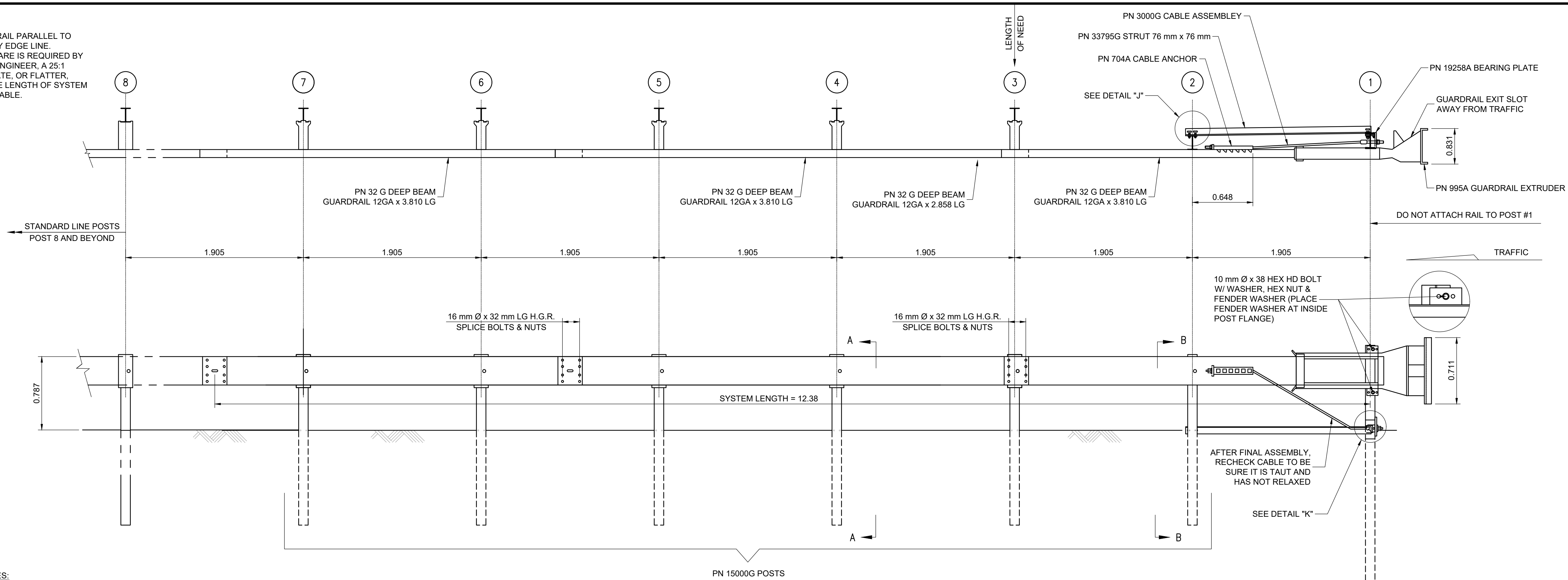


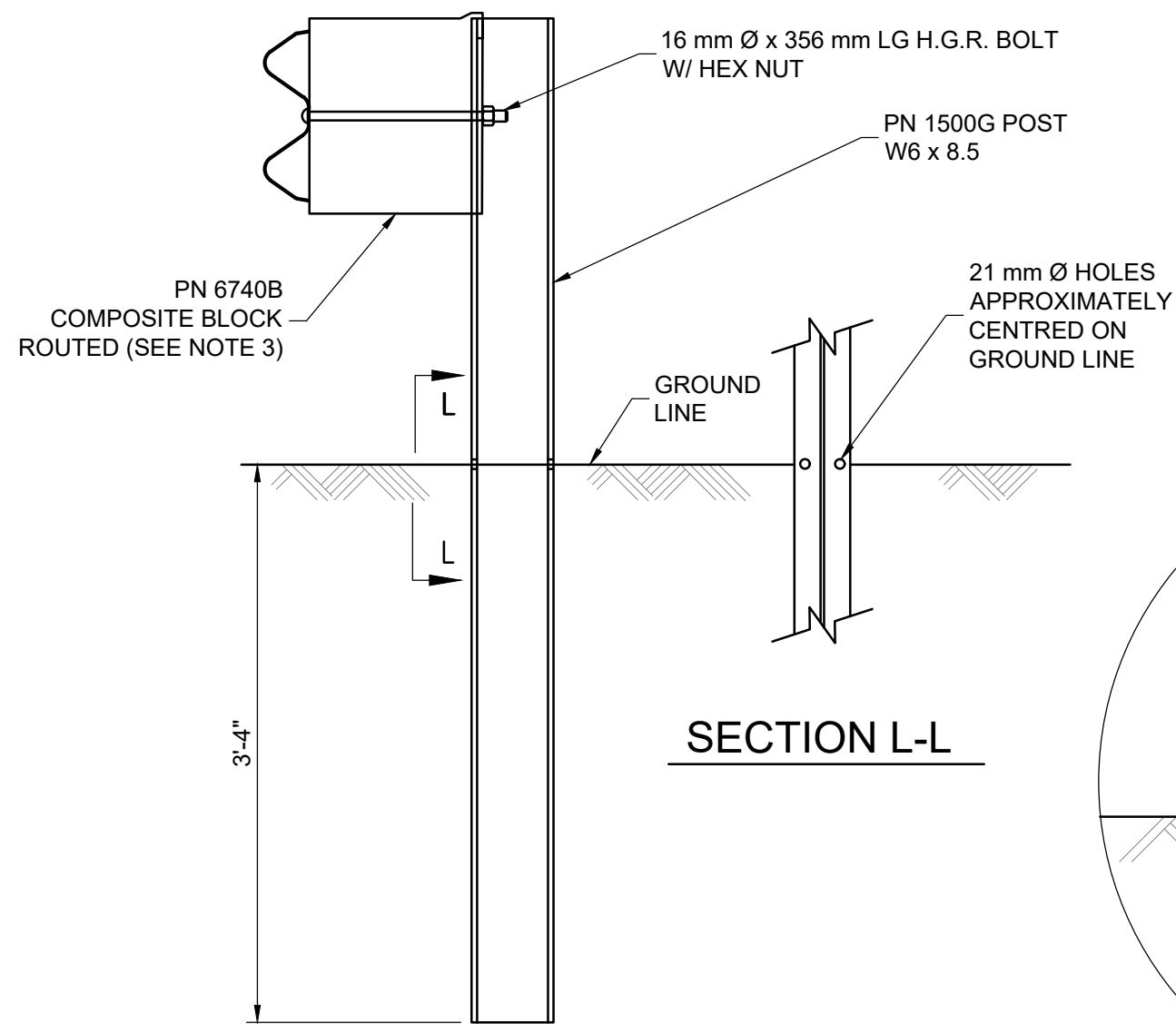
NOTE:
INSTALL RAIL PARALLEL TO
ROADWAY EDGE LINE.
WHEN FLARE IS REQUIRED BY
DESIGN ENGINEER, A 25:1
FLARE RATE, OR FLATTER,
OVER THE LENGTH OF SYSTEM
IS ALLOWABLE.



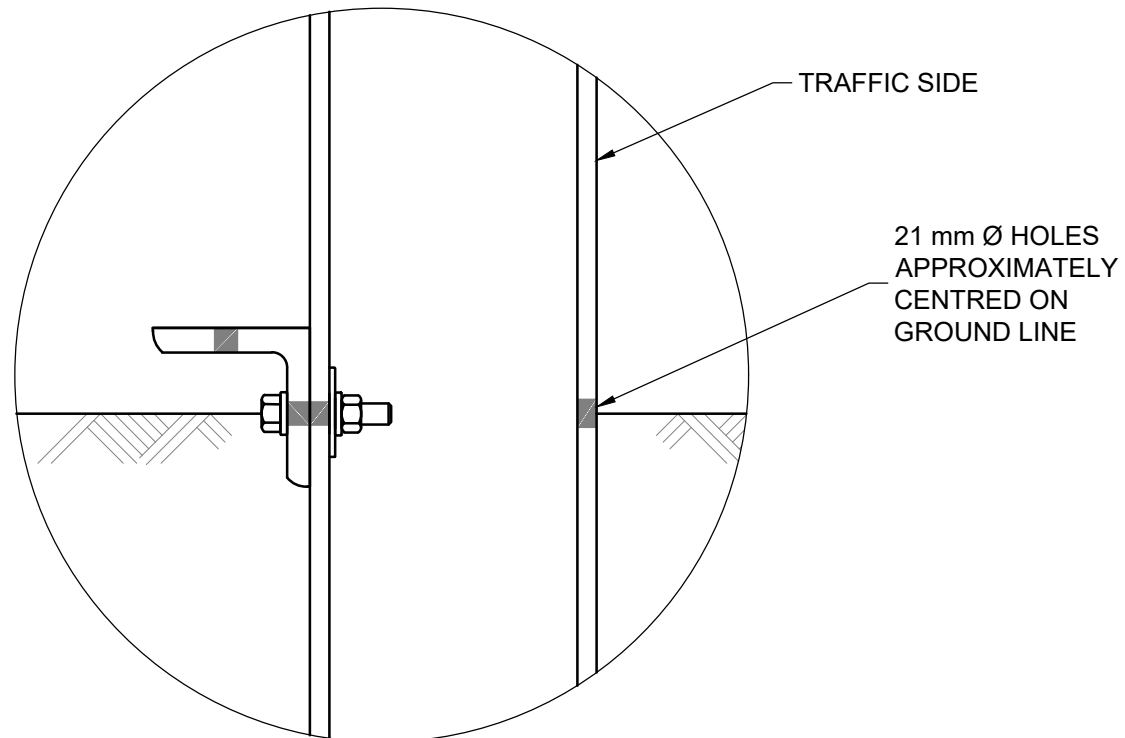
BILL OF MATERIAL		
PN	QTY	DESCRIPTION
11G	2	12/12'6/3'1.5/S (GUARDRAIL)
32G	1	12/12'-6/6'3/S ANC (GUARDRAIL)
704A	1	CABLE ANCHOR BRACKET
995A	1	ET-PLUS EXTRUDER
3000G	1	CABLE 3/4 x 6'6
3340G	39	5/8" HEX NUT
3360G	33	5/8" x 1 1/4" SPLICE BOLT
3540G	6	5/8" x 14" POST BOLT
3701G	2	3/4" FLAT WASHER
3704G	2	3/4" HEX NUT
3717G	2	3/4" x 2 1/2" HEX HD BOLT(A-325)
3900G	2	1" FLAT WASHER
3910G	2	1" HEX NUT
4254G	4	3/8" FLAT WASHER
4255G	2	3/8" FENDER WASHER (1 1/2 OD)
4258G	2	3/8" LOCKWASHER
4261G	2	3/8" x 1 1/2" HEX HD BOLT(GR-5)
4389G	2	7/16" FLAT WASHER
4390G	2	7/16" x 1 1/2" HEX HD BOLT
4393G	2	7/16" LOCK WASHER
4396G	2	7/16" HEX NUT
6740B	6	COMPOSITE BLOCK x 14 LG
4699G	2	3/4" LOCK WASHER
6321G	2	3/8" x 2" HEX HD BOLT(GR-5)
6405G	4	3/8" HEX NUT
10967G	1	12/9'4.5/3'1.5/S (GUARDRAIL)
15000G	7	POST SYT #2-#8
19258A	1	5/8" x 8" x 8" BEARING PLATE
19948G	2	PLATE WASHER
33795G	1	ANGLE STRUT (ET/SYTP/HBA)
33873A	1	POST ET PLUS HBA #1 BOTTOM
49398A	1	POST ET PLUS HBA #1 TOP

NOTES:

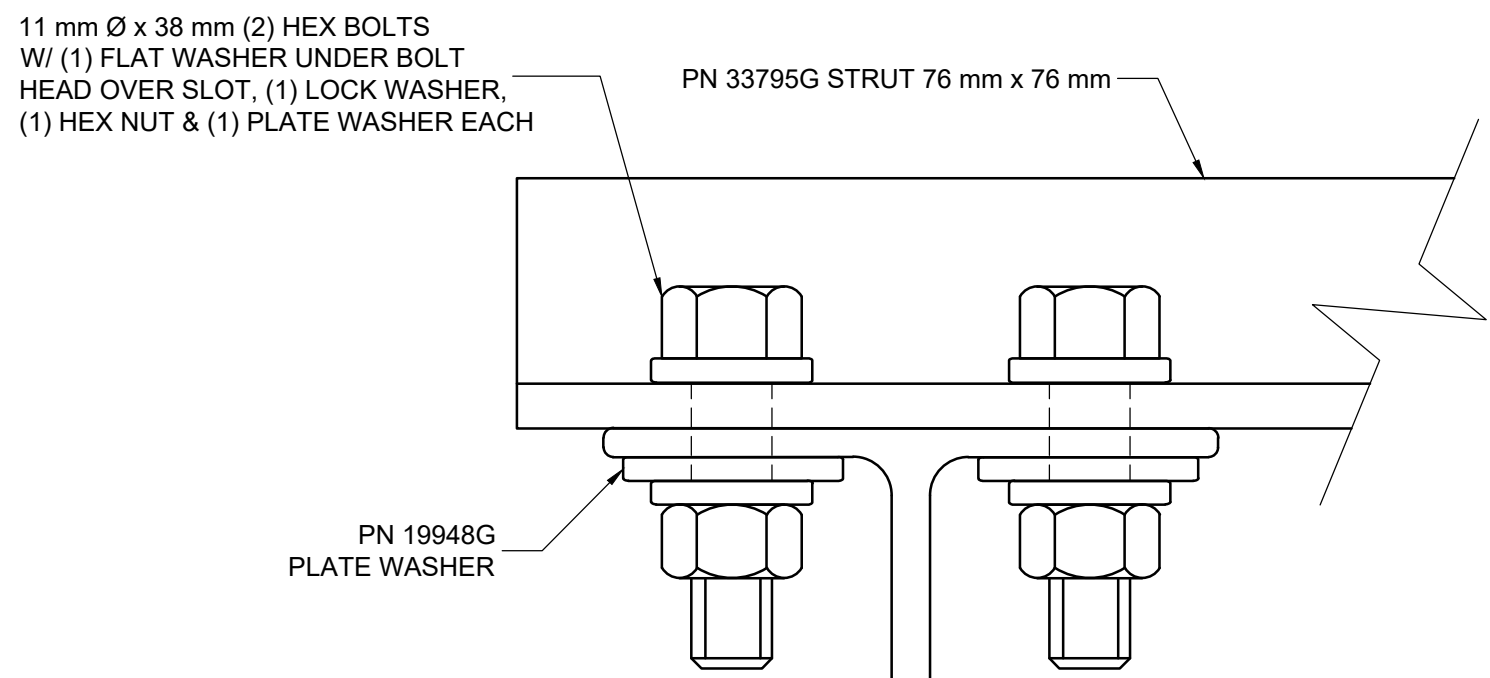
- DO NOT ATTACH GUARDRAIL TO POST #1.
- MANUFACTURE SUGGESTS CUSTOMER TO PROVIDE REFLECTORIZATION OF TERMINAL.
- 305 mm DEEP WOOD OFFSET BLOCKS (ROUTED) ARE ACCEPTABLE ALTERNATIVES.



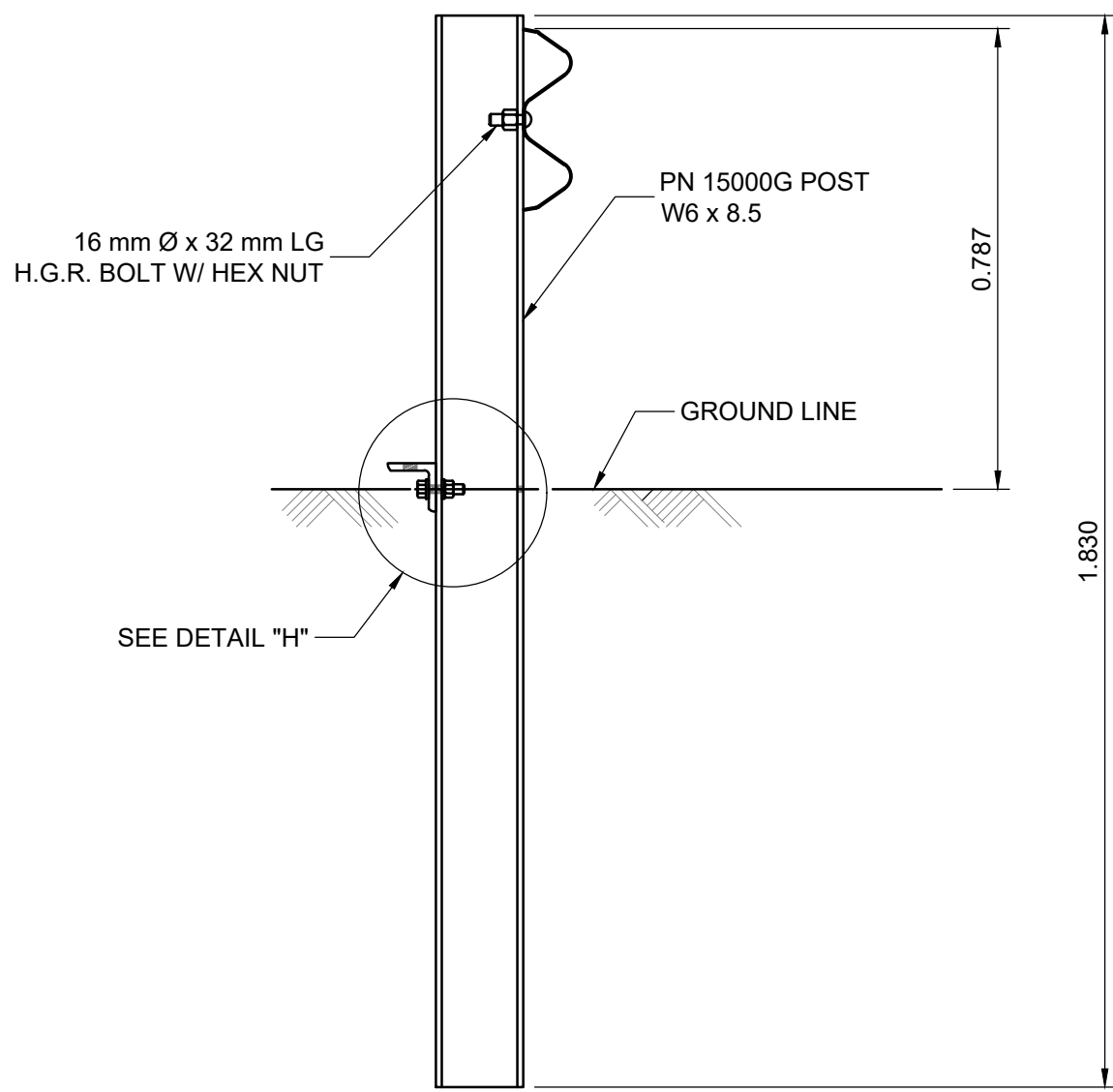
SECTION A-A
TYPICAL @ POSTS #3 TO #8



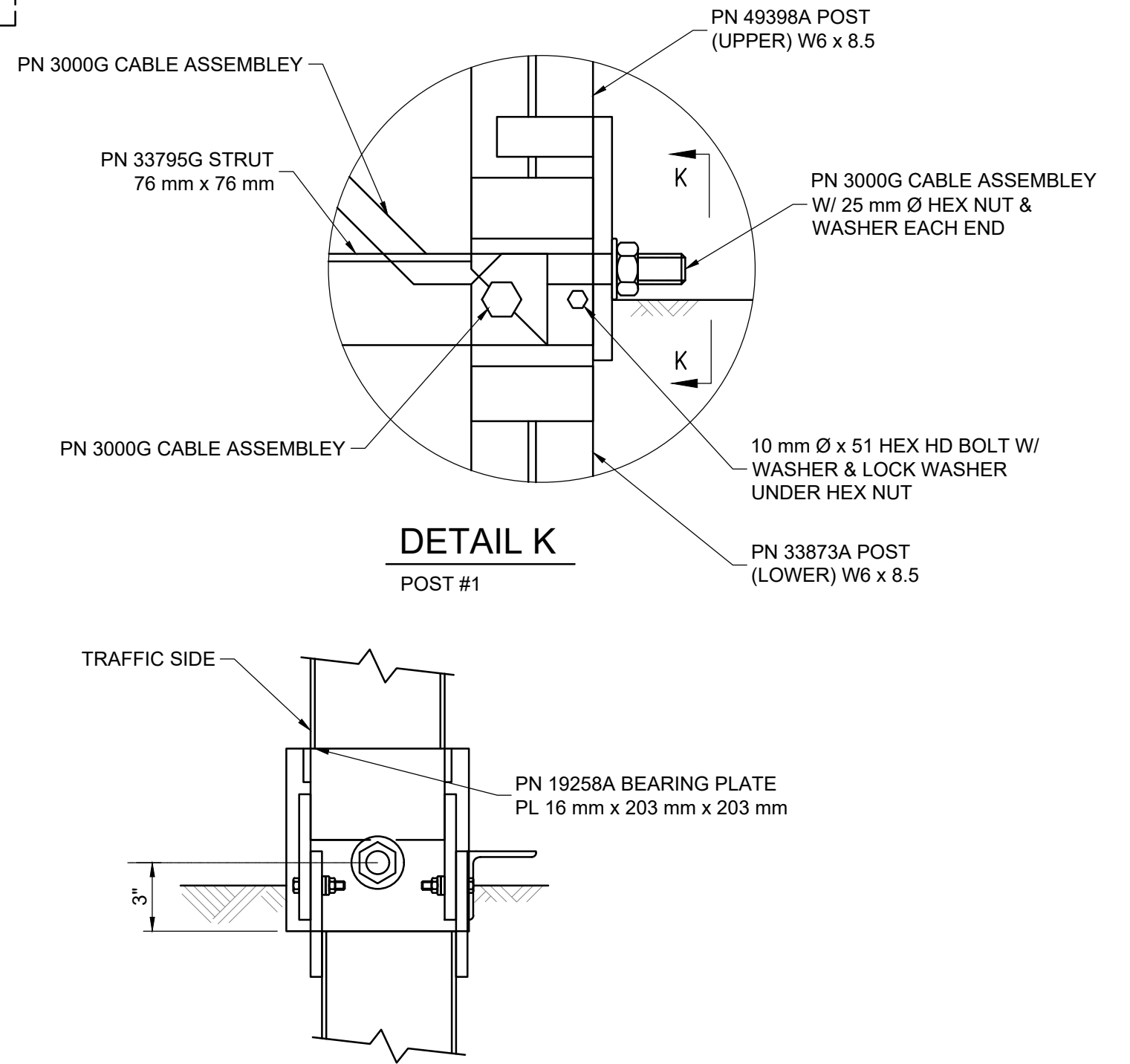
DETAIL H



DETAIL J



SECTION B-B
POST #2



SECTION K-K

METRIC

WHOLE NUMBERS INDICATE MILLIMETRES
DECIMALIZED NUMBERS INDICATE METRES



B.M. ELEV.				TETRA TECH			
				DESIGNED BY	JT	REVIEWED BY	JT
				DRAWN BY	BG	APPROVED BY	JNC
				SCALE:	1 : 50 OR AS NOTED	ACCEPTED BY	DATE
0	ISSUED FOR TENDER	25.08.07	JNC	DATE	2025.08.07	CAM WARD, P.ENG.	25.08.07
NO.	REVISIONS	DATE	BY	DATE	2025.08.07	CONSULTANT DRAWING NO. 734-INF-MB103007.01-DWG-C4318	

THE CITY OF WINNIPEG PUBLIC WORKS DEPARTMENT	
LAGIMODIERE TWIN OVERPASSES OVER CPKC KEEWATIN REHABILITATION AND RELATED WORKS	CITY DRAWING NUMBER P123-25-4318
GUARDRAIL DETAILS ET-31 - GUARDRAIL END TREATMENT	SHEET OF 18 20
	4318