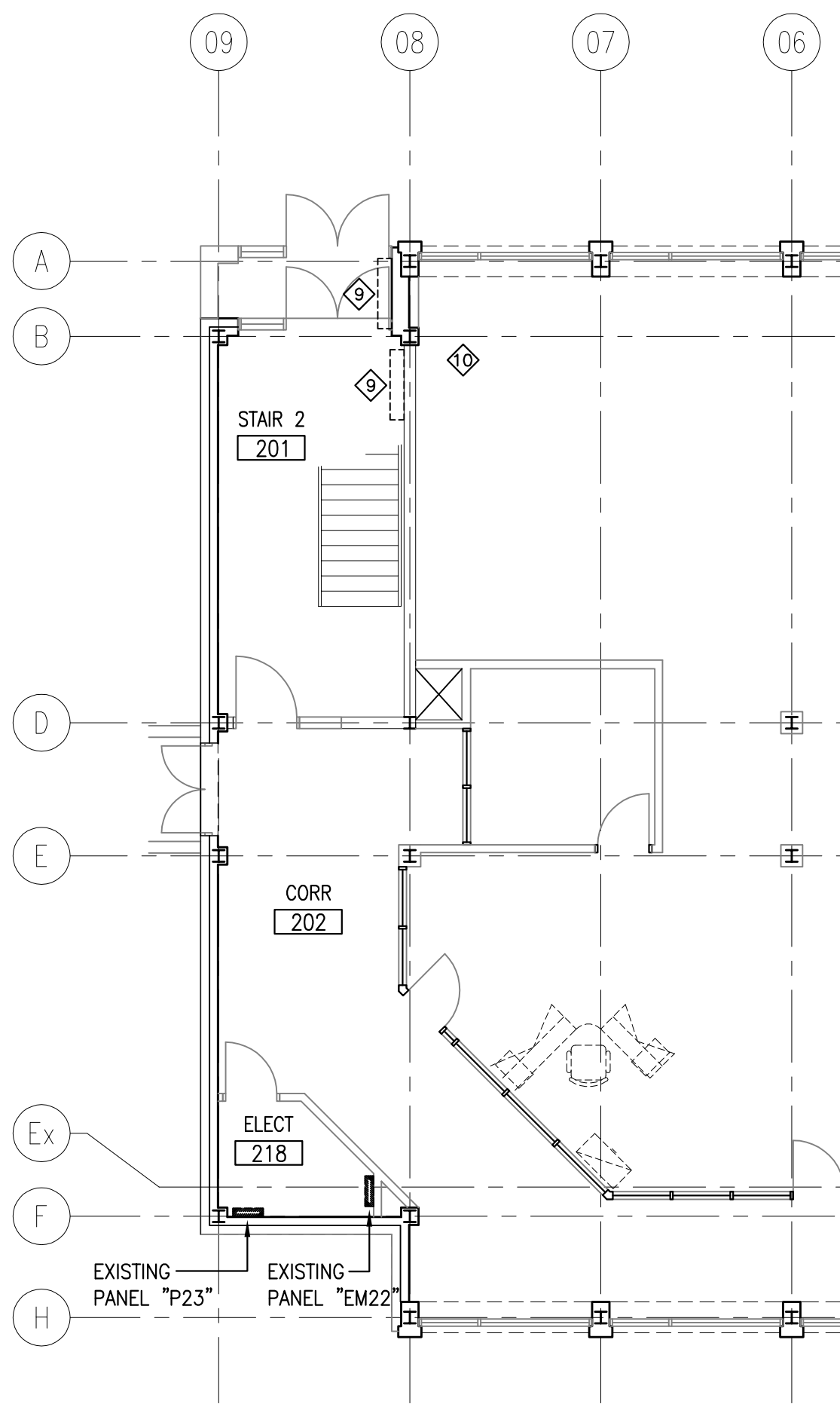


ELECTRICAL NOTES:

- INDICATED BY THE SYMBOL ON THE DRAWINGS. (I.E. INDICATES NOTE 1)
- NOTE 1: EXISTING SPARE 3P-600A FUSIBLE SWITCH LOCATED IN SWITCHBOARD "PP1" SECTION. PROVIDES NEW FUSES.
- NOTE 2: EQUIPMENT TO BE RE-FED AS INDICATED ON NEW SINGLE LINE DIAGRAM, DRAWING E-102. EXISTING FEEDER TO BE REMOVED.
- NOTE 3: EXISTING CONTROL PANEL TO BE RELOCATED ABOVE HEIGHT OF NEW ATS AND ROTATED TO FACE PANEL PP4.
- NOTE 4: PROVIDE A NEW TYPE 1, 2-LAMP, T8, 1220mm LONG INDUSTRIAL FLUORESCENT LIGHT FIXTURE AND SUSPEND TO MATCH EXISTING MOUNTING HEIGHT. EXTEND EXISTING BOILER ROOM LIGHTING CIRCUITRY TO NEW LIGHT FIXTURE.
- NOTE 5: NEW CONDUITS SHALL NOT BE ROUTED IN CEILING AREA BETWEEN NEW AND EXISTING DISTRIBUTION EQUIPMENT. EXACT ROUTING TO BE COORDINATED ON SITE WITH THE DEPARTMENTAL REPRESENTATIVE.
- NOTE 6: PROVIDE 1 X CAT5 IN 21mm EMT CONDUIT FROM ATS#6 TO DATA TELEPHONE ROOM 116. SEE DRAWING E-104.
- NOTE 7: PROVIDE HOUSEKEEPING PADS FOR ELECTRICAL EQUIPMENT.
- NOTE 8: EXISTING PUMPS "P7" & "P8" CURRENTLY FED FROM THE SWITCHBOARD "PP1" SHALL BE RE-FED FROM THE NEW 347/600V EMERGENCY PANEL. EXTEND EXISTING CIRCUITRY TO NEW EMERGENCY PANEL. REDUNDANT CIRCUITRY TO BE REMOVED.
- NOTE 9: EXISTING SECOND LEVEL STAIRWELL AND VESTIBULE FORCE FLOW HEATERS TO BE RE-FED FROM A NEW 1P-15A BREAKER IN PANEL "EM22" (CCT# 5). NEW BREAKER FRAME TO MATCH EXISTING. REDUNDANT CIRCUITRY TO BE REMOVED.
- NOTE 10: EXISTING SECOND LEVEL VAV CONTROL PANEL TO BE RE-FED FROM A NEW 1P-15A BREAKER IN PANEL "EM22" (CCT# 10). EXACT LOCATION OF CONTROL PANEL IN CEILING SPACE TO BE CONFIRMED ON SITE. NEW BREAKER FRAME TO MATCH EXISTING. REDUNDANT CIRCUITRY TO BE REMOVED.
- NOTE 11: EXISTING FOURTH LEVEL STAIRWELL FORCE FLOW HEATER TO BE RE-FED FROM A NEW 1P-15A BREAKER IN PANEL "EM42" (CCT# 5). NEW BREAKER FRAME TO MATCH EXISTING. REDUNDANT CIRCUITRY TO BE REMOVED.
- NOTE 12: EXISTING FOURTH LEVEL VAV CONTROL PANEL TO BE RE-FED FROM A NEW 1P-15A BREAKER IN PANEL "EM42" (CCT# 7). EXACT LOCATION OF CONTROL PANEL IN CEILING SPACE TO BE CONFIRMED ON SITE. NEW BREAKER FRAME TO MATCH EXISTING. REDUNDANT CIRCUITRY TO BE REMOVED.

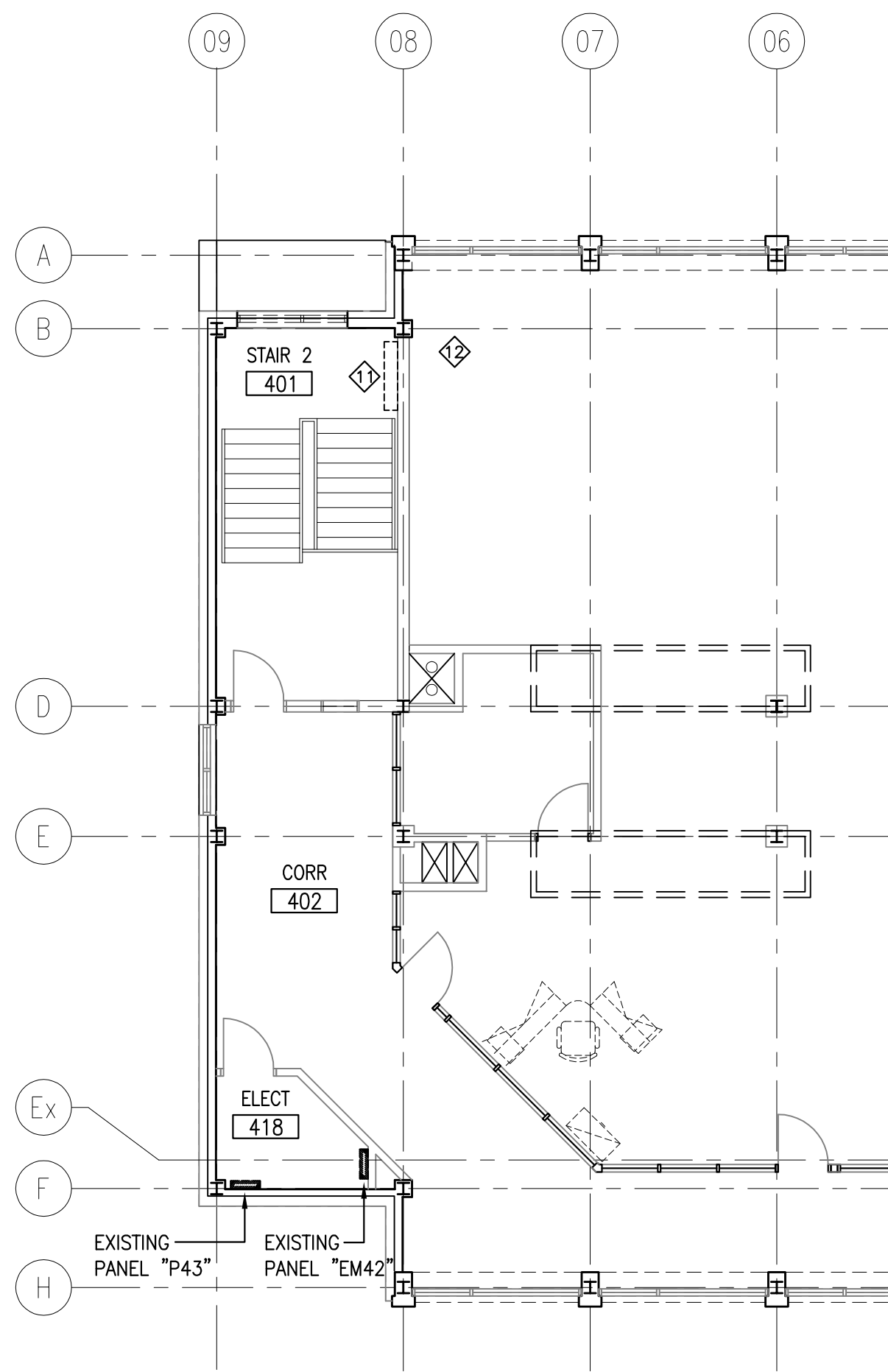
ELECTRICAL - GROUND LEVEL

SCALE : 1:100



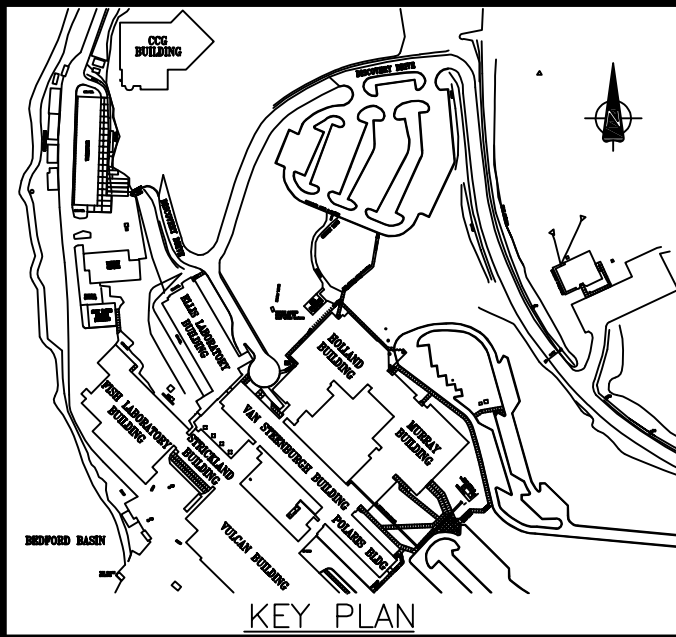
ELECTRICAL - PARTIAL SECOND LEVEL

SCALE : 1:100



ELECTRICAL - PARTIAL FOURTH LEVEL

SCALE : 1:100



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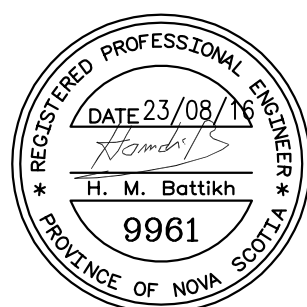


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ALL DIMENSIONS SHOWN ON STRUCTURAL DRAWINGS ARE FOR REFERENCE PURPOSES ONLY. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS.



4	ISSUED FOR TENDER	08/23/2016
3	RE-ISSUED FOR 100% REVIEW	07/18/2016
2	ISSUED FOR 100% REVIEW	06/15/2016
1	ISSUED FOR 70% REVIEW	04/08/2016

project BIO GENERATOR UPGRADES FOR CAMPUS HEATING SYSTEM  
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DARTMOUTH - NS

drawing VAN STEENBURG BUILDING GROUND SECOND & FOURTH LEVELS

designed PM	conqu
date JULY 2016	
drew PM	desiné
date JULY 2016	
approved HJB	approuvé
date JULY 2016	
Tender	Soumission
PM/SC Project Manager	Administrateur de projets TP/SC
project number	no. du projet
R.080319.001	
drawing no.	no. du dessin
E-103	