

By Sole Soyak at 12:01 pm, Aug 22, 2025

**SOLE SOYAK
PLANNER II
PLANNING, DEVELOPMENT AND BUILDING SERVICES
DEPARTMENT, CITY OF OTTAWA**



REFER TO THE GEOTECHNICAL REPORT. THE SUB-GRADE, GRANULAR LAYER, AND SURFACE OF PAVEMENT STRUCTURES AND OTHER HARD SURFACES SHALL BE CROWNED OR SLOPED TO PROMOTE DRAINAGE OF WATER AWAY FROM THE BUILDING AND OTHER SURFACE STRUCTURES. SUB-DRAINS SHALL BE INSTALLED AT THE SUB-GRADE LEVEL AT LOCATIONS AS INDICATED ON THE PLAN TO ENSURE EFFECTIVE DRAINAGE OF SUBSURFACE WATER. THE SUB-DRAINS SHALL CONNECT TO CATCH BASINS OR STORM MANHOLES. THE SUB-DRAINS SHALL BE INSTALLED IN ACCORDANCE WITH CPSS MINI 405.

REFER TO NOTES & DETAILS
ON DRAWINGS C-4 & C-5

FDC	Y	FIRE DEPARTMENT CONNECTION
		EXISTING GRADE ELEVATION
		PROPOSED GRADE ELEVATION
		PROPOSED SLOPE OF GRADE
		EMERGENCY OVERLAND FLOW
		TOP OF SLOPE

CENTERLINE OF SWALE	---
150mm BARRIER CURB	=====
DEPRESSED CURB	D.C =====
LIGHT-DUTY PAVEMENT	////
HEAVY-DUTY PAVEMENT	XXXX
CONCRETE	
LANDSCAPE	
TERRACING	

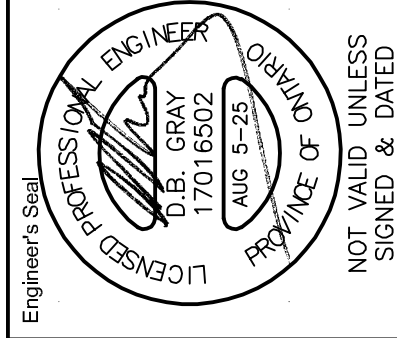
			AUG 5-25	RE-ISSUED FOR SITE PLAN CONTROL
	9			
	8	JUL 23-25		ISSUED FOR BUILDING PERMIT
	7	JUL 18-25		RE-ISSUED FOR SITE PLAN CONTROL & ISSUED FOR TENDER
	6	JUN 26-25		DRAFT ISSUED FOR BUILDING PERMIT
	5	MAY 7-25		RE-ISSUED FOR SITE PLAN CONTROL
	4	APR 4-25		ISSUED FOR SITE PLAN CONTROL
	3	APR 2-25		ISSUED FOR COORDINATION
	2	FEB 21-25		ISSUED FOR CLASS B COSTING
	1	FEB 14-25		ISSUED FOR COORDINATION
No.		DATE		REVISION

Long Point Circle
613-425-8044
d.gray@dbgrayengineering.com

Project
PROPOSED 3-STOREY
OAC WOMEN'S SHELTER
250 FORESTGLADE
CRESCENT
OTTAWA, ONTARIO

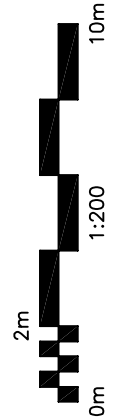
Drawing Title

GRADING PLAN



D07-12-25-0046

Drawing No.
C-2
of 7

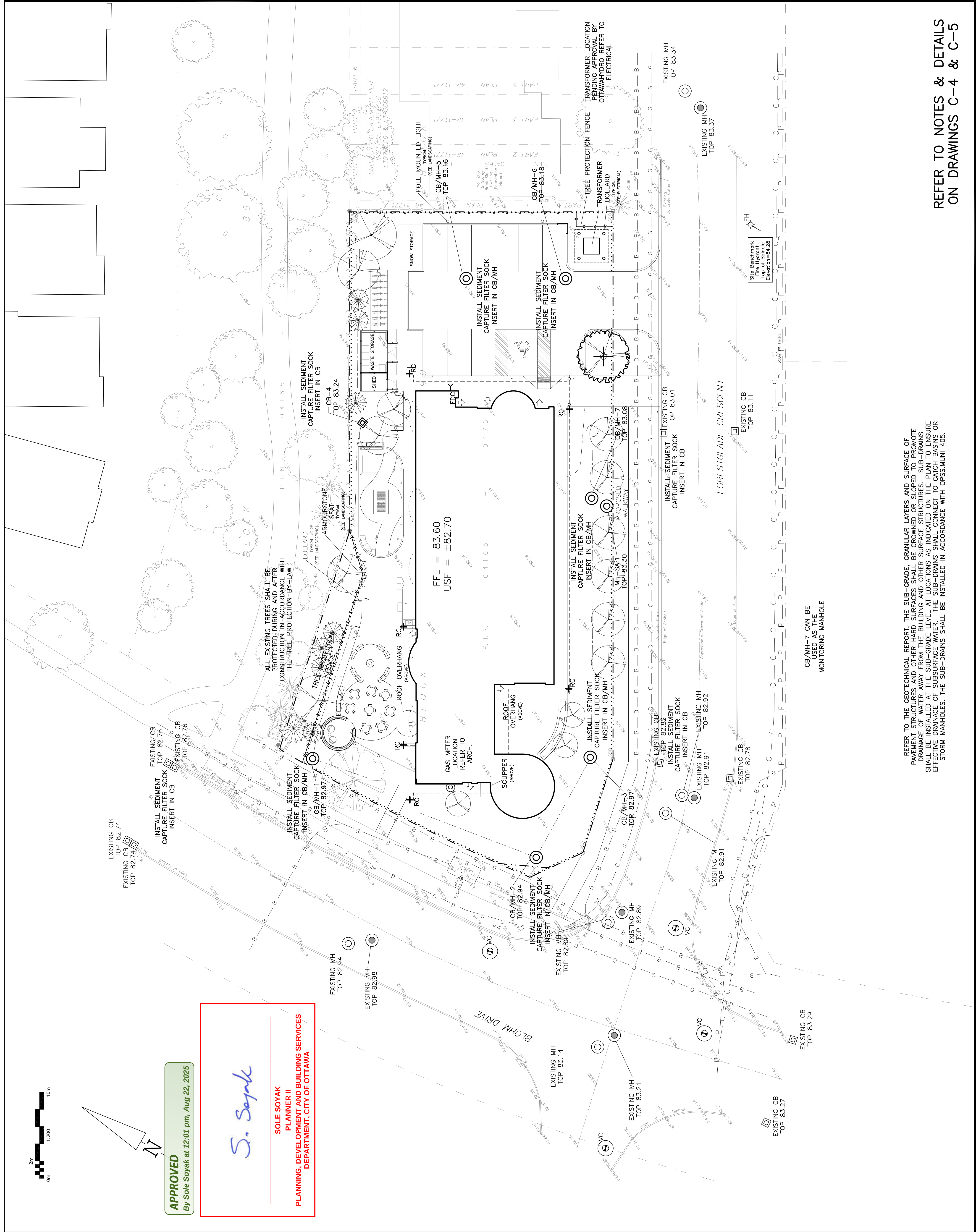


APPROVED

By Sole Soyak at 12:01 pm, Aug 22, 2025

S. Soyak

SOLE SOYAK
PLANNER II
PLANNING, DEVELOPMENT AND BUILDING SERVICES
DEPARTMENT, CITY OF OTTAWA

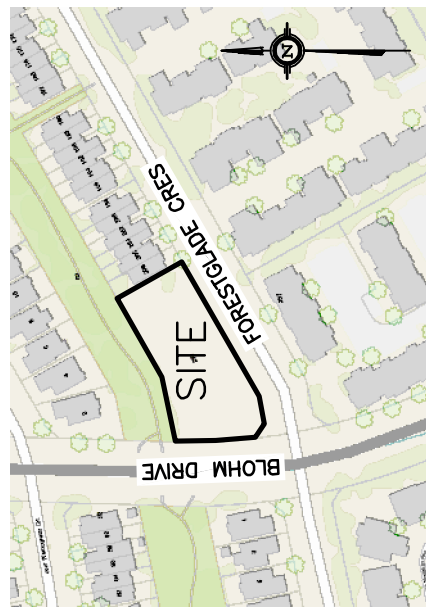


REFER TO NOTES & DETAILS
ON DRAWINGS C-4 & C-5

LEGEND

- FFL FIRST FLOOR ELEVATION
- USF UNDERSIDE OF FOOTING
- PROPERTY LINE
- CB CATCH BASIN
- MH STORM MANHOLE
- CB/MH CATCH BASIN/MANHOLE
- MH SANITARY MANHOLE
- VC VALVE CHAMBER
- DS DOWNSPOUT
- FH FIRE HYDRANT
- FDC FIRE DEPARTMENT CONNECTION
- SILT FENCE BARRIER

KEY PLAN

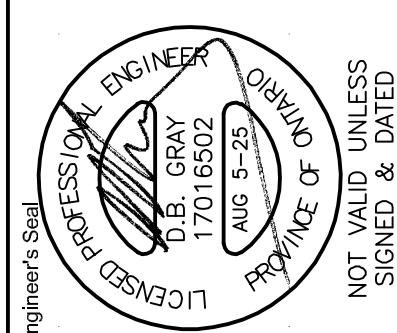


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D. B. GRAY ENGINEERING INC.
Sustainable Management Consulting & Planning • Storm & Sanitary Services • Professionals
700 Long Point Circle
Ottawa, Ontario
d.gray@dbgrayengineering.com 613-425-8044

Project
PROPOSED 3-STORY
OAC WOMEN'S SHELTER
250 FORESTGLADE
CRESCENT
OTTAWA, ONTARIO

Erosion & Sediment
CONTROL PLAN



APPROVED

By Sole Soyak at 12:01 pm, Aug 22, 2025

S. Sayak

**SOLE SOYAK
PLANNER II
PLANNING, DEVELOPMENT AND BUILDING SERVICES
DEPARTMENT, CITY OF OTTAWA**

- [illegible]

- [illegible]

KEY PLAN

[illegible]

D. B. GRAY ENGINEERING INC.

Renewable Water Management - Grading & Drainage - Storm & Sanitary Sewers - Watermain

700 Long Point Circle
613-425-8044

Ottawa, Ontario d.gray@dbgrayengineering.com

613-425-8044

Project
PROPOSED 3-STORY
OAC WOMEN'S SHELTER
250 FORESTGLADE
CRESCENT

OTTAWA, ONTARIO

NOTES

Drawing Title

NOT VALID UNLESS
SIGNED & DATED

PROVINCE OF ONTARIO

Drawing No. C- of

NOT VALID UNLESS

APPROVED

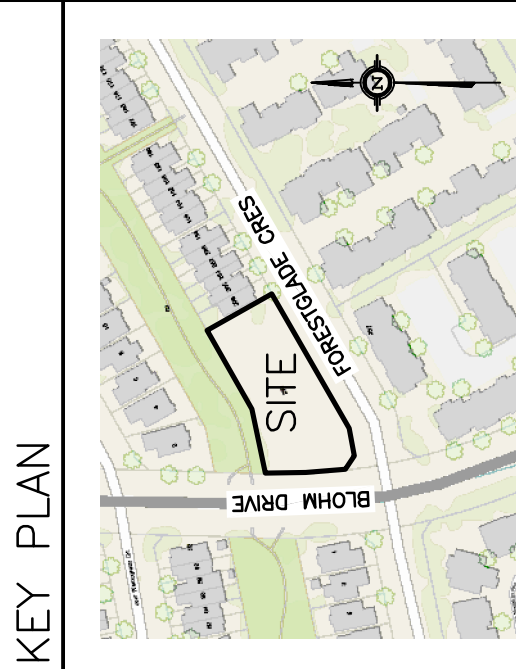
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S. Soyak

SOLE SOYAK
PLANNER II

PLANNING, DEVELOPMENT AND BUILDING SERVICES
DEPARTMENT, CITY OF OTTAWA

WATER SERVICE PROFILE TABLE						
DIAMETER/MATERIAL: 150mm/PVC DR18						
STATION	DESCRIPTION	GRADE ELEVATION	TOP OF PIPE	DEPTH OF COVER	NOTES	
0+00.0	300mm x 150mm TEE CONNECTION IN 300mm MUNICIPAL WATERMAIN TO CITY OF OTTAWA STANDARDS	±83.18	±80.86	±2.32	START OF 50mm THICK INSULATION AS PER DETAIL ON C-5	
0+03.2	-	±83.26	80.86	±2.40	CROSSING 250 SAN TOP 78.91 MM U/S 80.71 - 1800mm CLEARANCE (MIN. 250mm REQ'D)	
0+04.9	-	±83.21	80.86	±2.35	CROSSING 250 ST TOP 80.04 MM U/S 80.71 - 1800mm CLEARANCE (MIN. 250mm REQ'D)	
0+07.5	-	±83.11	80.86	±2.25	BOTTOM OF CURB	
0+13.1	150mm VALVE & VALVE BOX TO CITY OF OTTAWA STANDARDS	83.27	80.86	2.41	END OF 50mm THICK INSULATION AS PER DETAIL ON C-5 ON PROPERTY LINE	
0+14.1	22.5° VERTICAL BEND DOWN TO CITY OF OTTAWA STANDARDS	83.26	80.86	2.40	-	
0+15.4	22.5° VERTICAL BEND UP TO CITY OF OTTAWA STANDARDS	83.25	80.32	2.93	-	
0+15.9	-	83.24	80.32	2.92	START OF CROSSING ELECTRICAL DUCT U/S 82.00 MM TOP 80.32 - 1800mm CLEARANCE	
0+16.6	-	83.24	80.32	2.92	END OF CROSSING ELECTRICAL DUCT U/S 82.06 MM TOP 80.32 - 1800mm CLEARANCE	
0+18.0	-	83.25	80.32	2.93	CROSSING 250 ST TOP 80.82 MM U/S 80.71 - 500mm CLEARANCE (MIN. 500mm REQ'D)	
0+19.3	22.5° VERTICAL BEND UP TO CITY OF OTTAWA STANDARDS	83.30	80.32	2.98	-	
0+20.6	22.5° VERTICAL BEND DOWN TO CITY OF OTTAWA STANDARDS	83.31	80.85	2.46	-	
0+28.9	45° HORIZONTAL BEND TO CITY OF OTTAWA STANDARDS	83.25	80.85	2.40	-	
0+37.2	45° HORIZONTAL BEND TO CITY OF OTTAWA STANDARDS	83.34	80.94	2.40	-	
0+37.6	-	83.34	80.94	2.40	BOTTOM OF CURB	
0+39.4	-	83.42	80.94	2.48	ENTRY INTO BUILDING	
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
STORM SEWER						
CB/MH-1	82.97	1200mm	PRECAST CONCRETE CATCH-BASIN/MANHOLE	-	80.72	TO OPSD 70.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S28 & S28.1 OR OPSD 401.010
CB/MH-2	82.94	1200mm	PRECAST CONCRETE CATCH-BASIN/MANHOLE	80.59(N)	80.59(E)	TO OPSD 70.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S28 & S28.1 OR OPSD 401.010
CB/MH-3	82.97	1200mm	PRECAST CONCRETE CATCH-BASIN/MANHOLE	80.54(W)	80.54(N/E)	TO OPSD 70.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S28 & S28.1 OR OPSD 401.010
CB-4	83.24	600mm x 600mm	PRECAST CONCRETE CATCH-BASIN	-	80.99	TO OPSD 70.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S19
CB/MH-5	83.16	1200mm	PRECAST CONCRETE CATCH-BASIN/MANHOLE	80.30(W)	80.90(SE)	TO OPSD 70.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S28 & S28.1 OR OPSD 401.010
CB/MH-6	83.18	1200mm	PRECAST CONCRETE CATCH-BASIN/MANHOLE	80.64(NW)	80.84(SW)	TO OPSD 70.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S28 & S28.1 OR OPSD 401.010
CB/MH-7	83.08	1200mm	PRECAST CONCRETE CATCH-BASIN/MANHOLE	80.72(N/E)	80.41(SE)	TO OPSD 70.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S28 & S28.1 OR OPSD 401.010
SANITARY SEWER						
MH-SA1	83.30	1200mm	PRECAST CONCRETE MANHOLE	81.83(NW)	81.73(SE)	TO OPSD 70.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S28 & S28.1 OR OPSD 401.010



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No.	DATE	REVISION				

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

Project
PROPOSED 3-STORY
OAC WOMEN'S SHELTER
250 FORESTGLADE
CRESCENT
OTTAWA, ONTARIO

Drawing Title
DETAILS

Engineer's Seal

Drawn

D.B.G.

H. Scale

1:200

V. Scale

1:20

Date

FEB 14-25

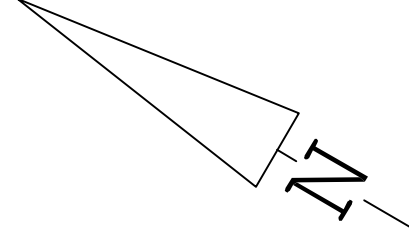
Job No.

24053

Drawing No.

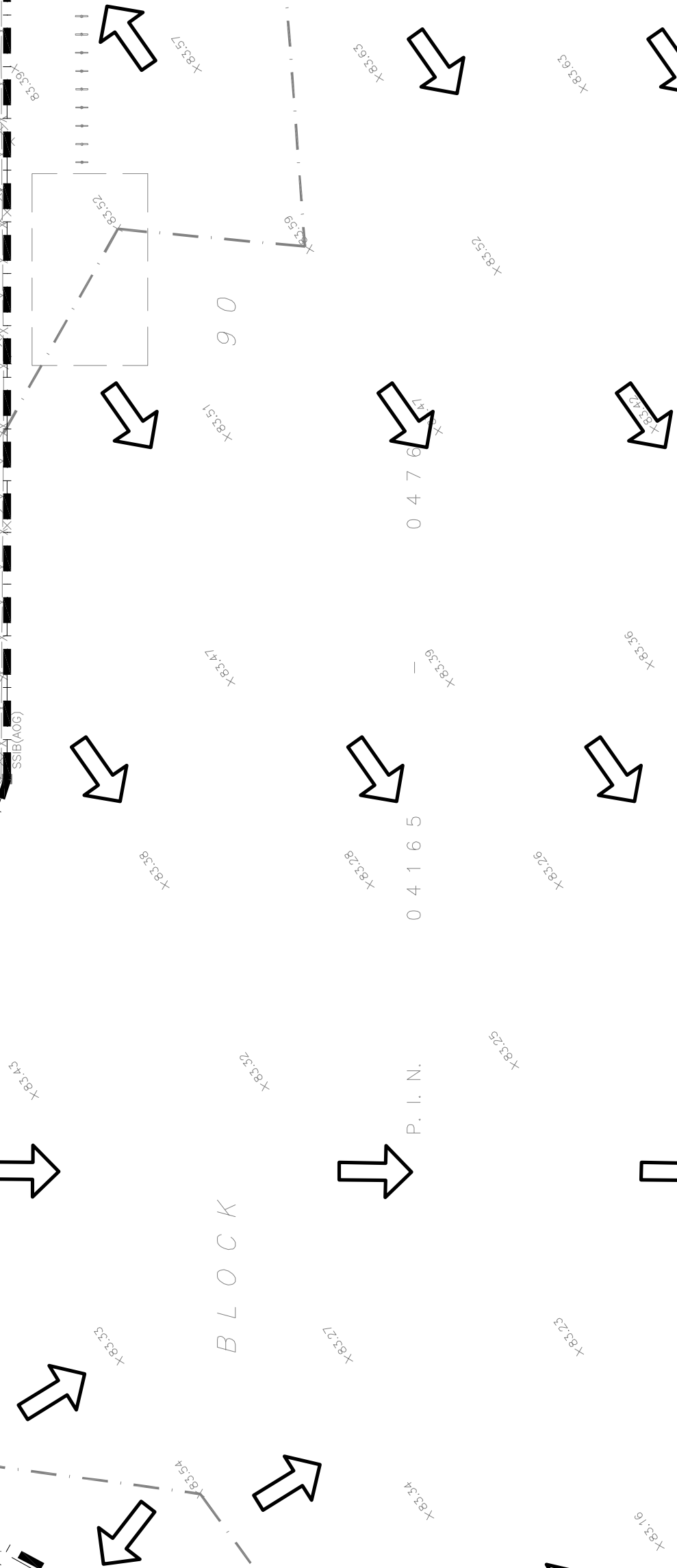
C-5 of 7

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By Sole Soyak at 12:01 pm, Aug 22, 2025

**SOLE SOYAK
PLANNER II
PLANNING, DEVELOPMENT AND BUILDING SERVICES
DEPARTMENT, CITY OF OTTAWA**



REFER TO NOTES & DETAILS
ON DRAWINGS C-4 & C-5

DRAINAGE AREA

5 YEAR
RUNOFF
COEFFICIENT

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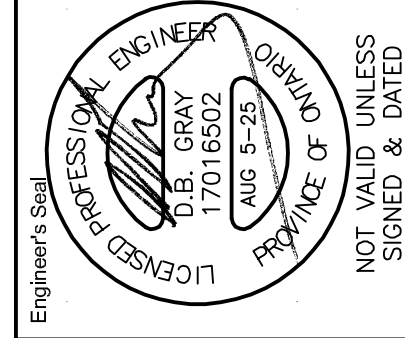
D B GRAY ENGINEERING INC

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 Ottawa, Ontario
 613-425-8044
 d.gray@dbgravengineering.com

Project **PROPOSED 3-STORY
OAC WOMEN'S SHELTER
250 FORESTGLADE
CRESCENT
OTTAWA, ONTARIO**

Drawing Title

PRE-DEVELOPMENT DRAINAGE PLAN

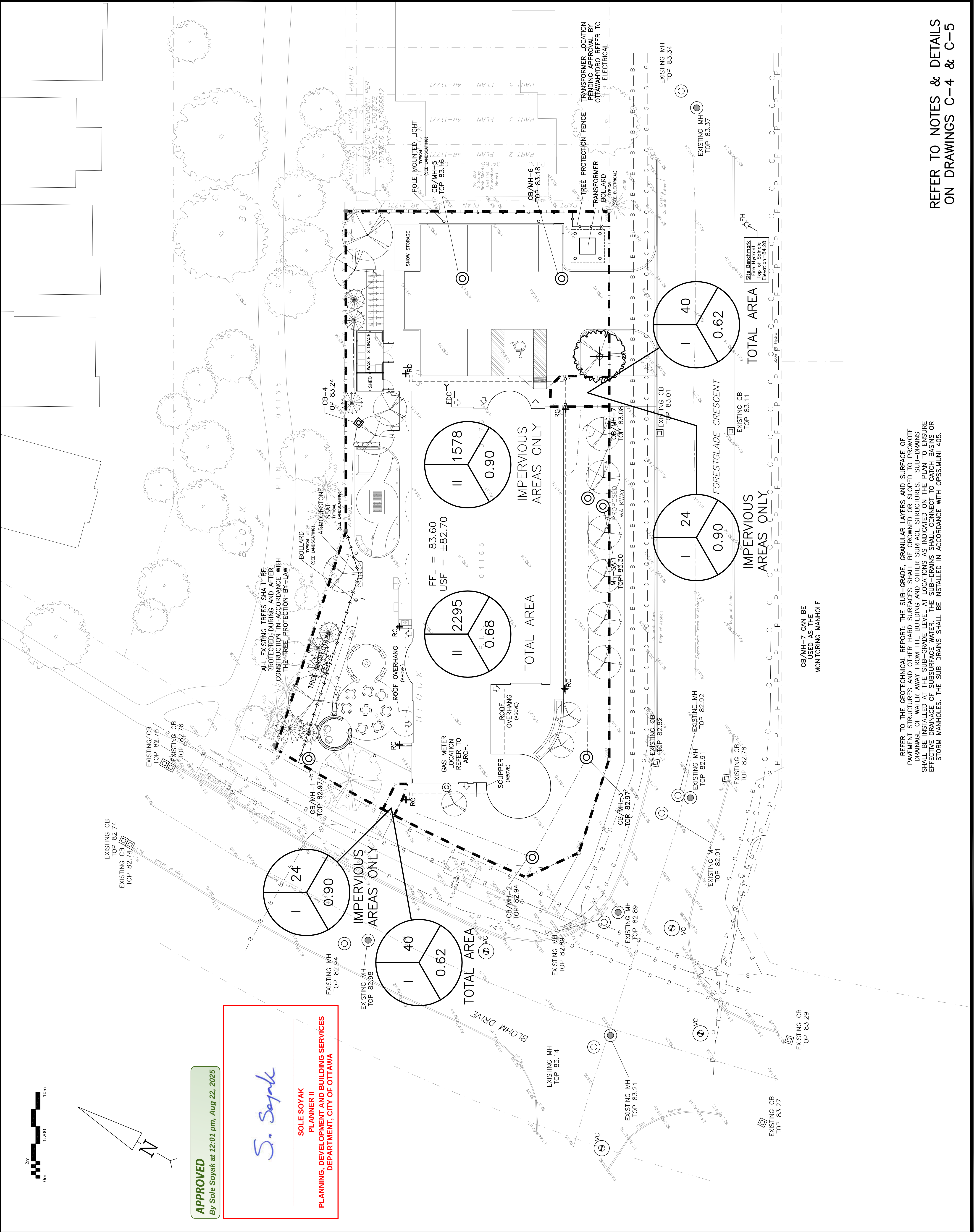


Drawn	D.B.G
H. Scale	1:200
V. Scale	
Date	FEB 14-25
Job No.	24053

Drawing No.
C-6
of 7

#1930C

D07-12-25-0046



LEGEND

DRAINAGE AREA (sq.m)

5 YEAR RUNOFF COEFFICIENT

KEY PLAN

REVISIONS

No.	DATE	REVISION
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**PROPOSED 3-STORY
OAC WOMEN'S SHELTER
250 FORESTGLADE
CRESCENT**

OTTAWA, ONTARIO

**POST DEVELOPMENT
DRAINAGE PLAN**

Professional Engineer Stamp

Engineer's Seal
D.B.G.
H. Scale 1:200
V. Scale 1:200
Date FEB 14-25
Job No. 24053
Drawing No. C-7 of 7
NOT VALID UNLESS SIGNED & DATED

Project Information

Project: 0046-12-25-07
Drawing No. C-7 of 7
#19300

REFER TO NOTES & DETAILS
ON DRAWINGS C-4 & C-5