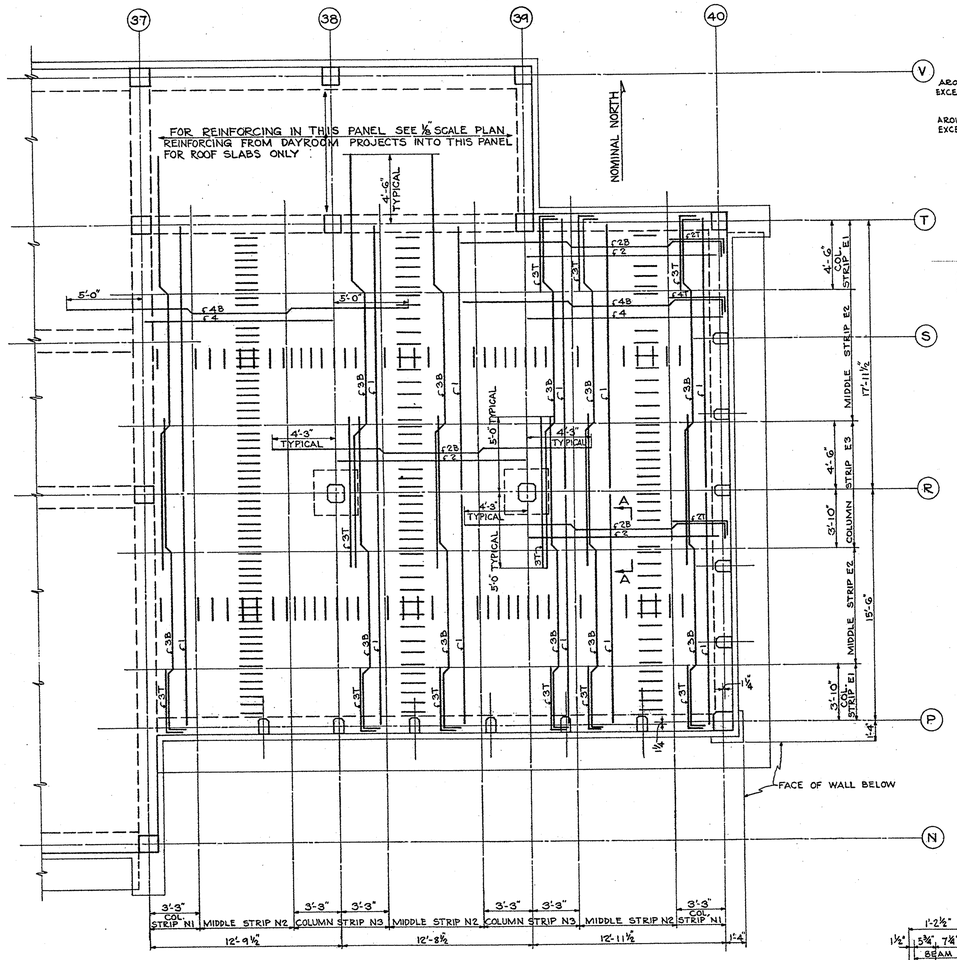
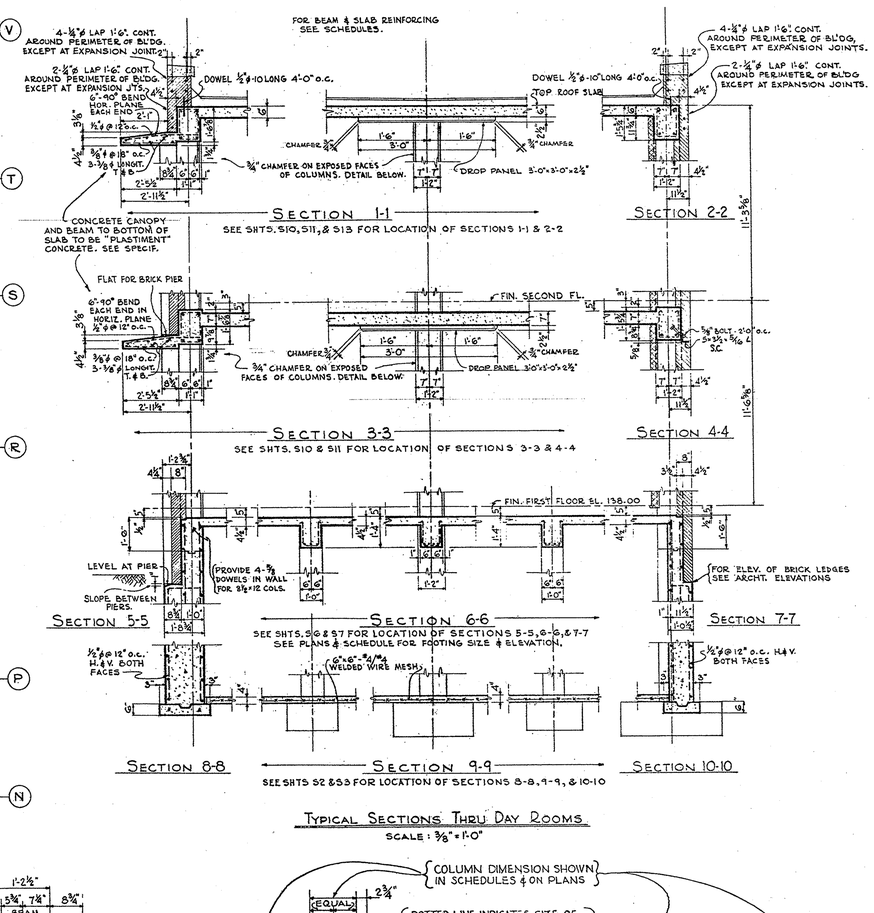


ROOF AND FLOOR SLAB CONSTRUCTION IN DAYROOMS

ROOF OVER DAYROOM IN NORTH WARD WING - MALE AS SHOWN
ROOF OVER DAYROOM IN NORTH WARD WING - FEMALE OPP. HAND
ROOF OVER DAYROOM IN SOUTH WARD WING - MALE AS SHOWN EXCEPT AT STAIRS
ROOF OVER DAYROOM IN SOUTH WARD WING - FEMALE OPP. HAND EXCEPT AT STAIRS
2ND FLOOR OF DAYROOM IN NORTH WARD WING - MALE SIMILAR
2ND FLOOR OF DAYROOM IN NORTH WARD WING - FEMALE SIMILAR TO OPP. HAND

SCALE: 1/4" = 1'-0"



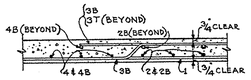
TYPICAL SECTIONS THRU DAY ROOMS

SCALE: 3/8" = 1'-0"

ORDER OF PLACING REINFORCING

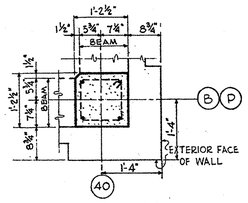
1. PLACE STRAIGHT BARS MARKED 1, IN BOTTOM SPANNING N. & S. IN STRIPS N1, N2, & N3.
2. PLACE STRAIGHT, BENT, AND TOP BARS MARKED 2, 2B, & 2T SPANNING E. & W. IN COLUMN STRIPS E1 & E3.
3. PLACE TOP BARS AND BENT BARS MARKED 3, 3B, & 3T SPANNING N. & S. IN STRIPS N1, N2, & N3.
4. PLACE STRAIGHT, BENT, AND TOP BARS MARKED 4, 4B, & 4T SPANNING E. & W. IN MIDDLE STRIPS E2

THE ABOVE PROCEDURE WILL PLACE ALL BARS SPANNING N. & S. OUTERMOST IN THE SLAB, AND BARS SPANNING E. & W. INNERMOST AS SHOWN IN SECTION A-A.



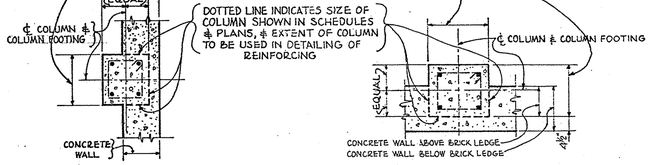
SECTION "A-A"

SCALE: 3/4" = 1'-0"



DETAIL OF COLUMN B40 & P40 AS SHOWN
DETAIL OF COLUMN B1 & P1 OPP. HAND

SCALE: 3/4" = 1'-0"

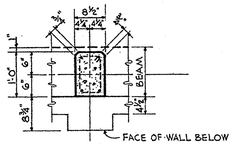


PLAN DETAIL OF CORRIDOR COLUMNS

TO SHOW REINFORCING DETAILS WHERE COLUMNS ARE COMBINED WITH CONCRETE WALLS OF TRAFFIC & SERVICE TUNNELS ON LINES 20 & 21.

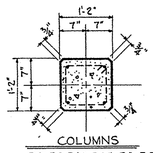
PLAN DETAIL OF EXTERIOR WALL COLUMNS

BELOW FIRST FLOOR TO SHOW REINFORCING DETAILS WHERE COLUMNS ARE COMBINED WITH CONCRETE WALLS.



DAYROOM COLUMNS 8 1/2"x12 & 12"x8 1/2"

SCALE: 3/4" = 1'-0"



COLUMNS

D2, D3, D38, D39, P2, P3
P38, P39

SCALE: 3/4" = 1'-0"

REINFORCING SCHEDULE

SLAB & THK.	STRIP	BARS SPANNING N. & S. ST. BARS #1	BT. BARS #3B	TOP BARS #3T	STRIP	BARS SPANNING E. & W. PANEL	ST. BARS #2 & #4	BT. BARS #2B & #4B	TOP BARS #2T & #4T
ROOF 6" SLAB	N1	5/8"@20	5/8"@20	5/8"@20 AT DISCONT. ENDS	E1	37-38	1/2"@12	1/2"@12	—
						38-39	1/2"@16	1/2"@16	—
						39-40	1/2"@16	1/2"@16	1/2"@16
	N2	5/8"@24	5/8"@24	5/8"@24 AT DISCONT. ENDS	E2	37-38	1/2"@12	1/2"@12	—
						38-39	1/2"@20	1/2"@20	—
						39-40	1/2"@20	1/2"@20	1/2"@20
	N3	5/8"@16	5/8"@16	5/8"@10'-0" @16 AT LINE "R" 5/8"@16 AT DISCONT. ENDS	E3	37-38	1/2"@12	1/2"@12	—
						38-39	1/2"@14	1/2"@14	—
						39-40	1/2"@14	1/2"@14	1/2"@14
FLOOR 7" SLAB	N1	5/8"@16	5/8"@16	5/8"@16 AT LINES "P" & "T"	E1	37-38	1/2"@10	1/2"@10	—
						38-39	1/2"@14	1/2"@14	—
						39-40	1/2"@14	1/2"@14	1/2"@14
	N2	5/8"@20	5/8"@20	5/8"@20 AT LINES "P" & "T"	E2	37-38	1/2"@10	1/2"@10	—
						38-39	1/2"@18	1/2"@18	—
						39-40	1/2"@18	1/2"@18	1/2"@18
	N3	5/8"@12	5/8"@12	5/8"@12 AT LINE "P" 5/8"@10'-0" @12 AT LINE "R" 5/8"@9 AT LINE "T"	E3	37-38	1/2"@10	1/2"@10	—
						38-39	1/2"@10	1/2"@10	—
						39-40	1/2"@10	1/2"@10	1/2"@10

NOTE: ALTERNATE ST. & BT. BARS

ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY THE CONTRACTOR AT THE SITE

COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL HORACE B. NICHOLSON ENGINEER No. 772

Horace B. Nicholson
HORACE B. NICHOLSON
CONSULTING ENGINEER
223 BROAD ST. STATION
PHILADELPHIA, PA.

REGISTERED ARCHITECT PENNSYLVANIA AS DEAN B. DAVIS

REGISTERED ARCHITECT PENNSYLVANIA AS DAVID POOLE

REVISED
AS BUILT 5/18/52

THE GENERAL STATE AUTHORITY

APPROVED Oscar N. Lindahl 1-18-50 EXECUTIVE DIRECTOR
APPROVED J. F. Jones CONSULTING ENGINEER
SUBMITTED — ARCHITECTS
APPROVED DEPT. OF WELFARE
APPROVED J. M. Griffiths 11/9/49 DEPT. OF PROPERTY & SUPPLIES
APPROVED DEPT. OF HEALTH
ACCEPTED CONTRACTOR BY
ACCEPTED CONTRACTOR BY
ACCEPTED CONTRACTOR BY

PROJECT No. - GSA - 510-1

PHILADELPHIA STATE HOSPITAL
PHILADELPHIA PENNSYLVANIA

TUBERCULAR PATIENTS' BUILDING N-10
REINFORCING STEEL DETAILS
DAYROOMS

DAVIS AND POOLE REGISTERED ARCHITECTS
112 S. 16th ST. PHILADELPHIA, PENNA.

1949 PROGRAM
DATE JAN. 14, 1950
SCALE AS NOTED

THE GENERAL STATE AUTHORITY
JAMES H. DUFF PRESIDENT
OSCAR N. LINDAHL EXEC. DIRECTOR
HARRISBURG, PENNSYLVANIA

SHEET No. S-18

CHECKED FOR G. S. A.

SUPV. ARCH.	ARCH.	STRUCT.	MECH.	ELEC.
JOR 11/9/50		EM 1/18/52		