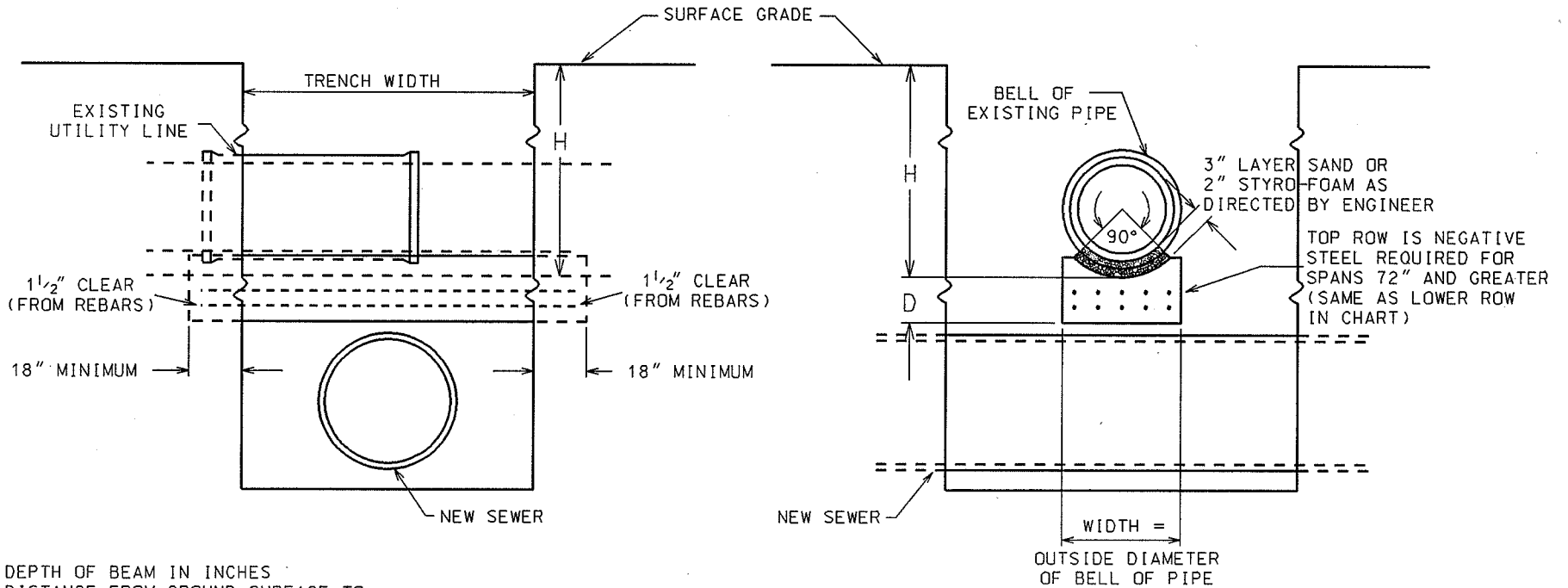


REINFORCED CONCRETE BEAM UTILITY LINE SUPPORT TO BE USED WHEN NEW SEWER EXCAVATION IS CROSSING UNDER AN EXISTING UTILITY LINE (SEWER LINES, WATER LINES, GAS LINES, ETC.) AS DIRECTED BY THE ENGINEER.



D = DEPTH OF BEAM IN INCHES
H = DISTANCE FROM GROUND SURFACE TO BOTTOM OF PIPE SAND/STYRO-FOAM SUBSURFACE

TRENCH WIDTH	24" - 43"		44" - 58"		59" - 72"		73" - 87"	
H, ft	D	STEEL REQ'D	D	STEEL REQ'D	D	STEEL REQ'D	D	STEEL REQ'D
4 TO 5	6	#4 - 6" OC	7	#4 - 5" OC	8	#5 - 6" OC	9	#5 - 5" OC
5 TO 7	6	#4 - 6" OC	7	#5 - 6" OC	8	#5 - 5" OC	9	#5 - 5" OC
7 TO 9	6	#4 - 6" OC	7	#5 - 6" OC	8	#5 - 5" OC	9	#5 - 4" OC
9 TO 12	7	#4 - 6" OC	8	#5 - 6" OC	9	#5 - 4" OC	10	#5 - 4" OC
12 TO 15	7	#4 - 5" OC	9	#5 - 6" OC	10	#5 - 4" OC	12	#5 - 4" OC

2004

CITY OF MADISON
ENGINEERING DIVISION

REINFORCED CONCRETE BEAM
UTILITY LINE SUPPORT

STANDARD DETAIL DRAWING 5.8.2

5.8.2