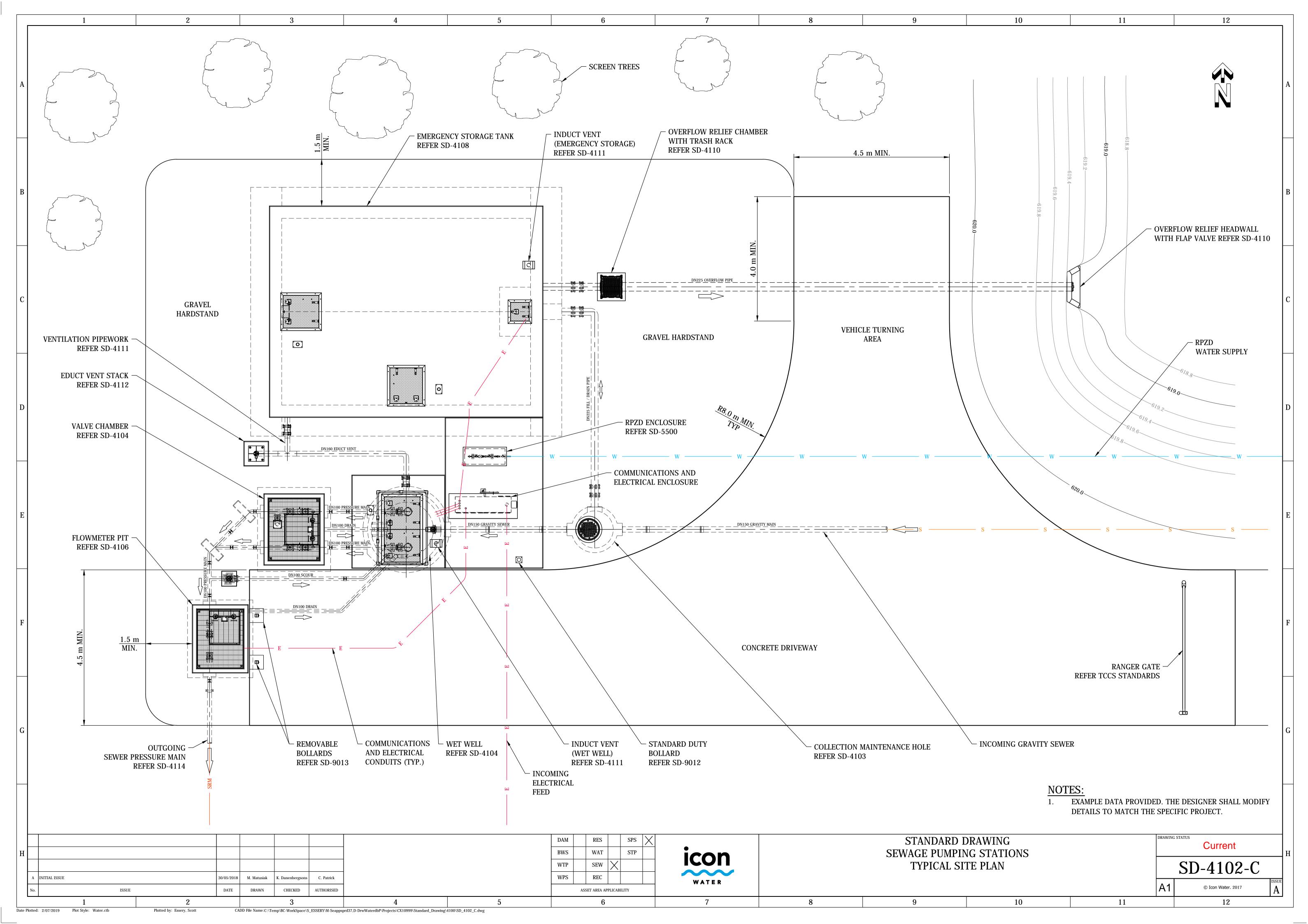
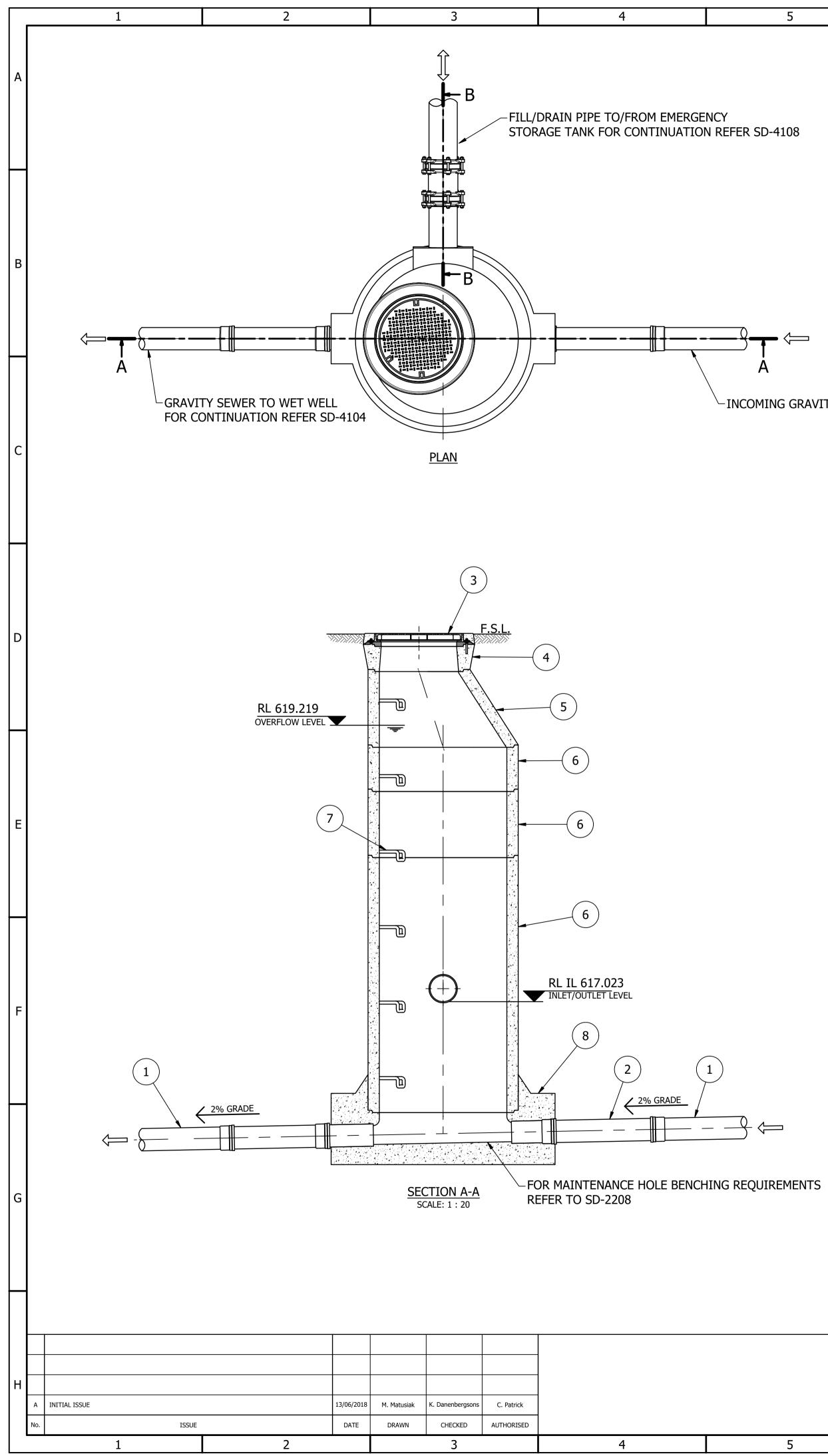


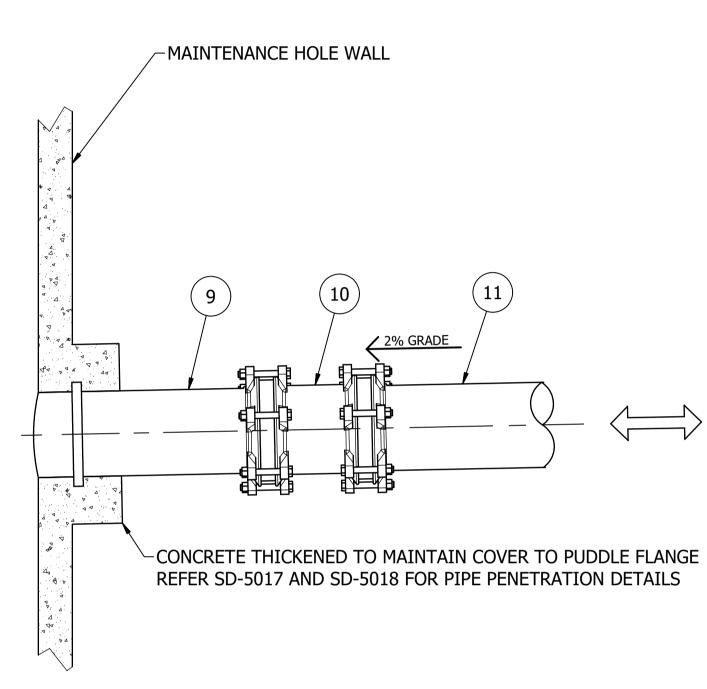
	DAM BWS WTP WPS	RES WAT SEW REC ASSET AREA A	PPLICABI	SPS STP	×	icon WATER		STANDARD E SEWAGE PUMPIN TYPICAL HYDRAU	IG ST
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					PARTS	LIST	
			ITEM		DESCRIPTION		QTY
			1	DN150 DICL INCOMING GRA	VITY SEWER		N/A
			2	DN150 DICL ROCKER PIPE			1
			3	CLASS D (TRAFFICABLE) MA	INTENANCE HOLE COVER AND	FRAME (BOLT DOWN), REFER SD-22	04 1
108			4	MAKE-UP RING, REFER SD-2	207		1
			5	STRAIGHT BACK TAPER, REF	FER SD-2207		1
			6	SHAFT SECTION, REFER SD-	-2207		VARIES WITH DEPTH
			7	STEP IRON, REFER SD-8108			VARIES WITH DEPTH
			8	MAINTENANCE HOLE BASE,	REFER SD-2201		1
			9	DN225 PN6.3 SDR26 PE100	FILL/DRAIN PIPE C/W FACTORY	FITTED PUDDLE FLANGE	1
			10	DN200 MECHANICAL COUPL	ING		1
			11	DN225 PN6.3 SDR26 PE100	FILL/DRAIN PIPE		1
			22				1
			23				1

└─INCOMING GRAVITY SEWER



SECTION B-B

EMERGENCY STORAGE FILL/DRAIN PIPE CONNECTION SCALE: 1 : 10

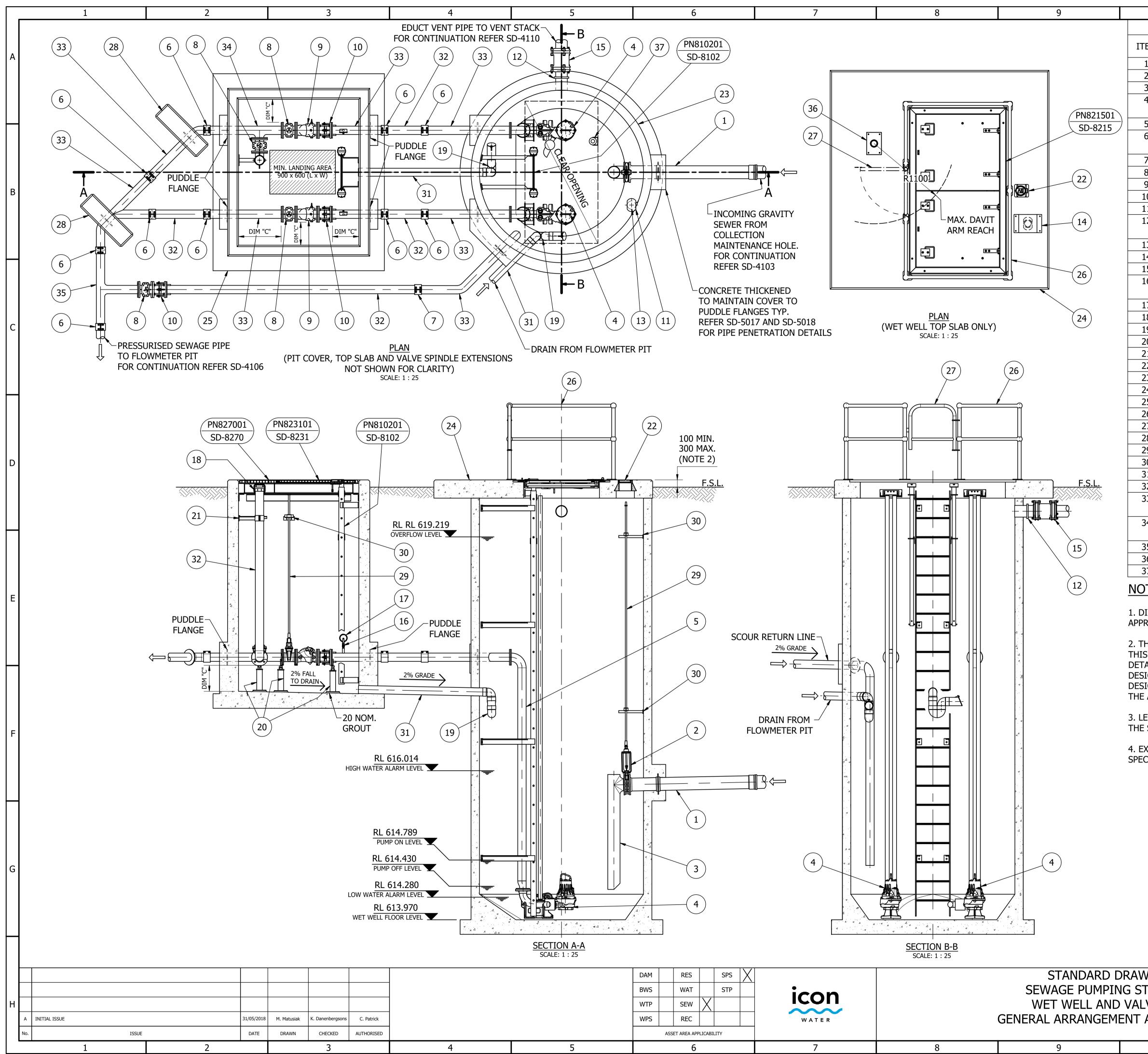
NOTES:

1. MAINTENANCE HOLE CONSTRUCTION MAY BE PRECAST OR CAST IN SITU (PRECAST SHOWN). FOR ADDITIONAL MAINTENANCE HOLE DETAILS REFER TO SD-2200 SERIES OF DRAWINGS. 2. EXAMPLE DATA PROVIDED. THE DESIGNER SHALL MODIFY DETAILS TO MATCH THE SPECIFIC

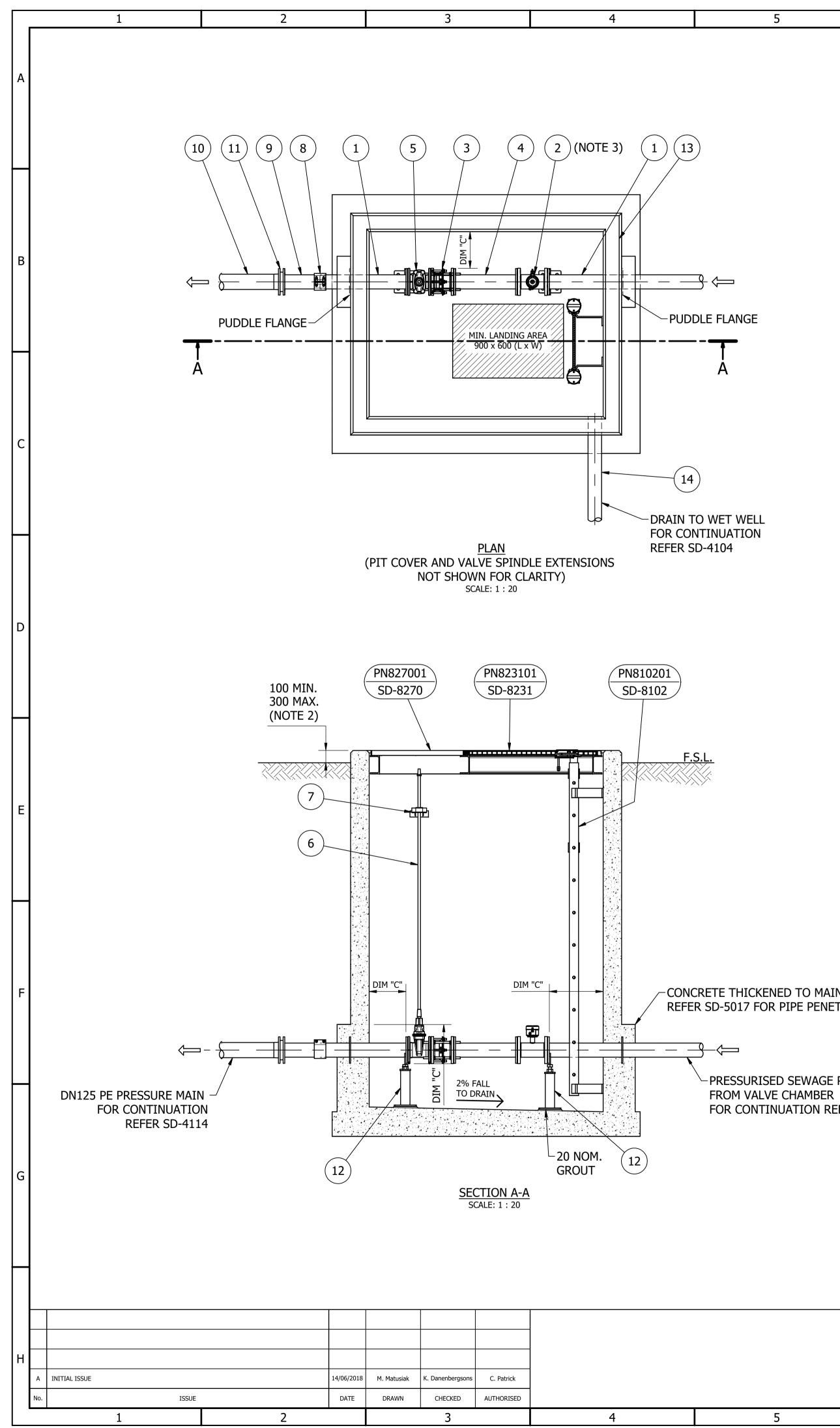
PROJECT.

	DAMRESSPSXBWSWATSTP			STANDARD D SEWAGE PUMPIN			rawing status Current
	WTP SEW X			COLLECTION MAINTENANCE HOLE GENERAL ARRANGEMENT AND DETAILS			SD-4103-C
	ASSET AREA APPLICABILITY						A1 © Icon Water 2017
5	6	7	8	9	10	11	12

WING STATIONS		drawing status Current			
NANCE HOLE F AND DETAILS			SD-4103-C		
I AND DETAILS		A1	© Icon Water 2017	ISSUE A	
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		PARTS LIST				
					ΟΤΥ	
ΈM		DESCRIPTION			QTY	Α
1	DN150 DICL INLET				1	
2 3	DN150 KNIFE GATE				1	
3 4		EWER DROPPER PIPE IP, SUBMERSIBLE (ONE UN			1	
7	FLUSH VALVE)	IF, SUDMERSIDEE (UNE UN	11 3		2	
5		5 PUMP RISER PIPE			2	
6	DN100 MECHANICA	AL COUPLING, NON AXIALL	Y RE	STRAINED, C/W	10	
	CENTRE LIMIT STO	P				
7	MECHANICAL COUR	PLING, AXIALLY RESTRAIN	ED		1	
8 9	DN100 GATE VALV				4	
	DN100 CHECK VAL				2	В
LO		ANGED DISMANTLING JOI	NT		3	
1 12	DN100 PVC AIR AD	6 PE100 VENT PIPE C/W F			1	
LZ	PUDDLE FLANGE		ACI	JRITITLD	L	
13	DN100 PVC-U VEN	ΓΡΙΡΕ			1	
.4	SS INDUCT VENT C				1	
L5	DN125 MECHANICA	AL CONNECTOR			1	
16	DN15 BALL VALVE,	BRASS BODY, BALL CERTI	FIED	TO WATER MARK	2	
	CIM 11CR					
L7	DIA 100 PRESSURE				2	
18	DN100 KAMLOK FE				1	
19		NNECTOR TRAP WITH FLA			2	C
20		E PIPE SUPPORT (FLANGE	MOL	JNTED)	5	
21	DN100 SS WALL MO DI VALVE COVER	OUNTED PIPE SUPPORT			1 2	
22 23		MBER (PRECAST OR CAST			2	
25		SLAB (PRECAST OR CAST		•	1	
24 25		MBER (PRECAST OR CAST			1	
26	WEBFORGE HANDR	\			1	1
27		LOSING GATE 750 C/O (NO	DTE 2	2)	1	1
28		T BLOCK (REFER SD-5003)		,	2	
29	SS VALVE SPINDLE				4	1
30	SS VALVE SPINDLE	EXTENSION BRACKET			5	D
31	DN100 PVC-U DRA	IN PIPE			2	
32	DN100 SCHED 40S	316 SS PIPE			6	
33		316 SS PIPE C/W FACTOR	Y FIT	ITED PUDDLE	8	
	FLANGE					-
34		316 SS PIPE C/W FACTOR	Y FIT	ITED PUDDLE	1	
	FLANGE AND FLAN					
35		316 SS PIPE WITH FLANG			1	
36 37		IOUNT' DAVIT SLEEVE, CA DAR OR ULTRASONIC (NO			1	
	· · ·	DAR OR OLINASONIC (NO)	L	
TES	<u>5:</u>					-
			.			E
) and shall be no less " Om the Icon water prin			IEN	
KUVA	L 15 ODTAINED FRO			AL LINGINELK.		
HE DI	ETAILS RELATING T	O ACCESS/EGRESS AND H	EIGH	IT SAFETY AS DEPIC	TED ON	
		AD IN CONJUNCTION WIT				
		PECIFICATIONS STD-SPE- PROJECT SPECIFIC (ISSUE				
		BASED ON THIS DRAWING				
	VE-MENTIONED SPE					
	SENSOR TO BE POS SORS BEAM.	SITIONED WHERE THERE A	KF V	NO ORSTRUCTIONS	BELOW	
JENS						F
). THE DESIGNER SHALL M	IODI	FY DETAILS TO MAT	CH THE	
CIFIC	PROJECT.					
						G
VIN	1		ORAWING	G STATUS		1
				Current		
	IONS	-				
				SD-4104	(H
ane	D DETAILS	+	۸ ۱		ISSUE	1
			A1	© Icon Water 2017	A	
	10	11		12		



		-	-			
5	6	7	8	9		
				ITEM		
				1	DN100 SCHE	D 40S
				2	ELECTRO-MA	AGNETI
				3	DN100 DOU	BLE FLA
				4	DN100 SCHE	D 40S
				5	DN100 GATE	E VALVE
				6	SS VALVE SP	'INDLE
				7	SS VALVE SP	'INDLE
				8	MECHANICA	L COUP
				9	DN100 - DN1	125 SCH
				10	DN125 PN16	PE100
				11	STAINLESS S	STEEL B
				12	DN100 ADJU	ISTABLE
				13	CONCRETE \	JALVE P
				14	DN100 PVC-	U DRAII
				NOTI	ES:	

1. DIM "C" EQUALS DN + 150 AND SHALL BE NO LESS THAN 300 UNLESS WRITTEN APPROVAL IS OBTAINED FROM THE ICON WATER PRINCIPAL ENGINEER.

2. THE DETAILS RELATING TO ACCESS/EGRESS AND HEIGHT SAFETY AS DEPICTED ON THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE REQUIREMENTS DETAILED IN ICON WATER SPECIFICATIONS STD-SPE-G-008 AND G-009. THE DESIGNER SHALL PRODUCE PROJECT SPECIFIC (ISSUED FOR CONSTRUCTION) DESIGNS AS APPROPRIATE BASED ON THIS DRAWING AND THE REQUIREMENTS OF THE ABOVE-MENTIONED SPECIFICATIONS.

3. FLOWMETER TO HAVE A MINIMUM OF 5D OF STRAIGHT PIPE UPSTREAM AND 3D OF STRAIGHT PIPE DOWNSTREAM (FREE FROM DISMANTLING JOINTS AND OTHER FITTINGS) WHERE "D" EQUALS THE NOMINAL DIAMETER OF THE PIPE.

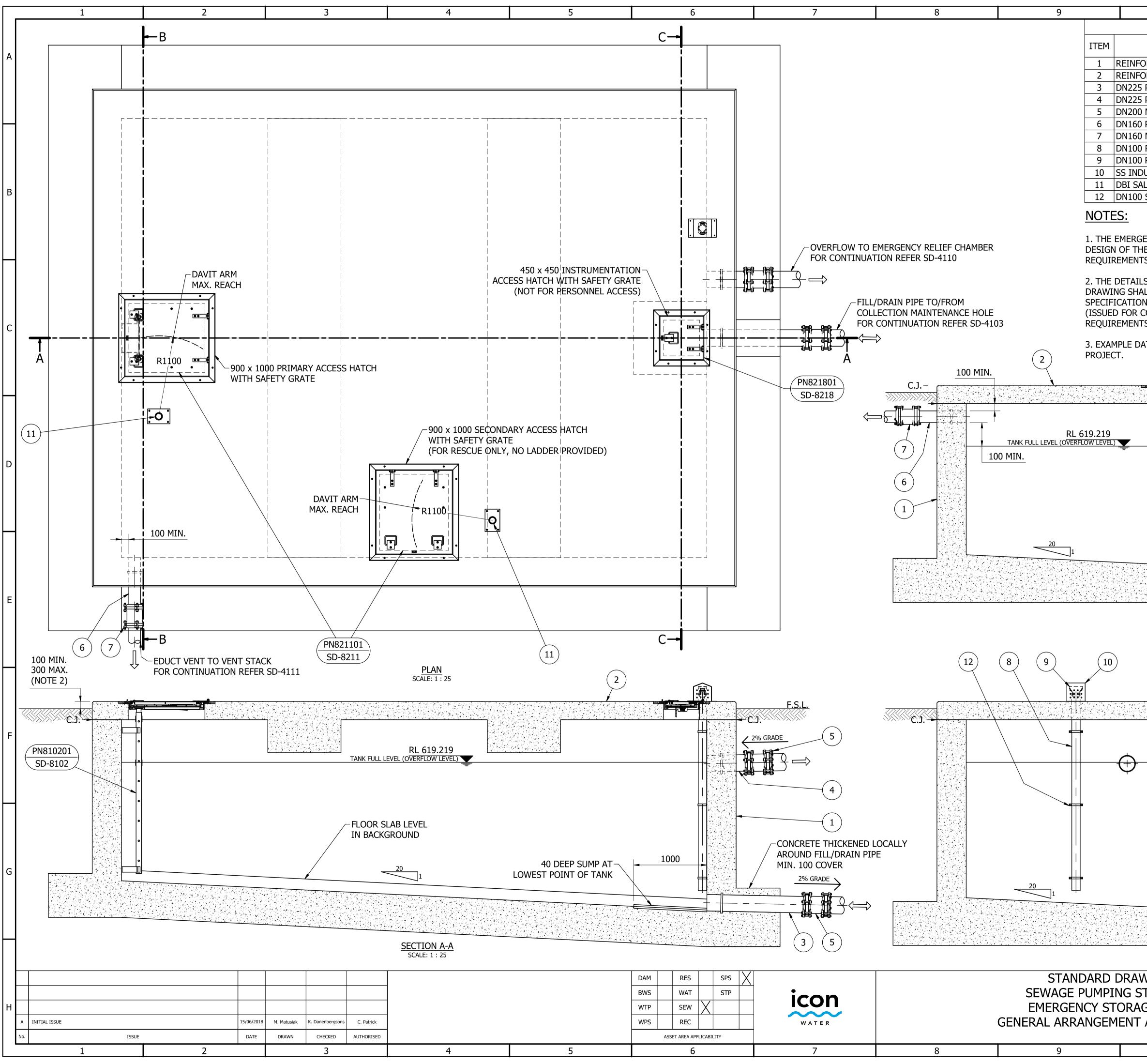
4. EXAMPLE DATA PROVIDED. THE DESIGNER SHALL MODIFY DETAILS TO MATCH THE SPECIFIC PROJECT.

-CONCRETE THICKENED TO MAINTAIN COVER TO PUDDLE FLANGE REFER SD-5017 FOR PIPE PENETRATION DETAILS

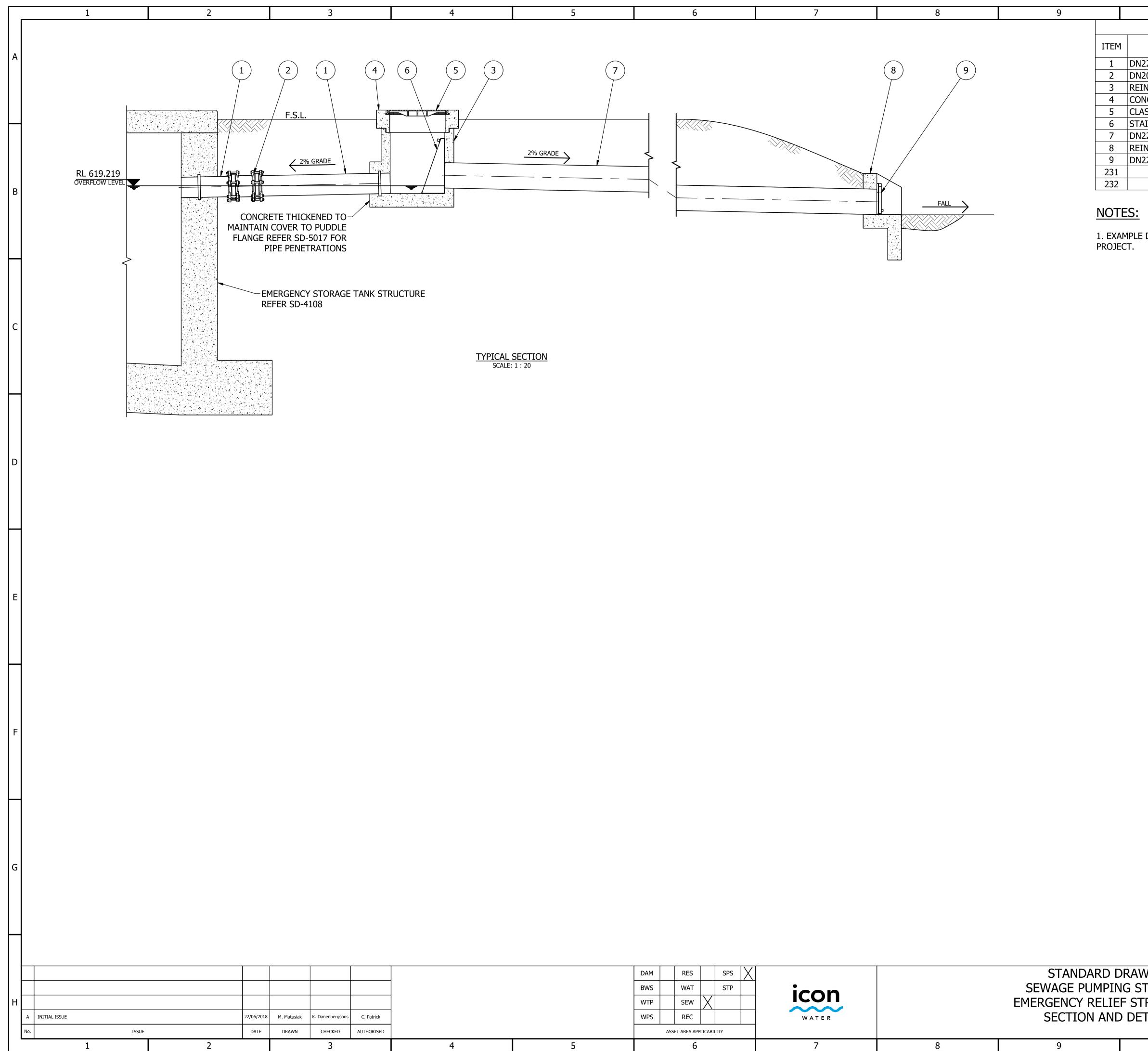
> - PRESSURISED SEWAGE PIPE FOR CONTINUATION REFER SD-4104

	DAM RES BWS WAT WTP SEW WPS REC	SPS > STP CABILITY	water		STANDARD SEWAGE PUMP FLOWME GENERAL ARRANGE	ING STATIONS TER PIT	DRA A	WING STATUS Current SD-4106-C 1 © Icon Water 2017	ISSUE A
5	6		7	8	9	10	11	12	

10	11	12				
P	ARTS LIST					
	DESCRIPTION		QTY	^		
316 SS PIPE C/W FACTO	DRY FITTED PUDDLE FLANGE		1	Α		
TIC FLOWMETER, FULL BORE TYPE (NOTE 3) 1						
ANGE DISMANTLING JOINT 3						
S 316 SS FL-FL SPOOL PIECE						
/E			1			
E EXTENSION			1			
E EXTENSION BRACKET			1			
PLING, AXIALLY RESTRA	INED		1			
CHED 40S 316 SS PIPE W	ITH CONCENTRIC REDUCER AN	ID DN125 TABLE D FLANGE	1			
0 SDR11 PRESSURE MAIN	N WITH PE STUB FLANGE		1			
BACKING RING			1	В		
LE PIPE SUPPORT						
PIT (PRECAST OR CAST	IN SITU)		1			
NIN PIPE			1			



10	11		12		r
	PARTS LIST			OT) (
	DESCRIPTION			QTY	А
DRCED CONCRETE EMERC	SENCY STORAGE TANK ROC)F SI	_AB	1	
	/DRAIN PIPE C/W FACTORY RFLOW PIPE C/W FACTORY			1	
MECHANICAL CONNECTO	DR			2	
MECHANICAL CONNECTO			ITTED FODDLE FLANGE	1	
PVC-U INDUCT VENT PIP PVC AIR ADMITTANCE V				1	
UCT VENT COVER				1	
LA 'FLUSH MOUNT' DAVI' SS PIPE SADDLE	I SLEEVE, CAST IN			2 3	В
ENCY STORAGE TANK ST	RUCTURE SHOWN IS INDIC		VE ONLY. FULL STRUCTU	RAL	
E TANK AND ROOF SLAB	MUST BE PROVIDED TO SP	ECI	FIC PROJECT/SITE		
	EGRESS AND HEIGHT SAFE		S DEPICTED ON THIS		
LL BE READ IN CONJUNC	TION WITH THE REQUIREM G-009. THE DESIGNER SHAL	1EN ⁻	IS DETAILED IN ICON WA		
CONSTRUCTION) DESIGN	S AS APPROPRIATE BASED				
S OF THE ABOVE-MENTI					С
ATA PROVIDED. THE DES	IGNER SHALL MODIFY DETA	AILS	TO MATCH THE SPECIFIC	-	
			F	=.S.L.	
					D
			第二、第二、第二、第二、第二、第二、 2、二、二、二、二、二、二、二、二、二、二、二、二、二、二、二、二、二、二		
	1				
<u>SECTION B-B</u>	<u> Senti La Constana Senti Indereza de La son.</u>		s, de la sala la segue de puesto de la secto. N	an a	E
SCALE: 1 : 25					
			F	=.S.L.	
	an an taon an	<u>[. 7 ,4 .</u>		~~>>`	F
	L 619.219				
TANK FULL LEVEL (OVI					
1000					G
40	20				0
		4 .			
SCALE: 1 : 25					
WING	DR	RAWING	status Current		
TATIONS GE TANK			SD-4108-C		Н
AND DETAILS			JU-4100-C	ISSUE	
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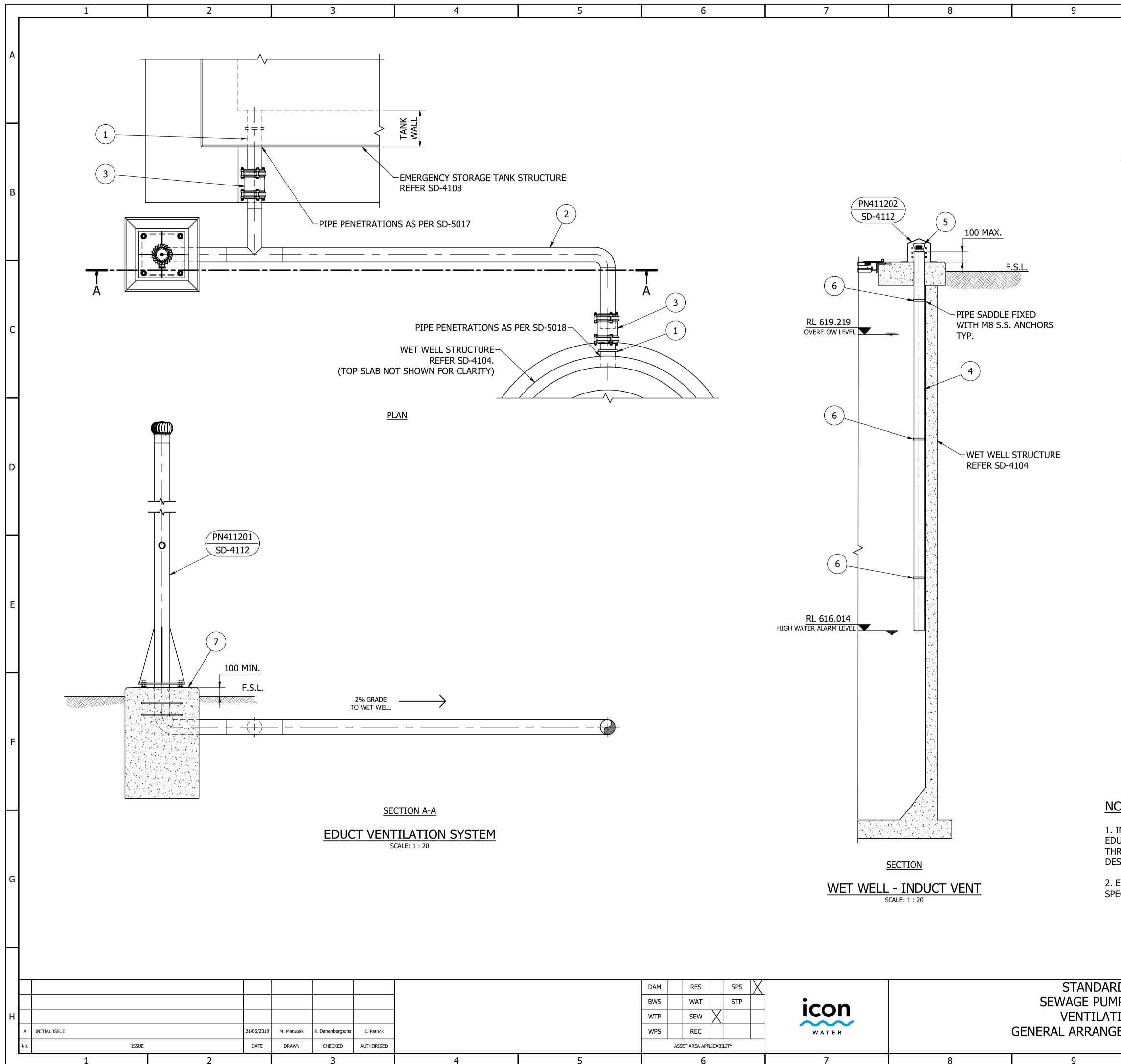


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ļ.	ASSET AREA APF	LICABILI	TY						A1	© Icon Water 2017	Â
WPS	REC			WATER	SEWAGE PUMPING STATIONS EMERGENCY RELIEF STRUCTURES SECTION AND DETAILS			-			ISSUE
WTP	SEW	Х		icon					SD-4110-C	H	
BWS	WAT		STP	icon				Current			
DAM	RES		SPS X			STANDARD E	DRAWING	1	DRAWING ST	TATUS Current	

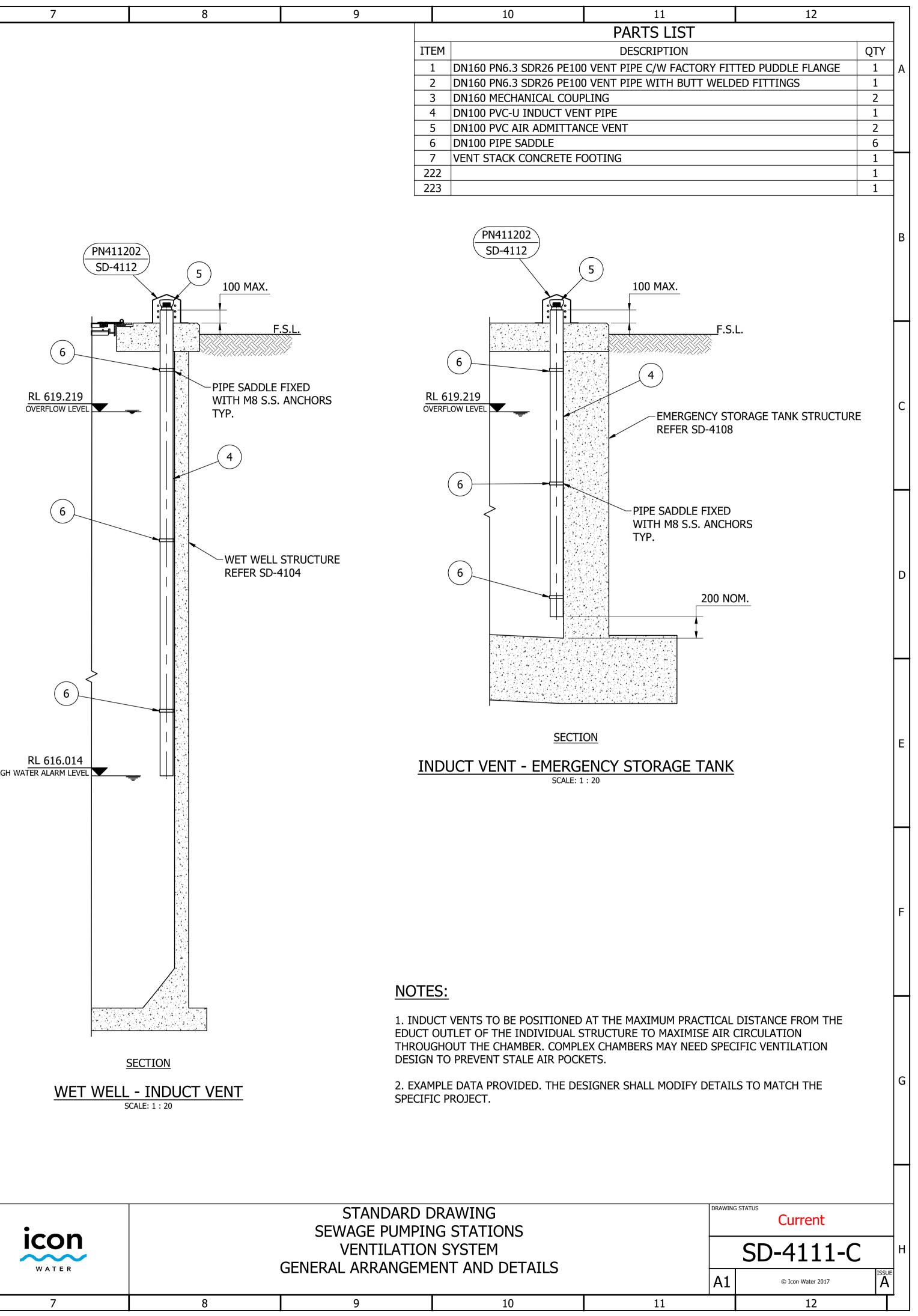
10	11	12		
	PARTS LIST			
	DESCRIPTION		QTY	Α
25 PN6.3 SDR11 PE100 (OVERFLOW PIPE C/W FACTORY	FITTED PUDDLE FLANGE	2	
200 MECHANICAL CONNE	CTOR		1	
NFORCED CONCRETE PIT (PRECAST OR CAST IN SITU) 1				
ICRETE SURROUND FOR CAST IRON COVER 1				
SS D CAST IRON COVER	(GAS-TIGHT)		1	
INLESS STEEL TRASH RA	ACK		1	
25 CLASS 2 RCP OUTFAL	L PIPE		1	
VFORCED CONCRETE HE	ADWALL (TO TCCS REQUIREME	ENTS)	1	
25 PE FLAP VALVE			1	
			1	
			1	
				B

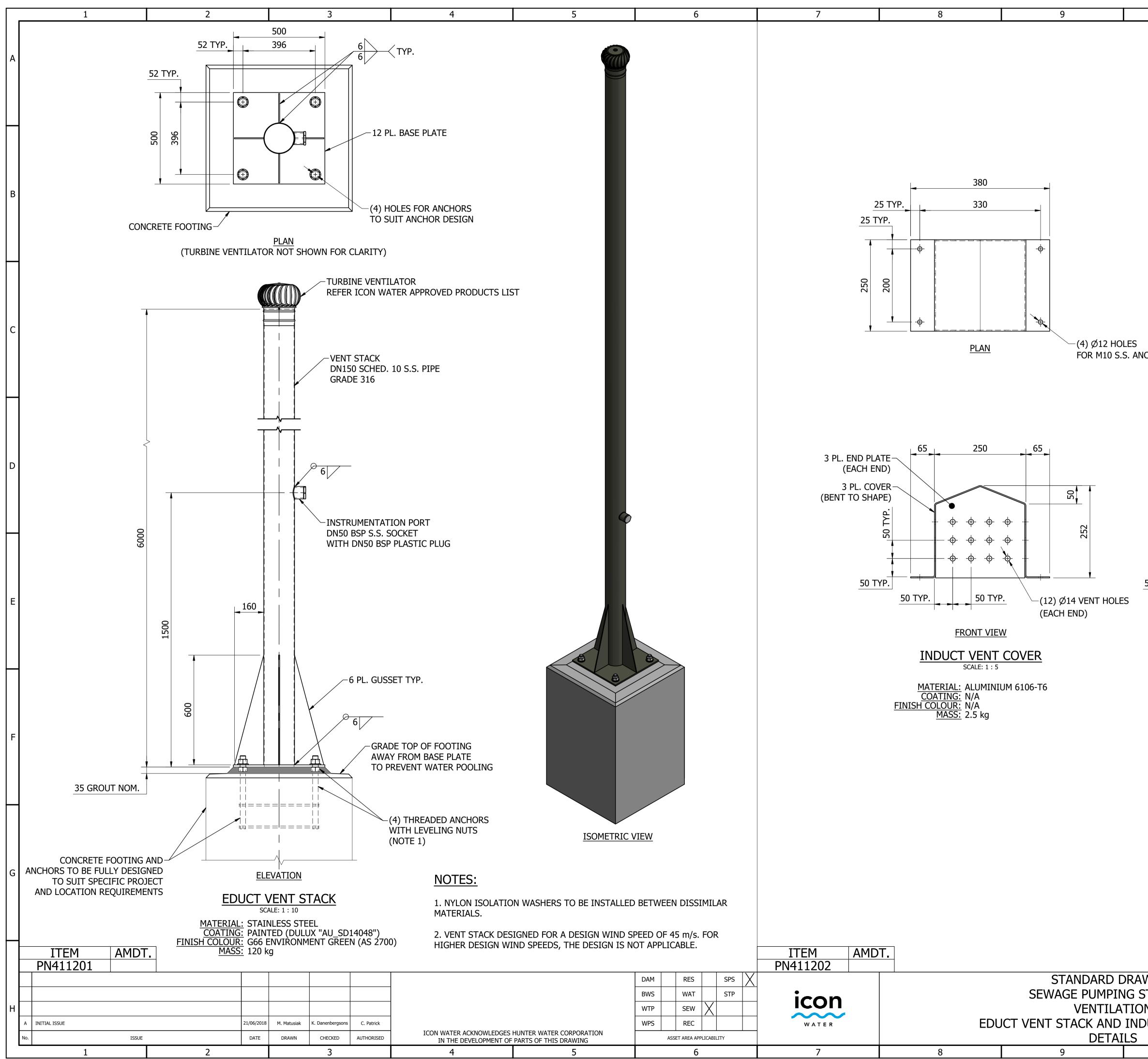
1. EXAMPLE DATA PROVIDED. THE DESIGNER SHALL MODIFY DETAILS TO MATCH THE SPECIFIC

D

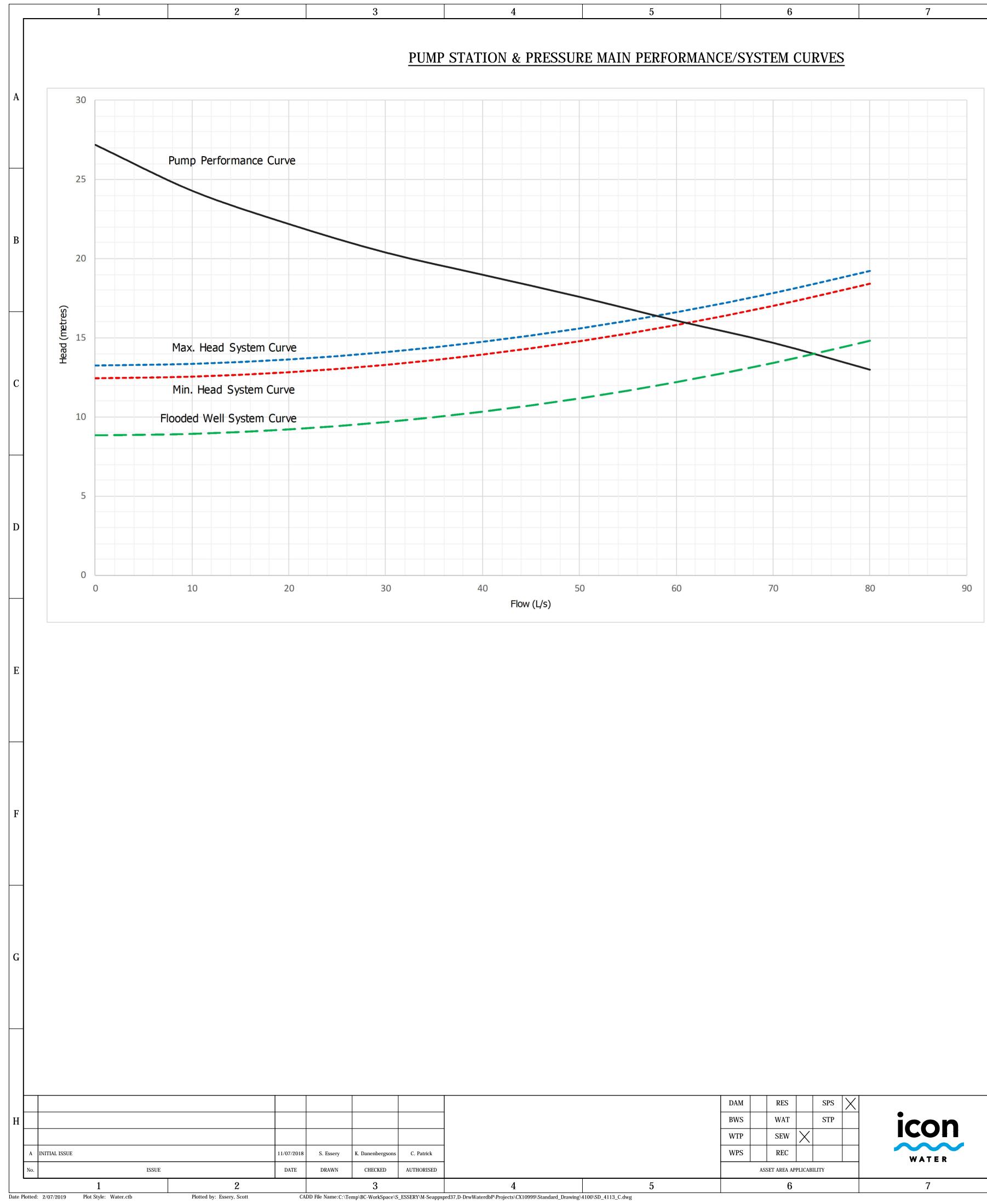


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2	D١
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So TYP. 50 TYP. (12) Ø14 VENT HOLES (EACH SIDE) 51DE VIEW F G G WING	ISOME			с
SO TYP. 50 TYP. (12) Ø14 VENT HOLES SIDE VIEW F G G WING	50 TYP.			D
G WING	50 TYP.	 ↔ ↔ ↔ ↔ ↔ ↔ ↔ (12) Ø14 VEN (EACH SIDE) 	IT HOLES	E
WING Current				F
WING Current				G
STATIONS DN DUCT VENT COVER 10 11 12 ISSUE A1 © Icon Water 2017	STATIONS N DUCT VENT COVER	A1	Current SD-4112-D © Icon Water 2017	Η



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FLOW ESTIMATION	
ADWF:	5.2 L/s
PDWF:	14.0 L/s
PWWF:	52.6 L/s
WET WELL	
PUMP ARRANGEMENT:	DUTY/STANDBY
PUMP MAKE:	ACME BRAND X
UMP MODEL:	ABC1234
PUMP IMPELLER:	DIA. 261 mm
RATED POWER:	12.5 kW
PERATING POINT - NORMAL OPERATION:	59.5 L/s @ 16.5 m
PPERATING POINT - WET WELL FLOODED:	74.2 L/s @ 14.0 m
VET WELL CONTROL VOLUME:	7.33 m^3
AX. PUMP STARTS PER HOUR:	7.4
UT-IN/CUT-OUT TIME AT ADWF:	134 s
UT-IN/CUT-OUT TIME AT PDWF:	159 s
ALVE CHAMBER	
IPING:	DN200 PN35 DICL
IPE INTERNAL DIAMETER:	216 mm
ESIGN SPECIFIC ROUGHNESS:	0.30 mm
ELOCITY (NORMAL OPERATION):	1.55 m/s @ 60 L/s
ELOCITY (FLOODED OPERATION):	1.92 m/s @ 74.2 L/s
ONFIGURATION:	REF: DRAWING LMXXX-9999
RESSURE MAIN	
PIPE:	DN315 PN16 SDR11 PE100
IPE INTERNAL DIAMETER:	256 mm
ENGTH TO DISCHARGE MAINTENANCE HOLE:	490 m
ESIGN SPECIFIC ROUGHNESS:	0.60 mm
ELOCITY (NORMAL OPERATION):	1.17 m/s @ 60 L/s
ELOCITY (FLOODED OPERATION):	1.44 m/s @ 74.2 L/s
ONFIGURATION:	REF: DRAWING LMXXX-9999

2. SYSTEM CURVES BASED ON COLEBROOK-WHITE AND DARCY-WEISBACH EQUATIONS.

	DAM BWS	RES WAT		SPS X	icon	STANDARD DRAWING SEWAGE PUMPING STATIONS						
	WTP WPS	SEW REC	Х		ICON	T	TYPICAL PUMP & PRESSURE MAIN CURVES					
·		ASSET AREA A	PPLICABI	ILITY	WATER				A	© Icon Water. 2018	ISSUE A	
	6 7		8 9 10 11				12					

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1. DESIGN SPECIFIC ROUGHNESS VALUES BASED ON "WALLINGFORD & BARR".

NOTES:	
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1.	EXAMPLE DATA	AND NOTES PROVIDED	. DESIGNER SHALL	MODIFY DETAILS
	TO MATCH THE	SPECIFIC PROJECT.		

2. MULTI-STAGE DEVELOPMENTS WILL REQUIRE MULTIPLE PERFORMANCE CURVES AND DESIGN DATA SETS.

									DN150 EXI WATER MA			S'	TORMWA	TER MAI	N						
									DN12	5 SDR11 PN	16 PE100 (TD101.5)									
DIAMETER VERTICAL GRADE	3.2%		5.8%			5.07%				9%			3.9%			1.5%			1.2%		
TRENCH TYPE							-			TRENCH T	YPE (NOTE :	2)									
RL 610.00m																					
NATURAL SURFACE LEVEL	620.000	620.084	620.403	620.412	620.715	621.011	621.337	621.898	622.278	622.835	623.312	623.546	623.701	624.014	624.426	624.435	624.392	624.819	625.029	625.650	626.147
NATURAL SURFACE LEVEL	620.000	620.084	620.403	620.412	620.715	621.011	621.337	621.898	622.278	622.835	623.312	623.546	623.701	624.014	624.426	624.435	624.392	624.819	625.029	625.650	626.147
DEPTH TO INVERT	2.438	2.203	1.939	1.365	1.085	0.875	0.695	0.750	0.829	1.086	1.265	1.200	0.963	0.885	0.905	0.759	0.569	0.844	0.930	1.427	1.800
PRESSURE MAIN INVERT LEVEL	617.562	617.881	618.464	619.047	619.63	620.136	620.642	621.148	621.449	621.749	622.047	622.346	622.738	623.129	623.521	623.676	623.823	623.975	624.099	624.223	624.347
CHAINAGE	0.00	10.00	20.00	30.00	40.00	50.00	60.00	70.00	80.00	90.00	100.00	110.00	120.00	130.00	140.00	150.00	160.00	170.00	180.00	190.00	200.00

ROAD CROSSING \neg

	н									
		A	INITIAL ISSUE			M. Matusiak	K. Danenbergsons	C. Patrick		
		No.	ISSUE		DATE	DRAWN	CHECKED	AUTHORISED		
	1 2			3				4		
Da	Date Plotted: 2/07/2019 Plot Style: Water.ctb Plotted by: Essery, Scott CADD File Name:C:\Temp\BC-WorkSpace\S_ESSERY\M-Seappsprd37,D-DrwWaterdbP\Projects\CX10999\Standard_Drawing\4100\SD_4114_C.dwg									

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STANDARD DRAWING
SEWAGE PRESSURE MAIN
TYPICAL LONGITUDINAL SECT

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DAM		RES		SPS	X				
BWS		WAT		STP					
WTP		SEW	\times						
WPS		REC							
ASSET AREA APPLICABILITY									

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1		RES		SPS	Х			
5		WAT		STP				
9		SEW	Х					
5		REC						
ASSET AREA APPLICABILITY								

icon WATER

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LONGITUDINAL SECTION - TYPICAL SEWER PRESSURE MAIN SCALE: HOR - 1:500, VERT - 1:100

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/- DN600 EXISTING

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/- DISCHARGE MAINTENANCE HOLE REFER SD-4117

NOTES: 1. EXAMPLE DATA PROVIDED. DESIGNER SHALL MODIFY DETAILS TO MATCH THE SPECIFIC PROJECT. INCLUDING SPECIFIC DETAILS FOR SPECIAL FEATURES SUCH AS ROAD, RAIL AND RIVER CROSSINGS ETC. 2. TRENCH, EMBEDMENT AND BACKFILL TO BE DESIGNED TO MEET PROJECT AND SITE SPECIFIC REQUIREMENTS. REFER SD-2100 SERIES DRAWINGS FOR GUIDANCE DRAWING STATUS Current SD-4114-C NAL SECTION

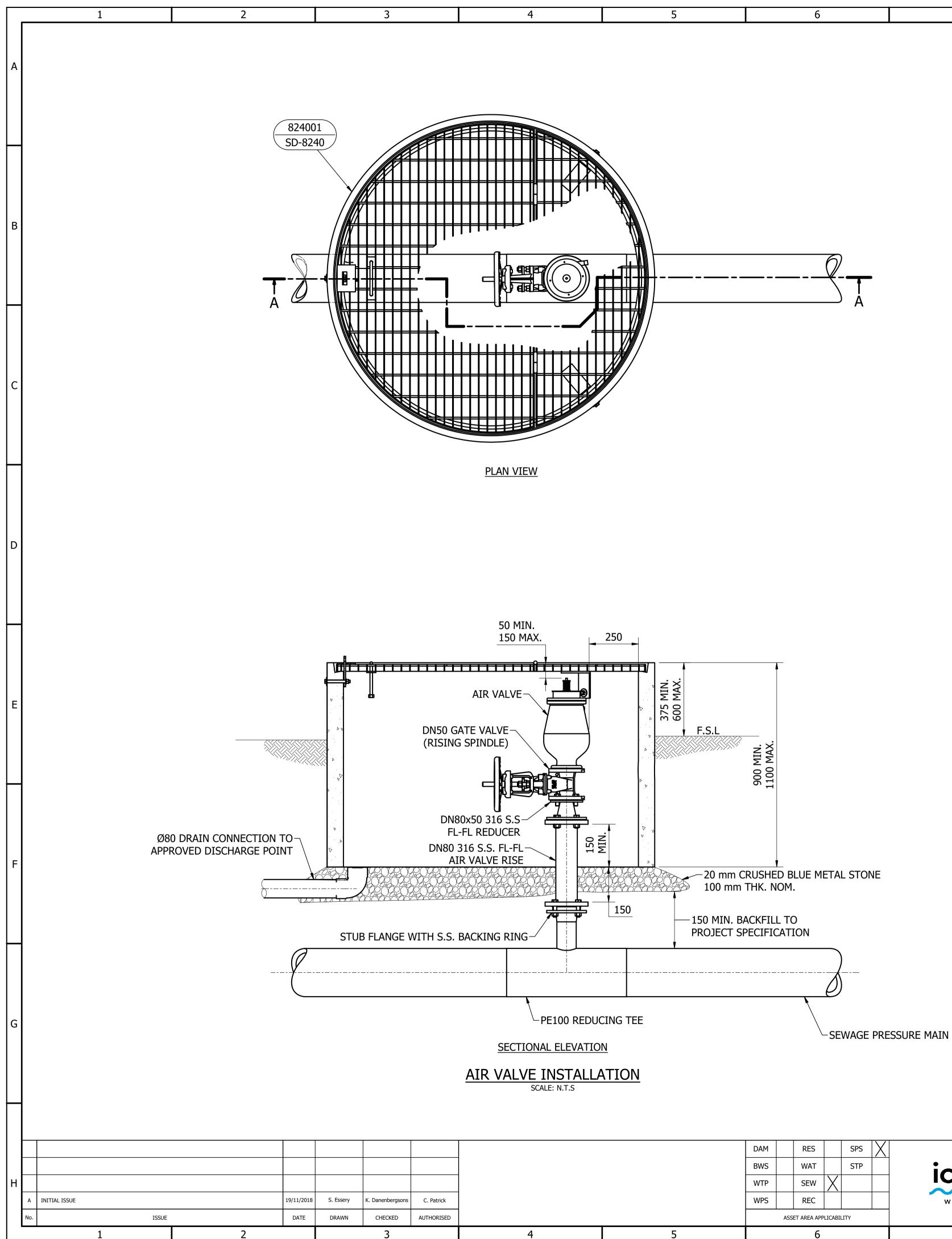
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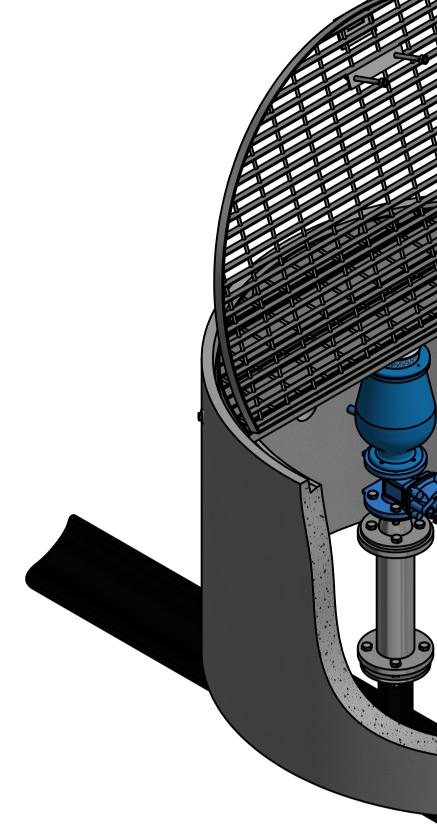
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<u>NOTES</u>

1. CHAMBER MUST BE SELF DRAINING. DRAIN MUST B AVOID THE AIR VALVE BEING MADE INOPERABLE DUE

2. CHAMBER TO BE LOCATED A MINIMUM CLEARANCE WATER PRINCIPAL ENGINEER IF THIS CLEARANCE IS N

3. THE DESIGNER SHALL FAMILIARISE THEMSELVES W STD-SPE-G-008 AND 009 PRIOR TO DESIGNING ANY ST CONSIDERATION.

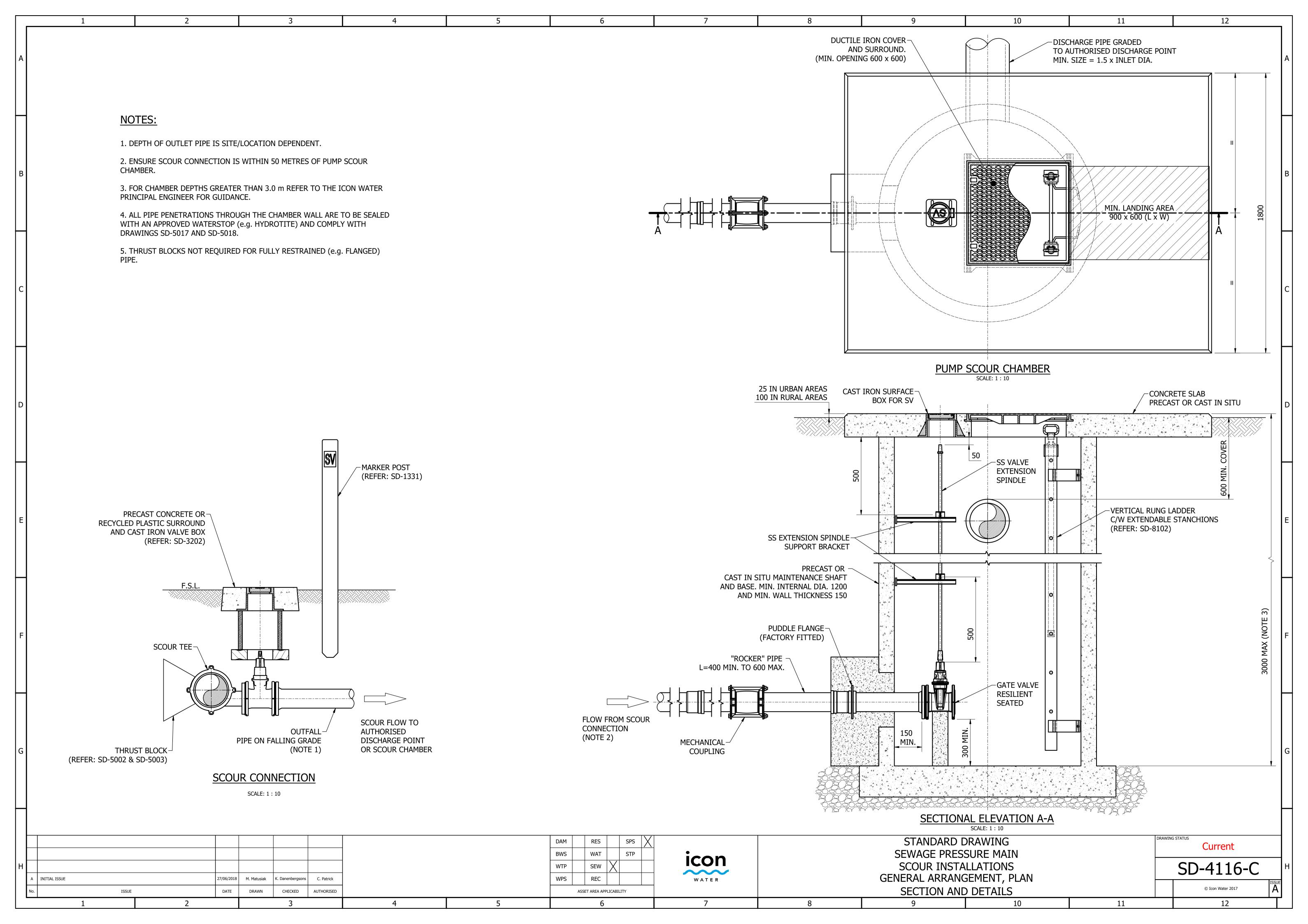
4. INDICATIVE SEWAGE PRESSURE MAIN DETAILS SHO INSTALLATION IS APPLICABLE FOR OTHER SEWAGE PR REDUCING TEE AND RISER TO BE SUBSTITUTED AS AP

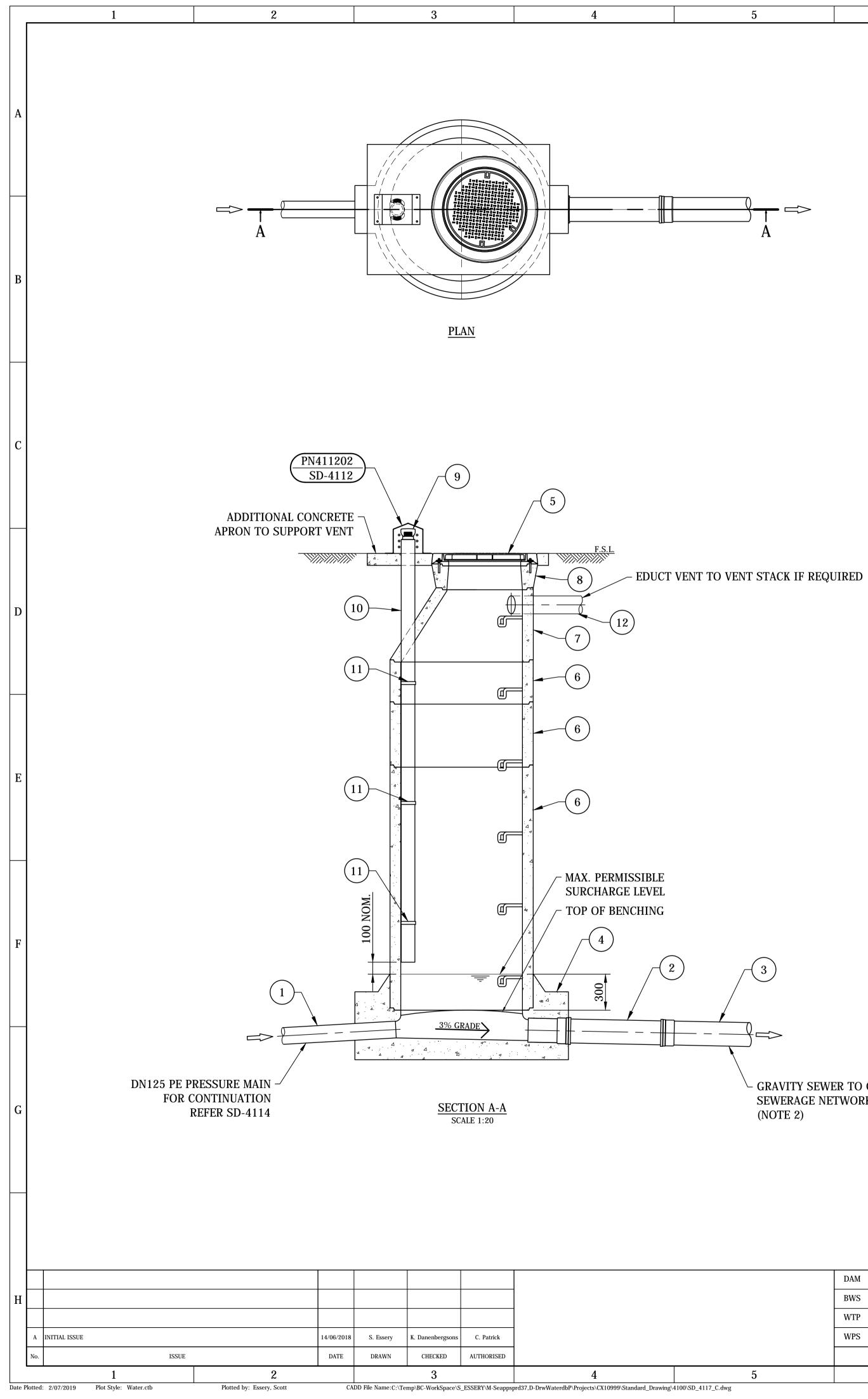
	DAM BWS WTP WPS	RES WAT SEW REC	X	SPS STP	X 	icon WATER		STANDARD D SEWAGE PRES AIR VA ARRANGEMENT A	SURE LVE
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		11		12	А
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No.		0			с
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<u>IS</u>	SOMETRIC VIEW				E
ABL	UST BE SITUATED BELOW THE E DUE TO FLOODING. ANCE OF 6.0 m AWAY FROM R				F
AN SEL NG FAII EW	CE IS NOT ACHIEVABLE. VES WITH THE REQUIREMENTS ANY STRUCTURE WHICH REQU S SHOW AS PE100 POLYETHYL AGE PRESSURE MAIN MATERIA AS APPROPRIATE.	S OF ICON WATER SPECIF IRES HEIGHT SAFETY TO ENE. THE DESIGN OF THE	ICATI BE TA	IONS AKEN INTO VALVE	G
ES: /A	ORAWING SURE MAIN _VE AND DETAILS	-	drawing	^{s STATUS} Current SD-4115-D © Icon Water 2017	н

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5	6	7	8		9	
				ITEM		
				1	DN125 PN16 PE100 SDR11 PRE	SSURE I
				2	ROCKER PIPE (NOTE 2)	
				3	SEWER MAIN (NOTE 2)	
				4	MAINTENANCE HOLE BASE, RE	FER SD-
				5	CLASS B (OR CLASS D IF TRAFI	FICABLE
				6	SHAFT SECTION, REFER SD-22	07
				7	STRAIGHT BACK TAPER, REFER	2 SD-220
				8	MAKE-UP RING, REFER SD-2207	7
				9	DN100 PVC-U AIR ADMITTANCI	E VENT
1				10	DN100 PVC-U VENT PIPE	
				11	DN100 SS PIPE SADDLE	
				12	DN150 PVC-U EDUCT VENT (IF	REQUIR
				NOTE	<u>'S:</u>	
				1. FO	R MAINTENANCE HOLE DETAILS	INCLUD
				2. DO	WNSTREAM SEWER TO BE SIZEI) TO PR
				3. DIS	SCHARGE MAINTENANCE HOLE C	ONCRE

-(3)

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- GRAVITY SEWER TO GREATER ICON WATER SEWERAGE NETWORK (NOTE 2)

	DAM BWS WTP WPS	RESSPSWATSTPSEWXRECI			STANDARD I SEWAGE PRESS DISCHARGE MAIN ARRANGEMENT	SURE MAINS FENANCE HOLE	DRAV	Current SD-4117-C	IISSUE
ASSET AREA APPLICABILITY				MAINS DN375 A	ND SMALLER	A	© Icon Water. 2017	A	
5		6	7	8	9	10	11	12	

		9	10	11	12				
			PARTS L	IST					
	ITEM		DESCRIPTION		QTY				
	1	DN125 PN16 PE100 SDR11 PRE	SSURE MAIN		1				
	2	ROCKER PIPE (NOTE 2)	1						
	3	SEWER MAIN (NOTE 2)	1	A					
	4	MAINTENANCE HOLE BASE, REI	1						
	5	CLASS B (OR CLASS D IF TRAFF	FICABLE) MAINTENANCE HOLE	COVER AND FRAME, REFER SD	-2204 1				
ĺ	6	SHAFT SECTION, REFER SD-220	07		VARIES WITH DEPTH				
Ī	7	STRAIGHT BACK TAPER, REFER	2 SD-2207		1	1			
	8	MAKE-UP RING, REFER SD-2207	7		1				
	9	DN100 PVC-U AIR ADMITTANCE	E VENT		1				
	10	DN100 PVC-U VENT PIPE			1	B			
	11	DN100 SS PIPE SADDLE			3				
	12	DN150 PVC-U EDUCT VENT (IF	REQUIRED)		1				
	NOTE	<u>S:</u>							
	1. FOR MAINTENANCE HOLE DETAILS INCLUDING PIPE CONNECTIONS REFER TO "SD-2200" SERIES DRAWINGS.								
	2. DO	WNSTREAM SEWER TO BE SIZEI) TO PREVENT UPSTREAM SUR	CHARGE.					
	3. DISCHARGE MAINTENANCE HOLE CONCRETE TO BE PROVIDED WITH INTERNAL CORROSION PROTECTION, IN ACCORDANCE WITH WSA 201 AS AMENDED BY ICON WATER IN STD-SPE-G-005.								
	4. EX/	AMPLE DATA PROVIDED. THE DE	₹OJECT.	C					
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