

INSTALL CONCRETE OR ASPH COLLAR PER STD. PLAN 21 IF MH OUT OF PAVING.

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

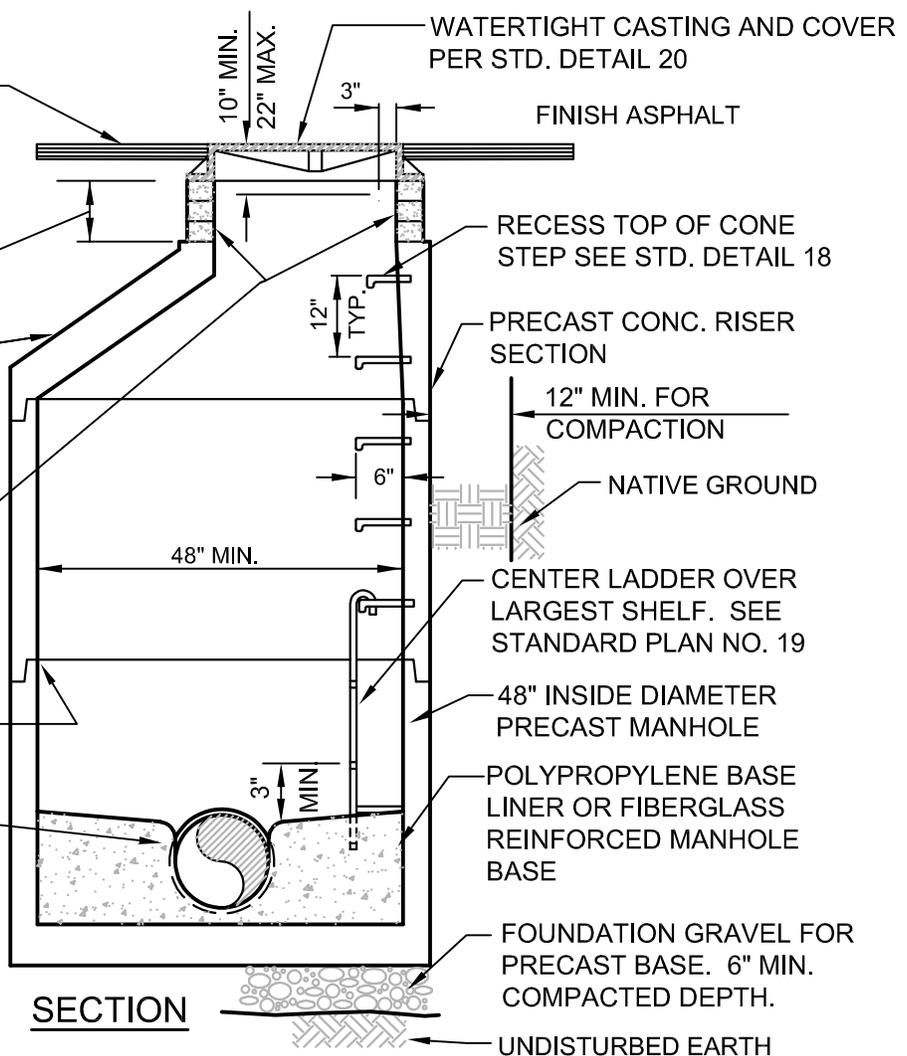
24"x48" ECCENTRIC CONE SECTION

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

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

CONNECTION WITH KOR-N-SEAL BOOT OR BELL

CLEAN GROUT AND DEBRIS OFF RING AND COVER, STEPS, BENCHES, AND CHANNEL



NOTES:

1. MANHOLES SHALL BE WATERTIGHT IN AREAS OF HIGH GROUND WATER. RISER SEAMS, PICK HOLES AND ADJUSTMENT RINGS (MH NECK) SHALL BE SEALED FROM THE OUTSIDE WITH EXTERNAL JOINT WRAP, AFTER GROUTING AND PRIOR TO BACKFILL.
2. MANHOLE COVER TO CONFORM TO FINISH SLOPE ELEVATION. SLOPE ASPHALT PAD AWAY FROM COVER TO PREVENT PONDING.
3. EXCAVATE BEYOND MH LOCATION TO PROVIDE CLEARANCE FOR COMPACTION EQUIPMENT.
4. PIPE PENETRATIONS IN MH'S SHALL BE CORED. MIN. FALL FROM INLET TO OUTLET - 0.1'. PROVIDE ADDITIONAL FALL FOR STEEPER RUNS. MATCH CROWN ELEV. OF SIDE SEWERS TO HIGHEST MAINLINE PENETRATION.
5. MAXIMUM PIPE SIZE LIMITED BY INLET AND OUTLET LOCATIONS INTO MANHOLE. SEE CONSTRUCTION PLANS FOR SIZE AND LOCATION.
6. 15" MAX. INLET SIZE ON 48" DIA. MANHOLES.
7. WHERE IDENTIFIED ON THE PLANS OR DIRECTED BY THE DISTRICT, MH WALLS SHALL BE COATED WITH EPOXYTEC CPP (SPRAYABLE) OR APPROVED EQUAL AS DETERMINED BY THE DISTRICT.
8. 2' HIGH (MAX.) CONE REQUIRED ON MH'S LESS THAN 8' FROM RIM TO INVERT.
9. MANHOLE BASES SHALL BE EITHER FIBERGLASS REINFORCED OR POLYPROPYLENE BASE LINER OR APPROVED EQUAL AS DETERMINED BY THE DISTRICT.



Woodinville
Water District

STANDARD MANHOLE
DETAILS



SEWER STD.
PLAN NO. 2

REVISION DATE
04/25