

GENERAL NOTES

- RESTORE DISTURBED WALLS TO ITS ORIGINAL CONDITION. FINISH AND PAINT DAMAGED WALL AREAS. PAINT SHALL MATCH EXISTING.
- UPDATE DIRECTORIES OF ALL PANELBOARDS TO REFLECT TYPE AND LOCATION OF THE ADDED CIRCUITS. NEW DIRECTORIES SHALL BE TYPED DESCRIBING NEW AND EXISTING CIRCUITS.
- CONTRACTOR SHALL PROVIDE ALL WORK REQUIRED TO PROVIDE COMPLETE CONDUIT SYSTEMS AND RUNS. THIS INCLUDES, BUT IS NOT LIMITED TO, ALL MATERIALS, INSTALLATION HARDWARE, DRILLING OF WALLS/BEAMS, MOUNTING HARDWARE, LABOR, PAINTING, REPAIRING OF EXISTING SURFACES, FIRESTOPPING AND ACCESSORIES.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROPERLY SEALING ANY VISIBLE PENETRATION THROUGH ANY WALL, FLOOR, OR CEILING AND MUST BE FIRE STOPPED TO A MINIMUM OF SMOKE TIGHT REGARDLESS OF THE RATING OF THE WALL, FLOOR, OR CEILING.
- CONTRACTOR SHALL BE RESPONSIBLE FOR NOTIFYING ENGINEER OF ANY ITEMS OF NON-COMPLIANCE WHETHER IT IS THE RESULT OF NEW WORK OR IS AN UNCOVERED EXISTING CONDITION.
- CONDUITS SHALL BE CONCEALED IN WALLS, ABOVE CEILING SPACE, OR UNDERGROUND. SURFACE MOUNTED CONDUITS WILL BE PERMITTED ON CONCRETE WALLS, MECHANICAL AND ELECTRICAL ROOMS.

DEMOLITION NOTES:

- THERE SHALL NOT BE ANY INTERRUPTION TO SERVICES TO THE EXISTING BUILDINGS WITHOUT PRIOR SCHEDULING OF SUCH OUTAGES WITH THE OWNER'S REPRESENTATIVE.
- THE CONTRACTOR SHALL NOT TAKE POSSESSION OF OR DISPOSE OF ANY SALVAGEABLE ITEMS IN ASSOCIATION WITH THE WORK. OWNER HAS FIRST RIGHT OF REFUSAL. CONTACT ELTON BROWN AT 620-2468. ALL UNSALVAGEABLE EQUIPMENT AND MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE. EXISTING LIFE SAFETY EQUIPMENT SHALL BE REMOVED BY OWNER.
- THE ELECTRICAL CONTRACTOR SHALL MAINTAIN ACCURATE RECORDS OF ANY MODIFICATIONS TO EXISTING SYSTEMS AND SHALL UPON COMPLETION, DELIVER "AS-BUILT" DRAWINGS TO THE OWNER, INDICATING ANY SUCH CHANGES.
- WHERE FEEDERS ARE ABANDONED, WIRE SHALL BE PULLED OUT AND ALL EXPOSED SECTIONS OF CONDUITS REMOVED. ALL SWITCHES, PANELS, ETC. SHALL BE REMOVED. ALL CONCEALED CONDUITS SHALL BE CAPPED AT POINT OF CONCEALMENT.
- ALL EXISTING DEVICES AND FIXTURES IN THE PATH OF RENOVATION OR BUILDING ADDITIONS SHALL BE REMOVED BY THE CONTRACTOR. CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN EXISTING CIRCUITRY TO ALL REMAINING DEVICES AND FIXTURES. FOR EACH DEVICE OR FIXTURE REMOVED AT THE END OF A CIRCUIT, CONTRACTOR SHALL REMOVE WIRING FROM LAST REMAINING DEVICE, FOR EACH DEVICE OR FIXTURE REMOVED IN THE MIDDLE OF A CIRCUIT, CONTRACTOR SHALL REMOVE WIRING FROM FIRST DEVICE OR FIXTURE BEFORE AND AFTER REMOVED DEVICE AND FIXTURE. NEW WIRING, SIZED THE SAME AS EXISTING, SHALL BE PULLED BETWEEN THE TWO REMAINING DEVICES OR FIXTURES.
- ALL EXISTING SWITCHES, RECEPTACLES, SPEAKERS, ETC. LOCATED AT OR NEAR THE LOCATION OF THE NEW DOORS SHALL BE RELOCATED AS REQUIRED BY THE CONTRACTOR. FIELD VERIFY EXACT LOCATIONS WITH OWNER. PROVIDE ALL MATERIALS REQUIRED TO RELOCATE ELECTRICAL TO INCLUDE CONDUIT AND WIRING TO MATCH EXISTING, J-BOXES, AND ALL OTHER MATERIALS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM AFTER RELOCATION.
- CONTRACTOR MAY REUSE EXISTING CONDUIT SYSTEM WHERE APPLICABLE, PROVIDING THE REUSED SYSTEMS MEET CURRENT CODES. REMOVE ALL UNUSED SURFACE MOUNTED CONDUIT. UNUSED CONDUITS STUBBING UP FROM FLOOR SHALL BE CUT FLUSH WITH FLOOR.
- EXISTING EQUIPMENT NOT SHOWN ON THESE PLANS AND NOT REMOVED BY OTHER TRADES SHALL BE RECONNECTED TO PANELS. EXISTING ELECTRICAL OR MECHANICAL EQUIPMENT TO REMAIN THAT HAS TO BE DISCONNECTED FOR CONSTRUCTION SHALL BE REINSTALLED.
- ELECTRICAL DRAWINGS DO NOT INDICATE ALL THE EXISTING INSTALLATIONS.
- ALL EXISTING SWITCHES, RECEPTACLES, LIGHTING FIXTURES, TELEPHONE OUTLETS, ETC. THAT DO NOT INTERFERE WITH RENOVATIONS SHALL REMAIN.
- CONTRACTOR SHALL VISIT THE SITE PRIOR TO PREPARING HIS BID AND DETERMINE THE EXTENT OF EXISTING EQUIPMENT, EQUIPMENT ELECTRICAL REQUIREMENTS, AND WIRING TO ACCOMMODATE CHANGES AND ADDITIONS. ALL THE NECESSARY REROUTING, RELOCATING AND/OR REMOVAL OF EXISTING EQUIPMENT, WIRING ETC. SHALL BE INCLUDED IN THE SCOPE OF THIS WORK. ANY VARIATION FROM EXISTING CONDITIONS SHALL BE INCLUDED UNDER THIS CONTRACT.

ELECTRICAL LEGEND

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| | LIGHTING FIXTURE – RECESSED WITH JUNCTION BOX AND FLEXIBLE METALLIC CONDUIT CONNECTION. |
| | LIGHTING FIXTURE – RECESSED WITH JUNCTION BOX AND FLEXIBLE METALLIC WITH EMERGENCY POWER BALLAST. |
| | EXIT LIGHT – PROVIDE ARROWS AS INDICATED, SHADING DENOTES FACE OPERATION. DO NOT SWITCH. |
| | TOGGLE SWITCH – SINGLE POLE – QUIET TYPE 20 AMP, 120/277 VOLT, HUBBELL NO. HBL12211 WITH NO. NP11 COVERPLATE – 46" MOUNTING HEIGHT, U.N.O. |
| | VACANCY SENSOR – SWITCH, 120/277 VOLT, ADJUSTABLE DELAY OFF. WATT STOPPER #DW-100-I, IVORY COVERPLATE. 46" MOUNTING HEIGHT, U.N.O. |
| | LOW VOLTAGE MANUAL ON SWITCH – 46" MOUNTING HT, U.N.O. IVORY SWITCH AND COVERPLATE |
| | DIGITAL ON/OFF LIGHTING ROOM CONTROLLER. LOCATE IN ACCESSIBLE CEILING SPACE. SEE LIGHTING CONTROL DIAGRAMS. |
| | CEILING MOUNTED LOW VOLTAGE MOTION SENSOR--WATTSTOPPER DT-305. PROVIDE POWER PACKS AS REQUIRED. |
| | DUPLEX RECEPTACLE – 20 AMP, 120 VOLT, 3 WIRE GROUNDING, HUBBELL NO. HBL53511 WITH NO. NP8I COVERPLATE, 18" MOUNTING HEIGHT, U.N.O. |
| | FLOOR MOUNTED DUPLEX RECEPTACLE/20 AMP DUPLEX RECEPTACLE. HUBBELL NO. HBL53521. STEEL BOX HUBBELL B2429 WITH BRASS DUPLEX FLAPS S3825 WITH CARPET FLANGE. |
| | DUPLEX RECEPTACLE WITH GROUND FAULT INTERRUPTER, 20 AMP, 120 VOLT, 3 WIRE GROUNDING. HUBBELL NO. GFR53621TR WITH NO. NP26I COVERPLATE, 46" MOUNTING HEIGHT, U.N.O. |
| | POWER/DATA FLOOR OUTLETS, (2) 20 AMP DUPLEX RECEPTACLES, (2) RJ-45 JACKS, WIREMOLD BOX #RFB4-SS, (2) RFB-RB-SS DUPLEX PLATES, (2) RFB-3T-SS DATA PLATES WITH RAKMIII COVER. |
| | TELEPHONE/DATA OUTLET – 4" SQUARE 2 1/8" DEEP JUNCTION BOX WITH 1-GANG EXTENSION RING AND CAT 6 RJ-45 CONNECTOR. OUTLETS VOID OF NUMBER ARE (2) RJ-45 JACKS. 18" MOUNTING HEIGHT, U.N.O. (2) CAT6 CABLES TO NEAREST I.T. RACK. PROVIDE 1" CONDUIT FROM BOX TO CEILING SPACE. |
| | FURNITURE CONNECTION – DATA/VOICE. NUMBER INDICATES QUANTITY OF CAT6 CABLES TO NEAREST I.T. RACK. |
| | FURNITURE CONNECTION – POWER. |
| | WIRING IN CONDUIT, RUN CONCEALED IN SLAB OR UNDERGROUND. |
| | WIRING IN CONDUIT, RUN CONCEALED ABOVE CEILING OR IN WALLS. |
| | HOMERUN TO PANELBOARD – NUMBER OF ARROWS DENOTES QUANTITY OF CIRCUITS. CROSSMARKS INDICATE QUANTITY OF NO. 12 CONDUCTORS. RUNS VOID OF CROSSMARKS ARE 1/2 INCH CONDUIT, 3 NO. 12, U.N.O. DO NOT COMBINE HOMERUNS EXCEPT AS SPECIFICALLY INDICATED ON THE PLAN. |
| | WP DENOTES WEATHERPROOF – MOUNT RECEPTACLES HORIZONTALLY AND PROVIDE TAYMAC 60350 COVERPLATE, FOR SWITCHES PROVIDE TAYMAC 40110 COVERPLATE. |
| | U.N.O. UNLESS NOTED OTHERWISE. |
| | A.F.F. ABOVE FINISHED FLOOR. |
| | AC DENOTES MOUNTED ABOVE COUNTER HEIGHT. |
| | C DENOTES MOUNTED RECESSED IN CEILING SOFFIT. |
| | GG GREEN GROUND CONDUCTOR. |

FIRE ALARM

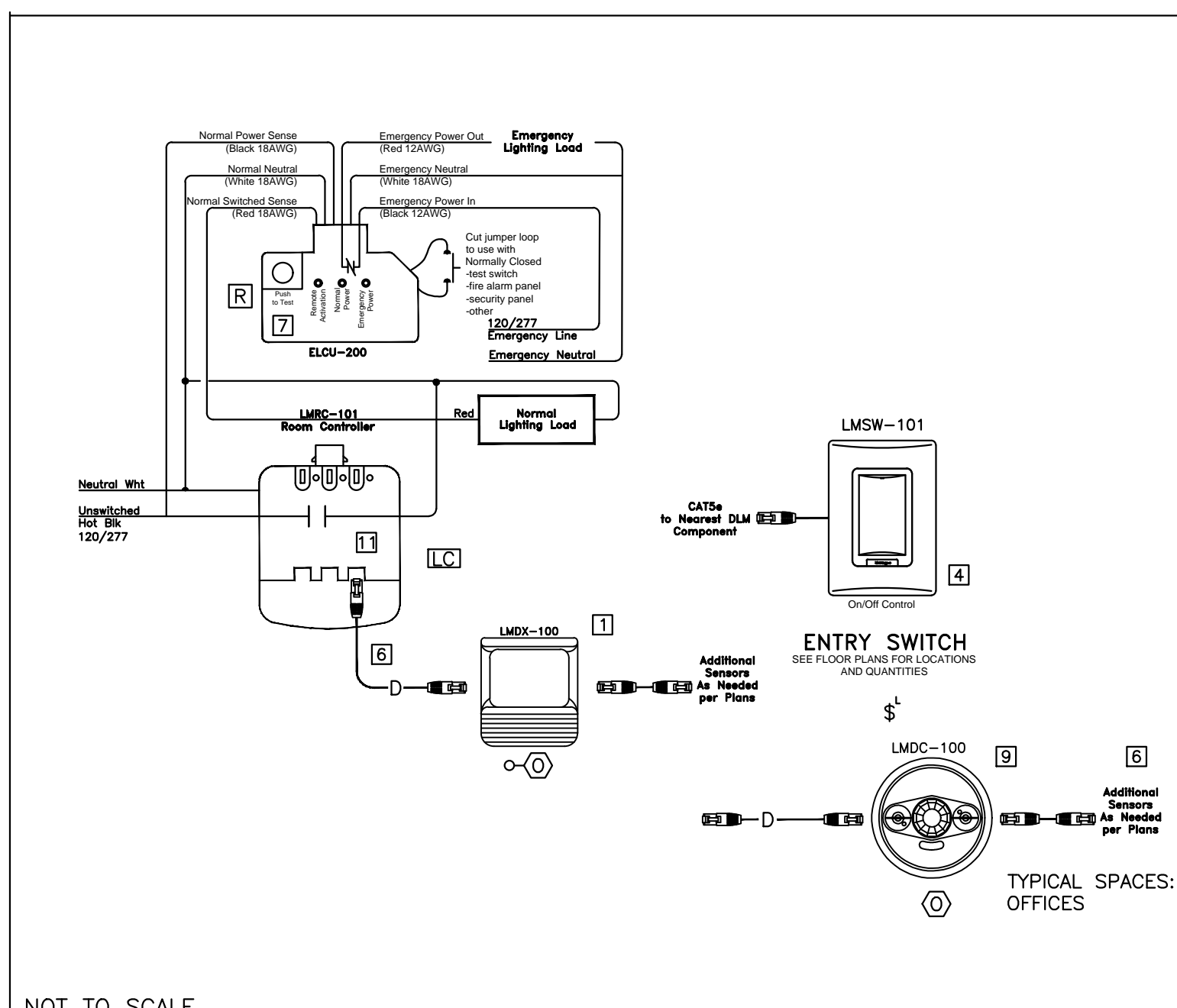
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| | SEMI-FLUSH MOUNTED FIRE ALARM AUDIBLE (SPEAKER)/VISUAL WARNING DEVICE, 80-9 INCH MOUNTING HEIGHT (FROM FLOOR TO BOTTOM OF LENS) OR 6" BELOW CEILING, WHICHEVER IS LESS. 110 INDICATES 110 CANDELAS. DEVICES NOT LABELED WITH 110 SHALL INDICATE 75 CANDELAS. 'C' DENOTES CEILING MOUNTED. |
| | CEILING MOUNTED SMOKE DETECTOR. |

EXISTING ELECTRICAL LEGEND

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| | EXISTING FLUORESCENT LIGHTING FIXTURE – RECESSED |
| | EXISTING FLUORESCENT LIGHTING FIXTURE WITH EMERGENCY BALLAST. |
| | EXISTING EMERGENCY LIGHTING FIXTURE. DO NOT SWITCH. |
| | EXISTING EXIT LIGHT |
| | EXISTING TOGGLE SWITCH – SINGLE POLE |
| | EXISTING DUPLEX RECEPTACLE – 20 AMP, 120 VOLT |
| | EXISTING SPECIAL PURPOSE RECEPTACLE |
| | EXISTING DUPLEX RECEPTACLE WITH GROUND FAULT INTERRUPTER |
| | EXISTING DATA/TELEPHONE OUTLET |
| | EXISTING LIGHTING AND/OR POWER PANELBOARD. |
| | EXISTING SURFACE MOUNTED WIREMOLD. |
| | EXISTING CLOCK. |

EXISTING FIRE ALARM

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| | EXISTING CEILING MOUNTED HEAT DETECTOR. |
| | EXISTING MANUAL FIRE ALARM PULL STATION |
| | EXISTING FIRE ALARM AUDIO/VISUAL WARNING DEVICE |



NOT TO SCALE

LIGHTING CONTROL DIAGRAM - ON/OFF, PLUG LOAD CONTROL EMERGENCY LIGHTING

- OCCUPANCY SENSOR, DIGITAL DUAL TECHNOLOGY, LIGHT CONTROL. QUANTITY AND TYPE OF SENSORS AS SHOWN ON FLOOR PLANS. PROVIDE FLUSH METAL OUTLET BOX. MOUNT OCCUPANCY SENSOR TO BOX. LOCATE INLINE COUPLER INSIDE BOX. SENSOR TO AUTO-COMMISSION TO MOST ENERGY SAVING, CODE COMPLIANT OPERATION, NO PROGRAMMING NEEDED.
 - ADJUSTABLE WALL: WATTSTOPPER LMDX-100.
- ONE BUTTON SWITCH – IVORY. WATTSTOPPER #LMSW-101-I. SEE FLOOR PLANS FOR DETAILS. PROGRAM SWITCH FOR MANUAL ON AND AUTOMATIC OFF. PROVIDE OUTLET BOX. 48" MOUNTING HEIGHT. SENSOR TO AUTO-COMMISSION TO MOST ENERGY SAVING, CODE COMPLIANT OPERATION, NO PROGRAMMING NEEDED. PROVIDE 3/4" CONDUIT FROM OUTLET TO CEILING SPACE.
 - POWER WIRES IN CONDUIT.
- WATTSTOPPER #LMRJ-P, LENGTHS AS REQUIRED. GREEN/BLACK STRIPS JACKET. CAT 5E PLENUM RATED DATA CABLE CONCEALED IN CEILING SPACE. SUPPORT FROM BUILDING STRUCTURE AT INTERVALS NOT TO EXCEED 30". CAT5E CABLES SHALL BE CONTINUOUS FROM SENSOR TO SENSOR OR FROM SENSOR TO SWITCH/RELAY. NO SPLICES.
 - RELAY BOX "EMERGENCY POWER" 120 – 277 VOLT RELAY, 30 AMP, WATTSTOPPER #ELCU-200. PROVIDE LABEL "EMERGENCY LIGHTING."
- SEQUENCE OF OPERATION: UPON THE LOSS OF NORMAL POWER, THE ELCU-200 SHALL BYPASS THE ROOM CONTROLLER AND FORCE THE EMERGENCY FIXTURES ON. THE ROOM CONTROLLER WILL FORCE THE DIMMED EMERGENCY FIXTURE TO 100%. THE ELCU-200 IS UL924 LISTED.
- OCCUPANCY SENSOR, DIGITAL DUAL TECHNOLOGY, LIGHT CONTROL. QUANTITY AND TYPE OF SENSORS AS SHOWN ON FLOOR PLANS. PROVIDE FLUSH METAL OUTLET BOX. MOUNT OCCUPANCY SENSOR TO BOX. LOCATE INLINE COUPLER INSIDE BOX. SENSOR TO AUTO-COMMISSION TO MOST ENERGY SAVING, CODE COMPLIANT OPERATION, NO PROGRAMMING NEEDED.
 - CEILING MOUNT: WATTSTOPPER LMDC-100.
- MANUAL ON/AUTOMATIC OFF, EXCEPT CORRIDORS, RESTROOMS AND LOBBIES: AUTOMATIC ON/OFF. POWER PACK SHALL BE GROUNDED TO INSURE SIGNAL INTEGRITY. LOCATE IN CEILING SPACE.

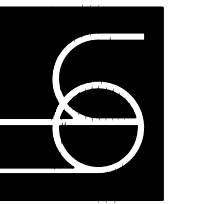
LIGHTING CONTROL DIAGRAM NOTES

LIGHTING FIXTURE SCHEDULE

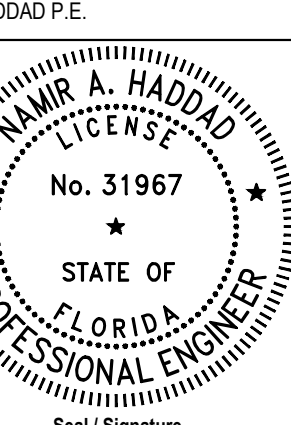
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|------|--------------|-------------------------|--------------|-------|--------|---------|-----------------|------------|-------|
| | | | TYPE/TEMP | WATTS | LUMENS | | | | |
| A | WILLIAMS | AT3-24-L40-8-40-DIM-UNV | LED/4000K | 44W | 4000 | 120/277 | CEILING | | |
| B | | | | | | | | | |
| E | EMERGI-LITE | ELXN-400RN | | | | 120/277 | CEILING | EXIT LIGHT | |

LIGHT FIXTURE SCHEDULE NOTES:

- SINGLE OR DOUBLE FACE AS INDICATED ON PLANS. IF CEILING EXCEEDS 9'-0" WALL MOUNT FIXTURE ABOVE DOOR.



ENGINEER LICENSE NO.
NAMIR A. HADDAD P.E. 31967



Seal / Signature

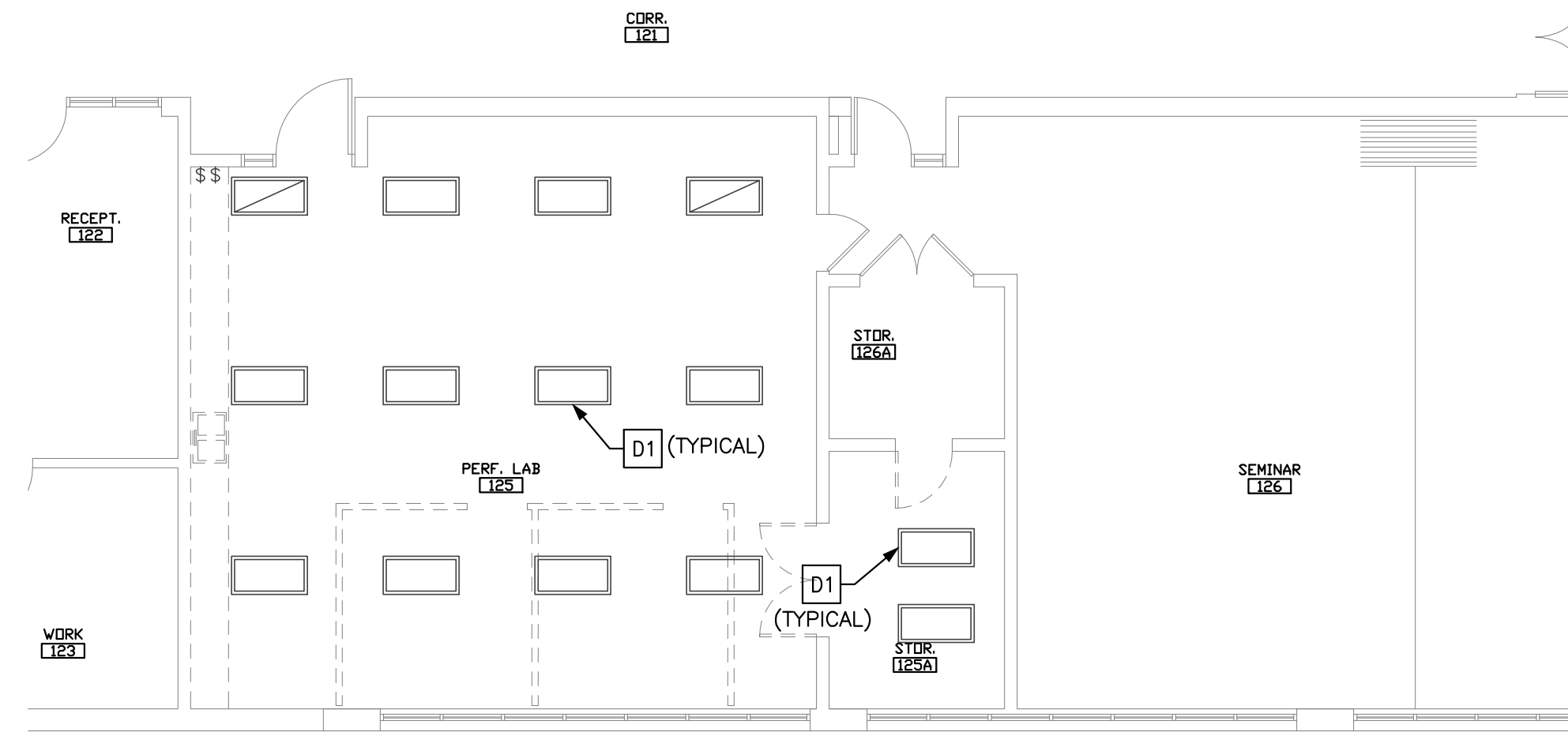
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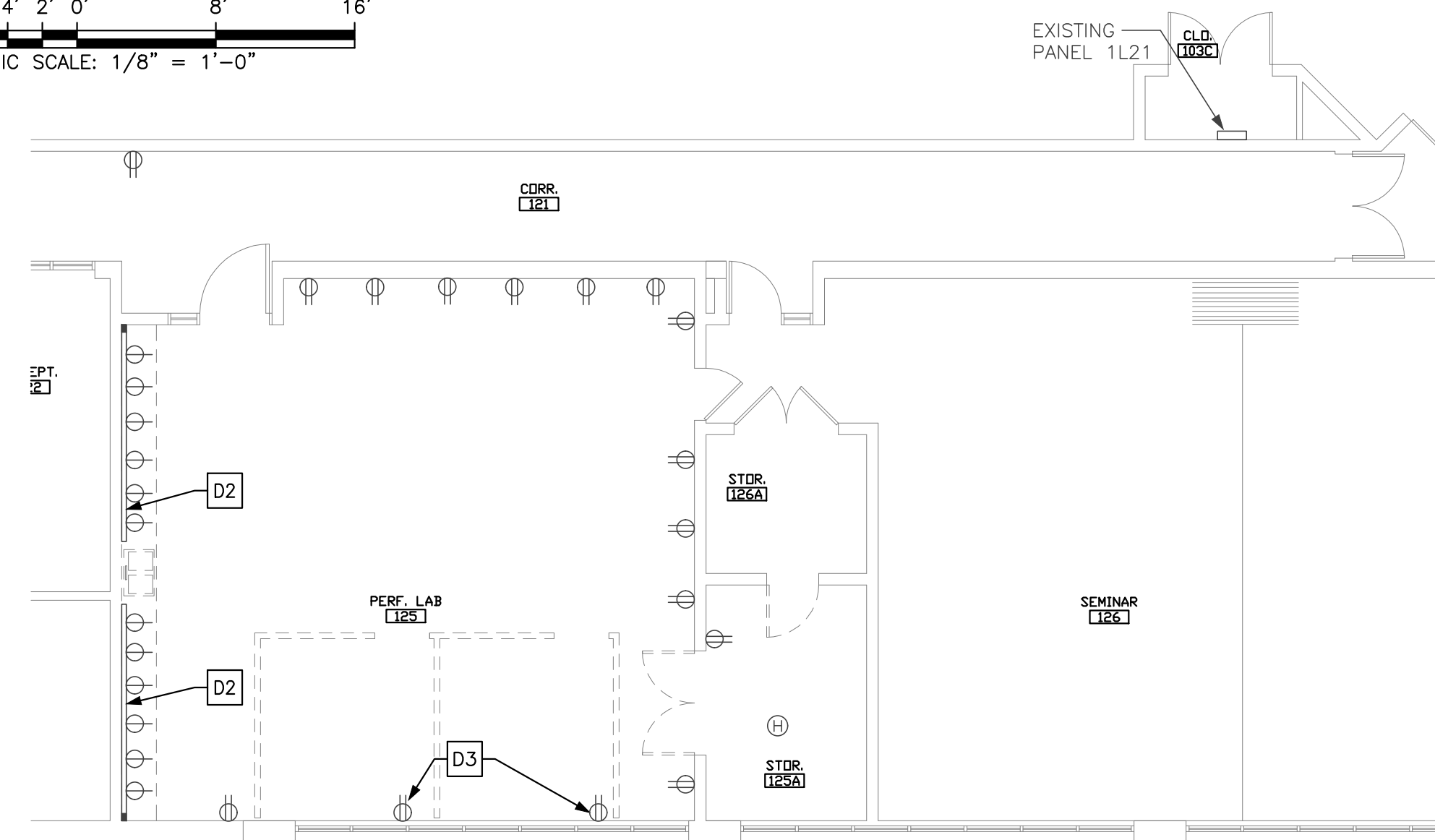
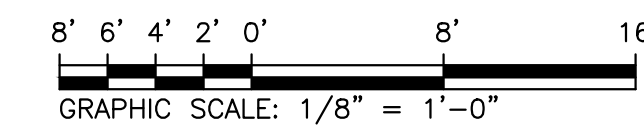
ELECTRICAL NOTES AND LEGEND

DATE: 05/18/21
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C.B.: NAH
JOB NO: 202102

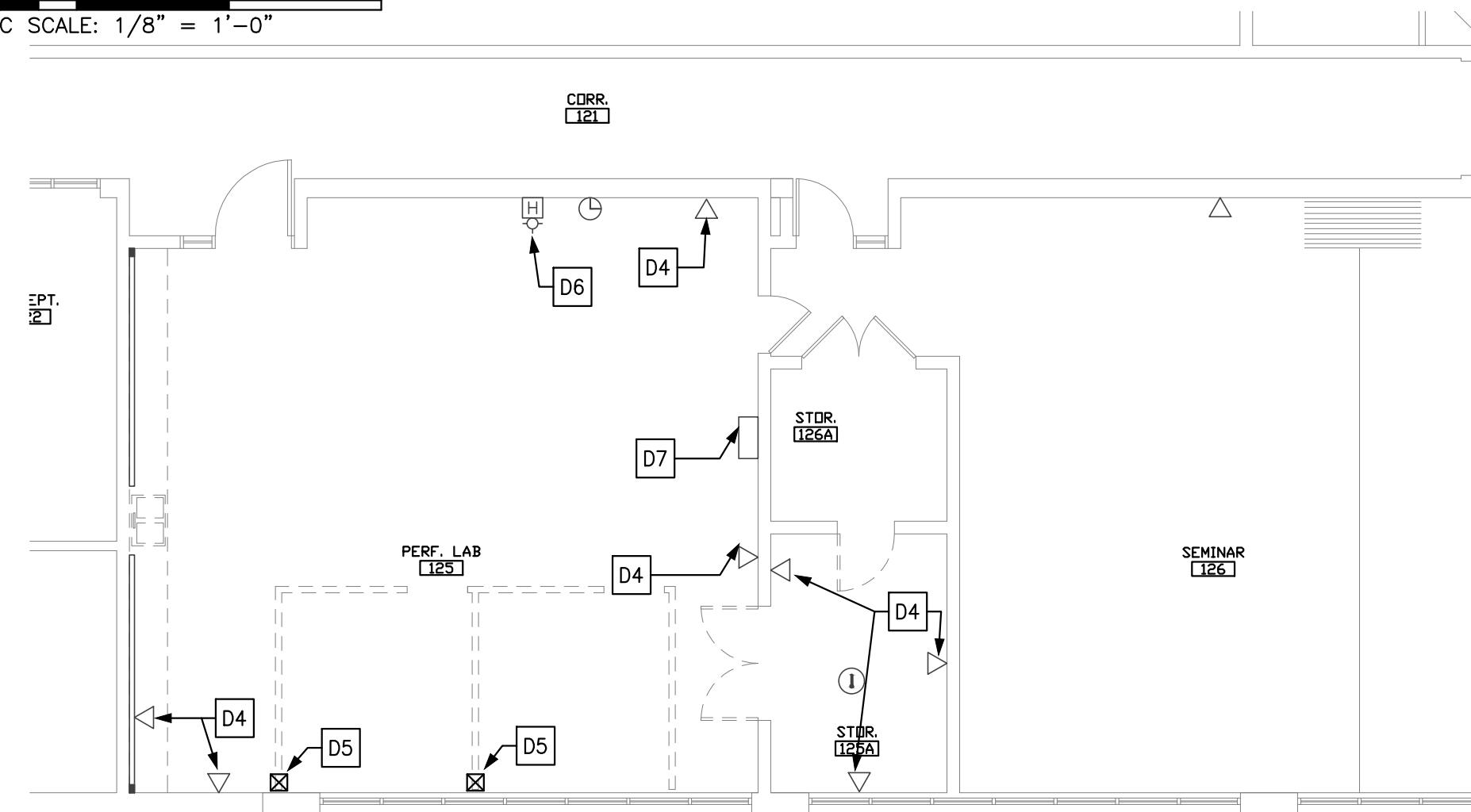
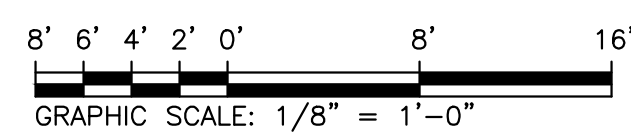
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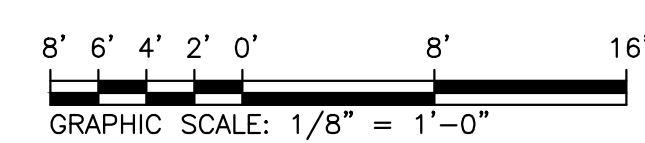
EXISTING PARTIAL FIRST FLOOR PLAN - ROOM 1050 - LIGHTING



EXISTING PARTIAL FIRST FLOOR PLAN - ROOM 1050 - ELECTRICAL

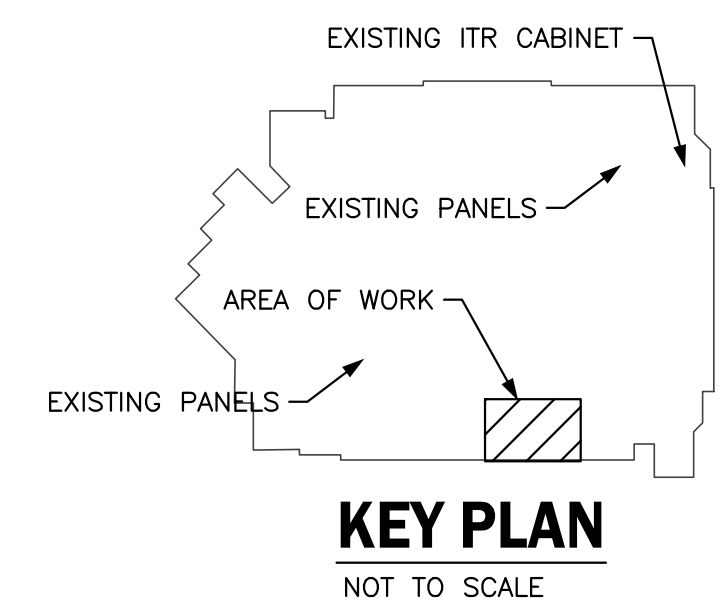


EXISTING PARTIAL FIRST FLOOR PLAN - ROOM 1050 - SYSTEMS



DEMOLITION NOTES:

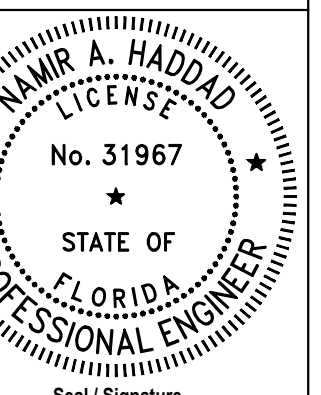
- D1 EXISTING LIGHTING FIXTURE TO BE REMOVED. REMOVE ASSOCIATED SWITCHES, WIRES AND CONDUIT.
- D2 REMOVE EXISTING WIREMOLD AND ASSOCIATED OUTLETS AND WIRES/CONDUIT.
- D3 REMOVE EXISTING OUTLETS. REMOVE WIRES AND CAP OUTLETS.
- D4 REMOVE EXISTING DATA OUTLET AND ASSOCIATED WIRES/CONDUIT.
- D5 EXISTING POWER POLE TO BE REMOVED. REMOVE POWER AND DATA CABLES.
- D6 EXISTING FIRE ALARM DEVICE TO BE REMOVED.
- D7 EXISTING WALL MOUNTED COMMUNICATION OUTLETS TO BE REMOVED.



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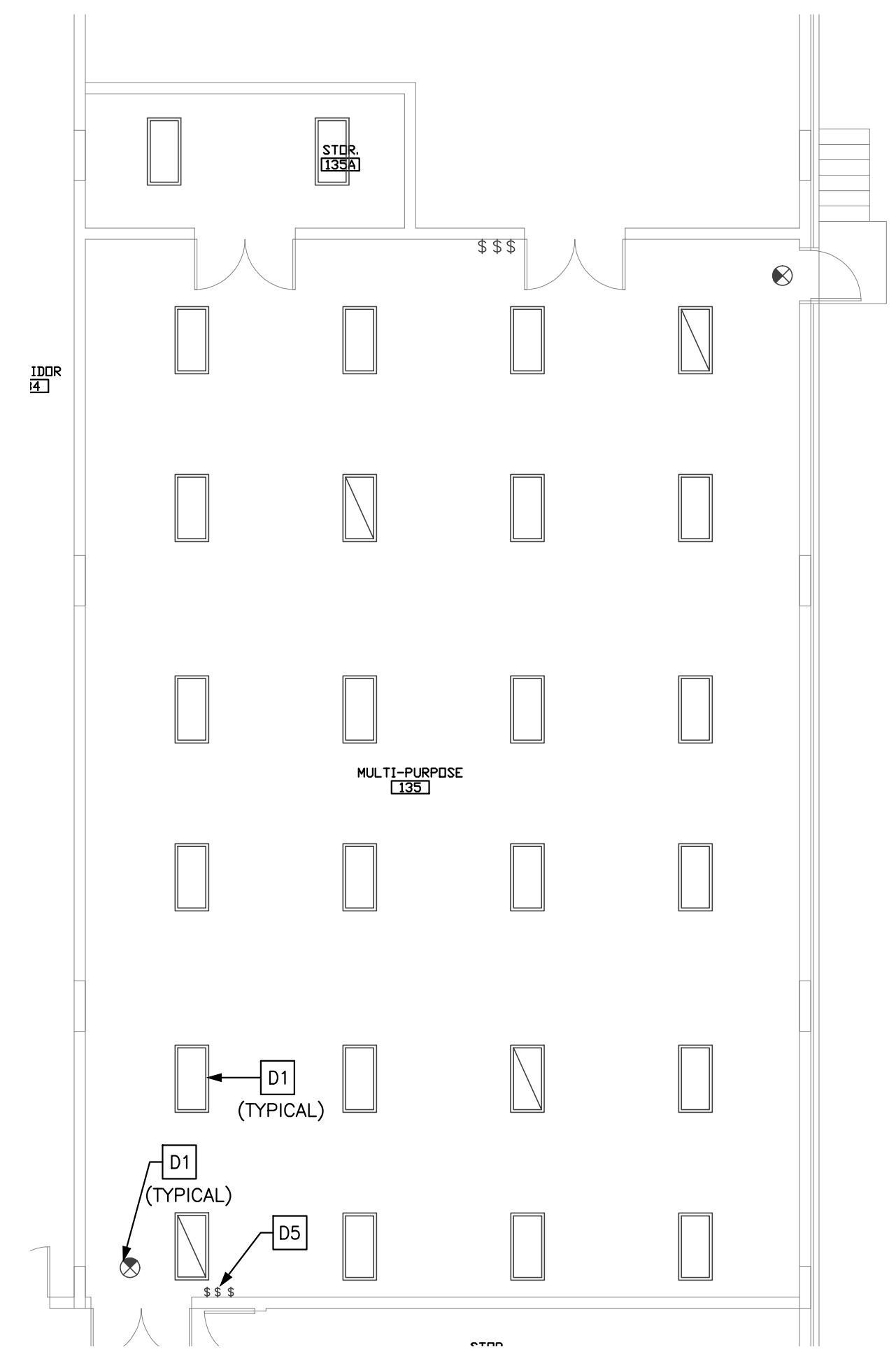
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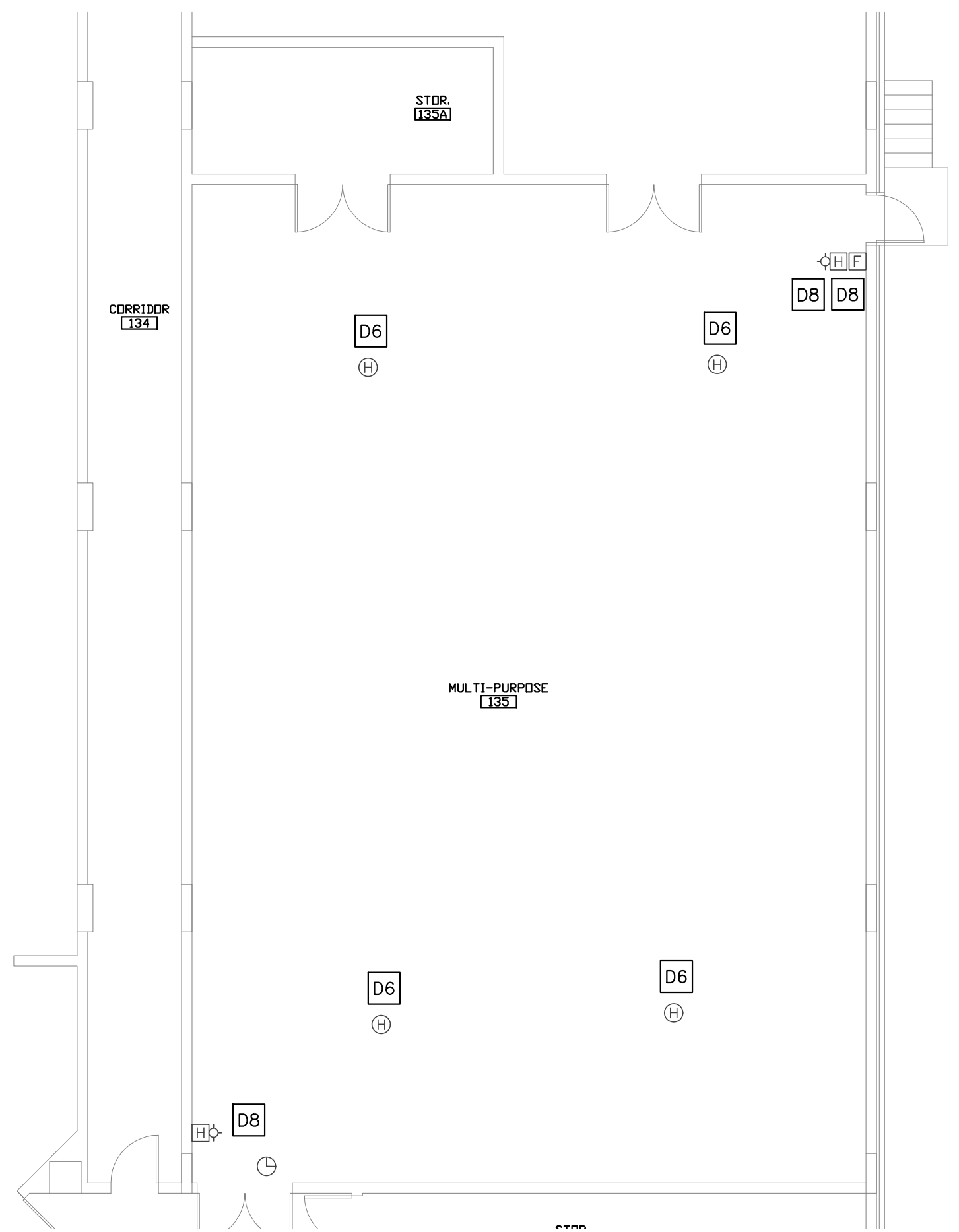
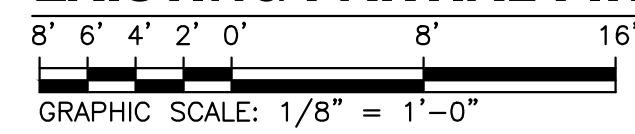
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EXISTING FLOOR PLANS ELECTRICAL

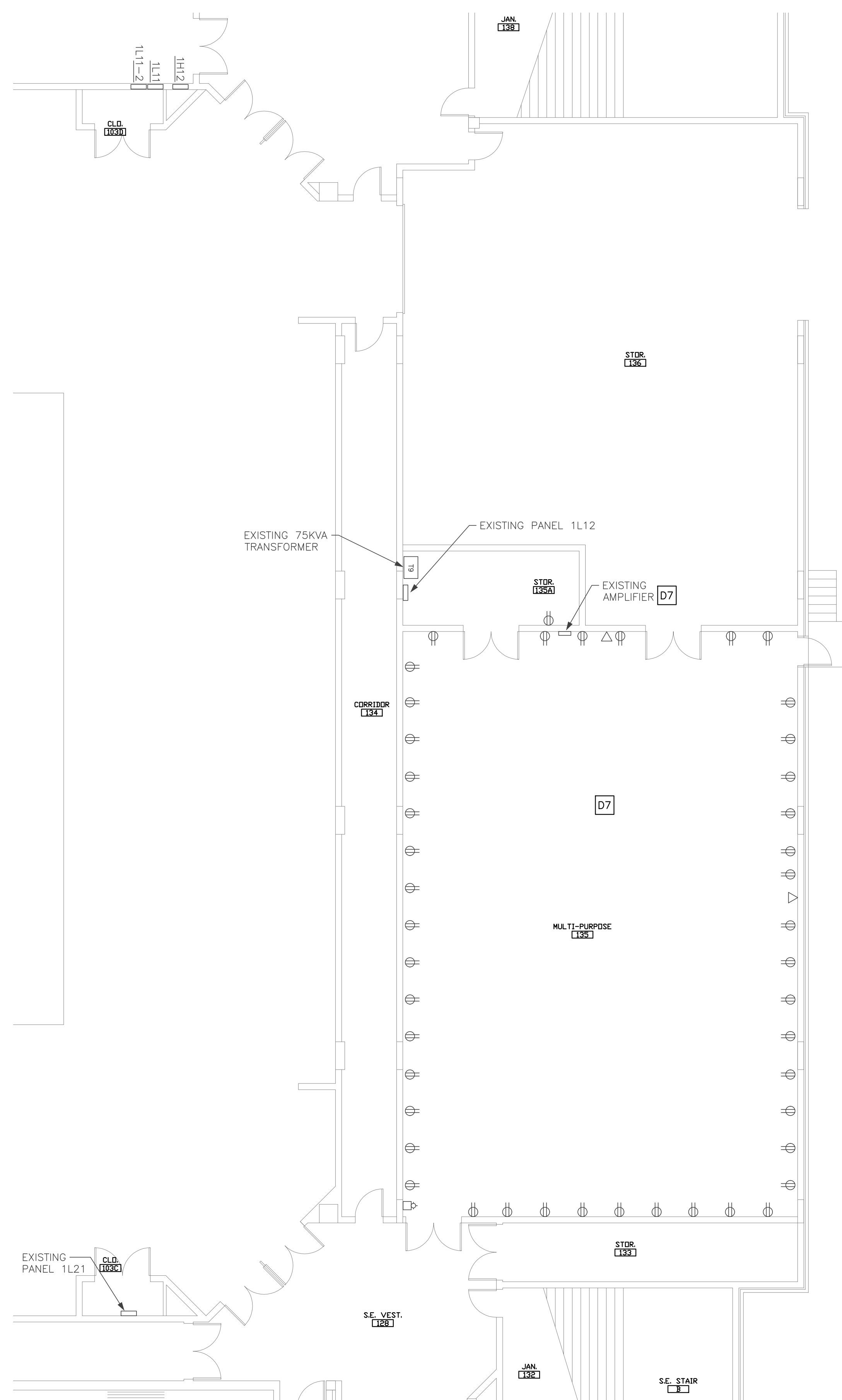
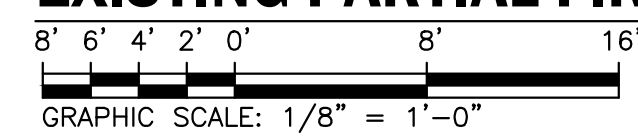
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| C.B.: | NAH |
| JOB NO.: | 202102 |



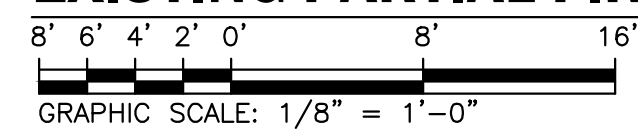
EXISTING PARTIAL FIRST FLOOR PLAN - ROOM 1062 - LIGHTING



EXISTING PARTIAL FIRST FLOOR PLAN - ROOM 1062 - SYSTEMS

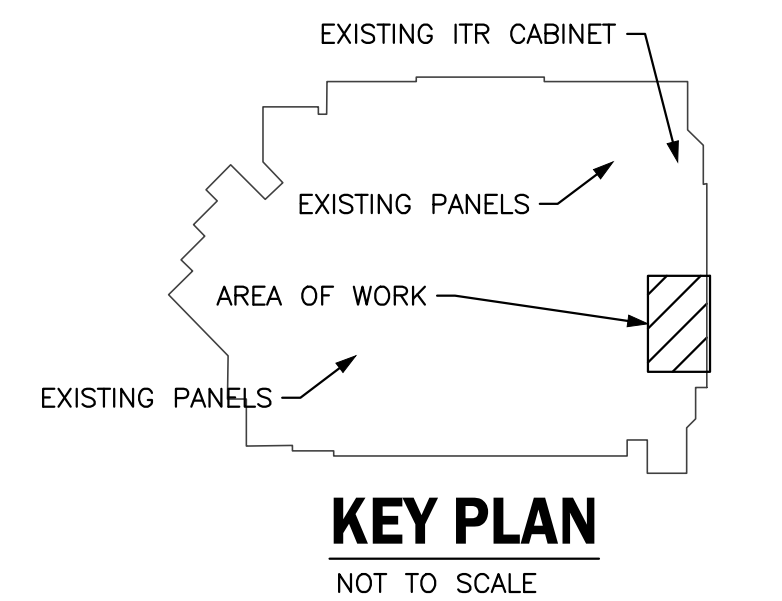


EXISTING PARTIAL FIRST FLOOR PLAN - ROOM 1062 - ELECTRICAL



DEMOLITION NOTES:

- D1** EXISTING LIGHTING FIXTURE TO BE REMOVED. REMOVE ASSOCIATED SWITCHES, WIRES AND CONDUIT.
- D2** REMOVE EXISTING WIREMOLD AND ASSOCIATED OUTLETS, WIRES AND CONDUIT.
- D3** REMOVE EXISTING OUTLETS. REMOVE WIRES AND CAP OUTLETS. RECONNECT EXISTING OUTLETS AS NOT TO INTERRUPT CIRCUIT.
- D4** REMOVE EXISTING DATA OUTLET
- D5** EXISTING SWITCHES TO BE REMOVED
- D6** REMOVE EXISTING SMOKE DETECTOR AND WIRES/CONDUIT.
- D7** REMOVE EXISTING AMPLIFIER AND ASSOCIATED SPEAKERS WIRES AND CONDUIT.
- D8** REMOVE EXISTING FIRE ALARM DEVICE.



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BHIDE & HALL ARCHITECTS, P.A.
 300 HARVEY ROAD, SUITE 300 JACKSONVILLE, FLORIDA 32217
 PH: (904) 264-1919 LIC. NO. AAC000669

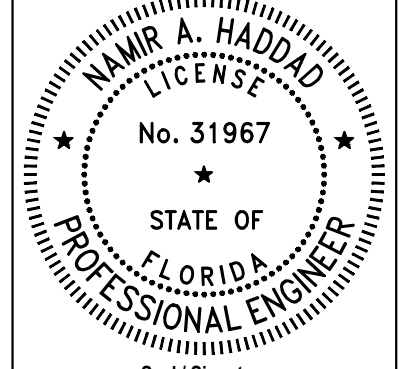
HADDAD ENGINEERING, INC.
 1329 KINGSLEY AVENUE, SUITE C ORANGE PARK, FLORIDA 32073
 PH: (904) 262-2666
 CERTIFICATE OF AUTHORIZATION NO. 1400



**UNIVERSITY OF NORTH FLORIDA
 ARENA OFFICE RELOCATION**

11652 UNIVERSITY OF NORTH FLORIDA DRIVE
 JACKSONVILLE, FLORIDA 32224

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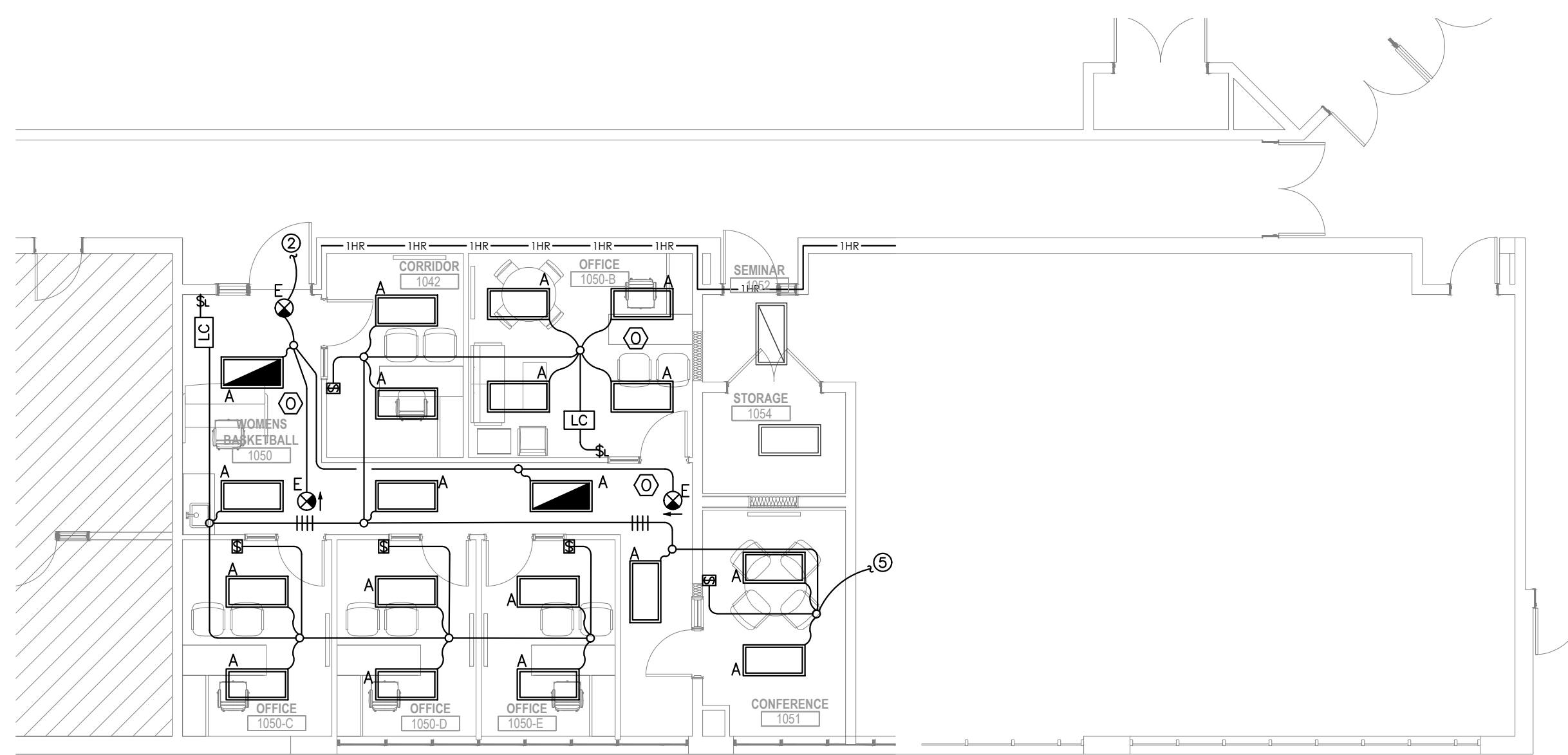
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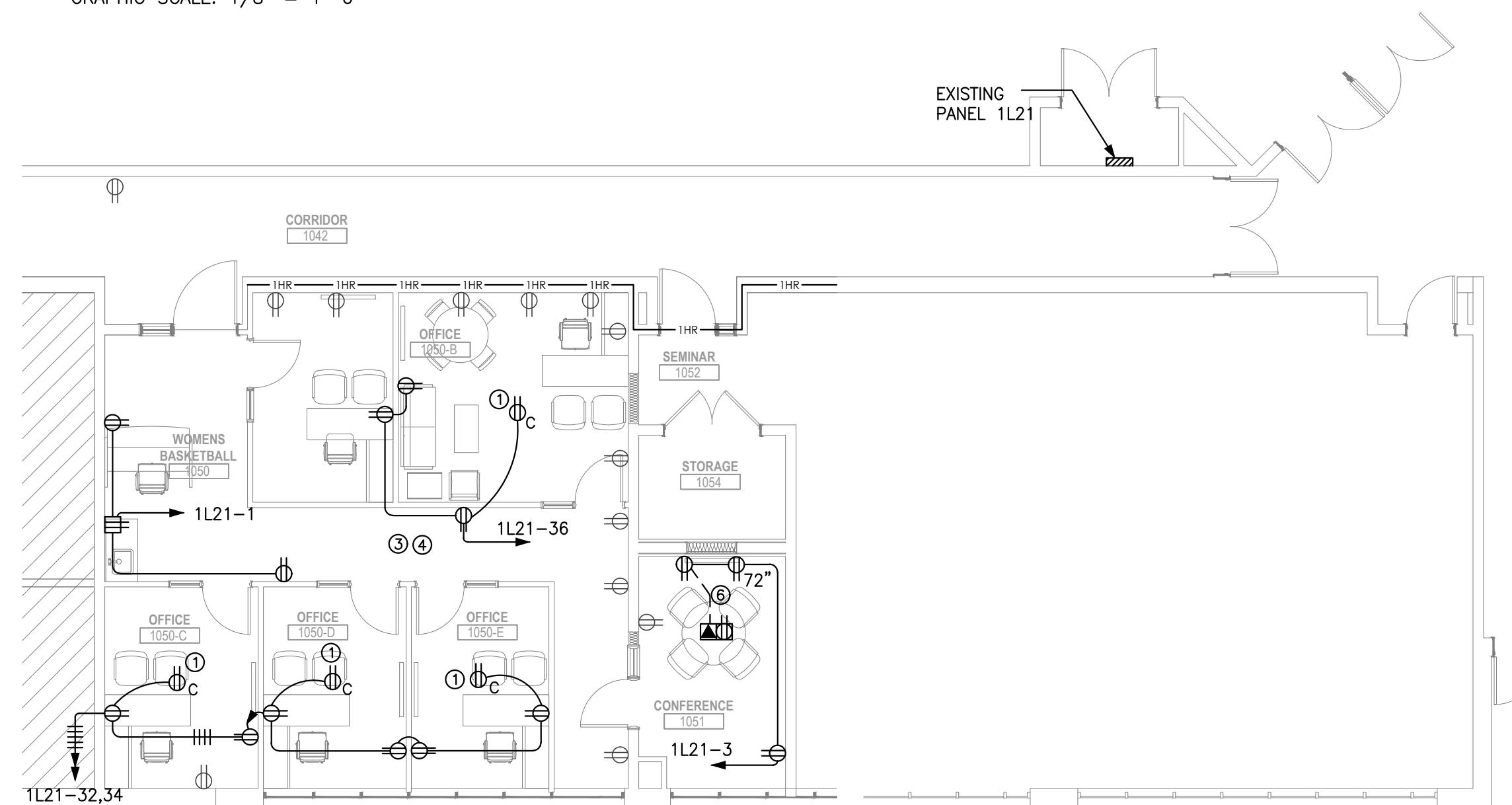
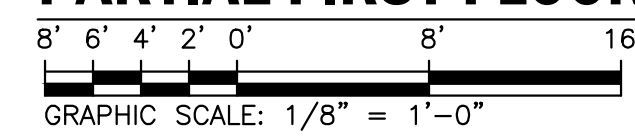
**EXISTING FLOOR PLANS
 ELECTRICAL**

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| JOB NO.: | 202102 |

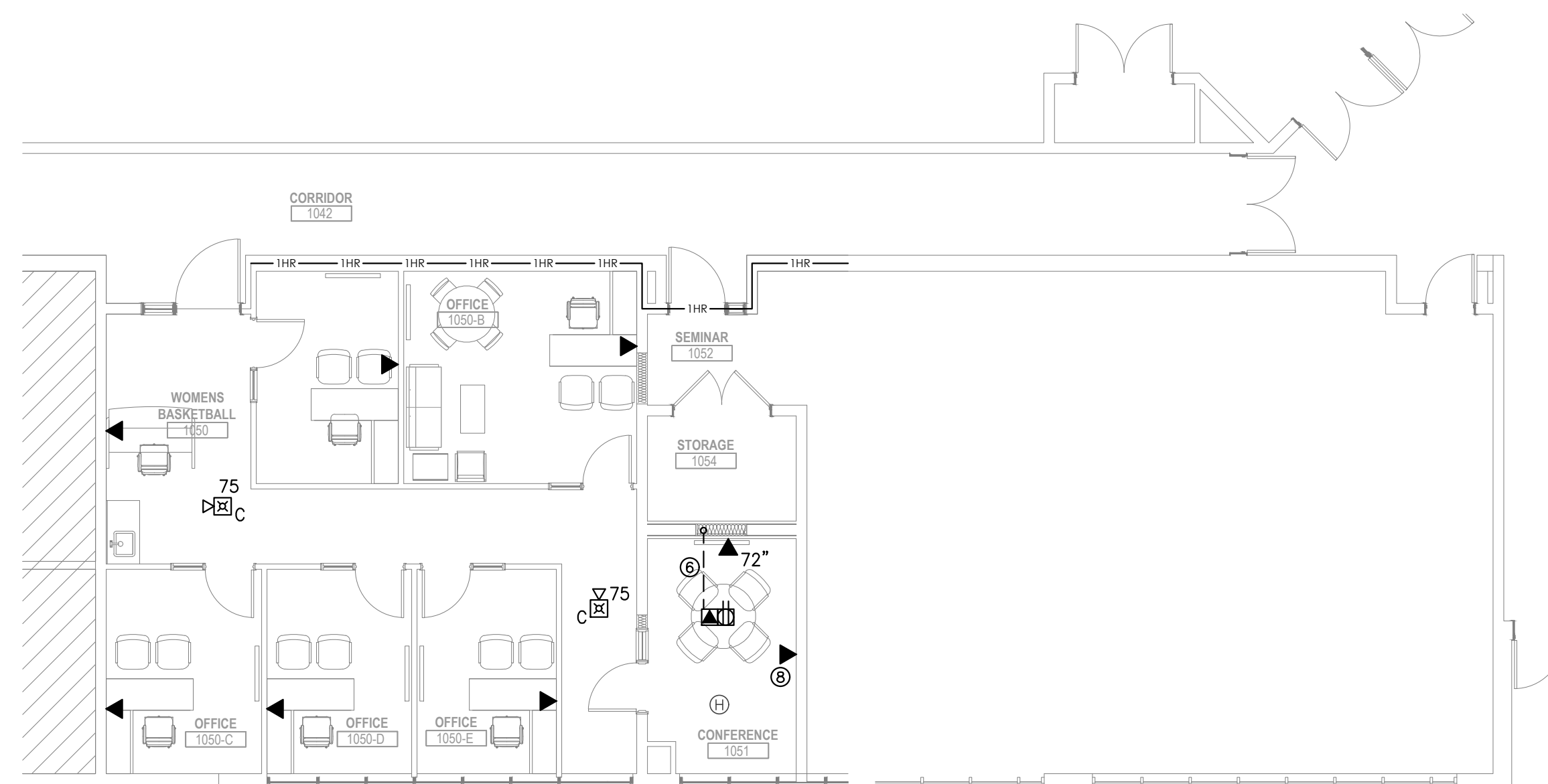
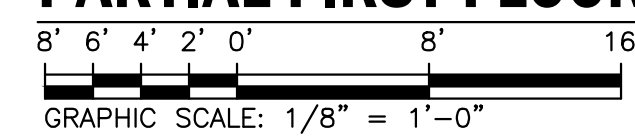
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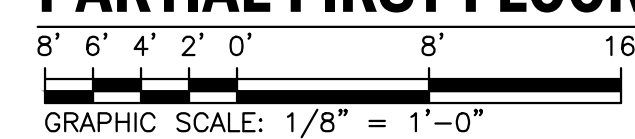
PARTIAL FIRST FLOOR PLAN - ROOM 1050/1051 - LIGHTING



PARTIAL FIRST FLOOR PLAN - ROOM 1050/1051 - ELECTRICAL

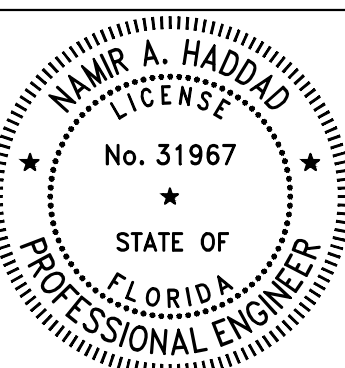
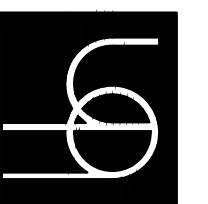


PARTIAL FIRST FLOOR PLAN - ROOM 1050/1051 - SYSTEMS



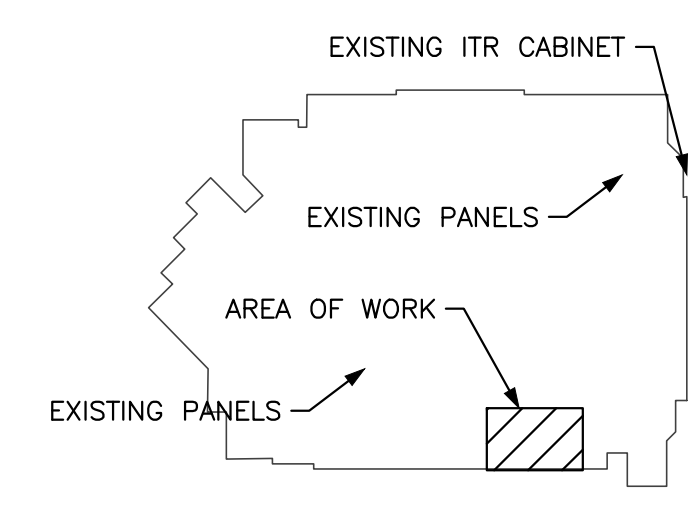
NOTES:

- ① CEILING MOUNTED DUPLEX RECEPTACLE.
- ② 3 #12 WIRES IN 1/2" CONDUIT. CONNECT TO EXISTING UNSWITCHED EMERGENCY POWER CIRCUIT.
- ③ PROVIDE 3 #12 WIRES IN 1/2" CONDUIT, 120V CIRCUIT FOR VAV-CONTROL. ALL VAV LOCATIONS WILL CONNECT TO THE SAME CIRCUIT. REFER TO MECHANICAL DRAWINGS FOR THE LOCATION OF VAV AREAS.
- ④ REPLACE ALL EXISTING OUTLET COVERS.
- ⑤ 3 #12 WIRES IN 1/2" CONDUIT TO 277V LIGHTING CIRCUIT (NORMAL POWER).
- ⑥ SAW CUT FLOOR AND REPAIR TO ITS ORIGINAL CONDITION.
- ⑦ REUSE EXISTING OUTLET BOX, IF NOT AVAILABLE PROVIDE WIREMOLD TO CEILING SPACE.



Seal / Signature

THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY NAMIR A. HADDAD ON THE DATE ADJACENT TO THE SEAL.
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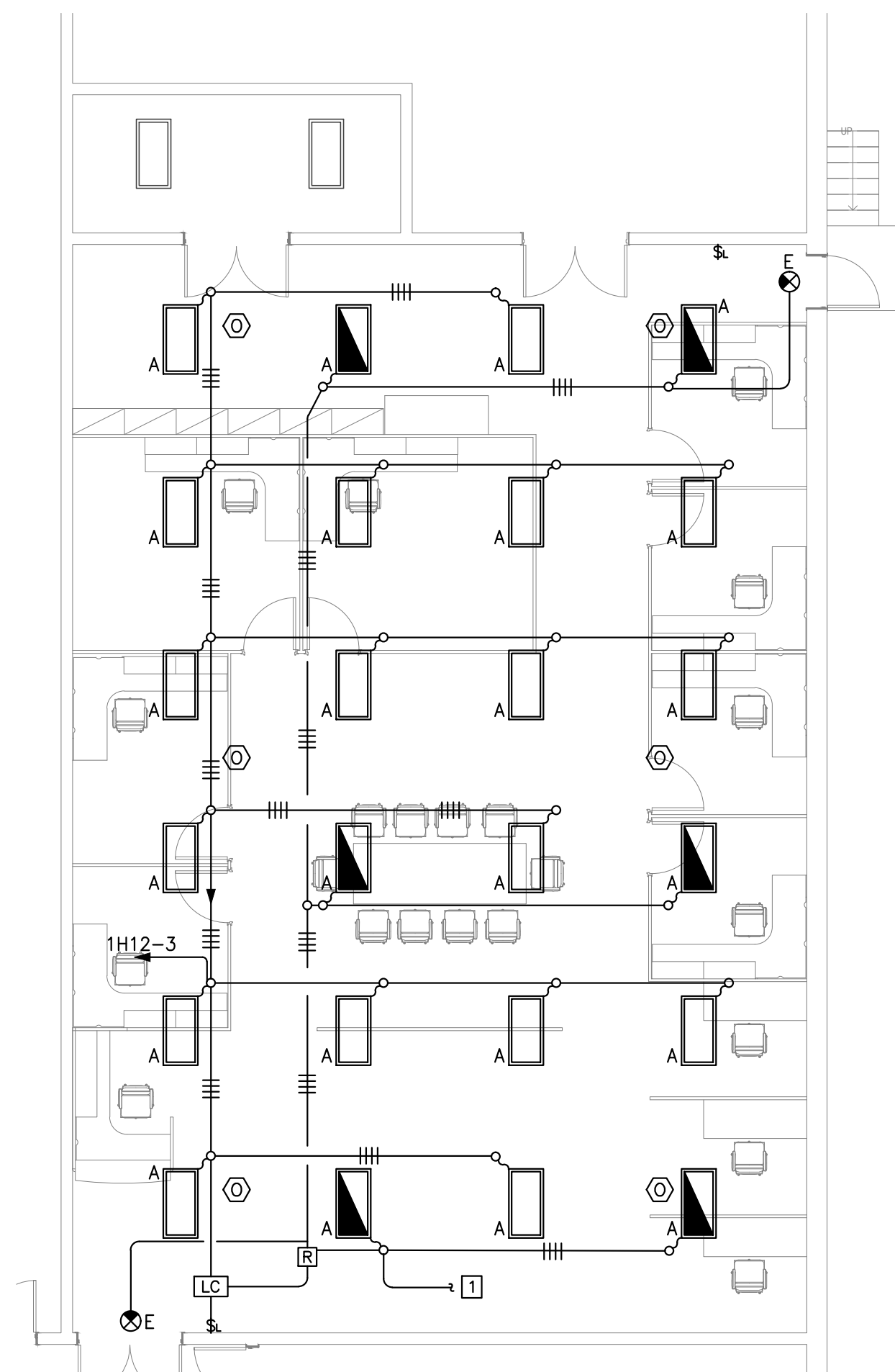


| Revision | Date |
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NEW FLOOR PLANS ELECTRICAL

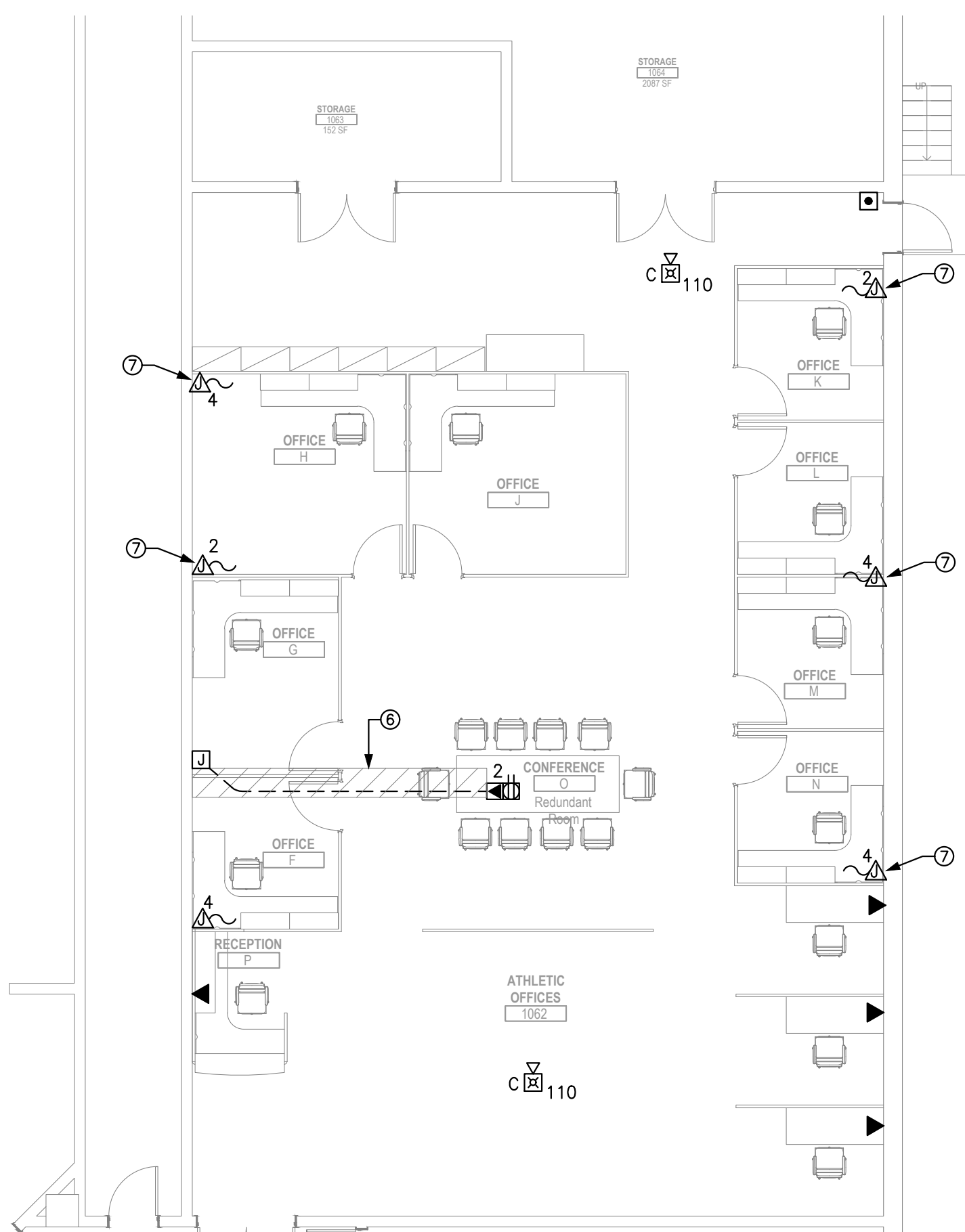
DATE: 05/18/21
 D.B.: AWINH
 C.B.: NAH
 JOB NO: 202102

E3.1
 75% REVIEW



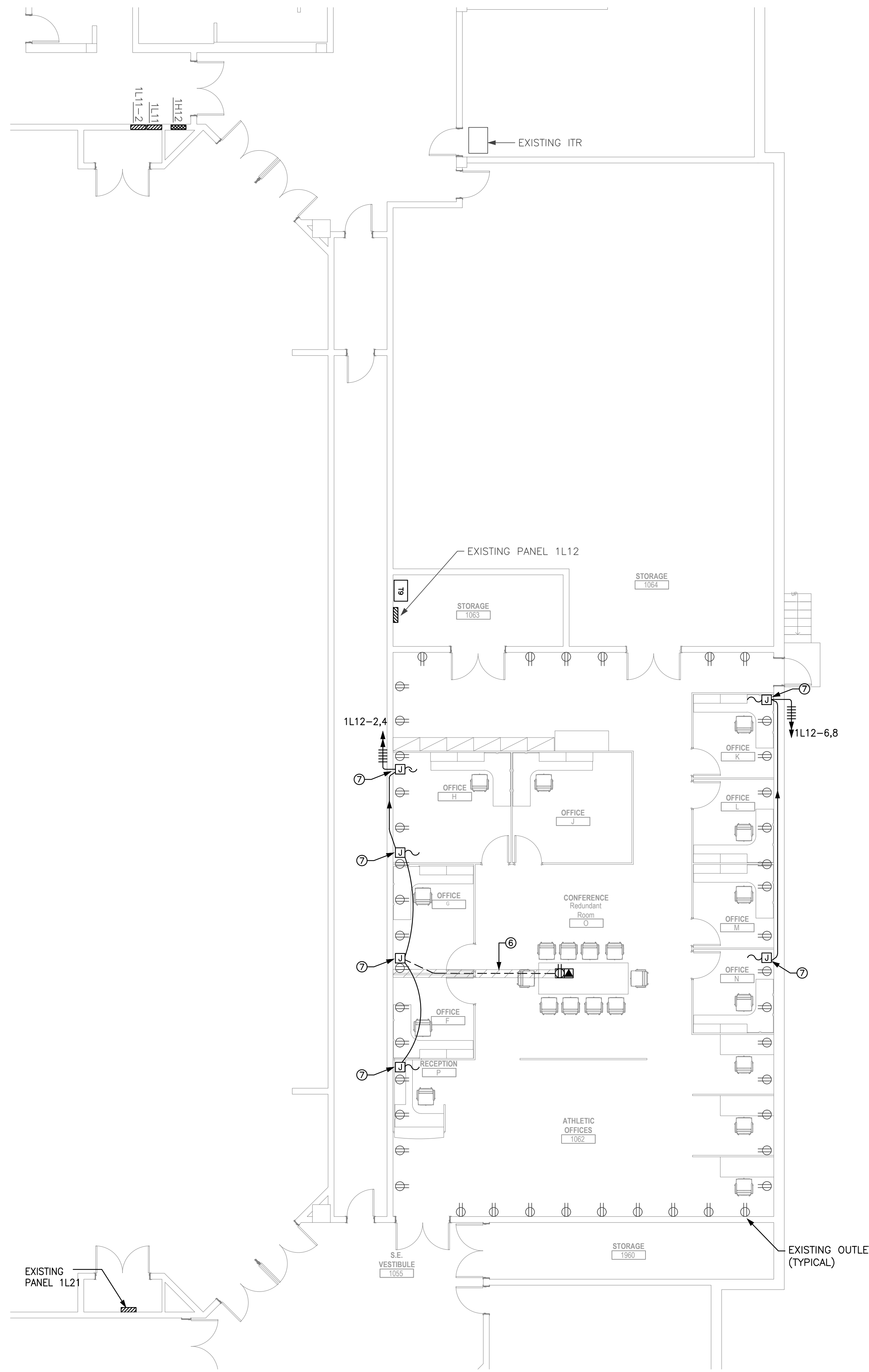
PARTIAL FIRST FLOOR PLAN - ROOM 1062/1063 - LIGHTING

8' 6' 4' 2' 0' 8' 16'
 GRAPHIC SCALE: 1/8" = 1'-0"



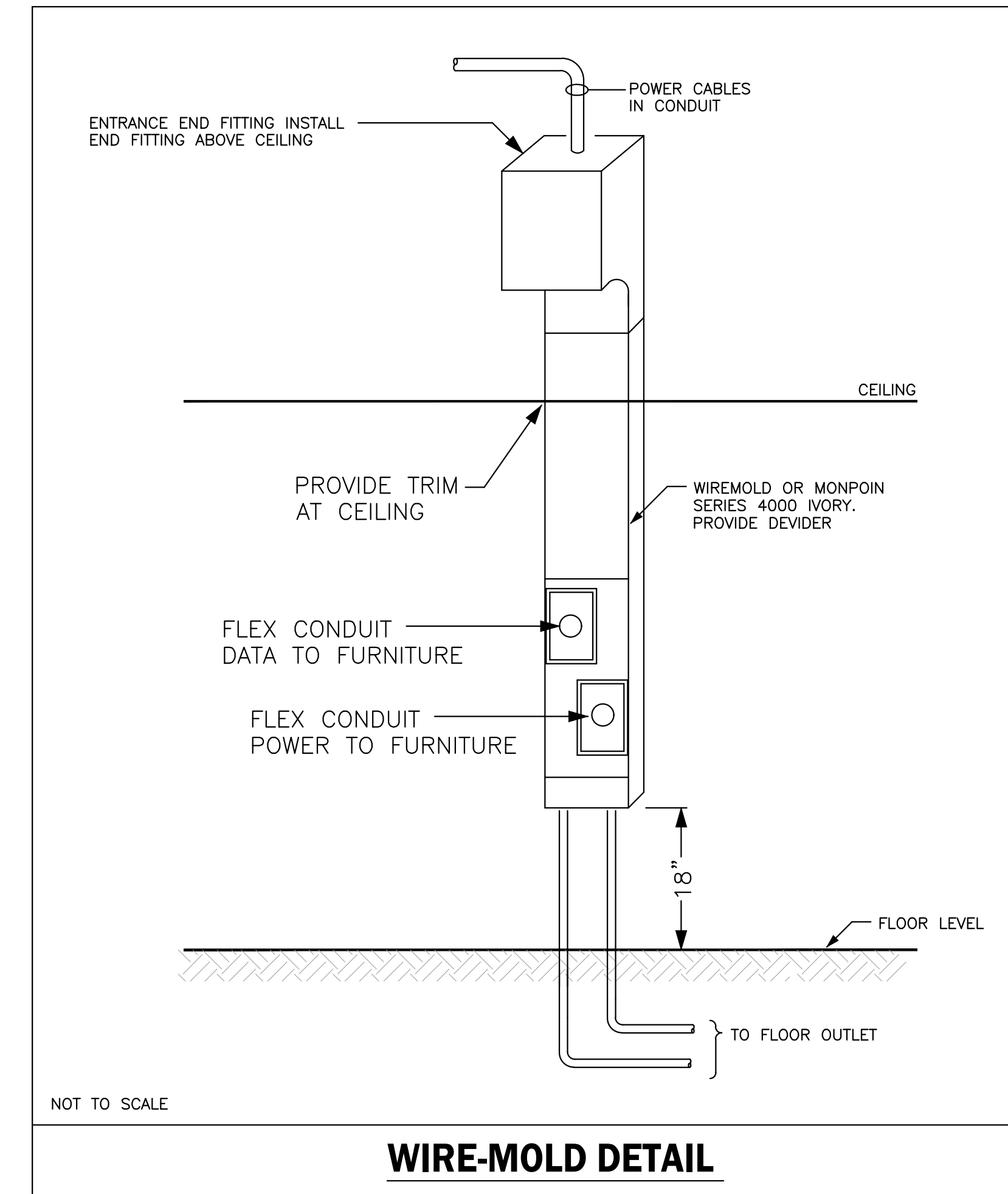
PARTIAL FIRST FLOOR PLAN - ROOM 1062/1063 - SYSTEMS

8' 6' 4' 2' 0' 8' 16'
 GRAPHIC SCALE: 1/8" = 1'-0"



PARTIAL FIRST FLOOR PLAN - ROOM 1062/1063 - ELECTRICAL

8' 6' 4' 2' 0' 8' 16'
 GRAPHIC SCALE: 1/8" = 1'-0"

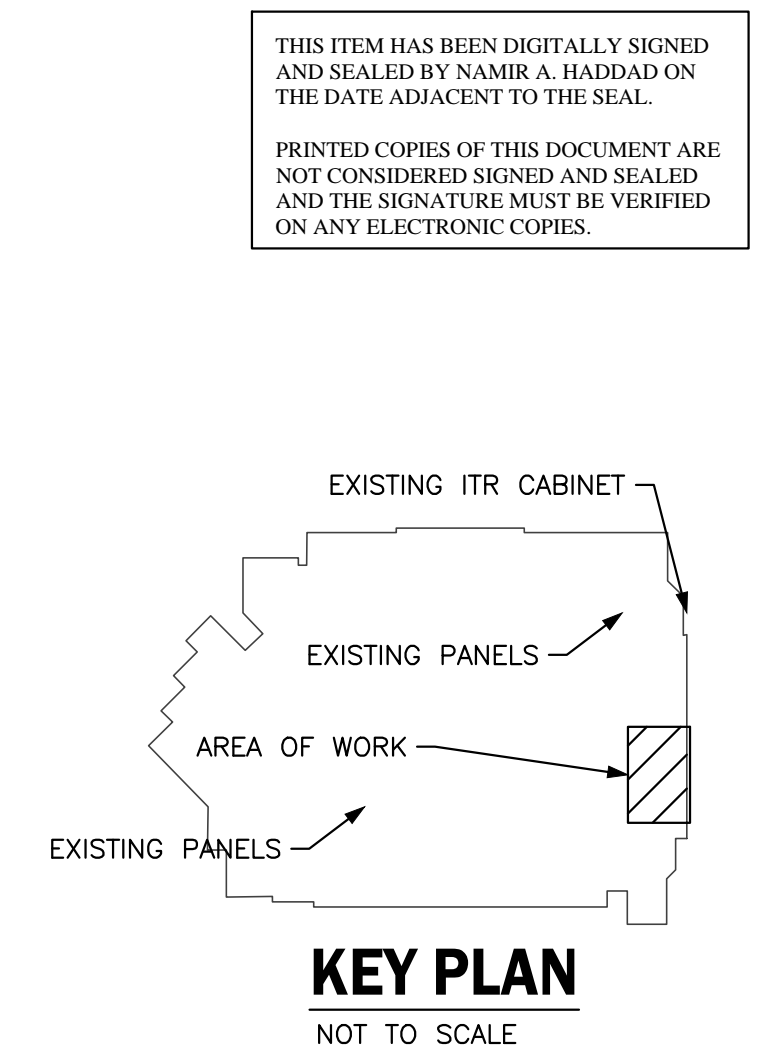


NOT TO SCALE

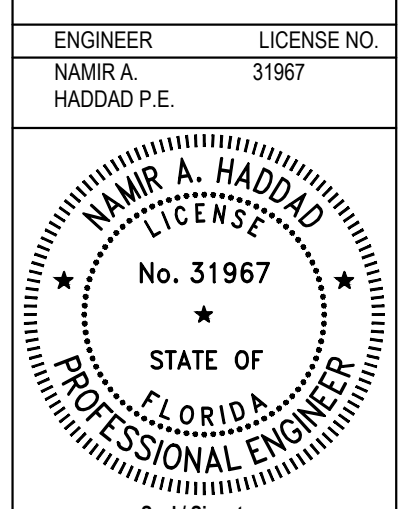
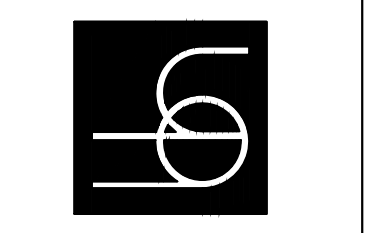
WIRE-MOLD DETAIL

NOTES:

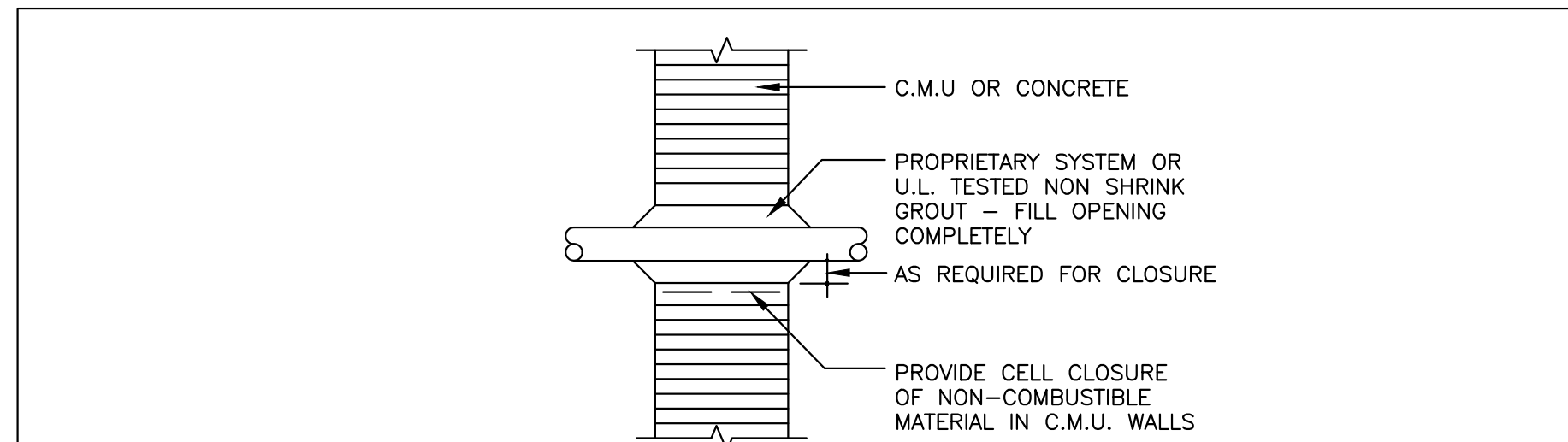
- ② 3 #12 IN 1/2" CONDUIT TO UNSWITCHED EMERGENCY POWER CIRCUIT.
- ③ 3 #12 IN 1/2" CONDUIT TO PANEL. PROVIDE 1 POLE, 20 AMP CIRCUIT BREAKER.
- ④ SAW CUT FLOOR AND REPAIR TO ITS ORIGINAL CONDITION.
- ⑦ PROVIDE WIREMOLD RISER, SEE DETAIL.



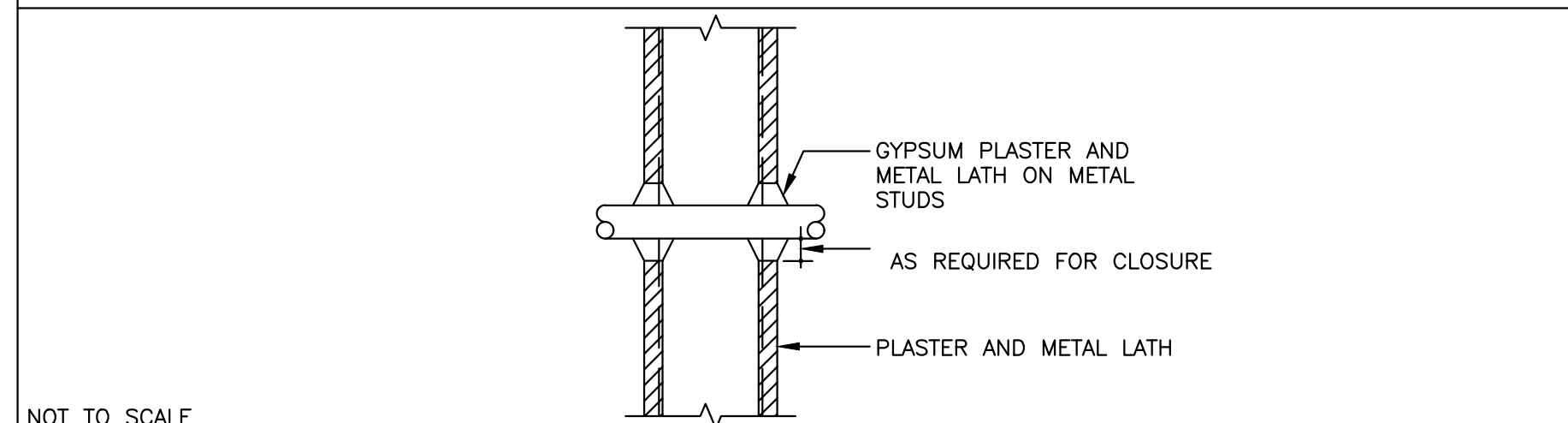
KEY PLAN
 NOT TO SCALE



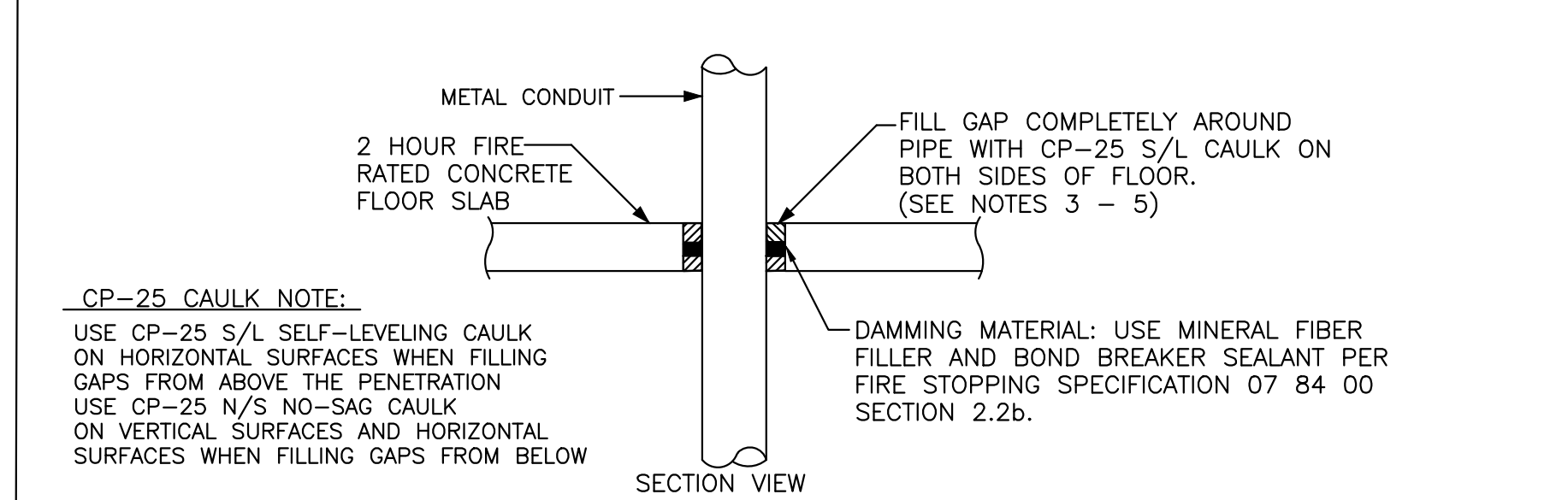
| | |
|-----------------------------------|-------------|
| ENGINEER | LICENSE NO. |
| NAMIR A. HADDAD P.E. | 31967 |
| Seal / Signature | |
| Revision | Date |
| | |
| NEW FLOOR PLANS ELECTRICAL | |
| DATE: | 05/18/21 |
| D.B.: | AW/NH |
| C.B.: | NAH |
| JOB NO.: | 202102 |
| E3.2 | |
| 75% REVIEW | |



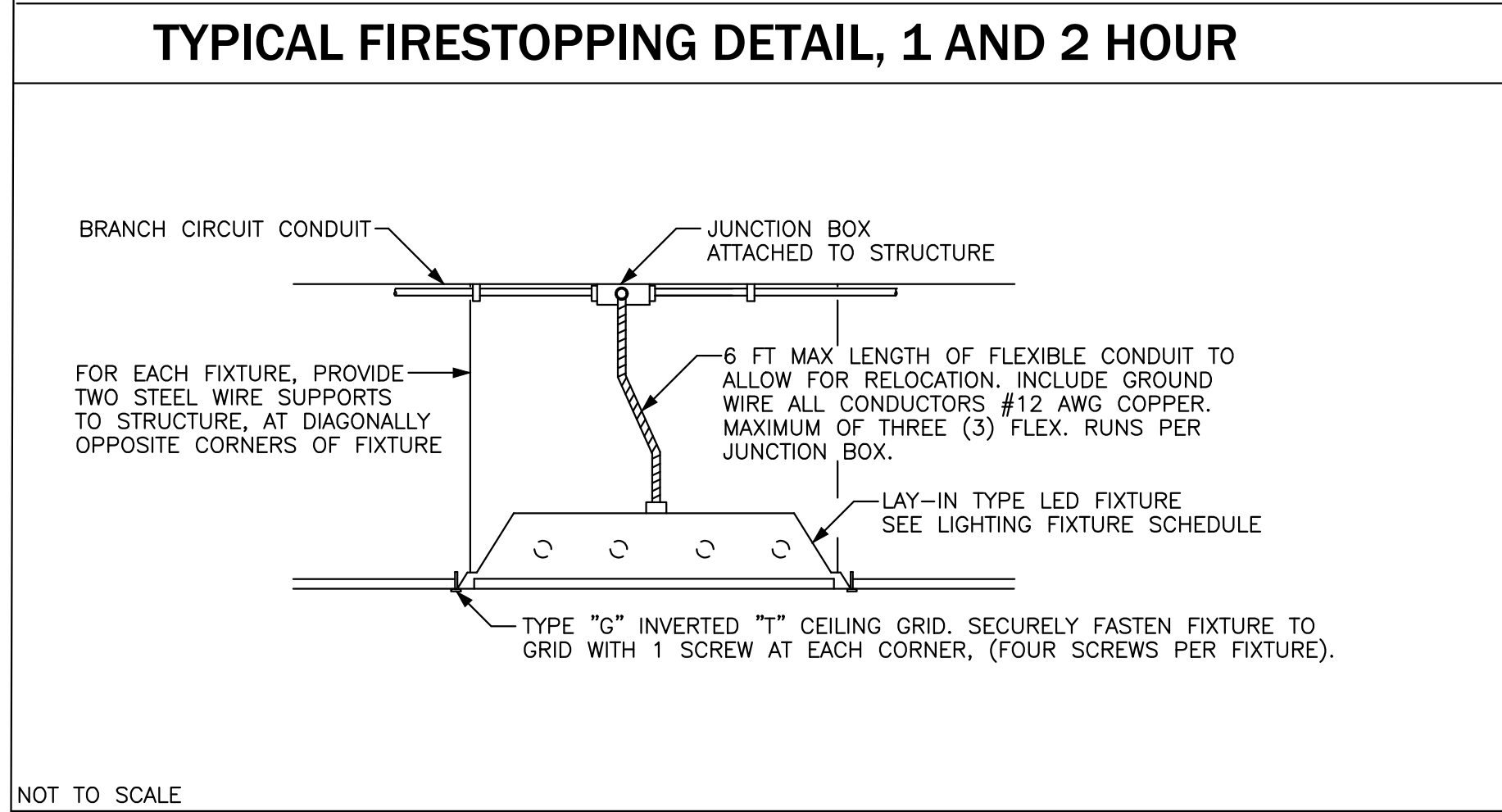
NOT TO SCALE
CONCRETE MASONRY OR SOLID CONCRETE WALLS



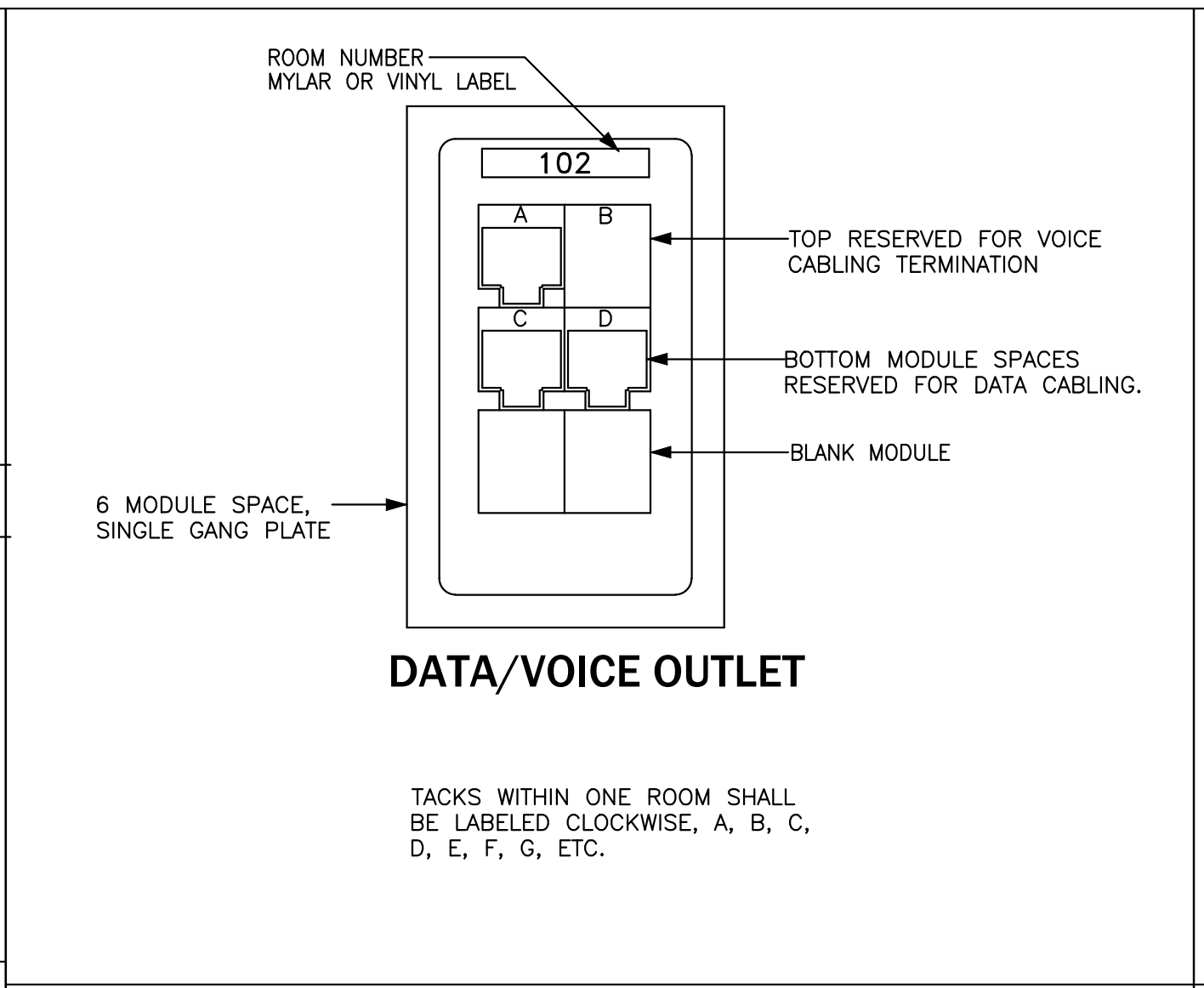
NOT TO SCALE
GYPSUM PLASTER, METAL LATH AND METAL STUD PARTITIONS



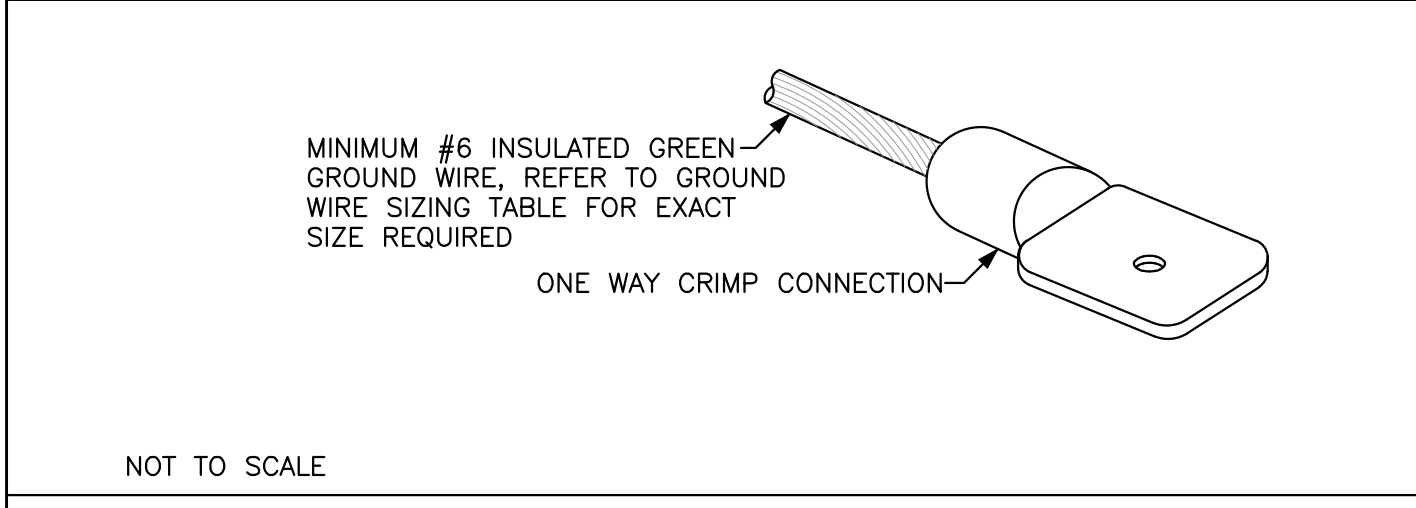
NOT TO SCALE
TYPICAL FIRESTOPPING DETAIL, 1 AND 2 HOUR



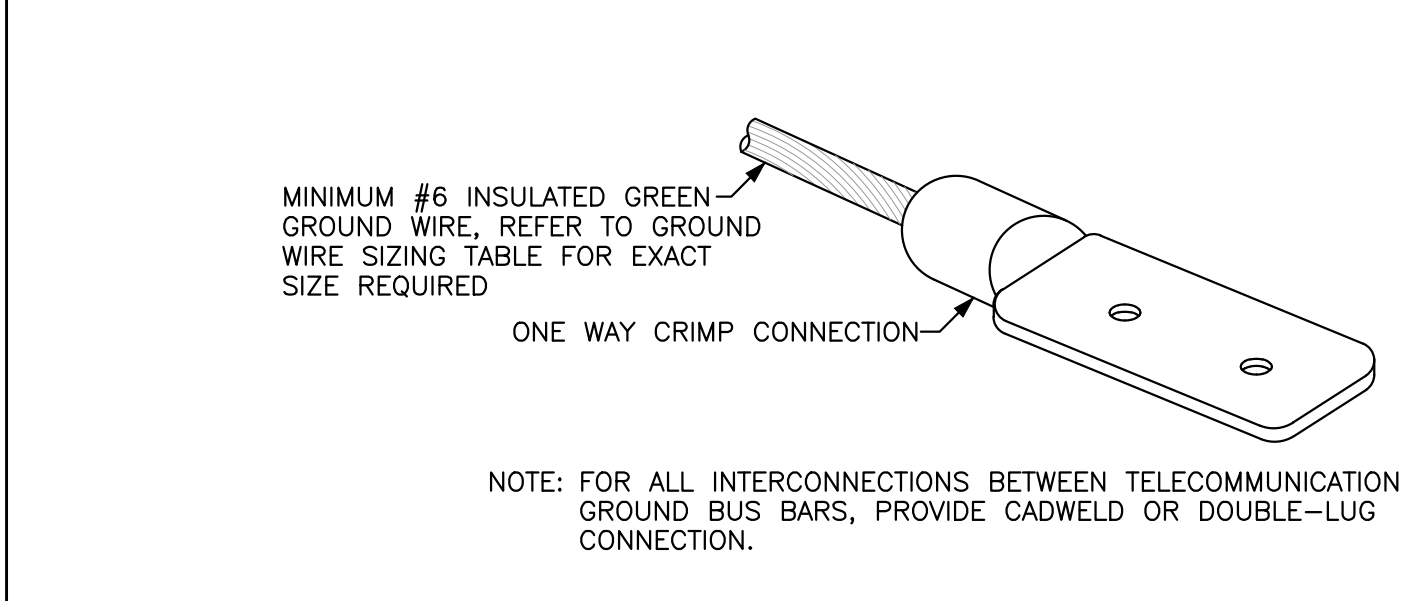
NOT TO SCALE
DETAIL-TYPICAL LAY-IN FIXTURE INSTALLATION



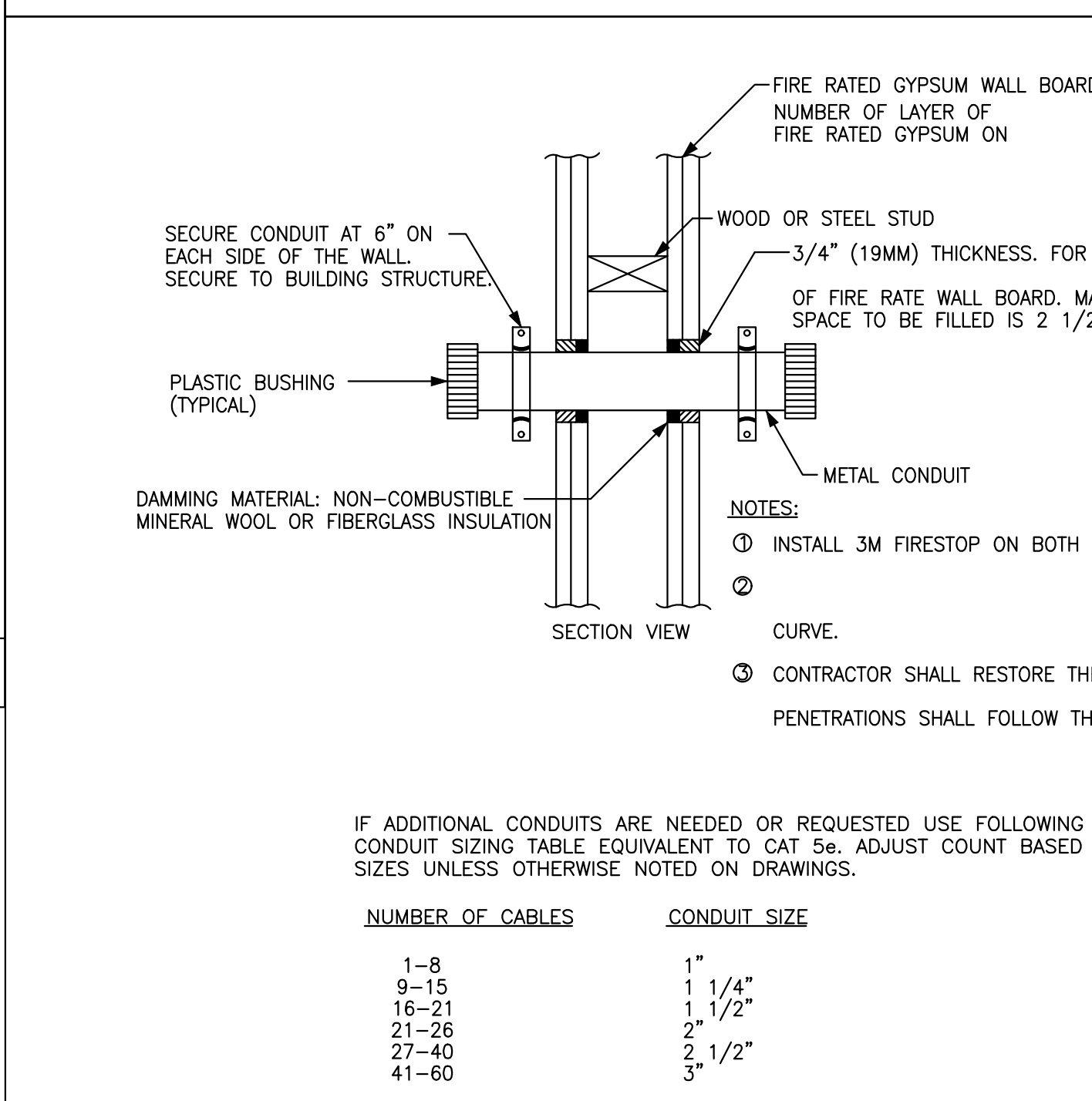
DATA/VOICE OUTLET



NOT TO SCALE
SINGLE LUG BONDING CONNECTOR DETAIL (TD2A)



NOT TO SCALE
DOUBLE LUG BONDING CONNECTOR DETAIL (TD2B)

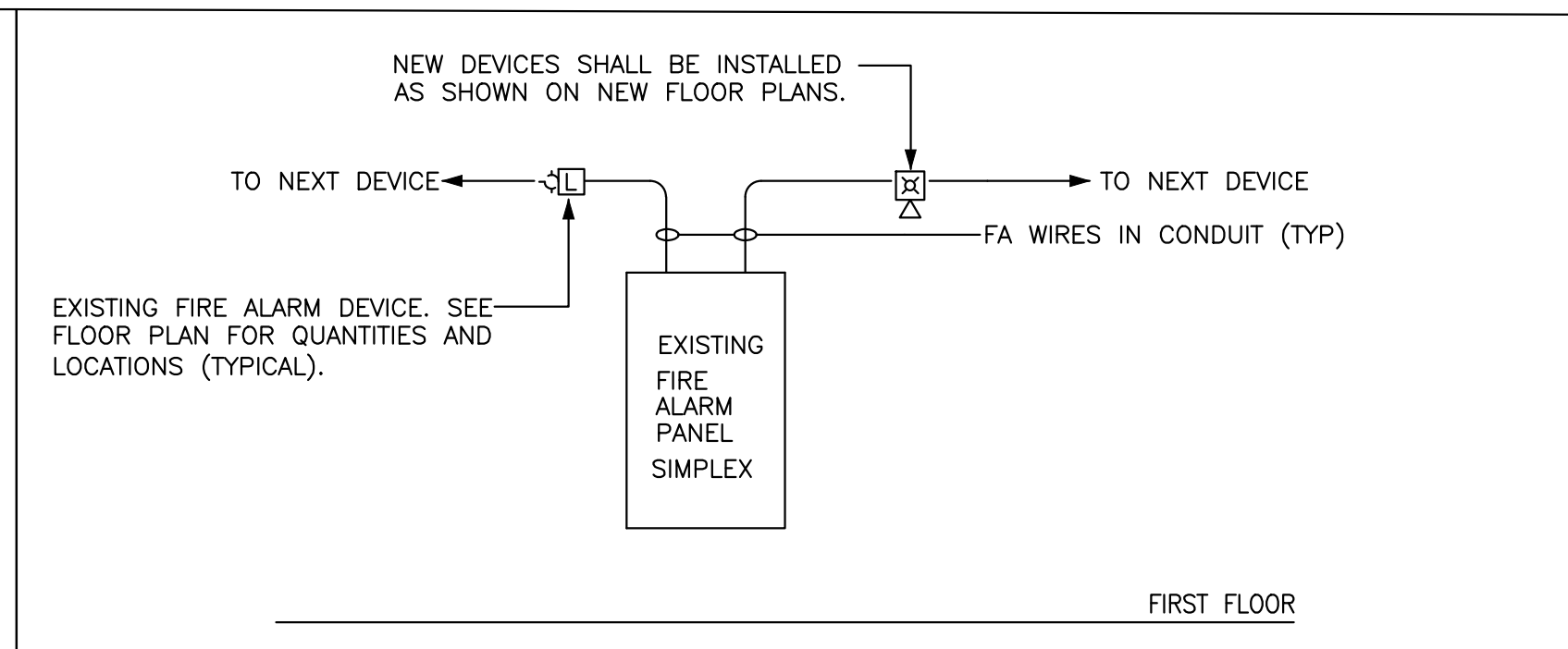


NOT TO SCALE
TYPICAL FIRESTOPPING DETAIL

NOTES:
1. ROUTE ALL COPPER GROUND AND BONDING WIRES IN CONDUIT. SIZE WIRE PER THE FOLLOWING TABLE:

| DISTANCE (IN FEET) | WIRE SIZE |
|--------------------|-----------|
| < 13 | 6 |
| 14-20 | 4 |
| 21-26 | 3 |
| 27-33 | 2 |
| 34-41 | 1 |
| 42-52 | 1/0 |
| 53-66 | 2/0 |
| > 66 | 3/0 |

GROUND WIRE SIZING TABLE



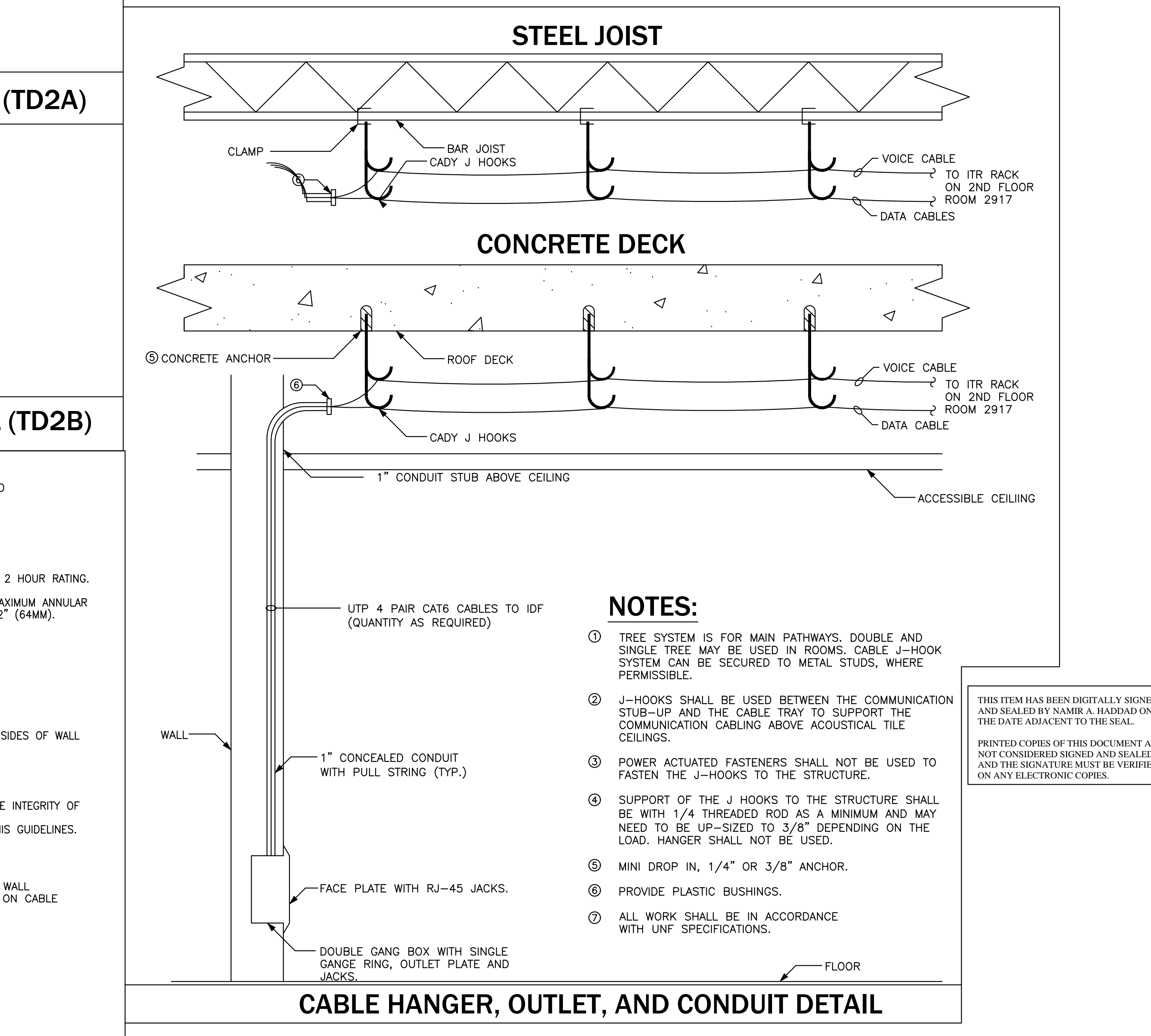
NOT TO SCALE
FIRE ALARM RISER DIAGRAM

NOTES:
1. NEW FIRE ALARM DEVICES SHALL BE AS MANUFACTURED BY SIMPLEX AND COMPATIBLE WITH EXISTING FIRE ALARM PANEL.
2. ALL FIRE ALARM WIRING SHALL BE COLOR CODED IN ACCORDANCE TO THE FOLLOWING TABLE:

| FUNCTION | COLOR |
|-------------|--|
| ZONE | YELLOW-BLUE |
| DATA | 218-18-1-1STP 1 PR TWISTED SHIELDED CABLE |
| 24vdc POWER | RED-BLACK |
| HORN-STROBE | WHITE-PURPLE |

3. FIRE ALARM SHOP DRAWINGS: SUBMIT TO STATE FIRE MARSHALL AND CODE ENFORCEMENT.

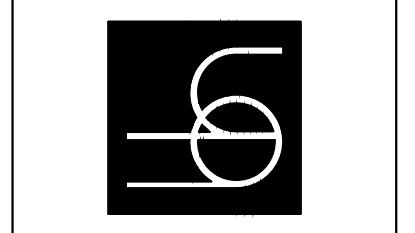
FIRE ALARM



CABLE HANGER, OUTLET, AND CONDUIT DETAIL

BHIDE & HALL ARCHITECTS, P.A.
1329 KINGSLEY AVENUE, SUITE C ORANGE PARK, FLORIDA 32073
PH: (904) 264-1919 LIC. NO. AC0000699

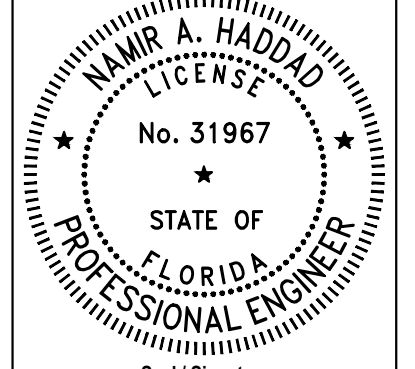
HADDAD ENGINEERING, INC.
300 HARVARD ROAD, SUITE 300 JACKSONVILLE, FLORIDA 32217
TEL: (904) 952-2666
CERTIFICATE OF AUTHORIZATION NO. 14000



UNIVERSITY OF NORTH FLORIDA
ARENA OFFICE RELOCATION

11852 UNIVERSITY OF NORTH FLORIDA DRIVE
JACKSONVILLE, FLORIDA 32224

ENGINEER LICENSE NO.
NAMIR A. HADDAD P.E. 31967



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| Revision | Date |
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ELECTRICAL DETAILS

DATE: 05/18/21
D.B.: AWINH
C.B.: NAH
JOB NO: 202102

E4.1
75% REVIEW

| CKT NO. | DESIGNATION | CIRCUIT BREAKER | | | | KVA | CIRCUIT BREAKER | CIRCUIT | DESIGNATION | CKT NO. |
|---------|-------------------|-----------------|------|------|---|-----|-----------------|-------------------|-------------|---------|
| | | WIRE | | GND | | | | | | |
| | | COND | POLE | TRIP | | | | | | |
| 1 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. MULTIPURPOSE | 2 | |
| 3 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. MULTIPURPOSE | 4 | |
| 5 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. MULTIPURPOSE | 6 | |
| 7 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. MULTIPURPOSE | 8 | |
| 9 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. MULTIPURPOSE | 10 | |
| 11 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. MULTIPURPOSE | 12 | |
| 13 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. MULTIPURPOSE | 14 | |
| 15 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. MULTIPURPOSE | 16 | |
| 17 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. MULTIPURPOSE | 18 | |
| 19 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. MULTIPURPOSE | 20 | |
| 21 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. MULTIPURPOSE | 22 | |
| 23 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. MULTIPURPOSE | 24 | |
| 25 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. MULTIPURPOSE | 26 | |
| 27 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. MULTIPURPOSE | 28 | |
| 29 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. MULTIPURPOSE | 30 | |
| 31 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. MULTIPURPOSE | 32 | |
| 33 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. MULTIPURPOSE | 34 | |
| 35 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. MULTIPURPOSE | 36 | |
| 37 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. MULTIPURPOSE | 38 | |
| 39 | SPACE | | | | | | | REC. MULTIPURPOSE | 40 | |
| 41 | SPACE | | | | | | | SPACE | 42 | |

TOTAL KVA _____

10,000 AMP. RMS. SYMMETRICAL SHORT CIRCUIT CURRENT RATING

| CKT NO. | DESIGNATION | CIRCUIT BREAKER | | | | KVA | CIRCUIT BREAKER | CIRCUIT | DESIGNATION | CKT NO. |
|---------|------------------------|-----------------|------|------|---|-----|-----------------|-----------------------------|-------------|---------|
| | | WIRE | | GND | | | | | | |
| | | COND | POLE | TRIP | | | | | | |
| 1 | REC. RM 1050 | 12 | 12 | 1/2 | 1 | 20 | | REC. TOILETS | 2 | |
| 3 | REC. RM 1050 | 12 | 12 | 1/2 | 1 | 20 | | REC. EWC | 4 | |
| 5 | SPARE | | | | 1 | 20 | | EF-2 # EF-11 | 6 | |
| 7 | SPARE | | | | 1 | 20 | | REC. 2ND FLR EWC | 8 | |
| 9 | REC.CLASSROOM | | | | 1 | 20 | | REC. 2ND FLR TOILETS | 10 | |
| 11 | REC.CLASSROOM | | | | 1 | 20 | | REC. MULTIPURPOSE | 12 | |
| 13 | REC.CLASSROOM | | | | 1 | 20 | | BACKSTOP | 14 | |
| 15 | EXHAUST FAN ELEC RM | | | | 1 | 20 | | LTG. CLASSROOMS | 16 | |
| 17 | EF24, UH1 MECH RM | | | | 1 | 20 | | EF-18 | 18 | |
| 19 | BLEACHER MOTOR | | | | 1 | 20 | | EF-15 | 20 | |
| 21 | SPARE | | | | 1 | 20 | | EF-14 | 22 | |
| 23 | WALKER | | | | 1 | 20 | | SPARE | 24 | |
| 25 | | | | | | | | | 26 | |
| 27 | EAST BLEACHERS | | | | 3 | 50 | | EXISTING CIRCUIT | 28 | |
| 29 | | | | | | | | | 30 | |
| 31 | | | | | | | | 20 1 1/2 12 12 REC. RM 1050 | 32 L1 | |
| 33 | SOUTH BLEACHERS | | | | 3 | 20 | | 20 1 REC. RM 1050 | 34 L1 | |
| 35 | | | | | | | | 20 1 1/2 12 12 REC. RM 1050 | 36 L1 | |
| 37 | REC. CUBICAL PERF. LAB | | | | 1 | 20 | | 20 1 SPARE | 38 | |
| 39 | EXISTING CIRCUIT | | | | 1 | 20 | | SPACE | 40 | |
| 41 | EXISTING CIRCUIT | | | | 1 | 20 | | SPACE | 42 | |

TOTAL KVA _____

10,000 AMP. RMS. SYMMETRICAL SHORT CIRCUIT CURRENT RATING

| CKT NO. | DESIGNATION | CIRCUIT BREAKER | | | | KVA | CIRCUIT BREAKER | CIRCUIT | DESIGNATION | CKT NO. |
|---------|-------------------|-----------------|------|------|---|-----|-----------------|--------------------------------------|-------------|---------|
| | | WIRE | | GND | | | | | | |
| | | COND | POLE | TRIP | | | | | | |
| 1 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. RM 1062- CUBICAL | 2 L2 L1 | |
| 3 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. RM 1062- CUBICAL | 4 L2 L1 | |
| 5 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. RM 1062- CUBICAL | 6 L2 L1 | |
| 7 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. RM 1062- CUBICAL | 8 L2 L1 | |
| 9 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. MULTIPURPOSE | 10 | |
| 11 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. MULTIPURPOSE | 12 | |
| 13 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. MULTIPURPOSE | 14 | |
| 15 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. MULTIPURPOSE | 16 | |
| 17 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. MULTIPURPOSE | 18 | |
| 19 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. MULTIPURPOSE | 20 | |
| 21 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. MULTIPURPOSE | 22 | |
| 23 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. MULTIPURPOSE | 24 | |
| 25 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. MULTIPURPOSE | 26 | |
| 27 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. MULTIPURPOSE | 28 | |
| 29 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. MULTIPURPOSE | 30 | |
| 31 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. MULTIPURPOSE | 32 | |
| 33 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. MULTIPURPOSE | 34 | |
| 35 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. MULTIPURPOSE | 36 | |
| 37 | REC. MULTIPURPOSE | | | | 1 | 20 | | REC. MULTIPURPOSE | 38 | |
| 39 | SPACE | | | | | | | REC. MULTIPURPOSE | 40 | |
| 41 | SPACE | | | | | | | 1.0 20 1 1/2 12 12 NEW LIGHT FIXTURE | 42 | |

TOTAL KVA _____

10,000 AMP. RMS. SYMMETRICAL SHORT CIRCUIT CURRENT RATING

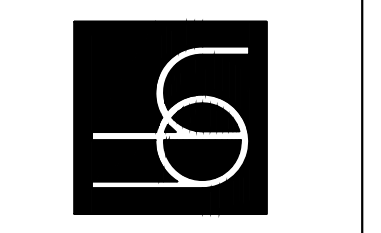
L1 REMOVE EXISTING CIRCUIT BREAKER AND WIRES AND PROVIDE NEW CIRCUIT BREAKER, WIRES AND ACCESSORIES WITH AIC TO MARCH EXISTING PANEL.

L2 VERIFY CIRCUIT IS FEEDING EXISTING MULTIPURPOSE ROOM OUTLETS BEFORE MODIFYING THE CIRCUIT. DO NOT DISCONNECT ANY CIRCUITS THAT ARE NOT FEEDING THE MULTIPURPOSE ROOM.

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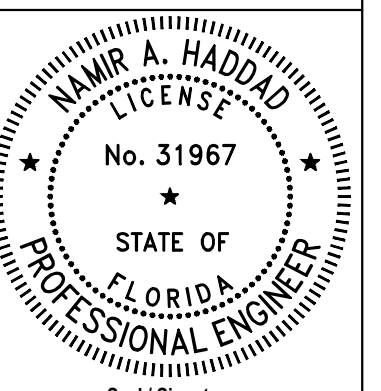
BHIDE & HALL ARCHITECTS, P.A.
 300 HARBOR BLVD SUITE 300
 JACKSONVILLE FLORIDA 32257
 TEL: (904) 552-2666
 LICENSE NO. AC0000669
 PH: (904) 264-1919
 ORANGE PARK, FLORIDA 32073

HADDAD ENGINEERING, INC.
 1329 KINGSLEY AVENUE SUITE C
 JACKSONVILLE, FLORIDA 32205
 CERTIFICATE OF AUTHORIZATION NO. 0400



UNIVERSITY OF NORTH FLORIDA
 ARENA OFFICE RELOCATION
 11852 UNIVERSITY OF NORTH FLORIDA DRIVE
 JACKSONVILLE, FLORIDA 32224

ENGINEER LICENSE NO.
 NAMIR A. HADDAD P.E. 31967



| Revision | Date |
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ELECTRICAL
 PANEL
 SCHEDULES

DATE: 05/18/21
 D.B.: AWINH
 C.B.: NAH
 JOB NO: 202102

E5.1
 75% REVIEW