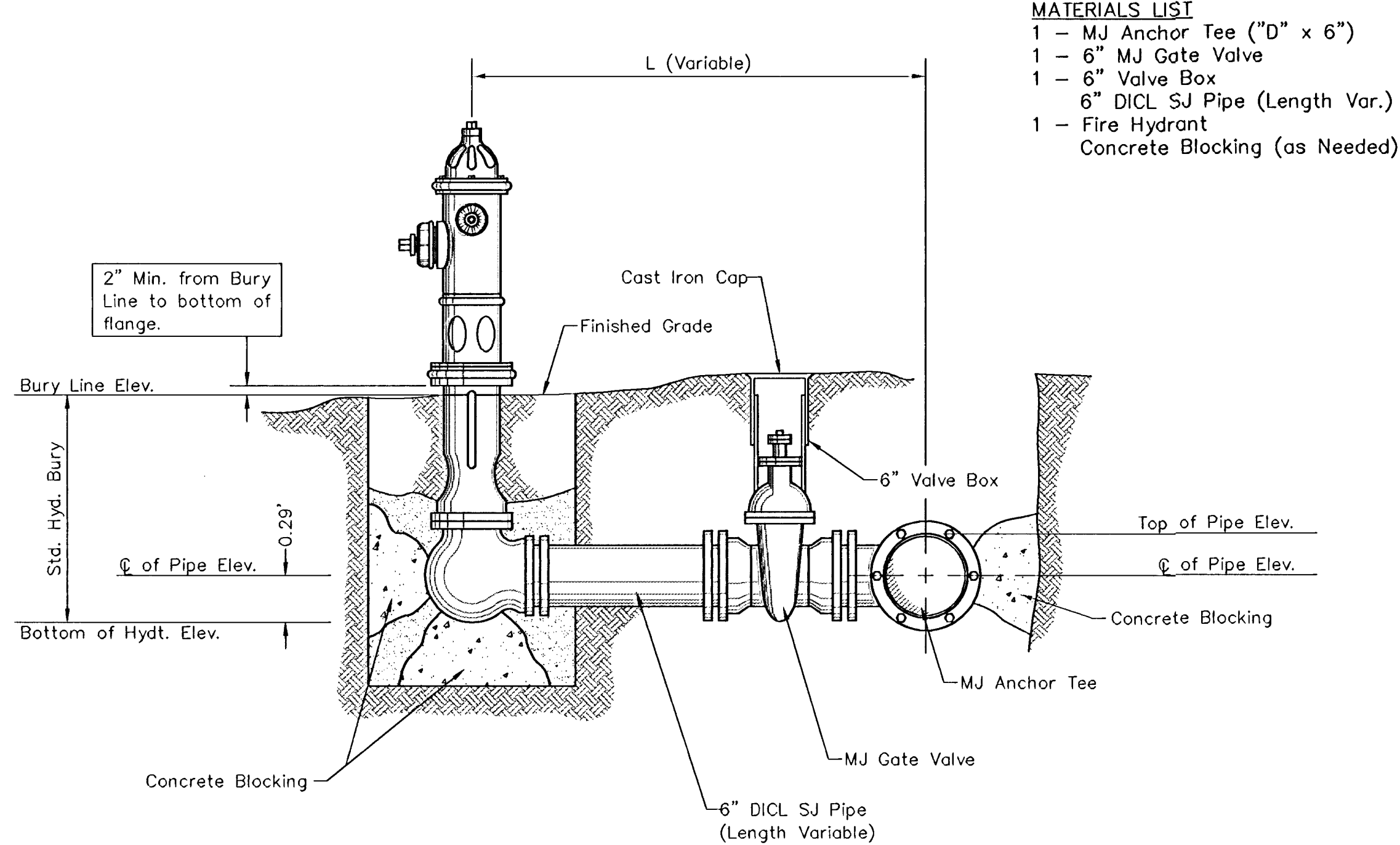
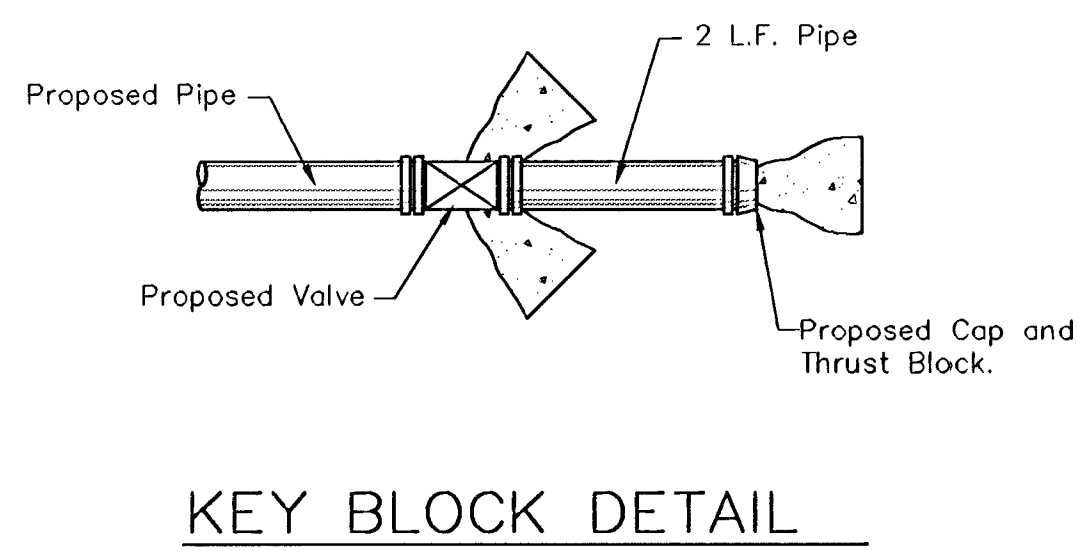
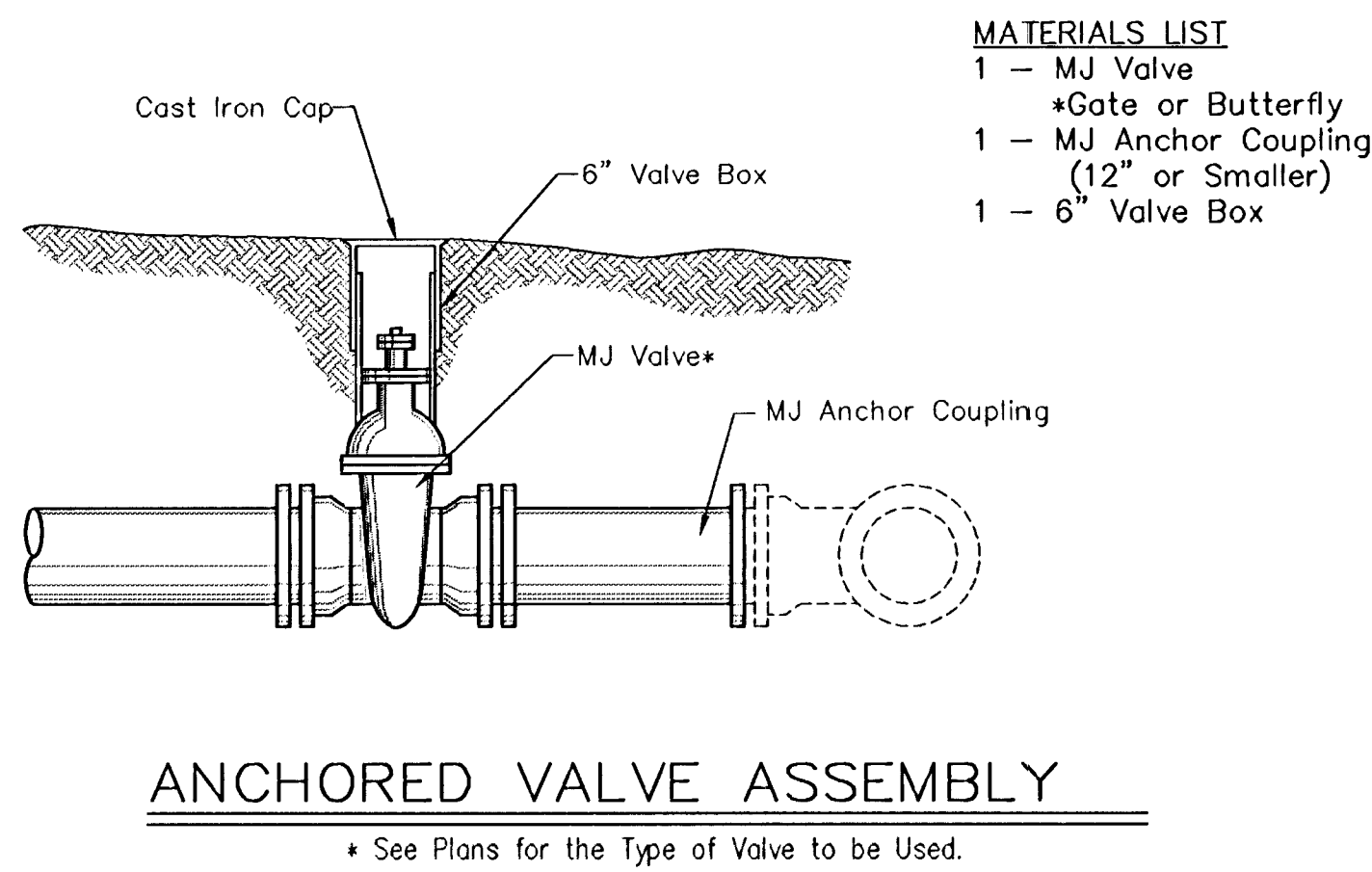
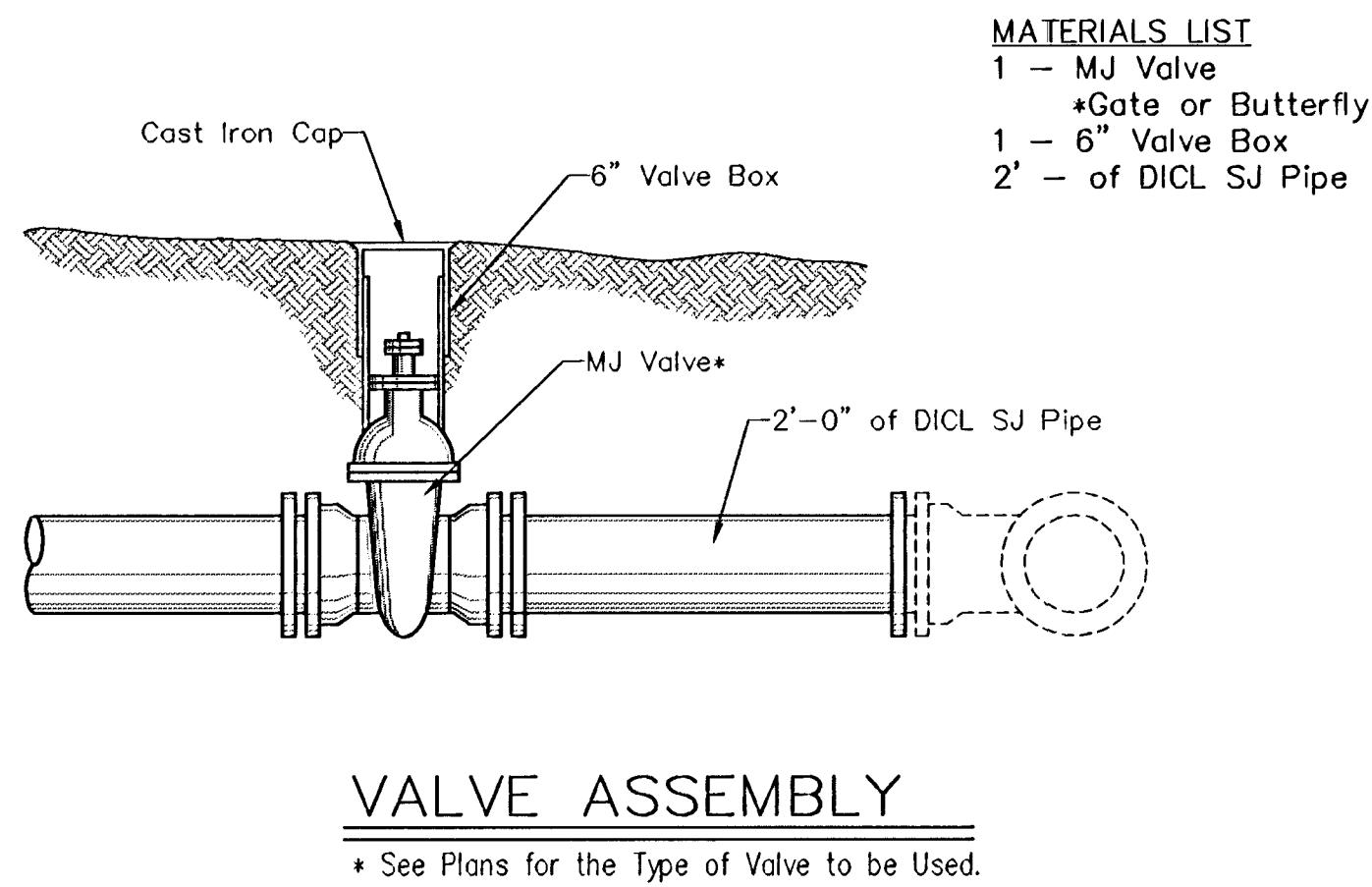
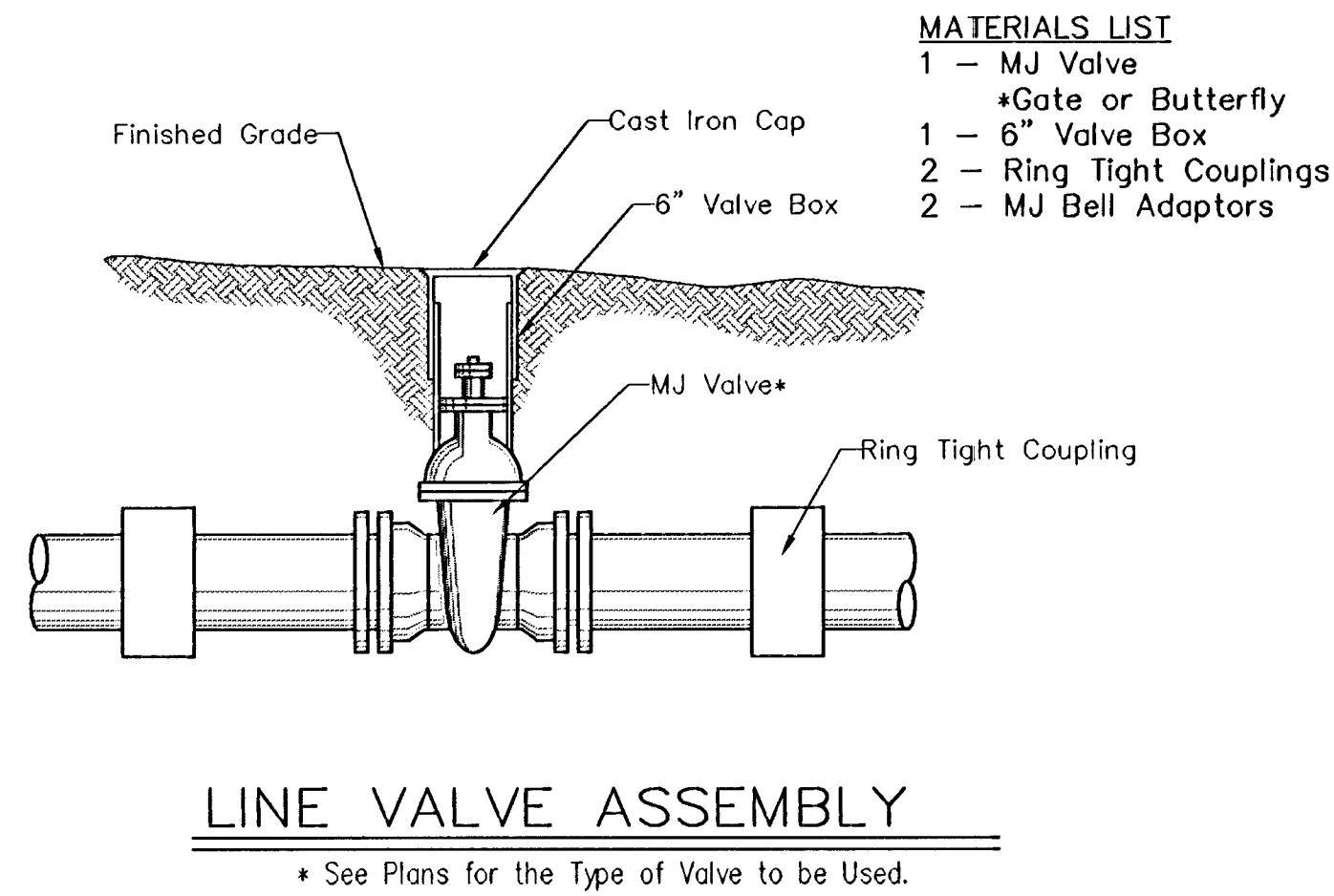
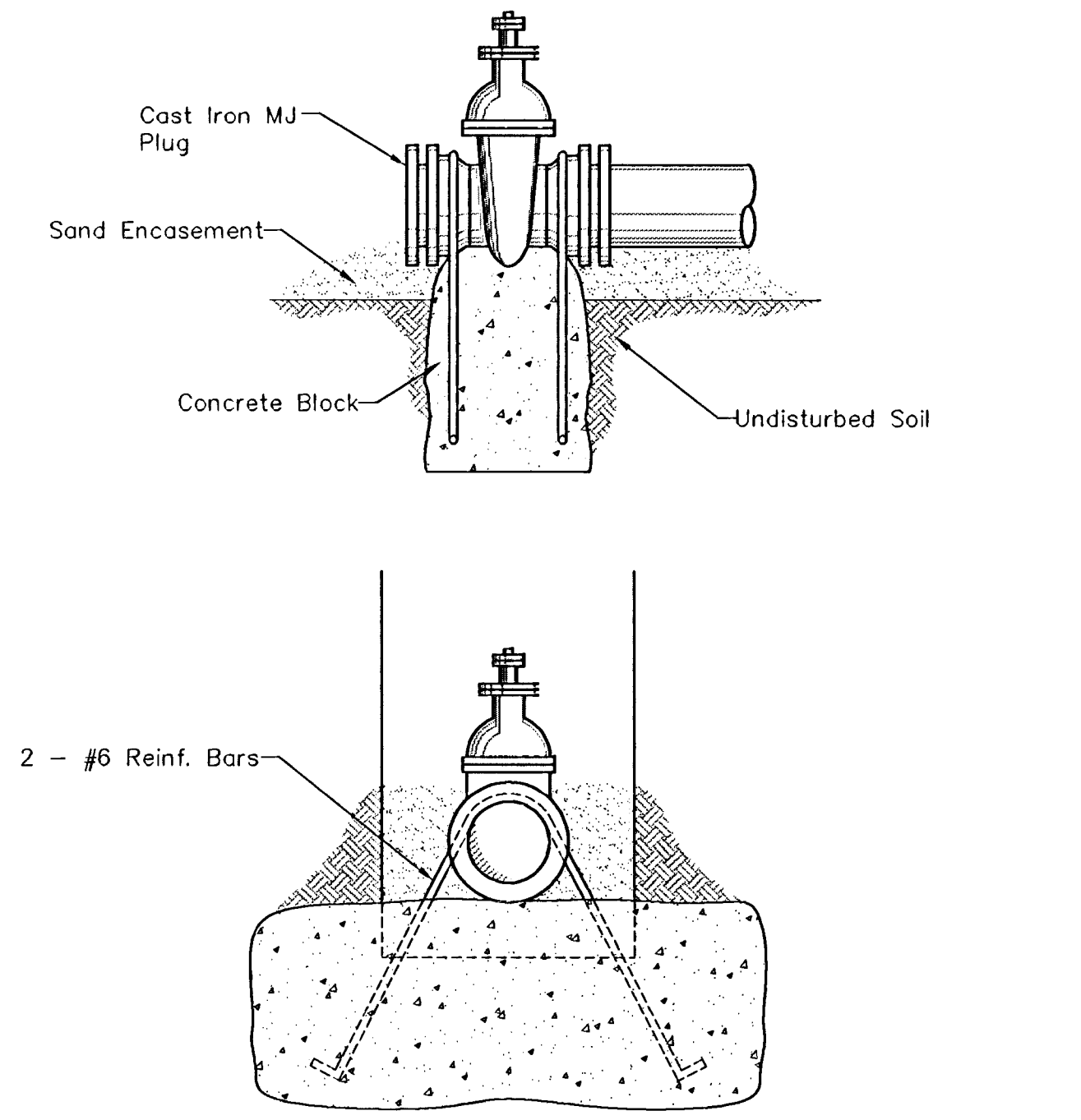
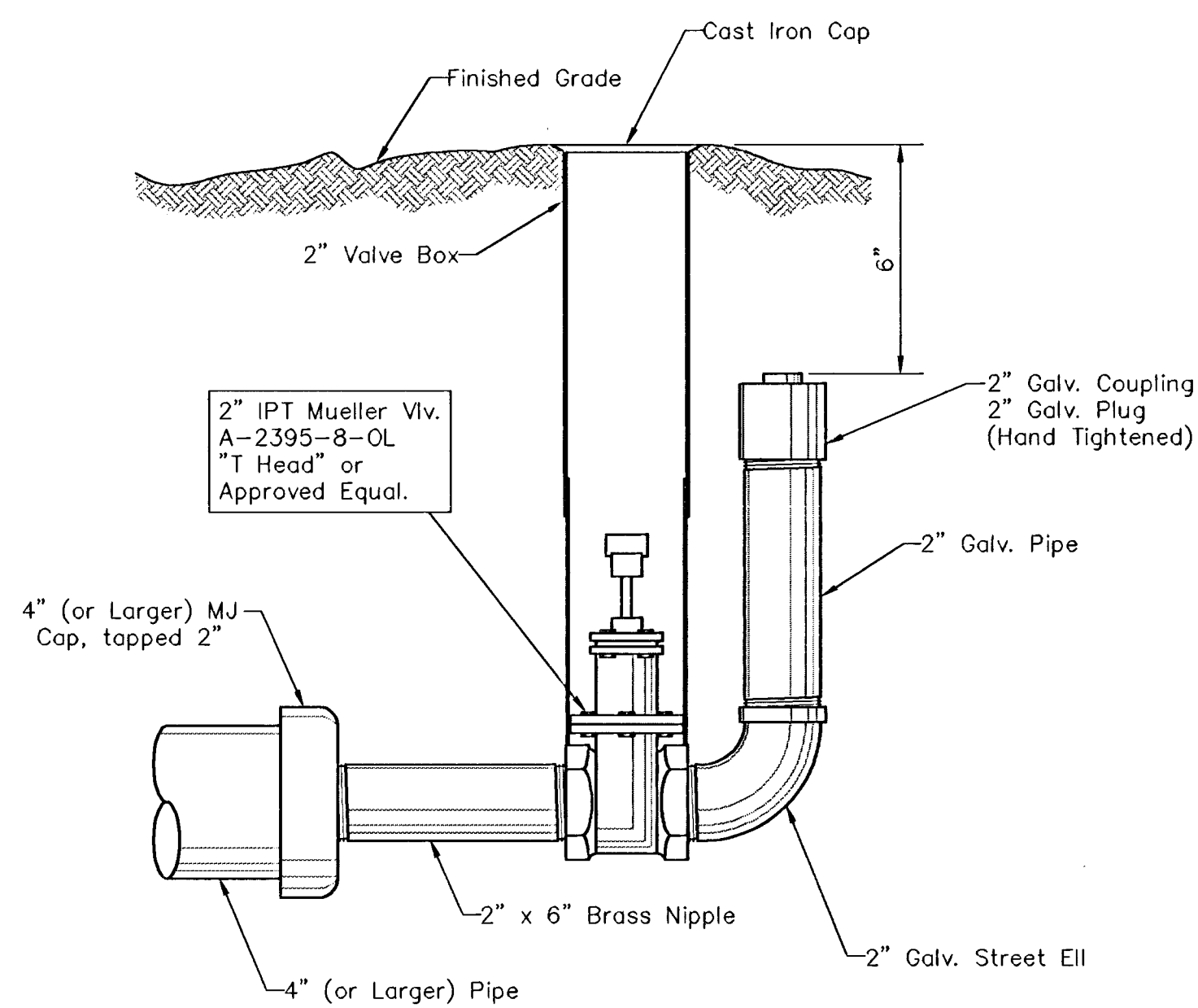




FIRE HYDRANTS REQUIRED

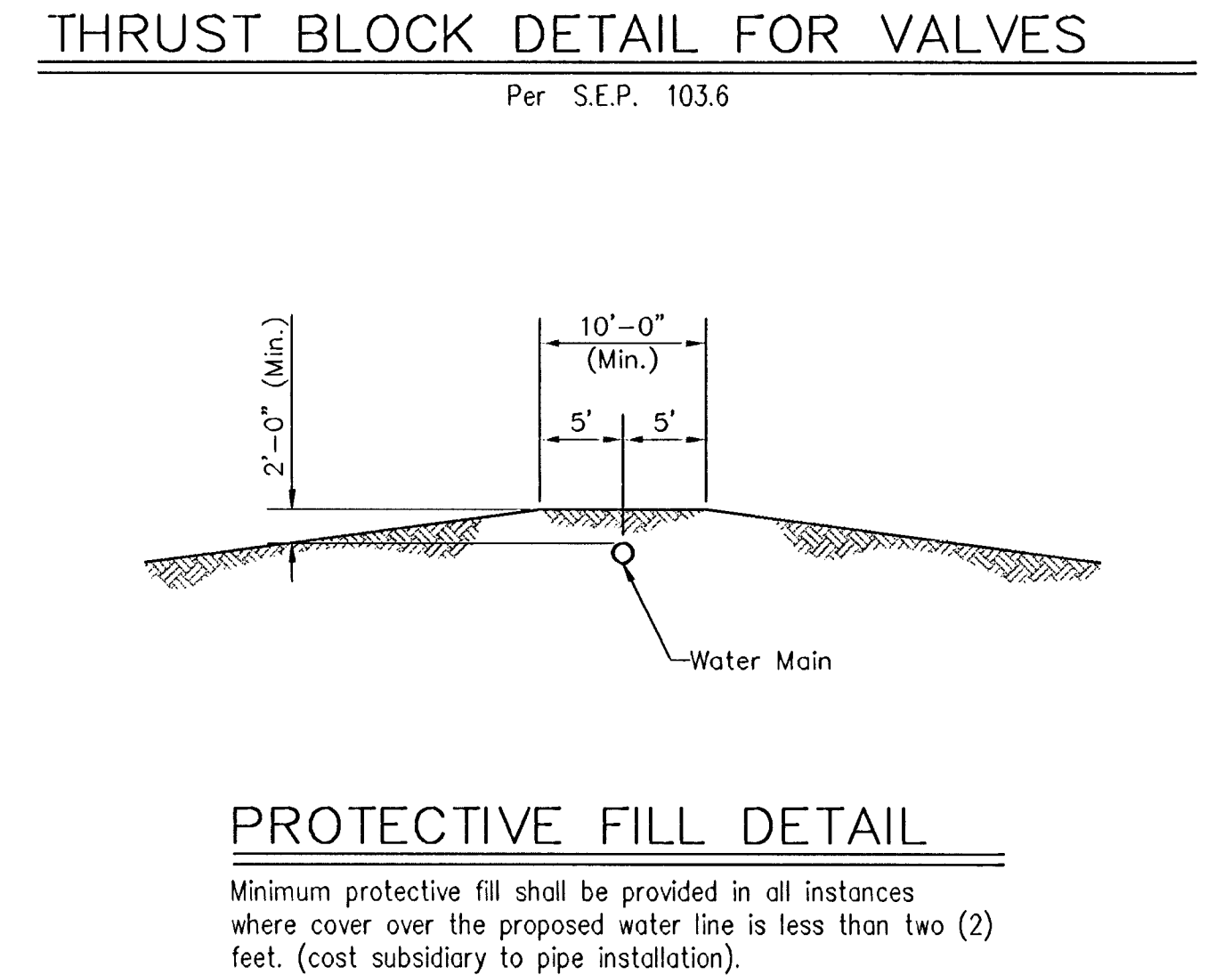
LINE NO.	STATION	BURY LINE ELEVATION	TOP OF PIPE ELEVATION	FIRE HYDRANT BURY REQ'D
2	4+10	109.85	105.50	4.5'
3	3+83.59	110.00	106.12	4.5'
3	6+67	111.36	107.00	4.5'



Notes:

- Concrete Block of Valve to have sufficient bearing in undisturbed soil to prevent thrust movement as shown in table at right. Field Engineer to determine thrust loading of undisturbed soil and final size of thrust block.
- Provide clearance around flanges to M.J. accessories.
- Valve Block to be included in bid item of concrete for thrust blocks.
- All valves of dead ends and at other locations as called out on the plans shall be blocked as shown here.

THRUST AT VALVES	
VALVE	THRUST @ 150#/in ²
4"	1,890 lbs.
6"	4,245 lbs.
8"	7,540 lbs.
12"	16,965 lbs.



REVISED FIRE HYD. LOCATION 5-3-94

TYPICAL WATER ASSEMBLY DETAILS CITY OF WICHITA, KANSAS	
PROJECT NUMBER	INDEX CODE
448-88744/88745	630293