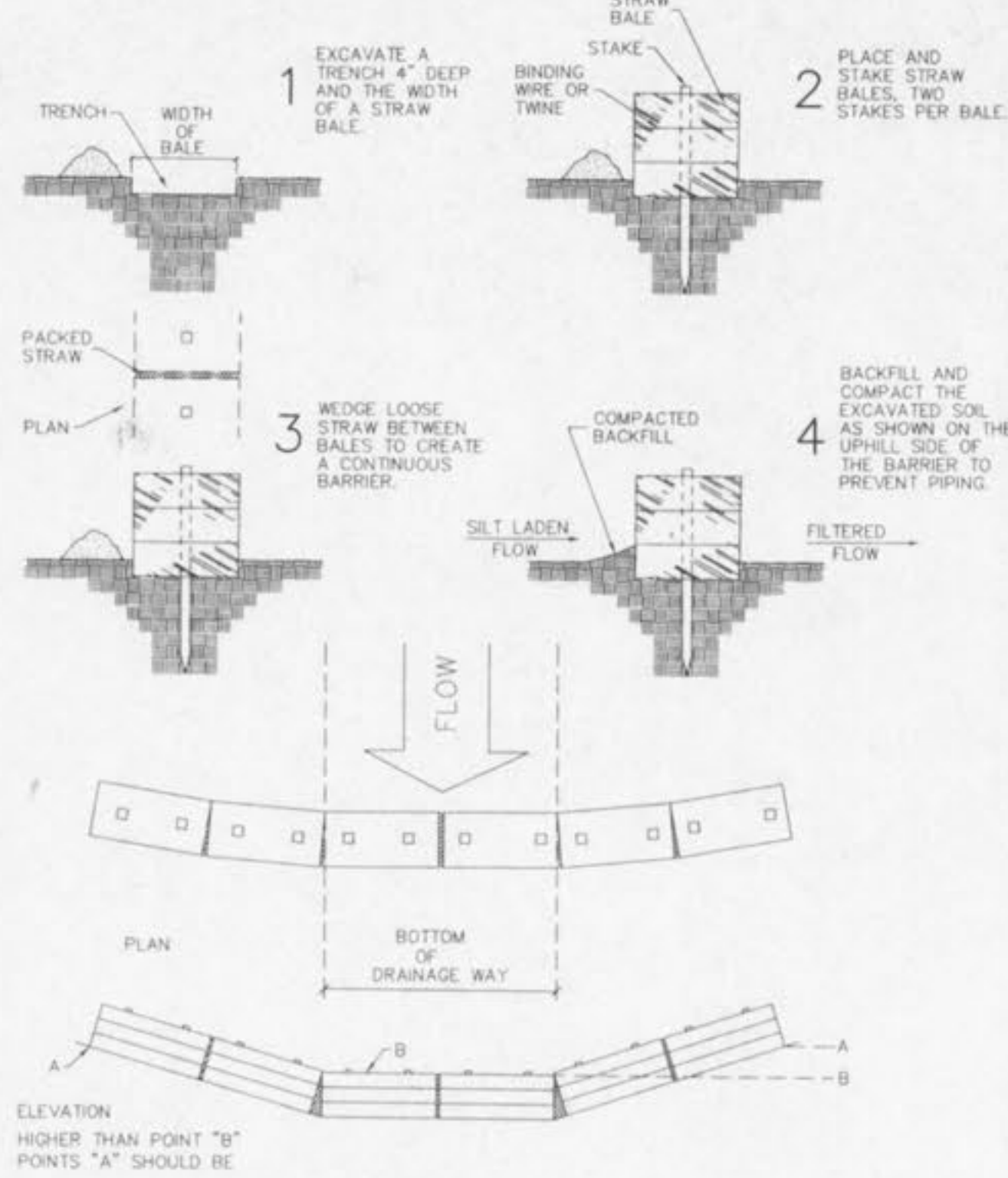


REVISED: 10-13-00 CITY
 REVISED: 11-02-00 CITY

STRAW BALES BARRIERS
 FOR URBAN DEVELOPMENT SITES
 APPENDIX C

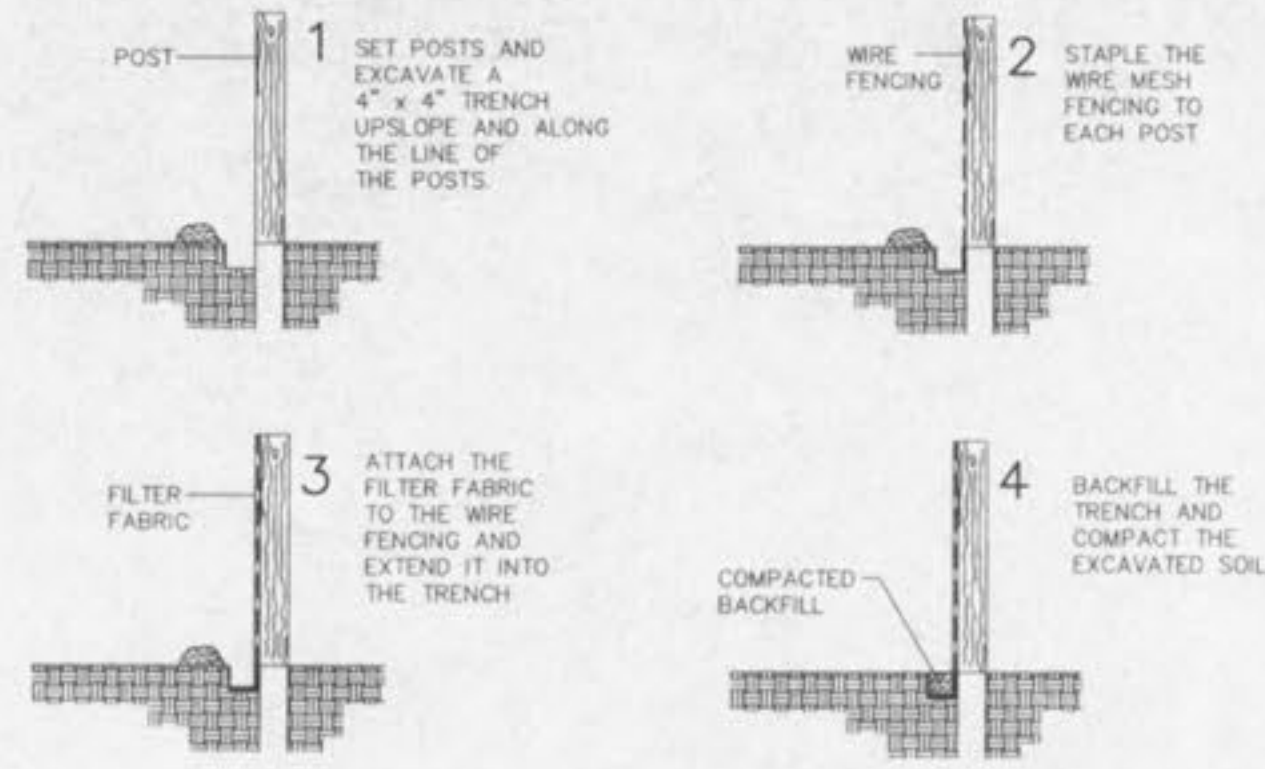
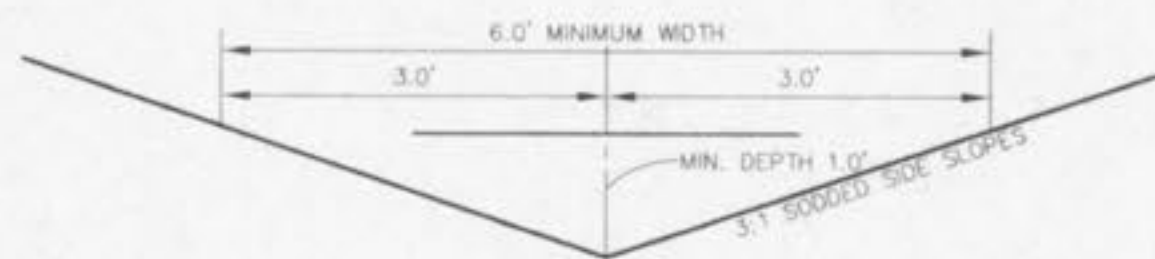


PLACEMENT AND CONSTRUCTION OF A STRAW BALE BARRIER
STRAW BALE DETAIL
 NOT TO SCALE

TYPICAL YARD SWALE

Maximum Discharge (Q) = 4.00 cfs
 Maximum Velocity (V) = 4.00 ft/sec
 N = 0.030 (grass)
 Maximum side slopes = 3 (horizontal) : 1 (vertical)

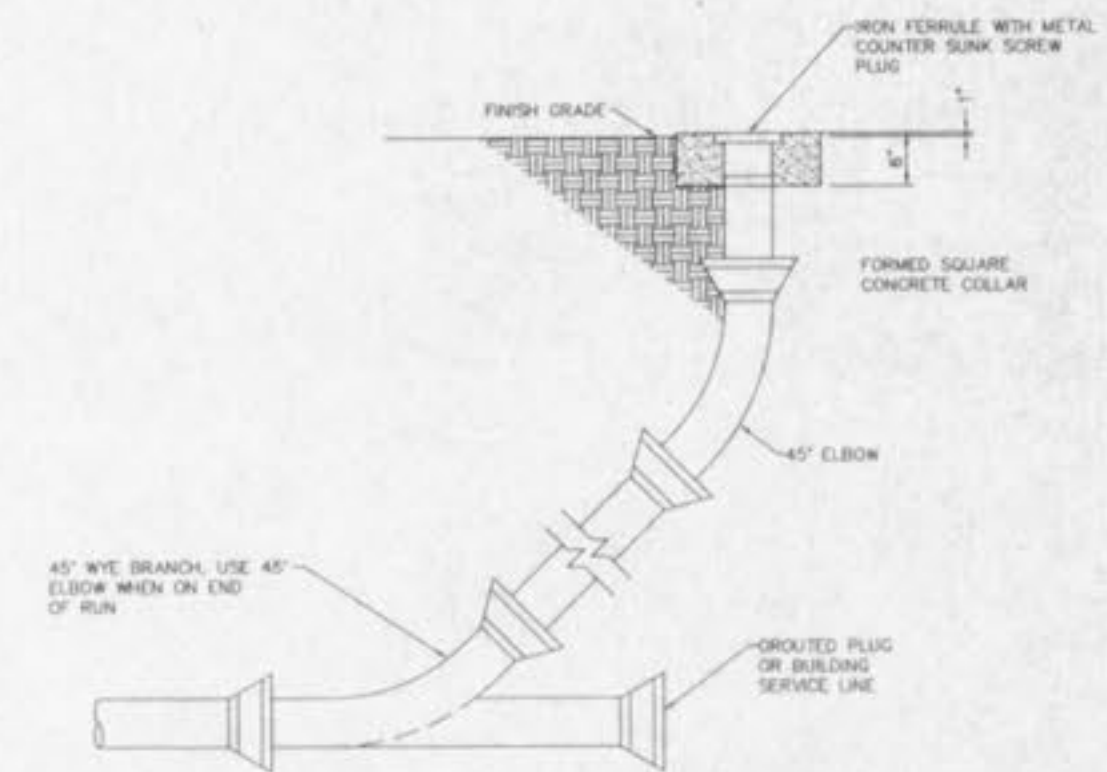
Longitudinal Slope (S)	Discharge (cfs)	Velocity (ft/sec)	Depth (ft)
0.5	4.00	1.89	0.84
1.0	4.00	2.46	0.74
2.0	4.00	3.12	0.65
3.0	4.00	3.71	0.60
4.0	3.51	4.00	0.54
5.0	2.51	4.00	0.46
6.0	1.91	4.00	0.40
7.0	1.52	4.00	0.36
8.0	1.24	4.00	0.32
9.0	1.04	4.00	0.29
10.0	0.89	4.00	0.24



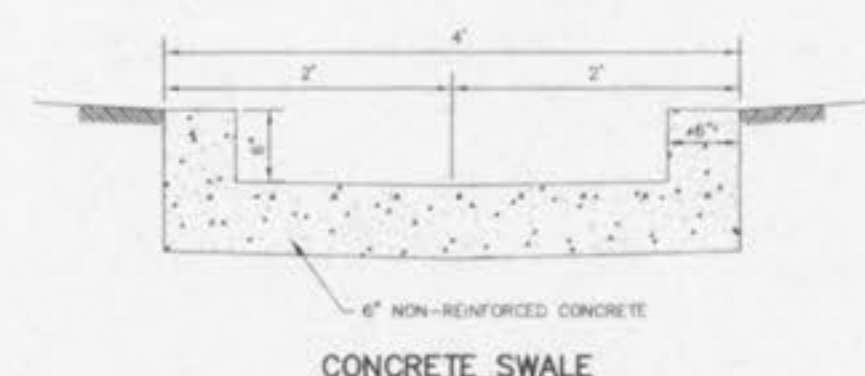
1. FILTER BARRIERS SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REQUIRED REPAIRS SHALL BE MADE IMMEDIATELY.
2. SHOULD THE FABRIC DECOMPOSE OR BECOME INEFFECTIVE PRIOR TO THE END OF THE EXPECTED USABLE LIFE AND THE BARRIER STILL BE NECESSARY, THE FABRIC SHALL BE REPLACED PROMPTLY.
3. SEDIMENT DEPOSITS SHOULD BE REMOVED AFTER EACH STORM EVENT. THEY MUST BE REMOVED WHEN DEPOSITS REACH APPROXIMATELY HALF THE HEIGHT OF THE BARRIER.
4. ANY SEDIMENT DEPOSITS REMAINING IN PLACE AFTER THE SILT FENCE OR FILTER BARRIER IS NO LONGER REQUIRED SHALL BE DRESSED TO CONFORM WITH THE EXISTING GRADE, PREPARED AND SEDED.



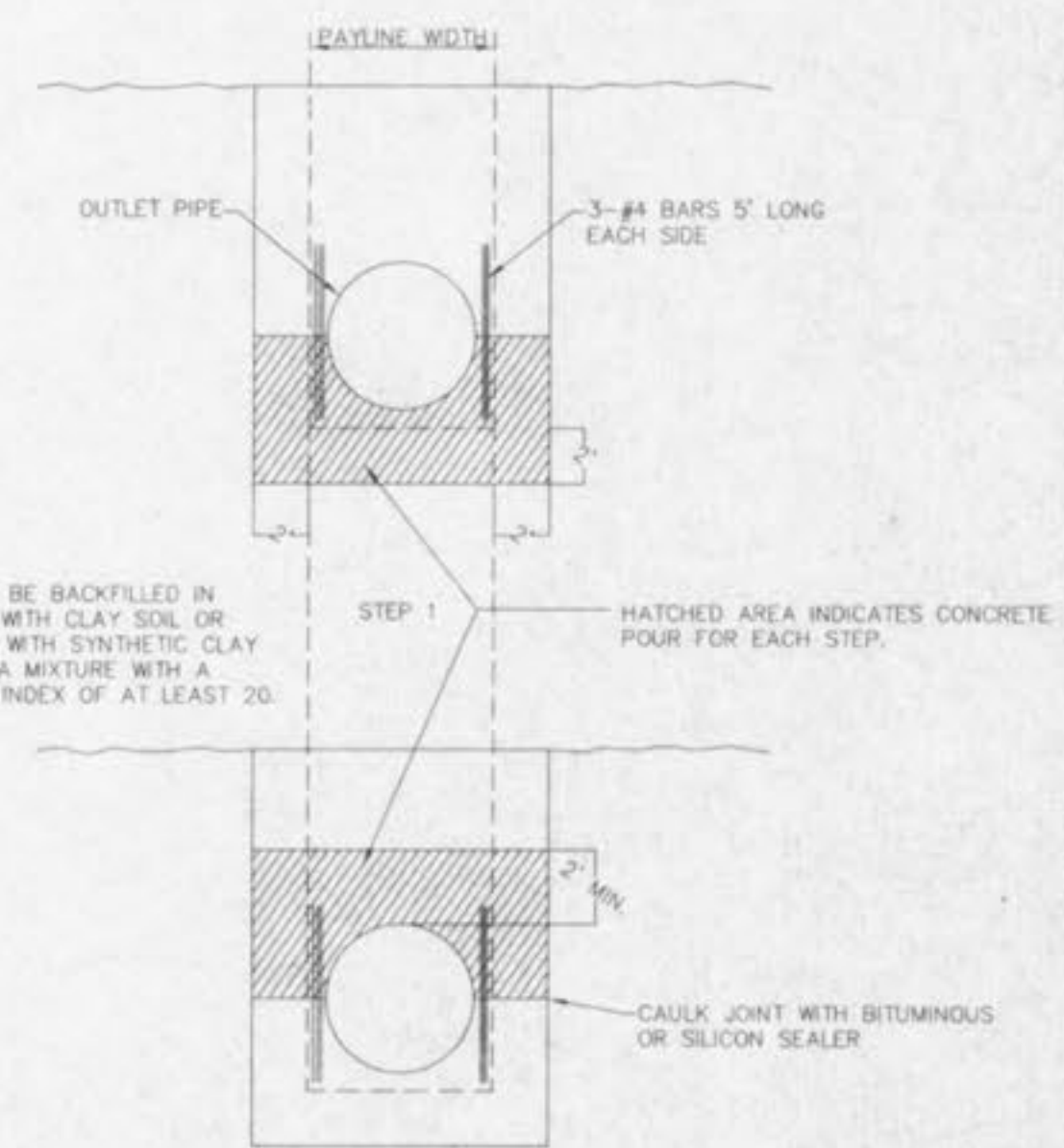
SILTATION FENCE DETAIL
 NOT TO SCALE



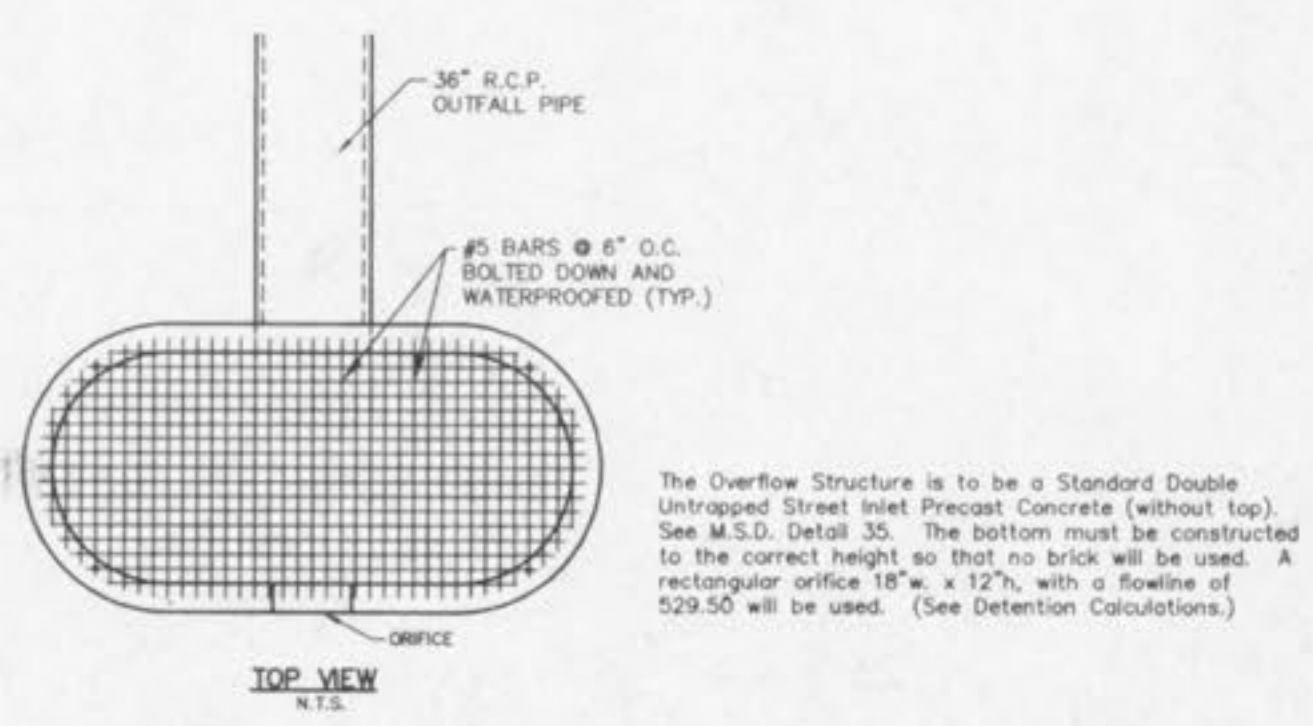
SEWER CLEANOUT
 NOT TO SCALE



CONCRETE SWALE

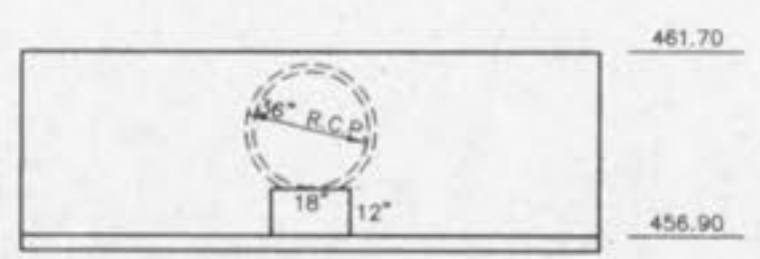


ANTI-SEEPAGE COLLAR
 NOT TO SCALE

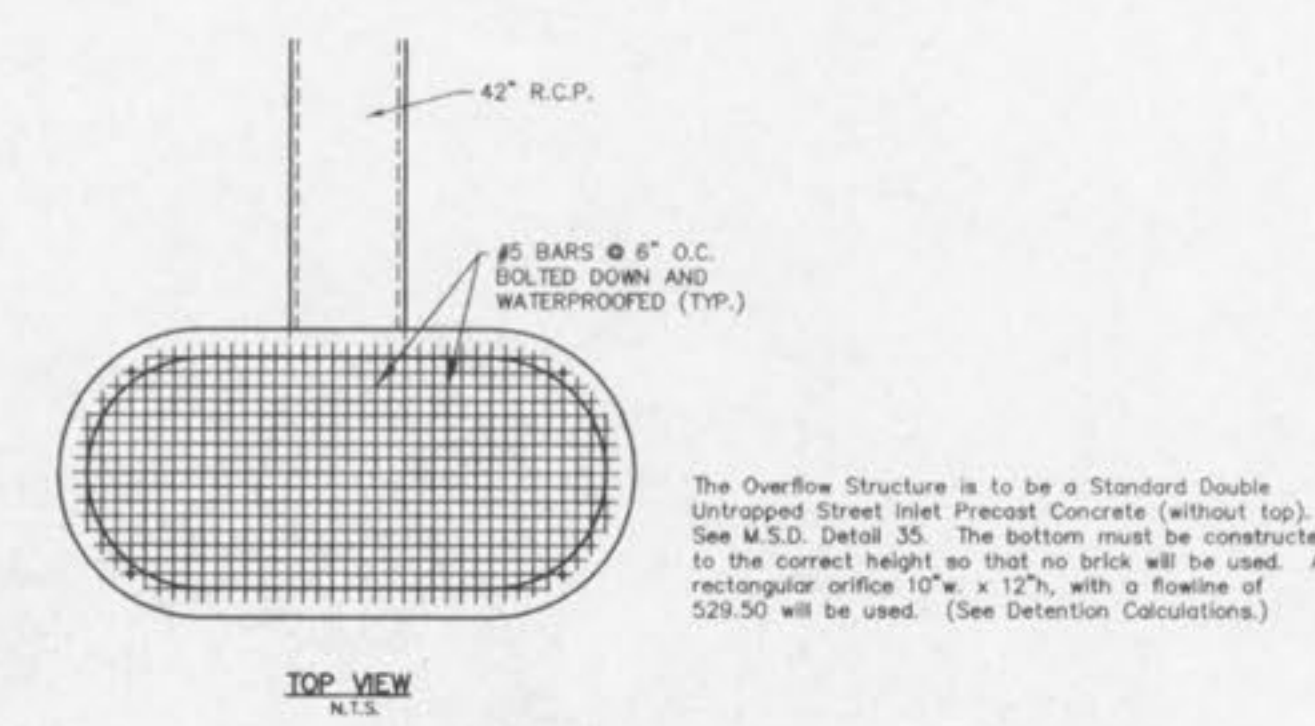


The Overflow Structure is to be a Standard Double Untrapped Street Inlet Precast Concrete (without top). See M.S.D. Detail 35. The bottom must be constructed to the correct height so that no brick will be used. A rectangular orifice 10" x 12", with a flowline of 529.50 will be used. (See Detention Calculations.)

TOP VIEW
 N.T.S.

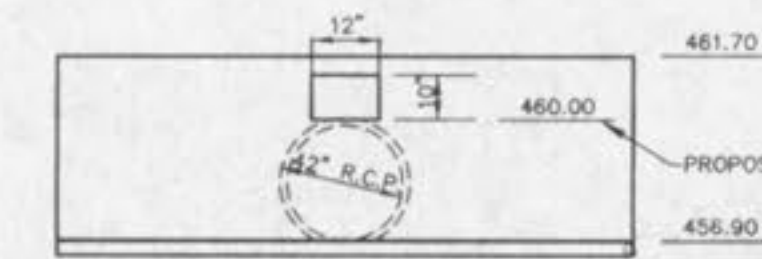


OVERFLOW STRUCTURE #101
 BASIN A
 N.T.S.



The Overflow Structure is to be a Standard Double Untrapped Street Inlet Precast Concrete (without top). See M.S.D. Detail 35. The bottom must be constructed to the correct height so that no brick will be used. A rectangular orifice 10" x 12", with a flowline of 529.50 will be used. (See Detention Calculations.)

TOP VIEW
 N.T.S.



OVERFLOW STRUCTURE #144
 LAKE B
 N.T.S.