

06SR053

REPLACE GRASS & LANDSCAPING  
TO MATCH PRECONSTR.  
CONDITIONS.

CASTING & RING AS  
PER SPECIFICATIONS

CENTER OPENING  
OVER OUTLET PIPE

INTERNAL CHIMNEY  
SEAL AS PER  
SPECIFICATIONS

SET CHIMNEY  
ADJUSTING RINGS  
AS PER SPECIFICATIONS

2" OR 4"  
ADJUSTING  
RINGS (TYP)

27" DIA.

PRECAST CONCRETE  
MANHOLE W/ECCENTRIC CONE

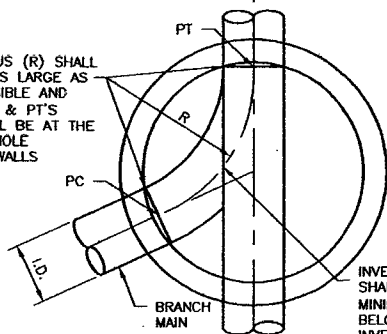
NEOPRENE O-RING TYPE  
GASKET

U - SHAPED CHANNEL  
EQUAL TO PIPE I.D.  
1:10 TO VERTICAL, TYP

1' TYP

4" MINIMUM TYPE 1  
BEDDING MATERIAL

RADIUS (R) SHALL  
BE AS LARGE AS  
POSSIBLE AND  
PC'S & PT'S  
SHALL BE AT THE  
MANHOLE  
SIDEWALLS



INVERT ELEVATION  
SHALL BE A  
MINIMUM 0.05'  
BELOW BRANCH  
INVERT IN OR NOT  
LESS THAN THE PIPE  
SLOPE OF THE  
BRANCH IN

#### NOTES:

1. PC'S & PT'S ARE TO BE WITHIN THE MANHOLE.
2. ALL INVERTS TO BE U-SHAPED CHANNEL EQUAL TO PIPE I.D. AND SHALL BE CONSTRUCTED WITH SWEEPS.
3. A MINIMUM RADIUS (R) OF 2.5 TIMES THE I.D. OF THE BRANCH MAIN IS REQUIRED FOR ALL SWEEPS. IF THE 2.5 TIMES THE I.D. OF THE BRANCH CAN'T BE MET, A LARGER DIAMETER MANHOLE SHALL BE REQUIRED. SEE DETAIL SHEET 9-3.
4. MANHOLE PIPE CONNECTOR SHALL BE A RESILIENT WATER TIGHT SEAL.