SENEKAL BEP BENDING SCHEDULE

Pump Station 1

STRL	STRUCTURE: BEAMS (GB1), (GB2)												
MARK	TYPE & DIA	ND.PER UNIT	TOTAL NO.	LENGTH (mm)	TOTAL LENGTH	MASS (tons)	SHAPE CODE	А	В	C	D	E/R	
01 02 03	Y12 Y12 R8	8 S	4 4 16	2250 2250 1500	9000 9000 24000	0.008 0.008 0.0095	35 35 60	1950 1950 450	250				
STRL	STRUCTURE: BEAMS (GB3) A3												
MARK	TYPE & DIA	ND.PER UNIT	TOTAL NO.	LENGTH (mm)	TOTAL LENGTH	MASS (tons)	SHAPE CODE	A	В	С	D	E/R	
04 05 06	Y12 Y12 R8	a a 3	ର ର ଓ	3250 3250 1500	6500 6500 19500	0.0058 0.0058 0.0077	5 5 O	1950 1950 450	250				
MESI	MESH REF.193 - 5.75m ²												
	TOTAL	_ MASS	(tons)	0.0558									

Pump Station 2

	Fullip Station 2											
STRL	JCTURE	BEAMS	(GB1),	(GB2)								
MARK	TYPE & DIA	ND.PER UNIT	TOTAL NO.	LENGTH (mm)	TOTAL LENGTH	MASS (tons)	SHAPE CODE	A	В	C	٥	E/R
01 02 03	Y12 Y12 R8	ממש	4 4 16	2250 2250 1500	9000 9000 24000	0.008 0.008 0.0095	35 35 60	1950 1950 450	250			
STRL	STRUCTURE: BEAMS (GB3) (A3)											
MARK	TYPE & DIA	ND.PER UNIT	TOTAL NO.	LENGTH (mm)	TOTAL LENGTH	MASS (tons)	SHAPE CODE	A	В	С	٥	E/R
04 05 06	Y12 Y12 F18	ณ ณ บ	വ വ ന	3250 3250 1500	6500 6500 19500	0.0058 0.0058 0.0077	5 5 O	1950 1950 450	250			
MESI	H REF.	193 - 5	.75m ²	0.0110								
	TOTAL	_ MASS	(tons)	OF STEE	L	0.0558						

Pump Station 3

STRL	STRUCTURE: BEAMS (GB1), (GB2)												
MARK	TYPE & DIA	ND.PER UNIT	TOTAL NO.	LENGTH (mm)	TOTAL LENGTH	MASS (tons)	SHAPE CODE	A	В	C	D	E/R	
01 02 03	Y12 Y12 R8	8 N N	4 4 16	2250 2250 1500	9000 9000 24000	0.008 0.008 0.0095	35 35 60	1950 1950 450	250				
STRL	STRUCTURE: BEAMS (GB3) (A3)												
MARK	TYPE & DIA	ND.PER UNIT	TOTAL NO.	LENGTH (mm)	TOTAL LENGTH	MASS (tons)	SHAPE CODE	A	В	C	D	E/R	
04 05 06	Y12 Y12 F18	0 U	വ വ പ	3250 3250 1500	6500 6500 19500	0.0058 0.0058 0.0077	55 55 CO	1950 1950 450	250				
MESI	H REF.	193 - 5	. <i>7</i> 5m ²	0.0110									
	TOTAL	MASS	(tons)	OF STEE	L	0.0558							

RESIDENT ENGINEER

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SENEKAL BEP BENDING SHEDULE

Pump Station 2

Pump Sta	Pump Station 2											
BENDING SCHEDULE												
ST	RUCT	URE:	BEAN	1S (GI	∃1),	(GB2)	, (GI	B3),	(GB4)		
TYPE & DIA	MARK	ND/ UNIT	TOTAL	LENGTH	CODE	TOTAL LENGTH	Amm	MENSIC Bmm		D/Rmm		
Y12	01	2	8	4900	35	39200		150				
Y12	02	2	8	4900	35	39200		150				
R8	03	15	60	1500	60	90000	450	250				
						1 1	2Y12	-01		ı		
		2Y12	!-01	\neg			$\overline{\ }$					
	i i			i	50 (1 →					
		2Y12	2-02		HB-()3–400						
	1	6R8-0	3-250				<u> </u>	J				
	√2Y12-02											
STRUCTURE: BEAM (GB5), (GB6), (GB7)												
TVDE	SI		JRE:	BEAM	(GB							
TYPE & DIA	MARK	ND/ UNIT	TOTAL	LENGTH	CODE	TOTAL LENGTH	Amm	MENSIC Bmm		D/Rmm		
Y12	04	2	6	6350	35	38100	6050	150				
Y12	05	2	6	6350	35	38100	6050	150				
R8	06	22	66	1500	60	99000	450	250				
				L LAYO								
TYPE			STRUC	IUHE:	RIN	1		MENSI	חוכ			
S DIA	MARK	ND/ UNIT	TOTAL	LENGTH	CODE	TOTAL LENGTH	_	Bmm		D/Rmm		
Y12	07	2	2	4900	35	9800						
Y12	08	2	5	4900	35		4600					
Y12	09	2		2950	35		2650					
A8 Y12	10 11	15 2	15 2	2200 1650	60 35	33000	1350					
112	11											
TVDE			TRUC	TURE:	RIN			15NOT				
S DIA	MARK	ND/ UNIT	TOTAL	LENGTH	CODE	TOTAL LENGTH		MENSIC Bmm		D/Rmm		
Y12	12	2	2	4900	35	9800	4600					
Y12	13	2	2	4900	35	9800	4600					
A8	14	15	15	1000	60	15000	280	160				
		S	TRUCT	URE:	РИМ	PLI				l		
S DIA	МАПК	ND/ UNIT	TOTAL	LENGTH	CODE	TOTAL LENGTH		MENSIC Bmm		D/Rmm		
Y12	15	5	15	1450	35	21750	1150					
Y12	16	5	15	1450	35	21 <i>7</i> 50	1150					
R8	17	5	15	950	83	14250	250	250	100	100		
Y12	18	7	27	1100	35	23100						
Y12	19	7	21	1100	35	23100	800					

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Structure Floor Slab - Mesh REF No. 245 - 30m²

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SENEKAL BEP BENDING SCHEDULE

Pump Station 3

Pump Station 3													
	BENDING SCHEDULE												
S	TRUCT	URE:	BEAN	1S (GI	81),	(GB2)	•	•)			
S DI	IMΔHK	ND/ UNIT	TOTAL	LENGTH	CODE	TOTAL LENGTH		MENSIC Bmm		D/Rmm			
Y12	01	2	8	4900	35	39200	4600	150					
Y12	02	2	8	4900	35	39200		150					
R8	03	15	60	1500	60	90000	450	250					
	ı	2712) -01	ı		1 1	2Y12	-01		1			
	2Y12-01												
					BB-(3-400							
		2Y12			110	,,,,							
	1	.6R8-0	3-250	-			1	<u>リ</u> アイターの	12				
	\/ 2Y12-02												
	STRUCTURE: BEAM (GB5), (GB6), (GB7)												
S DI	1 M A A I I I I /	ND/ UNIT	TOTAL	LENGTH	CODE	TOTAL LENGTH		MENSIC Bmm		D/Rmm			
Y12	04	2	6	6350	35	38100	6050	150					
Y12	05	2	6	6350	35	38100	6050	150					
R8	06	22	66	1500	60	99000	450	250					
-	STEEL LAYOUT AS ABOVE												
TVD	-		TRUC	TURE:	RIN			<u> </u>	INC.				
IQ 3		ND/ UNIT	TOTAL	LENGTH	CODE	TOTAL LENGTH		MENSIC Bmm		D/Rmm			
Y12	07	2	2	4900	35	9800	4600						
Y12		2	2	4900	35	1	4600						
Y12		2	2	2950	35		2650						
H8	10	15	15	2200	60	33000	1250						
Y12	11	2	2	1650	35	3300							
TVD	- I		STRUC	TURE:	RIN			1ENIOT 6	2015				
IQ 2		ND/ UNIT	TOTAL	LENGTH	CODE	TOTAL LENGTH		MENSIC Bmm		D/Rmm			
Y12	12	2	2	4900	35	9800	4600						
Y12	13	2	2	4900	35	9800	4600						
H8	14	15	15	1000	60	15000	280	160					
		S	TRUCT	URE:	РШМІ	PL]	NTHS						
TYPE IO 2		ND/ UNIT	TOTAL	LENGTH	CODE	TOTAL LENGTH		MENSIC Bmm		D/Rmm			
Y12	15	5	15	1450	35	21750	1150						
Y12	16	5	15	1450	35	21 <i>7</i> 50	1150						
R8	17	5	15	950	83	14250	250	250	100	100			
Y12	18	7	27	1100	35	23100	B00						
Y12	19	7	21	1100	35	23100	B00						
		L											

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