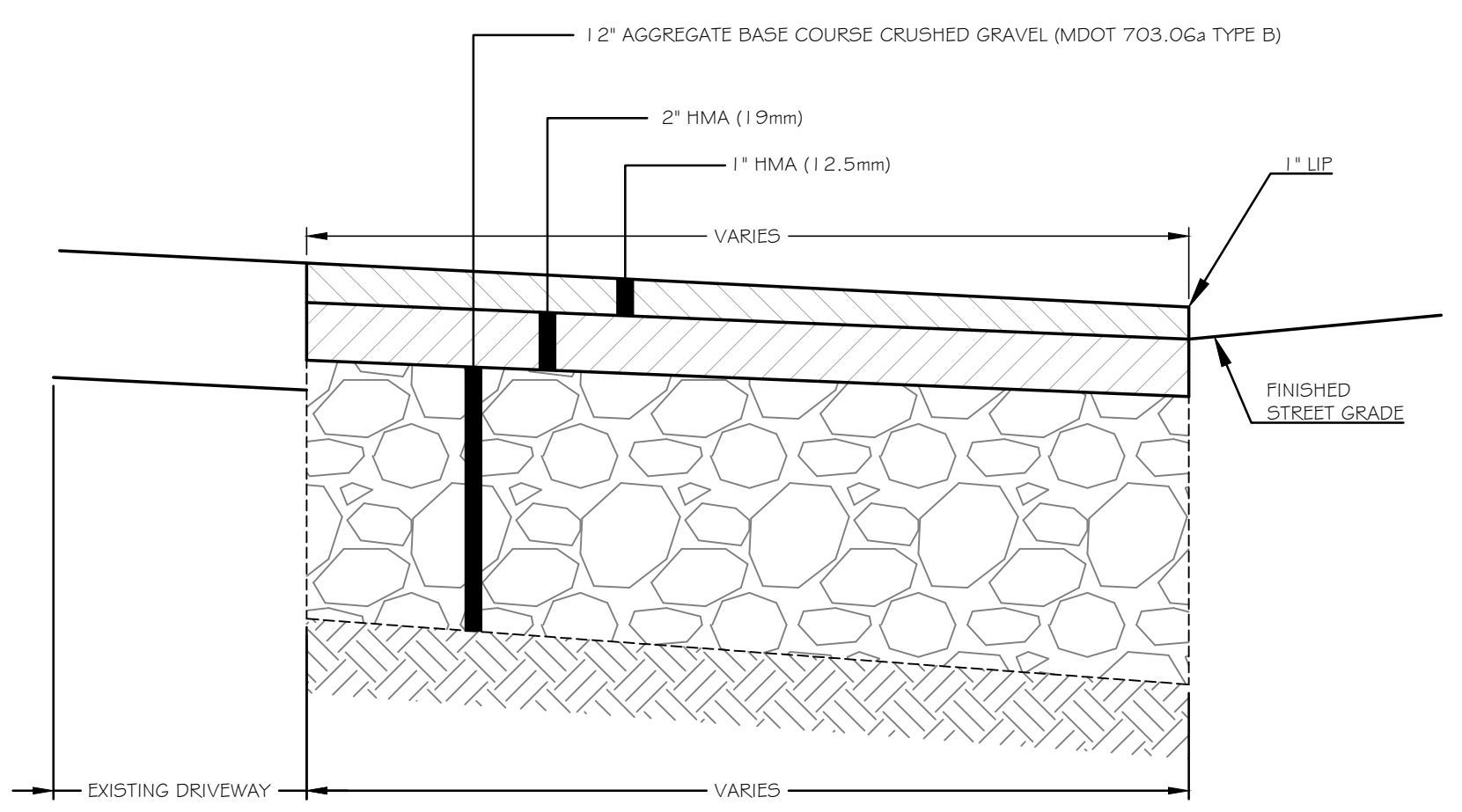
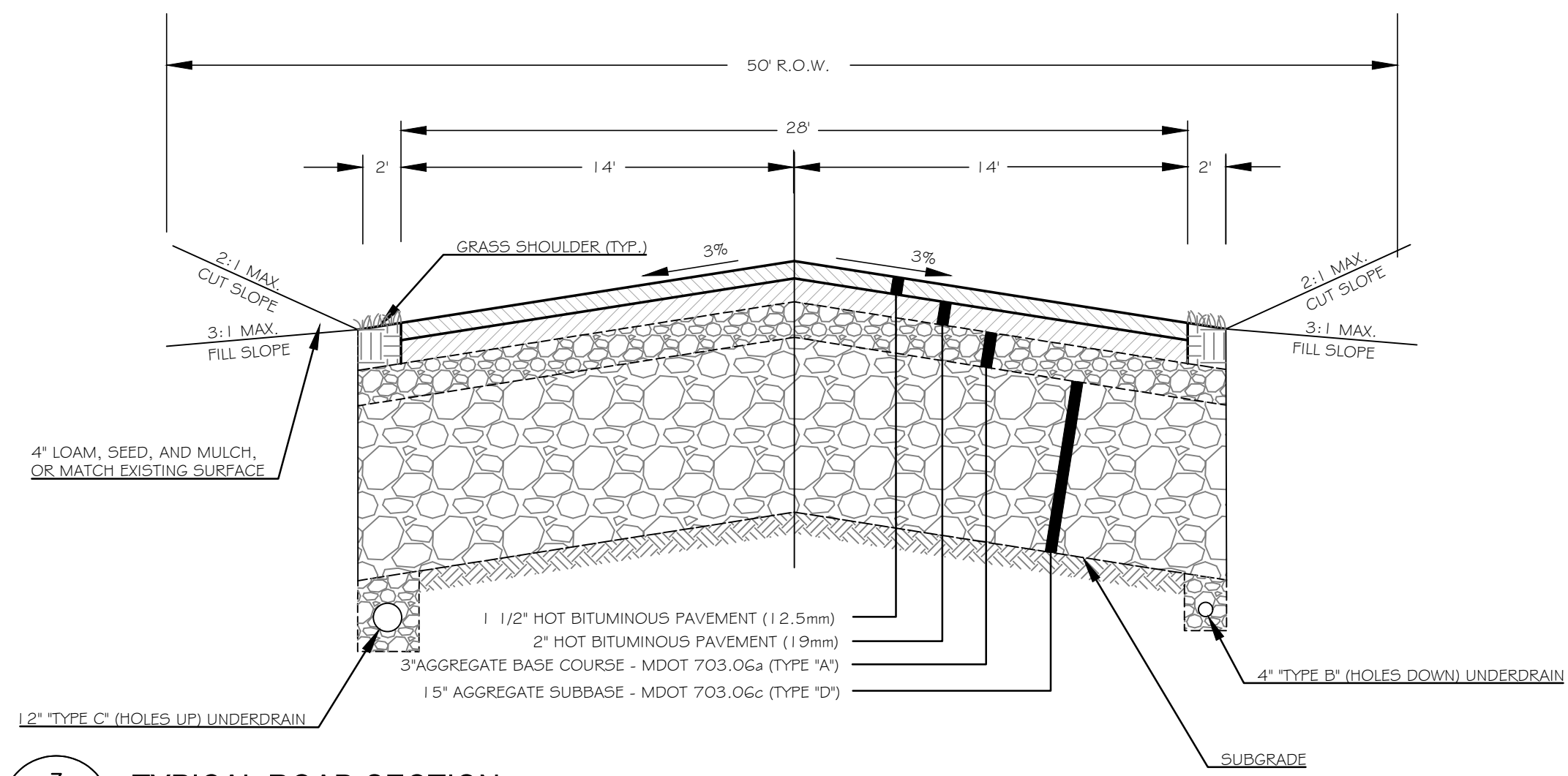


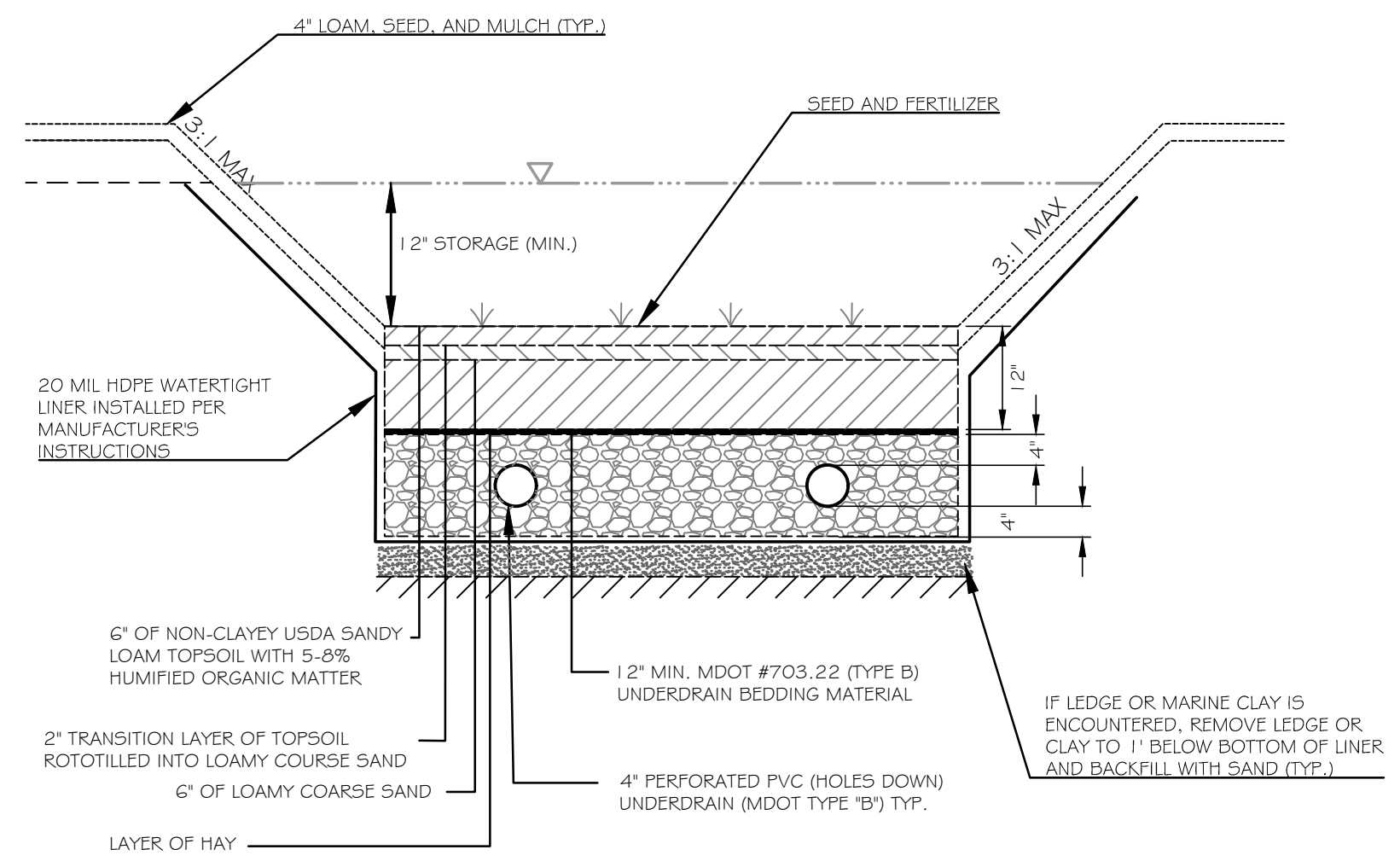
**1 SERVICE BOX DETAIL**  
C3.1 NOT TO SCALE



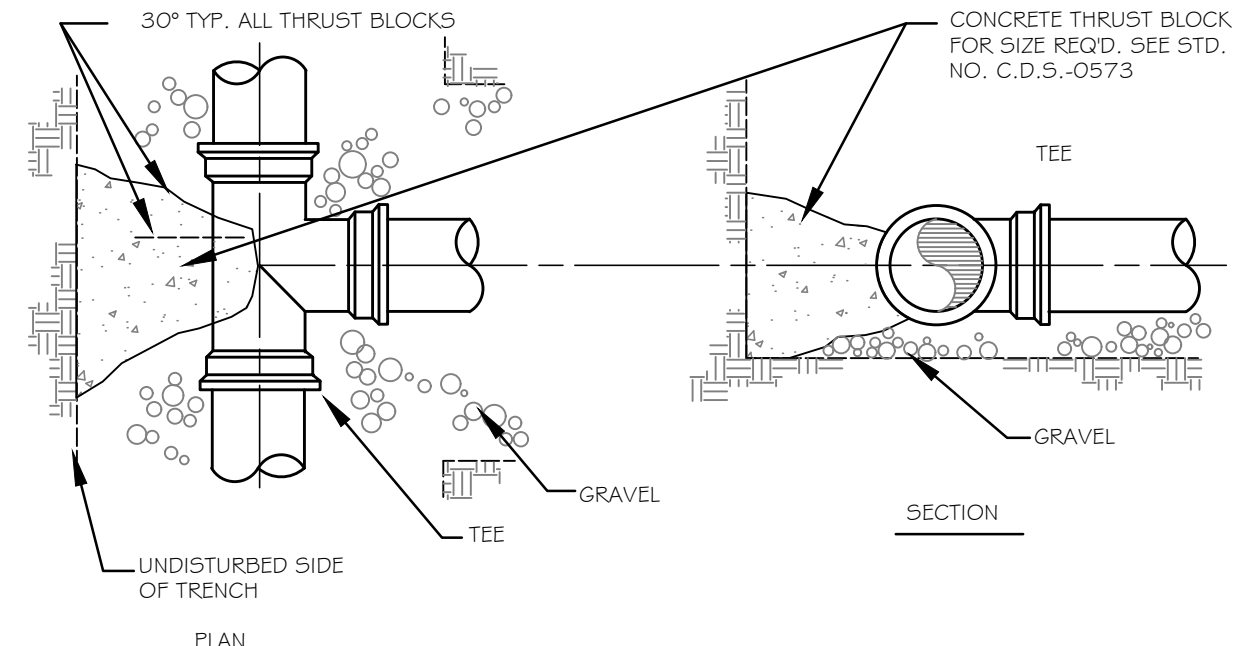
**2 BITUMINOUS DRIVEWAY APRON DETAIL**  
C3.1 NOT TO SCALE



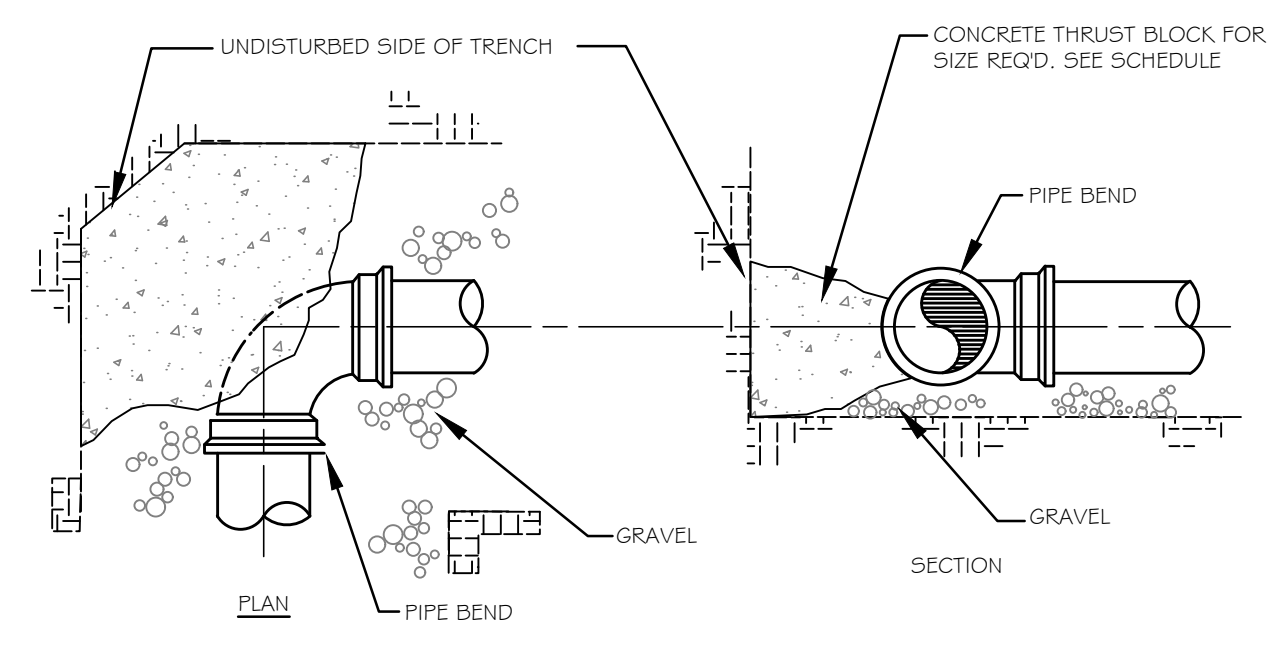
**3 TYPICAL ROAD SECTION**  
C3.1 NOT TO SCALE



**4 GRASSED UNDERDRAIN SOIL FILTER TYPICAL CROSS SECTION**  
C3.1 NOT TO SCALE



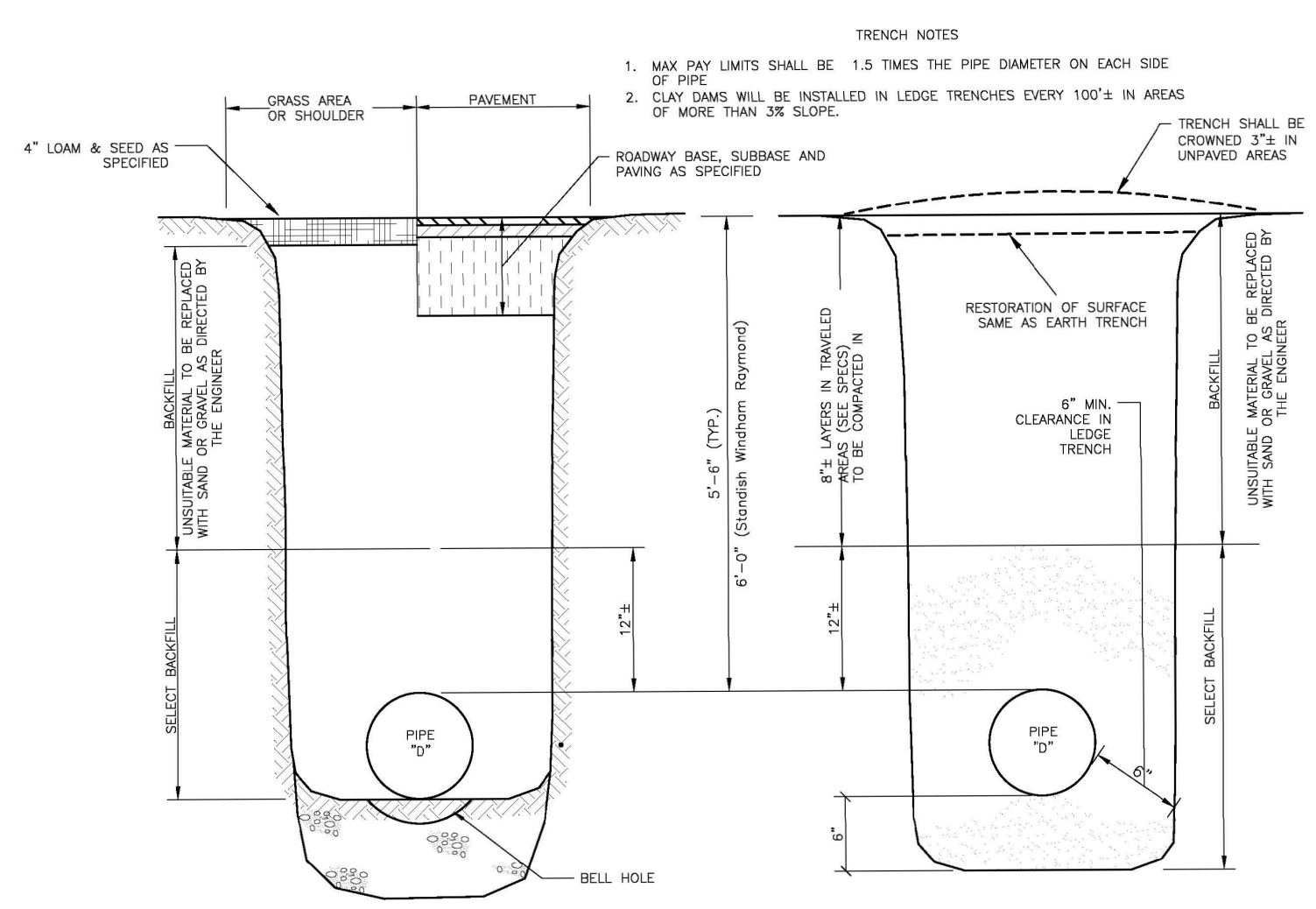
THRUST BLOCK PLACEMENT AT TEE(S)



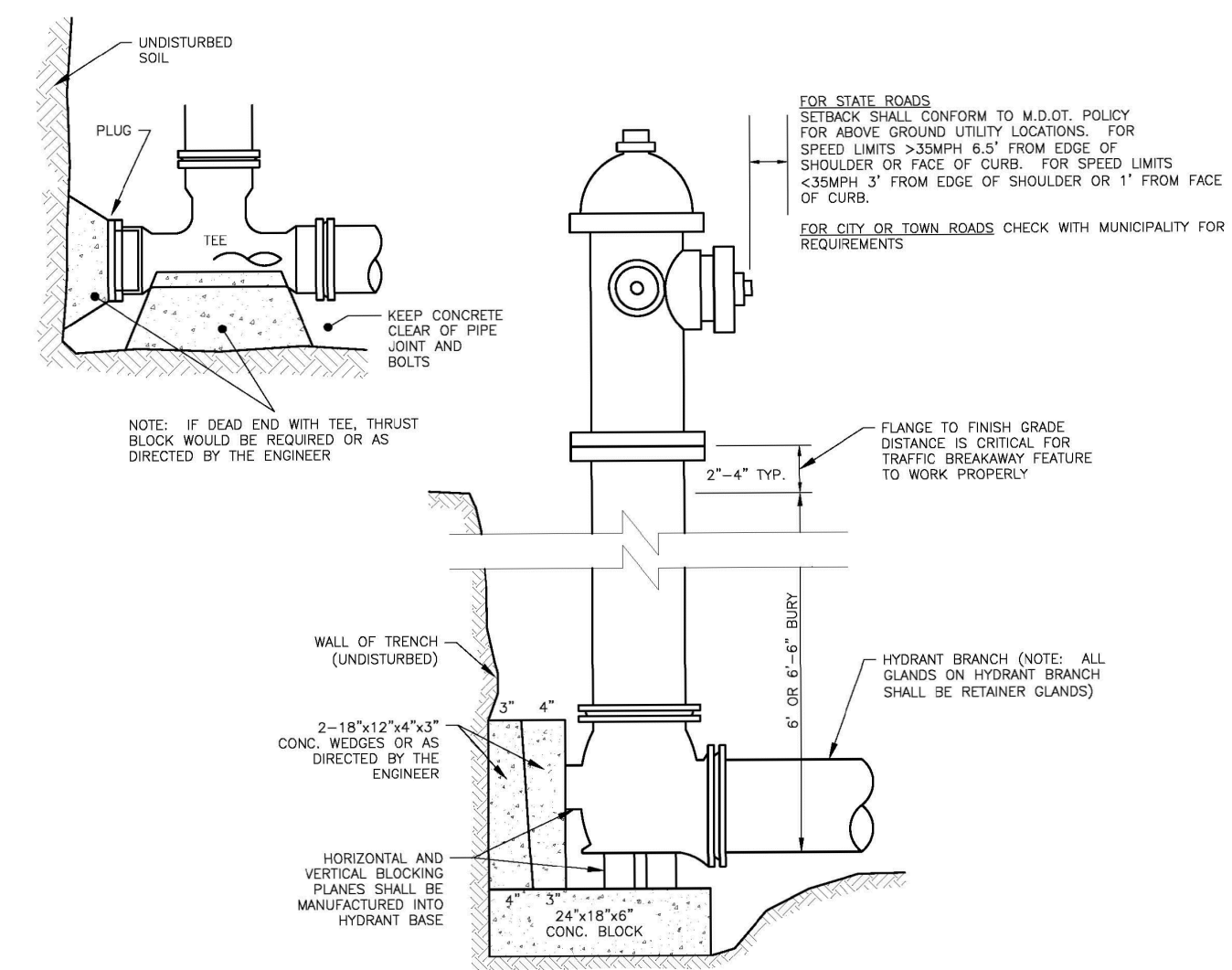
THRUST BLOCK PLACEMENT AT BEND(S)

SIZE REQUIREMENTS FOR CONCRETE THRUST BLOCKS					
BEARING ON UNDISTURBED SOIL (SQUARE FT.)					
FITTINGS	90° BENDS	45° BENDS	TEES & PLUGS	HYDRANTS	
PIPE SIZE	4"	2.0	1.0	1.0	N/A
	6"	3.0	2.0	2.0	6.0
	8"	5.0	3.0	4.0	N/A

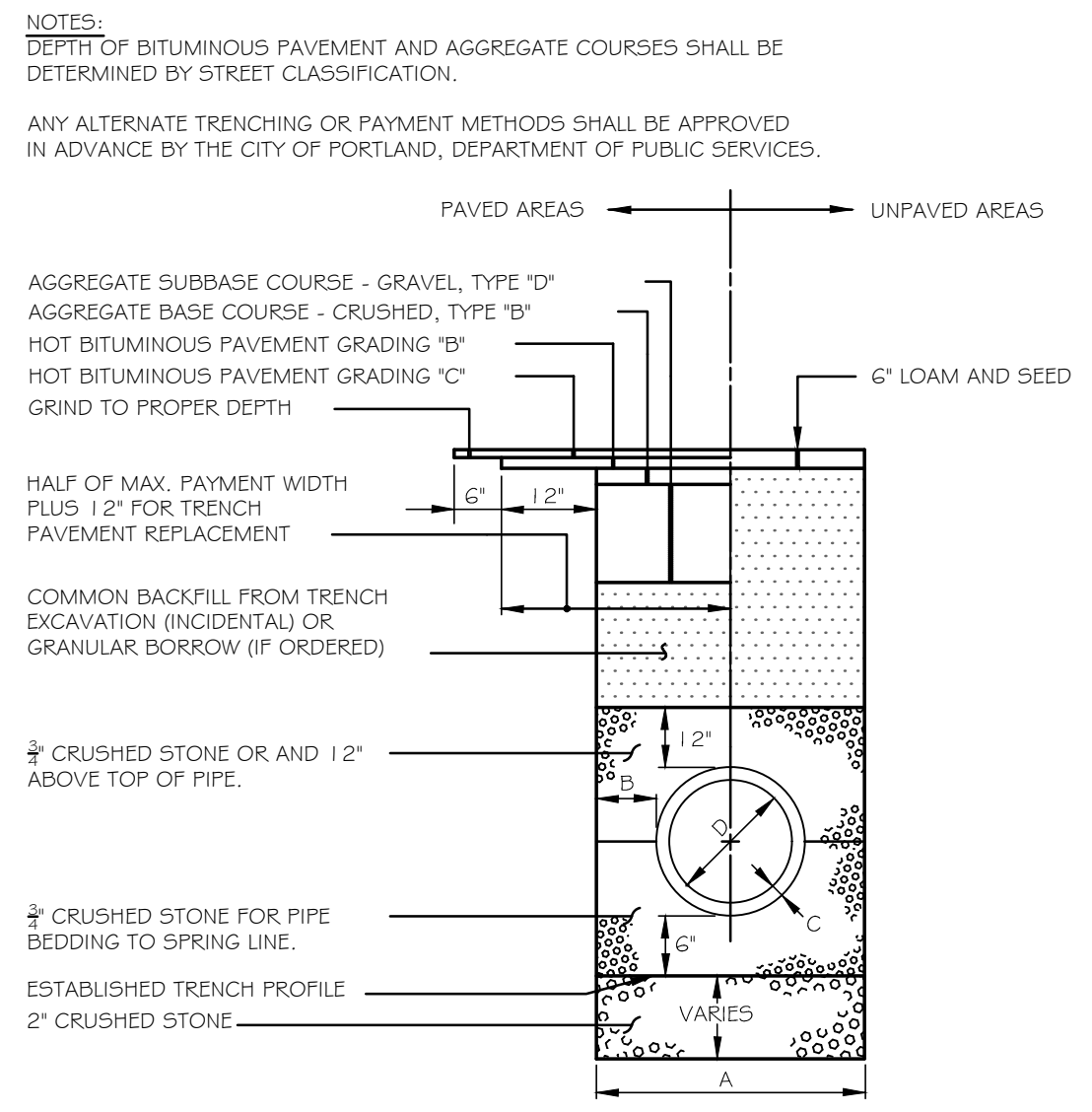
THRUST BLOCK SCHEDULE



**6 WATER MAIN SECTION THRU EARTH AND LEDGE TRENCH**  
C3.1 NOT TO SCALE



**7 TYPICAL HYDRANT INSTALLATION**  
C3.1 NOT TO SCALE



**8 TYPICAL PIPE TRENCH & ROAD REPAIR DETAIL**  
C3.1 NOT TO SCALE

ISSUED FOR PERMITTING - NOT FOR CONSTRUCTION

Rev.	Date	Description	Drawn	Check