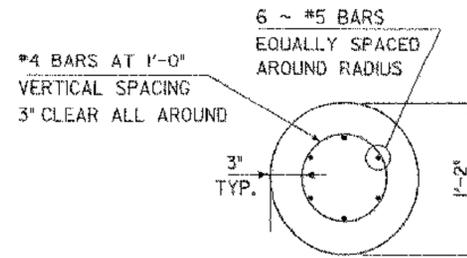


Pile Lengths and top Elevations

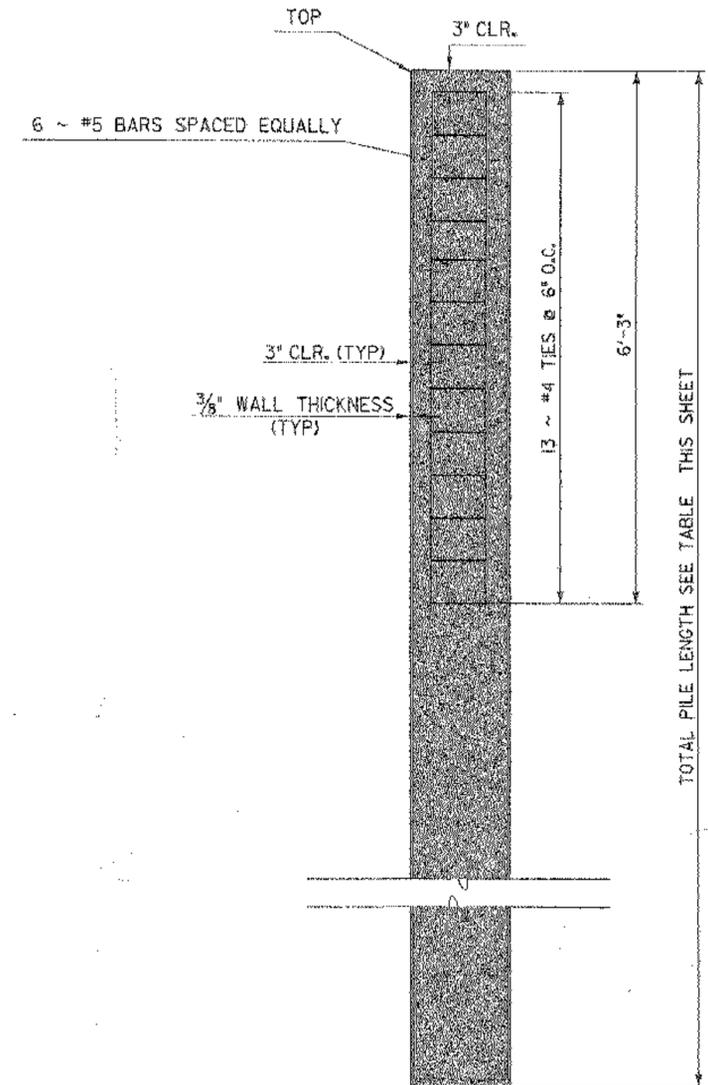
PIER NUMBER	STATION	TOP OF PILE ELEVATION	EXISTING GROUND ELEVATION	ESTIMATED PILE LENGTH
1	10+52.23	103.61 103.48	101.08	57.5
2	10+90.23	102.87 102.70	100.50	57.4
3	11+28.23	102.13 102.00	100.06	57.1
4	11+69.57	102.13	99.71	57.4
5	12+15.24	102.13	99.26	57.9
6	12+61.32	102.13	99.04	58.1
7	13+08.03	102.13	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	102.13 102.00	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 1



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 1 2

PILE DETAILS

PROJECT NAME: COLCHESTER
PROJECT NUMBER: STP Bike(48)

FILE NAME: /str5/03f038/ef038pstdet.dgn PLOT DATE: 22-AUG-2003
PROJECT LEADER: C. KELLER DRAWN BY: J. GEORGE
DESIGNED BY: J. GEORGE CHECKED BY: M.E.M.
sf038pstdet2.1 SHEET 40 OF 87

REVISD 8/21/2003

