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Legend

- EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- EXISTING WATERMAIN
- EXISTING CATCHBASIN
- EXISTING GAS MAIN
- EXISTING OVERHEAD HYDRO
- EXISTING UTILITY POLE
- EXISTING DEPRESSED CURB
- EXISTING TREE DRIP LINE
- EXISTING FIRE HYDRANT
- ORIGINAL GROUND
- PROPOSED ELEVATION
- DIRECTION & PERCENT FLOW
- PROPOSED LOT BOUNDARY ELEVATION
- EXISTING ELEVATION AT LOT BOUNDARY
- UNDER SIDE OF FOOTING
- NUMBER OF RISERS
- TERRACING 3:1 SLOPE MAXIMUM (UNLESS OTHERWISE SHOWN)
- PROPOSED TOP OF WALL
- PROPOSED BOTTOM OF WALL
- PROPOSED DITCH
- DIRECTION OF OVERLAND FLOW
- PROPOSED BARRIER CURB
- PROPOSED DOWNSPOUTS (REFER TO ARCHITECTURAL DWGS)
- PROPOSED SERVICES
- 100mm \varnothing STORM SERVICE PVC SDR 28 @ 1.0% MIN
- 135mm \varnothing SANITARY SERVICE PVC SDR 28 @ 1.0% MIN
- 19mm \varnothing TYPE 'K' COPPER WATER SERVICE

Notes

- SERVICE CONNECTION TO EXISTING WATERMAIN TO BE COMPLETE BY CITY FORCES. EXCAVATION, BACKFILL AND RE-INSTATEMENT BY CONTRACTOR.
- TOPOGRAPHIC SURVEY AND BENCHMARK COMPLETED BY ANNIS, O'SULLIVAN, VOLLEBECK LTD. DATED AUG 14, 2020
- SITE PLAN PREPARED BY BRENT KELLY DESIGN SERVICES, DATED SEPT 02, 2020
- GEOTECHNICAL REPORT TO BE CONFIRMED
- THE LOCATION OF UTILITIES IS APPROXIMATE ONLY AND THE EXACT LOCATION SHOULD BE DETERMINED BY CONSULTING THE MUNICIPAL AUTHORITIES AND UTILITY COMPANIES CONCERNED. THE CONTRACTOR SHALL PROVIDE THE LOCATION OF UTILITIES AND SHALL BE RESPONSIBLE FOR THEIR PROTECTION AND THE IMPLEMENTATION OF ANY NECESSARY PROCEDURES CALLED FOR IN THE APPROPRIATE STANDARD AND REGULATIONS

1	ISSUED FOR REVIEW	JP	KK	20.09.25
Revision		By	Appd.	YY.MM.DD
File Name:	160401588-D8	JP	KK	JP
		Dwn.	Chkd.	Dgn.
Permit-Seal				YY.MM.DD

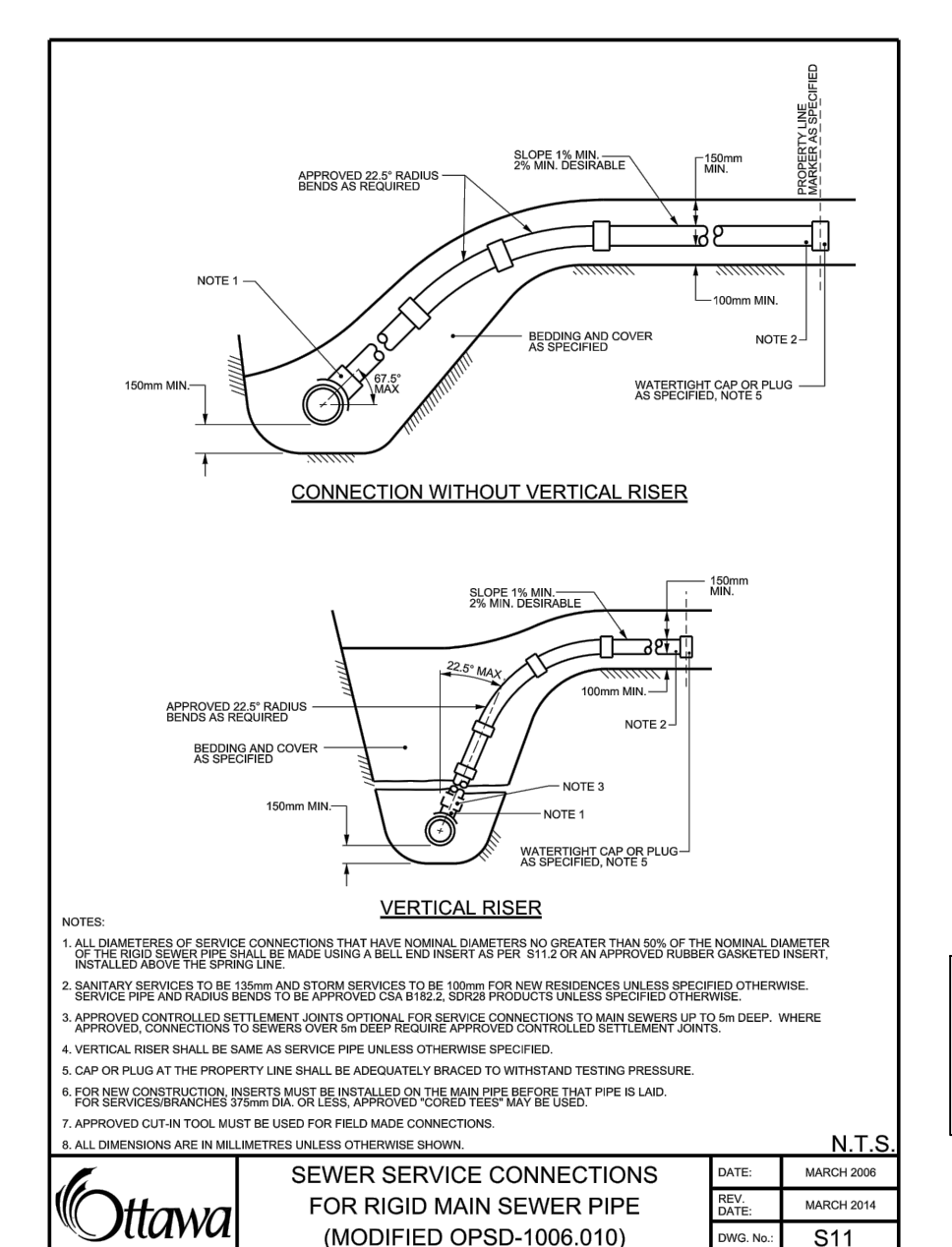
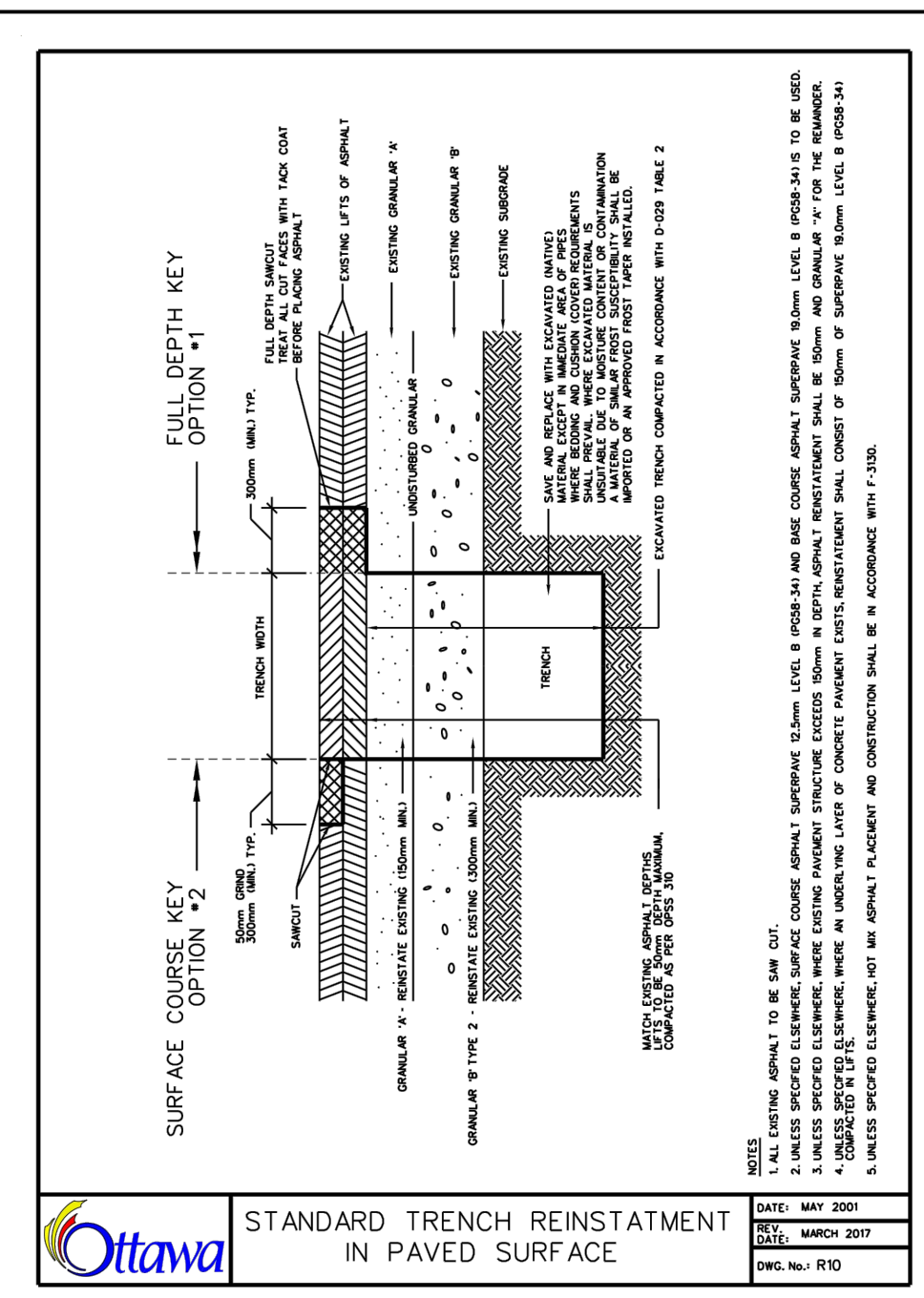
Client/Project
MR JOHN RUSSO

SEMI DETACHED DWELLING
1707 FISHER AVENUE
OTTAWA, ONTARIO

Title
SITE SERVICING AND GRADING PLAN

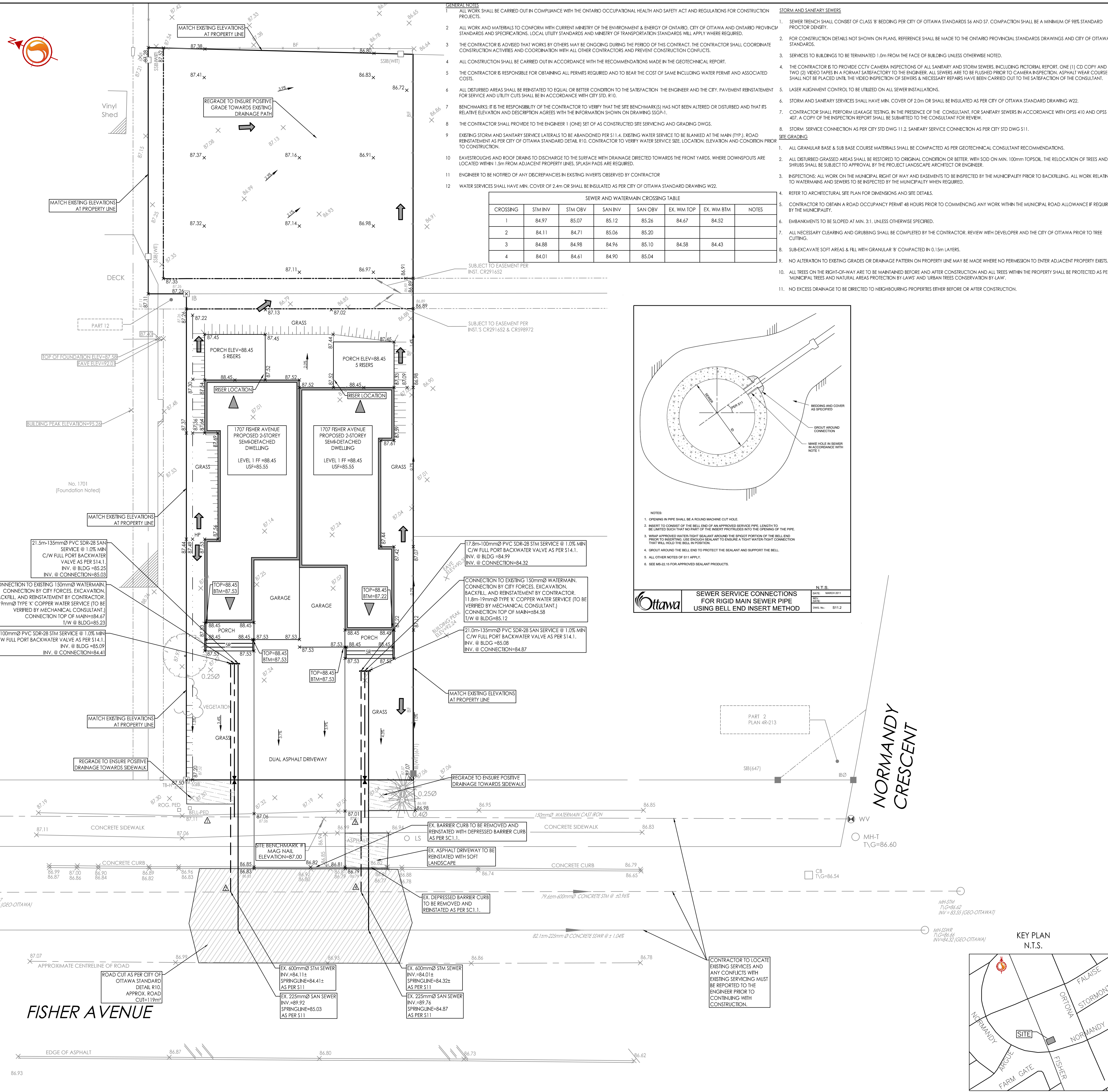
Project No.	Scale	0	1.5	4.5	7.5m
160401588	1:150				
Drawing No.	Sheet	Revision			

SSGP-1 1 of 1 1



SEWER SERVICE CONNECTIONS FOR RIGID MAIN SEWER PIPE (MODIFIED OPSD-1006.010)

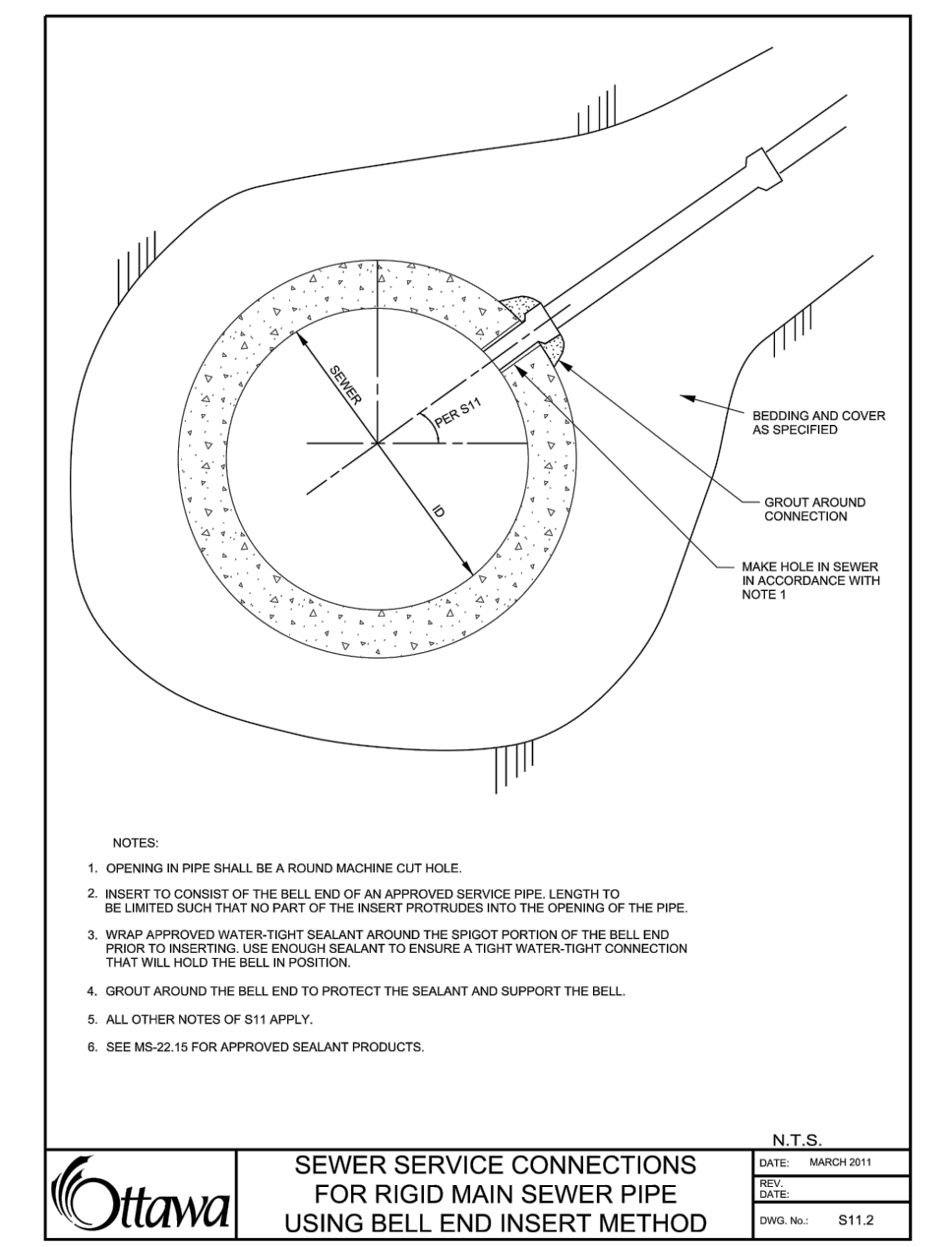
DATE: MAY 2021
DRAWN: J.P.
CHECKED: K.K.
DATE: MARCH 2022
DATE: J.P.
SCALE: N.T.S.
SHEET NO.: S11



- GENERAL NOTES
- ALL WORK SHALL BE CARRIED OUT IN COMPLIANCE WITH THE ONTARIO OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS.
 - ALL WORK AND MATERIALS TO CONFORM WITH CURRENT MINISTRY OF THE ENVIRONMENT & ENERGY OF ONTARIO, CITY OF OTTAWA AND ONTARIO PROVINCIAL STANDARDS AND SPECIFICATIONS. LOCAL UTILITY STANDARDS AND MINISTRY OF TRANSPORTATION STANDARDS WILL APPLY WHERE REQUIRED.
 - THE CONTRACTOR IS ADVISED THAT WORK IS BEING ONGOING DURING THE PERIOD OF THIS CONTRACT. THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES AND COORDINATION WITH ALL OTHER CONTRACTORS AND PREVENT CONSTRUCTION CONFLICTS.
 - ALL CONSTRUCTION SHALL BE CARRIED OUT IN ACCORDANCE WITH THE RECOMMENDATIONS MADE IN THE GEOTECHNICAL REPORT.
 - THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS REQUIRED AND TO BEAR THE COST OF SAME INCLUDING WATER PERMIT AND ASSOCIATED COSTS.
 - ALL DISTURBED AREAS SHALL BE REINSTATED TO EQUAL OR BETTER CONDITION TO THE SATISFACTION OF THE ENGINEER AND THE CITY. PAVEMENT REINSTATEMENT FOR SERVICE AND UTILITY CUTS SHALL BE IN ACCORDANCE WITH CITY STD. R10.
 - BENCHMARKS: IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THAT THE SITE BENCHMARK(S) HAS NOT BEEN ALTERED OR DISTURBED AND THAT ITS RELATIVE ELEVATION AND LOCATION AGREES WITH THE INFORMATION SHOWN ON DRAWING SSGP-1.
 - THE CONTRACTOR SHALL PROVIDE TO THE ENGINEER 1 (ONE) SET OF AS CONSTRUCTED SITE SERVICING AND GRADING DWGS.
 - EXISTING STORM AND SANITARY SERVICE LATERALS TO BE ABANDONED PER S11.4. EXISTING WATER SERVICE TO BE BLANKED AT THE MAIN (TYP.) ROAD REINSTATEMENT AS PER CITY OF OTTAWA STANDARD DETAIL R10. CONTRACTOR TO VERIFY WATER SERVICE SIZE, LOCATION, ELEVATION AND CONDITION PRIOR TO CONSTRUCTION.
 - EAVESGUTTERS AND ROOF DRAINS TO DISCHARGE TO THE SURFACE WITH DRAINAGE DIRECTED TOWARDS THE FRONT YARDS. WHERE DOWNSPOUTS ARE LOCATED WITHIN 1.5M FROM ADJACENT PROPERTY LINES, SPLASH PADS ARE REQUIRED.
 - ENGINEER TO BE NOTIFIED OF ANY DISCREPANCIES IN EXISTING INVERTS OBSERVED BY CONTRACTOR
 - WATER SERVICES SHALL HAVE MIN. COVER OF 2.4m OR SHALL BE INSULATED AS PER CITY OF OTTAWA STANDARD DRAWING W22.

SEWER AND WATERMAIN CROSSING TABLE

CROSSING	STM INV	STM OBV	SAN INV	SAN OBV	EX. WM TOP	EX. WM BTM	NOTES
1	84.97	85.07	85.12	85.26	84.67	84.52	
2	84.11	84.71	85.06	85.20			
3	84.88	84.98	84.96	85.10	84.50	84.43	
4	84.01	84.61	84.90	85.04			



SEWER SERVICE CONNECTIONS FOR RIGID MAIN SEWER PIPE USING BELL END INSERT METHOD

DATE: MARCH 2021
DRAWN: J.P.
CHECKED: K.K.
DATE: J.P.
SCALE: N.T.S.
SHEET NO.: S11.2

NORMANDY CRESCENT

