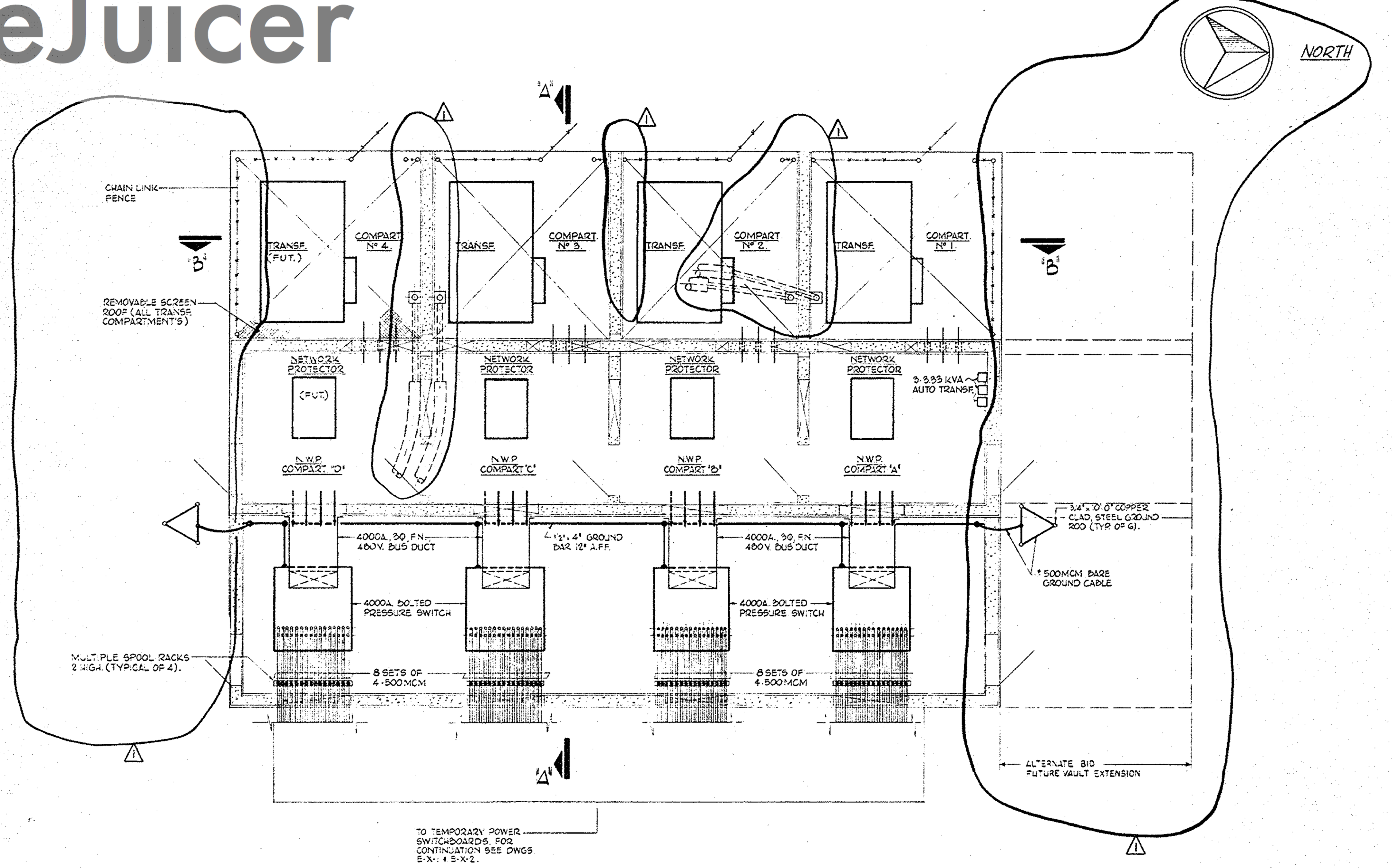


PLAN VIEW OF TEMPORARY SERVICE VAULT

NOTE: FOR 265/460.3Ø.4W TEMPORARY CONSTRUCTION SERVICE

TEMPORARY SERVICE SWITCHBOARD SCHEDULE · 460/265V., 3Ø, 4W.

(TYPICAL FOR FOUR SWITCHBOARDS · TWO IN TOWER 'A' AND TWO IN TOWER 'B')

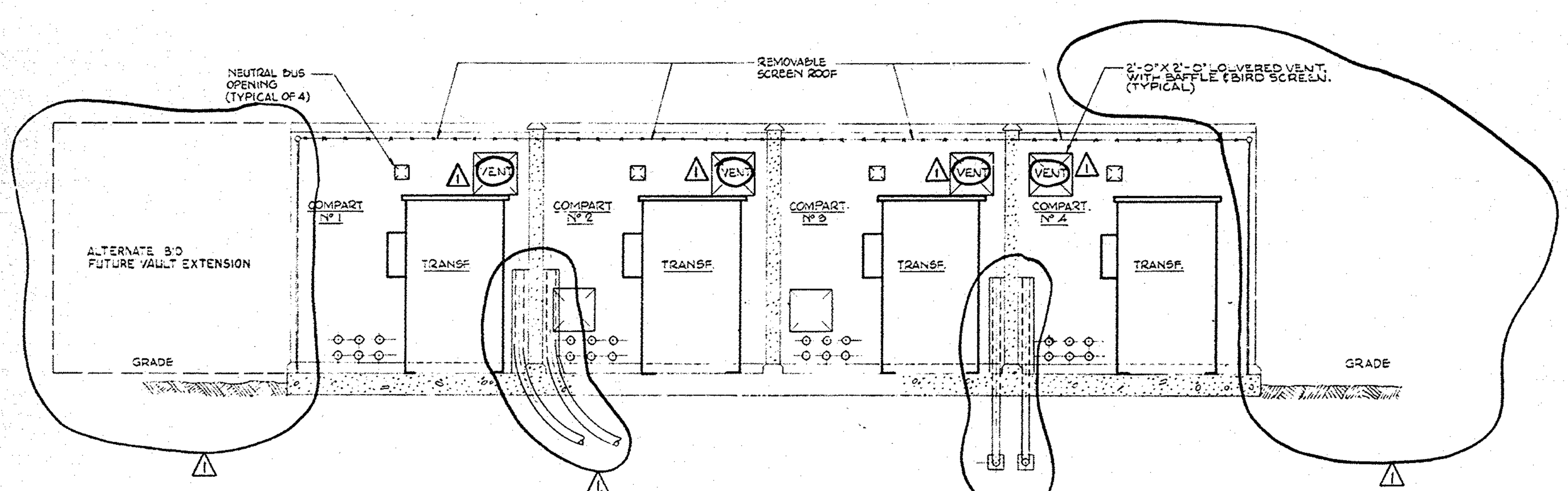
CUBICLE NUMBER	FEEDER PROTECTIVE DEVICE: DEVICE RATING IN AMPS	POLES	TYPE	FUSE SIZE IN AMPS	SERVICE: FOR SWBDS STAB & STBN	SERVICE: FOR SWBDS STAW & STBS
1	1600	3	PRESSURE SWITCH	1600	WELDING-LOCAL ELEV-BANK "C"-480/277V. PWR.	SAME EXCEPT BANK "D" ELEV.
2	800	3	QMQB SWITCH	800	TEMPORARY LIGHTING-ABOVE 6TH FL.	SAME
3	800	3	" "	600	FIRE PUMP AT SERV. LEVEL (300HP)	SPARE
4	400	3	" "	400	SPARE	LOCAL ELEV. BANKS "A&B"
5	400	3	" "	300	HOIST (200HP)	SPARE
6	400	3	" "	300	480V. PWR - 1ST TO 6TH FL.	480V. PWR - SERV. LEVEL TO S.L.#5
7	400	3	" "	300	SPARE	SPARE
8	200	3	" "	175	BOOM (120HP)	SAME
9	200	3	" "	175	BOOM (120HP)	SAME
10	200	3	" "	150	SPARE	HOUSE PUMP @ SERV. LEVEL (100HP)
11	200	3	" "	175	HOIST (125HP)	SAME
12	200	3	" "	150	TEMPORARY LIGHTING-BELOW 7TH FL.	SPARE
13	200	3	" "	200	JUMP ELEVATOR (BANK "D")	JUMP ELEVATOR (BANK "D")
14	200	3	" "	150	SPARE	SPARE
15	200	3	" "	150	SPARE	SPARE
16	100	3	" "	70	CONC. BATCHER.	SAME
17	100	3	" "	70	CONC. BATCHER.	SAME
18	100	3	" "	100	MISC. LIGHTING	SAME
19	100	3	" "	100	MISC. LIGHTING	SAME
20	100	3	" "	100	MISC. LIGHTING	SAME
21	100	3	" "	100	MISC. LIGHTING	SAME
22	100	3	" "	100	SPARE	SPARE
23	100	3	" "	70	SPARE	SPARE
24	100	3	" "	70	SPARE	SPARE

NOTES:

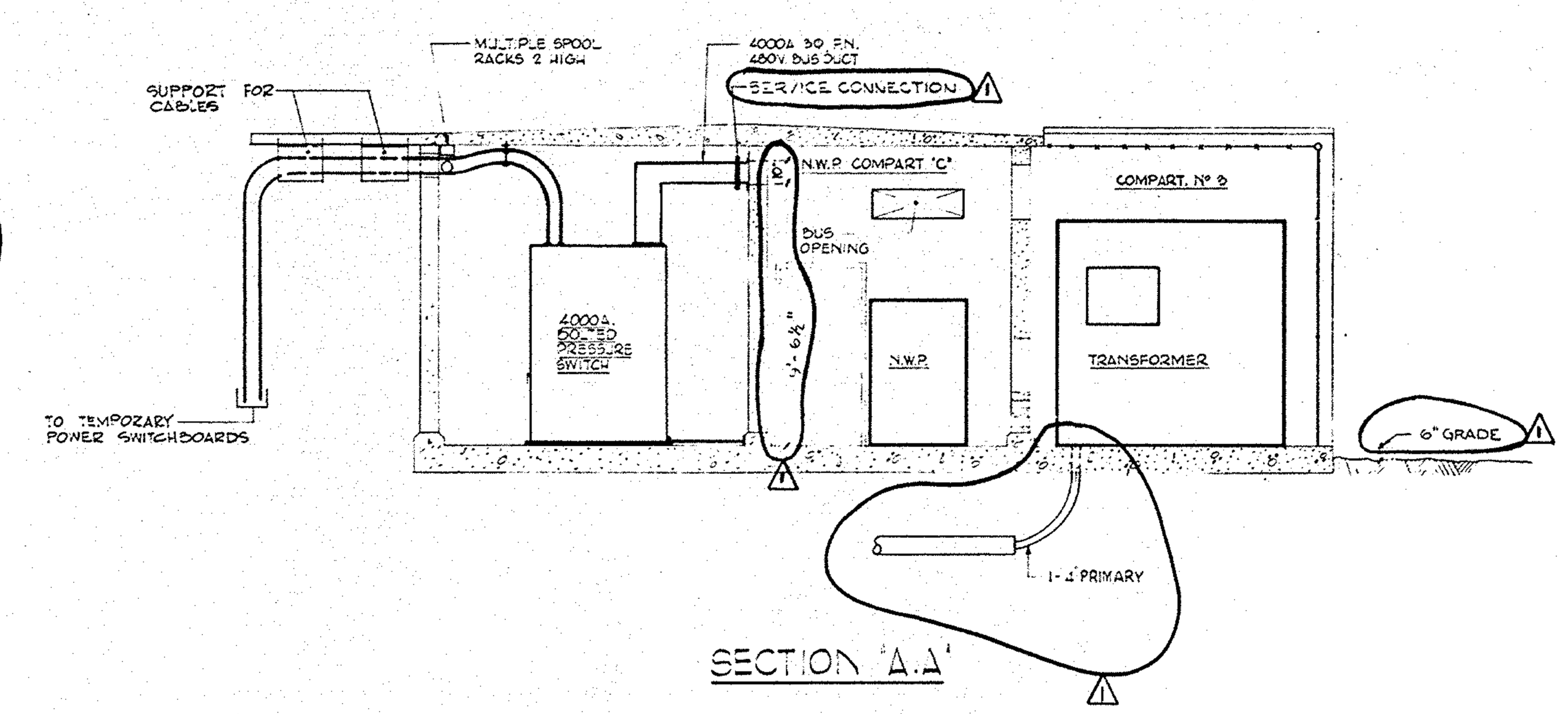
1. ALL SERVICE AND BRANCH FEEDERS SHALL BE ACCOMPANIED BY AN INSULATED GROUND CONDUCTOR CONSISTANT WITH N.E.C. REQUIREMENTS.
2. FUSE SIZES SHOWN ARE NOMINAL ONLY AND SHALL BE REVISED AS NECESSARY IN THE FIELD TO PROPERLY PROTECT EQUIPMENT AND FEEDERS TO BE INSTALLED.

NOTES

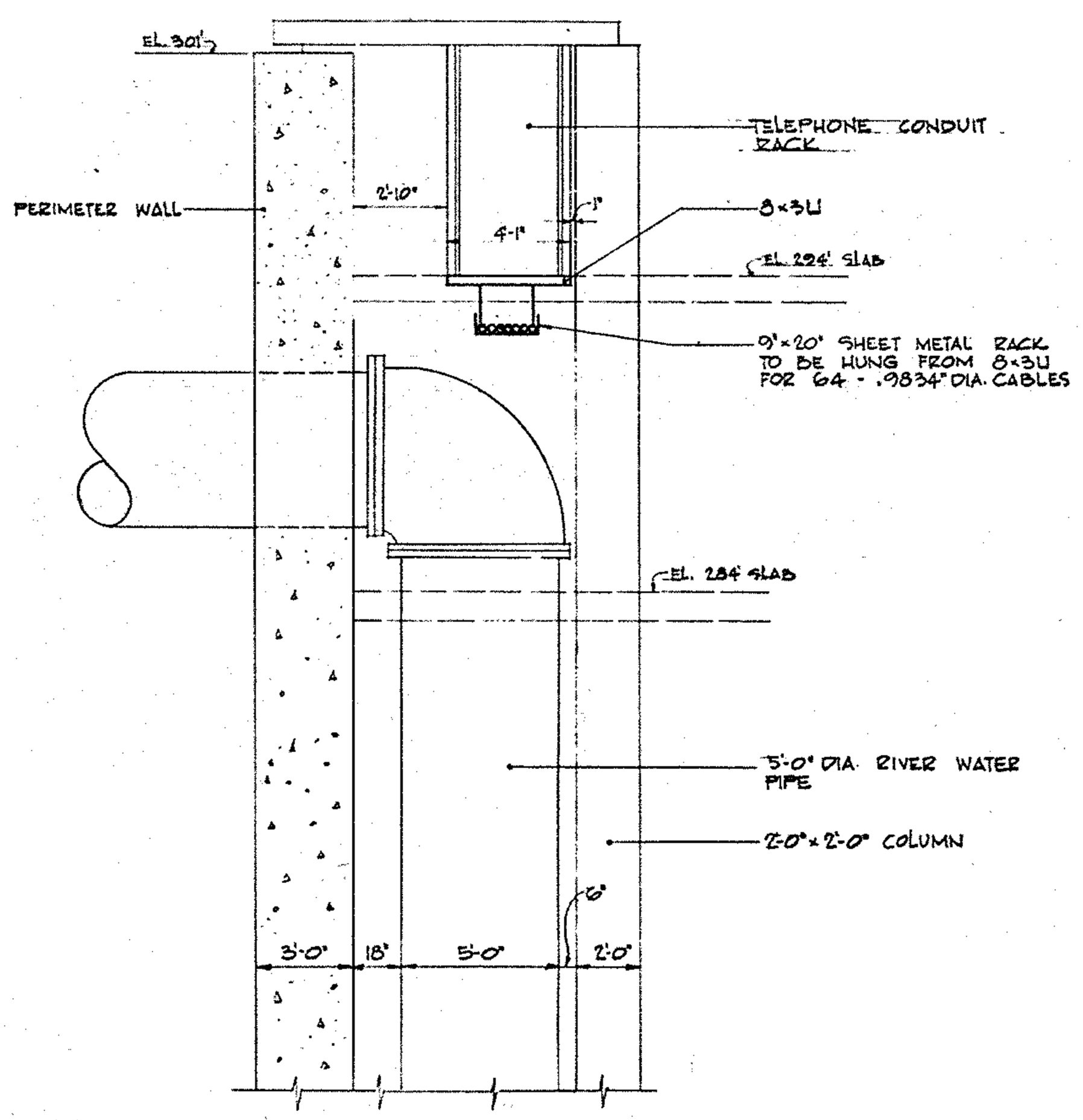
1. SEE SPECS FOR DIVISION OF WORK REQUIREMENTS.
2. VAULT CONSTRUCTION BY OTHERS.
3. THE ELECTRICAL CONTRACTOR TO EXTEND SECONDARY AND PRIMARY CONDUITS FROM EXISTING STREET SYSTEM TO VAULTS.
4. CON EDISON CO. TO FURNISH AND INSTALL 4-2500/2800 KVA, 13.8KV, 3Ø TRANSFORMERS, BUS, 4-2800 KVA NETWORK PROTECTORS & FRAMES AND ASSOCIATED EQUIPMENT, INCLUDING CABLE.



SECTION 'B-B'

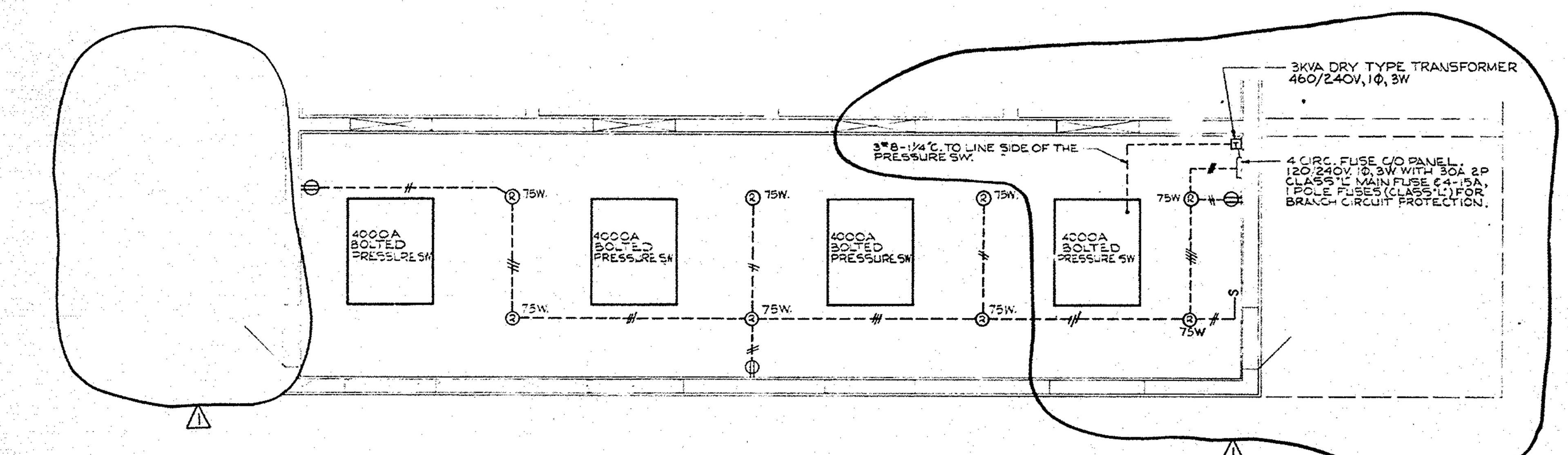


SECTION 'A-A'



SECTION 'L-L'

SEE DWG Nº E-X-3 FOR LOCATION OF SECTION



LIGHTING & RECEPTACLE LAYOUT

CONTRACT BID DRAWING date OCT. 16, 1967

NO.	DATE	BUL. NO.	BY	NO.	DATE	BUL. NO.	BY
1	12-18-67						

REVISIONS | REVISIONS

APPROVED

CHIEF, PLANNING DIVISION

DATE

THE WORLD TRADE CENTER

THE PORT OF NEW YORK AUTHORITY

MINORU YAMASAKI & ASSOCIATES
MINORU YAMASAKI, ARCHITECT

EMERY ROTH & SONS
RICHARD ROTH, ARCHITECT

WORTHINGTON, SKILLING, HELLE & JACKSON
STRUCTURAL ENGINEERS

JAROS, BAUM & BOLLES
MECHANICAL ENGINEERS

JOSEPH R. LORING & ASSOCIATES
ELECTRICAL ENGINEERS

THE PORT OF NEW YORK AUTHORITY
PAVING, UTILITIES, FOUNDATIONS

1/4" = 1'0" scale 2 0 2 4 6 8 10 feet

TITLE: TEMPORARY SERVICE VAULT AND SWITCHBOARD SCHEDULES

DRAWN	R.F.H.	CHECKED	J.R.L.
SCALE	1/4" = 1'-0"	DATE	OCT. 16, 1967
PROJECT NUMBER		SHEET	5 OF 12
DRAWING NUMBER	E-X-5		

FileJuicer
File Juicer