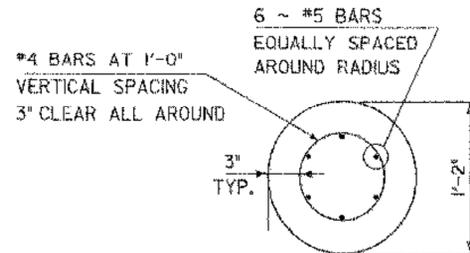


Pile Lengths and top Elevations

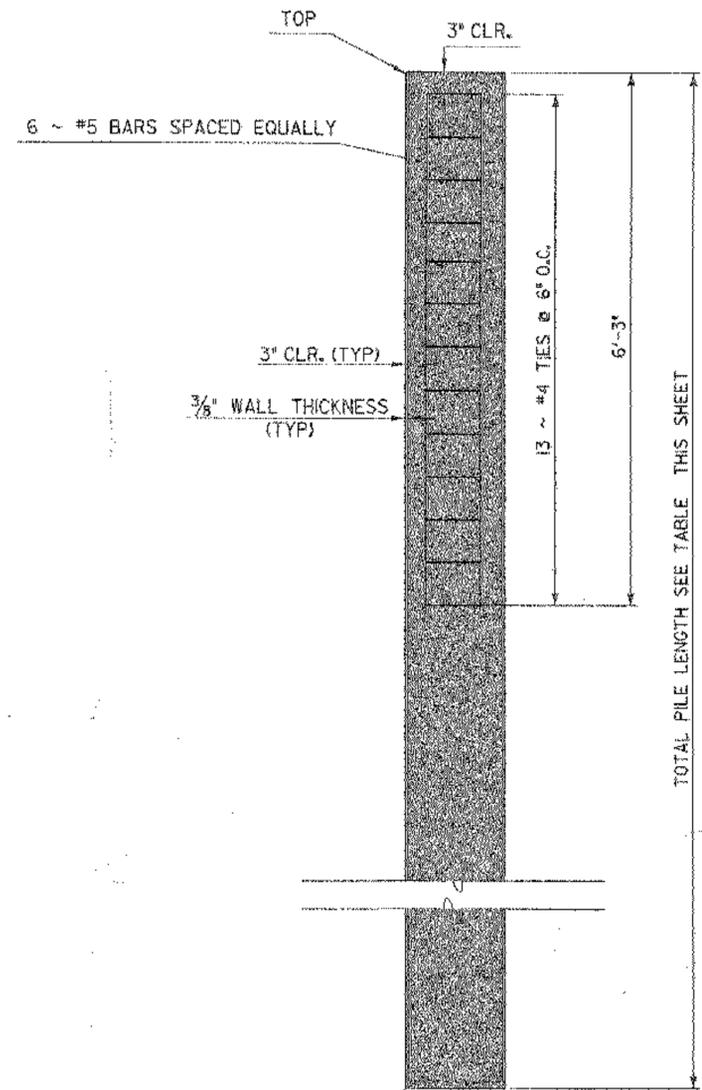
PIER NUMBER	STATION	TOP OF PILE ELEVATION	EXISTING GROUND ELEVATION	ESTIMATED PILE LENGTH
1	10+52.23	<del>103.61</del> 103.48	101.08	57.5
2	10+90.23	<del>102.87</del> 102.74	100.50	57.4
3	11+28.23	<del>102.13</del> 102.00	100.06	57.1
4	11+69.57	102.13	99.71	57.4
5	12+15.24	102.13	99.26	57.9
6	12+61.32	102.13	99.04	58.1
7	13+08.03	102.13	99.28	57.9
8	13+54.74	102.13	99.54	57.6
9	14+01.45	102.13	99.38	57.8
10	14+48.16	102.13	99.36	57.8
11	14+94.87	102.13	99.54	57.6
12	15+41.58	102.13	99.53	57.6
13	15+88.29	102.13	99.36	57.8
14	16+35.00	102.13	99.31	57.8
15	16+81.71	102.13	99.19	57.9
16	17+28.42	102.13	99.53	57.6
17	17+75.13	102.13	99.33	57.8
18	18+21.84	102.13	99.28	57.9
19	18+67.86	102.13	99.72	57.4
20	19+13.91	102.13	99.99	57.1
21	19+60.62	102.13	100.66	56.5
22	20+06.72	102.13	100.50	56.6
23	20+52.39	102.13	100.01	57.1
24	20+98.57	102.13	99.36	57.8
25	21+45.28	102.13	99.56	57.6
26	21+91.99	102.13	99.44	58.1
27	22+38.70	102.13	99.07	57.7
28	22+85.41	102.13	98.91	58.2
29	23+32.12	102.13	98.67	58.5
30	23+78.83	102.13	98.75	58.4
31	24+25.54	102.13	99.43	57.7
32	24+72.25	102.13	99.07	58.1
33	25+18.96	102.13	98.97	58.2
34	25+65.67	102.13	99.17	58.0
35	26+12.38	102.13	99.24	57.9
36	26+59.09	<del>102.13</del> 102.09	98.93	58.2

-2.25 FROM F.G.



TYPICAL PILE SECTION TOP 6'-0"

SCALE 1/2" = 1'-0"  
1 9 6 3 0



PILE NOTES

PILES SHALL BE STEEL PIPE PILES, WITH AN OUTSIDE DIAMETER OF 14 INCHES, AND A MINIMUM WALL THICKNESS OF 3/8". THE BOTTOM SHALL BE CAPPED WITH A 1" THICK STEEL PLATE.

THE PILES, AND ALL ASSOCIATED WORK SHALL CONFORM TO ALL OF THE REQUIREMENTS OF SECTION 505 OF THE STANDARD SPECIFICATIONS.

AFTER THE PILES HAVE BEEN DRIVEN, THE TOPS OF THE PILES WILL BE CAREFULLY CUT TO THE REQUIRED ELEVATION.

THE PILES WILL BE FILLED WITH CONCRETE, CLASS B,  $f'_c = 3500$  PSI.

THE TOP 6'-0" OF EACH PILE WILL BE REINFORCED AS SHOWN. NO REINFORCING IS REQUIRED BELOW THAT.

THE COST OF THE CONCRETE AND THE REINFORCING STEEL SHALL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 505.25, CAST-IN-PLACE CONCRETE PILING.

THE RESIDENT ENGINEER SHALL HAVE THE AUTHORITY TO REJECT DAMAGED PILES.

PILE LENGTHS ARE ESTIMATED. PILES SHALL BE DRIVEN TO AN ULTIMATE CAPACITY OF 150 KIPS.

1" THICK STEEL PLATE, WELDED TO BOTTOM OF STEEL SHELL

TYPICAL PILE REINFORCING

SCALE 1" = 1'-0"  
1 9 6 3 0

PILE DETAILS

PROJECT NAME:	COLCHESTER
PROJECT NUMBER:	STP BIKe(48)
FILE NAME:	/str/5/03f038/ef038pstdet.dgn
PLOT DATE:	22-AUG-2003
PROJECT LEADER:	C. KELLER
DRAWN BY:	J. GEORGE
DESIGNED BY:	J. GEORGE
CHECKED BY:	M.E.J.M.
SHEET:	40 OF 87

▲ REVISED 8/21/2003

