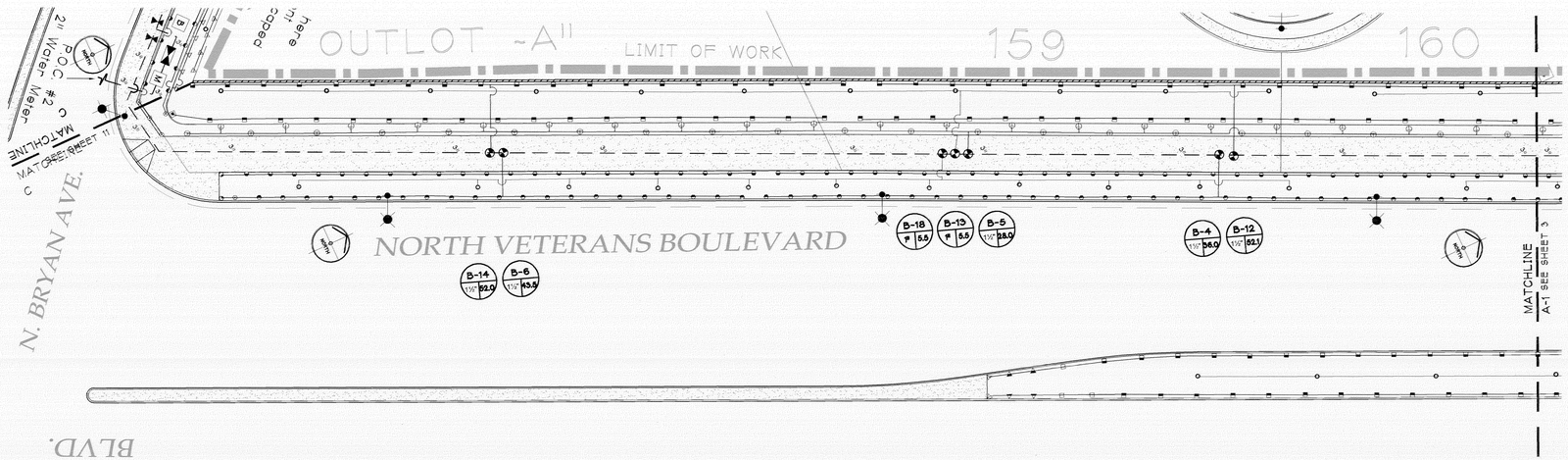


VALVE SIZE — X-X — VALVE NUMBER — X 0.5 — MAX GPM

ELECTRIC VALVE DESIGNATION

LATERAL PIPE SIZING CHART

0-7 GPM USE 3/4" CL 200 PVC LATERAL LINE
7-12 GPM USE 1" CL 200 PVC LATERAL LINE
12-20 GPM USE 1 1/4" CL 200 PVC LATERAL LINE
20-28 GPM USE 1 1/2" CL 200 PVC LATERAL LINE
28-45 GPM USE 2" CL 200 PVC LATERAL LINE
45-70 GPM USE 2 1/2" CL 200 PVC LATERAL LINE

NOTES

1. CONTRACTOR IS RESPONSIBLE TO VERIFY MAXIMUM FLOW FOR EVERY STATION IN G.P.M.
2. IRRIGATION COMMON AND CONTROL WIRE WILL BE #14 UF/UL DIRECT BURIAL IRRIGATION WIRE AS MANUFACTURED BY PAIGE WIRE.

IRRIGATION EQUIPMENT LEGEND

SHRUB HEADS

SYM.	MANUF./ DESCRIPTION	NOZZLE RADIUS	GPM	PSI
▽▽▽▽▽	TORO 570S-12P-PRX-COM	8' MPR SERIES F, H, T, Q, VAN	1.0, 0.56, 0.34, 0.25, VARIES	25
▼▼▼▼▼	TORO 570S-12P-PRX-COM	10' MPR SERIES F, H, T, Q, VAN	1.65, 0.80, 0.58, 0.45, VARIES	25
▣▣▣▣▣▣	TORO 570S-12P-PRX-COM	12' MPR SERIES F, TT, H, T, Q, VAN	2.27, 1.01, 1.18, 0.83, 0.56, VARIES	25
■■■■■■	TORO 570S-12P-PRX-COM	15' MPR SERIES F, TQ, TT, H, T, Q, VAN	4.00, 2.83, 1.83, 1.24, 0.86, VARIES	25
▣▣	TORO 570S-12P-PRX-COM	4-SST (4x24) & 4-EST (3x12)	1.01, 0.31	25

TURF HEADS

SYM.	MANUF./ DESCRIPTION	NOZZLE RADIUS	GPM	PSI
●●●●●	TORO 570S-6P-PRX-COM	8' MPR SERIES F, H, T, Q, VAN	1.0, 0.56, 0.34, 0.25, VARIES	25
●●●●●	TORO 570S-6P-PRX-COM	10' MPR SERIES F, H, T, Q, VAN	1.65, 0.80, 0.58, 0.45, VARIES	25
▣▣▣▣▣▣	TORO 570S-6P-PRX-COM	12' MPR SERIES F, TT, H, T, Q, VAN	2.27, 1.01, 1.18, 0.83, 0.56, VARIES	25
■■■■■■	TORO 570S-6P-PRX-COM	15' MPR SERIES F, TQ, TT, H, T, Q, VAN	4.00, 2.83, 1.83, 1.24, 0.86, VARIES	25
○○	TORO 570S-6P-PRX-COM	4-SST (4x24) & 4-EST (3x12)	1.01, 0.31	25

BUBBLERS

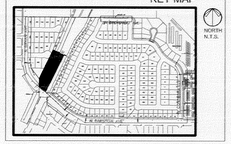
SYM.	MANUF./ DESCRIPTION	PATTERN; BODY	GPM; RADIUS	PSI
●	III PS-50-PC NOZZLE	FLOOD; 570S-5P-PRX-COM	0.45; N/A	25

SYMBOL	MANUFACTURER & DESCRIPTION
⚡	IRRITROL - ULTRAFLOW SERIES (SIZE AS NOTED)
A	ALEX-TRONIX IRRIGATION CONTROLLER - ENERGON SERIES
⊠	FEBCO - #825Y-2" REDUCED PRESSURE BACKFLOW PREVENTOR
⊳⊲	NIBCO - BRONZE GATE VALVE (LINE SIZE)
M	2" WATER METER
- - -	MAINLINE - SCHEDULE 40 PVC PIPE (SIZE AS NOTED)
——	LATERALS - CLASS 200 PVC (SEE SIZING CHART)
═══	SLEEVES - SCHEDULE 40 PVC

SCALE: 1"=20'

20' 0 40'

KEY MAP



BROUSSARD ASSOCIATES
LANDSCAPE ARCHITECTS
Tel. 559-325-7284 - Fax 559 325-7286

REVISIONS	ACCT NO.	CITY OF FRESNO	DEPARTMENT OF PUBLIC WORKS
March 2, 2005	FILE NO.		DAVID HEALEY — DIRECTOR
March 18, 2005	REF. & REV.	TRACT 5224	APPROVED: CONST. ENG. — OFFICE ENG.
April 12, 2005		DeYoung Communities	CITY DESIGN ENG. MTK
May 9, 2005		Team 5	DR. BY: MB — CH. BY: TB — DATE: 12-14-2004 — SCALE: AS SHOWN — SHEET NO. 4 OF 25 SHEETS
May 31, 2005			15-C-12465

TEA 04568