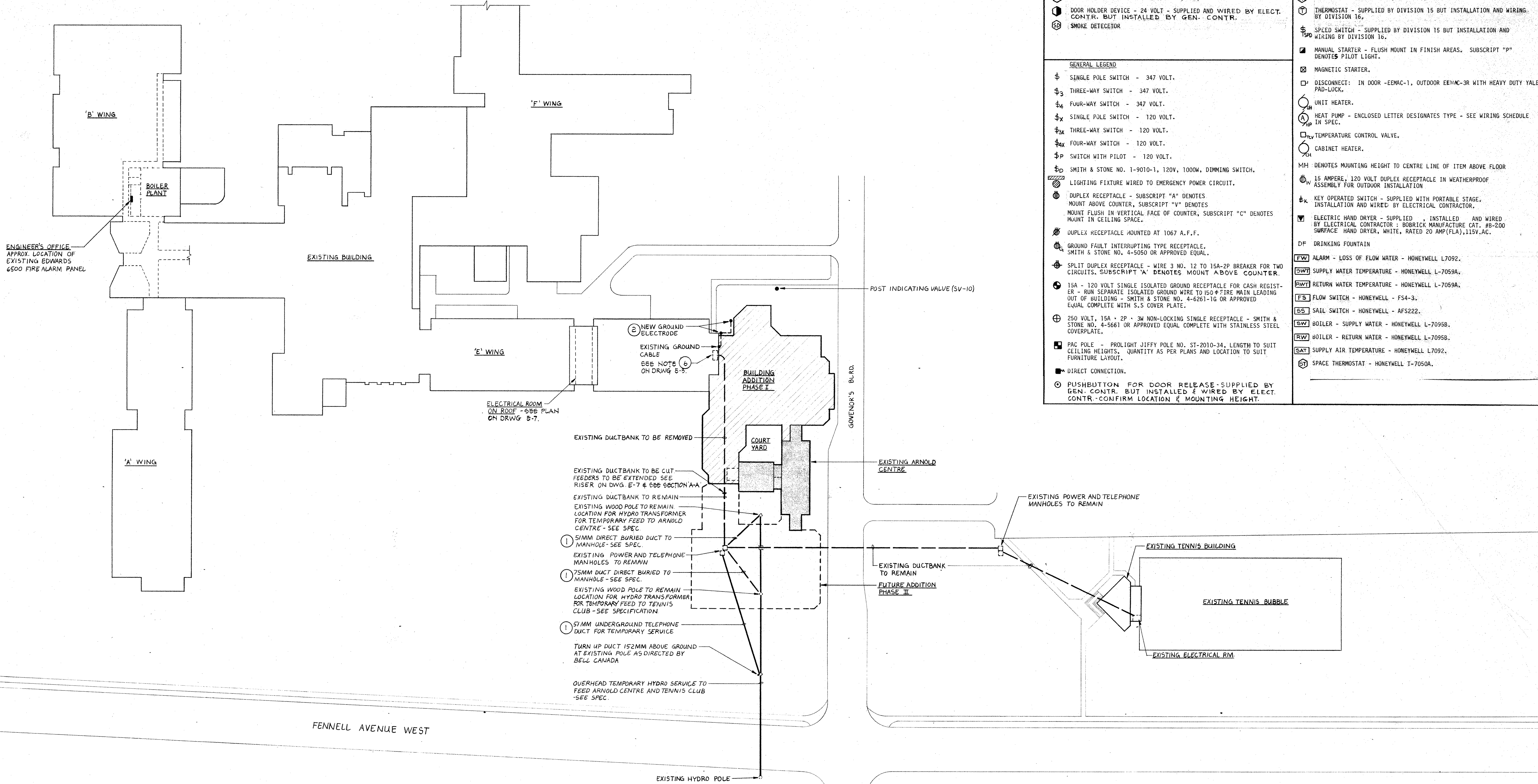
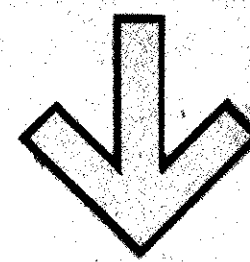
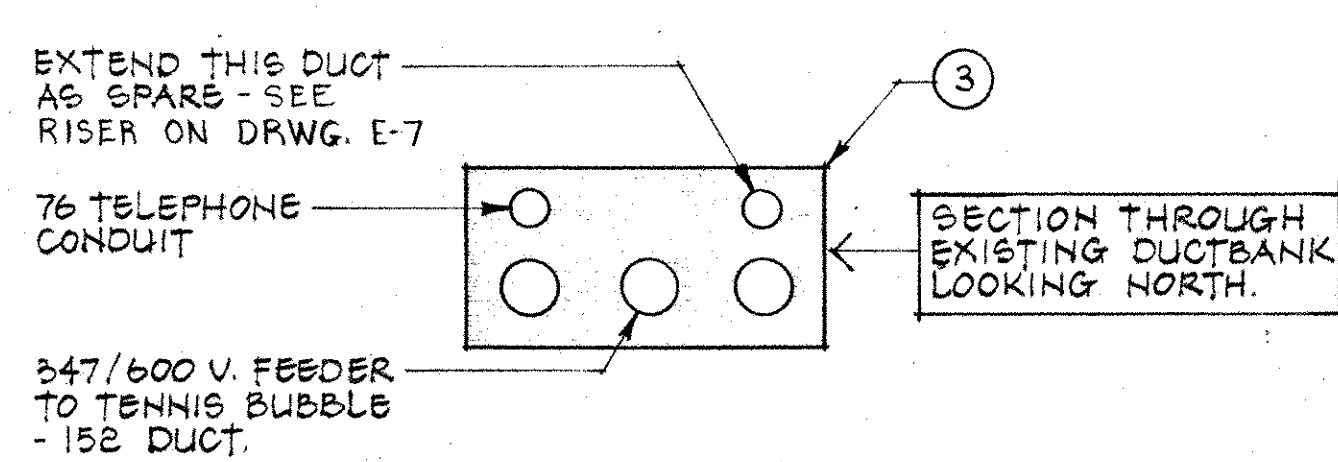


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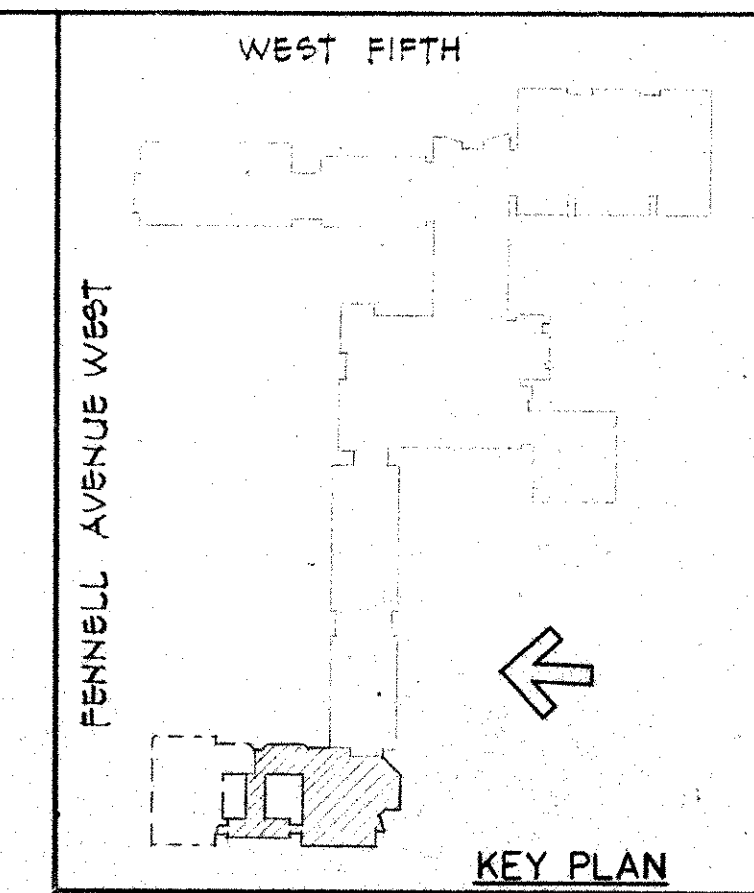
- FIRE ALARM LEGEND**
- Ⓜ MANUAL FIRE ALARM STATION - M.H. 1450 TO CENTER LINE.
 - Ⓝ THERMAL DETECTOR 57°C FIXED TEMP. AND RATE OF RISE TYPE.
 - Ⓞ THERMAL DETECTOR 57°C FIXED TEMP. TYPE.
 - Ⓟ THERMAL DETECTOR 88°C FIXED TEMP. TYPE.
 - Ⓠ FIRE ALARM HORN.
 - Ⓡ END-OF-LINE RESISTOR - M.H. 1830 (MAX.)
 - Ⓢ DOOR HOLDER DEVICE - 24 VOLT - SUPPLIED AND WIRED BY ELECT. CONTR. BUT INSTALLED BY GEN. CONTR.
 - Ⓣ SMOKE DETECTOR
 - Ⓤ FLUSH WALL CLOCK (SEE SPEC.)
 - Ⓥ WALL MOUNTED DOUBLE FACE CLOCK (SEE SPEC.)
 - Ⓦ DOOR SECURITY CONTACT.
 - Ⓧ MOTION DETECTOR - NUMBER OF ARROWS INDICATED NUMBER OF DIRECTIONS.
 - Ⓨ OUTLET BOX FOR FUTURE VOLUME CONTROL (SEE SPEC.) - M.H. 1372.
 - Ⓩ VIDEO-AUDIO OUTLET BOX (SEE SPEC.) M.H. 457.
 - ⓐ THERMOSTAT - SUPPLIED BY DIVISION 15 BUT INSTALLATION AND WIRING BY DIVISION 16.
 - ⓑ SPEED SWITCH - SUPPLIED BY DIVISION 15 BUT INSTALLATION AND WIRING BY DIVISION 16.
 - ⓓ MANUAL STARTER - FLUSH MOUNT IN FINISH AREAS. SUBSCRIPT "P" DENOTES PILOT LIGHT.
 - ⓔ MAGNETIC STARTER.
 - ⓕ DISCONNECT: IN DOOR - EEMAC-1, OUTDOOR EEMAC-3R WITH HEAVY DUTY VALE PAD-LOCK.
 - ⓖ UNIT HEATER.
 - ⓗ HEAT PUMP - ENCLOSED LETTER DESIGNATES TYPE - SEE WIRING SCHEDULE IN SPEC.
 - ⓘ TEMPERATURE CONTROL VALVE.
 - ⓙ CABINET HEATER.
 - MH DENOTES MOUNTING HEIGHT TO CENTRE LINE OF ITEM ABOVE FLOOR
 - Ⓛ 15 AMPERE, 120 VOLT DUPLEX RECEPTACLE IN WEATHERPROOF ASSEMBLY FOR OUTDOOR INSTALLATION
 - Ⓧ KEY OPERATED SWITCH - SUPPLIED WITH PORTABLE STAGE. INSTALLATION AND WIRING BY ELECTRICAL CONTRACTOR.
 - Ⓨ ELECTRIC HAND DRYER - SUPPLIED - INSTALLED - AND WIRED BY ELECTRICAL CONTRACTOR - BOBBICK MANUFACTURE CAT. #B-200 SURFACE HAND DRYER, WHITE, RATED 20 AMP(FLA),115V.AC.
 - DF DRINKING FOUNTAIN
 - Ⓩ ALARM - LOSS OF FLOW WATER - HONEYWELL L7092.
 - ⓐ SUPPLY WATER TEMPERATURE - HONEYWELL L-7059A.
 - ⓑ RETURN WATER TEMPERATURE - HONEYWELL L-7059A.
 - ⓓ FLOW SWITCH - HONEYWELL - FS4-3.
 - ⓔ SAIL SWITCH - HONEYWELL - AFS222.
 - ⓖ BOILER - SUPPLY WATER - HONEYWELL L-7095B.
 - ⓗ BOILER - RETURN WATER - HONEYWELL L-7095B.
 - ⓙ SUPPLY AIR TEMPERATURE - HONEYWELL L7092.
 - ⓚ SPACE THERMOSTAT - HONEYWELL T-7050A.
- GENERAL LEGEND**
- Ⓛ SINGLE POLE SWITCH - 347 VOLT.
 - Ⓛ3 THREE-WAY SWITCH - 347 VOLT.
 - Ⓛ4 FOUR-WAY SWITCH - 347 VOLT.
 - Ⓛx SINGLE POLE SWITCH - 120 VOLT.
 - Ⓛ3x THREE-WAY SWITCH - 120 VOLT.
 - Ⓛ4x FOUR-WAY SWITCH - 120 VOLT.
 - ⓁP SWITCH WITH PILOT - 120 VOLT.
 - ⓁS SMITH & STONE NO. 1-9010-1, 120V, 1000W. DIMMING SWITCH.
 - Ⓛ LIGHTING FIXTURE WIRED TO EMERGENCY POWER CIRCUIT.
 - Ⓛ DUPLEX RECEPTACLE - SUBSCRIPT "A" DENOTES MOUNT ABOVE COUNTER, SUBSCRIPT "V" DENOTES MOUNT FLUSH IN VERTICAL FACE OF COUNTER, SUBSCRIPT "C" DENOTES MOUNT IN CEILING SPACE.
 - Ⓛ DUPLEX RECEPTACLE MOUNTED AT 1067 A.F.F.
 - Ⓛ GROUND FAULT INTERRUPTING TYPE RECEPTACLE. SMITH & STONE NO. 4-5050 OR APPROVED EQUAL.
 - Ⓛ SPLIT DUPLEX RECEPTACLE - WIRE 3 NO. 12 TO 15A-2P BREAKER FOR TWO CIRCUITS. SUBSCRIPT "A" DENOTES MOUNT ABOVE COUNTER.
 - Ⓛ 15A - 120 VOLT SINGLE ISOLATED GROUND RECEPTACLE FOR CASH REGISTER - RUN SEPARATE ISOLATED GROUND WIRE TO 150ϕ FIRE MAIN LEADING OUT OF BUILDING - SMITH & STONE NO. 4-6261-16 OR APPROVED EQUAL COMPLETE WITH 5.5 COVER PLATE.
 - Ⓛ 250 VOLT, 15A * 2P * 3W NON-LOCKING SINGLE RECEPTACLE - SMITH & STONE NO. 4-5661 OR APPROVED EQUAL COMPLETE WITH STAINLESS STEEL COVERPLATE.
 - Ⓛ PAC POLE - PROLIGHT JIFFY POLE NO. ST-2010-34, LENGTH TO SUIT CEILING HEIGHTS. QUANTITY AS PER PLANS AND LOCATION TO SUIT FURNITURE LAYOUT.
 - Ⓛ DIRECT CONNECTION.
 - Ⓛ PUSHBUTTON FOR DOOR RELEASE - SUPPLIED BY GEN. CONTR. BUT INSTALLED & WIRED BY ELECT. CONTR. - CONFIRM LOCATION & MOUNTING HEIGHT.

- NEW GROUND ELECTRODE
- EXISTING GROUND CABLE SEE NOTE ② ON DRWG E-3.
- EXISTING DUCTBANK TO BE REMOVED
- EXISTING DUCTBANK TO BE CUT FEEDERS TO BE EXTENDED SEE RISER ON DWG. E-7 & SEE SECTION A-A
- EXISTING DUCTBANK TO REMAIN
- EXISTING WOOD POLE TO REMAIN LOCATION FOR HYDRO TRANSFORMER FOR TEMPORARY FEED TO ARNOLD CENTRE - SEE SPEC.
- ① 15MM DIRECT BURIED DUCT TO MANHOLE - SEE SPEC.
- EXISTING POWER AND TELEPHONE MANHOLES TO REMAIN
- ① 75MM DUCT DIRECT BURIED TO MANHOLE - SEE SPEC.
- EXISTING WOOD POLE TO REMAIN LOCATION FOR HYDRO TRANSFORMER FOR TEMPORARY FEED TO TENNIS CLUB - SEE SPECIFICATION
- ① 15MM UNDERGROUND TELEPHONE DUCT FOR TEMPORARY SERVICE
- TURN UP DUCT 152MM ABOVE GROUND AT EXISTING POLE AS DIRECTED BY BELL CANADA
- OVERHEAD TEMPORARY HYDRO SERVICE TO FEED ARNOLD CENTRE AND TENNIS CLUB - SEE SPEC.



SITE PLAN SCALE 1:600

- NOTES FOR DRAWING E-1
- ① DIRECT BURIED DUCTS FOR TEMPORARY SERVICES TO BE MINIMUM 915 BELOW GRADE. PROVIDE BELL END FITTINGS IN EXISTING MANHOLES.
 - ② RELOCATE EXISTING GROUND RODS & EXTEND EXISTING GROUND CABLE.
 - ③ SEE NOTE #4 ON DRWG. E-2.



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SCALE AS NOTED DRN PDW JOB NO. 8403

DATE OCT. 84

DWG. NO. E-1

MOHAWK COLLEGE STUDENT CENTRE HAMILTON ONTARIO

SITE PLAN PHASE 1

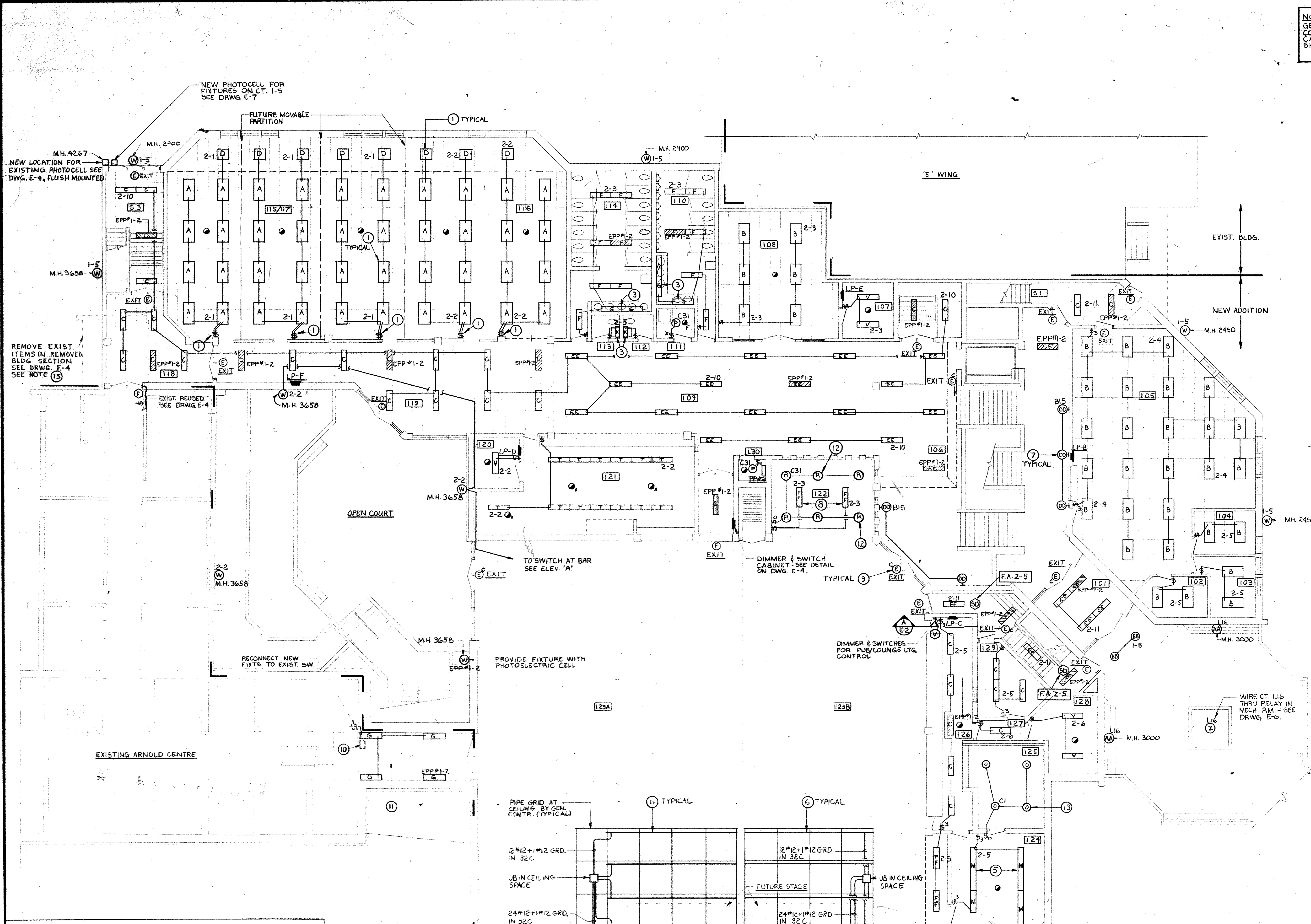
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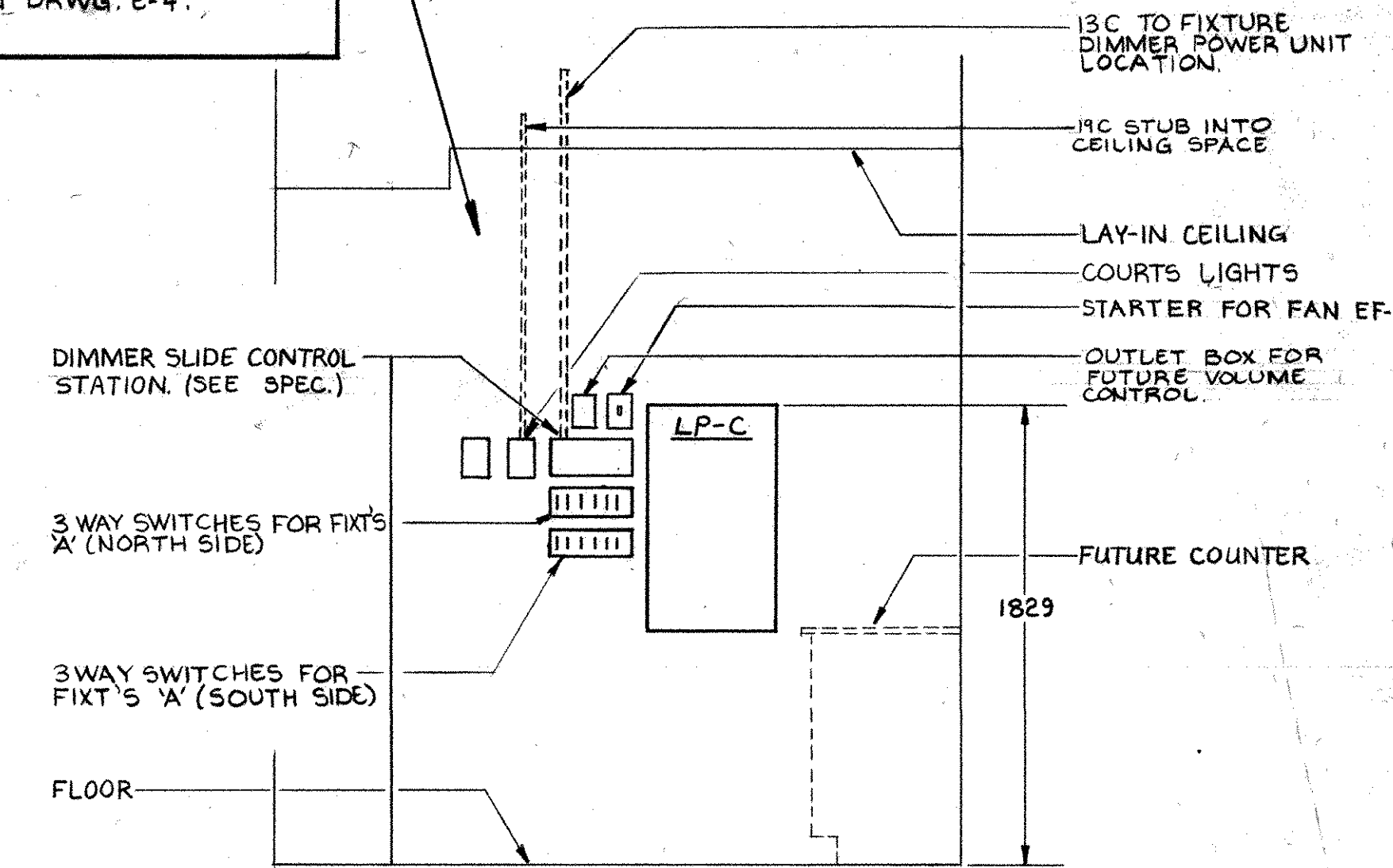
A. P. CYRIAC MEMBER ARCHITECT

MICHAEL J. TORSNEY ARCHITECT

CM 84037

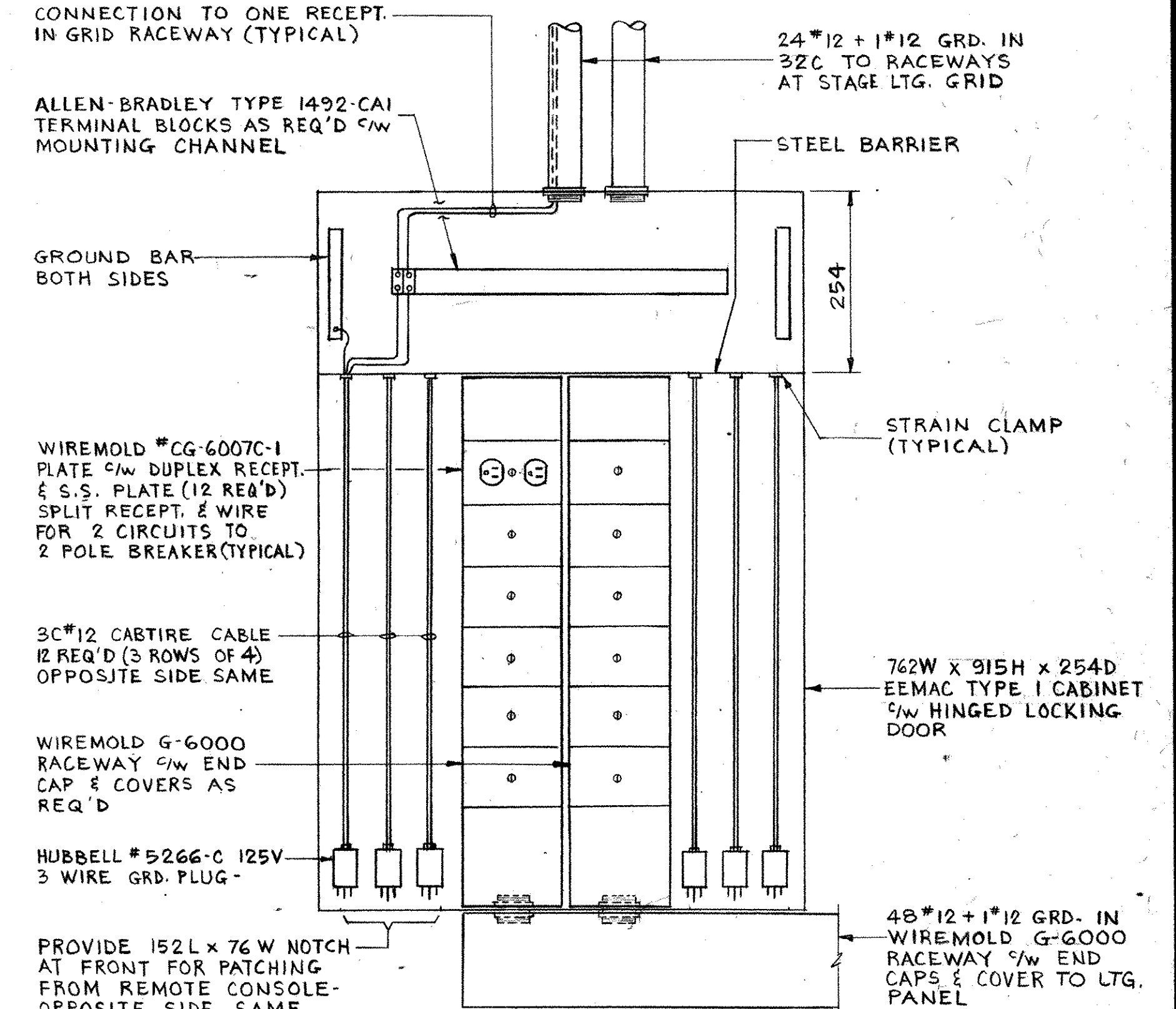


NOTE
GEN. ARRANGEMENT ONLY. ELECT. CONTR. MAY USE FLUSH TYPE 'T' CABINET SIMILAR TO DETAIL SHOWN ON DRWG. E-4.

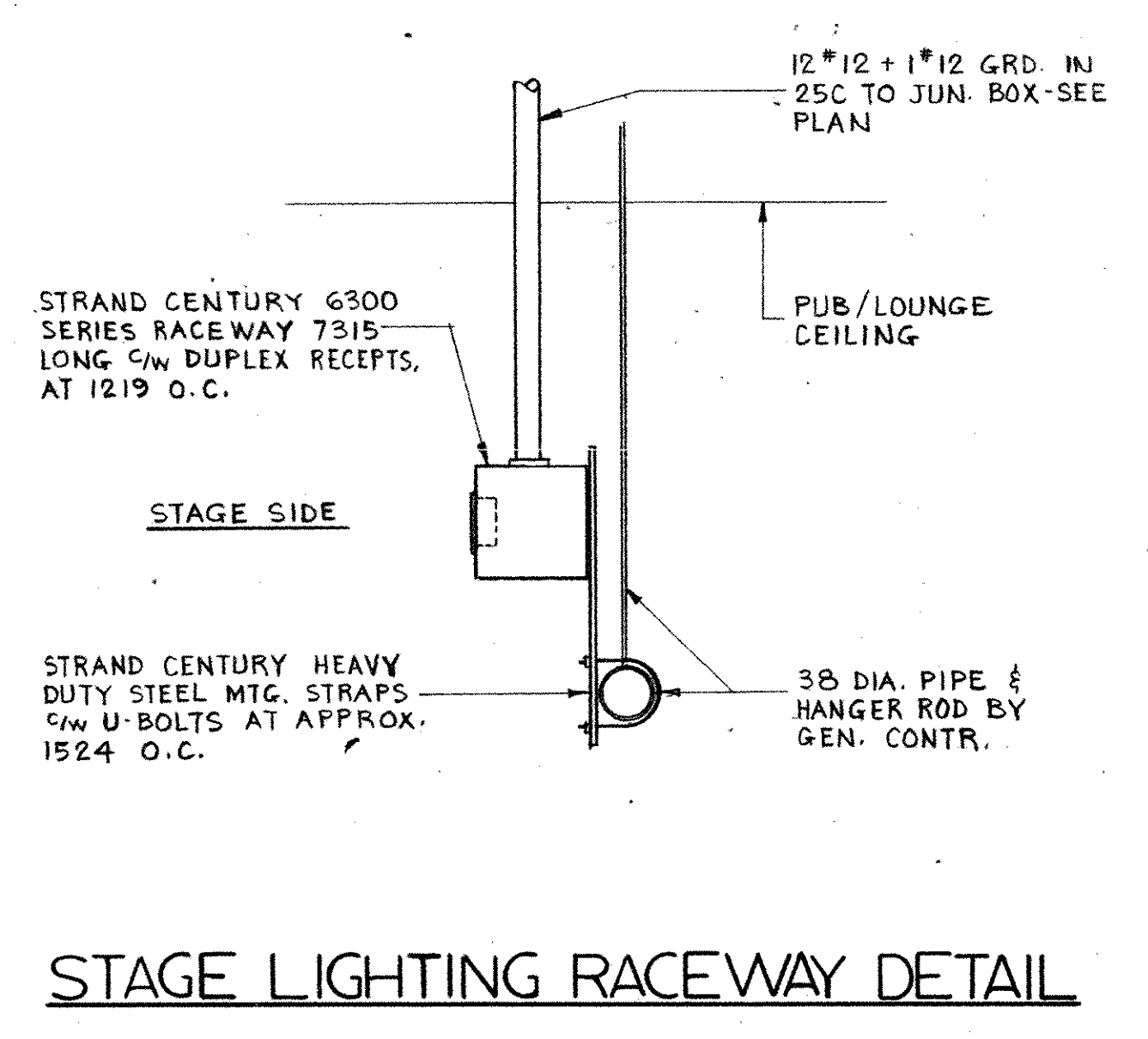


ELEVATION A-2
N.T.S.

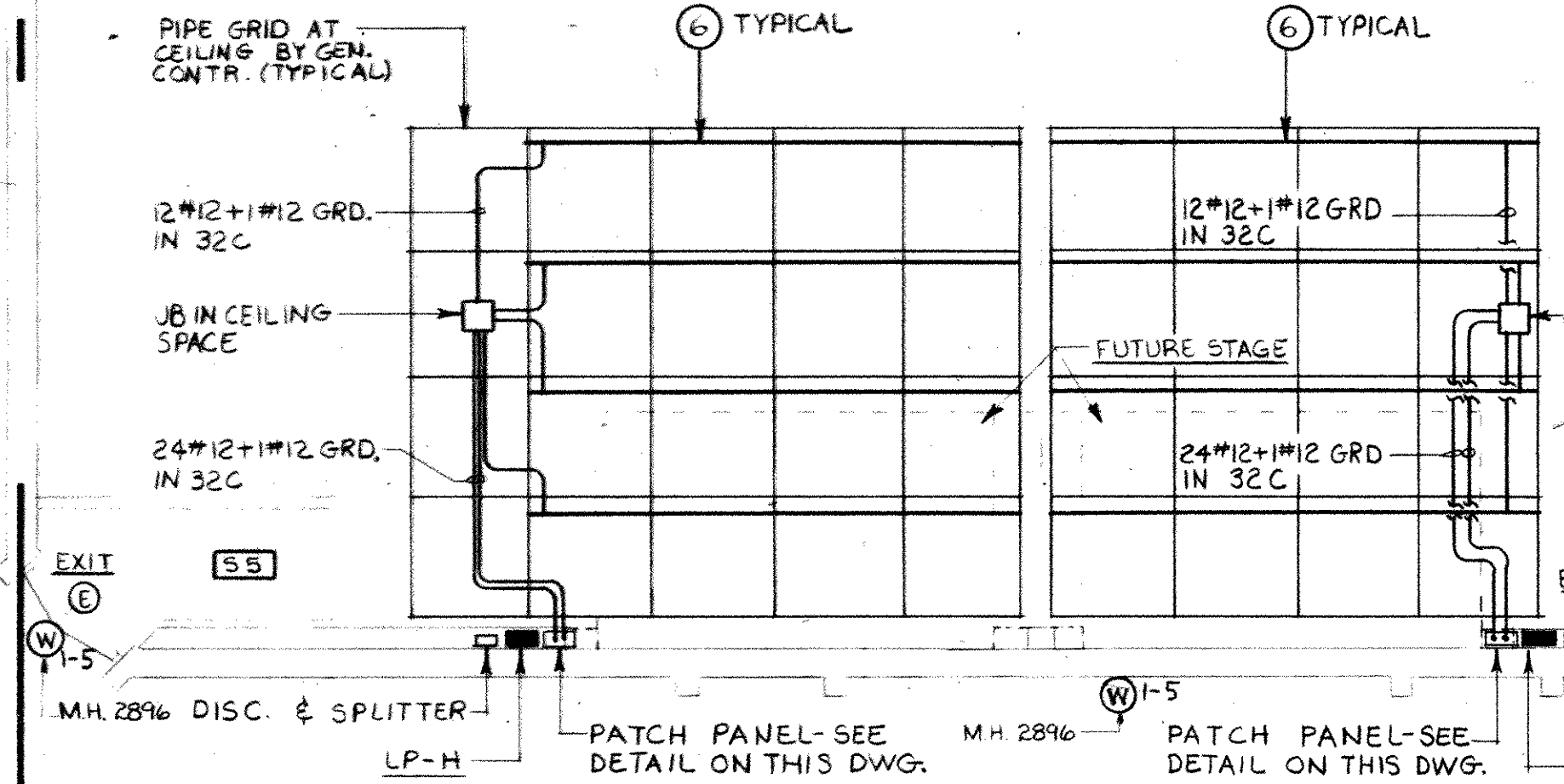
ROOM INDEX			
101 VESTIBULE	111 JANITOR	120 KIT. STORAGE	129 OFFICE
102 OFFICE	112 WASHROOM	121 KITCHEN	130 STORAGE
103 OFFICE	113 WASHROOM	122 POOL ROOM	S1 STAIRWELL
104 OFFICE	114 WOMENS W.R.	123A PUB/LOUNGE	S2 STAIRWELL
105 GEN. OFFICE	115 LOUNGE	123B PUB/LOUNGE	S3 STAIRWELL
106 MAIN LOBBY	116 GAMES ROOM	124 STORAGE	S4 STAIRWELL
107 STORAGE	117 QUIET ROOM	125 COLD STORAGE	E101 CORRIDOR
108 VARIETY STORE	118 CORRIDOR	126 BAR	E106 CORRIDOR
109 SNACK AREA	119 CORRIDOR	127 CORRIDOR	E107 JANITOR
110 MENS W.R.		128 LIQUOR STORAGE	



STAGE LIGHTING PATCH PANEL DETAIL



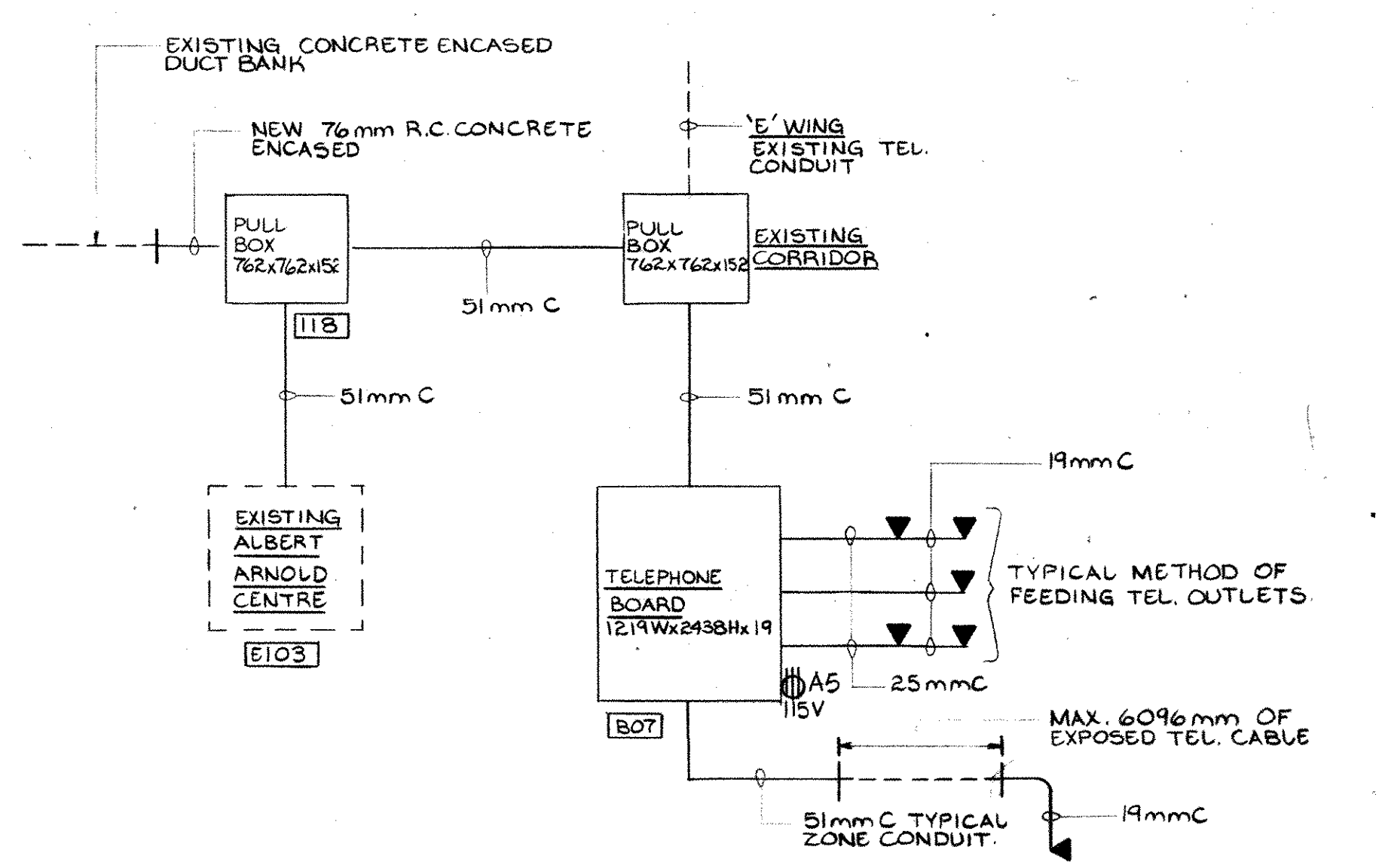
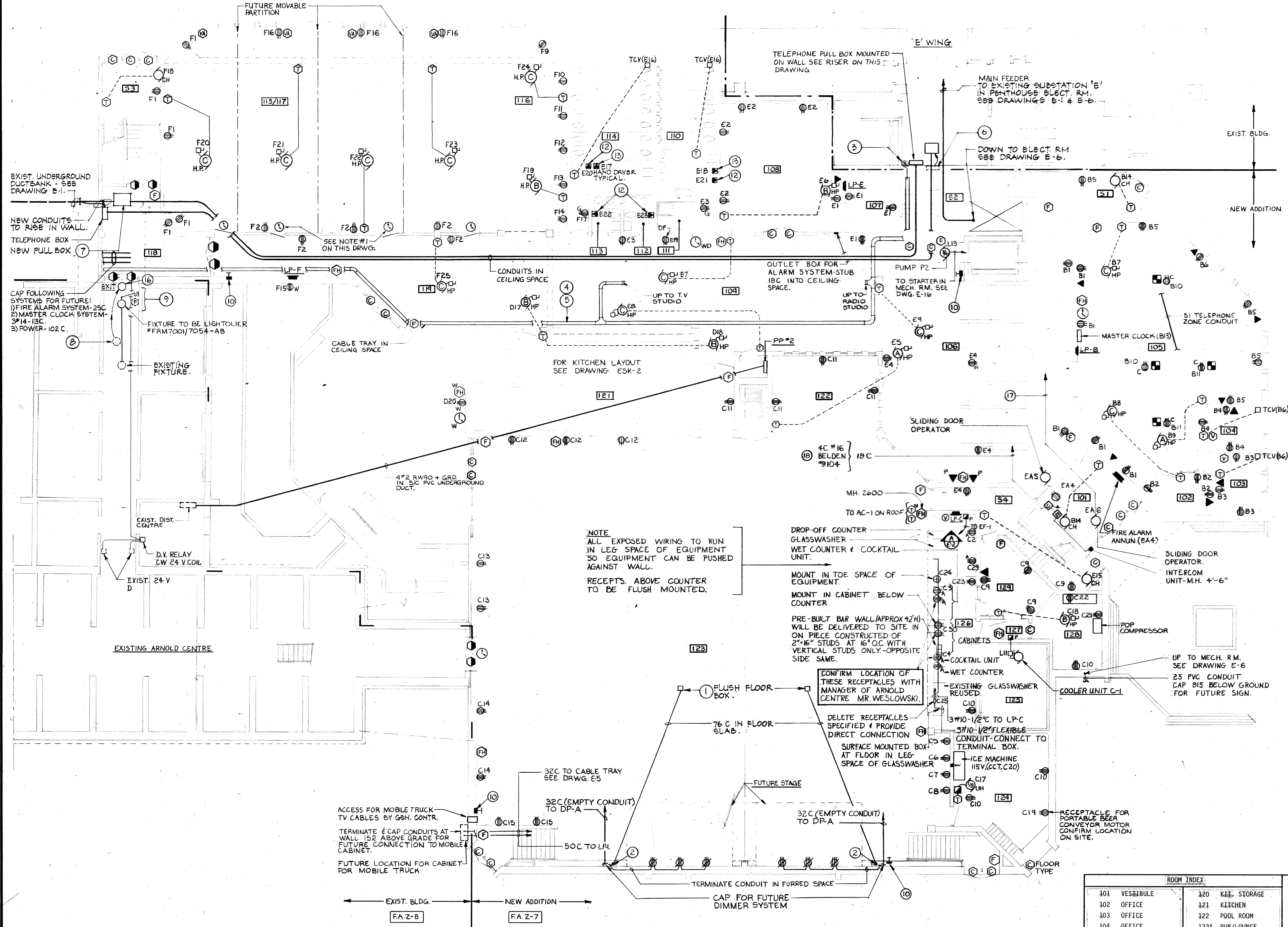
STAGE LIGHTING RACEWAY DETAIL



FIRST FLOOR PLAN-LIGHTING
SCALE 1:100

- NOTES FOR DRAWING E-2
- 1 CENTRE LAMP IN ALL FIXTURES ON CIRCUIT SHOWN TO BE WIRED TO ONE SWITCH AND REMAINING LAMPS TO BE WIRED TO THE SECOND SWITCH.
 - 2 MOUNT STRIP LIGHTS BELOW COUNTER AS DIRECTED BY ARCHITECT.
 - 3 MOUNT FIXTURE(S) ABOVE MIRROR AS DIRECTED BY ARCHITECT. FOR FIXTURE(S) PROVIDE FLUSH SINGLE GANG OUTLET BOX MOUNTED HORIZONTALLY SO FIXTURE COVERS OUTLET BOX.
 - 4 EXTEND EXISTING DUCTS AND FEEDER TO TENNIS BUREAU, TELEPHONE CONTROL AND SPARE CONDUIT TO JUNCTION BOXES IN FIRST FLOOR CEILING SPACE. SEE DRAWING E-3. REMAINDER OF DUCTS TO BE CAPPED BELOW GRADE.
 - 5 SUSPEND FIXTURES ON CHAIN HANGERS TO 4572 TO U/S ABOVE FLOOR.
 - 6 NOT USED.
 - 7 MOUNT FIXTURES 'DD' SO TOP IS 2896 ABOVE FLOOR.
 - 8 SUSPEND FIXTURES 'EE' ON WHITE ENAMEL STEM HANGERS, 787 TO U/S AND CENTRE OVER POOL TABLE AS DIRECTED.
 - 9 WIRE ALL EXIT LIGHTS (FIXTURE 'E') TO CIRCUIT EAI IN EMERGENCY LIGHTING PANEL LP-EA.
 - 10 REMOVE EXISTING ELECTRIC HEATER, CONTROLS AND WIRING.
 - 11 RELOCATE AND REWORK EXISTING CONDUITS TO ACCOMMODATE NEW CONSTRUCTION. CONCEAL ALL CONDUITS.
 - 12 FIXTURE 'R' TO BE CHANGED TO LIGHTOLIER CAT. NO. FRM7000/7053 COMPLETE WITH 100 WATT LAMP.
 - 13 FIXTURE 'O' OUTLET BOXES TO BE SURFACE MOUNTED. INTERCONNECT FIXTURES WITH PROTENAX CABLE, RUN ON CEILING TO OUTLET BOX IN ACCESSIBLE CEILING SPACE. FROM BOX, RUN WIRING IN CONDUIT. ALL THREADED CONNECTIONS TO FIXTURE BOXES TO BE MADE WITH TEFLON TAPE AND OPENINGS THROUGH WALL TO BE MADE WITH NON-SHRINKING FIREPROOF COMPOUND.
 - 14 FIXTURES 'R' IN THIS ROOM TO BE LIGHTOLIER CAT. NO. 29034 SURFACE MOUNTED CYLINDER Q/W CAT. NO. 29912 MULTI-GROOVE BATTLE AND 150 WATT A21 LAMP.
 - 15 REWORK AND RECONNECT APPROXIMATELY 10 EXISTING CABLES RUNNING IN REMOVED WALL. PROVIDE ADDITIONAL WIRING AS REQUIRED.

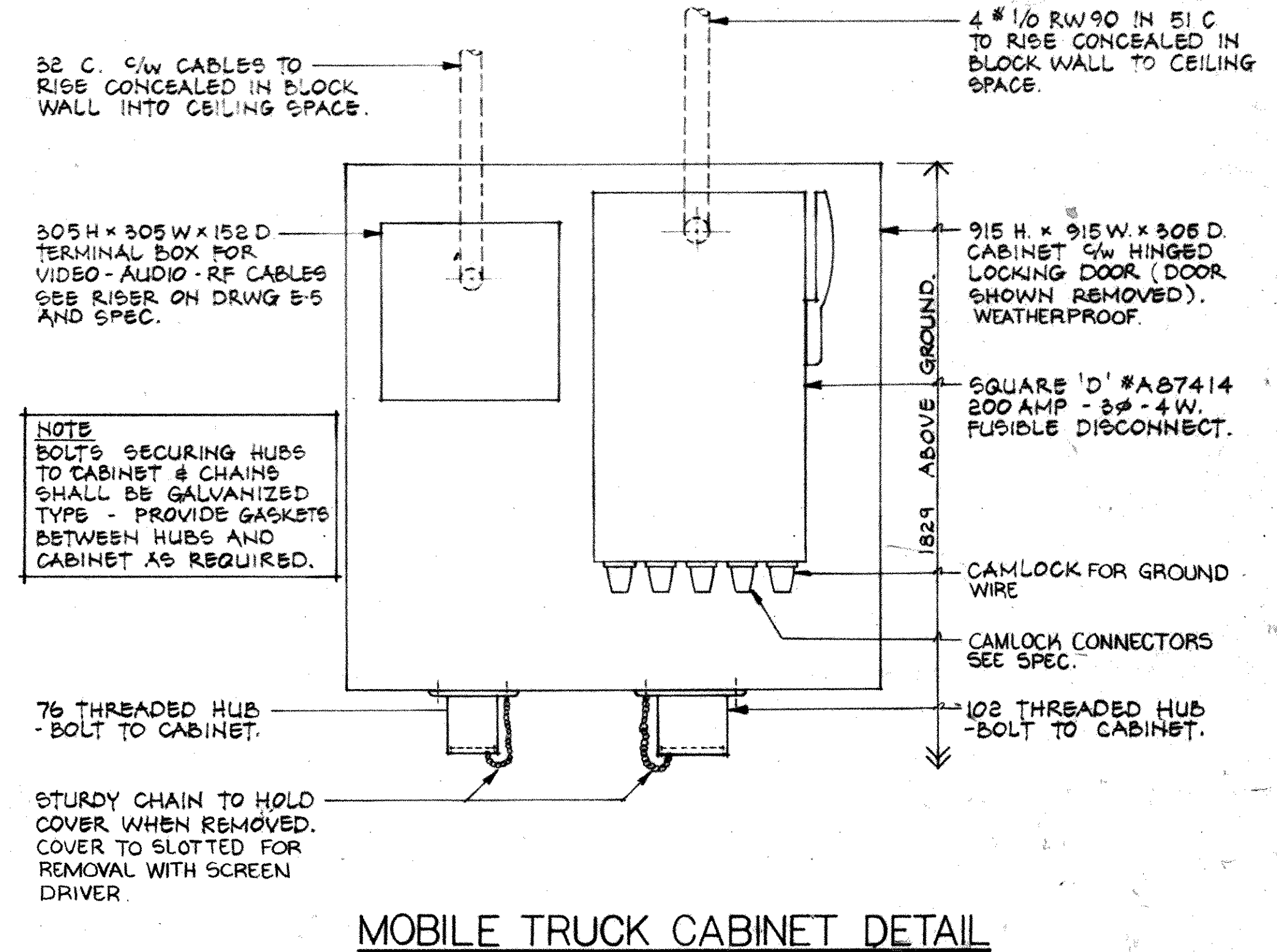
<p>KEY PLAN</p>		<p>michael torsney architects suite 202 131 john street s hamilton ontario L8N 2C3 416 522-2494</p>
<p>SCALE AS NOTED DRN P.D.W. JOB NO. 8403</p> <p>DATE</p> <p>MOHAWK COLLEGE STUDENT CENTRE HAMILTON ONTARIO</p> <p>DWG NO. E2</p> <p>FIRST FLOOR PLAN LIGHTING PHASE-1</p>		
<p>NO. DATE DESCRIPTION</p> <p>2 MAY 14/86 REVISED AS BUILT.</p> <p>1 FEB. 28/85 REVISED TO INCLUDE ADDENDUM #1, NOTICE OF CHANGE #1 & ALTERNATE PRICES.</p>		<p>group eight engineering limited 630 main street east hamilton ontario</p> <p>A. P. CYRIAC REGISTERED PROFESSIONAL ENGINEER ONTOARIO</p> <p>MICHAEL J. TORSNEY REGISTERED PROFESSIONAL ARCHITECT ONTOARIO</p>
<p>REVISIONS</p>		



TELEPHONE RISER

- NOTES FOR DRAWING E-3
- BOX FOR BAND REMOTE CONTROL CABLES. SUPPLY AND INSTALL 152 x 152 x 152 FLUSH BRASS FLOOR BOX COMPLETE WITH HINGED COVER AND TAMPERPROOF SCREW TO KEEP BOX CLOSED. BOX TO BE SUITABLE FOR CONCRETE INSTALLATION. CONFIRM EXACT LOCATION.
 - CONDUIT TO RISE AGAINST WALL TO 915 mm ABOVE FLOOR. PROVIDE BUSHING AT END OF CONDUIT AND FISH ROPE IN CONDUIT.
 - DRILL HOLE IN EXISTING WALL TO CARRY WIRING FROM TRAY INTO 'E' CORRIDOR CEILING SPACE. FUTURE INSTALLATION.
 - LOCATE CABLE TRAY TO CLEAR MECHANICAL EQUIPMENT AND SYSTEMS. CONFIRM DETAILS WITH MECHANICAL CONTRACTOR BEFORE INSTALLING.
 - FOR NUMBER AND TYPE OF CABLES IN TRAY SEE COMMUNICATION RISER ON DRAWING E-5 AND SPEC.
 - EXISTING JUNCTION BOX (APPROXIMATELY 762 x 915 x 305) MOUNTED ON WALL ABOVE LOCKERS SHALL BE REMOVED AND RE-POSITIONED IN CEILING SPACE IN HORIZONTAL POSITION. RECONNECTED EXISTING TENNIS BUBBLE FEEDER, ARNOLD CENTRE FEEDER AND SECURITY CABLES. ALL SYSTEMS SHALL BE EXTENDED AS INDICATED. EXISTING ARNOLD CENTRE FEEDER TO BE CAPPED IN THIS JUNCTION BOX AND DISCONNECTED AT EXISTING SUBSTATION 'D' PANEL.
 - PROVIDE NEW PULL BOX 762W x 915L x 305D COMPLETE WITH HINGED DOOR AND BARRIER FOR POWER AND COMMUNICATION CABLES. MOUNT HORIZONTALLY IN CEILING SPACE. RECONNECT EXISTING SYSTEMS BETWEEN EXISTING BOX (NOTE 6) ABOVE AND EXISTING DUCTBANK AS INDICATED.
 - RELOCATE EXISTING EXIT FIXTURES AND EXTEND WIRING.
 - REUSE EXISTING ITEMS FROM FLOOR ABOVE. RECONNECT TO EXISTING SYSTEMS.
 - FUTURE MOTION DETECTOR - PROVIDE FLUSH OUTLET BOX C/W COVER & MOUNT 200mm BELOW FINISHED CEILING. STUB 13C INTO CEILING SPACE.
 - WIRE PUSHBUTTONS TO DOOR RELEASE MECHANISM. - CONFIRM DETAILS.
 - MOUNT HAND DRYER 1422 TO TOP OF UNIT ABOVE FLOOR.
 - MOUNT HAND DRYER 1239 TO TOP OF UNIT ABOVE FLOOR.
 - MOUNT RECEPTACLES ON CIRCUIT D1 AND D7 INSIDE COUNTER.
 - CONFIRM EXACT LOCATION AND MOUNTING OF ALL RECEPTACLES WITH KITCHEN SUPPLIER BEFORE INSTALLING.
 - UNDESIGNATED FIXTURE TO BE LIGHTOLIER CAT. NO. FRM70017054-AB COMPLETE WITH 100 WATT LAMP.

NOTE
ALL EXPOSED WIRING TO RUN IN LEG SPACE OF EQUIPMENT SO EQUIPMENT CAN BE PUSHED AGAINST WALL.
RECEPTS ABOVE COUNTER TO BE FLUSH MOUNTED.



MOBILE TRUCK CABINET DETAIL

FIRST FLOOR PLAN - DEVICES
SCALE 1:100

NOTES (CONTINUED)

- 2#14-3 TO EXISTING DATA GATHERING PANEL IN JANITOR'S ROOM IN WING 'E'.
- INTO WING 'E' CEILING SPACE. WIRING CONTINUES IN CEILING SPACE TO SECURITY DESK.

ROOM INDEX	
101	VEHICULE
102	OFFICE
103	OFFICE
104	OFFICE
105	GEN. OFFICE
106	MAIN LOBBY
107	STORAGE
108	VARIETY STORE
109	SNACK AREA
110	MENS W.R.
111	JANITOR
112	WASHROOM
113	WASHROOM
114	WOMENS W.R.
115	LOUNGE
116	GAME ROOM
117	QUEL ROOM
118	CORRIDOR
119	CORRIDOR
120	KIT. STORAGE
121	KITCHEN
122	POOL ROOM
123A	PUB/LOUNGE
123B	PUB/LOUNGE
124	STORAGE
125	COLD STORAGE
126	BAR
127	CORRIDOR
128	LIQUOR STORAGE
129	OFFICE
130	STORAGE
131	STAIRWELL
132	STAIRWELL
133	STAIRWELL
134	STAIRWELL
135	STAIRWELL
136	STAIRWELL
137	CORRIDOR
138	CORRIDOR
139	JANITOR

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DATE OCT. 84
DWG. NO. E-3

MOHAWG COLLEGE
STUDENT CENTRE
HAMILTON ONTARIO

FIRST FLOOR PLAN
DEVICES
PHASE 1

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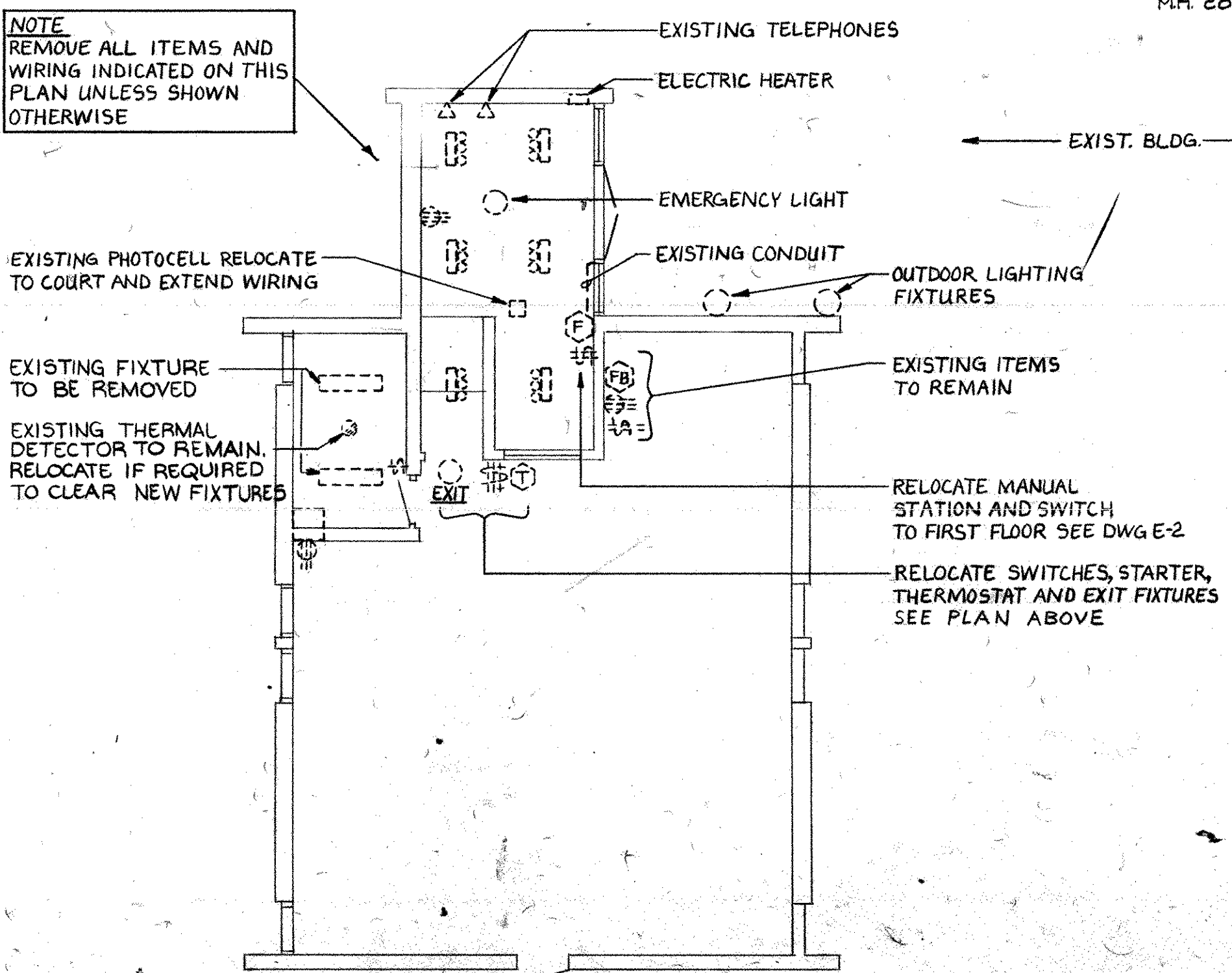
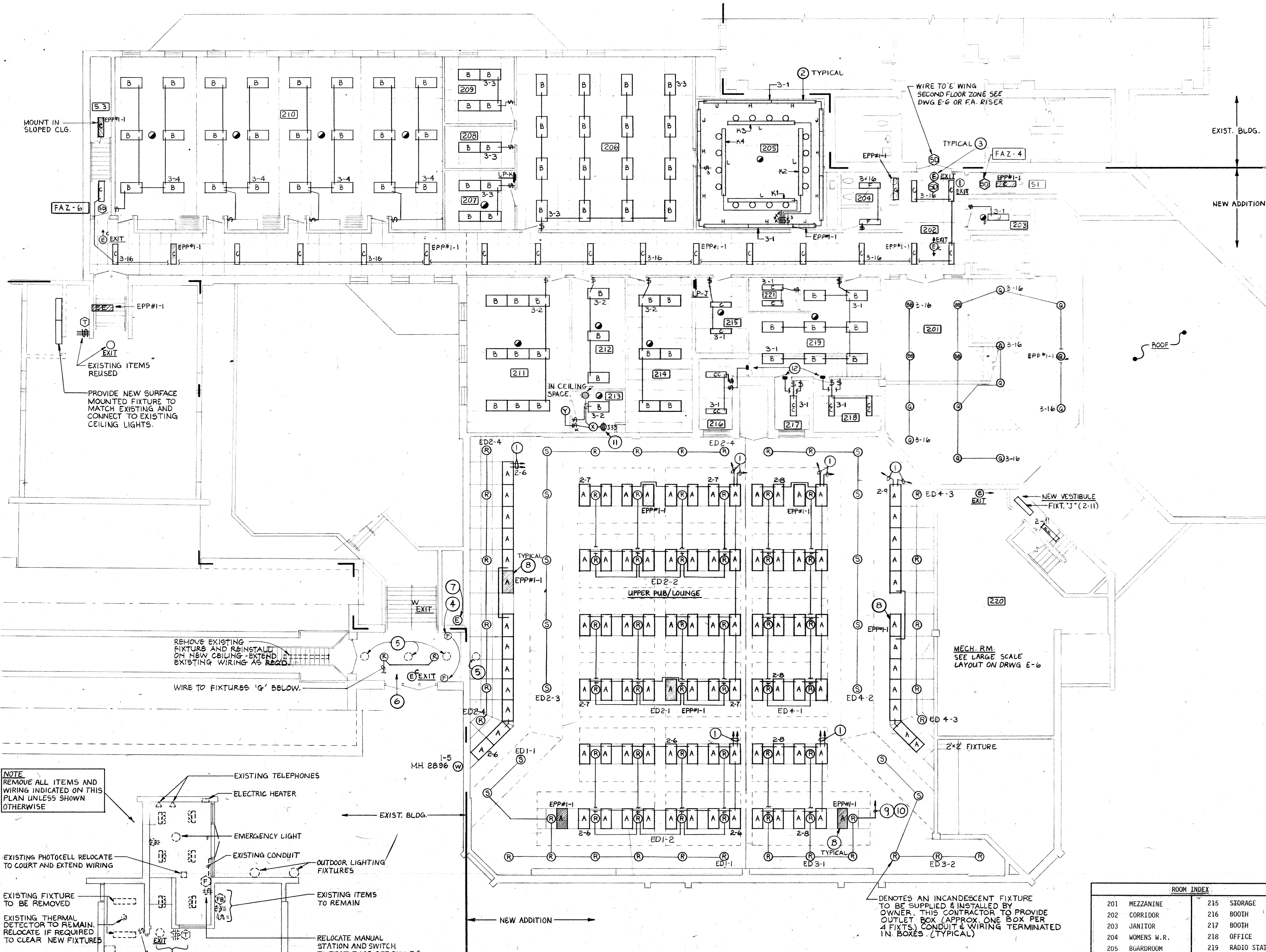
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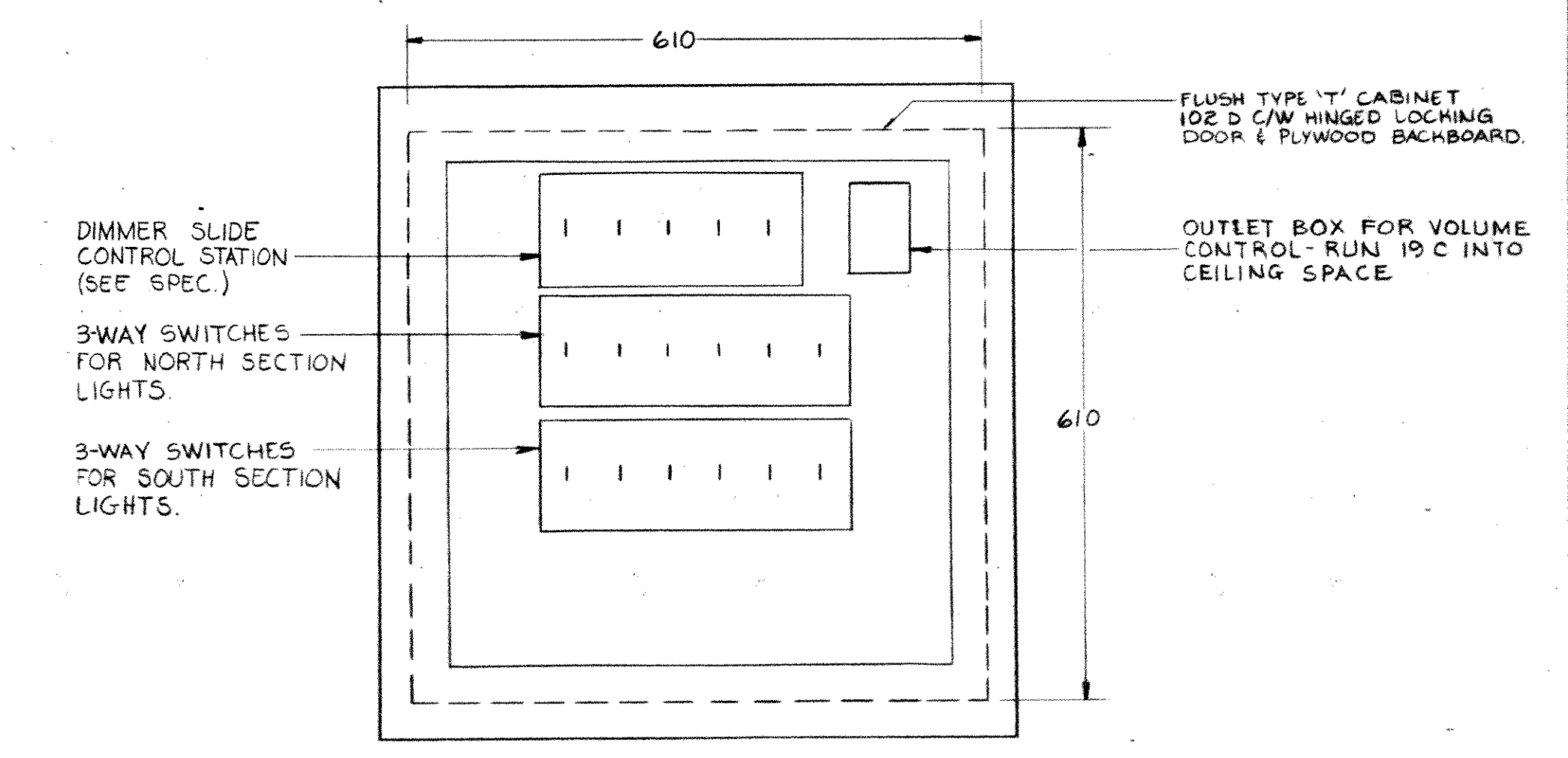
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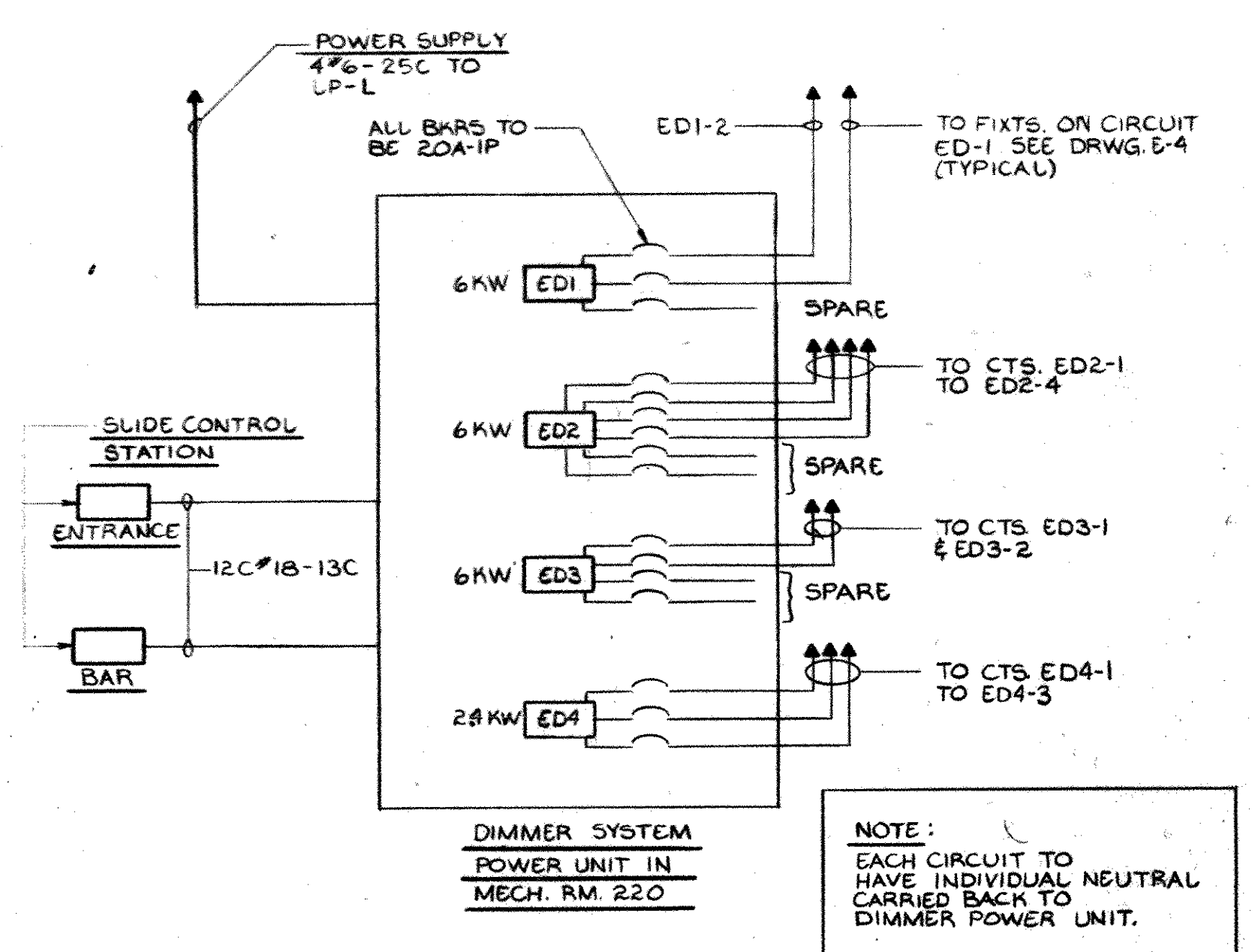
ARNOLD CENTRE - SECOND FLOOR PLAN
SCALE 1:100

SECOND FLOOR PLAN - LIGHTING
SCALE 1:100

- NOTES FOR DRAWING E-4
- TO 3-WAY SWITCHES AT LP-C AND IN BAR LOUNGE DIMMER - SW. CABINET TYPICAL FOR CIRCUITS L7 TO L27.
 - EACH CIRCUIT L17 TO L27 TO HAVE INDIVIDUAL NEUTRAL CARRIED BACK TO LP-L.
 - FLUSH MOUNT RECEPTACLE IN CEILING AT LOCATION DIRECTED BY OWNER.
 - PROVIDE FLUSH OUTLET BOX COMPLETE WITH SWITCH AND WIRING FOR "ON AIR" SIGN TO BE SUPPLIED AND INSTALLED BY MOHAWK COLLEGE FORCES AT LATE DATE.
- NOTES FOR DRAWING E-4
- WIRE FIXTURES TO 3-WAY SWITCHES AT ENTRANCE AND AT BAR. CENTRE LAMP IN ALL FIXTURES ON EACH CIRCUIT TO BE WIRED TO ONE SWITCH AND REMAINING LAMPS ON EACH CIRCUIT TO BE WIRED TO A SECOND SWITCH.
 - MOUNT FIXTURES 'H' & 'J' ON WALL OF VALANCE. FOR VALANCE DETAILS SEE ARCHITECTURAL DRAWINGS.
 - WIRE ALL EXIT FIXTURES (FIXTURES 'E') TO CIRCUIT EAT IN EMERGENCY LIGHTING PANEL LP-EA.
 - RELOCATE EXISTING MANUAL STATION AND EXTEND WIRING. FLUSH MOUNT IN NEW WALL.
 - REMOVE EXISTING FIXTURES AND ASSOCIATED WIRING.
 - RELOCATE, REWORK AND CONCEAL EXISTING CONDUITS TO ACCOMMODATE NEW CONSTRUCTION.
 - FIXTURE TO BE WEATHERPROOF TYPE CEILING MOUNTED.
 - TO CONTROL EMERGENCY FIXTURES 'A' (EPP#1-1) DURING PERFORMANCE, PROVIDE TWO (2) ON RELAYS. WIRE COIL OF ONE RELAY ON LOAD SIDE OF SWITCH CONTROLLING CIRCUIT 2-7 (2-LAMP CIRCUIT) AND N.O. CONTACT INTO CIRCUIT FOR EMERGENCY FIXTURES. THE COIL OF THE OTHER RELAY TO BE WIRED TO LINE SIDE OF LIGHT SWITCH CONTROLLING FIXTURES 'A' AND N.C. CONTACT WIRED IN PARALLEL WITH N.O. CONTACT OF RELAY ABOVE.
- PROVIDE SAME ARRANGEMENT FOR 223B EXCEPT WIRE TO CIRCUIT 2-8.
- LOCATE RELAYS IN MECHANICAL ROOM 220.

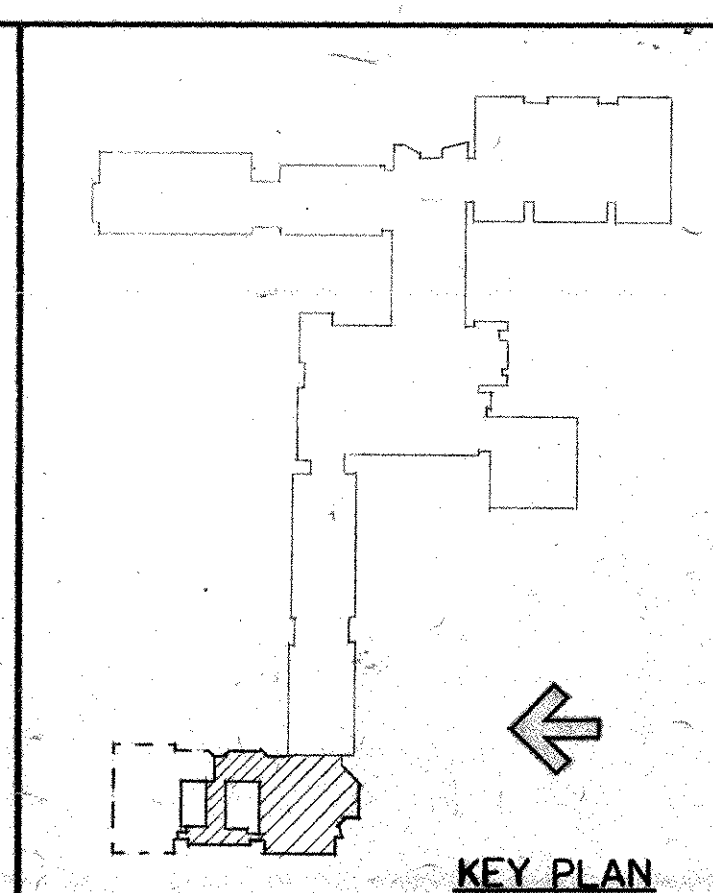
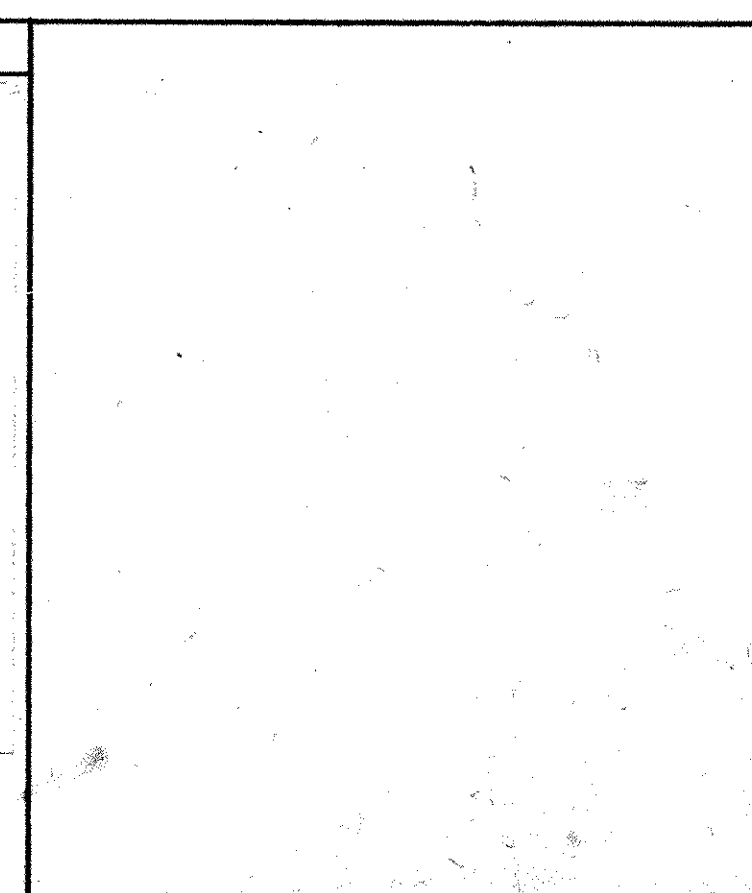


PUB/LOUNGE DIMMER-SWITCH CABINET DETAIL



DIMMER SYSTEM SCHEMATIC

ROOM INDEX	
201	MEZZANINE
202	CORRIDOR
203	JANITOR
204	WOMENS W.R.
205	BOARDROOM
206	OFFICE
207	STORAGE
208	OFFICE
209	OFFICE
210	SEMINAR RMS
211	NEWSPAPER OFF.
212	T.V. STUDIO
213	DARKROOM
214	WORKROOM
215	STORAGE
216	BOOTH
217	BOOTH
218	OFFICE
219	RADIO STATION
220	MECHANICAL RM.
S1	STAIRWELL
S3	STAIRWELL
S4	STAIRWELL
221	OFFICE
E201	EX. CORRIDOR
E202	EX. MENS W.R.
E203	EX. CLASSROOM
ES1	EX. STAIR



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 HAMILTON ONTARIO DATE
 OCT. 84
 DWG NO. E-4

SECOND FLOOR PLAN LIGHTING PHASE #1

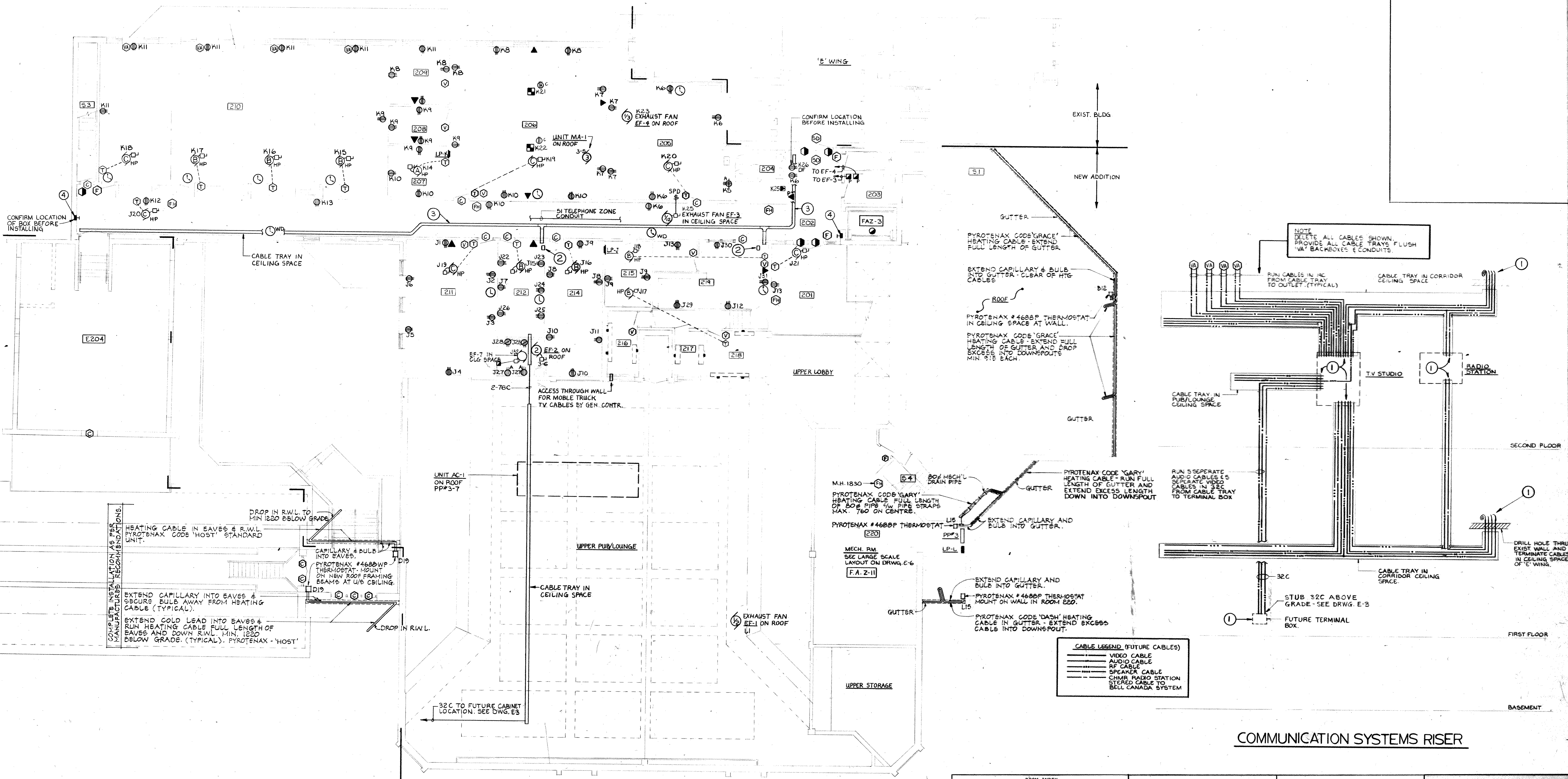
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- NOTES FOR DRAWING E-5
- 1 LEAVE SPECIFIED COIL LENGTH FOR EACH CABLE IN CEILING SPACE, FUTURE INSTALLATION
 - 2 CABLE TRAY FROM BELOW, SEE DRAWING E-3.
 - 3 CABLE TRAY SOUTH OF BEND SHOWN TO RUN ON TOP OF JOIST CHORD.
 - 4 FUTURE MOTION DETECTOR - PROVIDE FLUSH OUTLET BOX (W COVER) MOUNT 2.00m BELOW FINISHED CEILING, STUB 13C INTO CEILING SPACE.



SECOND FLOOR PLAN - DEVICES
SCALE 1:100

CABLE LEGEND (FUTURE CABLES)

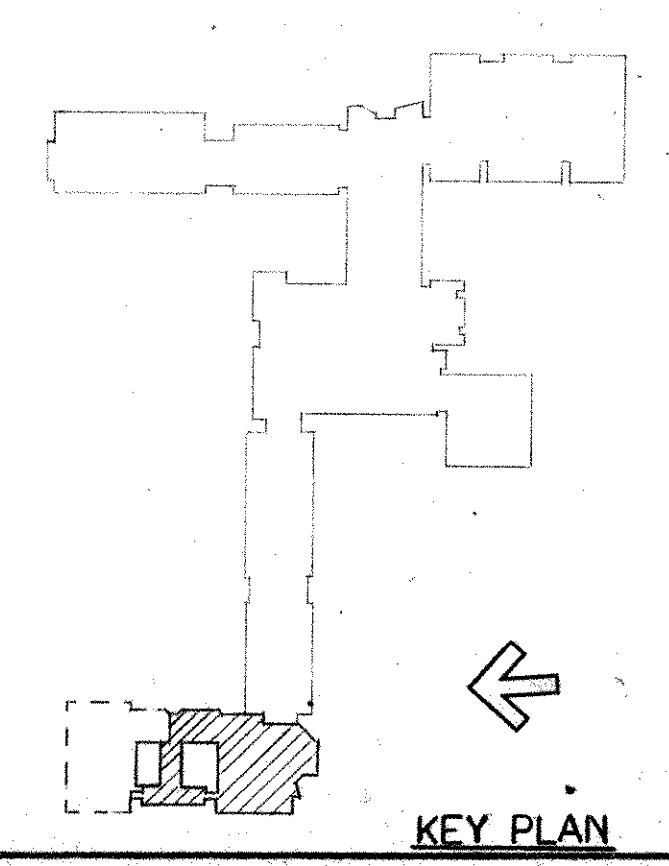
—	VIDEO CABLE
—	AUDIO CABLE
—	RF CABLE
—	SPEAKER CABLE
—	CHMR RADIO STATION
—	STEREO CABLE TO BELL CANADA SYSTEM

ROOM INDEX

201	MEZZANINE	215	STORAGE
202	CORRIDOR	216	BOOTH
203	JANITOR	217	BOOTH
204	WOMENS W.R.	218	OFFICE
205	BOARDROOM	219	RADIO STATION
206	OFFICE	220	MECHANICAL RM.
207	STORAGE	51	STAIRWELL
208	OFFICE	53	STAIRWELL
209	OFFICE	54	STAIRWELL
210	SEMINAR RMS	221	OFFICE
211	NEWSPAPER OFF.	E201	EX. CORRIDOR
212	TV. STUDIO	E202	EX. MENS W.R.
213	DARKROOM	E203	EX. CLASSROOM
214	WORKROOM	551	EX. STAIR

REVISIONS

2	MAY 14/86	REVISED AS BUILT.
1	FEB. 28/85	REVISED TO INCLUDE ADDENDUM #1, NOTICE OF CHANGE #1 & ALTERNATE PRICES.



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SCALE AS NOTED DRN E.A.C. JOB NO. 84037

MOHAWK COLLEGE STUDENT CENTRE HAMILTON ONTARIO

DATE OCT. 84

DWG NO. E-5

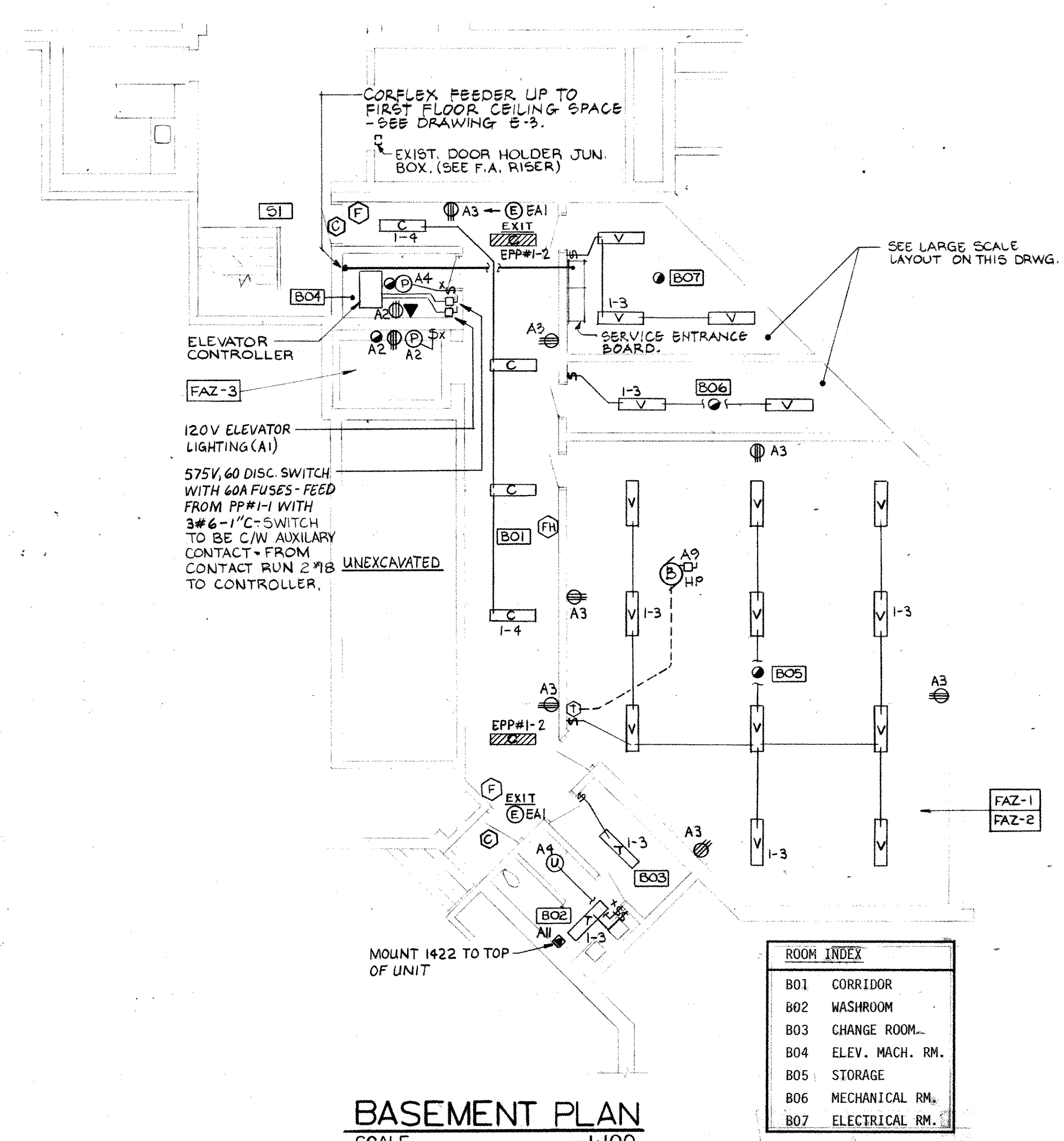
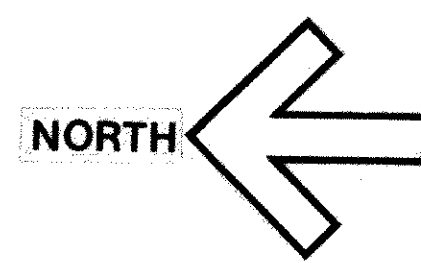
SECOND FLOOR PLAN DEVICES PHASE - I

group eight engineering limited
 830 main street east Hamilton Ontario

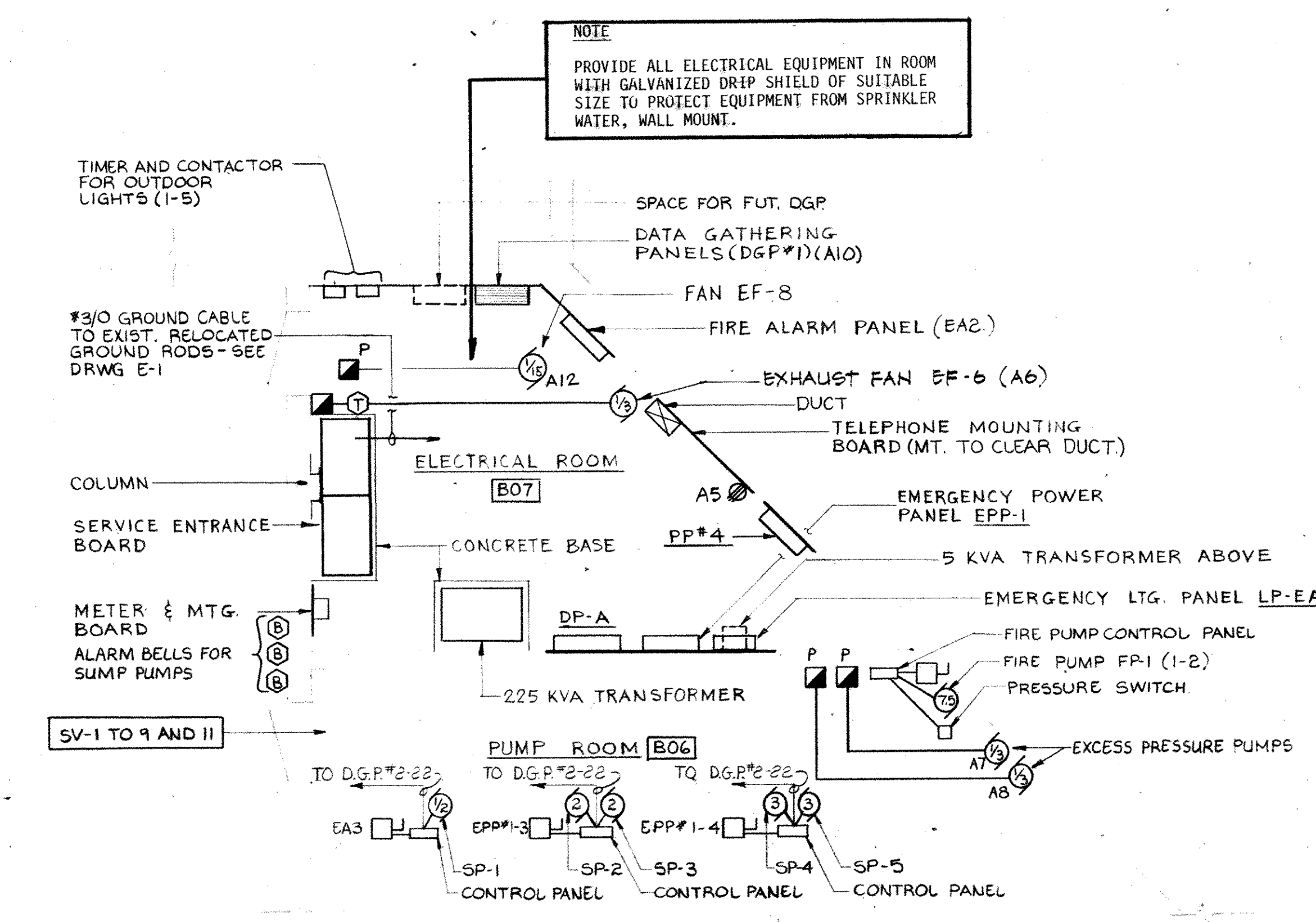
A. P. CYRIAC
 PROFESSIONAL ENGINEER
 PROVINCE OF ONTARIO

MICHAEL J. TORSNEY
 ARCHITECT

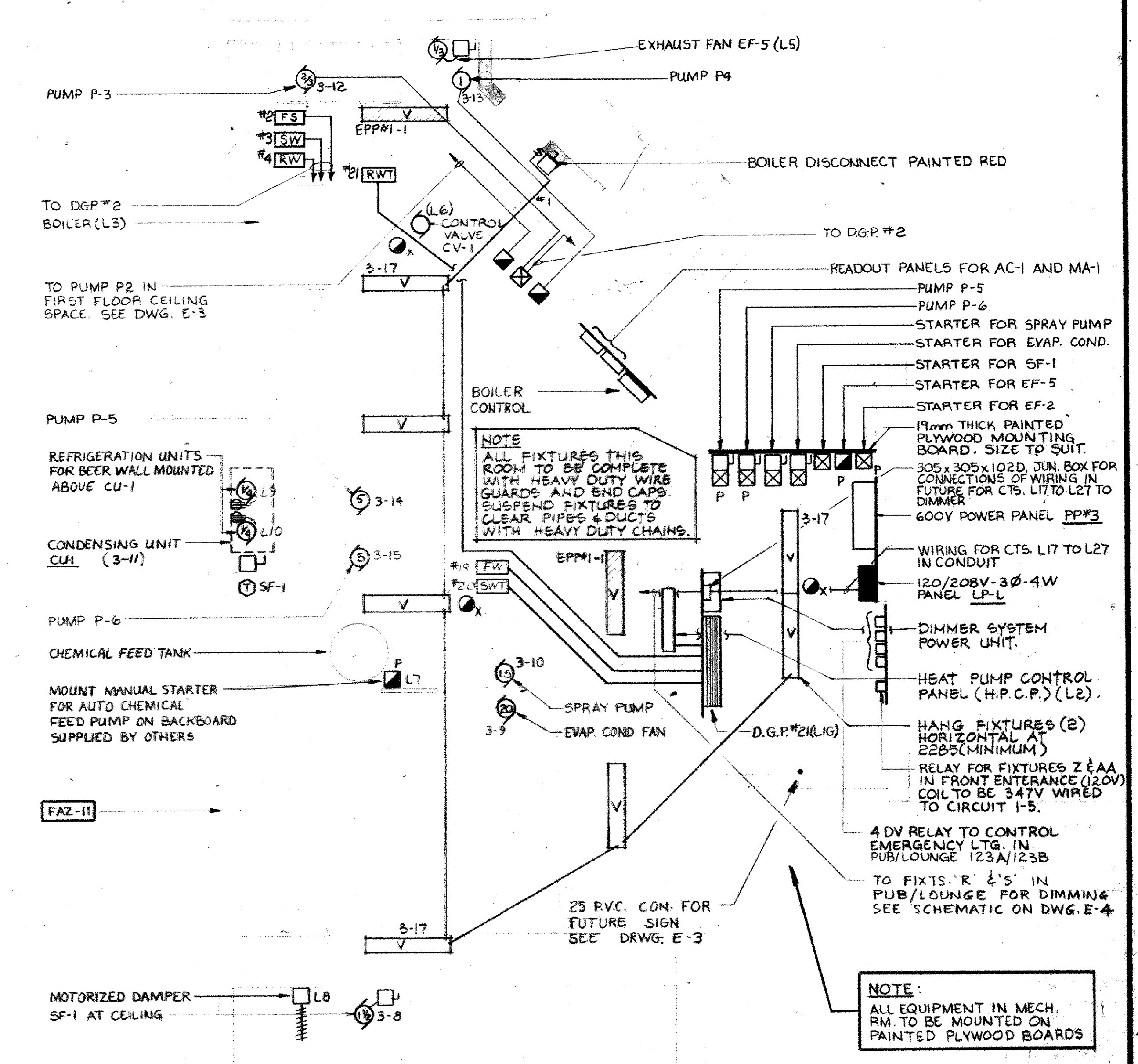
CM 84037



BASEMENT PLAN
SCALE 1:100

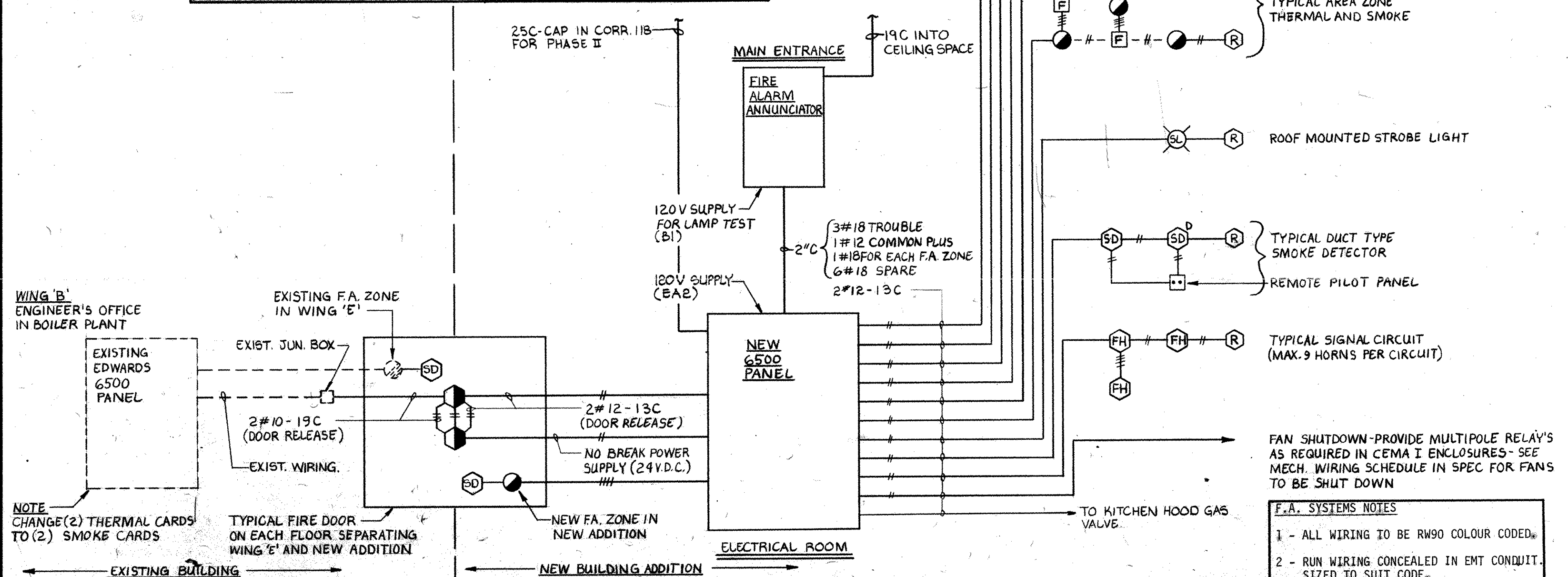


ELECTRICAL RM. & PUMP RM. PLAN
SCALE 1:50

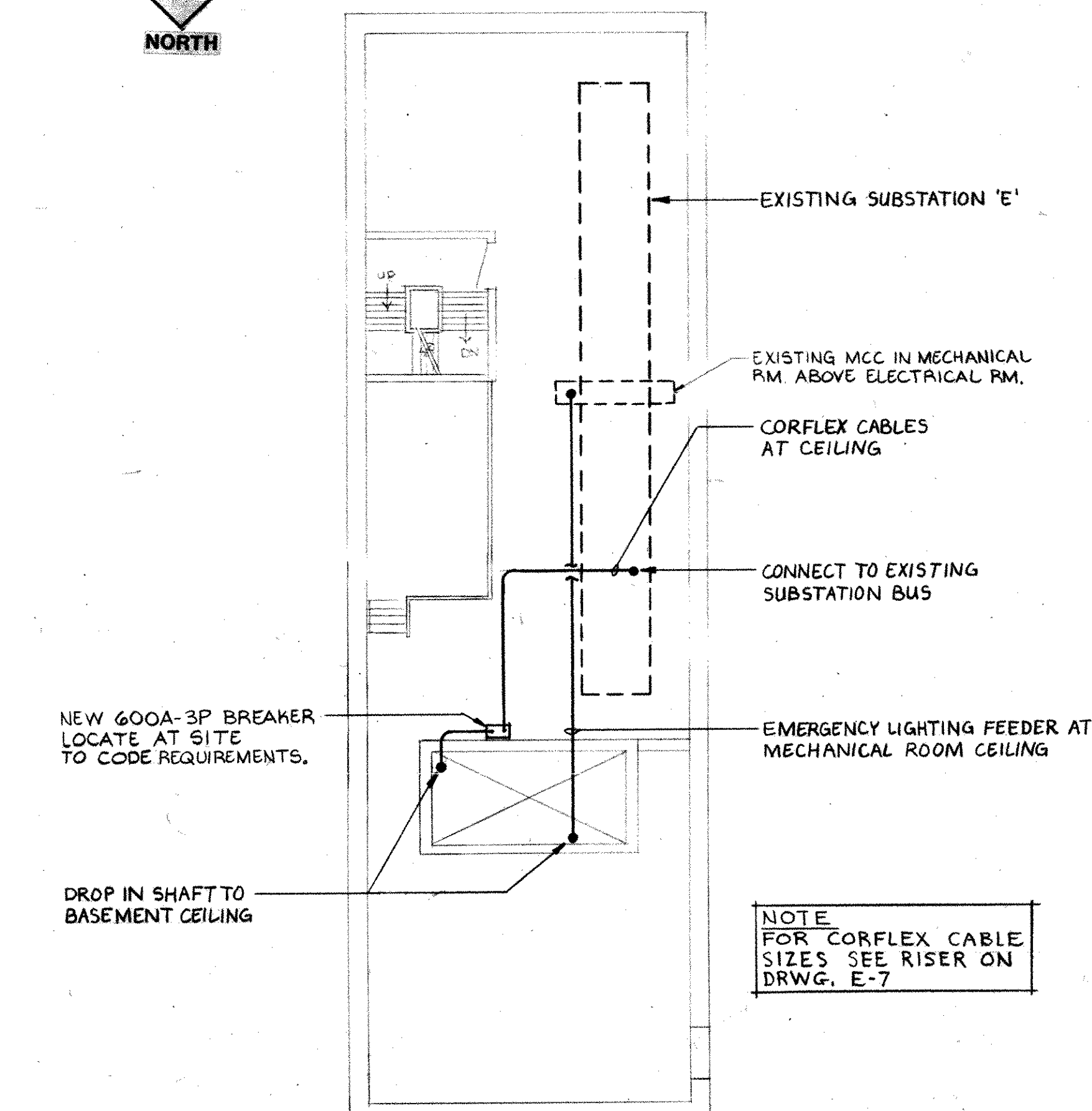


MECHANICAL ROOM PLAN
SCALE 1:50

ALARM ZONES	SUPERVISED ZONE
FAZ-1 - BASEMENT SPRINKLERS	1 - SV-1 STANDPIPE SYSTEM
FAZ-2 - BASEMENT MANUAL ALARM	2 - SV-2 STANDPIPE SYSTEM
FAZ-3 - ELEVATOR SHAFT	3 - SV-3 STANDPIPE SYSTEM
FAZ-4 - S-E STAIRWELL	4 - SV-4 BASEMENT SPRINKLERS
FAZ-5 - S-W STAIRWELL	5 - SV-5 BASEMENT SPRINKLERS
FAZ-6 - N-E STAIRWELL	6 - SV-6 BASEMENT SPRINKLERS
FAZ-7 - 1 ST. FL. STUDENT CENTRE	7 - SV-7 KITCHEN HOOD SPRINKLERS
FAZ-8 - 1 ST. FL. ALBERT ARNOLD CENTRE	8 - SV-8 KITCHEN HOOD SPRINKLERS
FAZ-9 - 1 ST. FL. KITCHEN HOOD SPRINKLERS	9 - SV-9 KITCHEN HOOD SPRINKLERS
FAZ-10 - 2 ND. FL. STUDENT CENTRE	10 - SV-10 OUTDOOR POST INDICATOR VALVE
FAZ-11 - 2 ND. FL. MECH. ROOM	11 - SV-11 FIRE PUMP
FAZ-12 - SPARE ZONE	12 - SV-12 SPARE ZONE
FAZ-13 - SPARE ZONE	13 - SV-13 SPARE ZONE
FAZ-14 - SPARE ZONE	14 - SV-14 SPACE FOR FUTURE
FAZ-15 - SPARE ZONE	15 - SV-15 SPACE FOR FUTURE
FAZ-16 - SPARE ZONE	16 - SV-16 SPACE FOR FUTURE
FAZ-17 - SPACE FOR FUTURE ZONE	17 - SV-17 SPACE FOR FUTURE
FAZ-18 - SPACE FOR FUTURE ZONE	18 - SV-18 SPACE FOR FUTURE
FAZ-19 - SPACE FOR FUTURE ZONE	19 - SV-19 SPACE FOR FUTURE
FAZ-20 - SPACE FOR FUTURE ZONE	20 - SV-20 SPACE FOR FUTURE



FIRE ALARM RISER



EXISTING ELECTRICAL RM.
SCALE 1:100

REVISIONS

NO.	DATE	DESCRIPTION
2	MAY 14/86	REVISE AS BUILT.
1	FEB. 28/85	REVISED TO INCLUDE ADDENDUM #1, NOTICE OF CHANGE #1 & ALTERNATE PRICES.

KEY PLAN

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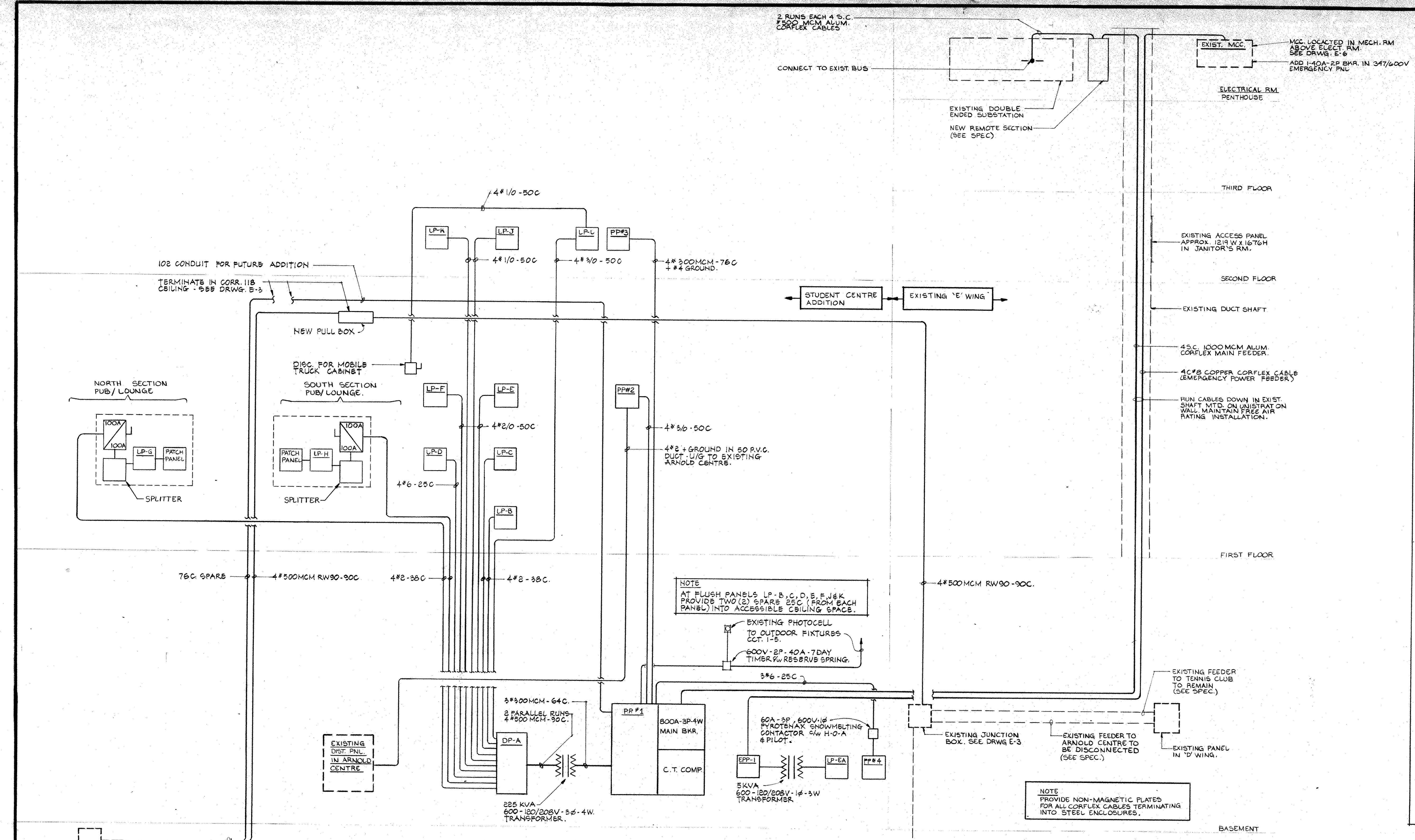
SCALE AS NOTED DRN. E.A.C. JOB NO. 8403
 DATE OCT. 84
 DWG. NO. E-6

MOHAWK COLLEGE STUDENT CENTRE HAMILTON ONTARIO
 BASEMENT & LARGE SCALE PLANS, RISER & DETAILS
 PHASE-1

group eight engineering limited
 630 main street east hamilton ontario

REGISTERED PROFESSIONAL ENGINEER
 A. P. CYRAC
 MEMBER
 MICHAEL J. TORSNEY ARCHITECT

- F.A. SYSTEMS NOTES**
- 1 - ALL WIRING TO BE R90 COLOUR CODED.
 - 2 - RUN WIRING CONCEALED IN EMT CONDUIT SIZED TO SUIT CODE.
 - 3 - SEE PLANS FOR FIRE ALARMING ZONING.
 - 4 - SEE PLANS FOR QUANTITY OF DEVICES.
 - 5 - SEE SPEC. FOR AS-BUILT DRAWINGS.



POWER RISER 600/347V-3Ø-4W & 120/208V-3Ø-4W

NOTE
ALL PANEL FEEDERS TO CARRY SEPARATE #6 INSULATED GROUND WIRE UNLESS OTHERWISE NOTED.

PANELBOARD	BREAKER	SCHEDULE
PP#1 - 800A MAINS	1-15A-2P (5) 1-15A-3P (3,4) 2-20A-1P (3,4) 1-20A-3P (2) 1-70A-3P (1) 2-300A-3P (PP#3 & 225 KVA TRANSF.) 1-200A-3P (PP#2) 1-60A-3P (PP#4) 1-400A-3P SPACE 2-100A-3P SPACES DP#2 2-15A-1P (SPARE)	LP-D 19-15A-1P 1-20A-1P (D16) 2-30A-3P (D18, D19) 1-40A-2P (D15) 8-1P SPACES
DP#2	2-20A-1P (SPARE) 9-20A-1P (1 TO 9) 7-1P SPACES 1-100A-3P (ARNOLD CENTRE)	LP-E 14-15A-1P 6-30A-1P (E17, 18, 20 TO 23) 1-30A-2P (E5) 3-30A-3P (E6, 11, 12) 3-40A-3P (E7 TO 9) 6-1P SPACES
PP#3 - 400A MAINS	1-15A-3P (SPARE) 9-15A-3P (5,6,8,11 TO 15) 6-20A-1P (1 TO 4, 16, 17) 1-40A-3P (9)	LP-F (DOUBLESTACK) 22-15A-1P 1-30A-3P (F19) 6-40A-3P (F20 TO 25) 5-1P SPACES
1-150A-3P (7)	15-1P SPACES	LP-G 7-15A-1P 12-15A-2P (G4 TO 15) 2-1P SPACES
PP#4	6-15A-2P (1 TO 6) 2-1P SPACES	LP-H 3-15A-1P 12-15A-2P (H4 TO 15) 5-1P SPACES
DP-A - 800A MAINS	15-15A-1P 1-20A-3P (A9) 1-70A-3P (LP-D) 4-100A-3P (LP-B, LP-C, LP-G, LP-H) 2-150A-3P (LP-J, LP-K) 2-175A-3P (LP-E, LP-F) 1-200A-3P (LP-L) 1-15A-3P (SPARE)	LP-I (DOUBLESTACK) 29-15A-1P 4-30A-3P (I15 TO 17) 3-40A-3P (I19 TO 21) 10-1P SPACES
LP-B	12-15A-1P 1-20A-1P (B12) 1-30A-2P (B9) 2-15A-3P (B7,8) 9-1P SPACES	LP-K (DOUBLESTACK) 20-15A-1P 1-15A-2P (K5) 1-30A-1P (K25) 1-30A-1P (K24) 3-30A-3P (K15 TO 17) 3-40A-3P (K18 TO 20) 5-1P SPACES
LP-C	27-15A-1P 2-15A-2P (C24,25) 1-20A-1P (C20) 3-30A-3P (C18,27,28) 1-1P SPACE	LP-L 16-15A-1P 2-20A-1P (L1,15) 1-30A-1P (L11) 5-1P SPACES
LP-EA	2-15A-1P 2-20A-1P (3,4) 1-30A-2P (LP-EA) 7-1P SPACES	LP-EA 4-15A-1P 1-30A-1P (3) 3-1P SPACES
<p>NOTE BREAKER INTERRUPTING CAPACITIES TO BE AS FOLLOWS: (1) 347/600 VOLT PANELS MINIMUM 14,000 A.I.C. (2) DP-A & LP-B (120/208 VOLT) MINIMUM 22,000 A.I.C. (3) LP-C TO LP-L (120/208 VOLT) MINIMUM 10,000 A.I.C.</p>		

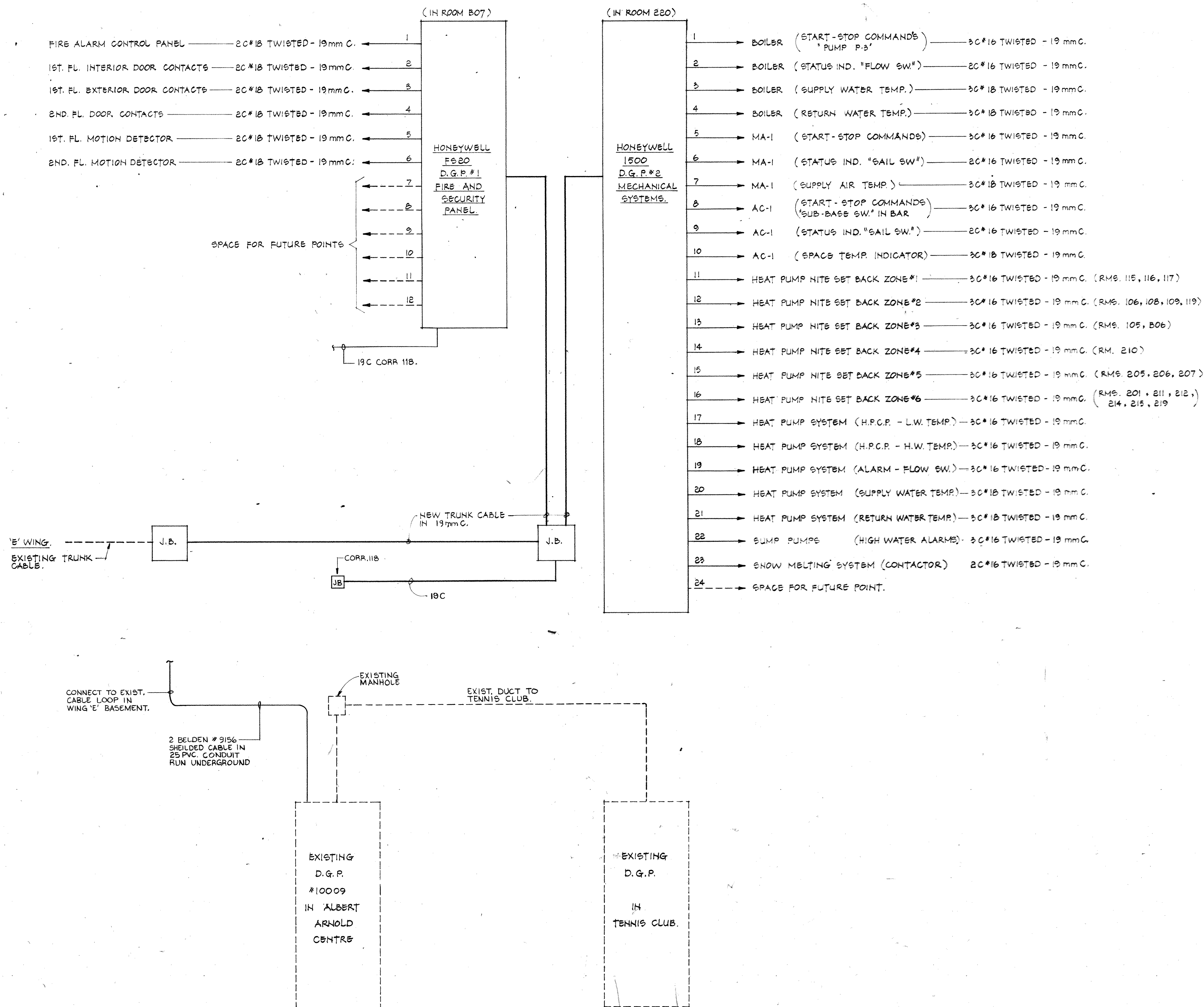
NO. DATE DESCRIPTION

REVISIONS

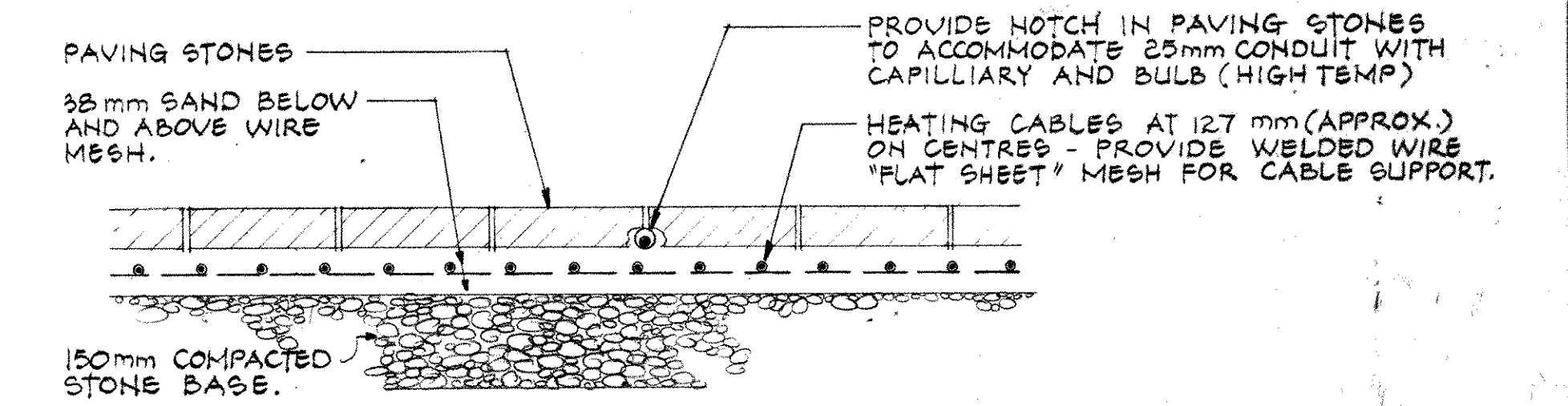
KEY PLAN

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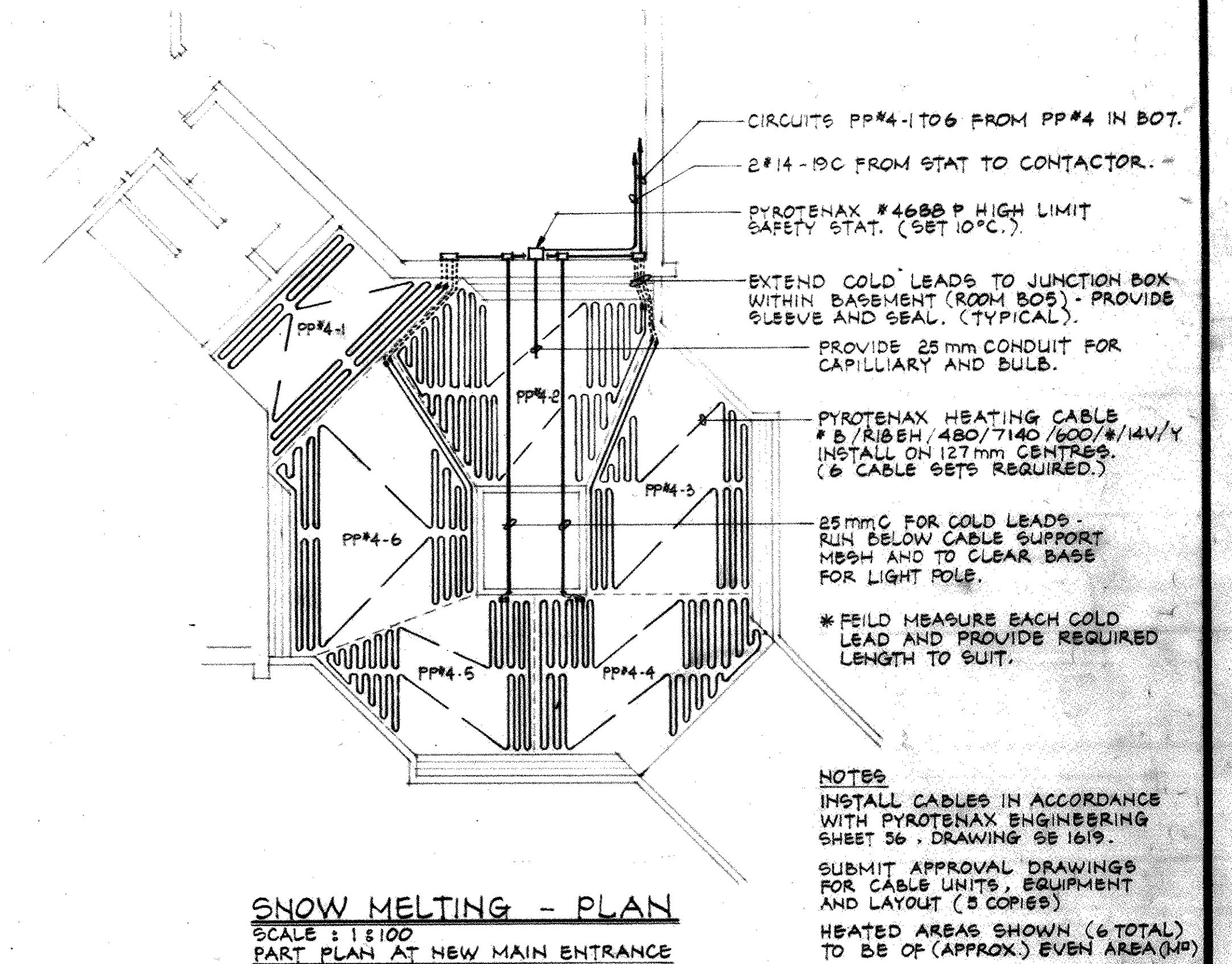
SCALE AS NOTED	DRN. E.A.C.	JOB NO.
MOHAWK COLLEGE STUDENT CENTRE HAMILTON ONTARIO	DATE	8403
POWER RISER DETAIL	DWG. NO.	E-7
PHASE - 1		



SECURITY MONITORING SYSTEM RISER.



SNOW MELTING CABLE - INSTALLATION DETAIL
SCALE: 1:10



SNOW MELTING - PLAN
SCALE: 1:100
PART PLAN AT NEW MAIN ENTRANCE

SNOW MELTING PLAN & DETAIL

		<p>michael torsney architects</p> <p>suite 202 131 john street s. hamilton ontario L8N 2C3 416 522-2494</p>	
SCALE AS NOTED	DRN. G.M.	JOB NO.	8401
MOHAWK COLLEGE STUDENT CENTRE HAMILTON ONTARIO		DATE	OCT. 84
RISERS & DETAILS		DWG. NO.	E-8
PHASE - I			
2 MAY 14/86	REVISED AS BUILT.		
1 FEB 28/85	REVISED TO INCLUDE ADDENDUM #1, NOTICE OF CHANGE #1 & ALTERNATE PRICES		
NO. DATE	DESCRIPTION		
REVISIONS			
<p>group eight engineering limited 830 main street east hamilton ontario</p>		<p>A. P. CYRIAC REGISTERED PROFESSIONAL ENGINEER ONTARIO</p>	
		<p>MICHAEL J. TORSNEY REGISTERED PROFESSIONAL ARCHITECT ONTARIO</p>	
		<p>G.M. 84037</p>	