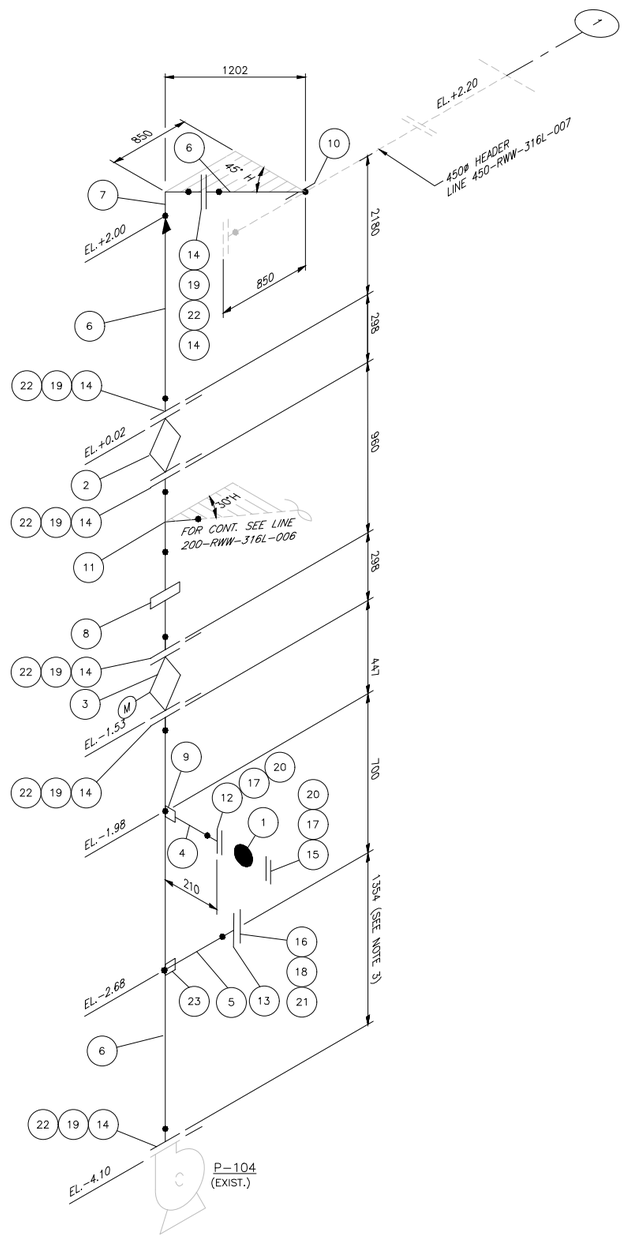

BILL OF MATERIAL

ITEM NUMBER	SIZE (NPS)	QTY.	DESCRIPTION
1	50mm	1	BALL VALVE, FLANGED FLAT FACE, CLASS 150, FULL PORT, 316 STAINLESS STEEL, LOCKABLE HANDLE
2	200mm	1	ECCENTRIC PLUG VALVE, DEZURIK PEF SERIES, FLANGED, CLASS 150, ASTM A126 CLASS B CAST IRON, 100% PORT, HAND WHEEL OPERATED
3	200mm	1	ECCENTRIC PLUG VALVE, DEZURIK PEF SERIES, FLANGED, CLASS 150, ASTM A126 CLASS B CAST IRON, 100% PORT, ELECTRIC ACTUATED
4	50mm	0.1m	PIPE SCH 80, ASTM A312-TP316L STAINLESS STEEL
5	100mm	0.4m	PIPE SCH STD, ASTM A312-TP316L STAINLESS STEEL
6	200mm	5.7m	PIPE SCH STD, ASTM A774-TP316 L STAINLESS STEEL
7	200mm	1	ELBOW 90 DEG SHORT RADIUS, SCH STD, ASTM A774-TP316 L STAINLESS STEEL
8	200mm	1	COUPLING, VICTAULIC STANDARD FLEXIBLE COUPLING STYLE 77 OR EQUIVALENT, ASTM A-536, HOT DIPPED GALVANZIED, GRADE "T" NITRILE GASKET
9	50mm	1	WELDOLET, SCH 80, ASTM A182/182M - F316 L STAINLESS STEEL
10	200mm	1	BRANCH REINFORCEMENT ASME B31.3
11	200mm	1	TEE, SCH STD, ASTM A774-TP316 L STAINLESS STEEL
12	50mm	1	FLANGE CLASS 150, WELD NECK, FLAT FACE, ASTM A182/182M - F316 L STAINLESS STEEL
13	100mm	1	FLANGE CLASS 150, WELD NECK, FLAT FACE, ASTM A182/182M - F316 L STAINLESS STEEL
14	200mm	7	FLANGE CLASS 150, WELD NECK, FLAT FACE, ASTM A182/182M - F316 L STAINLESS STEEL
15	50mm	1	BLIND FLANGE CLASS 150, FLAT FACE, ASTM A182/182M - F316 L STAINLESS STEEL
16	100mm	1	BLIND FLANGE CLASS 150, FLAT FACE, ASTM A182/182M - F316 L STAINLESS STEEL
17	50mm	2	GASKET, CLASS 150, FULL FACE, BLACK RUBBER (EPDM) ASME B16.47
18	100mm	1	GASKET, CLASS 150, FULL FACE, BLACK RUBBER (EPDM) ASME B16.47
19	200mm	6	GASKET, CLASS 150, FULL FACE, BLACK RUBBER (EPDM) ASME B16.47
20	16mm	2	STUD-NUTS SETS, STUDS ASTM A193 GRADE B8M, NUTS ASTM A194 GR.4
21	16mm	1	STUD-NUTS SETS, STUDS ASTM A193 GRADE B8M, NUTS ASTM A194 GR.4
22	20mm	6	STUD-NUTS SETS, STUDS ASTM A193 GRADE B8M, NUTS ASTM A194 GR.4
23	100mm	1	WELDOLET, SCH 80, ASTM A182/182M - F316 L 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. CONFIRM LENGTH BASED ON FINAL ELEVATION OF MOUNTING PLATE - SEE DWG CRPS-M-216.

DRAWING NO.	TITLE	REV	DATE	DESCRIPTION	DRN	CHK	APP
		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 — 2021-06-18

LINE 200-RWW-316L-004

PROJECT NAME	CHASE RIVER PUMP STATION UPGRADES		
DRAWN: CT	CHASE RIVER PUMP STATION MECHANICAL PUMP #4 DISCHARGE ISOMETRIC		JACOBS
DESIGNED: CW			PROJECT NO.: 707564 — SCALE: NTS
CHECKED: JG			
APPROVED: JG	DRAWING NUMBER: CRPS-M-224	SHEET	DATE: APR 2021 — REV: 0