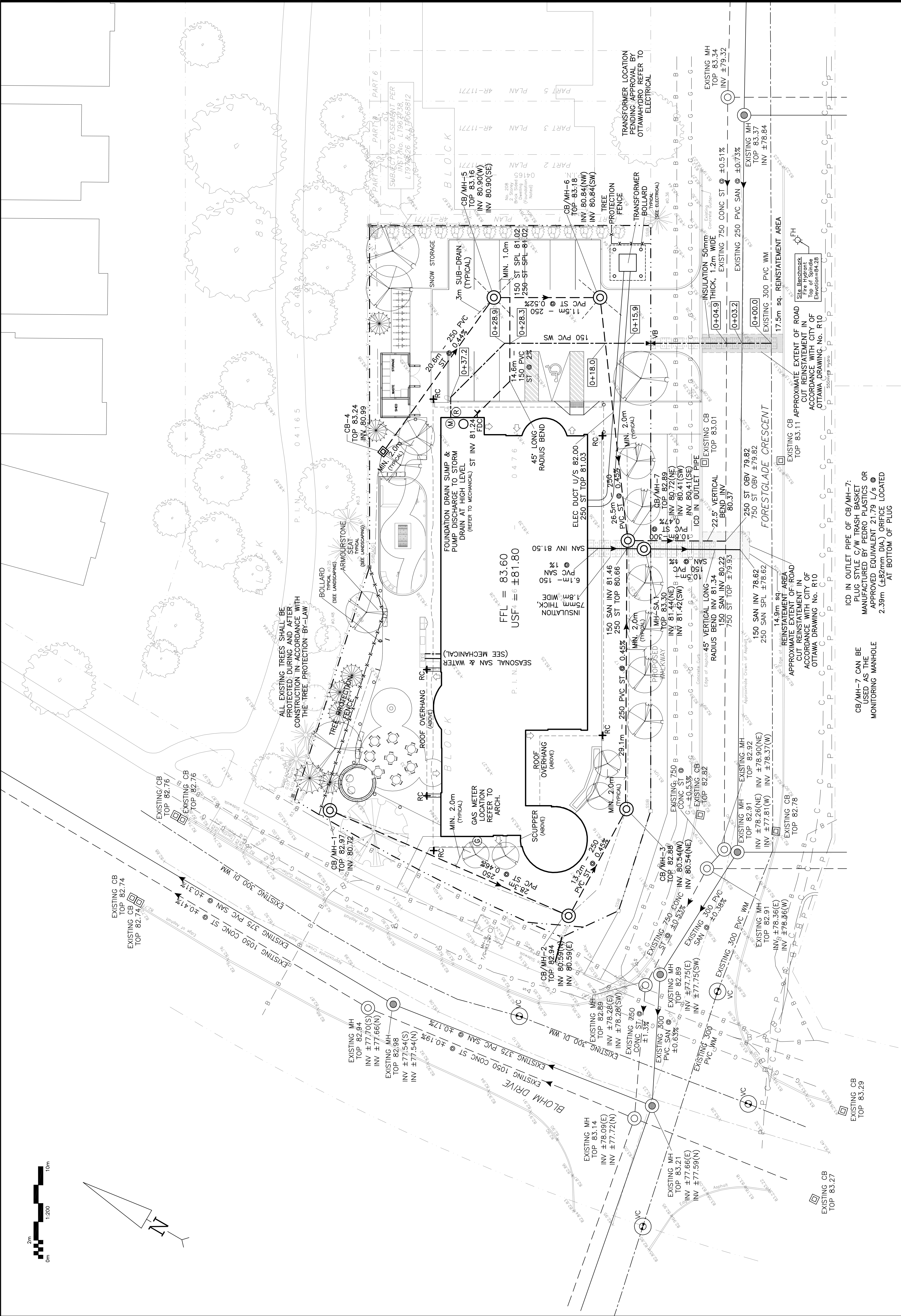




THE UNDERLYING NATIVE SOIL INCLUDES POTENTIAL SENSITIVE LEDA CLAY. REFER TO THE GEOTECHNICAL REPORT. THE CONTRACTOR SHALL USE SUITABLE MEANS AND METHODS OF EXCAVATION SO NOT TO CAUSE DISTURBANCE TO THE POTENTIALLY SENSITIVE LEDA CLAY. AFTER EXCAVATING, THE SUBGRADE (INCLUDING SERVICE AND UTILITY TRENCH SUBGRADES, OR ENGINEERED FILL REPLACEMENT OF UNSUITABLE MATERIALS) SHALL BE INSPECTED AND APPROVED BY A QUALIFIED GEOTECHNICAL CONSULTANT PRIOR TO PLACEMENT OF THE BEDDING LAYER, THE SERVICE PIPE AND/OR UTILITY INSTALLATION, AND THE COVER/SURROUND MATERIAL. THE PREPARED SUBGRADE SHOULD ALSO BE PROTECTED FROM DISTURBANCE BY CONSTRUCTION TRAFFIC, EXCESSIVE WETTING OR DRYING, OR FREEZING. NO MORE THAN 15 m OF TRENCH SHOULD BE OPEN IN ADVANCE OF THE COMPLETED SERVICE/UTILITY INSTALLATION. IF THE EXPOSED NATIVE SENSITIVE CLAY SOIL IS ASSESSED ON SITE BY THE GEOTECHNICAL CONSULTANT AND CONFIRMED THAT IT WILL BE DISTURBED BY BACKFILL COMPACTION, UNSHRINKABLE FILL (U-FILL) AS PER OPSS.MUNI 1359 MAY BE USED IN LIEU THE BEDDING LAYER AND COVER/SURROUND MATERIAL.

REFER TO THE GEOTECHNICAL REPORT: THE SUB-GRADE AND SURFACE OF STRUCTURES SHALL BE CROWNED OR SLOPED TO PROMOTE DRAINAGE OF WATER AWAY FROM THE STRUCTURE SURFACE, GRANULAR LAYERS, AND SUB-GRADE. PERFORATED SUB-DRAINS SHALL BE PROVIDED ALONG THE SIDES OF STRUCTURE FOR THE ENTIRE LENGTH. SUB-DRAINS SHALL BE INSTALLED AT THE SUB-GRADE LEVEL TO ENSURE EFFECTIVE DRAINAGE OF SUBSURFACE WATER. THE PERFORATED PIPES SHOULD BE ENCLOSED WITH FREE DRAIN GRANULAR MATERIAL (OPSS.MUNI 1004 19 mm CLEAR STONE OR APPROVED EQUIVALENT) AND WRAPPED UP WITH CLASS II NON-WOVEN GEOTEXTILE AS PER OPSS.MUNI 1860 (TERRAFIX 360R OR APPROVED EQUIVALENT). THE SUB-DRAINS SHALL CONNECT TO CATCH BASINS OR STORM MANHOLES. THE SUB-DRAINS SHALL BE INSTALLED IN ACCORDANCE WITH OPSS.MUNI 405.

CB/MH-7 CAN BE USED AS THE MONITORING MANHOLE

ICD IN OUTLET PIPE OF CB/MH-7: PLUG STYLE C/W TRASH BASKET MANUFACTURED BY PEDRO PLASTICS OR APPROVED EQUIVALENT 21.79 L/s @ 2.39m (±82mm DIA.) ORIFICE LOCATED AT BOTTOM OF PLUG

Engineer's Seal

PROFESSIONAL ENGINEER

D.B. GRAY

1990-05-23

MAY 7-25

PROVINCE OF ONTARIO

Drawn

D.B.G.

H. Scale

1:200

V. Scale

1:200

Date

FEB 14-25

Job No.

24053

Drawing No.

C-1

of 7

NOT VALID UNLESS SIGNED & DATED

SITE SERVICING PLAN

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

OTTAWA, ONTARIO

D.B. GRAY ENGINEERING INC.
Stormwater Management Consulting & Drainage Design & Survey Services / Planners
700 Long Point Circle
Ottawa, Ontario
d.gray@dbgrayengineering.com
613-425-8044

No.	DATE	REVISION
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

KEY PLAN

LEGEND

FFL FIRST FLOOR ELEVATION
USF UNDERSIDE OF FOOTING
PROPERTY LINE

CB CATCH BASIN
MH MANHOLE
CB/MH CATCH BASIN/MANHOLE
MH MANHOLE
VC VALVE CHAMBER
DS DOWNSPOUT
FH FIRE HYDRANT
RC RAINCHAIN
FDC FIRE DEPARTMENT CONNECTION
VB VALVE & VALVE BOX
WATER METER
REMOTE WATER METER
SANITARY SEWER
ST STORM SEWER
WS/WM WATER SERVICE/WATERMAIN
OBV OBVERT OF PIPE
SPL SPRINGLINE OF PIPE
INV INVERT OF PIPE
CENTERLINE OF SWALE
150mm BARRIER CURB
DEPRESSED CURB
D.C.