

CHASTER WELL AND PUMP **IMPROVEMENTS**

SUNSHINE COAST REGIONAL DISTRICT, INFRASTRUCTURE DIVISION SP100738 - ISSUED FOR TENDER, APRIL 17-2025

SHEET INDEX GENERAL

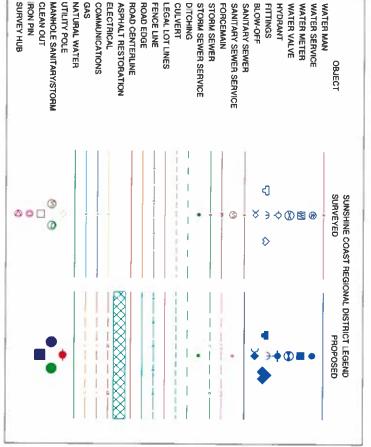
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CONTACT INFORMATION

MANAGER CAPITAL PROJECTS Jesse Waldorf.

1975 Field Road Sechelt, BC V0N 3A1 TEL: 604-865-4176

WATER - UTILITIES SUPERINTENDENT

Codi Abbott

Sunshine Coast Regional District (SCRD)

TEL: 604-741-3914

FortisBC Energy Inc.

POWER

Surrey BC, V3W 0G1 8475 128th Street,

800 224 9376

Sunshine Coast Regional District (SCRD)

5920 Mason Rd, Sechelt, BC V0N 3A8 Works Division

NATURAL GAS

16705 Fraser Highway Surrey, BC V4N 0E8

604 741 3914

BC Hydro

TELUS #1700-13408 108th Ave. **TELECOMMUNICATIONS** Surrey BC, V3T 5V6

604 885 6804



SITE LOCATION /NTS



SITE PLAN



REVISIONS

INFRASTRUCTURE D SUNSHINE CO

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IMPROVEMENTS ROAD WELL AND PUMP CHASTER

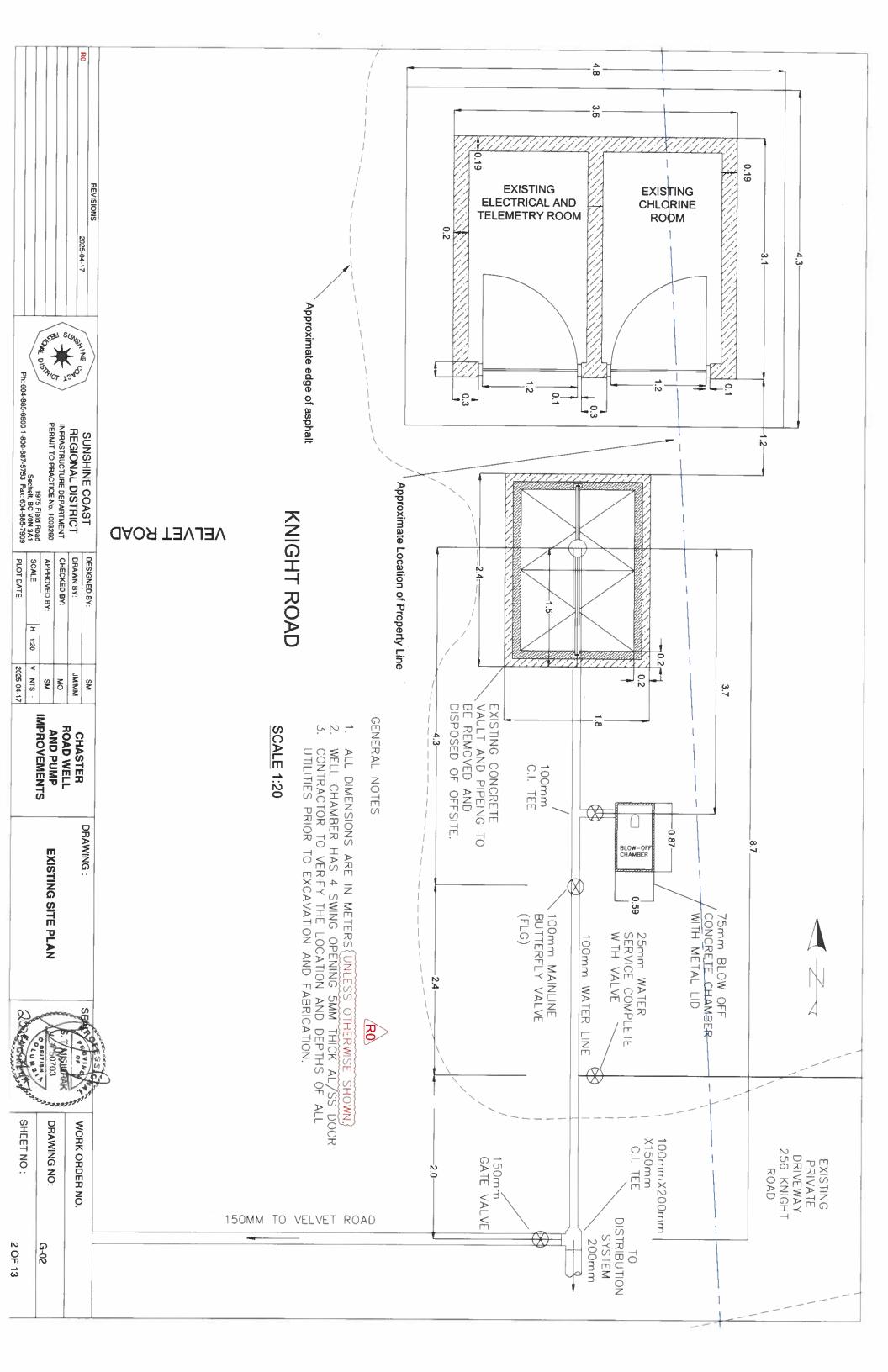
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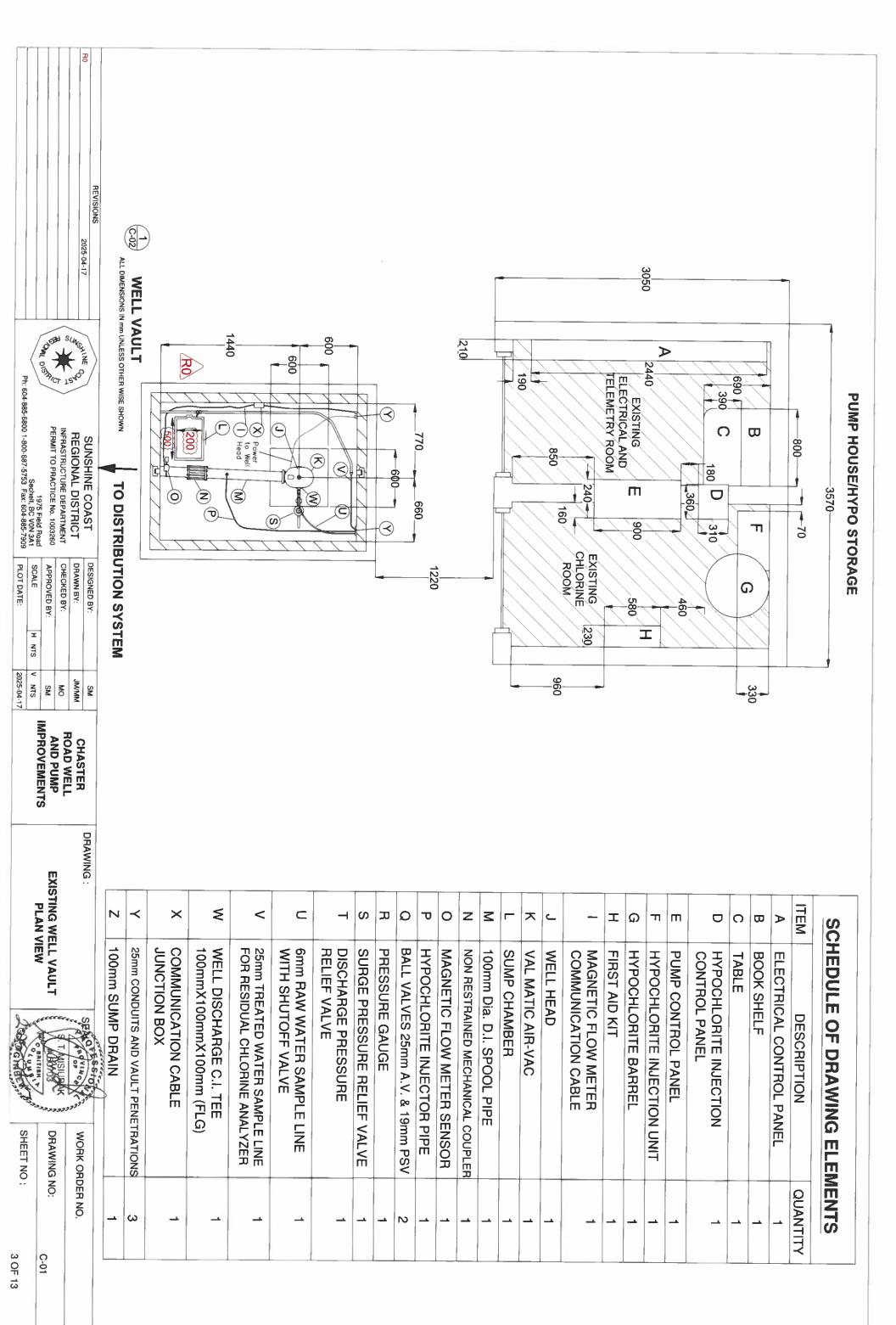
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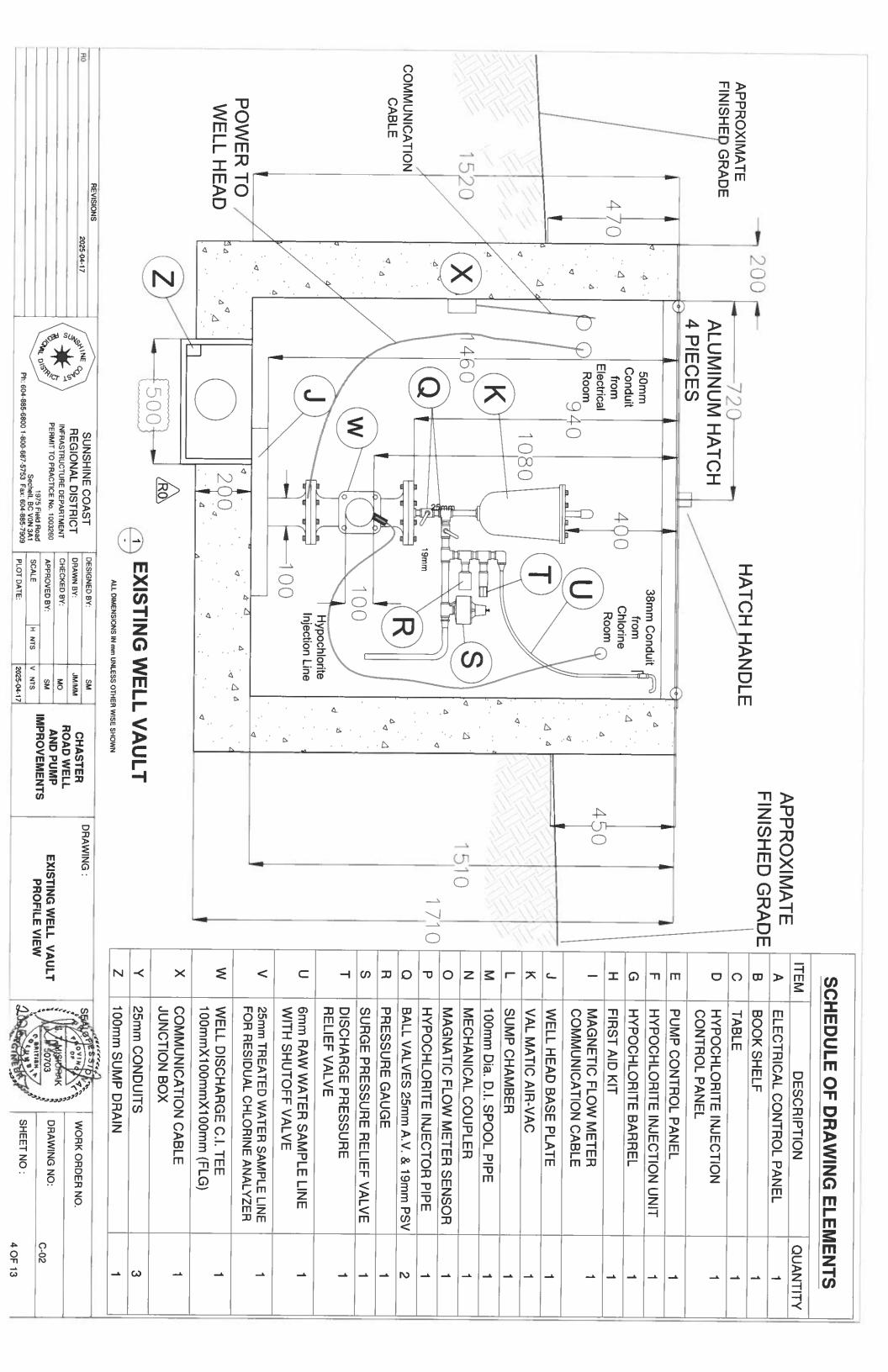


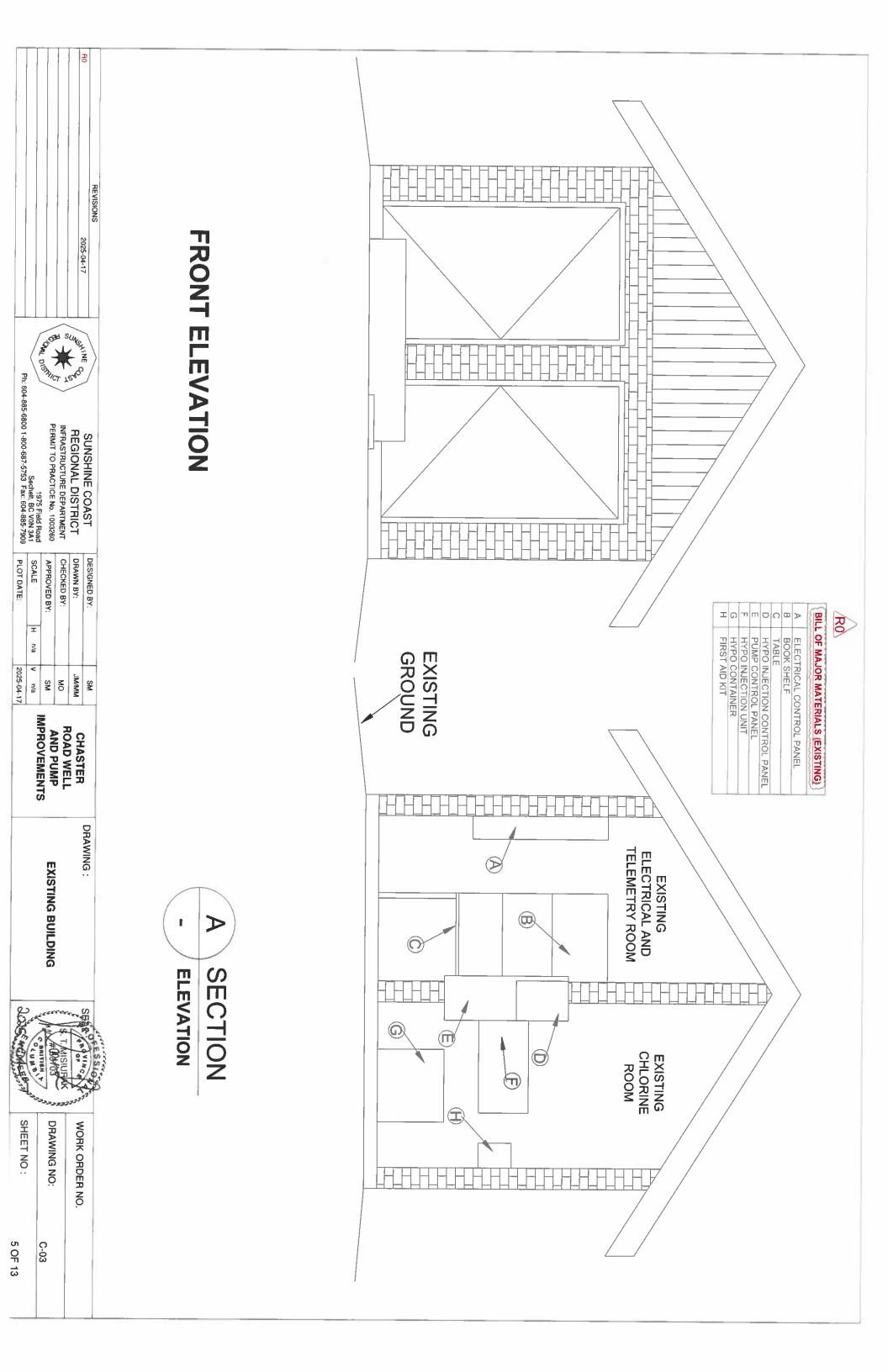
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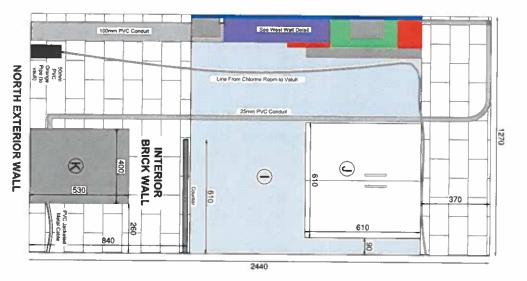








68 170 ITEM PVC Jackete Metal Cable **(D)** I Q т п O C $\boldsymbol{\varpi}$ Þ 19mm PLYWOOD BACKING MAIN JUNCTION BOX (POWER IN) ELECTRICAL METER MAIN SWITCH 480 VOLT 3-PHASE 3-WIRE HEAVY DUTY SAFTEY SWITCH PUMP DISCONNECT SWITCH PUMP (POWER) OVERLOAD RESET JUNCTION BOX JUNCTION BOX (LIGHTS) 280 0 INTERIOR BRICK WALL WEST EXTERIOR WALL DESCRIPTION 0 20 1 25mm Con-290 710 QUANTITY 1 2440



QUANTITY
2

OK 125 AMP

QUANTITY

T 0 z

THERMOSTAT

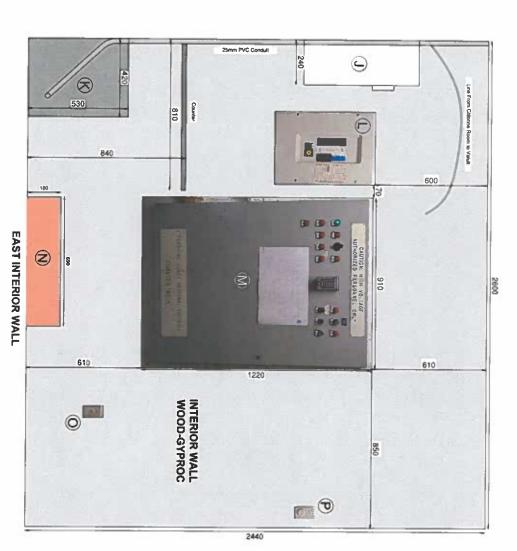
120V OUTLET

BASEBOARD HEATER

ITEM

TRANSFORMER CUPBOARD RO

BILL OF MAJOR MATERIALS (EXISTING)



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REVISIONS

2025-04-17

ORTH SUNGHINE

1975 Field Road Sechelt, BC V0N 3A1 Ph; 604-885-6800 1-800-687-5753 Fax; 604-885-7909

SCALE

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n/a NS

APPROVED BY: CHECKED BY: DRAWN BY:

PLOT DATE:

2025-04-17

INFRASTRUCTURE DEPARTMENT PERMIT TO PRACTICE No. 1003260

SUNSHINE COAST REGIONAL DISTRICT

DESIGNED BY

MM/MM MO

CHASTER
ROAD WELL
AND PUMP
IMPROVEMENTS

ELECTRICA

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DRAWING:

ALL DIMENSIONS IN mm UNLESS OTHERWISE SHOWN

ELECTRICAL ROOM SCALE= 1:10

DETAIL

BILL OF MAJOR MATERIALS (EXISTING)

WEST INTERIOR WALL

180

1

150

530

1

610

0

1

- O

0

390

910

WOOD-GYPROC 5

180

REVISIONS 2025-04-17



SUNSHINE COAST
REGIONAL DISTRICT
INFRASTRUCTURE DEPARTMENT
PERMIT TO PRACTICE No. 1003260

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SCALE	APPROVED BY	CHECKED BY:	DRAWN BY:	DESIGNED BY:
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n/a	F			
V N/a	MS	M	MW/ML	MS
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CHASTER
ROAD WELL
AND PUMP
IMPROVEMENTS







DRAWING:

CHLORINE ROOM

SHEET NO:

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C-05

7 OF 13

WORK ORDER NO.













EAST EXTERIOR WALL

8

570



550

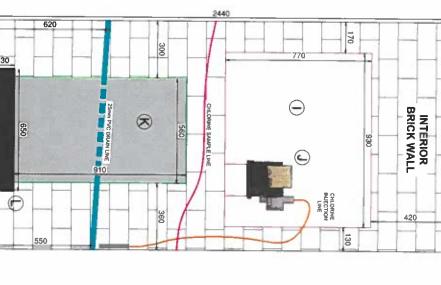
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3

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CHLORINE SAMPLE LINE



0

190

10

1

CHLORINE INJECTION LINE

INTERIOR BRICK WALL

190

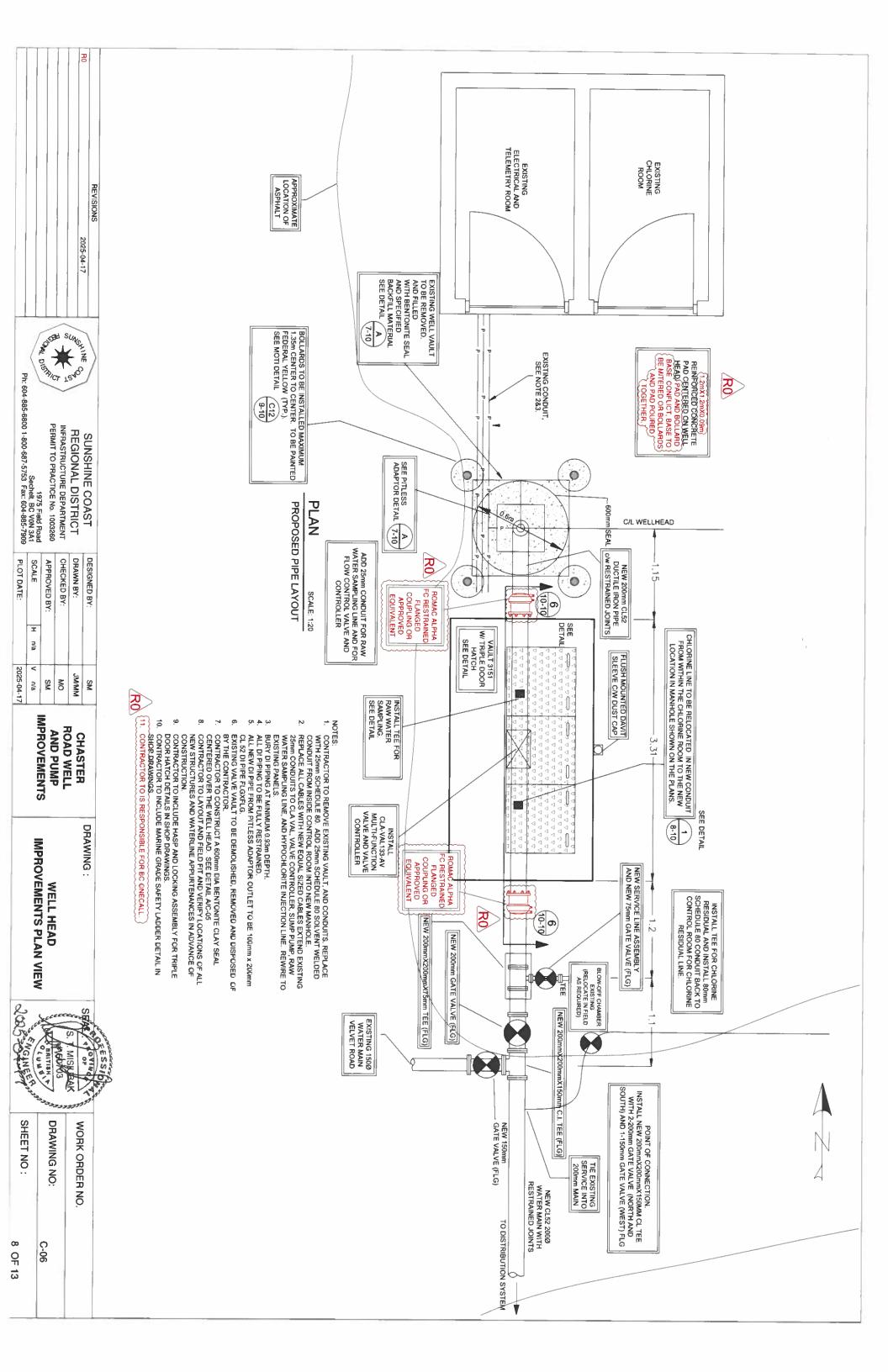
-		
ITEM	DESCRIPTION	QUANTITY
≻	JUNCTION BOX AND DOOR SENSOR LEAD	-
В	THERMOSTAT	-
C	LIGHT SWITCH	_
D	FAN SWITCH	_
m	POWER PLUG	_
П	BACK OF MASTER CONTROL PANEL (SEE ELECTRICAL ROOM	-
ဓ	CHLORINE ANALYZER	<u> </u>
I	BASEBOARD HEATER	-

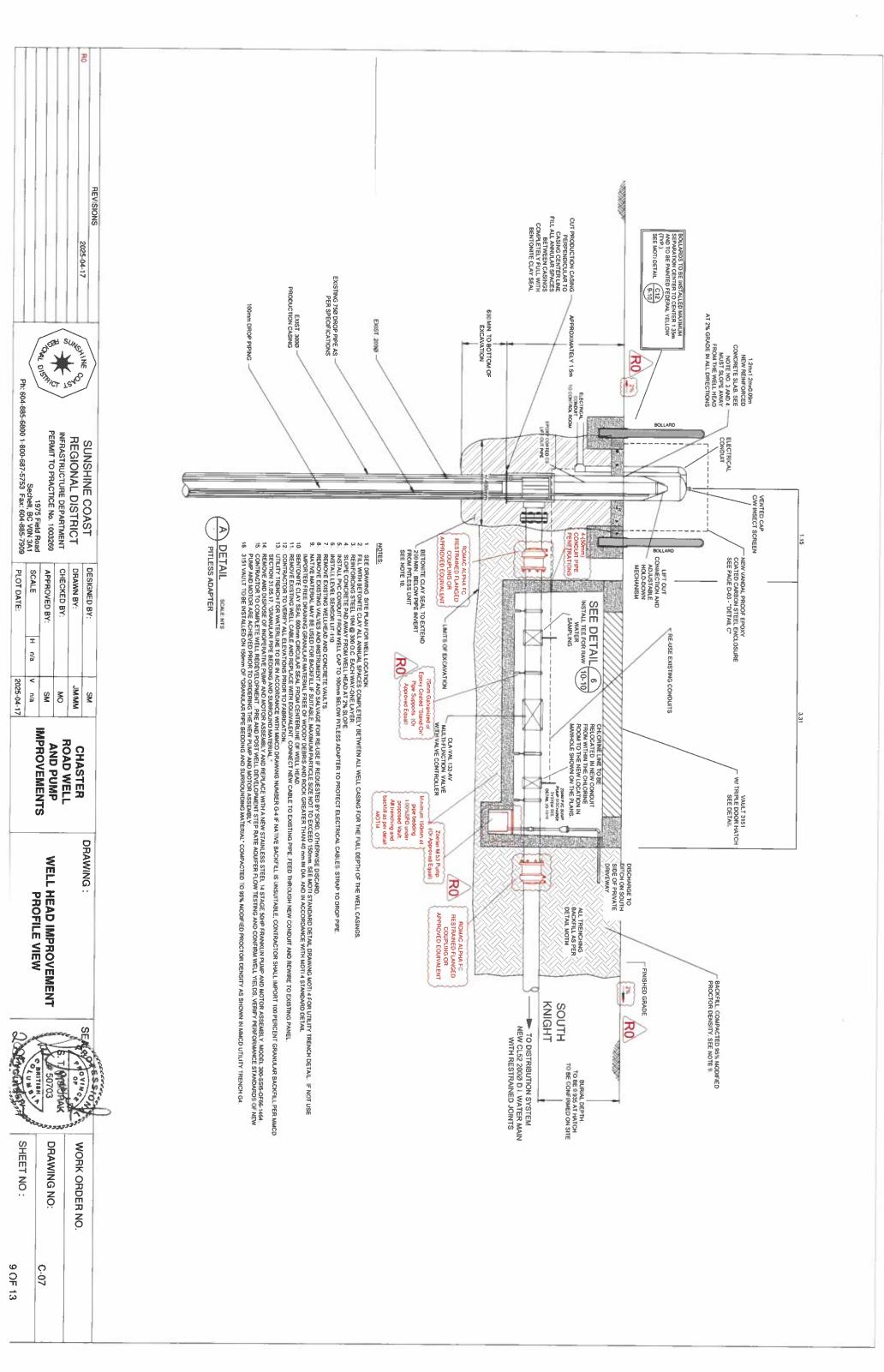
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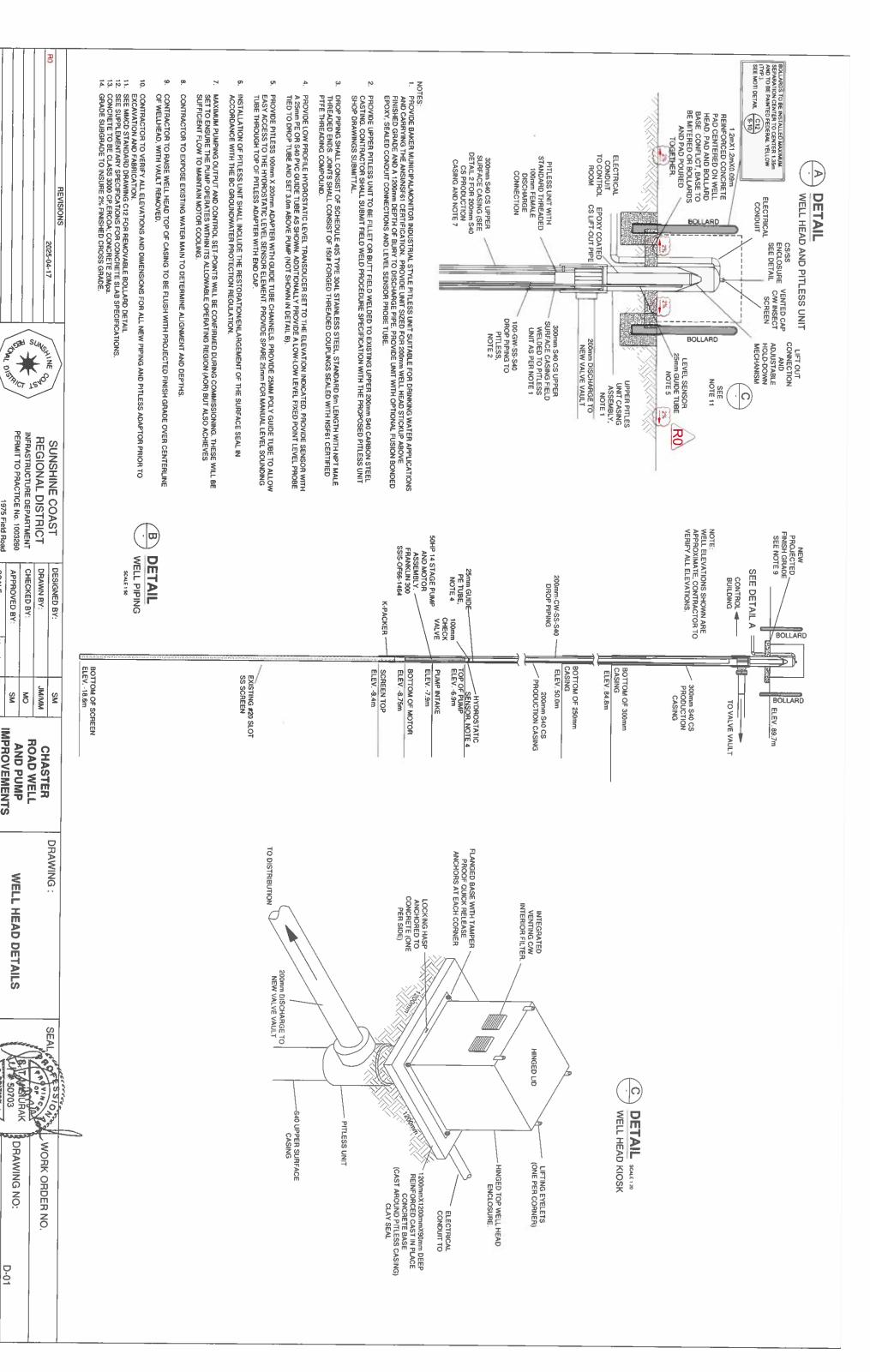
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~	×	8	<	_	1	တ	D	۵	ס	0	z	<	ITEM
SHUTOFF VALVE	SAMPLING TAP	POWER PLUG (CHLORINE PUMP)	PVC CONDUIT TO WELL VAULT	DRAIN TO EXTERIOR OF BUILDING	TEE AND 90° FOR OVERFLOW LINE	CHLORINE ANALYZER	CHLORINE SAMPLE LINE SHUTOFF	OVERFLOW WYE	SHUTOFF VALVES	PRESSURE GAUGE	PRV	EYE WASH STATION	DESCRIPTION
<u> </u>	_		_	_		_	_	_	2		_		QUANTITY







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IMPROVEMENTS

AND PUMP

WELL HEAD DETAILS

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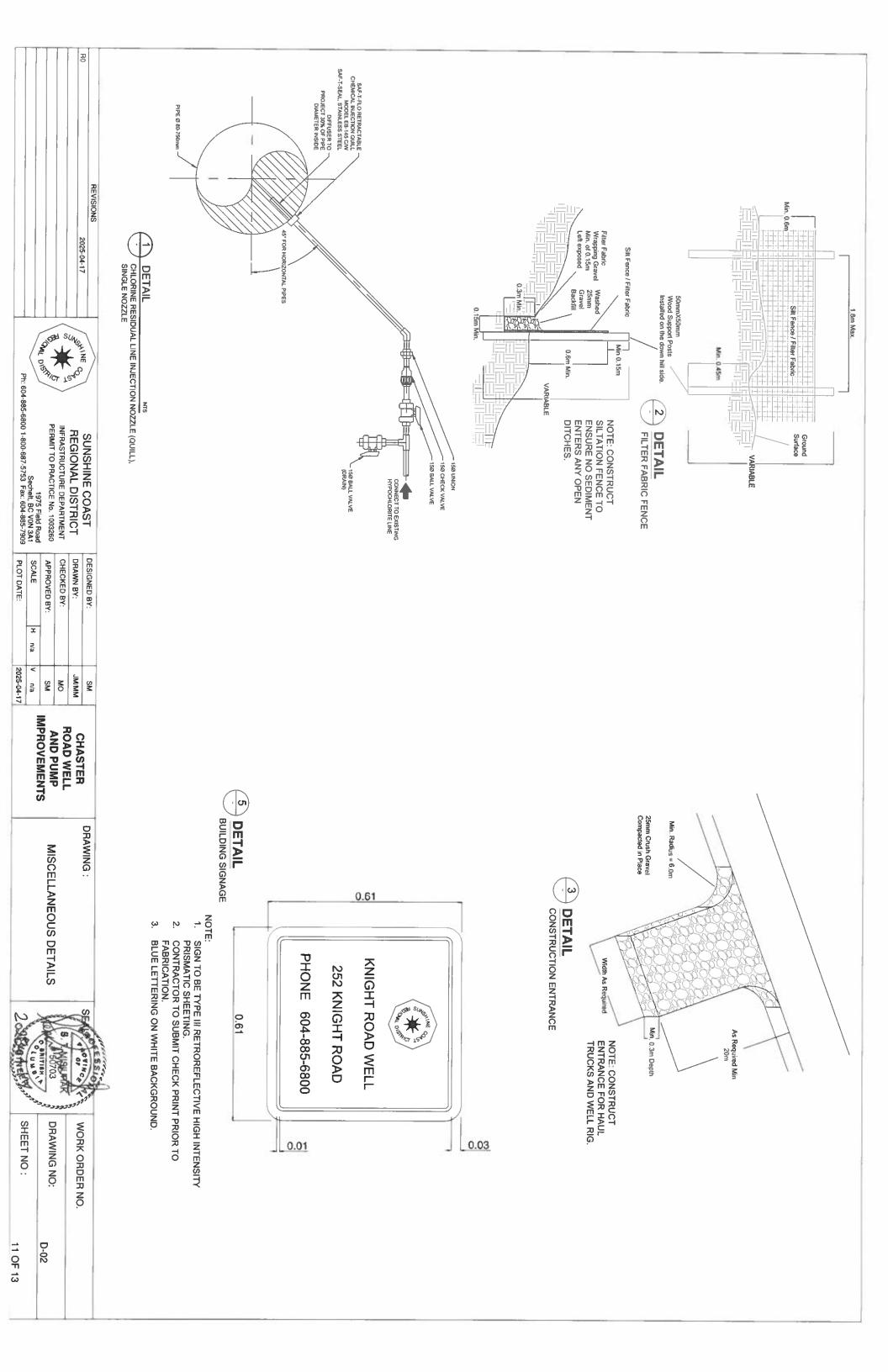
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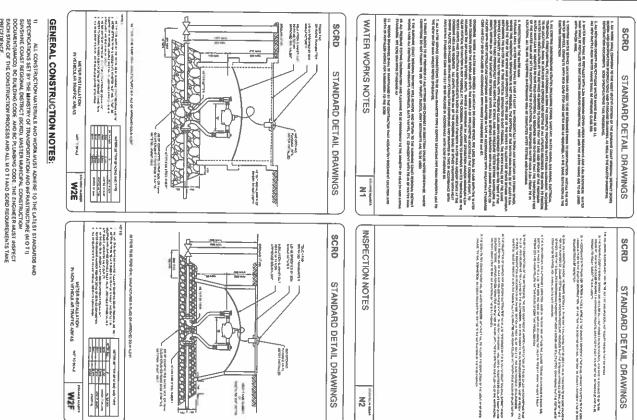
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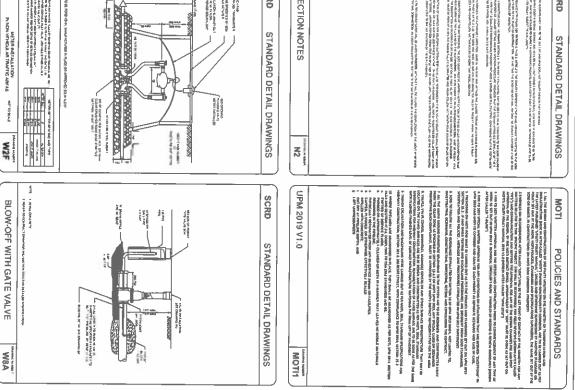
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PERMIT TO PRACTICE No. 1003260 INFRASTRUCTURE DEPARTMENT

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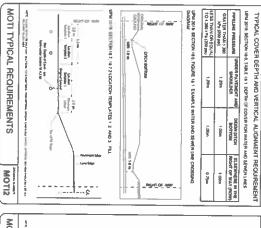






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STANDARD DETAIL DRAWINGS



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STANDARD DETAIL DRAWING

MOTI

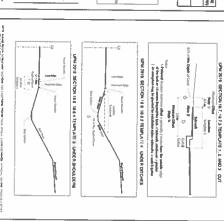
STANDARD DETAIL DRAWING

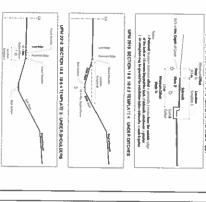
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TANDARD DETAIL DRAWINGS

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STANDARD DETAIL DRAWINGS





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BACKTY COMPACTOR DANGERS TO THE PARTY OF THE

ENAMALAN TRE BESSAG ANT SE CHEEN AS CAMPALAN FAR SESSES FOR DUCTE & BOOK PRES THE SESSES FOR DUCTE & T









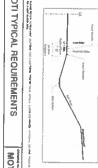


















UTILITY TRENCH















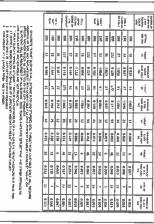




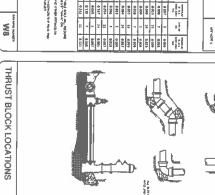


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PIPE ANCHOR BLOCKS

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MMCD

STANDARD DETAIL DRAWNES

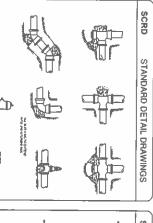
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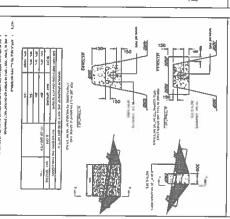
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W1

25mm Ø TO 50mm Ø CONNECTION





11) WHEK WORKING HEAR EXISTING SERVICES, THE CONTRACTOR IS REQUIRED TO EXERCISE (FLAGST CARE. IN CASE OF ANY DISTURBANCES TO THESE SERVICES, THEY MAST BE REPLACED TO THE SATISFACTION OF THE N O T L. SCRO, THE ENGINEER, OR THE APPROPRIATE UTAITY CORPORATION.	BLOW-OFF WITH GATE VALVE
CONTRACTOR IS VICES, THEY MUS THE APPROPRIA	W8A
T BE	
JUHED TO EXERCISE (ITWOST REPLACED TO THE TAITY CORPORATION.	BLOW-OFF FOR WATER MAN
	8/W

DURING THE CONSTRUCTION PROCESS, IT IS IMPORTANT TO ENSURE THAT ALL EXISTING SERVICES UNIT OPERATIONAL.

13 ANY DAWAGEO OR REMOVED INFRASTRIKCTURE. OR PRIVAIE PROPERTICITY DURING CORNET MUST BE REFURED OR REFUACED TO BETTER THAN OR EXCLAL TO PRE-CONSTRUCTION CONDITION. PRIVAITE PROPERTY AND BOLLE EVARDS MUST BE REINSTATED TO PRE-CONSTRUCTION CONDITIONS.

CONTRACTOR TO CONTACT AND INFORM ALL HOMEOWHERS SMARCTED BY THE CONSTRUCTION AT LAST FOUR WEIGHS, MOVANGE, RETROLTE THE MOTIFICATION TO THOSE HOMEOWHERS.
FFECTED BY THE WORK 48 HOURS BEFORE THE COMMENCEMENT OF THE WORK.

PRIOR TO COMMENCING CONSTRUCTION. THE CONTRACTOR SHALL MOTIFY M O.T.I., THE EER, AND SCRO AT LEAST 48 HOURS IN ADVANCE TO SCHEDULE AN INSPECTION.

THE ENGINEER MUST BE INFORMED BY THE CONTRACTOR DURING THE FOLLOWING PHASES OF THE PIDON SOCIEDULE. RELIVERY OF MATERIALS TO THE STIF

3) ALL MATERIAL TESTING MUST MEET M.O.T.I. SPECIFICATIONS, CONDUCTED BY A QUALIFIED MATERIAL TESTING FRAMAD PUR PIGE BY THE CONTRACTOR IN HIS PROVIDE CONTRACTOR MUST PROVIDE CONTRACTOR MUST PROVIDE CONTRACTOR ALL TEST REMALTS TO THE ELEMENEER AND ADDRESS PROBE TO CONSTRUCTION. ENSURING THEY MAVE THE LATEST ISSUED CONSTRUCTION DRAWMAGS. 49 MOMES BEFORE ANY CONSTRUCTION I AVES PLACE WITHIN RIOLD ALL OMANCES AND RIGHT OF T. THE CONTRACTOR IS RESPONSIBLE FOR NOTITYING THE APPROPRIABLE APPROVING ANTHORITY MERCHING DEPARTIMENT.

THE CONTRACTOR IS SOLE IV RESPONSIBLE FOR THE MEANS, HE "MORE, TECHNOLISE, REQUENCES ROCEDINES INFOLVED IN THE CONSTRUCTION, AND FOR COMBINE WAS ALL PARTS OF THE UNDER THE CONTRACT, WHALE THE CONTRACTOR AND COMMALTE CONTROL, OVER THE THE CONTRACT THAN THE ROCHT TO GAVE DIRECTIONS REGUNDAND THE WORK AS STATED IN ONTRACT DOCUMENTS.

SIBLE FOR COMPLETING ALL WORK TO THE SATISFACTION OF THE FEGULATORY AUTHORITY, ADDITIONALLY, THE

PRIOR TO STARTING CONSTRUCTION. A PRE-CONSTRUCTION WEETING WITH THE ENGINEER ACTOR, M O T I AND SCRO IS NECESSARY

WORKSAFE B.C. IS TO BE NOTIFIED PRIOR TO THE START OF CONSTRUCTION

PPROVALS AND PERMITS FROM THE APPROPRIATE AUTHORITIES AND AGENCIES ARE IN PLACE

EFONDE ENGADAGO N ANY WARK MI ANDONA ARQUNIOTREES. THE CONTRACTOR IS TO CONTRACT
'SS DEPARAMENT OF THE MUNICIPALITY IT IS CRITICAL TO PRESERVE THE DESIGNATED
WORDING NEAR A DESIGNATED TREE OR BUXQUATEDWIG ROOTS. THE CONTRACTOR MUST
TICE FROM A CERTITIED ARBORIST TO PREVENT ANY MARM TO THE TREES

REVISIONS

2025-04-17

OSTA SUNGILINE

1975 Field Road Sechelt, BC VON 3A1 Ph: 604-885-6800 1-800-687-5753 Fax: 604-885-7909

PERMIT TO PRACTICE No. 1003260

APPROVED BY: CHECKED BY: DRAWN 8Y: DESIGNED BY:

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ROAD WELL AND PUMP IMPROVEMENTS

PLOT DATE: SCALE

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NFRASTRUCTURE DEPARTMENT

REGIONAL DISTRICT SUNSHINE COAST

JM/MM N_O

CHASTER

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SUB-CONTRACTORS ARE NOT ALLOWED TO COMMUNICATE DIRECTLY WITH THE ENGINEERS OF IREGARDING ANY CONTRACTIVAL OR TECHNICAL ISSUE, INSTEAD, THEY SHOULD DIRECT

EFER CONCENS TO THE CONTRACTOR WHOS RESPONSIBLE FOR DELARIO WITH THEM ON THEIR ENAUT WITH THE BYSINEER MAY MATTER RELATED TO THE CONTRACT, INCLUDING PROGRESS AWARTH CHANGE ORDER, RAYMERT OF HOLDBACK, FAUL, PAYMERT, MISLANACE, AND MERNATY SHOULD DES DIRECTED TO THE ENGREER FOR REPREY MAD APPROVAL, THE OWERWATORS SHOULD DRIVE THE OF THE ENGREER FOR REPREY MAD APPROVAL, THE DIFFRACTORS SHOULD DRIVE THE OWNER OF THE ENGINEER REGARDING CHANGES TO THE ESIGN OR MAY EXTRA WORK REQUIRED.

CONCRETE BLOCKING

I MALESS CHIERNOSE SYATED IN THE CONTRACT DOCUMENTS OR SPECIFED BY THE ENGINEE MYTRACIONE IS CHAUSEDED THE PRIME CONTRACTOR FOR MALI APPLICABEL LAWS RELATING TO DE STAPPACTION HEALTH MAD MET HOMESTES THIS MINICIPAL STAPPACTURE TO THE PRIME SET THE PRIME SET THE PRIME SET THIS MINICIPAL STAPPACTURE OF THE SERVICES OF MYTRACTION HUBBET REPORTED BY THE PRIME CONTRACTOR ON MYTRACTOR PROPRIOTE SOURCE OF THE SERVICES OF STAPPACTURE CHAUSES, CONFIG. ON ANY PERSON OF MY THE SECURION FOR THE CONTRACTOR OF THE SERVICES OF THE

THE CONTRACTORS SURVEYOR IS RESPONSIBLE FOR RECORDING AND CERTIFYING ALL
REMAIND'M RECURED FOR THE ENGMEER TO PROVIDE, A COMPLETE SET OF AS-CONSTRUCTED
WAYNES, INCLUDING CENTERLINE, FOR LINE, EDGE OF ASPIALT, SIGNS, AND ALL
URIED/ANCES.

IF NO UPGANDES ANE PROPOSED UNDER THIS COMTRACT. THE CURRENT ROLDWAY SECTION 13 TAY CLEAN AND DEEN THROUGHOUT THE CONSTRUCTION PERIOD. AND MUST REMAIN IN SAME STATE AS BEFORE CONSTRUCTION BEGANS

THE CONTRACTOR MUST MANAGE TRAFFIC, PROVIDE SIGNS, BARRIERS, DELINEATORS, AND SSLARY WARRING DENCES TO PRESERVE THE FLOW OF YELFOLDS AND PEDESTRIANS, IN TON TO EMISURING ENERGENCY VEHICLE ACCESSBELTY, A TRAFFIC MANAGEMENT PLANWIGL. OF AVALABLE AS NECESSARY.

COLUMN COL

ANY CONSTRUCTION WORK UN OR HEAR A WATERCOURSE MECESSITÄTES APPROVAL AVEAD THE PROVINCIAL LINKSTRY OF ENVIRONMENT ANDOR THE FEDERAL DEPARTABYT OF RIES AND DCEANS CANADA, AS APPLICABLE.

PRIOR TO BEGINNING THE CONSTRUCTION, W AINED FOR ANY MATERIAL, SUBSTITUTIONS AND/OR SUBSTITUTIONS AND/OR CHANGES IN DESIGN SHO

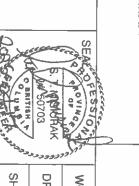
24) IT IS MANDATORY TO SAFEGUARD ALL SURVEY MONUMENTS, BENCHMARIKS AND LEGAL PHYS THE CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE CAUSED BY THEIR NEGLIGENCE AT

REMOVABLE BARRIER POST

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DRAWING:

AND GENERAL NOTES STANDARD DETAILS



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