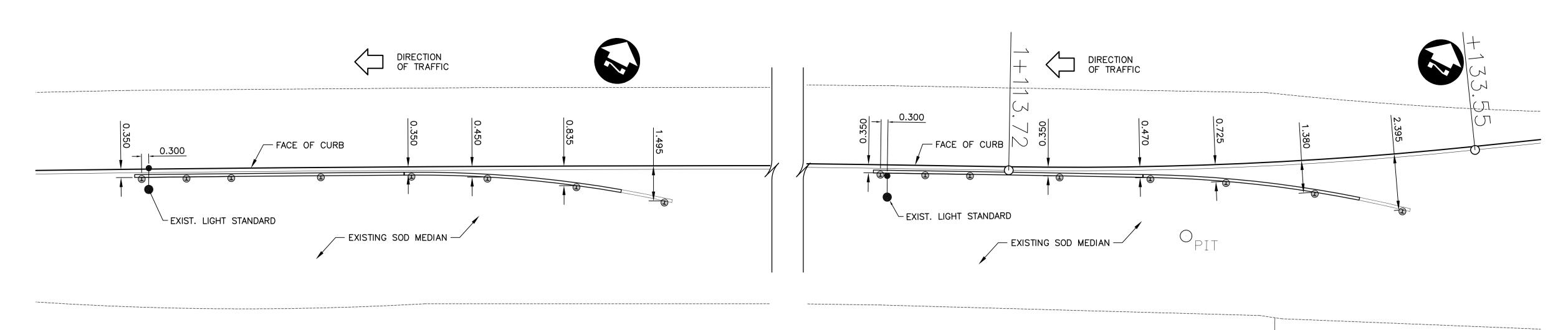
40DILLON ACAD FILE: G:\CAD\077840\Contract\Current\Roadway\13-Guard-Rail-Plan.dwg 1/11/2007

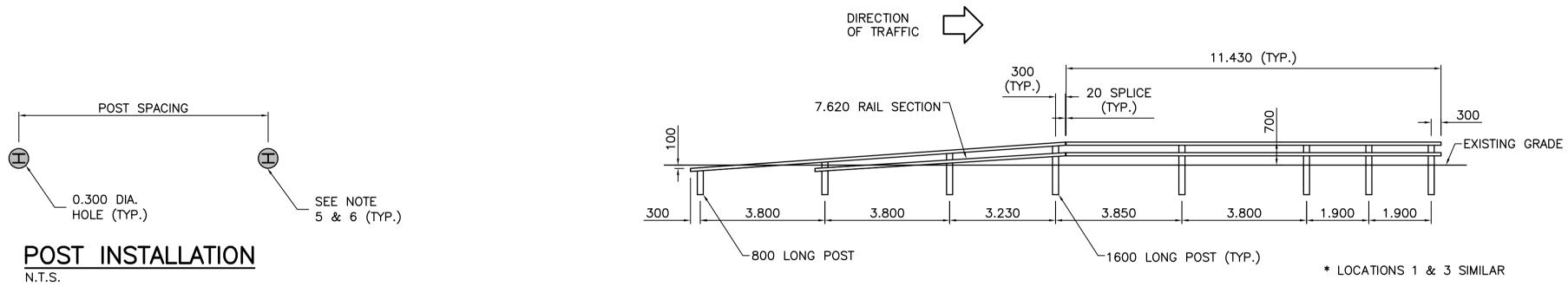


BISHOP GRANDIN BLVD. EAST OF ST. ANNE'S RD.

SCALE 1:100

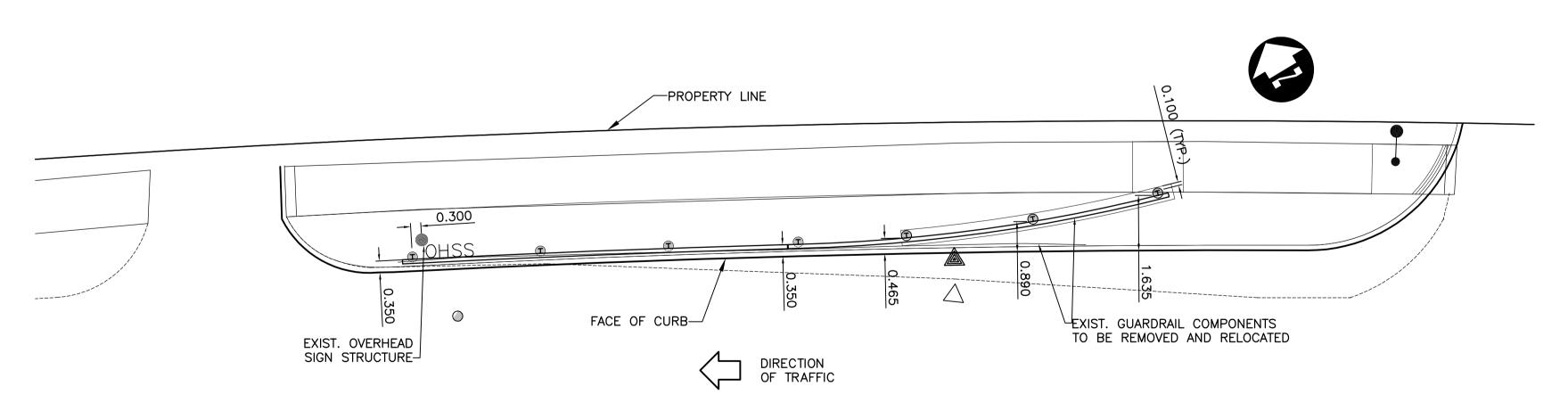
BISHOP GRANDIN BLVD. EAST OF ST. ANNE'S RD.

SCALE 1:100



BISHOP GRANDIN BLVD. EAST OF ST. ANNE'S RD.

SCALE 1:100



UNIVERSITY CRESC. AT WEDGEWOOD DR.

BI	LL OF	MA	TERIALS	
ITE	М	LOCATION 1	LOCATION	
BARRIER RAIL	11430		3	3
BARRIER RAIL	7620		1	1
BARRIER POST	1600		7	7
BARRIER POST	800		1	1
RAIL END CAP			2	2
SPLICE BAR			2	2

RAIL CLAMP BAR

13-13 x 25 STAINLESS STEEL HEX. HEAD CAP SCREW

27 O.D. x 114 I.D. x 2 THICK STAINLESS STEEL WASHER

ALL POSTS ARE 1.600 LONG EXCEPT AS OTHERWISE NOTED.

ALL RAIL SECTIONS ARE 11.430 LONG EXCEPT AS OTHERWISE NOTED.

HEIGHT OF TOP OF RAIL IS MEASURED FROM EXISTING GRADE AT FACE OF RAIL.

REFER TO DRAWING No. B112-84-11 FOR STANDARD DETAILS.

ALL POST HOLES TO BE DRILLED, BACKFILLED WITH 20mm LIMESTONE AND TAMPED.

LOCATION 3 POST AND RAIL BLOCKOUTS TO BE CAPPED WITH 50 mm ASPHALT.

30

150 mm W.M.	WATERMAIN HYDRANT	150 <u>mm</u> <u>W.M.</u>		HYDRO M.T.S.		<u>, , </u>	ERMAIN 150 mm W DRANT +	UNDERGROUND STRUCTURES	B.M. ELEV.	DESIGNED R.T.P.	''.	ENGINEER'S SEAL	THE CITY OF WINNIPEG
⊗ 300 mm L.D.S. L.	VALVE AND DRAINAGE SEWE	R 300 mm L.D.S.		CONCRETE ASPHALT	200000000000000000000000000000000000000		ALVE X INAGE SEWER 300 mm L.	<u></u>		DRAWN P.M.W./A.J.P.	"I'IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	ORIGINAL STAMPED BY	Winnipeg TRANSIT DEPARTMENT
250 mm W.W.S. V	WASTE WATER SEWEI MANHOLE	R 250 mm W.W.S.		PLANING SIDEWALK		250 mm W.W.S. WASTE WA	ATER SEWER <u>250 mm w.v</u>	SUPV. U/G STRUCTURES DATE COMMITTEE		CHECKED D.B.W.	DILLON	D.B. WIEBE 07/31/07	CITY DRAWING NUMBER
	CATCH BASIN CURB INLET	-		PAVING STONES PARTIAL DEPTH REPAIR	R 7////		EST GUTTER ———————————————————————————————————	NOTE:	4 ISSUED FOR TENDER 07-31-07 D.	APPROVED BY	CONSULTING	Member 22480	ON STREET TRANSIT PRIORITY IMPROVEMENTS — PHASE 1 SHEET 17 OF 14
<u>-</u>	JUNCTIONS CULVERT	<u> </u>		PROPERTY LINE SURVEY BAR				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.	3 ISSUED FOR REVIEW 07-20-07 D. 2 ISSUED FOR REVIEW 06-28-07 D.	—— HOR COME AC CHOWN	RELEASED FOR CONSTRUCTION	PROFESSIONA	BALANCED ALUMINUM SHOULDER BARRIER
EXISTING	GAS LEGEND-PLAN	PROPOSED	FYISTING	PARAPLEGIC RAMP LEGEND-PLAN	PROPOSED	EXISTING LEGEND	PROFILE PROPOS	CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING WITH CONSTRUCTION.	1 ISSUED FOR REVIEW 06-20-07 D. NO. REVISIONS DATE		DATE	CONSULTANT PROJECT NO. 07-7840	LAYOUT