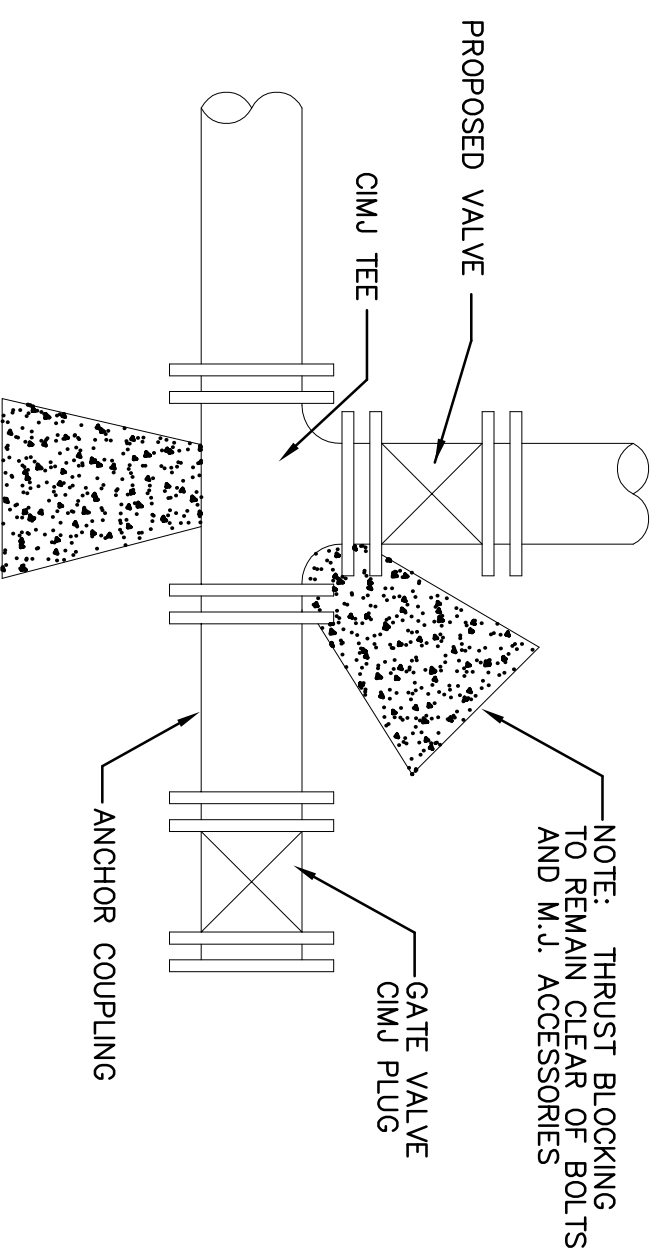
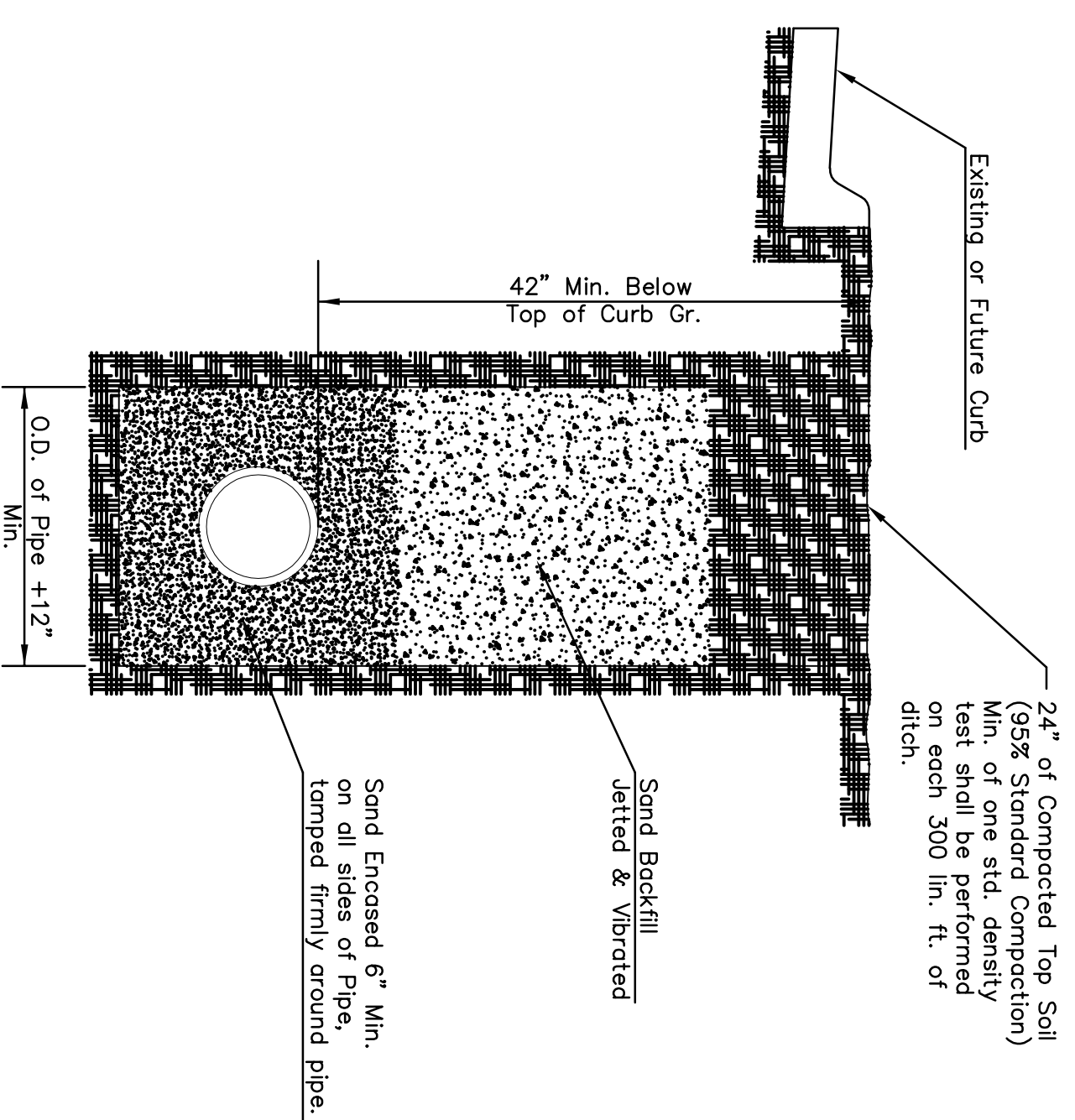


PIPE SIZE	THRUST AT FITTINGS IN TONS—AT 150#/IN ² P							
	90°	45°	22 1/2°	11 1/4°	TEE	BEND	VERTICAL BEND	PLUG
6"	2.8	3.95	2.15	1.09	.55	2.8		
8"	4.9	6.95	3.75	1.90	.96	4.9		
12"	11.4	16.1	8.75	4.45	2.25	11.4		
16"	20.15	28.5	15.4	7.85	3.95	20.15		
20"	31.15	44.0	23.85	12.15	6.10	31.15		
24"	44.55	63.0	34.1	17.4	8.75	44.55		

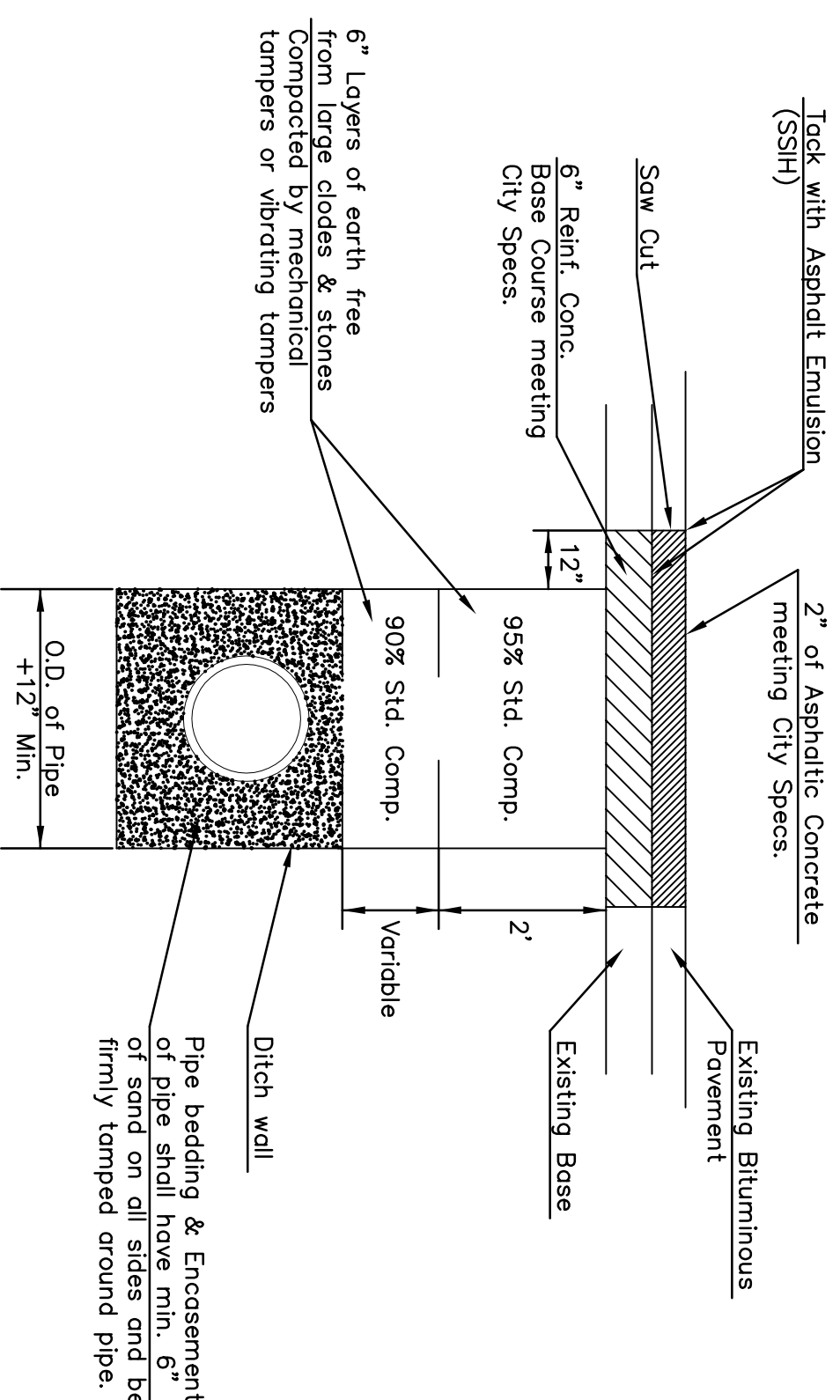
TYPICAL THRUST BLOCKS



KEY BLOCK DETAIL



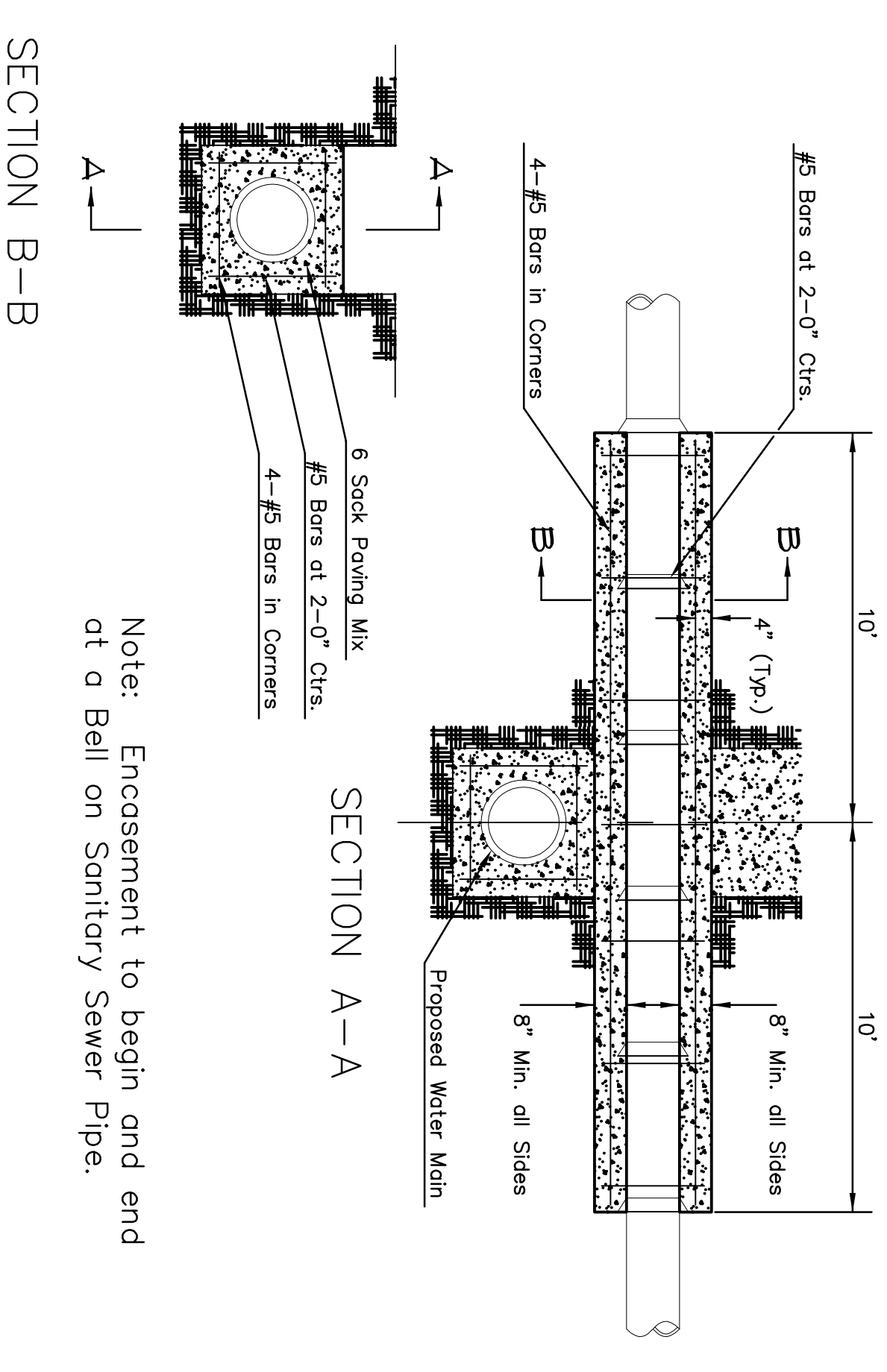
SETTLEMENT & COMPACTION ON CITY AND COUNTY ROAD RIGHT-OF-WAY EXCEPT UNDER PAVEMENT



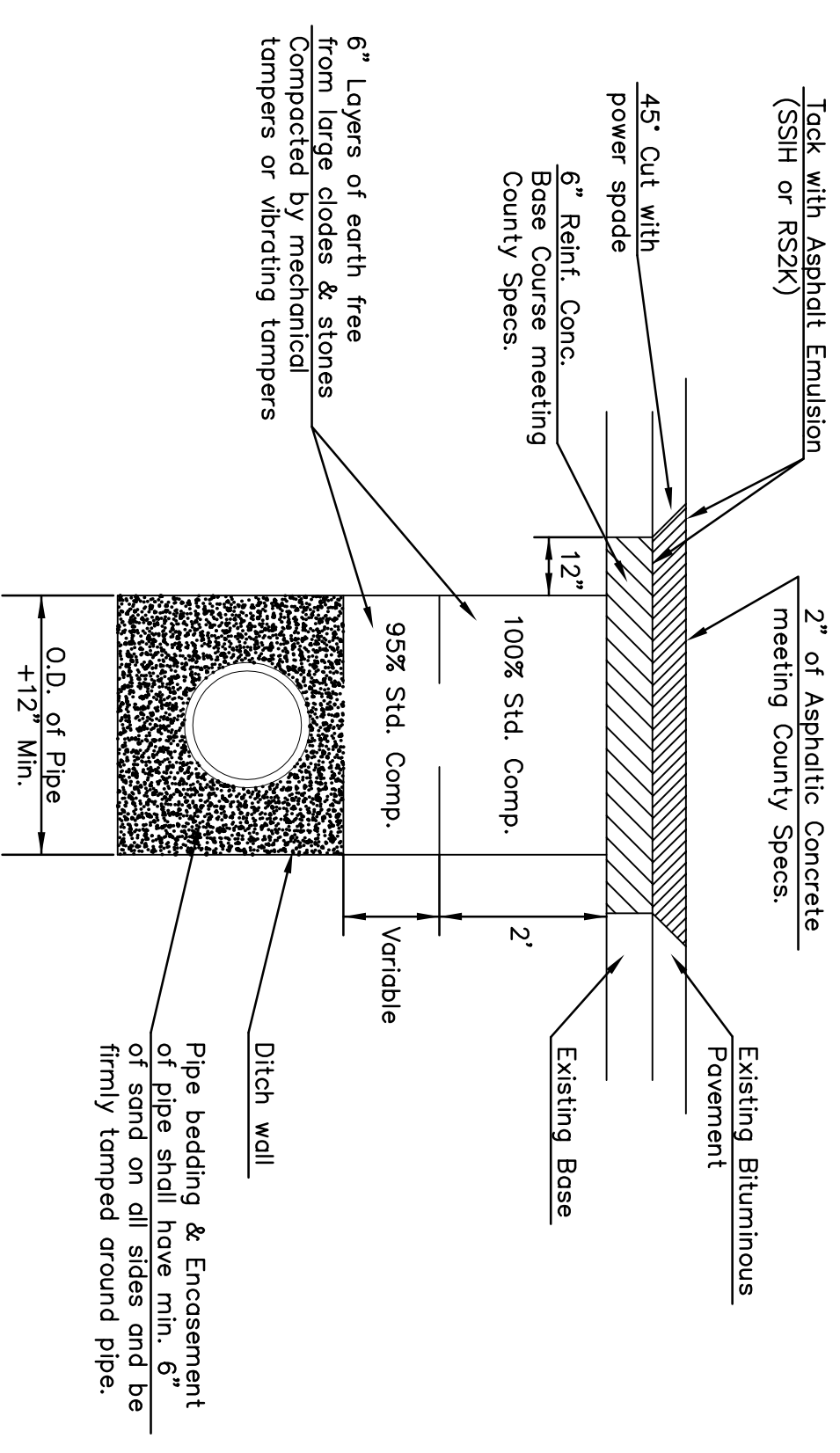
Standard Density Test, as described in the latest addition of ASTM D698, shall be performed to verify the above requirements to the Satisfaction of the Sedgwick County Director of Public Works. All testing cost shall be included in the unit price bid for the pipe in place.

When laying under paving, parallel with the centerline of the street, a minimum of one (1) Standard Density Test shall be performed on each 300 lined feet of ditch.

PAVEMENT REPLACEMENT & DITCH COMPACTION UNDER EXISTING AND PROPOSED CITY ROADS



REINFORCED CONCRETE ENCASEMENT OF SANITARY SEWER



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PAVEMENT REPLACEMENT & DITCH COMPACTION UNDER EXISTING AND PROPOSED COUNTY ROADS

THE CITY OF WICHITA
WATER
DETAILS

REVISED APR 97

VARIOUS WATER DETAILS

M. E. LINDBAK P. E. - CITY ENGINEER

PROJECT NUMBER XXX-XXXXX

INDEX CODE XXXXXX

DATE MAR 96

SHEET W1.2