

200mm WATERMAIN TABLE			
STATION	ELEVATION	TOP OF WATERMAIN	DESCRIPTION
0+000.0	95.75	93.56	CONNECTION TO EXISTING 250mm WATERMAIN (INSULATION MAY BE REQUIRED)
0+004.4	95.72	93.32	SAN SEWER CROSSING (0.5m CLEARANCE MIN)
0+065.7	95.69	93.56	STM SEWER CROSSING (0.5m CLEARANCE MIN)
0+016.0	95.89	93.49	VALVE AND VALVE BOX
0+017.2	95.50	93.50	11.28' HORIZONTAL BEND
0+029.6	95.80	93.40	CROSS CONNECTION WITH 150mm HYDRANT LEADS
0+037.7	95.74	93.33	STM SEWER CROSSING (0.5m CLEARANCE MIN)
0+066.3	95.71	93.31	TEE CONNECTION WITH 150mm BUILDING SERVICE
0+070.6	95.71	93.31	VALVE AND VALVE BOX
0+073.5	95.76	93.38	CROSS CONNECTION WITH 150mm BUILDING SERVICES
0+076.5	95.81	93.41	SAN SEWER CROSSING (0.5m CLEARANCE MIN)
0+079.0	95.88	93.45	STM SEWER CROSSING (0.5m CLEARANCE MIN)
0+113.8	95.78	93.25	STM SEWER CROSSING (0.5m CLEARANCE MIN)
0+125.0	95.93	93.53	TEE CONNECTION WITH 150mm HYDRANT LEAD
0+128.0	95.93	93.53	VALVE AND VALVE BOX
0+128.4	95.92	93.37	CAP FOR FUTURE CONNECTION

150mm WATERMAIN TABLES			
STATION	ELEVATION	TOP OF WATERMAIN	DESCRIPTION
1+014.0	95.52	93.72	CAP FOR FUTURE CONNECTION
1+016.2	95.78	93.18	VALVE AND VALVE BOX
1+019.2	95.60	93.20	CROSS CONNECTION TO 200mm WATERMAIN
1+049.0	95.93	93.53	45' HORIZONTAL BEND
1+060.0	95.88	93.48	VALVE AND VALVE BOX
1+062.0	95.87	93.47	FIRE HYDRANT

CAP FOR FUTURE CONNECTION			
STATION	ELEVATION	WATERMAIN	DESCRIPTION
2+025.7	95.78	93.38	CAP FOR FUTURE CONNECTION
2+028.4	95.95	93.40	VALVE AND VALVE BOX
2+031.7	95.71	93.33	TEE CONNECTION TO 200mm WATERMAIN

CAP FOR FUTURE CONNECTION			
STATION	ELEVATION	WATERMAIN	DESCRIPTION
3+043.1	95.65	93.28	CAP FOR FUTURE CONNECTION
3+027.1	95.84	93.29	VALVE AND VALVE BOX
3+030.5	95.78	93.36	CROSS CONNECTION TO 200mm WATERMAIN
3+033.3	95.70	93.30	SAN SEWER CROSSING (0.5m CLEARANCE MIN)
3+036.0	95.64	93.00	STM SEWER CROSSING (0.5m CLEARANCE MIN)
3+040.3	95.58	93.18	VALVE AND VALVE BOX
3+052.2	95.07	93.50	CAP 1.0m FROM FOUNDATION

PIPE CROSSINGS				
CROSSING NO.	SANITARY INVERT	STORM INVERT	TOP OF WATERMAIN	CLEARANCE
1	90.55	-	93.32	2.77
2	93.24	-	92.54	0.70
3	90.23	93.15	-	2.72
4	91.74	-	93.36	1.27
5	-	93.93	93.33	0.60
6	92.48	93.91	-	1.23
7	92.08	-	93.30	1.00
8	-	93.82	93.00	0.62
9	92.06	-	93.41	0.95
10	92.08	93.60	-	1.52
11	-	94.18	93.45	0.73
12	91.99	94.20	-	2.21
13	-	93.92	93.25	0.67
14	92.17	93.94	-	1.77

LEGEND

- PROPERTY LINE
- PROPOSED CURB
- PROPOSED DEPRESSED CURB AS PER CITY DETAIL SC1.1
- PROPOSED WATER SERVICE
- PROPOSED HYDRANT c/w LEAD & VALVE
- PROPOSED VALVE AND VALVE BOX
- PROPOSED SIAMENSE CONNECTION
- PROPOSED CAP
- PROPOSED SANITARY SERVICE c/w MANHOLE
- PROPOSED STORM SEWER AND MANHOLE
- PROPOSED STORM SEWER WITH INSULATION
- PROPOSED CULVERT
- PROPOSED STORMTIE STC-740 UNDERGROUND STORAGE SYSTEM (REFER 117148-ND FOR DETAILS)
- PROPOSED INLET CONTROL DEVICE (REFER TO DWG. 117148-ND FOR SPECIFIC SIZES AND DETAILS)
- PROPOSED BUILDING ENTRANCE
- PROPOSED DRIVE IN ENTRANCE
- DIRECTION OF FLOW
- PROPOSED PAVEMENT MARKINGS
- PROPOSED DECORATIVE RETAINING WALL

- PHASE LIMIT
- PROPOSED LIGHT STANDARD (REFER TO PHOTOMETRIC PLAN DRAWINGS FOR MORE INFO)
- PROPOSED CATCHBASIN MANHOLE
- PROPOSED CATCHBASIN
- SEEPAGE BARRIER (REFER TO GEOTECH REPORT FOR DETAILS)
- PROPOSED SECURITY GATE (REFER TO LANDSCAPE DRAWINGS)
- DECORATIVE SECURITY FENCE (REFER TO LANDSCAPE DRAWINGS)
- EXISTING UTILITY POLE C/W GUY WIRES
- EXISTING WATERMAIN C/W VALVE & VALVE CHAMBER
- EXISTING HYDRANT C/W VALVE & LEAD
- EXISTING SANITARY MANHOLE & SEWER
- EXISTING STORMCATCHER MH
- EXISTING CATCHBASIN
- EXISTING GAS MAIN
- EXISTING OVERHEAD WIRES
- EXISTING BELL LINE
- EXISTING HYDRO
- EXISTING STREETLIGHT
- EXISTING RETAINING WALL

APPROVED
By Lily Xu at 11:48 am, Nov 16, 2020

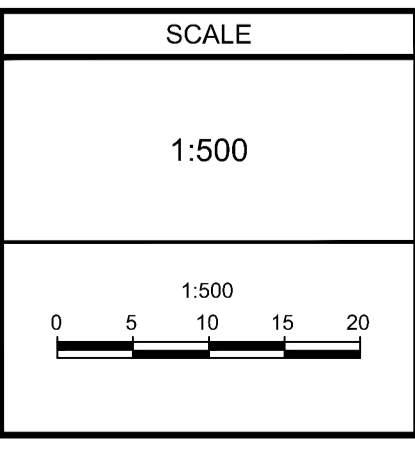
LILY XU, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW SOUTH
PLANNING, INFRASTRUCTURE & ECONOMIC
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

REFER TO 117148-ND FOR NOTES AND DETAILS

NOTE:
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, 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.

NOT FOR CONSTRUCTION

No.	REVISION	DATE	BY
5.	REVISED PER CITY COMMENTS AND ISSUED FOR FINAL APPROVAL	OCT 28/20	CJR
4.	PHASE LIMITS ADDED	OCT 8/20	CJR
3.	REVISED SITE PLAN	AUG 21/20	CJR
2.	REVISED PER CITY COMMENTS	MAR 04/20	CJR
1.	ISSUED FOR SITE PLAN APPLICATION	NOV 06/19	CJR



FOR REVIEW ONLY

DESIGN: ARM
CHECKED: CJR
DRAWN: ARM
CHECKED: CJR
APPROVED: JLS

C.J. RUDDLE
 OCT 28/20
 PROVINCE OF ONTARIO

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LOCATION
4149 STRANDHERD DRIVE, CITY OF OTTAWA

DRAWING NAME
GENERAL PLAN OF SERVICES
- INTERIM

PROJECT No. 117148
REV # 5
DRAWING No. 117148-GPI

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