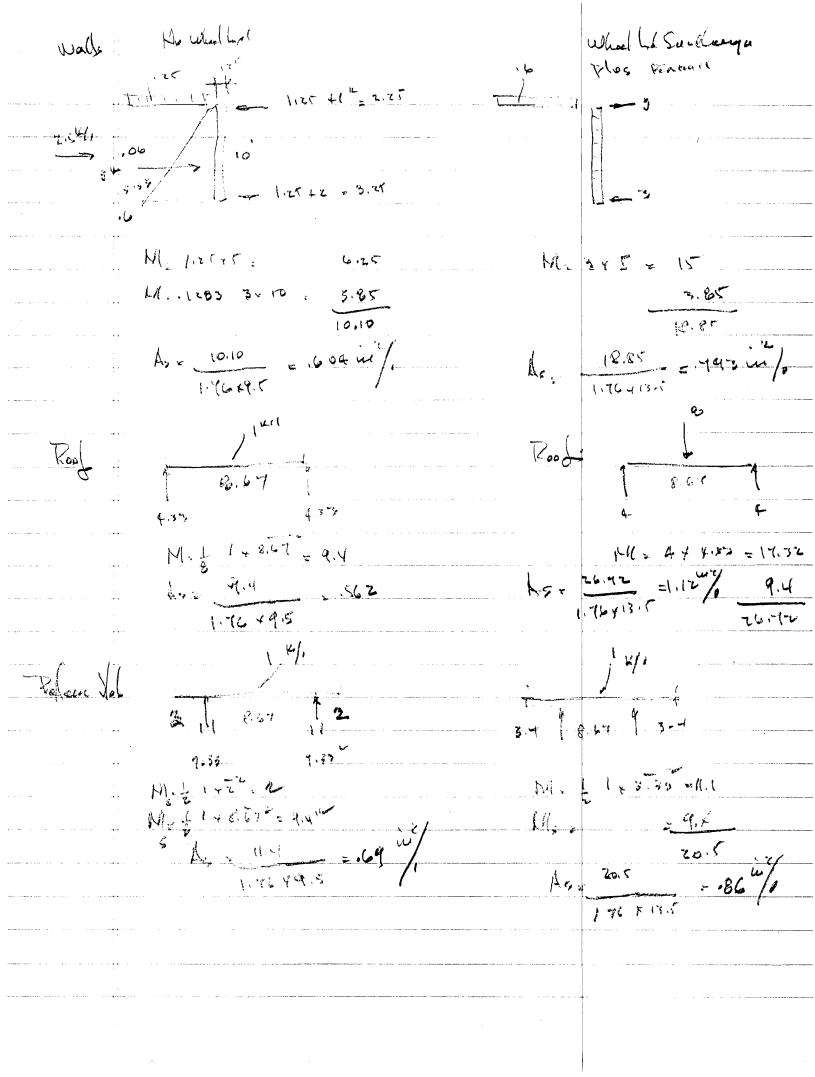
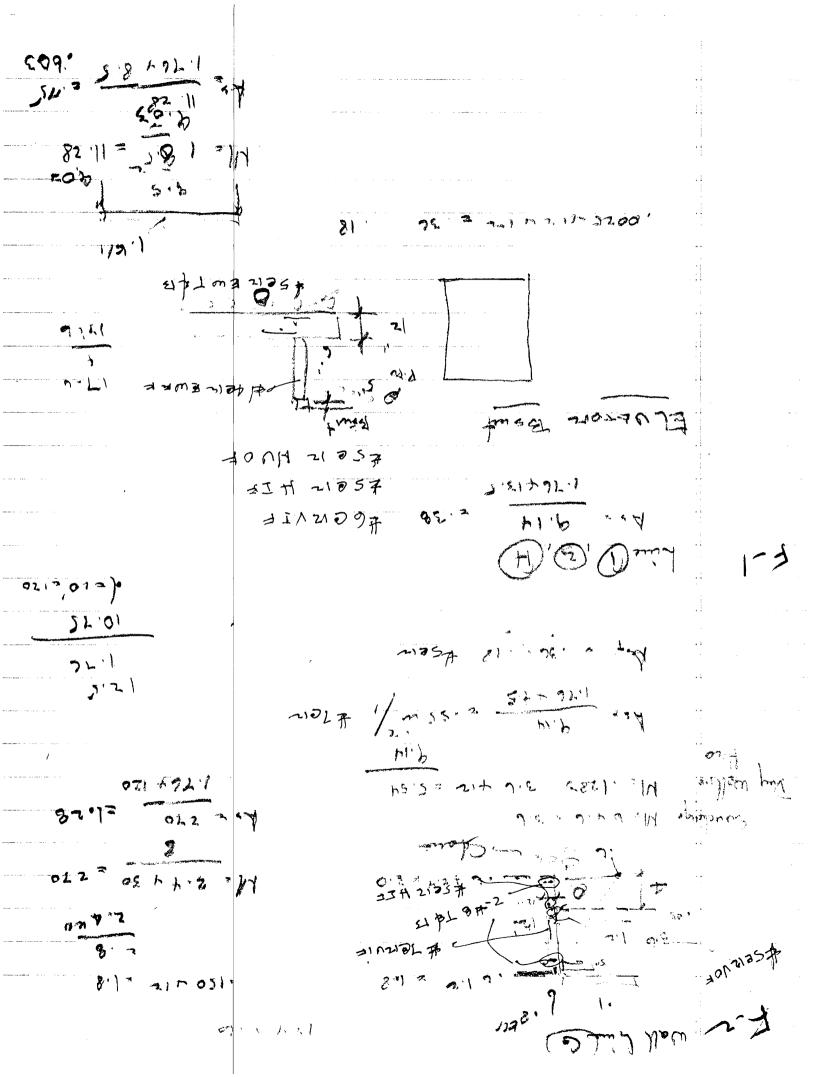
2	E	C A		
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Project			. by	٤
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707 427	WALL		wan	
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 \mathcal{S} 1.5 .93 Energy 14 3 wheat has wheel Lo Tounel to whalls Tours with well (LD 4.34 62 4.73 16"5/24 135 Souchary & LL No 4 44.33 = 17.32 1 + 8.67 = 9.4" Say 1 K/s M1 2 3 4 3 26.73 T. 1 9.4 1,76418.5 9.4 = 1.56 im/

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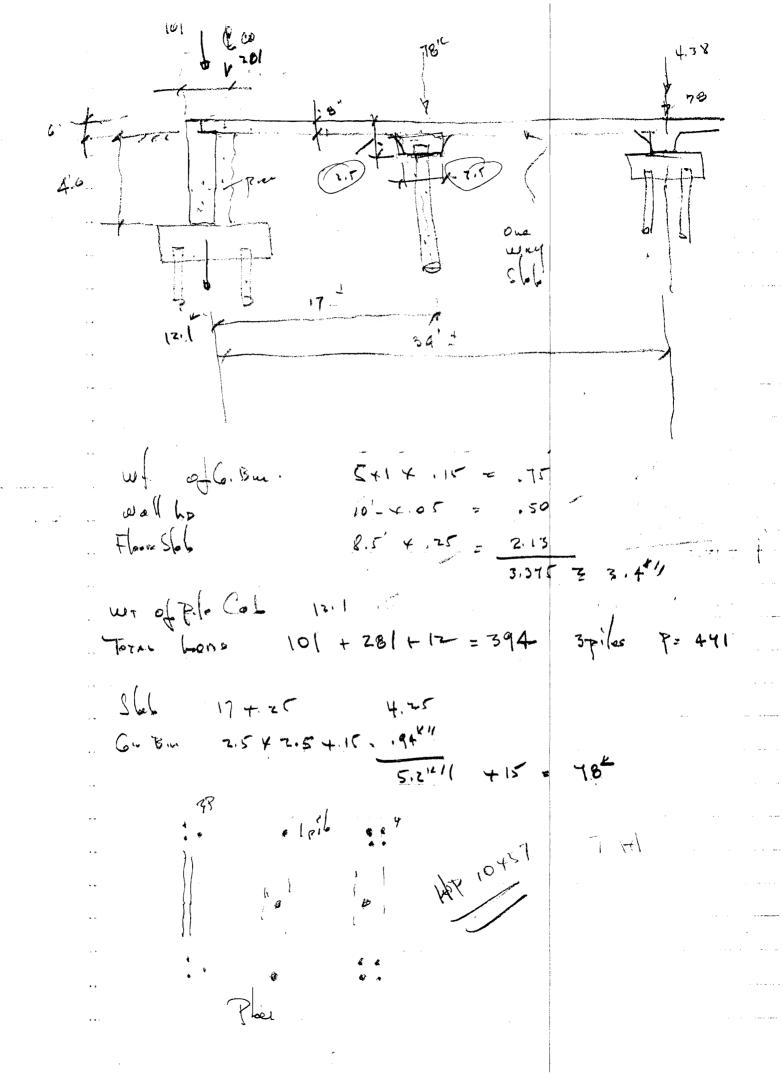


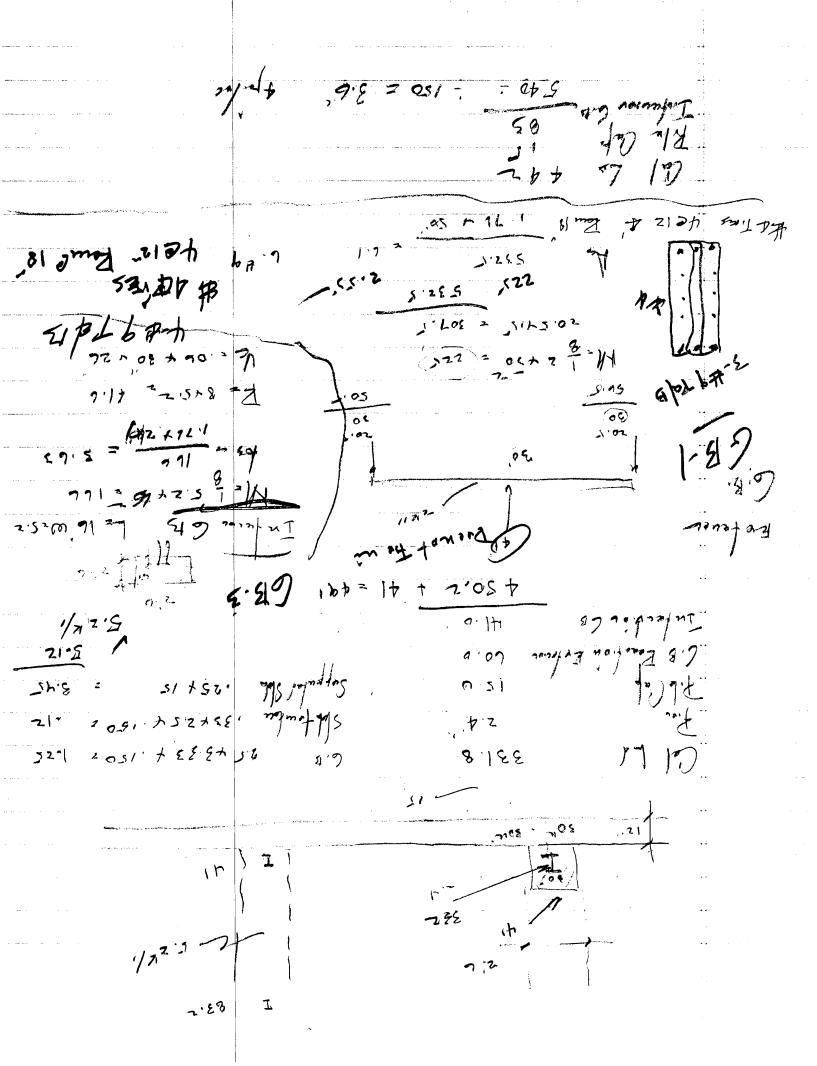
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W. L. Co. Som 5414.15 " wall Loans 104.05 = Spronted 5/el Lana 16'+ (15+.1) 4×11 Est. mgt. el R= 5.25 4 15 =78.8 \$79 Space led 281+158 = 439 SAYSOT Ple Spiles Torac Loon Kles 458 16 (26 6.75 +6.75 +2.46.19.1 No Stab Suppose t In faco (il. P= 18 12.1 1250 430 430 Supervilet Stob

438 225 1663 | 7p. les AT - . 00 25 4 8 4 12 = . 24 40 16

 $\frac{2^{2} \cdot 2^{2}}{3} = \frac{30.58}{2} \cdot \frac{15.29}{2}$ $\frac{2}{12.79}$





Exterior 6.13 Line A & H.

4-29 Tolm

4.29 rdm # 4e m 6' Rem & 38°

6B-2

Co. Bon 1.37 + 5.5 4.15 = 1.1

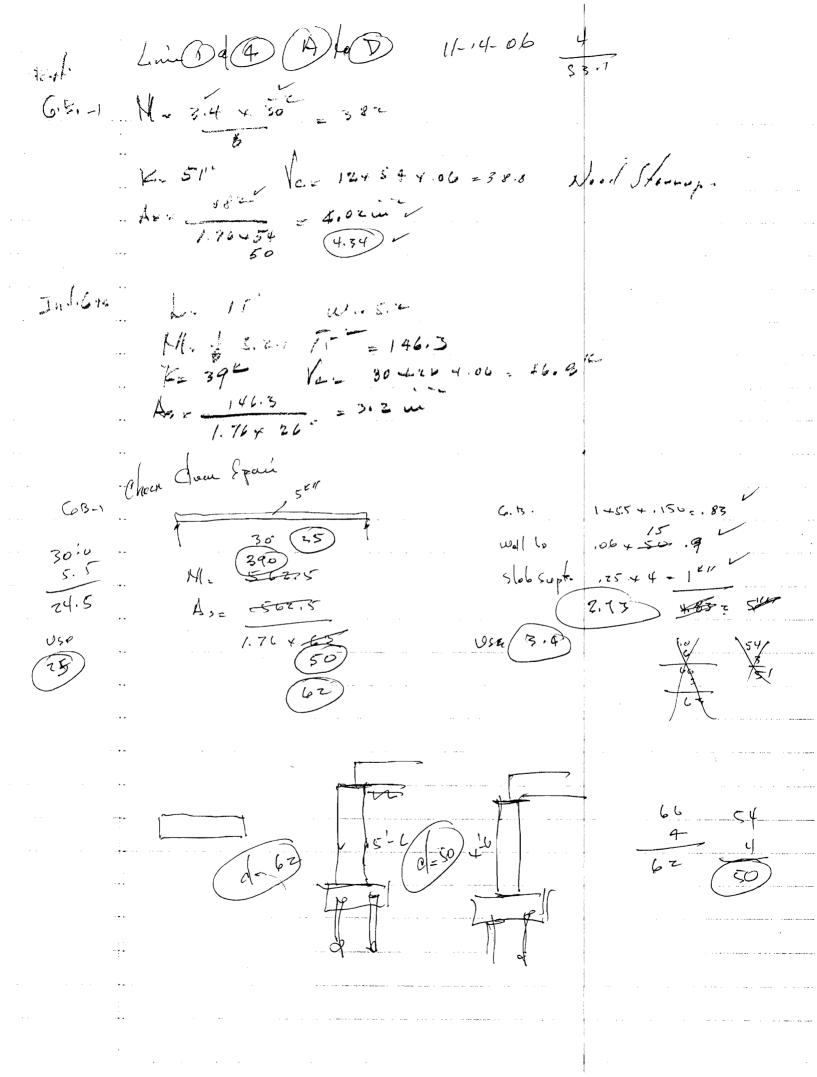
Wall 10 4.050 = .5

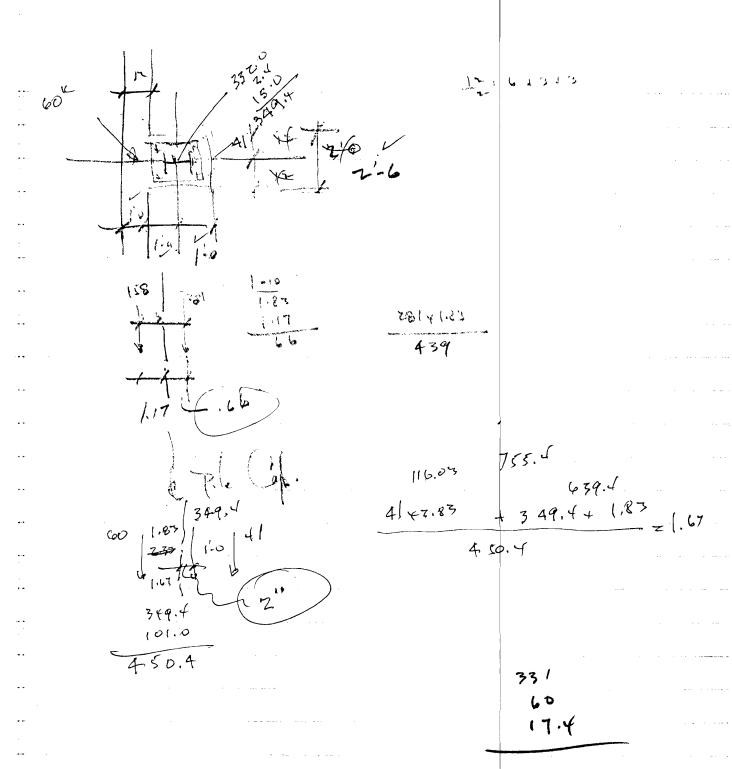
4 + .25 = 1.0

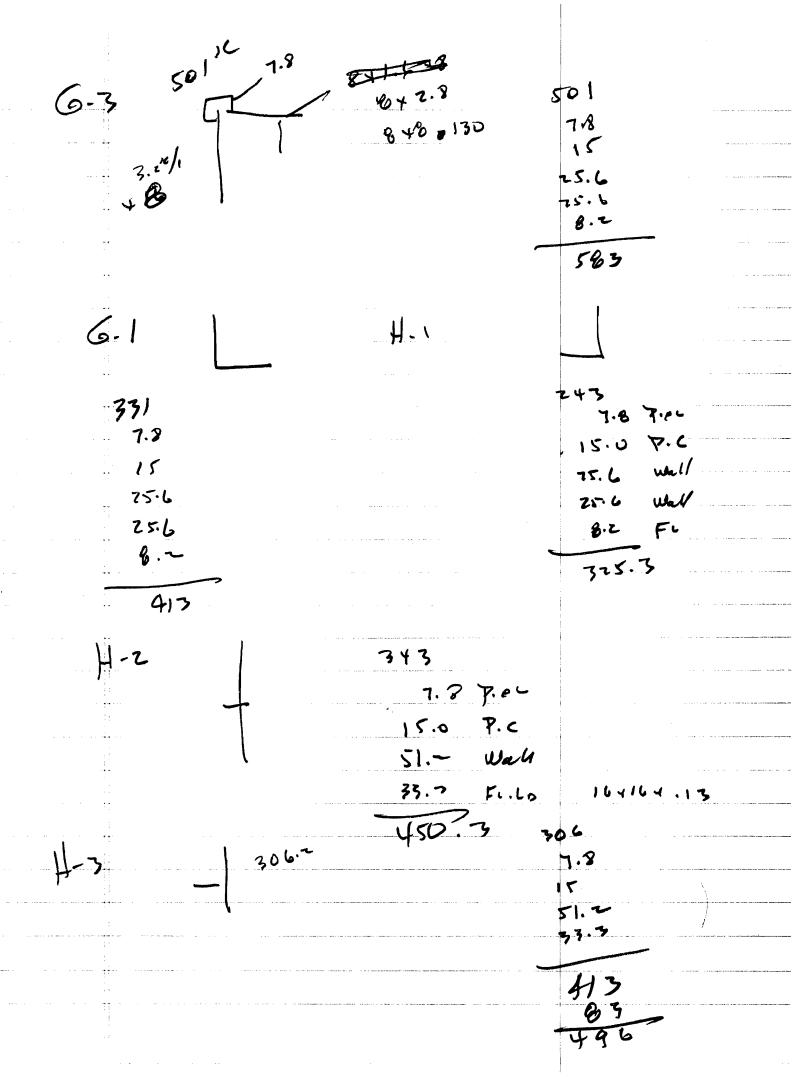
 $M = \frac{1}{8} \frac{3 \times 31.7}{316.4} = 316$ $A = \frac{316.4}{1.76 \times 47} = 3.8^{2}$

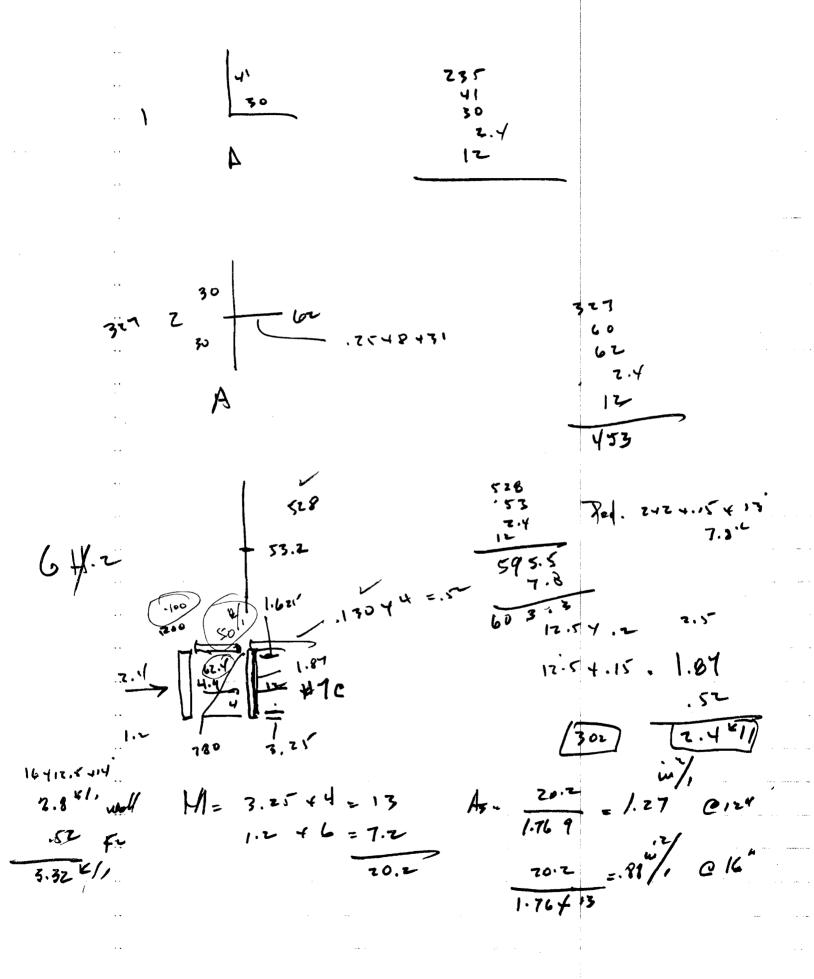
4-49 F- 46.8 Uc= .06 x 16 x 47 = \$4.9 5-6 1-4 4.z so"

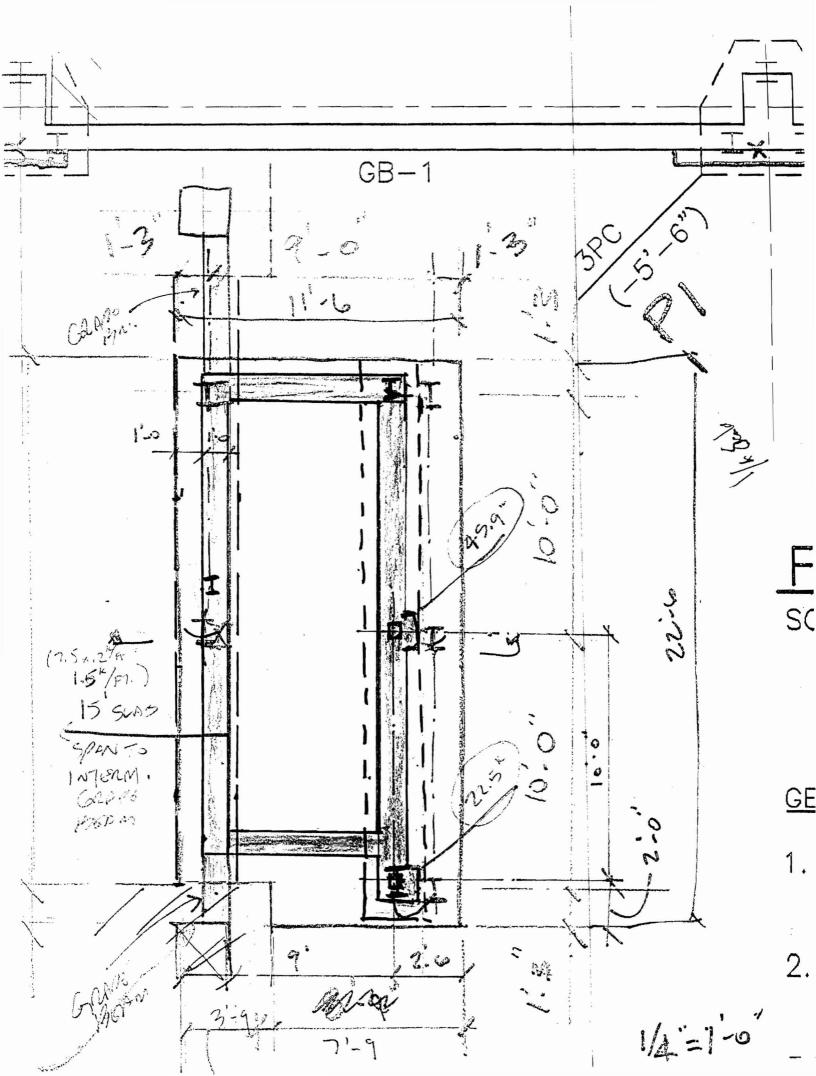
Jyr July Tile Cip 138 (ap 5.6,5-643 4.150 13.4 Guad Benn 19.7 8 1/1/ 154154.1 22.5 Liveland 18 416 x 10.51 P=150 W 4 p.les . Typical Exterior Place Col Loun 281 Pile Cap In Lucipe Co. 1 2.5.18.5 8" S/ol BY15 4 841541 Exterior 6-14 145+.15x30 22.5 Yim. 354 Use 4 piles For

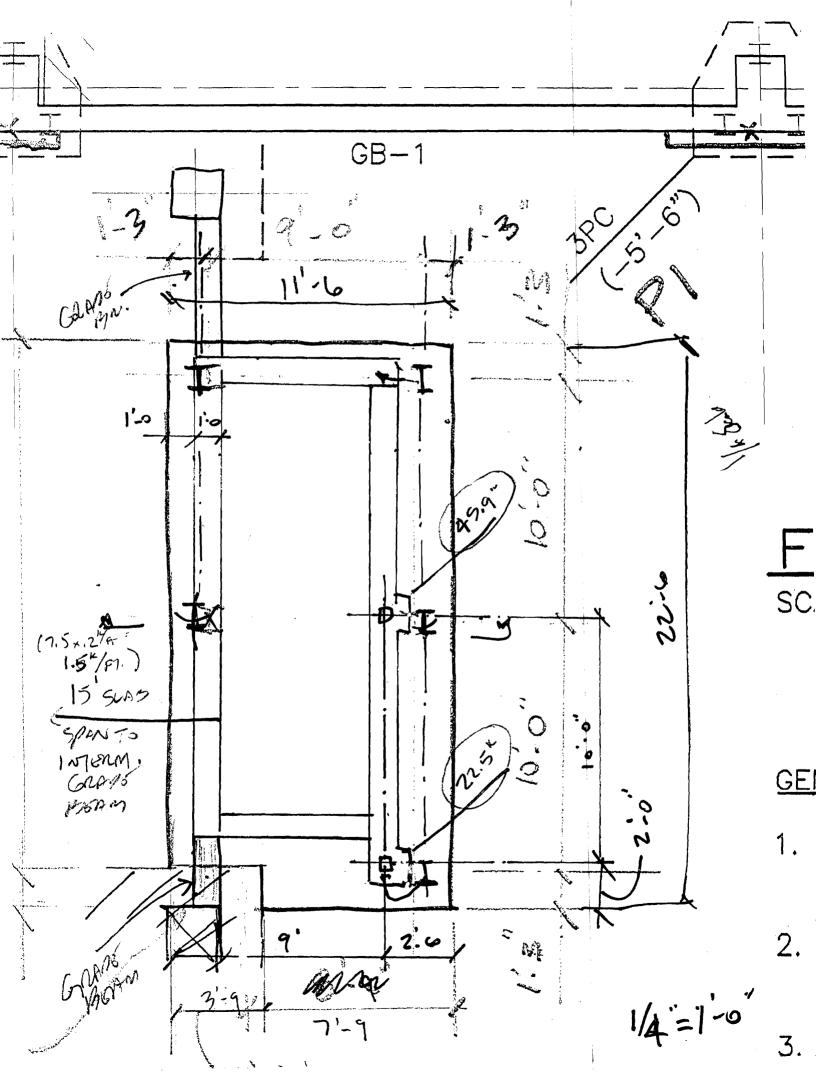


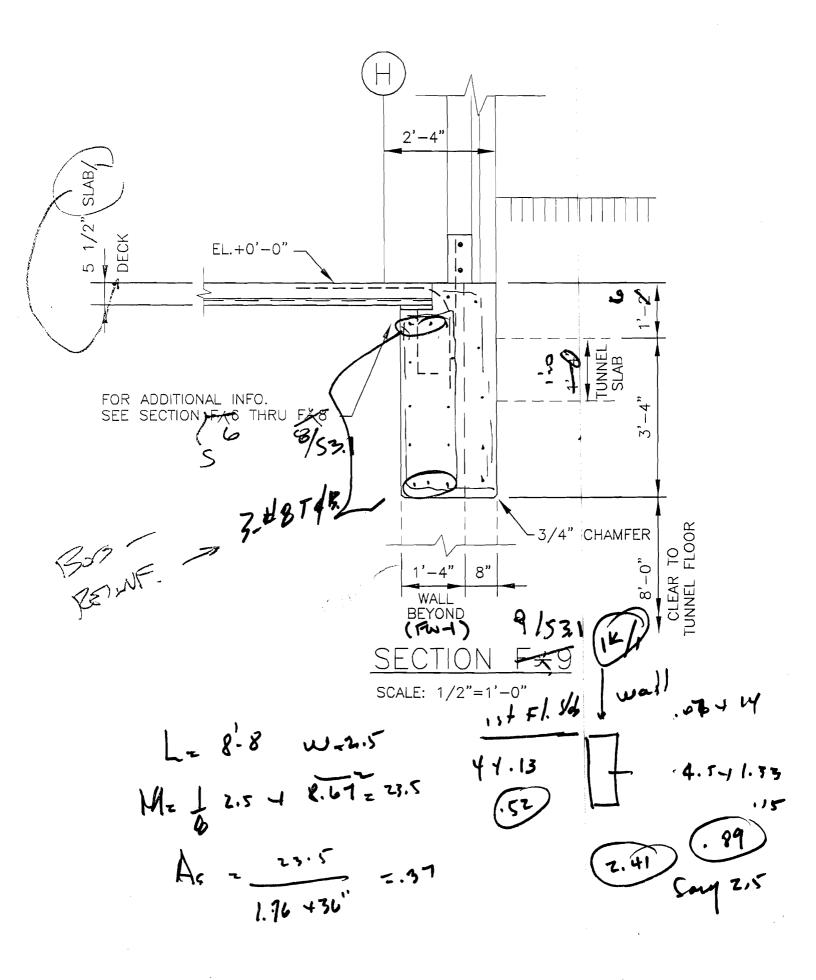












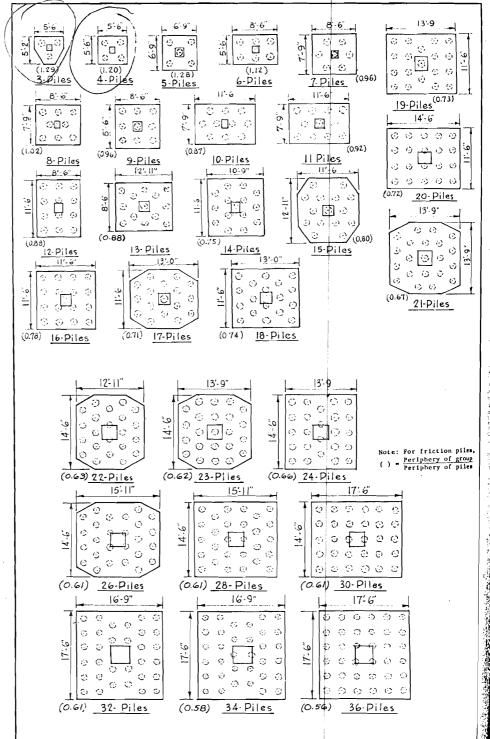


Fig. 13-3 Pile Cap Layout Patterns and Plan Dimensions

CONCRETE REINFORCING STEEL INSTITUTE

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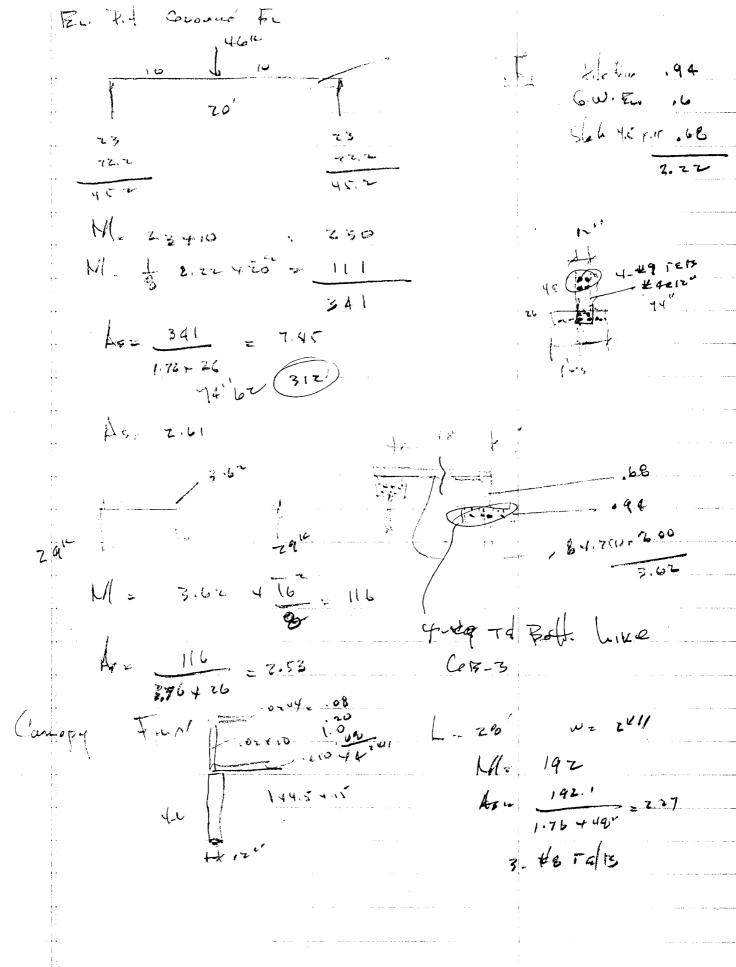
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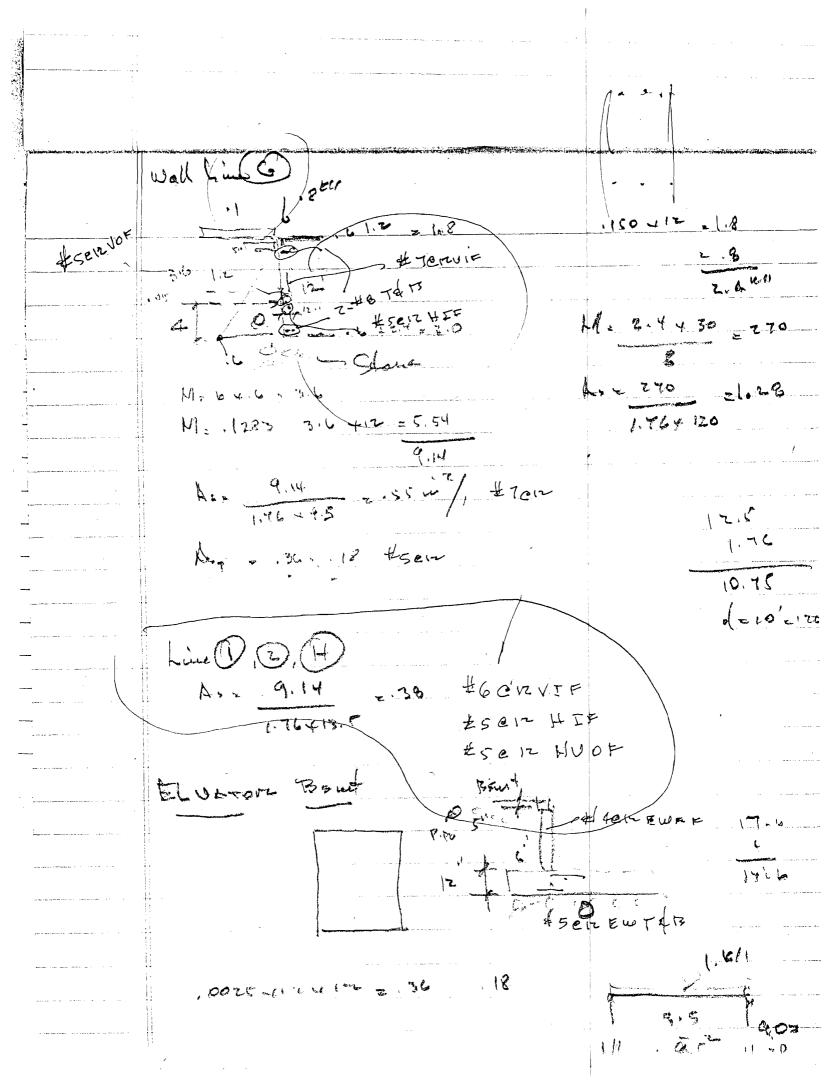
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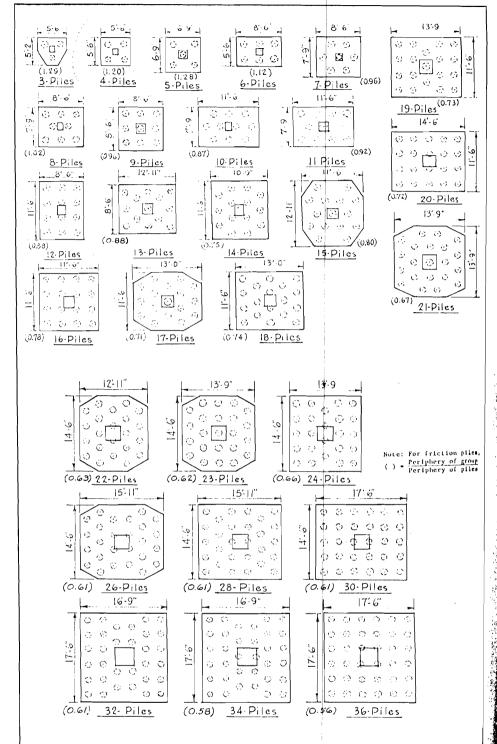


Fig. 13-3 Pile Cap Layout Patterns and Plan Dimensions

CONCRETE REINFORCING STEEL INSTITUTE

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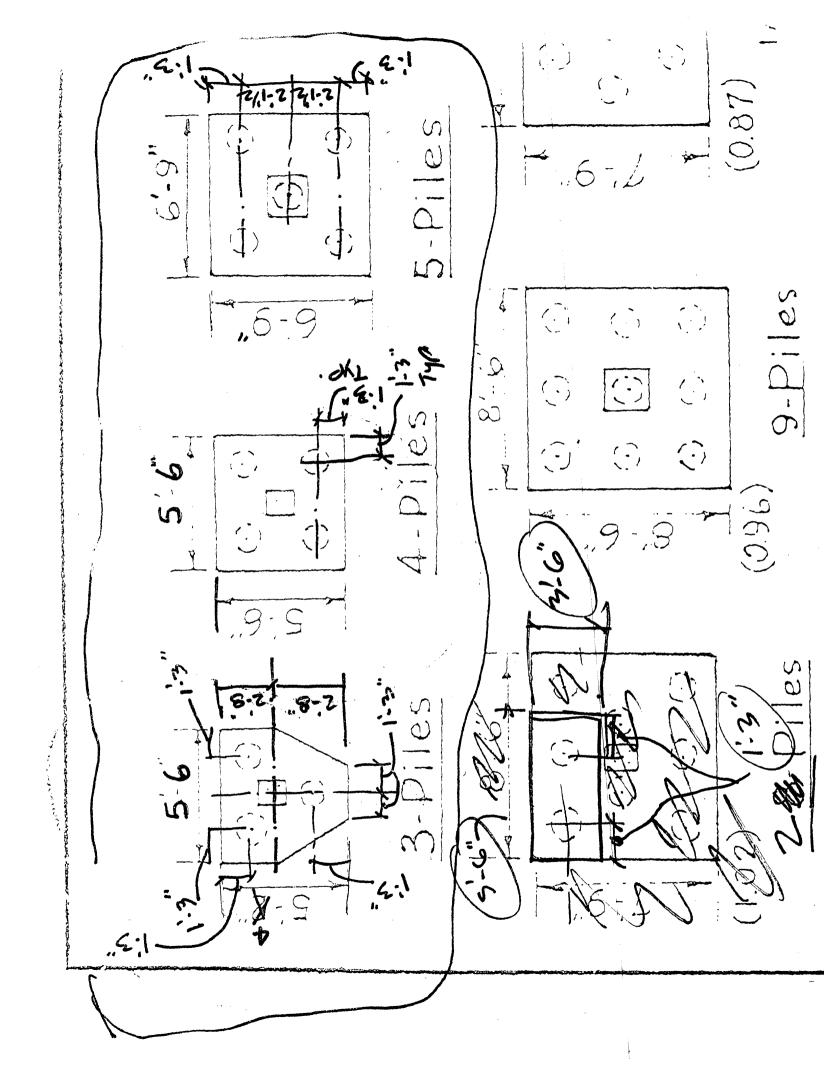
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f _v =	= 60 ksi						I PILES (Min. Pile Max. Pile		ing = 3'-	-0"
	Colu		c	ap Size		Col.		de 60 bars		Quantitie	:s	Max.	
No.		1.6x	A	В	D	Size	Long	Short	Con-	Steel		Size (4)	1
	(D + L)	(D + L)	, ,	(B) ‡	, ((2)	A-Bars	B-Bars	crete	(3)	Form	Column	- 1
Piles	k	k	ftin.	ftin.	in.	in.	NoSize	NoSize	c.y.	tons	s.f.	Dowel	, ,
2	194	311	6-6	3-6	32	9	7-#5	5-#4	2.2	0.027	53	#8	-
3	292	467	5-6 (1-6)	5-1	29	11	7-#5	3 WAYS	1.8	0.054	44	#7	
4	387	620	5-6	5-6	32	12	12-#5	12-#5	2.9	0.062	58	#8	1
5	481	769	6-9	6-9	33	14	6-#8	6-#8	4.6	0.100	74	#8	1
6	577	924	8-6	5-6	38	15	6-#9	12-#7	5.4	0.142	88	#10	1 2
7	667	1068	8-6	7-9	39	16	7-#9	7-#9	7.9	0.181	105	#10	1
8	768	1229	8-6	7-9	38	18	8-#8	10-#8	7.7	0.182	102	#10	1
9	861	1377	8-6	8-6	43	19	8-#9	8-#9	9.5	0.217	121	#11	1
10	953	1525	11-6	7-9	42	20	6-#11	13-#8	11.5	0.301	134	#11	1
11	1049	1679	11-6	7-9	45	20	7-#11	14-#8	12.3	0.340	144	#11	1
12	1138	1822	11-6	8-6	50	21	7-#11	13-#9	15.0	0.381	166	#14	2
13	1223	1957	12-11	8-6	56	22	8-#11	16-#9	18.9	0.481	199	#14	2
14	1330	2128	11-6	10-9	45	23	8-#11	10-#10	17.1	0.454	166	#11	1
15	1417	2268	12-11	11-6	49	24	10-#10	11-#10	20,3	0.527	175	#14	1
	1 1	i = 1	(5-11)	(7-6)	()	1	-	}	1		}		
16	1519	2430	11-6	11-6	49	25	11-#10	11-#10	20.0	1	187	#14	1
17	1610	2577	12-11	11-6	53	25	10-#11	12-#10	22.0	0.613	189	#14	2
	1	1 1	(5-11)	(7-6)	, 1	1		1				}	1
18	1697	2716	12-11	11-6	55	26	11-#11	12-#10	25.2]	223	#14	2
19	1785	2856	13-9	11-6	58	27	11-#11	14-#10	28.3	1	244	#14	2
20	1881	3009	14-6	11-6	57	27	13-#11	14-#10	29.3	1	247	#14	2
21	1977	3164	13-9	13-9	56	28	11-#11	12-#11	30.2	0.809	234	#14	3
		i J	(11-0)	(3-5)	, 1	ł	1	1	1	1	}	, ,	
22	2080	3329	14-6	12-11	55	29	12-#11	12-#11	29.4	0.842	224	#14	1
	1)	, 1	(10-6)	(5-11)	, }	I	1	1		1		1	1.
23	2167	3468	14-6	13-9	57	29	13-#11	13-#11	32.6	0.941	240	#14	jì
	_)	()	(10-6)	(6-9)	, 1	İ	}	1	1	}	'	ļ !	
24	2257	3612	14-6	13-9	57	30	14-#11	14-#11	35.0	1	268	#14	1
26	2429	3886	15-11	14-6	63	31	11-#14	14-#11	42.1	1.169	288	#18	1
	1 1	i 1	(8-11)	(10-6)	,)	i	1	}		}	'	'	1
28	2618	4189	15-11	14-6	63	32	11-#14	14-#11	44.8	1.169	319	#18	1
30	2793	4470	17-6	14-6	65	33	13-#14	17-#11	50.9	1.477	346	#18	1

‡ Clippe (1) Pile c (2) For c overhangs to

Piles

160.

[‡] Clipped Corner Cap Dimensions. See detail drawing.

⁽¹⁾ Pile capacity is for (D + L).

⁽²⁾ For concrete column, minimum side dimension. For steel column, minimum b or t plus 1/2 sum of overhangs to edges of steel base plate.

⁽³⁾ Total steel, long plus short bars.

⁽⁴⁾ Maximum size compression dowel that can develop Grade 60 in depth available.

⁽⁵⁾ c. s. No. = critical shear section; see Fig. 13-7.

⁽³⁾ Total

⁽⁴⁾ Maxir (5) c. s. N

	Col Lo		C	ap Size		Col.	Grad Reb	le 60 oars	c	Quantities		Max.	
No. of Piles	(D + L)	1.6x (D + L) k	A (A) ‡ ftin.	B (B) ‡ ftin.	D in.	Size (2) in.	Long A-Bars NoSize	Short B-Bars NoSize	Con- crete c.y.	Steel (3) tons	Form s.f.	Size (4) Column Dowel	5. (5) No
2	314	502	6-6	3-6	34	11	7-#6	5-#4	2.4	0.037	57	#9	1
3	471	754	5-6	5-1	32	14	8-#5	3 WAYS	2.0	0.062	48	#8	1
			(1-6)	(1-7)	١			7-#7	3.3 3.3		ŀ		Ì
4	626	1002	5-6	5-6	36	16	7-17	7-#7	3.3	0.071	66	#9	4
5	778	1245	6-9	6-9	38	18	7-#8	13-#6		0.119	8.5	#10	1
6	936	1498	8-6	5-6	40	19	9-#9	17-#6	5.7	0.186	93	#11	5
7	1083	1734	8-6	7-9	44	21	12-#7	10-#8	8.9	0.194	119	#11	1
8	1243	1990	8-6	7-9	44	22	8-#9	12-#8	8.9	0.224	119	#11]]
9	1394	2231	8-6	8-6	50	24	9-#9	9-#9	11.1	0.244	141	#14	1
10	1547	2476	11-6	7-9	47	25	10-#10	15-#8	12.9	0.381	150	#14	1
11	1705	2728	11-6	7-9	49	26	11-#10	15-#8	13.4	0.405	157	#14	2
12	1856	2970	11-6	8-6	52	27	12-#10	16-#8	15.6	0.454	173	#14	1
13	2001	3202	12-11	8-6	57	28	12-#11	20-#8	19.3	0.609	203	#14	2
14	2155	3448	11-6	10-9	55	29	10-#10	11-#10	20.9	0.479	203	#14	1
15	2310	3697	12-11	11-6	53	30	11-#11	14-#10	22.0	0.694	189	#14	1
16	2460	3937	(5-11) 11-6	(7-6) 11-6	60	31	12 //10	12 //10	244	0 547	222	//10	١.
17	2625	4201	12-11	11-6	56	31	12-#10 13-#11	12-#10 12-#10	24.4	0.567	230	#18	1
17	2023	4201	(5-11)	(7-6)	100	32	13-#11	12-#10	23.2	0.712	200	#14	1
18	2776	4441	12-11	11-6	56	33	15-#11	13-#10	25.6	0,802	227	#14	1
60	0 - 15	2565		5.5	<u> </u> {5.\$	+ 3.	334.1	50 = 1	310	4 7	الوب		<u>. </u>

‡ Clipped Corner Cap Dimensions. See detail drawing.

(1) Pile capacity is for (D + 1).

(3) Total steel, long plus short bars.

CONCRETE REINFORCING STEEL INSTITUTE

.;	f'c	= 3 = 6	ksi; w O ksi
· · · · · · · · · · · · · · · · · · ·	No. of Piles	(D -	Colui Loa
1 1 1	11 1 2 1 3 2 4 2		94 90 166 17 157 182 2 21 2 24 3 31 343 373
2 3 4 5 6 7	9 11: 14:	13	757 1135 1513 1880 2261
8	188		2628 3010

NOTE: For pile cap (A), B, and additional B

2107

2345

2584

2812

10

11

12

3372

3752

4134

4500

H-hook ends

* Two-pile caps pile capacities are e

† Clipped Corne

(1) Pile capacity
(2) For concrete

overhangs to edges o

(3) Total steel, Ip (4) Maximum size

(5) c. s. No. = cr

⁽²⁾ For concrete column, minimum side dimension. For steel column, minimum b or t plus $\frac{1}{2}$ sum of overhangs to edges of steel base plate.

⁽⁴⁾ Maximum size compression dowel that can develop Grade 60 in depth available.

⁽⁵⁾ c. s. No. = critical shear section; see Fig. 13-7.

Table 3a. Areas and Perimeters of Bars in Sections 1 Ft. Wide (Slabs)

	Areas	As (or A's) (top) sq. m	., Perimete	rs Σo, (bo	ttom) in.					
				(or A's) and							
	Coeffi	cients a = -	$\frac{1_5}{12,000} \times 11$	nserted in t	able are for	use in A ₈ =	$\frac{M}{ad}$ or $A_s =$	NE adi			
Spacing	#2 -	#3	H-1	#5	#6	#7	#8	#9	#10	#11	Spacing
	0.30 4.7	0,66	1, 20	1.86	2, 64						2
2-1/2	0.24	7.1 0.53	0.4	11.8	2. 11	2.88	3, 79				2-1/
	0.20	0.34	$\frac{7.5}{0.80}$	9,4 1,24	11.3	13.2	3.16	4.00			
3	3.1	4,7	6, 3	. <u>i</u> , 8	9, 4	11.0	12.6	14, 2	4 1/6		3
3-1/2	0, 1 7 2, 7	0.38 4.0	0, 69 5, 4	1.06 6.7	1.51 8.1	2.06 9.4	2.71 10_8	3.43 12.2	4, 36 13, 7		3-1/
-1	0.15	0.33	0.60	0.93	1.32	1.80	2. 37	3.00	3.81	4.68	4
	0. 13	3, 5 6, 29	4, 7 0, 53	5.9 0.83	7.1	8.3 1.60	9.4	10.6 2.67	12.0 3.39	13.3 4.16	
4-1/2	2.1	3.1	4.2	5, 2	6.3	7.3	n, 4	9.5	10.6	11.8	4-1/
5	0.12 1.9	0.26 2.8	0.48 3.5	0.74 4.7	1.06 5.7	1.44 6.6	1,90 7,5	2.40 8.5	3, 05 9, 6	3,74 10.6	5
5-1/2	0.11	e. 24	0.44	0.68	0.96	1.31	1.72	2.18	2.77	3.40	5-1/
.,- 1/2	0.10	2.6 0.22	3. 4 0. 40	4.3 0.62	5, 1	6, 0 1, 20 -	6, 9 1, 58	7.7 2.00	8.7 2.54	9, 7	3-17
6	1.6	2.4	3, 1	3,9	0.88 4.7	5.5	6.3	7.1	8.0	8,9	6
6-1/2	0.09	0.20	0.37	0.57	0.81	1.11	1.46	1.85	2.35	2.88	6 - 1/
	0,09	7, 2 0, 19	2, 9 0, 34	3.6 0.53	1.4 0.75	5.1 1.03	5, 8 1, 35	- G. 5 1.71	2.18	8.2 2.67	 -
7	1.3	2.0	2.7	3.4	4.0	1. /	5.4	6, 1	6, 8	7.6	7
7-1/2	0.08	0.18	0.52	0.50	0.70	0.96	1,26	1,60	2.03	2,50	7-1/
	1, 3	1, 9 0, 17	2.5 0.50	0.17	3.8 0.66	4,4 0,90,	5.0 1.19	5.7 1.50	6.4	7, 1 2, 34	
8	1.2	1. 4	2, 4	2.9	3.5	4, 1	4.7	5, 3	6.0	6, 6	8
5-1/2	0.07 1.1	0.16	0, 28 2, 2	0.44	0.62 3.3	0.85 3.9	$\frac{1.12}{4.4}$	1,41 5,0	1.79 5.6	2, 20 6, 2	8-1/
	0.07	9, 15	0.27	0.41	0.59	0.50	1.05	1. 33	1.69	2.08	
9	1.0	1.6	2.1	2.6	3.1	3.7	4, 2	4,7	5.3	5, 9	9
v-1/2	0.06 1.0	0.14	0, 25 2, 0	0.39	0.56 3.0	0.76 3.5	f. 60 4. 0	1.26 4.5	1,60 5,0	1.97 5.6	9-1/
10	0.06	0, 13	0, 24	0.37.	0.53	0.72	0.55	1,20	1.52	1.87	16
 i	0.9	0.13	1.9	2.4	0.50	- 3.3	3, 8 0, 90	4.3	4.8	5.3	+
10-1/2	0.06	1.3	1 1.8	2.2	2.7	0.69 3.1	3.6	4.0	1, 45 4, 6	1.78	10-1
11	0.05	0.12	0.22	0.34	0.48	0.65	0.86	1.09	1.39	1.70	11
	0.9	1,3	0, 21	0.32	2.6 0.46	3.0 0.63	3.4 0.82	3.9 1.04	4, 4 1, 33	1.63	 -
11-1/2	08	1,2	1.6	2.0	2.5	2.9	3.3	3.7	4.2	4.6	11,-1
12	0, 05 0, 8	e. 11 1, 2	0.20	0.31	0.44 2.4	0.60	0.79 3.1	1.00	1, 27 1 4, 0	1.56	12
13		a	0.18	0, 29	0.41	0,55	0.73	3, 5 0, 92	1.17	1.44	13
	ly		1.1	1.8	2.2	2.5	2.9	3.3	3,7	4.1	13
14	16,000 18,000	1 13	0, 17 1, 3	0.27 1.7	0.38 2.0	0.51 2.4	0.68 2.7	0.86 3.0	1,09 3,4	1,34 3,8	14
15	20,000	1.44	0.16	0.25	0.35	0.48	0.63	0.80	1.02	1.25	15
	22,000 24,000	1.60	1, 3 0, 15	1.6 0.23	1.9 0.33	0.45	2.5 0.59	2.8 0.75	3. 2 0. 95	3,5	
16	24, 000	2.00	1. 2	1.5	1.8	2.1	2, 4	2.7.	3.0	3,3	16
17	30,000	2, 24	0.14	0.22	0.31	0, 12	0.56	0.71	0.50	1.10	17
	.33, 000	2.48	0.13	0.21	0, 29	0,40	2.2 0.53	2, 5	0,85	3.1	
18		1	1, 0	1.3	1.6	1. 4	2.1	2.4	2.7	3.0	18

Table 3b. Properties of Steel Reinforcing Bars

				Nomina.	- mensic	ons-roun	ii sections							
		Bar designation No.												
	2	3	-4	5	6	7	8	9	10	11	148	158		
Unit Weight per It., 1b	0.167	0.376	0. 668	1.043	1.502	2.044	2,670	3.400	4, 303	5, 313	7, 65	13.60		
Conneter m.	0.250	0.375	0.500	0.625	0.750	0.875	1.000	1, 128	1.270	1, 410	1, 693	2. 35		
	0, 05	0.11	9.20	ů. 31	U. 44	0.60	6,79	1.00	1.27	1.66	2 95	4 !***		
Cross-sectional area, sq. in	1			0.31		 		ļ	1. 27					

From:

Jean Fraser

To:

Dobson, Lannie

Date:

12/19/2006 5:31:52 PM

Subject:

Landmark Trust request for Permit for Mercy site MOB

Lannie,

Please continue to hold on this- there are legal issues but Penny was ill today so I could not establish where that has got to.

In addition, I need to check re the conditions and Performance Guarantee on this to reach all the relevant parties. Revised site plans have not been submitted.

Are they asking for a building permit or foundation permit?

I will get back to you asap.

Thanks Jean

CC:

Alex Jaegerman; Bourke, Jeanie; Reynolds, Jay

Special Inspections Program (2003 International Building Code)

In accordance with the provisions of Chapter 17 of the 2003 International Building Code, this form is to list the special inspections as required for the proposed construction located at:

PROPERTY ADDRESS (print): Fore River Medical Pavilion, Portland, Maine

OWNER'S NAME (print):

Landmark Healthcare Facilities, LLC

The design professional(s) of record shall indicate by a checkmark which of the special inspections listed below are required for the above mentioned construction site:

VERIFICATION & INSPECTION ITEM

REQUIRED

VERWITCHTON & ENGINEERING	TOTAL CHAPT
Fabrication of structural load-bearing members and assemblies (1704.2) (Refer to Table 1704.3)	Г
<u>Steel:</u> (1704.3) (Refer to Table 1704.3)	ि
<u>Concrete:</u> (1704.4) (Refer to Table 1704.4)	ĺ۵
Masonry: (1704.5) (Refer to Table 1704.5.1 & 1704.5.3)	Г
Fabrication process of prefabricated wood structural elements and assemblies (1704.6)	
Existing site soil conditions, Fill placement, load bearing requirements (1704.7)	বি
Pile/ Caisson/ Pier Foundations (1704.8 & 1704.9)	বি
Wall panels and Veneers (Seismic design category "E" or "F" buildings only) (1704.10)	Г
Sprayed Fire-Resistant Materials (1704.11)	Г
Exterior Insulation and Finish Systems (EIFS) (1704.12)	Г
Special Cases (Attach separate sheet, if necessary) (1704.13)	Г
Smoke control systems (1704.14)	Γ
Seismic resistance (1707)	

As Structural Engineer of Record, we are identifying structural items to be inspected and to be administered by the Architect, Design Professional, Francis Cauffman Foley Hoffmann (Responsible for maintaining records of all inspections; furnishing reports to the Building Inspector; and verifying that the special inspector for each required item above is qualified to perform that inspection).

Structural Engineer of Record: Robert E. Chester Associates Consulting Engineers 119 Coulter Avenue, Suite 175 Ardmore, PA 19003 (610) 645-9570 Special Inspections Administrator: Francis Cauffinan Foley Hoffmann Architects, Ltd. 2120 Arch Street Philadelphia, PA 19103 (215) 568-8250

		Table 1704.3 Required Verification and Inspection of Steel Construction		
Yes	No	Verification & Inspection	Continuous	Periodic
		1. Material verification of high-strength bolts, nuts and washers:		
4		a. Identification markings to conform to ASTM standards specified in the approved construction documents		Ø
	4	b. Manufacturer's certificate of compliance required		\square
	9	2. Inspection of high-strength bolting:		
		a. Bearing-type connections		\square
		b. Slip-critical connections	\square	Ø
		3. Material verification of structural steel:		
9		a. Identification markings to conform to ASTM standards in the approved construction documents		g
	9	b. Manufacturer's certified mill test reports		
		4. Material verification of weld filler materials:		
		a. Identification markings to conform to AWS specification in the approved construction documents		4
		b. Manufacturer's certificate of compliance required		
		5. Inspection of welding:		ı
		a. Structural steel		
		Complete and partial penetration groove welds	\square	
<u>u</u>		2) Multipass fillet welds	\square	
4		3) Single-pass fillet welds > 5/16"	\square	
9		4) Single-pass fillet welds ≤ 5/16"		\square
9		5) Floor and deck welds		
	122	b. Reinforcing steel		
		1) Verification of weldability of reinforcing steel other than ASTM A 706.		Ø
		 Reinforcing steel-resisting flexural and axial forces in intermediate and special moment frames, and boundary elements of special reinforced concrete shear walls and shear reinforcement 	Ø	۵
		3) Shear reinforcement	\square	
		4) Other reinforcing steel		\square
4		6. Inspection of steel frame joint details for compliance with approved construction documents:		Ø
4		a. Details such as bracing and stiffening		
	٧	b. Member locations		
	3	c. Application of joint details at each connection		

			Table 1704.4 Required Verification and Inspection of Concrete Construction			
Yes	No	Ve	rification & Inspection		Continuous	Periodic
9		1.	Inspection of reinforcing steel, including prestressing tendons, and placement			Ø
	3	2.	Inspection of reinforcing steel, welding in accordance with Table 1704.3, Item 5B			
3		3.	Inspect bolts to be installed in concrete prior to and during placement of concrete where allowable loads have been increased	nt	Ø	۵
<u> </u>		4.	Verifying use of required design mix			abla
		5.	At the time fresh concrete is sampled to fabricate specimens for strength tests, perform slump and air content tests, and determine the temperature of the concrete	е	Ø	
	प्र	6.	Inspection of concrete and shotcrete placement for proper application techniques	n	7	
9		7.	Inspection for maintenance of specified curing temperature and techniques			
		8.	Inspection of prestressed concrete:			
			a. Application of prestressing forces		I	
			b. Grouting of bonded prestressing tendons in the seismic-force-resisting system		Ø	
	4	9.	Erection of precast concrete members			
	d	10.	. Verification of in-situ concrete strength, prior to stressing of tendons in posttensioned concrete and prior to removal of shores and forms from beams and structural slabs			Ø

Robert E. Chester Associates, Consulting Engineers

119 Coulter Avenue, Suite 175, Ardmore, PA 19003 - Phone: 610-645-9570 - Fax: 610-645-9572

January 17, 2007

Mr. J. Thomas Hyde, AIA Francis, Cauffman, Foley, Hoffmann, Architects, Ltd. The Can Company, Signature Building 2400 Boston Street, Suite 402 Baltimore, MD 21224

Re: Landmark Healthcare Facilities, LLC – Fore River Medical Pavilion, Portland, ME – FCFH project no. F06-5103, RECA job no. 049-06

Dear Tom:

We have received several questions or comments via email or phone in the past several days, arising out of the Portland, Maine permit review process for the above-referenced project. We have reviewed the questions and comments, and offer the following response

<u>Comment:</u> Please provide a fully executed statement of Special Inspections and Seismic Quality assurance plan.

Responses: A certificate of special inspections was issued previously to FCFH Architects for the permit submission. A copy of the expanded form is enclosed (see below); Seismic quality assurance plan (Reference: IBC 2003 Section 1705) - This refers to specific seismic force resisting systems in seismic design categories C thru F. Systems of higher ductility (R>3) require special detailing in accordance with AISC 341 ("Seismic provisions"). The quality assurance plan covers inspections and testing of this work during construction. However, the use of structural steel systems not specifically detailed for seismic resistance is permitted by IBC 2003, for design category C (R=3, Table 1617.6.2). This is the case for our project, and the appropriate design criteria is listed on drawing S4.2. Therefore, a seismic quality assurance plan is not applicable.

<u>Comment:</u> The Steel Standards referenced on Page SG0001 of the plans and in Section 5120 of the spec book are slightly different, and neither seem to match the referenced standards in Sections 2205 of the 2003 IBC. Can you provide a comparison that demonstrates that the referenced standard in the construction documents meets or exceeds the code.

Response: The structural specification notes are listed on drawing S4.2 (reference to page SG0001 is unknown). These steel notes refer only to the latest edition of the AISC specifications. The project specifications, Section 05120 makes specific reference to AISC "Specification for Structural Steel Buildings - Allowable Stress Design and Plastic

Page 2.

Design". AISC has adopted a new numbering system for their publications, and the number for the above mentioned specification is "AISC-335". AISC-335 is listed in Section 2205 of IBC 2003, so the reference in the project specs and IBC refer to the same AISC "Specification for Structural Steel Buildings - Allowable Stress Design and Plastic Design".

<u>Comment:</u> Please review Section 1808 and 1809 of the 2003 IBC. Please provide information that established compliance with all of the applicable sub sections.

Response: Drawings and specifications submitted comply with Section 1808 - Pier and Pile Foundations and Section 1809 - Driven Pile Foundations (1809.3 – Steel Piles applicable only). Driving criteria and testing required are specified in the specification and addendum under section 02365 – Driven Piles, and in the Geotechnical report (supplied by Owner).

<u>Comment:</u> The Statement of Special Inspections submitted does not comply with Section 1704, 1705, 1707, 1708, 1709 and 1710.

Response: An expanded statement, including accompanying checklist tables is included with this letter. The overall checklist and tables are in direct relation to applicable portions of Section 1704, and covers structural items only. Architectural and MEP sections shall be as designated by the those specific Design Professionals. Sections 1705, 07, and 09 relate to special seismic inspections and testing, which has been addressed in a previous response. The requirements of Section 1709 "Structural Observations" do not apply to this project. The conformance to standards, per section 1710 are covered in the Statement of Special Inspections.

If there are further questions or comments regarding the enclosed responses and attachments, please have the governing authority clarify specific areas of concern, so we may address them and offer a prompt response. Otherwise, we trust that these responses will comply.

Respectfully Submitted,

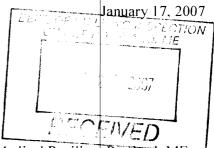
Robert E. Chester, PE

Robert E. Chester Associates

Robert E. Chester Associates, Consulting Engineers

119 Coulter Avenue, Suite 175, Ardmore, PA 19003 - Phone: 610-645-9570 - Fax: 610-645-9572

Mr. J. Thomas Hyde, AIA Francis, Cauffman, Foley, Hoffmann, Architects, Ltd. The Can Company, Signature Building 2400 Boston Street, Suite 402 Baltimore, MD 21224



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Robert E. Chester, PE

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