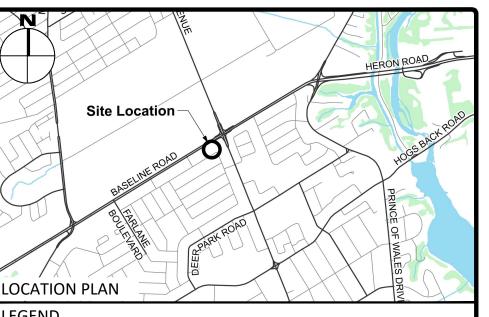


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GEND	BARRIER CURB &		SLOPING AT 3:1
DC	CURB DEPRESSION		UNLESS SPECIFIED
	PROPOSED CONCRETE SIDEWALK/WALKWAY	×95.94 ×93.20	PROPOSED ELEVATION EXISTING ELEVATION
OMH#	STORM MANHOLE	×95.94	SWALE ELEVATION
CB ■CICB DI	CATCHBASIN, CURB INLET OR DITCH INLET	x <sub>B</sub> /w100.50 yw90.50	TOP/BOTTOM WALL FACE ELEVATIONS
OMH#A	SANITARY MANHOLE	$\Rightarrow$	PROPOSED EMERGENCY OVERLAND FLOW ROUTE
	PROPERTY LINE	$\Rightarrow$	EXISTING DRAINAGE PATTERN
θ	WATER VALVE/CHAMBER	-^	HEAVY DUTY SILT FENCE BARRIER PER OPSD 219.130
<del>-</del>	FIRE HYDRANT		

BUILDING ENTRANCE

PROPOSED WALL PROPOSED GRASS PROPOSED FIRE DEPARTMENT CONNECTION — — CENTRELINE OF SWALE

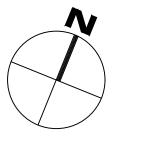
—— P —— EXISTING HYDRO LINE — st — EXISTING STORM SEWER —— онw —— EXISTING OHW — SAN EXISTING SAN SEWER —— G —— EXISTING GAS LINE — w — EXISTING WATERMAIN ──── B ──── EXISTING BELL SERVICE

SEPT 25, 2023 ISSUED FOR SITE PLAN CONTROL Date Check and verify all dimensions Do not scale drawings

before proceeding with the work SCALE 1:250

# McINTOSH PERRY

115 Walgreen Road, RR3, Carp, ON KOA 1L0 Tel: 613-836-2184 Fax: 613-836-3742 www.mcintoshperry.com





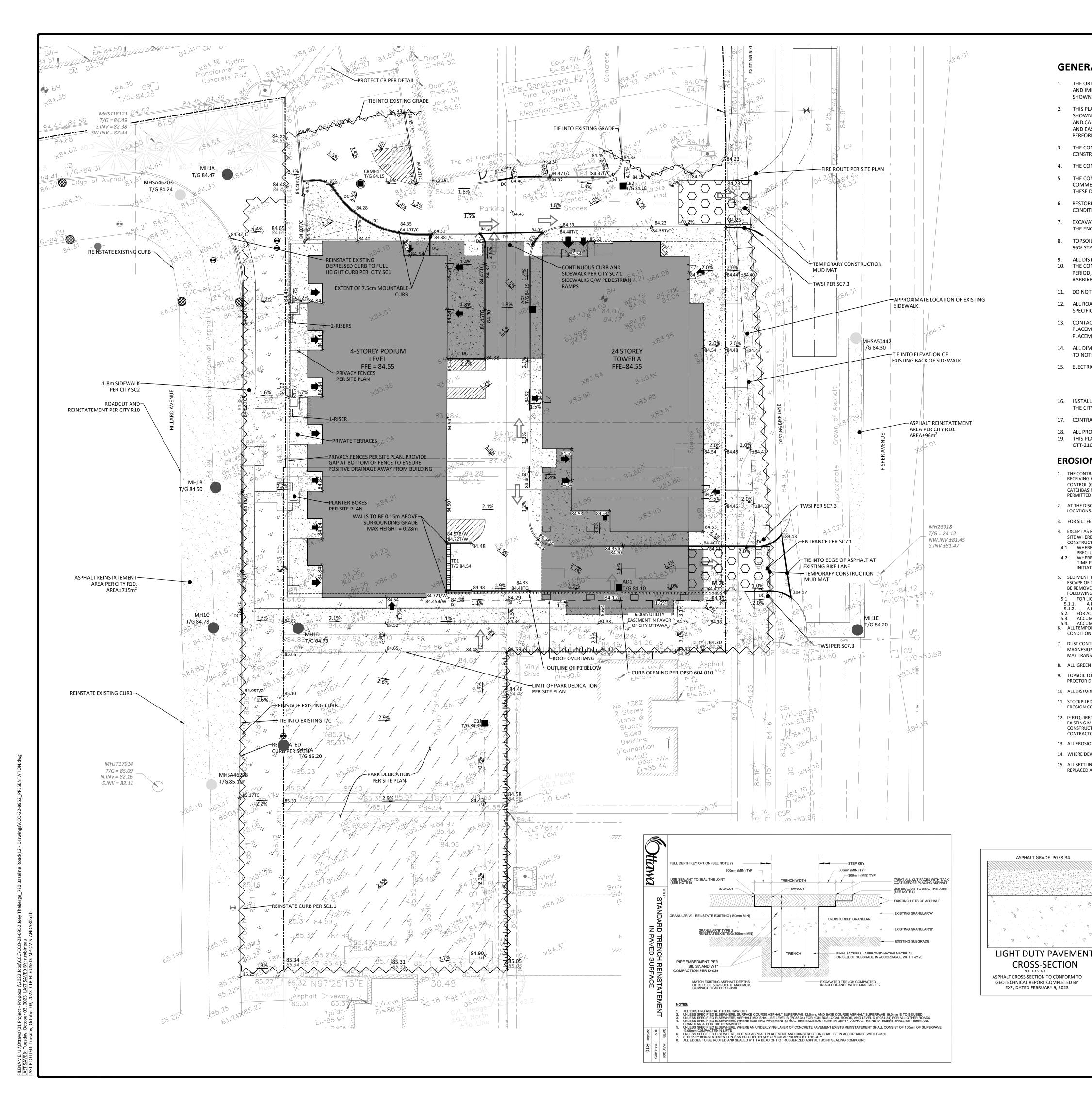
THEBERGE DEVELOPMENTS LTD. 1600 LAPPERRIERE AVE OTTAWA, ON K1Z 8P5

780 BASELINE - PHASE 1

OTTAWA

EXISTING CONDITIONS AND REMOVAL PLAN

1:250 CCO-22-0952 R.R.R. A.M.



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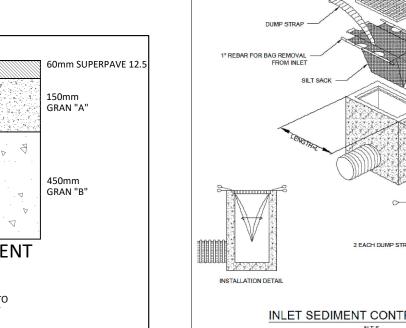
#### **EROSION AND SEDIMENT CONTROL**

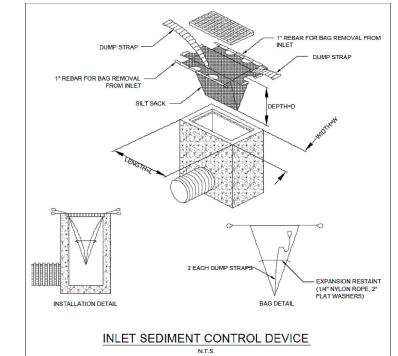
- 1. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES, TO PROVIDE FOR PROTECTION OF THE AREA DRAINAGE SYSTEM AND THE RECEIVING WATERCOURSE, DURING CONSTRUCTION ACTIVITIES. THIS INCLUDES LIMITING THE AMOUNT OF EXPOSED SOIL, TEMPORARY SEDIMENT CONTROL (GEOSOCK INSERTS WITH AN OVERFLOW UNDER GRATE OR COVER) TO BE IMPLEMENTED DURING CONSTRUCTION ON ALL PROPOSED ROAD CATCHBASINS. REARYARD CATCHBASINS AND CATCHBASIN MANHOLES AND OTHER SEDIMENT TRAPS. NO RECYCLED GEOSOCK MATERIAL SHALL BE
- 2. AT THE DISCRETION OF THE PROJECT MANAGER OR MUNICIPAL STAFF, ADDITIONAL SILT CONTROL DEVICES SHALL BE INSTALLED AT DESIGNATED
- 3. FOR SILT FENCE BARRIER, USE OPSD 219.110. GEOTEXTILE FOR SILT FENCE AS PER OPSS 1860, TABLE 3.
- 4. EXCEPT AS PROVIDED IN PARAGRAPHS 4.1., and 4.2. BELOW, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS FEASIBLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 14 DAYS AFTER THE
- CONSTRUCTION ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED. 4.1. WHERE THE INITIATION OF STABILIZATION MEASURES BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASE IS PRECLUDED BY SNOW COVER. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS FEASIBLE.
- 4.2. WHERE CONSTRUCTION ACTIVITY WILL RESUME ON A PORTION OF THE SITE WITHIN 21 DAYS FROM WHEN ACTIVITIES CEASED, (E.G. THE TOTAL TIME PERIOD THAT CONSTRUCTION ACTIVITY IS TEMPORARILY CEASED IS LESS THAN 21 DAYS) THEN STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF SITE BY THE 14TH DAY AFTER CONSTRUCTION ACTIVITY TEMPORARILY CEASED.
- SEDIMENT THAT IS ACCUMULATED BY THE TEMPORARY FROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED IN A MANNER THAT AVOIDS ESCAPE OF THE SEDIMENT TO THE DOWNSTREAM SIDE OF THE CONTROL MEASURE AND AVOIDS DAMAGE TO THE CONTROL MEASURE. SEDIMENT SHALL BE REMOVED TO THE LEVEL OF THE GRADE EXISTING AT THE TIME THE CONTROL MEASURE WAS CONSTRUCTED AND BE ACCORDING TO THE

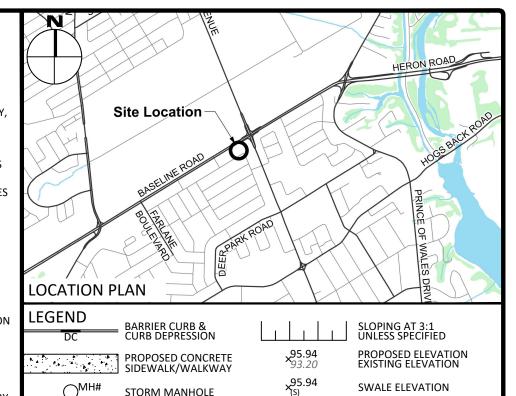
MAGNESIUM CHLORIDE FLAKES/SOLUTION SHALL BE USED AS DUST SUPPRESSANTS AS PER OPSS 506. THIS IS TO LIMIT WIND EROSION OF SOILS WHICH

- FOR LIGHT-DUTY SEDIMENT BARRIERS, ACCUMULATED SEDIMENT SHALL BE REMOVED ONCE IT REACHES THE LESSER OF THE FOLLOWING A DEPTH OF ONE-HALF THE EFFECTIVE HEIGHT OF THE CONTROL MEASURE.

  A DEPTH OF 300 MM IMMEDIATELY UPSTREAM OF THE CONTROL MEASURE.
- FOR ALL CONTROL MEASURES, ACCUMULATED SEDIMENT SHALL BE REMOVED AS NECESSARY TO PERFORM MAINTENANCE REPAIRS. ACCUMULATED SEDIMENT SHALL BE REMOVED PRIOR TO THE REMOVAL OF THE CONTROL MEASURE.
- ACCUMULATED SEDIMENT IS TO BE REMOVED AND DISPOSED OF AS PER OPSS 180. 5. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MONITORED TO ENSURE THEY ARE IN EFFECTIVE WORKING ORDER. THE
- CONDITION OF THE CONTROL MEASURES SHALL BE MONITORED PRIOR TO ANY FORECAST STORM EVENT AND FOLLOWING A STORM EVENT. 7. DUST CONTROL MEASURES SHOULD BE CONSIDERED PRIOR TO CLEARING AND GRADING. THE USE OF WATER, CALCIUM CHLORIDE FLAKES/SOLUTION O
- MAY TRANSPORT SEDIMENTS OFFSITE, WHERE THEY MAY BE WASHED INTO THE RECEIVING WATER BY THE NEXT RAINSTORM.
- 8. ALL 'GREEN AREAS' TO BE TREATED WITH 150mm TOPSOIL AND HYDROSEEDING AS SOON AS FEASIBLE, AS PER OPSS 570.
- 10. ALL DISTURBED AREAS TO BE RESTORED TO ORIGINAL CONDITION OR BETTER UNLESS OTHERWISE SPECIFIED.
- 11. STOCKPILED MATERIAL IS TO BE STORED AWAY FROM POTENTIAL RECEIVERS (E.G. STORM CATCHBASINS, MANHOLES), AND BE SURROUNDED BY EROSION CONTROL MEASURES WHERE MATERIAL IS LEFT IN PLACE IN EXCESS OF 14 DAYS.
- 12. IF REQUIRED, DEWATERING/SETTLING BASINS SHALL BE CONSTRUCTED AS PER OPSD 219.240 AND LOCATED ON FLAT GRADE UPSTREAM OF OTHER EXISTING MITIGATION MEASURES. WATERCOURSES SHALL NOT BE DIVERTED, OR BLOCKED, AND TEMPORARY WATERCOURSES CROSSINGS SHALL NOT BE CONSTRUCTED OR UTILIZED, UNLESS OTHERWISE SPECIFIED IN THE CONTRACT. IF CLOSURE OF ANY PERMANENT WATER PASSAGE IS NECESSARY, THE CONTRACTOR SHALL RELEASE ANY STRANDED FISH TO THE OPEN PORTION OF THE WATERCOURSE WITHOUT HARM.
- 13. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL CONFORM TO OPSS 577
- 14. WHERE DEWATERING IS REQUIRED, THE DISCHARGED WATER SHALL BE CONTROLLED IN ACCORDANCE WITH OPSS 518.
- 15. ALL SETTLING/FILTRATION BASINS SHALL BE EQUIPPED WITH TERRAFIX 270R GEOTEXTILE (OR APPROVED EQUIVALENT) AND SHALL BE CLEANED AND







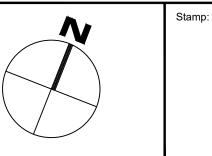
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	PROPOSED CONCRETE SIDEWALK/WALKWAY	×95.94 93.20	PROPOSED ELEVATION EXISTING ELEVATION
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CB ■CICB DI	CATCHBASIN, CURB INLET OR DITCH INLET	xT/w100.50 B/w90.50	TOP/BOTTOM WALL FACE ELEVATIONS
O <sup>MH#A</sup>	SANITARY MANHOLE	$\Rightarrow$	PROPOSED EMERGENCY OVERLAND FLOW ROUTE
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0	WATER VALVE/CHAMBER	-^\\\-	HEAVY DUTY SILT FENCE BARRIER PER OPSD 219.130
<b>→</b>	FIRE HYDRANT		BUILDING ENTRANCE
	PROPOSED WALL	, , , , ,	PROPOSED GRASS
$\langle \rangle \rangle$	PROPOSED FIRE DEPARTMENT CONNECTION	N	
(M) (RM)	PROPOSED WATER METER AND REMOTE METER	_ · _ · _ · _	CENTRELINE OF SWALE
	SEDIMENT CONTROL DEVICE PER DETAIL		PROPOSED ROADCUT AND REINSTATEMENT PER CITY R10
	OUTLINE OF PARK DEDICATION AREA. REFER TO SITE PLAN	00000	TEMPORARY CONSTRUCTION MUD MAT PER DETAIL
	NEI EN TO SITE I EN	— Р —	EXISTING HYDRO LINE
st	EXISTING STORM SEWER	—— онw ——	EXISTING OHW
SAN	EXISTING SAN SEWER	—— G ——	EXISTING GAS LINE
—— w ——	EXISTING WATERMAIN	— в ——	EXISTING BELL SERVICE

	2	ISSUED FOR SITE PLAN CONTROL	SEPT 25, 20
	1	ISSUED FOR SITE PLAN CONTROL	JUNE 09, 20
	No.	Revisions	Date
₹	Chec befor	ck and verify all dimensions re proceeding with the work Do not	scale drawin

SCALE 1:250

### McINTOSH PERRY

115 Walgreen Road, RR3, Carp, ON KOA 1L0 Tel: 613-836-2184 Fax: 613-836-3742 www.mcintoshperry.com



THEBERGE DEVELOPMENTS LTD. 1600 LAPPERRIERE AVE

OTTAWA, ON K1Z 8P5

780 BASELINE - PHASE 1

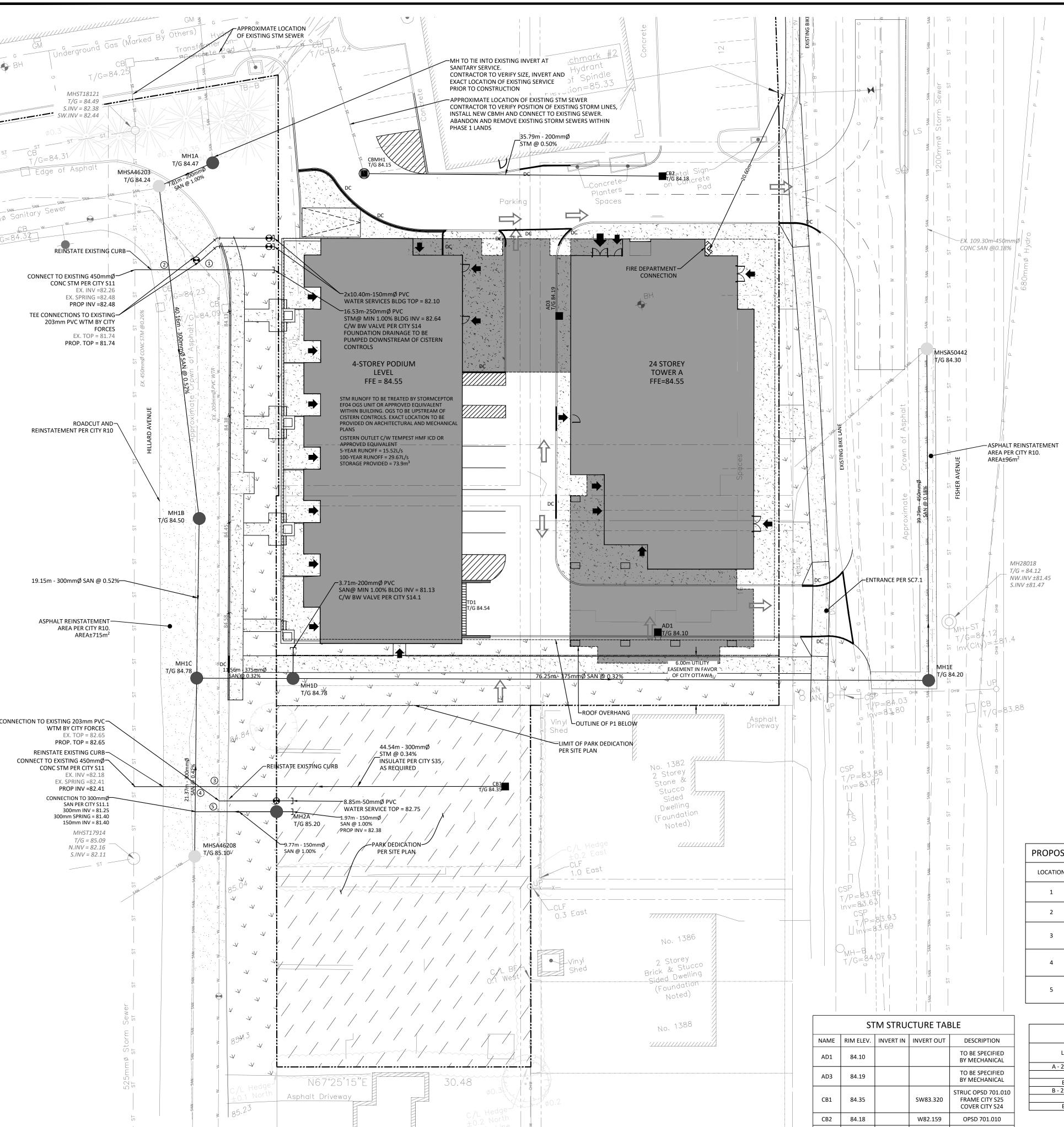
OTTAWA

GRADING, DRAINAGE AND EROSION &

SEDIMENT CONTROL PLAN

1:250 CCO-22-0952 R.R.R. A.M.

ON



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#### **SEWER NOTES:**

- 1. CONSTRUCT ALL SEWERS, CATCH BASINS, MANHOLES AND APPURTENANCES IN ACCORDANCE WITH OPSD STANDARDS AND SPECIFICATIONS, AS WELL AS
- 2. SEWER TRENCHING AND BEDDING SHALL CONFORM TO OPSD 802.010 AND 802.013 UNLESS NOTED OTHERWISE.
- 2.1. BEDDING SHALL BE A MINIMUM 150mm OF GRANULAR "A", COMPACTED TO MINIMUM 95% STANDARD PROCTOR DRY DENSITY. CLEAR STONE BEDDING SHALL NOT BE PERMITTED.
- 2.2. SUB-BEDDING, IF REQUIRED SHALL CONSIST OF 450mm OF COMPACTED GRANULAR "B" TYPE 1. 2.3. BACKFILL TO AT LEAST 300mm ABOVE TOP OF PIPE WITH GRANULAR "A" OR GRANULAR "B" TYPE 1.
- 2.4. TO MINIMIZE DIFFERENTIAL FROST HEAVING, TRENCH BACKFILL (FROM PAVEMENT SUBGRADE TO 2.0 METRES BELOW FINISHED GRADE) SHALL MATCH EXISTING SOIL CONDITIONS.
- 3. SANITARY SEWERS AND CONNECTIONS 150mmØ AND SMALLER TO BE PVC SDR-28.
- 4. SEWERS AND CONNECTIONS 200mmØ AND LARGER TO BE PVC SDR-35. BEDDING TO BE TYPE "B" EXCEPT AT RISERS, UNLESS NOTED OTHERWISE.
- 5. INSULATE ALL STORM AND SANITARY SEWERS/SERVICES THAT HAVE LESS THAN 2.0m OF COVER WITH THERMAL INSULATION AS PER S35.
- 6. SEWER CONNECTIONS ARE TO BE MADE ABOVE THE SPRINGLINE OF THE SEWERMAIN AS PER CITY OF OTTAWA STANDARD DRAWING S11, S11.1 & S11.2. 7. SUPPLY AND INSTALL ALL PIPING AND APPURTENANCES AS SHOWN AND DETAILED TO WITHIN 1.0m OF BUILDING. ALL ENDS OF SERVICES TO BE
- PROPERLY CAPPED AND LOCATED WITH 2"x4"X8' LONG MARKER.
- 8. CONTRACTOR TO TELEVISE (CCTV) ALL PROPOSED SEWERS ON SITE, OUTLET CONNECTION TO THE MAIN AND PIPES 150mmØ OR GREATER PRIOR TO BASE COURSE ASPHALT. UPON COMPLETION OF CONTRACT, THE CONTRACTOR IS RESPONSIBLE TO FLUSH AND CLEAN ALL SEWERS & APPURTENANCES.
- 9. DYE TESTING IS TO BE COMPLETED ON SANITARY SERVICE TO CONFIRM PROPER CONNECTION TO SANITARY SEWER MAIN. 10. ASPHALT AREAS DISTURBED WITHIN MUNICIPAL RIGHTS-OF-WAY TO BE RESTORED PER CITY OF OTTAWA STANDARD R10.

### WATERMAIN NOTES

- 1. CONSTRUCT ALL WATERMAINS AND APPURTENANCES IN ACCORDANCE WITH OPSD STANDARDS AND SPECIFICATIONS, AS WELL AS CITY STANDARDS.
- 2. WATERMAINS AND/OR WATER SERVICES ARE TO HAVE A MINIMUM COVER OF 2.4m. OTHERWISE THERMAL INSULATION IS REQUIRED AS PER CITY STANDARDS W22.
- 3. IF THE WATERMAIN MUST BE DEFLECTED TO MEET ALIGNMENT, ENSURE THAT THE AMOUNT OF DEFLECTION USED IS EQUAL TO OR LESS THAN THAT WHICH IS RECOMMENDED BY THE MANUFACTURER.
- 4. THERMAL INSULATION OF WATERMAINS AT OPEN STRUCTURES AS PER CITY STANDARDS W33.
- 5. VALVES TO BE OPERATED BY CITY STAFF ONLY
- 6. NO CONNECTION TO EXISTING WATER NETWORK SHALL BE COMPLETED UNTIL A WATER PERMIT IS OBTAINED FROM THE CITY. CITY TO BE PRESENT FOR WATERMAIN CONNECTION. CONNECTION, EXCAVATION, BACKFILLING AND REINSTATEMENT TO BE COMPLETED BY CONTRACTOR.
- 7. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PERFORM ANY WATERMAIN CONNECTION(S) REQUIRED. THIS SHALL BE COMPLETED IN THE PRESENCE OF A DESIGNATED MUNICIPAL WATER OPERATOR AND THE SELECTED CONTRACTOR SHALL PROVE TO THE SATISFACTION OF THE CITY THAT THEY ARE COMPETENT TO PERFORM THE WORKS PRIOR TO INITIATING CONSTRUCTION.
- 8. ALL WATERMAINS SHALL BE EQUIPPED GATE VALVES AS PER W3.
- 9. ALL FIRE HYDRANTS, VALVE AND VALVE BOX SHALL CONFORM TO W18 AND W19.
- 10. CONCRETE THRUST BLOCKS TO CONFORM TO OPSD 1103.010 AND OPSD 1103.020.
- 11. ALL WATERMAIN TO BE CLASS 150 DR-18 OR APPROVED EQUIVALENT.
- 12. ALL WATERMAIN TO BE EQUIPPED WITH TRACER WIRE.

PROPOSED SERVICES CROSSING CONFLICT TABLE				
LOCATION	DESCRIPTION			
1	EX. 203mmØ WTR OBV =81.85 PROP. 250mmØ STM INV = 82.56 SEPARATION = 0.71m			
2	PROP 300mmØ SAN OBV =81.60 PROP. 250mmØ STM INV = 82.51 SEPARATION = 0.91m			
3	EX. 203mmØ WTR OBV =82.60 PROP. 250mmØ STM INV = 83.10 SEPARATION = 0.50m			
4	300mmØ SAN OBV =81.54 PROP. 250mmØ STM INV = 82.06 SEPARATION = 0.52m			
5	EX. 203mmØ WTR INV =82.50 PROP. 150mmØ SAN OBV = 82.25 SEPARATION = 0.25m			

WATER COVER TABLE						
LOCATION	STATION	FINISHED GRADE	TOP OF PIPE	COVER		
A - 200 X 150 TEE	0+100.00	84.71	82.31	2.40		
VALVE	0+105.50	84.78	82.38	2.40		
BUILDING	0+106.63	84.80	82.40	2.40		
B - 250 X 150 TEE	0+100.00	84.71	82.31	2.40		
VALVE	0+105.50	84.78	82.38	2.40		
BUILDING	0+106.63	84.80	82.40	2.40		

STRUC OPSD 701.010

FRAME CITY S25

**COVER CITY S28.1** 

TRENCH DRAIN

PER CITY S15

NW82.350

CBMH1

TD1

84.15

84.54

E81.980

SAN STRUCTURE TABLE						
NAME	RIM ELEV.	INVERT IN	INVERT OUT	DESCRIPTION		
MH1A	84.47	NW81.820	SW81.760	STRUC OPSD 701.01 FRAME CITY S25 COVER CITY S24		
MH1B	84.50	NW81.141	\$81.090	STRUC OPSD 701.01 FRAME CITY S25 COVER CITY S24		
MH1C	84.78	S81.180 N80.990	E80.937	STRUC OPSD 701.01 FRAME CITY S25 COVER CITY S24		
MH1D	84.78	W80.900 N81.093	E80.884	STRUC OPSD 701.01 FRAME CITY S25 COVER CITY S24		
MH1E	84.20	W80.640 SE80.650	NW80.582	STRUC OPSD 701.02 FRAME CITY S25 COVER CITY S24		
MHSA46203	84.24	NE81.690 SW81.360	SE81.350	EXISTING MH		
MHSA46208	85.10	S81.280 SW81.300	N81.270	EXISTING MH		
MHSA50442	84.30	SE80.510	N80.500	EX.MH		

SAN-PARKLAND STRUCTURE TABLE							
NAME	RIM ELEV.	INVERT IN	INVERT OUT	DESCRIPTION			
MH2A	85.20	NE82.360	SW82.300	STRUC OPSD 701.010 FRAME CITY S25 COVER CITY S24			



LOCATION PL	AN T		RES
LEGEND	BARRIER CURB &		SLOPING AT 3:1
DC	CURB DEPRESSION		UNLESS SPECIFIED
	PROPOSED CONCRETE SIDEWALK/WALKWAY	×95.94 93.20	PROPOSED ELEVATION EXISTING ELEVATION
O <sup>MH#</sup>	STORM MANHOLE	×95.94	SWALE ELEVATION
CB <b>■</b> CICB DI	CATCHBASIN, CURB INLET OR DITCH INLET	X <sub>B/W</sub> 90.50	TOP/BOTTOM WALL FACE ELEVATIONS
O <sup>MH#A</sup>	SANITARY MANHOLE	$\Rightarrow$	PROPOSED EMERGENCY OVERLAND FLOW ROUTE
	PROPERTY LINE	$\Rightarrow$	EXISTING DRAINAGE PATTERN
0	WATER VALVE/CHAMBER	-^	HEAVY DUTY SILT FENCE BARRIER PER OPSD 219.130
<b>→</b>	FIRE HYDRANT		BUILDING ENTRANCE
	PROPOSED WALL	· , · , · )	PROPOSED GRASS
$\langle \rangle$	PROPOSED FIRE DEPARTMENT CONNECTIO	N	
(M) (RM)	PROPOSED WATER METER AND REMOTE METER		CENTRELINE OF SWALE

## 

— SAN EXISTING SAN SEWER

— w — EXISTING WATERMAIN

— P — EXISTING HYDRO LINE

— B — EXISTING BELL SERVICE

— OHW — EXISTING OHW

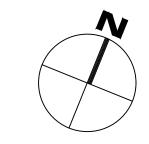
— G — EXISTING GAS LINE

	2	ISSUED FOR SITE PLAN CONTROL		SEPT 25, 2023
	1	ISSUED FOR SITE PLAN CONTROL		JUNE 09, 2023
	۱o.	Revisions		Date
b	Chec	ck and verify all dimensions The proceeding with the work	nots	scale drawings

SCALE	1:250				
0	5	10	15	20	25 Met

## McINTOSH PERRY

115 Walgreen Road, RR3, Carp, ON KOA 1L0 Tel: 613-836-2184 Fax: 613-836-3742 www.mcintoshperry.com



before proceeding with the work



THEBERGE DEVELOPMENTS LTD. 1600 LAPPERRIERE AVE OTTAWA, ON K1Z 8P5

780 BASELINE - PHASE 1

OTTAWA

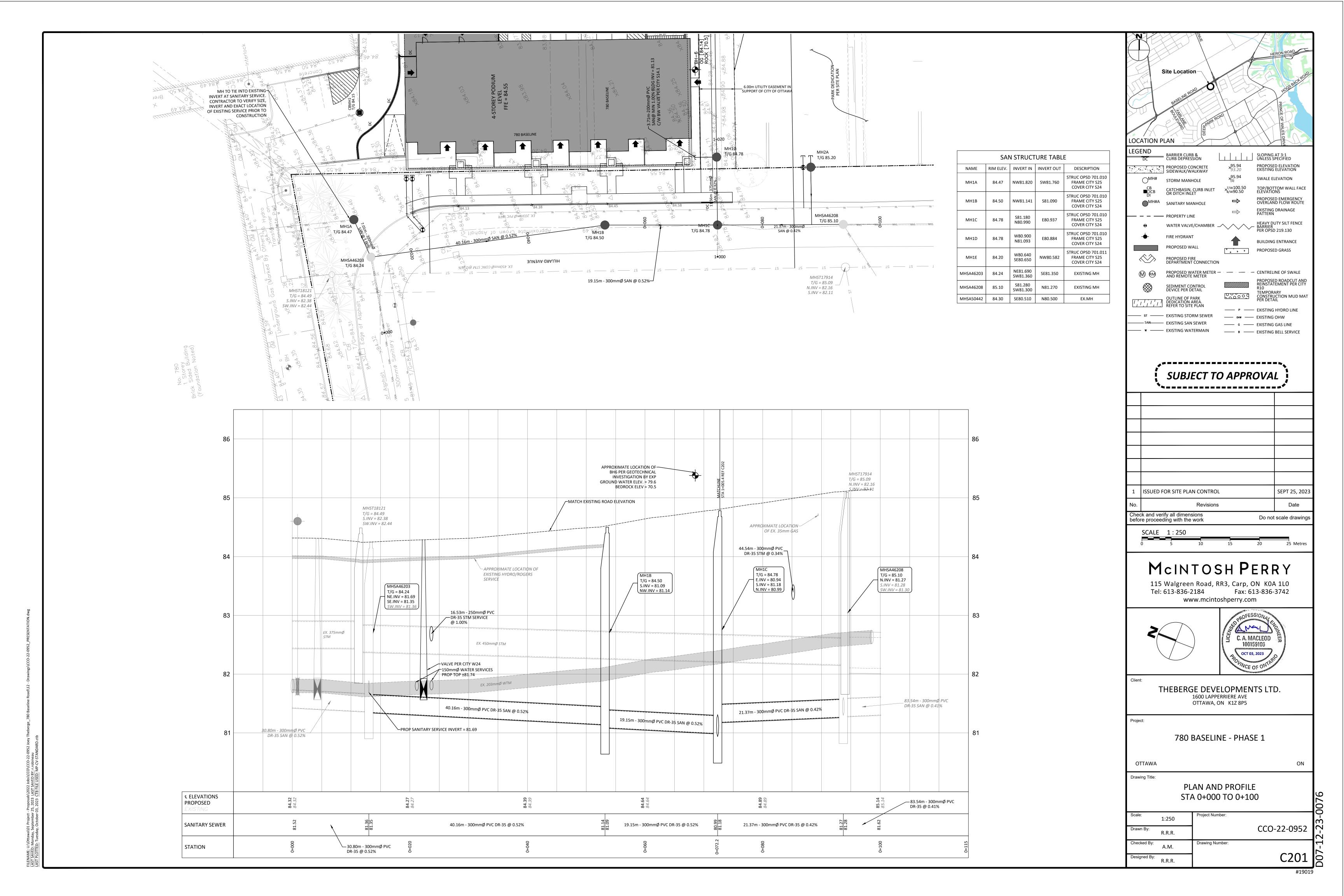
R.R.R.

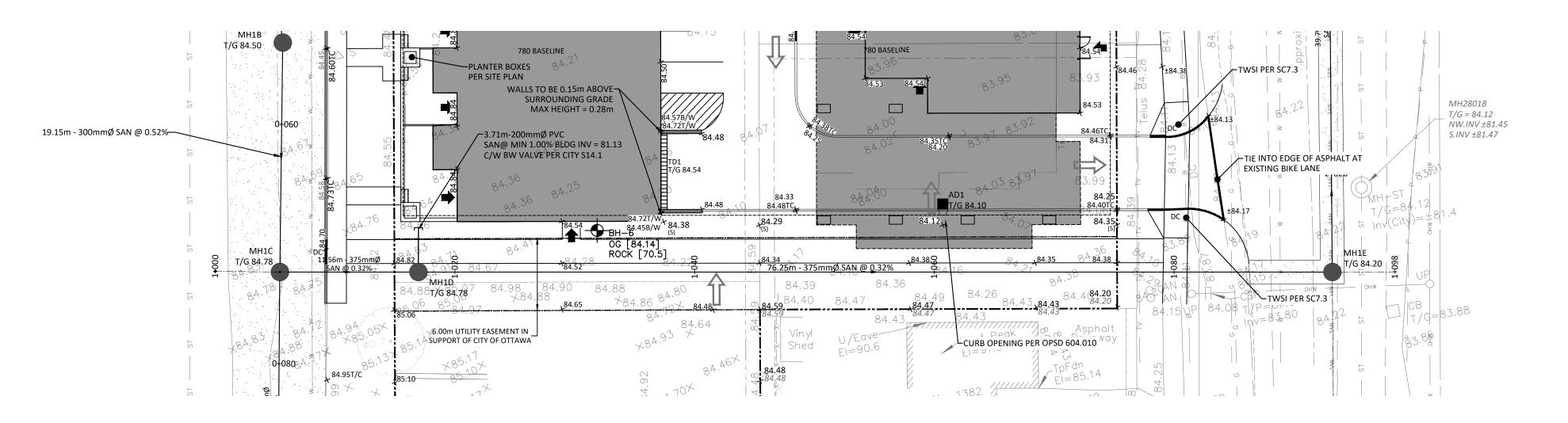
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ON

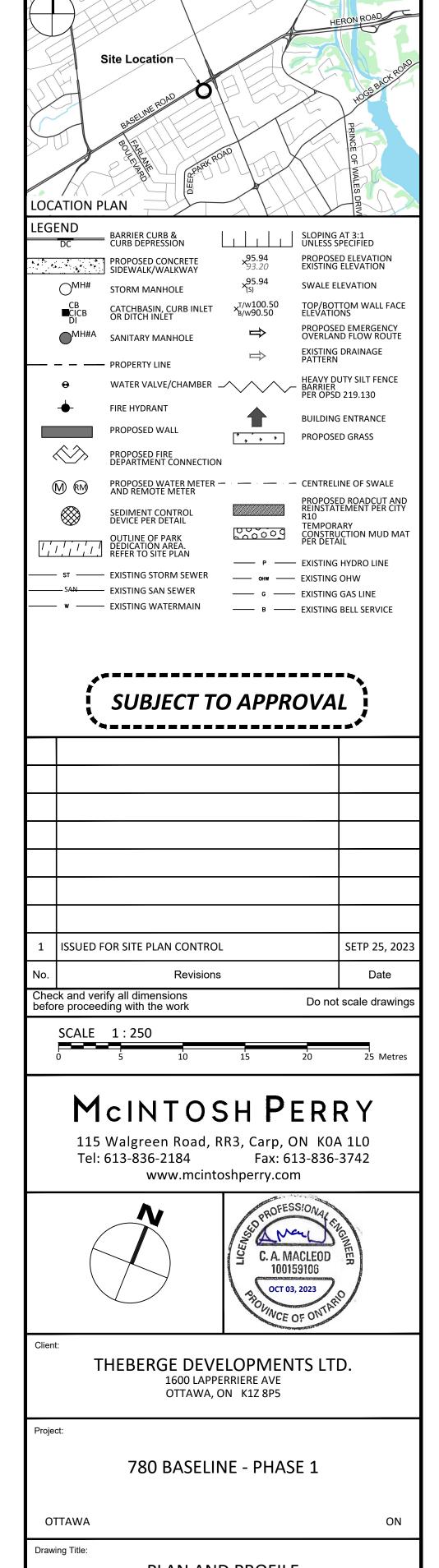
SITE SERVICING PLAN

1:250 CCO-22-0952 R.R.R. A.M.





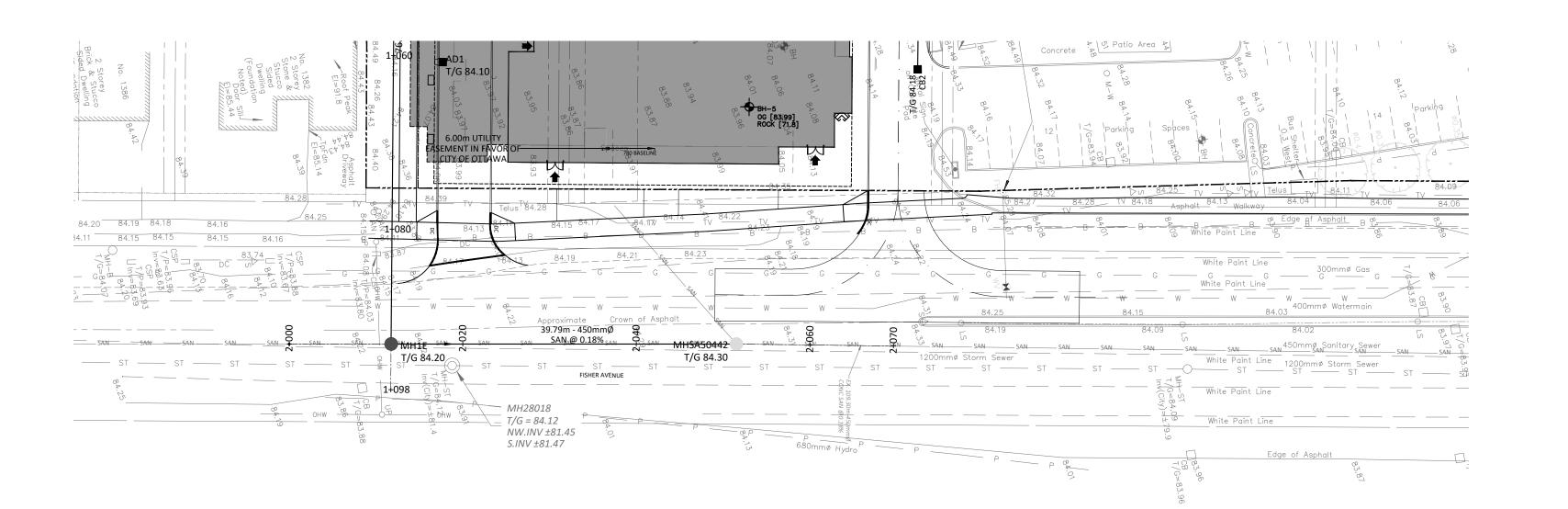
	SAI	N STRUCT	URE TABL	E
NAME	RIM ELEV.	INVERT IN	INVERT OUT	DESCRIPTION
MH1A	84.47	NW81.820	SW81.760	STRUC OPSD 701.0 FRAME CITY S25 COVER CITY S24
MH1B	84.50	NW81.141	\$81.090	STRUC OPSD 701.0 FRAME CITY S25 COVER CITY S24
MH1C	84.78	S81.180 N80.990	E80.937	STRUC OPSD 701.0 FRAME CITY S25 COVER CITY S24
MH1D	84.78	W80.900 N81.093	E80.884	STRUC OPSD 701.0 FRAME CITY S25 COVER CITY S24
MH1E	84.20	W80.640 SE80.650	NW80.582	STRUC OPSD 701.0 FRAME CITY S25 COVER CITY S24
MHSA46203	84.24	NE81.690 SW81.360	SE81.350	EXISTING MH
MHSA46208	85.10	S81.280 SW81.300	N81.270	EXISTING MH
MHSA50442	84.30	SE80.510	N80.500	EX.MH



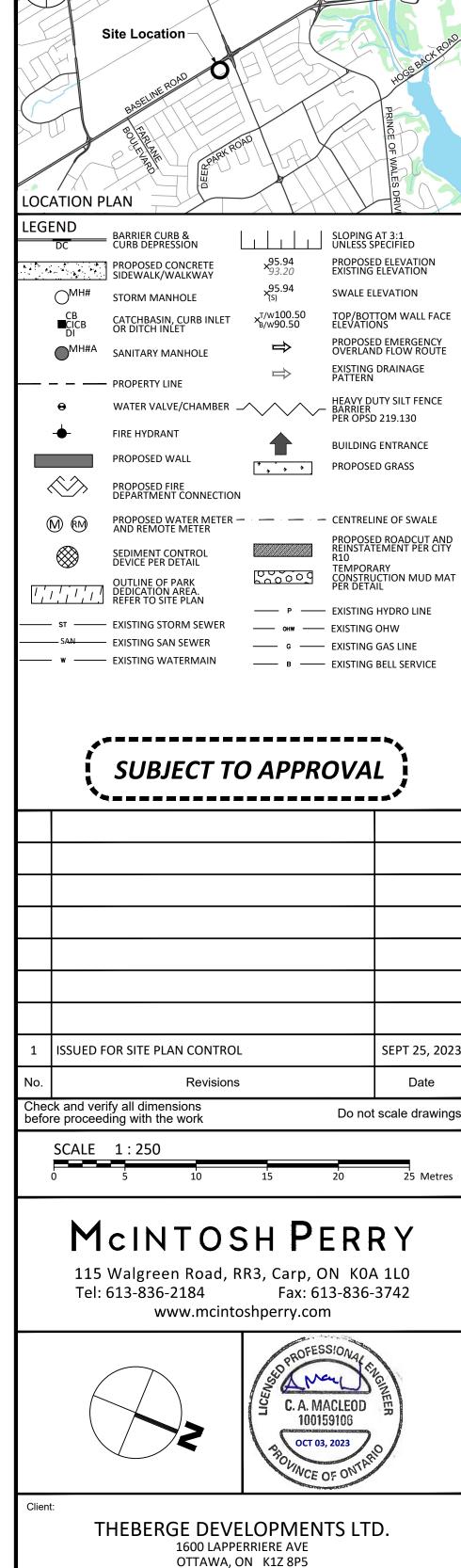
PLAN AND PROFILE STA 1+000 TO 1+100

				0
Scale:	1:250	Project Number:		3-(
Orawn By:	R.R.R.		CCO-22-0952	2-2
Checked By:	A.M.	Drawing Number:		7-1
Designed By:	R.R.R.		C202	0

-APPROXIMATE LOCATION OF BH6 PER GEOTECHNICAL INVESTIGATION BY EXP GROUND WATER ELEV. = 79.6 BEDROCK ELEV = 70.5 TIE INTO EXISTING GRADE AT EDGE OF ASPHALT TIE INTO EXISTING GRADE AT EDGE OF ASPHALT T/G = 84.35 SW.INV = 83.32 T/G = 84.78 W.INV = 80.90 E.INV = 80.88 T/G = 84.78 (N.INV = 81.09)TELUS SERVICE E.INV = 80.94 S.INV = 81.18 /44.54m - 300mmø PVC DR-35 STM @ 0.34% APPROXIMATE LOCATION OF EXISTING -- APPROXIMATE LOCATION OF BELL SERVICE EXISTING 1200mmØ STM APPROXIMATE LOCATION OF — EXISTING 203mm WTR MAIN APPROXIMATE LOCATION OF EXISTING --50mm WTR SERVICE 300mmØ GAS MAIN TOP ±82.75 T/G = 84.20 9.77m - 150mmØ PVC W.INV = 80.64 DR-35 SAN @ 1.00% NW.INV = 80.58 E,[NV = 80.65 SANITARY STUB INV = 82.38 -VALVE PER CITY W24 APPROXIMATE LOCATION OF -EXISTING 400mmØ WTM TOP±81.79 PROPOSED SERVICE ~ PROP SANITARY SERVICE INVERT = 81.09 CONNECTION PER CITY S11.1 CROSSING PER W25.2 SERVICE INVERT = 81.35 EX. WTR INV± 81.39 PROP. SAN OBV = 81.06 SEPARATION = 0.33m 76.25m - 375mmØ PVC DR-35 SAN @ 0.32% \_\_11.56m - 375mmØ PVC DR-35 SAN @ 0.32% € ELEVATIONS 84.71 84.76 84.39 84.15 PROPOSED 11.56m - 375mmØ PVC — DR-35 @ 0.32% SANITARY SEWER 76.25m - 375mmØ PVC DR-35 @ 0.32% STATION



	IAS	N STRUCT	URE TABL	E
NAME	RIM ELEV.	INVERT IN	INVERT OUT	DESCRIPTION
MH1A	84.47	NW81.820	SW81.760	STRUC OPSD 701.010 FRAME CITY S25 COVER CITY S24
MH1B	84.50	NW81.141	\$81.090	STRUC OPSD 701.010 FRAME CITY S25 COVER CITY S24
MH1C	84.78	S81.180 N80.990	E80.937	STRUC OPSD 701.010 FRAME CITY S25 COVER CITY S24
MH1D	84.78	W80.900 N81.093	E80.884	STRUC OPSD 701.010 FRAME CITY S25 COVER CITY S24
MH1E	84.20	W80.640 SE80.650	NW80.582	STRUC OPSD 701.011 FRAME CITY S25 COVER CITY S24
MHSA46203	84.24	NE81.690 SW81.360	SE81.350	EXISTING MH
MHSA46208	85.10	S81.280 SW81.300	N81.270	EXISTING MH
MHSA50442	84.30	SE80.510	N80.500	EX.MH



OTTAWA, ON K1Z 8P5

780 BASELINE - PHASE 1

OTTAWA

Drawing Title:

PLAN AND PROFILE STA 2+000 TO 2+070

1:250 CCO-22-0952 R.R.R. Checked By: A.M. Designed By: R.R.R. C203

-APPROXIMATE LOCATION OF BH5 PER GEOTECHNICAL INVESTIGATION BY EXP /-- APPROXIMATE LOCATION GROUND WATER ELEV. = 79.10 BEDROCK ELEV = 71.80 OF EXISTING TELUS AND BELL LINES APPROXIMATE LOCATION OF EXISTING 680mm HYDRO DUCT MH28018 T/G = 84.12NW.INV = 81.45 S.INV = 81.47 T/G = 84.30 T/G = 84.20 SE.INV = 80.51 N.INV = 80.50 W.INV = 80.64 SE.INV = 80.65 APPROXIMATE LOCATION OF EX. 305mmØ GAS EX. 1200mmØ STM EX. 1200mmØ STM EX. 400mmØ WTR EX. 375mmØ PVC DR-35 SAN @ 0.32% 39.79m - 450mmø CONC. CL 100-D SAN @ 0.18% 109.32m - 450mmØ CONC DR 35 SAN @ 0.18% € ELEVATIONS 84.18 84.18 \_\_67.53m - 375mmØ PVC PROPOSED DR-35 @ 0.32% 39.79m - 450mmØ CONC. CL 100-D @ 0.18% 109.32m - 450mmØ CONC. CL 100-D @ 0.18% SANITARY SEWER

STATION

ON