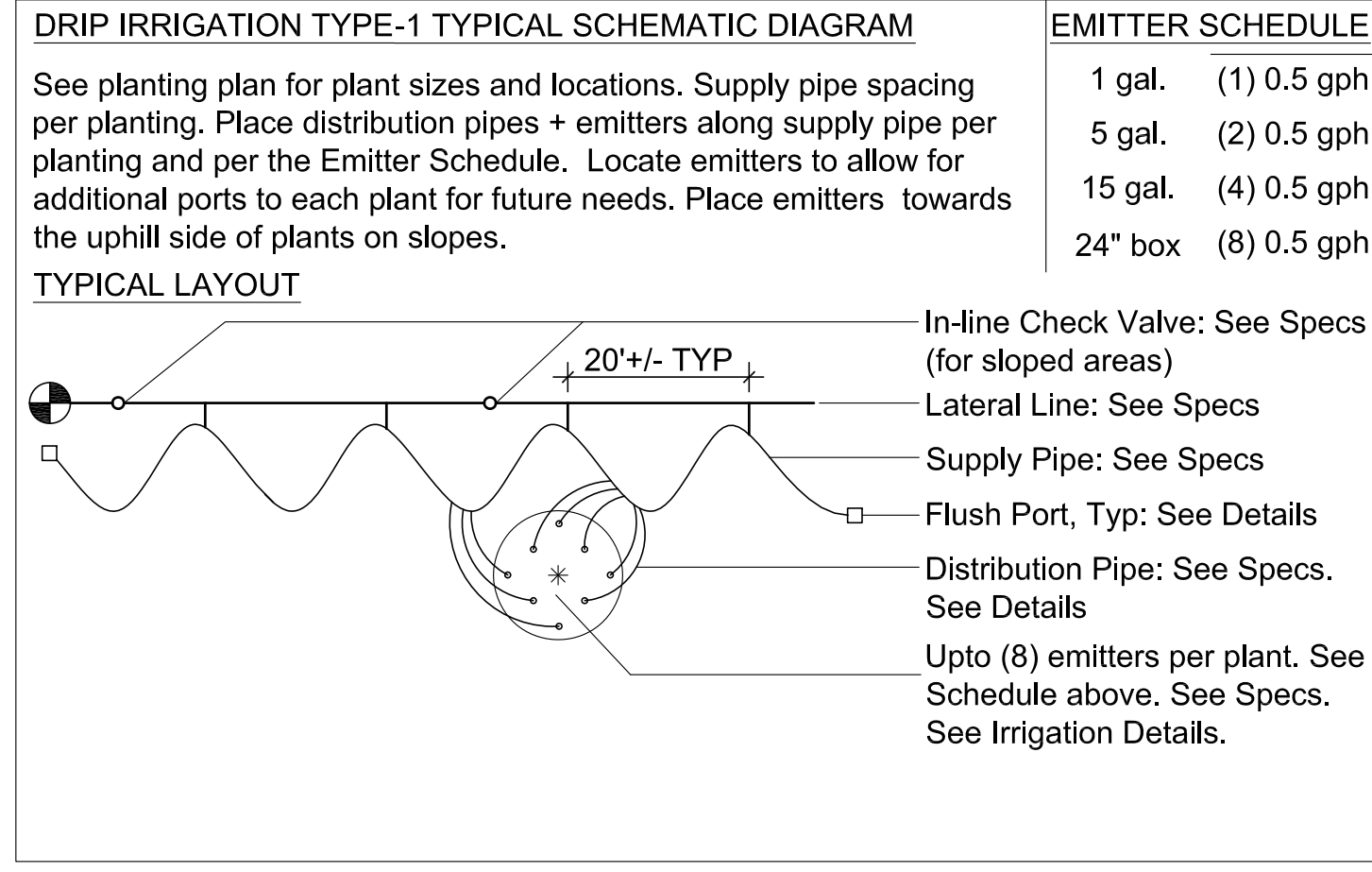


LEGEND

SYMBOL	MANUFACTURER	DESCRIPTION	PSI	GPM	RAD
-----		Main Line: 24" minimum cover. Sch. per Specs. See Plan for sizes.			
-----		Lateral Line: 18" minimum cover, 24" under asphalt paving Sch. 40. See chart for size.			
☑	Rainbird	33-DLRC Quick Coupler (3/4")			
⊗	King Brothers (kbi)	Full Port, True Union, PVC Ball Valve: Line Size. Lever-type			
M		Water Meter 2": See Civil Drawings			
M		Existing 2" Water Meter. Verify in Field.			
B	Febco	2" Backflow Preventer 825YA w/ Bronze Wye Strainer			
C	Rainmaster	Eagle Plus Series (I-Central Card) 24 Stations, Pedestal Mount, S.S. Security Enclosure, Top Open. Promax remote			
⊗	Superior (MV) / Data Industrial (FS)	2" - 3100 Normally Open Master Valve w/ FM-1.25B Flow Sensor. Connect to Controller.			
-----		1" Conduit: 24" Depth minimum. For Master Valve & Flow Sensor wire and dedicated common.			
POC-X		Point of Connection: See Civil Drawings for POC-1			

LEGEND - DRIP IRRIGATION

SYMBOL	MANUFACTURER	DESCRIPTION
(00a)		DRIP TYPE-1: 3/4" Supply pipe & 1/2" distribution pipe w/ SALCO Pro-Spec Emitters SLV-PST-CV-05 (0.5 gph) per Emitter Schedule, and Rainbird flush ports. See Drip Irrigation Typical Schematic Diagram. See Specs. See Irrigation Details.
(00a)		DRIP TYPE-2: Netafim Techline CV. Dripper interval 12" O.C. Row spacing 12" O.C. Dripper flow 0.4 GPH. See Specs. Rows are shown for illustration only. *Average no. of rows indicated. On slopes, increase row spacing by 25% for lowest 1/3 of zone. See Irrigation Details.
⊗	Hunter	PGV Remote Control Valve: Size as shown on plan
⊗	Netafim	Manual Disc Filter, 140 mesh, 1-1/2" @ 1-1/2" valves, 1" @ 1" valves.
⊗	Netafim	Pressure Regulator Valve, 45 psi, 1-1/2" @ 1-1/2" valves, 3/4" high-flow model at 1" valves.
□	Rainbird	Flush Port

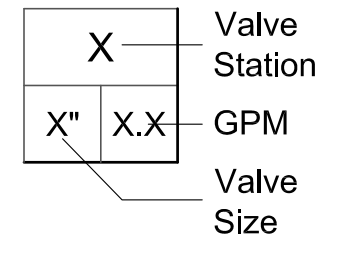


PIPE SIZING CHART - SCHEDULE 40

DRIP IRRIGATION SUPPLY LINES

NETAFIM SUPPLY / EXHAUST HEADER

Zone / Partial Zone Flow	Pipe Size
0-8 GPM	PVC 3/4"
8.1-13 GPM	PVC 1"
13.1-22 GPM	PVC 1-1/4"
22.1-30 GPM	PVC 1-1/2"
30.1-50 GPM	PVC 2"
50.1-75 GPM	PVC 2-1/2"



REFERENCE NOTES

1 Minimize length of main-line run under drip-line of oak tree. Hand trench under drip-line. Do not cut any roots more than 2 inches in diameter and tunnel under these providing adequate protection to the roots. Contact the Engineer if conflicts arise that cannot be resolved with these instructions.

SEE SHEET L1 FOR GENERAL NOTES

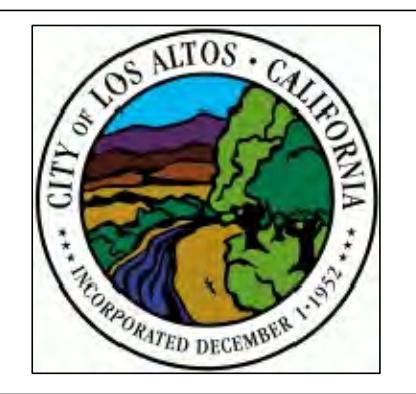
DRAWN AP	DESIGNED AP	HORIZONTAL SCALE AS SHOWN	100% CONSTRUCTION DOCUMENTS
CHECKED LF	DATE CHECKED 8-17-10	VERTICAL SCALE	
APPROVED		CONTRACT NO.	
ENGINEER	DATE		

PREPARED BY:

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REVISIONS

NO.	DATE	BY	DESCRIPTION	APPR.	DATE



CITY OF LOS ALTOS

HOMESTEAD ROAD IMPROVEMENT PLANS

IRRIGATION PLAN - EASTERN END

PREPARED FOR: CITY OF LOS ALTOS

DRAWING NO.	L2
SHT	19 OF 24