

MEMBER	No OF	BARS PER MEMB	DIA	LENGTH	TOTAL NUM-BER	MARK	S C	BENDING								
								A	B	C	D	E/r				
WALL A	1	20	Y12	7600	20	PW1	20	(7600)								
		22	Y12	7800	22	PW2	20	(7800)								
		21	Y12	5550	21	PW3	20	(5550)								
		100	Y12	2000	100	PW4	34	1865								
		98	Y12	1650	98	PW5	20	(1665)								
		198	Y12	1600	198	PW6	37	800	(800)							
		122	Y10	1600	122	PA1	37	800	(800)							
		34	Y12	7600	34	PW1	20	(7600)								
		32	Y12	5550	32	PW3	20	(5550)								
		198	Y12	1600	198	PW6	37	800	(800)							
WALL B	1	30	Y12	7600	30	PW1	20	(7600)								
		34	Y12	7600	34	PW2	20	(7600)								
		32	Y12	5550	32	PW3	20	(5550)								
		198	Y12	1600	198	PW6	37	800	(800)							
		100	Y12	3300	100	PW7	34	3200								
		98	Y12	3100	98	PW8	34	3000								
		122	Y10	1600	122	PA1	37	800	(800)							
		47	Y12	2000	47	PW4	34	1865								
		47	Y12	1650	47	PW5	20	(1665)								
		116	Y12	1600	232	PW6	37	800	(800)							
WALL B	2	100	Y12	9400	200	PW9	34	9300								
		98	Y12	8800	196	PW10	34	8800								
		49	Y10	1600	98	PA1	37	800	(800)							
		170	Y10	350	170	LK1	38	100	(100)							
		LINKS FLOOR SLAB	1	176	Y10	7000	176	PF1	20	(7000)						
				100	Y12	4050	100	PF2	35	3850						
				92	Y12	5500	92	PF3	35	5300						
				12	Y12	4750	12	PF4	35	4535						
				85	Y12	2200	85	PF5	53	600	280	550	280	(600)		
				4	Y12	2650	4	PF6	53	600	280	1010	280	(600)		
4	Y12			2850	4	PF7	53	600	280	1175	280	(600)				
4	Y12			3000	4	PF8	53	600	280	1340	280	(600)				
6	Y12			1000	6	CR1	20	(1000)								
6	Y12			1800	6	CR2	35	1600								
STOOLS	1	210	Y12	1000	210	ST170	83	250	170	250	(250)					

	8	10	12	16	20	25	32	40	TOT	Date	2024/08/08
R										Det by	jn
Y	1134	7542								Ref Dwg	R07
TOT	1134	7542							8675	Job No	JW14402
Water Upgrade - Foresthill Pump Station Floor & Wall Reinforcement										Revision	0
										Schedule No	FLOOR & WALL

MEMBER	No OF	BARS PER MEMB	DIA	LENGTH	TOTAL NUM-BER	MARK	S C	BENDING						
								A	B	C	D	E/r		
BOT	1	74	Y16	3250	74	P01	37	100	(3200)					
		74	Y16	6000	74	P02	20	(6000)						
		134	Y12	3300	134	P03	37	100	(3200)					
		30	Y12	6000	30	P04	20	(6000)						
		54	Y12	6700	54	P05	37	100	(6600)					
		54	Y12	9000	54	P06	20	(9000)						
		54	Y10	6700	54	P07	37	100	(6600)					
		104	Y12	6000	104	P09	20	(6000)						
		108	Y10	6700	108	P10	37	100	(6600)					
		54	Y10	9000	54	P11	20	(9000)						
TOP	1	208	Y12	3300	208	P08	37	100	(3200)					
		104	Y12	6000	104	P09	20	(6000)						
		108	Y10	6700	108	P10	37	100	(6600)					
		28	Y16	3600	28	P12	38	100	3450	(100)				
		106	R8	1600	212	SA1	72	620	200	(100)				
		106	R8	400	212	SA2	38	100	200	(100)				

	8	10	12	16	20	25	32	40	TOT	Date	2024/08/05
R										Det. by	JN
Y	969	2468	1405						4842	Ref Dwg	P201
TOT	969	2468	1405						4842	Job No	2012
FOREST HILL WATER SUPPLY PUMP STATION ROOF SLAB REINFORCEMENT										Revision	0
										Schedule No	PUMP ROOF SLAB

MEMBER	No OF	BARS PER MEMB	DIA	LENGTH	TOTAL NUM-BER	MARK	S C	BENDING					
								A	B	C	D	E/r	
BEAM P1	2	2	Y12	3100	4	P1A	37	100	(3000)				
		1	Y10	3100	2	P1B	37	100	(3000)				
		2	Y10	6650	4	P1C	37	100	(6550)				
		1	Y12	6650	2	P1D	37	100	(6550)				
		3	Y12	7700	6	P1E	20	(7700)					
		2	Y10	9100	4	P1F	20	(9100)					
		1	Y12	9100	2	P1G	20	(9100)					
		3	Y10	2000	6	P1H	20	(2000)					
		3	Y12	7700	6	P1I	20	(7700)					
		1	Y12	6650	2	P1J	37	100	(6550)				

	8	10	12	16	20	25	32	40	TOT	Date	2024/08/05
R	167								167	Det by	JN
Y		70	144						214	Ref Dwg	P201
TOT	167	70	144						381	Job No	2012
FOREST HILL WATER SUPPLY PUMP STATION ROOF SLAB BEAM REINFORCEMENT										Revision	0
										Schedule No	BEAM P1

MEMBER	No OF	BARS PER MEMB	DIA	LENGTH	TOTAL NUM-BER	MARK	S C	BENDING					
								A	B	C	D	E/r	
BEAM P2	1	1	Y12	4500	1	P2A	37	100	(4400)				
		2	Y16	4500	2	P2B	37	120	(4400)				
		2	Y25	7650	2	P2C	37	180	(7500)				
		1	Y16	5500	1	P2E	20	(5500)					
		2	Y25	3000	2	P2F	20	(3000)					
		2	Y25	7500	2	P2G	20	(7500)					
		3	Y12	4800	3	P2H	20	(4800)					
		2	Y25	5500	2	P2J	20	(5500)					
		1	Y16	5500	1	P2K	20	(5500)					
		2	Y25	3000	2	P2K	20	(3000)					

	8	10	12	16	20	25	32	40	TOT	Date	2024/08/05
R										Det by	JN
Y		21	46						307	Ref Dwg	P201
TOT		21	46						307	Job No	2012
FOREST HILL WATER SUPPLY PUMP STATION ROOF SLAB BEAM REINFORCEMENT										Revision	0
										Schedule No	BEAM P2

MEMBER	No OF	BARS PER MEMB	DIA	LENGTH	TOTAL NUM-BER	MARK	S C	BENDING					
								A	B	C	D	E/r	
BEAM P3	2	3	Y10	3100	6	P3A	37	100	(3000)				
		2	Y12	3100	4	P3B	37	100	(3000)				
		1	Y10	3100	2	P3C	37	100	(3000)				
		3	Y10	6000	6	P3D	20	(6000)					
		2	Y12	6000	4	P3E	20	(6000)					
		1	Y10	6000	2	P3F	20	(6000)					
		3	Y10	3100	6	P3G	37	100	(3000)				
		2	Y12	3100	4	P3H	37	100	(3000)				
		1	Y10	3100	2	P3I	37	100	(3000)				
		54	R8	1600	108	SA1	72	620	200	(100)			

	8	10	12	16	20	25	32	40	TOT	Date	2024/08/5
R	85								85	Det by	JN
Y		60	43						103	Ref Dwg	P201
TOT	85	60	43						189	Job No	2012
FOREST HILL WATER SUPPLY PUMP STATION ROOF SLAB BEAM REINFORCEMENT										Revision	0
										Schedule No	BEAM P3

MEMBER	No OF	BARS PER MEMB	DIA	LENGTH	TOTAL NUM-BER	MARK	S C	BENDING					
								A	B	C	D	E/r	
BEAM P4	2	3	Y10	2600	6	P4A	37	100	(2500)				
		3	Y10	2250	6	P4B	37	100	(2150)				
		2	Y32	9800	4	P4C	20	(9800)					
		1	Y25	9800	2	P4D	20	(9800)					
		2	Y12	7000	4	P4E	20	(7000)					
		3	Y20	4000	6	P4F	20	(4000)					
		3	Y10	2600	6	P4G	37	100	(2500)				
		3	Y10</										