

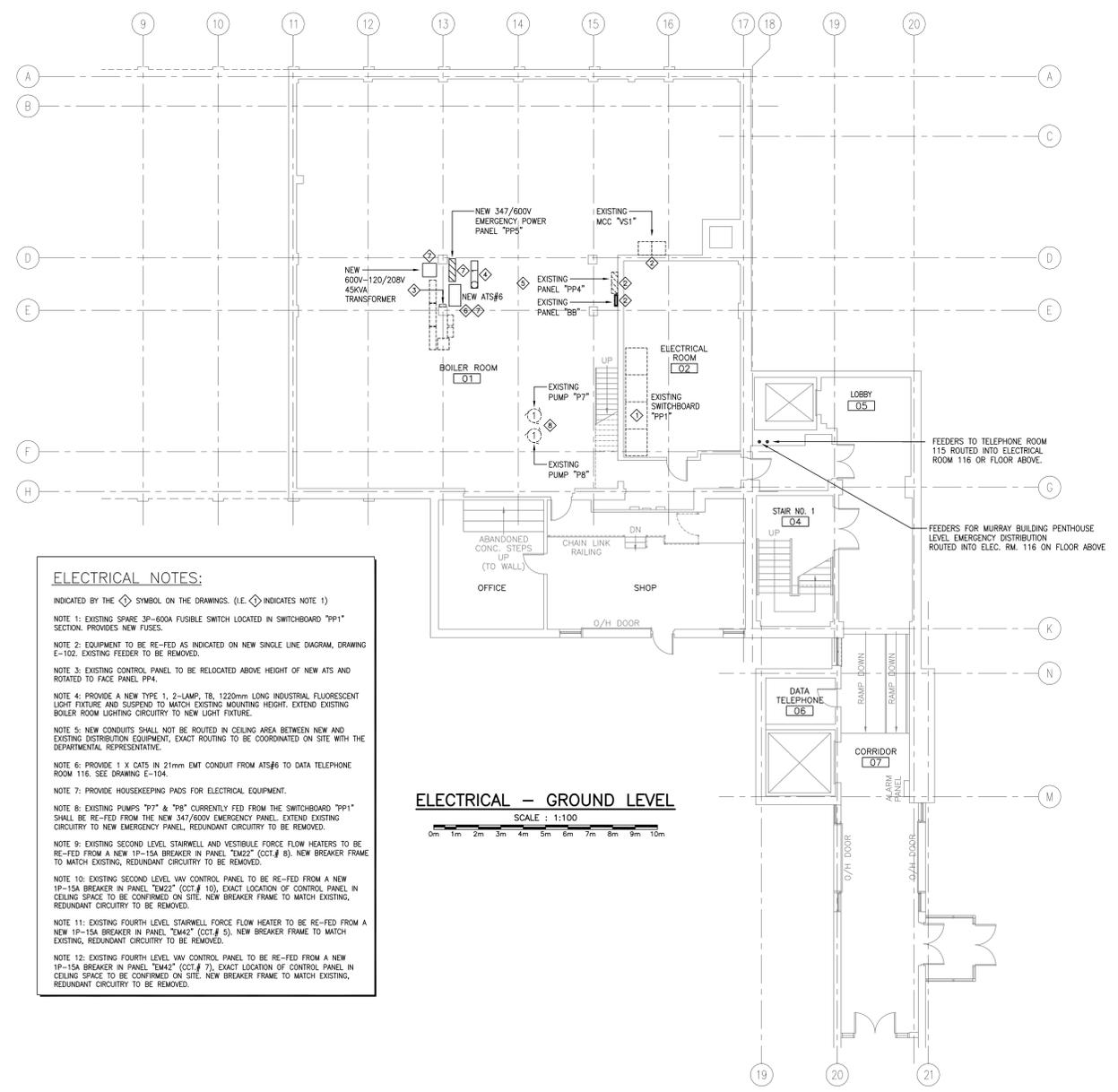
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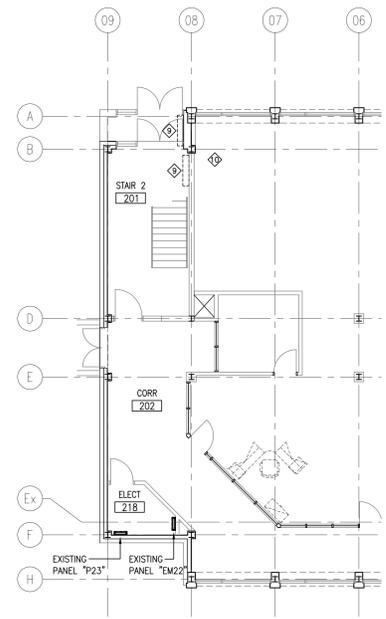


ALL DIMENSIONS SHOWN ON STRUCTURAL DRAWINGS ARE FOR REFERENCE PURPOSES ONLY. REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS.

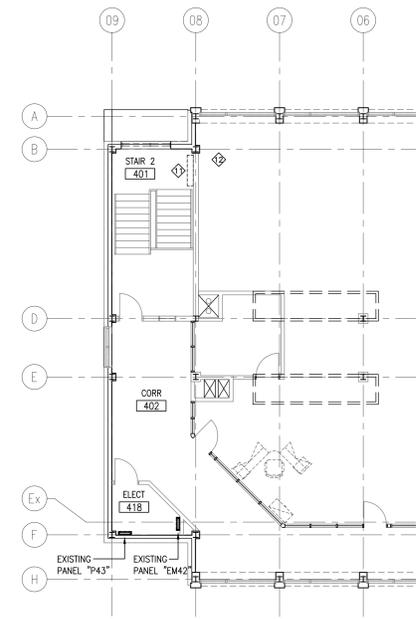


ELECTRICAL - GROUND LEVEL
SCALE : 1:100

- ELECTRICAL NOTES:**
INDICATED BY THE ◊ SYMBOL ON THE DRAWINGS. (I.E. ◊ INDICATES NOTE 1)
- NOTE 1: EXISTING SPARE 3P-800A 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# 4). 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 - PARTIAL SECOND LEVEL
SCALE : 1:100



ELECTRICAL - PARTIAL FOURTH LEVEL
SCALE : 1:100



| revision | note | date |
|----------|---------------------------|------------|
| 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 |

BIO GENERATOR UPGRADES FOR CAMPUS HEATING SYSTEM
BEDFORD INSTITUTE OCEANOGRAPHY
DARTMOUTH - NS

VAN STEENBURG BUILDING GROUND SECOND & FOURTH LEVELS

| | | |
|----------|-----------|----------|
| designed | PM | concur |
| date | JULY 2016 | |
| drawn | PM | designed |
| date | JULY 2016 | |
| approved | JB | approved |
| date | JULY 2016 | |

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