GENERAL NOTES:

- 1. TYPE E M.H. NOT TO BE USED FOR DEPTHS LESS THAN 6' MEASURED FROM INV. TO RIM.
- 2. M.H. GREATER THAN 18' IN DEPTH SHALL BE OF PRECAST CONC. SECTIONS ONLY.
- 3. DESIGN APPLIES TO 4' AND 6' I.D. MANHOLES.
- 4. USE NON-SHRINK GROUT FOR JOINTS, FILLETS & PIPE PENETRATIONS.
- 5. COMPACT ALL BACKFILL AROUND M.H. TO 95%.
- 6. POSITION M.H. OPENING OVER THE UPSTREAM SIDE OF MAIN LINE.

CONSTRUCTION NOTES:

- A. CONCRETE PIPE SUPPORTS SHALL EXTEND OUTSIDE OF M.H. TO BELL OF FIRST JOINT AND SHALL CRADLE PIPE TO SPRING LINE.
- B. PIPE PENETRATION INTO MANHOLE SHALL BE FLUSH TO 2" MAX., MEASURED AT SPRINGLINE OF PIPE.
- E. USE MAX. 4 COURSES GR. MS BRICK ON UNPAVED STREET FOR FUTURE ADJ. OF FRAME TO PAVEMENT GRADE. PLASTER INSIDE WITH 1/2" MORTAR.
- F. BASE TO BE POURED IN PLACE USING NO. 4 BARS AT 6" O.C. EA. WAY FOR M.H. DEPTH OF 16' OR GREATER. NO. 4 BARS AT 12" O.C. EA. WAY FOR M.H. LESS THAN 16' DEEP.
- H. INV. ELEV. OF STUB OR LATERAL AS SHOWN ON PLANS.
- J. 6" GROUT FILLET ON UPPER HALF OF PIPE AND AROUND BASE.
- K. USE A 5' X 5' CONCRETE PAD IN ALL AREAS.
- L. M.H. FRAME AND COVER, SEE DWG. 2110.
- M. CONCRETE FILL, 3000 PSI.
- N. SLOPE 1" PER FT. FROM PIPE CROWN.
- P. SHELF TO BE 9" WIDE MIN.
- Q. APPROVED WATERSTOP TO BE WITH TYPE OF PIPE.
- S. EMD (IN UNPAVED AREAS).
- T. IN UNPAVED AREAS SET FRAME TO GRADE AND SLOPE TOP OF PAD.

| City of Rio Rancho-Public Infrastructure Department | | | |
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| APPROVED BY: R. Carroll DATE: 7/15/08 | STANDARD | CONCRETE MANHOLE | |
| PUBLIC INFRASTRUCTURE DEPARTMENT ENGINEERING DIVISION DATE: 7/91 REV.: 7/08 | | STANDARD DRAWING S-3 (2 OF 2) | |