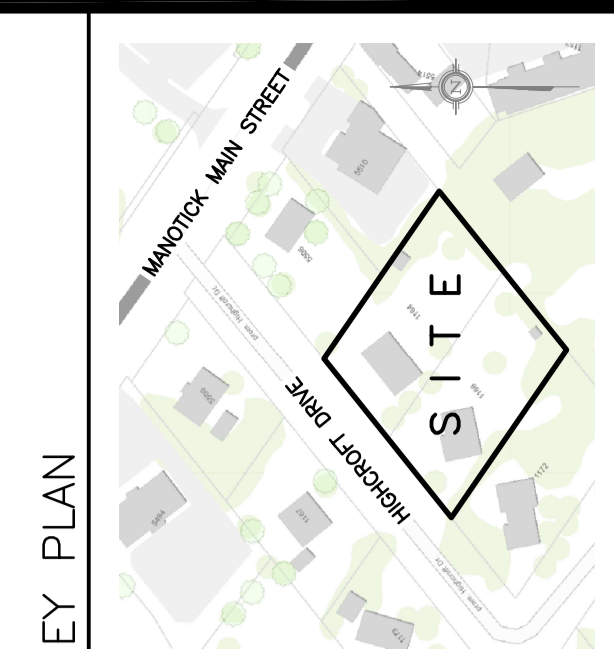
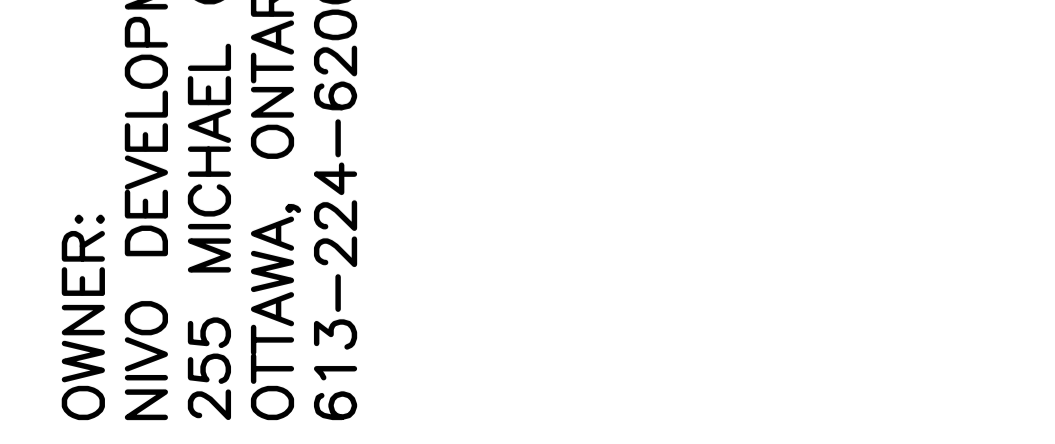
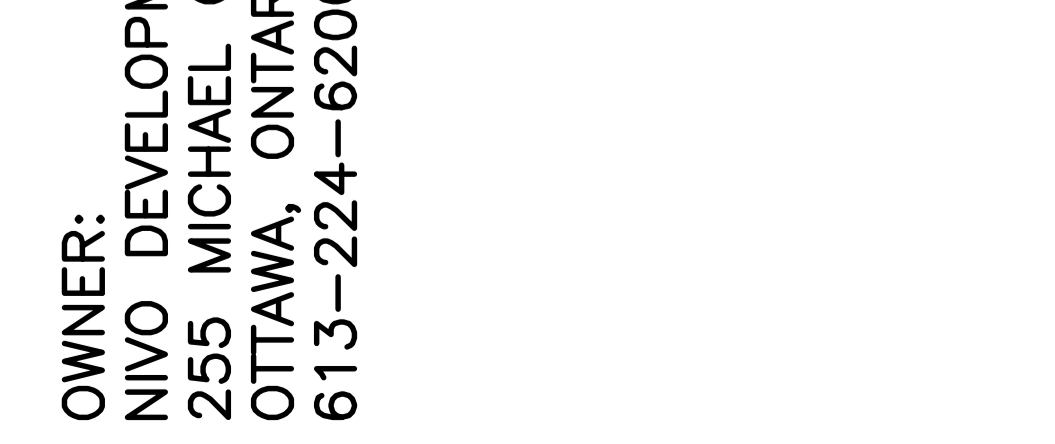
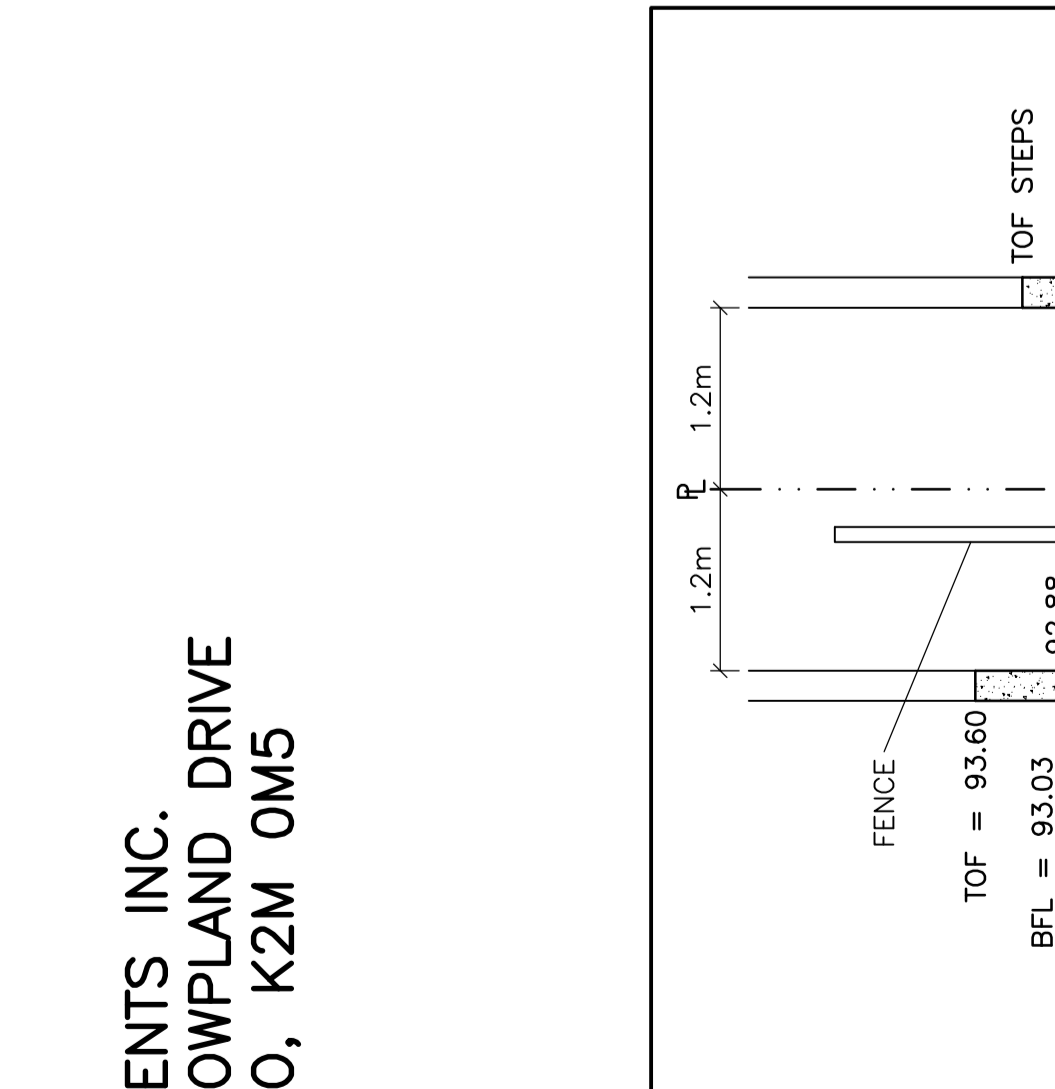
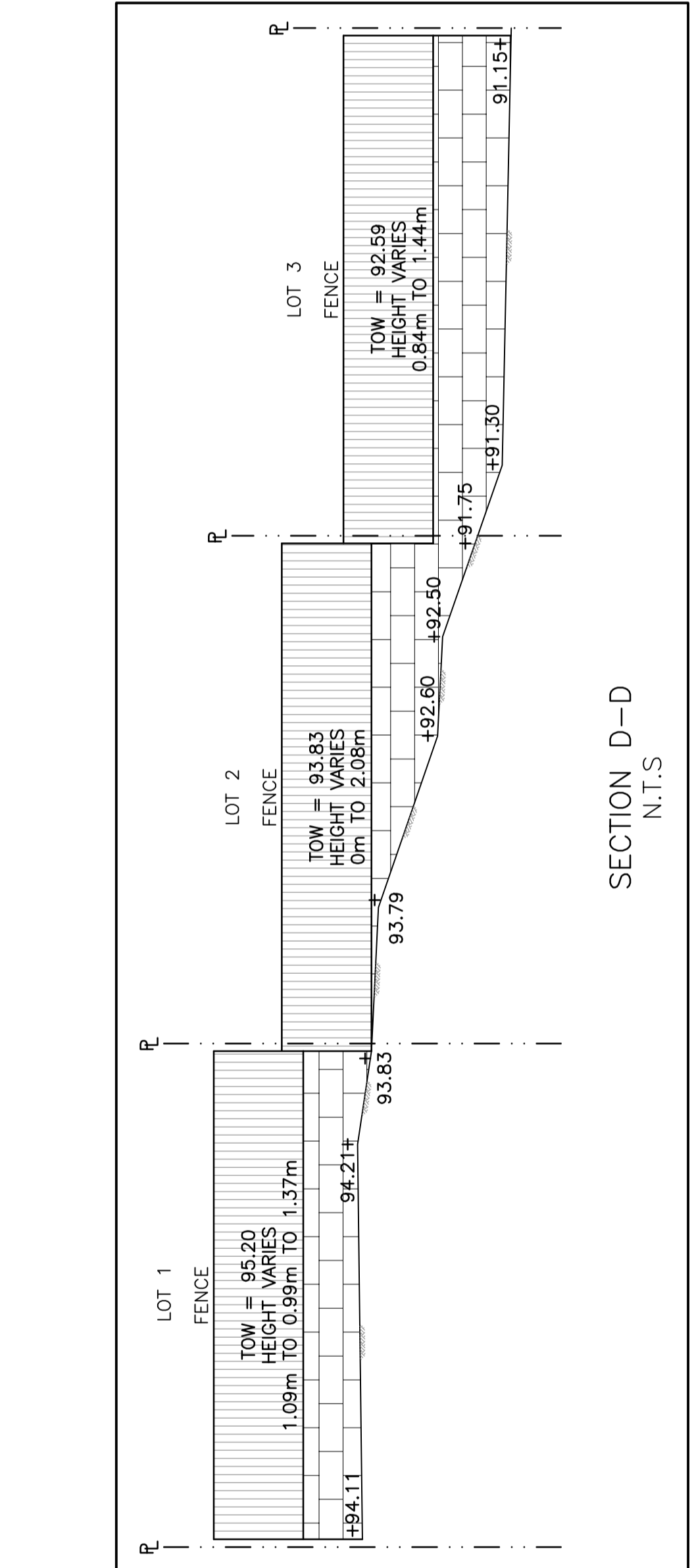
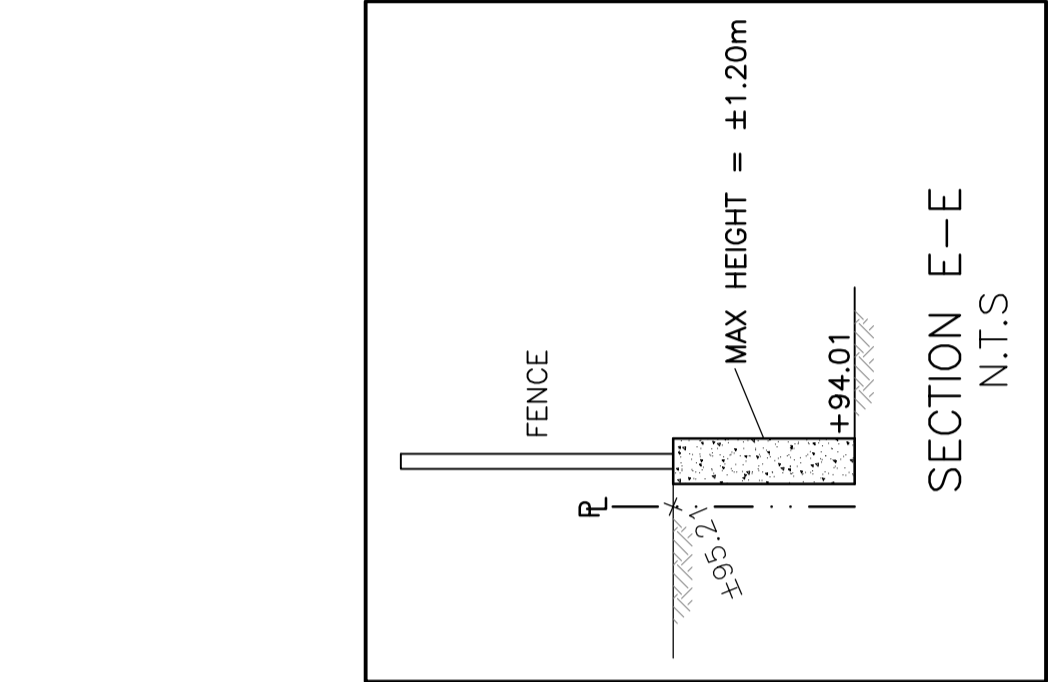
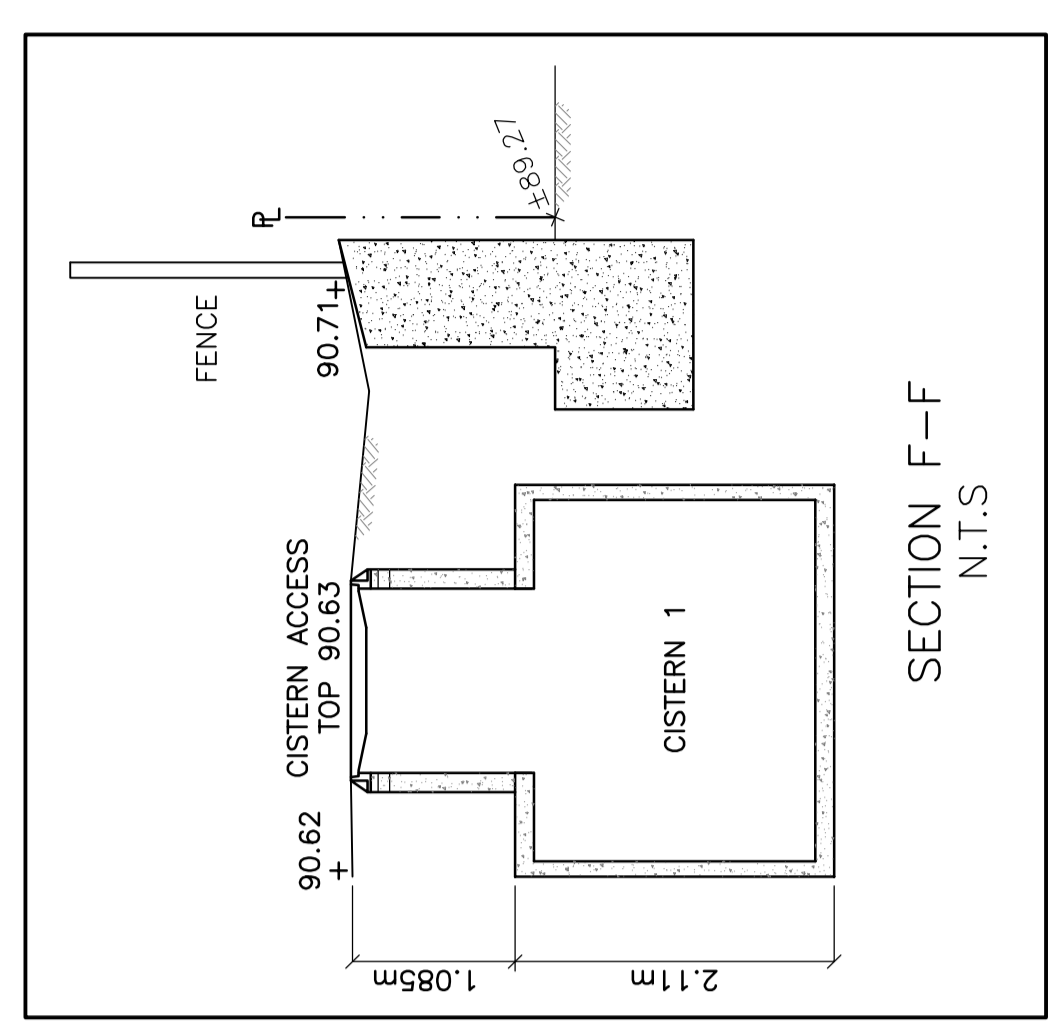


OWNER:  
 NIVO DEVELOPMENTS INC.  
 255 MICHAEL COMPLAND DRIVE  
 OTTAWA, ONTARIO, K2M 0M5  
 613-224-6200

**DRAWING LEGEND**

CB	CATCH BASIN
MH	MANHOLE
CB/MH	CATCH BASIN/MANHOLE
MH	SANITARY MANHOLE
+67.89	EXISTING GRADE ELEVATION
+67.89	PROPOSED GRADE ELEVATION
2%	EXISTING SLOPE OF GRADE
2%	PROPOSED SLOPE OF GRADE
T.O.S.	TOP OF SLOPE
B.O.S.	BOTTOM OF SLOPE
---	CENTERLINE OF SWALE
---	PROPERTY LINE
---	SILT FENCE BARRIER
---	150mm CURB/DEPRESSED CURB
---	LIGHT-DUTY PAVEMENT
---	HEAVY-DUTY PAVEMENT
---	CONCRETE
---	LANDSCAPE
---	FLL
---	FIRST FLOOR ELEVATION
---	TOF
---	BASEMENT FLOOR ELEVATION
---	USF
---	UNDERSIDE OF FOOTING



No.	DATE	REVISION
1	JUN 14-19	PRELIMINARY
2	AUG 9-19	ISSUED FOR APPROVAL
3	SEP 27-19	RE-ISSUED FOR APPROVAL
4	MAY 6-20	ISSUED FOR COORDINATION
5	JUN 18-20	RE-ISSUED FOR APPROVAL
6	NOV 16-20	RE-ISSUED FOR APPROVAL
7	MAR 15-21	RE-ISSUED FOR APPROVAL
8	MAY 20-21	RE-ISSUED FOR APPROVAL

**D. B. GRAY ENGINEERING INC.**  
 700 Long Point Circle  
 Ottawa, Ontario  
 613-425-8044  
 dgray@dbgrayengineering.com

**PROPOSED  
 RESIDENTIAL DEVELOPMENT  
 1164-1166 HIGHCROFT DR.  
 MANOTICK, ONTARIO**

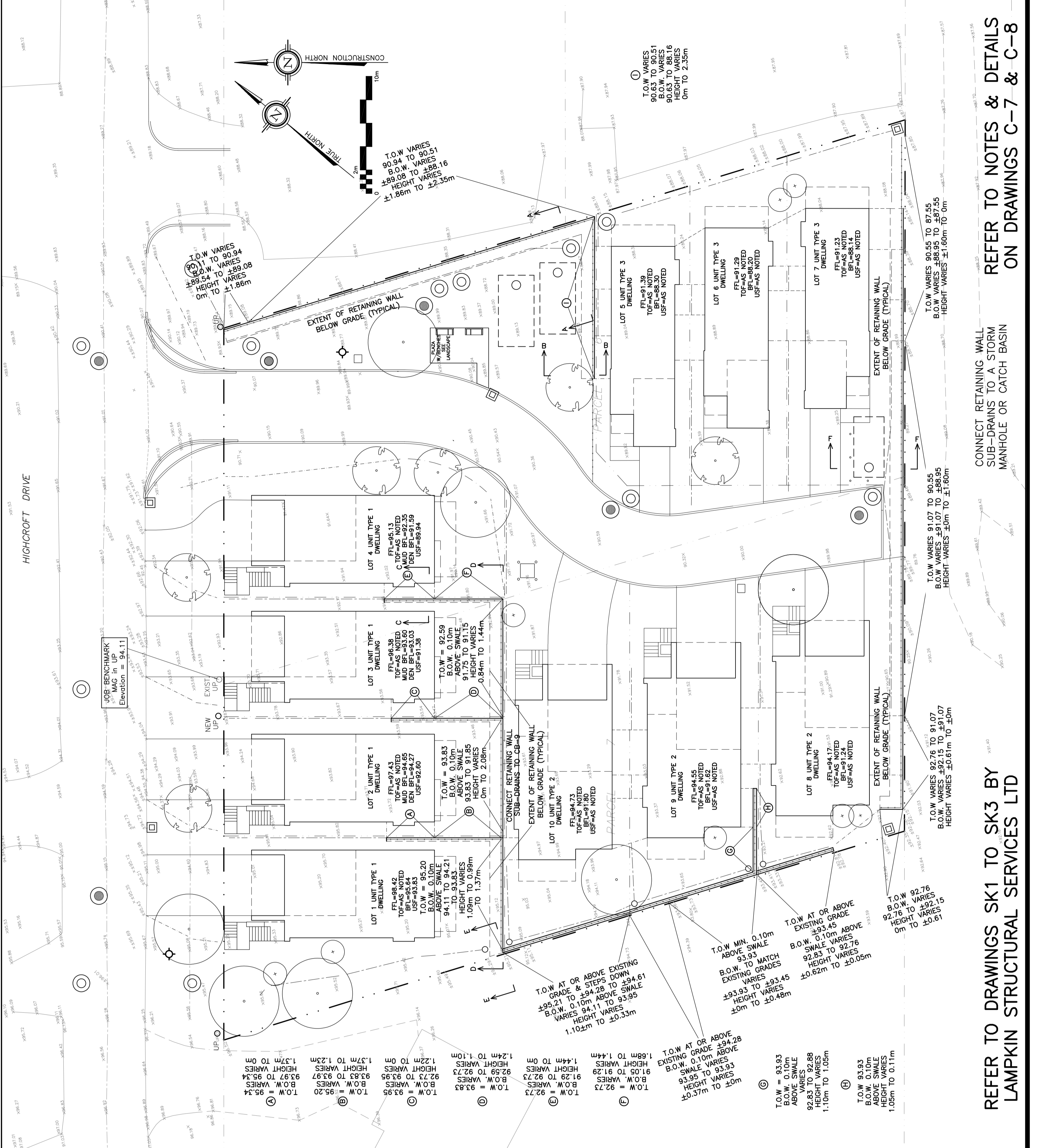
**RETAINING WALLS**

Drawn: D.B.G.  
 Hor. Scale: 1:200  
 Vert. Scale: 1:20  
 Date: JUN 14-19  
 Job No.: 18035

Professional Engineer  
 D.B. GRAY  
 700 LONG POINT CIRCLE  
 OTTAWA, ONTARIO  
 K1Y 4R7

Drawings No. **C-4**  
 of **14**

NOT VALID UNLESS  
 SIGNED & DATED



REFER TO NOTES & DETAILS  
 ON DRAWINGS C-7 & C-8

REFER TO DRAWINGS SK1 TO SK3 BY  
 LAMPKIN STRUCTURAL SERVICES LTD

CONNECT RETAINING WALL  
 SUB-DRAINS TO A STORM  
 MANHOLE OR CATCH BASIN