



①	FINISH GRADE
②	SET TOP OF BOX ABOVE ROUGH GRADE: 3-1/2" IF DECOMPOSED GRANITE IS PLACED, 1-1/2" ABOVE ROUGH GRADE FOR TURF INSTALLATION AREAS. SET TOP OF BOX TO MATCH GRADE OF ADJACENT HARDSCAPE, WHEN APPLICABLE.
③	QUICK COUPLING VALVE WITH LOCKING YELLOW RUBBER COVER.
④	KEEP VALVE BOX AT LEAST 12" FROM EDGE OF HARDSCAPE.
⑤	CURB HEADER OR PAVING WHERE APPLICABLE.
⑥	CARSON 910 VALVE BOX WITH LOCKING LID OR APPROVED EQUAL. MARK "QC" ON LID.
⑦	MANUFACTURED TRIPLE SWING JOINT, KBI MODEL TSA-1000 - TT OR APPROVED EQUAL.
⑧	MAIN LINE SCH 80 FITTING, SxSxT
⑨	PVC MAIN LINE; TYPE AND SIZE PER PLAN
⑩	3/4" CRUSHED ROCK, 6" MINIMUM DEPTH
⑪	INSTALL 1/4" GALVANIZED WIRE CLOTH ON TOP OF CRUSHED ROCK AT BOTTOM OF VALVE BOX AND 12" HDPE PIPE AND SECURE TO SIDES OF VALVE BOX. TRIM OPENING FOR RISER AS NEEDED.

⑫	1-1/2" ANGLE IRON: SECURE TO QUICK COUPLER VALVE WITH STAINLESS STEEL HOSE CLAMPS AND SCREWS (TYP. 2 PLACES).
⑬	CLEAN BACKFILL; 6" ABOVE AND 6" BELOW MAIN LINE PER SPECIFICATIONS.
⑭	UNDISTURBED SUBGRADE OR COMPACTED BACKFILL PER SPECIFICATIONS.
⑮	PVC SCHEDULE 80 NIPPLE; LENGTH AS NEEDED
⑯	STAINLESS STEEL HOSE CLAMP WITH STAINLESS STEEL SCREWS (TYP 2 PLACES).
⑰	1" FULL PORT BRASS BALL VALVE; INSTALL WITH MIN 6" CLEARANCE ABOVE GRAVEL SO LEVER HANDLE CAN OPEN AND CLOSE FOR OPERATION AND MAINTENANCE.
⑱	DISTANCE BETWEEN QUICK COUPLER AND TOP OF VALVE BOX SHALL ALLOW QUICK COUPLER KEY TO ROTATE IN FULL CIRCLE WITHOUT INTERFERENCE.
⑲	12" HDPE SMOOTH INTERIOR WALL PIPE SLEEVE. INSTALL WITH SQUARE CUT 4" ABOVE GRAVEL INSIDE VALVE BOX WITH ENOUGH ROOM TO OPERATE BALL VALVE.

THE CITY OF WEST SACRAMENTO - STANDARD DETAIL



APPROVED: Aug. X, 2025

STANDARD
DETAIL #

715

TITLE:

**QUICK COUPLER
VALVE**

