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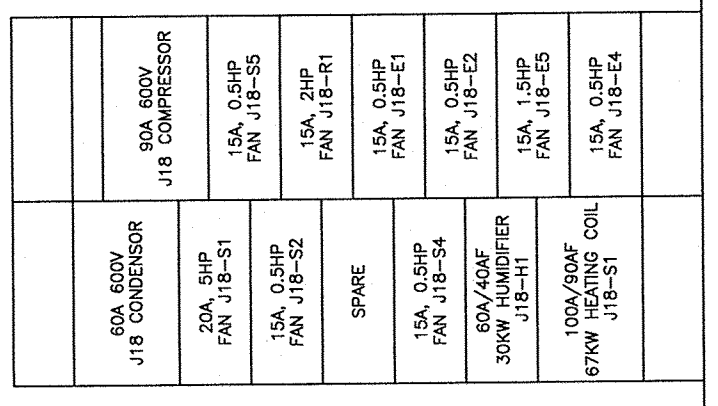
NORTHWEST ATLANTIC FISHERIES CENTRE MAIN ELECTRICAL UPGRADES

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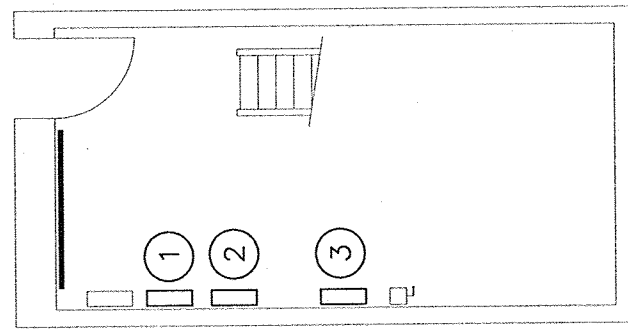
PARTIAL FLOOR PLANS PENTHOUSES J18 & J12

designed	B. Ropson	con-
date	March 2016	
drawn	J. Dillon	desig-
date	March 2016	
approved		appro-

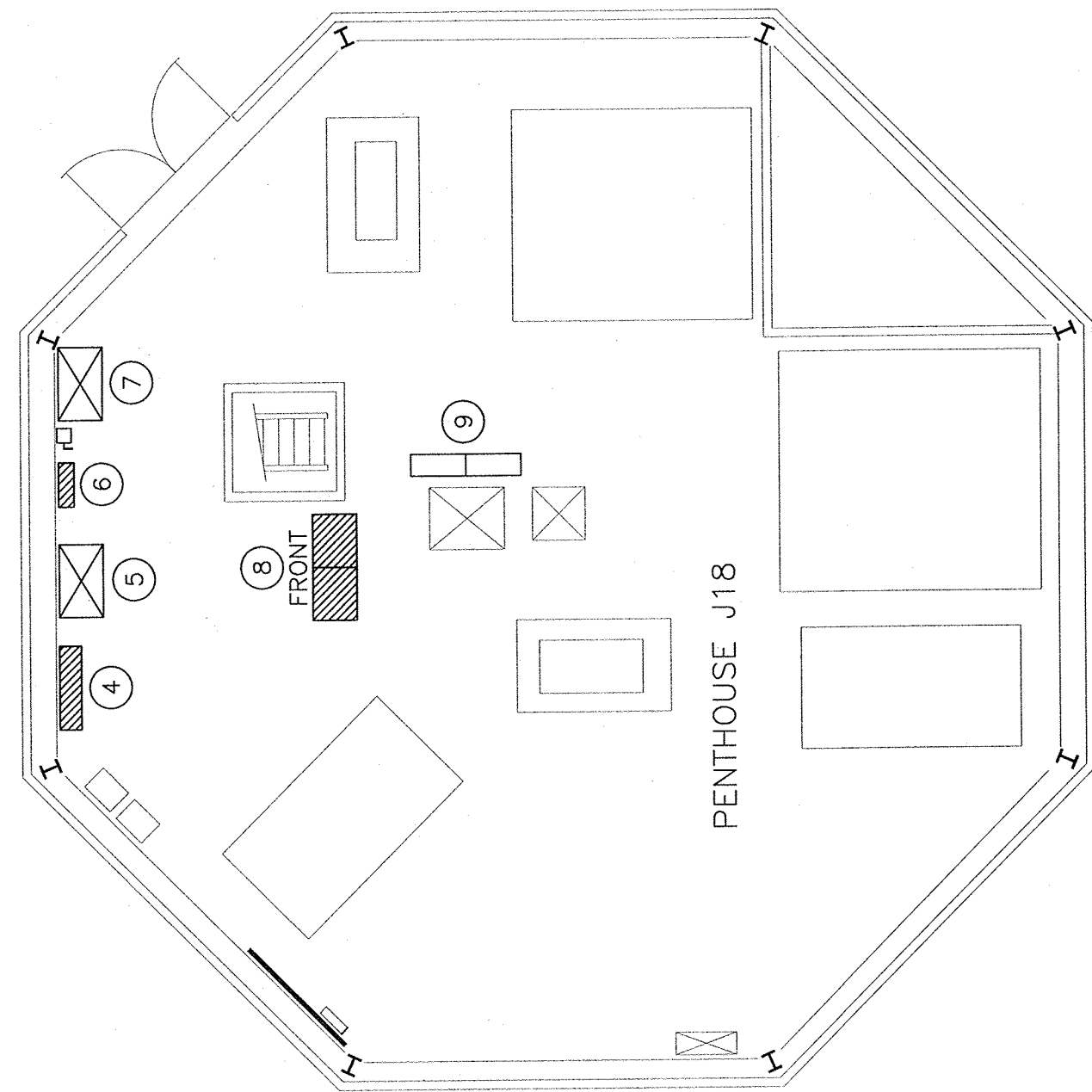
Tender <i>Sandy Oke</i> 2016-09-12 PWOSC Project Manager project number R.072210.001	Submitted no. du projet no. du dessin drawing no.
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MCC J18 ELEVATION



SERVICE SPACE L2

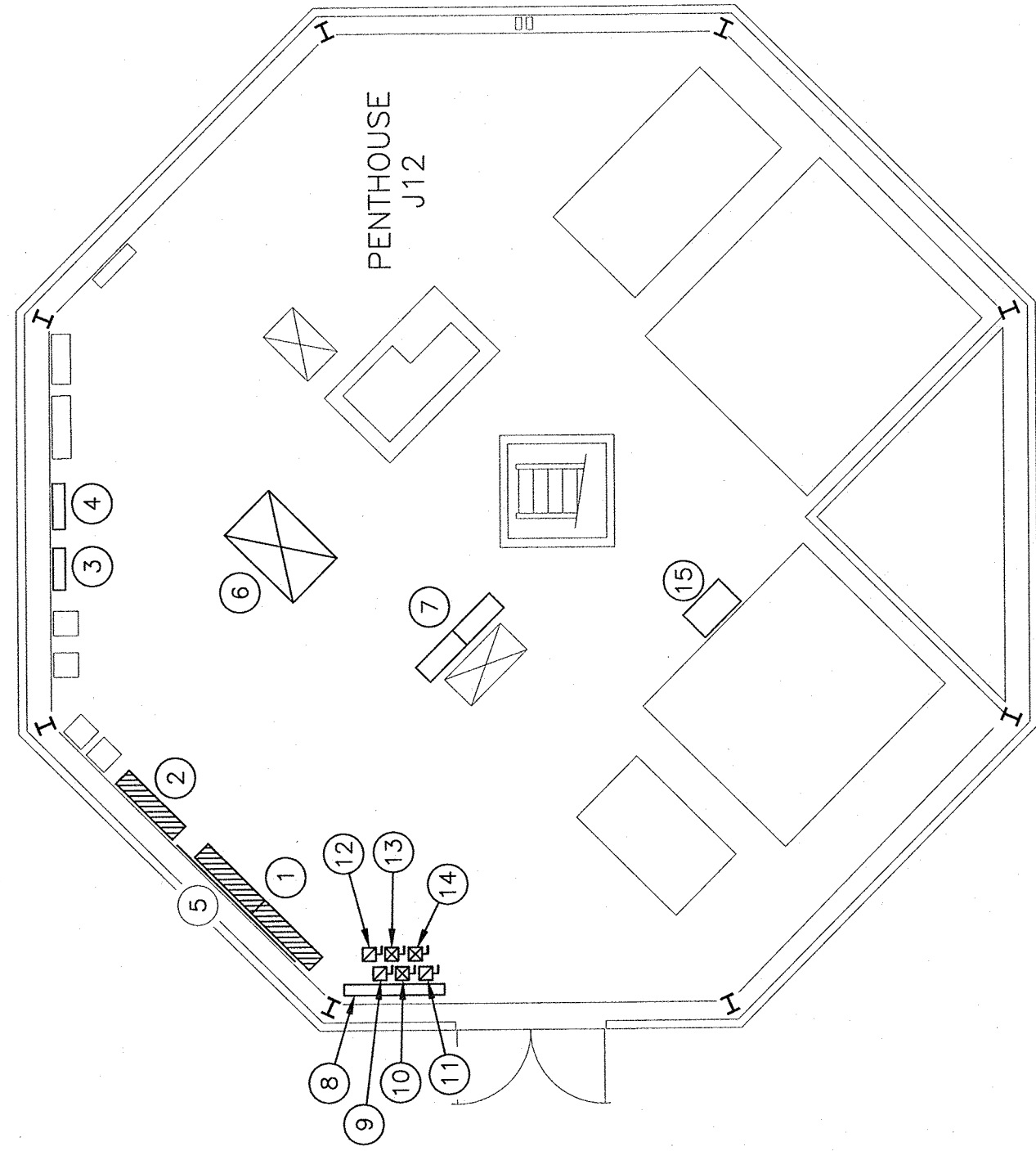
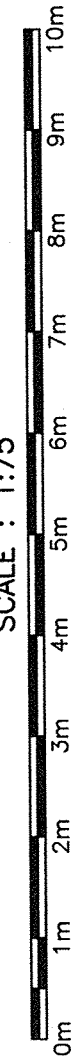


- 1 EXISTING PANEL J181LA, 100A, 347/600V, 3PH, 4W, TO REMAIN.
- 2 EXISTING PANEL J181HA, 225A, 347/600V, 3PH, 4W, TO REMAIN.
- 3 EXISTING PANEL J181EC, 120/208V, 3PH, 4W, TO REMAIN.
- 4 EXISTING PANEL J182FA, 600A, 347/600V, 3PH, 4W, TO BE REMOVED.
- 5 EXISTING 75KVA TRANSFORMER J182T1, 600:120/208V, 3P, TO REMAIN.
- 6 EXISTING PANEL J182DA, 225A, 120/208V, 3PH, 4W, TO BE REMOVED.
- 7 EXISTING 45KVA TRANSFORMER J182T2, 600:120/208V, 3P, TO REMAIN.
- 8 EXISTING MCC NO. 1 (J18), TO BE REMOVED.
- 9 EXISTING DDC PANEL, TO REMAIN.

EXISTING PENTHOUSE J18 FLOOR PLAN

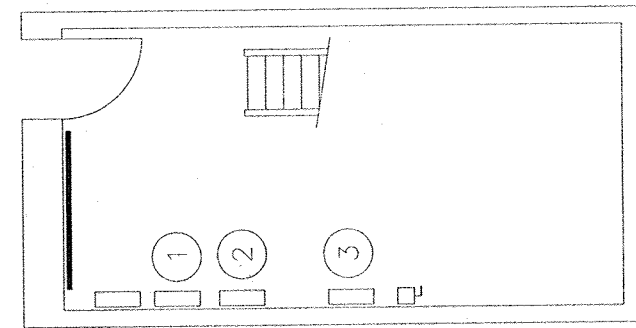
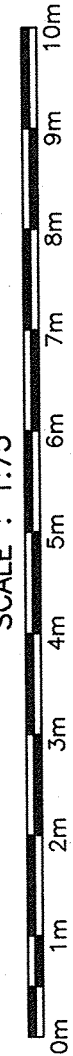
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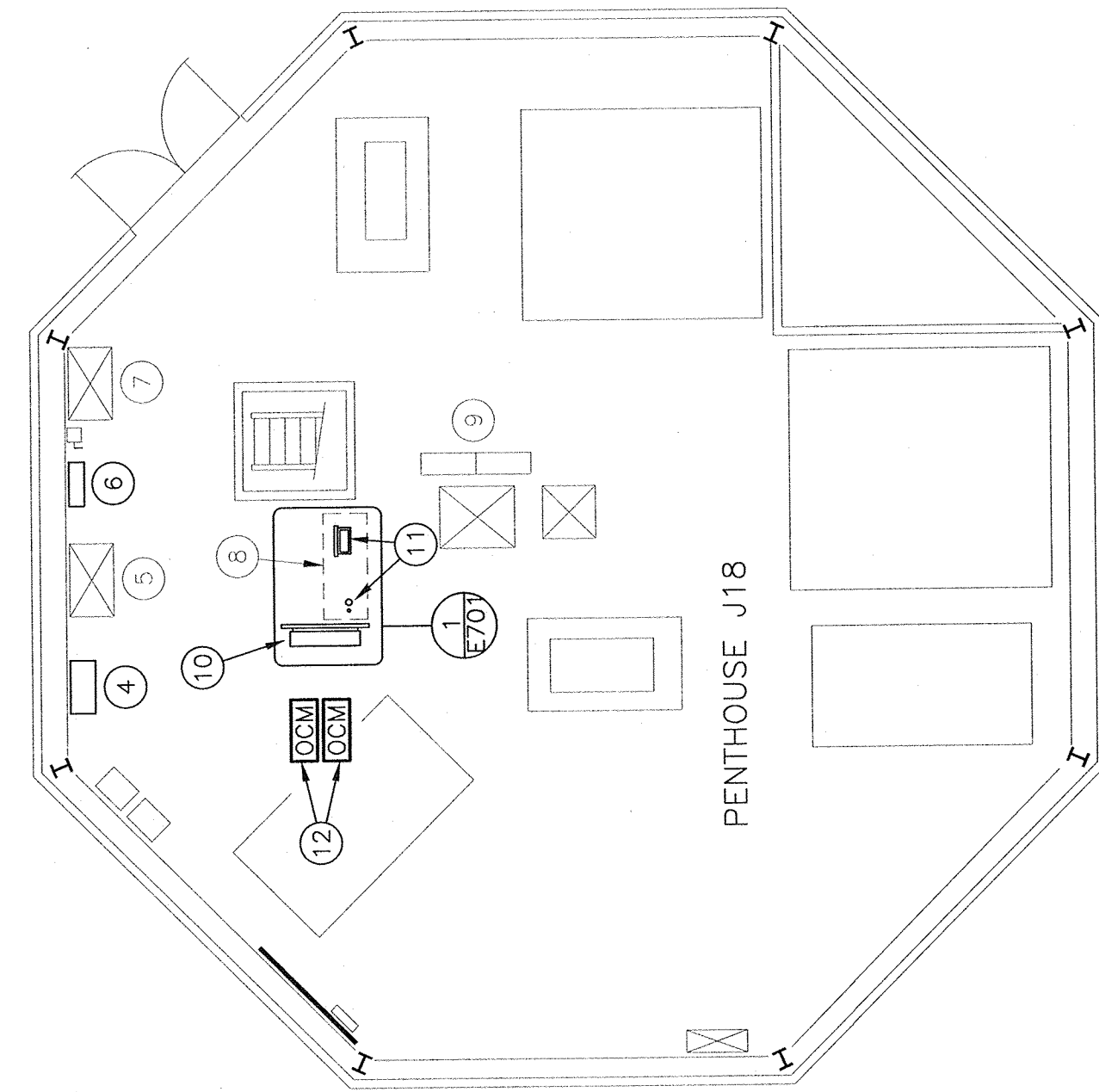


- 1 EXISTING PANEL J122PA, 800A, 347/600V, 3PH, 4W, TO BE REMOVED.
- 2 EXISTING PANEL J122DA, 400A, 120/208V, 3PH, 4W, TO BE REMOVED.
- 3 EXISTING PANEL J122HB, 225A, 347/600V, 3PH, 4W, TO REMAIN.
- 4 EXISTING PANEL J122LA, 225A, 347/600V, 3PH, 4W, TO REMAIN.
- 5 EXISTING GROUND BUS, TO REMAIN.
- 6 EXISTING 112.5KVA TRANSFORMER J122T1, 600:120/208V, TO REMAIN.
- 7 EXISTING DCS PANEL, TO REMAIN.
- 8 EXISTING 225A, 600V SPLITTER TO BE REMOVED AND REPLACED WITH NEW LENGTH TO MATCH EXISTING.
- 9 EXISTING 600V, 100A FUSED DISCONNECT (FUSED AT 80A) FOR ELEVATOR H11 TO BE REMOVED AND REPLACED WITH NEW TO MATCH EXISTING. EXTEND CONDUIT AND WIRING AS REQUIRED TO ACCOMMODATE NEW INSTALLATION.
- 10 EXISTING COMBINATION STARTER FOR J12 RETURN FAN TO BE REMOVED AND REPLACED WITH NEW TO MATCH EXISTING. EXTEND CONDUIT AND WIRING AS REQUIRED TO ACCOMMODATE NEW INSTALLATION, SEE DRAWING E705 FOR TYPICAL DETAILS
- 11 EXISTING COMBINATION STARTER FOR J12 SUPPLY FAN TO BE REMOVED AND REPLACED WITH NEW TO MATCH EXISTING. EXTEND CONDUIT AND WIRING AS REQUIRED TO ACCOMMODATE NEW INSTALLATION, SEE DRAWING E705 FOR TYPICAL DETAILS.
- 12 EXISTING 60A FUSED DISCONNECT (FUSED AT 60A) FOR COMPRESSOR J12 TO BE REMOVED AND REPLACED WITH NEW TO MATCH EXISTING. EXTEND CONDUIT AND WIRING AS REQUIRED TO ACCOMMODATE NEW INSTALLATION.
- 13 EXISTING COMBINATION STARTER FOR J12 CONDENSOR TO BE REMOVED AND REPLACED WITH NEW TO MATCH EXISTING. EXTEND CONDUIT AND WIRING AS REQUIRED TO ACCOMMODATE NEW INSTALLATION, SEE DRAWING E705 FOR TYPICAL DETAILS.
- 14 EXISTING 200A, 600V FUSED DISCONNECT (FUSED AT 125A) FOR SCR HEAT COIL, TO BE REMOVED AND REPLACED WITH NEW TO MATCH EXISTING. EXTEND CONDUIT AND WIRING AS REQUIRED TO ACCOMMODATE NEW INSTALLATION.
- 15 EXISTING SCR CONTROLLER FOR J12 HEATING COIL (100A, 690V, 600V, 3A, 3W) TO BE REMOVED AND REPLACED WITH NEW TO MATCH EXISTING. EXTEND CONDUIT AND WIRING AS REQUIRED TO MATCH EXISTING. PROVIDE NEW WIRE AND CONDUIT AS REQUIRED TO ACCOMMODATE NEW INSTALLATION.

EXISTING PENTHOUSE J12 FLOOR PLAN



SERVICE SPACE L2



- 1 EXISTING PANEL J181LA, 100A, 347/600V, 3PH, 4W.
- 2 EXISTING PANEL J181HA, 225A, 347/600V, 3PH, 4W.
- 3 EXISTING PANEL J181EC, 120/208V, 3PH, 4W.
- 4 NEW PANEL J182PA, 600A, 347/600V, 3PH, 4W. SEE RISER DIAGRAM FOR DETAILS.
- 5 EXISTING 75KVA TRANSFORMER J182T1, 600:120/208V, 3P.
- 6 NEW 225A PANEL J182DA, 120/208V, 3PH, 4W. SEE PANEL SCHEDULE FOR BREAKER DETAILS.
- 7 EXISTING 45KVA TRANSFORMER J182T21, 600:120/208V, 3P.
- 8 OUTLINE OF REMOVED MCC NO. 1 (J18), SHOWN FOR REFERENCE ONLY.
- 9 EXISTING DDC PANEL.

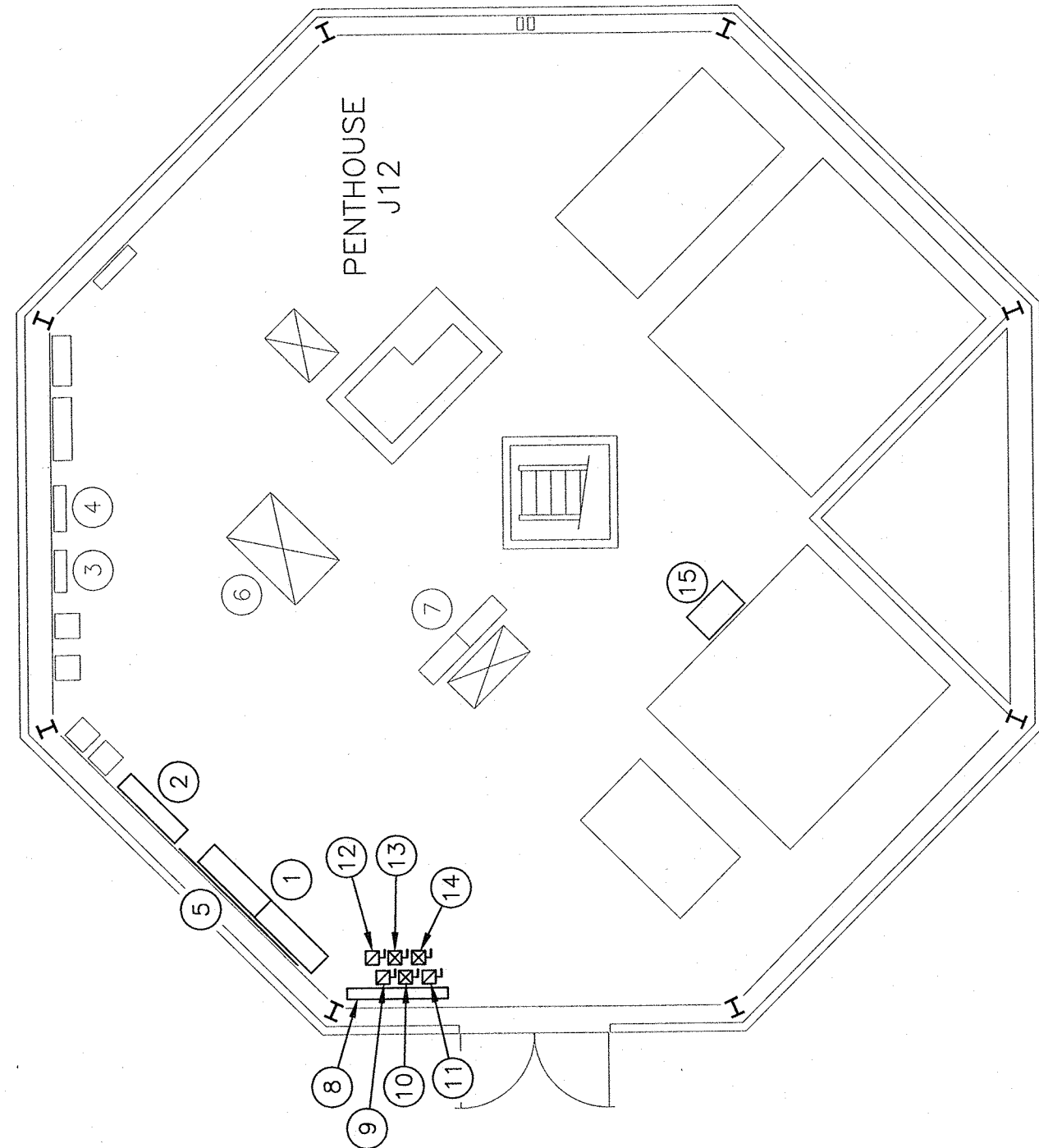
- 10 NEW COMBINATION STARTER/CIRCUIT BREAKER ASSEMBLY, SEE RISER DIAGRAM 2/E-606 FOR EQUIPMENT LIST. STARTERS NOT INDICATED TO BE REPLACED ARE TO BE REMOVED, INCLUDING ALL ASSOCIATED CONTROL, WIRING AND CONTROLS.
- 11 EXISTING HOLE IN FLOOR TO BE FILLED WITH CONCRETE. EXISTING CONDUITS PENETRATING PENTHOUSE FLOOR TO BE SEALED. EXACT SIZE OF OPENING AND QUANTITY OF CONCRETE TO BE CONFIRMED ON SITE.
- 12 TYPICALLY PROVIDE TWO ADDRESSABLE FIRE ALARM OUTPUT CABLE, 12mm CONDUIT FROM STARTER TO OCM. LOCATION OF OCMs TO BE CONFIRMED ON SITE. PROVIDE TWO ADDRESSABLE FIRE ALARM SHUTDOWN AND PROVIDE TWO CABLE, 12mm CONDUIT FROM STARTER TO OCM. LOCATION OF OCMs TO BE CONFIRMED ON SITE. STARTERS THAT REQUIRE SHUTDOWN AND PROVIDE TWO CABLE, 12mm CONDUIT FROM STARTER TO OCM. LOCATION OF OCMs TO BE CONFIRMED ON SITE.

REVISED PENTHOUSE J18 FLOOR PLAN

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- 1 NEW 800A PANEL J122PA, 347/600V, 3PH, 4W, SEE RISER DIAGRAM FOR BREAKER DETAILS.
- 2 NEW 400A PANEL J122PA, 120/208V, 3PH, 4W, SEE PANEL SCHEDULE FOR BREAKER DETAILS.
- 3 EXISTING PANEL J122HB, 225A, 347/600V, 3PH, 4W.
- 4 EXISTING PANEL J122LA, 225A, 347/600V, 3PH, 4W.
- 5 EXISTING GROUND BUS.
- 6 EXISTING 112.5KVA TRANSFORMER J122T1, 600:120/208V.
- 7 EXISTING DCC PANEL.
- 8 NEW 225A 600V SPLITTER.
- 9 NEW 600V, 100A FUSED DISCONNECT (FUSED AT 80A) FOR ELEVATOR H-1.
- 10 NEW COMBINATION STARTER FOR J12 RETURN FAN.
- 11 NEW COMBINATION STARTER FOR J12 SUPPLY FAN.
- 12 NEW 600V, 60A FUSED DISCONNECT (FUSED AT 60A) FOR COMPRESSOR J12.
- 13 NEW COMBINATION STARTER FOR J12 CONDENSOR.
- 14 NEW 600V, 200A FUSED DISCONNECT (FUSED AT 125A) FOR SO HEAT COIL.
- 15 NEW SCR CONTROLLER FOR J12 HEATING COIL (100A, 98KW, 600V, 3Ø, 3W).

REVISED PENTHOUSE J12 FLOOR PLAN

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