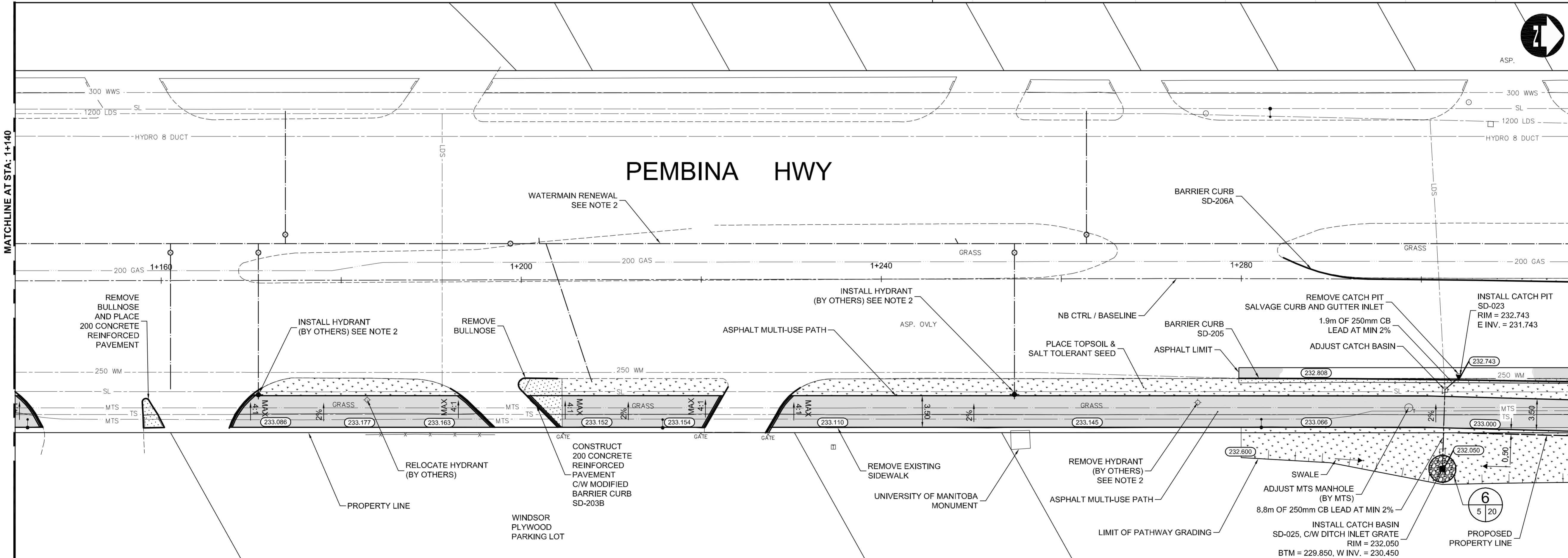
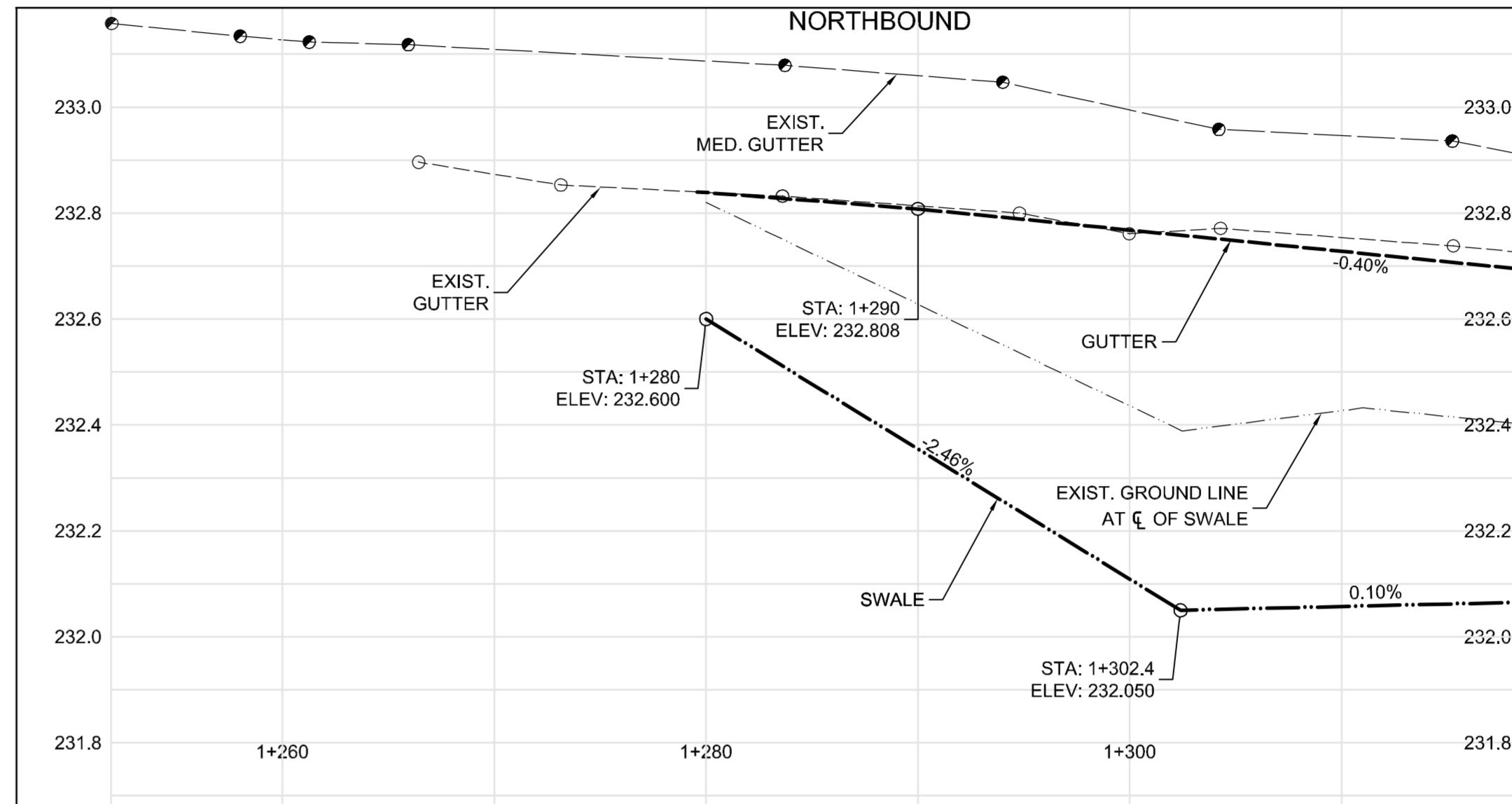


**CONSTRUCTION NOTES:**

1. THE CONTRACTOR MUST COMPLY WITH ALL SPECIFICATIONS OUTLINED IN E23 - OPERATING CONSTRAINTS FOR WORK IN CLOSE PROXIMITY TO FEEDERMAINS.
2. PROPOSED WATERMAIN RENEWAL TO BE COMPLETED BY OTHERS IN JUNE / JULY 2011.
3. EXIST. ALUMINUM GUARDRAIL TO BE SALVAGED AND DELIVERED TO CITY YARD. IN ACCORDANCE WITH E21



**METRIC**  
WHOLE NUMBERS INDICATE MILLIMETRES  
DECIMALIZED NUMBERS INDICATE METRES

**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 210/72 FOR DETAILS.  
3. OBTAIN EXCAVATION PERMITS PRIOR TO CONSTRUCTION.

150 WM	WATERMAIN	150 WM	HYDRO	HYDRO	HYDRO	150 mm W.M.	WATERMAIN	150 mm W.M.
300 LDS	LAND DRAINAGE SEWER	300 LDS	MTS	MTS	300 mm L.D.S.	LAND DRAINAGE SEWER	300 mm L.D.S.	300 mm L.D.S.
250 WWS	WASTE WATER SEWER	250 WWS			250 mm W.W.S.	WASTE WATER SEWER	250 mm W.W.S.	250 mm W.W.S.
○	MANHOLE	●				○	MANHOLE	○
□	CATCH BASIN	■				□	CATCH BASIN	□
▽	CURB INLET	▼				▽	CURB INLET	▽
+	JUNCTIONS	+				+	JUNCTIONS	+
—	CULVERT	—				—	CULVERT	—
100 GAS	GAS	100 GAS				100 GAS	GAS	100 GAS
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED

**UNDERGROUND STRUCTURES**  
SUPPLY 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.	654271 N 5517192.470 E 632610.651	DESIGNED BY	RTP
ELEV.	233.084	DRAWN BY	PMW
		CHECKED BY	JNC
		APPROVED BY	DPK
		HOR. SCALE	1:250
		VERTICAL	1:10
1	ISSUED FOR TENDER	DATE	11/06/23
NO.	REVISIONS	DATE	BY
			2011/06/23

**DILLON CONSULTING**

RELEASED FOR CONSTRUCTION  
ORIGINAL SIGNED BY B. KIBBINS  
DATE 11/06/23

ENGINEER'S SEAL  
PROVINCE OF MANITOBA  
ORIGINAL STAMPED BY  
**J.N. CRANG**  
2011/06/23  
REGISTERED PROFESSIONAL ENGINEER

CONSULTANT PROJECT NUMBER  
**11-4587**

**THE CITY OF WINNIPEG**  
PUBLIC WORKS DEPARTMENT

**BISON DRIVE & PEMBINA HIGHWAY**  
INTERSECTION IMPROVEMENTS

PAVING AND GRADING  
STA: 1+150 TO 1+320

CITY DRAWING NUMBER  
**P-3327- 5**

SHEET **5** OF **24**

CONSULTANT DRAWING NUMBER

G:\CAD\114587\Contract\Current\PAVING\_AND\_GRADING.dwg