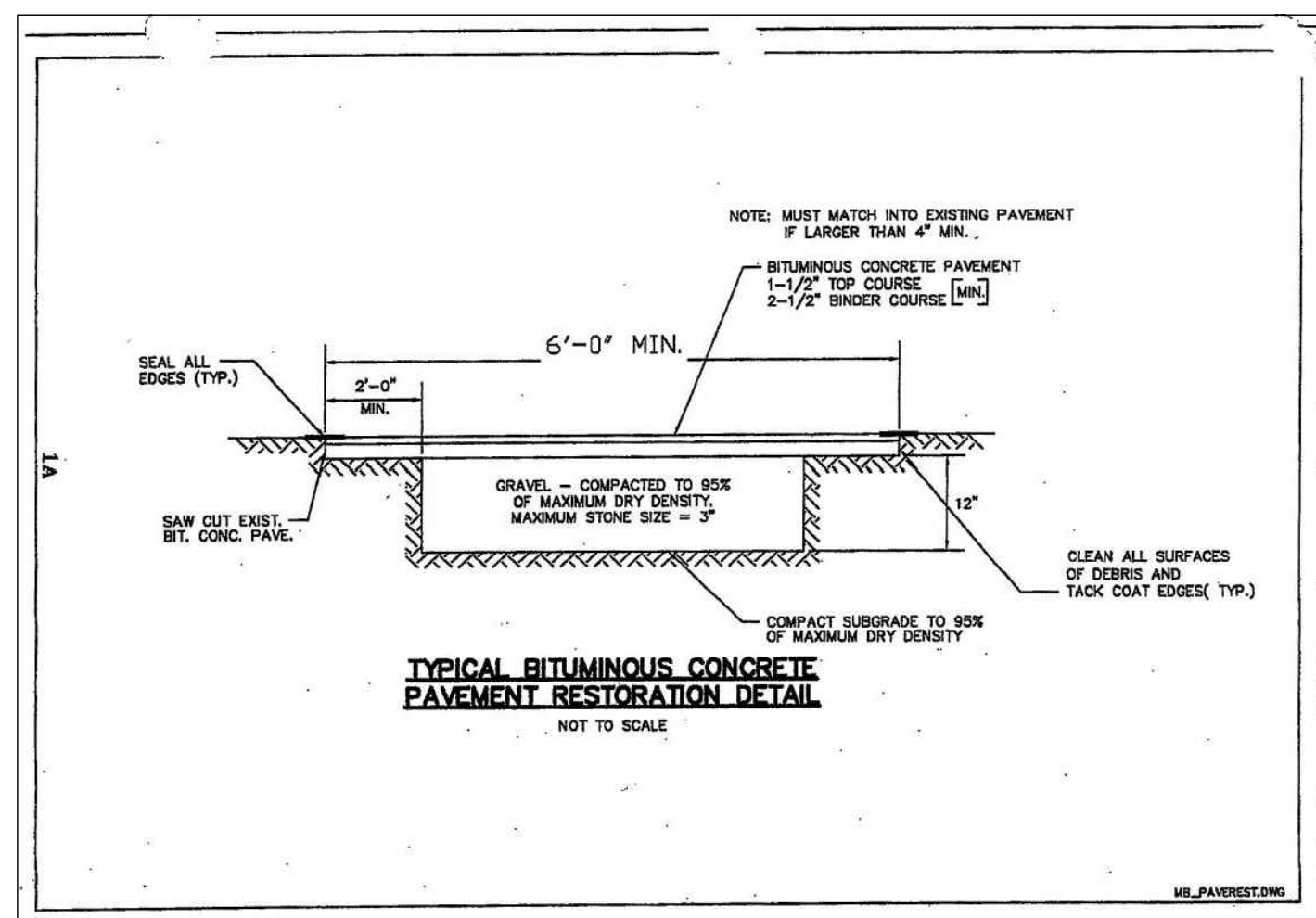
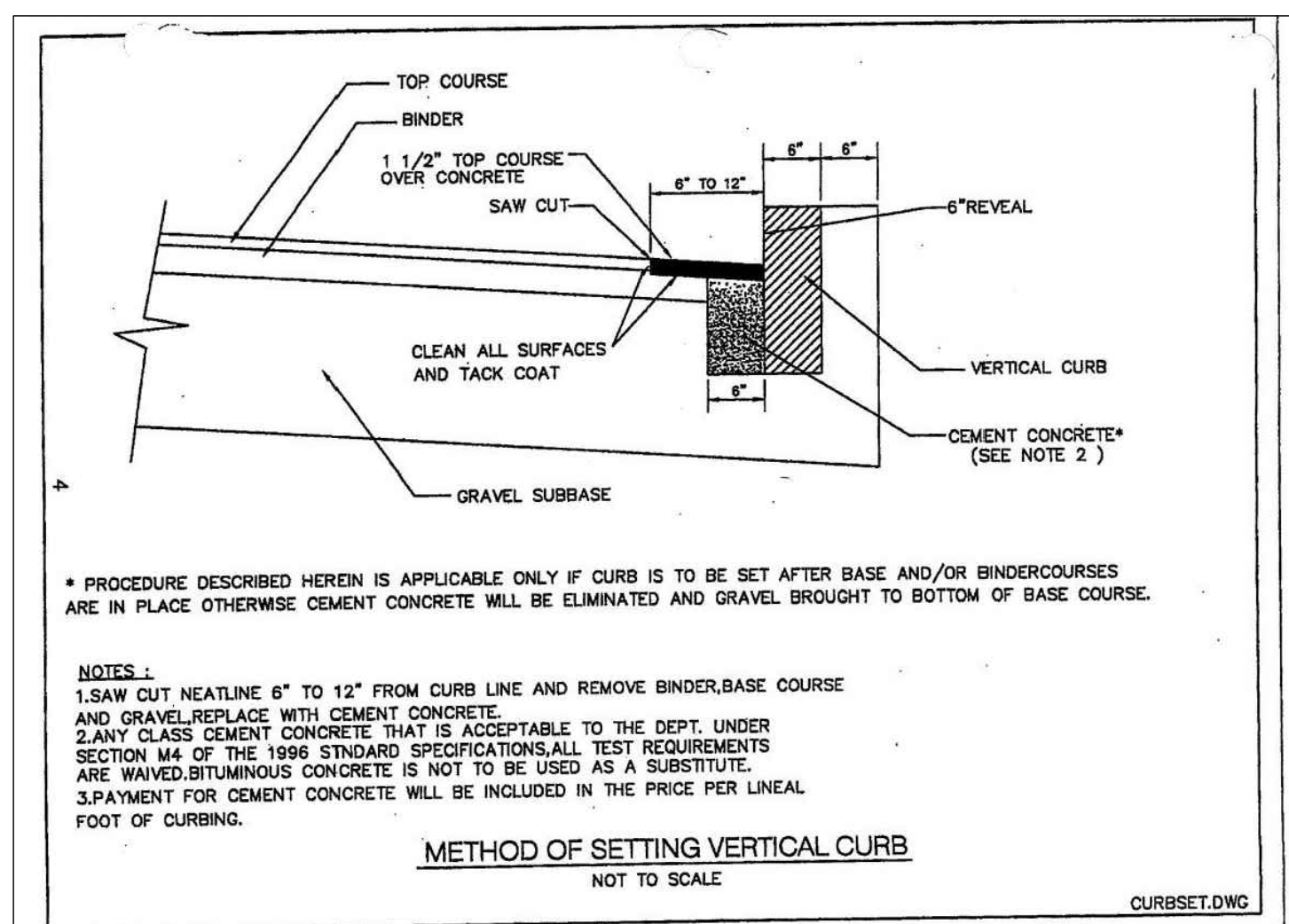
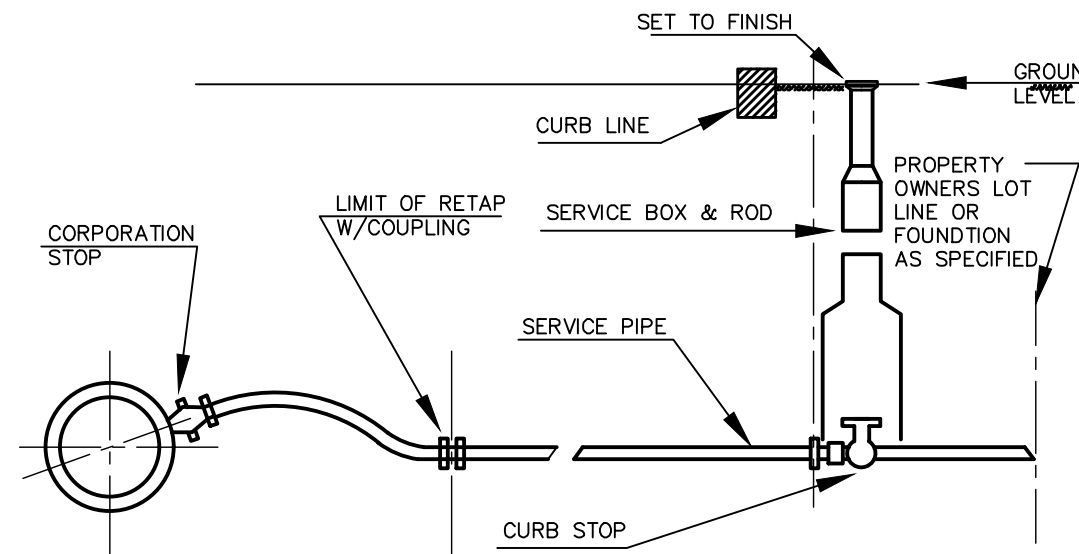
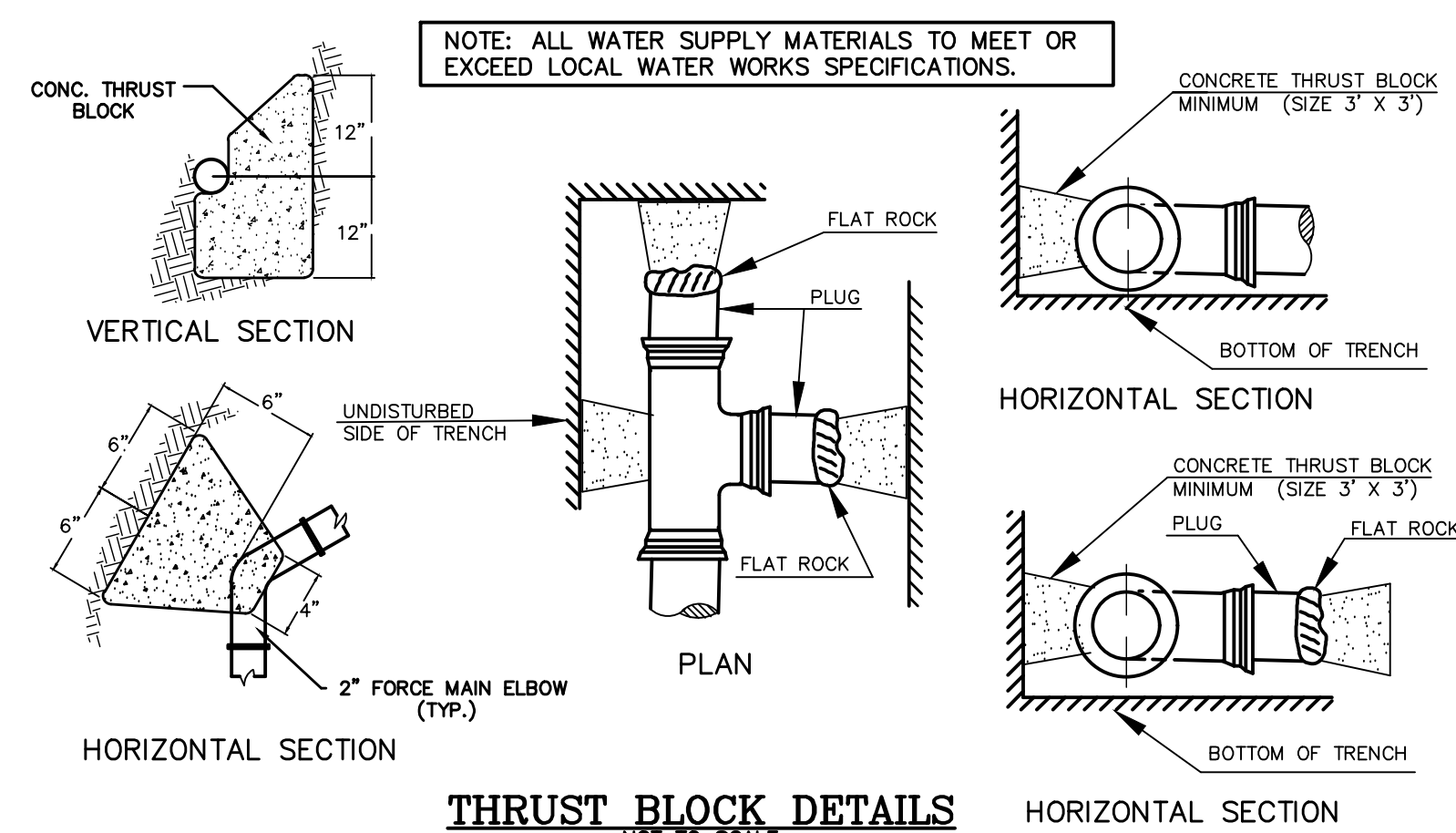




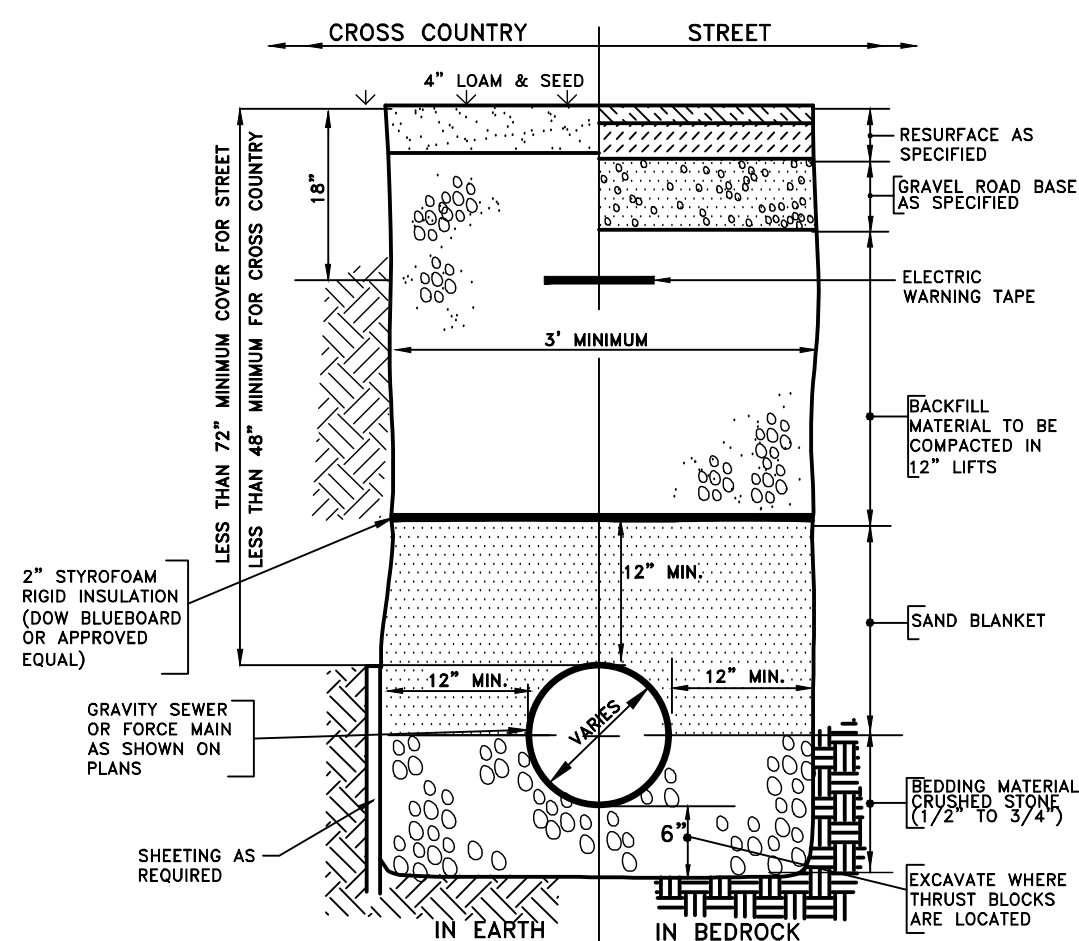
PAVEMENT RESTORATION DETAIL
NOT TO SCALE



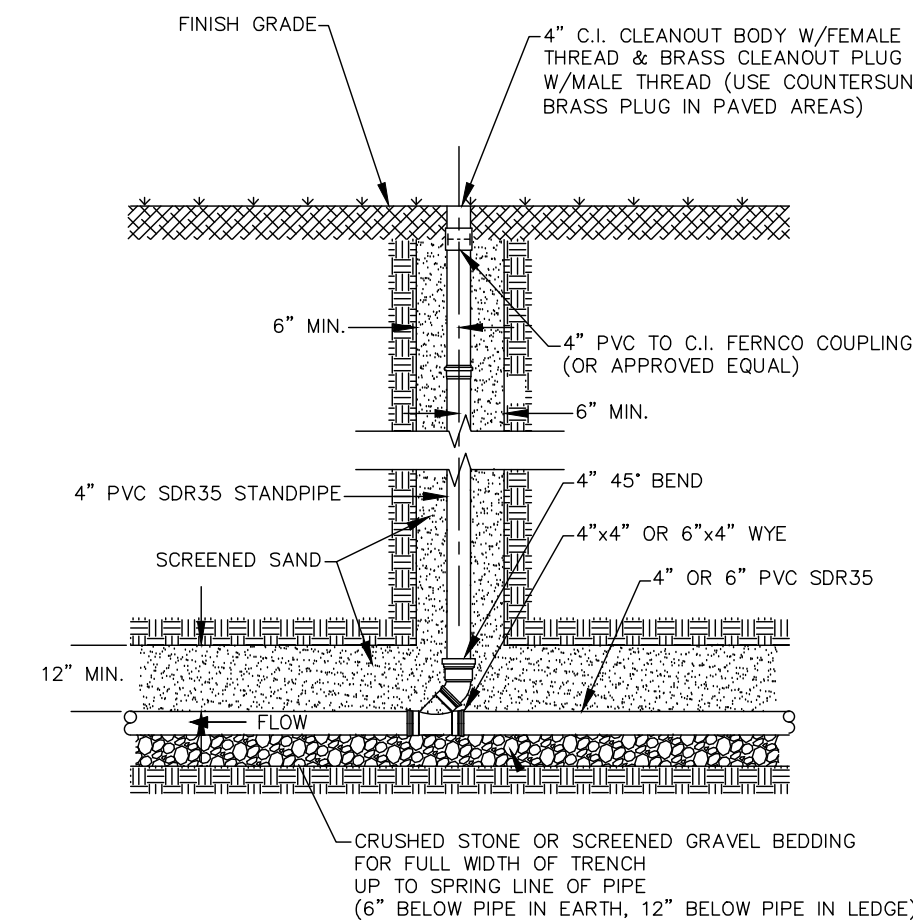
VERTICAL GRANITE CURB IN R.O.W.
NOT TO SCALE



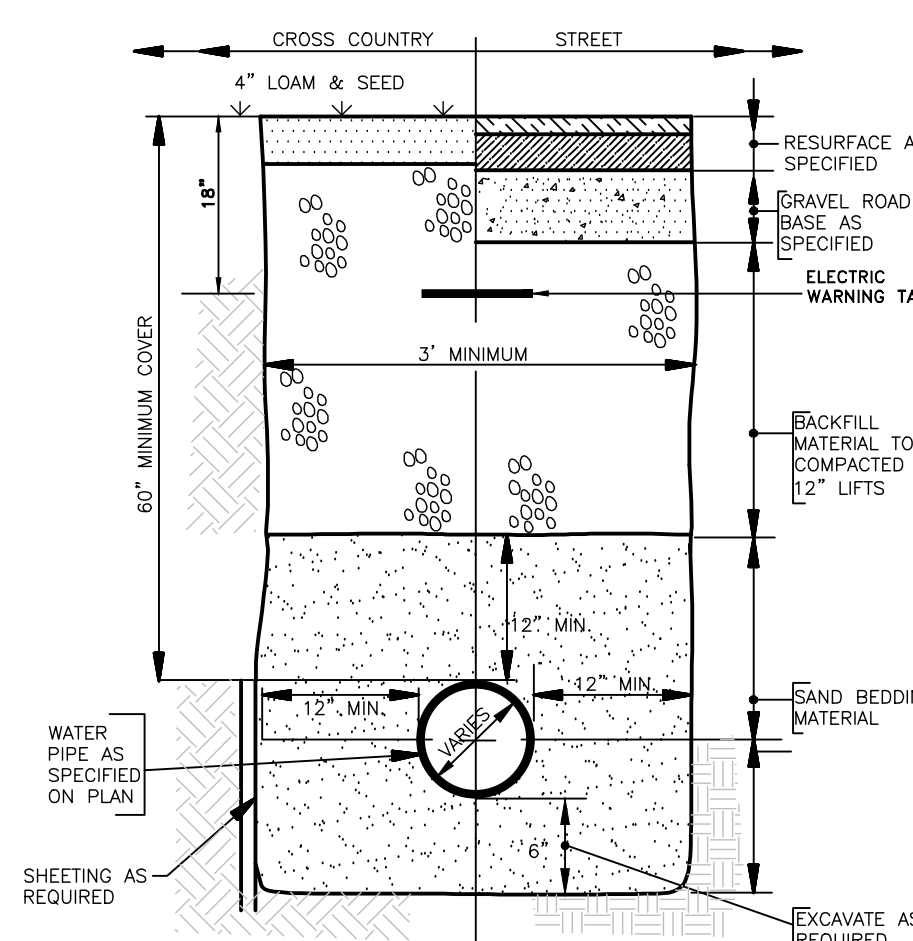
TYPICAL SERVICE CONNECTION



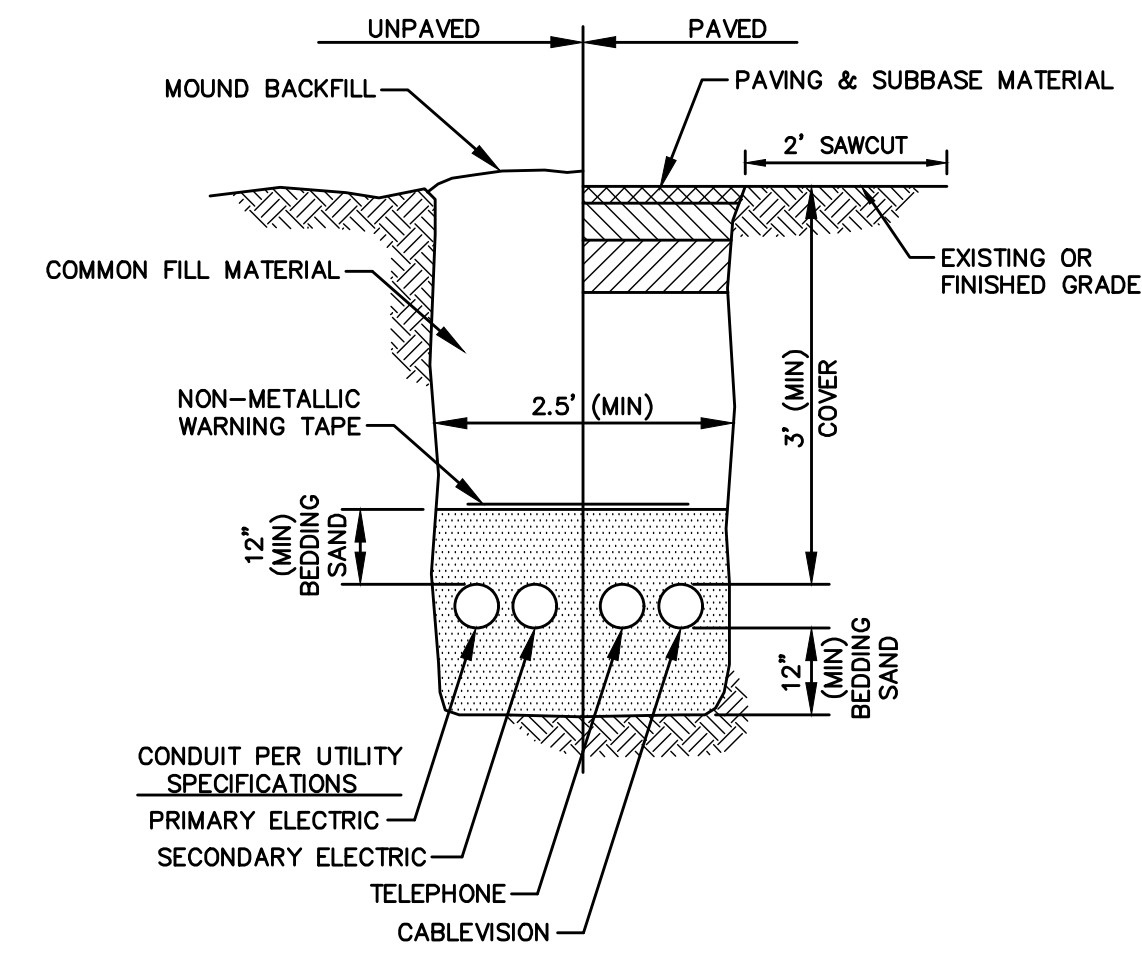
TYPICAL TRENCH SECTION FOR
SANITARY SEWER SERVICE WITH LESS
THAN 6' OF COVER



TYPICAL SEWER SERVICE CLEANOUT



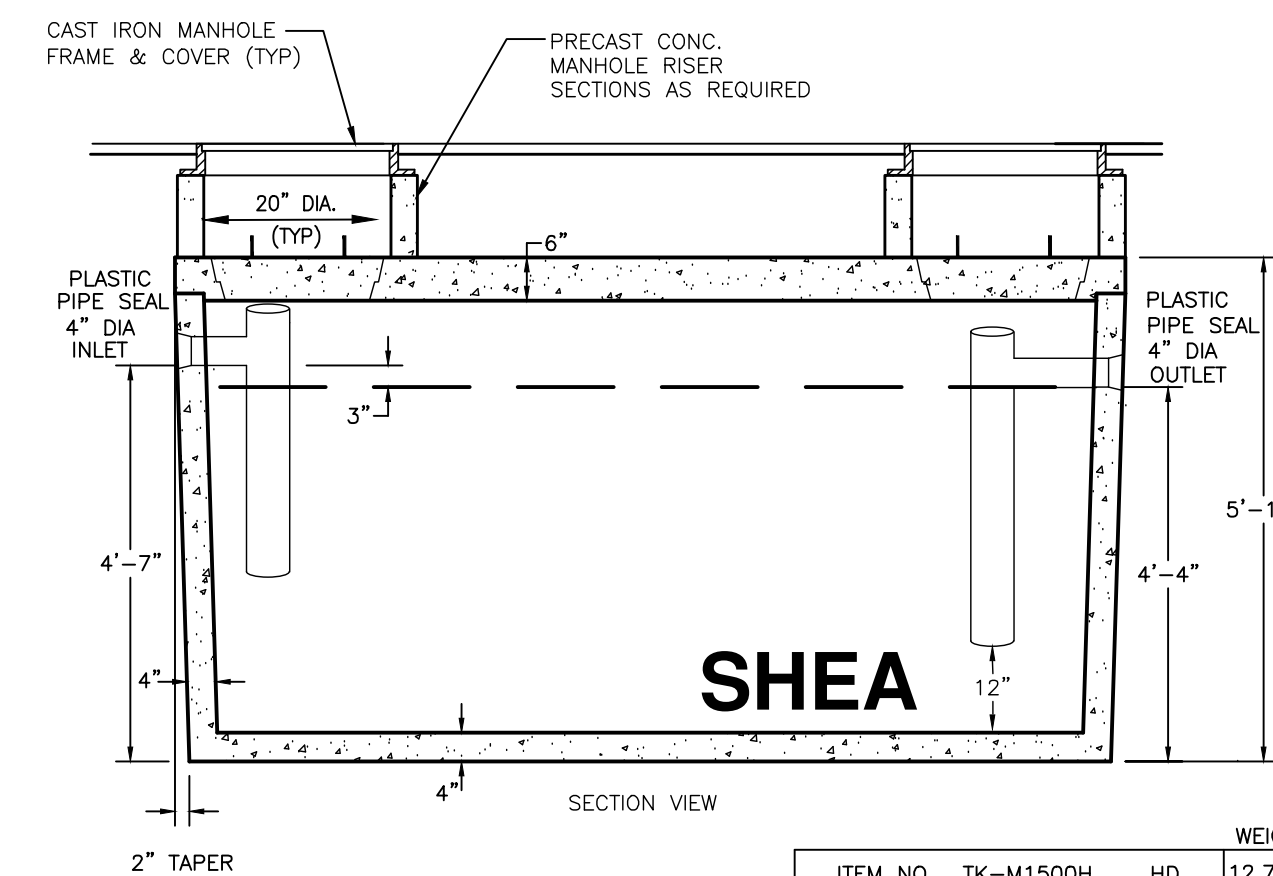
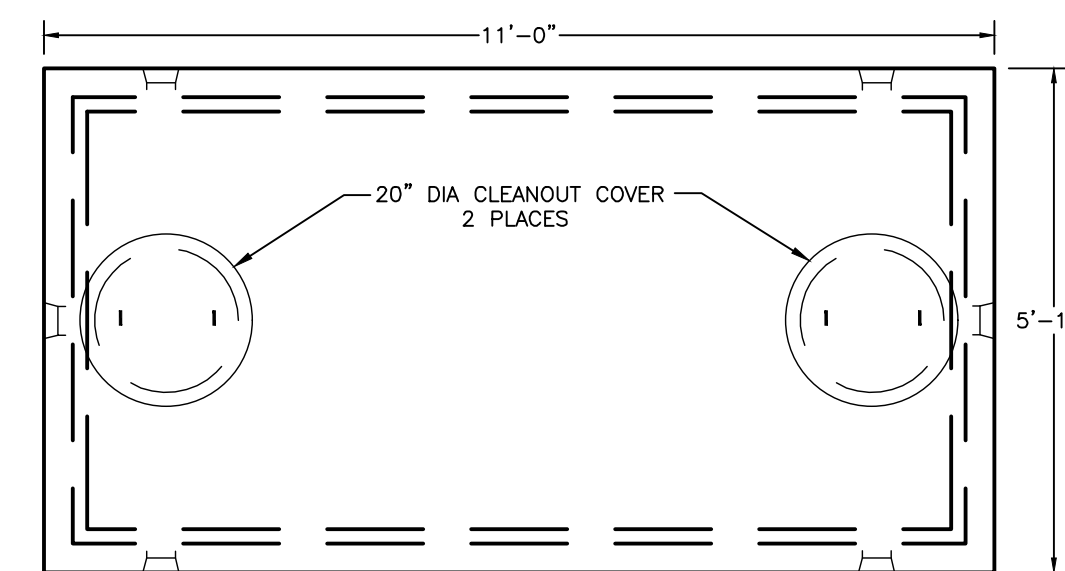
TYPICAL TRENCH SECTION FOR
WATER SERVICE



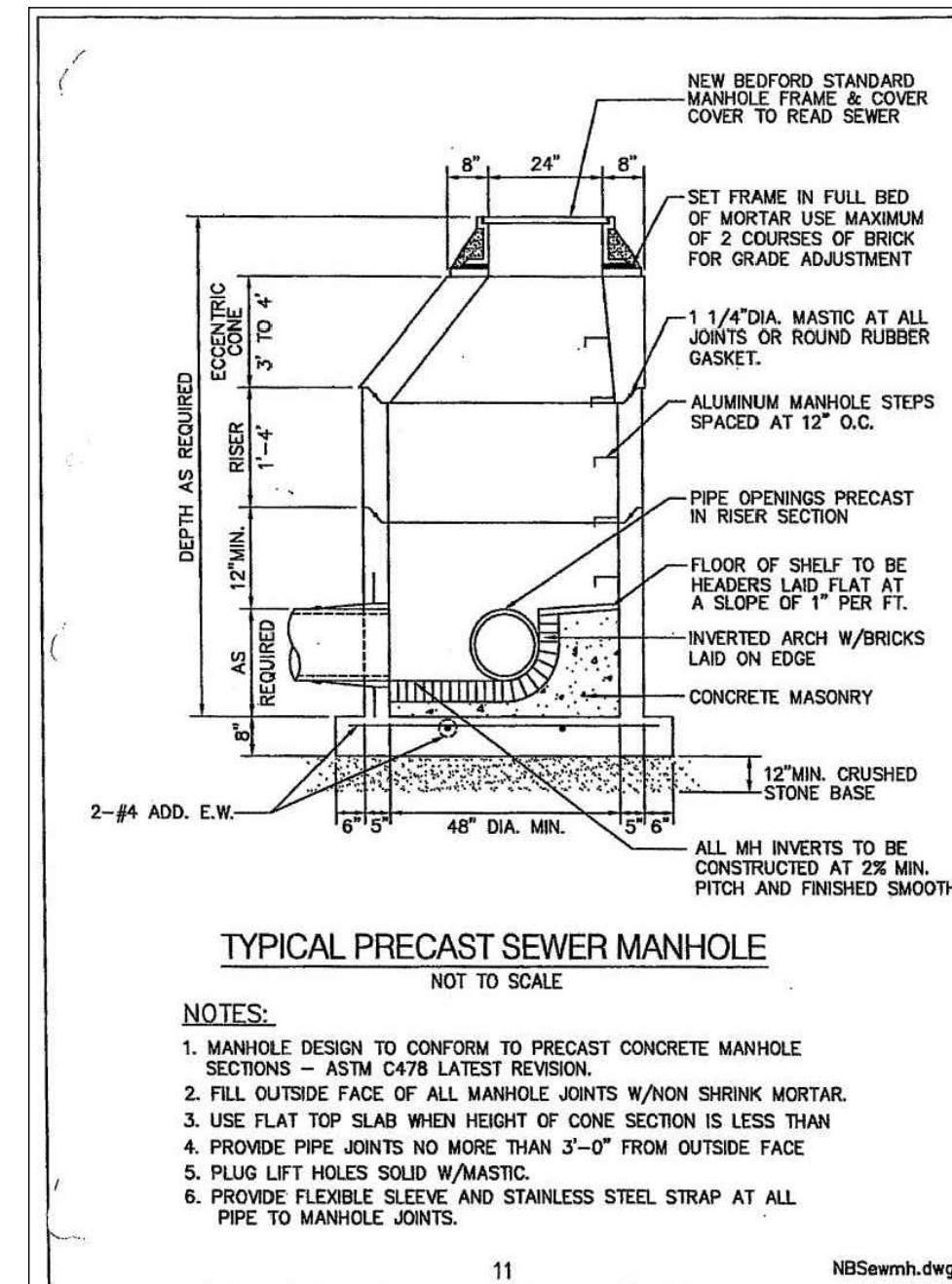
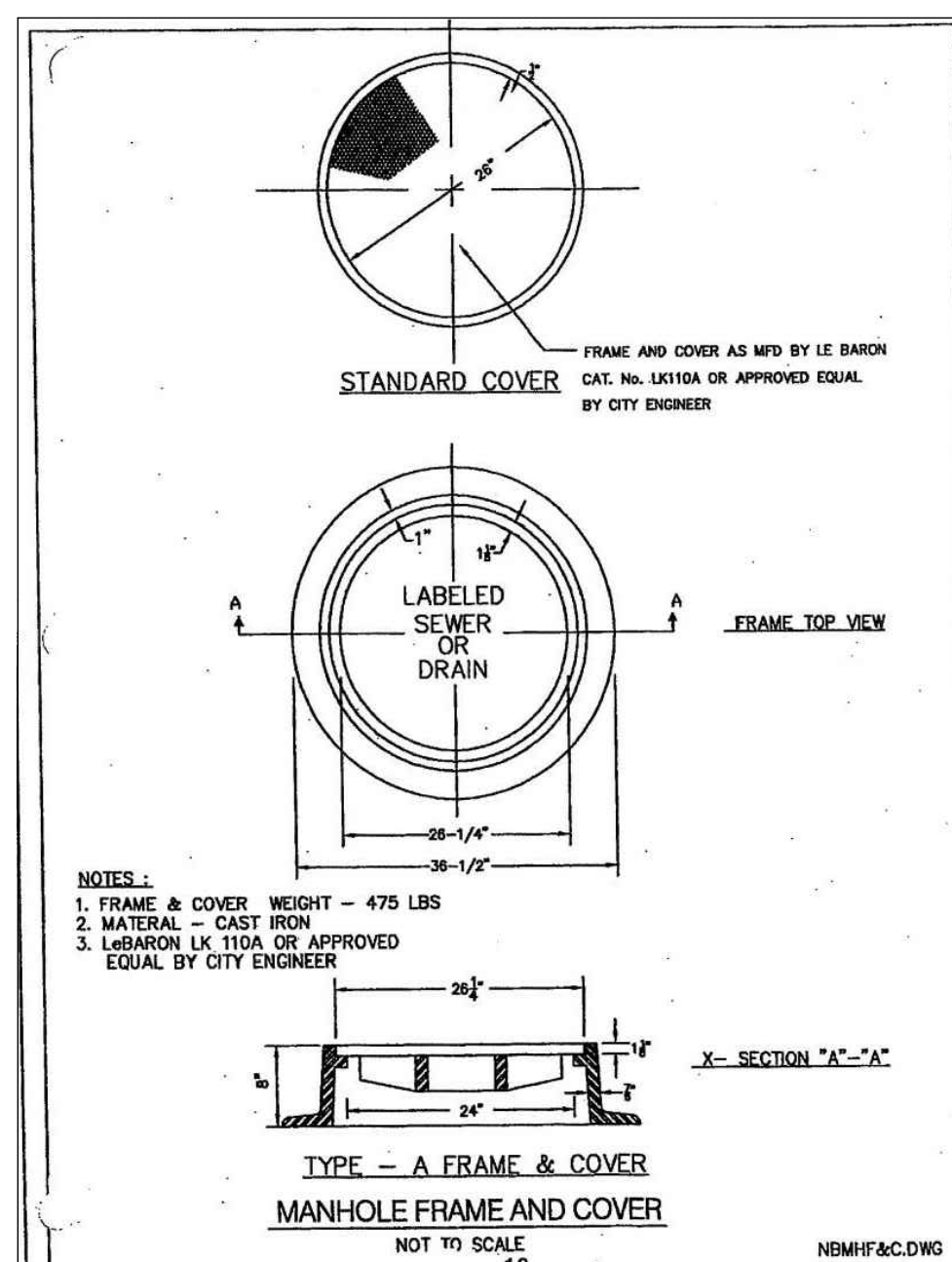
UTILITY TRENCH

For Restaurants:	Other Establishments with Commercial Kitchens:
(S) X (GS) X (HR/2) X (LF) = Effective Capacity of Grease Traps and Interceptors in Gallons	(M) X (GM) X (LF) = Effective Capacity of Grease Traps and Interceptors in Gallons
WHERE:	WHERE:
S = Number of Seats in Dining Area	M = Meals Prepared Per Day
GS = Gallons of Waste Water Per Seat:	GM = Gallons of Waste Water Per Meal (Use 5 Gallons)
HR = Number of Hours Restaurant is Open.	LF = Loading Factor
LF = Loading Factor	Use 1.00 with dishwashing machines and 0.75 without dishwashing machine.
Use 25 Gallons for Restaurants with China Dishes and/or automatic dishwashers	
Use 10 Gallons for Restaurants with Paper or Baskets and No Dishwashers.	
Loading Factors:	
Use 2.00 Interstate Highway,	
Use 1.00 Main Highway,	
Use 0.75 Other Highways	
Use 1.50 Other Roadways	
Use 1.25 Recreational Areas	

NOTE:
A) REQUIRED CAPACITY PER 248CMR 10.09 TABLE 2
 $44 \text{ SEATS} \times 10 \text{ GPD/SEAT} \times (17 \text{ HOURS}/12) \times 1.50 = 935 \text{ GALLONS}$
USE 1,500 GALLON GREASE TRAP.



1,500 GALLON GREASE TRAP DETAIL
(H-20 LOADING)
NOT TO SCALE



NOTES:

1. MANHOLE DESIGN TO CONFORM TO PRECAST CONCRETE MANHOLE SECTIONS - ASTM C478 LATEST REVISION.
2. FILL OUTSIDE FACE OF ALL MANHOLE JOINTS W/NON SHRINK MORTAR
3. USE FLAT TOP SLAB WHEN HEIGHT OF CONE SECTION IS LESS THAN
4. PROVIDE PIPE JOINTS NO MORE THAN 3'-0" FROM OUTSIDE FACE
5. PLUG LIFT HOLES SOLID W/MASTIC.
6. PROVIDE FLEXIBLE SLEEVE AND STAINLESS STEEL STRAP AT ALL PIPE TO MANHOLE JOINTS.