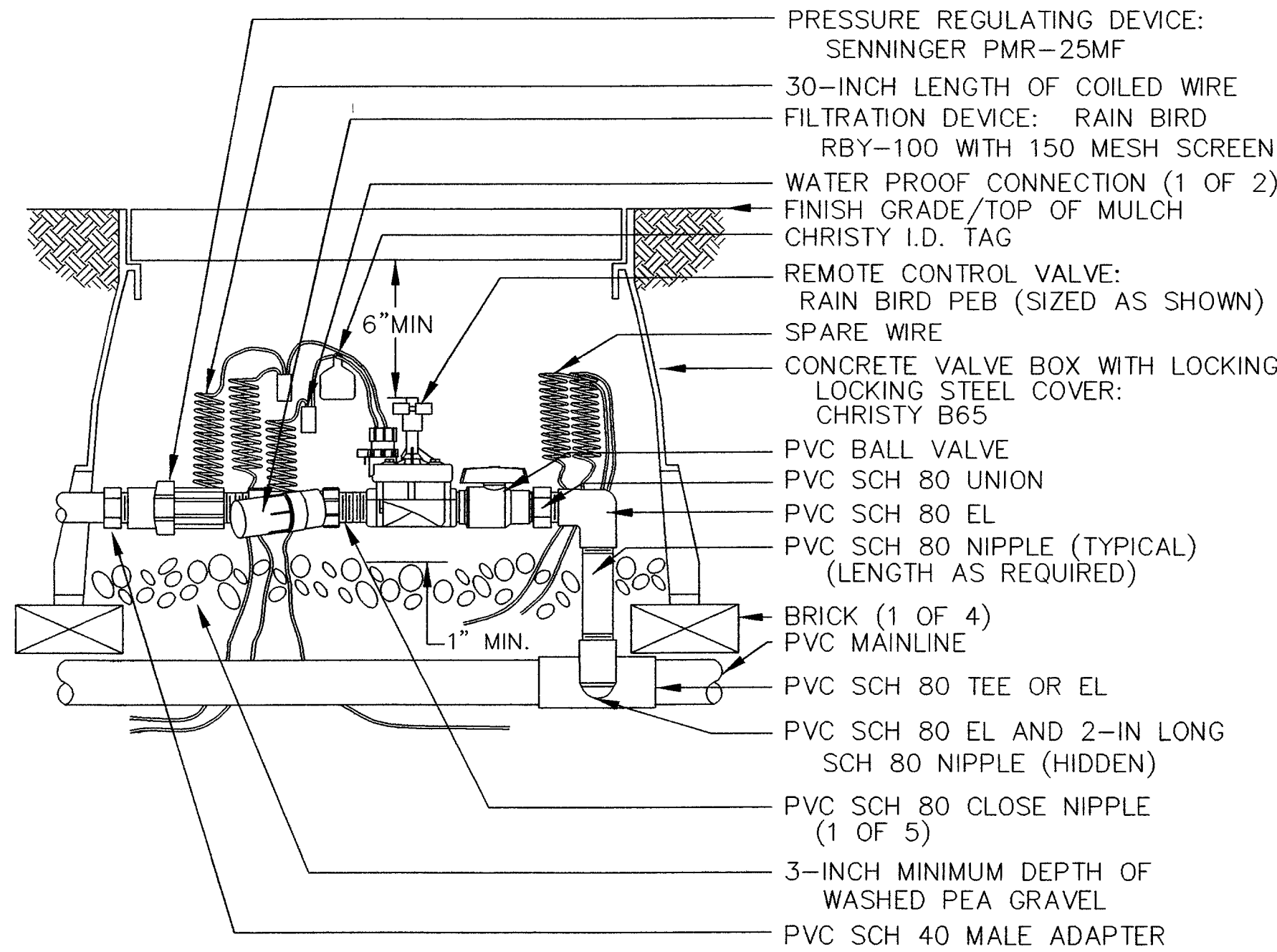
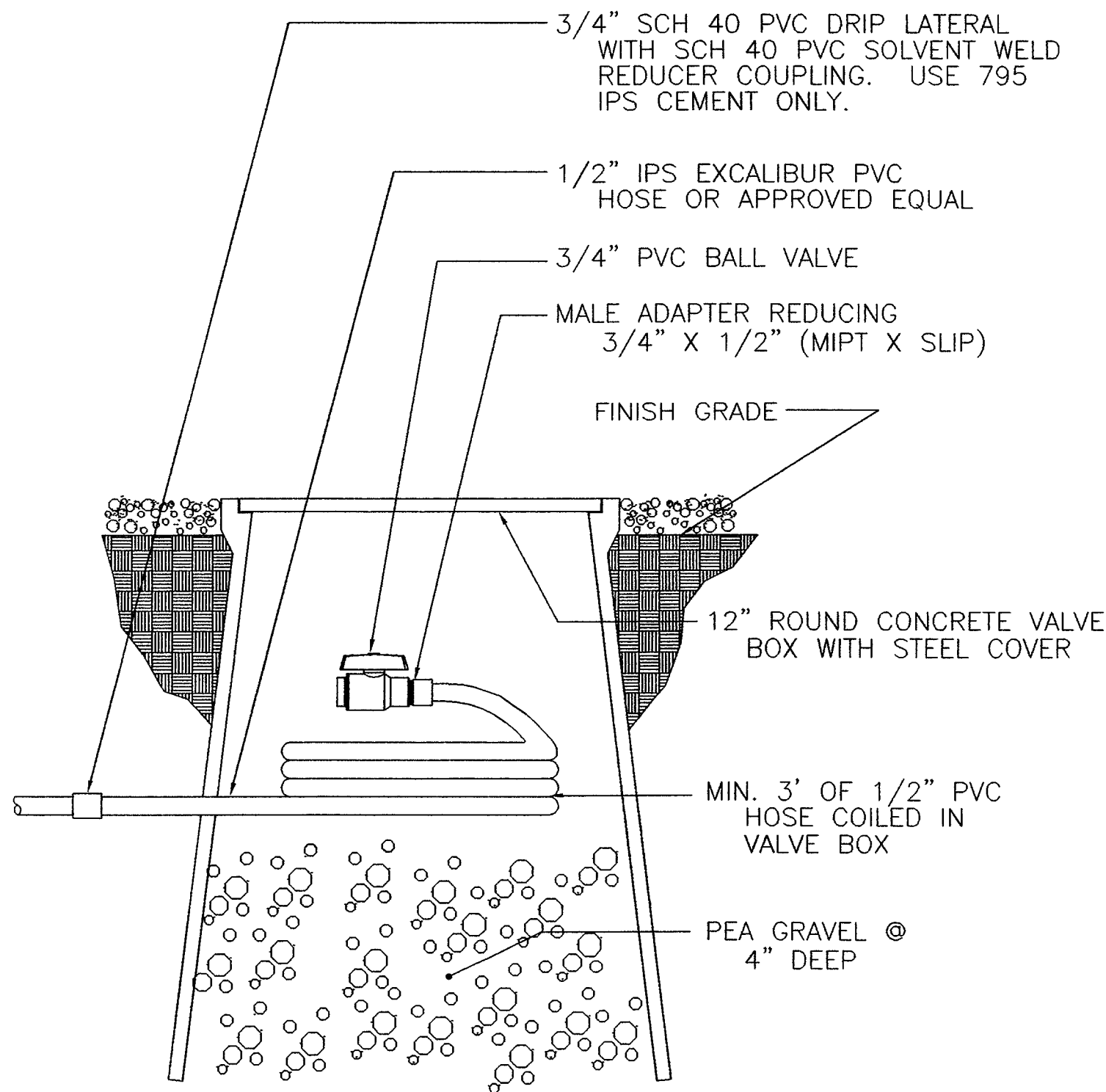




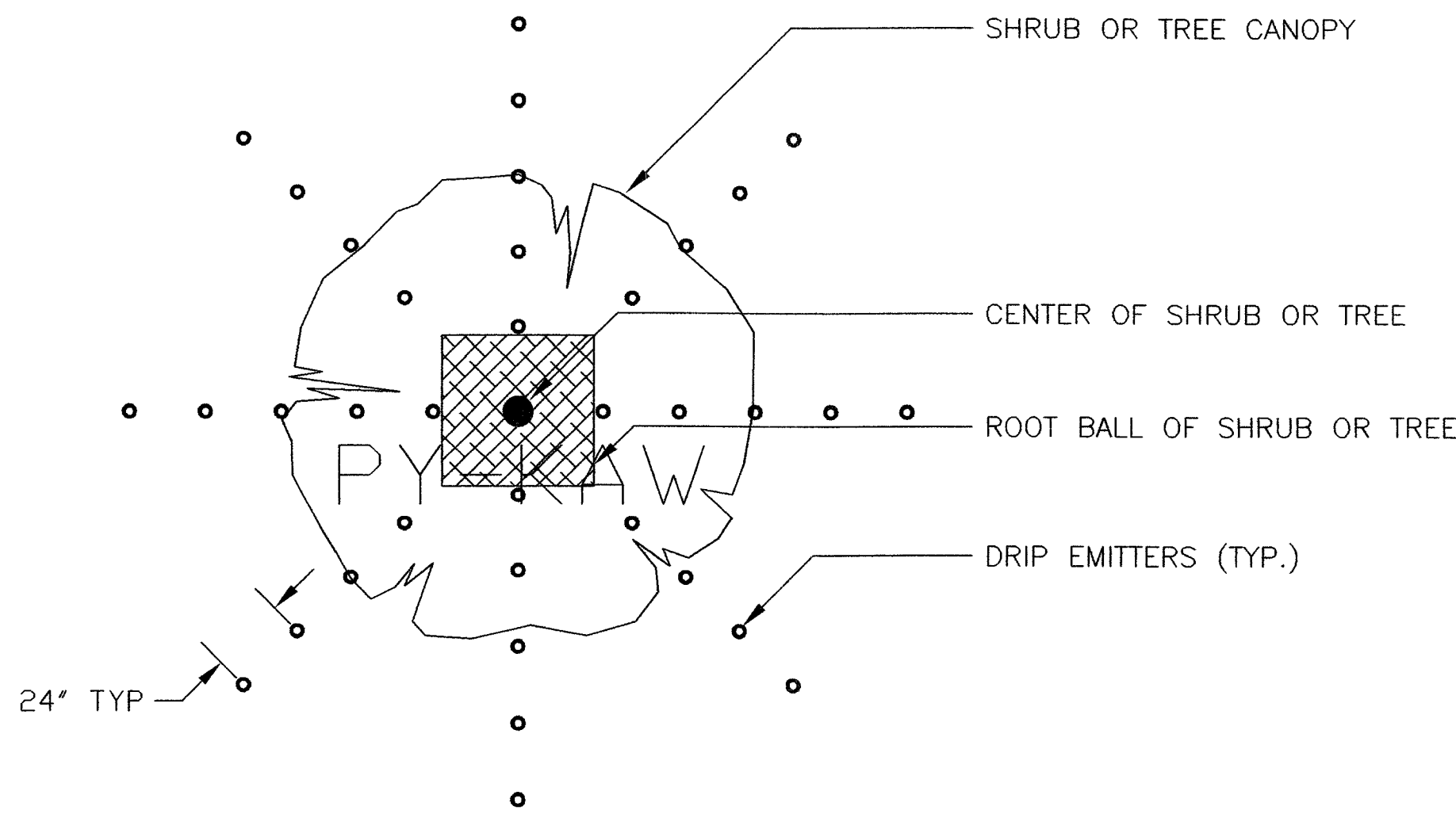
- NOTE:
- FOR MAINLINE PIPE SIZES WHERE DUCTILE IRON FITTINGS ARE REQUIRED PER THE SPECIFICATIONS, DELETE PVC SERVICE TEE SHOWN AND USE DUCTILE IRON SERVICE TEE.

1 DRIP REMOTE CONTROL VALVE ASSEMBLY



- NOTE:
- CONNECT 1/2" IPS EXCALIBUR PVC HOSE TO DRIP LATERAL PVC PIPE WITH THE APPROPRIATE FITTINGS AT THE END OF ALL DRIP LATERAL RUNS.

4 FLUSH CAP ASSEMBLY



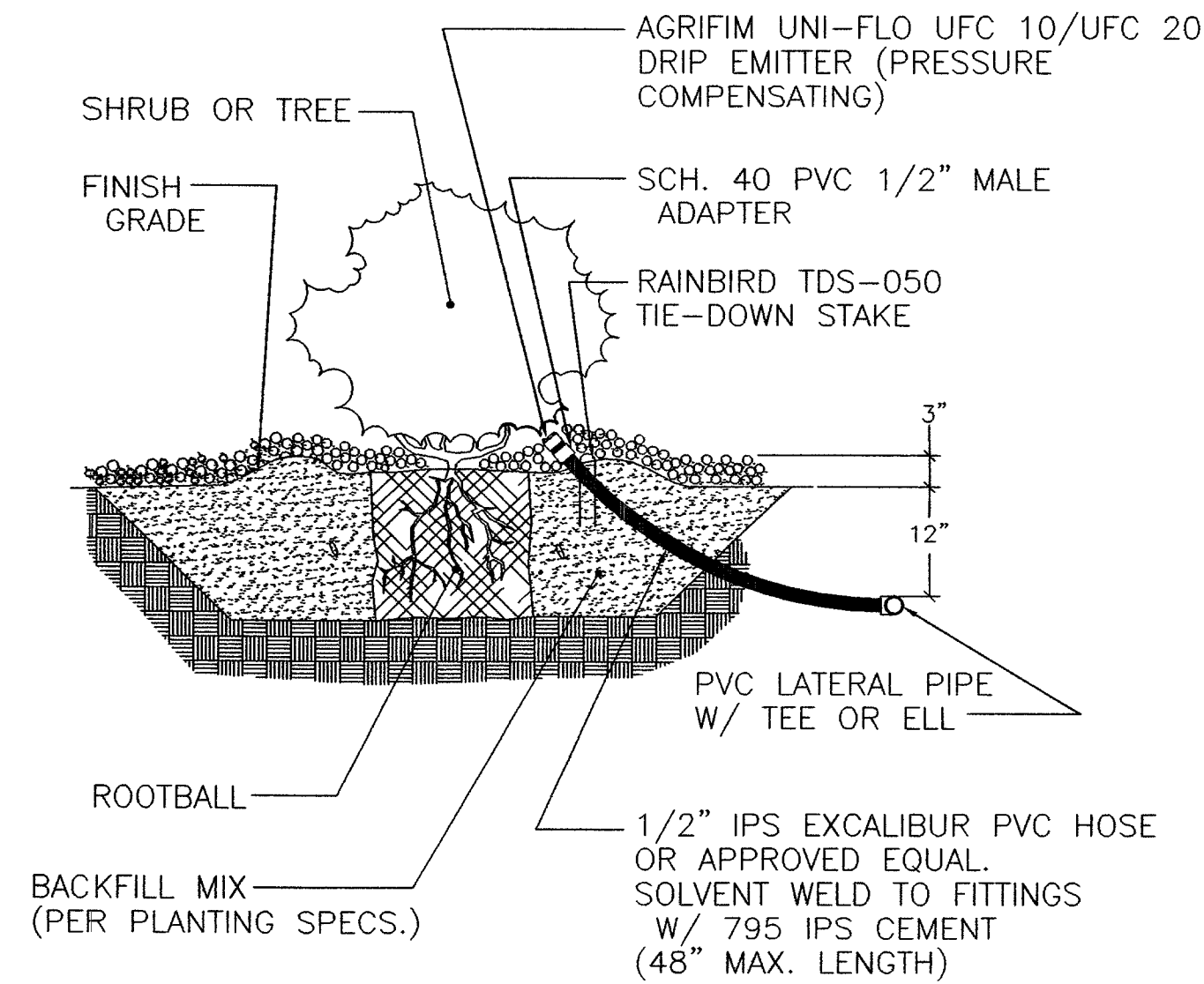
- NOTES:
- THIS IS A SUGGESTED EMITTER LAYOUT PLAN. ACTUAL LAYOUT MAY VARY DEPENDING ON SURROUNDING FEATURES. THE INTENT IS TO PROVIDE WATER FOR FUTURE ROOT GROWTH.
 - BEGIN PLACEMENT OF EMITTERS ADJACENT TO ROOT BALL OF PLANT AND WORK OUTWARD IN ALL DIRECTIONS UNTIL THE REQUIRED NUMBER OF EMITTERS PER PLANT IS OBTAINED.

2 TYPICAL EMITTER PLACEMENT

PLANT TYPE	COMMON NAME	FLOW PER OUTLET	QUANTITY AND TYPE OF EMITTER	TOTAL FLOW PER PLANT
TREE	SILK TREE	2 GPH	10 SINGLE-OUTLET	20 GPH
	CHITALPA	2 GPH	10 SINGLE-OUTLET	20 GPH
	HONEY LOCUST	2 GPH	10 SINGLE-OUTLET	20 GPH
	DESERT MUSEUM PALO VERDE	2 GPH	5 SINGLE-OUTLET	10 GPH
	MONDEL PINE	2 GPH	8 SINGLE-OUTLET	16 GPH
	STONE PINE	2 GPH	8 SINGLE-OUTLET	16 GPH
	HONEY MESQUITE	2 GPH	5 SINGLE-OUTLET	10 GPH
	FLOWERING PEAR	2 GPH	10 SINGLE-OUTLET	20 GPH
	AFRICAN SUMAC	2 GPH	10 SINGLE-OUTLET	20 GPH
	TEXAS MOUNTAIN LAUREL	1 GPH	10 SINGLE-OUTLET	10 GPH
PALM	CHINESE ELM	2 GPH	10 SINGLE-OUTLET	20 GPH
	CHASTE TREE	2 GPH	10 SINGLE-OUTLET	20 GPH
PALM	DATE PALM	0.5 GPM	2 BUBBLER	1 GPM
SHRUB/ GROUND COVER	'DESERT CARPET' ACACIA	1 GPH	4 SINGLE-OUTLET	4 GPH
	STARN THOMPSON BACCHARIS	1 GPH	4 SINGLE-OUTLET	4 GPH
	BUTTERFLY BUSH	1 GPH	4 SINGLE-OUTLET	4 GPH
	RED BIRD OF PARADISE	1 GPH	4 SINGLE-OUTLET	4 GPH
	DESERT CASSIA	1 GPH	4 SINGLE-OUTLET	4 GPH
	DAMIANITA	1 GPH	2 SINGLE-OUTLET	2 GPH
	GOLDEN DAISY	1 GPH	2 SINGLE-OUTLET	2 GPH
	BLACK DALEA	1 GPH	4 SINGLE-OUTLET	4 GPH
	DESERT SPOON	1 GPH	4 SINGLE-OUTLET	4 GPH
	RED YUCCA	1 GPH	4 SINGLE-OUTLET	4 GPH
	PURPLE TRAILING LANTANA	1 GPH	4 SINGLE-OUTLET	4 GPH
	FRENCH LAVENDAR	1 GPH	4 SINGLE-OUTLET	4 GPH
	'LYNN'S LEGACY' RANGER	1 GPH	4 SINGLE-OUTLET	4 GPH
	'CIMARRON' BLUE RANGER	1 GPH	4 SINGLE-OUTLET	4 GPH
	DEER GRASS ' REGAL MIST'	1 GPH	4 SINGLE-OUTLET	4 GPH
	DWARF MYRTLE	1 GPH	6 SINGLE-OUTLET	6 GPH
	VARIEGATED MOCK ORANGE	1 GPH	6 SINGLE-OUTLET	6 GPH
	'BALLERINA' INDIA HAWTHORNE	1 GPH	8 SINGLE-OUTLET	8 GPH
	AUTUMN SAGE	1 GPH	4 SINGLE-OUTLET	4 GPH
	DWARF LAURISTINUS	1 GPH	6 SINGLE-OUTLET	6 GPH
	PENDULOUS YUCCA	1 GPH	4 SINGLE-OUTLET	4 GPH
	COMPACT XYLOSMA	1 GPH	4 SINGLE-OUTLET	4 GPH

- NOTES:
- REFER TO EMITTER DETAILS FOR EMITTER SPECIFICATIONS AND ASSEMBLY.
 - EMITTER SCHEDULE HAS BEEN PREPARED BASED UPON PEAK SEASON MATURE PLANT WATER REQUIREMENTS FOR THE LAS VEGAS AREA.
 - ADJUST IRRIGATION OPERATING TIMES TO ACCOMMODATE PLANT MATURITY, SOIL TYPE, PLANT EXPOSURE AND SEASONAL REQUIREMENTS.
 - IRRIGATION TO BEAVERTAIL CACTUS TO BE CAPPED AFTER 90 DAYS.

5 EMITTER SCHEDULE



- NOTES:
- INSTALL EMITTERS ON THE UPHILL SIDE OF THE ROOTBALL AT SLOPE LOCATIONS. EQUALLY SPACE THE REQUIRED NUMBER OF EMITTERS AROUND THE PERIMETER OF THE PLANT. (AT EDGE OF ROOTBALL)
 - REFER TO EMITTER SCHEDULE FOR QUANTITY OF EMITTERS AT EACH PLANT.

3 TYPICAL EMITTER PLACEMENT



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WASHINGTON & BUFFALO, LAS VEGAS, NV
IRRIGATION DETAILS

STAMP
PROFESSIONAL ENGINEER
RICHARD L. AUST
10-28-03
No. 11069
EXP. 12-31-04

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DRAWN: RJP
FILE: P-IR-06.dwg
DATE: AUGUST 2003
SCALE: N/A
BID NO: 03B34101
CLV DWG NO: 650761A

SHEET NO.
IR-6