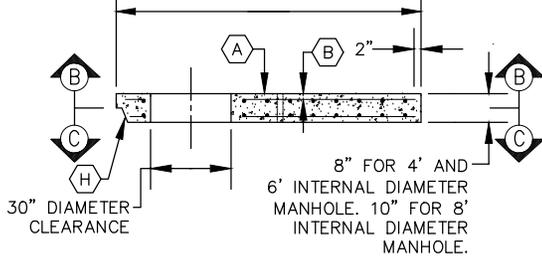
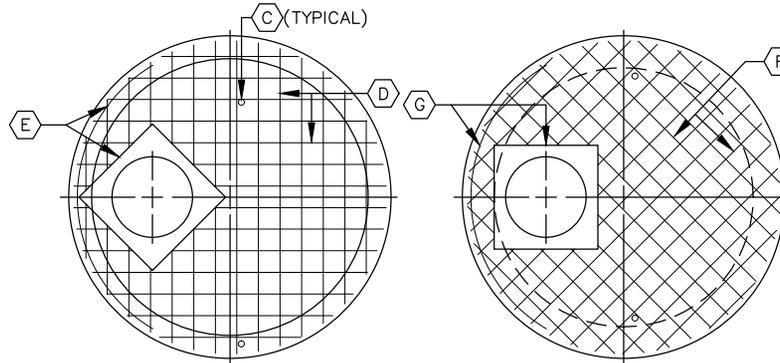


4'-10" FOR 4' INTERNAL DIAMETER MANHOLE
 7'-4" FOR 6' INTERNAL DIAMETER MANHOLE
 9'-4" FOR 8' INTERNAL DIAMETER MANHOLE



SECTION **A**
 ELEVATION

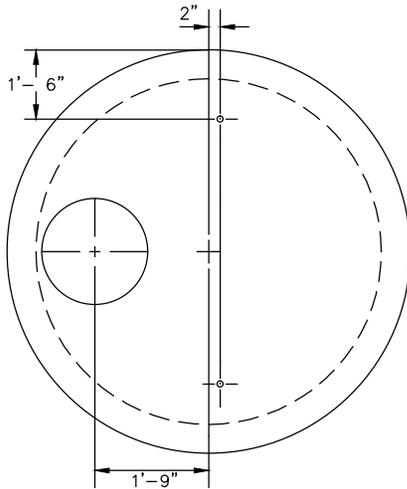


SECTION **B**
 TOP MAT

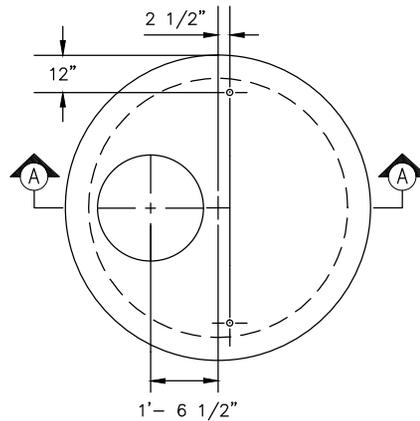
SECTION **C**
 BOTTOM MAT

KEYNOTES:

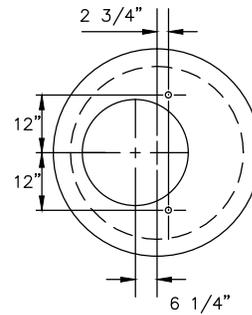
- A. PRECAST REINFORCED CONCRETE MANHOLE COVER.
- B. ALL BARS TO HAVE 1 1/2" MINIMUM COVER.
- C. 1" PIPE SLEEVE VERTICALLY THROUGH COVER.
- D. TOP MAT: NUMBER 4 BARS AT 6" ON CENTER EACH WAY FOR 4', 6', AND 8' INTERNAL DIAMETER MANHOLES.
- E. NUMBER 4 BARS.
- F. BOTTOM MAT: NUMBER 4 BARS 6" ON CENTER EACH WAY FOR 4' AND 6' INTERNAL DIAMETER MANHOLES, NUMBER 8 BARS 8" ON CENTER EACH WAY FOR 8' INTERNAL DIAMETER MANHOLES.
- G. NUMBER 4 BARS FOR 4' AND 6' INTERNAL DIAMETER MANHOLES. NUMBER 8 BARS FOR 8' INTERNAL DIAMETER MANHOLES.
- H. WHEN PRECAST MANHOLE SECTIONS ARE USED, THE COVER SHALL BE MODIFIED TO THE SHAPE AND SIZE OF THE PRECAST TONGUE AND GROOVE JOINT OF THE ATTACHING BARREL SECTION.



8' INTERNAL DIAMETER
 MANHOLE



6' INTERNAL DIAMETER
 MANHOLE



4' INTERNAL DIAMETER
 MANHOLE

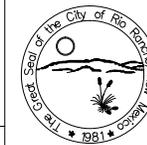
PLAN

CONSTRUCTION NOTES:

1. ALL MANHOLES 20' AND GREATER IN DEPTH WILL REQUIRE AN INTERMEDIATE LANDING. TYPE "C" MANHOLE COVERS MODIFIED TO PROVIDE BOTH UPPER AND LOWER TONGUE AND GROOVE JOINTS TO MATE WITH PRECAST CONCRETE TONGUE AND GROOVE BARREL SECTIONS MAY BE USED WITH THE APPROVAL OF THE CITY OF RIO RANCHO. DRAWINGS SHOWING THE PROPOSED INTERMEDIATE LANDING DESIGN SHALL BE SUBMITTED TO THE CITY OF RIO RANCHO FOR APPROVAL PRIOR TO INSTALLATION. ALL INTERMEDIATE LANDINGS SHALL INCLUDE A 30" DIAMETER ACCESS OPENING.
2. ALL PRECAST CONCRETE MANHOLE COMPONENTS SHALL COMPLY WITH AMERICAN SOCIETY FOR TESTING AND MATERIALS STANDARD C478 (CURRENT EDITION).
3. INTERMEDIATE LANDINGS SHALL BE LOCATED WITHIN 2 FEET (±) OF THE MIDPOINT HEIGHT OF THE MANHOLE. AT NO TIME SHALL AN INTERMEDIATE LANDING OR A SIZE ADJUSTMENT TOP BE INSTALLED CLOSER THAN 8" UP FROM THE INVERT OF THE MANHOLE.

DATE MODIFIED:

APRIL 2016



City of Rio Rancho
 Department of Public Works

MANHOLE COVER

DWG. NO. S-01

APRIL 22, 2016