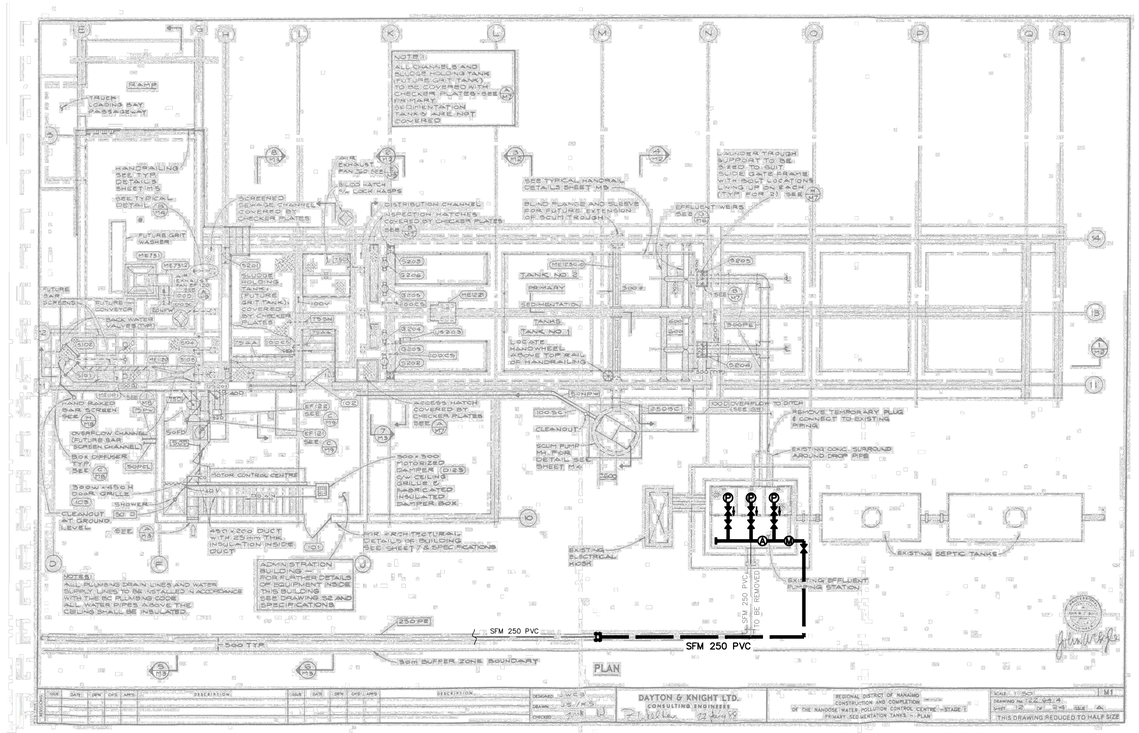
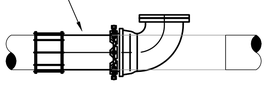


SITE PLAN
SCALE NTS

COMPONENT LIST

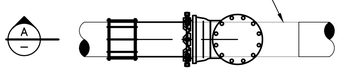
ITEM No.	DESCRIPTION	QUANTITY
1	DISCHARGE CONNECTION, 150F c/w LIFTING CHAIN, CHAIN CONNECTOR, GUIDE BARS, AND UPPER GUIDE BAR HOLDER	3
2	SLIP–ON RING FLANGE, 150 DIA. AWWA C228 CLASS SD STAINLESS STEEL 304L	15
3	PIPE, 150 DIA. SCH 40 STAINLESS STEEL 316L	TO SUIT
4	LONG RADIUS 45° BEND, 150 DIA. SCH 40 STAINLESS STEEL 316L	6
5	CHECK VALVE, 150FxF (AVK 41–150–RW)	3
6	VICTAULIC COUPLING, 150 DIA. STAINLESS STEEL 304L	3
7	PLUG VALVE, 150FxF	3
8	BLIND FLANGE, 250 DIA. AWWA C228 CLASS SD STAINLESS STEEL 316L	1
9	SLIP–ON RING FLANGE, 250 DIA. AWWA C228 CLASS SD STAINLESS STEEL 304L	8
10	PIPE, 250 DIA. SCH 40 STAINLESS STEEL 316L	TO SUIT
11	REDUCING TEE, 250x150 SCH 40 STAINLESS STEEL 316L	3
12	VICTAULIC COUPLING, 250 DIA. STAINLESS STEEL 304L	1
13	LONG RADIUS 90° BEND, 250 DIA. SCH 40 STAINLESS STEEL 316L	2
14	PLUG VALVE, 250FxF	1
15	THREADOLET, 50FIPT STAINLESS STEEL 316L	1
16	NIPPLE, 50MIPTMIPT STAINLESS STEEL 316L	TO SUIT
17	BALL VALVE, 50FIPTxFIPT STAINLESS STEEL 316L	1
18	NIPPLE, 50MIPTxVIC STAINLESS STEEL 316L	2
19	VICTAULIC COUPLING, 50 DIA. STAINLESS STEEL 304L	1
20	AIR VALVE ASSEMBLY, 50FIPT (APCO S–400) c/w STAINLESS STEEL 316L DISCHARGE PIPING	1
21	NIPPLE, 13MIPTMIPT STAINLESS STEEL 316L	TO SUIT
22	90° BEND, 13FIPTxFIPT STAINLESS STEEL 316L	2
23	UNION, 13FIPTxFIPT STAINLESS STEEL 316L	1
24	THREADOLET, 25FIPT STAINLESS STEEL 316L	4
25	NIPPLE, 25MIPTxMIPT STAINLESS STEEL 316L	TO SUIT
26	BALL VALVE, 25FIPTxFIPT STAINLESS STEEL 316L	4
27	PLUG, 25MIPT STAINLESS STEEL 316L	4
28	ADJUSTABLE PIPE SUPPORT (STANDON MODEL S89 OR APPROVED EQUIVALENT)	2

INSTALL:
1 – 90° BEND, 250FxMJ DUCTILE IRON c/w RESTRAINT
1 – BLIND FLANGE, 250 DIA. DUCTILE IRON, DRILLED AND TAPPED TO SUIT.
1 – STUB, 250 DIA. DR18 PVC, LENGTH TO SUIT
1 – TRANSITION COUPLING 250 PVCxPVC
SEE BYPASS PLAN FOR MORE DETAILS.

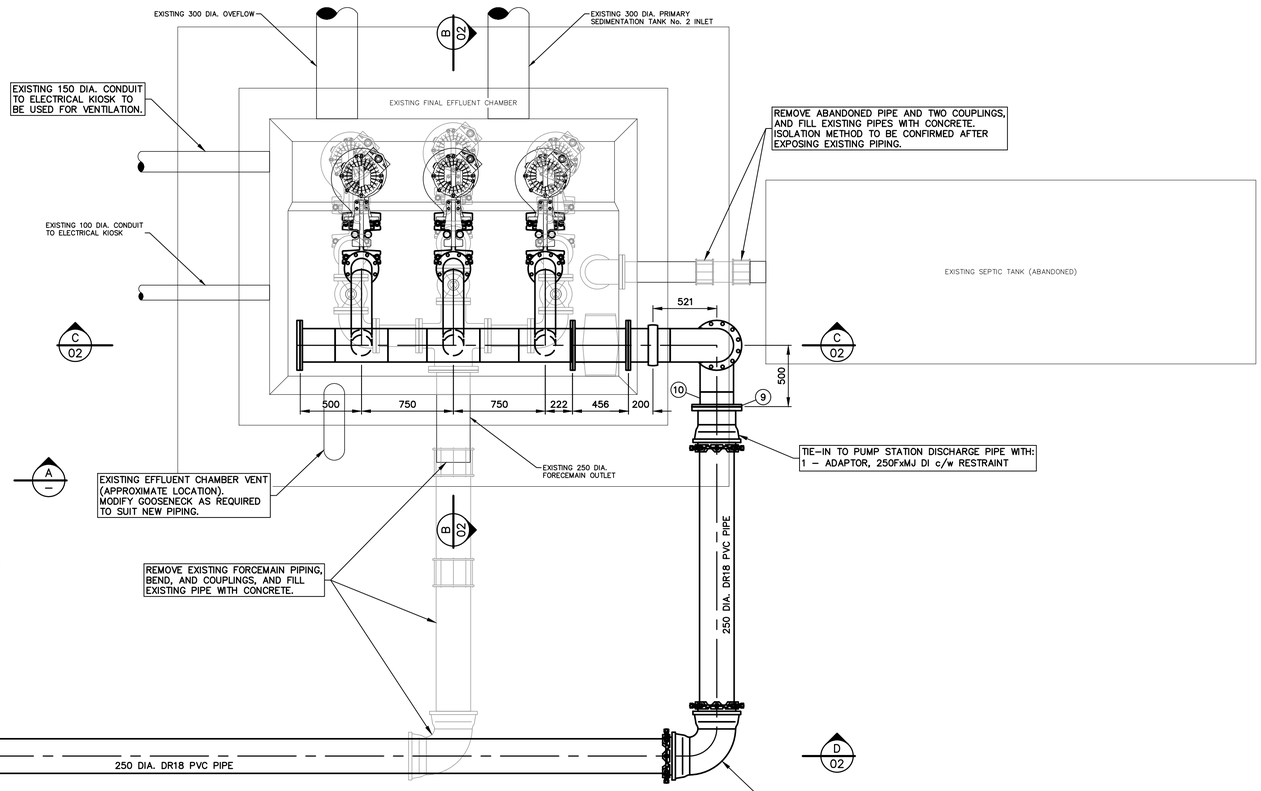


A — SECTION
SCALE 1:25

CUT EXISTING SANITARY FORCEMAIN AS REQUIRED TO INSTALL 90° BEND FOR TEMPORARY BYPASS



TEMPORARY BYAPASS PLAN
SCALE 1:25



MECHANICAL PLAN
SCALE 1:25

KOERS & ASSOCIATES ENGINEERING LTD.
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RECORD OF REVISIONS

REV	DATE	BY	ENG	DESCRIPTION

NOT FOR CONSTRUCTION

ISS	DATE	BY	ENG	DESCRIPTION
C	10JUL25	CACH	MB	PRICING
B	09JUL25	CACH	CD	95% SUBMISSION
A	19JUN25	CACH	CD	50% SUBMISSION

RECORD OF ISSUE

SEAL
PROFESSIONAL ENGINEER PROVINCE OF BRITISH COLUMBIA M. E. BROOK # 35332
2025-07-10
PERMIT TO PRACTICE No. 1001658

PROJECT NO.	2548
DRAWN	CACH
DESIGNED	CD
CHECKED	MB
APPROVED	CD
DATE	JUNE 2025
SCALE	AS SHOWN

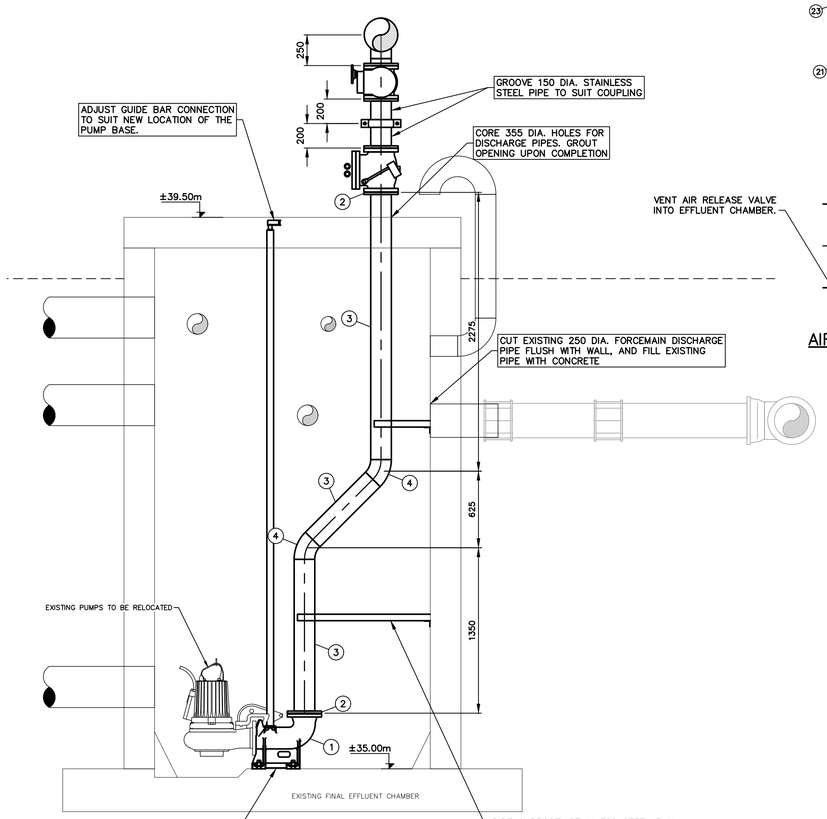
CLIENT
REGIONAL DISTRICT OF NANAIMO

PROJECT
NBPCC LIFT STATION IMPROVEMENTS

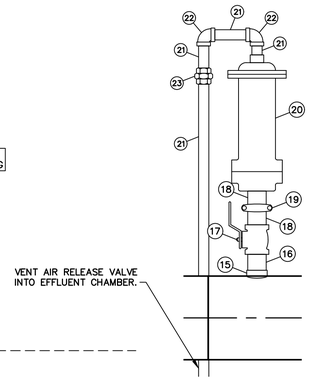
TITLE
SITE PLAN, MECHANICAL PLAN, AND COMPONENT LIST

DRAWING No.	REV.	SHEET
2548–01	–	1/2

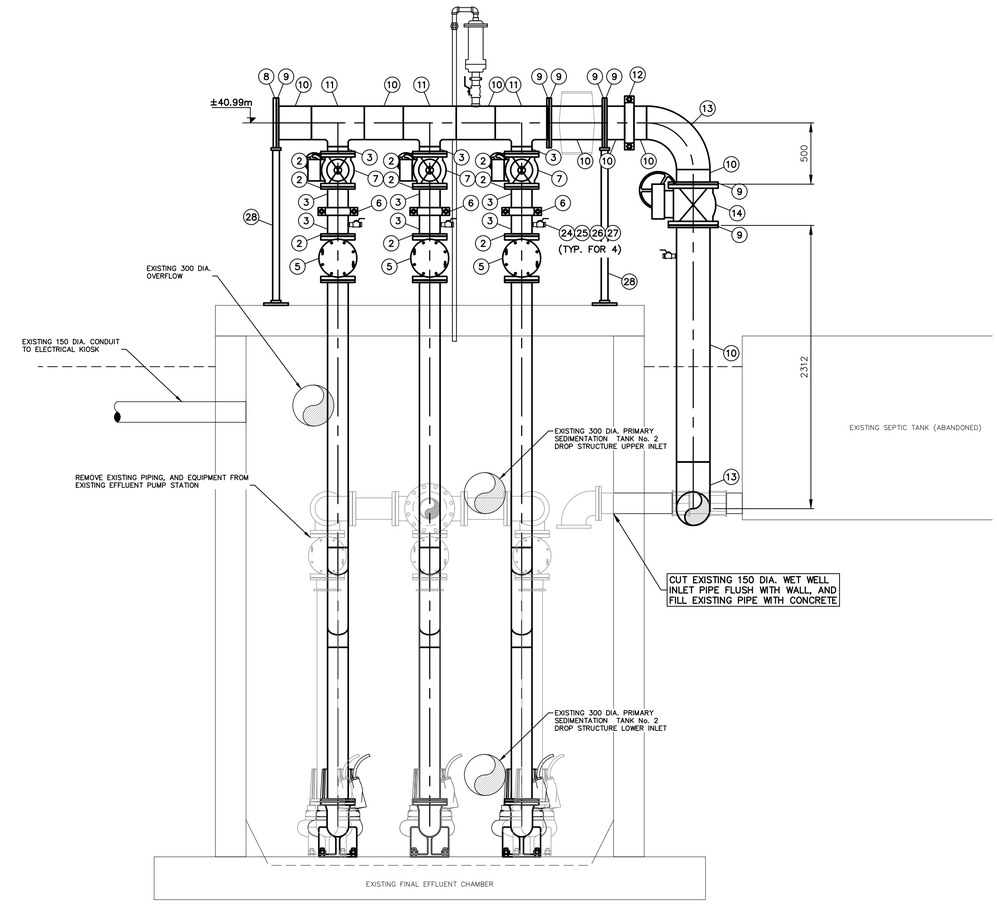
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B 01 SECTION (TYP FOR 3) SCALE 1:25



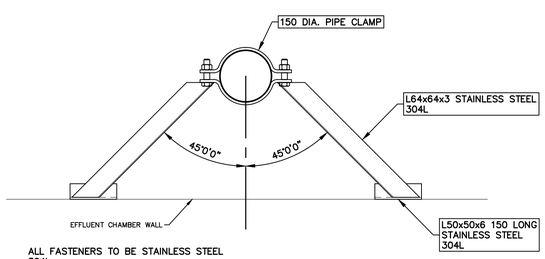
AIR VALVE DETAIL
SCALE 1:10



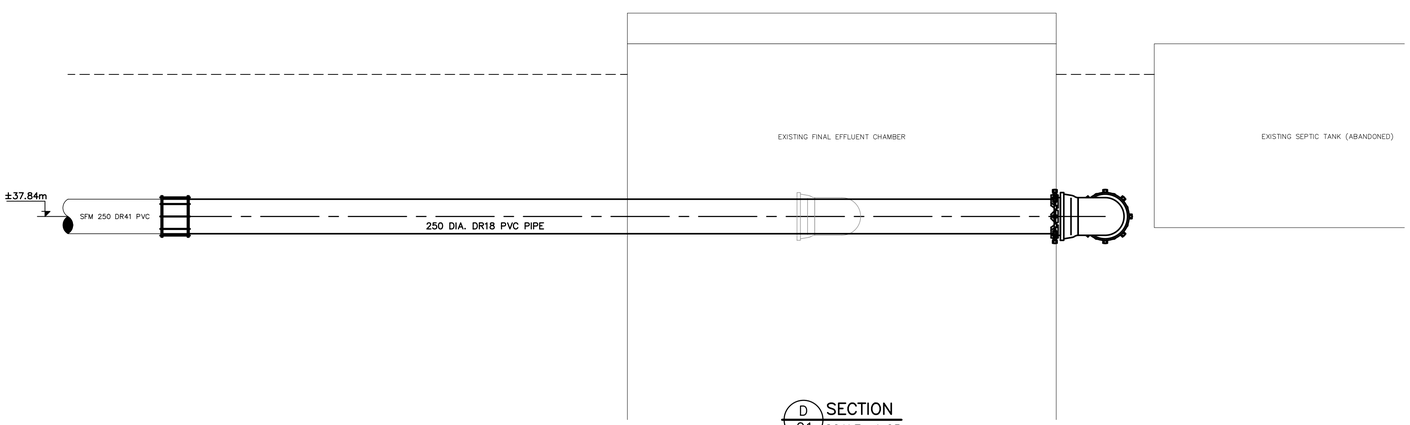
C 01 SECTION SCALE 1:25

NOTES:

1. ELEVATIONS ARE BASED ON EXISTING RECORD DRAWING INFORMATION.
2. SEE BYPASS PLAN FOR ISOLATION REQUIREMENTS AND BYPASS STRATEGY.



PIPE LATERAL RESTRAINT DETAIL
SCALE 1:10



D 01 SECTION SCALE 1:25

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DRAWN	CACH
DESIGNED	CD
CHECKED	MB
APPROVED	CD
DATE	JUNE 2025
SCALE	AS SHOWN

CLIENT

REGIONAL DISTRICT OF NANAIMO

PROJECT

NBPCC LIFT STATION IMPROVEMENTS

TITLE

MECHANICAL SECTIONS, AND DETAILS

DRAWING No.	REV.	SHEET
2548-02	–	2/2

File: 2548-01, 02.dwg Plot Time: Jul 10, 2025 - 8:53am User: chearn