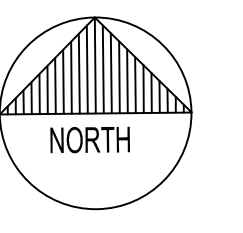
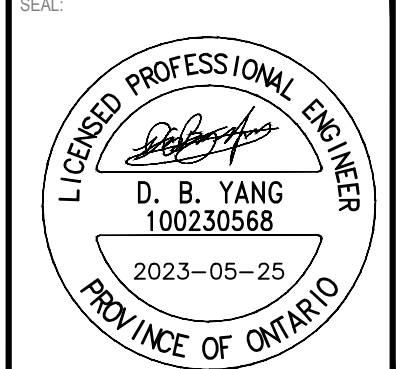


ELEVATION NOTES
 1. ELEVATIONS ARE GEODETIC AND REFERRED TO CITY OF OTTAWA VERTICAL BENCH MARK NO. 396 (01919680138), HAVING AN ELEVATION OF 95.06 METRES.



MATAJ ARCHITECTS INC.
 418 IRAQUOIS SHORE ROAD, UNIT 206
 OAKVILLE, ONTARIO
 CANADA L6H 0H7
 T: 416-897-2867
 E: EVA@MATAJARCHITECTS.COM



CLIENT:
 WATERIDGE
 APARTMENTS BUILDINGS
 1000/1050 TAWADINA
 ROAD, OTTAWA, ON



DISCLAIMER:
 THIS DRAWING AND DESIGN IS COPYRIGHT PROTECTED WHICH SHALL NOT BE USED, REPRODUCED OR REVISED WITHOUT WRITTEN PERMISSION BY WSP. THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND UTILITY LOCATIONS AND REPORT ALL ERRORS AND OMISSIONS PRIOR TO COMMENCING WORK.
 THIS DRAWING IS NOT TO BE SCALED.
 BENCH MARK NO. 01919680138 ELEVATION = 95.06 m
 ELEVATIONS ARE GEODETIC, REFERRED TO CITY OF OTTAWA VERTICAL BENCH MARK NO. 396 (01919680138), HAVING AN ELEVATION OF 95.06 METRES.
 COORDINATES ARE DERIVED FROM CANMET 2018 REAL TIME NETWORK GPS OBSERVATIONS REFERENCED TO SPECIFIED CONTROL POINTS 01919680105 AND 019484571. MTM ZONE 9 (19) 30 WEST (LONGITUDE 76°44'40" WEST).

ISSUED FOR - REVISION

NO.	DATE	DESCRIPTION
3	2023-05-25	REVISED AS PER CITY COMMENTS
2	2022-08-15	ISSUED FOR SPA
1	2022-05-24	ISSUED FOR CLC REVIEW

PROJECT NO: 221-04473-00 DATE: MAY 25, 2023

ORIGINAL SCALE: 1:150
 IF THIS BAR IS NOT 25mm LONG, ADJUST YOUR PLOTTING SCALE.

DESIGNED BY: DY
 DRAWN BY: JT
 CHECKED BY: DY

DISCIPLINE: CIVIL

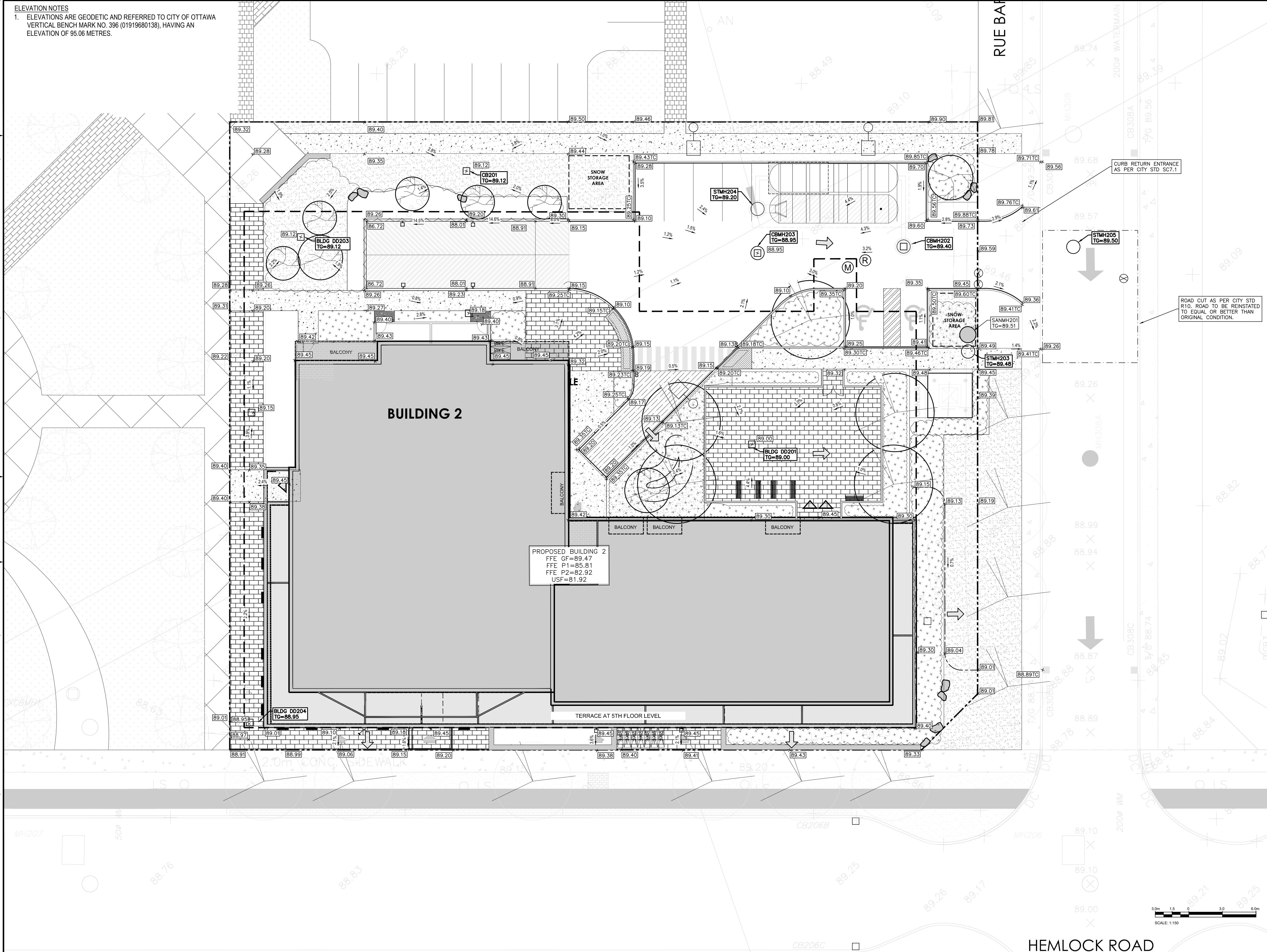
TITLE: GRANDING PLAN - BUILDING 2

SHEET NUMBER: C202

ISSUE: REVISED AS PER CITY COMMENTS

DATE OF: 2023-05-25

REV # 0



V:\10-13-11-2022\Projects\221-04473-00_Civil\3-Drawing\Working\dwg\2 Working\Drawings\Sheet - Building 2.dwg, 2023-05-25 10:50:13 AM BY (caw/207141)

D07-12-22-0122

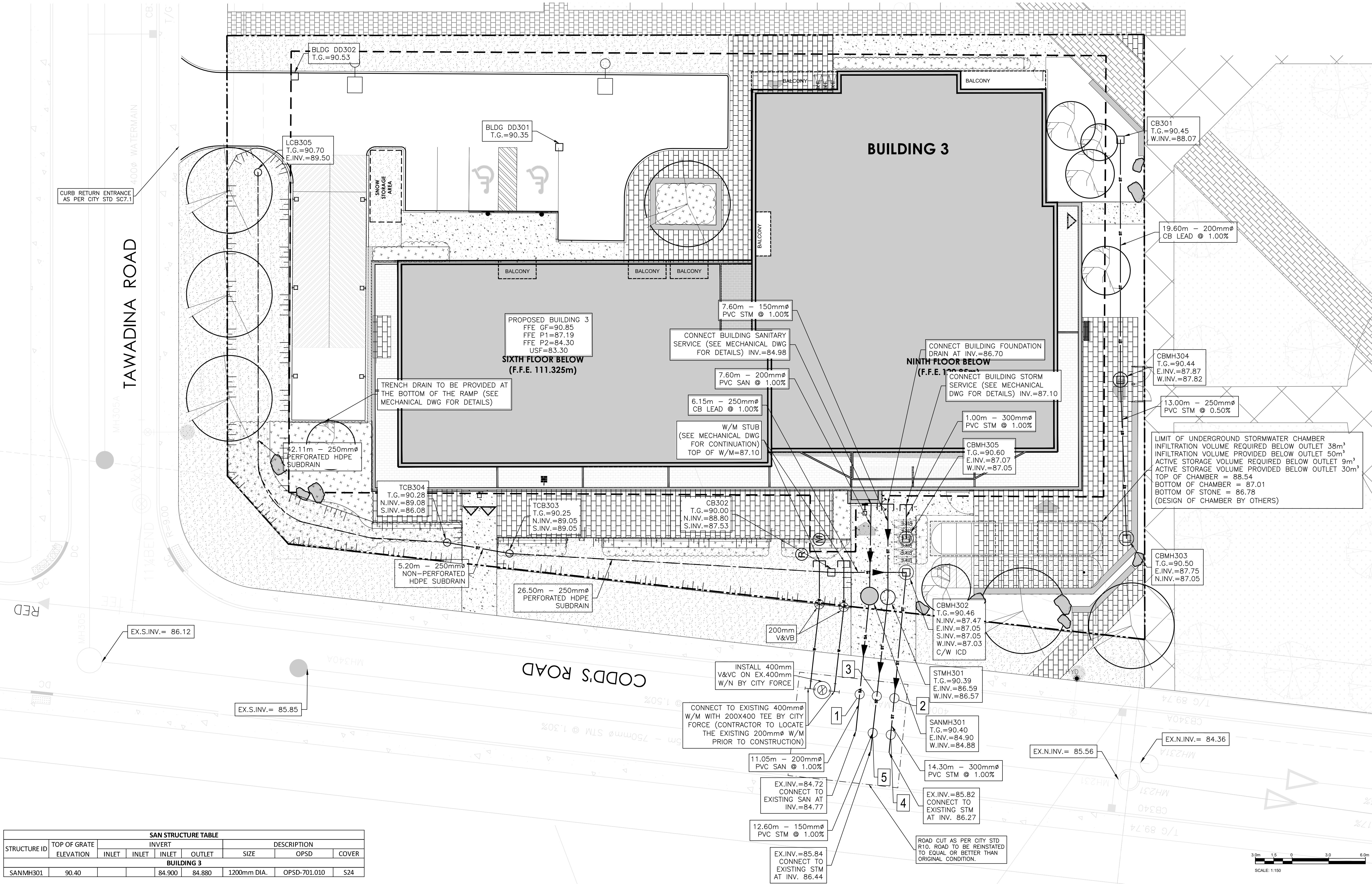
#XXXXX

STRUCTURE ID	AREA ID	TOP OF GRATE	STRUCTURE INFO				OUTLET PIPE INFO		ICD INFO				
			INLET	INLET	INLET	OUTLET	SIZE	OPSD	COVER	DIAMETER	TYPE	HEAD (m)	FLOW (l/s)
BUILDING 3													
CB301		90.45				88.070	600x600mm	OPSD 705.010	\$19.1	200	PVC SDR-35		
CB302		90.00				88.800	87.000	600x600mm	OPSD 705.010	\$19.1	200	PVC SDR-35	
TCB303		90.25				89.050	89.050	600x600mm	OPSD 705.010	\$30	200	HDPE	
TCB304		90.28				89.080	86.080	600x600mm	OPSD 705.010	\$30	200	HDPE	
LCB305		90.70				89.500	89.500	600x600mm	OPSD 705.010	\$30	200	HDPE	
STMH301		90.39				86.590	86.570	1200mm DIA.	OPSD 701.010	\$24.1	150	PVC SDR-35	
CBMH302		90.46	87.470	87.050		87.050	87.030	1200mm DIA.	OPSD 701.010	\$28.1	300	PVC SDR-35	1.5 56.16 150mm Dia.
CBMH303		90.50				87.750	87.050	1200mm DIA.	OPSD 701.010	\$28.1	250	PVC SDR-35	
CBMH304		90.44				87.870	87.820	1200mm DIA.	OPSD 701.010	\$28.1	250	PVC SDR-35	
CBMH305		90.60				87.070	87.050	1200mm DIA.	OPSD 701.010	\$28.1	300	PVC SDR-35	

BUILDING 3 - PIPE CROSSING	1	200mmØ PVC SAN	Obvert		2.320	Clearance Under	Invert		EX. 400mmØ W/M
			85.000	84.800			87.720	87.320	
	2	300mmØ PVC STM	86.772	86.472	0.518	Clearance Under	87.690	87.290	EX. 400mmØ W/M
	3	150mmØ PVC STM	86.639	86.489	0.641	Clearance Under	87.680	87.280	EX. 400mmØ W/M
	4	300mmØ PVC STM	86.582	86.282	0.913	Clearance Over	85.369	85.119	EX. 250mmØ PVC SAN
	5	150mmØ PVC STM	86.609	86.459	1.068	Clearance Over	85.391	85.141	EX. 250mmØ PVC SAN

*Note: Provide Concrete Encased for crossing clearance less than 0.3m

WATERMAIN SCHEDULE					
STATION	DESCRIPTION	FINISHED GRADE	TOP OF WATERMAIN	AS-BUILT WATERMAIN	COVER
BUILDING 3					
0+000	W/M STUB	90.20	87.100		3.10
0+003.55	200mm VB	90.41	88.010		2.40
0+010.50	Connect to ex. 400mm W/M with TEE	90.17	87.770		2.40
1+000	W/M STUB	90.41	87.100		3.31
1+003.79	200mm VB	90.38	87.980		2.40
1+010.72	Connect to ex. 400mm W/M with TEE	90.15	87.750		2.40



SAN STRUCTURE TABLE						
STRUCTURE ID	TOP OF GRATE ELEVATION	INVERT			DESCRIPTION	COVER
		INLET	INLET	OUTLET		
BUILDING 3						
SANMH301	90.40	84.900	84.880	1200mm DIA.	OPSD-701.010	S24



2011 QUEENSWAY DR.
OTTAWA, ONTARIO
CANADA K2B 8K2
T: 613-829-8300
F: 613-829-8299
WWW.WSP.COM

MATAJ ARCHITECTS INC.

418 IRAQUIOSHORE ROAD, UNIT 206
OAKVILLE, ONTARIO
CANADA L6H 0K7
T: 416-897-2867
E: EVA@MATAJARCHITECTS.COM



LICENCED PROFESSIONAL ENGINEER
D. B. YANG
100230568
2023-05-25
PROVINCE OF ONTARIO



NORTH



CLIENT REF #

PROJECT

WATERIDGE APARTMENTS BUILDINGS
1000/1050 TAWADINA ROAD, OTTAWA, ON



DISCLAIMER: THIS DRAWING AND DESIGN IS COPYRIGHT PROTECTED WHICH SHALL NOT BE USED, REPRODUCED OR REVISED WITHOUT WRITTEN PERMISSION BY WSP. THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND UTILITY LOCATIONS AND REPORT ALL ERRORS AND OMISSIONS PRIOR TO COMMENCING WORK. THIS DRAWING IS NOT TO BE SCALED.

BENCH MARK No. 0191968130 ELEVATION = 92.06 m

ELEVATIONS ARE GEODETIC, REFERRED TO CITY OF OTTAWA VERTICAL BENCH MARK No. 396 (191968130), HAVING AN ELEVATION OF 86.08 METRES. COORDINATES ARE DERIVED FROM CANMET 2018 REAL TIME NETWORK GPS OBSERVATIONS REFERENCED TO SPECIFIED CONTROL POINTS 0191968105 AND 019454761, MTM ZONE 9 (18°30' WEST LONGITUDE) (NAD83 ORIGINAL).

ISSUED FOR: REVISION

NO.	DATE	DESCRIPTION
3	2023-05-25	REVISED AS PER CITY COMMENTS
2	2022-08-15	ISSUED FOR SPA
1	2022-05-24	ISSUED FOR CLC REVIEW

PROJECT NO: 221-04473-00 DATE: MAY 25, 2023

ORIGINAL SCALE: 1:150 IF THIS BAR IS NOT 25mm LONG, ADJUST YOUR PLOTTING SCALE.

DESIGNED BY: DY

DRAWN BY: JT

CHECKED BY: DY

DISCIPLINE: CIVIL

TITLE: SERVICING - BUILDING 3

SHEET NUMBER: C205

ISSUE: REVISED AS PER CITY COMMENTS

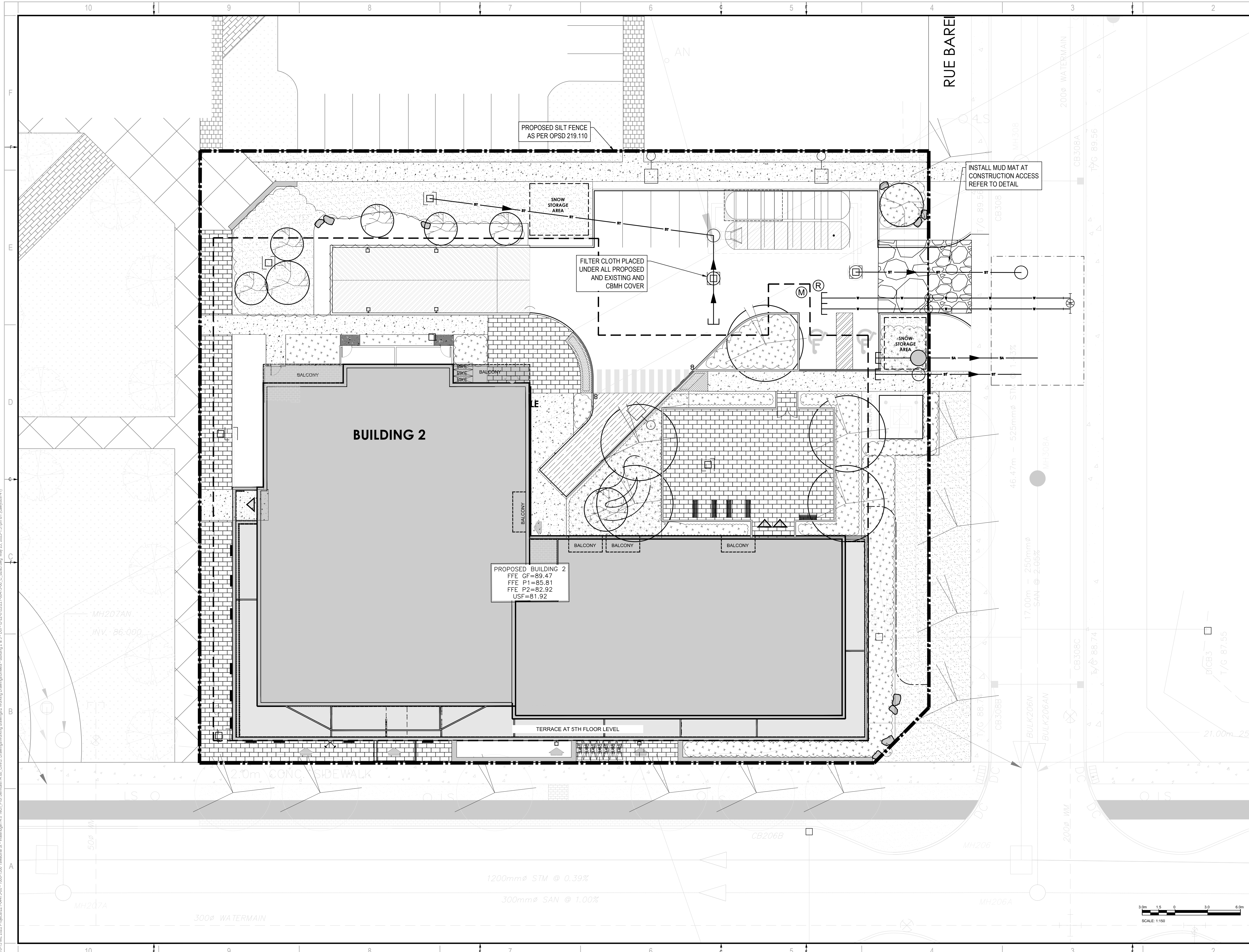
DATE OF: 2023-05-25

REV # 0

V:\10-13-ME-2022-Projects\221-04473-00 - 1000-1050 Tawadina St. - Wateridge 14.0 Tech. Prof. Services\14.00_Civil3_Drawing\Working\dwg\2 Working Drawings\Sheet - Building 3.dwg, May 25, 2023, 1:50pm BY (cawm/08741)

D07-12-22-0122

#XXXXX



2011 QUEENVIEW DR.
OTTAWA, ONTARIO
CANADA K2B 8K2
T: 613-829-2800
F: 613-829-8299
WWW.WSP.COM

MATAJ ARCHITECTS INC.
418 IRAQUOIS SHORE ROAD, UNIT 206
OAKVILLE, ONTARIO
CANADA L6H 0R7
T: 416-897-2867
E: EVA@MATAJARCHITECTS.COM

SEAL:

CLIENT: **BG BAYVIEW GROUP**

PROJECT: **WATERIDGE APARTMENTS BUILDINGS
1000/1050 TAWADINA ROAD, OTTAWA, ON**



DISCLAIMER: THIS DRAWING AND DESIGN IS COPYRIGHT PROTECTED WHICH SHALL NOT BE USED, REPRODUCED OR REVISED WITHOUT WRITTEN PERMISSION BY WSP. THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND UTILITY LOCATIONS AND REPORT ALL ERRORS AND OMISSIONS PRIOR TO COMMENCING WORK. THIS DRAWING IS NOT TO BE SCALED.

BENCH MARK No. 0191968130 ELEVATION = 55.06 m

ELEVATIONS ARE GEODETIC, REFERRED TO CITY OF OTTAWA VERTICAL BENCH MARK No. 396 (191968130), HAVING AN ELEVATION OF 85.08 METRES.

COORDINATES ARE DERIVED FROM CANMET 2015 REAL TIME NETWORK GPS OBSERVATIONS REFERENCED TO SPECIFIED CONTROL POINTS 0191968100 AND 019445701, MTM ZONE 9 (19'30" WEST LONGITUDE) (NAD83 ORIGINAL).

ISSUED FOR - REVISION

NO.	DATE	DESCRIPTION
3	2023-05-25	REVISED AS PER CITY COMMENTS
2	2022-08-15	ISSUED FOR SPA
1	2022-05-24	ISSUED FOR CLC REVIEW

PROJECT NO: 221-04473-00 DATE: MAY 25, 2023

ORIGINAL SCALE: 1:150

DESIGNED BY: DY

DRAWN BY: JT

CHECKED BY: DY

DISCIPLINE: CIVIL

TITLE: **EROSION AND SEDIMENTATION CONTROL PLAN - BUILDING 2**

SHEET NUMBER: C206

ISSUE: **REVISED AS PER CITY COMMENTS**

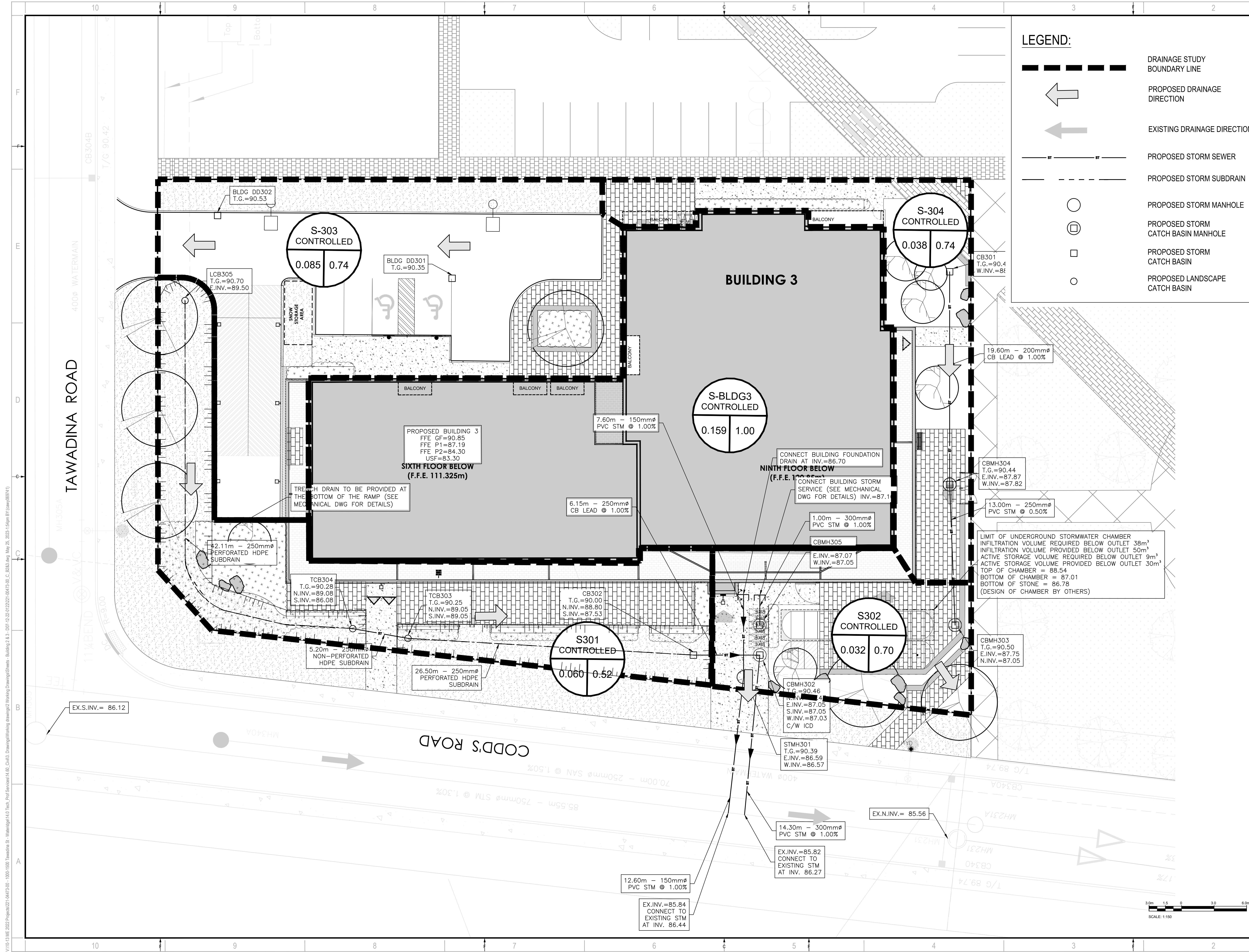
DATE OF: 2023-05-25

REVISION: 0

V:\10-13.ME.2022\Projects\221-04473-00 - 1000-1500 Tawadina St. - Wateridge 14.00_Civil3_Drawing\Working drawings\Working Drawings\Sheets - Building 2 & 3 - D07-12-22-0122-04473-00_C.8533.dwg, May 25, 2023, 1:51 pm BY (rsw/28741)

D07-12-22-0122

#XXXXXX



2011 QUEENSWAY DR.
OTTAWA, ONTARIO
CANADA K2B 8K2
T: 613-829-2800
F: 613-829-8299
WWW.WSP.COM

MATAJ ARCHITECTS INC.
418 IRAQUOIS SHORE ROAD, UNIT 206
OAKVILLE, ONTARIO
CANADA L6H 0K7
T: 416-897-2867
E: EVA@MATAJARCHITECTS.COM

LICENCED PROFESSIONAL ENGINEER
D. B. YANG
100230568
2023-05-25
PROVINCE OF ONTARIO

NORTH

BG BAYVIEW GROUP

CLIENT REF #

PROJECT

WATERIDGE APARTMENTS BUILDINGS
1000/1050 TAWADINA ROAD, OTTAWA, ON

KEY PLAN

DISCLAIMER: THIS DRAWING AND DESIGN IS COPYRIGHT PROTECTED WHICH SHALL NOT BE USED, REPRODUCED OR REVISED WITHOUT WRITTEN PERMISSION BY WSP. THE CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND UTILITY LOCATIONS AND REPORT ALL ERRORS AND OMISSIONS PRIOR TO COMMENCING WORK. THIS DRAWING IS NOT TO BE SCALED.

BENCH MARK NO. 0191968130 ELEVATION = 92.06 m

ELEVATIONS ARE GEODETIC, REFERRED TO CITY OF OTTAWA VERTICAL BENCH MARK NO. 396

COORDINATES ARE DERIVED FROM CANADIAN DATUM 83 REAL TIME NETWORK GPS OBSERVATIONS REFERENCED TO SPECIFIED CONTROL POINTS 0191968100 AND 019484761, MTM ZONE 9 (1983) WEST (NAD83) ORIGINAL.

ISSUE NO.	DATE	DESCRIPTION
3	2023-05-25	REVISED AS PER CITY COMMENTS
2	2022-08-15	ISSUED FOR SPA
1	2022-05-24	ISSUED FOR CLC REVIEW

IS	RE	DATE	DESCRIPTION
221-04473-00		MAY 25, 2023	

PROJECT NO: 221-04473-00 DATE: MAY 25, 2023

ORIGINAL SCALE: 1:150

DESIGNED BY: DY

DRAWN BY: JT

CHECKED BY: DY

DISCIPLINE: CIVIL

TITLE: RESIDENTIAL DEVELOPMENT STORM DRAINAGE PLAN BUILDING 3

SHEET NUMBER: C209

SHEET # OF

ISSUE: REVISED AS PER CITY COMMENTS

DATE OF: 2023-05-25

REV # 0

V:\10-13.ME 2022 Project\221-04473-00 - 1000-1500 Tawadina St - Wateridge 14.00_Civil3_Drawing\Working drawings\Working Drawings\Sheets - Building 2 & 3 - D07-12-22-0122-00173-00_C_B233.dwg, May 25, 2023 1:54pm BY (raw/08741)

D07-12-22-0122

#XXXXX