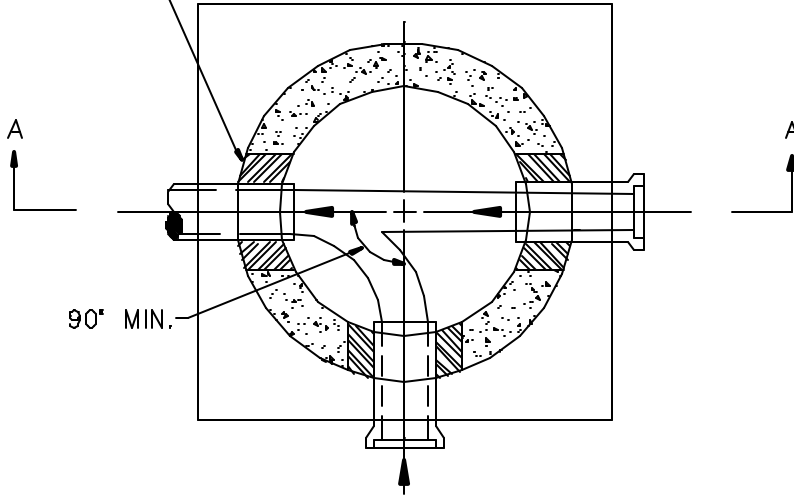


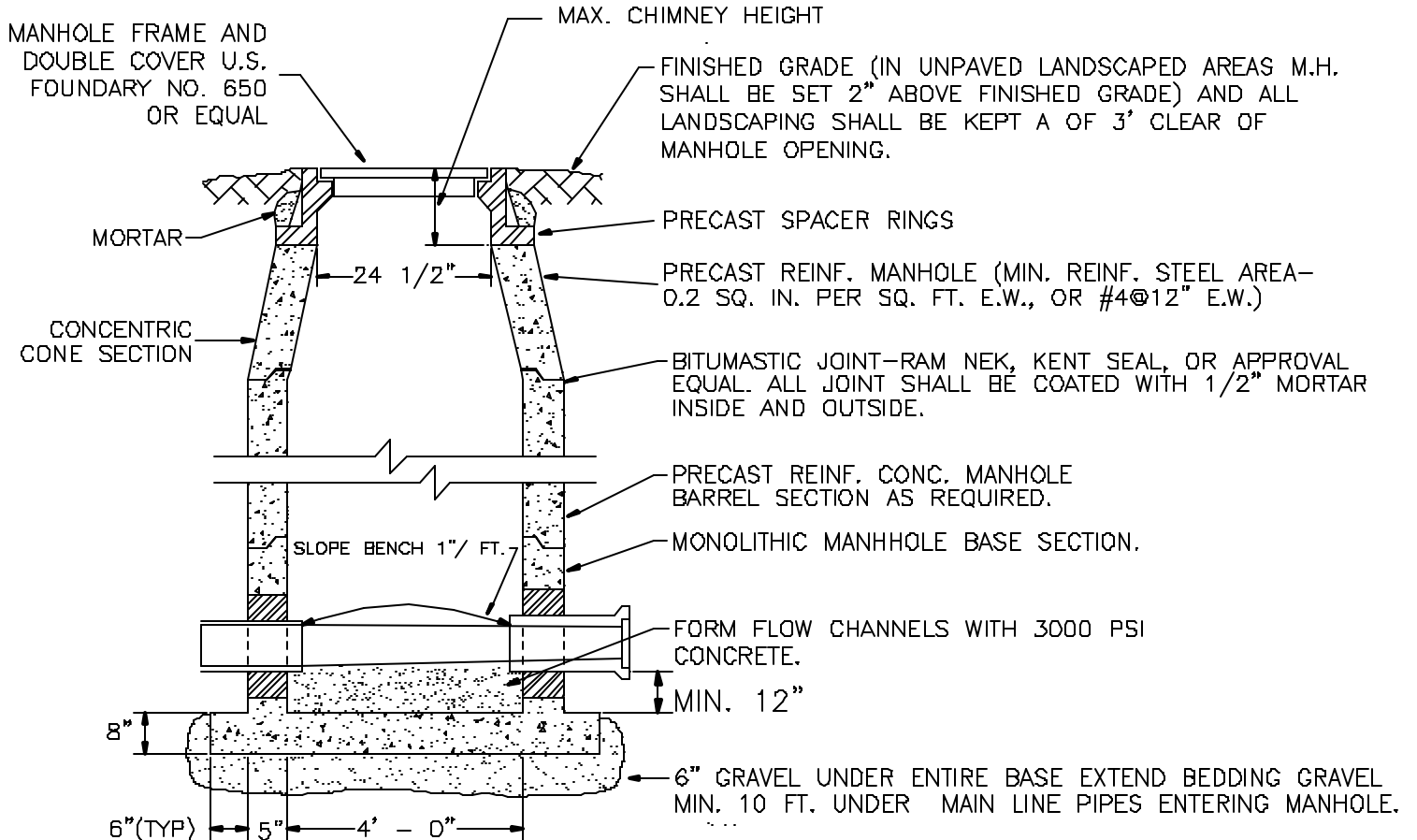
NOTE:

- 1) ALL HOLES FOR PIPES SHALL BE CAST INTO THE MANHOLES. OPENINGS REQUIRED ON ALL EXISTING MANHOLES SHALL BE CORED WITH APPROVED MACHINES.
- 2) WHEN INVERT DIFFERENTIALS BETWEEN PIPES ENTERING MANHOLES IS 2'-0" OR LESS, A "SLIDE" TYPE FLOW CHANNEL MAY BE CONSTRUCTED TO FORM A SMOOTH FLOW TRANSITION. WHEN TWO (2) OR MORE "SLIDE" ARE CONSTRUCTED IN A MANHOLE, THE MANHOLE I.D. SHALL BE 5'-0"
- 3) ALL MANHOLE SECTIONS TO BE COATED ON EXTERIOR AND INTERIOR WITH 15 MILS. OF BITUMASTIC BEFORE INSTALLED.
- 4) HDPE PLASTIC MANHOLES CAN BE USED IN LEIU OF CONCRETE.
- 5) NO THRU LIFT HOLES.
- 6) PRECAST CONCRETE MANHOLES SHALL CONFORM TO ASTM C-478, AND SHALL BE TYPE II ACID RESISTANT CONCRETE.

ALL PIPE OPENINGS SHALL HAVE RESILIENT PIPE TO MANHOLE SEALS PER A.S.T.M. C-923 NEOPRENE BOOT CONFORMING TO A.S.T.M. C-923



PLAN



STANDARD MANHOLE

N.T.S.