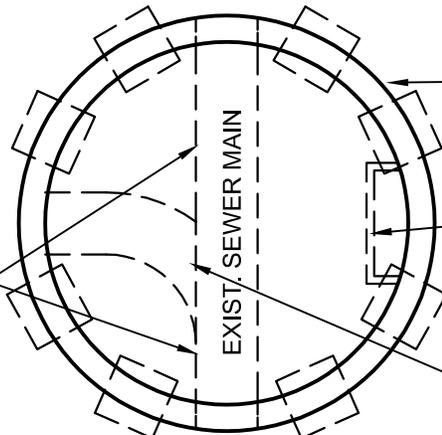


CARRY CHANNELS UP VERTICALLY TO $\frac{3}{4}$ PIPE THEN ROUND TO FULL PIPE DIA. HEIGHT. BENCHES TO SLOPE $\frac{1}{2}$ " PER FOOT.



PRECAST CONC. "U" SHAPED BASE SECTION

STEP/ LADDER LOCATION PER STANDARD PLAN NO. 19

SET INVERT .1' TO .2' HIGHER THAN EXISTING I.E.

PLAN

4" MIN. 16" MAX. POLYURETHANE JOINT SEALER/ADHESIVE REQUIRED TO SEAL ADJUSTMENT RISERS.



FINISH ASPHALT

24"x48" ECCENTRIC CONE SECTION

INFRA-RISER COMPOSITE ADJUSTMENT RISERS REQUIRED. DO NOT GROUT ADJUSTMENT RISERS.

GROUT INSIDE SEAM AT ALL RISER JOINTS W/ APPROVED NON-SHRINK GROUT

PRECAST CONC. RISER SECTION

48" INSIDE DIAMETER "U" SHAPE BASE SECTION

GROUT AREA BETWEEN BASE AND PIPE WITH CONC. BRICK AND NON-SHRINK GROUT PRIOR TO PLACEMENT OF CONC. BASE SLAB

COAT PVC PIPE W/ PVC GLUE AND APPLY DRY SILICA SAND WHERE CONC. OR GROUT WILL CONTACT THE PIPE

PRE-MIX CONCRETE SEE NOTE 2.

4"x8"x8" SOLID CONCRETE BLOCKING

FOUNDATION GRAVEL 6" MIN. COMPACTED DEPTH

6" MIN.

UNDISTURBED EARTH

SECTION

NOTES:

1. ALL APPLICABLE DETAILS & NOTES FROM STANDARD PLAN 2 (STANDARD MH DETAIL) APPLY TO SADDLE MH.
2. 3000 PSI PRE-MIX CONCRETE W/ AIR-ENTRAINMENT SHALL BE PLACED FROM 6" (MIN.) UNDER SEWER MAIN TO FINISH BENCH HEIGHT. CHANNELING SHALL BE COMPLETED AT TIME OF PLACEMENT. THIN OVERLAY OF GROUT IN CHANNELS NOT ALLOWED.
3. TOP OF PIPE NOT TO BE CUT OUT UNTIL AUTHORIZED BY THE DISTRICT.



Woodinville
Water District

SADDLE MANHOLE
DETAILS



SEWER STD.
PLAN NO. 3

REVISION DATE
04/25