

**REBAR ESTIMATION
COVER SHEET**

PROJECT NAME : MT HOLLY PUMP STATION
PROJECT NUMBER : -
BID DATE : 08-03-2021
LOCATION : -

ESTIMATOR : KRS
CREATED : 08-03-2021
MODIFIED : 01-13-2022
REVISION NUMBER : 2
REBAR GRADE : ASTM A615-GRADE 60 (UNCOATED)

ELEMENTS	Bar Weight in "Lbs"
STOWE	
STOWE HEADWORKS & INFLUENT PUMPING STATION	
CONTINUOUS FOOTING & DOWELS	155.65
MAT SLAB & DOWELS	9,38,366.82
CONCRETE WALL	9,12,256.03
CONCRETE WALL (FORMSAVERS)	10,595.48
CONCRETE COLUMN	23,808.74
BEAM	1,23,622.27
SLAB ON GRADE	19,728.03
SLAB ON GRADE (FORMSAVERS)	98.42
CONCRETE SLAB	2,61,764.28
CONCRETE SLAB (FORMSAVERS)	9,731.25
TOPPING SLAB ADDITIONALS	15,865.45
MASONRY WALL	49,710.88
STOWE DAY TANK #2	
CONCRETE ENCASEMENT	5,599.53
STOWE STORM FLOW EQUALIZATION BASIN #1	
CONCRETE ENCASEMENT	6,474.51
STOWE STORM EQUALIZATION BASIN #2	
CONCRETE PAVEMENT	3,24,167.98
WATER CANNON PAD	3,533.06
INFLUENT HEADWALL	3,011.29
TRENCH BASIN DRAIN	2,507.87
STOWE VALVE VAULT #3	
MAT FOOTING & DOWELS	11,364.41
CONCRETE WALL	15,288.46
CONCRETE SLAB	5,388.70
STOWE GENERATOR BUILDING	
CONTINUOUS FOOTING & DOWELS	19,179.43
MAT SLAB & DOWELS	23,607.02
CONCRETE WALL	1,337.54
SLAB ON GRADE	75,709.38
MASONRY WALL	51,162.02
STOWE EQUALIZATION PUMPING STATION RENOVATION	
PUMP BASE & PIPE SUPPORTS	599.06
FLOOR CAP SLAB	7,321.28
CONCRETE MODIFICATIONS	2,313.27
STOWE DAY TANK #1	
ISOLATED FOOTING	843.54
STOWE SOLIDS DRYING PAD	
MAT SLAB & DOWELS	22,190.50
CONCRETE WALL	2,697.20
SITWORK	
LIGHT POLE BASE	2,136.71
RETAINING WALL - CONTINUOUS FOOTING & DOWELS	23,319.65
RETAINING WALL - CONCRETE WALL	14,285.50
MOUNT HOLLY	
MOUNT HOLLY PUMPING STATION	
MAT FOOTING & DOWELS	22,163.41
CONCRETE WALL	48,823.00
CONCRETE WALL (FORMSAVERS)	651.26
CONCRETE SLAB	1,986.16
MOUNT HOLLY ELECTRICAL BUILDING	
SLAB ON GRADE	7,669.86
MOUNT HOLLY GENERATOR PAD	
MAT SLAB	4,794.36
SLAB ON GRADE	2,002.56
MOUNT HOLLY PARSHALL FLUME	
MAT SLAB & DOWELS	5,384.42
CONCRETE WALL	9,544.98
SITWORK	
LIGHT POLE BASE	268.79
Total Weight in "Lbs"	
30,93,029.99	
Total Weight in "Tons"	
1,546.51	

ADDENDUM:	REVISION DRAWINGS
SPECIFICATION:	NONE
DRAWINGS:	STRUCTURAL : S-00-001 TO S-99-519 (06/22/2021), ARCHITECTURAL : A-20-101 TO A-99-606 (06/22/2021), CIVIL : C-00-001 TO C-14-505 (06/22/2021) MECHANICAL : M-00-001 TO M-99-501 (06/22/2021), PLUMBING : P-00-001 TO P-99-601 (06/22/2021), ELECTRICAL : E-00-001 TO E-99-705 (06/22/2021)

ASSUMPTIONS:	
INCLUSIONS:	STOWE HEADWORKS & INFLUENT PUMPING STATION : CONTINUOUS FOOTING, MAT SLAB, CONCRETE WALL, CONCRETE COLUMN, BEAM, SLAB ON GRADE, CONCRETE SLAB, TOPPING SLAB ADDITIONALS & MASONRY WALL. STOWE DAY TANK NO. 2 : CONCRETE ENCASEMENT STOWE STORM FLOW EQUALIZATION BASIN NO. 1 : CONCRETE ENCASEMENT STOWE STORM EQUALIZATION BASIN #2 : CONCRETE PAVEMENT, CONCRETE ENCASEMENT, WATER CANNON PAD, INFLUENT HEADWALL & TRENCH BASIN DRAIN. STOWE VALVE VAULT #3 : MAT FOOTING, CONCRETE WALL & CONCRETE SLAB. STOWE GENERATOR BUILDING : CONTINUOUS FOOTING, MAT FOOTING, CONCRETE WALL, SLAB ON GRADE, CONC. ENCASEMENT, MASONRY WALL. MOUNT HOLLY PUMPING STATION : MAT FOOTING, CONCRETE WALL & CONCRETE SLAB. MOUNT HOLLY ELECTRICAL BUILDING : SLAB ON GRADE. MOUNT HOLLY GENERATOR PAD : MAT FOOTING & SLAB ON GRADE. STOWE EQUALIZATION PUMPING STATION RENOVATION : PUMP BASE AND PIPE SUPPORTS & FLOOR CAP SLAB & CONCRETE MODIFICATIONS. STOWE DAY TANK #1 : ISOLATED FOOTING STOWE SOLIDS DRYING PAD : MAT SLAB & CONCRETE WALL. MOUNT HOLLY PARSHALL FLUME : MAT SLAB & CONCRETE WALL. SITWORK : LIGHT POLE BASE, SIDEWALK & RETAINING WALL.
EXCLUSIONS:	OTHER ITEMS NOT MENTIONED IN SCOPE INCLUSIONS & ELEMENTS ESTIMATED
NOTES:	OPTION (STOWE) : SIDEWALK (REF:B/C-13-503) = IF #4 @12" EACHWAY SELECTED ADD WEGHT OF 3513.68 LBS TO BASE BID & DEDUCT 2432 SQ.FT OF MESH TYPE 4X4-W4XW4 WWF OPTION (MOUNT HOLLY) : SIDEWALK (REF:B/C-13-503) = IF #4 @12" EACHWAY SELECTED ADD WEGHT OF 3767.52 LBS TO BASE BID & DEDUCT 2639 SQ.FT OF MESH TYPE 4X4-W4XW4 WWF

OTHER EXCLUSIONS:	REBAR:	Galvanized Rebars, stainless steel, or fiberglass Reinforcing; Grade 75 reinforcing, ASTM A706 (weldable) reinforcing, ASTM A934 epoxy coat after fabrication, added bars at openings not shown on structural drawings, spirals and spacers, precast reinforcing
	ACCESSORIES:	Concrete brick and/or accessories to support reinforcing bars and/or mesh on grade; rebar and/or accessories used as vertical wall spacers; all accessories associated with post tensioning; reinforcing steel and/or mesh for mud mats.
	OTHERS:	Dowel bar splicer sets (DB/DI), mechanical couplers, threaded reinforcing, tie rods, metal tags, tie wire, couplers welded to structural members, construction joint/expansion joint dowels, diamond dowels, rebar protection caps, and any items not specifically included.

WEIGHT & ACCESSORIES REPORT

TOTAL WEIGHT BY BAR SIZE (BLACK - UNCOATED)

BAR SIZE	WEIGHT
#3	877.38
#4	1,10,905.97
#5	7,45,678.87
#6	5,50,498.10
#7	98,021.33
#8	8,24,578.23
#9	93,583.18
#10	2,094.01
#11	6,66,792.91
Total Weight (Lbs)	30,93,029.99

TOTAL WEIGHT BY BEND TYPE (BLACK - UNCOATED)

BAR DIA/BEND TYPE	HB	LB	SL	ST	TOTAL
#3	0.00	877.38	0.00	0.00	877.38
#4	20,025.27	62,088.12	20,026.64	8,765.94	1,10,905.97
#5	1,48,439.45	37,694.46	4,61,402.34	98,142.61	7,45,678.87
#6	1,79,464.04	0.00	2,40,860.72	1,30,173.34	5,50,498.10
#7	53,983.25	0.00	28,166.32	15,871.77	98,021.33
#8	3,01,437.09	0.00	2,77,039.20	2,46,101.93	8,24,578.23
#9	44,164.49	0.00	4,080.00	45,338.69	93,583.18
#10	2,094.01	0.00	0.00	0.00	2,094.01
#11	3,28,591.75	0.00	3,14,954.64	23,246.52	6,66,792.91
			Total Weight (Lbs)	30,93,029.99	

ACCESSORIES DETAILS

TYPE	SIZE	QUANTITY	REMARKS
STOWE HEADWORKS & INFLUENT PUMPING STATION			
BEAM BOLSTERS	1 1/2"	3000 LFT	BEAM BOTTOM SUPPORT
SLAB BOLSTERS	1 1/2"	5750 LFT	SLAB BOTTOM SUPPORT
SLAB BOLSTERS	1 1/2"	1600 LFT	TOPPING SLAB SUPPORT
CHCU	4 1/2"	640 LFT	SLAB ON GRADE TOP SUPPORT
STOWE VALVE VAULT #3			
SLAB BOLSTERS	1 1/2"	100 LFT	SLAB BOTTOM SUPPORT
BEAM BOLSTERS	1 1/2"	80 LFT	BEAM BOTTOM SUPPORT
STOWE GENERATOR BUILDING			
CHCU	4 1/2"	60 LFT	MAT SLAB TOP SUPPORT
CHCU	4 1/2"	2330 LFT	SLAB ON GRADE TOP SUPPORT
STOWE HEADWORKS PUMPING STATION			
CHCU	3"	450 LFT	FLOOR CAP SLAB TOP SUPPORT
STOWE SOLIDS DRYING PAD			
CHCU	4 1/2"	700 LFT	FLOOR CAP SLAB TOP SUPPORT
MOUNT HOLLY PUMPING STATION			
SLAB BOLSTERS	1 1/2"	45 LFT	SLAB BOTTOM SUPPORT

MESH DETAILS

MESH TYPE	AREA	AREA (15% ADDED)	REMARKS
SITWORK (STOWE)			
4X4-W4XW4 WWF	2115	2432	4" THK SIDEWALK - REF: B/C-13-503, C-04-102 TO C-04-108, C-09-102
SITWORK (MOUNT HOLLY)			
4X4-W4XW4 WWF	2295	2639	4" THK SIDEWALK - REF: B/C-13-503, C-04-102 TO C-04-108, C-09-102

FORMSAVERS DETAIL

TYPE	SIZE	QUANTITY	REMARK
STOWE			
STOWE HEADWORKS & INFLUENT PUMPING STATION			
COUPLER AT ONE END	#5	644	BAR LENGTH = 4'-8" (CONCRETE WALL - REF: 1/S-20-301)
COUPLER AT ONE END	#5	40	BAR LENGTH = 3'-2" (CONCRETE WALL - REF: 1/S-20-301)
COUPLER AT ONE END	#5	54	BAR LENGTH = 3'-0" (CONCRETE WALL - REF: 1/S-20-301)
COUPLER AT ONE END	#5	54	BAR LENGTH = 2'-4" (CONCRETE WALL - REF: 1/S-20-301)
COUPLER AT ONE END	#5	54	BAR LENGTH = 2'-2" (CONCRETE WALL - REF: 1/S-20-301)
COUPLER AT ONE END	#5	580	BAR LENGTH = 3'-6" (CONCRETE SLAB - REF: 1/S-20-301,1/S-20-308,1/S-20-309)
COUPLER AT ONE END	#5	300	BAR LENGTH = 2'-2" (CONCRETE SLAB - REF: 1/S-20-301,1/S-20-308,1/S-20-309)
COUPLER AT ONE END	#5	380	BAR LENGTH = 1'-6" (CONCRETE SLAB - REF: 1/S-20-301,1/S-20-308,1/S-20-309)
COUPLER AT ONE END	#6	30	BAR LENGTH = 3'-8" (CONCRETE SLAB - REF: 1/S-20-301,1/S-20-308,1/S-20-309)
COUPLER AT TWO ENDS	#5	140	BAR LENGTH = 2'-10" (CONCRETE SLAB - REF: 1/S-20-301,1/S-20-308,1/S-20-309)
COUPLER AT TWO ENDS	#5	380	BAR LENGTH = 1'-6" (CONCRETE SLAB - REF: 1/S-20-301,1/S-20-308,1/S-20-309)
COUPLER AT ONE END	#4	26	BAR LENGTH = 1'-4" (SLAB ON GRADE - REF: 1/S-20-505)
MOUNT HOLLY			
MOUNT HOLLY PUMPING STATION			
COUPLER AT ONE END	#5	120	BAR LENGTH = 2'-5" (CONCRETE WALL - REF: 1/S-60-301)
COUPLER AT ONE END	#5	34	BAR LENGTH = 2'-3" (CONCRETE WALL - REF: 1/S-60-301)
COUPLER AT TWO ENDS	#5	8	BAR LENGTH = 1'-5" (CONCRETE WALL - REF: 1/S-60-301)

THREADED BARS DETAIL			
TYPE	SIZE	QUANTITY	REMARK
STOWE			
STOWE HEADWORKS & INFLUENT PUMPING STATION			
THREADED AT ONE END	#5	42	BAR LENGTH = 4'-10" (CONCRETE WALL - REF: 1/S-20-301)
THREADED AT ONE END	#5	112	BAR LENGTH = 3'-10" (CONCRETE WALL - REF: 1/S-20-301)
THREADED AT ONE END	#5	36	BAR LENGTH = 3'-5" (CONCRETE WALL - REF: 1/S-20-301)
THREADED AT ONE END	#5	168	BAR LENGTH = 2'-10" (CONCRETE WALL - REF: 1/S-20-301)
THREADED AT ONE END	#5	108	BAR LENGTH = 2'-2" (CONCRETE WALL - REF: 1/S-20-301)
THREADED AT ONE END	#5	380	BAR LENGTH = 2'-0" (CONCRETE WALL - REF: 1/S-20-301)
THREADED AT ONE END	#5	220	BAR LENGTH = 4'-10" (CONCRETE SLAB - REF: 1/S-20-301,1/S-20-308,1/S-20-309)
THREADED AT ONE END	#6	30	BAR LENGTH = 4'-10" (CONCRETE SLAB - REF: 1/S-20-301,1/S-20-308,1/S-20-309)
THREADED AT ONE END	#5	1140	BAR LENGTH = 4'-7" (CONCRETE SLAB - REF: 1/S-20-301,1/S-20-308,1/S-20-309)
THREADED AT ONE END	#5	940	BAR LENGTH = 3'-3" (CONCRETE SLAB - REF: 1/S-20-301,1/S-20-308,1/S-20-309)
THREADED AT ONE END	#4	26	BAR LENGTH = 5'-8" (SLAB ON GRADE - REF: 1/S-20-505)
MOUNT HOLLY			
MOUNT HOLLY PUMPING STATION			
THREADED AT ONE END	#5	120	BAR LENGTH = 1'-6" (CONCRETE WALL - REF: 1/S-60-301)
THREADED AT ONE END	#5	50	BAR LENGTH = 1'-4" (CONCRETE WALL - REF: 1/S-60-301)
BAR LOCK COUPLERS DETAIL			
SIZE	QUANTITY	REMARKS	
STOWE			
#4	176	ENCASEMENT (STOWE DAY TANK #2) - REF: 1+2/S-30-301	
#4	196	ENCASEMENT (STOWE STORM FLOW EQUALIZATION BASIN #1) - REF: 1+2/S-35-301	

Kestrels Rebar

**ESTIMATED WEIGHT SUMMARY
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

**A. Estimated Weight Summary By Element
Stowe Headworks & Influent Pumping Station**

1. Continuous Footing & Dowels

CODE	104
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE		
BAR SIZE	HB	ST	Grand Total
4	94.41	61.24	155.65
Grand Total	94.41	61.24	155.65

2. Mat Slab & Dowels

CODE	105
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE				
BAR SIZE	HB	LB	SL	ST	Grand Total
3		49.64			49.64
4	328.69				328.69
5	11213.42		4380.60	129.33	15723.35
6	23666.30			3785.04	27451.34
7	2346.53				2346.53
8	153490.72		94838.40	1874.34	250203.46
9	8471.41				8471.41
10	2094.01				2094.01
11	323544.40		308154.00		631698.40
Grand Total	525155.47	49.64	407373.00	5788.71	938366.82

3. Concrete Wall

CODE	110
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE				
BAR SIZE	HB	LB	SL	ST	Grand Total
4	6.34	44835.62		36.07	44878.04
5	34827.39		18857.44	34306.52	87991.36
6	84824.62		43077.36	41452.65	169354.63
7	2207.55		12591.04	4578.56	19377.15
8	126728.07		182200.80	232402.16	541331.03
9	10149.31		4080.00		14229.31
11	5047.35		6800.64	23246.52	35094.51
Grand Total	263790.64	44835.62	267607.28	336022.49	912256.03

4. Concrete Wall (Formsavers)

CODE	110a
------	------

Sum of WEIGHT 'LBS'	BEND TYPE		
BAR SIZE	HB	ST	Grand Total
4		23.15	23.15
5	8011.72	2395.37	10407.10
6	165.24		165.24
Grand Total	8176.96	2418.53	10595.48

5. Column

CODE	111
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE		
BAR SIZE	HB	LB	Grand Total
4		8281.13	8281.13
7	10855.19		10855.19
8	4672.43		4672.43
Grand Total	15527.61	8281.13	23808.74

**ESTIMATED WEIGHT SUMMARY
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

6. Beam

CODE	113
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE				
BAR SIZE	HB	LB	ST	Grand Total	
4		3408.47			3408.47
5	3349.35	36799.55	652.92		40801.81
6	2744.14		372.50		3116.64
7	1379.03		1181.43		2560.46
8	1536.10		1316.31		2852.41
9	25543.78		45338.69		70882.47
Grand Total	34552.39	40208.02	48861.86		123622.27

7. Slab On Grade

CODE	120
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE				
BAR SIZE	HB	SL	ST	Grand Total	
4			112.22		112.22
5	4304.57	15311.24			19615.81
Grand Total	4304.57	15311.24	112.22		19728.03

8. Slab On Grade (Formsavers)

CODE	120a
------	------

Sum of WEIGHT 'LBS'	BEND TYPE		
BAR SIZE	ST	Grand Total	
4	98.42		98.42
Grand Total	98.42		98.42

9. Concrete Slab

CODE	140
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE					
BAR SIZE	HB	LB	SL	ST	Grand Total	
3		82.71				82.71
4	5833.96	420.84				6254.80
5	8462.59	573.65	46517.80	8769.55		64323.60
6	10963.88		162936.96	12183.47		186084.30
7	3504.98					3504.98
8	1513.89					1513.89
Grand Total	30279.30	1077.20	209454.76	20953.02		261764.28

10. Concrete Slab (Formsavers)

CODE	140a
------	------

Sum of WEIGHT 'LBS'	BEND TYPE		
BAR SIZE	ST	Grand Total	
5	9513.47		9513.47
6	217.77		217.77
Grand Total	9731.25		9731.25

11. Topping Slab Additional

CODE	172
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE					
BAR SIZE	HB	LB	SL	ST	Grand Total	
4	1262.96	694.72	10153.60	1323.98		13435.26
5	93.87		2336.32			2430.19
Grand Total	1356.83	694.72	12489.92	1323.98		15865.45

**ESTIMATED WEIGHT SUMMARY
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

12. Masonry Wall

CODE	190
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE				
BAR SIZE	HB	LB	SL	ST	Grand Total
4	764.89	830.27	774.88		2370.03
5	1559.29		1689.66	613.46	3862.40
6	3770.02		120.16	39588.26	43478.44
Grand Total	6094.19	830.27	2584.70	40201.72	49710.88

Stowe Day Tank No. 2

13. Concrete Encasement

CODE	286
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE				
BAR SIZE	HB	LB	ST		Grand Total
4	587.84	112.00	392.78		1092.62
5	1050.63		542.36		1592.99
6	1922.60		991.32		2913.92
Grand Total	3561.07	112.00	1926.46		5599.53

Stowe Storm Flow Equalization Basin #1

14. Concrete Encasement

CODE	386
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE				
BAR SIZE	HB	LB	ST		Grand Total
4	654.64	82.83	439.54		1177.02
5	1310.69		688.38		1999.07
6	2171.93		1126.50		3298.43
Grand Total	4137.25	82.83	2254.42		6474.51

Stowe Storm Equalization Basin #2

15. Concrete Pavement

CODE	401
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE				
BAR SIZE	HB	SL	ST		Grand Total
4	5636.40		237.81		5874.20
5	17283.98	301009.80			318293.78
Grand Total	22920.38	301009.80	237.81		324167.98

16. Water Cannon Pad

CODE	403
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE		
BAR SIZE	HB		Grand Total
4	174.39		174.39
5	3358.67		3358.67
Grand Total	3533.06		3533.06

17. Influent Headwall

CODE	404
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE		
BAR SIZE	HB	ST	Grand Total
4	45.10		45.10
5	2010.80	955.39	2966.19
Grand Total	2055.90	955.39	3011.29

**ESTIMATED WEIGHT SUMMARY
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

18. Trench Basin Drain

CODE	405
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	HB	ST		Grand Total
4	72.16			72.16
5	827.40	1608.31		2435.71
Grand Total	899.56	1608.31		2507.87

Stowe Valve Vault #3

19. Mat Footing & Dowels

CODE	505
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE		
BAR SIZE	HB		Grand Total
5	284.70		284.70
6	2433.24		2433.24
7	8646.48		8646.48
Grand Total	11364.41		11364.41

20. Concrete Wall

CODE	510
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE				
BAR SIZE	HB	SL	ST		Grand Total
5			100.13		100.13
6	8423.27	2883.84	3881.22		15188.33
Grand Total	8423.27	2883.84	3981.34		15288.46

21. Concrete Slab

CODE	540
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE				
BAR SIZE	HB	LB	ST		Grand Total
4	179.94	115.79	64.80		360.53
5	158.18				158.18
6	4333.27		52.57		4385.84
8	484.15				484.15
Grand Total	5155.54	115.79	117.37		5388.70

Stowe Generator Building

22. Continuous Footing & Dowels

CODE	604
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE				
BAR SIZE	HB	SL	ST		Grand Total
4	560.03				560.03
5	5566.70	3337.60			8904.30
7	302.48	6377.28	3035.34		9715.10
Grand Total	6429.21	9714.88	3035.34		19179.43

23. Mat Slab & Dowels

CODE	605
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE				
BAR SIZE	HB	SL	ST		Grand Total
5	363.24	333.76	250.32		947.32
6	7839.35	5707.60	600.80		14147.75
8	8511.96				8511.96
Grand Total	16714.54	6041.36	851.12		23607.02

**ESTIMATED WEIGHT SUMMARY
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

24. Concrete Wall

CODE	610
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	HB	SL	ST	Grand Total
5	753.46	500.64	83.44	1337.54
Grand Total	753.46	500.64	83.44	1337.54

25. Slab On Grade

CODE	620
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE				
BAR SIZE	HB	LB	SL	ST	Grand Total
3		14.29			14.29
4	1064.52		427.52	509.01	2001.06
5	11962.16		36525.86	10014.52	58502.53
6	5993.50				5993.50
7			9198.00		9198.00
Grand Total	19020.18	14.29	46151.38	10523.53	75709.38

26. Masonry Wall

CODE	690
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE				
BAR SIZE	HB	LB	SL	ST	Grand Total
4	1032.69	3141.11	2484.96		6658.77
5	1797.09		7259.28	13646.25	22702.62
6	4242.40			17558.24	21800.64
Grand Total	7072.18	3141.11	9744.24	31204.49	51162.02

Mount Holly Pumping Station

27. Mat Footing & Dowels

CODE	705
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	HB	SL	ST	Grand Total
4	34.52			34.52
5	5434.59	41.72	1125.92	6602.23
6	725.40			725.40
7	14801.27			14801.27
Grand Total	20995.78	41.72	1125.92	22163.41

28. Concrete Wall

CODE	710
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	HB	SL	ST	Grand Total
5	12570.15		3786.07	16356.23
6	2343.30	12616.80		14960.10
7	1381.74		1116.02	2497.77
8	4499.78		10509.12	15008.90
Grand Total	20794.98	12616.80	15411.22	48823.00

29. Concrete Wall (Formsavers)

CODE	710a
------	------

Sum of WEIGHT 'LBS'	BEND TYPE		
BAR SIZE	HB	ST	Grand Total
5	451.69	199.56	651.26
Grand Total	451.69	199.56	651.26

**ESTIMATED WEIGHT SUMMARY
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

30. Concrete Slab

CODE	740
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE	
BAR SIZE	HB	Grand Total
4	110.45	110.45
5	1875.71	1875.71
Grand Total	1986.16	1986.16

Mount Holly Electrical Building

31. Slab On Grade

CODE	820
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	HB	SL	ST	Grand Total
4	467.29		412.83	880.11
5	1560.66	2690.94	2538.14	6789.74
Grand Total	2027.95	2690.94	2950.97	7669.86

Mount Holly Generator Pad

32. Mat Slab

CODE	905
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	HB	SL	ST	Grand Total
6	4463.92	210.28	120.16	4794.36
Grand Total	4463.92	210.28	120.16	4794.36

33. Slab On Grade

CODE	920
------	-----

Sum of WEIGHT 'LBS'	BEND TYPE		
BAR SIZE	SL	ST	Grand Total
5	1168.16	834.40	2002.56
Grand Total	1168.16	834.40	2002.56

Stowe Equalization Pumping Station Renovation

34. Pump Base & Pipe Supports

CODE	1086
------	------

Sum of WEIGHT 'LBS'	BEND TYPE		
BAR SIZE	LB	ST	Grand Total
3	65.69		65.69
4	165.33		165.33
5		124.80	124.80
7		243.24	243.24
Grand Total	231.02	368.04	599.06

35. Floor Cap Slab

CODE	1201
------	------

Sum of WEIGHT 'LBS'	BEND TYPE		
BAR SIZE	SL	ST	Grand Total
4	3927.84	3393.44	7321.28
Grand Total	3927.84	3393.44	7321.28

**ESTIMATED WEIGHT SUMMARY
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

36. Concrete Modifications

CODE	1202
------	------

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	HB	LB	ST	Grand Total
4			638.61	638.61
5	595.16	321.26	758.24	1674.66
Grand Total	595.16	321.26	1396.84	2313.27

Stowe Day Tank #1

37. Isolated Footing

CODE	1303
------	------

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	HB	ST		Grand Total
4	25.83			25.83
5		817.71		817.71
Grand Total	25.83	817.71		843.54

Stowe Solids Drying Pad

38. Mat Slab & Dowels

CODE	1405
------	------

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	HB	SL	ST	Grand Total
5	4359.37	17647.56	183.57	22190.50
Grand Total	4359.37	17647.56	183.57	22190.50

39. Concrete Wall

CODE	1410
------	------

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	HB	SL	ST	Grand Total
5	442.23	1793.96	461.01	2697.20
Grand Total	442.23	1793.96	461.01	2697.20

Mount Holly Parshall Flume

40. Mat Slab & Dowels

CODE	1505
------	------

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	HB	ST		Grand Total
4	56.12			56.12
6	1323.49	1170.29		2493.79
7	2834.52			2834.52
Grand Total	4214.13	1170.29		5384.42

41. Concrete Wall

CODE	1510
------	------

Sum of WEIGHT 'LBS'	BEND TYPE			
BAR SIZE	HB	ST		Grand Total
5	784.34	3043.47		3827.81
7		5717.17		5717.17
Grand Total	784.34	8760.65		9544.98

**ESTIMATED WEIGHT SUMMARY
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

Sitework

42. Light Pole Base - Stowe

CODE	1101
------	------

Sum of WEIGHT 'LBS'	BEND TYPE		
BAR SIZE	LB	ST	Grand Total
3	594.55		594.55
6		1542.16	1542.16
Grand Total	594.55	1542.16	2136.71

43. Light Pole Base - Mount Holly

CODE	1101a
------	-------

Sum of WEIGHT 'LBS'	BEND TYPE		
BAR SIZE	LB	ST	Grand Total
3	70.51		70.51
6		198.28	198.28
Grand Total	70.51	198.28	268.79

44. Retaining Wall - Continuous Footing & Dowels

CODE	1102
------	------

Sum of WEIGHT 'LBS'	BEND TYPE		
BAR SIZE	HB	SL	Grand Total
4	1032.11	1055.44	2087.55
5	1815.66		1815.66
6	7114.19	6578.76	13692.95
7	5723.49		5723.49
Grand Total	15685.45	7634.20	23319.65

45. Retaining Wall - Concrete Wall

CODE	1103
------	------

Sum of WEIGHT 'LBS'	BEND TYPE		
BAR SIZE	SL	ST	Grand Total
4	1202.40	1022.04	2224.44
6	6728.96	5332.10	12061.06
Grand Total	7931.36	6354.14	14285.50

46. Sidewalk (Option)

CODE	901a
------	------

Sum of WEIGHT 'LBS'	BEND TYPE		
BAR SIZE	SL	ST	Grand Total
4	3473.60	3807.60	7281.20
Grand Total	3473.60	3807.60	7281.20

**ESTIMATED WEIGHT SUMMARY
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

B. Estimated Weight Summary Total

CODE	(Multiple Items)
------	------------------

Sum of WEIGHT 'LBS'	BEND TYPE				Grand Total
BAR SIZE	HB	LB	SL	ST	
3		877.38			877.38
4	20025.27	62088.12	20026.64	8765.94	110905.97
5	148439.45	37694.46	461402.34	98142.61	745678.87
6	179464.04		240860.72	130173.34	550498.10
7	53983.25		28166.32	15871.77	98021.33
8	301437.09		277039.20	246101.93	824578.23
9	44164.49		4080.00	45338.69	93583.18
10	2094.01				2094.01
11	328591.75		314954.64	23246.52	666792.91
Grand Total	1078199.36	100659.96	1346529.86	567640.81	3093029.99

Kestrels Rebar

**ESTIMATED TAKEOFF
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
1		STOWE HEADWORKS & INFLUENT PUMPING STATION							
2		REF:S-20-101 TO S-20-603							
3		MAT SLAB							
4		BASEMENT FLOOR							
5		REF:S-20-101, S-20-301							
6	105	4'-6" THK (S-11)		195	11	40.00	SL	#11 @6" LW BOT.	41441.40
7	105			195	11	40.00	HB	#11 @6" SW BOT.	41441.40
8	105			190	8	40.00	SL	#8 @6" LW TOP	20292.00
9	105			195	8	40.00	HB	#8 @6" SW TOP	20826.00
10	105			45	5	20.00	SL	3-#5 CONT. @EDGE	938.70
11	105		2	3	5	4.00	HB	3-#5 COR.	25.03
12	105	REF:S-20-304		56	11	23.00	HB	#11 @6" BEND BAR	6843.14
13									
14		REF:S-20-301							
15	105	4'-6" THK (S-10)		160	11	40.00	SL	#11 @6" LW BOT.	34003.20
16	105			162	8	40.00	SL	#8 @6" SW BOT.	17301.60
17	105			167	11	40.00	SL	#11 @6" LW TOP	35490.84
18	105			167	8	40.00	SL	#8 @6" SW TOP	17835.60
19		REF:S-20-303 & S-20-304							
20	105	4'-6" THK (S-12)		103	11	40.00	SL	#11 @6" LW BOT.	21889.56
21	105			101	11	40.00	HB	#11 @6" SW BOT.	21464.52
22	105			99	8	40.00	SL	#8 @6" LW TOP	10573.20
23	105			101	8	40.00	HB	#8 @6" SW TOP	10786.80
24									
25	105			55	5	20.00	SL	3-#5 CONT. @EDGE	1147.30
26	105		5	3	5	4.00	HB	3-#5 COR.	62.58
27		AT CONSTRUCTION TOWER							
28	105		2	35	11	30.50	HB	#11 @6" BEND BAR ES	11343.26
29	105		2	35	11	30.50	HB	#11 @6" BEND BAR ES	11343.26
30	105			11	11	103.33	HB	#11 @6" HORZ.	6039.03
31									
32		SECTIONAL FLOOR							
33		REF:S-20-302							
34	105	3'-9" THK (S-20)		420	8	40.00	HB	#8 @6" EW BOT.	44856.00
35	105			470	11	40.00	HB	#11 @6" EW TOP	99884.40
36		REF:S-20-311, S-20-315, 2/S-20-320							
37	105			54	8	13.00	ST	#8 @6" EW BOT.	1874.34
38	105		4	27	8	21.00	HB	#8 @6" BEND BAR	6055.56
39	105		4	15	8	23.83	HB	#8 @6" CONT.	3818.05
40									
41		REF:S-20-308, S-20-312							
42	105	3'-9" THK (S-21)		270	8	40.00	SL	#8 @6" LW BOT.	28836.00
43	105			295	11	40.00	SL	#11 @6" SW BOT.	62693.40
44	105			530	11	40.00	SL	#11 @6" EW TOP	112635.60
45									
46	105	REF:S-20-316		105	8	13.00	HB	#8 @6" BEND BAR	3644.55
47									
48		REF:S-20-312							
49	105			63	6	40.00	ST	#6 @6" EW BOT.	3785.04
50	105			82	6	40.00	HB	#6 @6" EW TOP	4926.56

**ESTIMATED TAKEOFF
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
51									
52	105			540	6	9.67	HB	#6 STANDEE	7839.90
53	105			110	5	20.00	SL	3-#5 CONT. @EDGE	2294.60
54	105		15	3	5	4.00	HB	3-#5 COR.	187.74
55									
56		CONCRETE WALL							
57		BASEMENT FLOOR							
58		REF:S-20-301							
59	105	4'-0" THK	2	222	11	13.50	HB	#11 @6" DWL. OF (BUNDLED)	31846.12
60	105			222	8	9.67	HB	#8 @6" DWL. IF	5729.42
61	110			222	8	31.00	ST	#8 @6" VERT. OF	18374.94
62	110			222	8	31.00	ST	#8 @6" VERT. IF	18374.94
63	110			185	8	40.00	SL	#8 @6" HORZ. OF	19758.00
64	110			185	8	40.00	SL	#8 @6" HORZ. IF	19758.00
65	110		21	222	4	4.50	LB	#4 @6" TIES	14013.97
66	110		2	30	4	4.50	LB	#4 @48" TIES	180.36
67		REF:S-20-305							
68	105	4'-0" THK	2	34	8	11.83	HB	#8 @6" DWL. EF	2148.40
69	110		2	34	6	35.67	HB	#6 @6" VERT. EF	3642.78
70	110		2	42	8	23.00	ST	#8 @6" HORZ. EF	5158.44
71	110		4	42	8	10.00	HB	#8 COR. EF	4485.60
72	110		2	25	6	20.00	SL	#6 @6" HORZ. EF	1502.00
73	110		4	19	6	4.83	HB	#6 COR. EF	551.81
74	110		2	7	4	4.50	LB	#4 @48" TIES	42.08
75		REF:S-20-308, S-20-306							
76	105	4'-0" THK	2	170	11	12.50	HB	#11 @6" DWL. EF	22580.25
77	105		2	20	10	12.17	HB	#10 @6" DWL. EF	2094.01
78	110		2	190	8	16.00	ST	#8 @6" VERT. EF	16233.60
79	110		2	70	8	40.00	SL	#8 @6" HORZ. EF	14952.00
80	110		7	95	4	4.50	LB	#4 @12" TIES	1998.99
81	110		2	25	4	4.50	LB	#4 @48" TIES	150.30
82		REF:S-20-301							
83	105	4'-0" THK	2	32	7	14.50	HB	#7 @6" DWL. EF	1896.83
84	110		2	32	8	25.25	ST	#8 @6" VERT. EF	4314.72
85	110		2	49	8	16.00	ST	#8 @6" HORZ. EF	4186.56
86		REF:S-20-304							
87	105	5'-0" THK	2	35	6	14.08	HB	#6 @6" DWL. EF	1480.69
88	110		2	35	6	25.25	HB	#6 @6" VERT. EF	2654.79
89	110		2	35	6	3.83	HB	#6 @6" DWL. EF	403.00
90	110		2	51	8	22.00	ST	#8 @6" HORZ. EF	5991.48
91	110		4	51	8	10.00	HB	#8 COR. EF	5446.80
92		REF:S-20-305							
93	105	2'-4" THK	2	34	5	6.83	HB	#5 @6" DWL. EF	484.62
94	110		2	34	5	31.00	ST	#5 @6" VERT. EF	2198.64
95	110		2	34	5	3.33	HB	#5 @6" DWL. EF	236.39
96	110		2	61	8	38.00	HB	#8 @6" HORZ. EF	12378.12
97									
98	105	1'-8" THK	2	34	5	6.83	HB	#5 @6" DWL. EF	484.62
99	110		2	34	5	10.75	ST	#5 @6" VERT. EF	762.43
100	110		2	34	5	6.08	HB	#5 @6" DWL. EF	431.43

**ESTIMATED TAKEOFF
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
101	110		2	22	8	38.00	HB	#8 @6" HORZ. EF	4464.24
102									
103	105	1'-6" THK	2	34	6	7.33	HB	#6 @6" DWL. EF	748.96
104	110		2	34	6	10.75	ST	#6 @6" VERT. EF	1097.96
105	110		2	34	6	6.58	HB	#6 @6" DWL. EF	672.36
106	110		2	22	8	38.00	HB	#8 @6" HORZ. EF	4464.24
107		REF:S-20-301							
108	105	4'-0" THK		75	11	14.50	HB	#11 @6" DWL. OF	5777.89
109	105			75	8	13.83	HB	#8 @6" DWL. IF	2770.06
110	110		2	75	8	23.08	ST	#8 @6" VERT. EF	9244.74
111	110		2	49	8	37.00	ST	#8 @6" HORZ. EF	9681.42
112	110		49	75	4	4.50	LB	#4 @6" TIES	11047.05
113	110		2	11	4	4.50	LB	#4 @48" TIES	66.13
114		REF:S-20-302							
115	105	4'-0" THK	2	106	11	13.42	HB	#11 @6" DWL. EF	15112.32
116	110		2	106	11	15.17	ST	#11 @6" VERT. EF	17083.44
117	110		2	23	8	40.00	SL	#8 @6" HORZ. EF	4912.80
118	110		4	13	8	10.00	HB	#8 COR. EF	1388.40
119	110		2	31	6	20.00	SL	#6 @6" HORZ. EF	1862.48
120	110		4	9	6	4.83	HB	#6 COR. EF	261.38
121		REF:S-20-306							
122	105	4'-0" THK	2	95	11	12.50	HB	#11 @6" DWL. EF	12618.38
123	110		2	95	8	11.42	ST	#8 @6" VERT. EF	5791.84
124	110		2	32	8	40.00	SL	#8 @6" HORZ. EF	6835.20
125	110		7	47	4	4.50	LB	#4 @12" TIES	988.97
126	110		2	13	4	4.50	LB	#4 @48" TIES	78.16
127		REF:S-20-304							
128	105	4'-0" THK	2	34	6	11.50	HB	#6 @6" DWL. EF	1174.56
129	110		2	34	6	25.25	ST	#6 @6" VERT. EF	2578.93
130	110		2	13	8	23.00	ST	#8 @6" HORZ. EF	1596.66
131	110		4	13	8	10.00	HB	#8 COR. EF	1388.40
132	110		2	50	6	20.00	SL	#6 @6" HORZ. EF	3004.00
133	110		4	38	6	4.83	HB	#6 COR. EF	1103.62
134	110		2	7	4	4.50	LB	#4 @48" TIES	42.08
135		REF:S-20-303							
136	105	4'-0" THK	2	111	11	13.50	HB	#11 @6" DWL. OF (BUNDLED)	15923.06
137	105			111	11	13.50	HB	#11 @6" DWL. IF	7961.53
138	110			111	8	25.25	ST	#8 @6" VERT. OF	7483.34
139	110			111	8	25.25	ST	#8 @6" VERT. IF	7483.34
140	110		2	85	8	40.00	SL	#8 @6" HORZ. EF	18156.00
141	110		21	111	4	4.50	LB	#4 @6" TIES	7006.99
142	110		2	15	4	4.50	LB	#4 @48" TIES	90.18
143		REF:S-20-306							
144	105	1'-0" THK	2	32	5	6.83	HB	#5 @12" DWL. EF	456.12
145	110		2	32	5	46.25	ST	#5 @12" VERT. EF	3087.28
146	110		2	46	5	39.00	ST	#5 @12" HORZ. EF	3742.28
147	110		6	46	5	4.00	HB	#5 COR. EF	1151.47
148		REF:S-20-307							
149	105	1'-0" THK	2	70	5	6.83	HB	#5 @6" DWL. EF	997.75
150	110		2	70	5	10.00	ST	#5 @6" VERT. EF	1460.20

**ESTIMATED TAKEOFF
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
151	110		2	20	5	20.00	SL	#5 @12" HORZ. EF	834.40
152	110		4	10	5	4.00	HB	#5 COR. EF	166.88
153									
154	140	8" THK SLAB		8	5	23.00	ST	#5 @12" LW	191.91
155	140			24	5	6.67	ST	#5 @12" SW	166.89
156	140			24	5	3.00	HB	#5 @12" DWL.	75.10
157		REF:S-20-302							
158	105	2'-0" THK	2	115	6	7.33	HB	#6 @6" DWL. EF	2533.26
159	110		2	115	6	11.25	HB	#6 @6" VERT. EF	3886.43
160	110		2	16	8	40.00	SL	#8 @12" HORZ. EF	3417.60
161	110		4	9	8	6.33	HB	#8 COR. EF	608.73
162									
163	105	2'-0" THK	2	115	9	10.83	HB	#9 @6" DWL. EF	8471.41
164	110		2	115	9	11.83	HB	#9 @6" VERT. EF	9253.41
165	110			32	11	40.00	SL	#11 @6" HORZ. OF	6800.64
166	110		2	17	11	11.00	HB	#11 COR.	1987.06
167	110			30	9	40.00	SL	#9 @6" HORZ. IF	4080.00
168	110		2	17	9	7.75	HB	#9 COR.	895.90
169		REF:S-20-310							
170	105			35	8	9.67	HB	#8 @12" DWL.	903.29
171	110			35	8	11.58	HB	#8 @12" VERT.	1082.43
172	110		2	19	6	19.67	HB	#6 @6" HOOPS	1122.51
173									
174		SECTIONAL FLOOR							
175		REF:S-20-306, S-20-301							
176	105	3'-4" THK		92	11	13.75	HB	#11 @6" DWL. OF	6720.95
177	105			92	8	13.08	HB	#8 @6" DWL. IF	3213.71
178	110		2	92	8	6.67	ST	#8 @6" VERT. EF	3274.87
179	110		2	25	8	40.00	SL	#8 @6" HORZ. EF	5340.00
180	110		4	19	8	10.00	HB	#8 COR. EF	2029.20
181	110		21	92	4	3.83	LB	#4 @6" TIES	4946.78
182		REF:S-20-302							
183	105	3'-4" THK	2	212	8	9.58	HB	#8 @6" DWL. EF	10848.72
184	110		2	212	8	10.08	ST	#8 @6" VERT. EF	11414.76
185	110		2	36	8	40.00	SL	#8 @6" HORZ. EF	7689.60
186	110		2	31	8	40.00	ST	#8 @6" HORZ. EF	6621.60
187	110		4	21	8	10.00	HB	#8 COR. EF	2242.80
188	110		4	21	8	6.33	HB	#8 INT. EF	1420.37
189		REF:S-20-306							
190	110	2'-6" THK	2	110	8	7.67	ST	#8 @6" DWL. EF	4503.01
191	110		2	110	8	10.08	ST	#8 @6" VERT. EF	5922.75
192	110		2	30	8	40.00	SL	#8 @6" HORZ. EF	6408.00
193	110		4	19	8	10.00	HB	#8 COR. EF	2029.20
194		REF:S-20-302							
195	105	5'-6" THK	2	72	8	8.75	HB	#8 @6" DWL. EF	3364.20
196	110		2	72	8	11.25	HB	#8 @6" VERT. EF	4325.40
197	110		2	19	8	40.00	ST	#8 @6" HORZ. EF	4058.40
198		REF:S-20-306							
199	105	2'-0" THK	2	160	6	6.58	HB	#6 @6" DWL. EF	3164.05
200	110		2	82	6	10.08	ST	#6 @12" VERT. EF	2483.73

**ESTIMATED TAKEOFF
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
201	110		2	82	6	2.83	HB	#6 @12" DWL. EF	697.85
202	110		2	36	8	40.00	SL	#8 @6" HORZ. EF	7689.60
203	110		8	19	8	6.33	HB	#8 INT. EF	2570.18
204	110		2	35	5	20.00	SL	#5 @6" HORZ. EF	1460.20
205	110		8	19	5	2.83	HB	#5 INT. EF	449.13
206		REF:S-20-306							
207	105	7'-6" THK		440	8	8.92	HB	#8 @6" DWL.	10474.52
208	110			440	8	10.08	HB	#8 @6" VERT.	11845.51
209	110			440	8	6.17	HB	#8 @6" DWL.	7243.82
210	110		6	19	8	28.00	ST	#8 @6" HORZ.	8522.64
211	110		6	19	8	17.00	HB	#8 @6" HORZ.	5174.46
212		REF:S-20-311							
213	105	2'-0" THK	2	11	6	11.33	HB	#6 @12" DWL. EF	374.49
214	110		2	11	6	30.58	HB	#6 @12" VERT. EF	1010.58
215	110		2	33	8	16.00	ST	#8 @6" HORZ. EF	2819.52
216	110		2	33	8	6.33	HB	#8 INT. EF	1116.00
217	110		2	15	6	16.00	ST	#6 @12" HORZ. EF	720.96
218	110		2	15	6	3.42	HB	#6 INT. EF	153.97
219		REF:2/S-20-320							
220	105		2	13	5	6.08	HB	#5 @6" DWL, EF	164.96
221	110		2	7	5	15.08	ST	#5 @12" VERT, EF	220.24
222	110		2	14	6	13.00	HB	#6 @6" HORZ. EF	546.73
223	110		2	10	6	13.00	HB	#6 @12" HORZ. EF	390.52
224		REF:S-20-308, S-20-301							
225	105	3'-4" THK		32	11	13.75	HB	#11 @6" DWL. OF	2337.72
226	105			32	8	13.08	HB	#8 @6" DWL. IF	1117.81
227	110		2	32	8	10.83	ST	#8 @6" VERT. EF	1851.14
228	110		2	12	8	40.00	ST	#8 @6" HORZ. EF	2563.20
229	110		2	29	8	10.00	HB	#8 COR. EF	1548.60
230	110		29	32	4	3.83	LB	#4 @6" TIES	2376.09
231		REF:S-20-317							
232	105	3'-4" THK	2	21	6	6.58	HB	#6 @6" DWL. EF	415.28
233	110		2	21	6	15.00	ST	#6 @6" VERT. EF	946.26
234	110		2	29	8	25.00	HB	#8 @6" HORZ. EF	3871.50
235		REF:S-20-309							
236	105	5'-4" THK		120	8	8.92	HB	#8 @6" DWL. OF	2856.69
237	105			120	8	8.92	HB	#8 @6" DWL. IF	2856.69
238	110			120	8	15.00	ST	#8 @6" VERT. OF	4806.00
239	110			120	8	15.00	ST	#8 @6" VERT. IF	4806.00
240	110			49	8	40.00	SL	#8 @6" HORZ. OF	5233.20
241	110			49	8	40.00	SL	#8 @6" HORZ. IF	5233.20
242	110		2	16	4	5.83	LB	#4 @48" TIES	124.69
243		REF:S-20-316							
244	105	3'-4" THK		64	11	12.67	HB	#11 @6" DWL. OF	4307.19
245	105			64	6	6.58	HB	#6 @6" DWL. IF	632.81
246	110			64	8	16.50	ST	#8 @6" VERT. OF	2819.52
247	110			64	6	16.50	ST	#6 @6" VERT. IF	1586.11
248	110			29	11	40.00	ST	#11 @6" HORZ. OF	6163.08
249	110			32	11	18.00	HB	#11 COR. OF	3060.29
250	110			29	8	40.00	ST	#8 @6" HORZ. IF	3097.20

**ESTIMATED TAKEOFF
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
251	110			32	8	10.00	HB	#8 COR. IF	854.40
252	110		16	32	4	3.83	LB	#4 @12" TIES	1310.95
253	110		6	32	4	2.50	LB	#4 @12" TIES	320.64
254		REF:S-20-318							
255	105	3'-4" THK	2	19	6	6.58	HB	#6 @6" DWL. EF	375.73
256	110		2	19	6	16.50	ST	#6 @6" VERT. EF	941.75
257	110		2	32	8	16.00	ST	#8 @6" HORZ. EF	2734.08
258	110		2	32	8	10.00	HB	#8 COR. EF	1708.80
259	110		2	5	4	3.83	LB	#4 @48" TIES	25.60
260		REF:S-20-314							
261	105	3'-4" THK	2	26	8	11.08	HB	#8 @6" DWL. EF	1538.76
262	110		2	26	6	16.50	ST	#6 @6" VERT. EF	1288.72
263	110		2	13	8	13.00	ST	#8 @6" HORZ. EF	902.46
264	110		2	19	6	13.00	ST	#6 @6" HORZ. EF	741.99
265	110		2	5	4	3.83	LB	#4 @48" TIES	25.60
266		REF:S-20-308, S-20-306							
267	105	2'-6" THK	2	130	8	8.75	HB	#8 @6" DWL. EF	6074.25
268	110		2	130	8	15.75	ST	#8 @6" VERT. EF	10933.65
269	110		2	61	8	40.00	ST	#8 @6" HORZ. EF	13029.60
270									
271	105	1'-0" THK	2	22	5	6.08	HB	#5 @12" DWL. EF	279.16
272	110		2	22	5	16.00	ST	#5 @12" VERT. EF	734.27
273	110		2	17	5	21.00	HB	#5 @12" HORZ. EF	744.70
274		REF:S-20-309							
275	105	1'-6" THK	2	170	8	10.58	HB	#8 @6" DWL. EF	9607.25
276	110		2	170	6	15.00	ST	#6 @6" VERT. EF	7660.20
277	110			170	6	5.17	HB	#6 @6" U BAR	1319.09
278	110		2	72	8	40.00	SL	#8 @6" HORZ. EF	15379.20
279		REF:S-20-308							
280	105	1'-6" THK	2	17	5	6.58	HB	#5 @6" DWL. EF	233.45
281	110		2	17	5	15.83	HB	#5 @6" VERT. EF	561.47
282	110		2	11	7	40.00	ST	#7 @6" HORZ. EF	1798.72
283									
284	105	1'-6" THK	2	43	5	6.58	HB	#5 @6" DWL. EF	590.48
285	110		2	43	5	16.17	HB	#5 @6" VERT. EF	1450.15
286	110		2	17	8	40.00	ST	#8 @6" HORZ. EF	3631.20
287	110		4	29	8	10.00	HB	#8 COR EF	3097.20
288		REF:S-20-310, S-20-301							
289	140	3'-0" THK	2	140	5	3.83	HB	#5 @6" DWL. EF	1119.39
290	110		2	140	5	15.00	ST	#5 @6" VERT. EF	4380.60
291	110			140	5	6.00	HB	#5 @6" U BAR	876.12
292	110		2	56	5	40.00	SL	#5 @6" HORZ. EF	4672.64
293		REF:S-20-303, S-20-301							
294	140	3'-0" THK	2	100	5	3.83	HB	#5 @6" DWL. EF	799.56
295	110		2	100	5	13.00	ST	#5 @6" VERT. EF	2711.80
296	110			100	5	6.00	HB	#5 @6" U BAR	625.80
297	110		2	33	5	40.00	ST	#5 @6" HORZ. EF	2753.52
298									
299	140	1'-6" THK	2	50	5	3.83	HB	#5 @6" DWL. EF	399.78
300	110		2	50	5	13.00	ST	#5 @6" VERT. EF	1355.90

**ESTIMATED TAKEOFF
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
301	110			50	5	4.50	HB	#5 @6" U BAR	234.68
302	110		2	17	7	40.00	ST	#7 @6" HORZ. EF	2779.84
303	110		4	26	7	8.00	HB	#7 COR EF	1700.61
304									
305	140	1'-6" THK	2	50	5	3.83	HB	#5 @6" DWL. EF	399.78
306	110		2	25	5	13.00	ST	#5 @12" VERT. EF	677.95
307	110			50	5	4.50	HB	#5 @12" U BAR	234.68
308	110		2	17	8	40.00	ST	#8 @6" HORZ. EF	3631.20
309	110		4	26	8	8.00	HB	#8 COR EF	2221.44
310		REF:S-20-302							
311	140	1'-0" THK	2	186	5	4.33	HB	#5 @8" DWL. EF	1681.19
312	110		2	186	5	15.83	HB	#5 @8" VERT. EF	6143.14
313	110		2	152	5	20.00	SL	#5 @8" HORZ. EF	6341.44
314									
315		INTERMEDIATE FLOOR							
316		REF:S-20-301							
317	110	24" THK	2	840	6	4.67	ST	#6 @6" DWL. EF	11774.00
318	110		2	840	6	20.50	HB	#6 @6" VERT. EF	51728.88
319	110		2	150	8	40.00	SL	#8 @6" HORZ. EF	32040.00
320	110		20	13	8	10.00	HB	#8 COR. EF	6942.00
321	110		2	575	6	20.00	SL	#6 @6" HORZ. EF	34546.00
322	110		20	24	6	4.83	HB	#6 COR .EF	3485.12
323									
324	110		2	233	8	9.00	ST	#8 @6" DWL. EF	11197.98
325	110		2	233	8	20.83	HB	#8 @6" VERT. EF	25920.84
326	110		2	44	8	40.00	SL	#8 @6" HORZ. EF	9398.40
327	110		2	13	8	10.00	HB	#8 COR. EF	694.20
328	110		2	77	7	40.00	SL	#7 @6" HORZ. EF	12591.04
329	110		2	24	7	5.17	HB	#7 COR .EF	506.94
330		REF:S-20-317							
331	110	24" THK	2	30	6	3.67	ST	#6 @6" DWL. EF	330.38
332	110		2	30	6	20.50	HB	#6 @6" VERT. EF	1847.46
333	110		2	13	8	15.00	ST	#8 @6" HORZ. EF	1041.30
334	110		4	13	8	10.00	HB	#8 COR. EF	1388.40
335	110		2	24	6	15.00	ST	#6 @6" HORZ. EF	1081.44
336	110		4	24	6	4.83	HB	#6 COR. EF	697.02
337		REF:S-20-318							
338	110	24" THK	2	28	6	3.67	ST	#6 @6" DWL. EF	308.35
339	110		2	28	6	21.08	HB	#6 @6" VERT. EF	1773.33
340	110		2	13	8	14.00	ST	#8 @6" HORZ. EF	971.88
341	110		4	13	8	10.00	HB	#8 COR. EF	1388.40
342	110		2	24	6	14.00	ST	#6 @6" HORZ. EF	1009.34
343	110		4	24	6	4.83	HB	#6 COR .EF	697.02
344									
345	110		2	14	6	9.50	ST	#6 @12" DWL. EF	399.53
346	110		2	14	6	20.50	HB	#6 @12" VERT. EF	862.15
347	110		2	13	8	13.00	ST	#8 @6" HORZ. EF	902.46
348	110		4	13	8	10.00	HB	#8 COR. EF	1388.40
349	110		2	24	6	13.00	ST	#6 @6" HORZ. EF	937.25
350	110		4	24	6	4.83	HB	#6 COR .EF	697.02

**ESTIMATED TAKEOFF
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
351		REF:S-20-306							
352	110	24" THK	2	71	6	3.67	ST	#6 @6" DWL. EF	781.90
353	110		2	71	6	20.50	HB	#6 @6" VERT. EF	4372.32
354	110		2	13	8	35.00	ST	#8 @6" HORZ. EF	2429.70
355	110		2	48	5	20.00	SL	#5 @6" HORZ. EF	2002.56
356		REF:S-20-317							
357	140	12" THK	2	150	5	3.58	HB	#5 @6" DWL. EF	1121.12
358	110		2	150	5	20.33	HB	#5 @6" VERT. EF	6362.20
359	110		2	135	5	20.00	ST	#5 @6" HORZ. EF	5632.20
360	110		18	37	5	4.00	HB	#5 COR. EF	2778.55
361	110			72	6	20.00	SL	2-#6 CONT. @DWL.	2162.88
362	110		17	2	6	4.83	HB	2-#6 COR.	246.86
363									
364		AT PUMP BASES							
365		REF:S-20-301. S-20-304, S-20-305							
366	105		14	31	5	6.83	HB	#5 @6" DWL.	3093.04
367	110		4	31	5	9.00	HB	#5 @6" BEND BAR	1163.99
368	110		5	31	5	18.50	HB	#5 @6" BEND BAR	2990.80
369	110		14	20	5	15.50	ST	#5 @6" HORZ.	4526.62
370									
371	105		2	150	5	6.83	HB	#5 @6" DWL.	2138.05
372	110		2	150	5	9.00	HB	#5 @6" BEND BAR	2816.10
373	110		2	85	5	20.00	SL	#5 @6" HORZ.	3546.20
374									
375	105		7	35	5	6.83	HB	#5 @6" DWL.	1746.07
376	110		7	35	5	7.83	HB	#5 @6" VERT.	2001.61
377	110		7	15	5	20.33	HB	#5 @6" HORZ.	2226.66
378	110		7	11	5	6.83	HB	#5 @6" LW TOP	548.77
379	110		7	13	5	6.67	HB	#5 @6" SW TOP	632.69
380									
381	110a	FEMALE END	5	20	5	4.67	HB	#5 @24" DWL. (FORMSAVER)	486.66
382	110a	FEMALE END	2	20	5	3.17	HB	#5 @24" DWL. (FORMSAVER)	132.09
383	110a	MALE END	7	20	5	2.00	ST	#5 @24" DWL. (FORMSAVER)	292.04
384									
385	110a	FEMALE END	7	42	5	4.67	HB	#5 @24" DWL. (FORMSAVER)	1430.79
386	110a	MALE END	7	6	5	4.83	HB	#5 @24" DWL. (FORMSAVER)	211.71
387	110a	MALE END	7	12	5	2.00	ST	#5 @24" DWL. (FORMSAVER)	175.22
388	110a	MALE END	7	24	5	2.83	HB	#5 @24" DWL. (FORMSAVER)	496.41
389									
390	110a	FEMALE END	7	28	5	4.67	HB	#5 @24" DWL. (FORMSAVER)	953.86
391	110a	MALE END	7	12	5	2.00	ST	#5 @24" DWL. (FORMSAVER)	175.22
392	110a	MALE END	7	16	5	3.83	HB	#5 @24" DWL. (FORMSAVER)	447.76
393									
394	110a	FEMALE END		54	5	4.67	HB	#5 @24" DWL. (FORMSAVER)	262.80
395	110a	MALE END		9	5	3.42	HB	#5 @24" DWL. (FORMSAVER)	32.07
396	110a	MALE END		18	5	2.00	ST	#5 @24" DWL. (FORMSAVER)	37.55
397	110a	MALE END		27	5	2.17	HB	#5 @24" DWL. (FORMSAVER)	61.00
398									
399	110a	FEMALE END		54	5	3.00	HB	#5 @24" DWL. (FORMSAVER)	168.97
400	110a	MALE END		9	5	3.42	HB	#5 @24" DWL. (FORMSAVER)	32.07

**ESTIMATED TAKEOFF
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
401	110a	MALE END		18	5	2.00	ST	#5 @24" DWL. (FORMSAVER)	37.55
402	110a	MALE END		27	5	2.17	HB	#5 @24" DWL. (FORMSAVER)	61.00
403									
404	110a	FEMALE END		54	5	2.33	HB	#5 @24" DWL. (FORMSAVER)	131.40
405	110a	MALE END		9	5	3.42	HB	#5 @24" DWL. (FORMSAVER)	32.07
406	110a	MALE END		18	5	2.00	ST	#5 @24" DWL. (FORMSAVER)	37.55
407	110a	MALE END		27	5	2.17	HB	#5 @24" DWL. (FORMSAVER)	61.00
408									
409	110a	FEMALE END		54	5	2.17	HB	#5 @24" DWL. (FORMSAVER)	121.99
410	110a	MALE END		9	5	3.42	HB	#5 @24" DWL. (FORMSAVER)	32.07
411	110a	MALE END		18	5	2.00	ST	#5 @24" DWL. (FORMSAVER)	37.55
412	110a	MALE END		27	5	2.17	HB	#5 @24" DWL. (FORMSAVER)	61.00
413									
414		CONCRETE COLUMN							
415		REF:S-20-602, S-99-505							
416		BASEMENT FLOOR							
417		REF:S-20-101							
418	105	16"X16"	6	4	7	9.17	HB	4-#7 DWL.	449.70
419	111		6	4	7	11.17	HB	4-#7 VERT	547.81
420	111		6	21	4	5.08	LB	#4 @5" TIES	427.74
421		INTERMEDIATE FLOOR							
422		REF:S-20-103							
423	140	20"X20"	28	8	7	5.67	HB	8-#7 DWL.	2594.67
424	111		28	8	7	20.67	HB	8-#7 VERT.	9462.51
425	111		28	29	4	6.42	LB	#4 @8" TIES	3481.23
426	111		28	58	4	2.17	LB	#4 @8" EW	2350.83
427									
428	140	20"X20"	4	16	8	6.75	HB	16-#8 DWL.	1153.44
429	111		4	16	8	20.83	HB	16-#8 VERT.	3559.94
430	111		4	29	4	6.42	LB	#4 @8" TIES	497.32
431	111		4	58	4	2.17	LB	#4 @8" EW	335.83
432									
433	140	20"X39"		20	8	6.75	HB	20-#8 DWL.	360.45
434	111			20	8	20.83	HB	20-#8 VERT.	1112.48
435	111			29	4	9.58	LB	#4 @8" TIES	185.66
436	111			87	4	3.75	LB	#4 @8" LINKS LW	217.94
437	111			87	4	2.17	LB	#4 @8" LINKS SW	125.94
438									
439	140	20"X55"		20	7	5.67	HB	20-#7 DWL.	231.67
440	111			20	7	20.67	HB	20-#7 VERT.	844.87
441	111			29	4	12.25	LB	#4 @8" TIES	237.31
442	111			87	4	5.08	LB	#4 @8" LINKS LW	295.40
443	111			87	4	2.17	LB	#4 @8" LINKS SW	125.94
444									
445		CONCRETE BEAM							
446		REF:S-20-601, S-99-504							
447		INTERMEDIATE FLOOR							
448		REF:S-20-103 & A/S-20-305							
449	113	2'-0"X3'-0"	5	12	9	23.17	HB	12-#9 CONT.	4725.86
450	113		5	4	5	21.67	HB	4-#5 CONT.	451.95

**ESTIMATED TAKEOFF
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
451	113		5	25	4	8.75	LB	#4 @12" STIRR.	730.63
452	113		5	25	4	7.75	LB	#4 @12" STIRR.	647.13
453	113		5	25	4	2.75	LB	#4 @12" STIRR.	229.63
454	113		5	25	4	2.75	LB	#4 @12" STIRR.	229.63
455	113		5	25	4	8.75	LB	#4 @12" STIRR.	730.63
456									
457	113	B301	4	3	8	25.00	ST	3-#8 BOT.	801.00
458	113	14"X36"	4	3	8	27.67	HB	3-#8 TOP	886.42
459	113		8	3	5	26.67	HB	3-#5 SIDE BAR EF	667.50
460	113		4	32	4	7.92	LB	#4 @10" STIRR	676.94
461	113		4	32	4	1.92	LB	#4 @10" STIRR	163.91
462									
463		OPERATING FLOOR							
464		REF:S-20-104							
465		B101, B102, B103							
466	113	24"X24"		4	7	51.00	ST	4-#7 BOT.	416.98
467	113			4	7	56.67	HB	4-#7 TOP	463.31
468	113			108	5	6.25	LB	#5 @5" STIRR. SA	704.03
469	113			108	5	2.75	LB	#5 @5" STIRR. SA	309.77
470		B104, B105							
471	113	24"X24"		4	7	32.50	ST	4-#7 BOT.	265.72
472	113			4	7	39.33	HB	4-#7 TOP	321.59
473	113			72	5	6.25	LB	#5 @5" STIRR. SA	469.35
474	113			72	5	2.75	LB	#5 @5" STIRR. SA	206.51
475		B106							
476	113	12"X24"		2	8	8.00	ST	2-#8 BOT.	42.72
477	113			2	8	10.67	HB	2-#8 TOP	56.96
478	113		2	1	5	9.67	HB	1-#5 SIDE BAR EF	20.16
479	113			21	5	6.25	LB	#5 @5" STIRR. SA	136.89
480	113			21	5	1.75	LB	#5 @5" STIRR. SA	38.33
481		B107, B108, B109, B110							
482	113	24"X30"	2	3	9	76.25	ST	3-#9 BOT. (DOUBLE)	1555.52
483	113		2	3	9	91.17	HB	3-#9 TOP (DOUBLE)	1859.79
484	113			150	5	7.25	LB	#5 @5" STIRR. SA	1134.26
485	113			150	5	2.75	LB	#5 @5" STIRR. SA	430.24
486	113		2	16	9	2.00	ST	#9 @48" SUPT. BAR T&B	217.60
487		B112, B116							
488	113	36"X48"		6	9	44.83	ST	6-#9 BOT.	914.61
489	113			6	9	51.17	HB	6-#9 TOP	1043.79
490	113		2	2	5	39.67	HB	2-#5 SIDE BAR EF	165.49
491	113			83	5	11.25	LB	#5 @5" STIRR. SA	973.90
492	113			83	5	3.75	LB	#5 @5" STIRR. SA	324.63
493		B113, B114, B117, B118							
494	113	36"X48"		6	9	95.83	ST	6-#9 BOT.	1955.01
495	113			6	9	116.17	HB	6-#9 TOP	2369.79
496	113		2	2	5	90.67	HB	2-#5 SIDE BAR EF	378.26
497	113			206	5	11.25	LB	#5 @5" STIRR. SA	2417.15
498	113			206	5	3.75	LB	#5 @5" STIRR. SA	805.72
499		B119							
500	113	35"X48"		6	9	19.00	ST	6-#9 BOT.	387.60

**ESTIMATED TAKEOFF
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
501	113			6	9	22.17	HB	6-#9 TOP	452.19
502	113		2	2	5	20.67	HB	2-#5 SIDE BAR EF	86.22
503	113			46	5	11.17	LB	#5 @5" STIRR. SA	535.77
504	113			46	5	3.67	LB	#5 @5" STIRR. SA	175.94
505		B120							
506	113	24"X36"	2	3	9	17.00	ST	3-#9 BOT. (DOUBLE)	346.80
507	113		2	3	9	25.58	HB	3-#9 TOP (DOUBLE)	521.89
508	113		2	1	5	19.83	HB	1-#5 SIDE BAR EF	41.37
509	113			42	5	8.25	LB	#5 @5" STIRR. SA	361.40
510	113			42	5	2.75	LB	#5 @5" STIRR. SA	120.47
511	113		2	5	9	2.00	ST	#9 @48" SUPT. BAR T&B	68.00
512		B121							
513	113	24"X36"	2	3	9	27.42	ST	3-#9 BOT. (DOUBLE)	559.31
514	113		2	3	9	29.00	ST	3-#9 TOP (DOUBLE)	591.60
515	113		2	1	5	24.00	ST	1-#5 SIDE BAR EF	50.06
516	113			53	5	8.25	LB	#5 @5" STIRR. SA	456.05
517	113			53	5	2.75	LB	#5 @5" STIRR. SA	152.02
518	113		2	7	9	2.00	ST	#9 @48" SUPT. BAR T&B	95.20
519		B122							
520	113	24"X36"	2	3	9	10.00	ST	3-#9 BOT. (DOUBLE)	204.00
521	113		2	3	9	18.58	HB	3-#9 TOP (DOUBLE)	379.09
522	113		2	1	5	12.83	HB	1-#5 SIDE BAR EF	26.77
523	113			25	5	8.25	LB	#5 @5" STIRR. SA	215.12
524	113			25	5	2.75	LB	#5 @5" STIRR. SA	71.71
525	113		2	4	9	2.00	ST	#9 @48" SUPT. BAR T&B	54.40
526		B123, B124							
527	113	24"X30"	2	3	9	38.00	ST	3-#9 BOT. (DOUBLE)	775.20
528	113		2	3	9	44.33	HB	3-#9 TOP (DOUBLE)	904.37
529	113		2	1	5	41.33	HB	1-#5 SIDE BAR EF	86.22
530	113			93	5	7.25	LB	#5 @5" STIRR. SA	703.24
531	113			93	5	2.75	LB	#5 @5" STIRR. SA	266.75
532	113		2	11	9	2.00	ST	#9 @48" SUPT. BAR T&B	149.60
533		B125, B126							
534	113	36"X48"		6	9	53.42	ST	6-#9 BOT.	1089.71
535	113			6	9	65.17	HB	6-#9 TOP	1329.39
536	113		2	2	5	53.67	HB	2-#5 SIDE BAR EF	223.89
537	113			120	5	11.25	LB	#5 @5" STIRR. SA	1408.05
538	113			120	5	3.75	LB	#5 @5" STIRR. SA	469.35
539		B127, B131							
540	113	24"X30"	2	3	9	47.83	ST	3-#9 BOT. (DOUBLE)	975.81
541	113		2	3	9	54.17	HB	3-#9 TOP (DOUBLE)	1104.99
542	113		2	1	5	42.67	HB	1-#5 SIDE BAR EF	89.00
543	113			90	5	7.25	LB	#5 @5" STIRR. SA	680.56
544	113			90	5	2.75	LB	#5 @5" STIRR. SA	258.14
545	113		2	11	9	2.00	ST	#9 @48" SUPT. BAR T&B	149.60
546		B128, B129							
547	113	36"X36"	2	5	9	38.42	ST	5-#9 BOT. (DOUBLE)	1306.18
548	113		2	5	9	41.58	HB	5-#9 TOP (DOUBLE)	1413.82
549	113		2	1	5	37.83	HB	1-#5 SIDE BAR EF	78.92
550	113			80	5	9.25	LB	#5 @5" STIRR. SA	771.82

**ESTIMATED TAKEOFF
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
551	113			80	5	3.75	LB	#5 @5" STIRR. SA	312.90
552	113		2	9	9	3.00	ST	#9 @48" SUPT. BAR T&B	183.60
553		B130							
554	113	24"X30"	2	3	9	15.00	ST	3-#9 BOT. (DOUBLE)	306.00
555	113		2	3	9	18.17	HB	3-#9 TOP (DOUBLE)	370.59
556	113		2	1	5	16.67	HB	1-#5 SIDE BAR EF	34.77
557	113			36	5	7.25	LB	#5 @5" STIRR. SA	272.22
558	113			36	5	2.75	LB	#5 @5" STIRR. SA	103.26
559	113		2	5	9	2.00	ST	#9 @48" SUPT. BAR T&B	68.00
560		B132, B133, B134							
561	113	36"X36"	2	5	9	56.83	ST	5-#9 BOT. (DOUBLE)	1932.36
562	113		2	5	9	61.58	HB	5-#9 TOP (DOUBLE)	2093.82
563	113		2	1	5	50.83	HB	1-#5 SIDE BAR EF	106.04
564	113			110	5	9.25	LB	#5 @5" STIRR. SA	1061.25
565	113			110	5	3.75	LB	#5 @5" STIRR. SA	430.24
566	113		2	13	9	3.00	ST	#9 @48" SUPT. BAR T&B	265.20
567		B135							
568	113	24"X30"	2	3	9	19.00	ST	3-#9 BOT. (DOUBLE)	387.60
569	113		2	3	9	27.58	HB	3-#9 TOP (DOUBLE)	562.69
570	113		2	1	5	21.83	HB	1-#5 SIDE BAR EF	45.54
571	113			46	5	7.25	LB	#5 @5" STIRR. SA	347.84
572	113			46	5	2.75	LB	#5 @5" STIRR. SA	131.94
573	113		2	6	9	2.00	ST	#9 @48" SUPT. BAR T&B	81.60
574		B136, B137, B140, B141, B144, B145							
575	113	36"X36"	2	5	9	123.50	ST	5-#9 BOT. (DOUBLE)	4199.07
576	113		2	5	9	133.00	ST	5-#9 TOP (DOUBLE)	4522.00
577	113		2	1	5	105.00	ST	1-#5 SIDE BAR EF	219.03
578	113			220	5	9.25	LB	#5 @5" STIRR. SA	2122.51
579	113			220	5	3.75	LB	#5 @5" STIRR. SA	860.48
580	113		2	25	9	3.00	ST	#9 @48" SUPT. BAR T&B	510.00
581		B138, B139, B142, B143, B146							
582	113	24"X30"	2	3	9	81.00	ST	3-#9 BOT. (DOUBLE)	1652.40
583	113		2	3	9	88.92	HB	3-#9 TOP (DOUBLE)	1813.87
584	113		2	1	5	85.17	HB	1-#5 SIDE BAR EF	177.65
585	113			200	5	7.25	LB	#5 @5" STIRR. SA	1512.35
586	113			200	5	2.75	LB	#5 @5" STIRR. SA	573.65
587	113		2	24	9	2.00	ST	#9 @48" SUPT. BAR T&B	326.40
588		B147							
589	113	30"X30"	2	4	9	7.00	ST	4-#9 BOT. (DOUBLE)	190.40
590	113		2	4	9	8.58	HB	4-#9 TOP (DOUBLE)	233.46
591	113		2	1	5	7.83	HB	1-#5 SIDE BAR EF	16.34
592	113			17	5	7.75	LB	#5 @5" STIRR. SA	137.42
593	113			17	5	3.25	LB	#5 @5" STIRR. SA	57.63
594	113		2	3	9	2.50	ST	#9 @48" SUPT. BAR T&B	51.00
595		B148							
596	113	24"X30"	2	4	9	12.00	ST	4-#9 BOT. (DOUBLE)	326.40
597	113		2	4	9	13.58	HB	4-#9 TOP (DOUBLE)	369.46
598	113		2	1	5	12.83	HB	1-#5 SIDE BAR EF	26.77
599	113			30	5	7.75	LB	#5 @5" STIRR. SA	242.50
600	113			30	5	3.25	LB	#5 @5" STIRR. SA	101.69

**ESTIMATED TAKEOFF
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
601	113		2	4	9	2.50	ST	#9 @48" SUPT. BAR T&B	68.00
602		B149, B150, B151							
603	113	36"X48"		6	9	24.00	ST	6-#9 BOT.	489.60
604	113			6	9	27.17	HB	6-#9 TOP	554.19
605	113		2	2	5	25.67	HB	2-#5 SIDE BAR EF	107.08
606	113			60	5	11.25	LB	#5 @5" STIRR. SA	704.03
607	113			60	5	3.75	LB	#5 @5" STIRR. SA	234.68
608		B152, B153, B154, B155, B156, B157, B158, B159, B166 TO B172							
609	113	36"X36"	2	5	9	197.09	ST	5-#9 BOT. (DOUBLE)	6700.89
610	113		2	5	9	212.00	ST	5-#9 TOP (DOUBLE)	7208.00
611	113		2	1	5	184.00	ST	1-#5 SIDE BAR EF	383.82
612	113			410	5	9.25	LB	#5 @5" STIRR. SA	3955.58
613	113			410	5	3.75	LB	#5 @5" STIRR. SA	1603.61
614	113		2	45	9	3.00	ST	#9 @48" SUPT. BAR T&B	918.00
615		B160, B161, B163, B164, B165							
616	113	24"X30"	2	3	9	94.25	ST	3-#9 BOT. (DOUBLE)	1922.72
617	113		2	3	9	108.50	HB	3-#9 TOP (DOUBLE)	2213.36
618	113		2	1	5	89.00	HB	1-#5 SIDE BAR EF	185.65
619	113			190	5	7.25	LB	#5 @5" STIRR. SA	1436.73
620	113			190	5	2.75	LB	#5 @5" STIRR. SA	544.97
621	113		2	22	9	2.00	ST	#9 @48" SUPT. BAR T&B	299.20
622		B174, B175							
623	113	24"X24"		4	7	36.00	ST	4-#7 BOT.	294.34
624	113			4	7	45.33	HB	4-#7 TOP	370.65
625	113			70	5	6.25	LB	#5 @5" STIRR. SA	456.31
626	113			70	5	2.75	LB	#5 @5" STIRR. SA	200.78
627		B176, B177							
628	113	24"X30"	2	3	9	35.42	ST	3-#9 BOT. (DOUBLE)	722.51
629	113		2	3	9	38.58	HB	3-#9 TOP (DOUBLE)	787.09
630	113		2	1	5	32.83	HB	1-#5 SIDE BAR EF	68.49
631	113			75	5	7.25	LB	#5 @5" STIRR. SA	567.13
632	113			75	5	2.75	LB	#5 @5" STIRR. SA	215.12
633	113		2	9	9	2.00	ST	#9 @48" SUPT. BAR T&B	122.40
634		B180, B181							
635	113	18"X24"		3	8	20.00	ST	3-#8 BOT.	160.20
636	113			3	8	25.33	HB	3-#8 TOP	202.91
637	113			50	5	5.75	LB	#5 @5" STIRR. SA	299.86
638	113			50	5	2.25	LB	#5 @5" STIRR. SA	117.34
639		B182							
640	113	24"X30"	2	3	9	20.00	ST	3-#9 BOT. (DOUBLE)	408.00
641	113		2	3	9	21.58	HB	3-#9 TOP (DOUBLE)	440.29
642	113		2	1	5	20.83	HB	1-#5 SIDE BAR EF	43.46
643	113			50	5	7.25	LB	#5 @5" STIRR. SA	378.09
644	113			50	5	2.75	LB	#5 @5" STIRR. SA	143.41
645	113		2	6	9	2.00	ST	#9 @48" SUPT. BAR T&B	81.60
646		B183, B184							
647	113	18"X36"		3	8	39.00	ST	3-#8 BOT.	312.39
648	113			3	8	48.67	HB	3-#8 TOP	389.81
649	113		2	1	5	43.50	HB	1-#5 SIDE BAR EF	90.74
650	113			95	5	7.75	LB	#5 @5" STIRR. SA	767.91

**ESTIMATED TAKEOFF
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
651	113			95	5	2.25	LB	#5 @5" STIRR. SA	222.94
652		B185, B186, B187, B188, B189							
653	113	18"X18"		3	6	82.67	ST	3-#6 BOT.	372.50
654	113			3	6	83.50	HB	3-#6 TOP	376.25
655	113			180	5	4.75	LB	#5 @5" STIRR. SA	891.77
656	113			180	5	2.25	LB	#5 @5" STIRR. SA	422.42
657		B196							
658	113	24"X44"		4	7	25.00	ST	4-#7 BOT.	204.40
659	113			4	7	27.33	HB	4-#7 TOP	223.48
660	113		2	2	5	26.67	HB	2-#5 SIDE BAR EF	111.25
661	113			60	5	9.58	LB	#5 @5" STIRR. SA	599.77
662	113			60	5	2.75	LB	#5 @5" STIRR. SA	172.10
663						3000.00		1 1/2" BEAM BOLSTERS	
664									
665		CONCRETE SLAB							
666		SECTIONAL FLOOR							
667		REF:S-20-102, S-20-301, S-20-302							
668	140	2'-0" THK		85	6	40.00	HB	#6 @6" EW BOT.	5106.80
669	140			85	6	40.00	HB	#6 @6" EW TOP	5106.80
670	140			45	6	6.83	HB	#6 STANDEE	461.91
671						200.00		1 1/2" SLAB BOLSTERS	
672									
673		UPPER CHANNEL FLOOR							
674		REF:S-20-316							
675	140	12" THK	2	210	5	20.00	SL	#5 @6" LW T&B	8761.20
676	140			120	4	4.83	HB	#4 STANDEE	387.41
677						100.00		1 1/2" SLAB BOLSTERS	
678		REF:S-20-301							
679	140	12" THK	4	40	5	20.00	SL	#5 @6" LW T&B	3337.60
680	140		2	64	4	4.83	HB	#4 STANDEE	413.24
681						250.00		1 1/2" SLAB BOLSTERS	
682		REF:S-20-310							
683	140	5" THK		30	6	20.00	ST	#6 @8" EW	901.20
684									
685		FORMSAVERS							
686		REF:S-20-301, S-20-303, S-20-310							
687	110a	FEMALE END	2	270	5	3.50	HB	#5 @6" DWL. T&B (FORMSAVER	1971.27
688	110a	FEMALE END	2	20	5	3.50	HB	#5 @6" DWL. T&B (FORMSAVER	146.02
689	110a	FEMALE END	2	100	5	2.17	HB	#5 @6" DWL. T&B (FORMSAVER	451.83
690	110a	FEMALE END	1	30	6	3.67	HB	#6 @8" DWL. (FORMSAVER)	165.24
691									
692	140a	MALE END	2	270	5	3.25	ST	#5 @6" DWL. T&B (FORMSAVER	1830.47
693	140a	MALE END	2	20	5	4.83	ST	#5 @6" DWL. T&B (FORMSAVER	201.63
694	140a	MALE END	2	100	5	3.25	ST	#5 @6" DWL. T&B (FORMSAVER	677.95
695	140a	MALE END	1	30	6	4.83	ST	#6 @8" DWL. (FORMSAVER)	217.77
696									
697		REF:S-20-308							
698	110a	FEMALE END	2	50	5	2.83	ST	#5 @6" DWL. T&B (FORMSAVER	295.48
699	110a	FEMALE END	2	20	5	2.83	ST	#5 @6" DWL. T&B (FORMSAVER	118.19
700	110a	FEMALE END	2	50	5	2.17	HB	#5 @6" DWL. T&B (FORMSAVER	225.91

**ESTIMATED TAKEOFF
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
701									
702	140a	MALE END	2	100	5	3.25	ST	#5 @6" DWL. T&B (FORMSAVER	677.95
703	140a	MALE END	2	20	5	3.25	ST	#5 @6" DWL. T&B (FORMSAVER	135.59
704	140a	MALE END	2	20	5	4.83	ST	#5 @6" DWL. T&B (FORMSAVER	201.63
705	140a	MALE END	2	50	5	3.25	ST	#5 @6" DWL. T&B (FORMSAVER	338.98
706									
707		REF:S-20-309							
708	110a	FEMALE END	2	190	5	1.50	ST	#5 @6" DWL. T&B (FORMSAVER	594.51
709	110a	FEMALE END	2	190	5	1.50	ST	#5 @6" DWL. T&B (FORMSAVER	594.51
710									
711	140a	MALE END	2	380	5	4.58	ST	#5 @6" DWL. T&B (FORMSAVER	3632.85
712	140a	MALE END	2	190	5	4.58	ST	#5 @6" DWL. T&B (FORMSAVER	1816.43
713									
714		INTERMEDIATE FLOOR							
715		REF:S-20-103 & S-99-519							
716		12" THK							
717	140	S-30 MARK	2	185	5	20.00	SL	#5 @8" SW T&B	7718.20
718	140		2	125	5	20.00	SL	#5 @10" LW T&B	5215.00
719									
720	140	S-31 MARK	2	930	6	20.00	SL	#6 @6" EW T&B	55874.40
721									
722	140	S-32 MARK	2	160	6	20.00	SL	#6 @8" SW T&B	9612.80
723	140		2	110	5	20.00	SL	#5 @10" LW T&B	4589.20
724									
725	140	S-33 MARK	2	30	5	20.00	SL	#5 @8" SW T&B	1251.60
726	140		2	20	5	20.00	SL	#5 @10" LW T&B	834.40
727									
728	140	S-34 MARK	2	290	5	20.00	SL	#5 @8" EW T&B	12098.80
729		18" THK							
730	140			650	4	4.83	HB	#4 STANDEE	2098.49
731						2500.00		1 1/2" SLAB BOLSTERS	
732		OPNG. ADD'L							
733	140	REF:S-99-501	8	12	5	9.00	ST	#5 ADD'L ES T&B	901.15
734	140		16	12	5	6.00	ST	#5 ADD'L ES T&B	1201.54
735	140		20	4	5	10.00	ST	#5 ADD'L ES T&B	834.40
736	140		20	4	5	9.75	ST	#5 ADD'L ES T&B	813.54
737	140		8	15	6	9.67	ST	#6 ADD'L ES T&B	1742.20
738	140		16	15	6	6.67	ST	#6 ADD'L ES T&B	2402.96
739	140		8	4	6	20.00	SL	#6 ADD'L ES T&B	961.28
740	140		8	7	6	12.00	ST	#6 ADD'L ES T&B	1009.34
741	140		2	152	5	3.00	ST	#5 DIAG. T&B	951.22
742									
743	140		2	9	5	21.00	ST	#5 @8" LW T&B	394.25
744	140		2	33	5	5.00	ST	#5 @8" SW T&B	344.19
745									
746		OPERATING FLOOR							
747		REF:S-20-104 & S-99-519							
748	140	15" THK		790	6	40.00	SL	#6 @9" EW BOT.	47463.20
749	140			800	6	40.00	SL	#6 @9" EW TOP	48064.00
750	140			690	4	5.17	HB	#4 STANDEE	2381.57

**ESTIMATED TAKEOFF
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
751						2700.00		1 1/2" SLAB BOLSTERS	
752		TRENCH							
753	140	REF:S-20-302	2	65	5	20.00	SL	#5 @8" LW T&B	2711.80
754	140			136	5	9.17	HB	#5 @8" SW BOT.	1300.18
755	140			136	5	7.50	ST	#5 @8" SW TOP	1063.86
756	140			50	4	4.83	HB	#4 STANDEE	161.42
757		OPNG. ADD'L							
758	140	REF:S-99-501	16	11	6	9.67	ST	#6 ADD'L ES T&B	2555.23
759	140		20	11	6	6.67	ST	#6 ADD'L ES T&B	2202.71
760	140		8	4	6	20.00	SL	#6 ADD'L ES T&B	961.28
761	140		8	7	6	12.00	ST	#6 ADD'L ES T&B	1009.34
762	140		2	104	5	3.00	ST	#5 DIAG. T&B	650.83
763									
764	140	REF:S-20-301		160	4	3.67	HB	#4 @12" U BAR @OVERHANG	391.82
765									
766	140	CURB	7	36	5	3.08	HB	#5 @12" L BAR	810.32
767	140	REF:A/S-20-304	7	2	5	42.00	HB	2-#5 CONT.	613.28
768		ENCASEMENT							
769	140	REF:S-20-314	2	25	5	11.00	LB	#5 @8" TIES	573.65
770		8" THK CAP SLAB							
771		REF:S-20-304, S-20-305							
772	140		2	18	5	16.00	ST	#5 @8" LW	600.77
773	140		2	25	5	11.00	ST	#5 @8" SW	573.65
774	140		2	13	5	3.50	HB	#5 @16" DWL.	94.91
775	140		2	13	5	3.00	ST	#5 @16" DWL.	81.35
776									
777		SLAB ON GRADE							
778		REF:S-20-104							
779	120	12" THK SOG	2	277	5	20.00	SL	#5 @12" EW T&B	11556.44
780						640.00		4 1/2" CHCU	
781									
782	120	DRAIN	2	14	5	23.67	HB	#5 @8" LW T&B	691.14
783	120	REF:C/S-20-505	2	66	5	5.67	HB	#5 @8" SW T&B	780.07
784	120		2	80	5	6.67	HB	#5 @8" D/V EF	1112.42
785	120		2	6	5	55.33	HB	#5 @8" HORZ. EF	692.54
786									
787	120	6" THK SOG		160	5	20.00	SL	#5 @12" EW	3337.60
788	120	REF:2/S-20-505		190	5	5.00	HB	#5 @12" BEND BAR	990.85
789	120			20	5	20.00	SL	2-#5 CONT.	417.20
790	120		6	2	5	3.00	HB	2-#5 COR.	37.55
791		8" TO 6 1/2" THK SOG							
792	120	REF:1/S-20-505	2	7	4	12.00	ST	#4 @12" LW T&B	112.22
793	110a	FEMALE END	2	13	4	1.33	ST	#4 @12" SW T&B (FORMSAVER)	23.15
794	120a	MALE END	2	13	4	5.67	ST	#4 @12" SW T&B (FORMSAVER)	98.42
795									
796		CONTINUOUS FOOTING							
797		REF:1/S-20-505							
798	104	2'-8"X1'-0"		3	4	19.00	ST	3-#4 CONT.	38.08
799	104			3	4	2.67	HB	3-#4 COR.	5.34
800	104			16	4	2.17	ST	#4 @12" TRANS.	23.16

**ESTIMATED TAKEOFF
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
801									
802		CONCRETE WALL							
803	104	8" THK WALL		20	4	6.67	HB	#4 @12" D/V	89.07
804	110			3	4	18.00	ST	#4 @12" HORZ.	36.07
805	110			3	4	3.17	HB	#4 COR.	6.34
806									
807		ROOF LEVEL							
808		REF:S-20-105							
809		TOPPING SLAB							
810		3" THK TOPPING SLAB - REF:S-20-105							
811	172			720	4	20.00	SL	#4 @12" EW	9619.20
812						1600.00		1" SLAB BOLSTERS	
813	172			66	5	20.00	SL	3-#5 CONT. @PERIMETER	1376.76
814	172		6	3	5	3.00	HB	3-#5 CONR.	56.32
815									
816	172	REF:E+F/S-20-504		40	5	20.00	SL	2-#5 CONT.	834.40
817	172		5	2	5	3.00	HB	2-#5 COR.	31.29
818	172			40	4	20.00	SL	2-#4 CONT.	534.40
819	172		5	2	4	2.67	HB	2-#4 COR.	17.81
820	172			270	4	4.00	HB	#4 @16" L BAR	721.44
821		CURB							
822		REF:A+B+C/S-20-502							
823	172		8	4	4	46.00	ST	4-#4 CONT. EF	983.30
824	172		32	4	4	3.00	HB	4-#4 COR. EF	256.51
825	172		4	65	4	4.00	LB	#4 @9" U BAR T&B	694.72
826	172		4	50	4	2.00	HB	#4 @12" L BAR	267.20
827		REF:D+E/S-20-502							
828	172		2	51	4	5.00	ST	#4 @12" ADD'L T&B	340.68
829		REF:F+G+H+J/S-20-502							
830	172			6	5	20.00	SL	1-#5 CONT.	125.16
831	172		2	1	5	3.00	HB	1-#5 COR.	6.26
832		REF:K/S-20-502							
833	190			250	5	5.50	HB	#5 @8" L BAR	1434.13
834		REF:A+B+C+D/S-20-504							
835	190			7	5	20.00	SL	1-#5 CONT.	146.02
836	190		10	1	5	3.00	HB	1-#5 COR.	31.29
837	190			7	5	20.00	SL	2-#5 CONT.	146.02
838	190			270	4	3.50	HB	#4 @8" L BAR	631.26
839									
840		MASONRY WALL							
841		REF:A-20-101, A-20-201, S-20-104, S-99-506							
842		ALONG GRID A (SOUTH ELEVATION)							
843		MSW-1 / 12" MASONRY							
844	110		2	42	6	6.08	ST	2-#6 @8" DWL.	767.48
845	190		2	42	6	40.67	ST	2-#6 @8" VERT.	5130.87
846	190		2	24	6	9.33	ST	2-#6 @8" VERT. @OPNG.	672.87
847	190		2	24	6	5.25	HB	2-#6 @8" DWL. @OPNG.	378.50
848	190		2	66	6	4.00	HB	#6 DWL. EF	793.06
849		MASONRY PIER							
850		REF:A/S-20-506							

**ESTIMATED TAKEOFF
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
851	110		2	15	6	6.08	ST	#6 DWL.	274.10
852	190		2	15	6	40.67	ST	#6 VERT.	1832.46
853	190		2	37	4	9.42	LB	#4 @8" TIES	465.45
854		MSW-2 / 12" MASONRY							
855	113		2	51	6	7.25	HB	2-#6 @24" DWL.	1110.73
856	190		2	51	6	40.67	ST	2-#6 @24" VERT.	6230.35
857	190		2	4	6	22.50	ST	2-#6 @24" VERT. @OPNG.	270.36
858	190		2	4	6	5.25	HB	2-#6 @8" DWL. @OPNG.	63.08
859	190		2	55	6	4.00	HB	#6 DWL. EF	660.88
860									
861		ALONG GRID I & G (NORTH ELEVATION)							
862		MSW-1 / 12" MASONRY							
863	110		2	60	6	6.08	ST	2-#6 @8" DWL.	1096.40
864	190		2	60	6	31.08	ST	2-#6 @8" VERT.	5602.40
865	190		2	60	6	4.00	HB	#6 DWL. EF	720.96
866		MASONRY PIER							
867		REF:A/S-20-506							
868	110		2	15	6	6.08	ST	#6 DWL.	274.10
869	190		2	15	6	31.08	ST	#6 VERT.	1400.60
870	190		2	29	4	9.42	LB	#4 @8" TIES	364.81
871		MSW-2 / 12" MASONRY							
872	110		2	23	6	6.08	ST	2-#6 @24" DWL.	420.29
873	190		2	23	6	31.08	ST	2-#6 @24" VERT.	2147.59
874	190		2	23	6	4.00	HB	#6 DWL. EF	276.37
875		MSW-2 / 12" MASONRY							
876	113		2	37	6	7.25	HB	2-#6 @24" DWL.	805.82
877	190		2	37	6	33.42	ST	2-#6 @24" VERT.	3714.23
878	190		2	37	6	4.00	HB	#6 DWL. EF	444.59
879									
880		WEST ELEVATION							
881		MSW-2 / 12" MASONRY							
882	110		2	36	6	6.08	ST	2-#6 @24" DWL.	657.84
883	190		2	18	6	32.25	ST	2-#6 @24" VERT.	1743.82
884	190		2	18	6	39.50	ST	2-#6 @24" VERT.	2135.84
885									
886		EAST ELEVATION							
887		MSW-2 / 12" MASONRY							
888	110		2	36	6	6.08	ST	2-#6 @24" DWL.	657.84
889	190		2	18	6	32.25	ST	2-#6 @24" VERT.	1743.82
890	190		2	18	6	39.50	ST	2-#6 @24" VERT.	2135.84
891	190		2	36	6	4.00	HB	#6 DWL. EF	432.58
892									
893		INTERIOR							
894		MSW-3 / 8" MASONRY							
895	113			36	6	7.83	HB	#6 @24" DWL.	423.55
896	190			18	6	22.17	ST	#6 @24" VERT.	599.31
897	190			18	6	28.00	ST	#6 @24" VERT.	757.01
898									
899		MW-1 / 8" MASONRY							
900	113			3	5	6.33	HB	#5 @48" DWL.	19.82

**ESTIMATED TAKEOFF
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
901	190			3	5	22.50	ST	#5 @48" VERT.	70.40
902	113		2	1	6	9.25	HB	1-#6 DWL.	27.79
903	190		2	1	6	26.50	ST	1-#6 VERT.	79.61
904		MW-1 / 8" MASONRY							
905	110			20	5	3.00	ST	#5 @48" DWL.	62.58
906	190			20	5	21.50	ST	#5 @48" VERT.	448.49
907	110		4	2	6	6.08	ST	2-#6 DWL.	73.09
908	190		4	2	6	25.50	ST	2-#6 VERT.	306.41
909									
910		EXTERIOR							
911		MSW-3 / 8" MASONRY							
912	110			7	6	4.33	ST	#6 @24" DWL.	45.56
913	190			7	6	20.67	ST	#6 @24" VERT.	217.29
914	110		2	1	6	4.67	ST	1-#6 DWL.	14.02
915	190		2	1	6	20.67	ST	1-#6 VERT.	62.08
916									
917	110			17	6	4.33	ST	#6 @24" DWL.	110.64
918	190			17	6	15.17	ST	#6 @24" VERT.	387.27
919	110		2	1	6	4.67	ST	1-#6 DWL.	14.02
920	190		2	1	6	15.17	ST	1-#6 VERT.	45.56
921									
922	110			26	6	4.33	ST	#6 @24" DWL.	169.21
923	190			26	6	19.00	ST	#6 @24" VERT.	741.99
924									
925	110			10	6	4.33	ST	#6 @24" DWL.	65.08
926	190			10	6	19.67	ST	#6 @24" VERT.	295.40
927	110		2	1	6	4.67	ST	1-#6 DWL.	14.02
928	190		2	1	6	19.67	ST	1-#6 VERT.	59.08
929									
930	110			10	6	4.33	ST	#6 @24" DWL.	65.08
931	190			10	6	14.83	ST	#6 @24" VERT.	222.79
932									
933	110			10	6	4.33	ST	#6 @24" DWL.	65.08
934	190			10	6	18.67	ST	#6 @24" VERT.	280.38
935									
936		BOND BEAM							
937	190			67	5	20.00	SL	2-#5 CONT. BB @TOP	1397.62
938	190		10	2	5	4.50	HB	2-#5 BB COR.	93.87
939	190			58	4	20.00	SL	2-#4 CONT. BB @TOP	774.88
940	190		30	2	4	3.33	HB	2-#4 BB COR.	133.63
941		LINTEL							
942	190	12" MASONRY	6	2	6	7.33	ST	2-#6 T&B	132.17
943									
944	190		2	2	6	10.00	ST	2-#6 T&B	60.08
945	190			2	5	10.00	ST	2-#5 SILL BAR	20.86
946									
947	190		4	2	6	10.67	ST	2-#6 T&B	128.17
948									
949	190		4	2	6	12.67	ST	2-#6 T&B	152.21
950	190		2	2	5	12.67	ST	2-#5 SILL BAR	52.85

**ESTIMATED TAKEOFF
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
951									
952	190		2	2	6	20.00	SL	2-#6 T&B	120.16
953		8" MASONRY							
954	190		8	2	6	7.33	ST	2-#6 T&B	176.23
955									
956	190		2	2	6	10.00	ST	2-#6 T&B	60.08
957	190			2	5	10.00	ST	2-#5 SILL BAR	20.86
958									
959	190		2	2	6	10.67	ST	2-#5 T&B	64.09
960									
961		BASEMENT FLOOR							
962		EQUIPMENT BASE							
963		REF:M-20-101, B/S-99-501							
964	105		4	4	5	4.00	ST	#5 @12" LW	66.75
965	105		4	5	5	3.00	ST	#5 @12" SW	62.58
966	105		4	1	5	20.66	HB	#5 HORZ.	86.21
967	105		4	18	4	6.83	HB	#4 @12" BEND BAR	328.69
968		SADDLE SUPPORT							
969		REF:M-20-101, A/S-99-512							
970	105		24	2	5	3.67	HB	#5 @12" D/V EF	183.53
971	105		12	3	3	3.67	LB	#3 @12" TIES	49.64
972									
973		INTERMEDIATE FLOOR							
974		SADDLE PIPE SUPPORT							
975		REF:M-20-103, F/S-99-513							
976	140	2'-4"X5'-6"	4	5	6	5.33	HB	#6 @6" DWL. EF	160.20
977	140		4	5	6	5.50	ST	#6 @6" VERT. EF	165.22
978	140		4	1	6	5.33	HB	1-#6 DWL. ES	32.04
979	140		4	1	6	5.50	ST	1-#6 VERT. ES	33.04
980	140		2	6	3	8.00	LB	#3 @12" TIES	36.09
981	140		2	6	3	2.00	LB	#3 @12" TIES	9.02
982	140		8	1	5	3.83	HB	#5 DIAG EF	31.98
983									
984	140	2'-4"X9'-0"	2	5	6	5.33	HB	#6 @6" DWL. EF	80.10
985	140		2	5	6	9.00	ST	#6 @6" VERT. EF	135.18
986	140		2	1	6	5.33	HB	1-#6 DWL. ES	16.02
987	140		2	1	6	9.00	ST	1-#6 VERT. ES	27.04
988	140			10	3	8.00	LB	#3 @12" TIES	30.08
989	140			10	3	2.00	LB	#3 @12" TIES	7.52
990	140		4	1	5	3.83	HB	#5 DIAG EF	15.99
991		REF:F/S-99-515							
992	140		8	6	7	6.92	HB	#7 @12" D/V EF	678.64
993	140		4	10	4	15.75	LB	#4 @9" TIES	420.84
994									
995									
996		STOWE DAY TANK #2							
997		REF:S-30-101, S-30-301							
998		CONCRETE ENCASEMENT							
999		REF:A/S-30-101, 1/S-30-301							
1000	286	11'-0"X11'-0"		24	6	14.67	HB	#6 @12" EW BOT.	528.68

**ESTIMATED TAKEOFF
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
1001	286			44	6	14.50	HB	#6 @12" VERT.	958.28
1002	286			15	6	44.00	ST	#6 @12" HORZ.	991.32
1003	286		4	15	6	4.83	HB	#6 COR.	435.64
1004	286		2	2	4	18.67	LB	2-#4 TIES	49.88
1005	286			92	4	5.00	HB	#4 @6" L BAR TOP (THREADED)	307.28
1006	286			28	4	11.00	ST	#4 @6" EW TOP	205.74
1007									
1008		REF:B/S-30-101, 2/S-30-301							
1009	286	10'-0"X10'-0"		22	5	13.00	HB	#5 @12" EW BOT.	298.30
1010	286			40	5	12.83	HB	#5 @12" VERT.	535.39
1011	286			13	5	40.00	ST	#5 @12" HORZ.	542.36
1012	286		4	13	5	4.00	HB	#5 COR.	216.94
1013	286		2	3	4	15.50	LB	3-#4 TIES	62.12
1014	286			84	4	5.00	HB	#4 @6" L BAR TOP (THREADED)	280.56
1015	286			28	4	10.00	ST	#4 @6" EW TOP	187.04
1016									
1017									
1018		STOWE STORM FLOW EQUALIZATION BASIN #1							
1019		REF:S-35-101, S-35-301							
1020		CONCRETE ENCASEMENT							
1021		REF:A/S-35-101, 1/S-35-301							
1022	386	11'-0"X11'-0"		26	5	14.00	HB	#5 @12" EW BOT.	379.65
1023	386			44	5	14.83	HB	#5 @12" VERT.	680.72
1024	386			15	5	44.00	ST	#5 @12" HORZ.	688.38
1025	386		4	15	5	4.00	HB	#5 COR.	250.32
1026	386		2	2	4	15.50	LB	2-#4 TIES	41.42
1027	386			92	4	5.00	HB	#4 @6" L BAR TOP (THREADED)	307.28
1028	386			28	4	11.00	ST	#4 @6" EW TOP	205.74
1029									
1030		REF:B/S-35-101, 2/S-35-301							
1031	386	13'-0"X12'-0"		13	6	16.67	HB	#6 @12" LW BOT.	325.42
1032	386			14	6	15.67	HB	#6 @12" SW BOT.	329.42
1033	386			48	6	15.00	HB	#6 @12" VERT.	1081.44
1034	386			15	6	50.00	ST	#6 @12" HORZ.	1126.50
1035	386		4	15	6	4.83	HB	#6 COR.	435.64
1036	386		2	2	4	15.50	LB	2-#4 TIES	41.42
1037	386			104	4	5.00	HB	#4 @6" L BAR TOP (THREADED)	347.36
1038	386			14	4	13.00	ST	#4 @6" LW TOP	121.58
1039	386			14	4	12.00	ST	#4 @6" SW TOP	112.22
1040									
1041									
1042		STOWE STORM EQUALIZATION BASIN #2							
1043		REF:S-40-101, S-40-501							
1044		CONCRETE PAVEMENT							
1045		REF:S-40-101, C/S-40-501							
1046	401	9" THK		13140	5	20.00	SL	#5 @9" EW	274100.40
1047		SLAB EDGE							
1048	401	REF:F/S-40-501		340	5	20.00	SL	#5 @9" CONT.	7092.40
1049	401			2760	5	1.50	HB	#5 @9" BEND BAR	4318.02
1050		SLAB EDGE							

**ESTIMATED TAKEOFF
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
1051	401	REF:6/S-40-501		200	5	20.00	SL	4-#5 CONT.	4172.00
1052	401		10	4	5	3.00	HB	4-#5 COR.	125.16
1053	401			1240	4	3.50	HB	#4 @9" U BAR	2897.46
1054	401		2	620	4	2.50	HB	#4 @18" BEND BAR ES	2070.80
1055	401			600	4	1.67	HB	#4 @9" L BAR @CURB	668.13
1056	401			25	5	20.00	SL	#5 CONT. @CURB	521.50
1057		TRENCH							
1058	401	REF:4/S-40-501		265	5	20.00	SL	#5 @9" CONT.	5527.90
1059	401			930	5	5.33	HB	#5 @9" TRANS.	5172.96
1060	401			1870	5	3.83	HB	#5 @9" VERT.	7475.92
1061	401			460	5	20.00	SL	#5 @9" HORZ.	9595.60
1062	401		4	6	5	7.67	HB	#5 @9" HORZ.	191.92
1063									
1064		WATER CANNON PAD							
1065		REF:B/S-40-501							
1066	403	12" THK	10	14	5	7.58	HB	#5 @12" LW T&B	1107.27
1067	403		10	14	5	7.33	HB	#5 @12" SW T&B	1070.76
1068	403		10	4	4	4.50	HB	#4 STANDEE	120.27
1069									
1070	403		3	14	5	13.33	HB	#5 @12" LW T&B	584.07
1071	403		3	26	5	7.33	HB	#5 @12" SW T&B	596.57
1072	403		3	6	4	4.50	HB	#4 STANDEE	54.12
1073									
1074		INFLUENT HEADWALL							
1075		REF:A+1+5+7/S-40-501							
1076		MAT FOOTING							
1077	404	1'-0" THK	2	10	5	18.67	HB	#5 @12" LW T&B	389.37
1078	404		2	18	5	10.17	HB	#5 @12" SW T&B	381.71
1079	404			15	4	4.50	HB	#4 STANDEE	45.10
1080	404		2	10	5	4.67	HB	#5 @12" VERT. EF	97.33
1081	404		2	4	5	10.17	HB	#5 @12" HORZ. EF	84.83
1082	404			10	5	5.00	HB	#5 @12" BEND BAR	52.15
1083		CONCRETE WALL							
1084	404	1'-6" THK	2	10	5	6.83	HB	#5 @12" DWL. EF	142.54
1085	404		2	10	5	8.00	ST	#5 @12" VERT. EF	166.88
1086	404		2	9	5	9.00	ST	#5 @12" HORZ. EF	168.97
1087									
1088	404	1'-0" THK	4	25	5	6.83	HB	#5 @9" D/V EF ES	712.68
1089	404		4	9	5	16.50	ST	#5 @9" HORZ. EF ES	619.54
1090	404		4	9	5	4.00	HB	#5 COR. EF ES	150.19
1091									
1092		TRENCH BASIN DRAIN							
1093		REF:2+3/S-40-501							
1094	405	MAT FOOTING	4	7	5	6.50	ST	#5 @12" LW T&B	189.83
1095	405	1'-0" THK	4	8	5	5.50	ST	#5 @12" SW T&B	183.57
1096	405		2	12	4	4.50	HB	#4 STANDEE	72.16
1097		CONCRETE WALL							
1098	405	1'-0" THK	4	14	5	3.33	HB	#5 @12" DWL. EF	194.67
1099	405		4	14	5	9.00	ST	#5 @12" VERT. EF	525.67
1100	405		4	10	5	12.00	ST	#5 @12" HORZ. EF	500.64

**ESTIMATED TAKEOFF
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
1101									
1102	405		4	10	5	7.17	HB	#5 @12" D/V EF	298.97
1103	405		4	5	5	10.00	ST	#5 @12" HORZ. EF	208.60
1104	405		16	5	5	4.00	HB	#5 COR. EF	333.76
1105		SLAB							
1106	401		4	9	4	5.00	ST	#4 @6" LW T&B	120.24
1107	401		4	11	4	4.00	ST	#4 @6" SW T&B	117.57
1108									
1109									
1110		VALVE VAULT #3							
1111		REF:S-42-101, S-42-501							
1112		MAT FOOTING							
1113	505	2'-0" THK	2	34	7	28.50	HB	#7 @6" LW T&B8	3961.41
1114	505		2	41	7	24.00	HB	#7 @8" SW T&B	4022.76
1115	505			42	5	6.50	HB	#5 STANDEE	284.70
1116	505	SUMP		24	7	6.17	HB	#7 @8" EW T&B	302.53
1117	505		2	12	7	7.33	HB	#7 @8" Z BAR	359.78
1118		CONCRETE WALL							
1119	505	1'-4" THK	2	135	6	6.00	HB	#6 @8" DWL. EF	2433.24
1120	510		2	135	6	17.33	HB	#6 @8" VERT. EF	7029.22
1121	510		4	24	6	20.00	SL	#6 @8" HORZ. EF	2883.84
1122	510		2	24	6	53.83	ST	#6 @8" HORZ. EF	3881.22
1123	510		8	24	6	4.83	HB	#6 COR. EF	1394.05
1124	510		2	16	5	3.00	ST	#5 DIAG. EF	100.13
1125		CONCRETE SLAB							
1126	540		2	71	6	20.00	HB	#6 @8" EW T&B	4265.68
1127	540			26	5	5.83	HB	#5 STANDEE	158.18
1128	540		2	7	6	2.50	ST	#6 DIAG T&B	52.57
1129	540		2	9	6	2.50	HB	#6 DIAG T&B	67.59
1130	540	CURB		80	4	2.83	HB	#4 @16" VERT.	151.45
1131	540			1	4	97.00	ST	#4 CONT.	64.80
1132	540		16	1	4	2.67	HB	#4 COR.	28.49
1133						100.00		1 1/2" SLAB BOLSTERS	
1134		BEAM							
1135	540	REF:B/S-42-501	2	4	8	22.67	HB	4-#8 CONT.	484.15
1136	540		2	16	4	5.42	LB	#4 @16" STIRR.	115.79
1137						80.00		1 1/2" BEAM BOLSTERS	
1138									
1139									
1140		STOWE GENERATOR BUILDING							
1141		REF:S-55-101, S-55-102							
1142		GROUND FUEL STORAGE TANKS CONCRETE PAD							
1143		MAT SLAB							
1144		REF:1/S-55-305, 1+2/S-55-306							
1145	605	24" THK MAT		20	8	28.00	HB	#8 @8" LW @TOP	1495.20
1146	605			20	8	28.00	HB	#8 @8" LW @BOT.	1495.20
1147	605		2	40	8	19.00	HB	#8 @8" SW T&B	4058.40
1148	605		2	10	8	13.00	HB	#8 @8" LW T&B	694.20
1149	605		2	16	8	9.00	HB	#8 @8" SW T&B	768.96
1150	605			26	6	6.67	HB	#6 STANDEE	260.32

**ESTIMATED TAKEOFF
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
1151									
1152		SLAB ON GRADE							
1153		REF:1/S-55-305, 1+2/S-55-306							
1154	620	12" THK SOG	2	175	5	20.00	SL	#5 @12" EW T&B	7301.00
1155	620		2	37	5	20.00	HB	#5 @12" EW T&B	1543.64
1156						450.00		4 1/2" CHCU	
1157		REF:1/S-55-306							
1158	620			7	4	20.00	SL	#4 @12" CONT.	93.52
1159	620			45	4	6.83	HB	#4 @12" ADD'L.	205.40
1160		EQUIPMENT PAD							
1161		REF:B/S-99-501							
1162	620	6" THK		14	4	2.83	HB	#4 @12" Z-BAR	26.50
1163	620			4	5	3.50	ST	#5 @12" LW	14.60
1164	620			5	5	2.50	ST	#5 @12" SW	13.04
1165	620			1	5	12.00	ST	1-#5 CONT.	12.52
1166	620		4	1	5	3.00	HB	1-#5 COR.	12.52
1167									
1168	620	6" THK		22	4	2.83	HB	#4 @12" Z-BAR	41.65
1169	620			4	5	7.00	ST	#5 @12" LW	29.20
1170	620			8	5	3.00	ST	#5 @12" SW	25.03
1171	620			1	5	20.00	ST	1-#5 CONT.	20.86
1172	620		4	1	5	3.00	HB	1-#5 COR.	12.52
1173		CONCRETE SADDLE PIPE SUPPORT							
1174		REF:B/S-99-512 (3 EACH)							
1175	620	1'-8"X1'-8"	3	8	5	2.50	HB	#5 @12" D/V.	62.58
1176	620		3	2	3	6.33	LB	#3 @12" TIES	14.29
1177	620		3	2	5	1.75	ST	1-#5 ADD'L EF	10.95
1178									
1179		MAT SLAB							
1180		REF:1+3/S-55-305, 1+2/S-55-306							
1181	605	12" THK MAT	2	8	5	20.00	SL	#5 @12" EW T&B	333.76
1182	605		2	6	5	20.00	ST	#5 @12" EW T&B	250.32
1183						60.00		4 1/2" CHCU	
1184									
1185		CONCRETE WALL							
1186		REF:1+3/S-55-305							
1187	605	12" THK	2	55	5	3.17	HB	#5 @12" DWL. EF	363.24
1188	610		2	55	5	5.42	HB	#5 @12" VERT. EF	621.38
1189	610		2	12	5	20.00	SL	#5 @12" HORZ. EF	500.64
1190	610		2	2	5	20.00	ST	#5 @12" HORZ. EF	83.44
1191	610		8	5	5	3.17	HB	#5 @12" COR. EF	132.09
1192									
1193		SLAB ON GRADE							
1194		REF:1+3/S-55-305, 2/S-55-306							
1195		9" THK SOG							
1196	620			115	5	20.00	SL	#5 @12" EW	2398.90
1197	620			28	5	20.00	ST	#5 @12" EW	584.08
1198									
1199		GENERATOR ROOM							
1200		CONTINUOUS FOOTING							

**ESTIMATED TAKEOFF
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
1201		REF:1/S-55-303, 1/S-55-301							
1202	604	4'-0"X1'-4"		55	5	20.00	SL	#5 @9" CONT. @TOP	1147.30
1203	604			27	7	40.00	SL	#7 @9" CONT. @BOT.	2207.52
1204	604		4	6	5	4.00	HB	#5 @9" COR. @TOP	100.13
1205	604		4	6	7	6.17	HB	#7 @9" COR. @BOT.	302.48
1206	604			165	5	5.17	HB	#5 @12" TRANS. @TOP	889.04
1207	604			165	7	3.50	ST	#7 @12" TRANS. @BOT.	1180.41
1208	604			45	4	6.00	HB	#4 STANDEE	180.36
1209	604		2	160	5	4.33	HB	#5 @12" D/V. EF	1446.18
1210		REF:2+3+5/S-55-303, 2/S-55-301, 1/S-55-302							
1211	604	6'-0"X1'-4"		105	5	20.00	SL	#5 @9" CONT. @TOP	2190.30
1212	604			51	7	40.00	SL	#7 @9" CONT. @BOT.	4169.76
1213	604			165	5	7.17	HB	#5 @12" TRANS. @TOP	1233.23
1214	604			165	7	5.50	ST	#7 @12" TRANS. @BOT.	1854.93
1215	604			110	4	5.17	HB	#4 STANDEE	379.67
1216	604		2	210	5	4.33	HB	#5 @12" D/V. EF	1898.11
1217									
1218		GENERATOR PAD							
1219		REF:1+2/S-55-301, 2/S-55-305							
1220	605	30" THK MAT		90	6	20.00	SL	#6 @12" LW @TOP	2703.60
1221	605			88	6	20.00	SL	#6 @12" LW @BOT.	2643.52
1222	605		2	106	6	20.00	HB	#6 @12" EW T&B	6368.48
1223	605			90	6	7.67	HB	#6 STANDEE	1036.29
1224	605			12	6	20.00	SL	2-#6 CONT.	360.48
1225	605			20	6	20.00	ST	2-#6 CONT.	600.80
1226	605		12	2	6	4.83	HB	2-#6 COR.	174.26
1227		SUMP PIT							
1228		REF:4/S-55-303							
1229	620			8	5	6.33	ST	#5 @12" LW @TOP	52.84
1230	620			8	5	12.33	HB	#5 @12" LW @BOT.	102.91
1231	620			8	5	5.17	ST	#5 @12" SW @TOP	43.11
1232	620			8	5	11.67	HB	#5 @12" SW @BOT.	97.34
1233	620			8	5	7.33	HB	#5 @12" U-BAR	61.19
1234	620		2	8	5	5.33	HB	#5 @12" D/V. EF	89.00
1235		REF:4/S-55-303							
1236	620	28" THK WALL	2	4	5	7.00	ST	#5 @12" HORZ. EF	58.41
1237									
1238		SLAB ON GRADE							
1239		REF:1+2+3+4+5+6+7/S-55-303							
1240	620	12" THK SOG		465	5	20.00	SL	#5 @12" EW @TOP	9699.90
1241	620			156	5	20.00	ST	#5 @12" EW @TOP	3254.16
1242	620			610	5	20.00	SL	#5 @9" EW @BOT.	12724.60
1243	620			210	5	20.00	ST	#5 @9" EW @BOT.	4380.60
1244	620			225	7	20.00	SL	#7 @6" ADD'L	9198.00
1245						1700.00		4 1/2" CHCU	
1246	620			365	5	3.67	HB	#5 @12" L-BAR	1396.01
1247	620			61	5	20.00	SL	#5 @12" CONT.	1272.46
1248	620		4	3	5	4.00	HB	#5 @12" COR.	50.06
1249	620			365	5	7.42	HB	#5 @12" ADD'L	2823.23
1250		TRENCH DRAIN							

**ESTIMATED TAKEOFF
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
1251		REF:7/S-55-303							
1252	620			9	5	20.00	SL	#5 @12" LW @TOP	187.74
1253	620			28	5	20.00	SL	#5 @12" LW @BOT.	584.08
1254	620			54	5	4.67	ST	#5 @12" SW @TOP	262.85
1255	620			56	5	12.50	HB	#5 @12" SW @BOT.	730.10
1256						60.00		4 1/2" CHCU	
1257		TRENCH							
1258		REF:5+6/S-55-303							
1259	620	12" THK MAT	2	28	5	20.00	SL	#5 @12" LW @T&B	1168.16
1260	620		2	4	5	20.00	ST	#5 @12" LW @T&B	166.88
1261	620			95	5	4.00	HB	#5 @12" SW @TOP	396.24
1262	620			95	5	6.83	HB	#5 @12" SW @BOT.	677.05
1263	620			52	5	2.42	ST	#5 @12" SW @TOP	131.03
1264	620			52	5	8.50	HB	#5 @12" SW @BOT.	460.95
1265						120.00		4 1/2" CHCU	
1266		REF:5+6/S-55-303							
1267		8" THK WALL							
1268	620			23	5	20.00	SL	#5 @12" HORZ.	479.78
1269	620			4	5	20.00	ST	#5 @12" HORZ.	83.44
1270	620		6	3	5	4.00	HB	#5 @12" COR.	75.10
1271	620		5	3	5	4.00	HB	#5 @12" INT.	62.58
1272	620			100	5	4.00	HB	#5 @12" L-DWL.	417.20
1273		8" THK WALL							
1274	620			100	5	4.83	HB	#5 @12" D/V. IF	504.08
1275	620		2	17	5	20.00	SL	#5 @12" HORZ. EF	709.24
1276	620		2	3	5	4.00	HB	#5 @12" COR. EF	25.03
1277	620		2	3	5	4.00	HB	#5 @12" INT. EF	25.03
1278		REF:S-55-101, 9/S-55-303							
1279		8" THK DOOR STOOP							
1280	620			24	5	20.00	ST	#5 @12" EW	500.64
1281	620			10	4	20.00	ST	2-#4 CONT.	133.60
1282	620		10	2	4	2.67	HB	2-#4 COR.	35.62
1283	620			95	4	5.17	HB	#4 @12" ADD'L.	327.90
1284	620			33	4	2.50	HB	#4 @12" ADD'L.	55.11
1285									
1286		EQUIPMENT PAD							
1287		REF:E/S-99-502 (2 EACH)							
1288	620	4" THK	2	14	4	2.67	HB	#4 @12" Z-BAR	49.88
1289	620		2	3	4	3.83	ST	#4 @12" LW	15.36
1290	620		2	5	4	2.25	ST	#4 @12" SW	15.03
1291									
1292	620	4" THK		20	4	2.67	HB	#4 @12" Z-BAR	35.63
1293	620			3	4	7.17	ST	#4 @12" LW	14.36
1294	620			8	4	2.25	ST	#4 @12" SW	12.02
1295									
1296	620	4" THK		10	4	2.67	HB	#4 @12" Z-BAR	17.82
1297	620			3	4	2.50	ST	#4 @12" LW	5.01
1298	620			4	4	1.92	ST	#4 @12" SW	5.12
1299									
1300	620	4" THK		36	4	2.67	HB	#4 @12" Z-BAR	64.14

**ESTIMATED TAKEOFF
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
1301	620			3	4	15.00	ST	#4 @12" LW	30.06
1302	620			16	4	1.83	ST	#4 @12" SW	19.59
1303									
1304	620	4" THK		115	4	2.67	HB	#4 @12" Z-BAR	204.88
1305	620			25	4	20.00	SL	#4 @12" LW	334.00
1306	620			50	4	7.75	ST	#4 @12" SW	258.85
1307		REF:B/S-99-502 (2 EACH)							
1308		30" THK							
1309	620		4	5	5	6.42	ST	#5 @12" LW T&B	133.86
1310	620		4	8	5	4.33	ST	#5 @12" SW T&B	144.62
1311	620		2	2	5	22.00	ST	#5 @12" CONT.	91.78
1312	620		2	25	5	4.17	HB	#5 @12" U-BAR	217.26
1313	620		2	4	5	7.67	HB	#5 STANDEE	63.97
1314									
1315		MASONRY WALL							
1316		REF:S-55-101, S-55-102, 2/S-55-301, S-99-506, S-99-507, A-55-101, A-55-201, A-55-202							
1317		SOUTH ELEVATION							
1318		12" MASONRY - MSW-1							
1319		REF:2/S-55-303, 2+3/S-55-304, 4/A-55-301							
1320	620			269	6	7.42	HB	#6 DWL.	2996.75
1321	690		2	8	6	39.00	ST	#6 @8" VERT. EF	937.25
1322	690		2	69	6	5.33	ST	#6 @8" VERT. EF	1105.40
1323	690		6	4	6	39.00	ST	2-#6 VERT. @JAMB OPNG. ES	1405.87
1324	690			3	6	39.00	ST	3-#6 VERT. @COR.	175.73
1325	690			2	6	39.00	ST	2-#6 VERT. @INT.	117.16
1326	690		8	1	6	39.00	ST	1-#6 VERT. @CJ. ES EF	468.62
1327		MASONRY COLUMN (3 EACH)							
1328	690		3	26	6	39.00	ST	26-#6 VERT.	4569.08
1329	690		3	18	4	7.67	HB	#4 @16" U-BAR	276.53
1330	690		3	18	4	5.33	HB	#4 @16" U-BAR	192.37
1331	690		3	18	4	10.08	LB	#4 @16" TIES	363.71
1332	690			269	6	5.25	HB	#6 VERT. DWL.	2121.20
1333									
1334		REF:S-99-506							
1335	690		5	9	5	20.00	SL	2-#5 CONT. BB @4'-0"	938.70
1336	690		5	2	5	5.00	HB	2-#5 COR. BB @4'-0"	52.15
1337	690		5	2	5	5.00	HB	2-#5 INT BB @4'-0"	52.15
1338									
1339	690		2	9	5	20.00	SL	2-#5 CONT. BB @TOP	375.48
1340	690		2	2	5	5.00	HB	2-#5 COR. BB @TOP	20.86
1341	690		2	2	5	5.00	HB	2-#5 INT BB @TOP	20.86
1342									
1343	690		2	2	5	7.33	ST	2-#5 LINTEL @T&B	30.59
1344	690		6	3	5	20.00	ST	3-#5 LINTEL @T&B	375.48
1345	690		3	40	4	12.17	LB	#4 @5" STIRR.	975.23
1346		12" MASONRY - MSW-2							
1347		REF:1/S-55-302, 1/S55-304							
1348	620			47	5	5.42	HB	#5 DWL.	265.55
1349	690		2	5	5	31.00	ST	#5 @24" VERT. EF	323.33
1350	690		2	5	5	17.17	ST	#5 @24" VERT. EF	179.05

**ESTIMATED TAKEOFF
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
1351	690		4	4	5	31.00	ST	2-#5 VERT. @JAMB OPNG. ES	517.33
1352	690			3	5	31.00	ST	3-#5 VERT. @COR.	97.00
1353	690		8	1	5	31.00	ST	1-#5 VERT. @CJ. ES EF	258.66
1354	690			47	5	3.25	HB	#5 VERT. DWL.	159.32
1355									
1356		REF:S-99-506							
1357	690		5	3	5	20.00	SL	2-#5 CONT. BB @4'-0"	312.90
1358	690		5	2	5	5.00	HB	2-#5 COR. BB @4'-0"	52.15
1359									
1360	690		2	3	5	20.00	SL	2-#5 CONT. BB @TOP	125.16
1361	690		2	2	5	5.00	HB	2-#5 COR. BB @TOP	20.86
1362									
1363	690		2	3	5	12.00	ST	3-#5 LINTEL @T&B	75.10
1364	690			21	4	12.17	LB	#4 @5" STIRR.	170.66
1365		NORTH ELEVATION							
1366		12" MASONRY - MSW-1							
1367		REF:3+5/S-55-303, 2/S-55-301, 3/S-55-304, 5/A-55-301							
1368	620			269	6	7.42	HB	#6 DWL.	2996.75
1369	690		2	8	6	39.00	ST	#6 @8" VERT. EF	937.25
1370	690		2	69	6	5.33	ST	#6 @8" VERT. EF	1105.40
1371	690		6	4	6	39.00	ST	2-#6 VERT. @JAMB OPNG. ES	1405.87
1372	690			3	6	39.00	ST	3-#6 VERT. @COR.	175.73
1373	690			2	6	39.00	ST	2-#6 VERT. @INT.	117.16
1374	690		8	1	6	39.00	ST	1-#6 VERT. @CJ. ES EF	468.62
1375		MASONRY COLUMN (3 EACH)							
1376	690		3	26	6	39.00	ST	26-#6 VERT.	4569.08
1377	690		3	18	4	7.67	HB	#4 @16" U-BAR	276.53
1378	690		3	18	4	6.33	HB	#4 @16" U-BAR	228.48
1379	690		3	18	4	10.08	LB	#4 @16" TIES	363.71
1380	690			269	6	5.25	HB	#6 VERT. DWL.	2121.20
1381									
1382		REF:S-99-506							
1383	690		5	9	5	20.00	SL	2-#5 CONT. BB @4'-0"	938.70
1384	690		5	2	5	5.00	HB	2-#5 COR. BB @4'-0"	52.15
1385	690		5	2	5	5.00	HB	2-#5 INT BB @4'-0"	52.15
1386									
1387	690		2	9	5	20.00	SL	2-#5 CONT. BB @TOP	375.48
1388	690		2	2	5	5.00	HB	2-#5 COR. BB @TOP	20.86
1389	690		2	2	5	5.00	HB	2-#5 INT BB @TOP	20.86
1390									
1391	690		2	2	5	7.33	ST	2-#5 LINTEL @T&B	30.59
1392	690		6	3	5	20.00	ST	3-#5 LINTEL @T&B	375.48
1393	690		3	40	4	12.17	LB	#4 @5" STIRR.	975.23
1394		12" MASONRY - MSW-2							
1395		REF:1/S-55-302, 2/S55-304							
1396	620			45	5	5.42	HB	#5 DWL.	254.25
1397	690		2	9	5	31.00	ST	#5 @24" VERT. EF	581.99
1398	690		4	4	5	31.00	ST	2-#5 VERT. @JAMB OPNG. ES	517.33
1399	690			3	5	31.00	ST	3-#5 VERT. @COR.	97.00
1400	690		8	1	5	31.00	ST	1-#5 VERT. @CJ. ES EF	258.66

**ESTIMATED TAKEOFF
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
1401	690			45	5	3.25	HB	#5 VERT. DWL.	152.54
1402									
1403		REF:S-99-506							
1404	690		5	3	5	20.00	SL	2-#5 CONT. BB @4'-0"	312.90
1405	690		5	2	5	5.00	HB	2-#5 COR. BB @4'-0"	52.15
1406									
1407	690		2	3	5	20.00	SL	2-#5 CONT. BB @TOP	125.16
1408	690		2	2	5	5.00	HB	2-#5 COR. BB @TOP	20.86
1409									
1410	690		2	2	5	7.33	ST	2-#5 LINTEL @T&B	30.59
1411		WEST ELEVATION							
1412		12" MASONRY - MSW-2							
1413		REF:1/S-55-301, 5/S-55-304, 1/A-55-301							
1414	620			48	5	5.42	HB	#5 DWL.	271.20
1415	690		2	24	5	32.33	ST	#5 @24" VERT. EF	1618.72
1416	690			48	5	3.25	HB	#5 VERT. DWL.	162.71
1417									
1418	620			48	5	5.42	HB	#5 DWL.	271.20
1419	690		2	20	5	37.92	ST	#5 @24" VERT. EF	1581.90
1420	690		8	1	5	37.92	ST	1-#5 VERT. @CJ. ES EF	316.38
1421	690			48	5	3.25	HB	#5 VERT. DWL.	162.71
1422		REF:S-99-506							
1423	690		6	9	5	20.00	SL	2-#5 CONT. BB @4'-0"	1126.44
1424	690		6	2	5	5.00	HB	2-#5 COR. BB @4'-0"	62.58
1425									
1426	690		3	14	4	20.00	SL	2-#4 CONT. BB @JOIST	561.12
1427	690		4	18	4	20.00	SL	2-#4 CONT. BB @TOP	961.92
1428	690		3	2	4	4.00	HB	2-#4 COR. BB @JOIST	16.03
1429	690		4	2	4	4.00	HB	2-#4 COR. BB @TOP	21.38
1430		EAST ELEVATION							
1431		12" MASONRY - MSW-2							
1432		REF:1/S-55-301, 1+4/S-55-303, 4/S-55-304							
1433	620			48	5	5.42	HB	#5 DWL.	271.20
1434	690		2	15	5	32.33	ST	#5 @24" VERT. EF	1011.70
1435	690		2	8	5	10.58	ST	#5 @24" VERT. EF	176.61
1436	690			2	5	32.33	ST	2-#5 VERT. @JAMB OPNG.	67.45
1437	690			48	5	3.25	HB	#5 VERT. DWL.	162.71
1438									
1439	620			56	5	5.42	HB	#5 DWL.	316.40
1440	690		2	18	5	37.92	ST	#5 @24" VERT. EF	1423.71
1441	690		2	6	5	37.92	ST	2-#5 VERT. @JAMB OPNG. ES	474.57
1442	690		8	1	5	37.92	ST	1-#5 VERT. @CJ. ES EF	316.38
1443	690			56	5	3.25	HB	#5 VERT. DWL.	189.83
1444		REF:S-99-506							
1445	690		6	9	5	20.00	SL	2-#5 CONT. BB @4'-0"	1126.44
1446	690		6	2	5	5.00	HB	2-#5 COR. BB @4'-0"	62.58
1447									
1448	690		4	18	4	20.00	SL	2-#4 CONT. BB @TOP	961.92
1449	690		4	2	4	4.00	HB	2-#4 COR. BB @TOP	21.38
1450									

**ESTIMATED TAKEOFF
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
1451	690		2	2	5	7.33	ST	2-#5 LINTEL @T&B	30.59
1452	690		2	3	5	18.00	ST	3-#5 LINTEL @T&B	112.64
1453	690			36	4	12.17	LB	#4 @5" STIRR.	292.57
1454		ALONG GRID - B							
1455		12" MASONRY - MSW-1							
1456		REF:1/S-55-301, 2/A-55-301							
1457	620			24	5	5.42	HB	#5 DWL.	135.60
1458	690		2	14	5	31.00	ST	#5 @40" VERT. EF	905.32
1459	690			24	5	3.25	HB	#5 VERT. DWL.	81.35
1460									
1461	620			48	5	5.42	HB	#5 DWL.	271.20
1462	690		2	12	5	36.58	ST	#5 @40" VERT. EF	915.75
1463	690		4	4	5	36.58	ST	2-#5 VERT. @JAMB OPNG. ES	610.50
1464	690		8	1	5	36.58	ST	1-#5 VERT. @CJ. ES	305.25
1465	690			48	5	3.25	HB	#5 VERT. DWL.	162.71
1466		REF:S-99-506							
1467	690		6	9	5	20.00	SL	2-#5 CONT. BB @4'-0"	1126.44
1468	690		2	9	5	20.00	SL	2-#5 CONT. BB @TOP	375.48
1469	690		2	2	5	7.33	ST	2-#5 LINTEL @T&B	30.59
1470									
1471									
1472		MOUNT HOLLY PUMPING STATION							
1473		REF:S-60-101, S-60-301							
1474		MAT FOOTING							
1475	705	2'-6" THK	2	51	7	35.08	HB	#7 @6" LW T&B	7314.59
1476	705		2	67	7	27.33	HB	#7 @6" SW T&B	7486.67
1477	705		2	1	5	20.00	SL	1-#5 CONT.	41.72
1478	705			1	5	79.50	ST	1-#5 CONT.	82.92
1479	705		4	1	5	4.00	HB	1-#5 COR.	16.69
1480	705			63	6	7.67	HB	#6 STANDEE	725.40
1481									
1482	705	1'-4" THK	2	11	5	24.67	HB	#5 @6" LW T&B	565.99
1483	705		2	43	5	7.17	HB	#5 @6" SW T&B	642.78
1484	705			10	4	5.17	HB	#4 STANDEE	34.52
1485									
1486		CONCRETE WALL							
1487	705	1'-9" THK	2	250	5	4.83	HB	#5 @6" DWL. EF	2520.41
1488	710		2	80	5	22.83	HB	#5 @6" VERT. EF	3810.37
1489	710		2	170	5	22.00	HB	#5 @6" VERT. EF	7801.64
1490	710		2	16	8	123.00	ST	#8 @6" HORZ. EF	10509.12
1491	710		8	16	8	10.00	HB	#8 COR. EF	3417.60
1492	710		4	16	8	6.33	HB	#8 INT. EF	1082.18
1493	710		2	210	6	20.00	SL	#6 @6" HORZ. EF	12616.80
1494	710		8	30	6	4.83	HB	#6 COR. EF	1742.56
1495	710		4	30	6	3.33	HB	#6 INT. EF	600.74
1496									
1497	705	1'-4" THK	2	64	5	3.67	HB	#5 @6" DWL. EF	489.43
1498	710		2	64	5	13.25	ST	#5 @6" VERT. EF	1768.93
1499	710		2	13	7	21.00	ST	#7 @6" HORZ. EF	1116.02
1500	710		4	13	7	13.00	HB	#7 @6" HORZ. EF ES	1381.74

**ESTIMATED TAKEOFF
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
1501	710		2	13	5	23.00	ST	#5 @6" HORZ. EF	623.71
1502	710		4	13	5	9.00	HB	#5 @6" HORZ. EF ES	488.12
1503	710		2	4	5	3.00	ST	#5 DIAG. EF	25.03
1504		BAFFLE WALL							
1505	710	8" THK	2	11	5	12.00	ST	#5 @6" LW	275.35
1506	710		2	24	5	5.33	ST	#5 @6" SW	266.99
1507	710		2	24	5	3.00	HB	#5 @6" DWL.	150.19
1508	710		2	24	5	8.00	ST	#5 @6" VERT.	400.51
1509	710		2	17	5	12.00	ST	#5 @6" HORZ.	425.54
1510									
1511	705		4	15	5	7.83	HB	#5 @6" D/V EF	490.19
1512	710		4	10	5	7.67	HB	#5 @6" HORZ. EF	319.83
1513									
1514	710a	FEMALE END		120	5	2.42	HB	#5 @6" DWL. (FORMSAVER)	302.39
1515	710a	MALE END		120	5	1.50	ST	#5 @6" DWL. (FORMSAVER)	187.74
1516									
1517	705		2	9	5	28.00	ST	#5 @6" LW	525.67
1518	705		2	60	5	4.00	ST	#5 @6" SW	500.64
1519	705		4	9	5	3.00	HB	#5 COR.	112.64
1520	705		2	56	5	3.92	HB	#5 @6" BEND BAR	457.57
1521									
1522	705		2	17	5	3.92	HB	#5 @6" BEND BAR	138.90
1523	705		2	1	5	8.00	ST	#5 CONT.	16.69
1524									
1525	710a	FEMALE END		34	5	2.25	HB	#5 @18" DWL. (FORMSAVER)	79.79
1526	710a	FEMALE END		8	5	1.42	ST	#5 @18" DWL. (FORMSAVER)	11.82
1527	710a	MALE END		50	5	1.33	HB	#5 @18" DWL. (FORMSAVER)	69.52
1528									
1529		CONCRETE SLAB							
1530		1'-2" THK SLAB							
1531	740			11	5	32.67	HB	#5 @6" LW BOT.	374.78
1532	740			11	5	32.17	HB	#5 @6" LW TOP	369.04
1533	740		2	60	5	6.67	HB	#5 @6" SW T&B	834.32
1534	740			16	4	5.17	HB	#4 STANDEE	55.22
1535									
1536	740		2	9	5	7.67	HB	#5 @6" LW T&B	143.92
1537	740		2	13	5	5.67	HB	#5 @6" SW T&B	153.65
1538	740			16	4	5.17	HB	#4 STANDEE	55.22
1539						45.00		1 1/2" SLAB BOLSTERS	
1540									
1541									
1542		MOUNT HOLLY ELECTRICAL BUILDING							
1543		REF:S-75-101							
1544		SLAB ON GRADE							
1545		REF:1+2/S-75-101							
1546	820	14" THK SOG		60	5	20.00	SL	#5 @12" LW @TOP	1251.60
1547	820			59	5	20.00	SL	#5 @12" LW @BOT.	1230.74
1548	820		2	55	5	20.00	ST	#5 @12" SW T&B	2294.60
1549	820			60	4	5.00	HB	#4 STANDEE	200.36
1550	820			10	5	20.00	SL	2-#5 CONT.	208.60

**ESTIMATED TAKEOFF
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
1551	820			4	5	20.00	ST	2-#5 CONT.	83.44
1552	820		4	2	5	3.00	HB	2-#5 COR.	25.03
1553	820			135	5	10.00	HB	#5 @12" ADD'L.	1408.05
1554		REF:1/S-75-101							
1555		1'-6" THK STOOP SLAB							
1556	820			11	4	20.00	ST	#4 @12" EW	146.96
1557	820			20	4	2.50	ST	#4 @12" D&E DWL.	33.40
1558		EQUIPMENT PAD							
1559		REF:E/S-99-502							
1560	820	4" THK		8	4	2.83	HB	#4 @12" Z-BAR	15.14
1561	820			6	4	1.75	ST	#4 @12" EW	7.01
1562									
1563	820			20	4	2.83	HB	#4 @12" Z-BAR	37.86
1564	820			5	4	4.42	ST	#4 @12" LW	14.75
1565	820			6	4	4.17	ST	#4 @12" SW	16.70
1566									
1567	820			35	4	2.83	HB	#4 @12" Z-BAR	66.26
1568	820			8	4	7.83	ST	#4 @12" LW	41.86
1569	820			9	4	7.42	ST	#4 @12" SW	44.59
1570									
1571	820			18	4	2.83	HB	#4 @12" Z-BAR	34.08
1572	820			3	4	6.33	ST	#4 @12" LW	12.69
1573	820			7	4	1.67	ST	#4 @12" SW	7.79
1574									
1575	820			28	4	2.83	HB	#4 @12" Z-BAR	53.01
1576	820			4	4	9.33	ST	#4 @12" LW	24.94
1577	820			11	4	3.33	ST	#4 @12" SW	24.49
1578									
1579	820			20	4	2.83	HB	#4 @12" Z-BAR	37.86
1580	820			4	4	5.08	ST	#4 @12" LW	13.58
1581	820			6	4	3.17	ST	#4 @12" SW	12.69
1582									
1583	820			12	4	2.83	HB	#4 @12" Z-BAR	22.72
1584	820			3	4	3.17	ST	#4 @12" LW	6.35
1585	820			5	4	1.50	ST	#4 @12" SW	5.01
1586		REF:B/S-99-502							
1587	820	30" THK	2	5	5	5.75	ST	#5 @12" LW T&B	59.97
1588	820		2	7	5	4.00	ST	#5 @12" SW T&B	58.41
1589	820			2	5	20.00	ST	#5 @12" CONT.	41.72
1590	820			22	5	4.17	HB	#5 @12" U-BAR	95.59
1591	820			4	5	7.67	HB	#5 STANDEE	31.99
1592									
1593		MOUNT HOLLY GENERATOR PAD							
1594		REF:S-80-101							
1595		MAT SLAB							
1596		REF:1+2/S-80-301							
1597	905	24" THK MAT		35	6	20.00	HB	#6 @12" LW @TOP	1051.40
1598	905			34	6	20.00	HB	#6 @12" LW @BOT.	1021.36
1599	905		2	33	6	20.00	HB	#6 @12" SW T&B	1982.64
1600	905			35	6	6.67	HB	#6 STANDEE	350.43

**ESTIMATED TAKEOFF
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
1601	905			7	6	20.00	SL	2-#6 CONT.	210.28
1602	905			4	6	20.00	ST	2-#6 CONT.	120.16
1603	905		4	2	6	4.83	HB	2-#6 COR.	58.09
1604									
1605		SLAB ON GRADE							
1606		REF:1+2/S-80-301							
1607	920	8" THK SOG		56	5	20.00	SL	#5 @12" EW @MID.	1168.16
1608	920			40	5	20.00	ST	#5 @12" EW @MID.	834.40
1609									
1610									
1611		CONCRETE SIDEWALK (OPTION)							
1612		STOWE							
1613		REF:B/C-13-503, S-55-101, M-65-101, C-04-102, C-04-107, C-09-102							
1614		4" THK							
1615	901a			95	4	20.00	SL	#4 @12" EW	1269.20
1616	901a			168	4	20.00	ST	#4 @12" EW	2244.48
1617									
1618		4" THK CONCRETE SIDEWALK - REF:B/C-13-503, S-55-101, M-65-101, C-04-102, C-04-107,							
1619		MESH				2115.00		4X4-W4XW4 WWF	
1620									
1621		MOUNT HOLLY							
1622		REF:B/C-13-503, S-55-101, M-65-101, C-04-102, C-04-107, C-09-102							
1623		4" THK							
1624	901a			162	4	20.00	SL	#4 @12" EW	2164.32
1625	901a			120	4	20.00	ST	#4 @12" EW	1603.20
1626									
1627		4" THK CONCRETE SIDEWALK - REF:B/C-13-503, S-55-101, M-65-101, C-04-102, C-04-107,							
1628		MESH				2295.00		4X4-W4XW4 WWF	
1629									
1630									
1631		STOWE EQUALIZATION PUMPING STATION RENOVATION							
1632		REF:M-22-101 TO M-22-309							
1633		PUMP BASE & PIPE SUPPORTS							
1634		PUMP BASE							
1635		REF:M-22-302, F/S-99-515							
1636	1086		4	7	7	4.25	ST	#7 @12" VERT. EF D&E	243.24
1637	1086		2	9	4	13.75	LB	#4 @9" TIES	165.33
1638		SADDLE SUPPORT							
1639		REF:M-22-302, A/S-99-512							
1640	1086		4	2	5	2.83	ST	#5 @12" VERT. EF D&E	23.64
1641	1086		2	3	3	5.34	LB	#3 @12" TIES	12.04
1642									
1643	1086		6	2	5	5.58	ST	#5 @12" VERT. EF D&E	69.88
1644	1086		3	6	3	5.34	LB	#3 @12" TIES	36.11
1645									
1646	1086		4	2	5	2.83	ST	#5 @12" VERT. EF D&E	23.64
1647	1086		2	3	3	4.67	LB	#3 @12" TIES	10.53
1648		REF:M-22-302, B/S-99-512							
1649	1086		2	2	5	1.83	ST	#5 @12" VERT. EF D&E	7.65
1650	1086			4	3	4.67	LB	#3 @12" TIES	7.02

**ESTIMATED TAKEOFF
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
1651									
1652									
1653		STOWE HEADWORKS PUMPING STATION							
1654		REF:S-23-101 TO S-23-502							
1655		FLOOR CAP SLAB							
1656		REF:1/S-23-103							
1657	1201	9" THK	2	147	4	20.00	SL	#4 @8" LW T&B	3927.84
1658	1201		2	127	4	20.00	ST	#4 @8" SW T&B	3393.44
1659						450.00		3" CHCU	
1660									
1661		CONCRETE MODIFICATIONS							
1662		PIPE THRU EXISTING WALL							
1663		REF:S-23-101, A/S-23-502							
1664	1202			14	5	6.00	ST	#5 @12" EW	87.61
1665	1202			20	5	2.00	HB	#5 @18" DWL. D&E	41.72
1666	1202			4	5	12.00	LB	4-#5 RING BAR	50.06
1667	1202			12	5	2.42	LB	#5 @12" BEND BAR	30.25
1668	1202		2	10	5	1.83	HB	#5 @18" DWL. D&E	38.24
1669		REF:S-23-102, A/S-23-502							
1670	1202		4	14	5	4.00	ST	#5 @12" EW	233.63
1671	1202		4	16	5	2.00	HB	#5 @18" DWL. D&E	133.50
1672	1202		4	4	5	9.00	LB	4-#5 RING BAR	150.19
1673	1202		4	9	5	2.42	LB	#5 @12" BEND BAR	90.75
1674	1202		8	7	5	1.83	HB	#5 @18" DWL. D&E	107.06
1675		EXISTING FLOOR PENETRATION FILL							
1676		REF:S-23-102, B/S-23-502							
1677	1202		3	20	4	3.00	ST	#4 @6" EW T&B	120.24
1678		REF:S-23-103, B/S-23-502							
1679	1202		4	24	4	3.50	ST	#4 @6" EW T&B	224.45
1680	1202		2	40	4	5.50	ST	#4 @6" EW T&B	293.92
1681		OPENING PLUG							
1682		REF:S-23-102, C/S-23-502							
1683	1202			26	5	6.00	ST	#5 @6" EW	162.71
1684	1202			28	5	1.83	HB	#5 @12" DWL. D&E	53.53
1685		PUMP SUPPORT							
1686		REF:S-23-102, B+C+D/S-23-501							
1687	1202		2	36	5	2.50	HB	#5 @8" DWL. D&E T&B	187.74
1688	1202		4	3	5	5.00	ST	#5 @8" CONT. T&B ES	62.58
1689	1202		2	9	5	3.67	ST	#5 @8" VERT.	68.83
1690	1202		2	9	5	3.17	ST	#5 @8" VERT.	59.44
1691	1202		4	4	5	5.00	ST	#5 @8" HORZ. EF	83.44
1692	1202		2	6	5	2.67	HB	#5 @8" U BAR @TOP	33.37
1693									
1694									
1695		STOWE DAY TANK #1							
1696		REF:S-25-101							
1697		ISOLATED FOOTING							
1698		REF:1/S-25-101							
1699	1303	8'-0"X4'-0"X1'-2"	4	14	5	7.50	ST	#5 @8" LW T&B	438.06
1700	1303		4	26	5	3.50	ST	#5 @8" SW T&B	379.65

**ESTIMATED TAKEOFF
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
1701	1303		4	2	4	4.83	HB	#4 STANDEE	25.83
1702									
1703									
1704		STOWE SOLIDS DRYING PAD							
1705		REF:S-43-101							
1706		MAT SLAB							
1707	1405	12" THK	2	420	5	20.00	SL	#5 @8" EW T&B	17522.40
1708						690.00		4 1/2" CHCU	
1709									
1710	1405	STEP	2	60	5	7.00	HB	#5 @8" Z BAR EF	876.12
1711									
1712	1405	TRENCH	2	30	5	6.17	HB	#5 @8" D/V EF	385.87
1713	1405		2	5	5	28.00	HB	#5 @8" HORZ. EF	292.04
1714									
1715	1405	CURB		55	5	2.83	HB	#5 @12" D/V	162.52
1716	1405			6	5	20.00	SL	#5 @12" HORZ.	125.16
1717									
1718		CONCRETE PAD							
1719	1405	12" THK		12	5	8.00	ST	#5 @12" LW T&B	100.13
1720	1405			16	5	5.00	ST	#5 @12" SW T&B	83.44
1721						10.00		4 1/2" CHCU	
1722									
1723		CONCRETE WALL							
1724		12" THK							
1725	1405		2	170	5	5.83	HB	#5 @8" D/V EF	2068.50
1726	1410		2	43	5	20.00	SL	#5 @8" HORZ. EF	1793.96
1727	1410		4	7	5	4.00	HB	#5 COR. EF	116.82
1728									
1729	1405		2	28	5	9.83	HB	#5 @8" D/V EF	574.33
1730	1410		2	13	5	17.00	ST	#5 @8" HORZ. EF	461.01
1731	1410		6	13	5	4.00	HB	#5 COR. EF	325.42
1732									
1733									
1734		MOUNT HOLLY PARSHALL FLUME							
1735		REF:S-59-101, S-59-301							
1736		MAT SLAB							
1737	1505	1'-2" THK		16	6	25.00	ST	#6 @9" LW BOT.	600.80
1738	1505			16	6	27.00	HB	#6 @9" LW TOP	648.86
1739	1505			35	6	10.83	ST	#6 @9" SW BOT.	569.49
1740	1505			35	6	12.83	HB	#6 @9" SW TOP	674.63
1741	1505			18	4	4.67	HB	#4 STANDEE	56.12
1742									
1743		CONCRETE WALL							
1744		1'-2" THK							
1745	1505		2	78	7	5.42	HB	#7 @6" DWL. EF	1727.29
1746	1510		2	78	7	9.92	ST	#7 @6" VERT. EF	3162.17
1747	1510		2	21	5	41.00	ST	#5 @6" HORZ. EF	1796.05
1748	1510		4	21	5	4.00	HB	#5 COR. EF	350.45
1749									
1750	1505		2	50	7	5.42	HB	#7 @6" DWL. EF	1107.23

**ESTIMATED TAKEOFF
MT HOLLY PUMP STATION**

Project No: -

Bid Date: 08-03-2021

LINE	CODE	ELEMENTS	MULTI	QTY	BAR SIZE	LENGTH 'FT'	BEND TYPE	REMARKS	WEIGHT 'LBS'
1751	1510		2	50	7	12.50	ST	#7 @6" VERT. EF	2555.00
1752	1510		2	26	5	23.00	ST	#5 @6" HORZ. EF	1247.43
1753	1510		4	26	5	4.00	HB	#5 COR. EF	433.89
1754									
1755									
1756		SITWORK							
1757		LIGHT POLE BASE							
1758		REF:E-02-102 TO E-02-108, Y/E-99-505							
1759		2'-0" DIA X 5'-2" HT							
1760	1101		55	4	6	4.67	ST	4-#6 VERT.	1542.16
1761	1101		55	5	3	5.75	LB	5-#3 TIES	594.55
1762									
1763		REF:E-09-103, Y/E-99-505							
1764		1'-6" DIA X 4'-2" HT							
1765	1101a		9	4	6	3.67	ST	4-#6 VERT.	198.28
1766	1101a		9	5	3	4.17	LB	5-#3 TIES	70.51
1767									
1768		RETAINING WALL							
1769		REF:C-07-101							
1770		CONTINUOUS FOOTING							
1771	1102	13'-0"X2'-0"		108	6	20.00	SL	#6 @12" CONT. BOT. S	3244.32
1772	1102			111	6	20.00	SL	#6 @12" CONT. TOP S	3334.44
1773	1102			140	6	14.50	HB	#6 @12" TRANS. BOT. R	3049.06
1774	1102			140	7	14.83	HB	#7 @12" TRANS. TOP T	4244.90
1775	1102			140	7	5.17	HB	#7 @12" L BAR TOP	1478.59
1776	1102			114	5	6.50	HB	#5 STANDEE	772.74
1777		CONCRETE WALL							
1778	1102	1'-6" THK	2	280	6	4.83	HB	#6 @6" DWL. EF	4065.13
1779	1103		2	142	6	12.50	ST	#6 @12" VERT. EF P&M	5332.10
1780	1103		2	112	6	20.00	SL	#6 @12" HORZ. EF Q	6728.96
1781									
1782									
1783		CONTINUOUS FOOTING							
1784	1102	8'-6"X1'-2"		39	4	20.00	SL	#4 @12" CONT. BOT. S	521.04
1785	1102			40	4	20.00	SL	#4 @12" CONT. TOP S	534.40
1786	1102			80	4	9.33	HB	#4 @12" TRANS. BOT. R	498.81
1787	1102			80	5	9.67	HB	#5 @12" TRANS. TOP T	806.53
1788	1102			80	5	2.83	HB	#5 @12" L BAR TOP	236.39
1789	1102			40	4	6.50	HB	#4 STANDEE	173.65
1790		CONCRETE WALL							
1791	1102	1'-6" THK	2	85	4	3.17	HB	#4 @12" DWL. EF	359.64
1792	1103		2	85	4	9.00	ST	#4 @12" VERT. EF P&M	1022.04
1793	1103		2	45	4	20.00	SL	#4 @12" HORZ. EF Q	1202.40
1794									
1795									
1796									
1797									
1798									
Total Weight									3100311.19