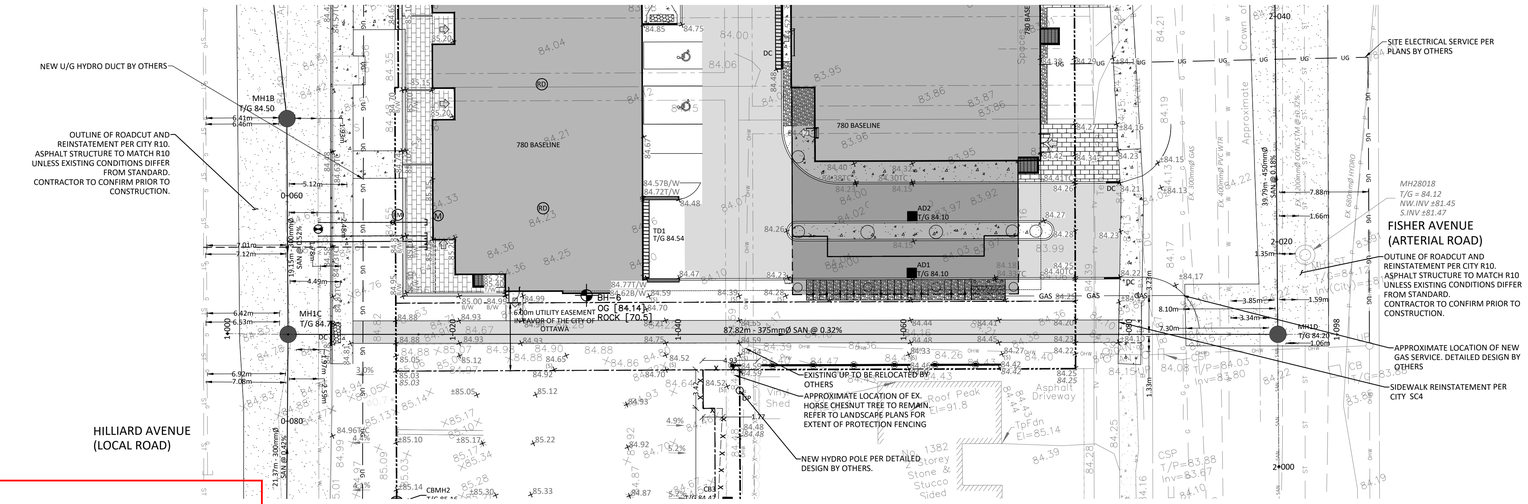
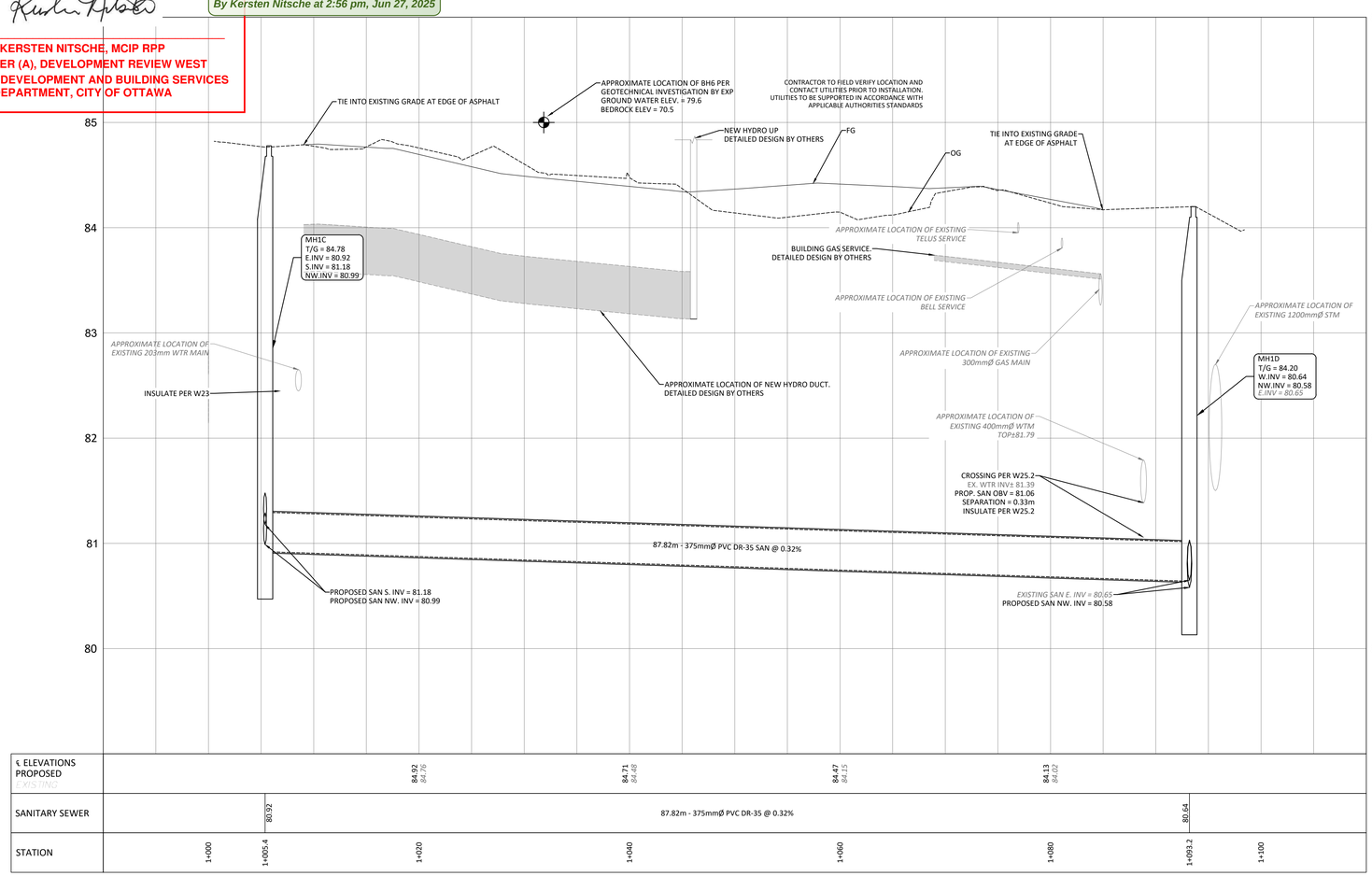




℄ ELEVATIONS PROPOSED / EXISTING		84.92 / 84.76		84.71 / 84.48		84.47 / 84.15		84.13 / 84.02	
SANITARY SEWER		80.92	87.82m - 375mmØ PVC DR-35 @ 0.32%					80.64	
STATION	1+000	1+005.4	1+020	1+040	1+060	1+080	1+093.2	1+100	

KERSTEN NITSCHE, MCIP RPP
MANAGER (A), DEVELOPMENT REVIEW WEST
PLANNING, DEVELOPMENT AND BUILDING SERVICES
DEPARTMENT, CITY OF OTTAWA

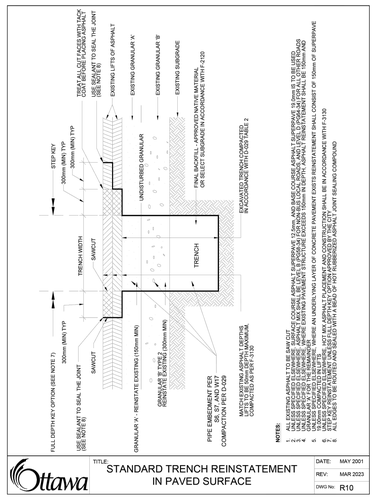
APPROVED
By Kersten Nitsche at 2:56 pm, Jun 27, 2025

SAN STRUCTURE TABLE

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	SE81.090	STRUC OPSD 701.010 FRAME CITY S25 COVER CITY S24
MH1C	84.78	S81.180 NW80.990	E80.921	STRUC OPSD 701.010 FRAME CITY S25 COVER CITY S24
MH1D	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

MUNICIPAL SEWER/WATERMAIN RELOCATION NOTES:

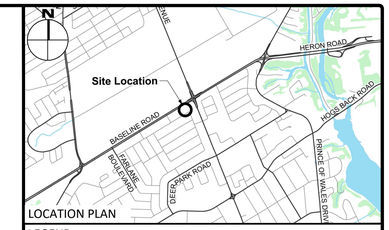
1. CONSTRUCT ALL SEWERS, MANHOLES AND APPURTENANCES IN ACCORDANCE WITH OPSD STANDARDS AND SPECIFICATIONS, AS WELL AS CITY.
2. SEWER TRENCHING AND BEDDING SHALL CONFORM TO OPSD 802.010 AND 802.013 UNLESS NOTED OTHERWISE.
   2.1. BEDDING SHALL BE A MINIMUM 150mm OF GRANULAR "A", COMPACTED TO MINIMUM 98% STANDARD PROCTOR DRY DENSITY (SPMDD). CLEAR STONE BEDDING SHALL NOT BE PERMITTED. BEDDING THICKNESS TO BE INCREASED TO 300mmm IF PLACED ON BEDROCK.
   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 1.8 METRES BELOW FINISHED GRADE) SHALL MATCH EXISTING SOIL CONDITIONS. THE TRENCH BACKFILL SHOULD BE PLACED IN MAXIMUM 225mm THICK LOOSE LIFTS AND COMPACTED TO 98% OF THE MATERIAL'S SPMDD.
3. THE CONTRACTOR IS RESPONSIBLE FOR CONSTRUCTION PHASING AND LAYOUT. A PHASING PLAN SHALL BE ESTABLISHED FOR THE REALIGNMENT OF THE PROPOSED WATER AND SANITARY SERVICES TO ENSURE CONTINUAL SERVICE FOR THE OFF-SITE FLOWS.
4. SEWERS AND CONNECTIONS 200mmØ-375mmØ TO BE PVC SDR-35. SEWER CONNECTIONS 450mmØ AND LARGER TO BE CONCRETE. BEDDING TO BE TYPE "B" EXCEPT AT RISERS, UNLESS NOTED OTHERWISE. SEWER CLASS IN ACCORDANCE WITH OPSD 807.010 & 807.030, AS APPLICABLE.
5. CONTRACTOR TO CCTV SANITARY SEWER UPSTREAM AND DOWNSTREAM OF PROPOSED TIE IN LOCATIONS PRIOR TO AND AFTER PROPOSED WORKS.
6. PROPOSED SANITARY MAINTENANCE STRUCTURES TO BE BENCHED PER OPSD 701.021.
7. SEWERS AND WATERMAINS LOCATED PARALLEL TO EACH OTHER SHOULD BE CONSTRUCTED IN SEPARATE TRENCHES. WHEN IT IS IMPOSSIBLE OR NOT PRACTICAL TO MAINTAIN VERTICAL AND/OR HORIZONTAL SEPARATION PER MECP STANDARDS, ALL SEWERS SHOULD BE CONSTRUCTED OF WATERMAIN QUALITY PIPE, PRESSURE TESTED IN PLACE AT A PRESSURE OF 350 kPa (50 psi) WITHOUT LEAKAGE USING THE TESTING METHODOLOGY IN ONTARIO PROVINCIAL STANDARD SPECIFICATION 701 (OPSS 701) OF THE OPS.
8. WHERE SANITARY SEWERS ARE 0.6M BELOW GROUNDWATER TABLE, SANITARY MAINTENANCE HOLES SHALL BE EXTERNALLY WRAPPED WITH WATERPROOF MEMBRANE PLACED EXTERNALLY AROUND ALL PRECAST JOINTS, INCLUDING JOINTS BELOW THE MAINTENANCE HOLE FRAME AND COVER, WITH A MINIMUM 300MM WIDE STRIP.
9. THE LOCATION OF EXISTING UTILITIES ARE TO BE FIELD VERIFIED PRIOR TO CONSTRUCTION.
10. INSTALLATION TO BE IN ACCORDANCE WITH CURRENT CODES AND STANDARDS OF APPROVAL AGENCIES HYDRO OTTAWA, BELL, ROGERS AND THE CITY.
11. CONSTRUCT ALL WATERMAINS AND APPURTENANCES IN ACCORDANCE WITH OPSD STANDARDS AND SPECIFICATIONS, AS WELL AS CITY STANDARDS.
12. WATERMAINS AND/OR WATER SERVICES ARE TO HAVE A MINIMUM COVER OF 2.4m. INSULATE ALL WATERMAINS AND SERVICES THAT HAVE LESS THAN 2.4m COVER WITH THERMAL INSULATION AS PER CITY DETAIL W.22.
13. 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.
14. THERMAL INSULATION OF WATERMAINS AT OPEN STRUCTURES AS PER CITY DETAIL W23.
15. VALVES TO BE OPERATED BY CITY STAFF ONLY.
16. NO CONNECTION TO EXISTING WATER NETWORK SHALL BE COMPLETED UNTIL A WATER PERMIT IS OBTAINED FROM THE CITY. CONNECTION BY CITY FORCES. EXCAVATION, BACKFILLING AND REINSTATEMENT TO BE COMPLETED BY CONTRACTOR.
17. CONCRETE THRUST BLOCKS TO CONFORM TO OPSD 1103.010, OPSD 1103.020 AND CITY OF OTTAWA STANDARDS. RESTRAINED JOINTS TO CONFORM TO CITY OF OTTAWA STANDARDS.
18. ALL WATERMAIN TO BE CLASS 150 DR-18 OR APPROVED EQUIVALENT.
19. ALL WATERMAIN TO BE EQUIPPED WITH TRACER WIRE.
20. AS PER CITY GUIDELINE, THE MINIMUM VERTICAL CLEARANCE BETWEEN WATERMAIN AND SEWER/UTILITY IS 0.25m FOR CROSSING OVER THE SEWER, AS PER CITY DETAIL W25.2 FOR CROSSING UNDER SEWER, THE MINIMUM VERTICAL CLEARANCE IS 0.5m AS PER CITY DETAIL W25. FOR CROSSING UNDER SEWER, ADEQUATE STRUCTURAL SUPPORT FOR THE SEWERS IS REQUIRED TO PREVENT EXCESSIVE DEFLECTION OF JOINTS AND SETTLING. THE LENGTH OF WATER PIPE SHALL BE CENTERED AT THE POINT OF CROSSING SO THAT THE JOINTS WILL BE EQUIDISTANT AND AS FAR AS POSSIBLE FROM THE SEWER.



Ottawa

TITLE: STANDARD TRENCH REINSTATEMENT IN PAVED SURFACE

DATE: MAY 2001
REV: MAR 2023
DWG No: R10



LOCATION PLAN

LEGEND

- BARRIER CURB & CURB DEPRESSION
- PROPOSED CONCRETE SIDEWALK/WALKWAY
- MH# STORM MANHOLE
- CB / DCB CATCHBASIN, CURB INLET OR DITCH INLET
- MH#A SANITARY MANHOLE
- PROPERTY LINE
- WATER VALVE/CHAMBER
- FIRE HYDRANT
- PROPOSED WALL
- PROPOSED FIRE DEPARTMENT CONNECTION
- PROPOSED WATER METER AND REMOTE METER
- CURB OPENING PER OPSD 604.010
- ST EXISTING STORM SEWER
- SAN EXISTING SAN SEWER
- PROPOSED WATERMAIN/SERVICE
- PROPOSED SAN SEWER/SERVICE
- PROPOSED STM SEWER/SERVICE
- PROPOSED PERFORATED STM SEWER/SERVICE
- SLOPING AT 3:1 UNLESS SPECIFIED
- 95.94 / 93.20 PROPOSED ELEVATION EXISTING ELEVATION
- 95.94 EX SWALE ELEVATION
- TW100.50 / BW90.50 TOP/BOTTOM WALL FACE ELEVATIONS
- PROPOSED EMERGENCY OVERLAND FLOW ROUTE
- EXISTING DRAINAGE PATTERN
- BUILDING ENTRANCE
- TWSI PER SC7.1
- CENTRELINE OF SWALE
- PROPOSED ROADCUT AND REINSTATEMENT PER CITY R10
- ASPHALT PATHWAY PER CITY SC21
- P EXISTING HYDRO LINE
- OHW EXISTING OHW
- G EXISTING GAS LINE
- B EXISTING BELL SERVICE
- ROG EXISTING ROGERS SERVICE
- EXTENT OF TREE PROTECTION FENCE PER LANDSCAPE PLAN

No.	Revisions	Date
8	ISSUED FOR REVIEW	APR 25, 2025
7	ISSUED FOR TENDER	JAN 31, 2025
6	ISSUED FOR APPROVAL	OCT 08, 2024
5	ISSUED FOR MUNICIPAL CONSENT	SEP 20, 2024
4	ISSUED FOR SITE PLAN CONTROL	AUG 01, 2024
3	ISSUED FOR MUNICIPAL CONSENT	JUNE 04, 2024
2	ISSUED FOR SPC AND MUNICPAL CONSENT	MAY 17, 2024
1	ISSUED FOR SITE PLAN CONTROL	SETP 25, 2023

Check and verify all dimensions before proceeding with the work

Do not scale drawings

SCALE 1 : 250

0 5 10 15 20 25 Metres

egis
info.north~america@egis~group.com
www.egis~group.com
750 PALLADIUM DRIVE, SUITE 310
(3rd FLOOR), KANATA,
ONTARIO, K2V 1C7
Tel: 613-836-2184 Fax: 613-836-3742

LICENSED PROFESSIONAL ENGINEER
C. A. MACLEOD
100159105
APR 25/2025
PROVINCE OF ONTARIO

Client:
THEBERGE DEVELOPMENTS LTD.
1600 LAPPERRIERE AVE
OTTAWA, ON K12 8P5

Project:
780 BASELINE - PHASE 1
OTTAWA ON

Drawing Title:
PLAN AND PROFILE
STA 1+000 TO 1+100

Scale: 1:250	Project Number: CCO-22-0952
Drawn By: R.R.R.	
Checked By: A.M.	Drawing Number: C202
Designed By: R.R.R.	

D07-12-23-0076

#19019

FILENAME: U:\Ottawa\01 Project - Proposal\2022 Jobs\CCO\CCO-22-0952 Jony Theberge _780 Baseline Road\12 - Drawing\CCO-22-0952_PRESENTATION.dwg
LAST SAVED: Tuesday, April 22, 2025 LAST SAVED BY: r.robineau
LAST PLOTTED: Wednesday, April 23, 2025 PLOTTED BY: