



**FIRE POND SECTION**  
NOT TO SCALE

**FIRE POND SECTION**  
 WEBBER RIDGE SUBDIVISION  
 WELLS, MAINE  
 FOR:  
 GREAT LOTS OF MAINE, LLC  
 28 WEAVER ROAD  
 SEABROOK, NH 03874

SCALE: AS NOTED  
 DATE: 03-26-2019  
 JOB NUMBER: 18102

NOTES:

**DM ROMA**  
 CONSULTING ENGINEERS  
 P.O. BOX 1116  
 WINDHAM, ME 04062  
 (207) 310 - 0506

18102-post

Type III 24-hr 100-YEAR Rainfall=8.70"

Prepared by DM Roma Consulting Engineers

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**Stage-Area-Storage for Pond FP1: Fire Pond**

Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)	Elevation (feet)	Surface (sq-ft)	Storage (cubic-feet)
141.50	575	0	146.80	3,074	9,140
141.60	607	59	146.90	3,130	9,450
141.70	640	121	147.00	3,187	9,766
141.80	673	187	147.10	3,245	10,088
141.90	708	256	147.20	3,303	10,415
142.00	743	329	147.30	3,362	10,748
142.10	779	405	147.40	3,421	11,087
142.20	816	484	147.50	3,481	11,433
142.30	853	568	147.60	3,573	11,785
142.40	892	655	147.70	3,665	12,147
142.50	931	746	147.80	3,759	12,518
142.60	971	841	147.90	3,855	12,899
142.70	1,012	940	148.00	3,951	13,289
142.80	1,054	1,044	148.10	4,062	13,690
142.90	1,097	1,151	148.20	4,174	14,102
<b>143.00</b>	<b>1,140</b>	<b>1,263</b>	148.30	4,288	14,525
143.10	1,185	1,379	148.40	4,403	14,959
143.20	1,230	1,500	148.50	4,520	15,405
143.30	1,276	1,625	148.60	4,638	15,863
143.40	1,323	1,755	148.70	4,758	16,333
143.50	1,370	1,890	148.80	4,879	16,815
143.60	1,419	2,029	148.90	5,002	17,309
143.70	1,469	2,174	149.00	5,127	17,815
143.80	1,519	2,323	149.10	5,253	18,334
143.90	1,570	2,478	149.20	5,380	18,866
144.00	1,622	2,637	149.30	5,509	19,410
144.10	1,667	2,802	149.40	5,640	19,968
144.20	1,713	2,971	149.50	5,772	20,538
144.30	1,759	3,144	149.60	5,905	21,122
144.40	1,806	3,322	149.70	6,040	21,719
144.50	1,853	3,505	149.80	6,177	22,330
144.60	1,901	3,693	149.90	6,315	22,955
144.70	1,950	3,886	150.00	<b>6,455</b>	<b>23,593</b>
144.80	1,999	4,083			
144.90	2,049	4,285			
145.00	2,100	4,493			
145.10	2,151	4,705			
145.20	2,203	4,923			
145.30	2,255	5,146			
145.40	2,308	5,374			
<b>145.50</b>	<b>2,362</b>	<b>5,608</b>			
145.60	2,416	5,846			
145.70	2,471	6,091			
145.80	2,526	6,341			
145.90	2,582	6,596			
146.00	2,639	6,857			
146.10	2,692	7,124			
146.20	2,745	7,395			
146.30	2,798	7,673			
146.40	2,852	7,955			
146.50	2,907	8,243			
146.60	2,962	8,536			
146.70	3,017	8,835			

INV. OF  
DISCHARGE  
PIPE

Elev. 2'  
below permanent  
water surface  
accounting for ice

Storage @ pipe invert Elev. 143.00 = 1,263 cf  
 subtract Storage at Elev. 2' below surface = 5,608 cf  
 Total storage to be utilized for fire suppression  
 = 4,345 cf = 32,500 gallons > 30,000 gallons required