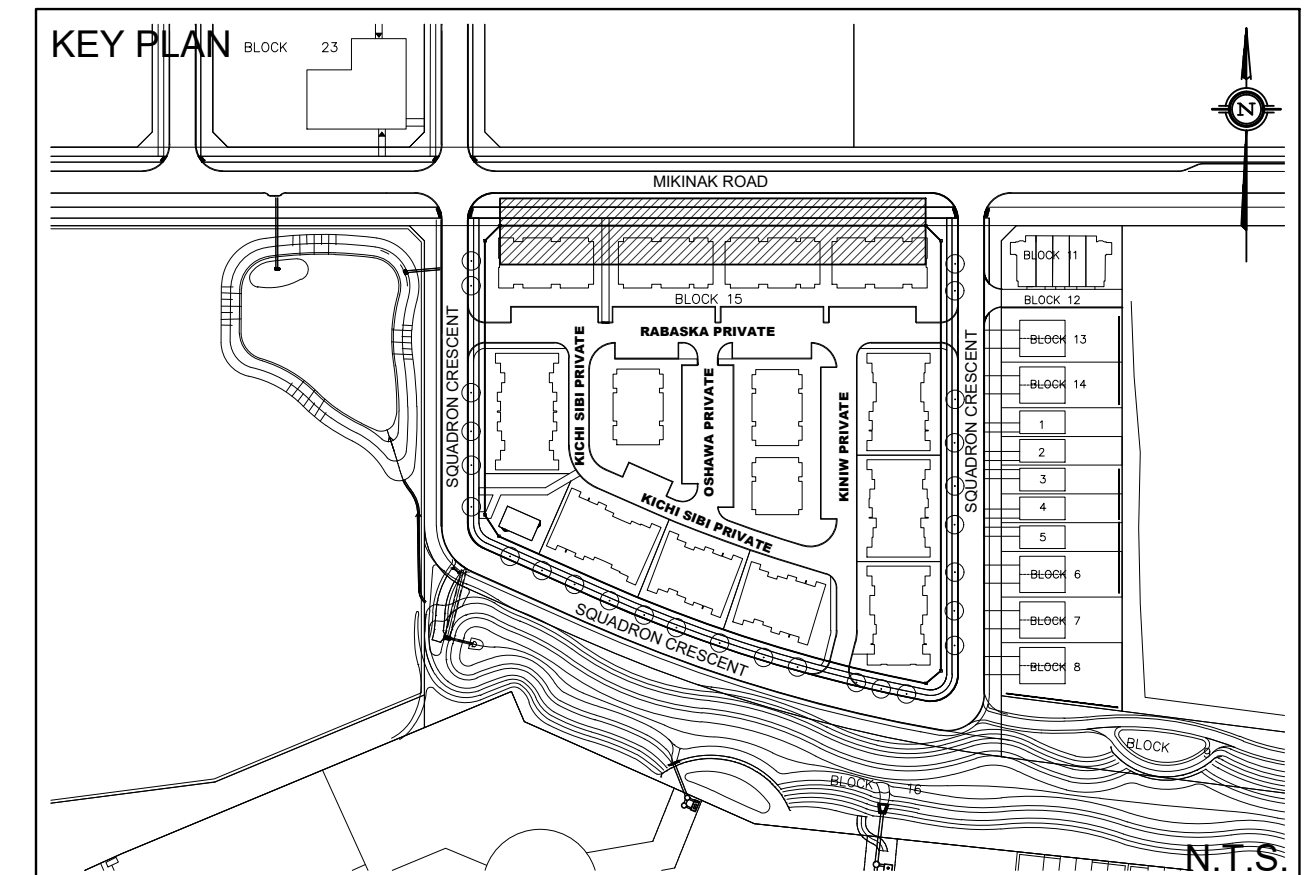
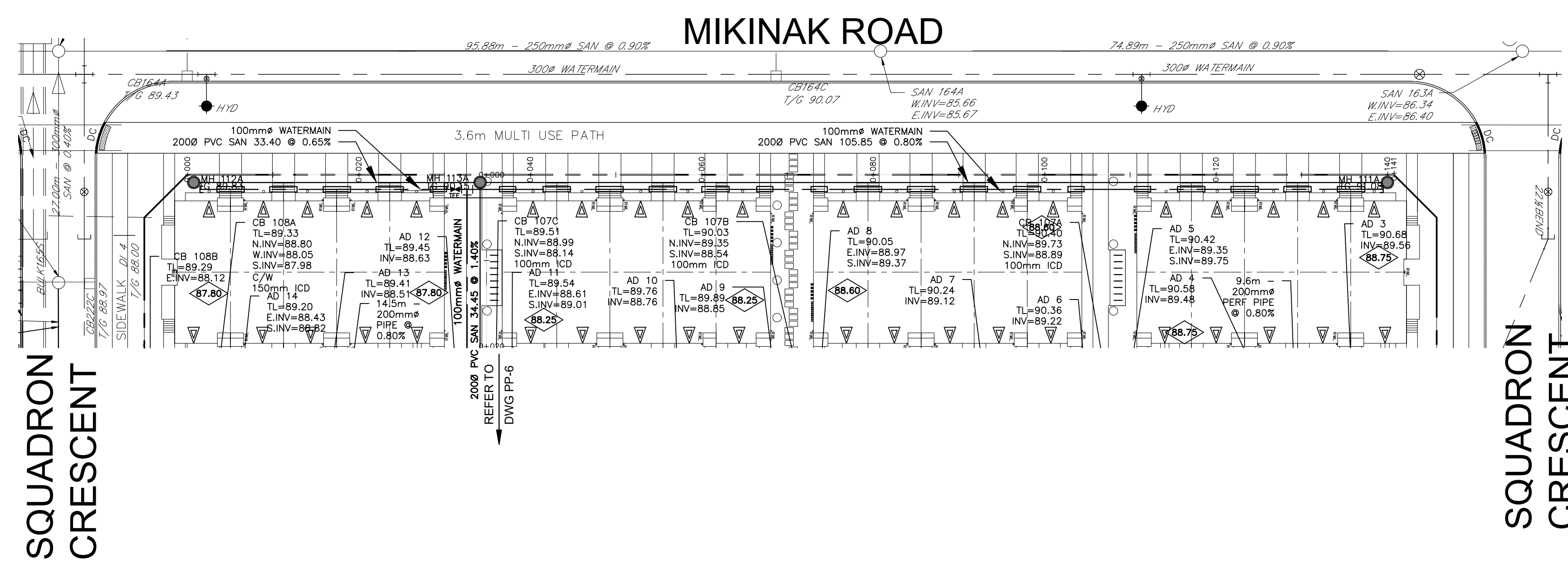


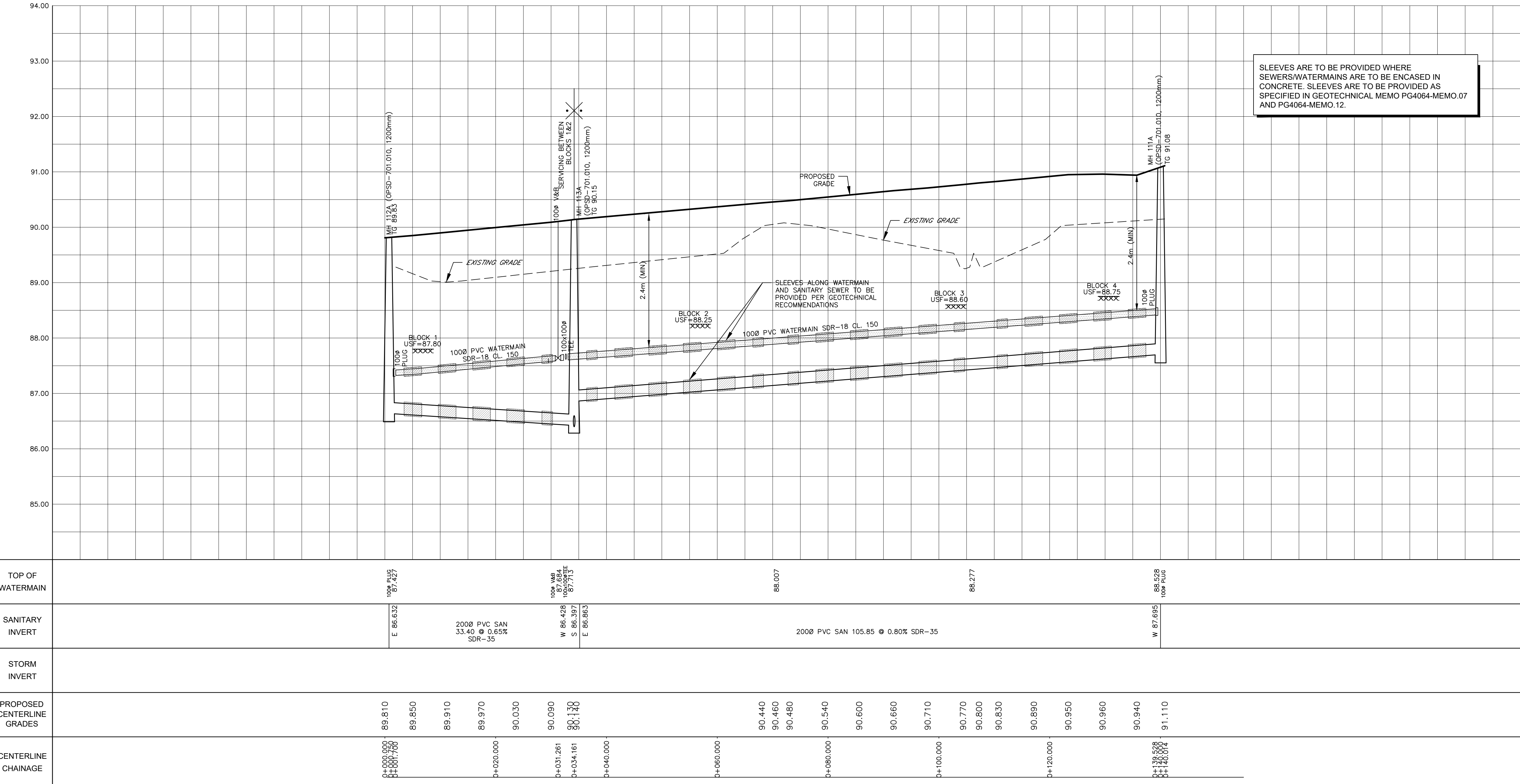
IF SILTY CLAY IS ENCOUNTERED AT THE LOWEST SERVICE INVERT LEVEL, CLAY SEALS ARE TO BE PROVIDED IN SERVICE TRENCHES AT NO MORE THAN 60 m INTERVALS. CLAY SEALS SHOULD BE AT LEAST 1.5 m LONG AND SHOULD EXTEND FROM TRENCH WALL TO TRENCH WALL AND SHOULD EXTEND FROM THE FROST LINE AND FULLY PENETRATE THE BEDDING, SUBBEDDING AND COVER MATERIAL. REFER TO GEOTECHNICAL RECOMMENDATIONS FOR CLAY SEAL REQUIREMENTS.

NOTE: ALL SANITARY SERVICE CONNECTIONS WITHIN SQUADRON CRESCENT SHALL HAVE CONTROLLED SETTLEMENT JOINTS DUE TO THE DEPTH OF THE SANITARY SEWER.

TO AVOID UNDERMINING OF THE FOOTING, WHERE SERVICES ARE WITHIN THE LATERAL SUPPORT ZONE, A LIGHTWEIGHT IN-FILLED TRENCH SHOULD BE SUB-EXCAVATED BELOW FOOTING LEVEL. REFER TO CROSS-SECTIONS DRAWING DS-3 FOR DETAIL.



- LEGEND**
- PROPERTY LINE
 - PROPOSED WATERMAIN
 - PROPOSED SANITARY SEWER
 - PROPOSED STORM SEWER
 - PROPOSED PERFORATED SUBDRAIN
 - PROPOSED VALVE BOX
 - PROPOSED FIRE HYDRANT
 - PEDESTRIAN CROSSWALK
 - DEPRESSED CURB
 - BARRIER CURB (CITY STD SC1.1)
 - RIVERSTONE 100mm DIA, 200mm DEEP 1.5m x 1.3m UNLESS OTHERWISE NOTED
 - 1.0m CURB CUT UNLESS OTHERWISE NOTED SEE DETAIL ON DWG DS-1
 - STANDARD SERVICES BACK TO BACK TOWNHOMES SEE DETAIL ON DWG DS-2
 - STANDARD SERVICES STACKED TOWNHOMES SEE DETAIL ON DWG DS-2
 - SLEEVES TO BE DESIGNED BY GEOTECHNICAL ENGINEER
 - PROPOSED STORM MANHOLE
 - PROPOSED SANITARY MANHOLE
 - PROPOSED CATCH BASIN
 - PROPOSED AREA DRAIN (PER CITY STD. S30 & S31)
 - CMB COMMUNITY MAILBOX
 - TWSI (TACTILE WALKING SURFACE INDICATOR)
 - ◇ 87.80 UNDERSIDE OF FOOTING (USF)
 - 100 YR STM H.G.L.



SLEEVES ARE TO BE PROVIDED WHERE SEWERS/WATERMANS ARE TO BE ENCASED IN CONCRETE. SLEEVES ARE TO BE PROVIDED AS SPECIFIED IN GEOTECHNICAL MEMO PG4064-MEMO.07 AND PG4064-MEMO.12.

SITE PLAN INFORMATION
 SITE PLAN PROVIDED BY KORSIAK URBAN PLANNING
 DATED OCTOBER 4, 2019

GEOTECHNICAL STUDY
 GEOTECHNICAL RECOMMENDATIONS PROVIDED BY PATERSON GROUP INC.
 PROJ. NO. PG4064-2
 DATED JUNE 25, 2019

SITE SERVICING AND STORMWATER MANAGEMENT STUDY
 SERVICING AND STORMWATER MANAGEMENT RECOMMENDATIONS PROVIDED BY DSEL
 PROJ. NO. 17-946
 DATED OCTOBER 2019

BENCH MARK
 ELEVATIONS ARE GEODETIC, REFERRED TO CITY OF OTTAWA VERTICAL BENCHMARK NO. 396
 ELEV= 95.06 METERS

No.	BY	DATE	DESCRIPTION
3	G.G.G.	19.10.08	ISSUED FOR MUNICIPAL REVIEW
2	G.G.G.	19.06.28	ISSUED FOR MUNICIPAL REVIEW
1	S.L.M.	19.02.01	ISSUED FOR MUNICIPAL REVIEW

PROJECT No. 17-946

BLK 1 - BLK 4 SERVICES - PLAN & PROFILE
 (STA 0+000.00 TO STA 0+140.00)
 WATERIDGE - BLOCK 15
 245 SQUADRON CRESCENT © DSEL

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 Fax. (613) 836-7183
 www.DSEL.ca

DRAWN BY:	G.G.G.	CHECKED BY:	S.L.M.	DRAWING NO.	SHEET NO.
DESIGNED BY:	G.G.G.	CHECKED BY:	S.L.M.	PP-5	8 of 13
SCALE:	H 1:400, V 1:40	DATE:	JANUARY 2019		