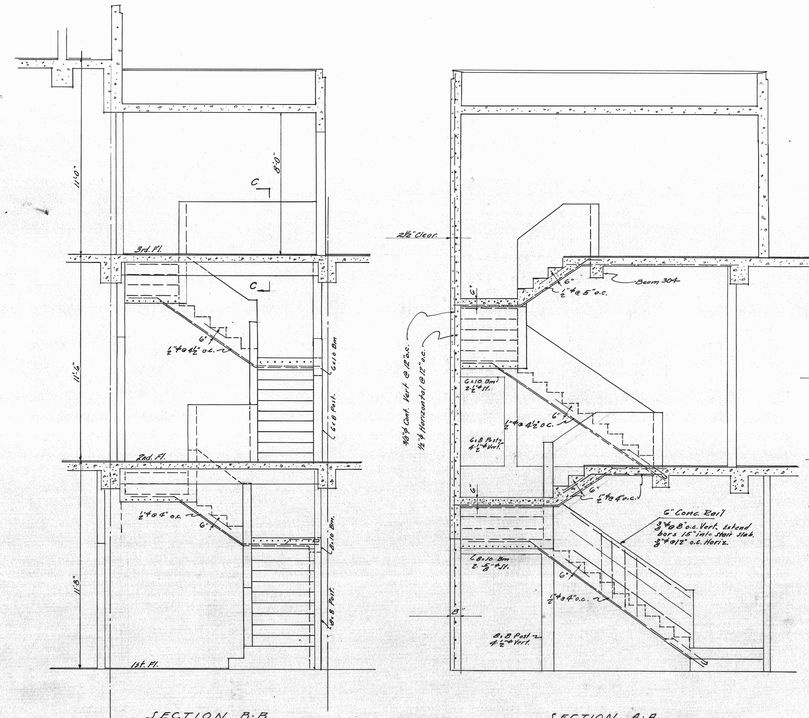
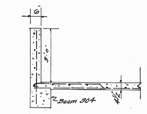
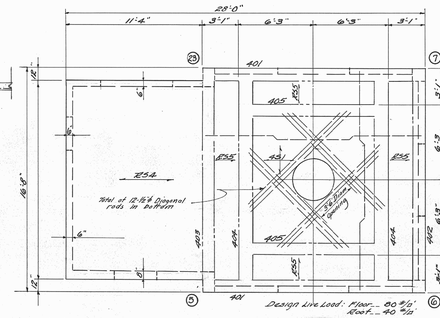


SECTION B-B
Scale 3/8" = 1'-0"

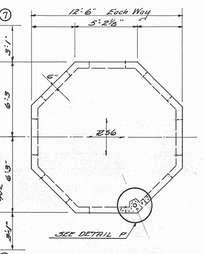
SECTION A-A
Scale 3/8" = 1'-0"



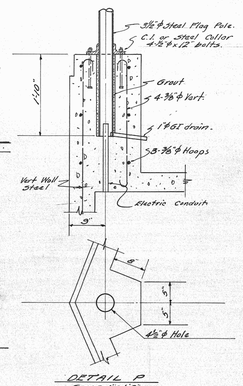
SECTION C-C
Scale 3/8" = 1'-0"



FOURTH FLOOR & STAIR HALL ROOF PLAN
SCALE 1/8" = 1'-0"



OBSERVATION ROOM ROOF FRAMING PLAN
SCALE 1/8" = 1'-0"



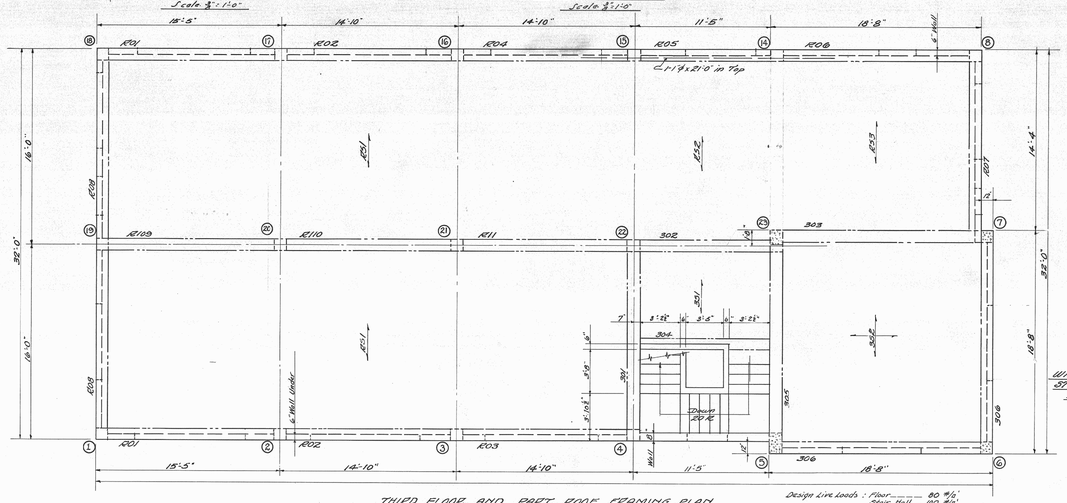
DETAIL P
SCALE 1" = 1'-0"

SCHEDULE OF BEAMS

MARK	SIZE	REINFORCING AT BARS	REINFORCING AT BARS	STIRRUPS SIZE	STIRRUPS SPACING AT EACH END	REMARKS
401	12-24	1-1¼"□	2-1"ϕ	3/8"ϕ	6@6	
402	12-24	1-3/4"ϕ	1-3/4"ϕ	3/8"ϕ	12-12	
403	12-24	1-3/4"ϕ	1-3/4"ϕ	3/8"ϕ	12-12	
404	14x18	2-1¼"□	2-1"□	3/8"ϕ	483, 6@4, 6-8	
405	12x18	2-3/4"ϕ	2-3/4"ϕ	3/8"ϕ	6-8-10-12	
301	12x18	2-1"□	2-1"ϕ	3/8"ϕ	384, 3@6, 8-8-10-12	
302	12x18	2-3/4"ϕ	2-3/4"ϕ	3/8"ϕ	6-8-10-12	
303	12x18	2-1"□	2-1"ϕ	3/8"ϕ	4@4, 3@6-8-8-10	
304	12x14	2-3/4"ϕ	2-3/4"ϕ	3/8"ϕ	6-8-10-12	
305	12x18	2-3/4"ϕ	2-3/4"ϕ	3/8"ϕ	6-8-10-12	
306	12x18	1-1¼"□	2-1"ϕ	3/8"ϕ	4-6-8-10-12-12	
R01	12x18	1-3/4"ϕ	1-3/4"ϕ	3/8"ϕ	8-12	
R02		1-3/4"ϕ	1-3/4"ϕ		8-12	
R03		1-3/4"ϕ	1-3/4"ϕ		8-12	
R04		1-3/4"ϕ	1-3/4"ϕ		8-12	
R05		2-3/4"ϕ	—		12-12	
R06		1-1"ϕ	1-1"ϕ		6-12-12	Top bar see plan
R07		1-3/4"ϕ	1-3/4"ϕ		8-12	
R08		1-3/4"ϕ	1-3/4"ϕ		8-12	
R09		2-3/4"ϕ	2-3/4"ϕ		6-8-10-12	
R10		2-3/4"ϕ	2-3/4"ϕ		6-8-10-12	
R11		2-3/4"ϕ	2-3/4"ϕ		6-8-10-12	

SCHEDULE OF SLABS

MARK	DEPTH	TYPE	REINFORCING AT BARS	REINFORCING AT BARS	REMARKS
R51	5"	One Way	½"ϕ@11"o.c.	½"ϕ@11"o.c.	All Sq & Bt.
R52	5"	One Way	½"ϕ@11"o.c.	½"ϕ@11"o.c.	do
R53	5"	One Way	½"ϕ@12"o.c.	½"ϕ@12"o.c.	do
R54	4½"	One Way	½"ϕ@8"o.c.	½"ϕ@13"o.c.	do
R55	5"	One Way	⅜"ϕ@22"o.c.	—	
R56	4½"	Two Way	½"ϕ@17"o.c.	½"ϕ@17"o.c.	Top Layer All Sq & Bt.
			½"ϕ@20"o.c.	½"ϕ@20"o.c.	Bottom Layer All Sq & Bt.
S51	5"	Two Way	½"ϕ@15"o.c.	½"ϕ@15"o.c.	Top Layer All Sq & Bt. } See plan for extending
			½"ϕ@17"o.c.	½"ϕ@17"o.c.	Bottom Layer All Sq & Bt. } dent bars
S51	4½"	One Way	⅜"ϕ@11"o.c.	⅜"ϕ@11"o.c.	All Sq & Bt. 96"x 14'-0" @ 11"o.c. in Top
S52	5½"	Two Way	½"ϕ@13"o.c.	½"ϕ@13"o.c.	Top Layer All Sq & Bt. Extend into R53
			½"ϕ@13"o.c.	½"ϕ@13"o.c.	Bottom Layer All Sq & Bt.



THIRD FLOOR AND PART ROOF FRAMING PLAN
SCALE 1/8" = 1'-0"

Design Live Loads: Floor ____ 80 #/□'
Stair Hall ____ 100 #/□'
Roof ____ 40 #/□'

WILLIAM H. ARMSTRONG
STRUCTURAL ENGINEER
ATLANTA, GEORGIA

SCALE
AS NOTED

Revisions	Date	Brief

Reviewed by ____
Chf. Dft. ____
Proj Mgr { ____ / E&D
Design Mgr. M.L.R.

MARINE BARRACKS PARRIS ISLAND S.C.
PUBLIC WORKS DEPARTMENT

Approved 26 March 42 Y&D Drawing No. 198,413
For Chief of Bureau

SPECIFICATION NO. 10,842

Drawn by Wm.E.E.
Designed by Wm.H.A.
Checked by Wm.H.A.

Sheet 10 of 18

Architects Job No. EE042

Architects Dwg No 10

SIMONS AND LAPHAM ARCHITECTS 7 STATE ST CHARLESTON S.C.

U.S. MARINE BARRACKS
PARRIS ISLAND
WATER TRANSPORTATION BUILDING

STRUCTURAL

3RD. & 4TH. FL. & ROOF FRAMING PLAN

Submitted MARCH 24 1941
By

610-19-47

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This drawing is a reproduction of an original 1941 construction drawing by Simons & Lapham Architects. The original is held by Marine Corps Recruit Depot, Parris Island. The drawing has not been field verified and may not be at the indicated scale.

HABS/HAER/HALS
INDEX NUMBER

HISTORIC AMERICAN BUILDINGS SURVEY
SHEET 10 OF 10 SHEETS

SURVEY NO.
SC-886-B

MARINE CORPS RECRUIT DEPOT PARRIS ISLAND, BUILDING 163
PORT ROYAL BEAUFORT COUNTY SOUTH CAROLINA

NATIONAL PARK SERVICE
U.S. DEPARTMENT OF THE INTERIOR