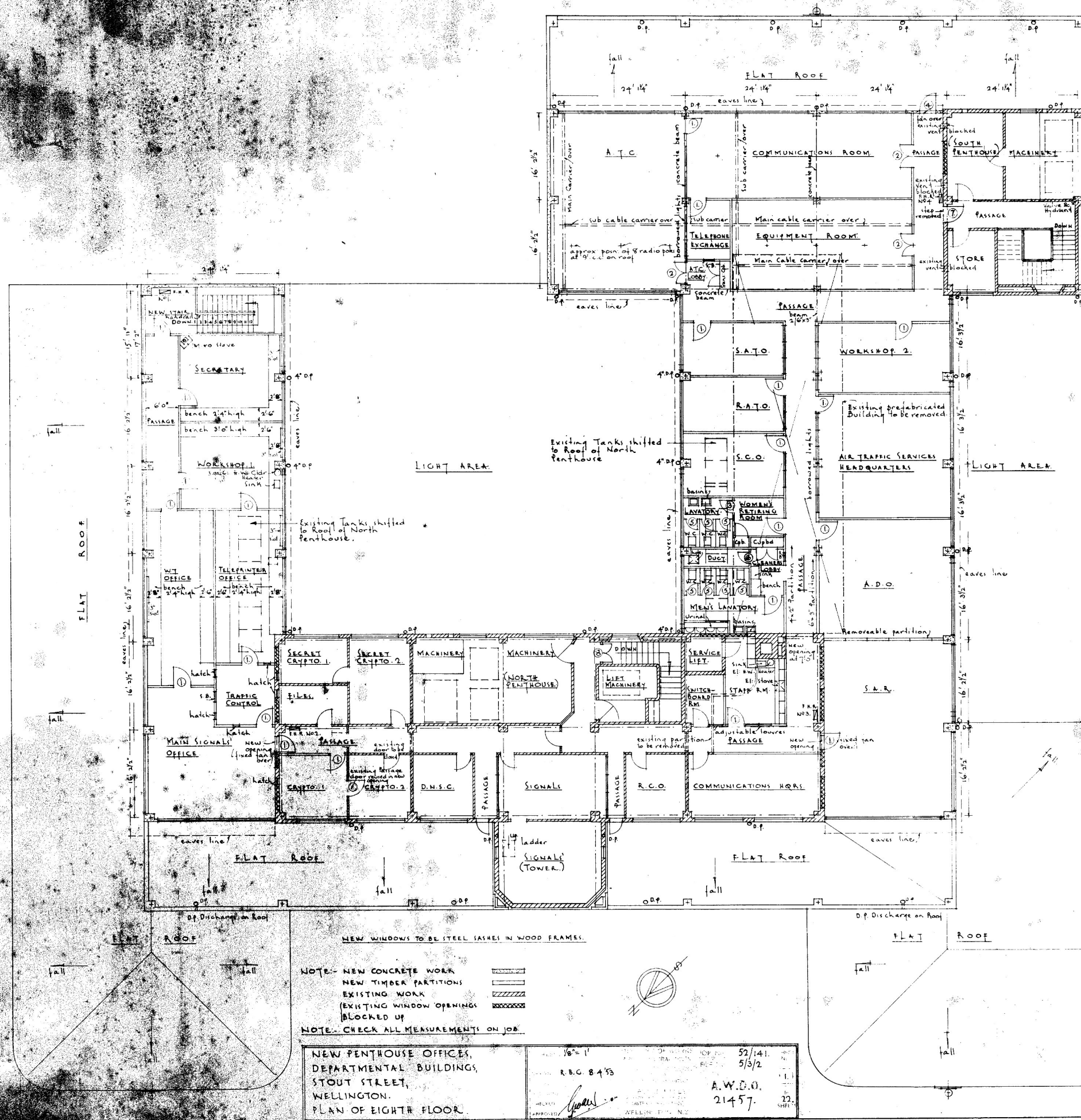
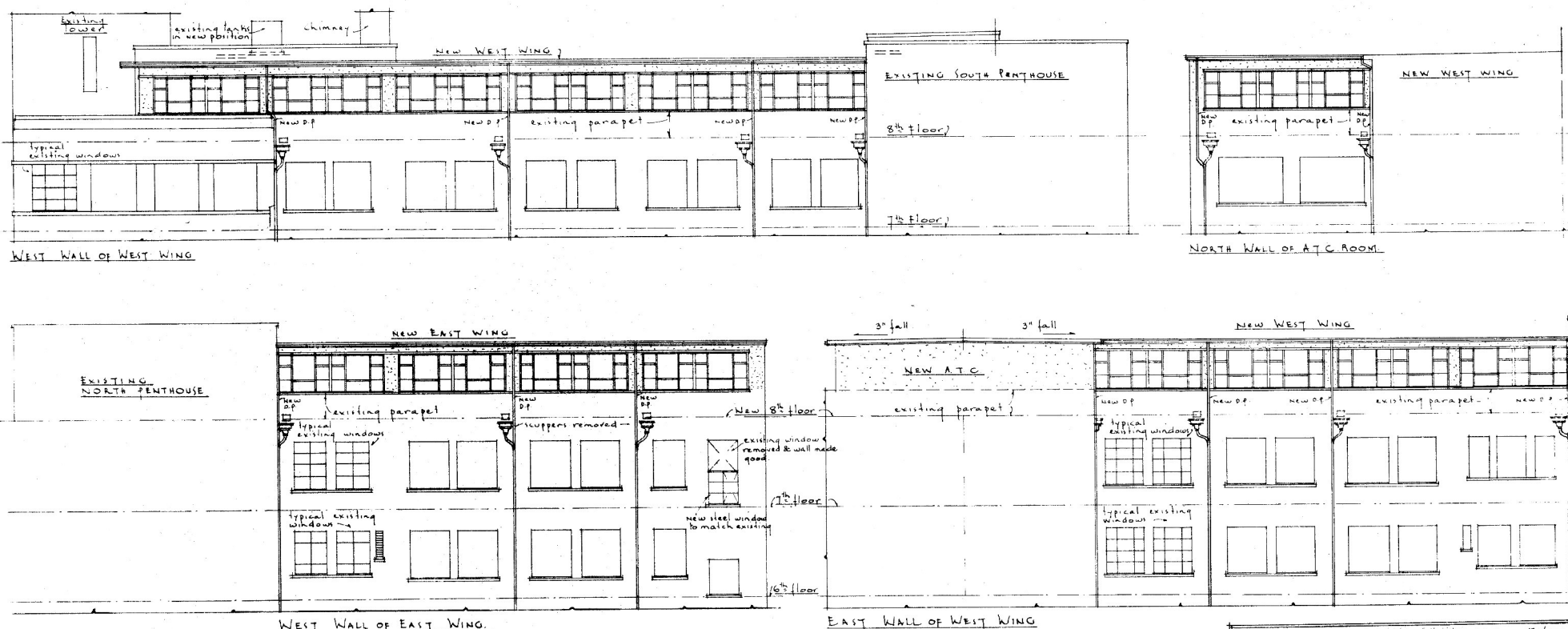
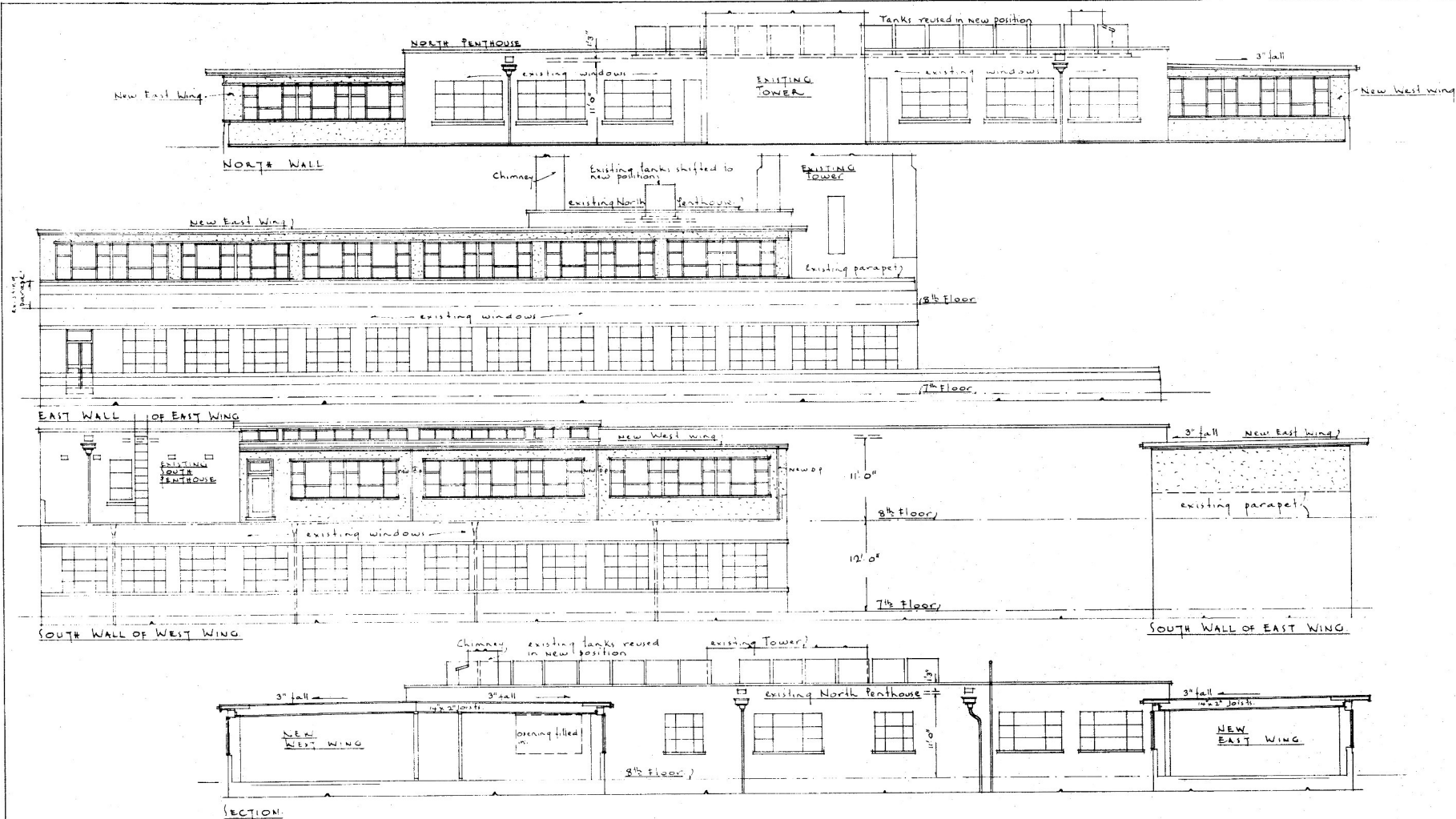






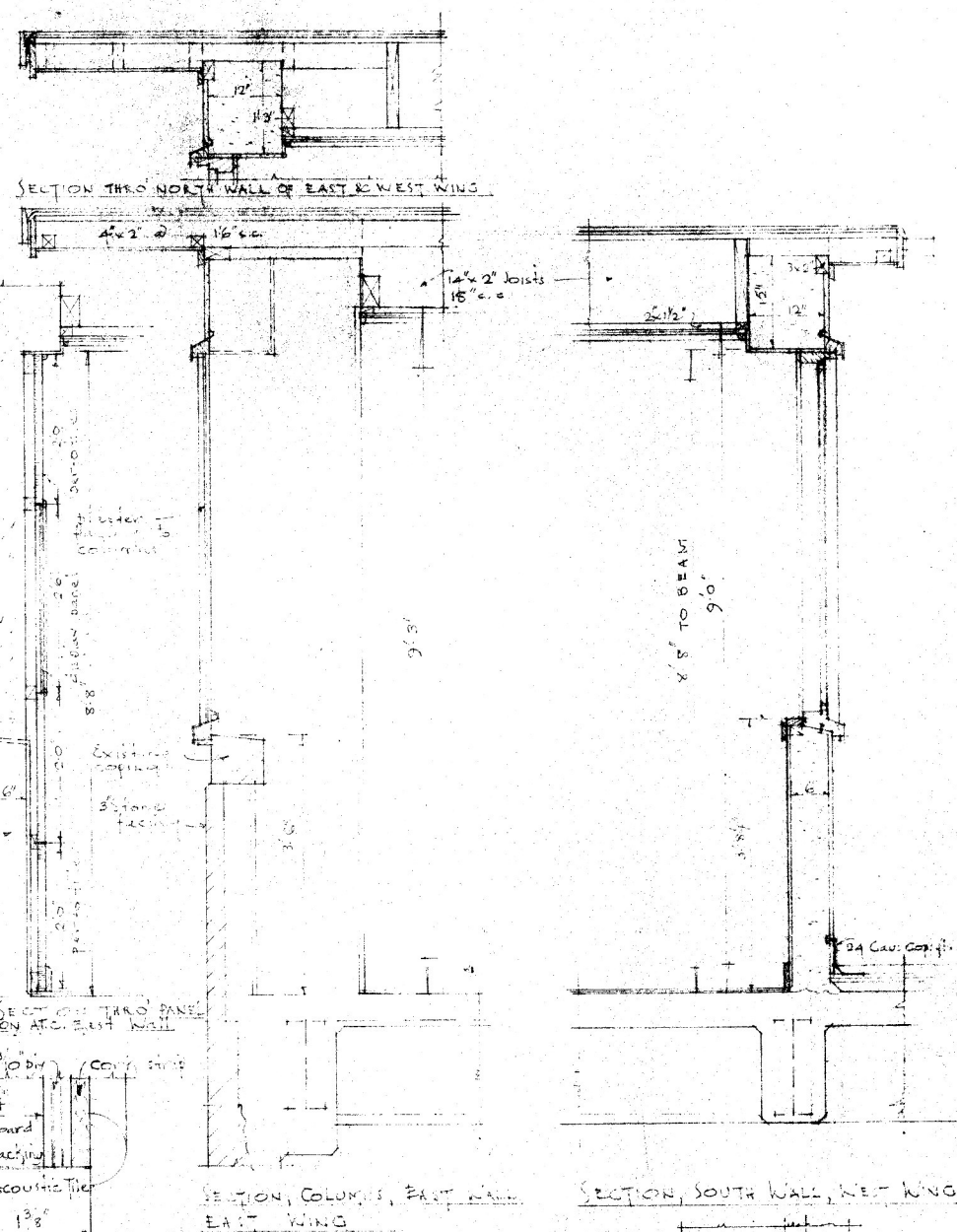
NOTE:
Opening portions
of windows shown
crossed diagonally.
TYPICAL WINDOW
(See section above)

NOTE:
Existing Scupper filled in and
existing R.W.H. removed where necessary.

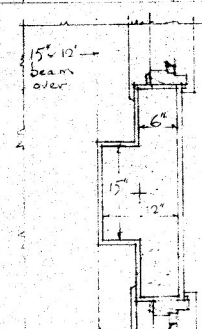
NOTE: CHECK ALL DIMENSIONS ON JOB

NEW PENTHOUSE OFFICES, DEPARTMENTAL BUILDINGS,
STOUT STREET, WELLINGTON;
ELEVATIONS & SECTION.

1/8" = 1' 52/141
R.B.G. 14.4.53 5/3/2
" 15.4.53
A.W.D.O.
21457 22

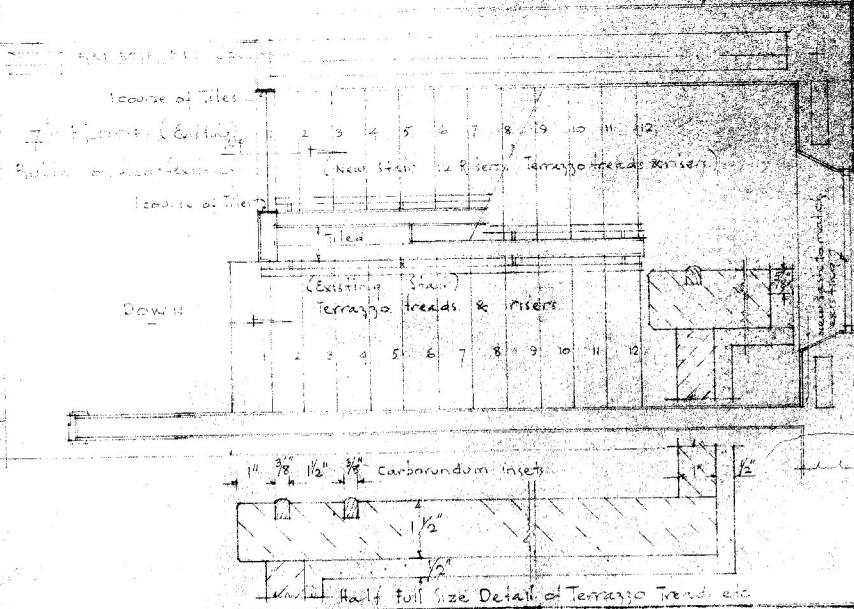
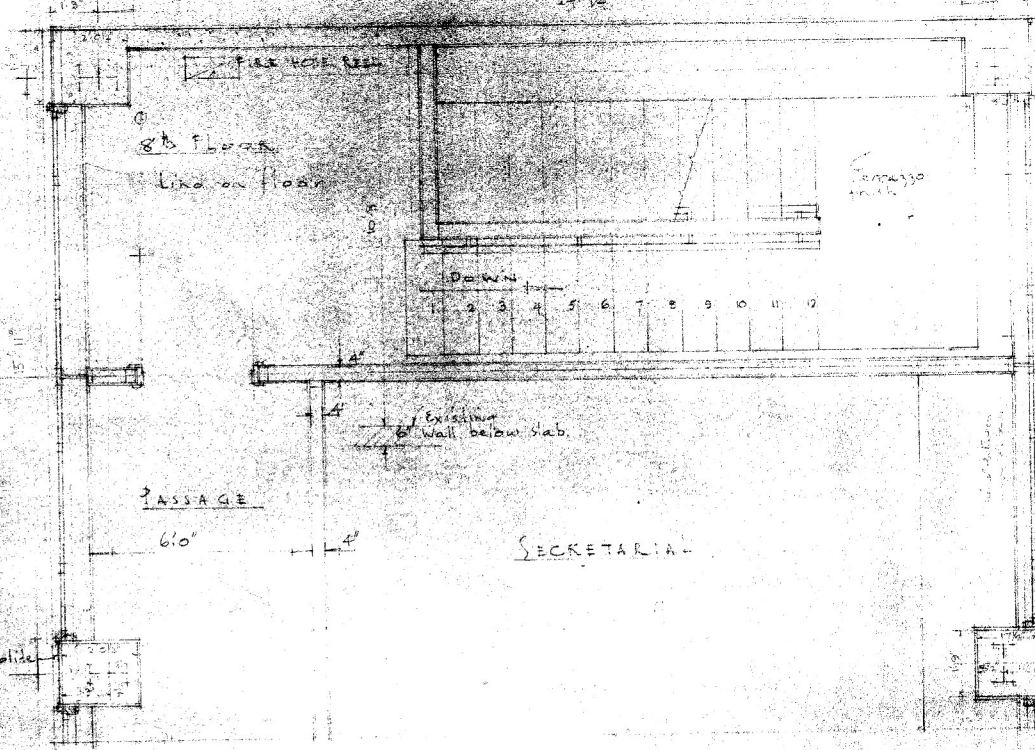
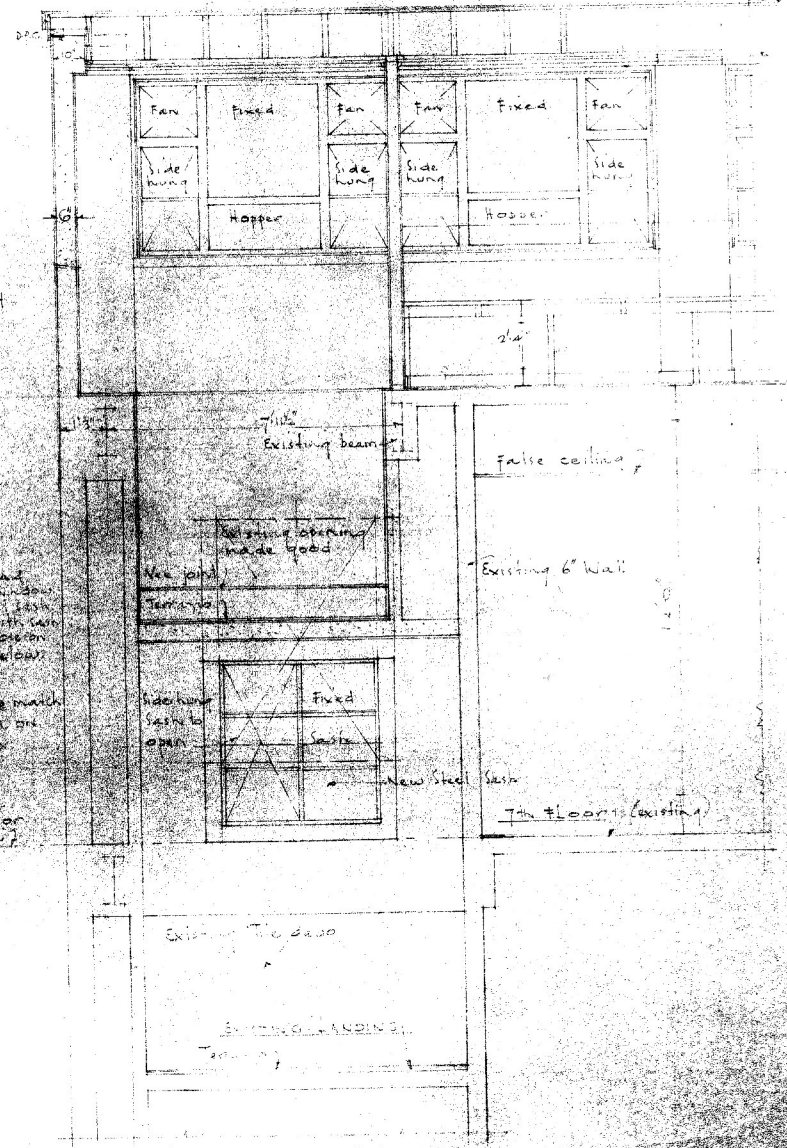


SECTION, SOUTH WALL, NEAR KING



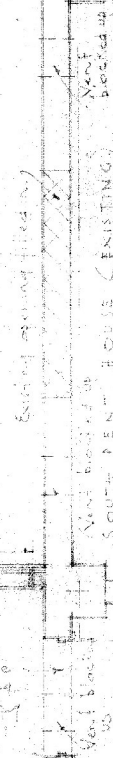
PLAN TYPICAL COLUMN
SOUTH WALL OF WEST WING

COPIES: 17 = 17	MINISTRY OF WORKS ARCHITECTURAL DIV N	JOB No 52/4	SHEET No
DRAWN: B.G. 3/53	BY: GORDON WILSON	FILE No 5/3/2	4
TRACED	GOVERNMENT ARCHITECT	A.V.D.C.	22
ADJUSTED: 2/4/53	J. BLAKE-KEELY	21457	SHEET
CHECKED: 	ARCHITECT GENERAL DISTRICT ARCHITECT		
APPROVED	WELLINGTON, N.Z.		

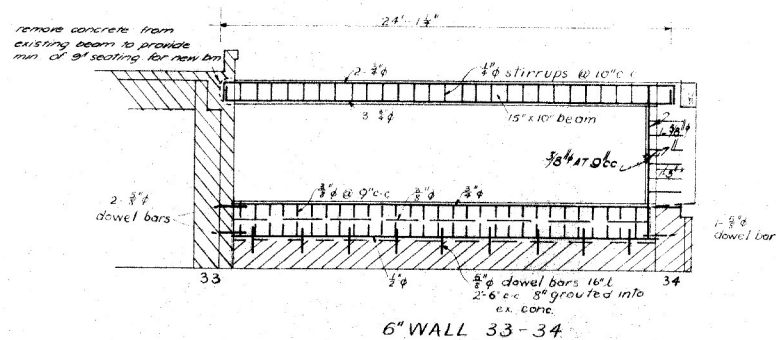
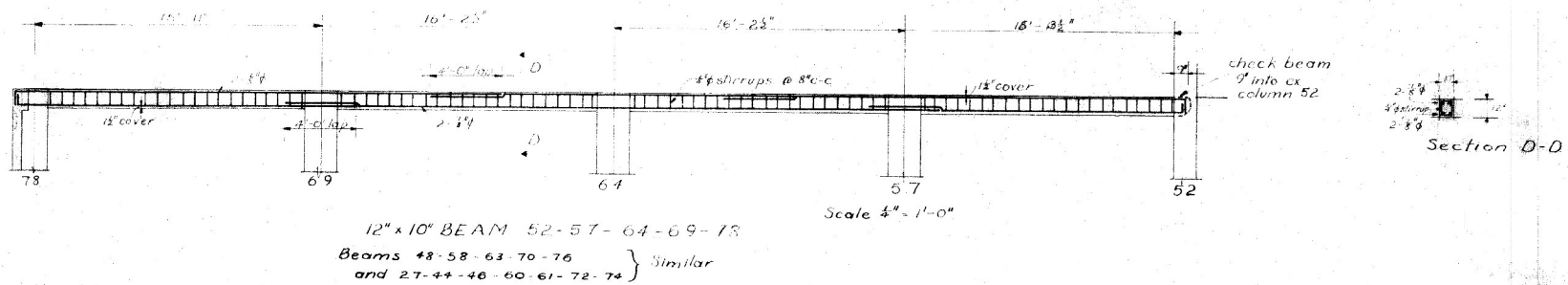
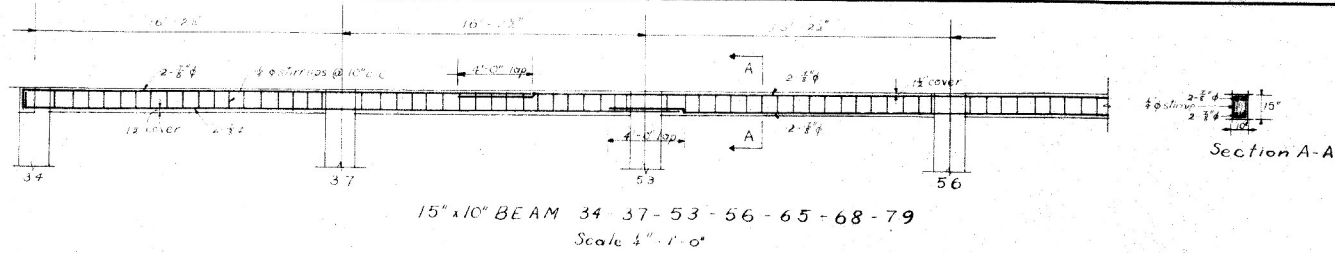


NEW PENTHOUSE OFFICES
DEPARTMENTAL BUILDINGS
STOUT STREET,
WELLINGTON.
EMERGENCY STAIR DETAIL

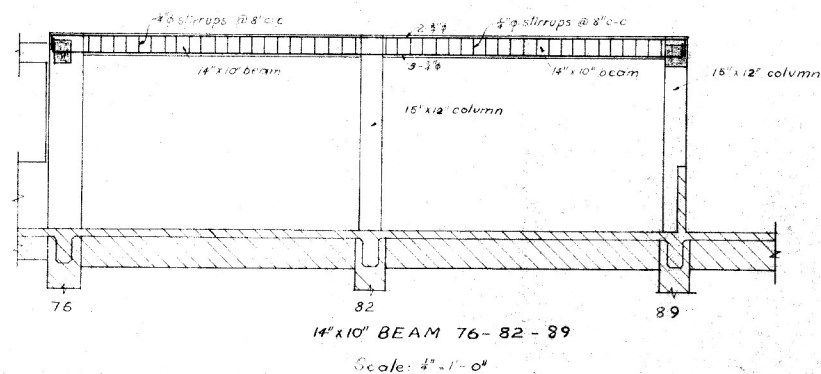
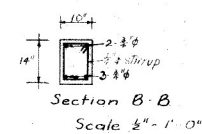
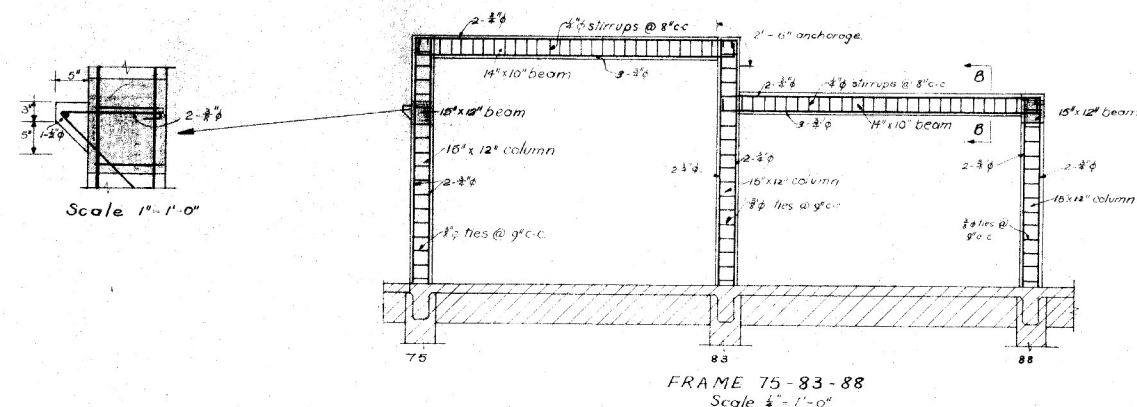
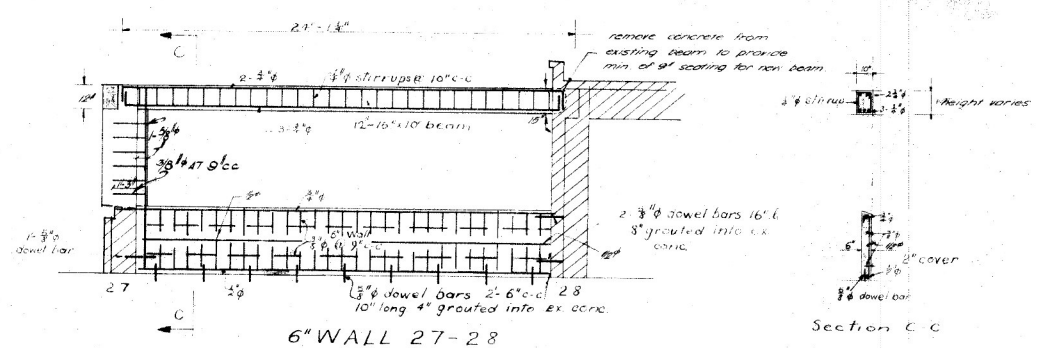
SCALES: 72x12 8 1/2" x 11" FULL SIZE DRAWN: R.B.G. 16235 TRACED: ADDITIONS: CHECKED: <i>hms</i> APPROVED:	MINISTRY OF WORKS ARCHITECTURAL DIV'N F. GORDON WILSON GOVERNMENT ARCHITECT 1. BLAKE-KELLY 2. A.W.D. 51 DISTRICT ARCHITECT WELLINGTON, N.Z.	JOB NO: 5214 FILE NO: 5214 5 22	SHEET
---	--	--	-------



1. NAME OF THE PROJECT 2. LOCATION 3. DATE 4. DRAWN BY 5. CHECKED BY 6. APPROVED BY	MINISTRY OF WORKS ARCHITECTURAL DIV. P. GOODMAN, AIA CONSULTING ARCHITECT 1. PROJECT NAME 2. LOCATION 3. DATE 4. DRAWN BY 5. CHECKED BY 6. APPROVED BY	JOB NO. 501-1-1 DATE 5-3-57 A.W.D.O. 21-4-57	SHEET No. 12 SHEET
--	---	---	-----------------------------



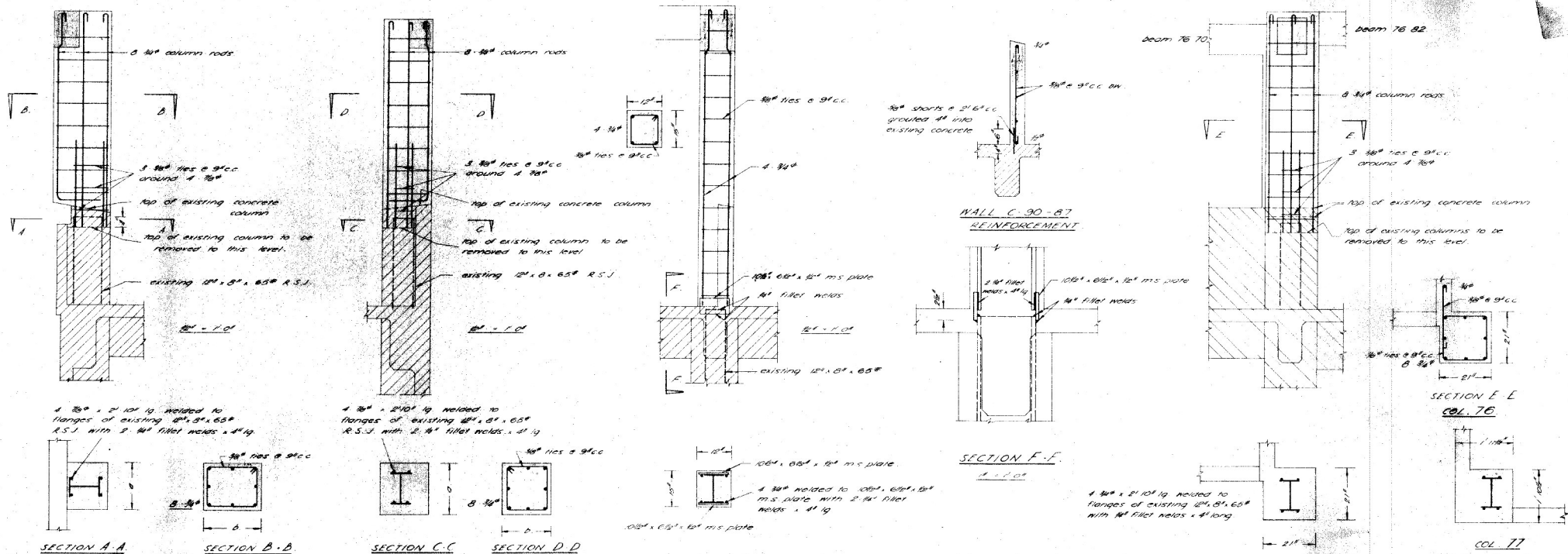
Scale 1/4" = 1'-0"



Note: Existing reinforced concrete shown hatched

NEW PENTHOUSE OFFICES
DEPARTMENTAL BLS STOUT ST
BEAMS AND WALLS

5/2/14
5/3/2
13.
21457 22.



Note: Columns along walls 34-79, 52-78, 79-76 and 27-74 with have (1/2" x 1/4") x 1/4" ribs to suit variations in column spacing and column sizes. Nibs of 1/4" or greater shall be reinforced with 1-#6 bar between grounds, bent 1-3" into column at both ends thus:

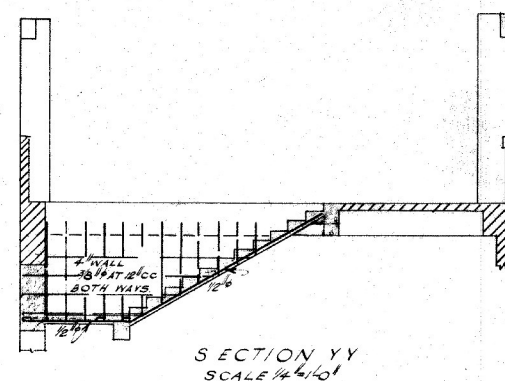
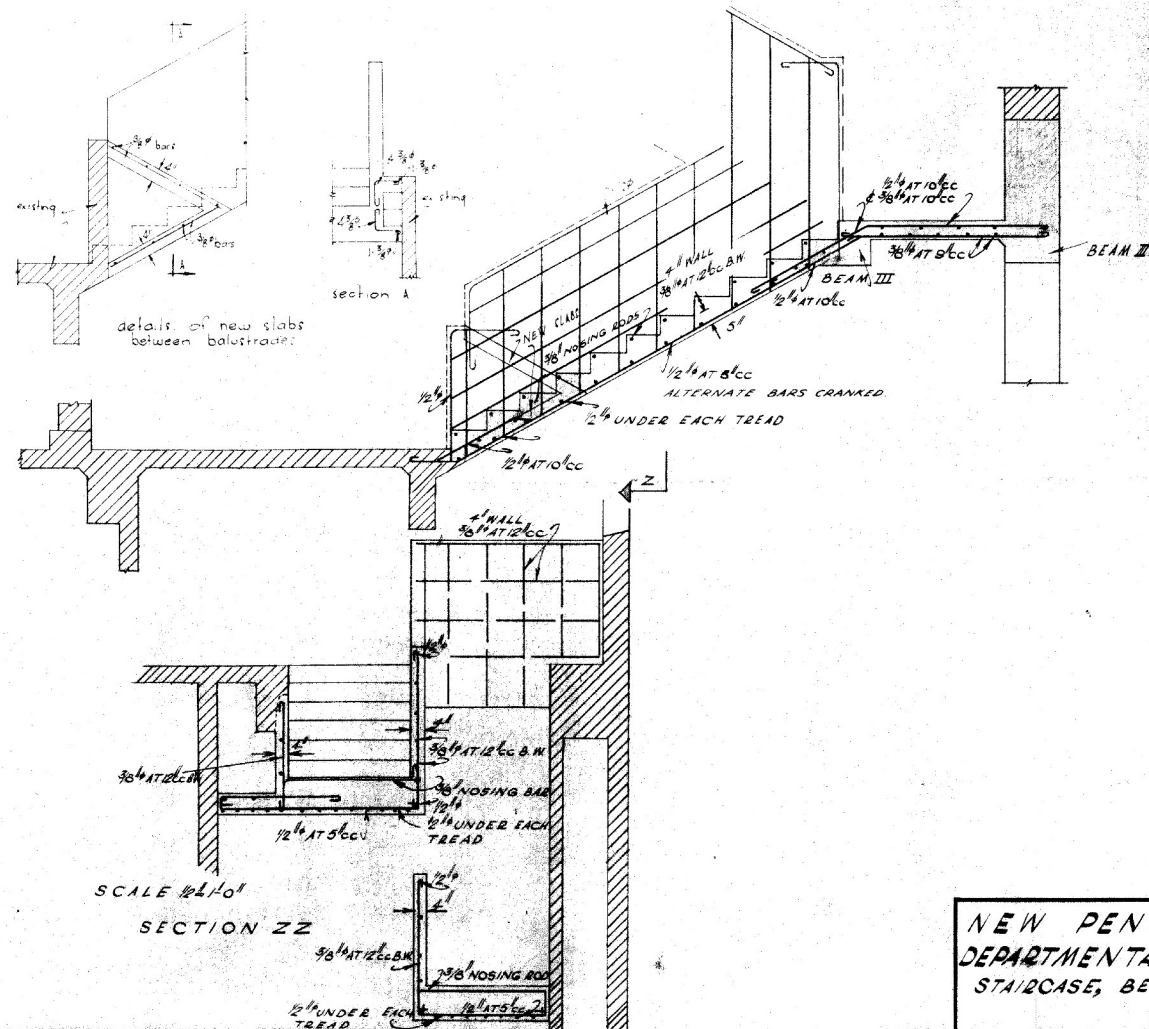
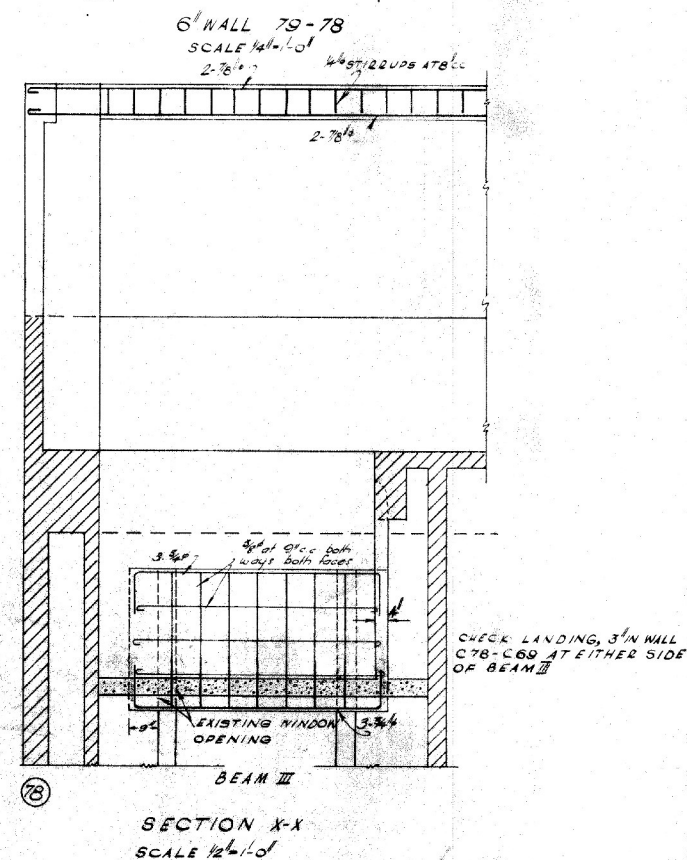
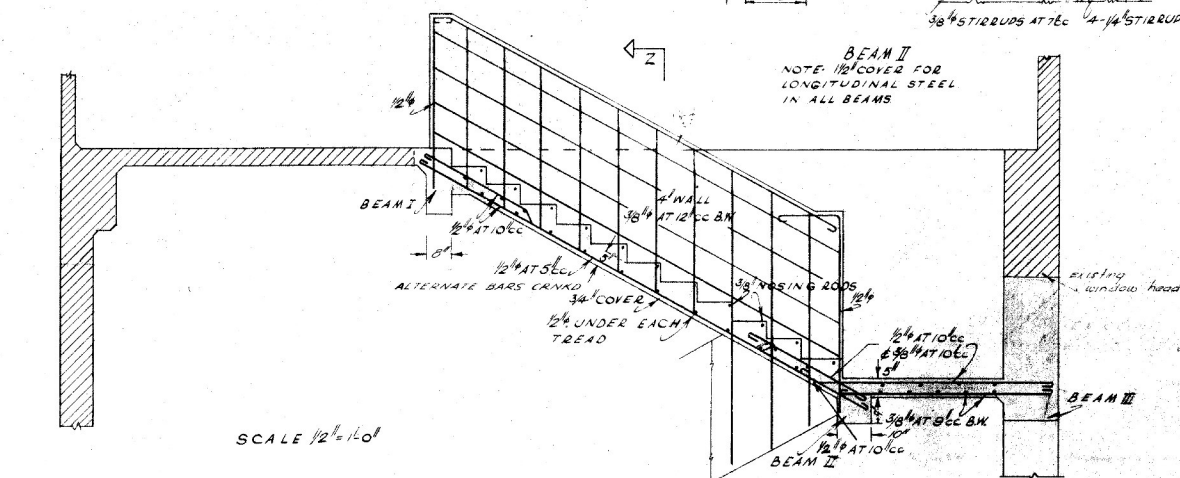
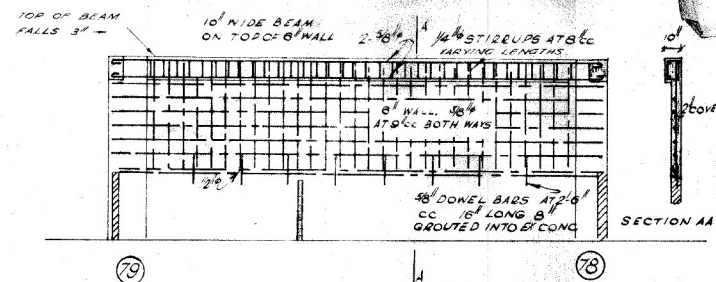
Note: All beams, bands and columns shall have 1/2" concrete cover to main steel.

Remove concrete from existing beam to provide min. of 4" seating for new beam.

Remove concrete from existing beam to provide min. of 4" seating for new beam.

Note: Existing concrete shown hatched.

NEW PENTHOUSE OFFICES DEPARTMENTAL BLDGS STOUT ST WGTN			
COLUMNS & WALLS			
SCALES	1/4" = 1' 0"	MINUTE OF WORKS	52 11/4
1/8" = 1' 0"			3/8 1/2
1/16" = 1' 0"			
21457			

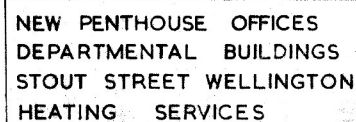


NOTE: EXISTING REINFORCED
CONCRETE SHOWN HATCHED

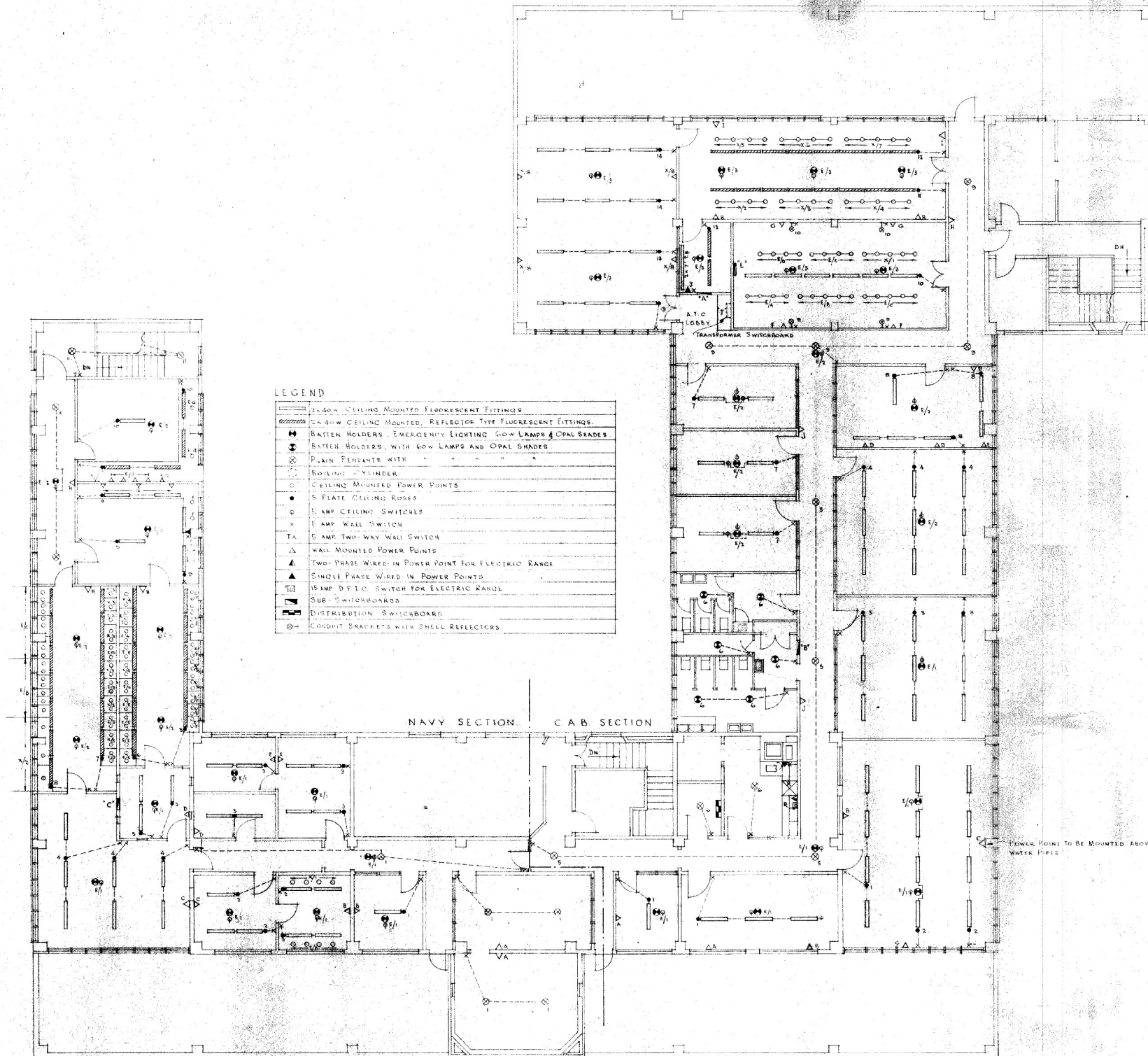
**NEW PENTHOUSE OFFICES
DEPARTMENTAL BLDGS STOUT ST
STAIRCASE, BEAMS, AND WALLS.**

DATE: 4/2/40	MINISTRY OF WORKS ARCHITECTURAL DIVN	GB No. 52/14	SHEET No.
DRAWN: H.P. Feb 33	T. CONDON, WELLINGTON	1/2 No. 5/3/2	15
CHECKED: G.S.K. Mch 33	GOVERNMENT ARCHITECT	A.W.D.O.	23
APPROVED:	J. BLAKE-KELLY DISTRICT ARCHITECT	21457	24
	WELLINGTON, N.Z.		

Note: Existing Risers, SdR, SdF, etc, terminate at the 7th Floor unless stated otherwise, and shall be taken up in existing sizes to required levels.
N.B Clear heights between Floors: 12 Feet

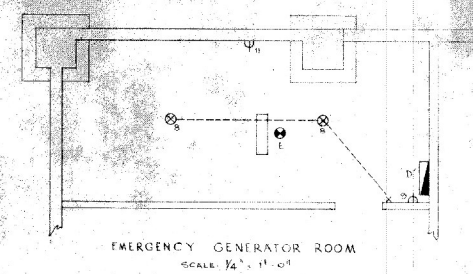


DATE: 1/6/1960	MINISTRY OF WORKS ARCHITECTURAL DIV.	JOB No. 52/41	SHEET No.
DESIGNED: Feb 53	E. GORDON WILSON ENGINEER	FILE No. 5/3/2	1/6
DRAWN: Mar 53	GOVERNMENT ARCHITECT	A.W.D.O.	
APPROVED: J.H.C. 2/53	J. BLANE KELLY J. ASH, J.B. COLE DISTRICT ARCHITECTS	21457	22
	WELLINGTON N.Z.		



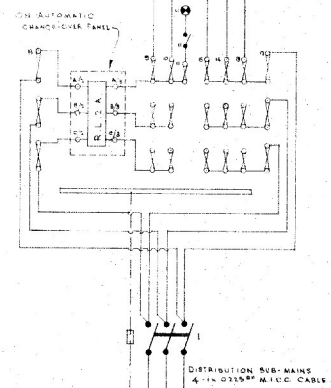
NEW PENTHOUSE OFFICES
DEPARTMENTAL BLDGS STOUT ST. WGIN
ELECTRICAL SERVICES -

1/8 1/0 52 1/41
5/5/4
17
A.V.D.O.
21457 22

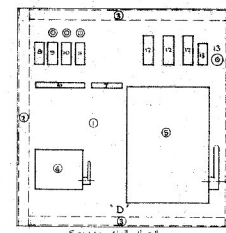


MAIN DISTRIBUTION SWITCHBOARD
SCHEDULE OF COMPONENTS

- 1 100 AMP "GENCO" MAIN SWITCH
- 2 8 X 6X25 #14 M.I.C.C. CABLE PANEL ENTRY MAINS FOR EMERGENCY LOAD
- 3 4 K. 0-75% "NON EMERGENCY LOAD"
- 4 1 1/4" x 1/4" x 1/4" ANGLE IRON WALL BRACKETS WELDED AT CORNERS
- 5 1 1/4" x 1/4" S'S BRACES, WELDED TO BRACKETS
- 6 3' 0" x 2' 0" x 1/4" "SINDAYO" PANEL
- 7 NEUTRAL BUS BAR
- 8 40 AMP H.R.O. MAIN FUSES (FUSE 20AMPS) FOR EMERGENCY LOAD. SEE STANDARD DRAWINGS A.M. 72 & B.S.I.
- 9 30 AMP H.R.O. FUSES (FUSE 20 AMPS) FOR EMERGENCY SUB-MAINS TO SUB-SWITCHBOARD 'A' (C.A.B. SECTION)
- 10 30 AMP H.R.O. FUSES (FUSE 15 AMPS) FOR EMERGENCY LOAD SUB-MAINS TO SUB-SWITCHBOARD 'B' (NAVY SECTION)
- 11 1 AMP FUSE TUMBLER SWITCH AND BATTERY HOLDER, EMERGENCY LIGHT
- 12 40 AMP H.R.O. MAIN FUSES FOR NON EMERGENCY LOAD
- 13 30 AMP H.R.O. FUSES (FUSE 20AMPS) FOR NON EMERGENCY LOAD SUB-MAINS TO SUB-SWITCHBOARD 'A' (C.A.B. SECTION)
- 14 30 AMP H.R.O. FUSES (FUSE 20AMPS) FOR NON EMERGENCY LOAD SUB-MAINS TO SUB-SWITCHBOARD 'B' (C.A.B. SECTION)
- 15 30 AMP H.R.O. FUSES (FUSE 20AMP) FOR NON EMERGENCY LOAD SUB-MAINS TO SUB-SWITCHBOARD 'C' (NAVY SECTION)
- 16 1/2" x 1/2" HARDWOOD SHEET SECURED TO FACE OF PANELS WITH BRACKETS
- 17 6" x 2" 0" AUTOMATIC CHANGE-OVER PANEL SEE STANDARD DRAWINGS A.M. 72 & B.S. 01.

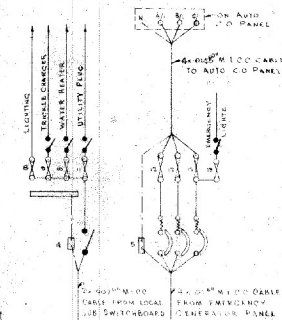


WIRING DIAGRAM OF DISTRIBUTION SUB-SWITCHBOARD
NOT TO SCALE
NOTE: THE POSITIONING OF CIRCUIT BREAKERS MAY BE
VARIABLE TO SUIT SIZE, BUT THE PHASING OF ALL CIRCUITS,
AS SHOWN IN DIAGRAM MUST BE STRICTLY ADHERED TO.

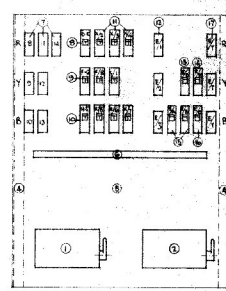


EMERGENCY GENERATOR DISTRIBUTION SWITCHBOARD* D

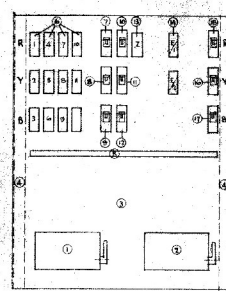
LEGEND	
1	$\frac{1}{2} \times \frac{1}{8} \times \frac{7}{8}$ " "SINDAWO" PANEL
2	$\frac{1}{4}" \times \frac{1}{4}" \times \frac{1}{4}"$ ANGLE IRON WALL BRACKETS WELDED AT CORNERS
3	$\frac{1}{2} \times \frac{1}{4}"$ FLAT M.S BRACES WELDED TO BRACKETS
4	50 AMP S.P.N.C SWITCH FOR SUPPLY FROM SUB-PANEL IN MAIN SWITCHBOARD ROOM
5	20 AMP T.P.N.C (TYPE DMS OR AS O.E.A. OR SIMILAR APPROVED) A.C.R. COMPLETE WITH 16 TO 20AMP A.L.U TRIP COILS ON ALL 3 PHASES (SEE AT 46 AMP) FOR EMERGENCY GENERATOR
6	NEUTRAL BUS BAR FOR LOCAL SINGLE PHASE SUPPLY
7	NEUTRAL BUS BAR FOR EMERGENCY GENERATION SUPPLY
8	5 AMP FUSE FOR LIGHTING CIRCUIT IN ENGINE-GENERATOR ROOM
9	3 AMP FUSE AND TUMBLER SWITCH FOR TRUCKLE CHARGER PLUG CIRCUIT
10	" " " " WATER HEATER IN ENGINE WATER COOLING SYSTEM
11	5 AMP FUSE AND TUMBLER SWITCH FOR UTILITY PLOG POINT IN ENGINE-GENERATOR ROOM
12	20 AMP FUSES FOR EMERGENCY SUPPLY MAINS TO PENTHOUSE.
13	1 AMP FUSE AND TUMBLER SWITCH FOR EMERGENCY LIGHT IN ENGINE-GENERATOR ROOM



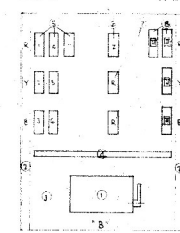
WIRING DIAGRAM OF EMERGENCY GENERATOR
DISTRIBUTION SWITCHBOARD
NOT TO SCALE



SUB-SWITCHBOARD "A"
SCHEDULE OF COMPONENT

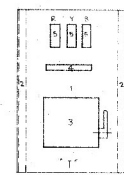
[illegible]

SUB- SWITCHBOARD 'C'

[illegible]

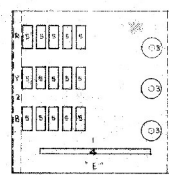
SUB-SWITCHBOARD "B"

SCHEDULE OF COMPONENTS FOR SUB-SWITCHBOARD "B"	
1	30 AMP T.P. & I.C. MAIN SWITCH FOR NON EMERGENCY POWER & LIGHTING CIRCUITS
2	1/4" x 1/4" M.S. WALL BRACKETS
3	2 - 0" x 1-6" x 9/8" - SINDANYO* PANEL
4	NEUTRAL BUS-BAR
5	5 AMP FUSES FOR NON EMERGENCY LIGHTING CIRCUITS
6	10 AMP FUSE FOR NON EMERGENCY ELECTRIC BOILING CYLINDER
7	15 AMP FUSES FOR NON EMERGENCY ELECTRIC RANGE
8	2 1/2 AMP T.M.C.B.'s FOR NON EMERGENCY PLUG CIRCUITS A.B.C. & D



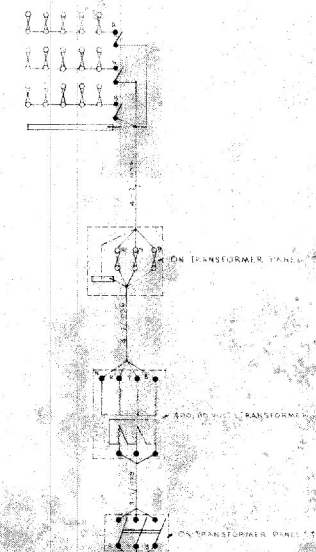
TRANSFORMER SWITCHBOARD "Y"

SCHEDULE OF COMPONENTS:	
1	1" $\times$ 6" $\times$ 1/8" $\times$ 3/8" "SINDENYO" PANEL
2	1" $\times$ 6" M.S. WALL BRACKETS
3	4 AMP. T.P.C. TRANSFORMER SWITCH
4	NEUTRAL BUS-BAR FOR SECONDARY SIDE OF TRANSFORMER.
5	15 AMP FUSES FOR 300-MAINS TO EQUIPMENT
	300- SWITCHBOARD 'E'



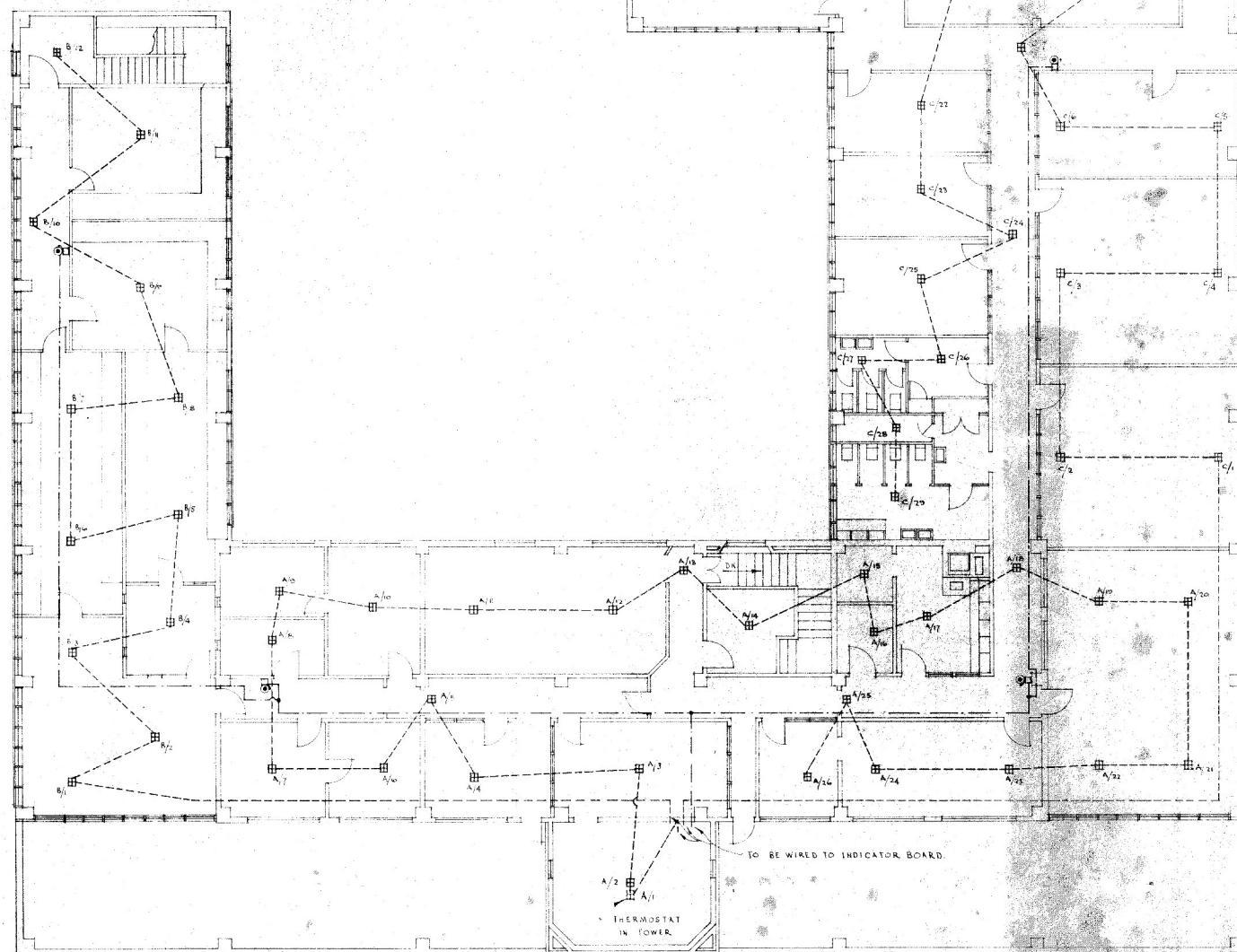
EQUIPMENT SWITCHBOARD "E"

SCHEDULE OF COMPONENTS.	
1	1' 6" x 1' 6" x 3/8" "SINDANYO" PANEL
2	18 x 14" M.S WALL BRACKETS
3	15 AMP S.P. EQUIPMENT CONTROL SWITCHES
4	NEUTRAL BUS BAR
5	3 AMP FUSES FOR EQUIPMENT



3-7/524 FROM PAGES ON SUB-PANEL "A"

WIRING DIAGRAM OF TRANSFORMER SWITCHBOARD TO
400/HC 9811 TRANSFORMER AND EQUIPMENT ROOM
SWITCHBOARD E-5



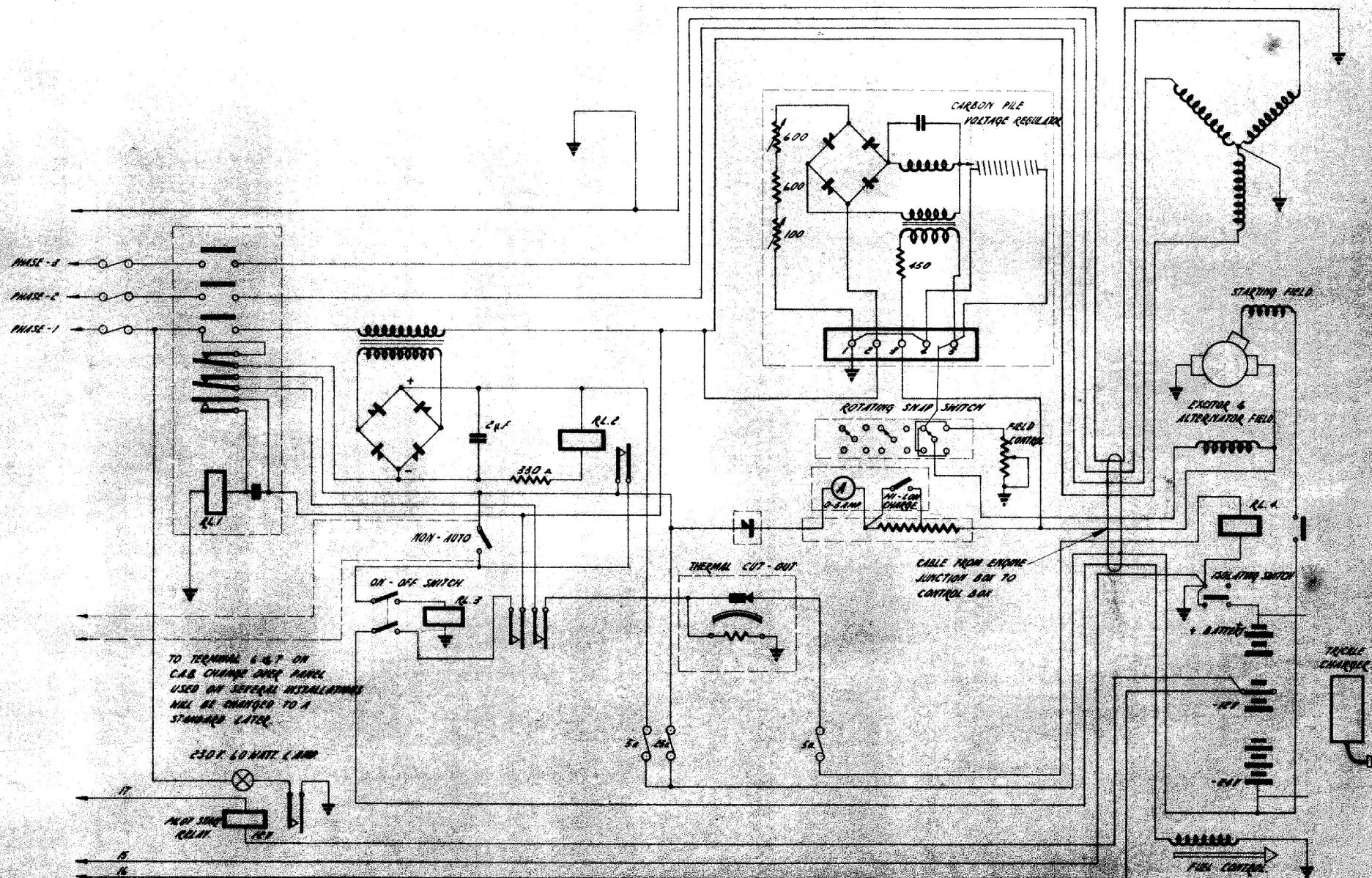
LEGEND

	THERMOSTAT
	THERMOSTAT IN ROOF
	ALARM BELL

INDICATOR BOARD

A	NORTH WING
B	EAST WING
C	WEST WING

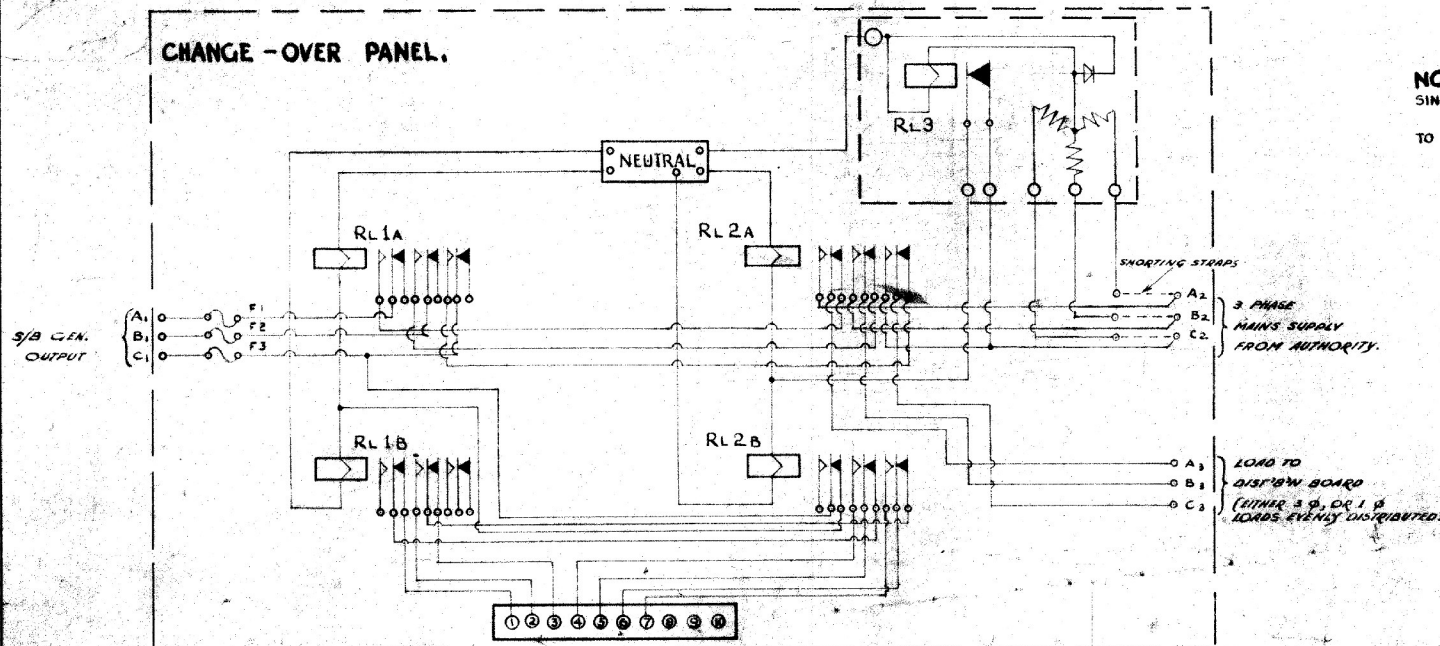
NEW PENTHOUSE OFFICES
DEPARTMENTAL BLDGS STOUT ST WGIN
FIRE ALARM SERVICES



PROPOSED METHOD OF CONNECTING C.A.B. AUTO START PANEL TO HORIZON 5 CONTROL GEAR, NOT ON THE HORIZON UNIT AS A STANDARD ITEM.

AIR DEPARTMENT - CIVIL AVIATION BRANCH				HORIZON 5 TIA DIESEL - ELECTRIC GENERATOR	
AIRWAYS DIVISION					
ISSUE	AMENDMENT	APPROVAL DATE	OWNERS REF. NO.	DRAWN	APPROVED SCALE
1	ORIGINAL			J.H.	
				TRACED	
				CHECKED	
				DATE	A.S. 300

CHANGE - OVER PANEL.

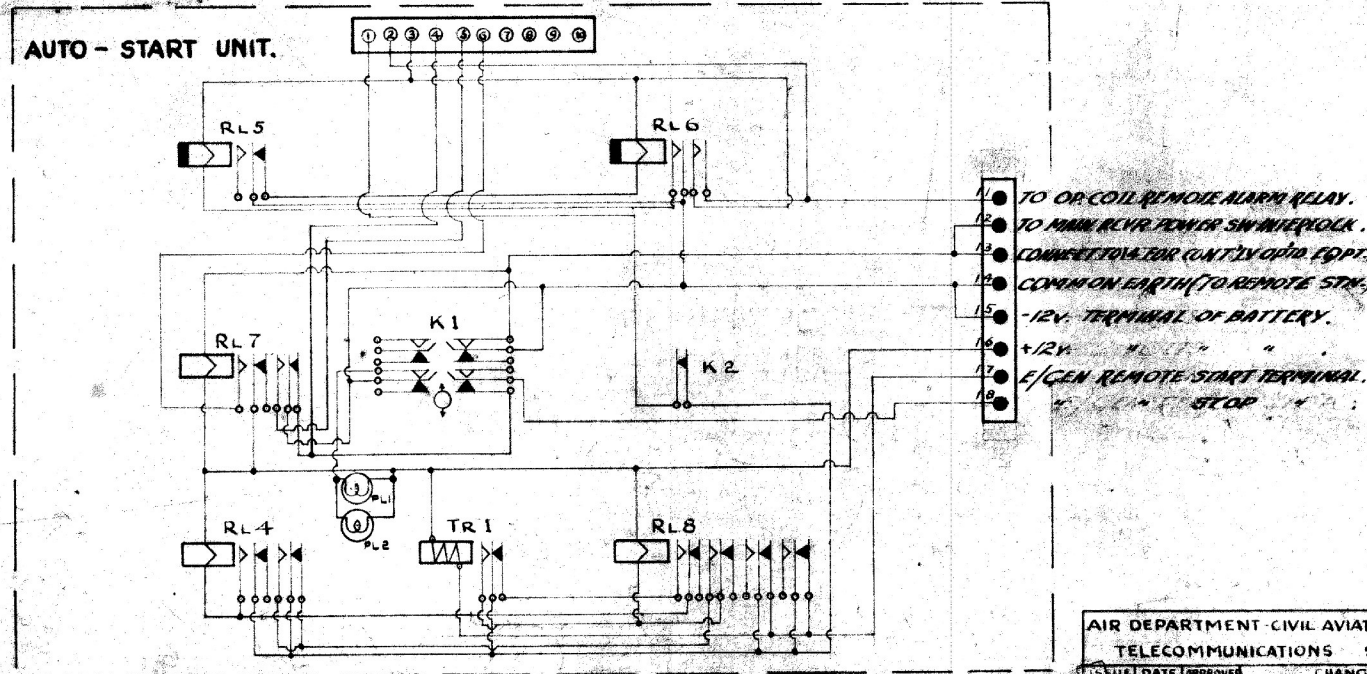


NOTE: WHERE NO 3 PHASE EQUIPMENT IS IN OPERATION & WHERE SINGLE PHASE STANDBY GENERATOR IS PROVIDED, THE PHASE CONNECTION FROM THE GENERATOR SHOULD BE CONNECTED TO A₁, B₁, & C₁.

C/O PANEL

	DESCRIPTION	TYPE	STOCK NO.
RL 1A	3 MAKE, 3 BREAK, 20 AMP. CONTACTS, 230V OPERATED.	IGRANIC 331/32	
RL 1B	3 C/O 230V OPERATED.		
RL 2A	3 MAKE, 3 BREAK, 20AMP. CONTACTS, 230V OPERATED.	IGRANIC 331/32	
RL 2B	3 C/O 230V OPERATED.		
RL 3	PHASE FAILURE RELAY		

AUTO - START UNIT.



AUTO-START UNIT

	DESCRIPTION	TYPE	STOCK NO.
RL 4	2000 OHM. C/O SPRING + 1 C/O MERCURY CUP	B.P.O. 3000	
RL 5	2000 OHM. 1 BREAK, SLOW RELEASE	B.P.O. 3000	
RL 6	2000 OHM. 2 BREAK, SLOW RELEASE	B.P.O. 3000	
RL 7	2000 OHM. 2 C/O	B.P.O. 3000	
RL 8	2000 OHM. 4 C/O	B.P.O. 3000	
TR 1	12V THERMAL DELAY, 1 C/O		
K 1	KEY SWITCH	B.P.O.	
K 2	SPRING KEY, 1 BREAK		

AIR DEPARTMENT - CIVIL AVIATION BRANCH
TELECOMMUNICATIONS SECTION.

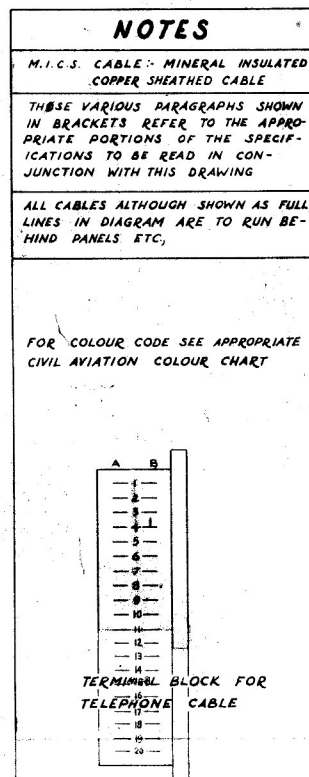
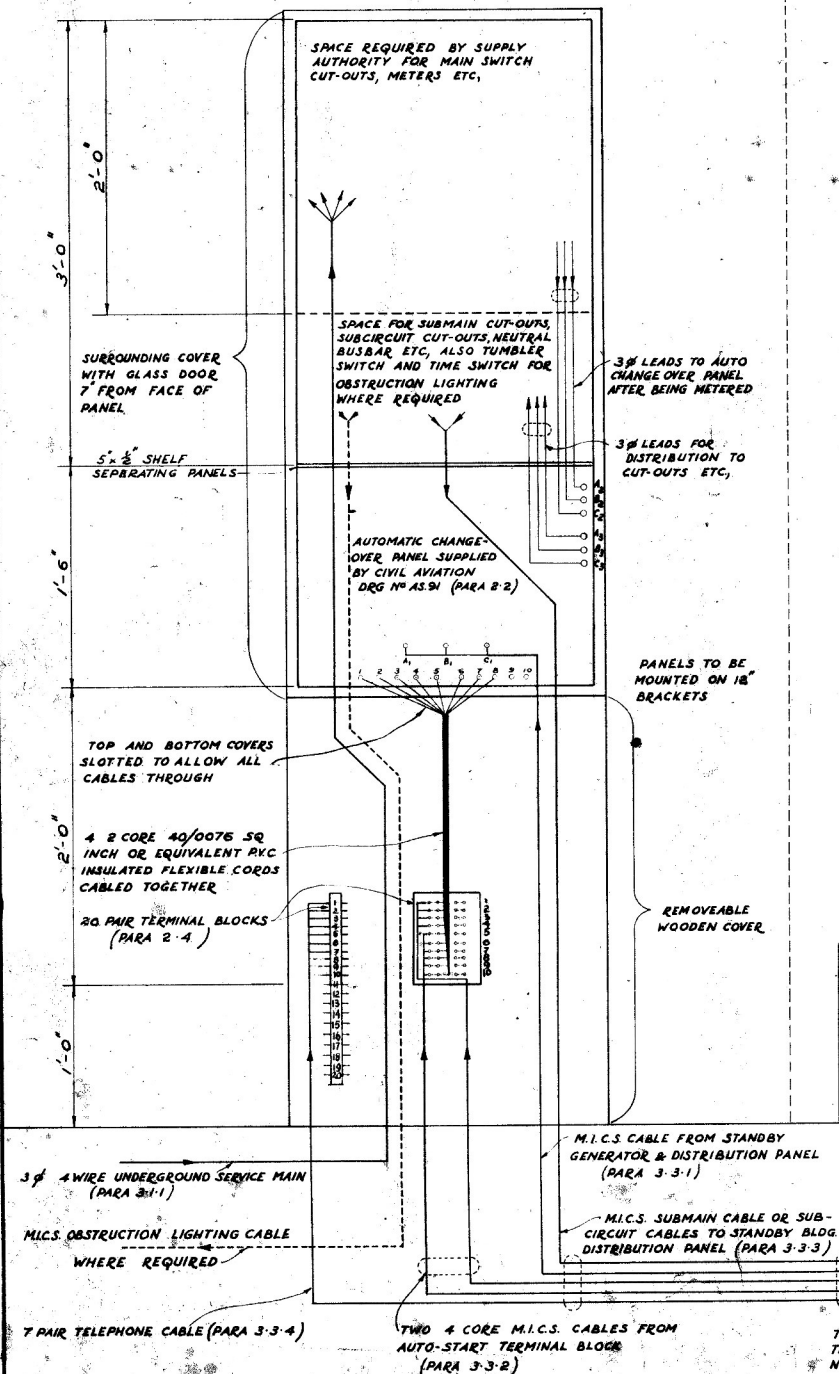
AUTOMATIC START & CHANGE-OVER UNIT.

DATE	APPROVED	CHANGE
19/12/52		Shorting Straps - JAGS/TAL
20/12/52		20 Amp Terminal Strip - JAGS/TAL
21/12/52		20 Amp Terminal Strip - JAGS/TAL

DESIGN SECTION	DESIGNED: J.L.G. CHECKED: J.B. DRAWN: D.J.L. APPROVED: K.M.	AS.91
----------------	--	-------

EQUIPMENT THIS SIDE OF
DOTTED LINE LOCATED IN
MAIN BUILDING

EQUIPMENT THIS SIDE OF
DOTTED LINE LOCATED IN
STANDBY BUILDING



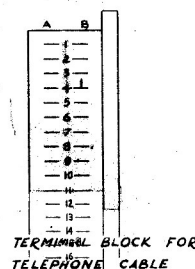
NOTES

M.I.C.S. CABLE - MINERAL INSULATED
COPPER SHEATHED CABLE

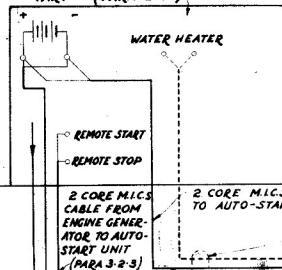
THESE VARIOUS PARAGRAPHS SHOWN
IN BRACKETS REFER TO THE APPROPRIATE
PORTIONS OF THE SPECIFICATIONS
TO BE READ IN CONJUNCTION WITH THIS DRAWING

ALL CABLES ALTHOUGH SHOWN AS FULL
LINES IN DIAGRAM ARE TO RUN BEHIND
PANELS ETC.

FOR COLOUR CODE SEE APPROPRIATE
CIVIL AVIATION COLOUR CHART



ENGINE GENERATOR
NOT TO SCALE AS TYPE WILL
VARY (PARA 2.1.1)



THESE CABLES TO BE BURIED DIRECTLY IN THE GROUND IN A COMMON
TRENCH AND PROTECTED FROM MECHANICAL DAMAGE WHERE REQUIRED.
NO BOXING IS TO BE USED UNLESS SPECIFIED

APPROVED FOR
HEAD OFFICE AUG 1960

AIR DEPARTMENT-CIVIL AVIATION TELECOMMUNICATIONS SECTION		STANDARD INSTALLATIONS INTERWIRING BETWEEN BLDGS
DESIGN	CHANGE	DESIGN
DATE	DATE	DATE
BY	BY	BY
FOR	FOR	FOR
AM 72	AM 72	AM 72