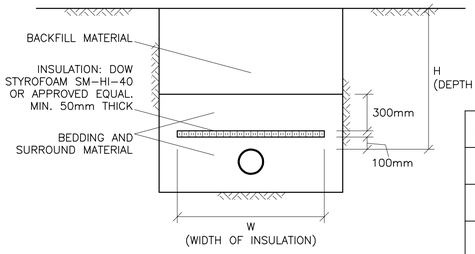
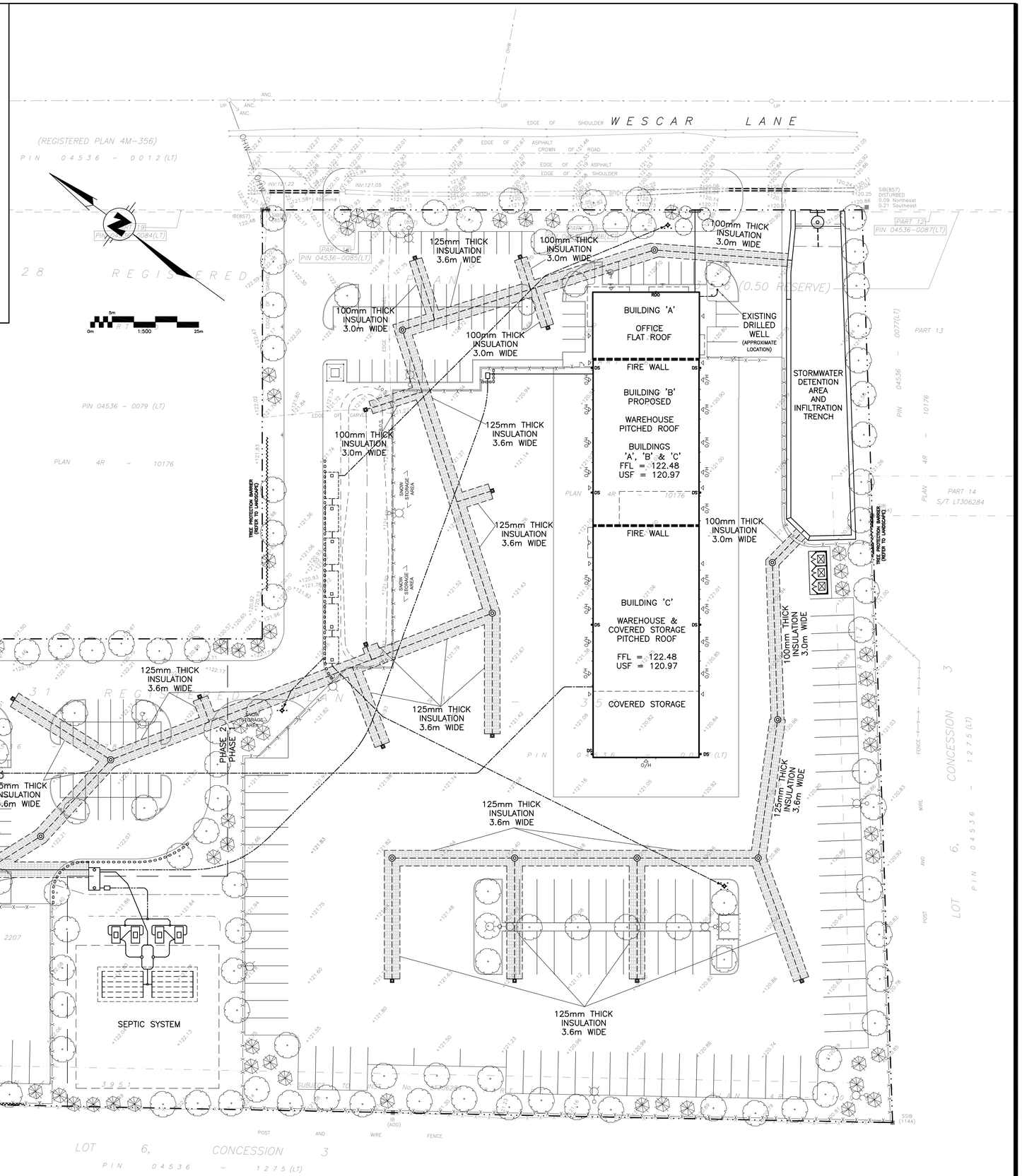


H (DEPTH OF COVER)	INSULATION THICKNESS	W (WIDTH OF INSULATION)
1400 TO 2000mm	50mm	1200mm + DIAMETER OF PIPE
1100 TO 1400mm	75mm	1800mm + DIAMETER OF PIPE
800 TO 1100mm	100mm	2400mm + DIAMETER OF PIPE
LESS THAN 800mm	125mm	3000mm + DIAMETER OF PIPE

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.

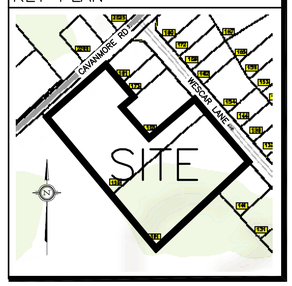
INSULATION OF SEWERS IN SHALLOW TRENCHES
N.T.S



LEGEND

FFL	FINISHED FLOOR ELEVATION
USF	UNDERSIDE OF FOOTING
	PROPERTY LINE
CB	CATCH-BASIN
MH	STORM MANHOLE
CB/MH	CATCH-BASIN/MANHOLE
SAN	SANITARY SEWER
SAN	SANITARY FORCEMAIN
ST	STORM SEWER
WL/WM	WELL WATER LINE/WATERMAIN
SPL	SPRINGLINE OF PIPE
INV	INVERT OF PIPE
T.O.S	TOP OF SLOPE
B.O.S	BOTTOM OF SLOPE
	CENTERLINE OF SWALE
	150mm BARRIER CURB

KEY PLAN



No.	DATE	REVISION
5	AUG 22-24	RE-ISSUED FOR APPROVAL
4	JUL 10-24	ISSUED FOR BUILDING PERMIT
3	DEC 13-23	RE-ISSUED FOR APPROVAL
2	AUG 31-23	ISSUED FOR APPROVAL
1	AUG 16-23	ISSUED FOR COORDINATION

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

Project
SUNBELT RENTALS INC.– EQUIPMENT MAINTENANCE FACILITY
CARP, ONTARIO

Drawing Title
SEWER INSULATION

Engineer's Seal
LICENSED PROFESSIONAL ENGINEER
D.B. GRAY
17016502
AUG 22-24
PROVINCE OF ONTARIO
NOT VALID UNLESS SIGNED & DATED

Drawn	D.B.G
H. Scale	1:500
V. Scale	
Date	AUG 16-23
Job No.	22111

Drawing No.
C-6
of 17

REFER TO NOTES, DETAILS & SCHEDULES ON DRAWINGS C-7, C-8, C-9, C-14 & C-15