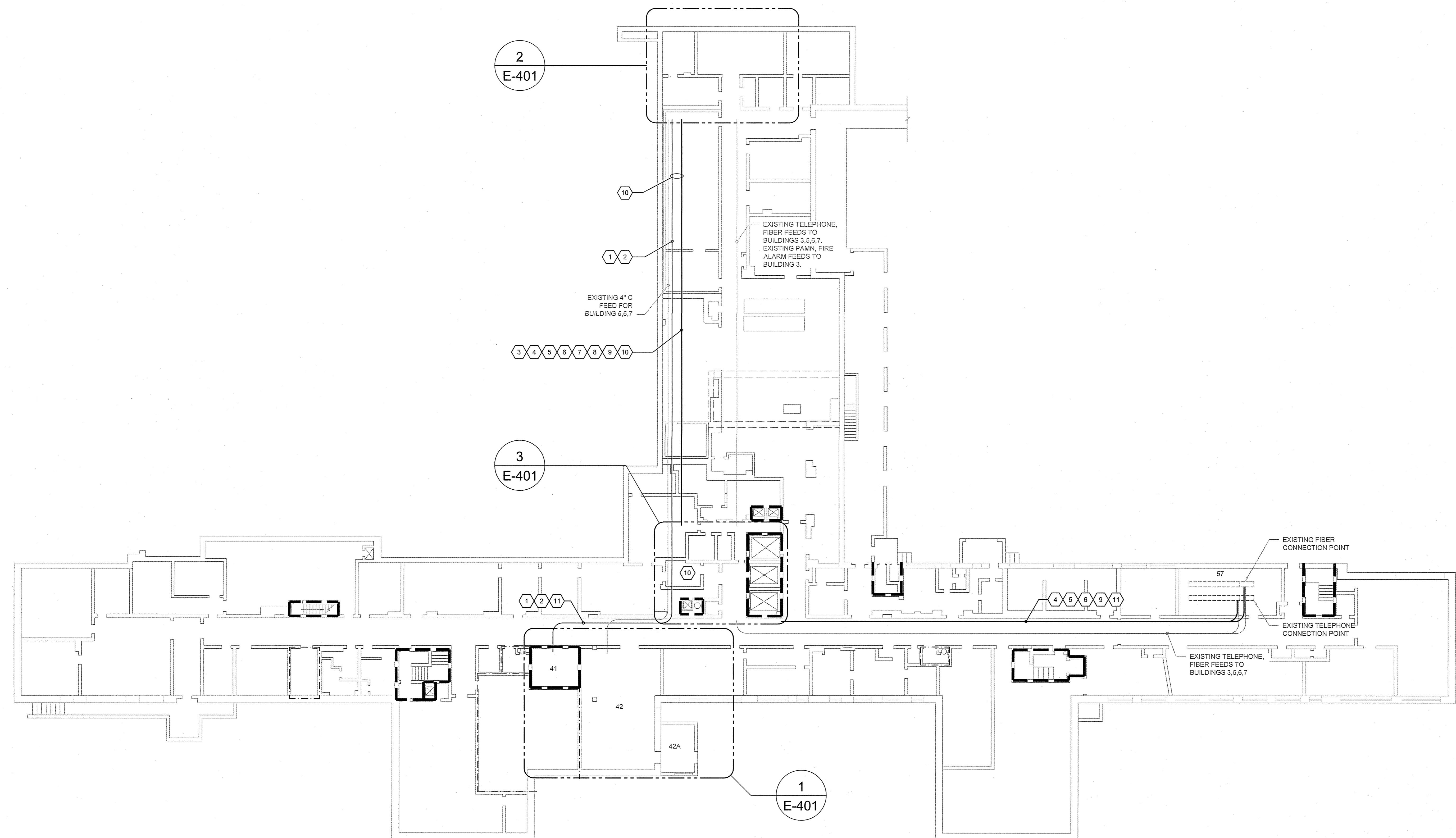


three inches = one foot
 one and one half inches = one foot
 one inch = one foot
 three quarters inch = one foot
 one half inch = one foot
 three eighths inch = one foot
 one quarter inch = one foot
 one eighth inch = one foot



1 BUILDING 1 - BASEMENT ELECTRICAL PLAN
 1/8" = 1'-0"

GENERAL NOTES

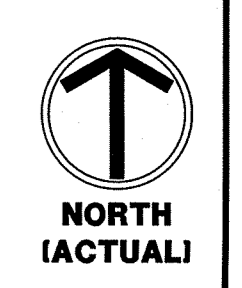
- CONTRACTOR SHALL VERIFY EXISTING CONDITIONS.
- ALL CONDUITS SHALL BE SEALED AFTER NEW CABLES ARE INSTALLED, TERMINATED, AND TESTED.
- ALL EXISTING CABLES SHALL BE REMOVED AFTER NEW CABLES ARE INSTALLED, TERMINATED, AND TESTED.
- ALL TELECOM TERMINATIONS BOARD EQUIPMENT, TELEPHONE CABLE, AND OIT RACK SHALL BE GROUNDED PER NEC AND BICSI STANDARD.
- ALL SPARE CONDUITS IN MANHOLES SHALL BE SEALED WITH AN APPROVED SEALANT.
- PROVIDE A MINIMUM OF 15 FOOT LOOP FOR EVERY NEW CABLE.
- CONTRACTOR SHALL SUPPORT ALL NEW CABLES PER BICSI STANDARDS.
- PROVIDE SERVICE ENTRANCE PROTECTION AT EACH END FOR ALL COPPER LOW-VOLTAGE CABLING.
- ALL EXISTING CONDITIONS/DRAWINGS ARE BASED ON BEST AVAILABLE INFORMATION AT THE TIME OF SURVEY AND VISUAL INSPECTION CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS.

KEY NOTES

- CONTRACTOR SHALL PROVIDE (2) 6" CONDUIT FROM LOAD SIDE OF 'ATS-11' TO NEW MANHOLE WITH 3-750KCMIL, 1-1 AWG EG IN ONE 6" C, THE SECOND 6" C SHALL BE SPARE.
- CONTRACTOR SHALL PROVIDE CONDUIT TRAPEZE SUPPORTS. SEE DETAIL FOR MORE INFORMATION.
- PROVIDE (2) 4" C AND (2) 3" C BETWEEN PULL BOX SHOWN IN DETAIL 3-E-401 AND MANHOLE MH#1. SEE ES101 AND E-501 FOR MORE INFORMATION.
- PROVIDE 72 SINGLE MODE INDOOR/OUTDOOR TIGHT-BUFFERED INTERLOCK ARMORED FIBER OPTIC FROM OIT ROOM 57 TO BUILDING 3 BASEMENT OIT RACK THROUGH THE CONDUITS, PULL BOXES, AND MANHOLES MH#1 AND MH#2.
- PROVIDE 24 MULTI-MODE (50 MICRON OM4) INDOOR/OUTDOOR TIGHT-BUFFERED INTERLOCK ARMORED FIBER OPTIC FROM OIT ROOM 57 TO BUILDING 3 BASEMENT OIT RACK THROUGH THE CONDUITS, PULL BOXES, AND MANHOLES MH#1 AND MH#2.
- PROVIDE 100 PAIR INDOOR/OUTDOOR CAT3 TELEPHONE CABLE FROM OIT ROOM 57 TO BUILDING 3 BASEMENT OIT RACK THROUGH THE CONDUITS, PULL BOXES, AND MANHOLES MH#1 AND MH#2.
- CONTRACTOR SHALL PROVIDE 6 MULTI-MODE 62.5 MICRON OM4 FIBER IN 2" C TO PULL BOX AND 6 MULTI-MODE 62.5 MICRON OM4 FIBER FROM PULL BOX SHOWN IN DETAIL 3-E-401 TO BUILDING 3 BASEMENT FIRE ALARM PANEL THROUGH THE CONDUITS, PULL BOXES, AND MANHOLES MH#1 AND MH#2.
- CONTRACTOR SHALL PROVIDE 2-14 AWG, 14 AWG EG, IN 1" C FROM EXISTING PAINM CABINET TO TO PULL BOX SHOWN IN DETAIL 3-E-401 AND CONTINUE TO BUILDING 3 BASEMENT PAINM BOX THROUGH THE CONDUITS, PULL BOXES, AND MANHOLES MH#1 AND MH#2.
- THIS IS A PROPOSED ROUTING PER SITE VISIT AND VISUAL INSPECTION, IF THE CONTRACTOR PROPOSES A NEW ROUTE, THEY SHALL SUBMIT THE NEW PROPOSED ROUTING TO THE COR FOR APPROVAL.
- THE WORK IN THIS AREA SHALL BE ABOVE EXISTING LAY IN CEILING, HARD CEILINGS, ABOVE WALK IN COOLERS AND FREEZER WITH LIMITED SPARE. CONTRACTOR IS ENCOURAGED TO VISIT THE JOB SITE AND VERIFY ALL EXISTING CONDITIONS.
- CONDUIT SHALL BE RUN ABOVE THE EXISTING CEILING BETWEEN 8" AND 10'-4" PER SITE VISIT AND VISUAL INSPECTION. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS.

WALL RATING LEGEND

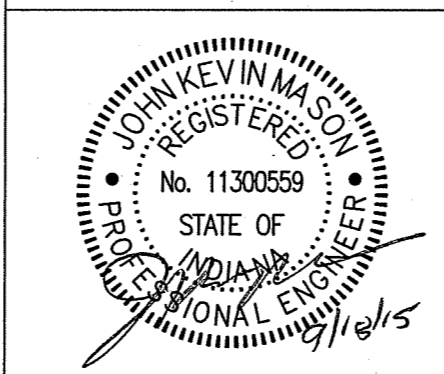
- 1 HOUR FIRE BARRIER
- 2 HOUR FIRE BARRIER



100% CONSTRUCTION DOCUMENTS

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ARCHITECT/ENGINEERS:



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Drawing Title
BUILDING 1 - BASEMENT ELECTRICAL PLAN

Project Title
REPLACE MAIN ELECTRICAL TO OUT-BUILDINGS

Project Number
 610A4-12-188

Approved: Project Director

Location
FORT WAYNE, IN

Building Numbers
 1,3,5,6,7,10,T4,T5,T6

Date
9/18/2015

Checked
 JKM

Drawing Number
E-102
 Dwg. 31 of 48

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