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PROPOSED WATERMAIN

PROPOSED VALVE AND VALVE BOX

PROPOSED VALVE CHAMBER

PROPOSED REDUCER

PROPOSED FIRE HYDRANT

PROPOSED SANITARY SEWER

PROPOSED STORM SEWER

PROPOSED CATCHBASIN MANHOLE

PROPOSED CATCHBASIN

PROPOSED DITCH INLET CATCHBASIN

PROPOSED SUBDRAIN CATCHBASIN

EXISTING WATERMAIN

EXISTING VALVE AND VALVE BOX

EXISTING VALVE CHAMBER

EXISTING REDUCER

EXISTING FIRE HYDRANT

EXISTING SANITARY SEWER

EXISTING STORM SEWER

EXISTING CATCHBASIN MANHOLE

EXISTING CATCHBASIN

EXISTING SUBDRAIN CATCHBASIN

EXISTING SWALE

PROPOSED DEPRESSIONED CURB LOCATIONS

PROPOSED BARRIER CURB

THERMAL INSULATION ON STORM SEWER WHERE COVER IS LESS THAN 1.5m

THERMAL INSULATION ON WATERMAIN WHERE COVER IS LESS THAN 2.4m AS PER W22

WATER METER

REMOVE WATER METER

ADDITIONAL 19mm Ø PEX WATER SERVICE FOR IRRIGATION

CONTROL CENTER FOR IRRIGATION SYSTEM

PROPOSED COMMUNITY MAILBOX LOCATIONS

PROPOSED SERVICE LATERAL

TERRACE FLATS SERVICES

200mm STORM SERVICE PVC SDR 26 Ø 113 MIN

150mm SANITARY SERVICE PVC SDR 26 Ø 113 MIN

38mm WATER SERVICE SOFT COPPER K

C/W CURB STOP AND SERVICE POST, UNLESS OTHERWISE SHOWN

CLAY SEAL LOCATION AS PER GEOTECHNICAL REPORT

1. FINAL SERVICE LATERAL SIZES TO BE CONFIRMED BY MECHANICAL CONSULTANT.
2. ALL TERRACE FLATS ROOF EAVES TROUGH TO OUTLET TO INTERNAL SURFACE PARKING AREAS.
3. SERVICING INFORMATION ON COULOIR ROAD BY STANTEC CONSULTING, TRAILSEDGE EAST SUBDIVISION, PHASE 1 DETAILED DESIGN (FEB 28, 2020)

3	ISSUED FOR SPA	JP	DT	21.09.09
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Revision		By	Appd.	YY.MM.DD

File Name: 160401585-DB	JP	DT/SG	JP	20.11.06
	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Client/Project
RICHCRAFT GROUP OF COMPANIES
2280 ST. LAURENT BLVD

PROPOSED RESIDENTIAL DEVELOPMENT
TRAILSEDGE BLOCK 193 & 194
OTTAWA, ON

Title
SITE SERVICING PLAN

Project No. 160401585

Scale 0 5 15 25m
1:500

Drawing No.	Sheet	Revision
SSP-1	3 of 11	3

DWG# 18359

ORIGINAL SHEET - ARCH D

SITE PLAN NOTES:
ALL CURBS WITHIN SITE ARE
TO BE BARRIER CURB AS PER
CITY STANDARD SC1.1
ALL SIDEWALKS WITHIN SITE
ARE TO BE 1.5m ASPHALT
SIDEWALK

JCD SCHEDULE						
Area ID	CS Name	Gravimeter (mm)	Invert (m)	100-Year Head (m)	100-Year Row (US)	
L1000A	L1000A.1	108	86.73	1.57	29	
L1000A	L1000A.2	108	86.73	1.57	29	
L1004A	L1004A.1	127	86.86	1.57	39	
L1004A	L1004A.2	127	86.86	1.57	39	
L1004B	L1004B.1	127	86.72	1.58	39	
L1004B	L1004B.2	127	86.72	1.58	39	
L1009A	L1009A.1	127	86.71	1.60	43	
L1009A	L1009A.2	127	86.71	1.58	43	
L1010A	L1010A.1	127	86.76	1.61	43	
L1010B	L1010B.1	127	86.74	1.58	56	
L1012A	L1012A.1	127	86.65	1.65	58	
L1013A	L1013A.1	152	86.22	1.67	58	
L1013B	L1013B.1	152	86.22	1.62	57	
L1014A	L1014A.1	127	86.65	1.63	40	

CROSSING	STM INV	STM OBV	SAN INV	SAN OBV	WTR TOP	WTR BTM	NOTES
	85.56	85.86	84.42	84.62	86.56	84.36	DEFECT WATERMAIN AS PER WSS 2 AND INSULATE PER WSS 2
	85.86	86.16	84.46	84.66			
	85.18 (86.08)	85.93 (86.03)	84.63	84.83	86.72	86.52	DEFECT WATERMAIN AS PER WSS 2 AND INSULATE PER WSS 2
	85.18 (86.08)	85.93 (86.03)	84.69	84.89			
	86.00	86.30	85.47	85.67			
	86.02	86.32	85.50	85.70	87.02	86.82	DEFECT WATERMAIN AS PER WSS 2 AND INSULATE PER WSS 2
	85.91	86.21	85.34	85.54			
	85.94	86.24	85.34	85.54	86.94	86.74	DEFECT WATERMAIN AS PER WSS 2 AND INSULATE PER WSS 2

*750mmØ PIPE WALL THICKNESS=0.108m

200mmØ WATERMAIN A			
STATION	FINISHED GRADE	TOP OF W/M	ITEM
+0000	88.44	85.96	200mmØ x 200mm tie to existing
+0000	88.53	86.13	45° VERTICAL BEND
+0003.3	88.52	88.56	45° VERTICAL BEND
+0007.7	88.42	88.56	45° VERTICAL BEND
+0012.0	88.03	88.43	40° VERTICAL BEND
+0012	88.25	88.12	200mm VALVE AND BOX
+0020	88.53	88.33	TOP OF WATERMAIN
+0021.5	88.53	88.33	22.5° HORIZONTAL BEND
+0024.8	88.42	86.09	TOP OF WATERMAIN
+0028.0	88.57	88.02	200mmØ x 200mm tie to W/M "B"
+0029	88.48	88.27	TOP OF WATERMAIN
+0036.7	88.45	88.05	200mmØ x 150mm HYDRANT TIE
+0100	88.45	88.05	TOP OF WATERMAIN
+0104.1	88.52	88.12	40° HORIZONTAL BEND
+0106.4	88.54	88.16	40° HORIZONTAL BEND
+0110	88.16	88.16	TOP OF WATERMAIN
+0140	88.43	88.03	TOP OF WATERMAIN
+0153.6	88.59	88.16	11.25° HORIZONTAL BEND
+0160	88.51	88.11	TOP OF WATERMAIN
+0180.3	88.31	86.03	200mmØ x 150mm HYDRANT TIE
+0200	88.36	85.96	TOP OF WATERMAIN
+0208	88.48	88.08	TOP OF WATERMAIN
+0240	88.43	88.03	TOP OF WATERMAIN
+0260	88.43	86.03	TOP OF WATERMAIN
+0267.9	88.42	86.02	200mmØ x 150mm HYDRANT TIE
+0271.8	88.41	86.01	11.25° HORIZONTAL BEND
+0274.5	88.42	86.02	200mmØ x 200mm tie to W/M "C"
+0282	88.45	88.05	200mm VALVE AND BOX
+0312.5	88.52	88.12	50mm TIE
+0320	88.51	87.80	200mm WATERMAIN SUB

200mmØ WATERMAIN B			
STATION	FINISHED GRADE	TOP OF W/M	ITEM
D+00.00	86.42	86.02	200mmØ x 10mm TIE w/ 3" S
D+00.02	88.40	88.00	4" VERTICAL BEND
D+00.04	86.73	86.34	4" VERTICAL BEND
D+00.03	89.47	89.07	4" VERTICAL BEND
D+00.69	88.45	88.05	4" VERTICAL BEND
D+00.71	86.04	85.64	4" VERTICAL BEND
D+01.07	89.36	88.96	4" HORIZONTAL BEND
D+01.28	88.34	87.94	200mmØ VALVE AND BOX
D+01.30	88.34	87.94	TOP OF WATERMAIN
D+03.72	89.21	88.81	200mmØ x 15mmØ HYDRANT REE
D+04.00	88.24	87.84	TOP OF WATERMAIN
D+04.01	86.01	85.61	TOP OF WATERMAIN
D+04.00	88.25	87.85	TOP OF WATERMAIN
D+04.00	86.18	85.78	TOP OF WATERMAIN
D+04.00	86.38	85.98	TOP OF WATERMAIN
D+12.33	85.33	84.93	200mmØ x 15mmØ HYDRANT REE
D+14.00	88.19	87.79	TOP OF WATERMAIN
D+14.00	86.78	86.38	TOP OF WATERMAIN
D+14.00	88.28	87.88	TOP OF WATERMAIN
D+18.86	88.24	87.84	200mmØ VALVE AND BOX
D+18.88	88.18	87.78	200mmØ VALVE AND BOX
D+19.00	88.19	87.79	TOP OF WATERMAIN
D+21.76	88.17	87.77	TOP OF WATERMAIN
D+22.00	89.16	88.76	200mmØ VALVE AND BOX
D+22.00	89.16	88.76	TOP OF WATERMAIN
D+22.44	86.125	85.725	200mmØ x 3/8"Ø TIE TIE EXISTING

200mmØ WATERMAIN C			
STATION	FINISHED GRADE	TOP OF W/M	ITEM
+00.00	58.18	55.78	200mm x 200mm TEE W/ 90° M
+00.01.4	58.22	55.82	40" VERTICAL BEND
+00.02.6	58.24	55.94	40" VERTICAL BEND
+00.06.6	58.29	55.94	40" VERTICAL BEND
+00.07.3	58.30	55.95	40" VERTICAL BEND
+00.07.7	58.30	55.95	200mm VALVE AND BOX
+00.08.4	58.27	55.87	200mm x 150mm HYDRANT ICE
+00.03.5	58.41	56.01	200mm VALVE AND BOX
+00.40	58.40	56.00	12" x 12" VERTICAL BEND
+00.61	58.40	56.00	40" VERTICAL BEND
+00.61.1	58.39	55.99	40" VERTICAL BEND
+00.65.1	58.39	55.99	40" VERTICAL BEND
+00.62	58.41	56.01	200mm VALVE AND BOX
+00.67	58.39	55.99	200mm x 200mm TEE W/ 90° M