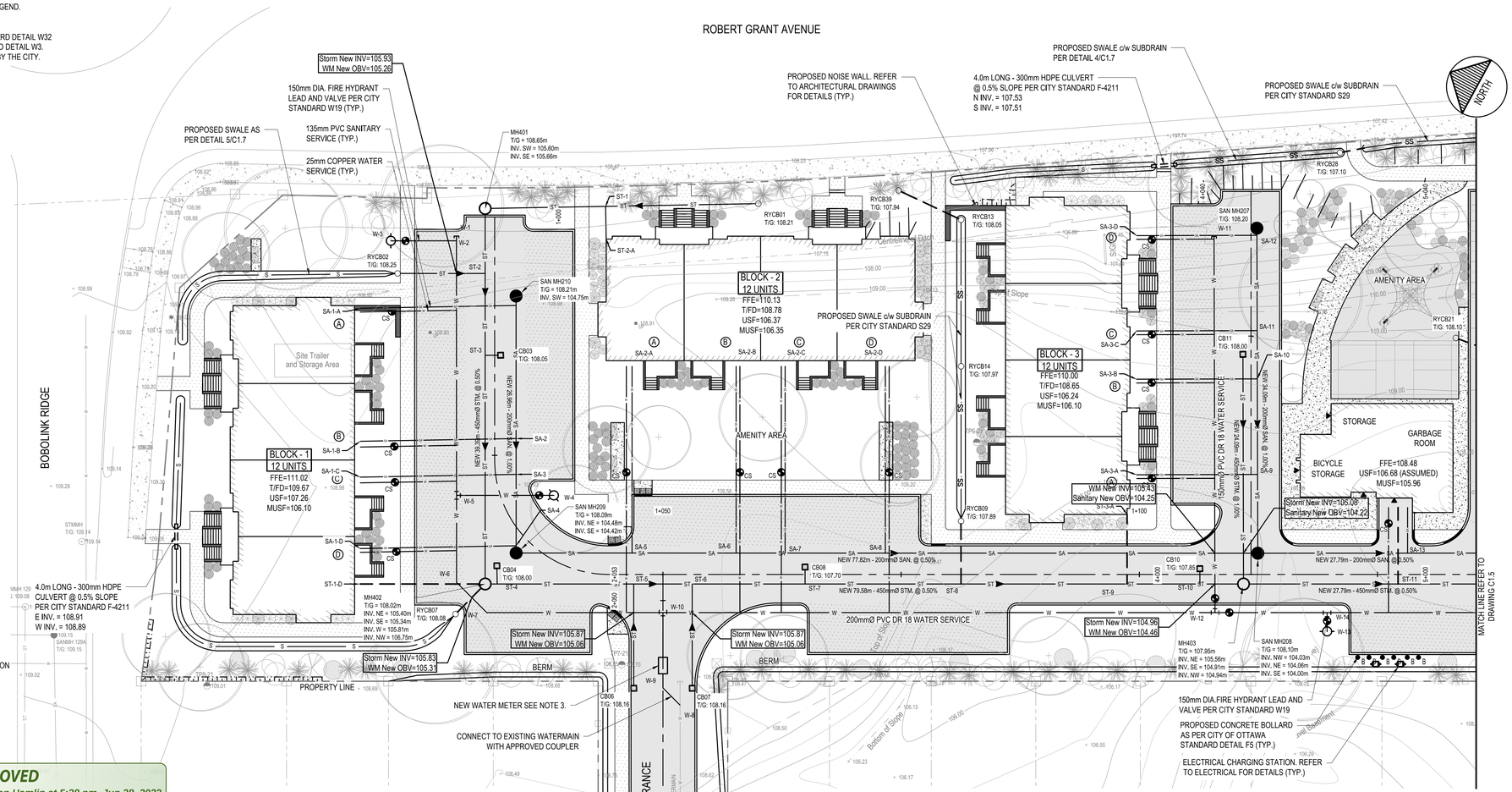
NOTES:

1. REFER TO DRAWING C0.1 FOR NOTES AND FULL LEGEND.
2. ALL WATER SERVICES SHALL BE 50mmØ COPPER.
3. NEW WATER METER PER CITY OF OTTAWA STANDARD DETAIL W32 HOUSED IN A VALVE CHAMBER PER CITY STANDARD DETAIL W3. METER ASSEMBLY DIMENSIONS TO BE SPECIFIED BY THE CITY.

PROPOSED LEGEND:

- ALIGNMENT
- EDGE OF PAVEMENT
- CONCRETE BARRIER CURB
- W — WATERMAIN
- WATER SERVICE
- ST — STORM SEWER
- STORM SUBDRAIN
- SA — SANITARY SEWER
- SANITARY SERVICE
- JUT — JOINT UTILITY TRENCH
- GRADING TOP OF SLOPE
- GRADING BOTTOM OF SLOPE
- S — SWALE
- SS — SWALE c/w SUBDRAIN
- 100mm LINE PAINTING
- 1.8m HIGH PVC FENCE
- TERRACING
- STORM MANHOLE
- REAR YARD CATCH BASIN/ CLEAN OUT
- CATCH BASIN MANHOLE
- CATCH BASIN
- SANITARY MANHOLE
- FIRE HYDRANT
- WATERMAIN VALVE
- TWSI
- BUILDING ENTRANCE
- SIGN
- 105.00 — GRADE ELEVATION
- 105.00 — IBI DESIGN GRADE
- 105.00 (T/B) — TOP OF BERM GRADE ELEVATION
- FULL DEPTH ASPHALT
- PARTIAL DEPTH ASPHALT
- CONCRETE SIDEWALK
- ASPHALT SIDEWALK
- BUILDING



APPROVED
By Allison Hamlin at 5:28 pm, Jun 28, 2022

ALLISON HAMLIN
MANAGER (A), DEVELOPMENT REVIEW WEST
PLANNING, REAL ESTATE & ECONOMIC DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

WATERMAIN SCHEDULE

NUMBER	DESCRIPTION	STATION	℄ OFFSET (m)	FINISHED GRADE	TOP OF WM
W-1	CAP	1+002.0	+4.01	108.46	106.06
W-2	200x150x200mm TEE	1+002.5	+4.01	108.45	106.05
W-3	FH & VB	1+002.5	+10.90	108.52	106.12
W-4	FIRE HYDRANT	1+032.3	-5.13	108.41	106.01
W-5	200x150x200mm TEE	1+028.2	+4.43	108.22	105.82
W-6	45° BEND	1+033.6	+8.51	108.07	105.67
W-7	45° BEND	1+036.2	+8.51	108.08	105.68
W-8	CONNECT TO EX.	2+039.0	+1.80	108.19	105.77
W-9	45° BEND	2+040.8	0.00	108.19	105.75
W-10	200x200x200mm TEE	1+050.0	+4.00	108.20	105.82
W-11	CAP	4+035.5	-3.88	108.19	105.79
W-12	200x150x200mm TEE	1+107.9	+4.00	108.09	105.69
W-13	FH & VB	1+119.7	+6.00	108.30	105.90
W-14	200x150x200mm TEE	1+119.7	+3.98	108.29	105.89

STRUCTURE DATA SANITARY SYSTEM

NUMBER	STATION	℄ OFFSET (m)	TOP OF GRATE	LOW INVERT	STRUCTURE (OPSD)	GRATE (OPSD)	SUMP (m)
SAN MH207	4+036.3	+0.62	108.198	104.401	701.010	S24	0.00
SAN MH208	1+112.4	-2.23	108.096	103.999	701.010	S24	0.00
SAN MH209	1+034.9	+1.79	108.086	104.419	701.010	S24	0.00
SAN MH210	1+008.3	-2.24	108.212	104.750	701.010	S24	0.00

PIPE DATA SANITARY SYSTEM

FROM	TO	INLET ELEV. (m)	OUTLET ELEV. (m)	SIZE	LENGTH	SLOPE	CITY STANDARD	MIN. COVER (m)
SA-1-A	SA-1	104.860	104.780	135 mm	16.3 m	0.49%	S6	3.26
SAN MH210	SAN MH209	104.750	104.480	200 mm	27.0 m	1.00%	S6	3.18
SA-1-B	SA-2	104.700	104.620	135 mm	16.3 m	0.49%	S6	3.40
SA-1-C	SA-3	104.685	104.610	135 mm	16.3 m	0.46%	S6	3.47
SA-1-D	SA-4	104.600	104.520	135 mm	16.4 m	0.49%	S6	3.38
SA-3-D	SA-12	104.566	104.440	135 mm	12.6 m	1.00%	S6	3.51
SA-2-A	SA-5	104.521	104.350	135 mm	19.6 m	0.87%	S6	3.70
SA-3-C	SA-11	104.496	104.370	135 mm	12.6 m	1.00%	S6	3.50
SA-2-B	SA-6	104.481	104.310	135 mm	19.6 m	0.87%	S6	3.40
SA-2-C	SA-7	104.451	104.280	135 mm	19.6 m	0.87%	S6	3.35
SA-3-B	SA-10	104.447	104.320	135 mm	12.7 m	1.00%	S6	3.54
SAN MH209	SAN MH208	104.419	104.030	200 mm	77.8 m	0.50%	S6	3.27
SAN MH207	SAN MH208	104.401	104.060	200 mm	34.1 m	1.00%	S6	3.54
SA-2-D	SA-8	104.401	104.230	135 mm	19.6 m	0.87%	S6	3.40
SA-3-A	SA-9	104.337	104.210	135 mm	12.7 m	1.00%	S6	3.72
SAN MH208	SAN MH206	103.999	103.860	200 mm	27.8 m	0.50%	S6	3.89

PIPE DATA STORM SYSTEM

FROM	TO	INLET ELEV. (m)	OUTLET ELEV. (m)	SIZE	LENGTH	SLOPE	CITY STANDARD	MIN. COVER (m)
ST-1-D	MH402	107.010	106.748	250 mm	13.1 m	2.00%	S6	1.00
RYCB39	RYCB13	107.006	106.970	250 mm	7.2 m	0.50%	S29	0.82
RYCB13	RYCB14	106.970	106.893	250 mm	15.4 m	0.50%	S29	0.82
RYCB14	RYCB09	106.891	106.810	250 mm	16.2 m	0.50%	S29	0.82
ST-2-A	ST-1	106.104	106.070	250 mm	3.4 m	0.99%	S6	2.20
RYCB02	ST-2	106.050	105.810	300 mm	9.2 m	2.61%	S6	1.89
CB07	ST-6	105.950	105.841	300 mm	10.9 m	1.00%	S6	1.90
CB06	ST-5	105.950	105.841	300 mm	10.9 m	1.00%	S6	1.90
RYCB07	MH402	105.850	105.806	250 mm	4.4 m	1.00%	S6	1.95
CB03	ST-3	105.850	105.800	300 mm	1.6 m	3.09%	S6	1.89
RYCB01	MH401	105.803	105.660	450 mm	28.7 m	0.50%	S6	1.95
CB04	ST-4	105.800	105.781	300 mm	1.9 m	1.00%	S6	1.89
CB11	MH403	105.800	105.559	450 mm	24.1 m	1.00%	S6	1.74
RYCB09	ST-8	105.690	105.250	300 mm	6.6 m	6.67%	S6	1.89
CB10	ST-10	105.650	105.634	300 mm	1.6 m	1.00%	S6	1.89
MH401	MH402	105.597	105.400	450 mm	39.4 m	0.50%	S6	2.11
CB08	ST-7	105.500	105.482	300 mm	1.8 m	1.00%	S6	1.89
MH402	MH403	105.340	104.940	450 mm	79.6 m	0.50%	S6	2.11
ST-3-A	ST-9	105.254	105.180	300 mm	7.3 m	1.01%	S6	2.44
ST	ST-11	105.100	105.020	300 mm	8.0 m	1.00%	S6	2.78
MH403	MH404	104.910	104.770	450 mm	27.8 m	0.50%	S6	2.58

STRUCTURE DATA STORM SYSTEM

NUMBER	STATION	℄ OFFSET (m)	TOP OF GRATE	LOW INVERT	STRUCTURE (OPSD)	GRATE (OPSD)	SUMP (m)
CB03	1+014.5	-0.62	108.050	105.850	705.010	S19.1	0.60
CB04	1+034.6	+4.17	108.000	105.800	705.010	S19.1	0.60
CB06	2+040.8	-3.06	108.155	105.950	705.010	S19.1	0.60
CB07	2+040.8	+3.08	108.156	105.950	705.010	S19.1	0.60
CB08	1+064.9	-0.78	107.700	105.500	705.010	S19.1	0.60
CB10	1+106.3	-0.61	107.850	105.650	705.010	S19.1	0.60
CB11	4+023.1	-0.85	108.000	105.800	705.010	S19.1	0.60
MH401	1+263.9	+171.59	108.650	105.597	701.010	S24.1	0.30
MH402	1+034.9	+6.38	108.020	105.340	701.010	S24.1	0.30
MH403	1+110.9	+1.00	107.954	104.910	701.010	S24.1	0.30
RYCB01	1+060.0	-38.90	108.210	105.803	705.010	S19.1	0.60
RYCB02	1+005.9	+10.19	108.250	106.050	705.010	S19.1	0.60
RYCB07	1+034.9	+10.82	108.085	105.850	705.010	S19.1	0.60
RYCB09	1+081.3	-5.60	107.890	105.690	705.010	S19.1	0.60
RYCB13	1+081.3	-37.21	108.050	106.970	S30	S30	0.00
RYCB14	1+081.3	-21.83	107.970	106.891	S30	S30	0.00
RYCB28	1+121.1	-44.25	107.100	106.117	S30	S30	0.00
RYCB39	1+074.7	-40.28	107.940	107.006	S31	S31	0.00

wsp
1224 GARDINERS ROAD, SUITE 201
KINGSTON, ONTARIO
CANADA K7P 0G2
PHONE: 613-634-7373
WWW.WSP.COM

CONSULTANT:
M. David Blakely Architect Inc.
2200 Prince of Wales Dr., Suite 101
Ottawa, Ontario, K2E 6Z9
Phone (613) 226-8811 Fax (613) 226-7942

SEAL:
LICENSED PROFESSIONAL ENGINEER — D. D. SEARLE — 100503356 — 2022.03.10 — PROVINCE OF ONTARIO
LICENSED PROFESSIONAL ENGINEER — S. P. DAVIDSON — 100133944 — 2022.03.10 — PROVINCE OF ONTARIO

CLIENT:
RICHCRAFT Group Of Companies

CLIENT REF. #:

PROJECT:
TERRACE FLATS

KEY PLAN:

ISSUED FOR - REVISION:

IS	RE	DATE	DESCRIPTION
4		2022-03-10	RE-ISSUED FOR SPA
3		2022-01-31	RE-ISSUED FOR SPA
2		2021-10-15	RE-ISSUED FOR SPA
1		2021-07-07	ISSUED FOR SPA

PROJECT NO: 211-01221-00
DATE: MARCH 2021
ORIGINAL SCALE: 1:250
IF THIS BAR IS NOT 25mm LONG, ADJUST YOUR PLOTTING SCALE. 25mm
DESIGNED BY: DS
DRAWN BY: MH
CHECKED BY: SD
DISCIPLINE: CIVIL
TITLE: TERRACE FLATS NORTH SERVICING PLAN
SHEET NUMBER: C1.4
SHEET #: 6 OF 10
ISSUE: RE-ISSUED FOR SPA
DATE OF: MARCH 10, 2022
REV #: 0