STORM STRUCTURE LAYOUT TABLE								
STRUCTURE NUMBER	NORTHING	EASTING	TOP OF GRATE	OUTLET INVERT	INLET INVERTS	SUMP	STRUCTURE TYPE	GRATE TYPE
DMH–1	5032015.359	367594.910	82.45	75.25 – 457.2mm ø OUTSIDE DIAMETER (OD)	80.37 – 200mm ø 77.83 – 200mm ø 77.40 – 375mm ø	75.17	OPSD–701.010	OPSD–401.010 "TYPE B"
DMH–2	5032043.930	367614.450	59.39	56.24 – 600mm ø	56.34 – 457.2mm ø(O.D.) 56.58 – 400mm ø	55.94	OPSD–701.011	OPSD–401.010 "TYPE B"
DMH–3	5032078.981	367565.517	56.72	53.33 – 600mm ø	53.38 – 600mm ø 54.00 – 150mm ø	53.08	OPSD–701.010	OPSD–401.010 "TYPE B"
CB–1	5032012.603	367592.927	82.71	80.71 – 200mm ø		80.11	OPSD–705.010	OPSD–400.020

NOTE 1:

CONTRACTOR RESPONSIBLE TO SHORE & BRACE EXISTING RETAINING WALL TO ACCOUNT FOR SURCHARGE LOADING DUE TO IMPOSED CONSTRUCTION ACTIVITIES. SUBMIT STAMPED ENGINEERING DRAWINGS PRIOR TO COMMENCING WORK

NEW 150mmø WEEPING TILE @ INV.±56.0m C/W NEW CAP

CONNECT NEW WEEPING TILE TO EXISTING @ INV.±54.0m

CORE NEW OPENING AND CONNECT TO EXISTING WITH MANHOLE NEW 300mm ø DROP PIPE TO OVERFLOW TUNNEL, SEE DETAILS

CONNECT NEW 150mmø WEEPER TILE TO NEW MANHOLE DMH–3 @INV.54.0m

NEW INV.55.8m

NEW MANHOLE DMH–3

EXISTING MANHOLE & CONCRETE BASE TO BE REMOVED

EXISTING 600mmø STORM SEWER TO BE REMOVED

EXISTING STONE WALL TO BE PROTECTED, SEE NOTE 1

EXISTING WEEPER TILE TO BE REMOVED AND REPLACED WITH NEW 150mmø HDPE PERFORATED DRAIN WITH SOCK

EXISTING MANHOLE TO BE REMOVED

NEW RESTRAINED CAP TO BE INSTALLED PRIOR TO GROUTING OPERATIONS

TEMPORARY CONNECTION: INTERCEPT EXISTING 300mmø STORM SEWER AND CONNECT TO NEW STORM SEWER WITH 600x600x300 TEE. BLANK TEE UPON COMPLETION OF NEW STORM SEWER INSTALLATION

EXISTING STONE WALL TO BE PROTECTED, SEE NOTE 1

EXISTING 300mmø STORM SEWER TO BE ABANDONED & FILLED WITH GROUT

EXISTING MANHOLES TO BE REMOVED

EXISTING 600mmø STORM SEWER TO BE REMOVED

EXIST. 400mmø STORM SEWER TO BE ABANDONED & FILLED GROUT, C/W NEW CAP

REMOVE TOP SECTION AND BACKFILL WITH GRANULAR BASE MATERIAL. CUT EXIST. CONCRETE BASE 300mm BELOW GRADE, REINSTATE SURFACE WITH TOP SOIL AND SOD.

NO CONSTRUCTION EQUIPMENT BEYOND THIS POINT

INTERCEPT EXISTING 200mmø STORM SEWER AND CONNECT TO NEW STORM SEWER WITH 200mmø PIPE (L=9.3m) @INV.±80.88m

INTERCEPT EXISTING 400mmø STORM SEWER WITH NEW 45° BENDS(2) @ INV.±56.60m & CONNECT TO NEW MANHOLE DMH–2

2.45m OF NEW 400mmø STORM SEWER @1%

NEW MANHOLE DMH–2

NEW 457.2mmø (O.D.) STORM SEWER IN 610mmø INCLINED CASING BORE

REMOVE EXISTING CATCH BASIN & LEAD AND REPLACE WITH NEW CB–1 AND 200mmø CB LEAD TO ACCOMMODATE BORING OPERATIONS

REMOVE EXISTING STORM MANHOLE AND REPLACE WITH NEW MANHOLE DMH–1

REMOVE EXISTING 375mmø STORM SEWER AND REPLACE WITH NEW 375mmø STORM SEWER TO ACCOMMODATE BORING OPERATIONS

EXISTING STORM SEWER TO BE ABANDONED AND FILLED WITH GROUT, PRIOR TO ABANDONING PERFORM CCTV, PROVIDE RESULTS TO DEPARTMENTAL REPRESENTATIVE AND AWAIT INSTRUCTIONS TO PROCEED

CATCH BASIN TO REMAIN PLUG OPENING OF EXISTING UPSTREAM INVERT

Échelle/Scale: 1:200

PLAN LINE 1 STA 0+000 to STA 0+034.62
PLAN LINE 2 STA 0+034.62 to STA 0+100.75

KEY PLAN

AREA OF WORK

Canada

Publics Works and Government Services Canada — Travaux publics et services gouvernementaux Canada

Real Property Branch — Direction générale des biens immobiliers

REVISIONS	DESCRIPTION	DATE
3	100% ISSUED TO TENDER	06/12/2013
2	66% SUBMISSION	05/09/2013
1	33% SUBMISSION	05/06/2013

project / projet

PARLIAMENT HILL
EAST BLOCK STORM SEWER OUTLET

OTTAWA, ONTARIO

drawing / dessin

-KEY PLAN
-PLAN LINE 1
STA 0+000 TO 0+034.62
-PLAN LINE 2 STA
0+034.62 TO 0+100.75

Drawn By	J.MAYDA	Dessiné par
Date	2013/12/06	(yyyy/mm/dd)
Reviewed By	G.FATTOUCHE	Examiné par
Date	2013/12/06	(yyyy/mm/dd)
Approved By	J.MAYDA	Examiné par
Date	2013/12/06	(yyyy/mm/dd)
Tender	D. MOIR	Examiné par
Date	2013/12/06	(yyyy/mm/dd)

Project no. / No. du projet: R.085000.001

Drawing no. / No. du dessin: C-1

PWGSC B1 (1000 x 707)