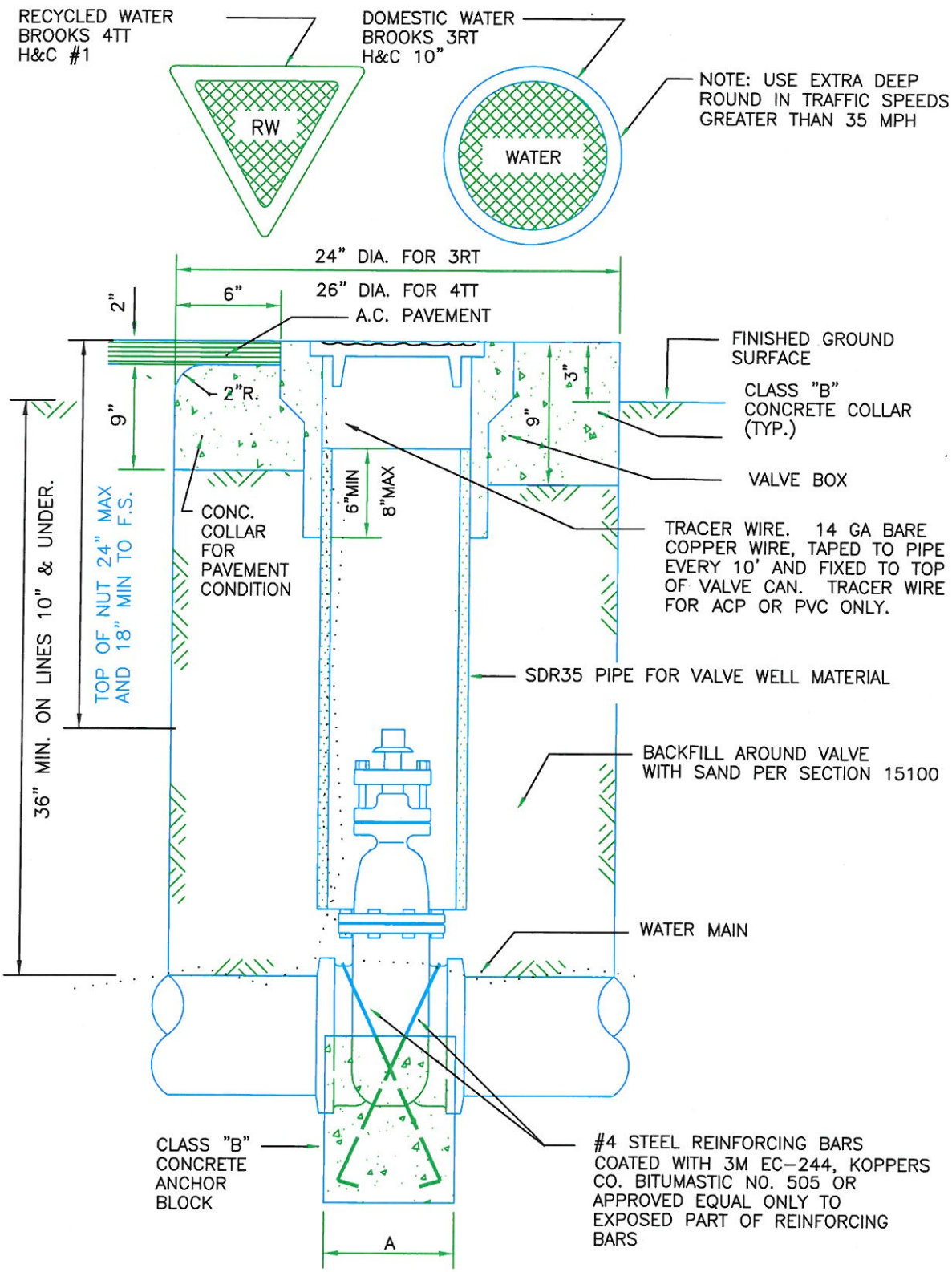


VALVE & VALVE BOX INSTALLATION

REVISIONS		
NO.	DATE	APPROVED

CITY OF SAN JUAN CAPISTRANO

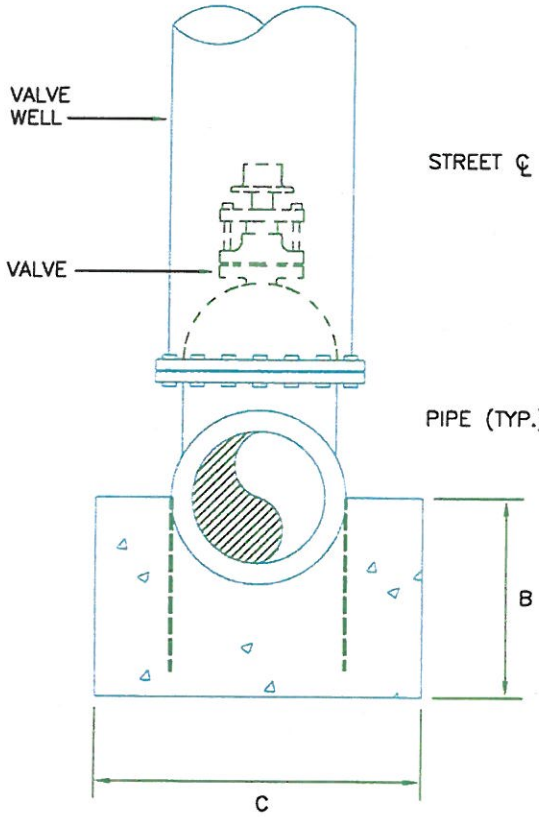
APPROVED

WATER ENGINEERING MANAGER — DATE 9.17.12

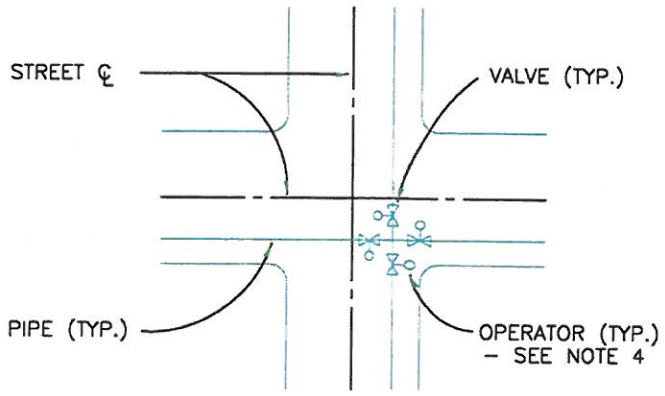
STD. NO. W-13

SHEET 1 OF 2

F:\CVWDSTD\W-13A



TYPICAL BUTTERFLY VALVE OPERATOR POSITION



VALVE SIZE	DIMENSION A	DIMENSION B
6" OR SMALLER	12"	12"
8"	13"	14"
10"	14"	16"
12"	14"	18"

DIMENSION "C" = TRENCH WIDTH PLUS 2X PIPE DIAMETER

CONSTRUCTION NOTES

1. PROVIDE VALVE STEM EXTENSION IF DEPTH TO VALVE NUT EXCEEDS 3 FFET. SEE DRAWING W–9.
2. IN NEW TRACT DEVELOPMENTS, PRIOR TO PAVING, EXTEND VALVE PIPE WELL 2' ABOVE GROUND ON KEY VALVES; FOR EMERGENCY SHUTOFFS.
3. BUTTERFLY VALVE OPERATORS SHALL BE LOCATED IN THE LEFT–HAND SIDE OF THE VALVE (AT THE TEE OR CROSS) AND LOOKING THROUGH THE VALVE AT THE PIPE END.
4. WHERE CONCRETE CROSS GUTTERS WILL EXIST AT STREET INTERSECTIONS WHICH WILL INTERFERE WITH VALVE BOXES, THE PIPELINE SHALL BE MOVED TO A POSITION CLEAR OF THE CROSS GUTTER.
5. VALVES TO BE LOCATED ADJACENT TO FITTINGS WHEREVER POSSIBLE.
6. VALVE LIDS TO BE PAINTED AND MARKED PER SECTIONS 09900 AND 15151.

VALVE AND VALVE BOX INSTALLATION

REVISIONS		
NO.	DATE	APPROVED

CITY OF SAN JUAN CAPISTRANO

APPROVED

WATER SERVICES MANAGER — DATE 1.15.08

STD. NO. W–13

SHEET 2 OF 2

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