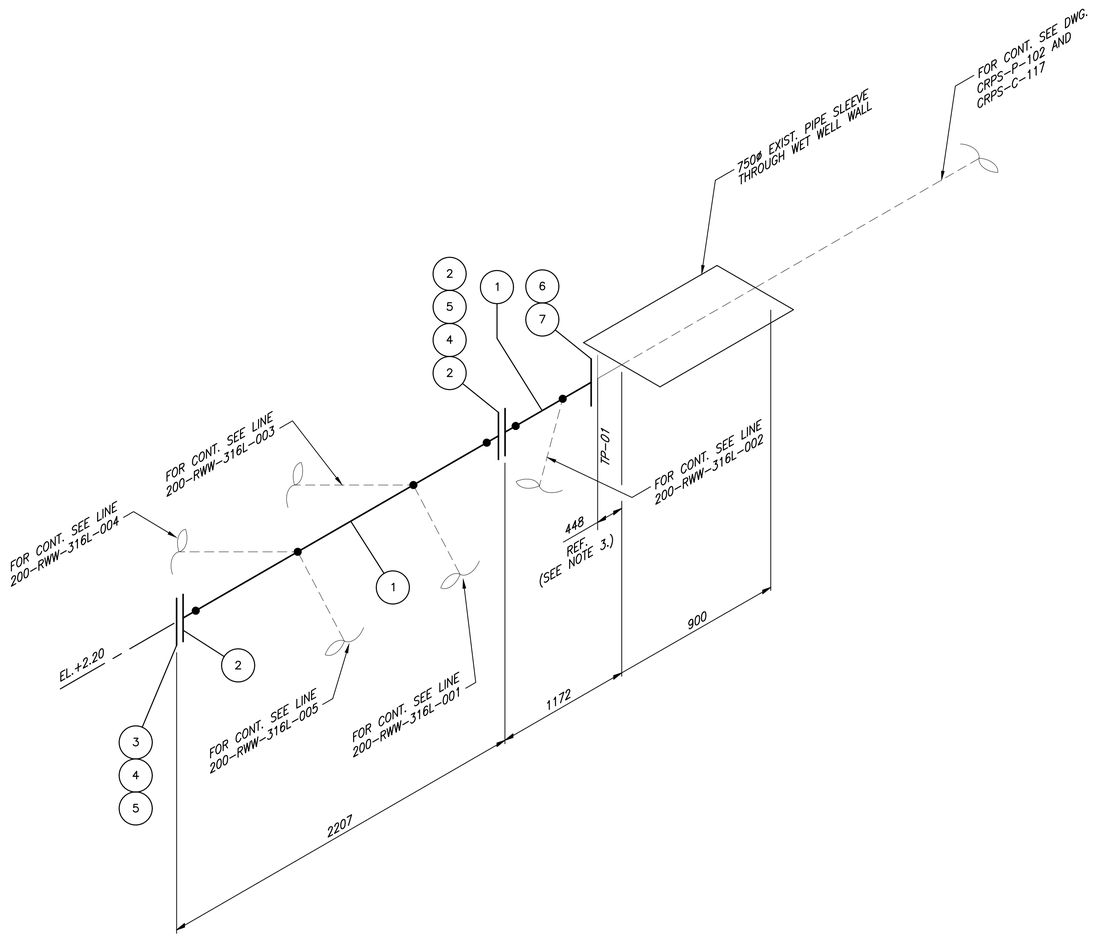
BILL OF MATERIAL			
ITEM NUMBER	SIZE (NPS)	QTY.	DESCRIPTION
1	450mm	2.81m	PIPE SCH STD, ASTM A774–TP316 L STAINLESS STEEL
2	450mm	3	FLANGE CLASS 150, WELD NECK, FLAT FACE, ASTM A182/182M – F316 L STAINLESS STEEL
3	450mm	1	BLIND FLANGE CLASS 150, FLAT FACE, ASTM A182/182M – F316 L STAINLESS STEEL WITH LIFTING EYE
4	450mm	2	GASKET, CLASS 150, FULL FACE, BLACK RUBBER (EPDM) ASME B16.47
5	31mm	2	STUD–NUTS SETS, STUDS ASTM A193 GRADE B8M, NUTS ASTM A194 GR.4
6	450mm	1	GASKET, CLASS 150, RAISED FACE FLANGE GASKET, BLACK RUBBER (EPDM) ASME B16.47. SEE NOTE 3.
7	450mm	1	FLANGE CLASS 150, WELD NECK, RAISED FACE, ASTM A182/182M – F316 L STAINLESS STEEL. SEE NOTE 3.



NOTES:

1. UNLESS NOTED OTHERWISE ALL DIMENSIONS ARE IN MILLIMETRES (mm) AND ALL ELEVATIONS ARE IN METRES (m).
2. FOR LINE CONDITIONS SEE THE LINE DESIGNATION TABLE, CRPS–LDT–001.
3. REFERENCE DIMENSION IS TO FACE OF FLANGE AND TO BE CONFIRMED ON SITE PRIOR TO PIPE FABRICATION. CONFIRM FLANGE TYPE AND GASKET TYPE BEFORE FABRICATION OF MATING FLANGE. RE–USE STUD–NUTS SET.

DRAWING NO.	TITLE	REV	DATE	DESCRIPTION	DRN	CHK	APP
		2	JAN 2022	ISSUED FOR CONSTRUCTION	JH	JG	JG
		1	AUG 2021	ISSUED FOR CONSTRUCTION	RY	JG	JG
		0	JUN 2021	ISSUED FOR CONSTRUCTION	JH	JG	JG
REFERENCE DRAWINGS		REVISIONS					

REGIONAL DISTRICT OF NANAIMO

PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA J. G. GERWIEN # 213214
2022-01-17

LINE 200–RWW–316L–007

PROJECT NAME: CHASE RIVER PUMP STATION UPGRADES

CHASE RIVER PUMP STATION
MECHANICAL
PUMP DISCHARGE HEADER ISOMETRIC

JACOBS

DRAWN	DESIGNED	CHECKED	APPROVED	DRAWING NUMBER	SHEET	PROJECT NO.	SCALE	DATE	REV
CT	CW	JG	JG	CRPS–M–227		707564	NTS	APR 2021	2