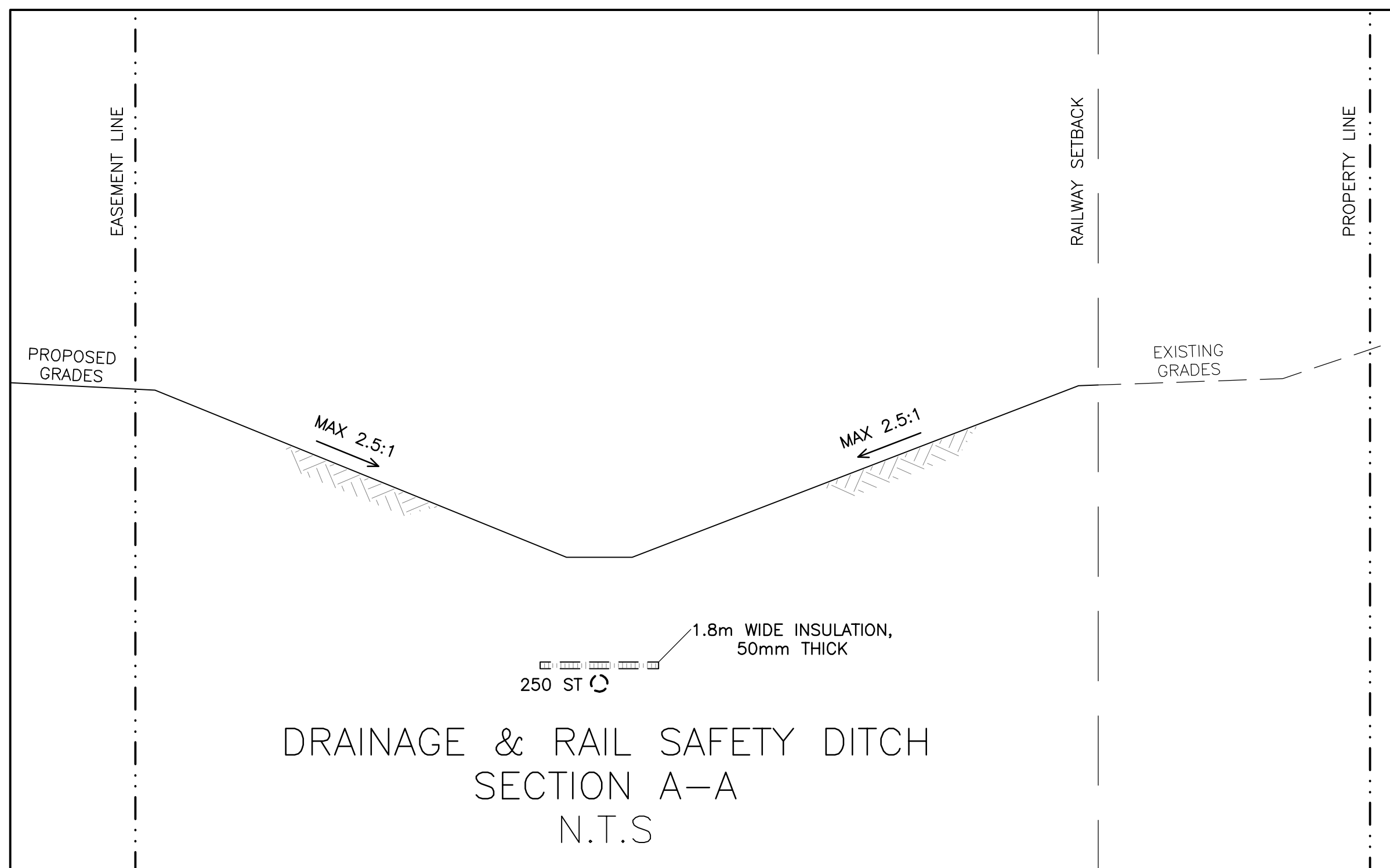
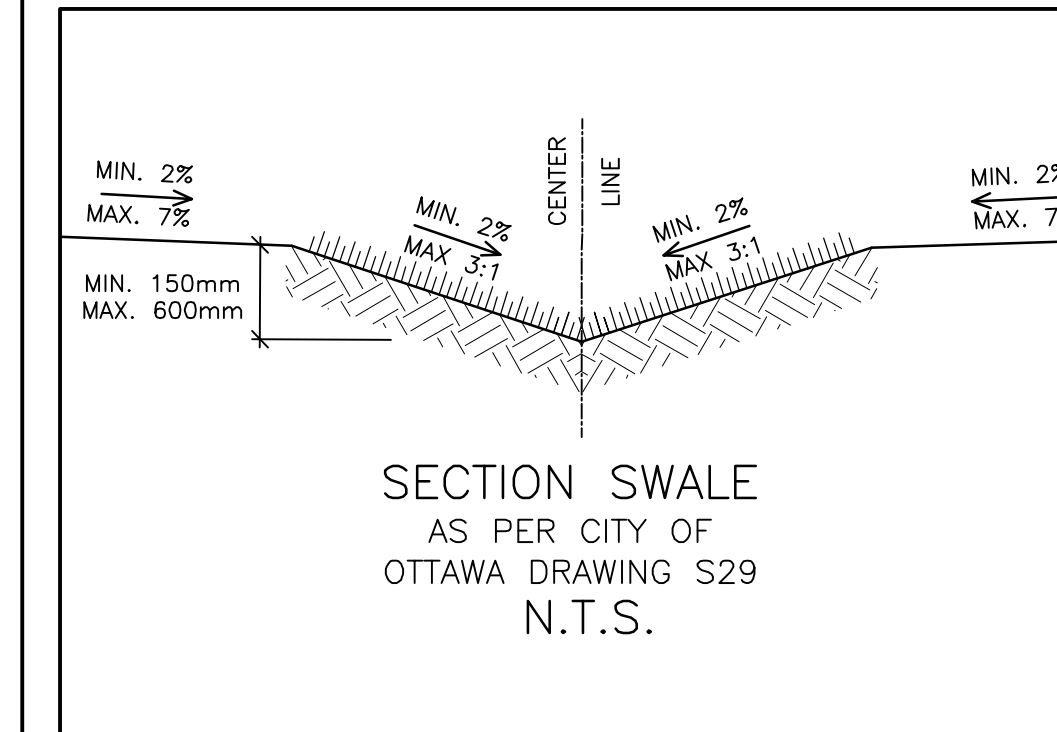


**SERVICING & GRADING PLAN FOR POSSIBLE CONFIGURATION OF FUTURE CUL-DE-SAC**  
**FINAL DESIGN TO BE COMPLETED BY CITY OF OTTAWA OR OTHERS**



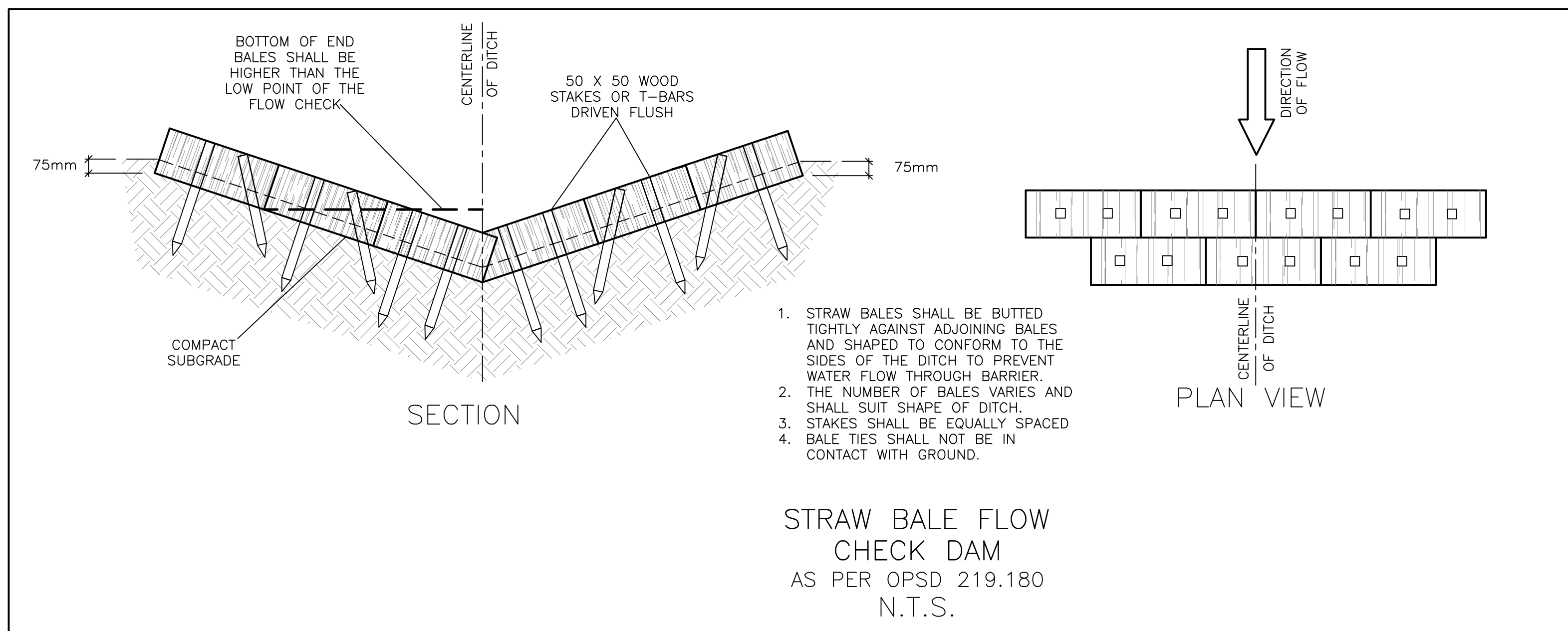
REFER TO NOTES ON DRAWINGS C-10



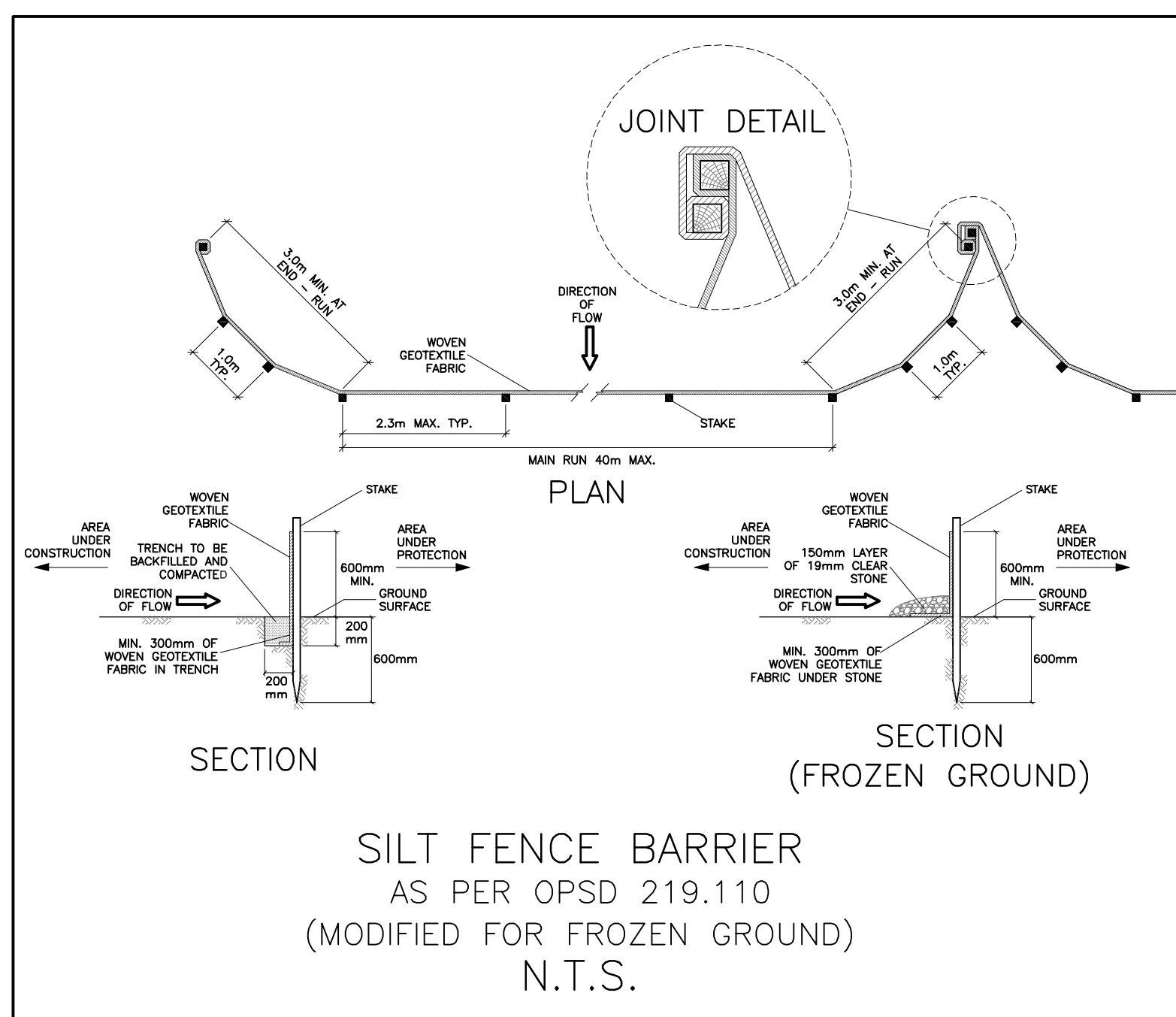
### CATCH BASIN & MANHOLE SCHEDULE

(SUBMIT SHOP DRAWINGS OF ALL CATCH BASINS & MANHOLES TO ENGINEER FOR APPROVAL)

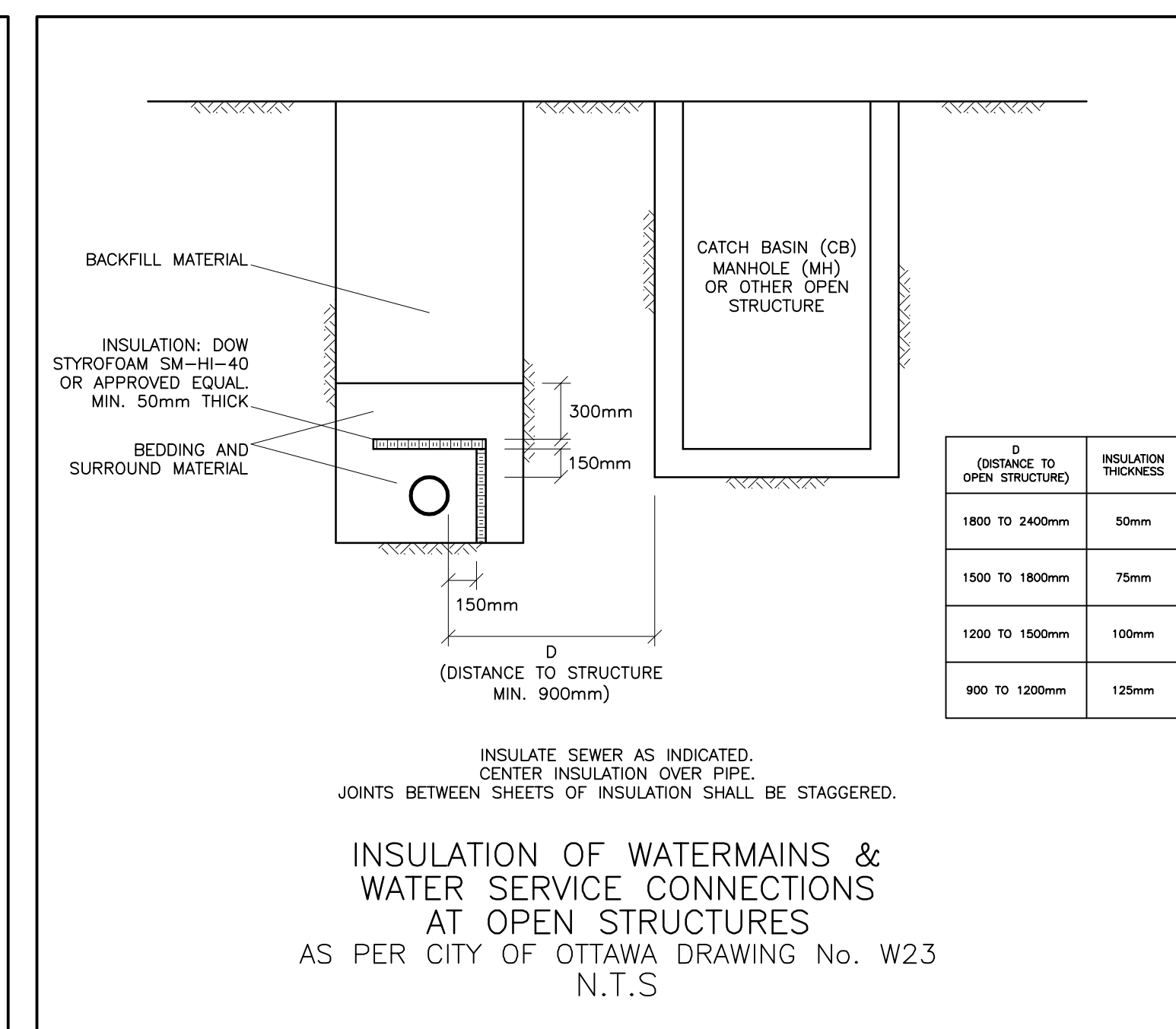
REF	TOP	SIZE	TYPE	INVERT AT INLET	INVERT AT OUTLET	NOTES
<b>STORM SEWER</b>						
CB-1	82.12	600mm x 600mm	PRECAST CONCRETE CATCH-BASIN	-	81.27	TO OPSD 705.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S19
CB-2	81.84	600mm x 600mm	PRECAST CONCRETE CATCH-BASIN	-	80.47	TO OPSD 705.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S19
CB-3	82.06	600mm x 600mm	PRECAST CONCRETE CATCH-BASIN	-	80.45	TO OPSD 705.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S19
CB/MH-4	82.90	1200mm	PRECAST CONCRETE CATCH-BASIN/MANHOLE	-	80.26	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S28.1 OR OPSD 401.010
CB/MH-4A	82.49	1200mm	PRECAST CONCRETE CATCH-BASIN/MANHOLE	80.15(SW)	80.14(NE)	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S28.1 OR OPSD 401.010
MH-5	82.20	CDS PMSU2015-4	OIL & GRIT SEPARATOR (OGS) PRECAST CONCRETE MANHOLE	80.01(SW)	79.98(E)	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS EXCEPT WITH A DEEP SUMP AS REQUIRED BY CDS
CB/MH-6	82.27	1200mm	PRECAST CONCRETE CATCH-BASIN/MANHOLE	79.92(W)	79.86(SE)	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S28.1 OR OPSD 401.010
CB/MH-7	79.70	1500mm	PRECAST CONCRETE CATCH-BASIN/MANHOLE	-	78.05	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S24.1 OR OPSD 401.010
MH-7A	80.52	1200mm	PRECAST CONCRETE MANHOLE	77.74(SW)	77.73(NE)	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S24.1 OR OPSD 401.010
CB/MH-8	80.45	1500mm	PRECAST CONCRETE CATCH-BASIN/MANHOLE	79.47(NW) 77.50(SW)	77.33(E)	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - GRATE TO OPSD 403.010 2.5:1 SLOPE
DI-9	82.34	600mm x 600mm	PRECAST CONCRETE DITCH INLET	UNKNOWN	UNKNOWN	TO OPSD 705.030 & CITY OF OTTAWA STANDARDS - GRATE TO OPSD 403.010 3:1 SLOPE
<b>SANITARY SEWER</b>						
MH-SA.1	82.18	1200mm	PRECAST CONCRETE MANHOLE	-	79.33	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S24 OR OPSD 401.010
MH-SA.2	83.27	1200mm	PRECAST CONCRETE MANHOLE	78.74(NE)	78.71(W)	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S24 OR OPSD 401.010
MH-SA.3	83.24	1200mm	PRECAST CONCRETE MANHOLE	78.65(E) ±78.61(S)	±78.60(N)	TO OPSD 701.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S25 & S24 OR OPSD 401.010



STRAW BALE FLOW CHECK DAM  
 AS PER OPSD 219.180  
 N.T.S.



SILT FENCE BARRIER  
 AS PER OPSD 219.110  
 (MODIFIED FOR FROZEN GROUND)  
 N.T.S.



INSULATE SEWER AS INDICATED.  
 CENTER INSULATION OVER PIPE.  
 JOINTS BETWEEN SHEETS OF INSULATION SHALL BE STAGGERED.  
 INSULATION OF WATERMAINS &  
 WATER SERVICE CONNECTIONS  
 AT OPEN STRUCTURES  
 AS PER CITY OF OTTAWA DRAWING No. W23  
 N.T.S.

### KEY PLAN



No.	DATE	REVISION
4	JAN 28-25	RE-ISSUED FOR APPROVAL
3	JUL 8-24	RE-ISSUED FOR APPROVAL
2	DEC 11-23	RE-ISSUED FOR APPROVAL
1	JUN 29-23	ISSUED FOR APPROVAL

**D. B. GRAY ENGINEERING INC.**  
 Stormwater Management - Grading & Drainage - Storm & Sanitary Sewers - Watermain  
 700 Long Point Circle 613-425-8044  
 Ottawa, Ontario d.gray@dbgrayengineering.com

Project **PROPOSED 7 LOT DEVELOPMENT**  
**2009-2013 PRINCE OF WALES DR**  
 OTTAWA, ONTARIO

### DETAILS & SCHEDULES

Engineer's Seal  
  
 NOT VALID UNLESS SIGNED & DATED

Drawn D.B.G.  
 H. Scale 1:300  
 V. Scale  
 Date JUN 29-23  
 Job No. 22055

Drawing No.  
**C-9**  
 of 10

D02-02-23-0061 & D07-16-23-0009