



WHERE AIR RELIEF VALVE IS SPECIFIED, INSTALL A.R.L. OPTIMAL FLOW SOLUTIONS MODEL DR-200 WASTEWATER WITH 2" NPT CONNECTION (OR APPROVED EQUIV.)

SEE MANHOLE SECTION BUTYL DETAIL

2" WATERWORKS BRASS OR STAINLESS STEEL FULL PORT BALL VALVE 1/4" TURN

2" DIA STAINLESS STEEL OR BRASS FLIPT 6" NIPPLE

FM SIZE STAINLESS STEEL OR BRASS THREADED NIPPLE AND FM SIZE FLIPT. X 2" FLIPT. INCREASE AS NECESSARY.

STAINLESS STEEL STRAPS (SEE PIPE SECURING DETAIL)

FUSED, STAINLESS STEEL OR BRASS FM SIZE FLIPT TEE (TYP)

PE 3408 200 PSI TUBING (MIN.)

CAST-IN-PLACE CONCRETE BLOCK PIPE SUPPORT OR PIPE STRAPS

2" MIN. INTEGRAL BASE SECTION

PLACE NON-WOVEN GEO-TEXTILE FABRIC (EQUIVALENT TO PROPEK GEOTEXT 451) ON TOP OF CRUSHED STONE SUBBASE

C.I. FRAME & COVER NEENAH # R-1558

5" 2" QUICK CONNECT 2" S.S. OR BRASS THREADED

30" MAX. 3" 2" PLASTIC STEPS

12" O.C. CLEAN OUT FITTINGS SIZED TO MATCH MAIN OR FORCE

2" MAX. DIA.

FINISHED GRADE

50' MIN. I.D. PRECAST MANHOLE BLOCK WITH 1/4" TURN CHECK & RESTRAINED CONNECTION X 1/2" P.I. SIZED SAME AS FORCE MAIN DIAMETER. (FLANGED RESILIENT WEDGE VALVE WITH HAND OPERATOR MAY BE SUBSTITUTED FOR 2" DIA. SIZE.)

WATERWORKS BRASS OR STAINLESS STEEL FULL PORT SS BALL VALVE WITH 1/4" TURN CHECK & RESTRAINED CONNECTION X 1/2" P.I. SIZED SAME AS FORCE MAIN DIAMETER. (FLANGED RESILIENT WEDGE VALVE WITH HAND OPERATOR MAY BE SUBSTITUTED FOR 2" DIA. SIZE.)

3/4" CONCRETE EXPANSION ANCHORS (CYLINDER STUDS OR APPROVED EQUIV.) WITH 1" STAINLESS STEEL FLUMBERS STRAPPING.

MANHOLE SECTION BUTYL DETAIL

BUTYL WRAP - EXTERIOR OF MANHOLE TO MINIMUM BUTYL

PIPE SECURING DETAIL

8" x 8" CAST-IN-PLACE CONCRETE BLOCK SUPPORT

OR NECESSARY

2" CONCRETE EXPANSION ANCHORS (CYLINDER STUDS OR APPROVED EQUIV.) WITH 1" STAINLESS STEEL FLUMBERS STRAPPING.

8" x 8" x 3" SWAMP

PE 3408 200 PSI TUBING (MIN.)

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WATERWORKS BRASS STRAIGHT COUPLING WITH THREADED CONNECTIONS

VALVES CONNECTED TO TEE USING THREADED CONNECTIONS

PLASTIC STEPS

PRESSURE SANITARY SEWER IN-LINE CLEAN OUT AND AIR RELIEF STATION

NOT TO SCALE

CAPTION 12

- NOTES:
- CONTRACTOR TO PROVIDE ADEQUATE PROTECTION TO EXISTING UTILITIES PRIOR TO BACKFILL FOR SCSD #1
 - ALL OFF-SITE MANHOLES SHALL BE PROTECTED PER SCSD #1
 - CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING FLOW
 - SANITARY FORCE MAIN SHALL BE DR-9 OR DR-11
 - CONTRACTOR TO PROVIDE ADEQUATE PROTECTION TO EXISTING UTILITIES PRIOR TO BACKFILL FOR SCSD #1
 - ALL OFF-SITE MANHOLES SHALL BE PROTECTED PER SCSD #1
 - CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING FLOW
 - CONTRACTOR TO PROVIDE ADEQUATE PROTECTION TO EXISTING UTILITIES PRIOR TO BACKFILL FOR SCSD #1
 - ALL OFF-SITE MANHOLES SHALL BE PROTECTED PER SCSD #1
 - CONTRACTOR IS RESPONSIBLE FOR ESTABLISHING FLOW

SARATOGA COUNTY SEWER DISTRICT #1 RESERVES THE RIGHT, AT OUR DISCRETION, TO CHANGE, MODIFY, ADD OR REMOVE PORTIONS OF THESE DETAIL SPEC'S AT ANY TIME



SARATOGA COUNTY SEWER DISTRICT #1

1002 HUDSON RIVER ROAD, MECHANICVILLE, NEW YORK

P.O. Box 550 Mechanicville, New York 12118
<http://www.saratogacountyny.gov/departments/sewer-district-1/>

Telephone: (518) 664-7396
 Fax: (518) 664-6280