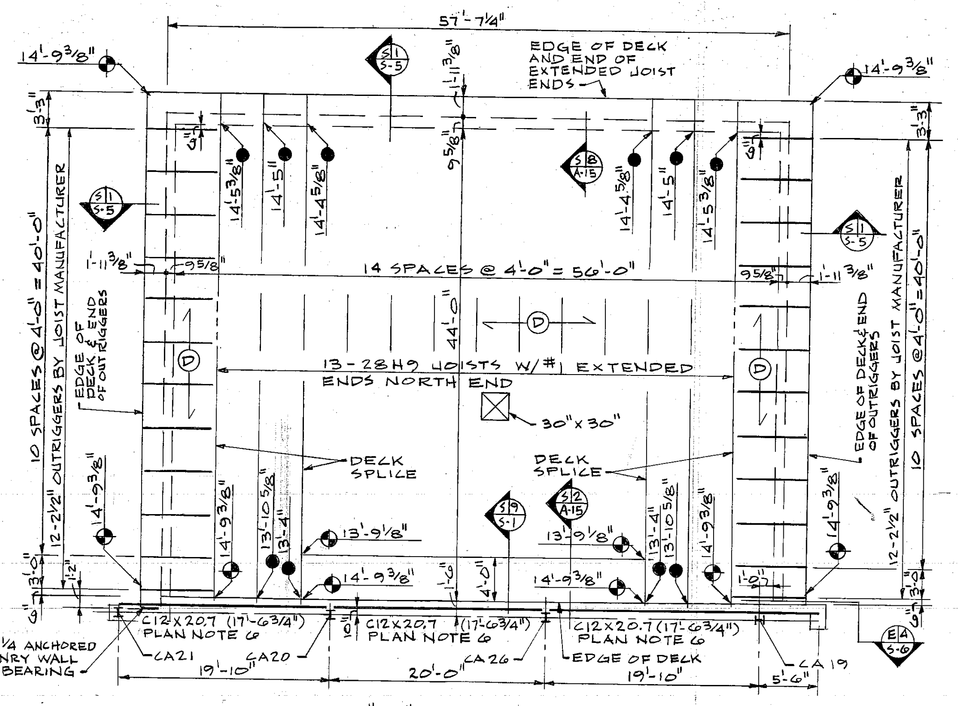
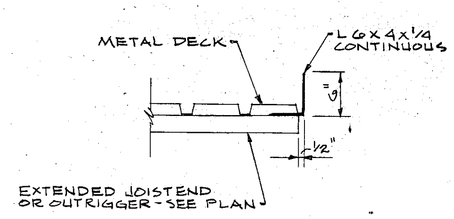
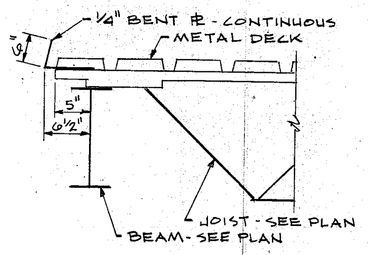


UNIT "A" INTERMEDIATE ROOF FRAMING PLAN

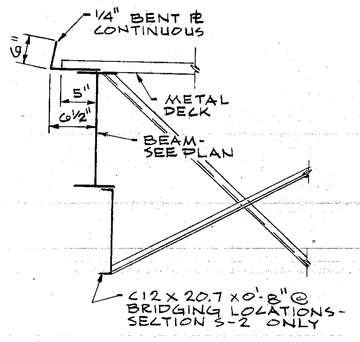
SCALE ~ 1/8" = 1'-0"



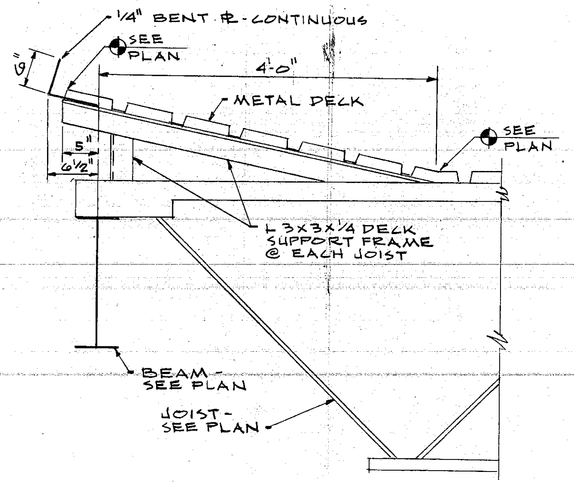
SECTION 3/1 3-5



SECTION 5/4 3-5



SECTION 5/2 3-5 5/3 3-5



SECTION 5/5 3-5

COLUMN SCHEDULE

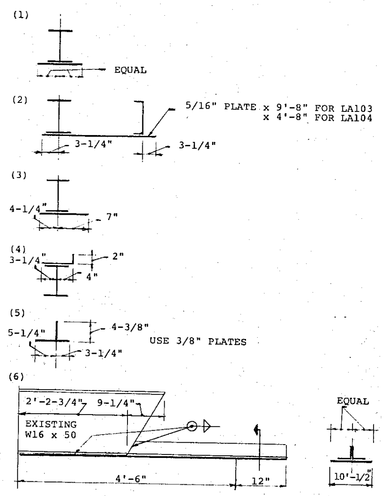
MARK	SECTION	TOP PLATE	BASE PLATE	TOP OF PIER BELOW ELEVATION 646'-0"
CA1, CA2, CA3, CA4, CA5, CA7, CA8, CA9, CA10, CA12, CA20, CA21, CA22, CA26	W 8 x 31	3/8 x 8 x 14	3/4 x 16 x 16 (3)	1'-4"
CA6, CA11, CA18, CA23	W 8 x 31	S.F.C. (1) 3/8 x 9 x 9 (2)	3/4 x 16 x 16 (3)	1'-4"
CA13	W 8 x 31	S.F.C. (1)	3/4 x 16 x 16 (3)	1'-4"
CA14	W 8 x 35	S.F.C. (1) 3/8 x 9 x 9 (2)	3/4 x 16 x 16 (3)	1'-4"
CA15	W 8 x 40	3/8 x 8 x 14	3/4 x 16 x 16 (3)	1'-4"
CA16, CA17	W 8 x 48	3/8 x 8 x 14	3/4 x 16 x 16 (3)	1'-4"
CA19	W 8 x 31	S.F.C. (1) 3/8 x 8 x 9 (2)	3/4 x 16 x 16 (3)	1'-4"
CA24, CA25	W 10 x 54	3/8 x 10 x 16	3/4 x 11 x 11	1'-4"

1. S.F.C.= Standard frame connection
2. Top plate is not centered on column, edge of plate is edge of deck.
3. Use 4-3/4" ø anchor bolts, one in each corner of base plate.

LINTEL SCHEDULE CONTINUED

MARK	SPAN	SECTION	CONNECTION	LENGTH	PLATE WIDTH
LA186	1'-0"	FOUR L 3 x 3 x 1/4	2 WELD BB 2 WELD BB	2'-4"	-----
LA187	4'-8"	L 4 x 3 x 1/4	-----	6'-0"	-----
LA188	4'-8"	TWO L 4 x 3 x 1/4	WELD-BB	6'-0"	-----
LA189	1'6"	TWO L 3 x 3 x 1/4	WELD BB	2'-10"	-----
LA190,LA191,LA205 LA208, LA215, LA216	1'-0"	TWO L 3 x 3 x 1/4	WELD BB	2'-4"	-----
LA192, LA194, LA200, LA202	2'-0"	TWO L 4 x 3 x 1/4	WELD BB	3'-4"	-----
LA193, LA195, LA198 LA201, LA211	4'-0"	TWO L 3 x 3 x 1/4	WELD BB	5'-4"	-----
LA196, LA199, LA217 LA218 (8)	3'-2"	TWO L 4 x 3 x 1/4	WELD BB	4'-6"	-----
LA197	2'-0"	PRECAST CONCRETE	-----	4'-0"	-----
LA219, LA220	3'-0"	L 3 x 3 x 1/4	-----	4'-4"	-----

LINTEL NOTES

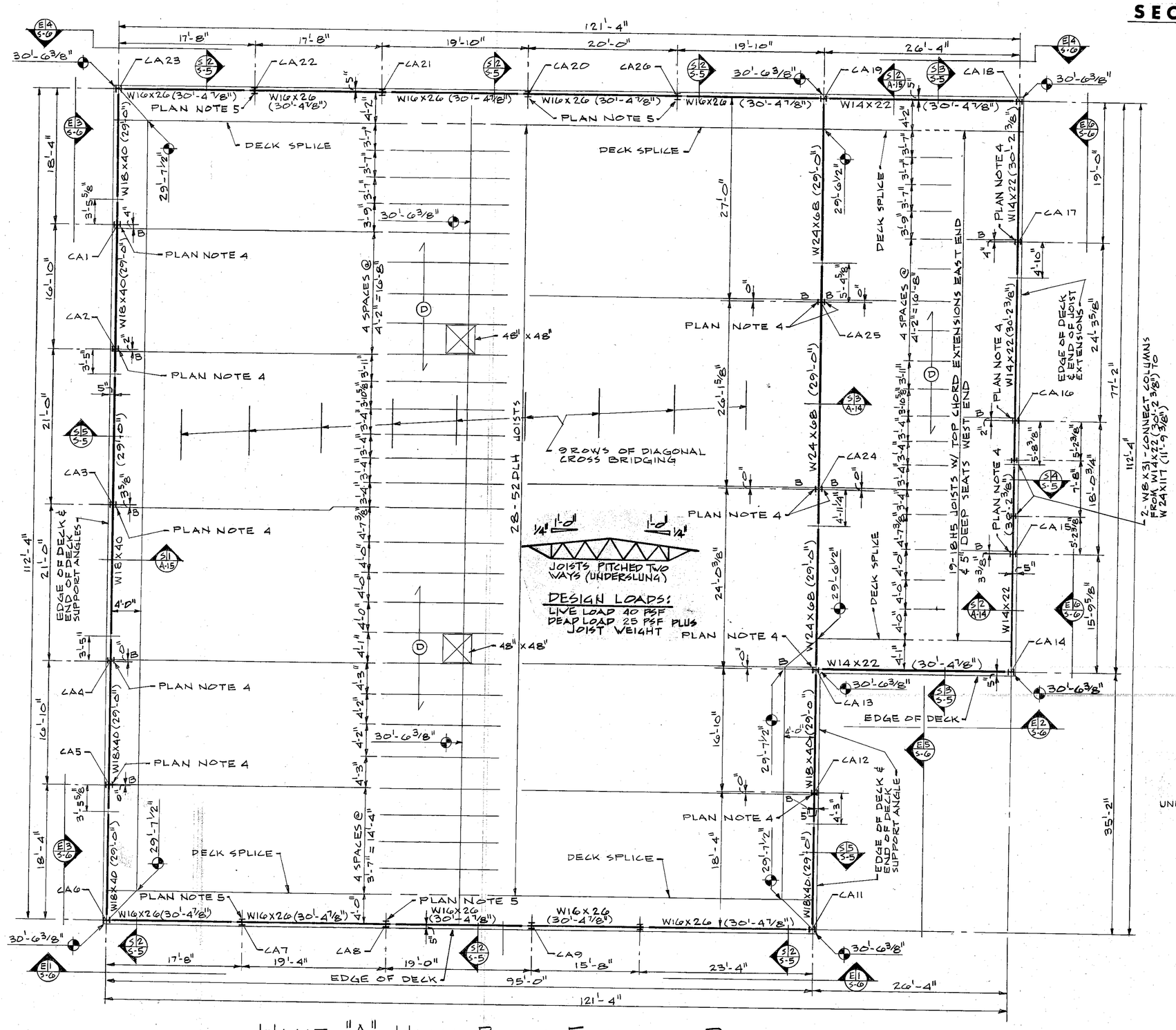


(7) ALL PLATES SHALL BE 5/16" THICK AND THE SAME LENGTH AS THE SECTION UNLESS NOTED OTHERWISE

(8) VERIFY LENGTH WITH MECHANICAL CONTRACTOR.

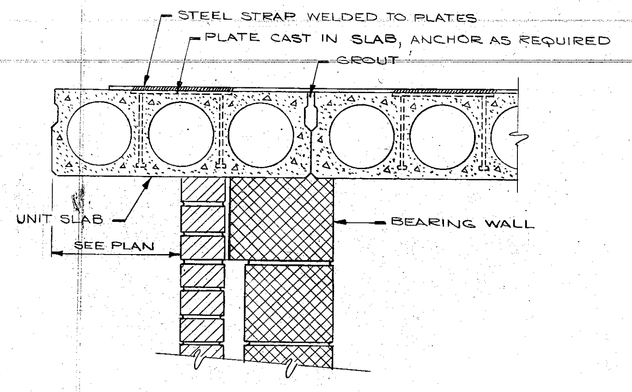
LINTEL SCHEDULE

MARK	SPAN	SECTION	CONNECTION	LENGTH	PLATE WIDTH
LA101,LA102	6'-4"	W 8 x 18	(1)	10'-4"	10-1/2"
LA103	8'-4"	W 8 x 18 C 8 x 11.5	(2)	12'-4"	26-1/2"
LA104	3'-4"	W 8 x 18 C 8 x 11.5	(2)	7'-4"	26-1/2"
LA105	3'-4"	W 8 x 18	(1)	7'-4"	12-1/2"
LA106	6'-4"	W 8 x 18	(3)	10'-4"	11-1/4"
LA107	10'-0"	W 8 x 18	(4)	12'-0"	9-1/4"
LA108	6'-4"	W 8 x 15	(1)	10'-4"	6-1/2"
LA109,LA110,LA139,LA140 LA159	3'-4"	TWO L 3 x 3 x 1/4	WELD BB	7'-4"	-----
LA111,LA112,LA113,LA114 A115,LA116,LA160,LA161 LA162,LA163,LA164,LA165	3'-0"	(5)	----	5'-0"	-----
LA117,LA118,LA119	4'-10"	L3-1/2 x 3 x 1/4	WELD LLBB	8'-10"	-----
LA120,LA121,LA124,LA127 LA129,LA136,LA138,LA141 LA143,LA146,LA147,LA149 LA150,LA155,LA157	3'-4"	L 3 x 3 x 1/4	WELD BB	4'-8"	-----
LA122,LA123	7'-8"	TWO L 3 x 3 x 1/4	WELD BB	9'-0"	-----
LA125	3'-4"	W 8 x 18	(1)	7'-4"	10-1/2"
LA126,LA145,LA171	2'-0"	TWO L 3 x 3 x 1/4	WELD BB	3'-4"	-----
LA128,LA137,LA142	5'-10"	L3-1/2 x 3 x 1/4	WELD LLBB	7'-2"	-----
LA130	5'-0"	TWO L 3 x 3 x 1/4	WELD BB	5'-8"	-----
LA131,LA132	4'-0"	W 8 x 10	(1)	5'-0"	-----
LA133	3'-4"	L3-1/2 x 3 x 1/4	WELD LLBB	7'-4"	-----
LA134,LA154	6'-4"	L3-1/2 x 3 x 1/4	WELD LLBB	10'-4"	-----
LA135,LA144	4'-6"	PL 5/16 x 5'-6" 2-L3 x 3 x 1/4	ALL LOOSE (6)	SEE DETAIL	10-1/2"
LA148,LA151	4'-6"	W 8 x 13	(1)	8'-6"	6-1/2"
LA152,LA153	3'-4"	THREE L 3 x 3 x 1/4	LOOSE	4'-8"	-----
LA156	8'-0"	W 8 x 15	(1)	12'-8"	6-1/2"
LA158	3'-4"	W 8 x 10	(1)	7'-4"	6-1/2"
LA166	12'-0"	W 8 x 21	(1)	14'-0"	6-1/2"
LA167	3'-4"	TWO L 4 x 3 x 1/4	WELD LLBB	5'-4"	-----
LA168	2'-6"	TWO L3-1/2 x 3 x 1/4	WELD LLBB	4'-6"	-----
LA169	12'-4"	W 8 x 21	(1)	16'-4"	6-1/2"
LA170	1'-8-3/4"	TWO L 3 x 3 x 1/4	WELD BB	2'-4"	-----
LA172	6'-4"	W 8 x 18	(1)	10'-4"	12-1/2"
LA173	3'-6"	L 4 x 3 x 1/4	-----	4'-10"	-----
LA174, LA175, LA178	2'-2"	TWO L 4 x 3 x 1/4	WELD BB	3'-6"	-----
LA176, LA177 (8)	4'-0"	TWO L 4 x 3 x 1/4	WELD BB	5'-4"	-----
LA179	1'-2"	TWO L 3 x 3 x 1/4	WELD BB	2'-6"	-----
LA180, LA181, LA203 LA204, LA206, LA207 LA209, LA210, LA212 LA213, LA214	2'-0"	L 3 x 3 x 1/4	-----	3'-4"	-----
LA182	7'-8"	TWO L3-1/2 x 3 x 1/4	WELD LLBB	9'-0"	-----
LA183	5'-0"	TWO L3-1/2 x 3 x 1/4	WELD LLBB	6'-4"	-----
LA184	2'-8"	THREE L 3 x 3 x 1/4	2 WELD BB 1 LOOSE	4'-0"	-----
LA185	1'-2"	THREE L 3 x 3 x 1/4	2 WELD BB 1 LOOSE	2'-6"	-----



UNIT "A" HIGH ROOF FRAMING PLAN

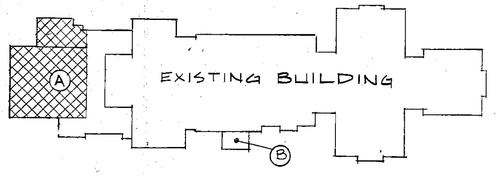
SCALE ~ 1/8" = 1'-0"



SECTION 5/6 3-5

PLAN NOTES

1. See Sheet "S-1" for general framing notes and typical details.
2. ◆ 30'-6-3/8" denotes top of roof deck above nominal first floor elevation of 646'-0"=0'-0".
3. —D— denotes 1-1/2", 20 gauge metal roof deck and direction of span.
4. Extend bottom chord of joist and connect securely to column.
5. Connect diagonal cross bridging to column.
6. Provide 3/4" ø anchor bolts at 4'-0" o.c. from channel to masonry wall. Channels frame to columns.



KEY PLAN
NO SCALE

NORTH

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EVERETT · BROWN COMPANY
5500 WEST BRADBURY AVENUE •
ADDITION TO AND RENOVATION OF WESTCHESTER MIDDLE SCHOOL

DANIEL J. WILLIAMS REGISTERED No. 9092 STATE OF INDIANA PROFESSIONAL ENGINEER

PROJECT 3178	DATE NOV 5 1979	REVISED

NO. S-5
OF 10

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