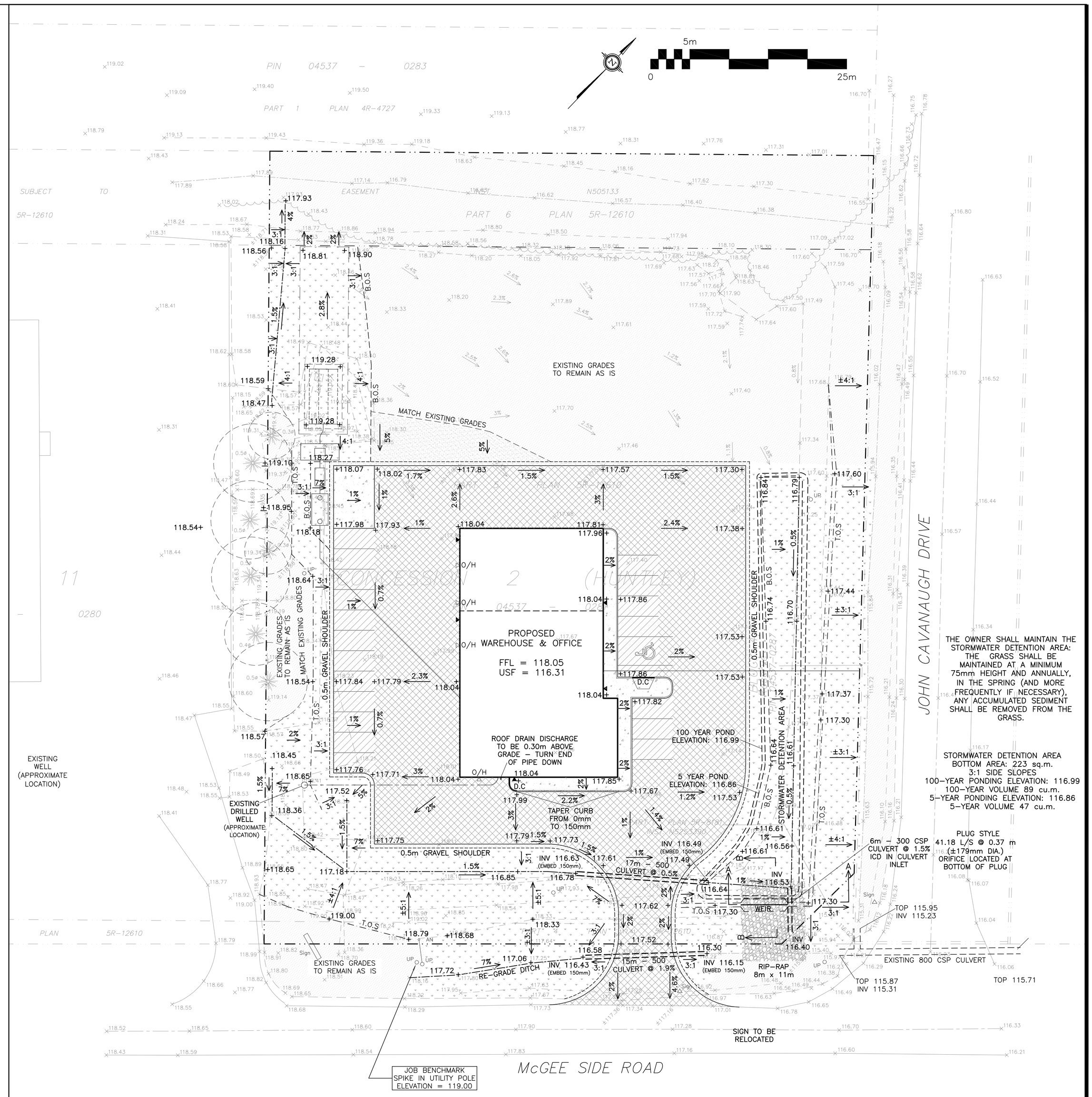
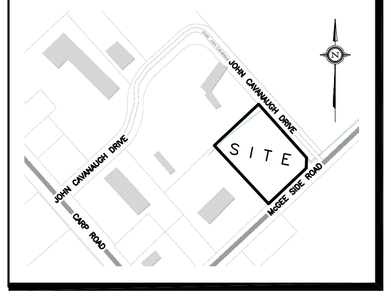


REFER TO NOTES & DETAILS ON DRAWINGS C–4 & C–5

DRAWING LEGEND

INV	INVERT OF PIPE
SAN	SANITARY SEWER
WL	WATER LINE
×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
	SILT BARRIER FENCE
	PROPERTY LINE
D.C	150mm CURB/DEPRESSED CURB
	LIGHT–DUTY PAVEMENT
	HEAVY–DUTY PAVEMENT
	CONCRETE
	LANDSCAPE
C.R.Z	CRITICAL ROOT ZONE
FFL	FIRST FLOOR ELEVATION
USF	UNDERSIDE OF FOOTING

KEY PLAN



THE OWNER SHALL MAINTAIN THE STORMWATER DETENTION AREA: THE GRASS SHALL BE MAINTAINED AT A MINIMUM 75mm HEIGHT AND ANNUALLY, IN THE SPRING (AND MORE FREQUENTLY IF NECESSARY), ANY ACCUMULATED SEDIMENT SHALL BE REMOVED FROM THE GRASS.

STORMWATER DETENTION AREA
BOTTOM AREA: 223 sq.m.
3:1 SIDE SLOPES
100–YEAR PONDING ELEVATION: 116.99
100–YEAR VOLUME 89 cu.m.
5–YEAR PONDING ELEVATION: 116.86
5–YEAR VOLUME 47 cu.m.

PLUG STYLE
41.18 L/S @ 0.37 m
(±179mm DIA.)
ORIFICE LOCATED AT BOTTOM OF PLUG

No.	DATE	REVISION
2	MAR 12–21	ISSUED FOR APPROVAL
1	JAN 27–21	ISSUED FOR REVIEW & 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

CLS ROOFING LTD
OFFICE & WAREHOUSE
2167 McGEE SIDE ROAD
OTTAWA, ONTARIO

Drawing Title

GRADING PLAN

Engineer's Seal

LICENSED PROFESSIONAL ENGINEER
D.B. GRAY
17016502
MAR 12–21
PROVINCE OF ONTARIO
NOT VALID UNLESS SIGNED & DATED

Drawn	D.B.G
Hor. Scale	1:250
Vert. Scale	
Date	NOV 18–20
Job No.	20086

Drawing No.

C–2
of 5