

PUMP STATION 2

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(AI)				BEND	ING S	CHED	ULE			-		
				EWER F	PUMP S	MOITAT	NO. 2	2				
ELEM	ENT: S	SCREENI	NG CHAN	NEL						٠.		
MARK	TYPE & DIA	NO.PEA UNIT	TOTAL NO.	LENGTH (mm)	TOTAL LENGTH	MASS (tans)	SHAPE CODE	A	В	С	D	E/A
01 02 03 04 05 06 07 08 09	Y12 Y12 Y12 R8 Y12 Y12 Y12 Y12 Y12 Y12 Y12	99180382222	18 18 36 10 36 8 4 4 4	2600 3200 2600 1000 1900 4500 2000 1800 1600	46800 5/600 93600 10000 68400 36000 8000 7200 6400 6000	0.0416 0.0511 0.0831 0.0089 0.0607 0.0320 0.0071 0.0114 0.0057 0.0053	38 38 38 20 99 99	1200 3200 1200 300 850 4500 400 400 450	175 180 175 400 300 450 400	1200 1200 100 850 300 300 600 600	600 600	
ELEN	ENT:	INLET W	DAKS FL	.008						<u> </u>		
MARK	TYPE & DIA	NO. PER	TOTAL NO.	LENGTH (mm)	TOTAL LENGTH	MASS (tons)	SHAPE CODE	. A	. В	С	D	E/R
12 13 14 15 16 17 18	Y12 Y12 Y12 Y12 Y12 Y12 Y12 R8	40 34 18 20 5 27 40	40 68 36 40 10 54 40	1900 3600 8200 2400 3200 3600 1000	76000 244800 295200 96000 32000 194400 40000	0.0875 0.2174 0.2621 0.0852 0.0284 0.1726 0.0158	38 38 20 38 20 20 20	850 1700 8200 1100 3200 3600 300	175 175 175	850 1700 1100		
ELEN	MENT:	INLET W	ORKS WA	ALLS		1		L				la Lancia de Composito de Compo
манк	TYPE & DIA	NO.PER UNIT	TOTAL NO.	LENGTH (mm)	TOTAL LENGTH	MASS (tons)	SHAPE CODE	A	В	С	0	E/R
20 21 22 23 24 25	Y12 Y12 Y12 Y12 Y12 Y12 R8	50 50 7 7 7 50	50 50 28 28 28 28 50	1975 1975 2200 1600 6150 400	98750 98750 61600 44800 172200 20000	0.0877 0.0877 0.0547 0.0390 0.1529 0.4308	38 38 38 20 20 20	900 900 1000 1600 6150 100	175 175 175 175	100		
	TOTAL	. MASS	(tons)	OF STEE	L	1.5720						



ar	mi imi	1100		NDINE			_	201	100.1	
-	RUCT	URE:	BEAL	45 (6	91),	(GB2))
TYPE COLA	MARK	NO/ UNIT	TOTAL	L,ENITH	CODE	TOTAL	Amm	ENSIC		D/Res
Y12	01	5	В	4900	35	39200	4800	150		
Y12	02	2	8	4900	35	005810	4600	150	Ш	
Ra	EO	15	60	1500	80	00000	450	250		
	W	2712	2-01	_		11, 1	2Y12	-01		
	I			1			To be			
		2712	2-02		HS-	33-400				
	-1		13-250	-			Va	Y12-0	2	
-	ST	RUCT	URE:	BEAM	(68	5), (G	861,	(687	7]	_
TYPE DIA	NARK	NO/ UNIT	TOTAL	LENGTH	CODE	TOTAL	(IO)	ENSIC Bans		D/Res
Y12	04	2	В	8350	35	36100	8050	150		
Y12	05	2	6	8350	35	38100	5050	150		
RB.	06	22	68	1500	60	19000	450	250		
	100	77° 'TO		KT 5	V	F: 4		0.112		
		101	STEE	L LAYO	UT AS	VOSA E	3			
		9		L LAYO		6 BE				
TYPE DIA	MARK	NO/ LINIT	TRUC		RIN	G BE	AM 1	ŒNSIC Sma		O/Plan
	MARK 07	NO/ UNIT	TOTAL 2	TURE: LENGTH 4900	RIN	TOTAL LENGTH 9800	AM 1 DIII Amm			D/Flow
Y12 Y12	07 08	NO/ UNIT	TOTAL 2 2	TURE: LENGTH 4900 4900	71N CODE 35 36	TOTAL LEMETH 9800 9800	AM 1 Amm 4600 4600			D/Place
712 712 712	07 08 09	S S S	TOTAL 2 2 2	TURE: LENGTH 4900 4900 2950	95 35 36 35	16 BE 16TAL LEHETH 9800 9800 5900	AM 1 Amm 4600 4600 2850			D/Flav
Y12 Y12 Y12 Y12 R8	07 08 09 10	NO/ UNIT 2 2 2 2	TOTAL 2 2 2 2 15	TURE: LENGTH 4900 4900 2950 2200	71N CODE 35 36 36 36 80	16 BE 16TAL LEMITH 9800 9800 5900	AM 1 Amm 4600 4600 2650			D/Place
Y12 Y12 Y12 Y12	07 08 09	NO/ UNIT 2 2 2 15 2	TOTAL 2 2 2 15 2	TURE: 4900 4900 2950 2200 1650	71 COOR 35 35 35 80 35	9800 9800 9800 5900 33000	AM 1 DID Amm 4800 4800 2850	Sma		D/Place
712 712 712 713 714 715	07 08 09 10 11	NO/ UNIT 2 2 2 15 2	TOTAL 2 2 2 15 2 STRUC	TURE: 4900 4900 2950 2200 1650 TURE:	71N CODE 35 36 35 80 35 81N	9800 9800 9800 33000 33000	AM 1 DIII Amm 4600 4600 2850 1350	Binm	Cross	D/Place
Y12 Y12 Y12 Y12 R8 Y12	07 08 09 10 11	NO/ UNIT 2 2 2 15 2	TOTAL 2 2 2 15 2 STRUC	TURE: 4900 4900 2950 2200 1650	71N CODE 35 36 35 80 35 81N	9800 9800 9800 33000 33000	AM 1 DI) Amm 4600 4600 2850 1350 AM 2	2mm CENSIO	Cha	D/Plant
Y12 Y12 Y12 Y12 R8 Y12	07 08 09 10 11 MARK	NO/ UNIT 2 2 15 2 15 2 NO/ UNIT	TOTAL 2 2 15 2 TOTAL TOTAL	TURE: 4900 4900 2950 2200 1650 TURE: 4900	71N CODE 35 36 35 80 35 81N	9800 9800 9800 33000 33000 33000 18 BE 107AL LENGTH	AM 1 DII Amm 4600 4600 2650 1350 AM 2 DII Amm 4800	2mm CENSIO	Cha	
Y12 Y12 Y12 R8 Y12 TYPE DIA Y12 Y12 Y12	07 08 09 10 11 MARK	NO/ UNIT 2 2 15 2 NO/ UNIT 2	TOTAL 2 2 15 2 TOTAL TOTAL	4900 4900 2950 2200 1650 TURE: 4900 4900	91N CODE 35 36 35 80 35 PIN CODE 35	9800 9800 9800 33000 33000 33000 8 BE 107AL LENGTH 9800 9800	AM 1 DII Amm 4600 4600 2650 1350 AM 2 DII Amm 4600 4600	OENSIO Brom	Cha	
Y12	07 08 09 10 11 MARK	NO/ UNIT 2 2 15 2 15 2 NO/ UNIT	TOTAL 2 2 15 2 TOTAL TOTAL	TURE: 4900 4900 2950 2200 1650 TURE: 4900	91N CODE 35 36 36 36 36 36 80 35 RIN CODE	9800 9800 9800 33000 33000 33000 18 BE 107AL LENGTH	AM 1 DII Amm 4600 4600 2650 1350 AM 2 DII Amm 4600 4600	2mm CENSIO	Cha	
Y12 Y12 Y12 R8 Y12 TYPE DIA Y12 Y12 R8	07 08 09 10 11 MARK	NO/ UNIT 2 2 15 2 15 2 NO/ UNIT 2 2 15	TOTAL 2 2 15 2 STRUC TOTAL 2 15 TRUC1	TURE: 4900 4900 2950 2200 1650 TURE: 4900 4900 1000	91N CODE 35 36 36 80 35 RIN CODE 35 35 60	9800 9800 9800 9800 33000 33000 33000 33000 33000 33000 25000	AM 1 010 Amm 4600 4600 2650 1350 AM 2 010 Amm 4600 4800 280	EMSIG Bum	DAS Com	
Y12 Y12 Y12 R8 Y12 TYPE DIA Y12 Y12 Y12	07 08 09 10 11 MARK 12 13 14	NO/ UNIT 2 2 15 2 NO/ UNIT 2 2	TOTAL 2 2 15 2 STRUC TOTAL 2 15 TRUC1	TURE: 4900 4900 2950 2200 1650 TURE: 4900 4900 1000	91N CODE 35 36 36 80 35 RIN CODE 35 35 60	9800 9800 9800 9800 33000 33000 33000 33000 33000 33000 25000	AM 1 DII Amm 4600 4600 2850 1350 AM 2 DII Amn 4600 4800 280	EMSIG Bum	DHS Com	
Y12 Y12 Y12 R8 Y12 TYPE DIA Y12 Y12 R8	07 08 09 10 11 MARK 12 13 14	NO/ UNIT 2 2 15 2 15 2 NO/ UNIT 2 2 15	TOTAL 2 2 15 2 STRUC TOTAL 2 15 TRUC1	TURE: 4900 4900 2950 2200 1650 TURE: 4900 4900 1000	91N CODE 35 36 35 80 35 RIN CODE 35 35 60 PUM	9800 9800 9800 33000 33000 33000 33000 9800 98	AM 1 DIV Amm 4600 4600 2650 1350 AM 2 DIV Amm 4600 4600 260 CNTHS	CENSIC Burn 160	DHS Com	0/9
Y12 Y12 Y12 R8 Y12 TYPE DIA Y12 R8	07 08 09 10 11 MARK 12 13 14	NO/ UNIT 2 15 2 15 2 NO/ UNIT 2 15	TOTAL 2 2 15 2 TOTAL 2 15 TOTAL 15 TOTAL	TURE: 4900 4900 2950 2200 1650 TURE: 4900 4900 1000 TURE:	91N CODE 35 36 35 80 35 RIN CODE 35 35 60 PUM	9800 9800 33000 33000 8 BE 107AL LENGTH 9800 9800 25000 P PL3	AM 1 DI) Amm 4600 4600 2650 1350 AM 2 DI) Amn 4800 4800 280 ENTHS DI) Amn	CENSIC Burn 160	DHS Com	0/9
Y12 Y12 Y12 R8 Y12 TYPE DIA Y12 R8	07 08 09 10 11 MARK 12 13 14	NO/ UNIT 2 15 2 15 2 NO/ UNIT 2 2 15 S NO/ UNIT	TOTAL 2 2 15 2 15 2 TOTAL 2 15 15 15 15 15	TURE: 4900 4900 2950 2200 1650 TURE: 4900 4900 1000 TURE:	91N CODE 35 36 36 35 80 35 RIN CODE 35 60 PUM CODE	9800 9800 9800 33000 33000 33000 33000 33000 8 BE 107AL LENGTH 9800 9800 25000 P PL3	AM 1 01) Amm 4600 4600 2650 1350 AM 2 01) Amn 4600 4600 260 CNTHS DI) Amn	ENSIG Been 160 CENSIG	DHS Com	0/Pm
Y12	07 08 09 10 11 MARK 12 13 14 MARK	NO/ UNIT 2 15 2 15 2 NO/ UNIT 2 15 S NO/ UNIT	TOTAL 2 2 15 2 15 2 TOTAL 2 15 TOTAL 15 15	TURE: 4900 4900 2950 2200 1650 TURE: 4900 1000 TURE: 1450 1450	91N CODE 35 36 36 35 80 35 RIN CODE 35 60 PUM CODE	9800 9800 9800 33000 33000 33000 33000 33000 25000 25000 P PL3	AM 1 010 Amm 4600 4600 2850 1350 AM 2 010 Amm 4600 4800 280 CNTHS 010 Amm	ENSIG Been 160 CENSIG	DAS Com	0/9



				BEN	DING	SCHED	ULE					***************************************
				PUMPS	TATION	NO.2:	SUMF)				
ELEN	MENT:	SUMP FL	.00R									
MARK	TYPE & DIA	NO.PER UNIT	TOTAL NO.	LENGTH (mm)	TOTAL LENGTH	MASS (tons)	SHAPE CODE	A .	а	С	D.	E/R
01 02 03 04	Y12 Y12 Y12 R8	36 72 82 80	144 72 82 80	2400 8750 8750 860	345600 630000 717500 68800	0.3070 0.5590 0.6380 0.0272	38 20 20	1100 8750 14700 300	175	1100	100	
ELEM	ENT:	SUMP WA	LLS						<u>.</u>			1
MARK	S DIA	NO.PER UNIT	TOTAL NO.	LENGTH (mm)	TOTAL LENGTH	MASS (tans)	SHAPE CODE	А	В	С	0	E/R
05 06 07 08 12	Y12 Y12 Y12 Y12 A8	36 36 38 36 6	180 180 190 180 30	2400 2400 8750 3550 550	432000 432000 1662500 639000 16500	0.3840 0.3840 1.4760 0.5670 0.0065	38 38 20 20 35	1100 1100 8750 3550 100	175 175	1100 1100		
ELEM	ENT: C	OVER SI	LAB (PA	E=STRES	SED HOL	LOW COR	E)					
	TOTAL	MASS	(tons)	OF STEE	L	4.349		T	. 1			

			Œ	BEND	ING S	SCHED	ULE	0.000,110				j.
,==				INLET	WORKS	STAIR	RCASE				HS D	
ELEM	ENT: 9	STAIRCA	SE. AND	LANDING				T 10 10 10 10 10 10 10 10 10 10 10 10 10	- 333	-		
MARK	TYPE & DIA	NO.PER UNIT	TOTAL NO.	LENGTH (mm)	TOTAL LENGTH	MASS (tons)	SHAPE CODE	A	В	С	٥	E/A
01	Y10	7	7	1650	11550	0.0071	45	1000	300	350		
05	Y10	7	7	3900	27300	0.0168	62	1800	900	1200		
03	Y10	7	7	1100	7700	0.0048	35	900	190 200 000	107 (04)		
04	Y10	12	12	1150	13800	0.0085	35	950				
05	Y10	9 5	9	1150	40250	0.0241	35	950				
10	Ra	- 8	8 9	500	3000	0.0012	83	200	100	100	100	
11	R8	. 5	2	500	1000	0.0004	83	500	100	100	100	
	TOTAL	. MASS	(tons)	OF STEE	L	0.2141						



				BEND	ING S	CHED	ULE					
				PUM	PSTAT	CON NO	.2					
STRL	CTURE	BEAMS	(681),	(6B2)								
HAFIK	TYPE & DIA	NO. PER UKIT	TOTAL HO.	LENSTH (mg)	TOTAL	MASS (tone)	SHUPE CODE	A	В	C	0	E/R
01 02 03	415 415 415	5 5	4 4 16	2250 2250 1500	9000 9000 24000	0.008 0.008 0.0085	35 35 60	1950 1950 450	250			
STAL	CTURE	BEAMS	(683)	X 6								
HARK	TYPE & UIA	NO.PER UNIT	TUTAL NO.	LENGTH (mm)	TOTAL LENETH	MASS (tons)	SHAPE	.A.	В	C	0	E/R
04 05 06	Y12 Y12 R8	2 2 13	2 13	3250 3250 1500	6500 6500 19500	0.0058 0.0058 0.0077	35 35 60	1950 1950 450	280			
NER	I REF.	193 - 6	.76m²			0.0110					-	-
	TOTAL	. MASS	(tons)	OF STEE	L	0.0556						I



PUMP STATION 4

				BEND	ING S	CHEO	ULE					
				PUM	PSTAT	ION NO	.4					
STRL	CTURE	: BEAMS	(881)	(885)								
HAFIK	TYPE B DIA	ND. PEA UNIT	TOTAL NO.	LENGTH (ms)	TOTAL LENSTH	HASS (tone)	EHAPE CODE	A	8	С	D	E/R
01 02 03	Y12 Y12 R8	8 8	4 16	2250 2250 1500	3000 3000	0,008 0,008 0,0096	35 35 60	1950 1950 460	260			
STAL	CTURE	BEAMS	(683)	239							-	_
MARIK	TYPE G IIIIA	MG. PER UMIT	TOTAL NO.	LENSTH (sca)	TOTAL LENSTH	MASS (tons)	SHAPE CODE	A .	8	C	0	E/R
04 05 08	Y12 Y12 R8	13 5	2 2 13	3250 3250 1500	6500 6500 19500	0.0058 0.0058 0.0077	35 35 50	1950 1950 450	250			
MEB	4 REF.	183 - 5	. 75n²			0.0110					-	1
	TOTAL	. MASS	(tona)	OF STEE	L	0.0008						1

			Œ	BEND	ING S	SCHED	ULE	0.000,110				j.
				INLET	WORKS	STAIR	RCASE				HS D	
ELEM	ENT: 9	STAIRCA	SE. AND	LANDING					200			
MARK	TYPE & DIA	NO.PER UNIT	TOTAL NO.	LENGTH (mm)	TOTAL LENGTH	MASS (tons)	SHAPE CODE	A	В	С	0	E/A
01	Y10	7	7	1650	11550	0.0071	45	1000	300	350		
05	Y10	7	7	3900	27300	0.0168	62	1800	900	1200		
03	Y10	7	7	1100	7700	0.0048	35	900	140.00	107.007.004		
04	Y10	12	12	1150	13800	0.0085	35	950				
05	Y10	9 5	9	1150	40250	0.0241	35	950				
10	R8		8 9	500	3000	0.0012	83	200	100	100	100	
11	R8	. 5	2	500	1000	0.0004	83	500	100	100	100	
	TOTAL	. MASS	(tons)	OF STEE	L	0.2141						



			BE	MDING	SC	HEOUL	E.			
ST	RUCT	URE:	BEAL	MS (GI	91),	(GB2)	, (G	33),	(684))
TYPE	MARK	NO7	TREAL			YET II	and the second second	ENSIC		
E DIA	MAPIK	UNIT	TOTAL	I,ENITH	LULE	LENGTH	Ann	Bas	Cana	D/Pm
Y12	01	2	В	4800	35	39200	4800	150		
Y12	02	2	8	4900	35	008860	1.63552	150		
RB	03	15	80	1500	80	00000	450	250		
	00	10	00	1000	00	80000	100		Ш	
		2712	-01				5115	-01		
		EIZE	. 01	-1			$-\Lambda$			
	i i			1	05_	03-400	1	-		
		2713	3-02		no-	03-400	4 1			
	1	688-0	3-250	_			12.2	1		
	-			-1			V2	Y12-0)5	
	81	RUCT	URE:	BEAM	(6B	5], (6				
TYPE	HARK	NO/	TOTAL	LENGTH	CUDE	TOTAL	Ann	ENSIC Bases	INS Com	n/o-
						1			Petas	My rea
Y12	04	2	8	8350	35	36100		150		
Y12	05	5	6	6350	35	38100		150		
RB	06	22	68	1500	60	100000	450	250		
	1	18" 183		19 7		100		P 112	(1)	,
						Maria Salah				
			STEE	L LAYO	UT A	NOSA E	3			
		9		L LAYO		B ABOV	-			
TYPE	MAGN	NO/	TRUC	TURE:	RIN	I BE	AM 1	ŒNSIO	INS	
TYPE	MARK		TRUC		RIN	I BE	AM 1	ENSIC Sma		O/Plan
	MARK 07	NO/	TRUC	TURE:	RIN	TOTAL	t MA			D/Plan
Y12	10 0 11	NO/ UNIT	TOTAL	TURE: LENGTH	RIN	TOTAL	AM 1 DIF Amm			0/75
G DIA	07	NO/ LINIT	TOTAL 2	TURE: LENGTH 4900	RIN CODE 35	TOTAL LEMTH 9800 9800	AM 1 DIF Amm			D/Pts
Y12 Y12	07 08	NO/ LINIT	TOTAL 2 2	TURE: LENGTH 4900 4900	95 35 36 35	TOTAL LEMTH 9800 9800	AM 1 Amm 4600 4600			D/Plan
Y12 Y12 Y12 Y12	07 08 09	NO/ LINIT 2 2 2	TOTAL 2 2 2	TURE: LENGTH 4900 4900 2950	91) CODE 35 36 36	16 BE 161AL 164TH 9800 9800 5900	AM 1 Amm 4600 4600			D/Plan
Y12 Y12 Y12 Y12 R8	07 08 09 10	NO/ UNIT 2 2 2 15 2	TOTAL 2 2 2 15 2	TURE: 4900 4900 2950 2200 1650	95 35 36 35 80 35	9800 9800 9800 9800 33000	AM 1 DIN Amm 4600 4600 2650			D/Plan
712 712 712 713 713	07 08 09 10 11	NO/ UNIT 2 2 2 15 2	TOTAL 2 2 2 15 2 STRUC	TURE: LENGTH 4900 4900 2960 2200 1650 TURE:	917 CODE 35 36 35 80 35	9800 9800 9800 3300 3300	AM 1 DIN Amm 4600 4600 2850 1350	Bmm	Cres	D/Plan
Y12 Y12 Y12 Y12 R8 Y12	07 08 09 10	NO/ UNIT 2 2 2 15 2	TOTAL 2 2 2 15 2 STRUC	TURE: 4900 4900 2950 2200 1650	917 CODE 35 36 35 80 35	9800 9800 9800 3300 3300	AM 1 DIN Amm 4600 4600 2850 1350		CINE	D/Pss
Y12 Y12 Y12 R8 Y12 P12	07 08 09 10 11	NO/ UNIT 2 2 2 15 2 NO/ UNIT	TOTAL 2 2 2 15 2 STRUC	TURE: LENGTH 4900 4900 2950 2200 1650 TURE:	95 35 36 35 80 35 81 CODE	9800 9800 9800 33000 33000 10000 33000 10000 10000 10000 10000	AM 1 DIV Amm 4600 4600 2650 1350 AM 2 DIV Amm	2mm ENSIG	CINE	415-
TYPE HB Y12 Y12 Y12 Y12 Y12 Y12 Y12 Y12	07 08 09 10 11 MARK	NO/ UNIT 2 2 2 15 2 NO/ UNIT	TOTAL 2 2 2 15 2 STRUC TOTAL	TURE: LENGTH 4900 4900 2950 2200 1650 TURE: LENGTH	911 CODE 35 36 35 80 35 RIN CODE	9800 9800 9800 9800 3300 3300 8 BE TOTAL LEMETH	AM 1 Amm 4600 4600 2650 1350 AM 2 DIM Amm 4600	2mm ENSIG	CINE	415-
Y12 Y12 Y12 RB Y12 TYPE DIA Y12 Y12	07 08 09 10 11 MARK	NO/ LINIT 2 2 2 15 2 15 2 NO/ UNIT	TOTAL 2 2 15 2 STRUC TOTAL 2	TURE: 4900 4900 2950 2200 1650 TURE: LENGTH 4900 4900	91) CODE 35 36 35 80 35 PII CODE 35	9800 9800 9800 9800 33000 3300 8 BE 107AL LEMETH 9800 9800	AM 1 Amm 4600 4600 2650 1350 AM 2 DIM Amn 4600 4600	ENSIG Bam	CINE	415-
A15 A15 A15 A15 A15 A15 A15 A15 A15	07 08 09 10 11 MARK	NO/ UNIT 2 2 2 15 2 NO/ UNIT	TOTAL 2 2 2 15 2 STRUC TOTAL	TURE: LENGTH 4900 4900 2950 2200 1650 TURE: LENGTH	911 CODE 35 36 35 80 35 RIN CODE	9800 9800 9800 9800 3300 3300 8 BE TOTAL LEMETH	AM 1 Amm 4600 4600 2650 1350 AM 2 DIM Amn 4600 4600	2mm ENSIG	CINE	415-
Y12 Y12 Y12 RB Y12 TYPE DIA Y12 Y12	07 08 09 10 11 MARK	NO/ UNIT 2 2 15 2 NO/ UNIT 2 2	TOTAL 2 2 15 2 STRUC TOTAL 2	TURE: LENGTH 4900 4900 2950 2200 1650 TURE: LENGTH 4900 4900 1000	35 36 35 80 35 RIN COORS 35 60	9800 9800 9800 9800 33000 3300 8 BE 107AL LEMETH 9800 9800	AM 1 010 Amm 4600 4600 2650 1350 AM 2 DIM Amm 4600 4600 280	ENSIG Bana	CINE	415-
Y12	07 08 09 10 11 MARK 12 13 14	NO/ UNIT 2 2 15 2 15 2 NO/ UNIT 2 15	TRUC TOTAL 2 2 15 2 TOTAL 2 TOTAL 2 16 TRUC1	TURE: LENGTH 4900 4900 2950 2200 1650 TURE: LENGTH 4900 4900 1000	95 35 80 35 RIN CODE 35 35 60 PUM	16 BE 107AL LEMTH 9800 9800 33000 33000 15000 15000 P PL1	AM 1 DIV Amm 4600 4600 2850 1350 AM 2 DIV Amm 4600 4800 280	ENSIG Bana	Cns Cns	415-
A15 A15 A15 A15 A15 A15 A15 A15 A15 A15	07 08 09 10 11 MARK 12 13 14	NO/ UNIT 2 2 15 2 NO/ UNIT 2 2 15	TRUC TOTAL 2 2 15 2 TOTAL 2 TOTAL 2 16 TRUC1	TURE: LENGTH 4900 4900 2950 2200 1650 TURE: LENGTH 4900 4900 1000	95 35 80 35 RIN CODE 35 35 60 PUM	16 BE 107AL LEMTH 9800 9800 33000 33000 15000 15000 P PL1	AM 1 DIM Amm 4600 4600 2650 DIM Amm 4600 4800 280 DIM Amm 4600 DIM Amm	ENSIGENSIGEN	Cns Cns	0/Pm
Y12	07 08 09 10 11 MARK 12 13 14	NO/ UNIT 2 2 15 2 15 2 NO/ UNIT 2 15	TRUC TOTAL 2 2 15 2 TOTAL 2 TOTAL 2 16 TRUC1	TURE: LENGTH 4900 4900 2950 2200 1650 TURE: LENGTH 4900 4900 1000	95 35 80 35 RIN CODE 35 35 60 PUM	9800 9800 9800 9800 3300 3300 8 BE 1074 LEMETH 9800 9800 15000 P PL	AMM 1 DIW Amm 4800 4800 2850 1350 AMM 2 DIW Amm 4800 4800 280 ENTHS	EMSIC Bana 180	Com Com	0/Pm
Y12 Y12 Y12 Y12 Y12 Y12 Y12 Y12 Y12 TYPE BIA Y12 Y12 F8	07 08 09 10 11 MARK 12 13 14	NO/ UNIT 2 2 15 2 15 2 NO/ UNIT 2 2 15 15 15 15 15 10 10 10 10 10 10 10 10 10 10 10 10 10	TOTAL 2 2 2 15 2 TOTAL 2 15 TOTAL 2 15 TOTAL	TURE: LENGTH 4900 4900 2900 2000 1650 TURE: LENGTH 4900 4900 1000 TURE: LENGTH	91) COORE 35 36 36 35 80 35 RIII COORE 35 35 60 PUM COORE	9800 9800 9800 9800 3300 3300 8 BE 107AL LEMETH 9800 9800 15000 P PL3	AMM 1 DIW Amm 4800 4800 2850 1350 AMM 2 DIW Amm 4800 4800 280 ENTHE DIW Amm	EMSIC Bana 180	Com Com	0/Pm
YIE YIE YIE YIE YIE YIE TYPE DIA YIE TYPE TYPE TYPE TYPE TYPE TYPE TYPE TYP	07 08 09 10 11 MARK 12 13 14	NO/UNIT 2 2 15 2 2 15 2 2 15 2 15 15 15 15 15 15 15 15 15 15 15 15 15	TOTAL 2 2 2 15 2 TOTAL 2 TOTAL 2 15 TOTAL 15	TURE: LENGTH 4900 4900 2900 2000 1650 TURE: LENGTH 4900 4900 1000 TURE: LENGTH 1450	91) COORE 35 36 35 80 35 80 35 RII COORE 35 60 PUM COORE 35	9800 9800 9800 9800 3300 3300 8 BE 1074 LUMIN 9800 9800 15000 P PL3	AMM 1 DIW Amm 4800 4600 2850 1350 Amm 2 DIW Amm 4800 4800 280 DIW Amm 1150 1150	EMSIC Bana 180	Com Com	0/Pa
YIE	07 08 09 10 11 12 13 14 MARK	NO/ UNIT 2 2 2 15 2 2 5 NO/ UNIT 2 15 2 15 2 2 8 8 NO/ UNIT 5 15 15 15 15 15 15 15 15 15 15 15 15 1	TOTAL 2 2 15 2 TOTAL 2 15 TOTAL 15 TOTAL 15 15	TURE: LENGTH 4900 4900 2950 2200 1650 TURE: LENGTH 4900 1000 TURE: LENGTH 1450 1450	911 COORE 35 36 35 80 35 81 COORE 35 35 60 PUM COOR 35 35 35 35 35 60 PUM COOR 35 35 35 35 35 85 85 85 85 85 85 85 85 85 85 85 85 85	9800 9800 9800 9800 3300 3300 3300 8 BE 107AL LUMSTH 9800 9800 15000 15000 21750	AMM 1 DIW Amm 4800 4600 2850 1350 Amm 2 DIW Amm 4800 4800 280 DIW Amm 1150 1150	Smm ENSIGN Benn 180 Benn Benn Benn	Cros Cros	0/Pa
Y12	07 08 09 10 11 12 13 14 MARK	NO/ UNIT 2 2 2 15 2 2 5 NO/ UNIT 2 15 2 15 2 2 8 NO/ UNIT 5 5 5 5 5 5 5 5 5 5 5 5 5 7 5 7 5 7 5	TOTAL 2 2 15 2 15 2 TOTAL 2 15 15 15 15 15	TURE: LENGTH 4900 4900 2960 2200 1650 TURE: LENGTH 4900 1000 TURE: LENGTH 1450 1450 950	91) COOSE 35 36 35 80 35 RIN COOSE 35 35 60 PUM COOSE 38 38 83 38	9800 9800 9800 9800 3300 3300 3300 8 BE 107AL LUMSTH 9800 9800 15000 15000 21750 14250	AMM 1 DIW Amm 4800 4600 2850 1350 Amm 4800 4800 280 DIW Amm 1150 1150 250	Smm ENSIGN Benn 180 Benn Benn Benn	Cros Cros	0/Pm



(AI)			telescope and account from	BEND	ING S	CHED	JLE		in der masser old destriction er delt	-		
				EWER F	PUMP S	MOITAT	NO.	4				
ELEM	MENT: S	SCREENI	NG CHAN	NEL								
MARK	TYPE & DIA	NO.PER UNIT	TOTAL NO.	LENGTH (mm)	TOTAL LENGTH	MASS (tons)	SHAPE	A	В	С	D	E/A
01 02 03 04 05 06 07 08 09	Y12 Y12 Y12 R8 Y12 Y12 Y12 Y12 Y12 Y12	9 9 10 0 3 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	18 18 36 10 36 8 4 4 4	2600 3200 2600 1000 1900 4500 2000 1800 1600	46800 57600 93600 10000 68400 36000 8000 7200 6400 6000	0.0416 0.0511 0.0831 0.0089 0.0607 0.0320 0.0071 0.0114 0.0057 0.0053	36 20 38 83 38 20 99 99	1200 3200 1200 300 850 4500 400 400 400	175 180 175 400 300 450 400	1200 1200 100 850 300 300 600 600	600 600	
ELEM	MENT:	INLET W	ORKS FL	.008.			Transference or transference or to		-			
MARK	TYPE & DIA	NO.PER	TOTAL .	LENGTH (mm)	TOTAL LENGTH	MASS (tons)	SHAPE CODE	. А	. В	С	D	E/R
12 13 14 15 16 17 18	Y12 Y12 Y12 Y12 Y12 Y12 Y12 R8	40 34 18 20 5 27 40	40 68 36 40 10 54 40	1900 3600 8200 2400 3200 3600 1000	76000 244800 295200 96000 32000 194400 40000	0.0875 0.2174 0.2621 0.0852 0.0284 0.1726 0.0158	38 38 20 38 20 20 20	850 1700 8200 1100 3200 3600 300	175 175 175	850 1700 1100		
ELEM	MENT:	INLET W	ORKS WA	ALLS		,		1,				
MARK	AID &	NO.PER UNIT	TOTAL NO.	LENGTH (mm)	TOTAL LENGTH	MASS (tons)	SHAPE CODE	A	В	С	0	E/A
20 21 22 23 24 25	Y12 Y12 Y12 Y12 Y12 Y12 R8	50 50 7 7 7 50	50 50 28 28 28 28 50	1975 1975 2200 1600 6150 400	98750 98750 61600 44800 172200 20000	0.0877 0.0877 0.0547 0.0390 0.1529 0.4308	38 38 38 20 20 20	900 900 1000 1600 6150 100	175 175 175 175	100		
	TOTAL	. MASS	(tons)	OF STEE	L	1.5720						

PROJECT NO: C0344

CLOCOLAN BUCKET ERADICATION PROGRAM BENDING SCHEDULE



		-		DENI	TNC	SCHED	111 -					<u> </u>
-							ULE					
				PUMPS	TATION	NO. 4	SUMF)				
ELE	MENT:	SUMP FL	.00R									
MARK	TYPE & DIA	NO. PER UNIT	TOTAL NO.	LENGTH (mm)	TOTAL LENGTH	MASS (tons)	SHAPE CODE	Α.	В	C	D	E/R
01 02 03 04	Y12 Y12 Y12 R8	36 72 82 80	144 72 82 80	2400 8750 8750 860	345600 630000 717500 68800	0,3070 0,5590 0,6380 0,0272	38 20 20	1100 8750 14700 300	175	1100	100	
ELEN	ENT:	SUMP WA	LLS						<u>.</u>			1
MARK	S DIA	NO.PER UNIT	TOTAL NO.	LENGTH (mm)	TOTAL LENGTH	MASS (tans)	SHAPE CODE	А	В	C.	D ₁	E/R
05 06 07 08 12	Y12 Y12 Y12 Y12 A8	36 36 38 36 6	180 180 190 180 30	2400 2400 8750 3550 550	432000 432000 1662500 639000 16500	0.3840 0.3840 1.4760 0.5670 0.0085	38 38 20 20 35	1100 1100 8750 3550 100	175 175	1100 1100	,	
ELEM	ENT: C	OVER SI	AB (PA	E=STRES	SED HOL	LOW COR	E)					
	TOTAL	MASS	(tons)	OF STEE	L	4.349		I				

RESIDENT ENGINEER: DATE:06/11/2019