NOTES:
1. CONCRETE ENCASEMENT SHALL BE CLASS II TYPE III MIN 6" THICK ALL AROUND DROP.
2. DIAMETER OF DROP SHALL MATCH LINE PIPE DIAMETER.

SEE TYP MANHOLE DETAIL SS-3
NYLON COATED STEEL STEPS @ 16" O.C.
STANDARD "Y" FITTING
STANDARD 45° ELBOW
SPECIAL 90° ELBOW

INCLUDE "Y" NECK

BOTTOM SECTION PLACED W/ MANHOLE BASE

#4 REBAR @ 12" O.C. EACH WAY
NOTES:
1. BARREL DIAMETER SHALL CONFORM TO THE TABLE ABOVE.
2. FLAT CONCRETE MANHOLE TOPS MAY BE USED INSTEAD OF CONE SECTIONS WHERE RIM TO INVERT IS 7'-0" OR LESS.
3. SET EACH ADJUSTING RING IN A FULL BED OF BITUMINOUS MASTIC (RAMNECK) OR PLASTIC SEALING COMPOUND.
4. MANHOLE STEPS SHALL BE POSITIONED OVER THE BENCH IN A VERTICAL LINE.
5. ON STRAIGHT THROUGH GRADES, SEWER MAINS MAY BE LAID THROUGH THE MANHOLE & USED AS THE INVERT. THE TOP 1/2 PORTION OF THE PIPE SHALL BE CUT AWAY TO A NEAT LINE. ANY BROKEN EDGES SHALL BE PLASTERED SMOOTH WITH CONCRETE MORTAR. IF GRADE IS NOT STRAIGHT THROUGH, THE FLOWLINES AT THE BASE SHALL BE HAND FORMED WHEN THE BASE IS Poured. FLOWLINES SHALL BE GROUND SMOOTH WITH A CONCRETE FINISHING STONE.
6. GROUT ALL INSIDE JOINTS WITH CONCRETE MORTAR.
7. MANHOLE LID SHALL BE 1/4" TO 1/2" BELOW ASPHALT AND TIPPED TO CONFORM WITH PAVEMENT SLOPES.
NOTES:
1. CASTING SPECIFICATIONS: ASTM A-48 WITH A MINIMUM TENSILE STRENGTH OF 30,000 PSI (CLASS 30). (NEENAH TYPE R-1706 RING & COVER OR EQUIVALENT).
2. TOTAL MINIMUM WEIGHT APPROXIMATELY 410 LBS.
3. DO NOT USE IN APPLICATIONS WHERE MANHOLES ARE WITHIN DRAINAGE WAYS.
4. STANDARD MANUFACTURER’S LETTERING SIZES & PATTERNS. (LETTERING SHALL BE CAST AS PART OF COVER).
NOTES:
1. AT TOWN'S DESCRITION, REQUIRED IN MANHOLES WHERE DEPTH MEASURED FROM RING AND COVER TO THE INVERT EXCEEDS 20 FEET.
2. VERTICALLY CENTER FLAT TOP PLATFORM BETWEEN RING AND COVER AND MANHOLE INVERT.

- PRECAST RINGS
- RECESS OPENING 23" DIA x 1 1/2" DEEP
- OFFSET STEPS ABOVE & BELOW PLATFORM OPENING 180°
- FIBERGLASS OR ALUMINUM GRATING, 3/16" x 1 1/4" BEARING BARS. SERRATED GRATING OPTIONAL 28" DIA ONE PIECE
- STAGGER RECESS OPENINGS @ EACH PLATFORM

- ONE STEP ABOVE OPENING TO BE USED AS A HANDHOLD
- PRECAST MANHOLE RINGS
- SET IN FULL BED OF BITUMINOUS MASTIC (RAMNECK) OR PLASTIC SEALING COMPOUND
- STANDARD PRECAST FLAT TOP W/ RECESS FOR GRATING

GROUT & SEAL ALL INSIDE JOINTS
Note: Cleanout pipe diameter shall be the same size as the sewer line at the wye.
NOTES:
1. ALL TRENCHES SHALL BE BACKFILLED IN ACCORDANCE WITH THE ABOVE DETAIL UNLESS OTHERWISE SPECIFIED BY THE TOWN.
2. PRIOR TO PLACEMENT OF ASPHALT CONCRETE, PAVEMENT EDGE SHALL BE SAW CUT TO A CLEAN, VERTICAL & STRAIGHT EDGE.
3. 1:1 SAND/CEMENT SLURRY MAY BE SUBSTIUTED FOR BACKFILL MATERIAL.
4. TRENCH WIDTH SHALL NOT BE MORE THAN 16" NOR LESS THAN 12" WIDER THAN THE DIAMETER OF THE PIPE.
5. USE #4 REBAR AT 2' CENTERS ALONG THE PERIMETER OF CONCRETE REPLACEMENT SECTIONS.
6. 95% COMPACTION IS REQUIRED ON ALL TRENCHING ZONES, BOTH IMPROVED & UNIMPROVED AREAS.
7. IN UNIMPROVED AREAS, ALL DISTURBED AREAS SHALL BE REGRADED, SEED & MULCHED.
8. IN CONCRETE ROADWAYS, A MINIMUM OF 1/2 PANEL WIDTH OR 10' X 5' SECTION WILL BE ALLOWED TO REMAIN, OTHERWISE THE ENTIRE CONCRETE PANEL MUST BE REPLACED.
SANITARY SEWER SERVICE LINE ABANDONMENT REQUIREMENTS

1. ABANDONMENT TO INCLUDE REMOVAL OF SERVICE WITHIN RIGHT-OF-WAY.

2. AREA TO BE REPAIRED AND REPLACED TO MATCH THE CONDITIONS OF SURROUNDING AREA.

3. ABANDONMENT REQUEST LETTER MUST BE SUBMITTED TO UTILITIES BILLING TO DISCONTINUE ACCOUNT.

4. PUBLIC WORKS PERMIT IS REQUIRED TO ABANDONED SERVICE.

5. ABANDONMENT OPTION TO BE DETERMINED BY PUBLIC WORKS INSPECTOR.

6. INTERNAL ABANDONMENT WITH CIPP LINING AS APPROVED BY UTILITIES. MINIMUM 10' SECTION OF LINING.

A. FOR EXISTING SADDLE STRAP CONNECTION, PULL OUT EXISTING SERVICE AND INSTALL PLUG.

B. REPLACE PIPE SECTION. CONNECTIONS SHOULD BE FERNO STRONG BACK, CAULDER OR APPROVED EQUIVALENT. REPLACEMENT PIPE SHALL BE PVC SDR35 MIN. IF INSTALLED ON VCP OR OTHER LARGE DIAMETER PIPE, FACTORY TRANSITION COUPLING MUST BE USED.