SECTION 'B'

- **SEWER OR STORM DRAIN LATERAL**
- **TRENCH BEDDING AND BACKFILL**
- **NEW WYE OF SAME MATERIAL AS EXISTING MAIN (VCP OR PVC)**
- **BLACK PLASTICIZED PVC COUPLER WITH 300 SERIES STAINLESS STEEL CLAMPS AND SHEAR RING. COUPLER MUST BE DESIGNED FOR THE PIPE MATERIAL AND DIAMETER. FERNCO (R) OR APPROVED EQUAL.**
- **SANITARY SEWER OR STORM DRAIN MAIN**
- **CONTROLLED DENSITY FILL (2-SACK SLURRY)**
- **UNDISTURBED EARTH**

SECTION 'A'

- **TRENCH BEDDING AND BACKFILL**
- **NEW WYE OF SAME MATERIAL AS EXISTING MAIN (VCP OR PVC)**
- **60° MAX**
- **45° PREFERRED**
- **30° MIN**
- **INVERT OF LATERAL AT BEND IS ABOVE THE CROWN OF THE SEWER MAIN, UNLESS OTHERWISE APPROVED**
- **CONTROLLED DENSITY FILL (2-SACK SLURRY)**
- **UNDISTURBED EARTH**
EXPLODED ISOMETRIC VIEW

APPROVED PRODUCTS:
1. MISSION RUBBER: T-FLEX SEWER SADDLE, 4" OR 6" WYE FITTING.
2. FERNCO: WYE TAP SADDLE MODEL "TSW", WITH PRESSURE KIT.
3. OTHER AS APPROVED BY THE CITY ENGINEER

COMPLETED CONNECTION, ISOMETRIC VIEW

CITY OF MONTEREY
DEPARTMENT OF PUBLIC WORKS
580 PACIFIC STREET, MONTEREY, CA 93940

STRAP-ON WYE CONNECTION TO CIPP LINED SEWER

DETAIL
306
NOTES
1. PRECAST MANHOLE ELEMENTS SHALL CONFORM TO ASTM C478.
2. FOR STRAIGHT PIPE RUNS, LAY PIPE THROUGH MANHOLE AND REMOVE TOP HALF OF PIPE. OTHERWISE FORM SMOOTH CHANNEL THROUGH MANHOLE WITH EITHER 3/4 OR FULL BENCH.
3. CONNECTION TO PLASTIC PIPE SHALL BE MADE USING A FLEXIBLE WATERTIGHT CONNECTOR CONFORMING TO ASTM C-923. OPENINGS IN PRECAST MEMBERS SHALL BE PRECAST OR CORE DRILLED.
4. SEAL PRECAST UNIT JOINTS WITH PREMOLDED BUTYL RUBBER JOINT SEALANT CONFORMING TO ASTM C-990.
5. EITHER WET-SET THE BOTTOM MANHOLE SECTION OR USE A TEMPLATE FOR THE JOINT AT THE CAST-IN-PLACE BASE. SEAL WITH PREMOLDED BUTYL RUBBER JOINT SEALANT.
6. 60"-DIAM MANHOLE IS REQUIRED FOR 42" AND 48" PIPES, AND IF MIN 6" CLR. CANNOT BE PROVIDED BETWEEN PIPES.

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APPROVED BY:

CITY ENGINEER  DATE

SANITARY SEWER OUTSIDE DROP MANHOLE

DETAIL

335
NOTES
1. SEE DETAIL 231 FOR ADDITIONAL MANHOLE DETAILS NOT SHOWN.

CITY OF MONTEREY
DEPARTMENT OF PUBLIC WORKS
580 PACIFIC STREET, MONTEREY, CA 93940

APPROVED BY:
CITY ENGINEER  DATE

SANITARY SEWER
INSIDE DROP MANHOLE

DETAIL 336
CLEANOUT COLLAR PLAN VIEW

CAST IRON FRAME AND COVER:
PHOENIX IRON WORKS P-7002, OR APPROVED EQUAL.
SAWCUT AC FULL DEPTH;
TACK COAT PRIOR TO PAVING

WYE STA.
PER PLAN

PLUG

12"

6" OR 8" SEWER MAIN

6" PIPE OF SAME MATERIAL AS MAIN

CONCRETE THRUST BLOCK

UNDISTURBED EARTH

CITY OF MONTEREY
DEPARTMENT OF PUBLIC WORKS
580 PACIFIC STREET, MONTEREY, CA 93940

APPROVED BY:

CITY ENGINEER

SANITARY SEWER
FLUSHING INLET

DETAIL

337
NOTES
1. **SEWER LATERAL**: RUBBER GASKETED PVC SEWER PIPE (ASTM D-3034, SDR 35) OR SOLVENT WELD ABS SEWER PIPE (ASTM D-2661, SCH 40).
2. **BUILDING CLEANOUT**: 2-WAY CLEANOUT WITH STANDARD SCREW-ON CLEANOUT PLUG. INSTALL 2' OUTSIDE THE BUILDING FOOTPRINT WHERE BUILDING SEWER EXITS THE BUILDING. EXTEND 4' ABOVE GRADE IN PLANTER AREAS. IN PAVED AREAS PROVIDE A CLEANOUT BOX.
3. **SEWER RELIEF VALVE**: LOCATE SO THAT THE OVERFLOW ELEVATION IS AT LEAST 1 FOOT LOWER THAN THE BUILDING FINISHED FLOOR. IF INSTALLED IN A BOX, PROVIDE A GRATED COVER; IN THIS CASE, THE OVERFLOW ELEVATION IS THE GRATED COVER ELEVATION. IF POSSIBLE, LOCATE IN A PLANTER AREA AT LEAST 5' INSIDE THE PROPERTY LINE AND SET THE VALVE OVERFLOW 4' ABOVE GRADE. THE SEWER RELIEF VALVE MAY BE INSTALLED ON THE BUILDING CLEANOUT IF GRADE ALLOWS.
4. **BACKWATER CHECK VALVE**: LOCATE IMMEDIATELY DOWNSTREAM OF THE SEWER RELIEF VALVE. CHECK VALVE SHOULD BE A TYPE THAT CAN BE MAINTAINED WITHOUT DIGGING UP THE VALVE (SUCH AS RECTORSEAL (R) "CLEAN CHECK"); OTHERWISE, A 24"X36" VALVE BOX MUST BE PROVIDED FOR MAINTENANCE ACCESS.
5. **PROVIDE AN ADDITIONAL CLEANOUT IMMEDIATELY DOWNSTREAM OF THE CHECK VALVE IF THE CHECK VALVE IS NOT DESIGNED TO ALLOW PASSAGE OF A PLUMBER'S SNAKE.