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1 - -  
- -

EXTERIOR PARTITION  
NON-RATED

NON LOAD BEARING

EXISTS. ← NEW

1" GAP

METAL STUDS, SEE WALL TAG

5/8" TYPE 'X' GYP BD

THERMAL BATT INSULATION (R-21)

(E) CMU WALL

EXTERIOR

PLAN

OCCURS AT: FURRED WALLS AT CONCRETE OR MASONRY EXTERIOR WALLS

EXTERIOR WALL TYPE 1 - METAL

2 - -  
- -

EXTERIOR WALL  
NON-RATED

NON-LOAD BEARING

EXISTS. ← NEW

(E) SIDING

(E) SHEATHING

METAL STUD, SEE WALL TYPE

BATT INSULATION (R-19)

5/8" GYPSUM WALL BOARD

EXTERIOR

PLAN

EXTERIOR WALL TYPE 2 - METAL

3 - -  
- -

EXTERIOR WALL  
NON-RATED

NON-LOAD BEARING

EXISTS. ← NEW

(E) EXTERIOR SIDING

(E) SHEATHING

(E) 2x4 FRAMING

5/8" GYPSUM WALL BOARD

THERMAL BATT INSULATION (R-11)

EXTERIOR

PLAN

EXTERIOR WALL TYPE 3 - WOOD

4 - -  
- -

EXTERIOR WALL  
NON-RATED

NON-LOAD BEARING

EXISTS. ← NEW

(E) SIDING

(E) SHEATHING

(E) GYPSUM BOARD

(E) 2x4 FRAMING

(E) R-11 BATT INSULATION

METAL STUD, SEE WALL TYPES

ADD THERMAL BATT INSULATION (R-21)

5/8" GYPSUM WALL BOARD

EXTERIOR

PLAN

R-11 + R-21 = R-32  
1/32 = 0.031 (U-VALUE)

EXTERIOR WALL TYPE 4 - METAL

5 - -  
- -

EXISTING EXTERIOR WALL

(E) BRICK WALL

ASSEMBLY COMPONENTS  
OUTSIDE AIR FILM = 0.17  
MASONRY WALL 6 CELLS DEEP, R-32/CELL = 1.92  
INSIDE AIR FILM = 0.68  
TOTAL R-VALUE = 2.77  
TOTAL U-VALUE = 0.36

(E) EXTERIOR WALL TYPE 5 - BRICK

A - -  
- -

INTERIOR WALL  
NON-RATED

GENERIC OR PROPRIETARY  
NON-BEARING

5/8" TYPE 'X' GYP BD

THERMAL BATT INSULATION, (R-21) WHERE INDICATED.  
ACOUSTIC INSULATION WHERE INDICATED

METAL STUD @ 16" O.C.

INTERIOR

PLAN

INTERIOR WALL TYPE A - METAL

B - -  
- -

INTERIOR PARTITION  
NON-RATED

INFILL AT BRICK WALL

NEW ← EXISTS.

(E) BRICK WALL

MASONRY FASTENER

5/8" GYPSUM WALL BOARD, BOTH SIDES

INTERIOR

THERMAL BATT INSULATION (R-21)

2x FRAMING

(E) BRICK SILL BELOW

PLAN

INTERIOR WALL TYPE B - WOOD INFILL

C - -  
- -

INTERIOR WALL  
NON-RATED

RAMP ASSEMBLY

2X WOOD STUDS, SEE WALL TYPE TAG

5/8" GYP BD, SEE DETAILS

PLAN

INTERIOR WALL TYPE C - WOOD

D - -  
- -

EXISTING INTERIOR WALL  
NON-RATED

GENERIC  
NON-BEARING

(E) 5/8" TYPE 'X' GYPSUM WALL BOARD, BOTH SIDES

(E) METAL STUDS

(E) R-19 THERMAL BATT INSULATION

INTERIOR

PLAN

(E) INTERIOR WALL TYPE D - METAL

E - -  
- -

INTERIOR WALL  
NON-RATED

GENERIC OR PROPRIETARY  
NON-BEARING

HARDIE PANEL VERTICAL SIDING

WEATHER BARRIER

5/8" PLYWOOD SHEATHING

5/8" TYPE 'X' GYP BD

METAL STUD @ 16" O.C.

THERMAL BATT INSULATION, (R-21)

EXTERIOR

PLAN

INTERIOR WALL TYPE E - METAL

F - -  
- -

EXISTING INTERIOR WALL

(E) CMU WALL

CONCRETE BLOCK, PARTIALLY GROUTED U-VALUE: 0.48  
(ASHRAE 90.1-2016 TABLE A3.1-1)

PLAN

(E) INTERIOR WALL TYPE F - CMU

GENERAL NOTES - WALL TYPES

A. METHODS FOR CHOOSING TESTED FIRE RATED ASSEMBLIES SHALL COME FROM FIRE-RESISTANCE DESIGN DOCUMENTED BY APPROVED SOURCES AS FOLLOWS:

1. IBC PRESCRIPTIVE DESIGNS PER IBC SECTION 721.
2. CALCULATIONS PER IBC SECTION 722.
3. ENGINEERING ANALYSIS PER ASTM E119 OR UL 263
4. ALTERNATE PROTECTION METHOD AS ALLOWED BY SECTION 104.11
5. APPROVED FIRE-RESISTANCE DESIGN FROM AN APPROVED TESTING AGENCY. TESTED ASSEMBLIES INCLUDED FOR THIS PROJECT THAT ARE NOT FROM THE ABOVE 4 METHODS ARE BASED ON THE FOLLOWING:
  - a. GA-600-2015 TESTED ASSEMBLIES, GENERIC OR PROPRIETARY AS NOTED.
  - b. CURRENT UL TESTED ASSEMBLIES, GENERIC OR PROPRIETARY AS NOTED.
6. 5/8" TYPE 'X' GYPSUM WALL BOARD SPECIFIED THROUGHOUT UNLESS OTHERWISE SPECIFIED. PROVIDE TILE BACKER BOARD WITH EQUIV. FACE RATING AS REQUIRED TO MAINTAIN FIRE RATING ON ALL WALLS WITH TILE.
7. C. REFER TO STRUCTURAL DRAWINGS FOR LOAD BEARING AND SHEAR WALL REQUIREMENTS AND LOCATIONS.
8. D. CONFORM TO THE REQUIRED TESTED COMPONENTS PER THE DESIGNATED TESTING. SUBSTITUTIONS ARE NOT ALLOWED WITHOUT APPROVAL OF THE ARCHITECT AND THE AHJ.
9. E. REFER TO WALL TYPE LEGEND ON CODE ANALYSIS PLANS FOR FIRE RESISTIVE WALLS AND OR AS REQUIRED TO HAVE FIRE PROTECTED OPENINGS (FIRE PROTECTED RATED DOORS AND GLAZING AND DUCTS). FIRE PROTECTED OPENING WALLS REQUIRE FIRE STOPPING / PENETRATION PROTECTION.
10. F. WALL TYPES STATED AS "BASED ON" A LISTED ASSEMBLY MIGHT VARY IN STUD SIZE AND SPACING. PER GA-600-2015 P.10 ITEM 18 "GREATER STUD SIZES (DEPTHS) SHALL BE PERMITTED TO BE USED IN METAL-OR WOOD-STUD SYSTEMS.
11. G. WALLS EQUAL TO OR LESS THAN 1 HOUR FIRE RESISTIVE RATING CAN BE SHOWN TO MEET THE REQUIRED FIRE RESISTIVE RATING BY THE CALCULATION METHOD PER IBC SECTION 703 AND SECTION 722.
12. H. WALL TYPES STATED AS "BASED ON" A LISTED ASSEMBLY MIGHT VARY DUE TO THE ADDITION OF COMPONENTS THAT ARE NOT PART OF THE TESTED ASSEMBLY. PER GA-600-2015 P.10 ITEM 14, 24, 25, "ADDITIONAL LAYERS SHALL BE PERMITTED TO BE ADDED TO ANY SYSTEM." FASTENERS SPECIFIED FOR THE ATTACHMENT OF GYP BOARD APPLIED OVER THE ADDITIONAL LAYER(S) OF ELEMENTS SHALL BE INCREASED BY NOT LESS THAN THE THICKNESS OF THE ADDITIONAL LAYER(S).
13. I. SEE SPECIFICATIONS FOR APPLICATION OF FINISH REQUIREMENTS PER LOCATION.
14. J. SEE SHEET A100 FOR ENERGY CODE COMPLIANCE SUMMARY FOR THERMAL INSULATION REQUIREMENTS. ACOUSTICAL BATTS SHALL FILL THE WALL CAVITY FULL (UNO) FOR BEST PERFORMANCE.
15. K. FACED OR UN FACED BATTS ARE PERMITTED TO BE ADDED TO THE ASSEMBLY WHEN NOT A COMPONENT OF THE STUD WALL TEST PER GA- 600- 2015- NOTE 11

WALL ASSEMBLIES LEGEND

WALL ASSEMBLY TYPE  
NUMBER = EXTERIOR WALL TYPE  
LETTER = INTERIOR WALL TYPE

STUD SIZE / CORE THICKNESS  
WOOD:  
2 = 2x2  
4 = 2x4  
6 = 2x6  
8 = 2x8  
O = OTHER, SEE WALL TYPE  
STEEL:  
2 = 1 5/8"  
2.5 = 2 1/2"  
3 = 3 5/8" (OR 3 1/2" SEE STRUCT)  
4 = 4"  
6 = 6"  
O = OTHER, SEE WALL TYPE  
CMU:  
ANY = CMU NOMINAL WIDTH IN INCHES

FIRE-RATING  
N = NON RATED/ NON BEARING  
1 = 1 HOUR  
2 = 2 HOUR  
3 = 3 HOUR  
4 = 4 HOUR  
S = SMOKE

WALL STUD FINISH HEIGHT  
E = EXTERIOR  
X = SHAFT/ EXTEND THRU CONCEALED SPACE  
S = TO STRUCTURE ABOVE  
C = TO CEILING  
P = PARTIAL

INSULATION TYPE  
A = ACOUSTIC INSULATION. FILL ALL CAVITIES FULL  
T = THERMAL  
- = NONE  
SEE WALL TYPES FOR THERMAL INSULATION R-VALUE & THICKNESS

NOTES:  
1. SEE ENERGY COMPLIANCE SCHEDULE FOR MIN THERMAL INSULATION R-VALUES & ALL CAVITIES TO BE FILLED FULL WITH NO VOIDS

1. FULL HEIGHT PARTITION

A130 SCALE: 1/2" = 1'-0"

GASKET CONTINUOUS BETWEEN WALL & CEILING AND WALL & EXISTING WOOD BEAMS WHERE APPLICABLE.

+/- 14'-10" MAX A.F.F.

18 GA. DEFLECTION CHANNEL SECURED TO WOOD STRUCTURE WITH #12-1/2" WOOD SCREWS AT 24" O.C. MAX - USE SELF-DRILLING POINT OR PRE-DRILL TRACK

CONTINUE GYP. BD. TO UNDERSIDE OF STRUCTURE

6" MTL STUDS (600S162-43) @ 24" OC W/ 5/8" TYPE X GYP BD EA SIDE. EXTEND MTL STUDS & GYP BD FULL HEIGHT TO UNDERSIDE OF STRUCTURE ABOVE. PROVIDE R-21 THERMAL INSUL FRICTION FIT IN STUD. STUD GAUGE PER SSMA SPAN TABLES.

EXISTING FLOOR

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REGISTERED ARCHITECT  
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CONSULTANT:

PROJECT NUMBER: 220177

IRON FIREMAN  
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4784 SE 17TH AVENUE  
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SHEET TITLE:

WALL ASSEMBLIES

DRAWN BY: CDG

DATE ISSUED: 09.18.2020

SHEET:

A130 PERMIT SET

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GENERAL NOTES

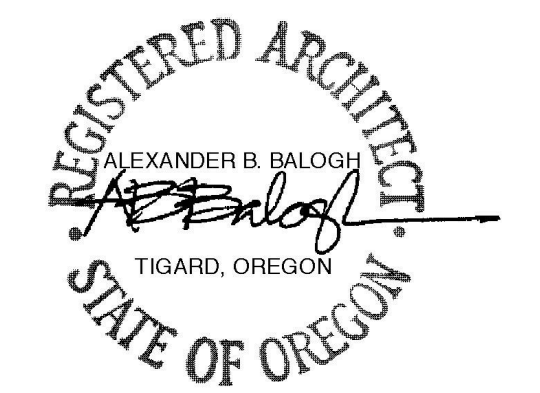
A. SEE A200 SERIES 1/8" SCALE PLANS FOR ADDITIONAL INFORMATION.  
B. SITE INFORMATION FOR REFERENCE ONLY. SEE SITE PLANS.  
C. ALL DIMENSIONS ARE TO FACE OF STUD UNO OR CENTER OF WINDOW OPENING, COLUMN, OR GRID. EXTERIOR DIMENSIONS ARE TO FACE OF FOUNDATION/FACE OF FRAMING. DIMENSIONS INDICATED AS "CLR MIN" ARE TO FACE OF FINISH.

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KEYNOTES

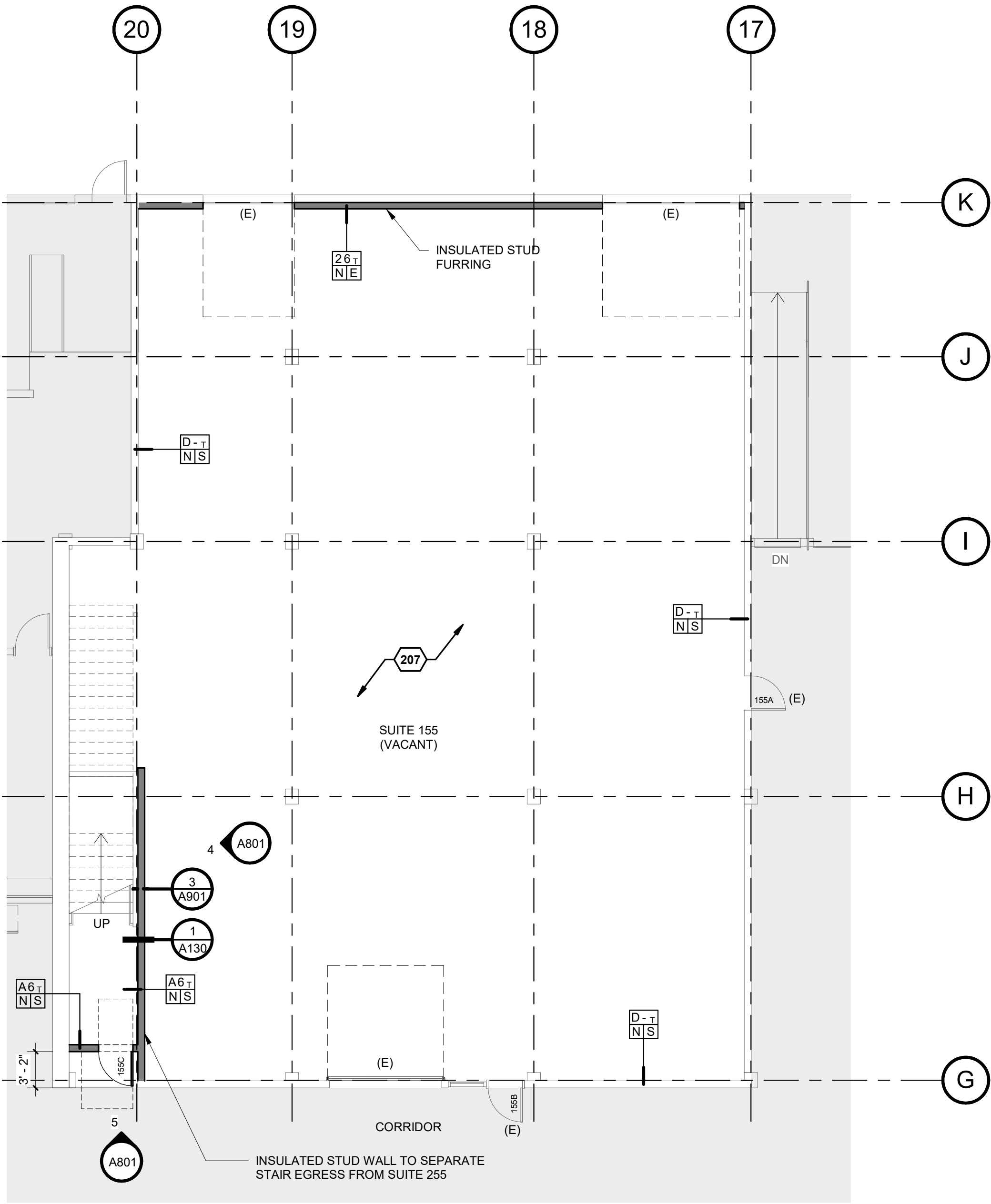
207 SPACE TO BE CONDITIONED. CONTRACTOR TO PROVIDE HVAC TO MEET ENERGY CODE

WALL TYPES

SEE A130 FOR WALL TYPE INFORMATION.

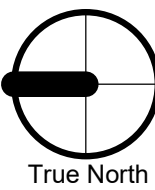
LEGEND

- EXISTING TO REMAIN (REFER TO KEYED NOTES FOR MORE INFORMATION)
- NEW SCOPE OF WORK (REFER TO KEYED NOTES FOR MORE INFORMATION)
- NOT IN SCOPE OF WORK
- NEW SCOPE OF WORK



1. FIRST FLOOR PLAN - SUITE 155

A204 SCALE: 1/8" = 1'-0"



PROJECT NUMBER: 220177

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SHEET TITLE:

First Floor Plan  
- Suite 155

DRAWN BY: PDK

DATE ISSUED: 09.18.2020

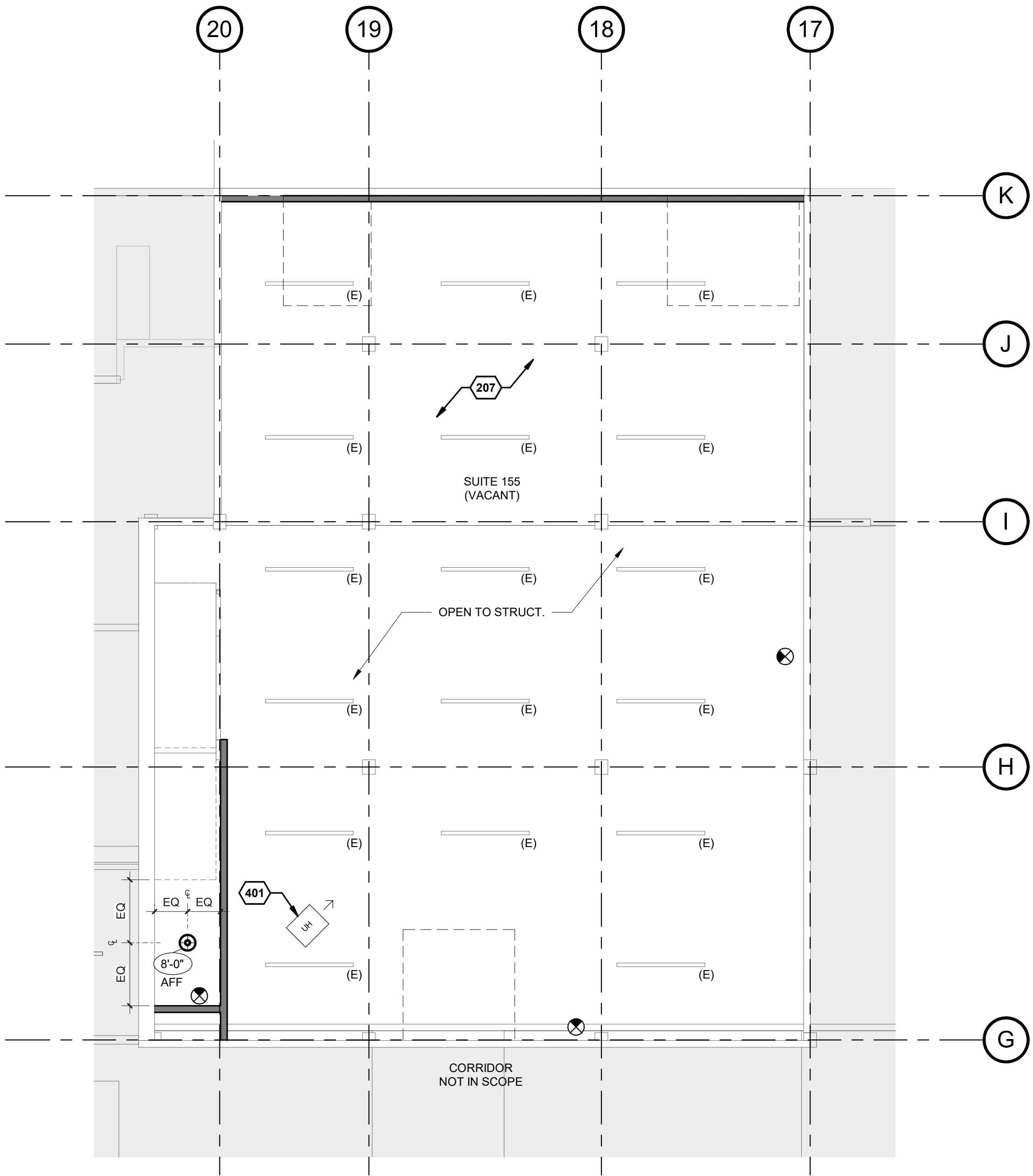
SHEET:

A204  
PERMIT SET

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1. REFLECTED CEILING PLAN - SUITE 155

A404 SCALE: 1/8" = 1'-0"

## GENERAL NOTES - RCP

A. ALL ELECTRICAL WORK IS DESIGN-BUILD. EXISTING AND NEW LIGHT FIXTURES ARE SHOWN FOR REFERENCE ONLY. VERIFY EXISTING CONDITIONS AND REPORT DISCREPANCIES TO ARCHITECT. SUBMIT ELECTRICAL PLANS AND PHOTOMETRIC CALCS TO ARCHITECT FOR REVIEW PRIOR TO CONSTRUCTION. CLEAN AND RESTORE ALL LIGHTS TO WORKING ORDER PRIOR TO JOB COMPLETION.

B. ALL FIRE/LIFE SAFETY WORK IS DESIGN-BUILD. SUBMIT PROPOSED LOCATIONS FOR EMERGENCY LIGHTING, STROBES, SMOKE DETECTION AND SPRINKLERS (IF REQ'D) TO ARCHITECT FOR REVIEW AND COORDINATION PRIOR TO CONSTRUCTION.

C. SPOT ELEVATIONS ARE FROM FINISH FLOOR TO SURFACE OF CEILING AND ARE ROUNDED TO THE NEAREST INCH, TYP.

D. PAINT ALL ACCESS PANELS AND DIFFUSERS TO MATCH ADJACENT CEILING FINISHES UNO.

E. WHERE NEW LIGHTS ARE ADDED, MATCH EXISTING BUILDING STANDARD TYPE AND FINISH.

F. WHEN NEW LIGHT SWITCHES ARE ADDED TO ANY PORTION OF THE SUITE, REPLACE ALL EXISTING LIGHT SWITCHES WITH NEW BUILDING STANDARD OCCUPANCY SENSOR SWITCHES.

G. VERIFY ALL MOUNTING HEIGHTS ONSITE WITH ARCHITECT PRIOR TO INSTALL.

H. ALL DAYLIGHT ZONES ARE TO BE PROVIDED WITH INDIVIDUAL CONTROLS THAT CONTROL THE LIGHTS INDEPENDANT OF GENERAL AREA LIGHTING IN THE NON-DAYLIGHT ZONE. INDIVIDUAL DAYLIGHT ZONES LARGER THAN 350 SF MUST BE PROVIDED WITH AUTOMATIC DAYLIGHT CONTROLS.

## KEYNOTES

207 SPACE TO BE CONDITIONED. CONTRACTOR TO PROVIDE HVAC TO MEET ENERGY CODE  
401 (E) UNIT HEATER TO REMAIN. VERIFY IN FIELD

## RCP LEGEND

- EXISTING TO REMAIN (REFER TO KEYED NOTES FOR MORE INFORMATION)
- NEW SCOPE OF WORK (REFER TO KEYED NOTES FOR MORE INFORMATION)
- NOT IN SCOPE OF WORK
- NEW SCOPE OF WORK
- GYP. BD. SOFFIT OR GYP. BD. SUSPENDED CEILING SYSTEM.
- CEILING ELEVATION TAG
- EXISTING UNIT HEATER
- LIGHT FIXTURES
  - PENDANT LIGHT FIXTURE
    - H = HIGH BAY FIXTURE
    - L = LOW BAY FIXTURE
    - MODEL: NUVO 76-284. MATCH EXISTING COLOR
  - EXISTING PENDANT LIGHT FIXTURE
    - H = HIGH BAY FIXTURE
    - L = LOW BAY FIXTURE
  - LINEAR PENDANT LIGHT FIXTURE
    - MODEL: MATCH BUILDING STANDARD
  - EXISTING LINEAR PENDANT LIGHT FIXTURE
  - EXISTING LINEAR PENDANT LIGHT FIXTURE
- EXIT SIGN W/ INTEGRATED DIRECTIONAL ARROW. SEE SUITE EGRESS PLANS AND ELECTRICAL DRAWINGS.

CONSULTANT:

PROJECT NUMBER: 220177

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SHEET TITLE:

**Reflected  
Ceiling Plan -  
Suite 155**

DRAWN BY: PDK  
DATE ISSUED: 09.18.2020

SHEET:  
**A404**  
PERMIT SET