

CROSS	SING TABLE								
	SAN OBV		WTR TOP		WTR BTM		TRI	jnk stm Inv	TRUNK STM OBV
	66.73								
	66.73		65.85		65.70				
	66.75		65.87		65.72				
	66.81	66.		11		65.96			
			67.31		67.16				
68.21 68.41			68.33		68.18		65.78 (65.58)		67.68 (67.88)
			ICD TA	BLE					
RIBUTARY AREA ID		IYPE	PE 5YR HEAD (m		100YR HEAD (m)		5	YR FLOW (L/s)	100YR FLOW (L/s
	LMF	105	1.53			1.54		12.11	12.15
		<u> </u>				I FASE RATE	<u>~</u>		
DRAIN TYPE		TRIBUTARY AREA ID						100YR RELEASE RAT (L/s)	E 100YR PONDING VOLUME (m³)
WATTS ACCUFLOW (50% OPEN)		ROOF 1A		3	3		0.15		39.2
WATTS ACCUFLOW (100% OPEN)		ROOF 1B		2		0.0			0.0
WATTS ACCUFLOW (75% OPEN)		ROOF 1C		5		0.15		7.85	67.1
WATTS ACCUFLOW (50% OPEN)		ROOF 2A		3		0.15		3.76	31.4
WATTS ACCUFLOW (100% OPEN)		ROOF 2B		2		0.0			0.0
					<u> </u>				
1	15	oumu	nØ V	WAIE	۲M	<u>AIN A</u>			
TION FINISHED GRADE			TOP OF W/M			ITEM			
	EA ID FLOW ( FLOW ( FLOW (	SAN OF 66.73 66.73 66.75 66.81 68.41 68.41 EA ID ICD 1 LMF IFLOW (50% OPEN) FLOW (100% OPEN) IFLOW (50% OPEN) IFLOW (50% OPEN) IFLOW (100% OPEN)	66.73   66.73   66.75   66.75   66.81   68.41   69.7   160.7   17.00%   18.0%   19.0%   19.0%   19.0%   10.0%   10.0%	SAN OBV WTR   66.73 65.   66.75 65.   66.75 65.   66.81 66.   67. 67.   68.41 68.   ICD TA 68.   ICD TYPE 5YR H   LMF 105 SCHEDU   AIN TYPE TRIBUTARY AREA ID   IFLOW (50% OPEN) ROOF 1A   FLOW (100% OPEN) ROOF 1B   JFLOW (50% OPEN) ROOF 2A   FLOW (100% OPEN) ROOF 2A   FLOW (100% OPEN) ROOF 2B	SAN OBV WTR TOP   66.73 65.85   66.73 65.87   66.75 65.87   66.81 66.11   67.31 68.41   68.41 68.33   ICD TABLE   EA ID ICD TYPE 5YR HEAD (m)   LMF 105 1.53   SCHEDULE OF ROC   AIN TYPE TRIBUTARY AREA ID # OF DRAI   JFLOW (50% OPEN) ROOF 1A 3   FLOW (100% OPEN) ROOF 2A 3   FLOW (100% OPEN) ROOF 2A 3   FLOW (100% OPEN) ROOF 2B 2   ISOmmØ WATEF	SAN OBV WTR TOP W   66.73 65.85 66.73   66.73 65.85 66.73   66.75 65.87 66.11   66.81 66.11 66.11   67.31 67.31 66.11   68.41 68.33 66.11   ICD TABLE   EA ID ICD TYPE 5YR HEAD (m) 1001   LMF 105 1.53 1.53 1001   SCHEDULE OF ROOF RE   AIN TYPE TRIBUTARY AREA ID # OF DRAINS   JFLOW (50% OPEN) ROOF 1A 3   FLOW (100% OPEN) ROOF 1B 2   JFLOW (50% OPEN) ROOF 2A 3   FLOW (100% OPEN) ROOF 2A 3   FLOW (100% OPEN) ROOF 2B 2	SAN OBV   WTR TOP   WTR BTM     66.73   65.85   65.70     66.73   65.85   65.72     66.75   65.87   65.72     66.81   66.11   65.96     67.31   67.16     68.41   68.33   68.18     ICD TABLE     EA ID   ICD TYPE   5YR HEAD (m)   100YR HEAD (m)     LMF 105   1.53   1.54     SCHEDULE OF ROOF RELEASE RATE:     AIN TYPE   TRIBUTARY AREA ID   # OF DRAINS   100YR Head (r     JFLOW (50% OPEN)   ROOF 1A   3   0.15     JFLOW (100% OPEN)   ROOF 1C   5   0.15     JFLOW (100% OPEN)   ROOF 2A   3   0.15     FLOW (100% OPEN)   ROOF 2B   2   0.0	SAN OBV   WTR TOP   WTR BTM   TRU     66.73   65.85   65.70   66.72     66.75   65.87   65.72   66.81     66.81   66.11   65.96   66.73     66.81   66.11   65.96   66.73     66.81   66.11   65.96   66.73     66.81   66.11   65.96   66.73     66.81   67.31   67.16   66.73     68.41   68.33   68.18   62     ICD TABLE     EA ID ICD TYPE   5YR HEAD (m)   100YR HEAD (m)   5     LMF 105   1.53   1.54   5     SCHEDULE OF ROOF RELEASE RATES     AIN TYPE   TRIBUTARY AREA ID   # OF DRAINS   100YR Head (m)     JFLOW (50% OPEN)   ROOF 1A   3   0.15     FLOW (100% OPEN)   ROOF 2A   3   0.15     JFLOW (30% OPEN)   ROOF 2B   2   0.0     ISOMMØWATERMAAIN A	SAN OBV   WTR TOP   WTR BTM   TRUNK STM INV     66.73   65.85   65.70   66.71     66.73   65.85   65.70   66.72     66.75   65.87   65.72   66.81     66.81   66.11   65.96   65.78     66.81   66.11   65.96   65.78     68.41   68.33   68.18   65.78 (65.58)     ICD TABLE     EA ID   ICD TYPE   5YR HEAD (m)   100YR HEAD (m)   5YR FLOW (L/s)     LMF 105   1.53   1.54   12.11     SCHEDULE OF ROOF RELEASE RATES     AIN TYPE   TRIBUTARY AREA ID   # OF DRAINS   100YR Head (m)   100YR RELEASE RATES     INTYPE   TRIBUTARY AREA ID   # OF DRAINS   100YR RELEASE RATES     AIN TYPE   TRIBUTARY AREA ID   # OF DRAINS   100YR Head (m)   100YR RELEASE RATES     JFLOW (50% OPEN)   ROOF 1A   3   0.15   7.85     JFLOW (50% OPEN)   ROOF 2A   3   0.15   3.76

+000	69.85	67.45±	150mmø TVS OFF EX. 250mmø C.I. WATERMAIN
-000.7	69.82	67.420	45° VERTICAL BEND UNDER STM AND SAN SEWER
-002.2	69.80	65.850	45° VERTICAL BEND UNDER STM AND SAN SEWER
-005.3	69.76	65.850	45° VERTICAL BEND UNDER STM AND SAN SEWER
-006.8	69.77	67.370	45° VERTICAL BEND UNDER STM AND SAN SEWER
+009.3	69.80	67.400	W3 WATER CHAMBER
-010.9	69.80	67.400	150mmØ X 150mmØ TEE
-012.4	69.81	67.410	22 <sup>1</sup> / <sub>2</sub> ° HORIZONTAL BEND
-014.7	69.82	67.420	150mmØ X 150mmØ TEE
-016.0	69.83	67.430	45° VERTICAL BEND UNDER STM AND SAN SEWER
-017.2	69.83	66.110	45° VERTICAL BEND UNDER STM AND SAN SEWER
-018.5	69.84	66.110	45° VERTICAL BEND UNDER STM AND SAN SEWER
-019.7	69.85	67.450	45° VERTICAL BEND UNDER STM AND SAN SEWER
+020	69.85	67.450	TOP OF PIPE
+030	69.60	67.200	TOP OF PIPE
+040	69.68	67.280	TOP OF PIPE
+044	69.71	67.310	$22\frac{1}{2}$ ° HORIZONTAL BEND
-051.2	70.01	91.250	FIRE HYDRANT



Stantec Consulting Ltd. 400 - 1331 Clyde Avenue Ottawa ON Tel. 613.722.4420 www.stantec.com

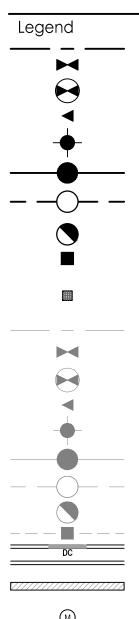
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PROPOSED WATERMAIN

PROPOSED VALVE CHAMBER

PROPOSED VALVE AND VALVE BOX



PROPOSED REDUCER PROPOSED FIRE HYDRANT PROPOSED SANITARY SEWER PROPOSED STORM SEWER PROPOSED CATCHBASIN MANHOLE PROPOSED CATCHBASIN PROPOSED WATTS FD-530 (OR EQUIVALENT) TO BE CONNECTED TO INTERNAL STORM SEWER PLUMBING. 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 PROPOSED DEPRESSED 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 REMOTE WATER METER

Notes

- FINAL METER AND REMOTE METER LOCATINS TO BE CONFIRMED BY MECHANICAL CONSULTANT.
- THE LOCATION OF UTILITIES IS APPROXIMATE ONLY AND THE EXACT LOCATION SHOULD BE DETERMINED BY CONSULTING THE MUNICIPAL AUTHORITIES AND UTILITY COMPANIES CONCERNED. THE CONTRACTOR SHALL PROVE THE LOCATION OF UTILITIES AND SHALL BE RESPONSIBLE FOR THEIR PROTECTION AND THE IMPLEMENTATION OF ANY NECESSARY PROCEDURES CA THE APPROPRIATE STANDARD AND REGULATIONS.
- INTERNAL PLUMBING AND SUMP PUMPS TO BE DESIGNED BY THE MECHANICAL CONSULTANT. UNDERGROUND PARKING STRUCTURE FLOOR DRAINS TO BE CONNECTED TO
- SANITARY SEWER SERVICE. THE INTERNAL PLUMBING IN BUILDING A TO ACCOMMODATE THE INDEPENDENT
- CONNECTIONS OF BUILDING B TO THE SANITARY, WATER AND STORM SERVICE STUBS AT BUILDING A. STORMWATER MANAGEMENT TO BE PROVIDED THROUGH A CISTERN IN EACH
- BUILDING. CISTERN TO BE LOCATED IN THE ASSOCIATED UNDERGROUND PARKING.

- BUILDING 1 CISTERN A = 39.0m<sup>3</sup> AND RELEASE RATE 34L/s PUMP RATE - BUILDING 2 CISTERN B = 21.0m<sup>3</sup> AND RELEASE RATE 15L/s PUMP RATE

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File Name: 160401672 DB	MJS	DT	MJS	21.09.22
	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

Client/Project

WESTRICH PACIFIC CORP.

MULTI-FAMILY RESIDENTIAL DEVELOPMENT 1125-1149 CYRVILLE ROAD OTTAWA, ON, CANADA

Title

SITE SERVICING PLAN

Project No. 160401672	Scale 0 2.5 1:250	7.5 12.5m
Drawing No.	Sheet	Revision
SSP-1	X of 7	0