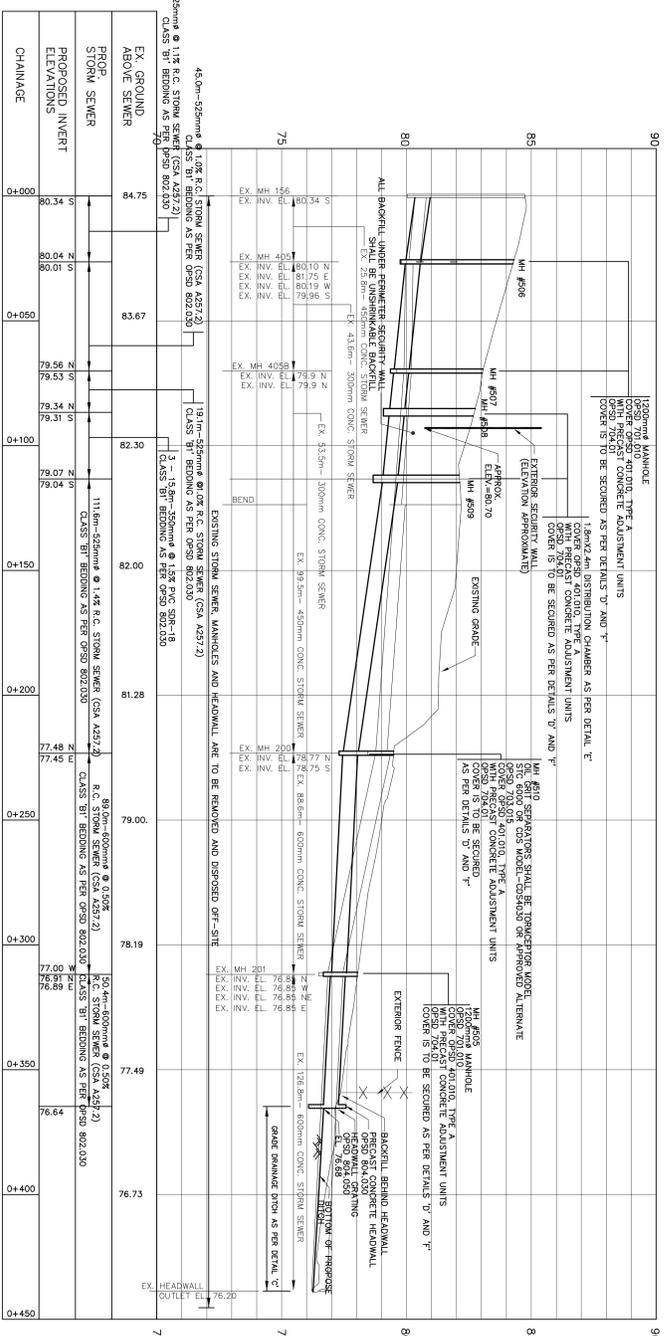
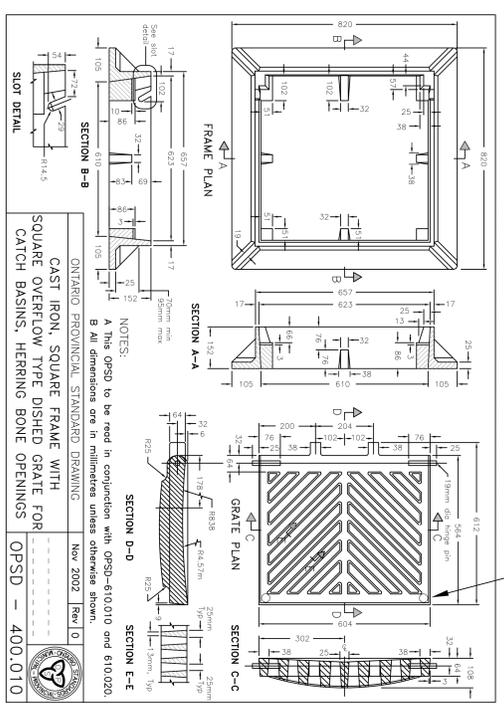


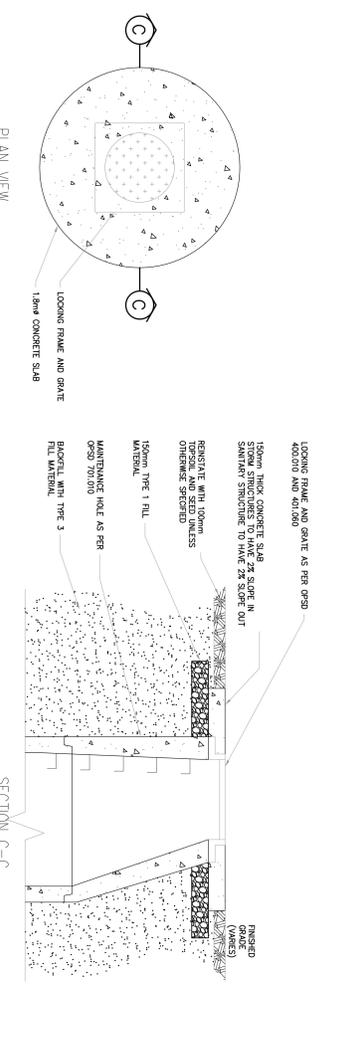
STORM SEWER REPLACEMENT FROM MH 135 TO MH 201
(REFER TO DRAWING C-1 FOR LOCATION PLAN)



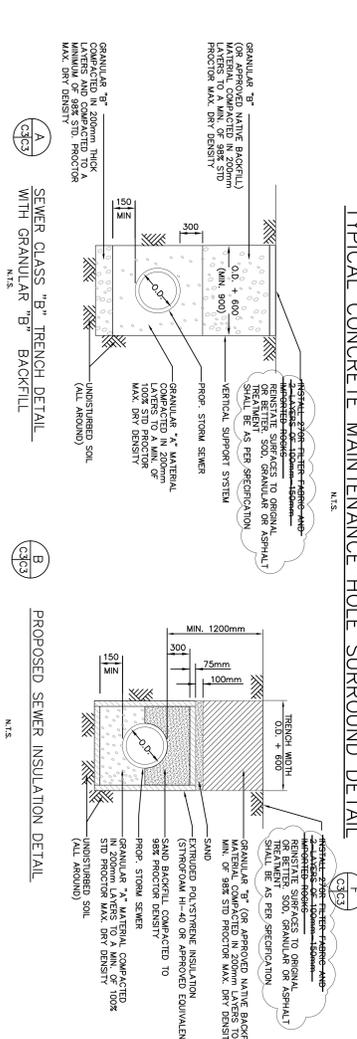
STORM SEWER REPLACEMENT FROM MH 405 TO STORM SEWER OUTLET
(REFER TO DRAWING C-1 FOR LOCATION PLAN)



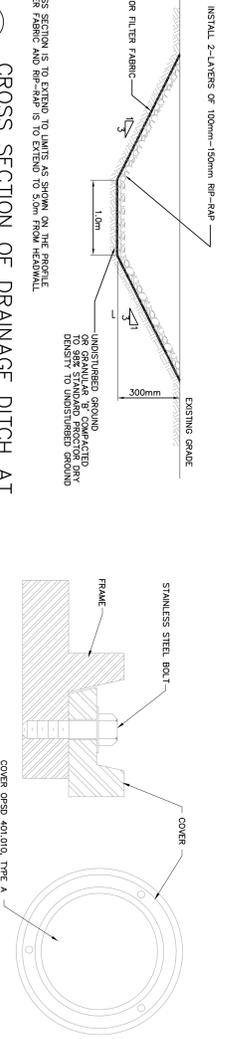
DETAIL MODIFIED TO ADD 2 BOLTS AS SPECIFIED



TYPICAL CONCRETE MAINTENANCE HOLE SURROUND DETAIL



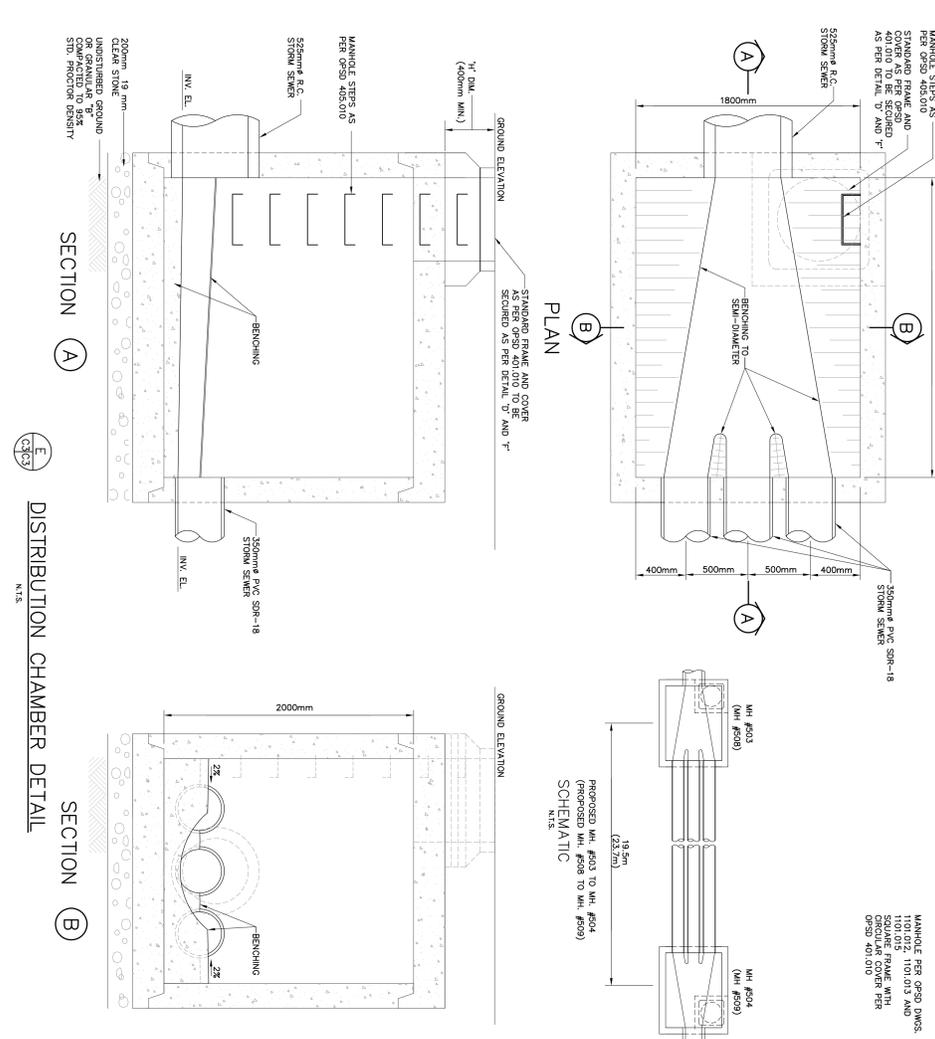
PROPOSED SEWER INSULATION DETAIL



CROSS SECTION OF DRAINAGE DITCH AT CONCRETE HEADWALL



SECURITY MANHOLE COVER



DISTRIBUTION CHAMBER DETAIL

Public Works and Government Services Canada
Travaux publics et Services gouvernementaux Canada

GENVAR
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PHONE: 613-947-2721 FAX: 613-947-3333
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- GENERAL NOTES**
1. REFER TO DRAWING C-1 FOR LOCATION PLAN.
 2. ALL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL BUILDING CODE OF CANADA (NBC) AND THE NATIONAL ELECTRICAL CODE OF CANADA (NEC).
 3. EXISTING STORM SEWER SHALL BE REPAIRED OR REPLACED AS NECESSARY TO MAINTAIN ADEQUATE FLOW CAPACITY.
 4. PROPOSED STORM SEWER SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL BUILDING CODE OF CANADA (NBC) AND THE NATIONAL ELECTRICAL CODE OF CANADA (NEC).
 5. ALL MANHOLES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE NATIONAL BUILDING CODE OF CANADA (NBC) AND THE NATIONAL ELECTRICAL CODE OF CANADA (NEC).
 6. THE CONCRETE SHALL HAVE A MINIMUM STRENGTH OF 25 MPa.
 7. ALL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL BUILDING CODE OF CANADA (NBC) AND THE NATIONAL ELECTRICAL CODE OF CANADA (NEC).
 8. THE LOCATION OF EXISTING AND PROPOSED STORM SEWER SHALL BE AS SHOWN ON THE DRAWING. THE EXISTING STORM SEWER SHALL BE REPAIRED OR REPLACED AS NECESSARY TO MAINTAIN ADEQUATE FLOW CAPACITY.
 9. THE CONCRETE SHALL HAVE A MINIMUM STRENGTH OF 25 MPa.
 10. ALL WORK SHALL BE IN ACCORDANCE WITH THE NATIONAL BUILDING CODE OF CANADA (NBC) AND THE NATIONAL ELECTRICAL CODE OF CANADA (NEC).
 11. CLEAN OUT ALL EXISTING FOLDING CONNECTIONS AND EXISTING ELECTRICAL WORK SHALL BE REPAIRED OR REPLACED AS NECESSARY TO MAINTAIN ADEQUATE FLOW CAPACITY.
 12. ALL STORM SEWER SHALL BE SUBJECT TO THE INSPECTION AND APPROVAL OF THE LOCAL AUTHORITY.
 13. ALL STORM SEWER SHALL BE SUBJECT TO THE INSPECTION AND APPROVAL OF THE LOCAL AUTHORITY.
 14. ALL STORM SEWER SHALL BE SUBJECT TO THE INSPECTION AND APPROVAL OF THE LOCAL AUTHORITY.
 15. ALL STORM SEWER SHALL BE SUBJECT TO THE INSPECTION AND APPROVAL OF THE LOCAL AUTHORITY.

NO.	REVISION	DATE
1	ISSUED FOR TENDER	DEC 09/12
2	ISSUED FOR TENDER - AMENDMENT #1 FEB 25/13	
3		
4		

Project Name: COLLINS BAY AND FRONTENAC INSTITUTION
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Project Engineer: S. WARELU
Project Designer: L. CRAWFORD

Project Date: JAN 2011
Drawing No.: R.03192.001

Scale: AS SHOWN