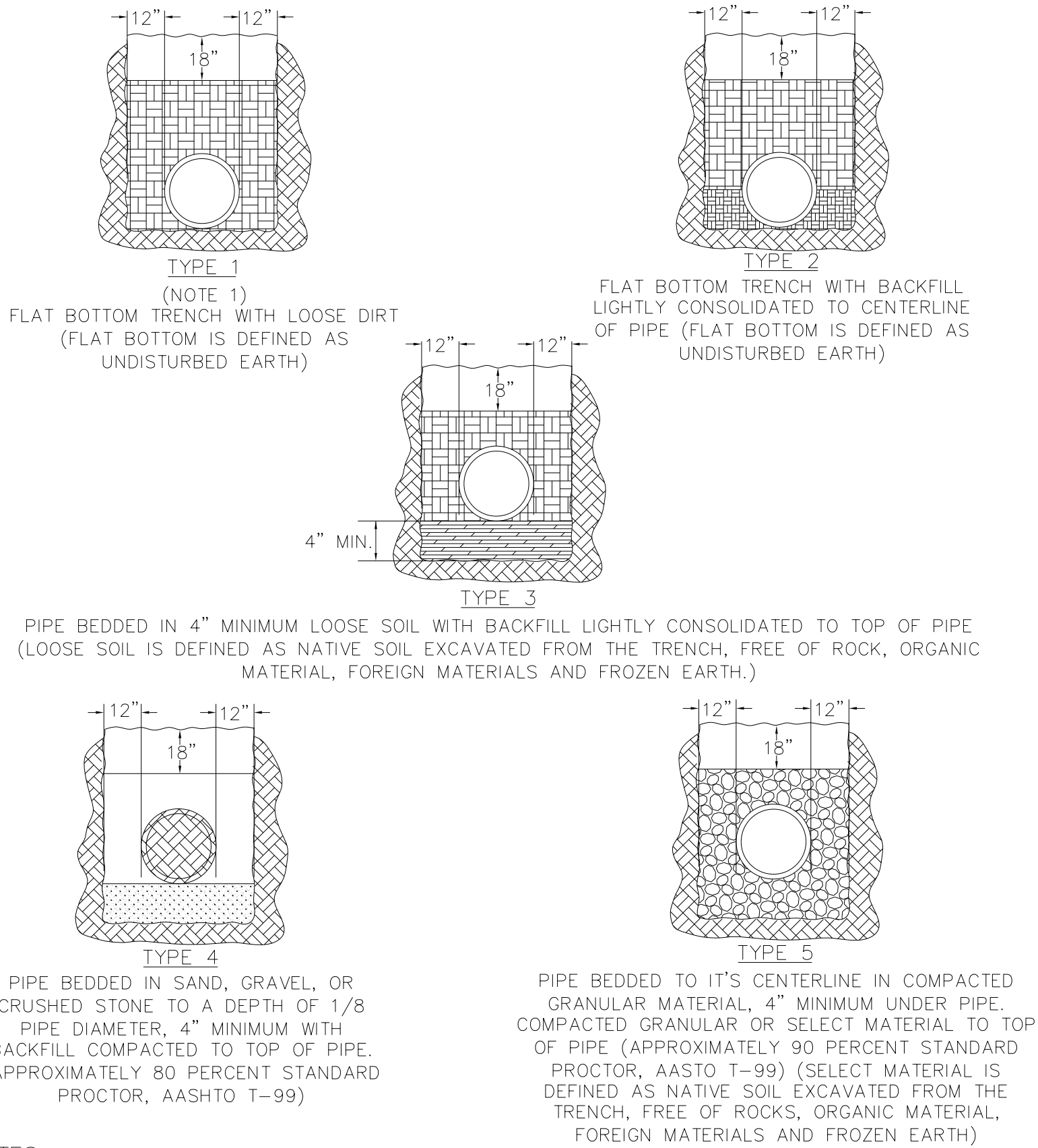


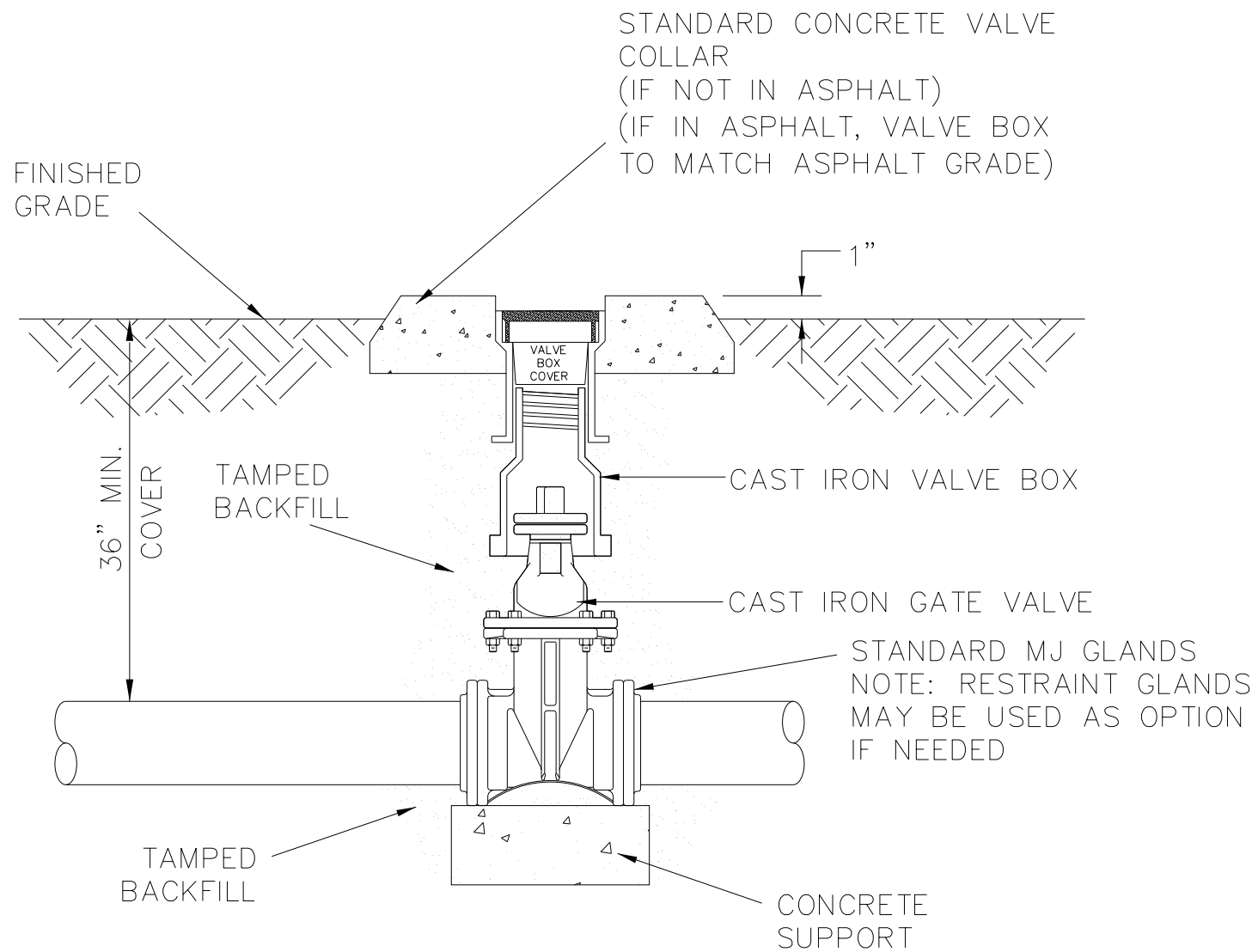


NOTES:

- FOR NORMAL PIPE SIZES 14 INCH AND LARGER, CONSIDERATION SHOULD BE GIVEN TO THE USE OF LAYING CONDITIONS OTHER THAN TYPE 1.
- CONSIDERATION OF THE PIPE-ZONE EMBEDMENT CONDITIONS INCLUDED IN THIS FIGURE MAY BE INFLUENCED BY FACTORS OTHER THAN PIPE STRENGTH. FOR ADDITIONAL INFORMATION ON PIPE BEDDING AND BACKFILL, SEE ANSI/AWWA C600.

WATER MAIN EMBEDMENT DETAILS

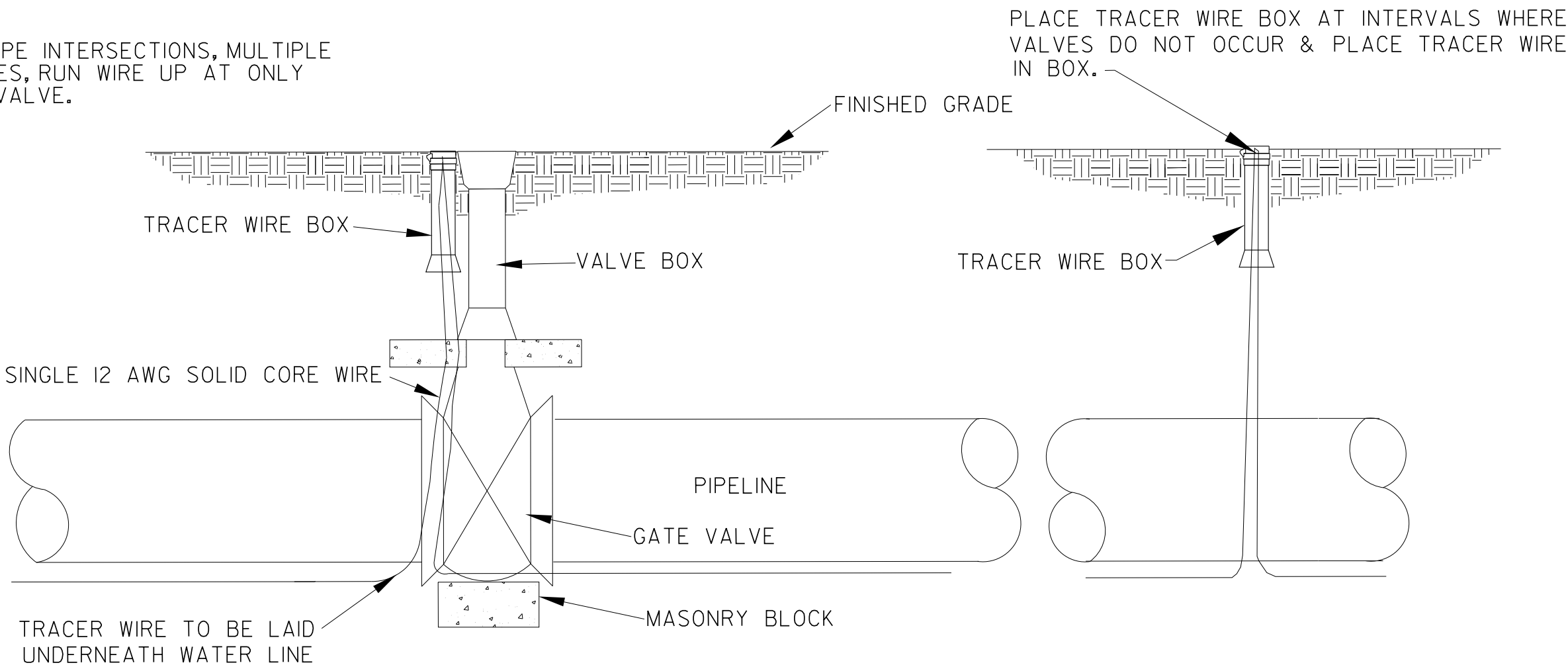
NOT TO SCALE



INLINE VALVE DETAIL

NOT TO SCALE

NOTE:
AT PIPE INTERSECTIONS, MULTIPLE VALVES, RUN WIRE UP AT ONLY ONE VALVE.

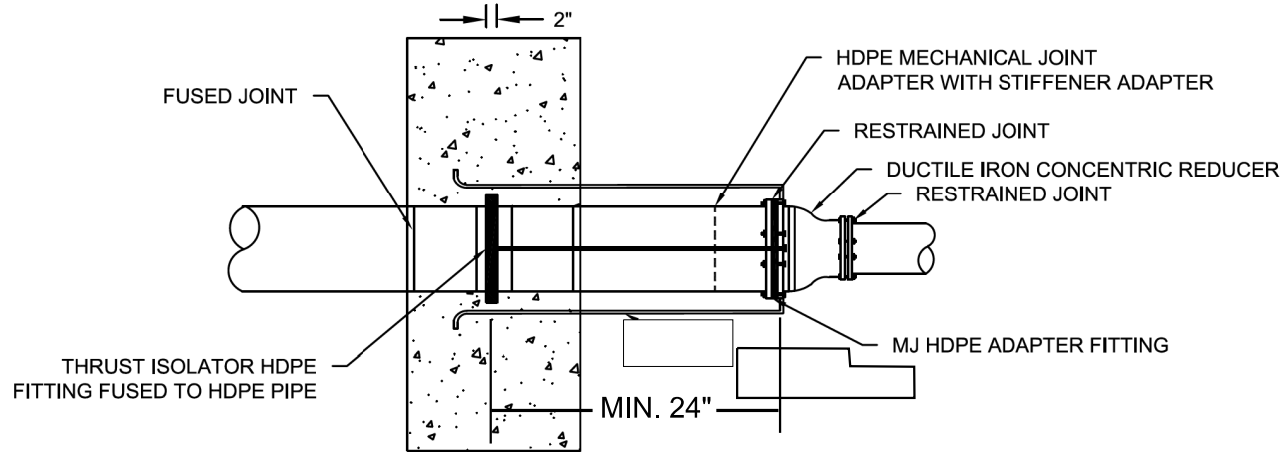


NOTES:

- PLACE TRACER WIRE IN TRACER WIRE BOX AS SHOWN.
- NO UNDERGROUND SPLICING WILL BE ALLOWED. DO NOT SPLICE WIRE WHEN BEGINNING A NEW SPOOL. INSTEAD INSTALL A TRACER WIRE BOX AND ATTACH EACH WIRE TO THE BOX.
- TRACER WIRE BOXES SHALL BE PLACED NO FARTHER THAN 400' APART

TYPICAL TRACER WIRE INSTALLATION DETAIL

NOT TO SCALE



NOTE:

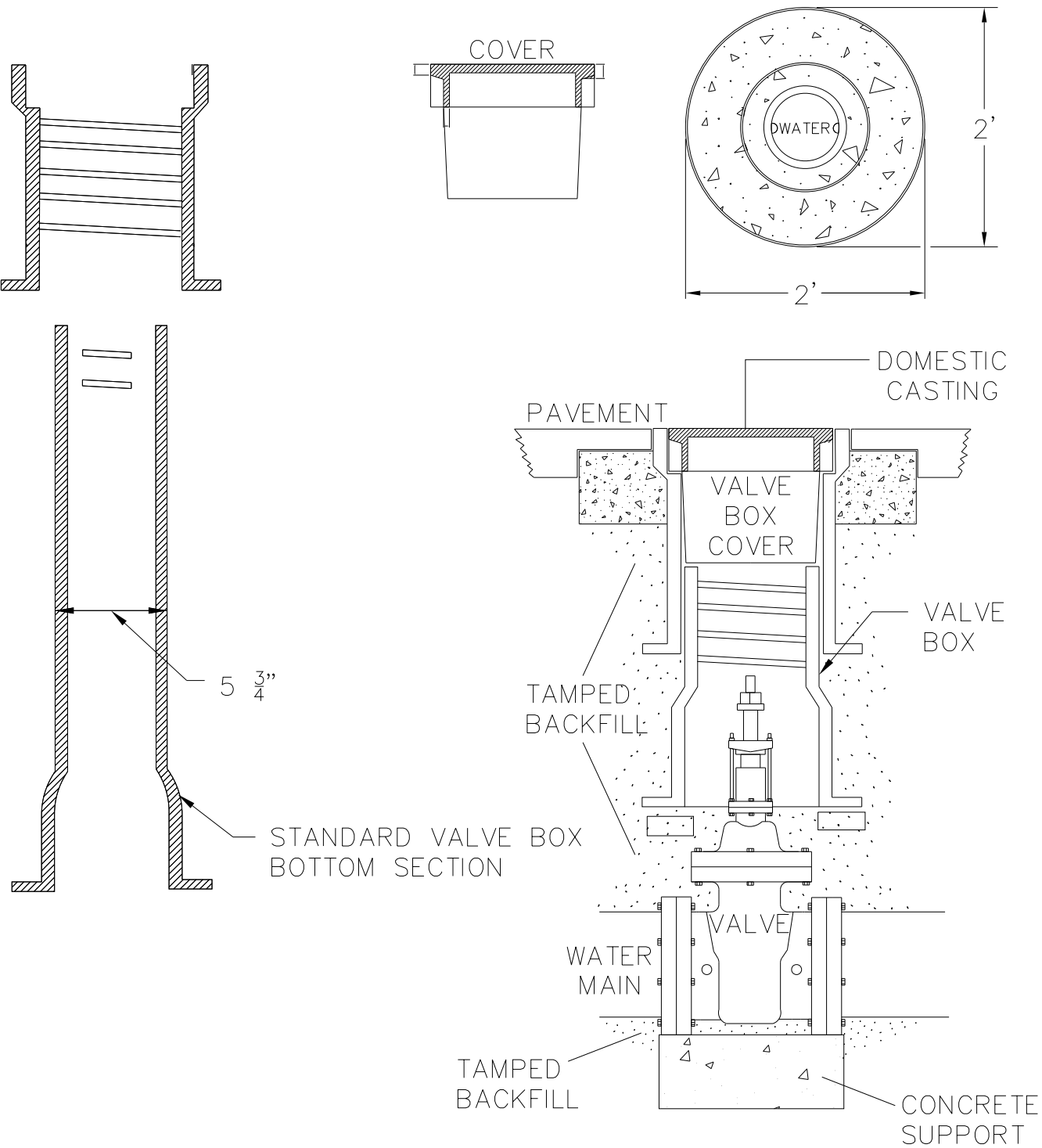
SEE SEPARATE DETAIL FOR CONCRETE ANCHOR BLOCK

HDPE PIPE CONNECTION

NOT TO SCALE

NOTE: CONCRETE VALVE COLLAR REQUIRED ON ALL VALVES.

APPROVED METHOD FOR EXTENSION OF VALVE BOX

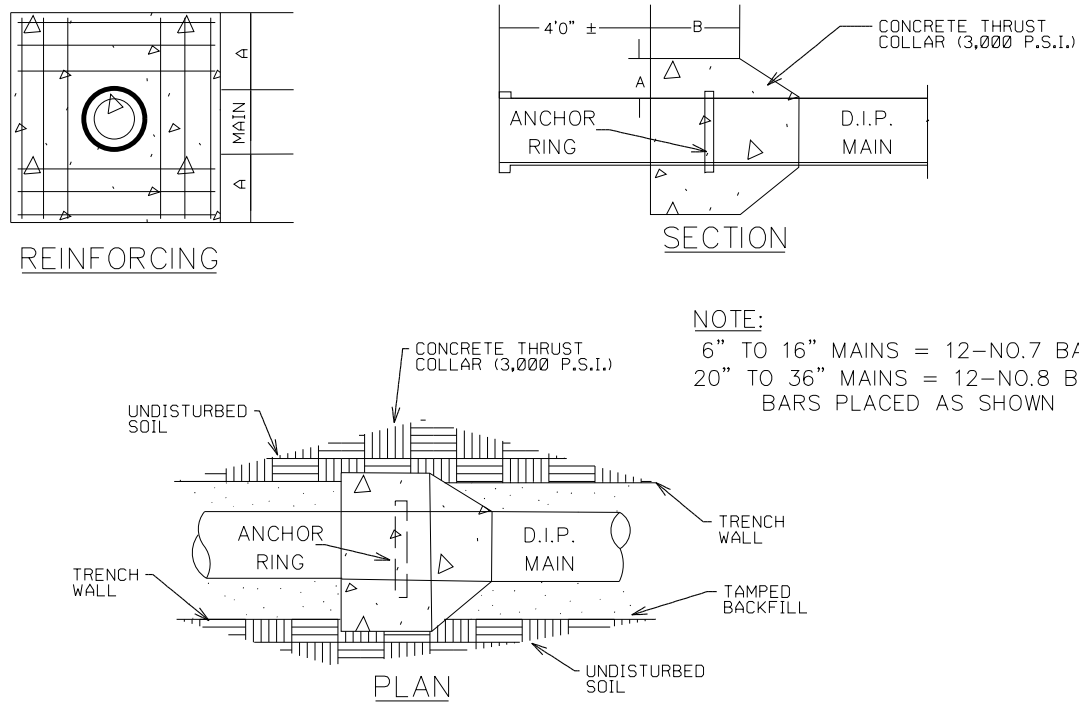


NOTE:

VALVE BOX SHALL BE PER OWNER'S SPECIFICATIONS.

VALVE BOX INSTALLATION

NOT TO SCALE



SCHEDULE

PIPE DIAMETER	CONCRETE THRUST COLLAR	ANCHOR COLLAR	RINGS REQUIRED
	A	B	C
6", 8", 12"	1'-0"	1'-0"	2"
16"	1'-4"	1'-0"	2"
20"	1'-4"	1'-0"	3"
24"	1'-4"	1'-0"	3"
30"	1'-4"	1'-2"	4"
46"	1'-4"	1'-4"	4"

THRUST COLLAR INSTALLATION

NOT TO SCALE

