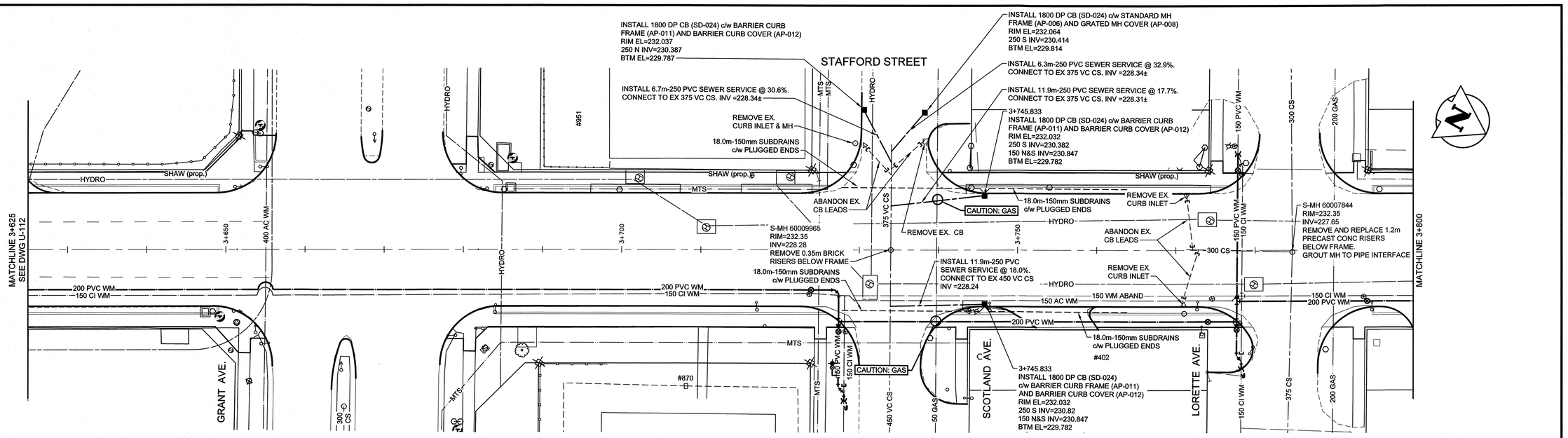

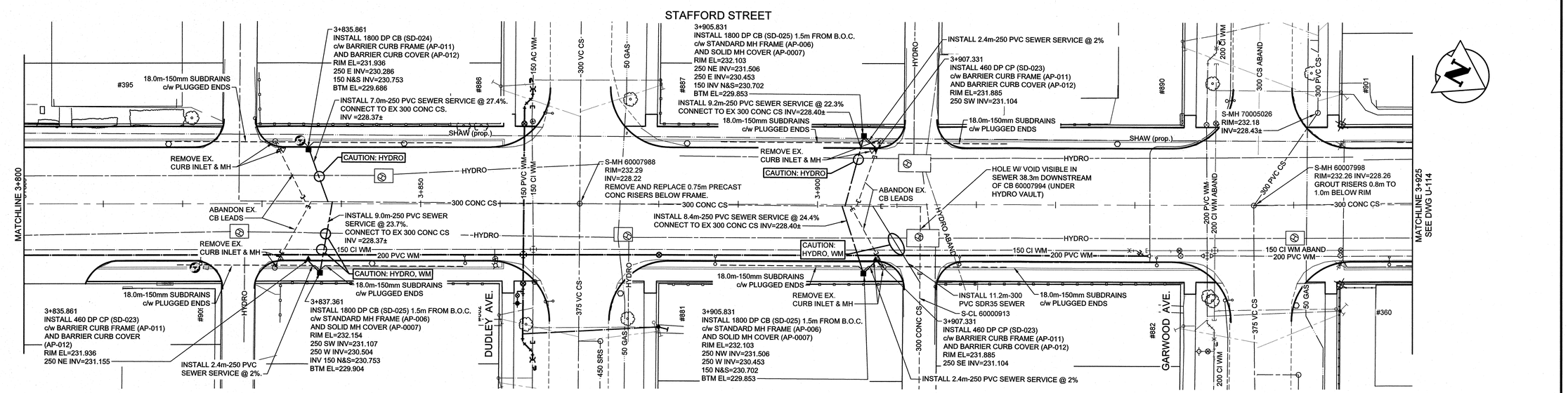

NOTES:
1. ADJUST MANHOLE RIMS, VALVES AND HYDRANTS TO NEW GRADES WHERE REQUIRED.
2. EXISTING MANHOLE FRAMES AND COVERS TO BE REPLACED w/ NEW FRAMES AND COVERS WITHIN THE CONSTRUCTION LIMITS, EXCEPT WHERE DIRECTED OTHERWISE BY THE CONTRACT ADMINISTRATOR.
3. CONTRACTOR TO CONFIRM THE LOCATIONS OF ALL UTILITIES/SERVICES IN THE FIELD PRIOR TO CONSTRUCTION.
4. ALL NEW SERVICE PIPE TO BE TRENCHLESS INSTALLATION UNLESS OTHERWISE DIRECTED BY THE CONTRACT ADMINISTRATOR.
5. PROTECT INSULATION DURING INSTALLATION, TAKING CARE NOT TO DAMAGE DURING BACKFILL OPERATIONS.
6. REFER TO DRAWINGS U-203 TO U-205 FOR WATERMAIN RENEWAL DETAILS.

WARNING

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:
1) NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
2) TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS.
SEE PROVINCIAL REGULATION 140/92 FOR DETAILS

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES

ALL LONG SIDE WATER SERVICES WITHIN THE LIMITS OF THE RECONSTRUCTION SHALL BE INSULATED AS PER SPEC E-XX

PLAN:

EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED
150 WM	WATERMAIN	150 WM		HYDRO				
	HYDRANT			M.T.S.				
	VALVE			CONCRETE				
300 LDS	LAND DRAINAGE SEWER	300 LDS		ASPHALT				
250 WWS	WASTE WATER SEWER	250 WWS		SIDEWALK				
	MANHOLE			MILL JOINT				
	CATCH BASIN			PROPERTY LINE				
	CURB INLET/CATCH PIT			SURVEY BAR				
	TRANSIT STOP			DITCH				
	CULVERT		(31.334)	ELEVATION	32.231			
	GAS			SIDEWALK RAMP				

LOCATION APPROVED
UNDERGROUND STRUCTURES

SUPV. U/G STRUCTURES COMMITTEE — DATE

NOTE:
LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT. CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.

B.M.
ELEV.

NO.	REVISIONS	DATE	BY
0	ISSUED FOR TENDER	22.01.06	K.W.R.

Stantec
500 - 311 Portage Avenue, Winnipeg MB Canada
www.stantec.com

DESIGNED BY	R.S.	CHECKED BY	R.S.
DRAWN BY	W.A./O.S.	APPROVED BY	R.S.
HOR. SCALE:	1:250	RELEASED FOR CONSTRUCTION:	
VERTICAL:			
DATE	2019/06/12	DATE	

ENGINEER'S SEAL
PROVINCE OF MANITOBA
JOHN W. A. M. SHEDLOCK
Member
24045
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT DRAWING N0.
U-113

Winnipeg
THE CITY OF WINNIPEG
PUBLIC WORKS DEPARTMENT
ENGINEERING DIVISION

2019-2023 STAFFORD/TAYLOR/CORYDON
TENDER 2
STAFFORD STREET
STA 3+625 TO STA 3+925
UNDERGROUND INFRASTRUCTURE - SEWER

SHEET 31 OF 53
CAD FILE DRAWING NUMBER 08020u-111-932.dwg
CITY DRAWING NUMBER P-3526-21

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