



WEST MEMORIAL BUILDING
 344 WELLINGTON
 FFE=68.84
 BFE=64.72
 SBF=58.84

NOTES:
GENERAL

- COORDINATES ARE IN MTM ZONE 9 (76°30' WEST LONGITUDE) NAD-83 (ORIGINAL)
- SERVICES ARE TO BE CONSTRUCTED TO 1.0m FROM FACE OF BUILDING.
- CONTRACTOR TO VERIFY ALL EXISTING UTILITY ELEVATIONS AT CONNECTION AND CROSSING LOCATIONS PRIOR TO CONSTRUCTION AND ADVISE THE ENGINEER OF ANY DISCREPANCIES.
- UNLESS DIRECTED OTHERWISE ANY DAMAGED ASPHALT OR CURB REGARDLESS OF WHETHER WITHIN OR EXTERNAL TO THE SITE SHALL BE REINSTATE IN ACCORDANCE WITH CITY STD. DET. R10 AND S1 UNLESS DIRECTED OTHERWISE THE CONTRACTOR SHALL REINSTATE ALL SIGNS, LIGHTING AND OTHER STREET FURNITURE DISTURBED BY THE WORK.
- THE CONTRACTOR SHALL DEVELOP AND IMPLEMENT TRAFFIC MANAGEMENT PLANS FOR WORK IN RIGHT OF WAY IN ACCORDANCE WITH OTM BOOK 7.

SEWERS

- ALL STORM SEWERS, SANITARY SEWERS AND CATCH BASINS LEADS SHALL BE PVC DR 35 UNLESS OTHERWISE SPECIFIED.
- REFER TO DETAIL 1 FOR SEWER INSTALLATION DETAIL.
- MAINTENANCE HOLES AND CATCH BASIN MAINTENANCE HOLES ON STORM SEWERS LESS THAN 900mm DIAMETER SHALL BE CONSTRUCTED WITH A 300mm SUMP. BENCHING SHALL BE INSTALLED IN MAINTENANCE HOLES ON STORM SEWERS 900mm AND ABOVE.
- STORM SEWER MAINTENANCE HOLE COVERS SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA STANDARD DETAIL S24.1 ON FRAMES TO DETAIL S25.
- CONTRACTOR SHALL VERIFY ALL EXISTING UTILITY ELEVATIONS AT CONNECTION AND CROSSING LOCATIONS PRIOR TO CONSTRUCTION AND ADVISE THE ENGINEER OF ANY DISCREPANCIES.
- UNLESS DIRECTED OTHERWISE ANY DAMAGED ASPHALT OR CURB REGARDLESS OF WHETHER WITHIN OR EXTERNAL TO THE SITE SHALL BE REINSTATE IN ACCORDANCE WITH CITY STD. DET. R10 AND S1 UNLESS DIRECTED OTHERWISE THE CONTRACTOR SHALL REINSTATE ALL SIGNS, LIGHTING AND OTHER STREET FURNITURE DISTURBED BY THE WORK.
- THE CONTRACTOR SHALL DEVELOP AND IMPLEMENT TRAFFIC MANAGEMENT PLANS FOR WORK IN RIGHT OF WAY IN ACCORDANCE WITH OTM BOOK 7.

WATERMANS

- ALL WATERMAIN MATERIALS AND CONSTRUCTION METHODS SHALL BE IN ACCORDANCE WITH THE 2017 EDITION OF THE CITY OF OTTAWA STANDARD SPECIFICATIONS AND STANDARD DRAWINGS. PVC PIPE TO BE CLASS 150 DR18 TO LATEST EDITION OF A.W.W.A. SPECIFICATION C900 AND CSA B137.3 LATEST AMENDMENT WITH GASKETED BELL AND SPIGOT JOINTINGS.

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A WATER PERMIT AS REQUIRED FROM THE CITY OF OTTAWA, AND COMPLYING WITH ALL CITY OF OTTAWA REQUIREMENTS. THE CITY MAY REQUIRE THAT CERTAIN ACTIVITIES (E.G. VALVE OPERATION, CONNECTION OF NEW WATER SERVICE TO EXISTING WATERMAIN, DISINFECTION) BE CARRIED OUT ONLY BY CITY FORCES.
- ALL VALVES 300mm DIAMETER AND SMALLER SHALL INCLUDE A VALVE BOX AS PER W24.
- THE NEW WATERMAIN IS TO BE INSTALLED WITH A MINIMUM OF 2.4m COVER (INCLUDING HYDRANT LEAD), WHERE 2.4m COVER IS NOT POSSIBLE, PROVIDE INSULATION IN ACCORDANCE WITH CITY OF OTTAWA STANDARD DETAIL W22.8 W23.
- THRUST RESTRAINT SHALL BE PROVIDED BY BOTH RESTRAINING/RETAINING RINGS AND THRUST BLOCKS AT ALL DEAD END CAPS, PLUGS, VALVES, BENDS AND REDUCERS AS PER CITY OF OTTAWA STANDARD DETAILS W23.3, W25.4, W25.5 AND W25.6. ALL TEMPORARY THRUST RESTRAINTS ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- TRACER WIRE SHALL BE PROVIDED FOR ALL NEW PVC WATERMANS IN ACCORDANCE WITH THE SPECIFICATIONS AND CITY OF OTTAWA STANDARD DETAIL W36.
- CATHODIC PROTECTION SHALL BE PROVIDED FOR ALL NEW WATERMANS IN ACCORDANCE WITH THE SPECIFICATIONS AND CITY OF OTTAWA STANDARD DETAILS W39, W40, W41, W42 AND W47. CATHODIC PROTECTION OF EXISTING WATERMANS SHALL ALSO BE PROVIDED AT CONNECTIONS BETWEEN EXISTING AND NEW WATERMANS.
- ADJUST ALL VALVE CHAMBERS, VALVE BOXES AND HYDRANTS TO NEW GRADE.

UTILITY NOTE

- THE POSITION OF POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWING, AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM. THE CONTRACTOR WILL BE RESPONSIBLE FOR SUPPORTING AND PROTECTING ANY EXISTING UTILITIES, AS REQUIRED, IN ACCORDANCE WITH THE UTILITY OWNERS REQUIREMENTS. CONTRACTOR IS REQUIRED TO OBTAIN LOCATES, IN ADVANCE OF EXCAVATION WORK, AND FORWARD COPIES OF THE LOCATES TO THE CONSULTANT AND THE OWNER PRIOR TO EXCAVATION. HAND EXCAVATION IS REQUIRED PER UTILITY OWNERS REQUIREMENTS.
- ALL CROSSING OF EX. UTILITIES TO BE IN ACCORDANCE WITH CITY STD. DET. S10

LEGEND

	NEW SANITARY SEWER		EXISTING SANITARY SEWER
	NEW STORM SEWER		EXISTING STORM SEWER
	NEW WATERMAIN		EXISTING WATERMAIN
	NEW STORM LEAD		EXISTING WATERMAIN HOLE
	NEW STORM MAINTENANCE HOLE		EXISTING CATCH BASIN
	NEW STORM HANDHOLE		EXISTING HYDRO
	NEW CATCH BASIN		EXISTING BELL
	NEW CHANNEL DRAIN		EXISTING TRAFFIC
	NEW OGS		EXISTING GAS
	NEW CAP		
	NEW AREA DRAIN		

SCALE 1:200
 HORIZONTAL
 0m 4 8

Canada
 Public Works and Government Services Canada
 Travaux Publics et Services gouvernementaux Canada
 Real Property Direction générale des biens immobiliers
 Branch biens immobiliers
 architecte architecte

REGENERATE 344
 Morguard & Tristram Architects + Urban Architects in Joint Venture

MORRISON HERSHFELD

E. A. EMERY
 PROFESSIONAL ENGINEER
 CIVIL
 PROVINCE OF ONTARIO

B. J. F. KIPP
 PROFESSIONAL ENGINEER
 CIVIL
 PROVINCE OF ONTARIO

NOT FOR CONSTRUCTION

Contractor to verify all dimensions & conditions on site and immediately notify the departmental representative of all discrepancies.

ISSUED FOR CITY OF OTTAWA SITE COORDINATION 2018/09/05

revisions	description	date
A	A detail no. du détail	
B	B location drawing no. sur dessin no.	
C	C drawing no. dessin no.	

project
WEST MEMORIAL BUILDING REHABILITATION PROJECT

344 WELLINGTON, OTTAWA, ON

drawing no. dessin

SITE SERVICING PLAN

Designed By	DK	Conçu par	Conçu par
Date	2018/12/14		(yyyy/mm/dd)
Drawn By	NI	Dessiné par	Dessiné par
Date	2018/12/14		(yyyy/mm/dd)
Reviewed By	EE	Examiné par	Examiné par
Date	2018/12/14		(yyyy/mm/dd)
Approved By	Approver	Approuvé par	Approuvé par
Date	2018/12/14		(yyyy/mm/dd)
Tender	Tender	Submission	Submission
Project Manager	Project Manager	Administrateur de projets	Administrateur de projets
Project no.	No. du projet		
	R.086471.105		
Drawing no.	No. du dessin		
	C-001		

