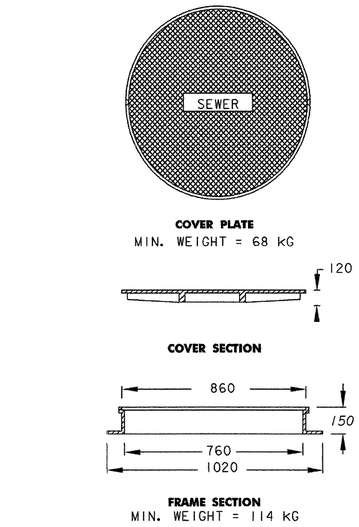
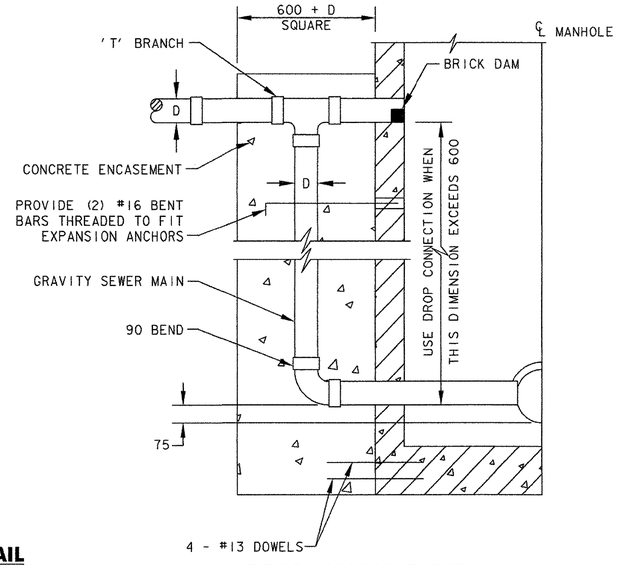


MANHOLE FRAME AND COVER DETAIL
NOT TO SCALE



DROP MANHOLE DETAIL
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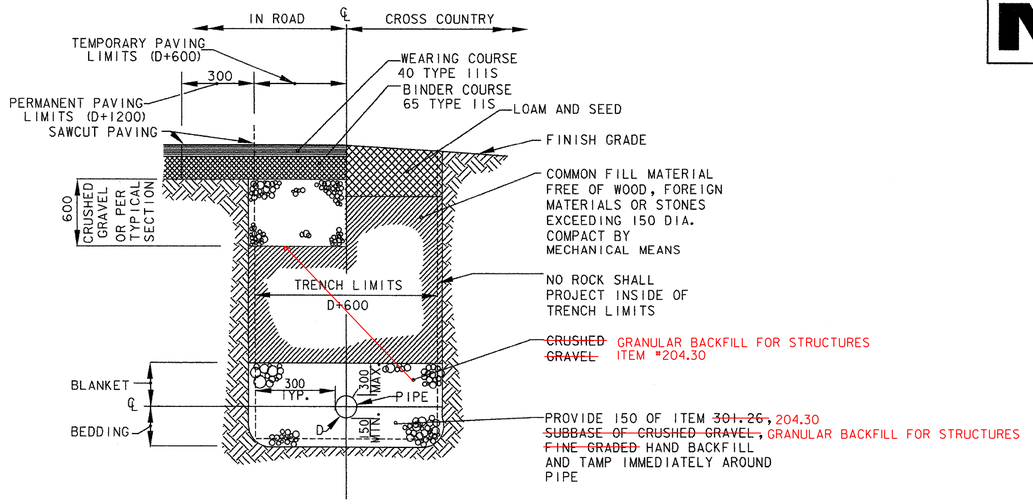
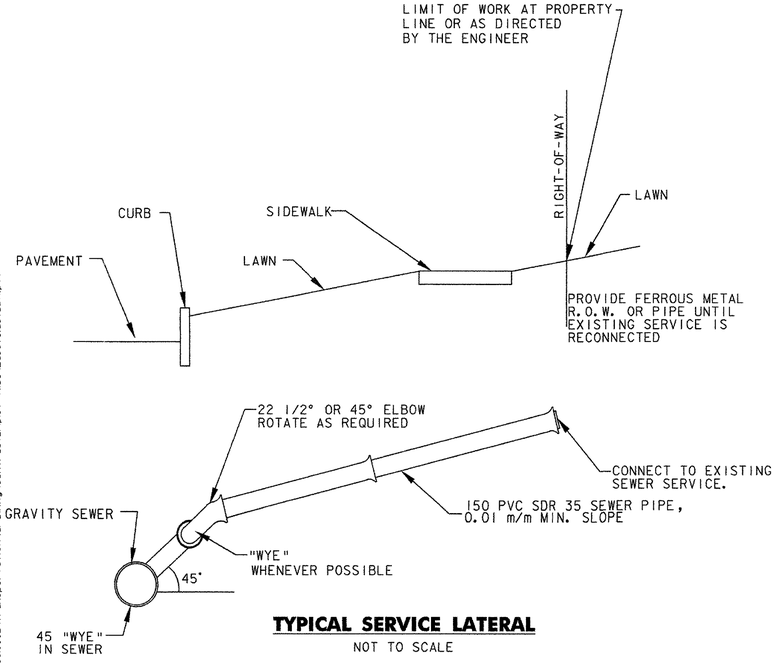
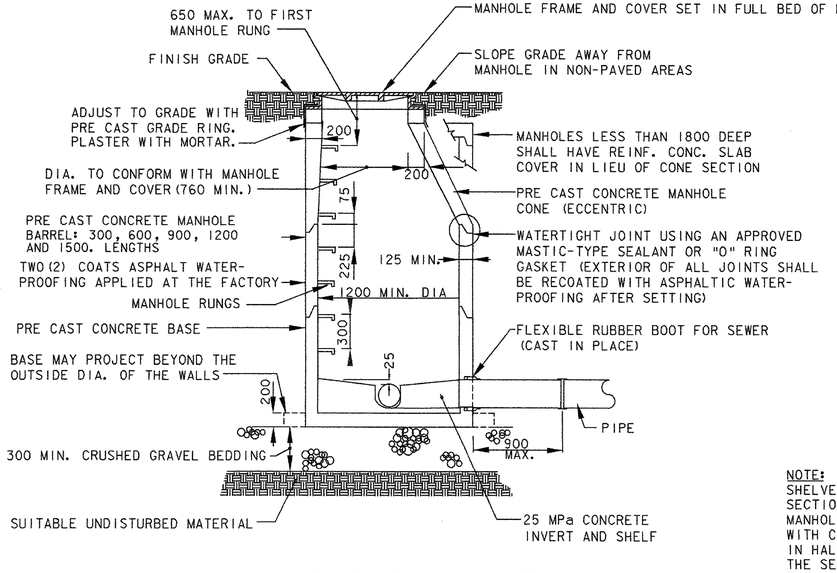


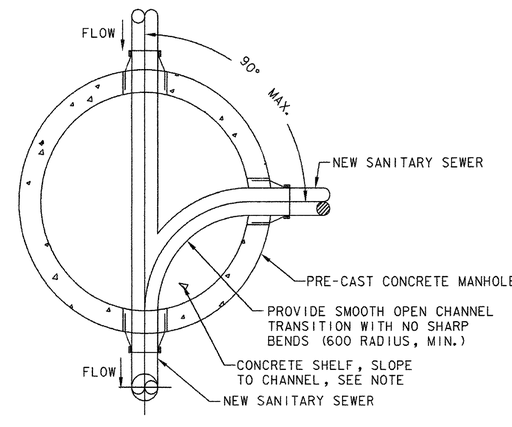
SANITARY SEWER TYPICAL TRENCH DETAIL
NOT TO SCALE



TYPICAL SERVICE LATERAL
NOT TO SCALE



PRE CAST CONCRETE MANHOLE
NOT TO SCALE



NOTE:
SHELVES CAN BE CONSTRUCTED WITH CLASS B 25 MPa CONCRETE AS DEFINED IN SECTION 501 OF THE VERMONT STANDARD SPECIFICATIONS. INVERTS FOR SEWER MANHOLES SHALL BE AS SHOWN ON THE PLANS AND DETAILS AND SHALL BE CONSTRUCTED WITH CLASS B 25 MPa CONCRETE, OR FOR STRAIGHT RUNS, SEGMENTS OF PIPE CUT IN HALF LONGITUDINALLY. INVERTS SHALL HAVE THE EXACT SHAPE AND SLOPE OF THE SEWER TO WHICH THEY ARE CONNECTED, AND ANY CHANGE IN SIZE OR DIRECTION SHALL BE GRADUAL AND EVEN.

TYPICAL MANHOLE CHANNEL
NOT TO SCALE

NOTE: ALL DIMENSIONS ARE IN MILLIMETERS (mm) EXCEPT WHERE NOTED.

VERMONT AGENCY OF TRANSPORTATION

Stantec

PROJECT NAME: BENNINGTON
PROJECT NUMBER: AC NH 019-1(51)

FILE NAME: ...\plot files\zd307cldet_util.ptf
PLOT DATE: 1/30/2009
DESIGN SUPERVISOR: GREG EDWARDS
DRAWN BY: STANTEC
DESIGNED BY: MARC FOISY
CHECKED BY: GARY SANTY
UTILITY DETAILS U-07
SHEET 163 OF 367

v:\1853\active\18530002\transportation\drawing\contract_1\plot files\zd307cldet_util.ptf