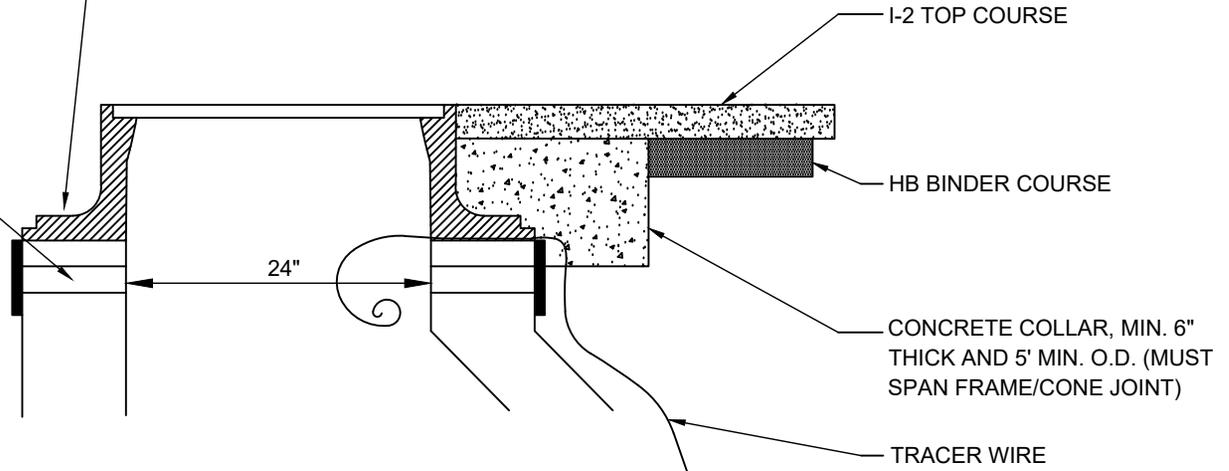


2 COURSES OF GRADE RINGS
 MAXIMUM IN ROADS ONLY. NO
 GRADE RINGS ALLOWED IN
 OFF-ROAD INSTALLATION.
 RINGS TO BE SET IN MASTIC.

- MANHOLE FRAME AND COVER (TYP.) (SEE APPROVED DETAIL)
- OFF ROAD: ANCHOR TO TOP WITH FOUR (4) STAINLESS STEEL EXPANSION BOLTS
 - IN ROAD: CONCRETE COLLAR BELOW FINISHED ROAD COURSE AND EMBEDDED IN GRAVEL BASE COURSE 6" THICK AND 5' MINIMUM O.D.
 - FRAME TO BE SET IN MASTIC.



MANHOLES TO BE PRECAST REINFORCED CONCRETE PER ASTM C478



EFFECTIVE: 10/01/16

CONCRETE COLLAR MANHOLE (PAVED AREA)

TOWN OF PITTSBORO

STANDARD CONSTRUCTION
 DETAIL

STANDARD NO: SS-04-001