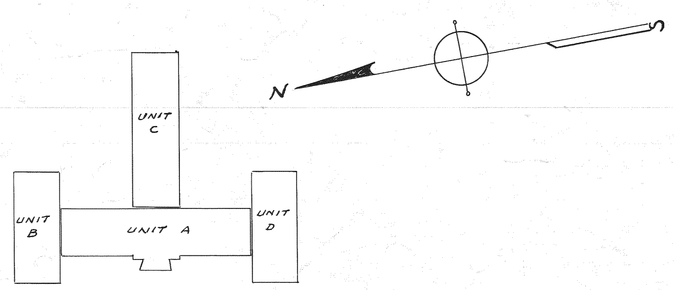
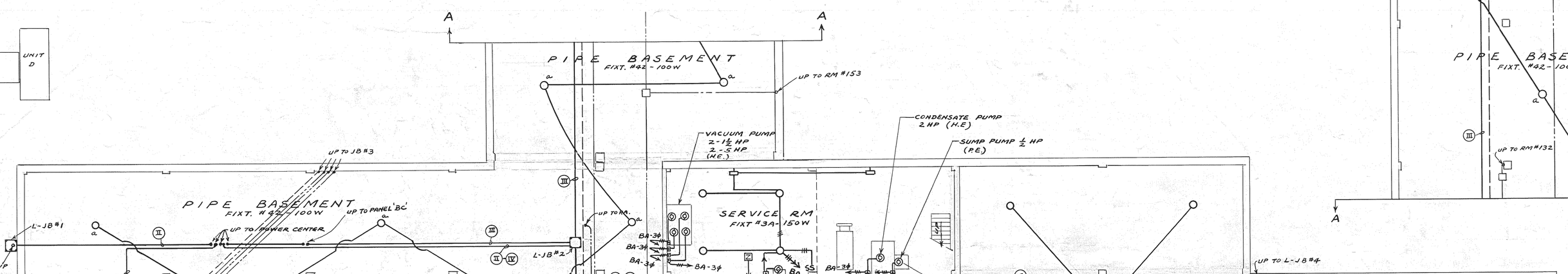
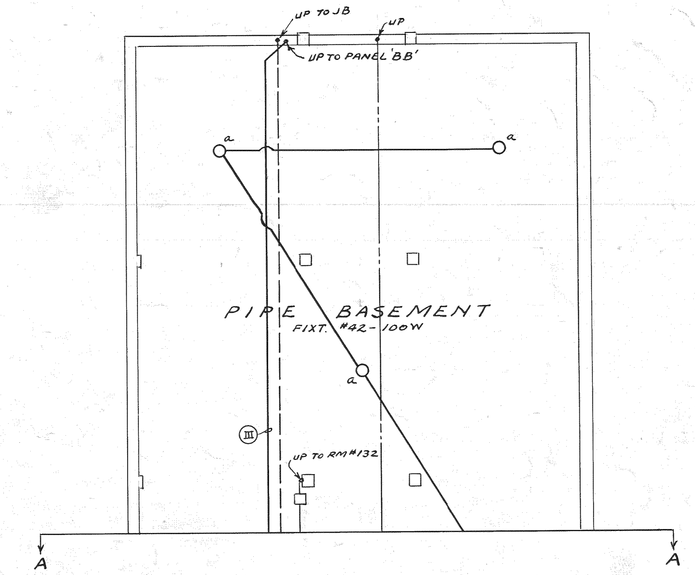




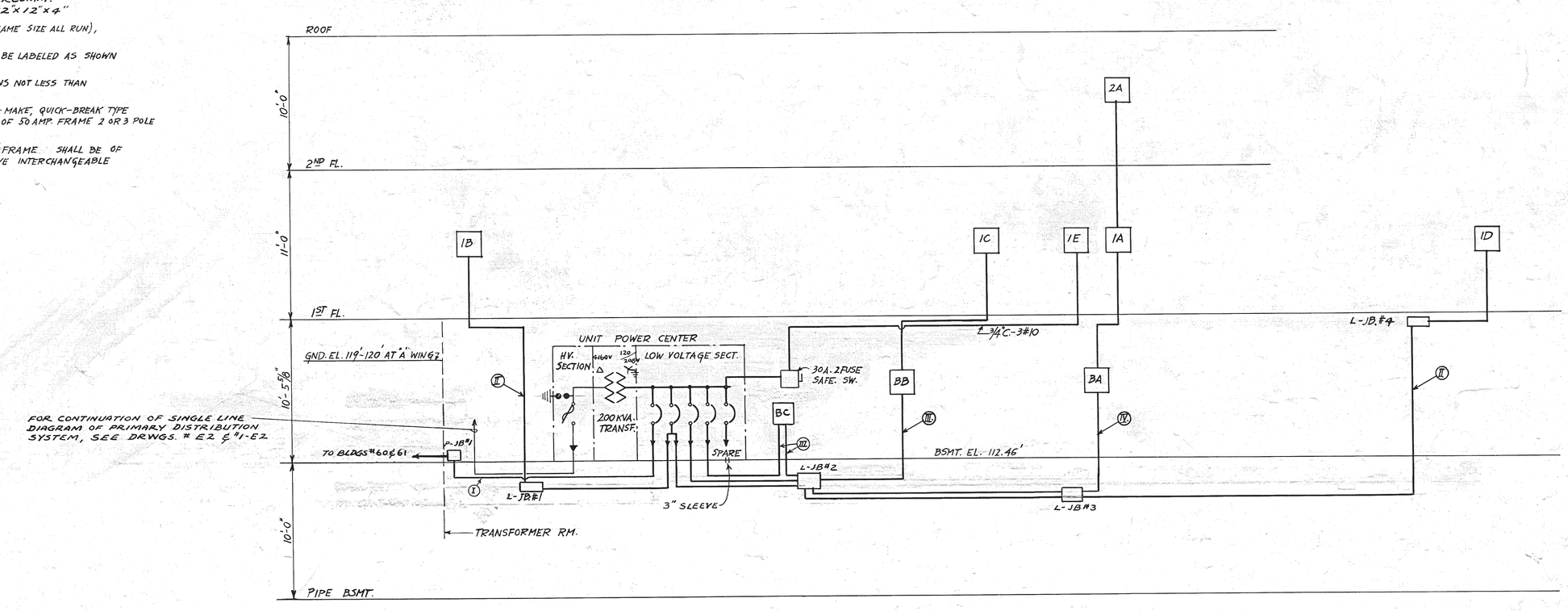


PIPE BASEMENT PLAN

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

NOTE:

1. CONDUITS AND WIRES FOR SIGNAL SYSTEMS:
   TELEPHONE - 2" CONDUIT ONLY
   DOCTORS PAGING SYSTEM - 1 1/4" COND, 13 #14
   FUTURE INTERCOMMUNICATION SYSTEM - 1 1/4" COND, EMPTY
   FIRE ALARM SYSTEM - 3/4" COND 2 #12 WIRES
   UNLESS OTHERWISE NOTED.
2. TELEPHONE TERMINAL CABINETS TO BE 30"x24"x4"
3. ALL JUNCTION BOXES FOR FUTURE INTERCOMM. AND DOCTORS PAGING SYSTEM TO BE 12"x12"x4"
4. ALL SECONDARY FEEDERS ARE THROUGH FEEDERS (SAME SIZE ALL RUN), UNLESS OTHERWISE INDICATED.
5. ALL PULL BOXES, TERMINAL BOXES AND PANELS SHALL BE LABELED AS SHOWN ON RISER DIAGRAM.
6. ALL JUNCTION AND PULL BOXES SHALL HAVE DIMENSIONS NOT LESS THAN MINIMUM DIMENSIONS, AS REQUIRED BY NEC.
7. ALL CIRCUIT BREAKERS ON PANELS SHALL BE QUICK-MAKE, QUICK-BREAK TYPE WITH THERMAL MAGNETIC TRIP, EXCEPT THAT ACB.'S OF 50 AMP. FRAME 2 OR 3 POLE MAY HAVE THERMAL TRIP ONLY.
8. ALL AIR CIRCUIT BREAKERS OF 100 AMP. & 225 AMP. FRAME SHALL BE OF 15,000 AMP. INTERRUPTING CAPACITY, AND SHALL HAVE INTERCHANGEABLE ADJUSTABLE MAGNETIC TRIP.



RISER DIAGRAM

NOT TO SCALE

SWITCHBOARD SCHEDULE

C.B. DESIGNAT.	FRAME AMP.	TRIP AMP.	I.C. AMP.	SUPPLIES	REMARKS
	AIR CIRCUIT BREAKERS TYPST. 600V.				
I	225	200	15000	BLDG. # 61 & #60	
II	225	150	"	PANEL 1B & 1D	
III	225	200	"	PANEL BB, BC & 1C	
IV	225	200	"	PANEL BA, 1A & 2A	
V	225	–	15000	SPARE	

FEEDER SCHEDULE

FEEDER DESIGNAT.	NO. OF CONDUCT.	WIRE SIZE A.W.G.	COND. SIZE	SUPPLIES	REMARKS
I	3	500 MCM.	3½"	BLDG NO. 61 & NO. 60	
	1	4/0 BARE			
II	4	1/0	2"	PANEL 1B & 1D	
III	4	3/0	2½"	PANEL BB, BC & 1C	
IV	4	3/0	2½"	PANEL BA, 1A & 2A	
V			3½"		

PANEL SCHEDULES

PANEL DESIGNAT.	MAINS DESCRIPTION	CIRCUIT BRANCHES NO.	POLES	FRAME A.	TRIP A.	REMARKS
BA	200A. 120/208V. 3φ 4W. MAINS, LUGS ONLY	18	1	50	20	4 SPARE
		5	3	50	15	PUMPS, + 1 SPARE
		3	3	50	35	" "
BB	100A. 120/208V. 3φ 4W MAINS, LUGS ONLY	10	1	50	20	4 SPARE
BC	200A. 120/208V. 3φ 4W. MAINS, LUGS ONLY.	6	1	50	20	5 SPARE
		2	3	50	50	1 FOR TEST CAB., 1 SPARE
		1	3	100	90	1 - 3P SPACE
1A	200A. 120/208V. 3φ 4W. MAINS, LUGS ONLY	38	1	50	20	7 SPARE
		2	1	50	30	1 SPARE
1B	200A. 120/208V. 3φ 4W. MAINS, LUGS ONLY	22	1	50	20	5 SPARE
		2	1	50	30	1 SPARE
1C	200A. 120/208V. 3φ 4W. MAINS, LUGS ONLY	28	1	50	20	3 SPARE
		4	1	50	30	2 SPARE
1D	200A. 120/208V. 3φ 4W. MAINS, LUGS ONLY.	22	1	50	20	5 SPARE
		2	1	50	30	1 SPARE
2A	100A. 120/208V. 3φ 4W. MAINS, LUGS ONLY	14	1	50	20	3 SPARE
		2	1	50	30	1 SPARE
1E	30A. 120/208V. 1φ 3W. MAINS, LUGS ONLY	4	1	30	20	RISE BRANCHES ONLY.

ELECTRICAL

PIPE BASEMENT FLOOR PLAN
RISER DIAGRAMS
ADMINISTRATION BUILDING NO. 1
VETERANS ADMINISTRATION
BROCKTON, MASS.

	REVISIONS	NUMBER
Drawn D.G.J. & J.P.		1-E1
Traced D.G.J.		
Sect. Chf. J.M.		
Date 1/31/51		SHEET 1 OF 3
Division Chief N. C. Stephens		Proj. No. 1-4050

VETERANS ADMINISTRATION
WASHINGTON, D. C.

APPROVED
ASSISTANT ADMINISTRATOR, C., S. AND R.E.

DIRECTOR, TECHNICAL SERVICE

2-5-1-0979

RETURN TRACINGS TO PLAN FILES

FILE FOLDER NO. 2D

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BLDG. #1
PIPE BASEMENT FLOOR PLAN
RISER DIAGRAM
ADMINISTRATION
ELEC.
1-40 50
DRAWING # 1-E1
JAN 1951
SHEET # 1 OF 3