELOW SURFACE.
- MAIN LINES SHALL BE SCHEDULE 40 PVC, BURIED @ 1'6" BELOW GRADE. LATERAL SHALL BE SCHEDULE 40 PVC, BURIED @ 1'2" BELOW GRADE.
- PROVIDE 'AS BUILT' RECORD DRAWINGS.

SPRINKLER HEAD LEGEND

SYM.	DESCRIPTION	RADIUS
●	FULL SPRAY	12'
◐	HALF SPRAY	12'
◑	QUARTER SPRAY	12'
⊙	VARIABLE ARC SPRAY	12'
▽	STRIP SPRAY	8'
∇	END SPRAY	8'
⊕	STOP & WASTE	
N	BACKFLOW PREVENTER	
■	CONTROLLER	
⊗	CONTROL VALVE	
—	SLEEVE	
⊙	DRIP NOZZLE	



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PROJECT NO: 14014
DRAWN BY: S.L.
CHECKED BY: ---

REVISIONS:

OWNER: PINE CANYON LODGE, INC.

PROJECT: PINE CANYON CONDOMINIUM

LOCATION: 2803 NORDIC VALLEY WAY, EDEN, UTAH 84310

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IRRIGATION PLAN

SHEET NUMBER:

L101

DATE: 10/12/14

A IRRIGATION PLAN
L101 SCALE: 1" = 20'-0"