

CHASTER WELL AND PUMP IMPROVEMENTS

SUNSHINE COAST REGIONAL DISTRICT, INFRASTRUCTURE DIVIS SP100738 - ISSUED FOR TENDER, DECEMBER-2024

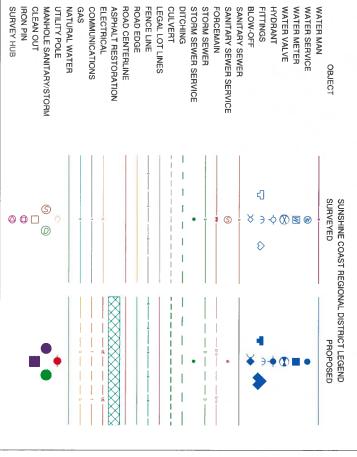
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CONTACT INFORMATION

MANAGER CAPITAL PROJECTS

Jesse Waldorf.

Sunshine Coast Regional District (SCRD) 1975 Field Road Sechelt, BC V0N 3A1

TEL: 604-885-6800

WATER - UTILITIES SUPERINTENDENT

Codi Abbott

Sunshine Coast Regional District (SCRD)

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

TEL: 604-885-6800

NATURAL GAS

FortisBC Energy Inc.

Surrey, BC V4N 0E8 16705 Fraser Highway

604 576 7000

POWER

BC Hydro

Surrey BC, V3W 0G1 8475 128th Street,

800 667 1517

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

604 885 6804



SITE LOCATION /NTS



SITE PLAN



R3-2 (90%) R4 (IFT)

REVISIONS

PERMIT TO PRACTICE No. 1003260 REGIONAL DISTRICT SUNSHINE COAST

1975 Field Road Sechelt, BC VON 3A1 Ph: 604-885-6800 1-800-687-5753 Fax: 604-885-7909 CHECKED BY: DRAWN BY: DESIGNED BY: SCALE APPROVED BY: H n/a V n/a JM/MM MO MS MS

PLOT DATE:

2024-11-29

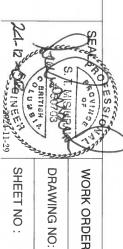
IMPROVEMENTS

COVER SHEET

DRAWING:

ROAD WELL AND PUMP

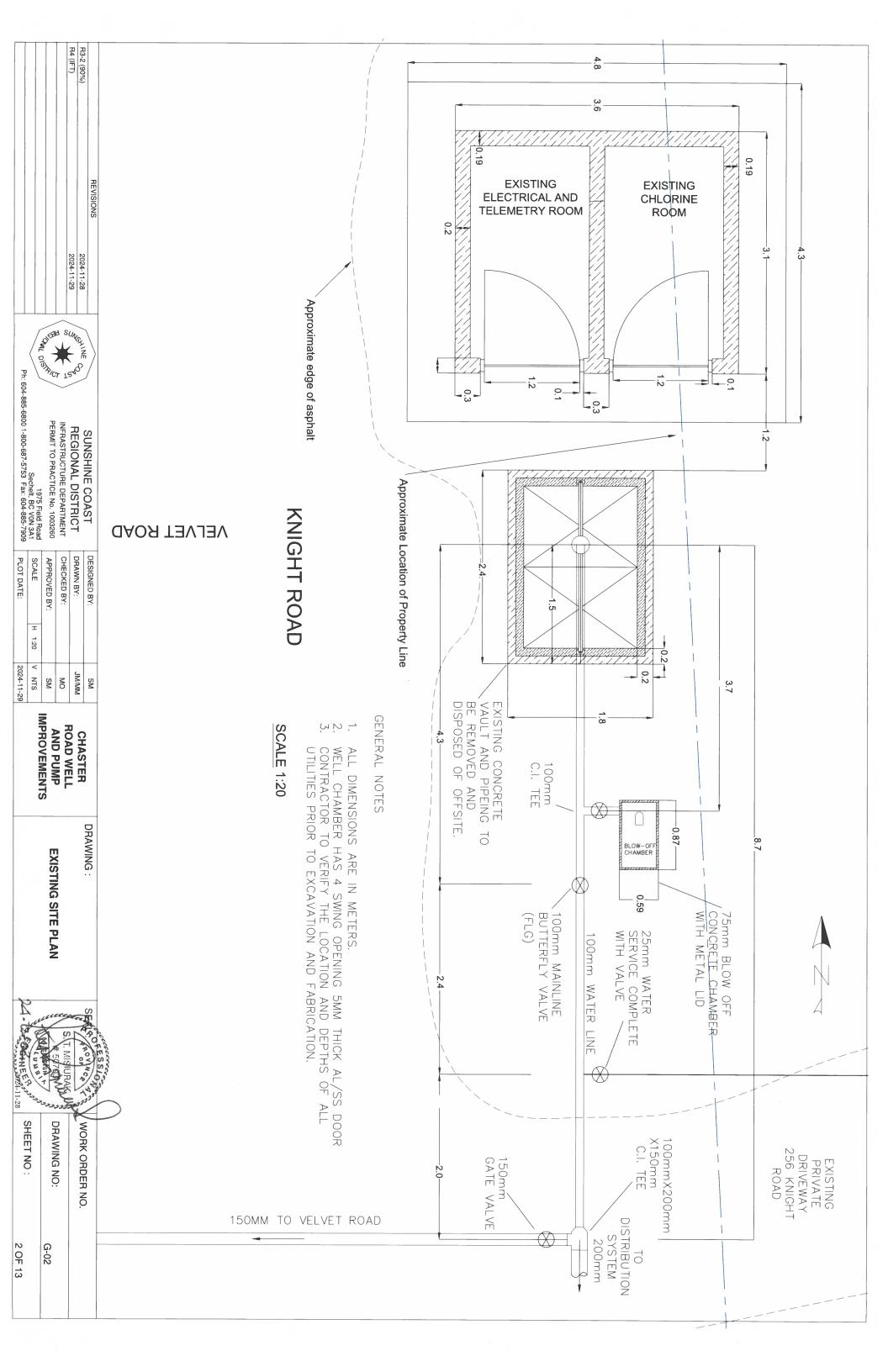
CHASTER

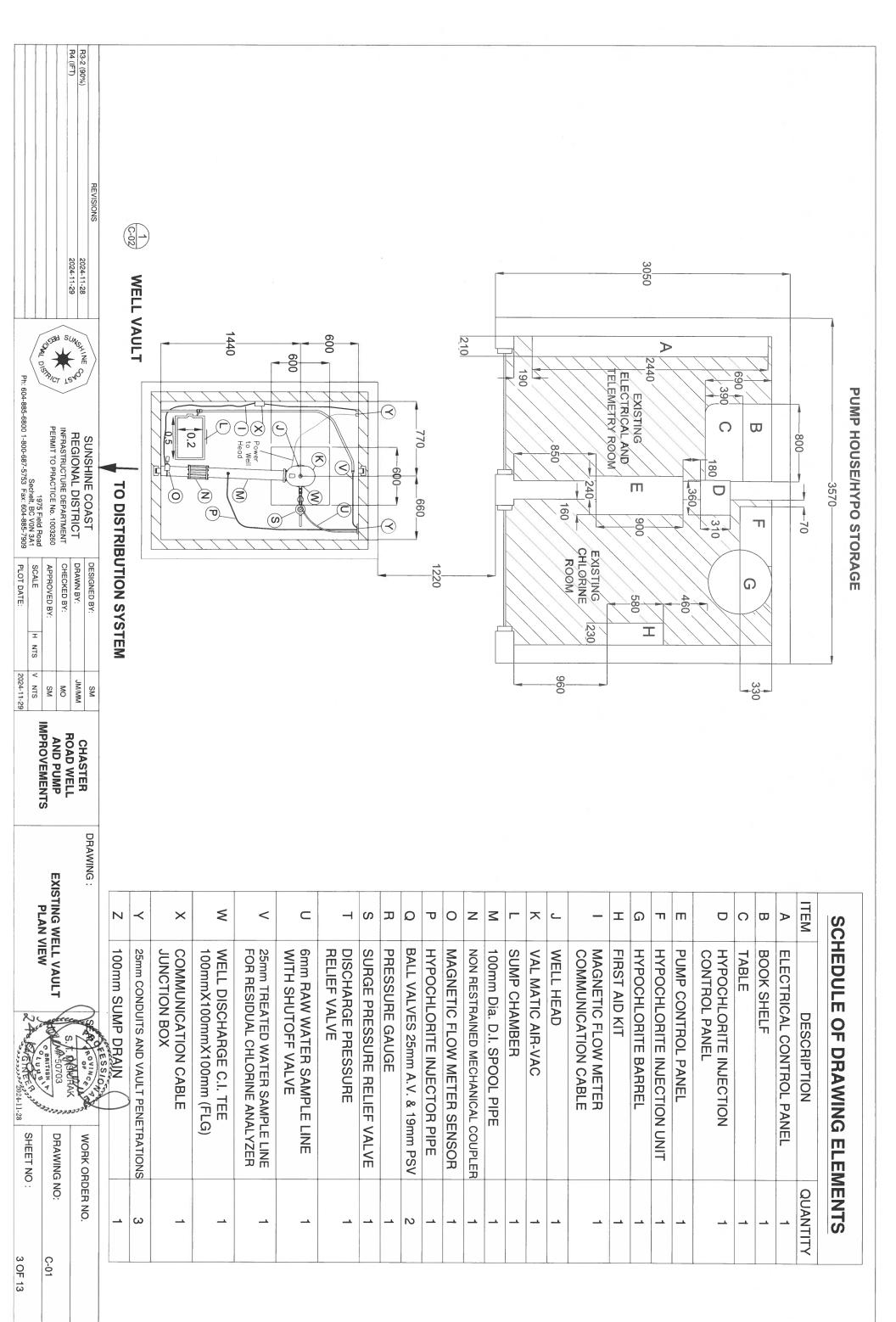


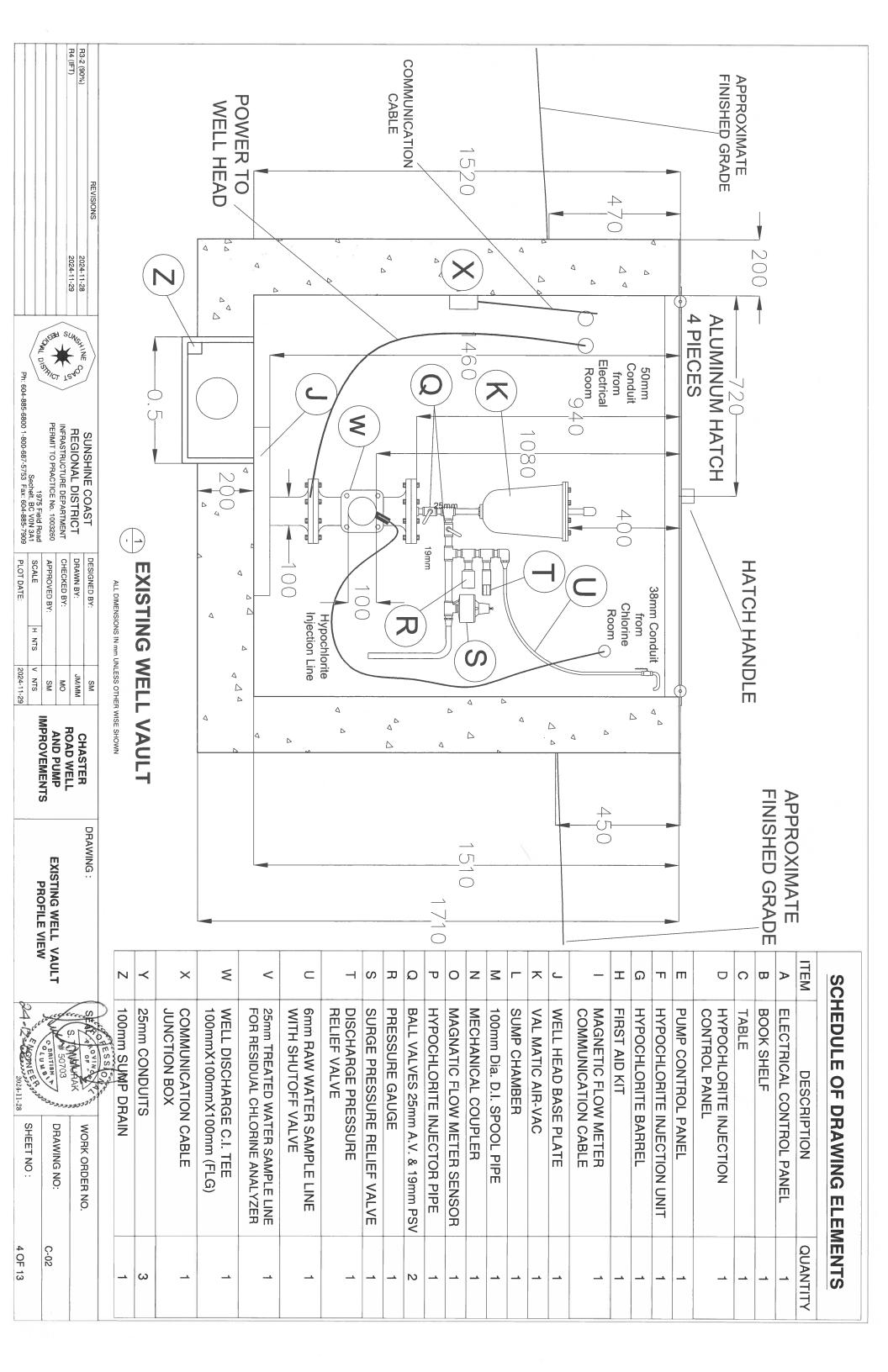
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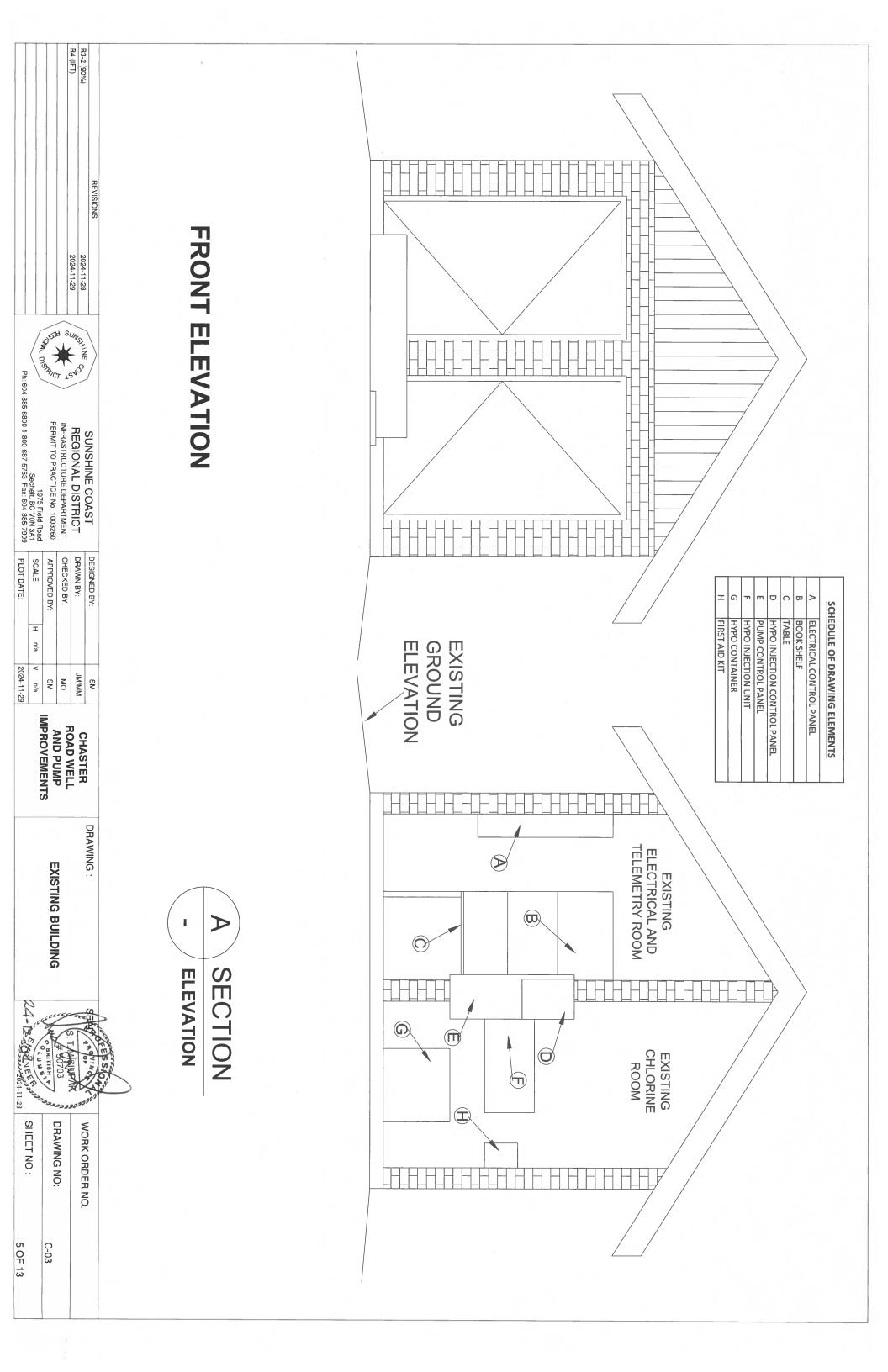
G-01

01 OF 13









SCHEDULE OF DRAWING ELEMENTS

ITEM	DESCRIPTION	QUANTITY
A	JUNCTION BOX	1
₩	PUMP (POWER) OVERLOAD RESET	-
ဂ	PUMP DISCONNECT SWITCH	_
D	HEAVY DUTY SAFTEY SWITCH (LIGHTS)	_
Ш	JUNCTION BOX	-
П	MAIN SWITCH 480 VOLT 3-PHASE 3-WIRE	1
G	ELECTRICAL METER	_
I	MAIN JUNCTION BOX (POWER IN)	1
_	19mm PLYWOOD BACKING	-

	100mm PVC Conduit	See West Wall Detail	
50mm PVC PVC Orange		Line From Chlorine Room to Valut 25mm PVC Conduit	
530 PriC Leasened Maid Capine	BRICK WALL	6 0 0 Gountary	610

25mm PVC Conduit

WOOD-GYPROC

<u>C</u>

0

Line From Chlorine Room to Valult

(B)

1

INTERIOR BRICK WALL

1

TOG EE

WEST EXTERIOR WALL

DESCRIPTION	QUANTITY
UPBOARD	_
RANSFORMER	1

ITEM

DESCRIPTION

QUANTITY

 \vdash

FEDERAL STAB-LOK 125 AMP

0 z ≤

BASEBOARD HEATER

_

PCL PANEL

ס

THERMOSTAT 120V OUTLET

DESCRIPTION	QUANTITY
CUPBOARD	_
TRANSFORMER	_

ITEM

ス ر



NORTH EXTERIOR WALL

EAST INTERIOR WALL

2

0

ELECTRICAL ROOM
SCALE= 1:10
ALL DIMENSIONS IN mm UNLESS OTHERWISE SHOWN.

JM/MM MS MS MO

R3-2 (90%) R4 (IFT)

REVISIONS

2024-11-28 2024-11-29

DISTRICT TRAGO

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

DESIGNED BY: DRAWN BY:

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

SCALE PLOT DATE:

> I n/a

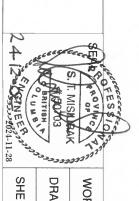
2024-11-29

APPROVED BY: CHECKED BY:

n/a CHASTER
ROAD WELL
AND PUMP
IMPROVEMENTS

DRAWING:





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SHEET NO:	DRAWING NO:	WORK ORDER NO.
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n/a 2024-11-29 V n/a MM/ML MO MS MS CHASTER
ROAD WELL
AND PUMP
IMPROVEMENTS DRAWING: **CHLORINE ROOM** 24 12 CHONEER 37 2024-11-28 T MISIUHAK SHEET NO: WORK ORDER NO. DRAWING NO:

7 OF 13

C-05

DRAWN BY: DESIGNED BY: SCALE APPROVED BY: CHECKED BY: I

R3-2 (90%) R4 (IFT)

REVISIONS

2024-11-28 2024-11-29

OSHICT TEAD

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

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

PLOT DATE:



DETAIL NORTH EXTERIOR WALL

EAST EXTERIOR WALL

8

570

60

8

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0

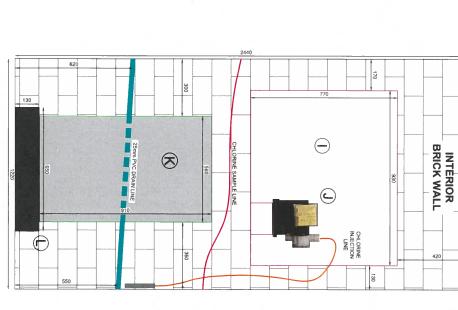
8

6

(Z)

INTERIOR BRICK WALL

(v)



9

0

1

CHLORINE SAMPLE LINE

(B)

1

WEST INTERIOR WALL

ITEM	DESCRIPTION	QUANTITY
⊳	JUNCTION BOX AND DOOR SENSOR LEAD	1
В	THERMOSTAT	1
ဂ	LIGHT SWITCH	1
D	FAN SWITCH	1
ш	POWER PLUG	1
П	BACK OF MASTER CONTROL PANEL (SEE ELECTRICAL ROOM	1
ရ	CHLORINE ANALYZER	1
Ŧ	BASEBOARD HEATER	1

SCHEDULE OF DRAWING ELEMENTS

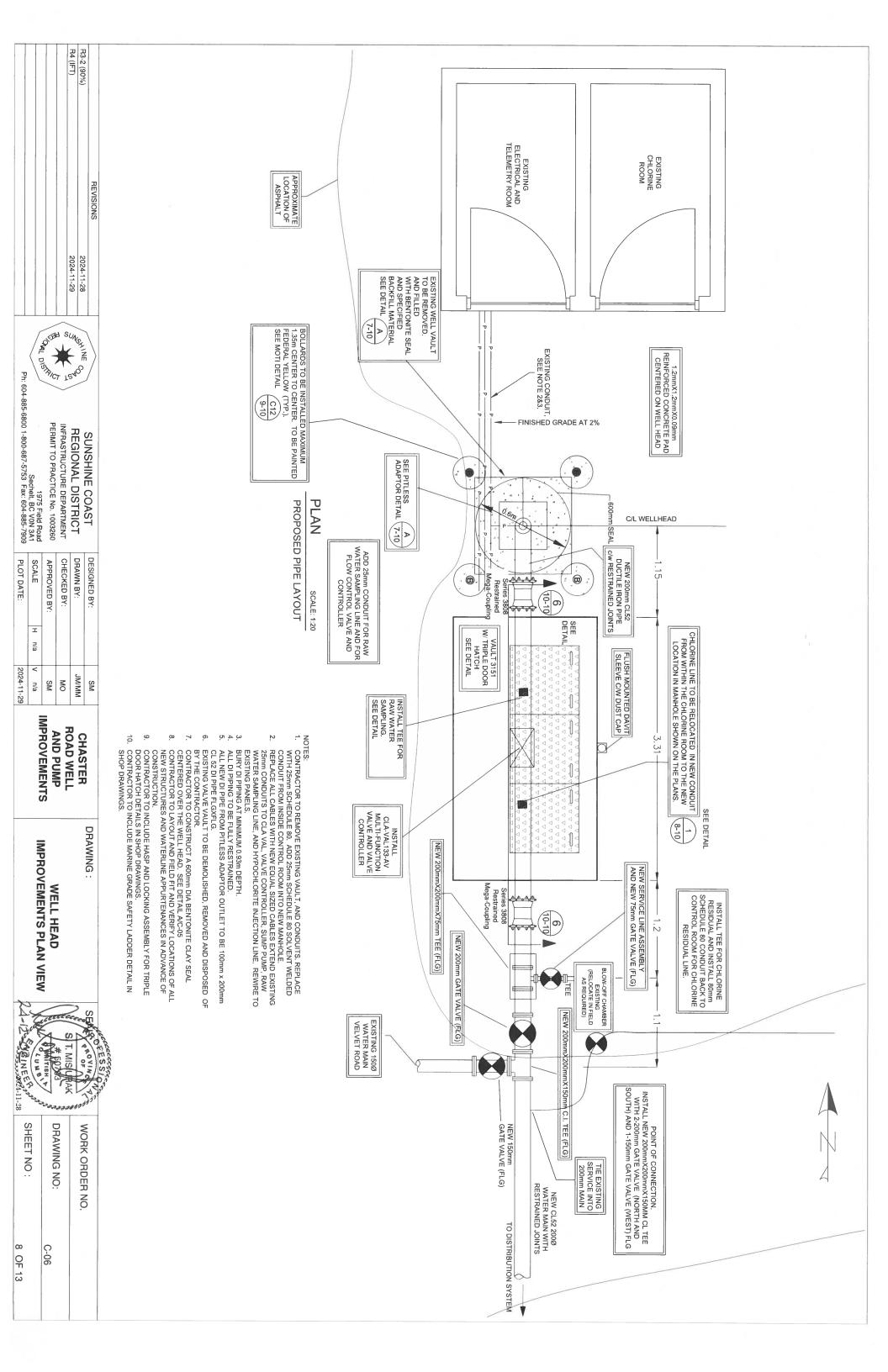
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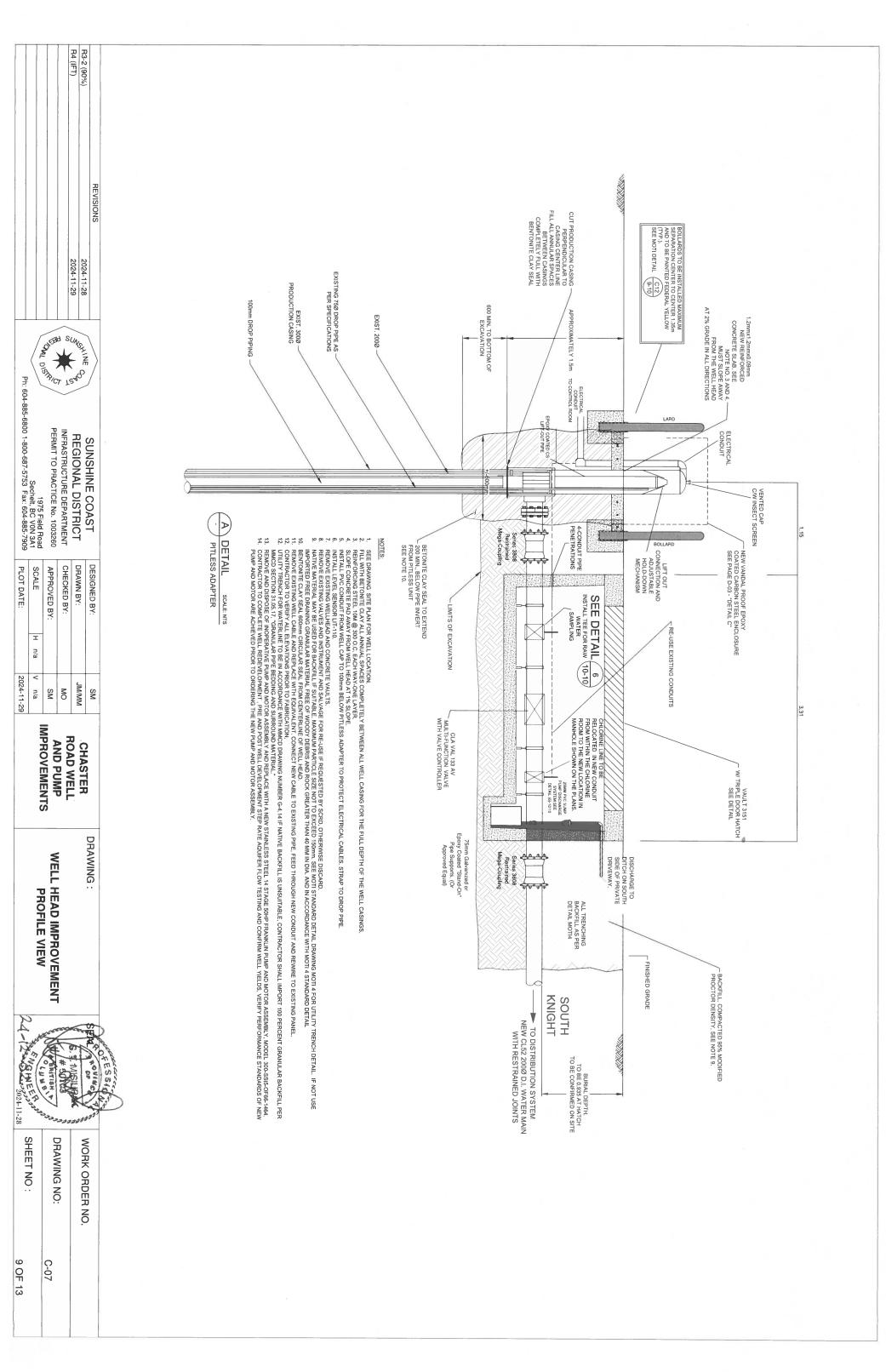
PVC Jacketed Metal Cable

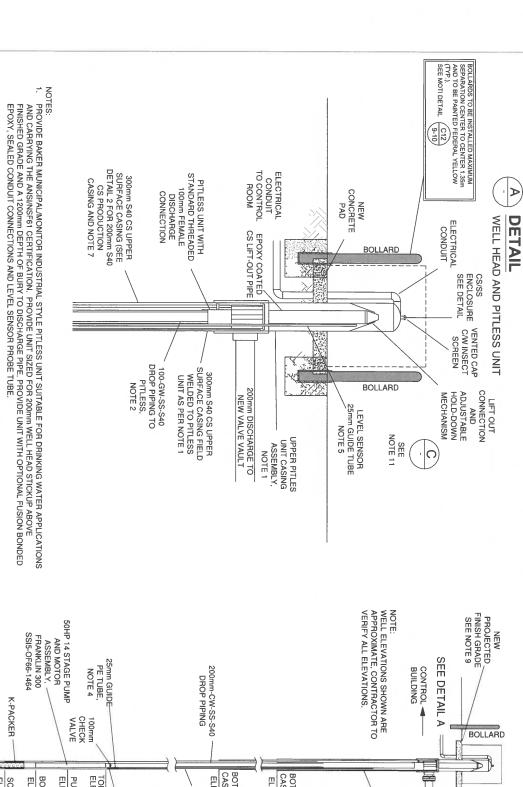
INTERIOR WALL WOOD-GYPROC

		_
	CHLORINE TANK	~
	CHLORINE PUMP	ے
1	CLEAR PLEX-GLASS SHELF	_
QUANTITY	DESCRIPTION	ITEM

~	×	\$	<	_	-	S	ת	۵	ס	0	z	<	= E ≤
SHUTOFF VALVE	SAMPLING TAP	POWER PLUG (CHLORINE PUMP)	PVC CONDUIT TO WELL VAULT	DRAIN TO EXTERIOR OF BUILDING	TEE AND 90° FOR OVERFLOW LINE	CL17 OVERFLOW	CHLORINE SAMPLE LINE SHUTOFF	OVERFLOW WYE	SHUTOFF VALVES	PRESSURE GAUGE	PRV	EYE WASH STATION	DESCRITION
_	_	_	_	_		1	1	_	2	_	_		QUANTITY





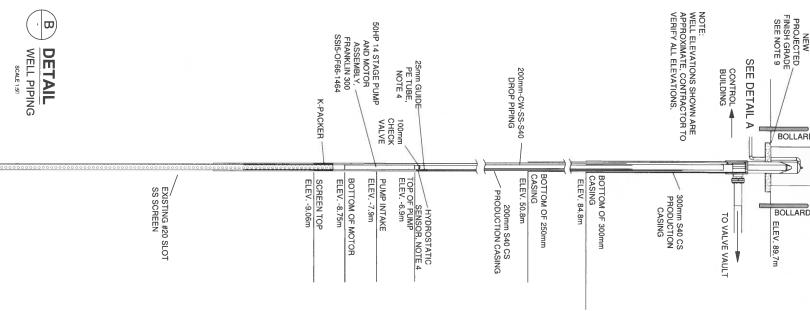


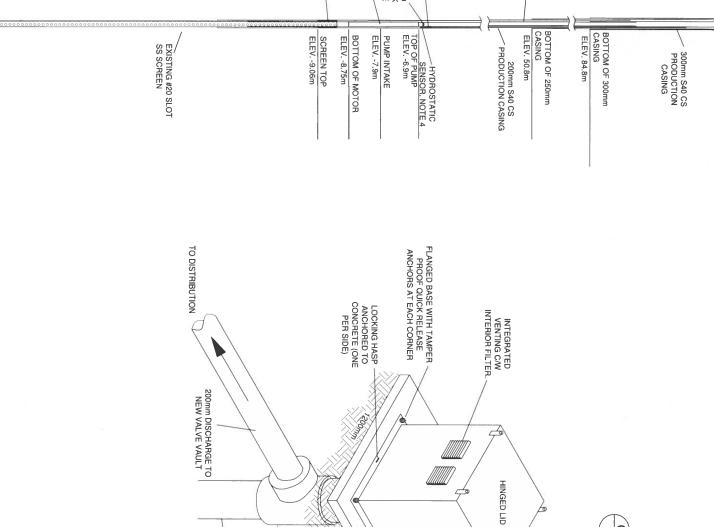
(0)

WELL HEAD KIOSK DETAIL SCALE 1:20

(ONE PER CORNER)

HINGED TOP WELL HEAD ENCLOSURE.





PROVIDE UPPER PITLESS UNIT TO BE FILLET OR BUTT FIELD WELDED TO EXISTING UPPER 200mm S40 CARBON STEEL CASTING. CONTRACTOR SHALL SUBMIT FIELD WELD PROCEDURE SPECIFICATION WITH THE PROPOSED PITLESS UNIT

SHOP DRAWINGS SUBMITTAL.

DROP PIPING SHALL CONSIST OF SCHEDULE 40S TYPE 304L STAINLESS STEEL, STANDARD 6m LENGTH WITH NPT MALE THREADED ENDS, JOINTS SHALL CONSIST OF 150# FORGED THREADED COUPLINGS SEALED WITH NSF61 CERTIFIED PTFE THREADING COMPOUND.

PROVIDE PITLESS 100mm X 200mm ADAPTER WITH GUIDE TUBE CHANNELS, PROVIDE 25MM POLY GUIDE TUBE TO ALLOW EASY ACCESS TO THE HYDROSTATIC LEVEL SENSOR ELEMENT. PROVIDE SPARE 25mm FOR MANUAL LEVEL SOUNDING TUBE THROUGH TOP OF PITLESS ADAPTER WITH END CAP.

PROVIDE LOW PROFILE HYDROSTATIC LEVEL TRANSDUCER SET TO THE ELEVATION INDICATED. PROVIDE SENSOR WITH A 25mm PE OR \$40 PVC GUIDE TUBE AS SHOWN. ADDITIONALLY PROVIDE A LOW-LOW LEVEL FIXED POINT LEVEL PROBE TIED TO DROP TUBE AND SET 3.0m ABOVE PUMP (NOT SHOWN IN DETAIL B).

S40 UPPER SURFACE CASING

PITLESS UNIT

1200mmX1200mmX90mm DEEP
REINFORCED CAST IN PLACE
CONCRETE BASE
(CAST AROUND PITLESS CASING)
CLAY SEAL

ELECTRICAL CONDUIT TO



10.

CONTRACTOR TO VERIFY ALL ELEVATIONS AND DIMENSIONS FOR ALL NEW PIPING AND PITLESS ADAPTOR PRIOR TO EXCAVATION AND FABRICATION.

CONTRACTOR TO RAISE WELL HEAD TOP OF CASING TO BE FLUSH WITH PROJECTED FINISH GRADE OVER CENTERLINE OF WELLHEAD, WITH VAULT REMOVED.

CONTRACTOR TO EXPOSE EXISTING WATER MAIN TO DETERMINE ALIGNMENT AND DEPTHS.

MAXIMUM PUMPING OUTPUT AND CONTROL SET-POINTS WILL BE CONFIRMED DURING COMMISSIONING. THESE WILL BE SET TO ENSURE THE PUMP OPERATES WITHIN ITS ALLOWABLE OPERATING REGION (AOR) BUT ALSO ACHIEVES SUFFICIENT FLOW TO MAINTAIN MOTOR COOLING.

INSTALLATION OF PITLESS UNIT SHALL INCLUDE THE RESTORATION/ENLARGEMENT OF THE SURFACE SEAL IN ACCORDANCE WITH THE BC GROUNDWATER PROTECTION REGULATION.

SEE MMCD STANDARD DRAWING C12 FOR REMOVABLE BOLLARD DETAIL
SEE SUPPLEMENTARY SPECIFICATIONS FOR CONCRETE SLAB SPECIFICATIONS.
CONCRETE TO BE CLASS 3000 CP.ERCOA; CONCRETE 20Mpa.
GRADE SUBGRADE TO INSURE 2% FINISHED CROSS GRADE.

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

1975 Field Road Sechelt, BC V0N 3A1 Ph: 604-885-6800 1-800-687-5753 Fax: 604-885-7909 SCALE CHECKED BY: DRAWN BY: DESIGNED BY APPROVED BY: I n/a 2024-11-29 JM/MM n/a MS MS MO

PLOT DATE:

IMPROVEMENTS ROAD WELL AND PUMP CHASTER BOTTOM OF SCREEN ELEV. -18.8m

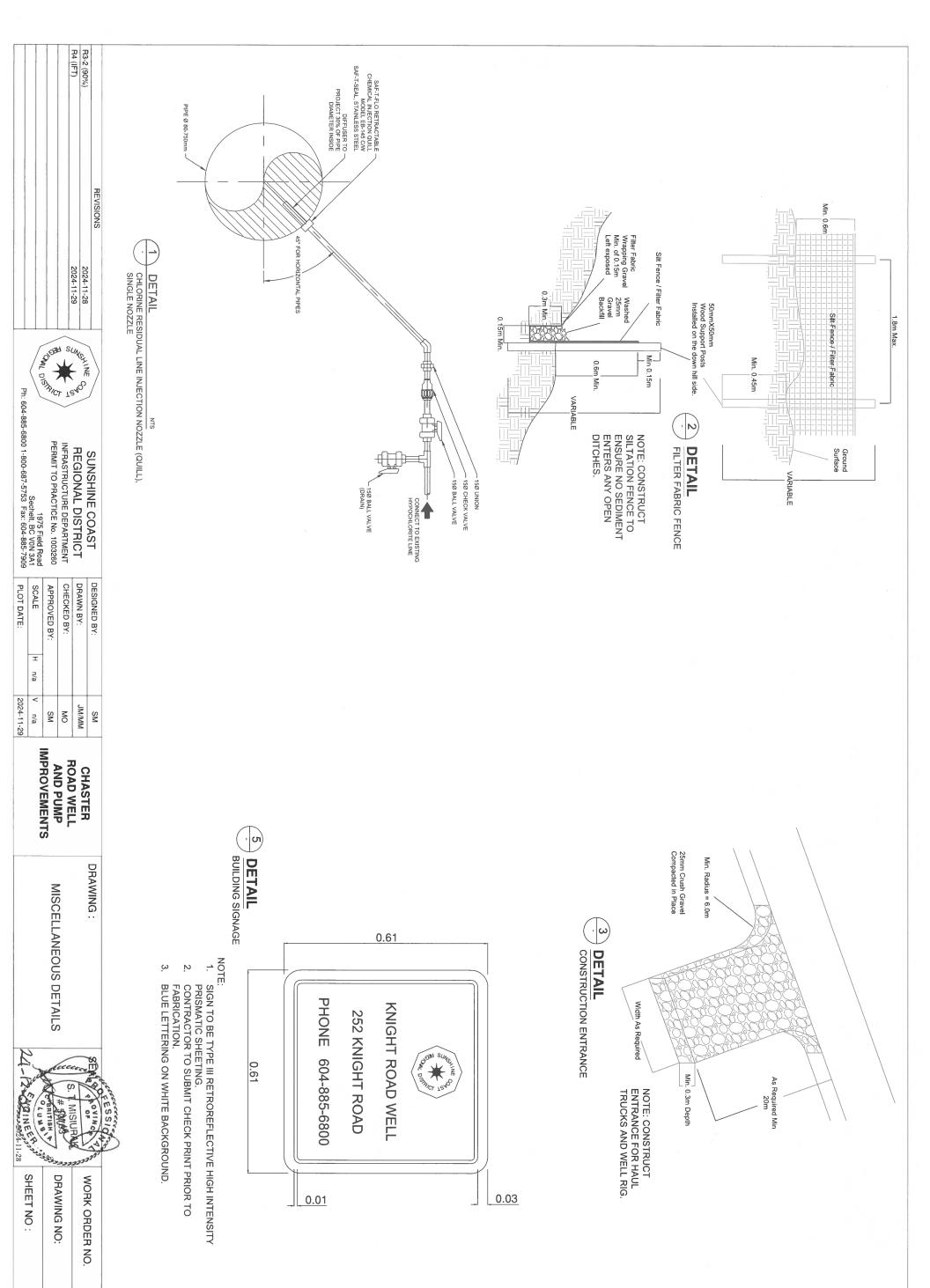
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WELL HEAD DETAILS WEGE E 2024-11-28 SHEET NO:

DRAWING NO: WORK ORDER NO.

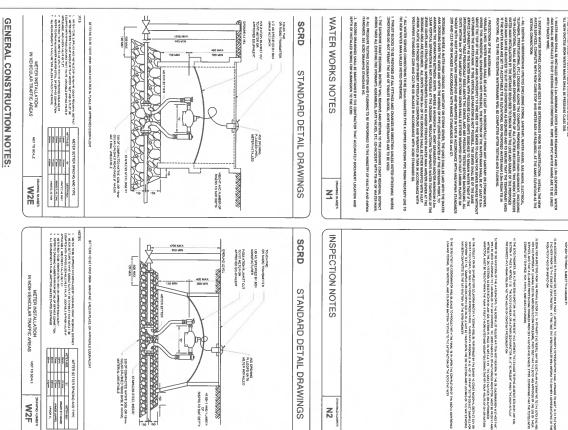
D-01

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D-02



STANDARD DETAIL DRAWINGS

SCRD

STANDARD DETAIL DRAWINGS

POLICIES AND STANDARDS

STANDARD DETAIL DRAWING

MOTI

STANDARD DETAIL DRAWINGS

SCRD

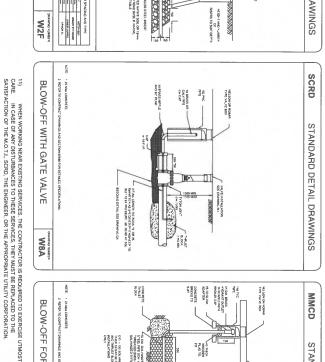
STANDARD DETAIL DRAWINGS

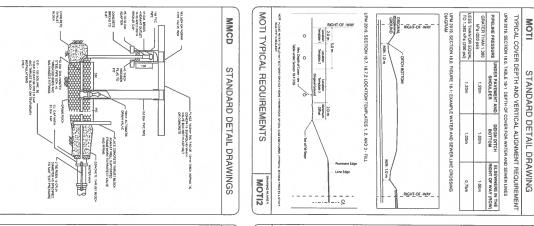
a. Edn jard dan gravizet elavates yn cholaga fapt edny koatala han errokod di ulom gan etde et erro. Hardko, diwiejo fav arolitan yn skoluchan san etdigan apa koa tan and har errokan talekan talees

-WRITTEN APPROVAL FOR THE DESIGN AND CONSTRUCTION PRIOR TO COMMENCEMENT OF ANY TYPE O) INTIN UPPA 2015 & TECHNECAL CIRCULAR 1-06/09 - ENGINEER OF RECORD & REVIEW GUIDELINES (HEREIN T-06/09") POLICY MANUAL 2019 VI. 8) HEREM METER CALLED "UPW 2019")

NEI DES ANGEL PROJECT, LOR WILL EXTENDED AND STEED AND STE

XCAVATION AND BACKFILLING TO BE CARRIED OUT AS PER MOTI, 2016, STANDARD SPECIFICATIONS FOR DISTRUCTION, SECTION 201 & 202 RESPECTIVELY, WITH COMPLIANCE TO UPW 2019, SECTION 25.3

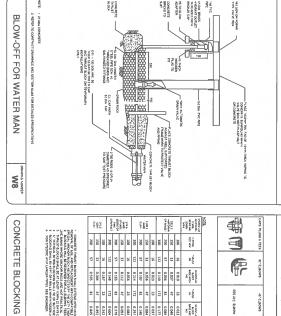


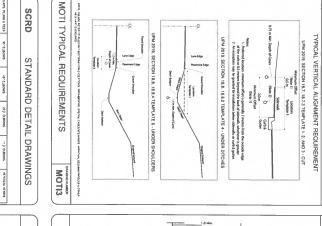


MOTI1

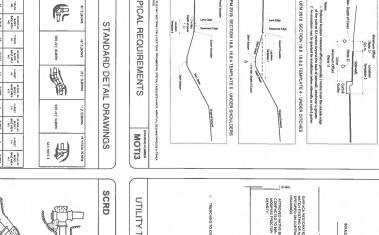
N2

UPM 2019 V1.0





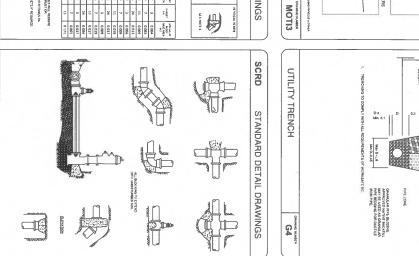
IMPORTED GRAVULAR
BACKFILL COMPACTED TO
95% MODIFIED PROCTOR
DENSITY.



WATER SERVICE CONNECTION

римис исивет W1

25mm Ø TO 50mm Ø CONNECTION



6M Banno chunted			Stockinston			FLEVATION		, and					SOUL	The same		D80	•		None.				RAWINGS
PIPE ANCH	ADIE 1 APPRICANE 1 DAL PRIS MATERIALS 3 USE ALTERNATION OF THE SAS SPECTOR 4 ARPEN TO CONTRACT DRAWNES FOR	#340 - %#8	101.101	201254	15% - 25%	4,00%	SANTARY AM			2000000		450-		150	MARKEN TO STORY		155 SECTION A.A.	2 7	5	150	180	Sale Surveyor	SCRD
PIPE ANCHOR BLOCKS	A MATERIA DO COMBACT DANIMICA CONCESSIONAL DE DISCOSSIONAL DE COMPACTO DANIMACO. TO SAN DE ARRON DOCUMENT IN LASTA SER DESIGNO DENEMBRE DO COCUMULA DANIMACO. TO SAN EL MENTRO DE COMBACT DANIMACO DE SER DE COMBACTO DE COMPACTO DE COMBACTO DE COM	10m	1 Sport	250	NATIVITIES NO THE	BOD'S YAM	SANTARY AND STORN GRANITY SEWERS WATER	P 3100 T 355 EVDOVE GOT MACHOLINE BY DOUGH INTO THE PROPERTY OF THE PROPERTY O	FOH USE IN CLEAN GRAVELS, SANDS, AND O"MERICOSE PERMEARLE VATIVE VATERIALS	WITHWING S			150	AOTH SIDE'S	TANK DEWINSON		WELL COMPACTED VATINE WATFILLS	S ALTENATIVE :		Sads 4000			STANDARD DETAIL DRAWINGS
ВВ Вичино нимея	AN MAXIMILM SHOWN IN TABLE!			_	MATER PATRICE	OF MAX SPACING	WATER MAINS AND FORCEMAINS	116.4	PAME		900			-		POTH SCES	0.25 m ² 25 mm 314,06 i			300	1		AIL DRAWINGS

ВВ Вичения			PIPE ANCHOR BLOCKS	ANCH	PIPE
INDA	I NI NAMONS IN	IF OTHER THAN MAXIMUM	REFER TO COMPRACT DRAWINGS FOR SPECIRED SPACING IF OTHER THAN MAXIMUM SHOWN IN YABILE	TO CONTRACT OR	1 10/0
		HAMPINGS ICONTRACT PRIMMINGS	2 USE ALTERNATIVES 1 ON 2 AS SIFECIFIED OF CONTRACT DIAMWAGS 3 USE 20 MPA CONCRETE LAKESS SIFECIFIED OTHERMISE ON CONTRACT PROMINING	TERMATIVES 1 ON	2 USF A
			\$ PWM-6 LVPM	WHATEVALE IO YT HUE WYLENING	PPL 1 AIDN
L			1000	SON - CASE	
_			1500	101 - 102	
_			2500	20135%	
	1001	PALYZED NO 7-01	254	15% - 20%	
240	MAX SPACING	3.00%	MAX SPACING	43075	
	CONCENTANCE	WATER MANY AND FORCEMANS	SANTARY AND STORN GRANTY SENERS	SANTARY AND S	

W8

THRUST BL

OCK LOCATIONS

MMCD

STANDARD DETAIL DRAWINGS

ALL CONSTRUCTION MATERIALS AND WORK MUST ADHERE TO THE LATEST STANDARDS AND PEICATIONS SET BY THE MINISTRY OF TRANSPORT TATION AND INFORTRICUTURE MO.T.I.). SHIRE COAST REGIONAL DISTRICT (SCRD), MASTER MANUERA, CONSTRUCTION WENT/MACC), DE BUILDING CODE, AND BC PILMBING CODE, THE ENGMEER MUST INSPECT ASTRACE OF THE CONSTRUCTION PROCESS AND ALL MO.T.I. AND SCRID REGUIREMENTS TAKE

DURING THE CONSTRUCTION PROCESS, IT IS IMPORTANT TO ENSURE THAT ALL EXISTING SER MAIN OPERATIONAL.

48 HOURS BEFORE ANY CONSTRUCTION TAKES PLACE WITHIN ROAD ALLOWANCES AND RIGHT OF S. THE CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE APPROPRIATE APPROVING AUTHORITY

COMPLETING ALL WORK TO THE SATISFACTION OF ORY AUTHORITY, ADDITIONALLY, THE

CONTRACTOR TO CONTACT AND INFORM ALL HOMEOWHERS IMPACTED BY THE CONSTRUCTION AT AST FOUR WEEKS IN HOVANCE, RETIREATE THE NOTIFICATION TO THOSE HOMEOWNERS FECTED BY THE WORK 48 HOURS BEFORE THE COMMENCEMENT OF THE WORK.

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

THE ENGINEER MUST BE INFORMED BY THE CONTRACTOR DURING THE FOLLOWING PHASES OF THE DICTION EXCHEDULE.

DELIVERY OF MATERIALS TO THE SITE DELIVERY OF MATERIALS TO THE SITE
NITIAL INSTALLATION OF WATER MAIN PRIOR TO BACKFILLING
GRADING OF ROAD SURFACES PRIOR TO PAVING

RIOR TO COMMENCING CONSTRUCTION, THE CONTRACTOR MUST ENSURE ALL NECESSARY.

PPROVALS AND PERMITS FROM THE APPROPRIATE AUTHORITIES AND AGENCIES ARE IN PLACE FOR THE PROPOSED WORKS

PRIOR TO STARTING CONSTRUCTION, A PRE-CONSTRUCTION MEETING WITH THE ENGINEER, :TOR, M.O.T.I. AND SCRD IS NECESSARY.

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

BEFORE ENGAGING IN ANY WORK IN ANDIOR AROUND TREES, THE CONTRACTOR IS TO CONTACT
SYS DEPARTMENT OF THE MUNICIPALITY, IT IS CRITICAL TO RRESERVE THE DESIGNATED
F WORKING NEAR A DESIGNATED TREE OR RECOLOMIFERING ROOTS. THE CONTRACTOR MUST
WICE FROM A CERTIFIED ARBORIST TO PREVENT ANY HARM TO THE TREES.

AND PROCIMENTE LOCATION OF EXISTING UTILITIES BUT HAS TO RE COMPATE. AND TAL UTILITIES MAY BE SHOPMA. NO INFORMATION BEFORE CONSTRUCTION BEEING, THE MIGHAND EXPOSING ALL EXISTING UTILITIES AT ALL TIEM TIME AND EXPOSING ALL EXISTING UTILITIES AT ALL TIEM SAMY ANAISE DUPING THE PROPOSED WORKS, AND IN SAMY ANAISE DUPING LOTERACTOR MUST IMMEDIATELY LOCATION OF THE PROPOSED STANCE FOR THAT OF THE PROPOSED STANCE OF

				REVISIONS
		2024-11-29	2024-11-28	
)EE	\ \ \ \ \	SUR] /CHIN	

R4 (IFT) R3-2 (90%)



PERMIT TO PRACTICE No. 1003260 SUNSHINE COAST REGIONAL DISTRICT

1975 Field Road Sechelt, BC V0N 3A1 Ph: 604-885-6800 1-800-687-5753 Fax: 604-885-7909 DRAWN BY: CHECKED BY: APPROVED BY:

PLOT DATE:

2024-11-29

SUB-CONTRACTORS ARE NOT ALLOWED TO COMMUNICATE DIRECTLY WITH THE ENGINEERS EGARDING ANY CONTRACTUAL OR TECHNICAL ISSUE, INSTEAD, THEY SHOULD DIRECT DESIGNED BY: n/a JM/MM MO MS MS n/a

IMPROVEMENTS CHASTER ROAD WELL **AND PUMP**

DRAWING:

AND GENERAL NOTES

STANDARD DETAILS

23) PRORT TO BEGINNING THE CONSTRUCTION, WRITTEN APPROVAL FROM THE ENGINEED OBTAINED FOR ANY MATERIAL SUBSTITUTIONS AND/OR CHANGES IN DESIGN HOTHERATIONS CHANGES IN DESIGN HOTHER APPROPRIETE ANY SUBSTITUTIONS AND/OR CHANGES IN DESIGNS HOULD BE GIVEN TO THE APPROPRIETE APPROVING AUTHORITY. IN CASE OF A CHANGE IN DESIGN, A DRAWING REVISION WILL BE

MUST BE

AHEAD OF TIME

IT IS MANDATORY TO SAFEGUARD ALL SURVEY MONUMENTS, BENCHMARKS AND LEGAL PINS AND CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE CAUSED BY THEIR NEGLIGENCE AT

ANY CONSTRUCTION WORK IN OR NEAR A WATERCOURSE NECESSITATES APPROVAL MITHER PROVINCIAL MINISTRY OF EXURIONMENT ANDIOR THE FEDERAL DEPARTMENT OF FERIES AND OCEANS CANADA, AS APPLICABLE.

20) IF NO UPGRADES ARE PROPOSED UNDER THIS CONTRACT. THE CURRENT ROADWAY MUST STAY CLEAN AND OPEN THROUGHOUT THE CONSTRUCTION PERIOD, AND MUST REMAIN THE SAME STATE AS BEFORE CONSTRUCTION BEGAN.

VTRACTORS SURVEYOR IS RESPONSIBLE FOR RECORDING AND CERTIFYING DUIRED FOR THE ENGINEER TO PROVIDE A COMPLETE SET OF AS-CONSTRU-DING CENTERLINE, FOG LINE, EDGE OF ASPHALT, SIGNS, AND ALL

THE CONTRACTOR MUST MANAGE TRAFFIC, PROVIDE SIGNS, BARRIERS, DELINEATORS ARY MARRING DEVICES TO PRESERVE THE FLOW OF VEHICLES AND PEDESTRIANS, IN N TO ENSURING EMERGENCY YEMICLE ACCESSIBILITY, A TRAFFIC MANAGEMENT FLAN

SHEET NO: DRAWING NO:

WORK ORDER NO

REMOVABLE BARRIER POST

D-03

12 OF 13

			V /	R4 (IFT)	R3-2 (90%)	
				2024-11-29	2024-11-28	REVISIONS
Ph: 604-885-6800 1-800-687-5753 Fax: 604-885-7909	Sechelt, BC V0N 3A1	PERMIT TO PRACTICE No. 1003260	<u> </u>	/ W REGIONAL DISTRICT		SI INSHINE COAST
PLOT DATE:	SCALE H n/a	APPROVED BY:	CHECKED BY:	DRAWN BY:		DESIGNED BY:
2024-11-29	V n/a	SM IMPROVEMENTS	MO NO STATE OF THE PROPERTY OF		CHASTER	MS
		VALVE VAULI DEI AILS				DRAWING :
A- ZAO: NE 754-11-28	TONO TONO	CCC.	S. T. MISIOTA	See Contraction of the Contracti	A A O CA A	Star Start Start
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13 OF 13		D-04				

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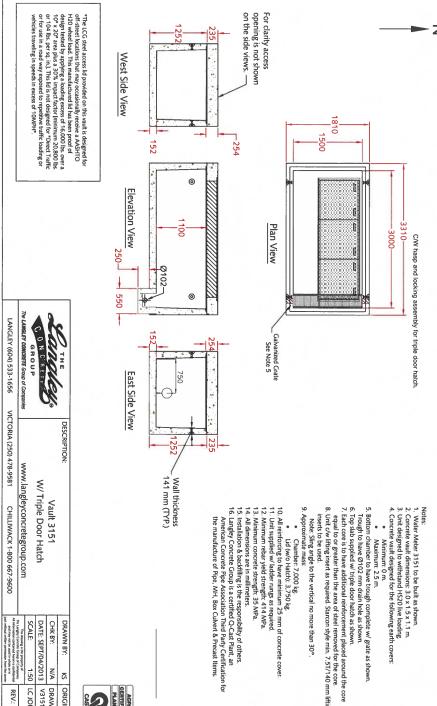
LANGLEY (604) 533-1656

CAST PLANT

DETAIL

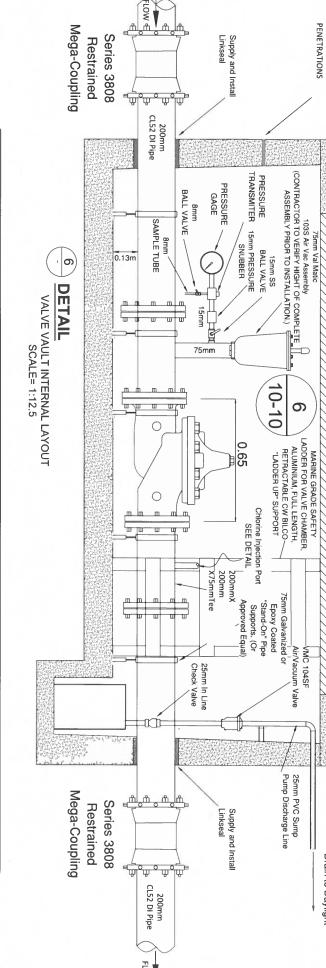
VALVE VAULT SCALE= NTS





equal to or greater than the area of steel removed to 8. Unit C/w lifting insert as required. Starcon style min. 7 inserts to be used. Note: Simg angle to the vertical no more than 30°. 9. Approximate mass:

Bottom chamber to have trough complete w/ grate as shown.
 Trough to have 2010 2 mm of ain hole as shown.
 Trough to have 2010 2 mm of ain hole as shown.
 Tog sha supplied w triple door hatch as shown.
 Tog sha supplied wit triple door hatch as shown.
 Teach core is to have additional reinforcement placed around the core equal to or greater than the area of steel removed for the core equal to or greater than the area of steel removed for the core.
 Unit Cw litting insert as required. Starcon style min. 7.51/140 mm lifting insert as required.



4-CONDUIT PIPE PENETRATIONS

2% Grade

VAULT 3151
W/ TRIPLE DOOR HATCH
COMPLETE WITH HASP AND LOCKING ASSEMBLY

Vault to be Flush with Finished Grade

2% Grade

Drain to Daylight