

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

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**CLARIDGE
HOMES**
BUILDING QUALITY & VALUE FOR OVER 25 YEARS

APPROVED ☐ REFUSED ☐

THIS ____ DAY OF _____, 20__

**DON HERWEYER, MCIP, RPP, MANAGER
DEVELOPMENT REVIEW SOUTH
PLANNING, INFRASTRUCTURE AND**

No.	REVISION	DATE	BY	No.	REVISION	DATE	BY
				8.	REVISED STORM SEWER	MAR 22/18	GJM
				7.	REVISED PER CITY COMMENTS	JAN 31/18	GJM
				6.	REVISED GRADING ALONG FRONTAGE	DEC 20/17	GJM
				5.	REVISED RETAINING WALL AND WEST PARKING LOT	NOV 24/17	GJM
				4.	ADDITION OF PROPOSED OGS UNIT	NOV 15/17	GJM
				3.	ADDITION OF STORM ICD TABLE	OCT 26/17	GJM
				2.	REVISED PER CITY COMMENTS	SEPT 7/17	GJM
9.	REVISED PER ARCHITECTS SITE PLAN CHANGES	AUG 31/18	GJM	1.	ISSUED FOR SITE PLAN APPLICATION	MAY 25/17	GJM

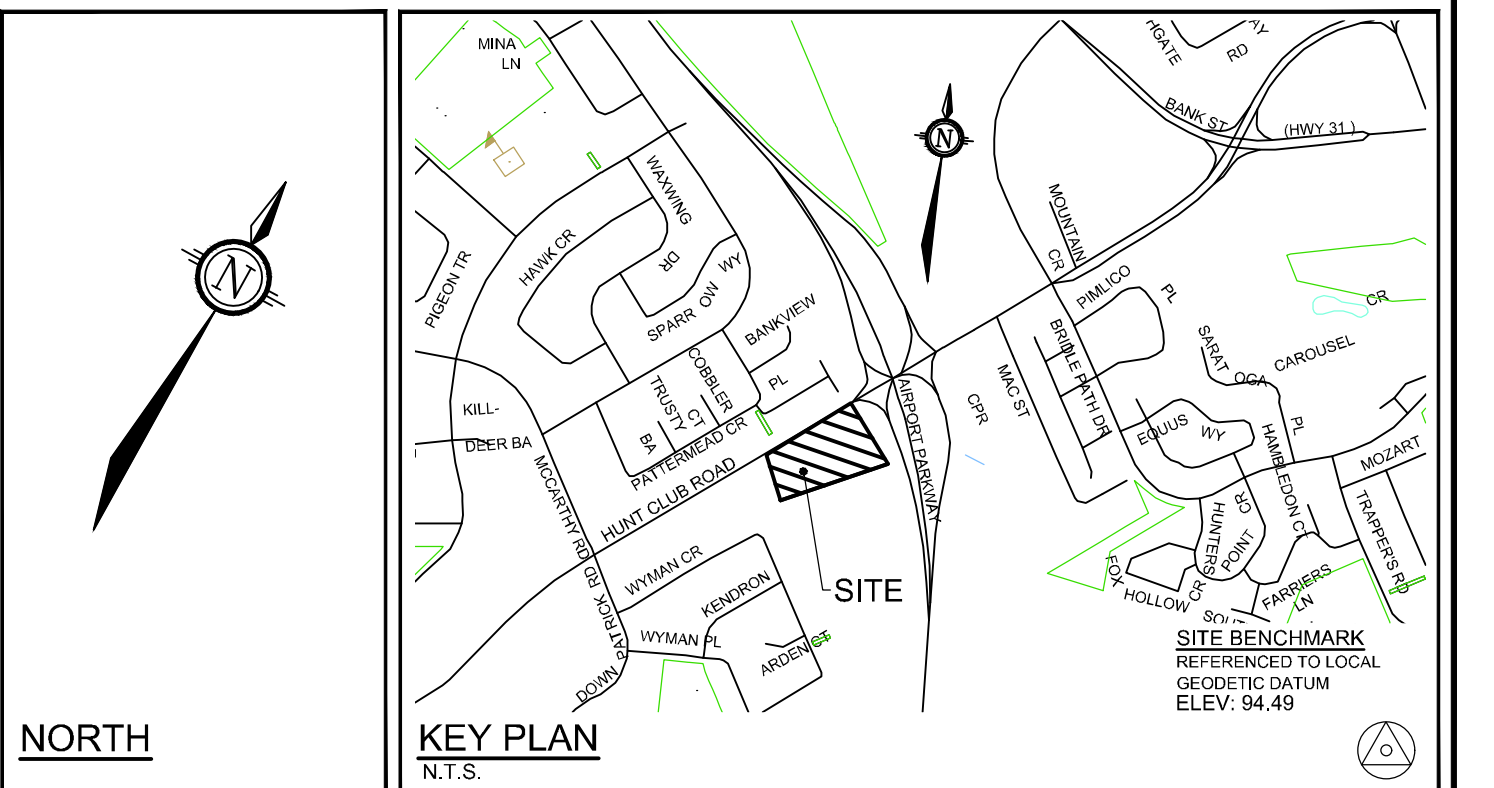
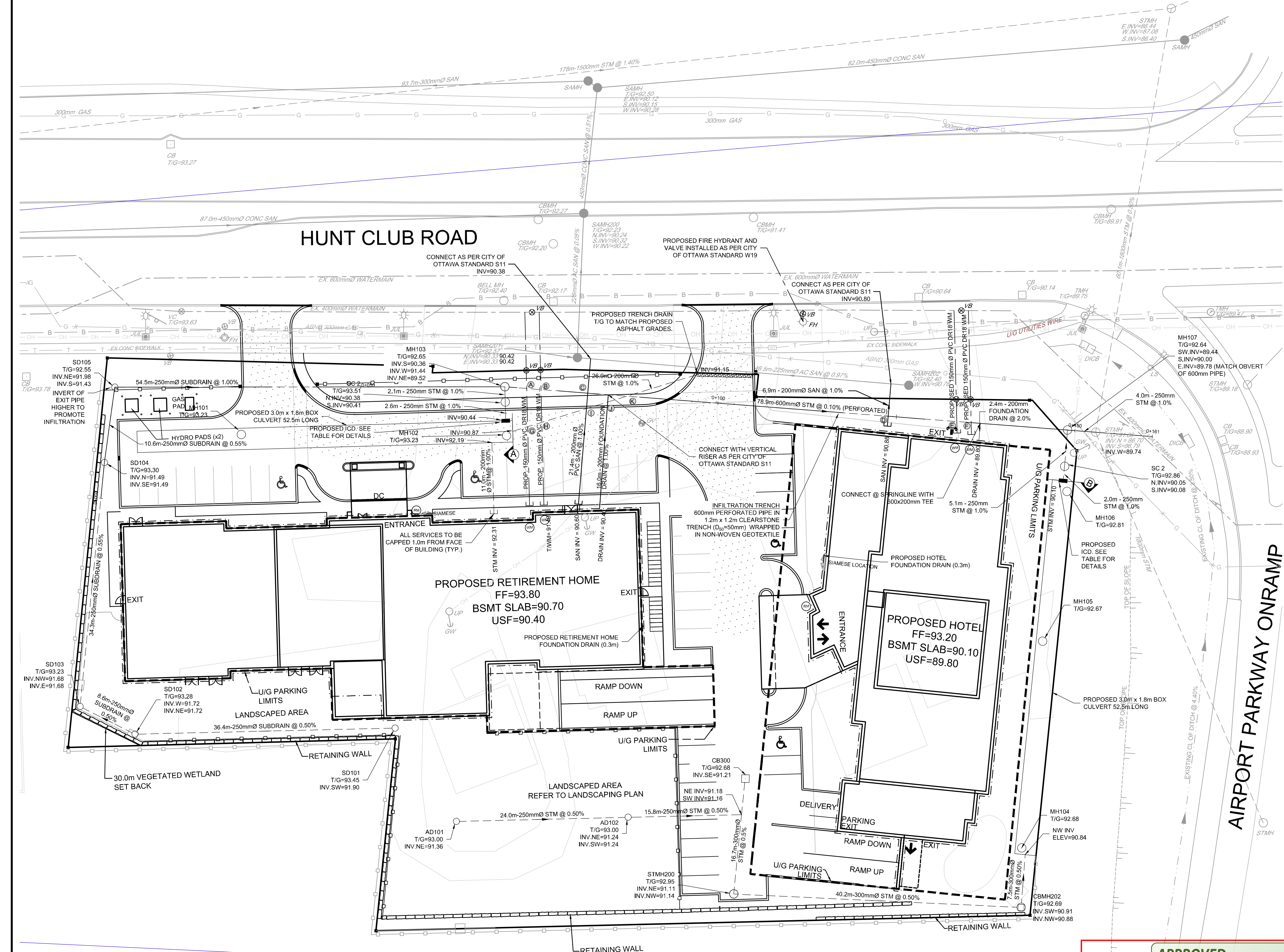
SCALE	DESIGN
1:300	MTL
1:300	GJM
1:300	MTL
1:300	GJM
1:300	GJM

FOR REVIEW ONLY



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LOCATION CITY OF OTTAWA HUNT CLUB DEVELOPMENT	PROJECT No. 117036-00
DRAWING NAME GENERAL PLAN OF SERVICES PHASE 2	REV # 9
	DRAWING No. 117036-GP2



LEGEND

PROPOSED PROPERTY LINE	EXISTING WATERMAIN VALVE CHAMBER
PROPOSED WATERMAIN	EXISTING WATERMAIN SHUT-OFF VALVE BOX
PROPOSED VALVE BOX	EXISTING WATERMAIN
PROPOSED STORM MANHOLE	EXISTING HYDRANT CIV LEAD & SHUT-OFF VALVE BOX
PROPOSED SANITARY SEWER	EXISTING GAS VALVE
PROPOSED FOUNDATION DRAIN	EXISTING GAS MAIN
UNDERGROUND PARKING LIMITS	EXISTING ABANDONED GAS MAIN
PROPOSED STORM SEWER	EXISTING BELL CONDUIT
PROPOSED STORM TRENCH DRAIN	EXISTING OVER HEAD WIRE
PROPOSED CAP	EXISTING GUY WIRE
EXISTING LEGAL ADJACENT LINE	EXISTING HYDRO/UTILITY POLE
EXISTING STANDARD IRON BAR / CONTROL POINT	EXISTING GUY WIRE
EXISTING FLOW DIRECTION OF SEWERS	EXISTING TRAFFIC MANHOLE
EXISTING SANITARY MANHOLE & SEWER	EXISTING JOINT USE STREET LIGHT
EXISTING STORM MANHOLE & SEWER	EXISTING STREET LIGHT
EXISTING CATCH BASIN	EXISTING TRAFFIC HAND HOLE
	EXISTING TRAFFIC SIGN
	EXISTING DITCH INLET
	CATCH BASIN

WATERMAIN TABLE

STATION	SURFACE ELEVATION	TOP OF WM ELEVATION	DESCRIPTION
1+000	90.25	88.02	DUAL 150mm Ø WATERMAIN FROM TEE TO HOTEL
1+012.4	92.93	90.53	CONNECT TO EXISTING 400mm Ø WM 90° THRUST BLOCK AT CONNECTION
1+015.5	93.00	90.52	PROPOSED VALVE
1+017.1	93.03	89.70	PROPOSED CROSSING OVER PROP. STORM CONNECTION TO BUILDING

NOTE:
WHERE PROPOSED WATERMAIN IS LESS THAN 2.4m BELOW GRADE, INSULATE WATERMAIN PER CITY OF OTTAWA STANDARD W22.

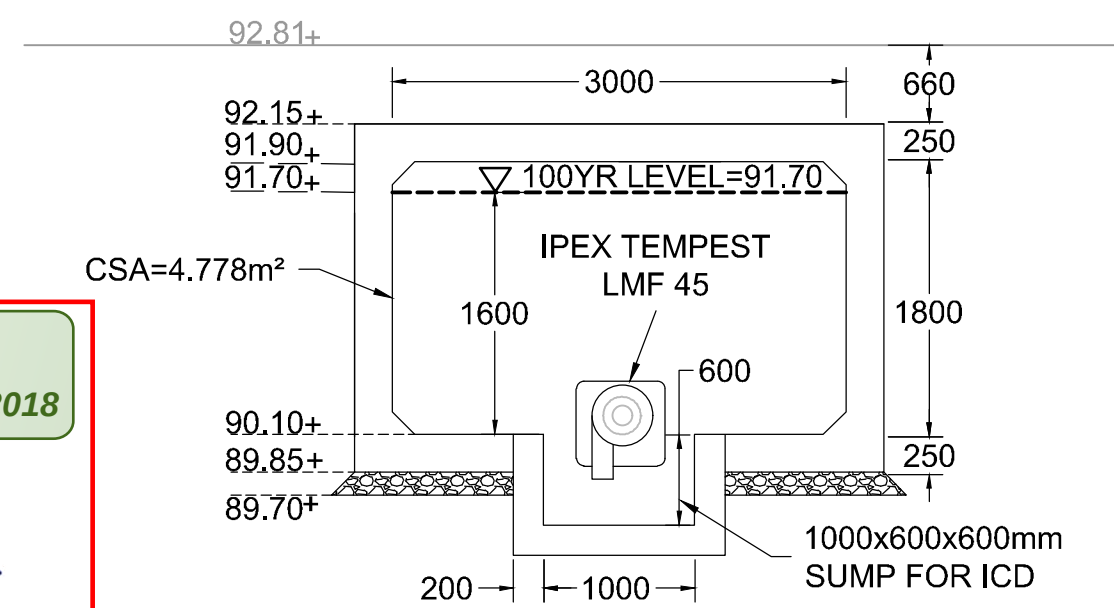
PIPE CROSSINGS

NO.	TOP OF WATERMAIN	STORM INV	SANITARY INV	CLEARANCE (ACTUAL)	CLEARANCE (MIN)
(A)	90.80	89.52		0.50	0.25 (W25.2)
(B)	90.80	89.51		0.50	0.25 (W25.2)
(C)		89.51	90.43	0.30	0.30
(D)		89.47	90.85	0.77	0.30
(E)	90.52	89.46		0.28	0.25 (W25.2)
(F)	90.52	89.45		0.28	0.25 (W25.2)
(G)	90.39	90.90		0.51	0.50 (W25)
(H)	90.41	90.92		0.51	0.50 (W25)
(I)		90.99	90.47	0.30	0.30
(J)		90.26 & 91.02		0.55	0.30
(K)		89.50 & 91.05		0.93	0.30

STORM ICD TABLE

STRUCTURE	T/G	100YR WL	OUTLET PIPE DIA.	INVERT	ICD MODEL/SIZE	100-YR HEAD (m)	RELEASE RATE (L/s)
MH102	93.23	93.33	250mm	90.44	IPEX TEMPEST LMF 40	2.77	2.2
MH106	92.81	91.70	250mm	90.10	IPEX TEMPEST LMF 45	1.48	2.2

NOTE: 100-YR HEAD MEASURED FROM CENTERLINE OF 250mm OUTLET PIPE



SECTION 'B' - HOTEL WATER STORAGE TANK
SCALE: 1:50

REFER TO 117036-ND FOR ADDITIONAL NOTES

APPROVED
By herweyerdo at 9:45 am, Oct 03, 2018

Don Herweyer

**DON HERWEYER, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW - SOUTH
PLANNING, INFRASTRUCTURE & ECONOMIC
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA**

D07-12-17-0068