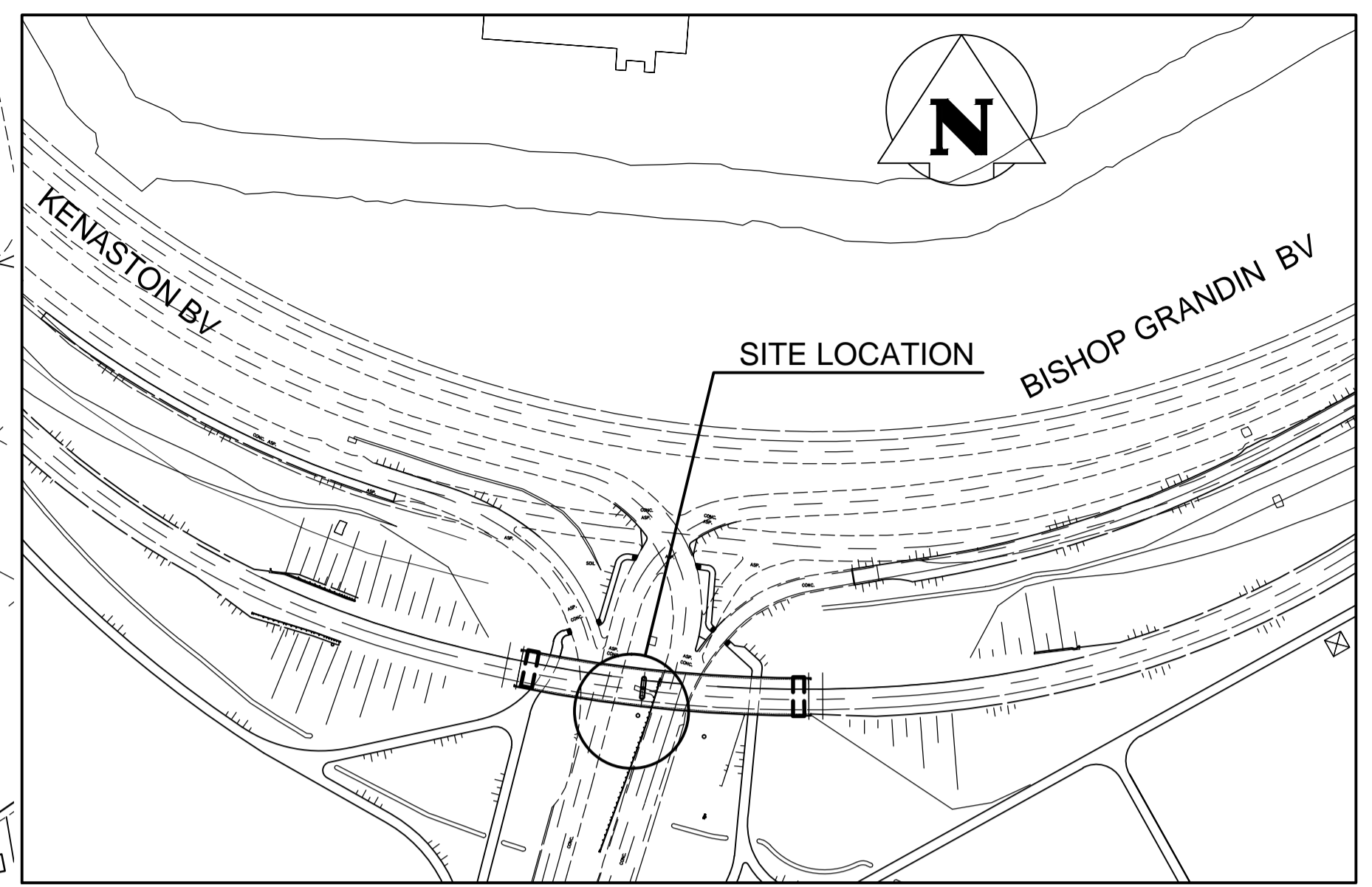


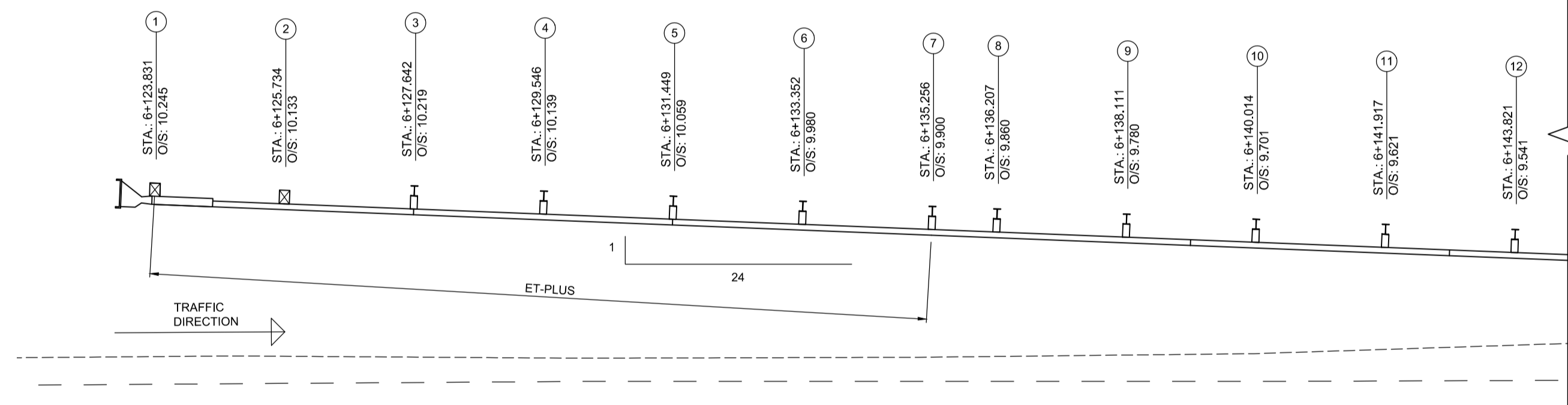
**SITE PLAN**  
1:200



**KEY PLAN**

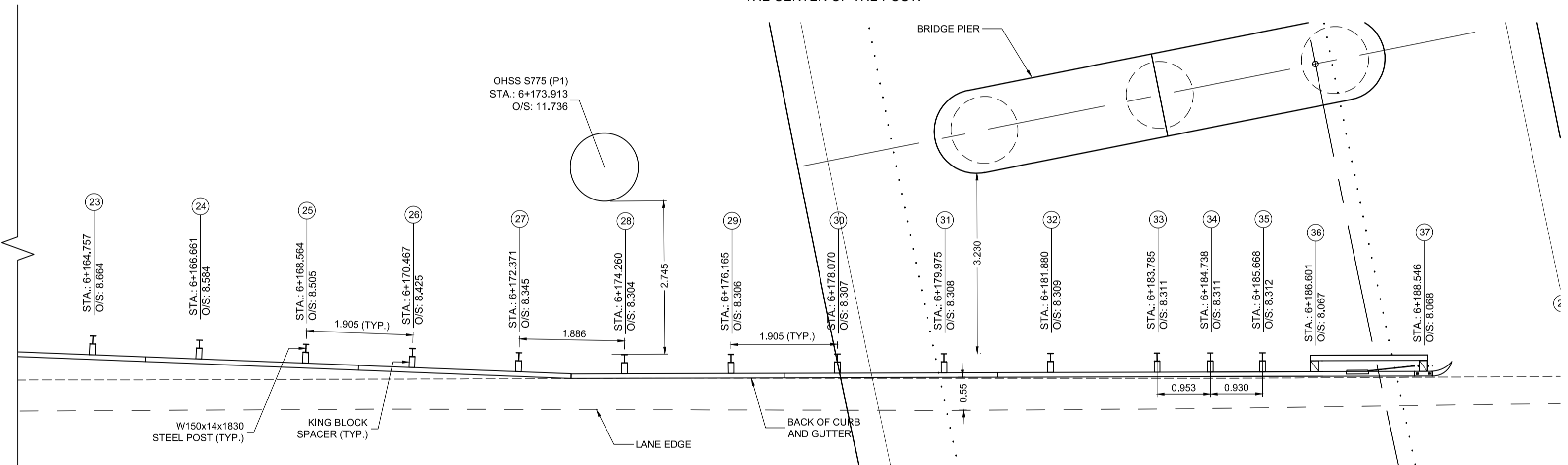
POST NO.	STATION	O/S
13	6+145.724	9.461
14	6+147.627	9.382
15	6+149.531	9.302
16	6+151.434	9.222
17	6+153.337	9.142
18	6+155.241	9.063
19	6+157.144	8.983
20	6+159.047	8.903
21	6+160.951	8.824
22	6+162.854	8.744

**NOTE:**  
STATION AND OFFSET (O/S) IDENTIFY THE CENTER OF THE POST.



**PLAN - MIDWEST GUARD RAIL SYSTEM**

1:50



**ELEVATION LOOKING WEST - MIDWEST GUARD RAIL SYSTEM**

1:50

**WARNING**

IF POWER EQUIPMENT OR EXPLOSIVES ARE TO BE USED FOR EXCAVATION ON THIS PROJECT THE CONTRACTOR MUST:

- NOTIFY THE GAS COMPANY OF THE PROPOSED LOCATION OF EXCAVATION.
- TAKE PRECAUTION TO AVOID DAMAGE TO GAS COMPANY INSTALLATIONS SEE PROVINCIAL REGULATION 210/72 FOR DETAILS.
- OBTAIN EXCAVATION PERMITS PRIOR TO CONSTRUCTION.
- A MINIMUM VERTICAL SEPARATION OF 300 mm FROM GAS MAINS AND 100 mm FROM GAS SERVICE MUST BE MAINTAINED BETWEEN ANY MANITOBA HYDRO FACILITY AND ANY NEW INSTALLATIONS.
- A MINIMUM 900 mm OF COVER SHALL BE MAINTAINED IN ALL AREAS WHERE EQUIPMENT WILL BE CROSSING, TRAVELING OR COMPACTING OVER THE HIGH PRESSURE GAS MAINS.
- IF EQUIPMENT MUST CROSS, TRAVEL, OR COMPACT OVER THE GAS MAIN WITH LESS THAN THE MINIMUM DEPTH COVER, EARTH BRIDGING OR STEEL PLATES SHALL BE PLACED OVER THE MAIN AND EXTEND A MINIMUM OF 1.0 METRE ON EITHER SIDE AT EACH CROSSING LOCATION.

G:\CAD\126606\Contract\2\Civil\Guardrails for OHSS.dwg

150 WM	WATERMAIN	150 WM	M.T.S.	M.T.S.	150 mm W.M.	WATERMAIN	150 mm W.M.
	HYDRANT VALVE				CONCRETE		
	LAND DRAINAGE SEWER				ASPHALT		
	WASTE WATER SEWER				PLANNING		
	MANHOLE				SIDEWALK		
	CATCH BASIN				PAVING STONES		
	TEST HOLES				PROPERTY LINE		
	JUNCTIONS				SURVEY BAR		
	CULVERT				CURB RAMP		
	GAS				DITCH		
	EXISTING		PROPOSED		EXISTING		EXISTING
	LEGEND-PLAN				LEGEND-PLAN		PROPOSED

**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.	654008 N: 5515764.610 E: 633359.697 ELEV. 232.463 m	654210 N: 5514436.957 E: 630550.534 ELEV. 232.463 m
DESIGNED BY	MRD	
DRAWN BY	MRD	
CHECKED BY	DBW	
APPROVED BY	DPK	
HOR. SCALE	AS SHOWN	
VERTICAL	AS SHOWN	
ISSUED FOR TENDER	13/08/08	MRD
NO. REVISIONS	DATE	BY

DESIGNED BY	MRD
DRAWN BY	MRD
CHECKED BY	DBW
APPROVED BY	DPK
HOR. SCALE	AS SHOWN
VERTICAL	AS SHOWN

**DILLON CONSULTING**

**PROVINCE OF MANITOBA M.R. DOUCET**  
REGISTERED PROFESSIONAL ENGINEER  
Member 22306

**THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT**

WAVERLEY WEST ARTERIAL ROADS PROJECT (WWARP) PART 3 - CONTRACT 2  
ROUTE 90 TO ROUTE 165 OVERPASS (KENASTON BLVD.) AND ASSOCIATED WORKS

CITY DRAWING NUMBER: B242-13-126  
SHEET OF: 126 OF 128  
CONSULTANT DRAWING NUMBER: S775-2013-03

CONSULTANT PROJECT NUMBER: 12-6606

S775 - GUARDRAIL LAYOUT AT BRIDGE PIER

**APEGM**  
Certificate of Authorization  
Dillon Consulting Limited (MB)  
No. 1789 Date: 2013/08/08

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