



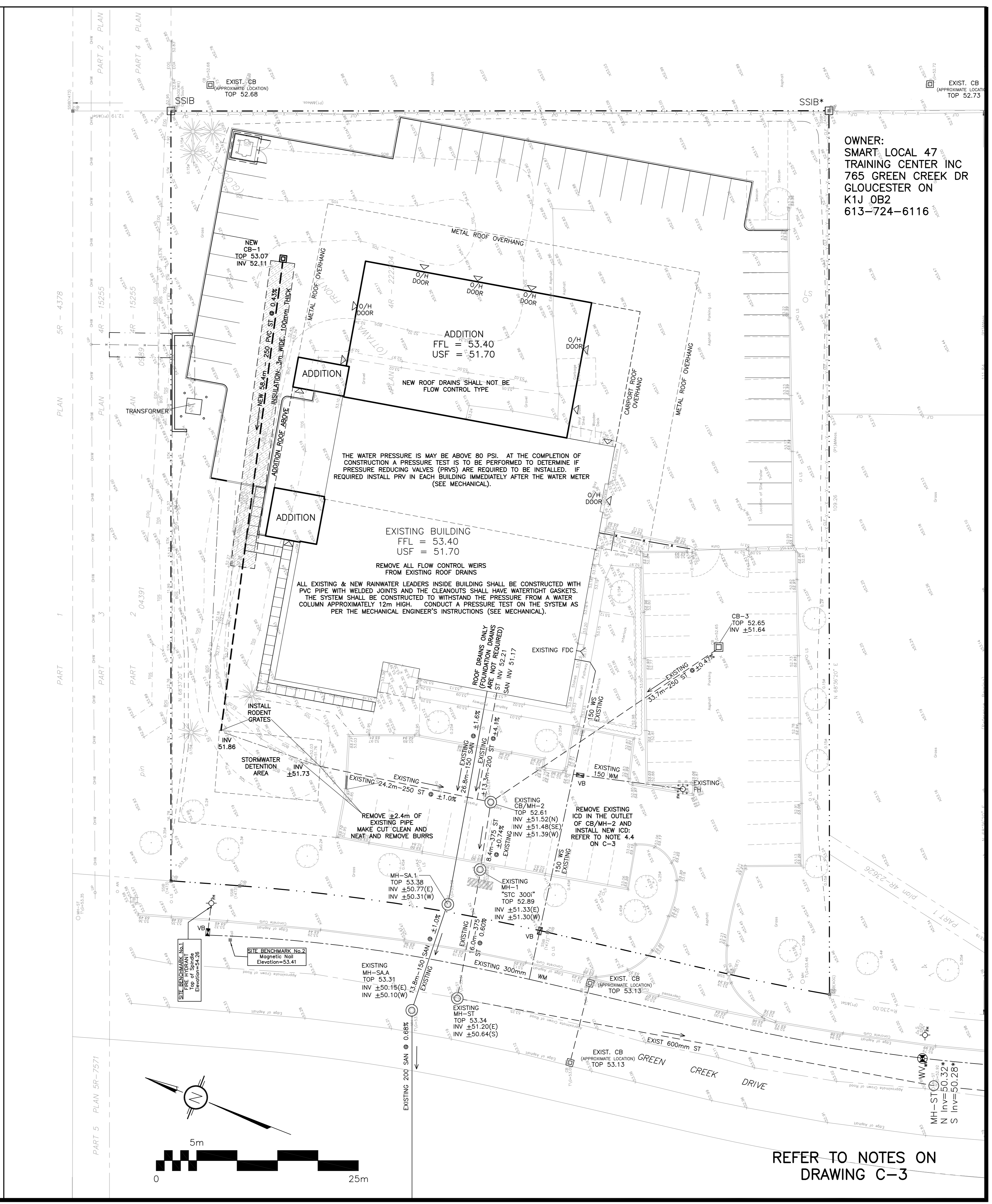
H (DEPTH OF COVER)	INSULATION THICKNESS	W (WIDTH OF INSULATION)
1400 TO 2000mm	50mm	1200mm + DIAMETER OF PIPE
1100 TO 1400mm	75mm	1800mm + DIAMETER OF PIPE
LESS THAN 1100mm	100mm	2400mm + DIAMETER OF PIPE

INSULATE SEWER AS INDICATED AND WHERE DEPTH OF COVER IS LESS THAN 2000mm. CENTER INSULATION OVER PIPE. JOINTS BETWEEN SHEETS OF INSULATION SHALL BE STAGGERED.

INSULATION OF SEWERS IN SHALLOW TRENCHES
N.T.S

CATCH-BASIN & MANHOLE SCHEDULE

REF	TOP	SIZE	TYPE	INVERT AT INLET	INVERT AT OUTLET	NOTES
STORM SEWER						
CB-1	53.07	600 x 600mm	PRE-CAST CONCRETE CATCH-BASIN	-	52.11	TO OPSD 705.010 & CITY OF OTTAWA STANDARDS - FRAME & COVER TO CITY OF OTTAWA DRAWING No. S19.1



OWNER:
SMART LOCAL 47
TRAINING CENTER INC
765 GREEN CREEK DR
GLOUCESTER ON
K1J 0B2
613-724-6116

DRAWING LEGEND

- CB [Symbol] CATCH BASIN
- MH [Symbol] MANHOLE
- CB/MH [Symbol] CATCH BASIN/MANHOLE
- SPL [Symbol] SPRINGLINE OF PIPE
- INV [Symbol] INVERT OF PIPE
- SAN [Symbol] SANITARY SEWER
- ST [Symbol] STORM SEWER
- WS/WM [Symbol] WATER SERVICE/WATERMAIN
- CS [Symbol] CURB STOP & STANDPOST
- VB [Symbol] VALVE & VALVE BOX
- FH [Symbol] FIRE HYDRANT
- FDC [Symbol] FIRE DEPARTMENT CONNECTION
- [Symbol] WATER METER
- [Symbol] EXISTING GRADE ELEVATION
- + [Symbol] PROPOSED GRADE ELEVATION
- [Symbol] EXISTING SLOPE OF GRADE
- [Symbol] PROPOSED SLOPE OF GRADE
- [Symbol] EMERGENCY OVERLAND FLOW
- [Symbol] T.O.S. TOP OF SLOPE
- [Symbol] B.O.S. BOTTOM OF SLOPE
- [Symbol] CENTERLINE OF SWALE
- [Symbol] PROPERTY LINE
- [Symbol] SILT FENCE BARRIER
- [Symbol] 150mm CURB/DEPRESSED CURB
- [Symbol] LIGHT-DUTY PAVEMENT
- [Symbol] HEAVY-DUTY PAVEMENT
- [Symbol] CONCRETE
- [Symbol] LANDSCAPE
- FFL [Symbol] FIRST FLOOR ELEVATION
- TOF [Symbol] TOP OF FOUNDATION
- USF [Symbol] UNDERSIDE OF FOOTING

KEY PLAN



No.	DATE	REVISION
5	APR 21-23	RE-ISSUED FOR APPROVAL
4	JUN 30-22	RE-ISSUED FOR APPROVAL
3	MAR 26-21	ISSUED FOR APPROVAL
2	DEC 4-20	ISSUED FOR BUILDING PERMIT
1	SEP 10-20	ISSUED FOR COORDINATION

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
SMART LOCAL 47 TRAINING CENTRE
765 GREEN CREEK DRIVE
OTTAWA, ONTARIO

Drawing Title
SITE SERVICING PLAN

Engineer's Seal

 Drawn D.B.G.
 Hor. Scale 1:250
 Vert. Scale
 Date SEP 10-20
 Job 20014
 Drawing No.
C-1
 of 3
 #18689

REFER TO NOTES ON DRAWING C-3

D07-12-21-0235