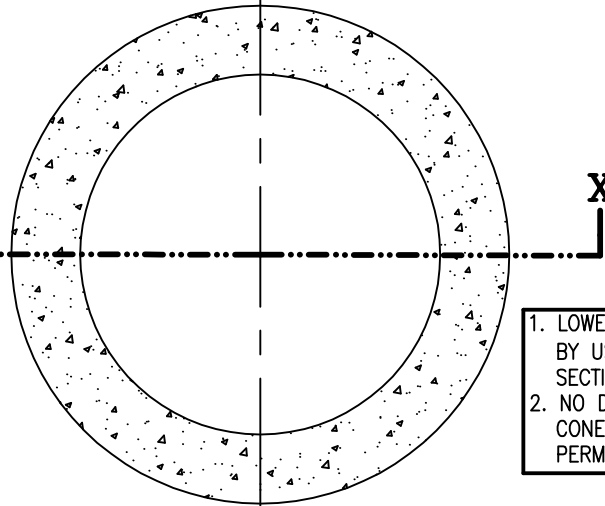


\* OTHER SIZES OF GRADE RINGS MAY BE USED UPON APPROVAL BY SSSD

SECTION X-X



TOP VIEW

TYPICAL GRADE RINGS

CONSTRUCTION NOTES

1. ALL RINGS, BARRELS, CONES, & GRADE RINGS SHALL BE PRECAST & CONFORM TO APWA D-306, ASTM C-478, & AASHTO M-199.
2. PRECAST GRADE RINGS SHALL BE GROUTED IN PLACE & SET SO THAT MANHOLE COVER IS  $\frac{1}{4}$ " TO  $\frac{1}{2}$ " BELOW ROAD GRADE IN PAVED AREAS.

LOWERING MANHOLES

1. LOWERING MANHOLES SHALL BE ACCOMPLISHED BY USING SHORTER BARREL AND/OR CONE SECTION FOR THE MANHOLE
2. NO DRILLING, CHISELING, OR CHIPPING OF CONE SECTION OR GRADE RINGS WILL BE PERMITTED UNLESS FIRST APPROVED BY SSSD.

TRACER WIRE TO BE LODGED BENEATH TOP GRADE RING W/ A 12" MIN. LOOP THAT CAN BE ACCESSED FROM THE TOP. NO DRILLING ALLOWED IN GRADE RINGS OR CONE SECTIONS.

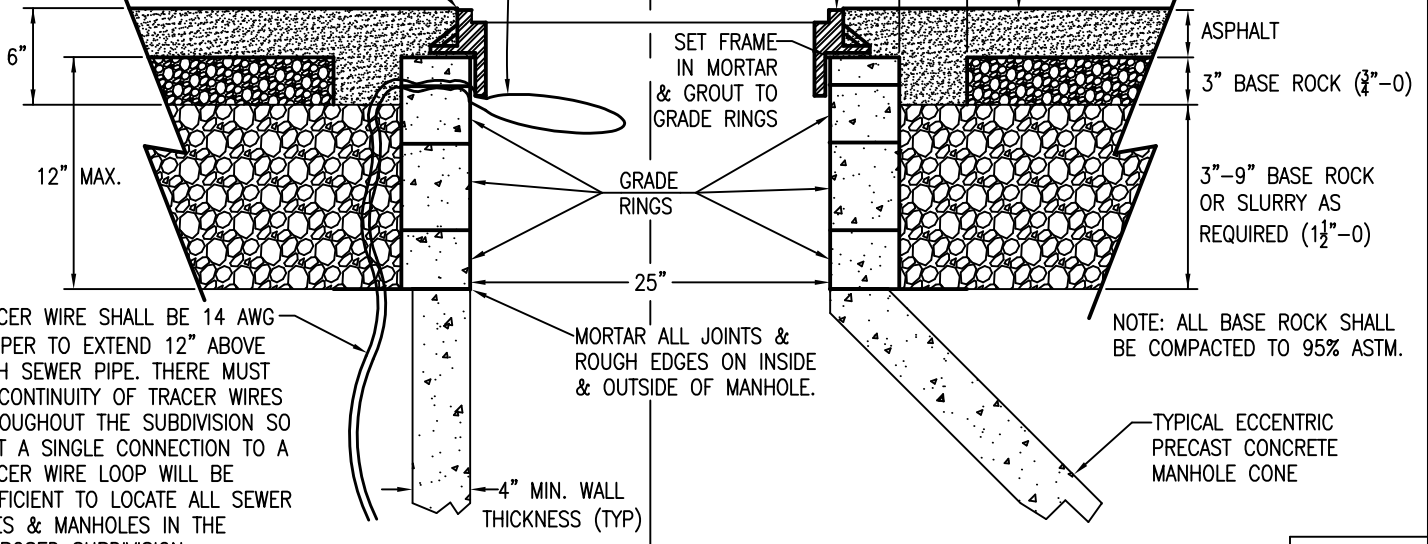
(SEE SSSD SD-3 FOR SPLICED CONNECTIONS)

RECESS FRAME  $\frac{1}{4}$ " TO  $\frac{1}{2}$ " BELOW FINISHED ASPHALT

FRAME & COVER (SEE SSSD DWG. SD-1)

6" ASPHALT FILL

FOR ASPHALT THICKNESS MATCH EXISTING PAVEMENT. FOR NEW PAVEMENT SEE RELATED ROADWAY PLANS.



SCALE: N.T.S.

**SOUTH SUBURBAN SANITARY DISTRICT**

Drawn By: MDR  
Adkins Consulting Engineers, Inc.

Approved By SSSD Manager:  
*Bob McDaniel*

**MANHOLE  
ADJUSTMENT**

Date: JANUARY 2006

Dwg. No.: **SD-4**