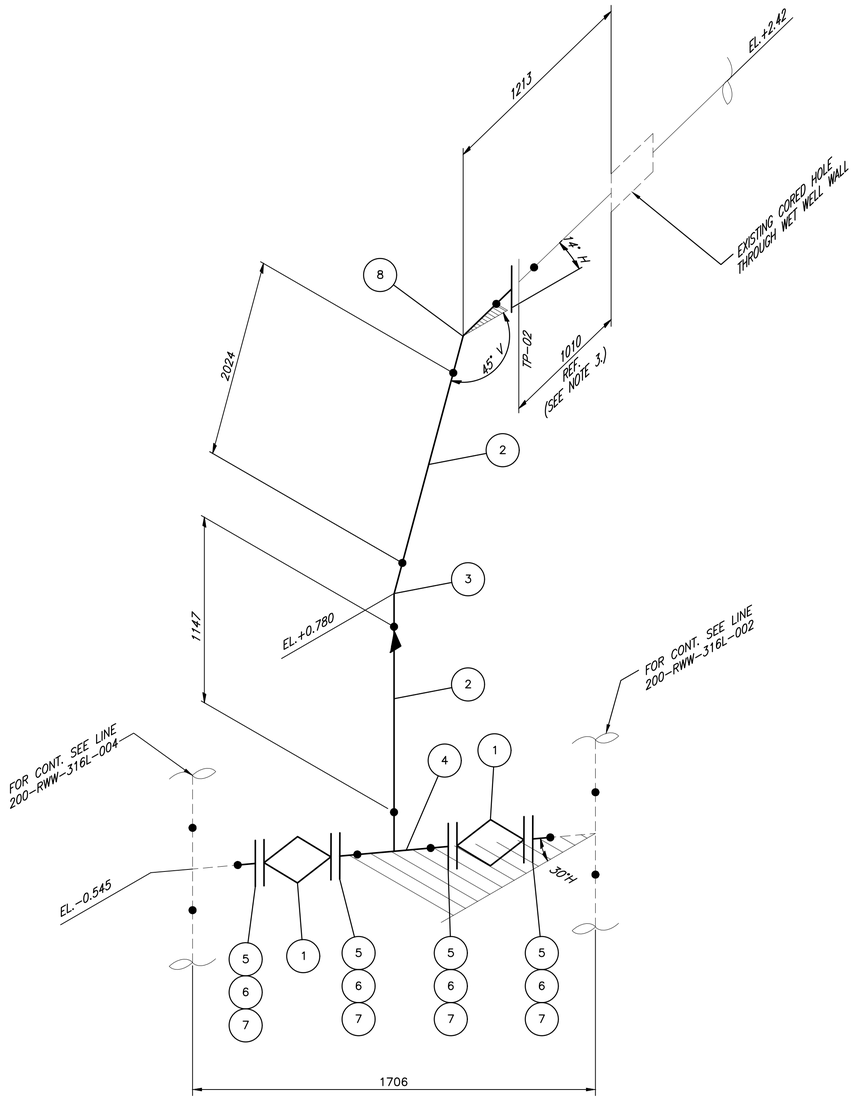

BILL OF MATERIAL			
ITEM NUMBER	SIZE (NPS)	QTY.	DESCRIPTION
1	200mm	2	ECCENTRIC PLUG VALVE, DEZURIK PEF SERIES, FLANGED, CLASS 150, ASTM A126 CLASS B CAST IRON, 100% PORT, HAND WHEEL OPERATED
2	200mm	3.2m	PIPE SCH STD, ASTM A774–TP316 L STAINLESS STEEL
3	200mm	1	ELBOW 45 DEG SHORT RADIUS, SCH STD, ASTM A774–TP316 L STAINLESS STEEL
4	200mm	1	TEE, SCH STD, ASTM A774–TP316 L STAINLESS STEEL
5	200mm	4	FLANGE CLASS 150, WELD NECK, FLAT FACE, ASTM A182/182M – F316 L STAINLESS STEEL
6	200mm	4	GASKET, CLASS 150, FULL FACE, BLACK RUBBER (EPDM) ASME B16.47
7	20mm	4	STUD–NUTS SETS, STUDS ASTM A193 GRADE B8M, NUTS ASTM A194 GR.4
8	200mm	1	ELBOW 46.77 DEG, SPECIAL FITTING, SCH STD, ASTM A774 – TP316L STAINLESS STEEL

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. MATING FLANGE NOT INCLUDED IN BILL OF MATERIAL. RE–USE STUD–NUTS SET.

DRAWING NO.	TITLE
REFERENCE DRAWINGS	

REV	DATE	DESCRIPTION	DRN	CHK	APP
1	JAN 2022	ISSUED FOR CONSTRUCTION	JH	JG	JG
0	JUN 2021	ISSUED FOR CONSTRUCTION	JH	JG	JG

REVISIONS

REGIONAL DISTRICT OF NANAIMO

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

LINE 200–RWW–316L–006

PROJECT NAME: CHASE RIVER PUMP STATION UPGRADES

CHASE RIVER PUMP STATION
MECHANICAL
PUMP #2 AND PUMP #4
DISCHARGE BYPASS ISOMETRIC

JACOBS

DRAWN	DESIGNED	CHECKED	APPROVED	DRAWING NUMBER	SHEET	PROJECT NO.	SCALE	DATE	REV
CT	CW	JG	JG	CRPS–M–226		707564	NTS	APR 2021	1