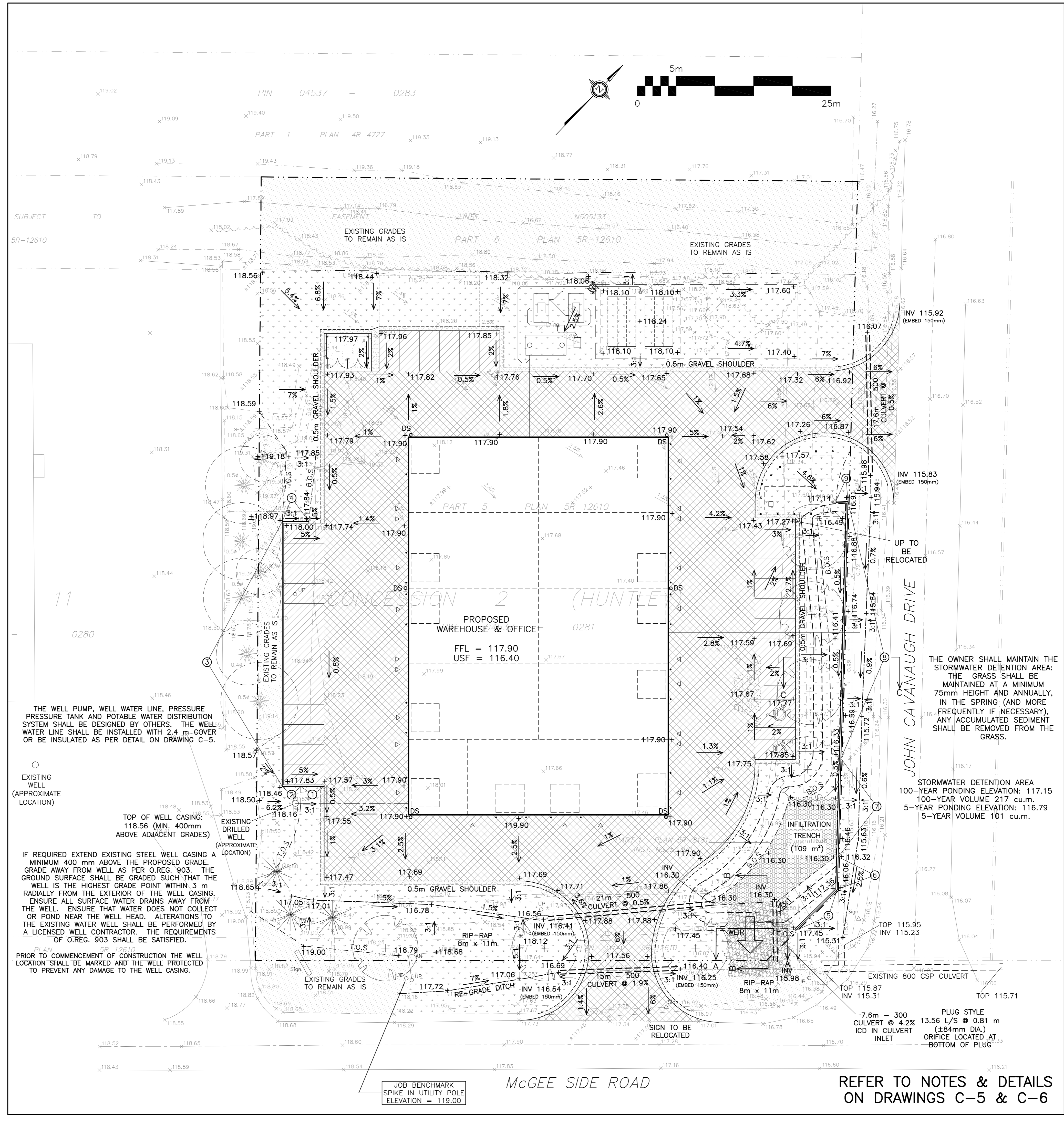


REF	TOP OF WALL	BOTTOM OF WALL	HEIGHT	NOTES
①	117.72 TO 118.38	117.57 TO 117.72	0.15m TO 0.66m	TO BE DESIGNED BY STRUCTURAL
②	118.38 TO 118.46	117.72 TO 117.83	0.66m TO 0.63m	TO BE DESIGNED BY STRUCTURAL
③	118.46 TO 118.97	117.83 TO 118.00	0.63m TO 0.97m	TO BE DESIGNED BY STRUCTURAL
④	118.97 TO 117.99	118.00 TO 117.84	0.97m TO 0.15m	TO BE DESIGNED BY STRUCTURAL
⑤	117.45	117.45 TO 116.06	0.00m TO 1.39m	TO BE DESIGNED BY STRUCTURAL
⑥	117.45	116.06 TO 116.32	1.39m TO 1.13m	TO BE DESIGNED BY STRUCTURAL
⑦	117.45	116.32 TO 116.55	1.13m TO 0.90m	TO BE DESIGNED BY STRUCTURAL
⑧	117.45	116.55 TO 116.91	0.90m TO 0.54m	TO BE DESIGNED BY STRUCTURAL
⑨	117.45	116.91 TO 117.14	0.54m TO 0.31m	TO BE DESIGNED BY STRUCTURAL



THE WELL PUMP, WELL WATER LINE, PRESSURE PRESSURE TANK AND POTABLE WATER DISTRIBUTION SYSTEM SHALL BE DESIGNED BY OTHERS. THE WELL WATER LINE SHALL BE INSTALLED WITH 2.4 m COVER OR BE INSULATED AS PER DETAIL ON DRAWING C-5.

EXISTING WELL (APPROXIMATE LOCATION)

TOP OF WELL CASING: 118.56 (MIN. 400mm ABOVE ADJACENT GRADES)

IF REQUIRED EXTEND EXISTING STEEL WELL CASING A MINIMUM 400 mm ABOVE THE PROPOSED GRADE. GRADE AWAY FROM WELL AS PER O.REG. 903. THE GROUND SURFACE SHALL BE GRADED SUCH THAT THE WELL IS THE HIGHEST GRADE POINT WITHIN 3 m RADIALLY FROM THE EXTERIOR OF THE WELL CASING. ENSURE ALL SURFACE WATER DRAINS AWAY FROM THE WELL. ENSURE THAT WATER DOES NOT COLLECT OR POND NEAR THE WELL HEAD. ALTERATIONS TO THE EXISTING WATER WELL SHALL BE PERFORMED BY A LICENSED WELL CONTRACTOR. THE REQUIREMENTS OF O.REG. 903 SHALL BE SATISFIED.

PRIOR TO COMMENCEMENT OF CONSTRUCTION THE WELL LOCATION SHALL BE MARKED AND THE WELL PROTECTED TO PREVENT ANY DAMAGE TO THE WELL CASING.

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.

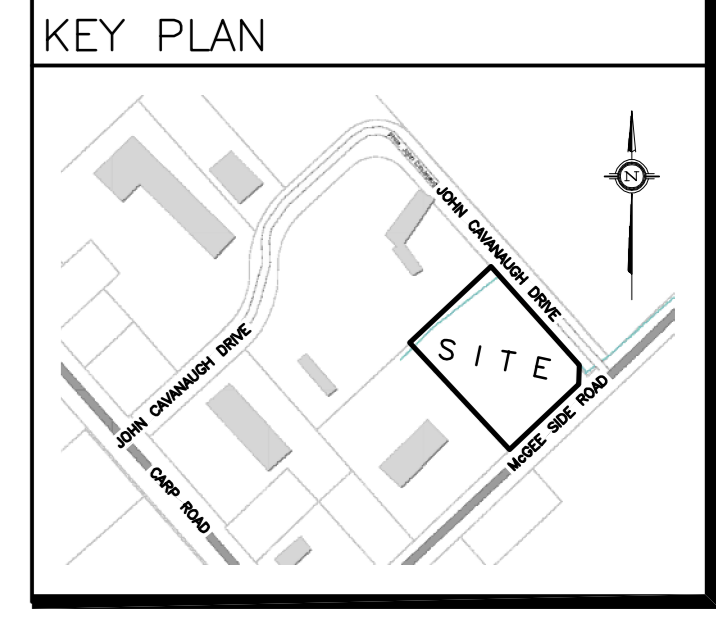
STORMWATER DETENTION AREA  
100-YEAR PONDING ELEVATION: 117.15  
100-YEAR VOLUME 217 cu.m.  
5-YEAR PONDING ELEVATION: 116.79  
5-YEAR VOLUME 101 cu.m.

JOB BENCHMARK SPIKE IN UTILITY POLE ELEVATION = 119.00

REFER TO NOTES & DETAILS ON DRAWINGS C-5 & C-6

**DRAWING LEGEND**

INV	INVERT OF PIPE
SAN	SANITARY SEWER
WL	WATER LINE
DS	EAVE TROUGH DOWNSPOUT
+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
F.F.L	FIRST FLOOR ELEVATION
U.S.F	UNDERSIDE OF FOOTING
→	EMERGENCY OVERLAND FLOW



No.	DATE	REVISION
5	JUN 29-23	ISSUED FOR APPROVAL
4	JUN 23-23	RE-ISSUED FOR COORDINATION
3	JUN 13-23	RE-ISSUED FOR COORDINATION
2	JUN 8-23	ISSUED FOR COORDINATION
1	APR 19-23	ISSUED FOR CLIENT REVIEW

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

Project  
**OFFICE & WAREHOUSE**  
2167 McGEE SIDE ROAD  
OTTAWA, ONTARIO

Drawing Title  
**GRADING PLAN**

Engineer's Seal  
LICENSED PROFESSIONAL ENGINEER  
D.B. GRAY  
17016502  
JUN 29-23  
PROVINCE OF ONTARIO

Drawn: D.B.G.  
Hor. Scale: 1:250  
Vert. Scale: 1:250  
Date: APR 19-23  
Job No.: 23024

Drawing No.:  
**C-3**  
of 7

NOT VALID UNLESS SIGNED & DATED