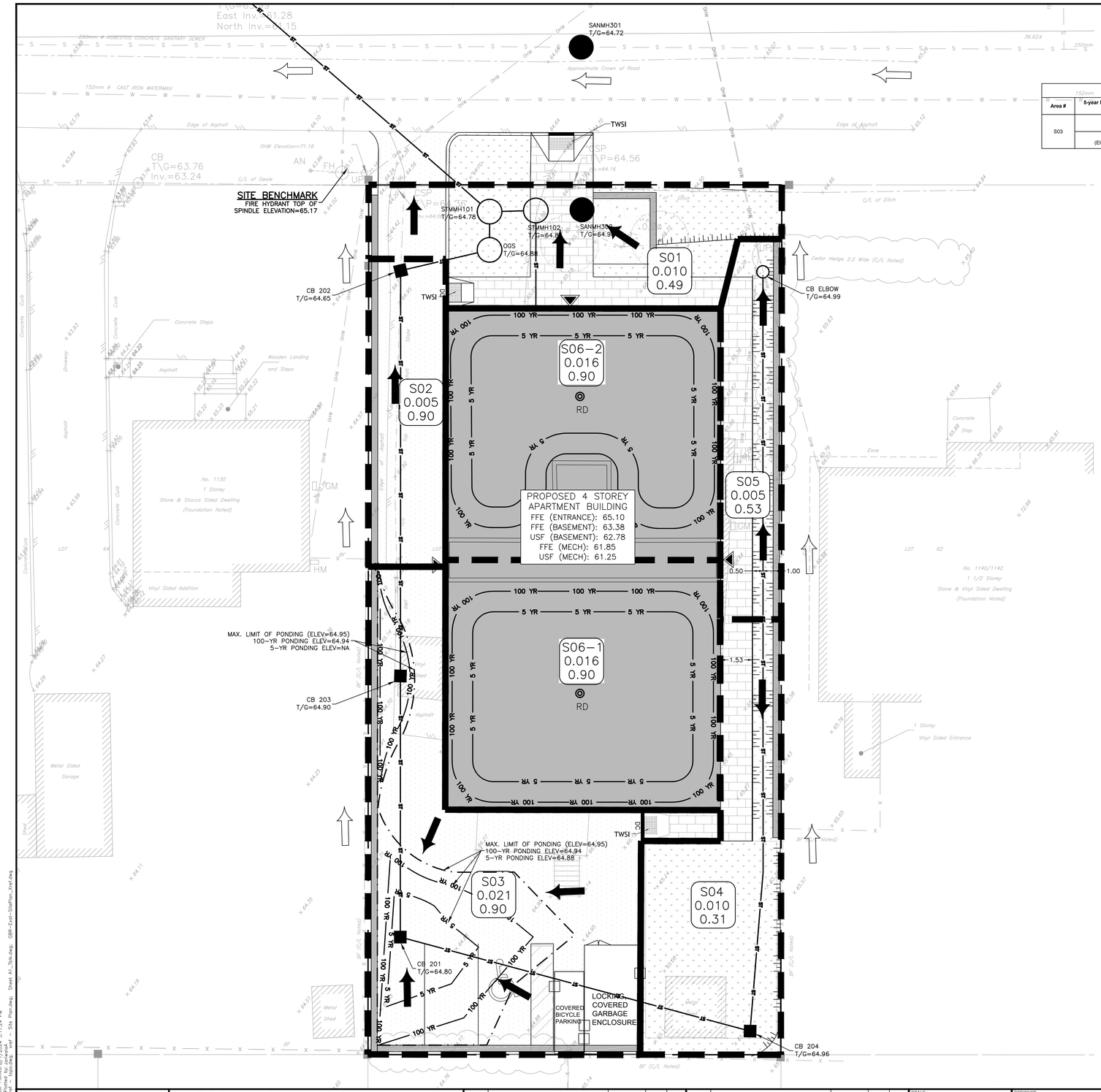

ROOF PONDING TABLE

Area #	5-year Ponding Depth (mm)	100-year Ponding Depth (mm)	Weir Type	No of Weirs per Drain	Weir Position
S06-1	111	148	WATTS ACCUTROL	1	3-1/4 open
S06-2	111	148	WATTS ACCUTROL	1	3-1/4 open

SURFACE PONDING TABLE

Area #	5-year Ponding Depth (mm)	5-year Ponding Area (m2)	100-year Ponding Depth (mm)	100-year Ponding Area (m2)	Control Type	Ponding Location	Max. Ponding Depth (mm)
S03	NA	NA	40 (Elev.=64.94)	8	ICD (at CB203)	CB-203 (T/G=64.90m)	50 (Elev.=64.95m)
	88 (Elev.=64.88)	15	140 (Elev.=64.94)	41	ICD (at CB203)	CB-201 (T/G=64.80m)	150 (Elev.=64.95m)

KEY PLAN

LEGEND

- PROPOSED ASPHALT AREA
- PROPOSED CONCRETE PAD
- PROPOSED BRICK INTERLOCK
- PROPOSED GRASS AREA
- PROPERTY LINE
- EXISTING SANITARY SEWER — SA — SA
- EXISTING STORM SEWER — ST — ST
- EXISTING WATERMAIN — W — W
- EXISTING FENCE — X — X
- EXISTING TREE AND SHRUB
- EXISTING RETAINING WALL — RWT
- EXISTING OVERHEAD WIRE — OH — OH
- EXISTING ELEVATION × 65.45
- PROPOSED MAINTENANCE HOLE
- PROPOSED CATCHBASIN
- PROPOSED TERRACING
- PROPOSED TWSI
- PROPOSED RETAINING WALL/CURB — 64.5 TW/TC
- PROPOSED DRAINAGE SLOPE — 7.5%
- PROPOSED SWALE
- PROPOSED OVERLAND FLOW ROUTE (ON-SITE)
- PROPOSED OVERLAND FLOW ROUTE (OFF-SITE)
- PROPOSED CATCHMENT BOUNDARY
- PROPOSED CATCHMENT AREA — AREA: B1; 0.014; 0.58 — RUNOFF COEFFICIENT
- BUILDING ENTRANCE

CAUTION
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

JOB BENCH MARK JBM▲
FIRE HYDRANT TOP OF SPINDLE ELEVATION=65.17

TOPOGRAPHIC INFORMATION
PART OF LOT 63, REGISTERED PLAN 96, CITY OF OTTAWA.
TOPOGRAPHIC INFORMATION PROVIDED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD. O.L.S (V-53820) SURVEY DATED JULY 27, 2023.
SITE GRID SYSTEM MTM NAD 83, ZONE 9.

REV	REVISION DESCRIPTION	DATE	BY	APPD
1	ISSUED FOR SPA	06/08/24	AJ	AA

SCALE: 0 1m 2m 4m HORIZONTAL 1:100
NORTH

DESIGNED BY: A. K. JARIWALA, 100562090, 2024/08/06, LICENSED PROFESSIONAL ENGINEER, PROVINCE OF ONTARIO
REVIEWED BY: M.A. ANSARI, 2024/08/06, LICENSED PROFESSIONAL ENGINEER, PROVINCE OF ONTARIO

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BASEPLAN: ZW
DESIGN: ZW
CHECKED: AJ
CAD: ZW
PROJECT MANAGER: AJ
APPROVED: AA

PROJECT: 1136 GABRIEL STREET OTTAWA, ONTARIO.

TITLE: POST-DEVELOPMENT DRAINAGE PLAN

PROJECT No. OTT-24006874-A0
SURVEY: AOV
DATE: 27/07/2023
DRAWING No. C500

Filename: \\exp\ott\ott\ott-24006874-a0\00 execution\05 drawing\ott-24006874-a0 - gabriel - civil_c500.dwg
Last Saved:8/1/2024 5:10:23 PM - Last Plotted:8/1/2024 5:17:24 PM
Layout: C500 - Plotted by: ZWAHEER - Plot Scale: 1:1
References: Xrefs:-MTM-NAD83.dwg; xref-topo.dwg; xref-topo-dtm.dwg; xref-site plan.dwg; GBR-Exist-SitePlan_Xref.dwg