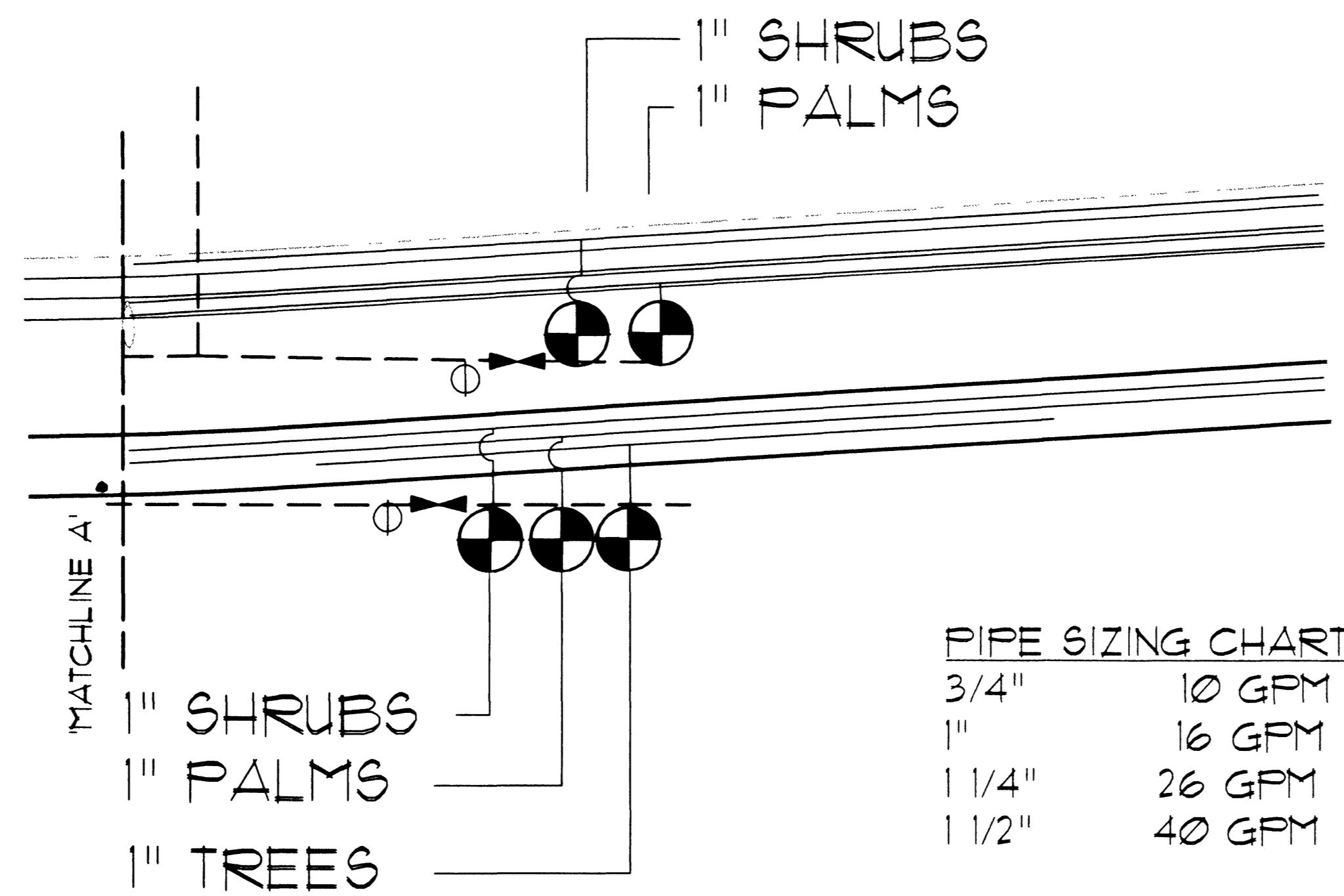


SYMBOL	ITEM	MANUFACTURER/MODEL/NOTE
⊠	CONTROLLER	RANERND EBP-32 WALL MOUNT EXTERIOR
⊕	QUICK COUPLER	RANERND 33072C
⊖	ISOLATION VALVE	NIBCO T-10 (LINE SIZE)
⊕	REMOTE CONTROL VALVE	RE DVF 100 W/ AS PRCD. 4E, 1" & PRESSURE MASTER REG 30 PSI
—	MAINLINE	1 1/2" SCH 40 PVC PIPE
—	LATERALS	CLASS 200 PVC PIPE
—	DISTRIBUTION TUBE	SALCO 1/2" PIPE
—	FLUSH CAP AT EACH STATION END	
—	EMITTERS	AGRIFFI 2 GPH
—	VALVE BODIES	2 GAUGE DIRECT BURIAL/0 GAUGE DIRECT BURIAL
—	VALVE BOXES	CARBON 12" x 18" TAN UNLOCKING LID
—	Q.C. & FLUSH CAP BOXES	CARBON 18" ROUND TAN UNLOCKING LID
—	GATE VALVE	LINE SIZE AT P.O.C.
—	BACKFLOW PREVENTOR	REDCO 82BY 1 1/2" & P.O.C.

**EMITTER SCHEDULE:**

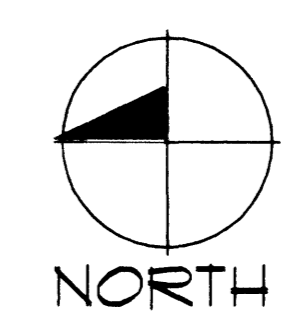
1 GALLON	1 - 2 GPH
5 GALLON	1 - 2 GPH
15 GALLON	3 - 2 GPH
24" BOX	4 - 2 GPH
36" BOX	8 - 2 GPH
PALMS	50' EA. LASER LINE 6" O.C. HOLES



**PIPE SIZING CHART:**

3/4"	10 GPM
1"	16 GPM
1 1/4"	26 GPM
1 1/2"	40 GPM

REFER TO SHEET L1.03 FOR IRRIGATION DETAILS



**IRRIGATION NOTES:**

1. THE IRRIGATION PLAN IS DRAFTED FOR CLARITY ONLY. WHERE PIPING, VALVES, ETC. ARE SHOWN IN HARDSCAPE AREAS, THEY ARE ACTUALLY INTENDED TO BE INSTALLED IN THE PLANTER AREAS ADJACENT, EXCEPT WHERE SLEEVES ARE REQUIRED. ALL VALVE BOXES TO BE INSTALLED OUT OF TURF AREAS WHERE POSSIBLE.
2. CONTRACTOR TO VERIFY EXISTING BACKFLOW PREVENTER(S) ARE IN COMPLIANCE WITH LVWD STANDARDS, CODES AND REGULATIONS.
3. SPRINKLERS ARE TO PROVIDE HEAD TO HEAD COVERAGE IN ALL TURF AREAS. SPRAY PATTERN TO BE ADJUSTED TO MINIMIZE ERRANT SPRAY ONTO ADJACENT PLANTER BEDS, BUILDINGS, HARDSCAPE, ETC.
4. CONTRACTOR TO PROVIDE ALL NECESSARY SLEEVING UNDER ALL HARDSCAPES.

**5. INSTALL SLEEVES AS PER GUIDE BELOW:**

PIPE SIZE	REQUIRED SLEEVING
3" PVC MAINLINE-----	1 - 6" SCH 40 PVC SLEEVE
1" TO 2 1/2" PVC MAINLINE--	1 - 4" SCH 40 PVC SLEEVE
1 1/2" LATERAL-----	1 - 4" SCH 40 PVC SLEEVE
3/4" TO 1 1/4" LATERAL----	1 - 2" SCH 40 PVC SLEEVE

**WIRE QUANTITY**

WIRE QUANTITY	REQUIRED SLEEVING
1 - 25 CONTROL WIRES-----	1 - 2" SCH 40 PVC SLEEVE
26 - 50 CONTROL WIRES-----	2 - 2" SCH 40 PVC SLEEVES

6. CONTRACTOR TO PROVIDE ONE ADDITIONAL 2" x 4" SCH 40 PVC SLEEVES WHENEVER IRRIGATION LINES TRAVERSE A ROADWAY.
7. CONTRACTOR TO FIELD VERIFY LOCATION OF ALL EXISTING IRRIGATION AMENITIES.
8. ALL AIR VALVES TO BE LOCATED AT THE HIGHEST POINT OF ELEVATION OF EACH IRRIGATION ZONE.
9. CONTRACTOR IS TO NOTIFY THE LANDSCAPE ARCHITECT IF ANY OF THE EXISTING CONDITIONS VARY FROM THOSE NOTED ON THE PLANS OR IF THERE ARE EXISTING CONDITIONS THAT INTERFERE WITH THE INSTALLATION OF THE PLANS.
10. CONTRACTOR IS RESPONSIBLE TO VERIFY UTILITY LOCATIONS AND TO OBTAIN ANY AND ALL PERMITS AND INSPECTIONS AS REQUIRED.

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IRRIGATION PLAN	
CENTENNIAL CENTER BLVD R.O.W. PLANET NISSAN CITY OF LAS VEGAS	
FILENAME: XREF FILES: CHECKED BY: JUS	DATE: 9.27.2002 DRAWN BY: JUS SCALE: 1/8"=30'-0"
 10.21.02	
SHEET L2 9 OF 11 SHEETS DRAWING NO. 107-V 3632	