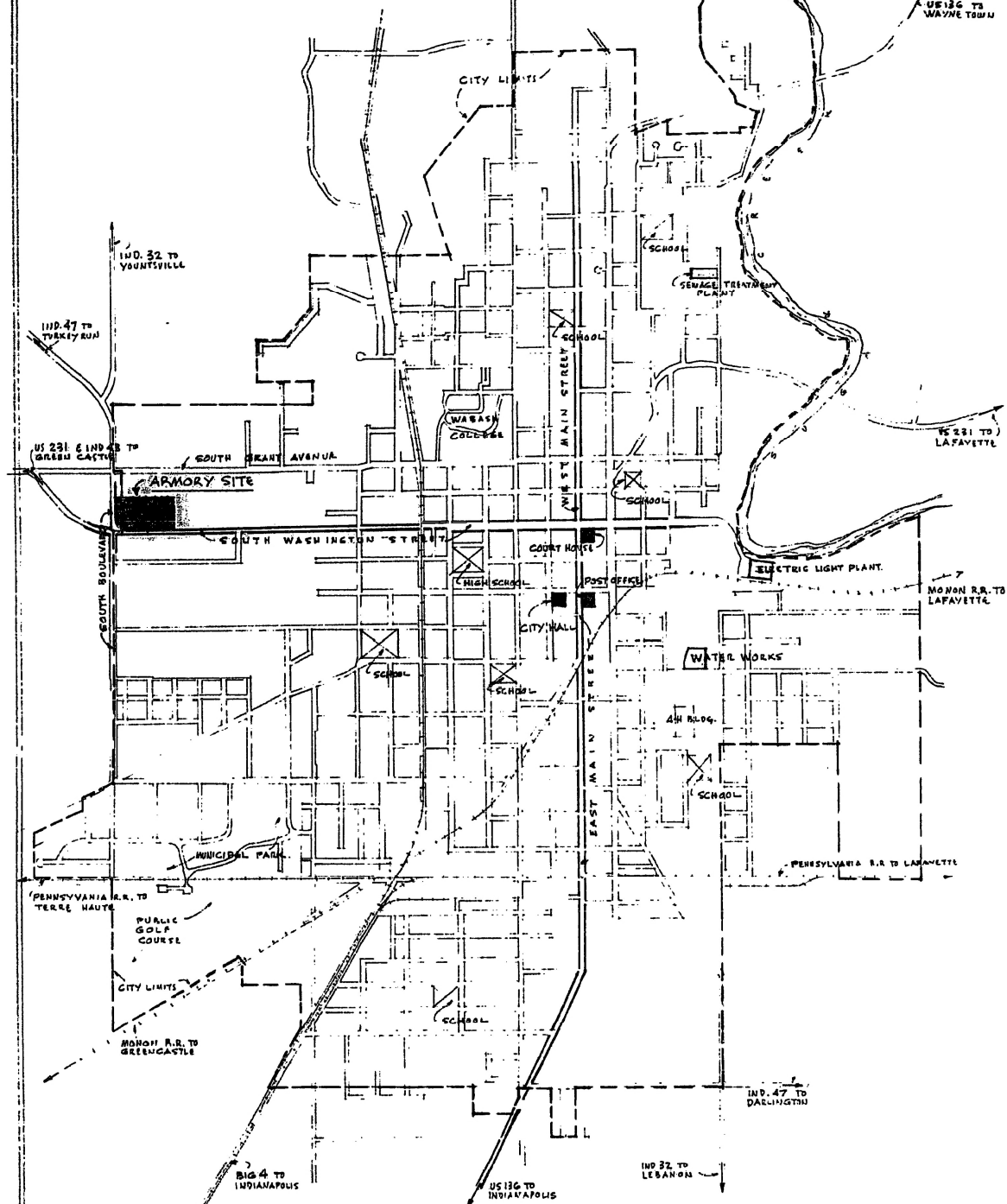
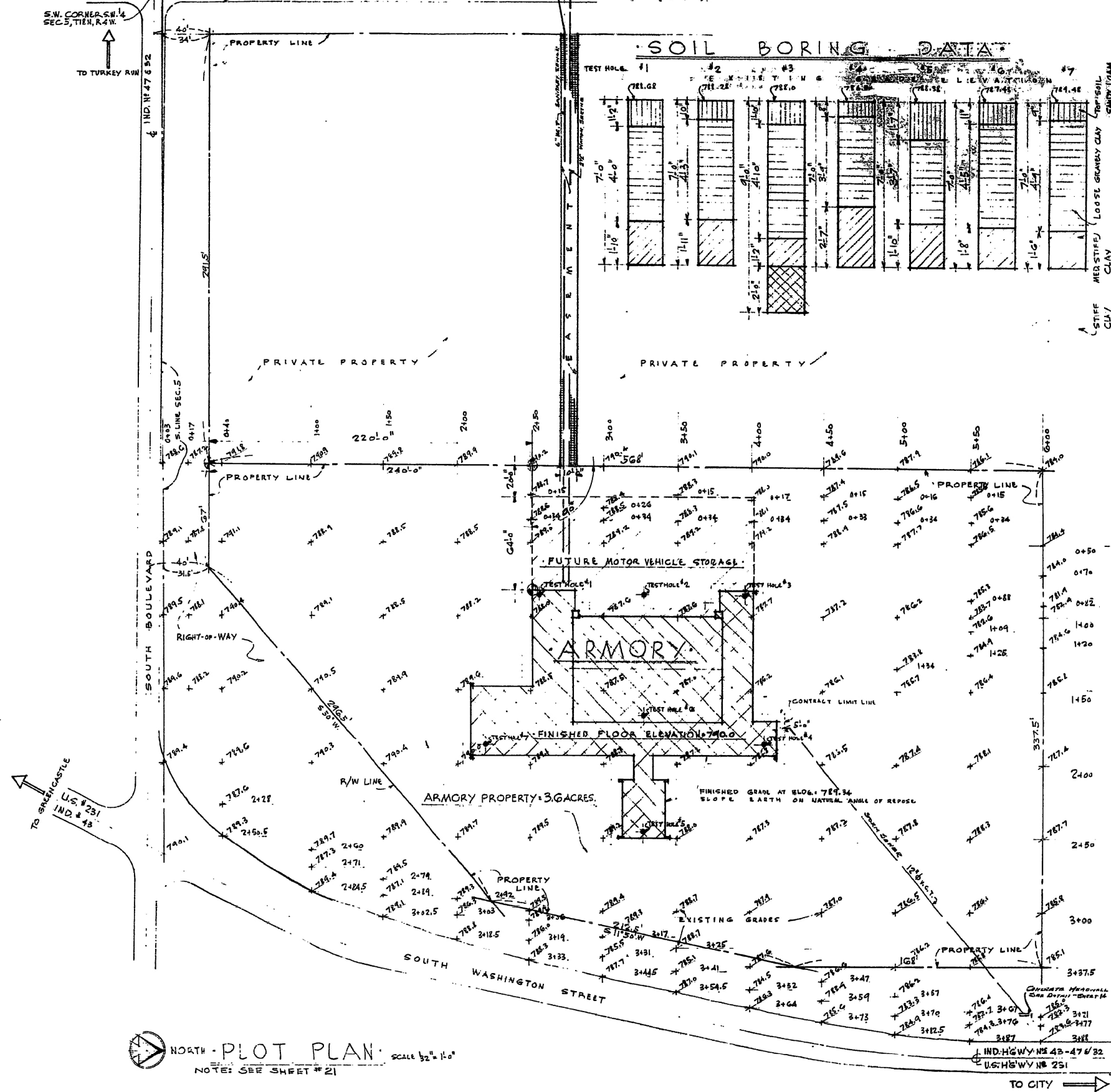


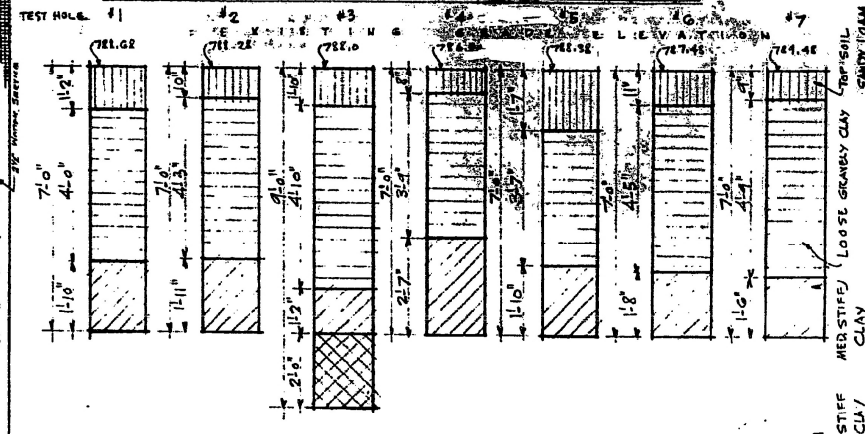


NORTH - VICINITY PLAN
CITY OF CRAWFORDSVILLE INDIANA
SCALE 1" = 100'



NORTH - PLOT PLAN SCALE 1/2" = 1'-0"
NOTE: SEE SHEET #21

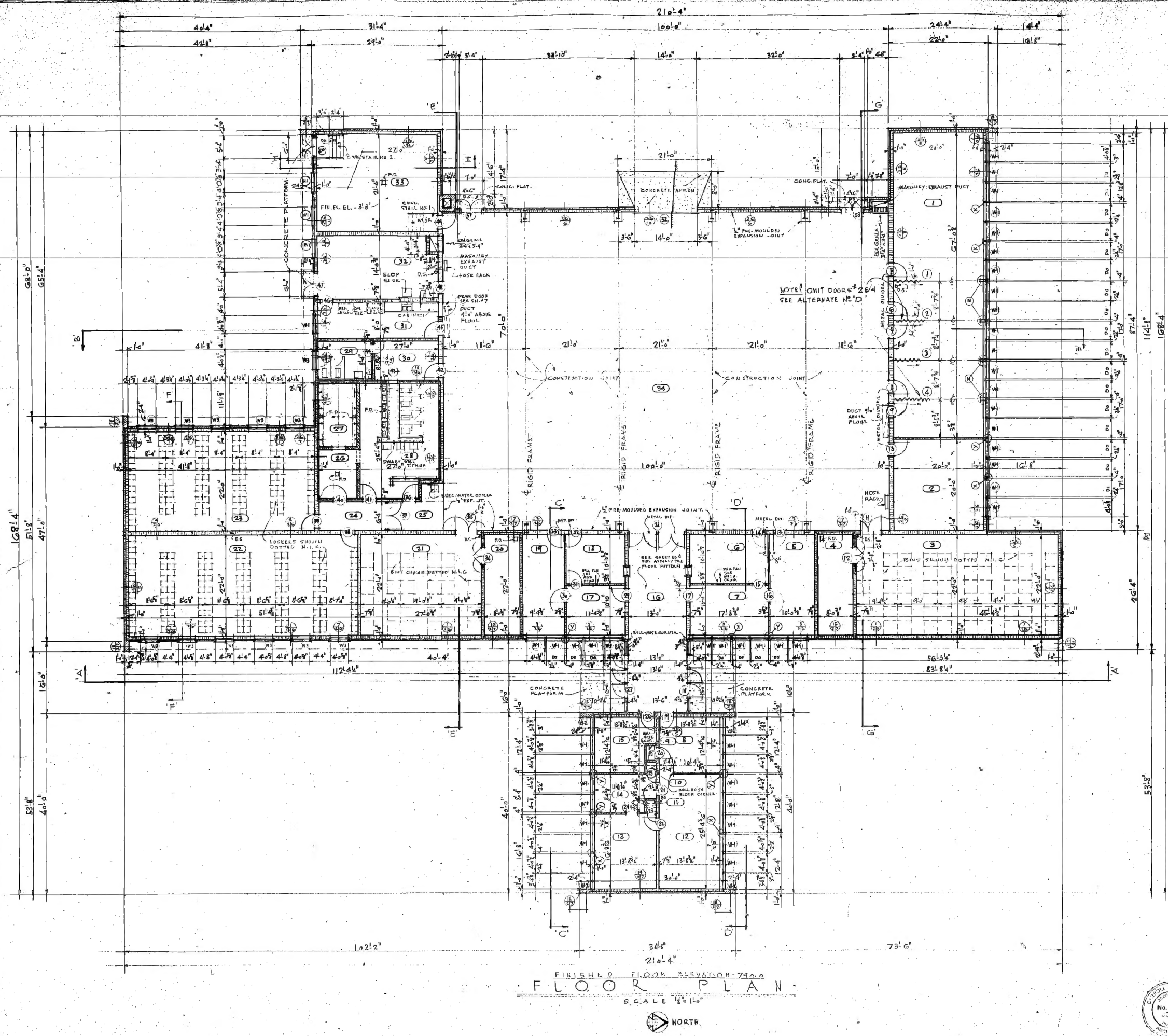
SOIL BORING DATA



MATERIAL INDICATION			
	EARTH		STEEL
	COMPACTED FILL		MISC. METAL
	COMPACTED STONE & GRAVEL		NON-SLIP CERAMIC TILE
	CONCRETE		INSULATION
	CEMENT FILL or BED		BLOCK FILLED WITH CONCRETE
	BRICK		FINISHED WOOD
	BLOCK (SEE SPEC.)		ROUGH WOOD
	STONE		
	GLAZED TILE		

INDIANA NATIONAL GUARD
STATE HOUSE
INDIANAPOLIS, INDIANA
"2 UNIT ARMORY"
CRAWFORDSVILLE, INDIANA
CARROLL O. BEESON
ARCHITECT
No. 124
DATE 8-15-55
THIS PLAN CERTIFIED BY
Carroll O. Beeson
DATE 8-15-55

SHEET NO.
1
OF 20



ROOM FINISH SCHEDULE						
ROOM NO.	ROOM NAME	FLOOR	WALL	CEILING	REMARKS	
1	CLASS ROOM	CONCRETE & FLOOR HARDENER	PAINTED	PAINTED	SEE DETAIL	
2	LIBRARY	CONCRETE & FLOOR HARDENER	PAINTED	PAINTED	SEE DETAIL	
3	UNIT STORAGE NO. 1	CONCRETE & FLOOR HARDENER	PAINTED	PAINTED	PLAIN METAL PAINT	
4	ORDNANCE STORAGE NO. 1	CONCRETE & FLOOR HARDENER	PAINTED	PAINTED	PLAIN METAL PAINT	
5	COMMANDEER OFFICE	CONCRETE & FLOOR HARDENER	PAINTED	PAINTED	PLAIN METAL PAINT	
6	N.C.O. OFFICE	CONCRETE & FLOOR HARDENER	PAINTED	PAINTED	PLAIN METAL PAINT	
7	ORDERLY OFFICE	CONCRETE & FLOOR HARDENER	PAINTED	PAINTED	PLAIN METAL PAINT	
8	BATTALION OFFICE NO. 1	CONCRETE & FLOOR HARDENER	PAINTED	PAINTED	PLAIN METAL PAINT	
9	STORAGE CLOSET	CONCRETE & FLOOR HARDENER	PAINTED	PAINTED	PLAIN METAL PAINT	
10	STORAGE CLOSET	CONCRETE & FLOOR HARDENER	PAINTED	PAINTED	PLAIN METAL PAINT	
11	COAT CLOSET	CONCRETE & FLOOR HARDENER	PAINTED	PAINTED	PLAIN METAL PAINT	
12	BATTALION OFFICE NO. 2	CONCRETE & FLOOR HARDENER	PAINTED	PAINTED	PLAIN METAL PAINT	
13	BATTALION COMMANDING OFFICER	CONCRETE & FLOOR HARDENER	PAINTED	PAINTED	PLAIN METAL PAINT	
14	BATTALION OFFICE NO. 3	CONCRETE & FLOOR HARDENER	PAINTED	PAINTED	PLAIN METAL PAINT	
15	BATTALION OFFICE NO. 4	CONCRETE & FLOOR HARDENER	PAINTED	PAINTED	PLAIN METAL PAINT	
16	LOCKER	CONCRETE & FLOOR HARDENER	PAINTED	PAINTED	PLAIN METAL PAINT	
17	ORDERLY OFFICE NO. 2	CONCRETE & FLOOR HARDENER	PAINTED	PAINTED	PLAIN METAL PAINT	
18	N.C.O. OFFICE NO. 2	CONCRETE & FLOOR HARDENER	PAINTED	PAINTED	PLAIN METAL PAINT	
19	INSTRUCTOR OFFICE	CONCRETE & FLOOR HARDENER	PAINTED	PAINTED	PLAIN METAL PAINT	
20	ORDNANCE STORAGE NO. 2	CONCRETE & FLOOR HARDENER	PAINTED	PAINTED	PLAIN METAL PAINT	
21	UNIT STORAGE NO. 2	CONCRETE & FLOOR HARDENER	PAINTED	PAINTED	PLAIN METAL PAINT	
22	LOCKER ROOM NO. 1	CONCRETE & FLOOR HARDENER	PAINTED	PAINTED	PLAIN METAL PAINT	
23	LOCKER ROOM NO. 2	CONCRETE & FLOOR HARDENER	PAINTED	PAINTED	PLAIN METAL PAINT	
24	PASSAGE NO. 1	CONCRETE & FLOOR HARDENER	PAINTED	PAINTED	PLAIN METAL PAINT	
25	PASSAGE NO. 2	CONCRETE & FLOOR HARDENER	PAINTED	PAINTED	PLAIN METAL PAINT	
26	DRYING SPACE	CONCRETE & FLOOR HARDENER	PAINTED	PAINTED	PLAIN METAL PAINT	
27	SHOWER ROOM	CONCRETE & FLOOR HARDENER	PAINTED	PAINTED	PLAIN METAL PAINT	
28	MEN'S TOILET	CONCRETE & FLOOR HARDENER	PAINTED	PAINTED	PLAIN METAL PAINT	
29	PUBLIC TOILET	CONCRETE & FLOOR HARDENER	PAINTED	PAINTED	PLAIN METAL PAINT	
30	PUBLIC REST ROOM	CONCRETE & FLOOR HARDENER	PAINTED	PAINTED	PLAIN METAL PAINT	
31	KITCHEN	CONCRETE & FLOOR HARDENER	PAINTED	PAINTED	PLAIN METAL PAINT	
32	UTILITY ROOM	CONCRETE & FLOOR HARDENER	PAINTED	PAINTED	PLAIN METAL PAINT	
33	BOILER ROOM	CONCRETE & FLOOR HARDENER	PAINTED	PAINTED	PLAIN METAL PAINT	
34	DRILL HALL	CONCRETE & FLOOR HARDENER	PAINTED	PAINTED	PLAIN METAL PAINT	

THIS SHEET IS A DETAIL OF THE DETAIL SHOWN ON SHEET NO. 1

INDIANA NATIONAL GUARD
STATE HOUSE
INDIANAPOLIS, INDIANA

"2 UNIT ARMORY"
FOR
CRAWFORDSVILLE, INDIANA.

DESIGNED BY
CARROLL O. BEESON
ARCHITECT
CRAWFORDSVILLE, INDIANA

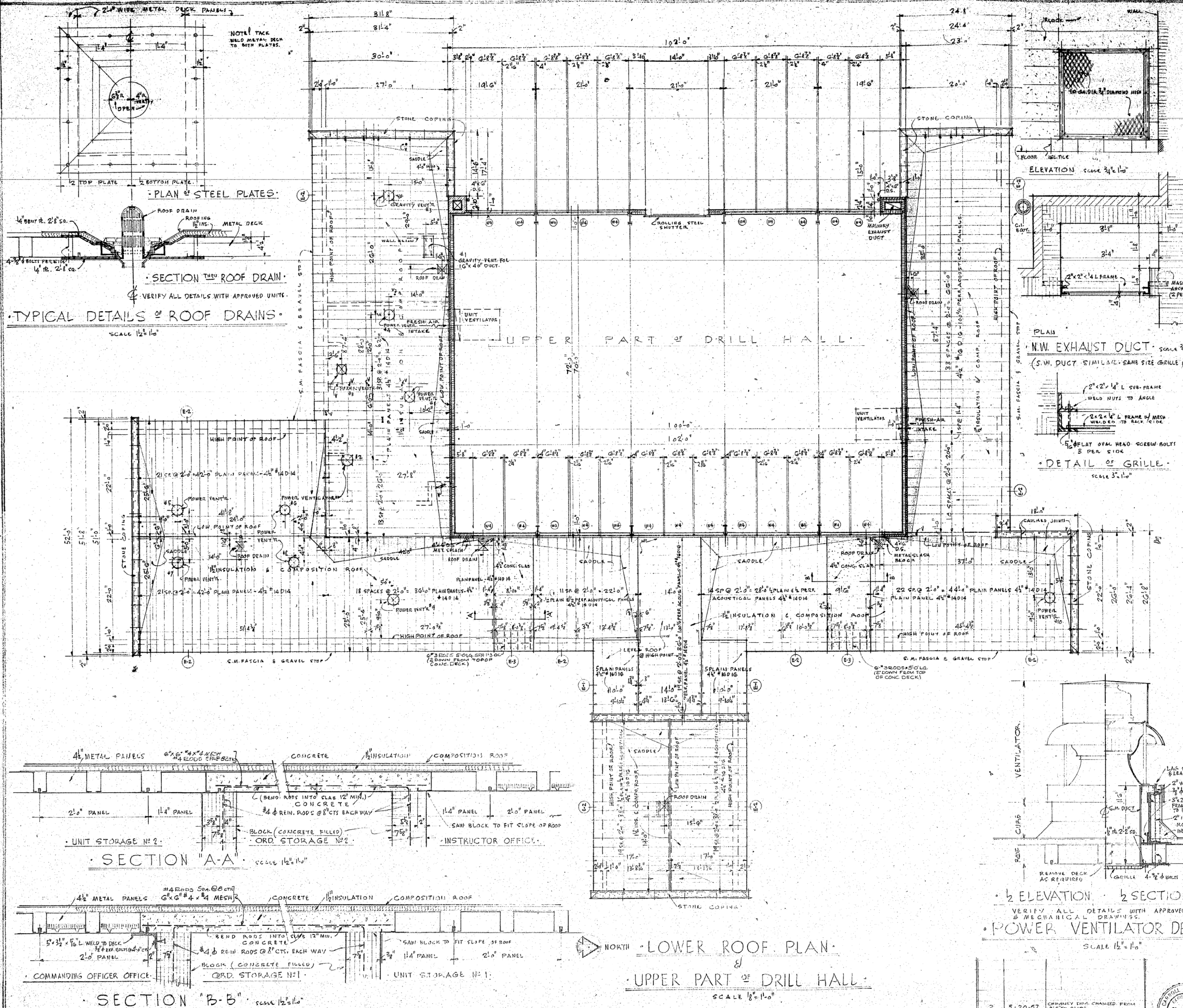
DATE
8-15-55

THIS PLAN CERTIFIED BY
Carroll O. Beeson

FLOOR PLAN

FINISHED FLOOR ELEVATION - 72.0.0
FLOOR PLAN
SCALE 1/8" = 1'-0"





DOOR SCHEDULE

DOOR NO.	KIND	SIZE	TYPE	FRAME & HINGES	REMARKS
1	DO	0'0" x 0'0"	H	2	HW-1
2	DO	0'0" x 0'0"	H	2	HW-1
3	DO	0'0" x 0'0"	H	2	HW-1
4	DO	0'0" x 0'0"	H	2	HW-1
5	DO	0'0" x 0'0"	H	2	HW-1
6	DO	0'0" x 0'0"	H	2	HW-1
7	DO	0'0" x 0'0"	H	2	HW-1
8	DO	0'0" x 0'0"	H	2	HW-1
9	DO	0'0" x 0'0"	H	2	HW-1
10	DO	0'0" x 0'0"	H	2	HW-1
11	DO	0'0" x 0'0"	H	2	HW-1
12	DO	0'0" x 0'0"	H	2	HW-1
13	DO	0'0" x 0'0"	H	2	HW-1
14	DO	0'0" x 0'0"	H	2	HW-1
15	DO	0'0" x 0'0"	H	2	HW-1
16	DO	0'0" x 0'0"	H	2	HW-1
17	DO	0'0" x 0'0"	H	2	HW-1
18	DO	0'0" x 0'0"	H	2	HW-1
19	DO	0'0" x 0'0"	H	2	HW-1
20	DO	0'0" x 0'0"	H	2	HW-1
21	DO	0'0" x 0'0"	H	2	HW-1
22	DO	0'0" x 0'0"	H	2	HW-1
23	DO	0'0" x 0'0"	H	2	HW-1
24	DO	0'0" x 0'0"	H	2	HW-1
25	DO	0'0" x 0'0"	H	2	HW-1
26	DO	0'0" x 0'0"	H	2	HW-1
27	DO	0'0" x 0'0"	H	2	HW-1
28	DO	0'0" x 0'0"	H	2	HW-1
29	DO	0'0" x 0'0"	H	2	HW-1
30	DO	0'0" x 0'0"	H	2	HW-1
31	DO	0'0" x 0'0"	H	2	HW-1
32	DO	0'0" x 0'0"	H	2	HW-1
33	DO	0'0" x 0'0"	H	2	HW-1
34	DO	0'0" x 0'0"	H	2	HW-1
35	DO	0'0" x 0'0"	H	2	HW-1
36	DO	0'0" x 0'0"	H	2	HW-1
37	DO	0'0" x 0'0"	H	2	HW-1
38	DO	0'0" x 0'0"	H	2	HW-1
39	DO	0'0" x 0'0"	H	2	HW-1
40	DO	0'0" x 0'0"	H	2	HW-1
41	DO	0'0" x 0'0"	H	2	HW-1
42	DO	0'0" x 0'0"	H	2	HW-1
43	DO	0'0" x 0'0"	H	2	HW-1
44	DO	0'0" x 0'0"	H	2	HW-1
45	DO	0'0" x 0'0"	H	2	HW-1
46	DO	0'0" x 0'0"	H	2	HW-1
47	DO	0'0" x 0'0"	H	2	HW-1
48	DO	0'0" x 0'0"	H	2	HW-1
49	DO	0'0" x 0'0"	H	2	HW-1
50	DO	0'0" x 0'0"	H	2	HW-1
51	DO	0'0" x 0'0"	H	2	HW-1
52	DO	0'0" x 0'0"	H	2	HW-1
53	DO	0'0" x 0'0"	H	2	HW-1

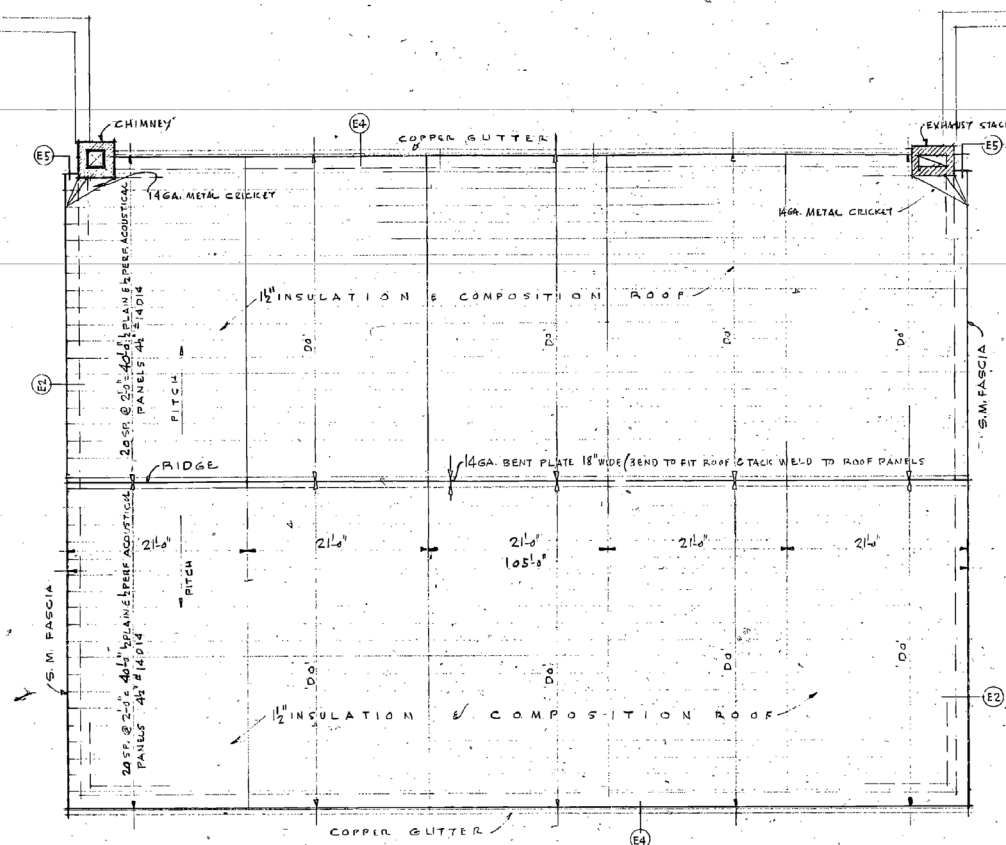
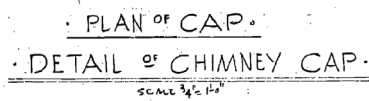
HW-1 = HARDWARE COMBINATION - SEE SPECIFICATIONS.
NOTE: SEE SHEET H-1 FOR DOORS & DETAILS.

INDIANA NATIONAL GUARD
STATE HOUSE
INDIANAPOLIS, INDIANA
"2 UNIT ARMORY"
FOR
CRAWFORDSVILLE, INDIANA.

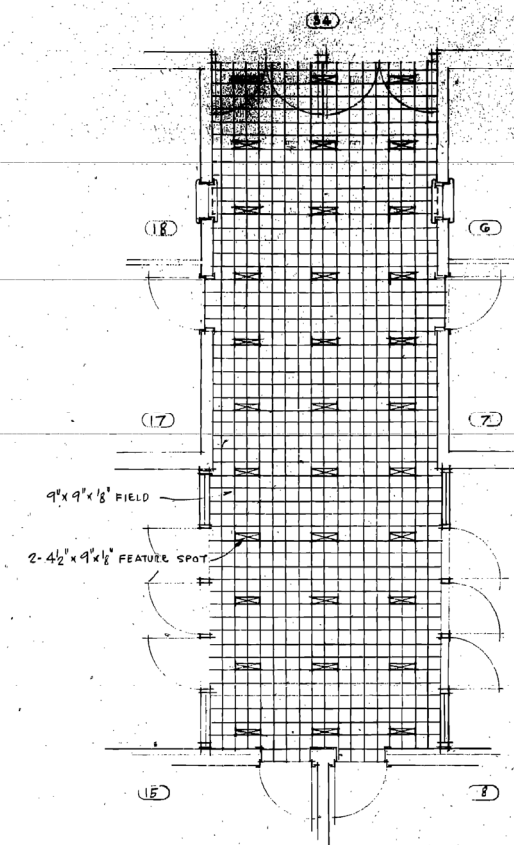
DRAWN BY
CARROLL O. BEESON
ARCHITECT
CRAWFORDSVILLE, INDIANA
THIS PLAN CERTIFIED BY
CARROLL O. BEESON
DATE
8-15-55
JOB NO.
316
SHEET NO.
3
OF 20
LOWER ROOF PLAN & UPPER PART OF DRILL HALL

REV. NO.	DATE	DESCRIPTION
2	5-20-57	CHANGED FROM 2" TO 2 1/2" IN CONC. ROOF DECK
2	5-20-57	CHANGED FROM 2" TO 2 1/2" IN CONC. ROOF DECK
1	1-27-55	CHANGED FROM 2" TO 2 1/2" IN CONC. ROOF DECK

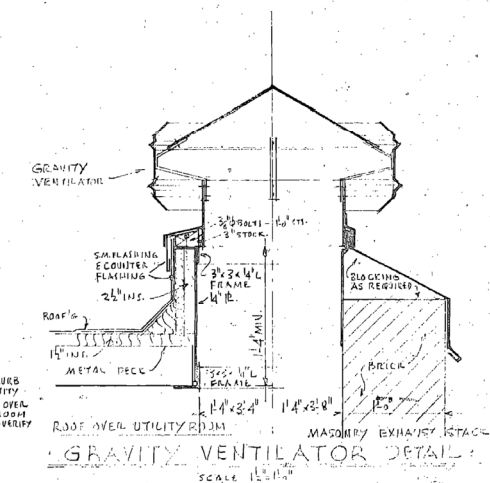
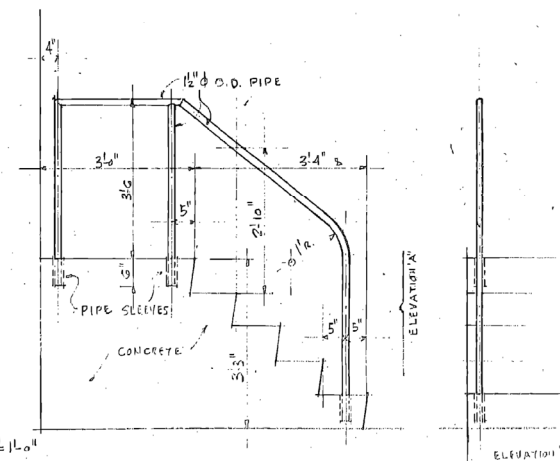
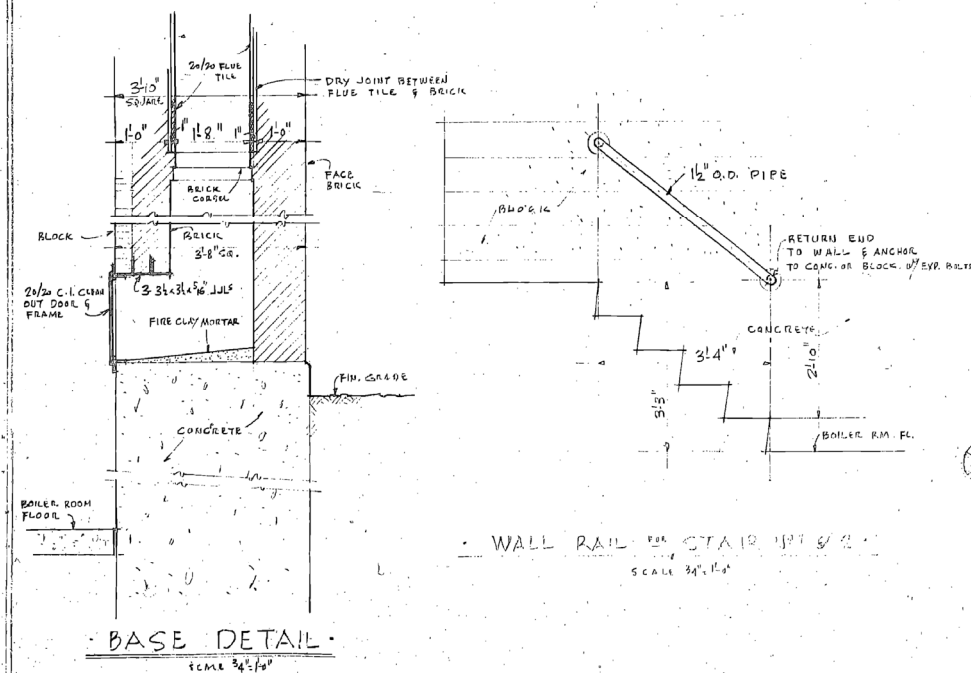




LOWER ROOF



ASPHALT TILE FLOOR
PATTERN OF LOBBY
SCALE 1/4" = 1'-0"



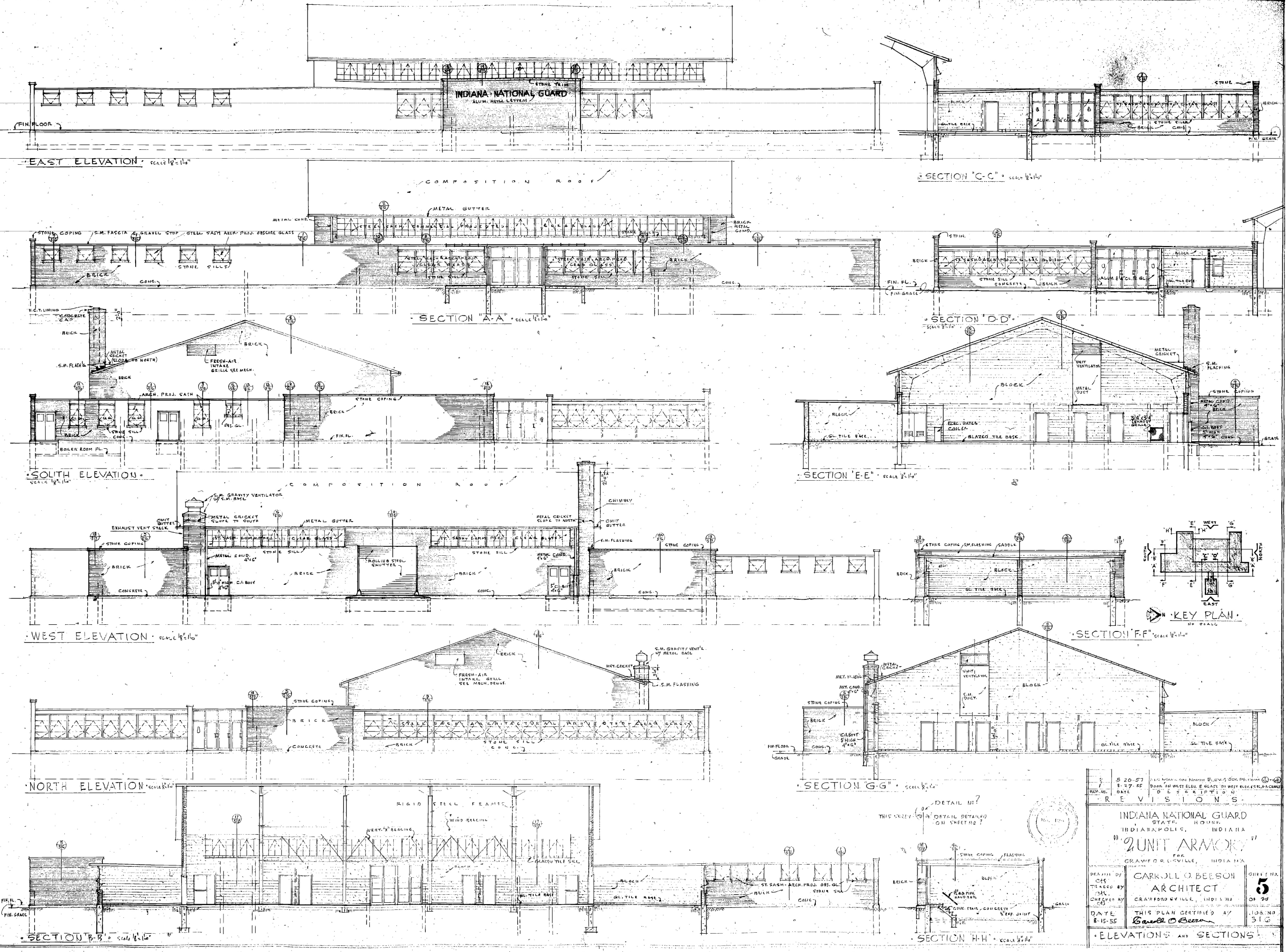
INDIANA NATIONAL GUARD
STATE HOUSE
INDIANAPOLIS, INDIANA
UNIT ARMORY
CRAWFORDSVILLE, INDIANA.

DRAWN BY
 CTS
 TRACED BY
 CH
 CHECKED BY
 JH
 DATE
 8-15-55

CARROLL O. BEESON
 ARCHITECT
 CRAWFORDSVILLE, INDIANA
 THIS PLAN CERTIFIED BY
Carroll O. Beeson

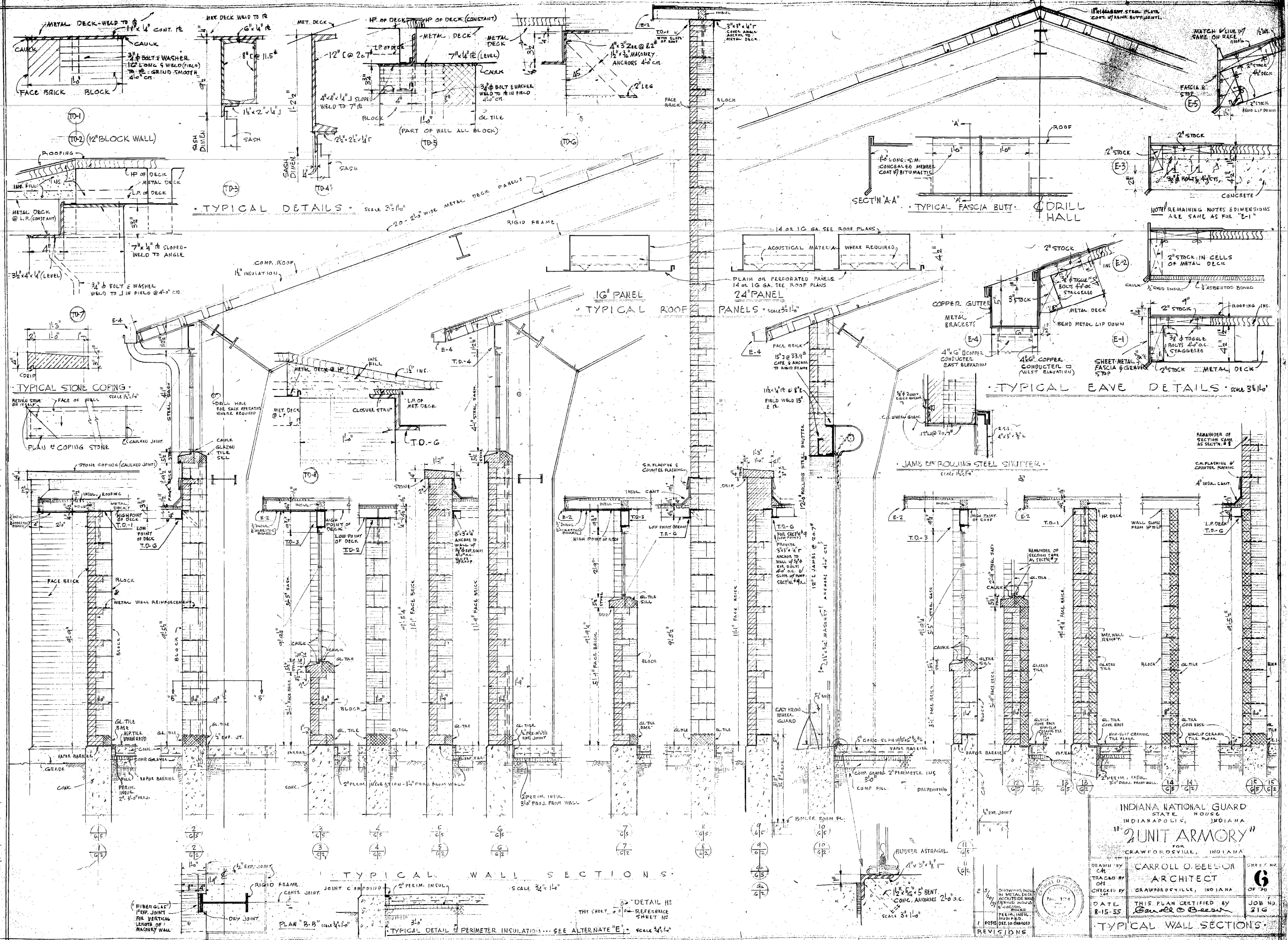
UPPER ROOF PLAN

SHEET NO.
4
OF 21
JOB NO.
316



REV. NO.	DATE	DESCRIPTION
1	5-20-57	1. CHANGE NORTH ELEVATION FROM 1/8" = 1'-0" TO 1/4" = 1'-0"
2	8-15-55	2. CHANGE WEST ELEVATION FROM 1/8" = 1'-0" TO 1/4" = 1'-0"
3	8-15-55	3. CHANGE SECTION "A-A" FROM 1/8" = 1'-0" TO 1/4" = 1'-0"
4	8-15-55	4. CHANGE SECTION "B-B" FROM 1/8" = 1'-0" TO 1/4" = 1'-0"
5	8-15-55	5. CHANGE SECTION "C-C" FROM 1/8" = 1'-0" TO 1/4" = 1'-0"
6	8-15-55	6. CHANGE SECTION "D-D" FROM 1/8" = 1'-0" TO 1/4" = 1'-0"
7	8-15-55	7. CHANGE SECTION "E-E" FROM 1/8" = 1'-0" TO 1/4" = 1'-0"
8	8-15-55	8. CHANGE SECTION "F-F" FROM 1/8" = 1'-0" TO 1/4" = 1'-0"
9	8-15-55	9. CHANGE SECTION "G-G" FROM 1/8" = 1'-0" TO 1/4" = 1'-0"
10	8-15-55	10. CHANGE SECTION "H-H" FROM 1/8" = 1'-0" TO 1/4" = 1'-0"

DESIGNED BY	CARROLL O. BEESON	CHECKED BY	JOHN H. BEESON
DRAWN BY	JOHN H. BEESON	DATE	8-15-55
PROJECT NO.	INDIANA NATIONAL GUARD STATE HOUSE	SHEET NO.	5
ARCHITECT	CARROLL O. BEESON	OF 20	
FOR	CRANFORDVILLE, INDIANA		
THIS PLAN CERTIFIED BY			
CARROLL O. BEESON			
ELEVATIONS AND SECTIONS			

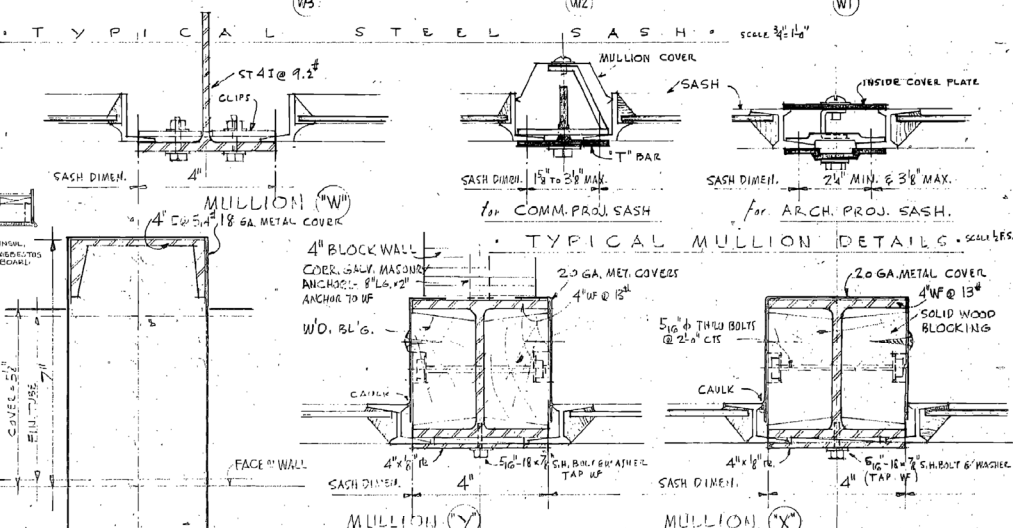
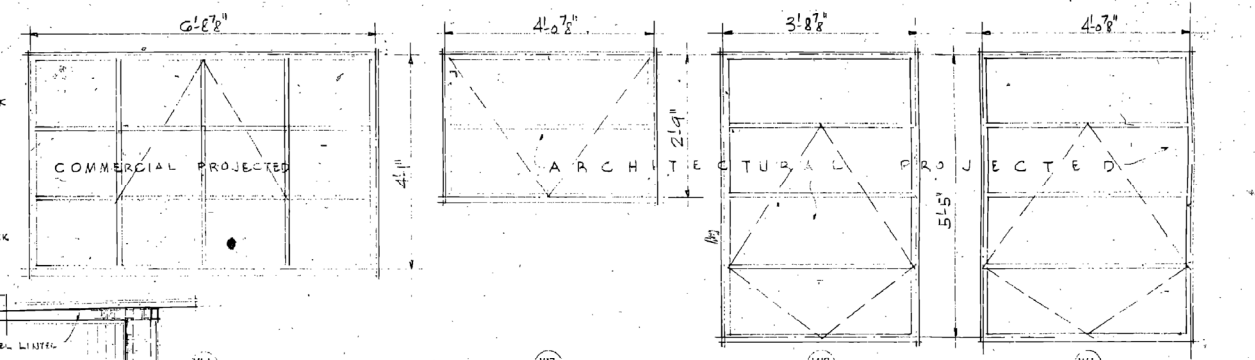
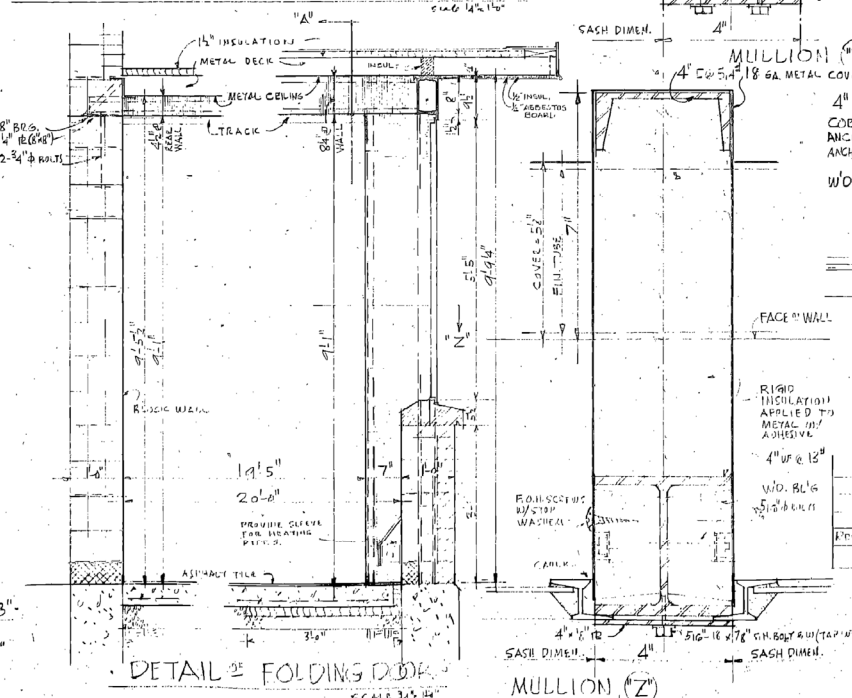
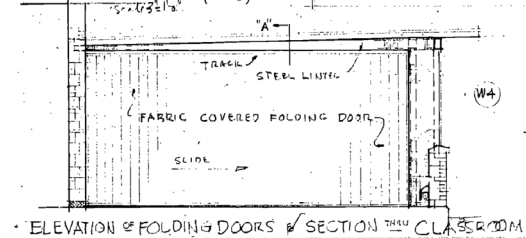
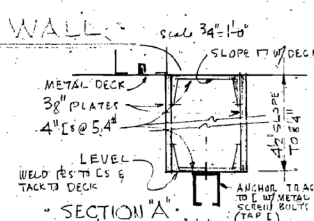
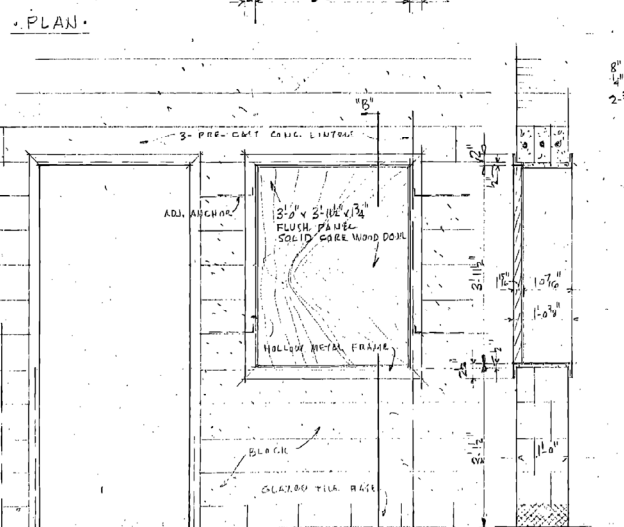
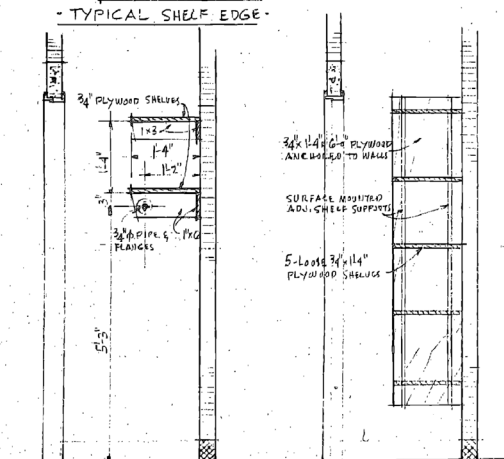
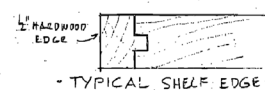
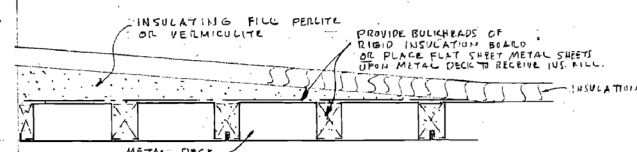
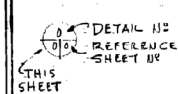
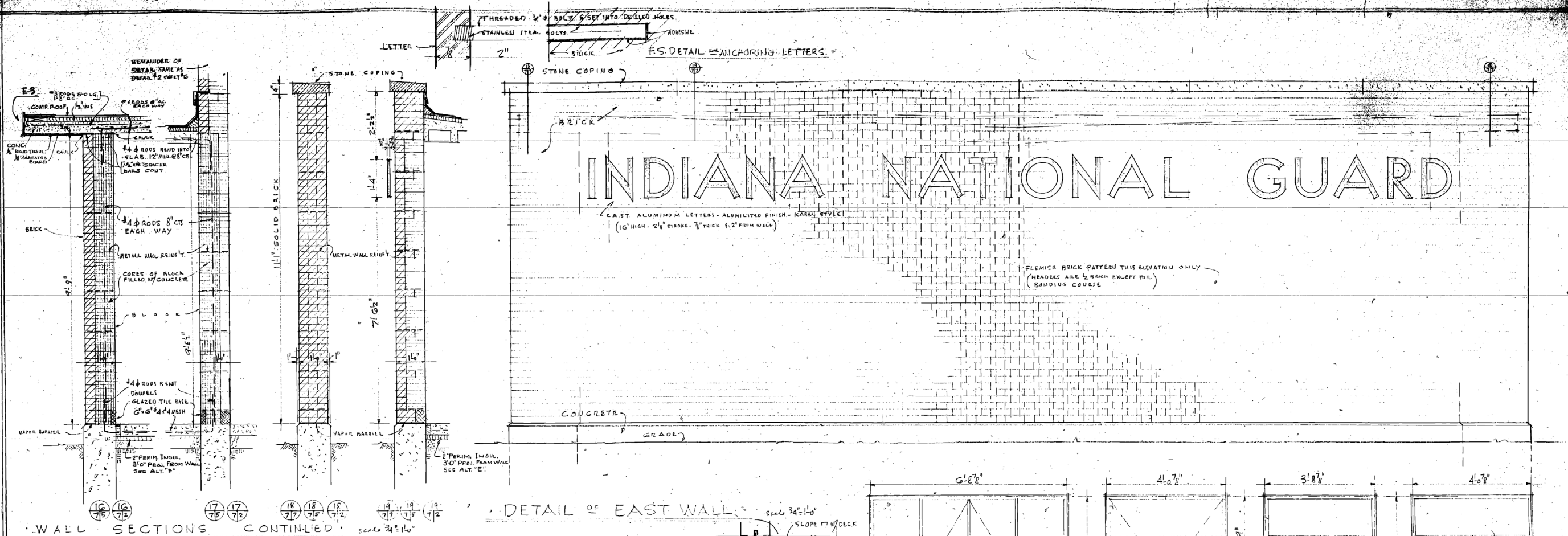


INDIANA NATIONAL GUARD
STATE HOUSE
INDIANAPOLIS, INDIANA
2 UNIT ARMORY
FOR
CRAWFORDSVILLE, INDIANA

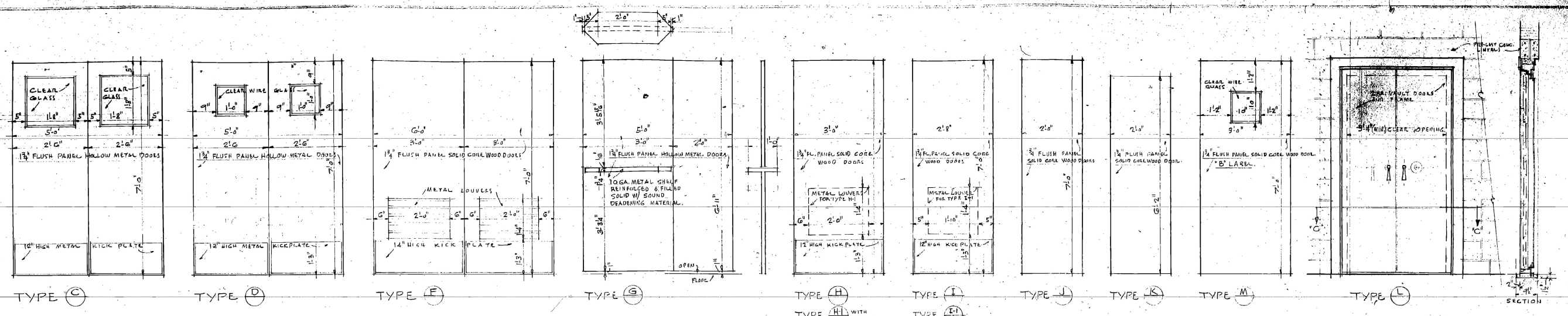
DRAWN BY
CARROLL O. BEESON
ARCHITECT
CRAWFORDSVILLE, INDIANA
DATE
8-15-55
THIS PLAN CERTIFIED BY
CARROLL O. BEESON
TYPICAL WALL SECTIONS

SHEET NO.
6
OF 70

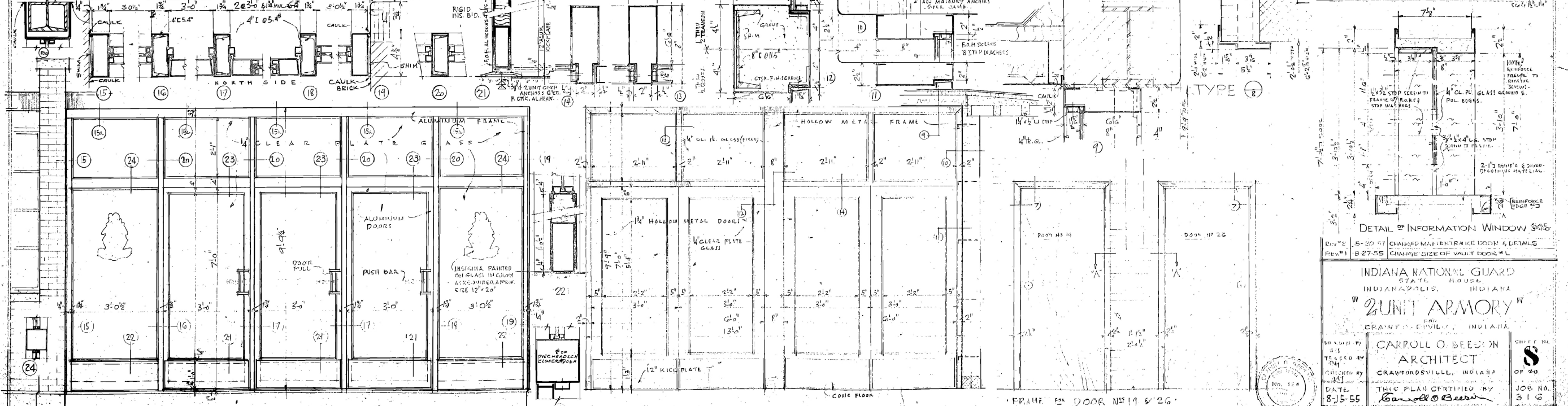
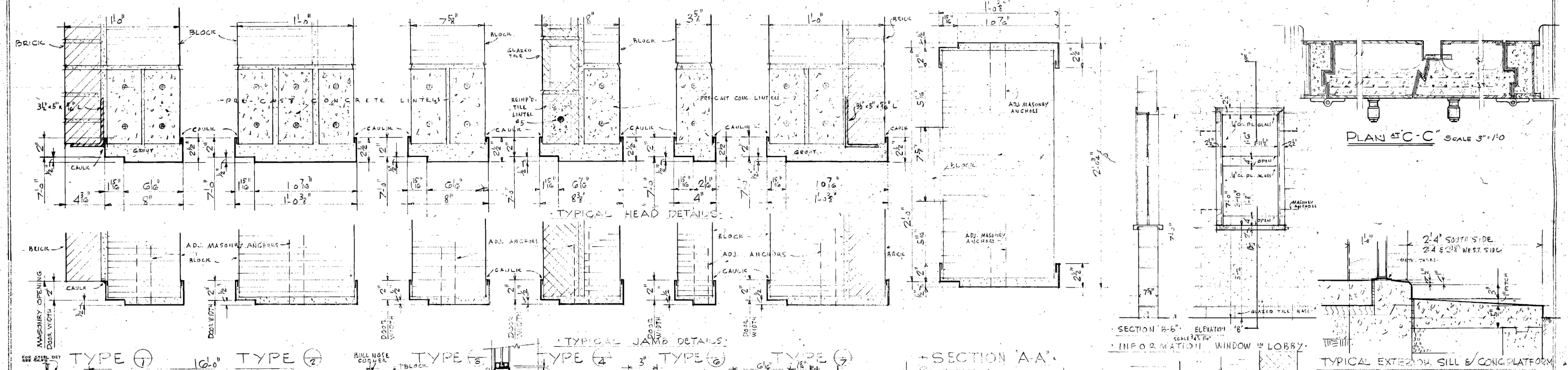
JOB NO.
216

[illegible]

INDIANA NATIONAL GUARD STATE HOUSE INDIANAPOLIS. INDIANA		
2 ND UNIT ARMORY		
FOR CRAWFORDSVILLE, INDIANA		
DRAWN BY C.R. TRACED BY C.R. CHECKED BY C.R.	CARROLL O. REESON ARCHITECT CRAWFORDSVILLE, INDIANA	SHEET NO 7 OF 20
DATE 6-15-55	THIS PLAN DESIGNED BY Carroll O. Reeson	JOB NO 316
MISCELLANEOUS DETAILS		



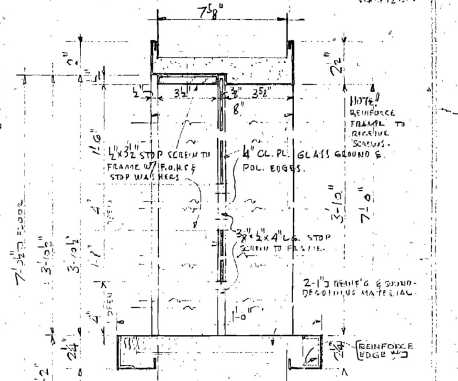
TYPICAL DOOR TYPES



PLAN 'C-C' SCALE 3/4" = 1'-0"

SECTION 'A-A' INFORMATION WINDOW IN LOBBY

TYPICAL EXTERIOR SILL & CONC. PLATFORM



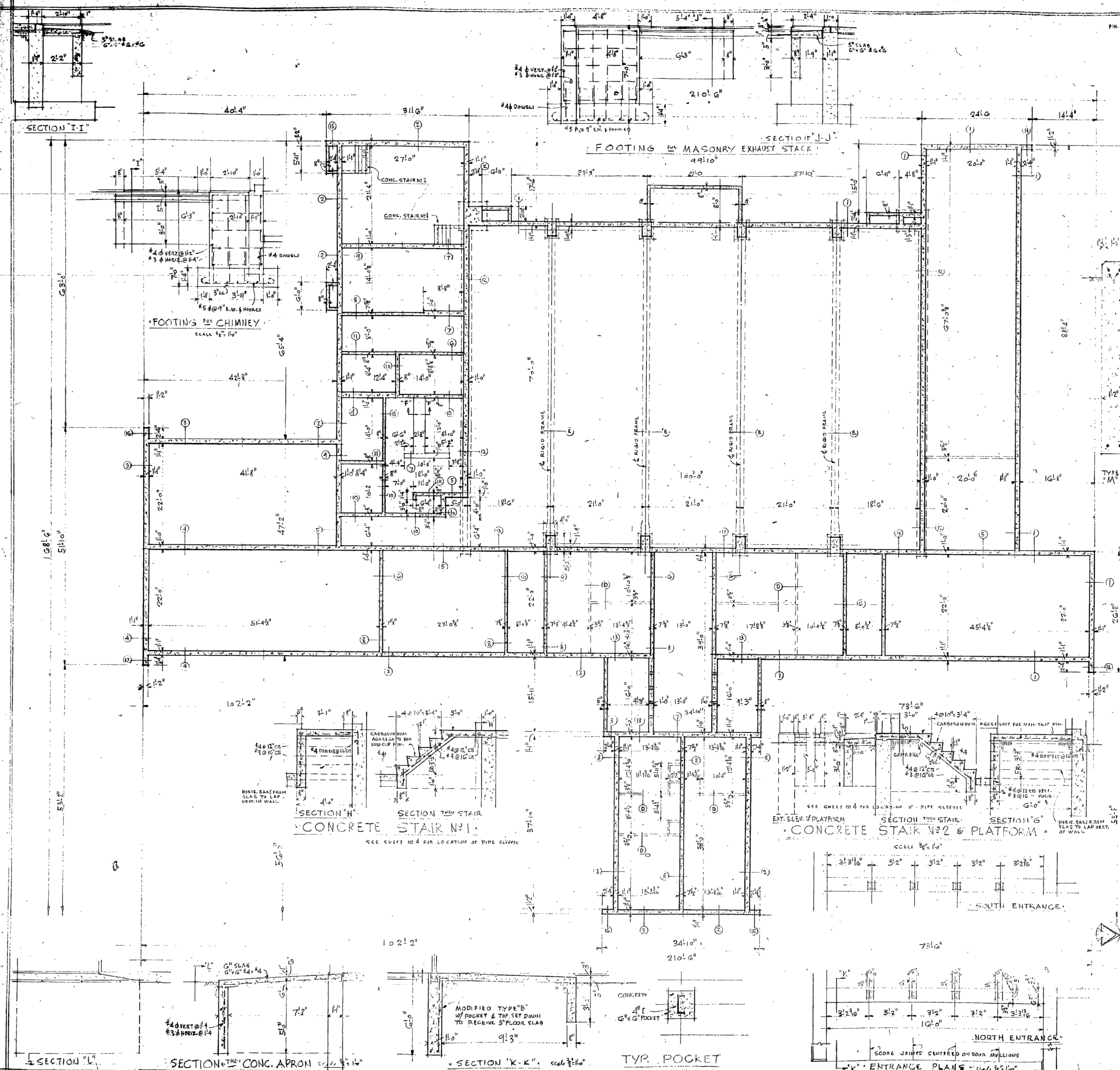
DETAIL OF INFORMATION WINDOW 3/4" = 1'-0"

INDIANA NATIONAL GUARD
STATE HOUSE
INDIANAPOLIS, INDIANA
2 UNIT ARMORY
CRAWFORDSVILLE, INDIANA

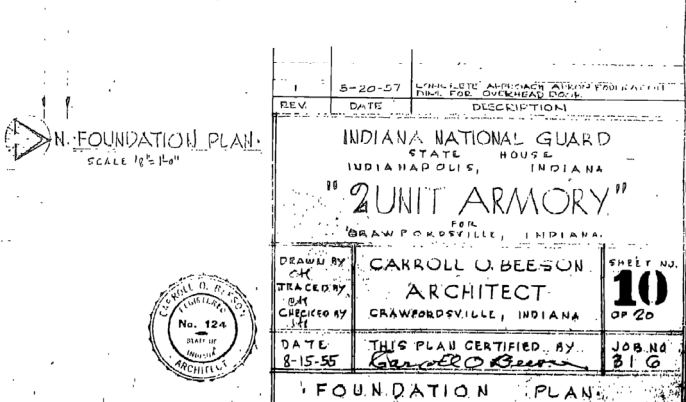
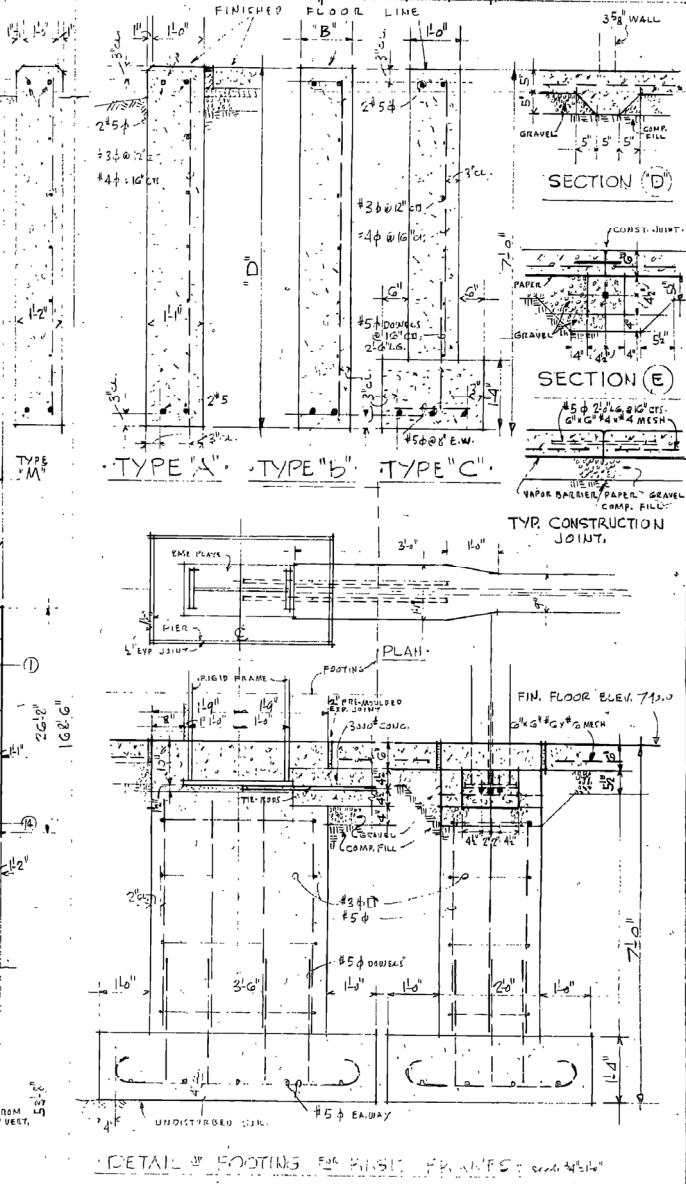
DESIGNED BY: CARROLL O. BEEDON
ARCHITECT
CRAWFORDSVILLE, INDIANA

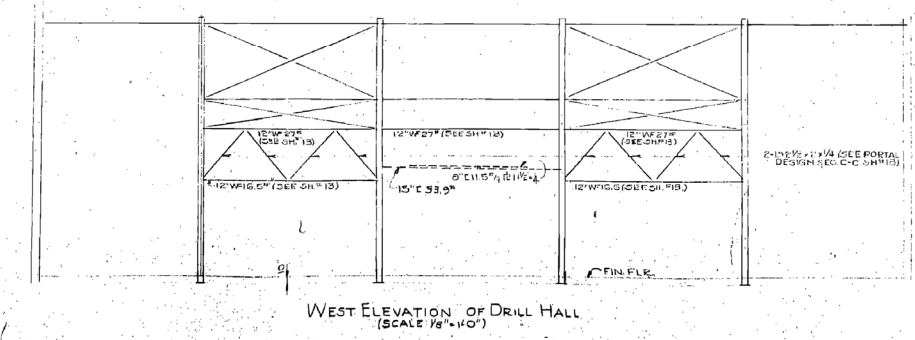
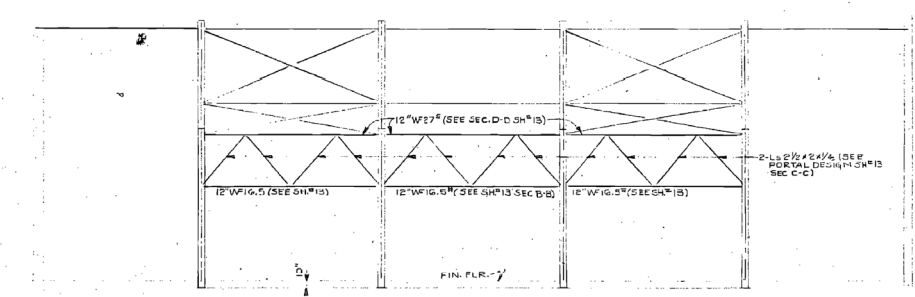
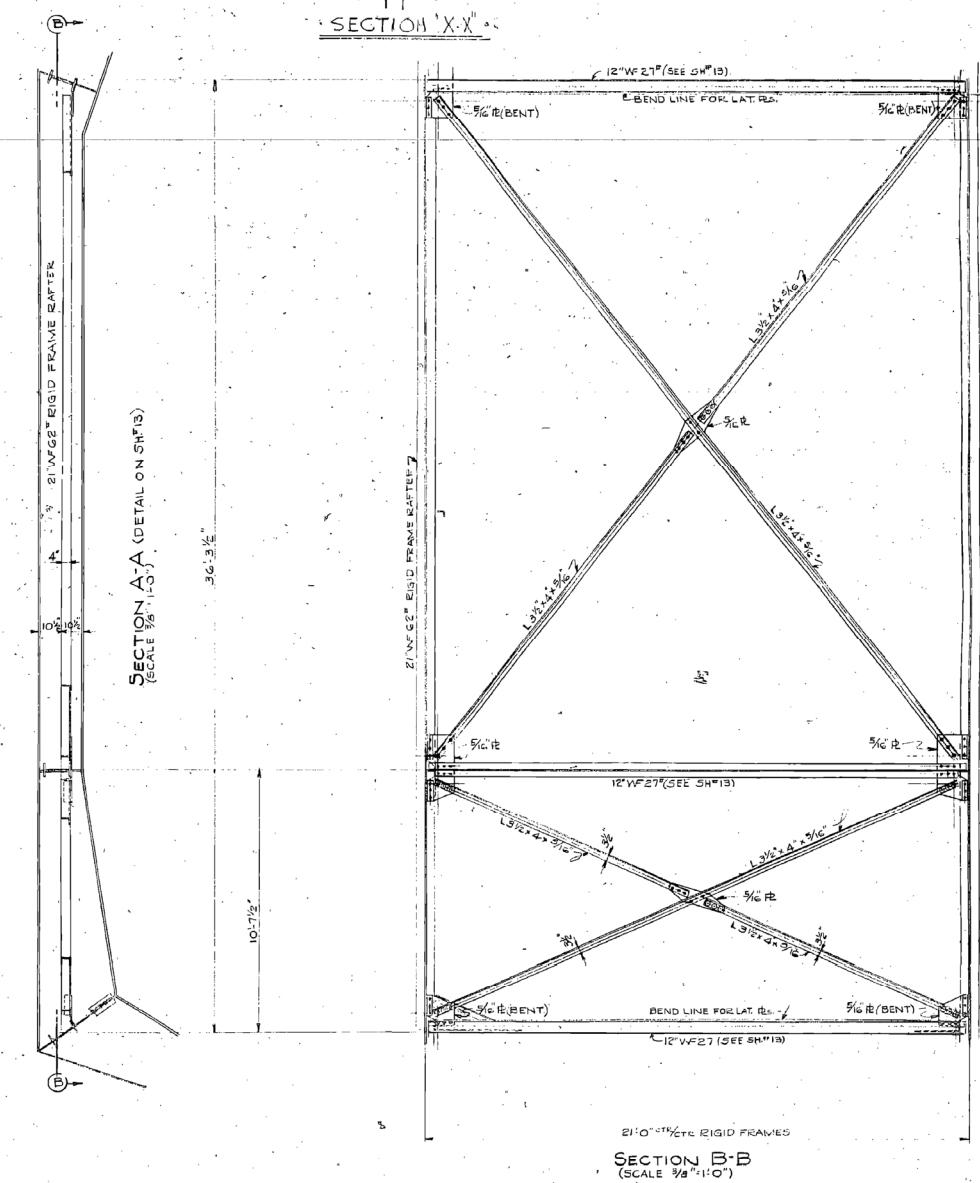
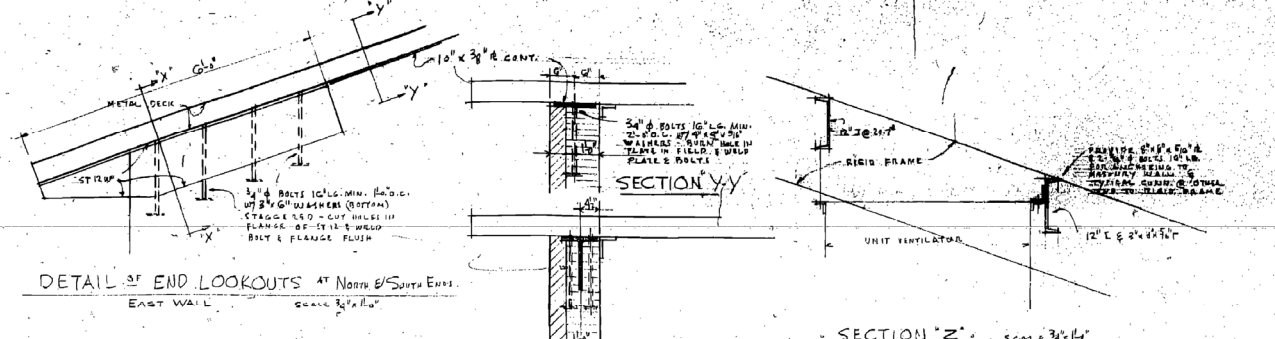
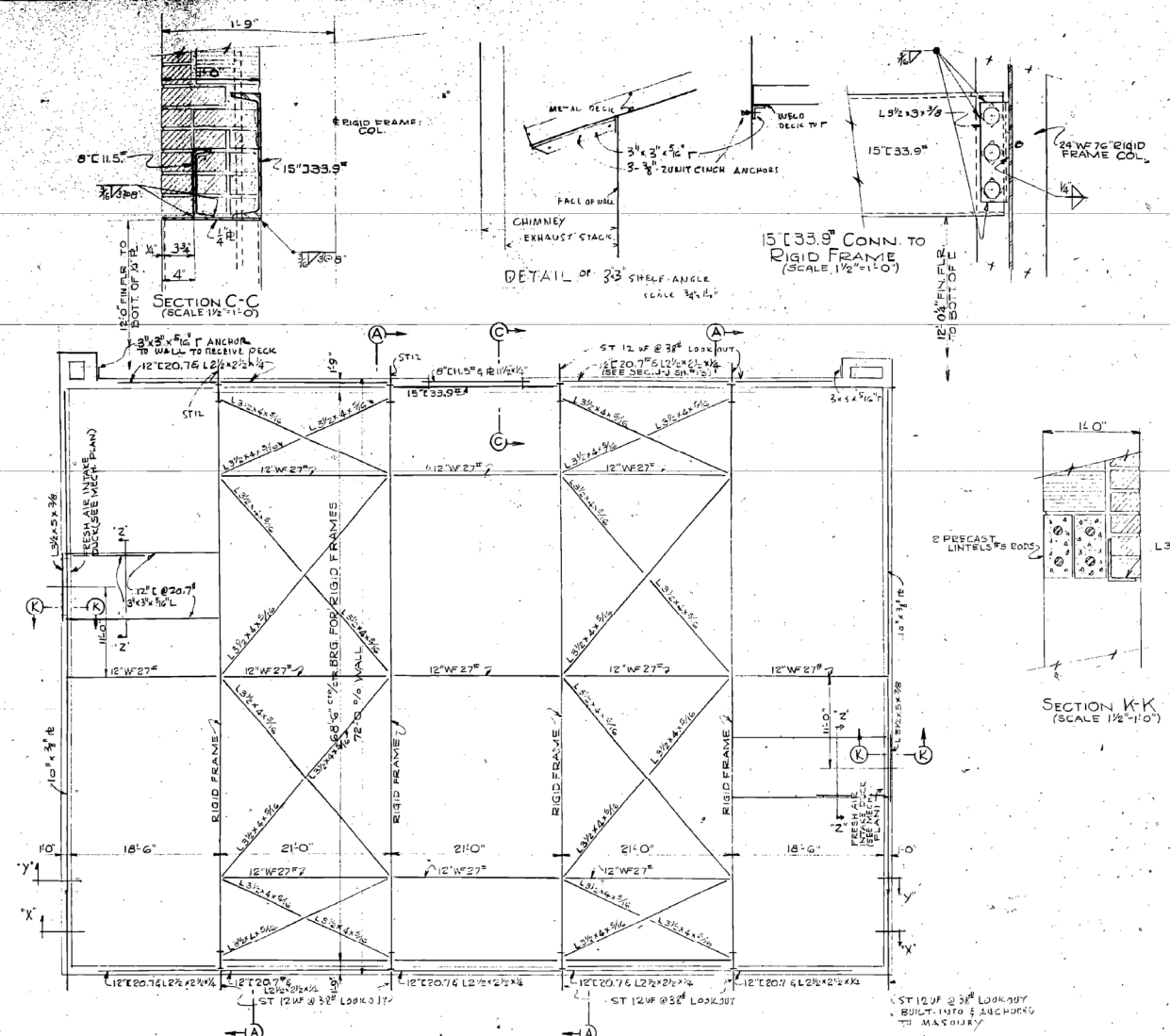
DATE: 8-15-55
THIS PLAN CERTIFIED BY: CARROLL O. BEEDON

NOTES: SEE SCHEDULE #3 SHEET 3.



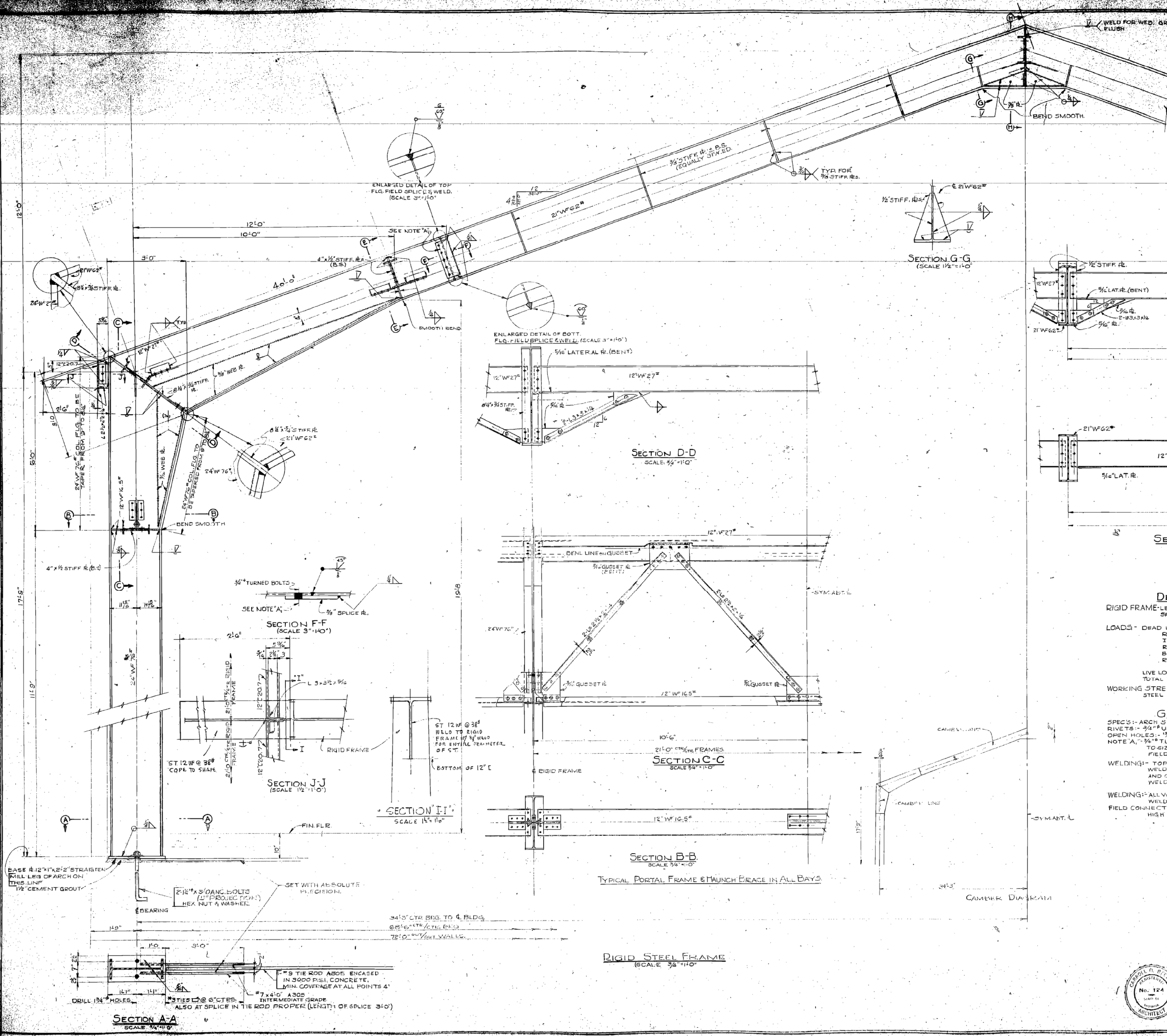
MARK	TYPE	"B"	"D"	REMARKS
1	"A"	-	7.00	
2	"A"	-	5.00	
3	"A"	-	5.00	
4	"A"	-	5.00	
5	"B"	11.0	6.00	
6	"B"	7.00	0.00	
7	"B"	11.0	6.00	
8	"B"	7.00	5.00	
9	"B"	11.0	5.00	
10	"B"	8	0.00	
11	"B"	8	5.00	
12	"C"	-	7.00	
13	"B"	11.0	7.00	
14	"M"	-	7.00	
15	"M"	-	5.00	
16	"M"	-	5.00	
17	"M"	-	4.00	





GENERAL NOTES:-
 SHEET 11, 12, 413 TO BE WORK TOGETHER.
 CHECK ARCHITECT'S SPEC'S & ALSO SPEC'S.
 WELDING TO CONFORM TO AMER. WELDING SOCIETY.
 RIVETS - 3/4" UNLESS NOTED.
 OPEN HOLES - 3/4" UNLESS NOTED.
 BOLTS MAY BE USED FOR FIELD CONN. PROVIDED THEY ARE STRUCTURAL RIBBED BOLTS WITH SELFLOCKING NUTS.

2	5-20-57	FR VENTILATOR STACK NORTH WEST CORNER
1	8-27-55	OVERHEAD DOOR HEIGHT DIMENSION
Rev'd	DATE	DESCRIPTION
REVISIONS INDIANA NATIONAL GUARD STATE HOUSE INDIANAPOLIS, INDIANA "2 UNIT ARMORY" PER CRAWFORDSVILLE, INDIANA		
DRAWN BY T.A.S.	CARROLL O. BEESON	SHEET NO. 12
TRACED BY E.J.B.	ARCHITECT	OF 28
CHECKED BY C.H.	CRAWFORDSVILLE, INDIANA	JOB NO. 316
DATE 8-15-55	THIS PLAN CERTIFIED BY	
UPPER ROOF FRAMING PLAN (DRILL HALL)		



DESIGN CRITERIA

RIGID FRAME-LENGTH 68'-6" CTR. BEARING 72'-0" OUT WALL.
SPACED 21'-0" CTR. CTR. RIGID FRAME

LOADS- DEAD LOAD- ROOFING- 6
INSULATION- 2
ROOF DECK- 3
BRACING- 1
RAPTOR- 4
LIVE LOAD- 22 p.s.f.
TOTAL LOAD- 30 p.s.f.
WORKING STRESSES- 20,000 p.s.i.

WIND- 20 p.s.f. ON HORIZ. PROJ.

GENERAL NOTES

SPEC'S- ARCH. SPEC'S. & A.I.S.C.
RIVETS- 3/4" U.N.
OPEN HOLES- 1/2" U.N.
NOTE A- 3/4" TURNED BOLTS; HEX NUTS. SUBPUNCH 1/4" BEAM
TO SIZE WITH ARCHES FULLY ASSEMBLED IN SHOP, ALL
FIELD SPICE TO BE MATCHED MARK.

WELDING- TOP & BOTTOM FLANGES AT SPAN & TO BE 100% BUTT
WELDED IN SHOP. WEB SPICE TO BE FULLY BUTT WELDED
AND GROUND FLUSH BEFORE CROWN STIFFENERS ARE
WELD IN PLACE.

WELDING- ALL WELDING TO BE DONE IN ACCORDANCE WITH AMERICAN
WELDING SOCIETY'S STD.
FIELD CONNECTIONS- ALL FIELD CONNECTIONS TO BE MADE WITH 3/4" DIA.
HIGH TENSILE BOLTS.

INDIANA NATIONAL GUARD
STATE HOUSE
INDIANAPOLIS, INDIANA

2 UNIT ARMORY

CRAWFORDSVILLE, INDIANA

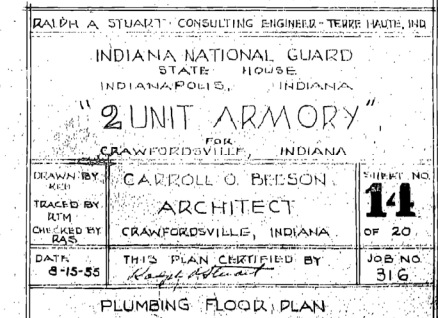
DRAWN BY: CARROLL O. BEESON
TRACED BY: E.J.2
CHECKED BY: CR
DATE: 8-15-55

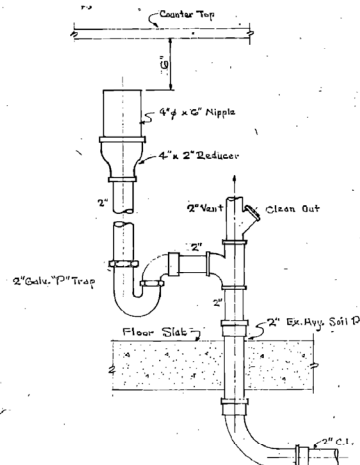
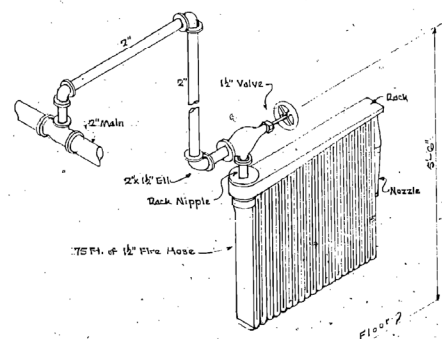
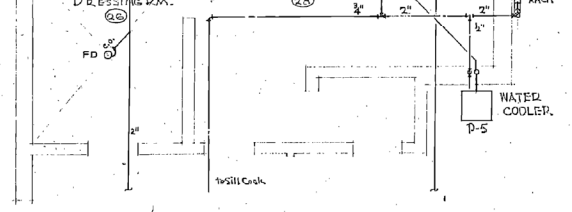
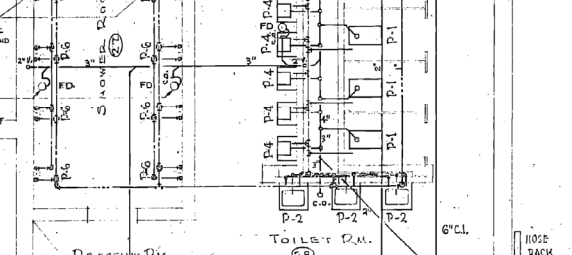
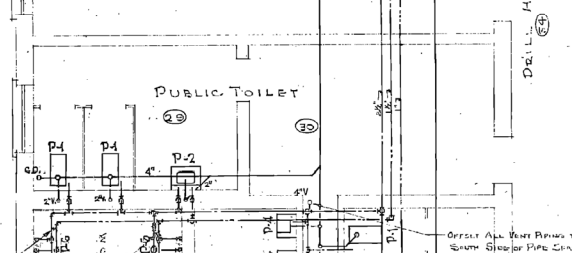
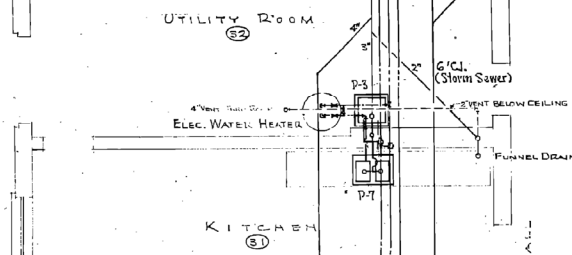
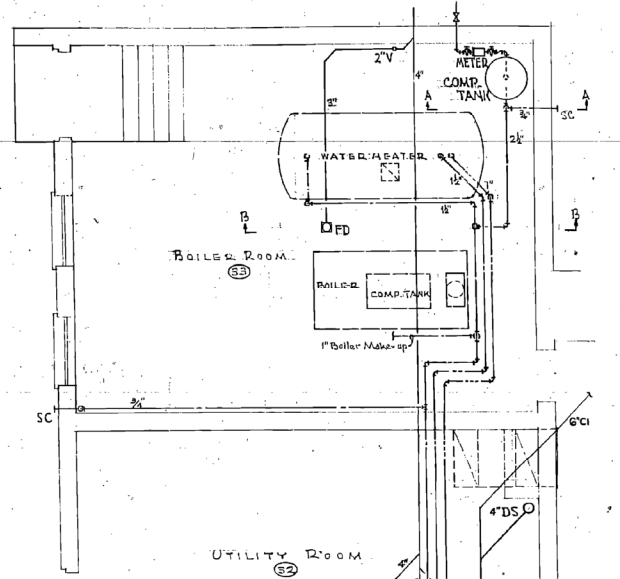
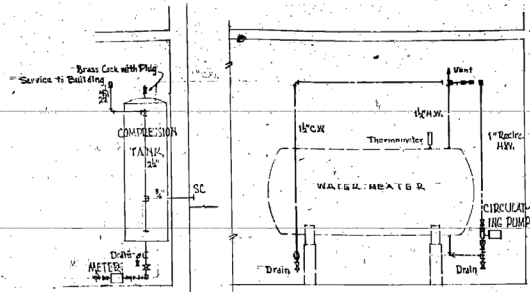
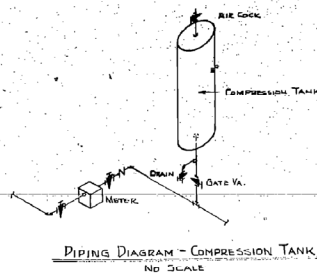
ARCHITECT
CRAWFORDSVILLE, INDIANA

THIS PLAN CERTIFIED BY
Carroll O. Beeson

SHEET NO. 13
OF 44
JOB NO. 316

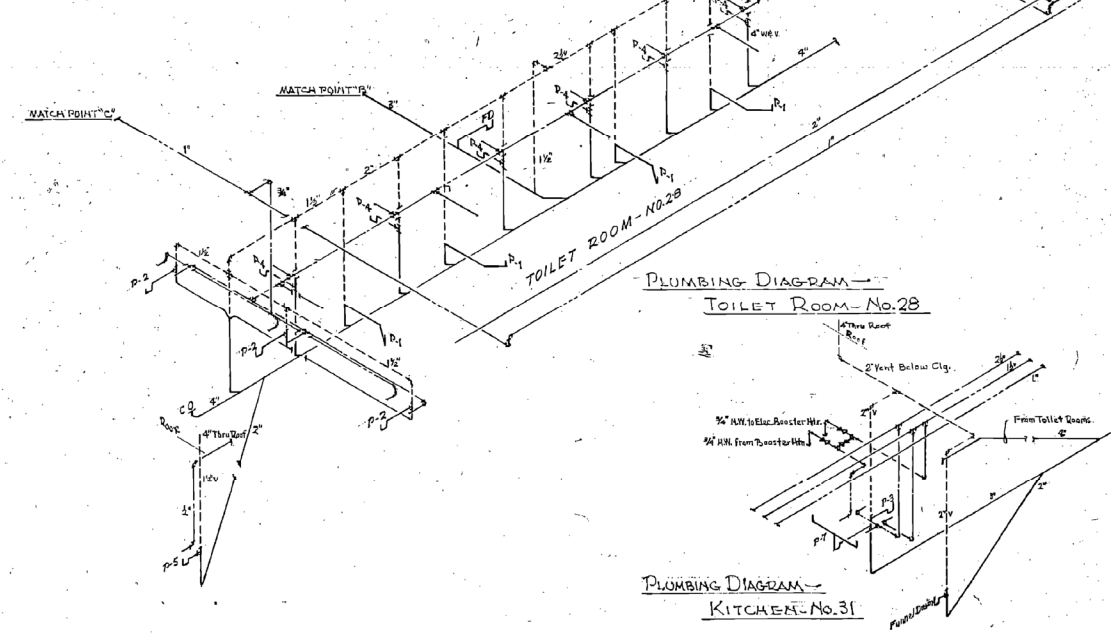
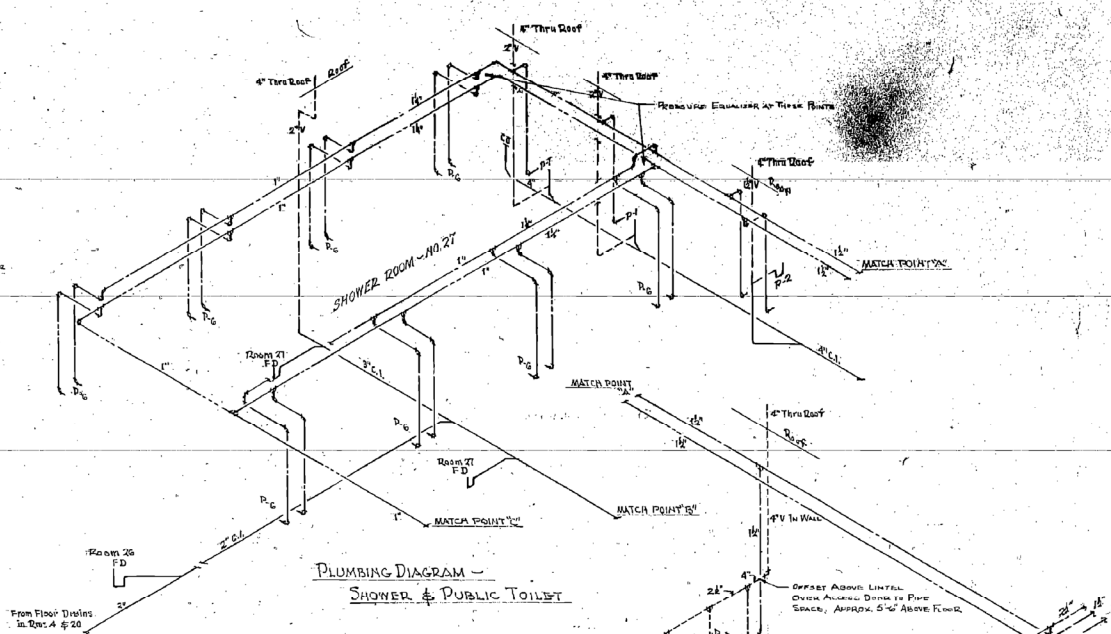
STRUCTURAL RIGID FRAME & BRACING





ITEM NO.	P-1	P-2	P-3	P-4	P-5	P-6	P-7
WASTE	4	1 1/2	3	3	1 1/2	2	2
VENT	2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2	1 1/2
COLD WATER	1 1/4	1/2	3/4	1	1/2	1/2	1/2
HOT WATER	-	1/2	3/4	-	-	1/2	1/2

- NOTES -
1. LATEST CODE BOOKS SHOULD BE USED FOR ALL PIPE SIZES & SCHEDULES.
 2. USE OF 1/2" & 3/4" BRASS FITTINGS ARE REQUIRED FOR ALL BRASS FITTINGS.



PLUMBING DIAGRAM - KITCHEN - No. 31

RALPH A. STUART - CONSULTING ENGINEER - THERE HAVEN, IND.

INDIANA NATIONAL GUARD
STATE HOUSE
INDIANAPOLIS, INDIANA

"2 UNIT ARMORY"

FOR
CRAWFORDSVILLE, INDIANA

DRAWN BY
R.D. & K.M.
CHECKED BY
R.A.S.

CARROLL O. BEESON
ARCHITECT
CRAWFORDSVILLE, INDIANA

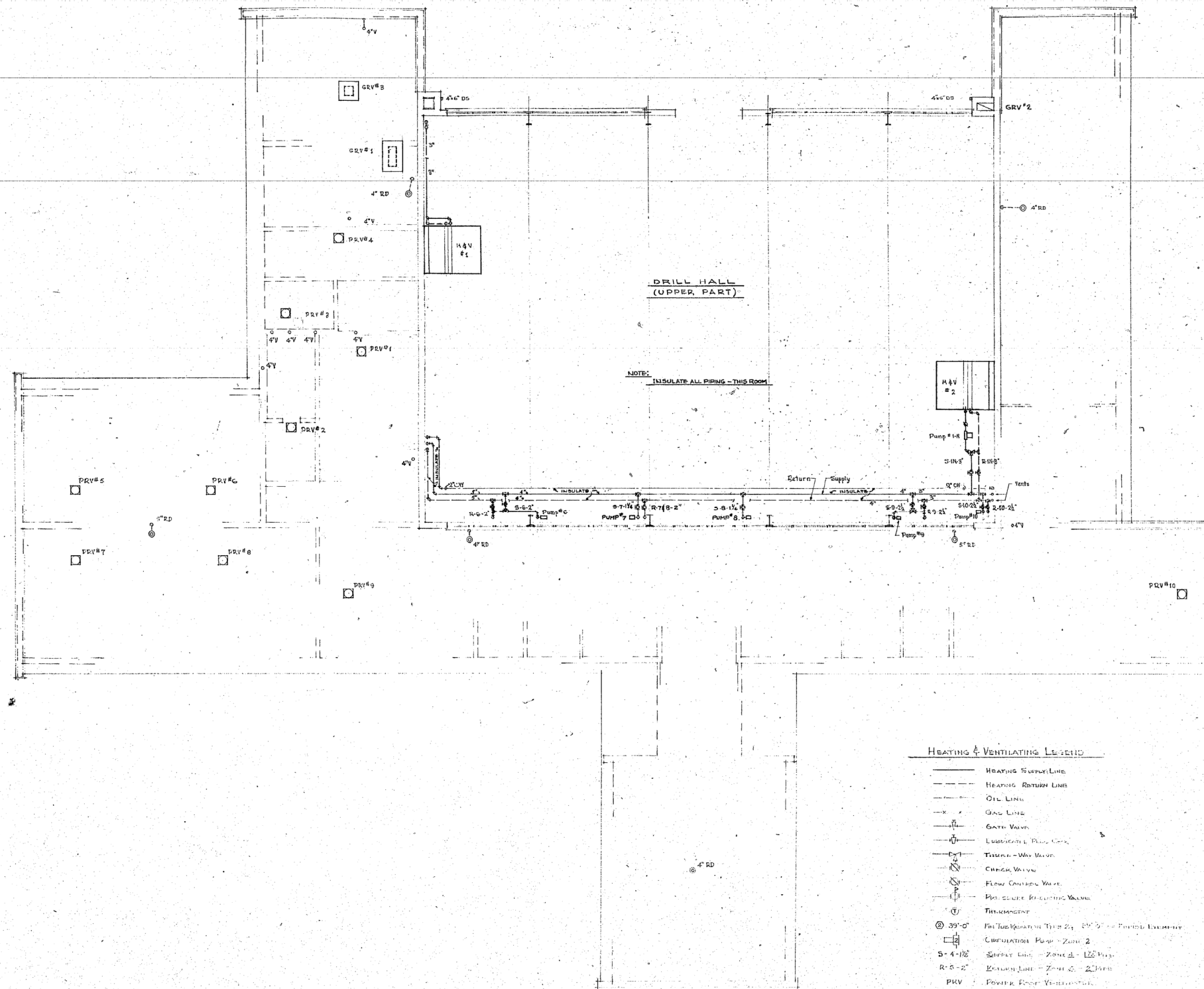
THIS PLAN CERTIFIED BY
R.A.S.

DATE
8-15-55

SHEET NO.
15
OF 20

JOB NO.
316

PLUMBING DETAILS



LOWER ROOF PLAN & UPPER PART OF DRILL HALL
SCALE: 1/8" = 1'-0"

HEATING & VENTILATING LEGEND

- HEATING SUPPLY LINE
- HEATING RETURN LINE
- OIL LINE
- GAS LINE
- GATE VALVE
- LEAKAGE PREVENTING VALVE
- TRUNK - WAY VALVE
- CHECK VALVE
- FLOW CONTROL VALVE
- PISTON OPERATED VALVE
- THIRTY-ONE
- 39'-0" FRICTION LOSS PER 100' OF PIPE
- CIRCULATION PUMP - ZONE 2
- 5'-4'-10" SUPPLY LINE - ZONE 2 - 100' PIPE
- R-6-2" RETURN LINE - ZONE 2 - 200' PIPE
- PRV POWER ROOF VENTILATOR
- GRV GARAGE ROOF VENTILATOR
- REG. REGISTER (SHOW WITH DAMPER)
- DR. DUCT REGISTER
- H&V DUCT VENTILATOR

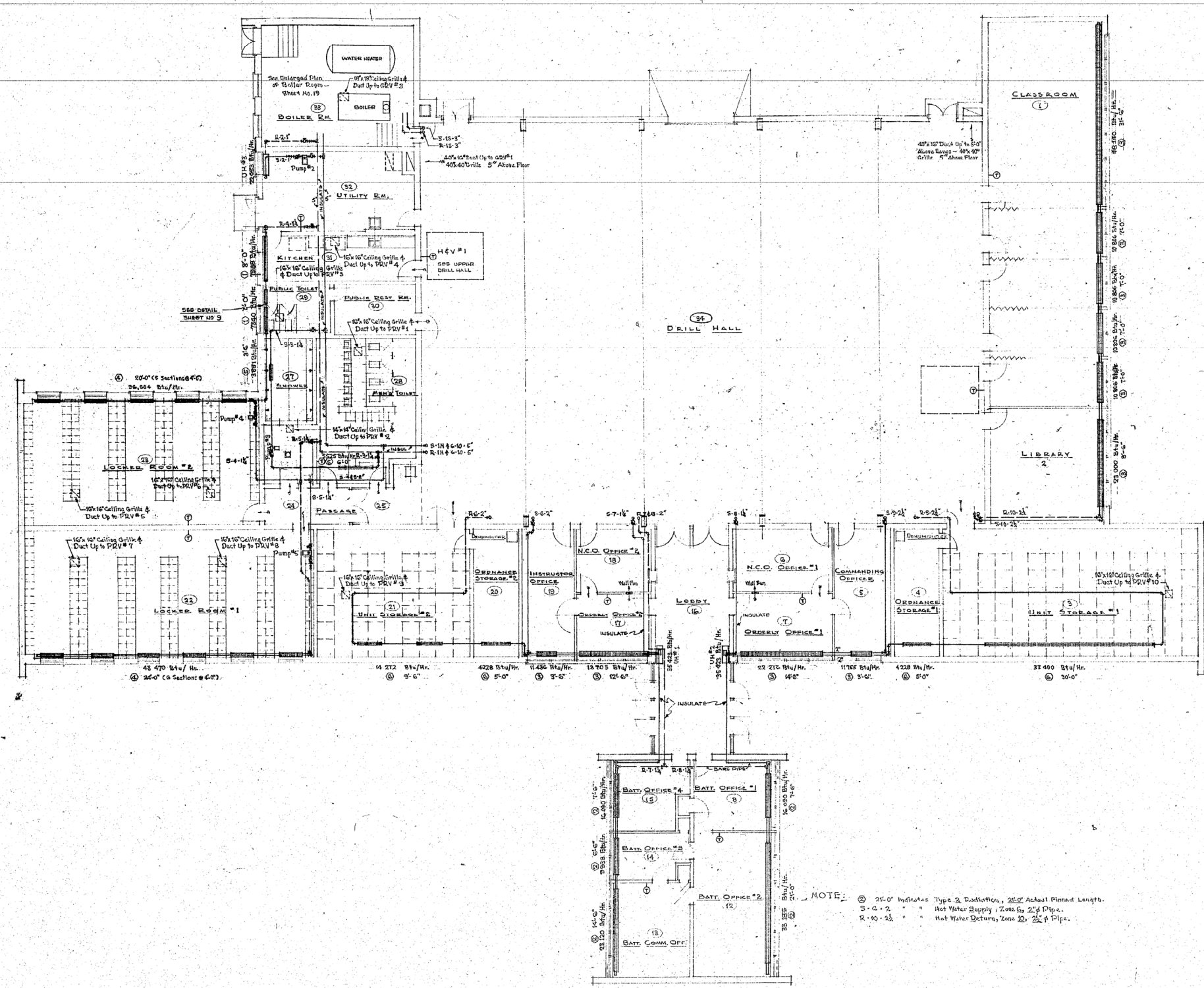
HEATING & VENTILATING UNITS			
DESIGNATION	UNIT #1	UNIT #2	UNIT #3
1 TYPE	HORIZONTAL WALL HUNG WALL HUNG		
2 WHERE USED	DRILL HALL	CORRIDOR	VAULT RM.
3 NUMBER REQUIRED	2	2	1
4 CFM STANDARD AIR	8500	540	355
5 TOTAL STATIC W.G.	5.5	—	—
6 FAN SPEED MAX. R.P.M.	515	500	500
7 AT 5.5" W.G. AIR & 150° F. WATER			
TOTAL BTU/HR. EACH	40,000	35,000	25,000
FINAL AIR TEMP.	109.5	119	119
SURPLUS BTU @ 70° F. R.T. TEMP.	341,000	—	—
8 WATER RATE IN G.P.M.	40	5.5	4.5
9 WATERHEAD LOSS THRU COIL IN FT.	4.7	40	25
10 VENTILATING	YES	NO	NO
11 AUTOMATIC CONTROL			
VENTILATION	WIND-SENSITIVE	—	—
WATER TEMP.	RM. THERMOSTAT	—	—
12 FAN OUTLET VELOCITY G.P.M.	1175	—	—
13 FILTERS	YES	NO	NO
14 MOTOR - SINGLE PHASE			
VOLTAGE	220	115	115
H.P.	2	1/6	1/6
CONTROL	MANUAL	WIND-SENSITIVE THERMOSTAT	—

ROOF VENTILATOR SCHEDULE									
DESIGNATION	CFM	STATIC	SERVES	INLET DIMENSION	RPM	HP	CATALOG NUMBER		
PRV #1	850	1/4"	MAIN TOLLIST	16" X 16"	1140	1/4	396 D		
#2	430	1/4"	SHOWERS & DRY RM.	14" X 14"	1140	1/4	376 D		
#3	280	1/4"	WOMEN'S TOILET	16" X 16"	870	1/20	498 D		
#4	850	1/4"	KITCHEN	16" X 16"	1140	1/4	396 D		
#5	500	1/4"	LOCKER RM. #1	16" X 16"	870	1/2	398 D		
#6	500	1/4"	LOCKER RM. #2	16" X 16"	870	1/2	398 D		
#7	500	1/4"	LOCKER RM. #3	16" X 16"	870	1/2	398 D		
#8	500	1/4"	LOCKER RM. #4	16" X 16"	870	1/2	398 D		
#9	500	1/4"	UNIT STORE #2	16" X 16"	870	1/2	398 D		
#10	1030	1/4"	UNIT STORE #1	16" X 16"	1140	1/3	296 D		
GRV #1			DRILL HALL	40" X 16"			ANTI-S.D. DAMPER		
#2			DRILL HALL	40" X 16"			ANTI-S.D. DAMPER		
#3			BOLTER RM.	18" X 18"			NO DAMPER		

Notes:-
Roof Drains to be 2" minimum
Slopes - 420 or Approved Equal

1	5-23-57	PIPING TO UNIT #1 & #2
REV	DATE	DESCRIPTION
		RALPH A. STUART - CONSULTING ENGINEER - TERRE HAUTE, IND.
INDIANA NATIONAL GUARD STATE HOUSE INDIANAPOLIS, INDIANA "2 UNIT ARMORY" FOR CRAWFORDSVILLE, INDIANA.		
DRAWN BY	CARROLL O. BEESON	SHEET NO. 16
TRACED BY	ARCHITECT	37-20
CHECKED BY	CRAWFORDSVILLE, INDIANA	
DATE	THIS PLAN CERTIFIED BY	JOB NO. 316
5-15-55	Ralph A. Stuart	
PLUMBING, HEATING & VENTILATING - LOWER ROOF PLAN		

SCHEDULE OF WATER CIRCULATORS					
DESIGNATION	SERVICES	BPM	STATIC HEAD IN FEET	CONTROL	HP
1-S	H#V 1	40	12	MANUAL	1/8
1-N	H#V 2	40	16	MANUAL	1/8
2	U.H.#3	5	7	RM. THERMOSTAT TO PUMP & FAN	1/8
3	ZONE 3	5	5	" " " " " "	1/8
4	"	11	11	" " " " " "	1/8
5	"	8	11	" " " " " "	1/8
6	"	17	10	RM. THERMOSTAT TO SWAY VALVE	1/8
7	"	10	13	RM. THERMOSTAT TO PUMP	1/8
8	"	10	13	" " " " " "	1/8
9	"	21	12	RM. THERMOSTAT TO SWAY VALVE	1/8
10	"	10	13	" " " " " "	1/8
11	WATER TREATER (HOT WATER)	58	CHECK HEATING COIL	TANK WATER TEMP. THERMOSTAT	1/4



NOTE: 24'-0" indicates Type 2 Distribution, 25'0" Actual Pinned Length.
 3'-0" - 2' Hot Water Supply, Zone 3, 2 1/2" Pipe.
 2'-10" - 2' Hot Water Return, Zone 3, 2 1/2" Pipe.

SCHEDULE OF FINNED PIPE RADIATION							
DESIGNATION	FINNED PIPE				ENCLOSURE RATED BTU/FT. FINNED		REMARKS
	ROWS	MATERIAL	TYPE	SIZE	ROWS	HIGH	
TYPE 1	1	STEEL	1 1/4"	32	.040"	1	1000
TYPE 2	2	"	1 1/4"	32	.040"	2	1610
TYPE 3	2	"	2"	32	.040"	2	1540
TYPE 4	2	"	2"	32	.040"	2	1540
TYPE 5	1	"	1 1/4"	32	.040"	NONE	895
TYPE 6	1	"	2"	32	.040"	"	852

RALPH A. STUART - CONSULTING ENGINEER - TERRE HAUTE, IND.

INDIANA NATIONAL GUARD
STATE HOUSE
INDIANAPOLIS, INDIANA

"2 UNIT ARMORY"
CRAWFORDSVILLE, INDIANA.

DRAWN BY
WES
TRACED BY
RTM
CHECKED BY
RAS

CARROLL O. BEES IN
ARCHITECT
CRAWFORDSVILLE, INDIANA

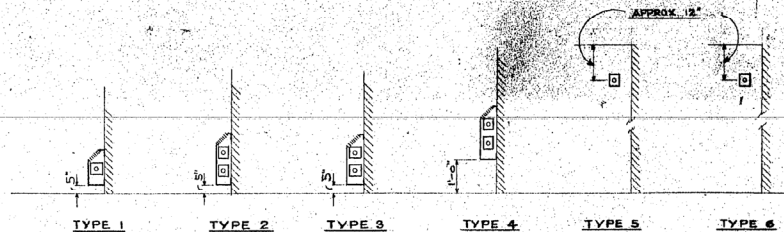
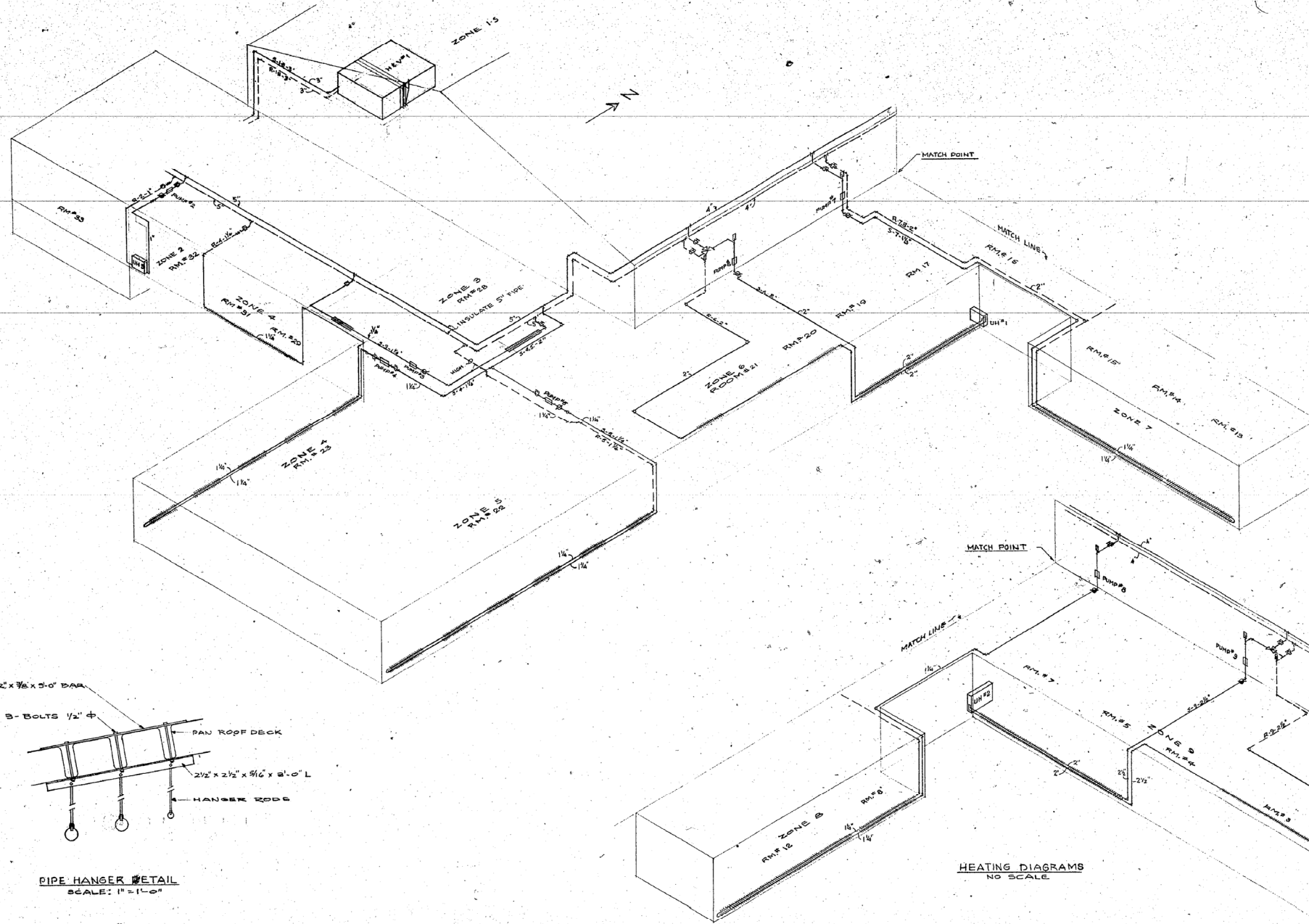
DATE
8-15-55

THIS PLAN CERTIFIED BY
[Signature]

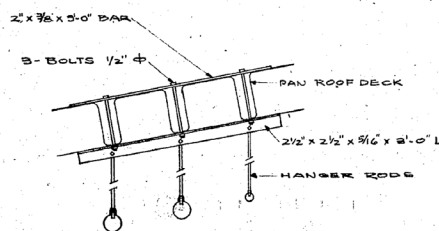
HEATING & VENTILATING FLOOR PLAN

SHEET NO.
17
OF 20

JOB NO.
316

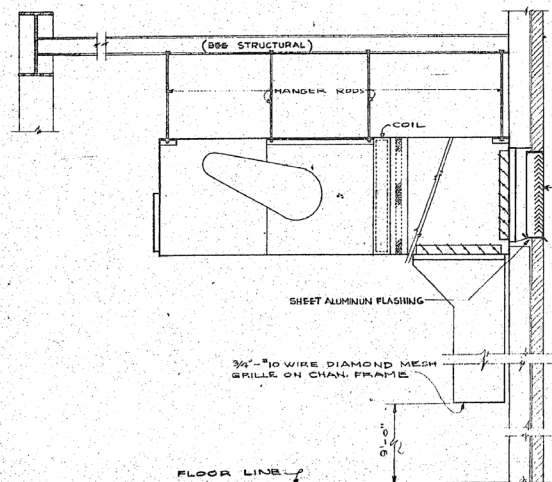


TYPES OF FINNED TUBING
SCALE: 1/2" = 1'-0"

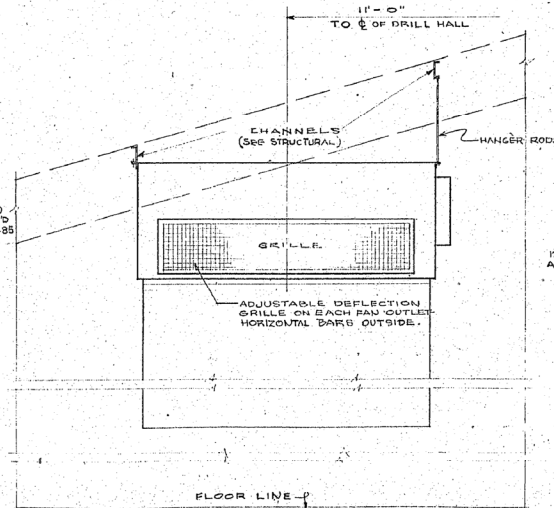


PIPE HANGER DETAIL
SCALE: 1" = 1'-0"

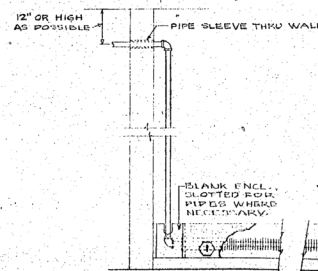
HEATING DIAGRAM
NO SCALE



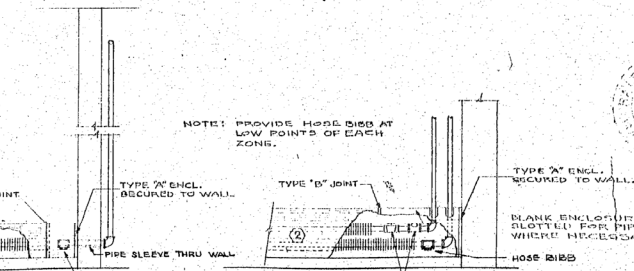
SIDE ELEVATION & SECTION OF LP 85 THERMOVENT
SCALE: 1/2" = 1'-0"



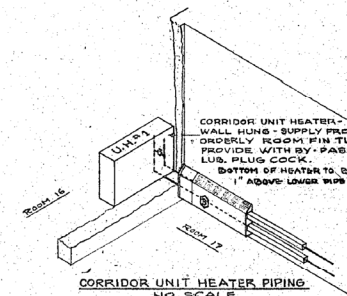
FRONT ELEVATION OF LP 85 THERMOVENT
SCALE: 1/2" = 1'-0"



ROOMS 29 & 31



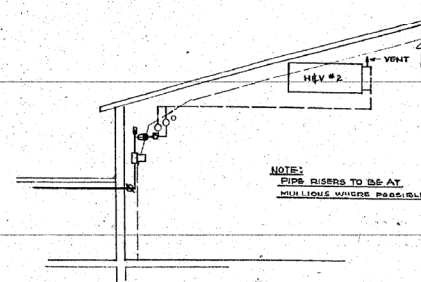
FIN TUBING DETAILS
SCALE: 1/2" = 1'-0"



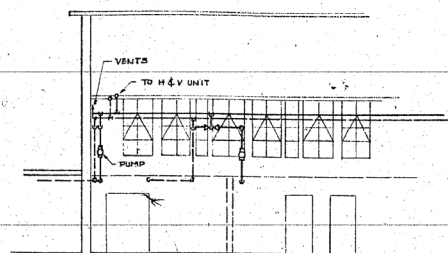
CORRIDOR UNIT HEATER PIPING
NO SCALE

REV.	DATE	DESCRIPTION
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INDIANA NATIONAL GUARD
STATE HOUSE
INDIANAPOLIS, INDIANA
"2 UNIT ARMORY"
CRAWFORDSVILLE, INDIANA
DRAWN BY WES
TRACED BY CA
CHECKED BY RAG
DATE 5-15-55
THIS PLAN CERTIFIED BY
HEATING & VENTILATING - DETAILS

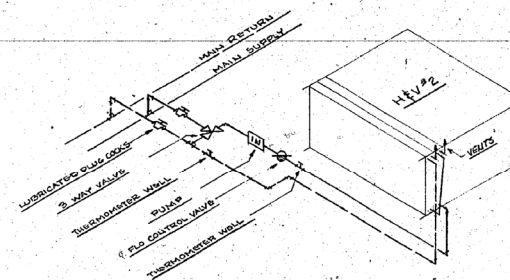


SECTION CC

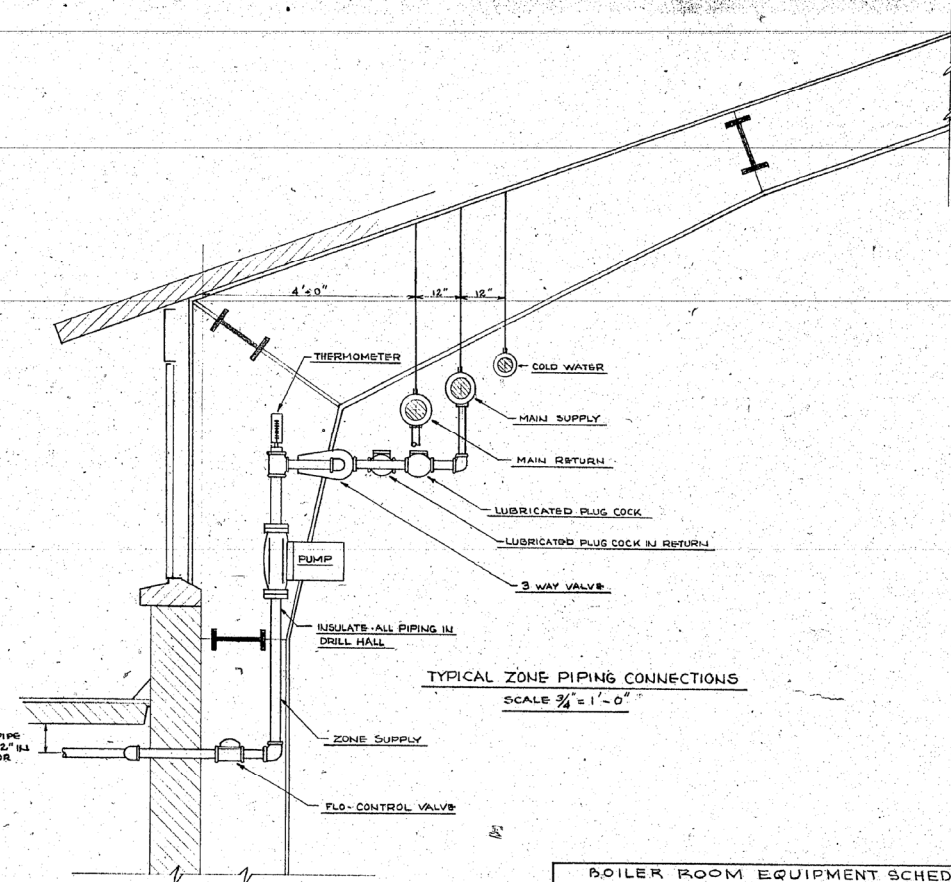


SECTION DD

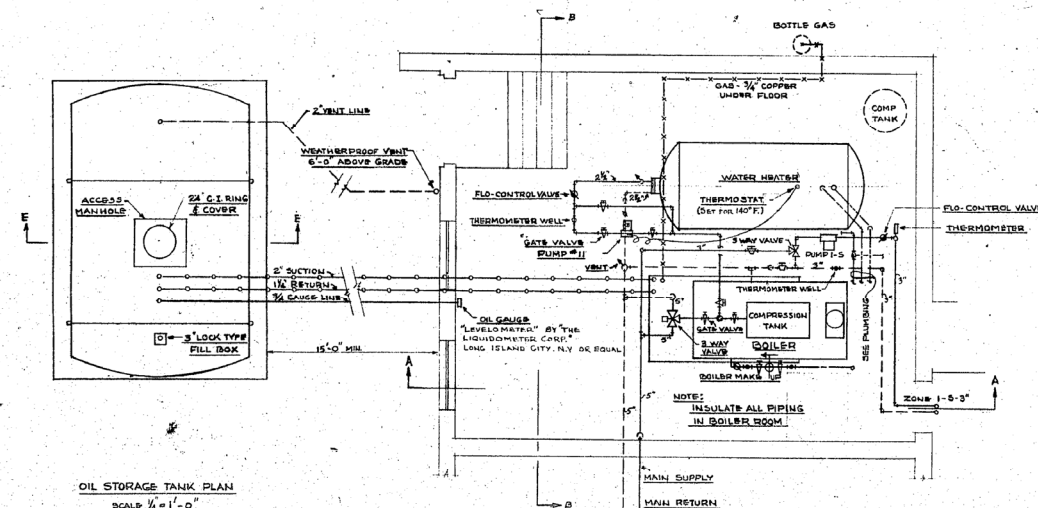
H&V UNIT & ZONE CONNECTIONS IN DRILL HALL
SCALE 1/8" = 1'-0"



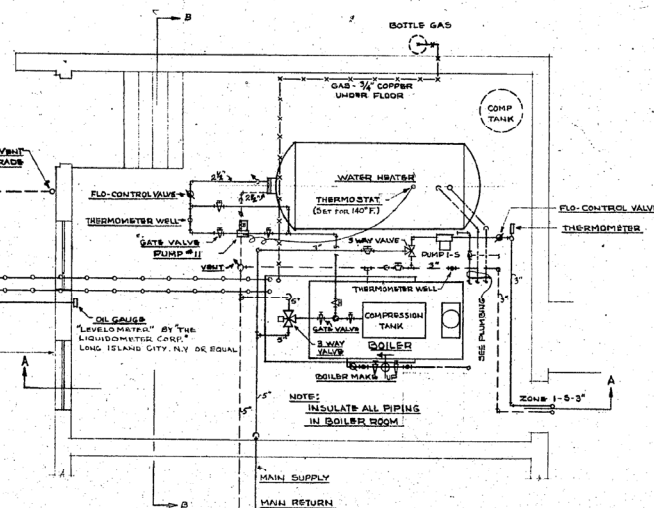
H&V UNIT PIPING DETAILS
NO SCALE



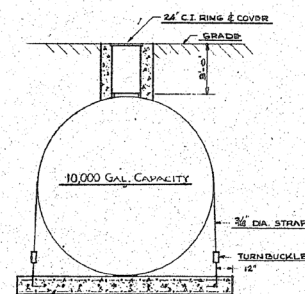
TYPICAL ZONE PIPING CONNECTIONS
SCALE 3/4" = 1'-0"



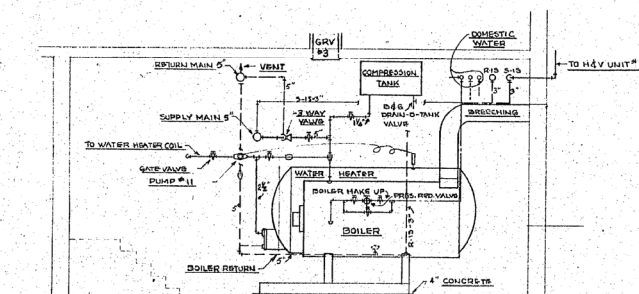
OIL STORAGE TANK PLAN
SCALE 1/4" = 1'-0"



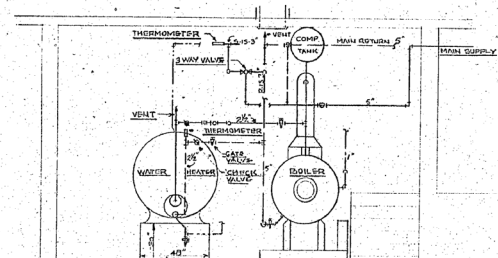
BOILER ROOM PLAN
SCALE 1/4" = 1'-0"



OIL STORAGE TANK - ELEV. SECTION EE
SCALE 1/4" = 1'-0"



BOILER ROOM ELEVATION - SECTION AA
SCALE 1/4" = 1'-0"



BOILER ROOM ELEVATION - SECTION BB
SCALE 1/4" = 1'-0"

BOILER ROOM EQUIPMENT SCHEDULE	
BOILER CAP. IN BTU'S / HR.	2,343,250
BOILER CAP. RATED H.P.	70
VENT CONNECTIONS	12"
CHIMNEY SIZE	24" X 24"
CHIM. HGT. ABOVE BOILER RM. FL.	39'
OIL BURNER:	
MAX. G.P.H.	21.0
H.P. PUMP	1 1/2
H.P. DRAFT FAN	1 1/2
OIL HEATER	3 KW.
STOR. WATER HEATER	
TANK	
DIAMETER	60"
LENGTH	144"
GAL. STORAGE	1600
COIL	
G.P.H. FROM 40°F TO 140°F	735
G.P.H. BOILER WATER ENT. @ 180°F	58
OIL STOR. TANK - GAL. CAPACITY	10,000

RALPH A. STUART - CONSULTING ENGINEER - TERRE HAUTE, IND.

INDIANA NATIONAL GUARD
STATE HOUSE
INDIANAPOLIS, INDIANA

"2 UNIT ARMORY"
FOR
CRAWFORDSVILLE, INDIANA

DRAWN BY WBS	CARROLL O. BEESON	SHEET NO. 19
TRACED BY G.A.	ARCHITECT	OF 20
CHECKED BY GAS	CRAWFORDSVILLE, INDIANA	JOB NO. 316
DATE 6-15-55	THIS PLAN CERTIFIED BY <i>Ralph A. Stuart</i>	

HEATING & VENTILATING DETAILS

