#### GENERAL NOTES

Occupancy Classification - Mixed Occupancy -Residential Group R-2 (Apartment Rentals) -Business (Restaurant)

Commercial Business and Basement Areas-Separate Submission to City by others

Occupant Loads: Table 1004.1.1

Storage Use (First Floor Rear only) ± 200 SF @ 300 SF/Person = 1 occupant

Residential Apartments - Existing to remain

Three Floors - 7 units per floor = 21 Units Total Approx. 3,000 Gross Square feet per floor; Total 9,000 Residential Apartment Area

Construction Type III B - Exterior Walls - 2Hour; Noncombustible

1. All work shall be in accordance with IBC 2015 by ICC, 2009 NFPA 101 Life Safety Code, 2010 ADA Standards for Accessible Design, Maine Uniform Building Code, NFPA-70 National Electric Code, NFPA 54 National Fuel & Gas Code, NFPA 96, and any other NFPA codes applicable to Mechanical, Electrical or HVAC installation. Maine State Plumbing Code, ASHRAE, ASTM, UL (Underwritwers Laboratories) and all local, State and Federal requirements.

2. All applicable Federal, State and Municipal regulations shall be followed, including the Federal Department of Labor Occupational Safety and Health Act (OSHA)

3. All required City and State permits must be obtained before any construction begins.

4. It is the contractor's sole responsibility to determine erection procedures and sequence to ensure the safety of the building and its components during erection. This includes the addition of necessary shoring, sheeting, temporary bracing, guys or tie-downs.

5. All fire ratings indicated shall be continuous to underside of roof deck/floor as indicated. Seal all openings & mechanical penetrations with approved fire safing material and/or rated fire dampers as applicable.

6. All egress doors shall have positive self-closer and latch mechanisms with lever handles or panic hardware meeting standards as specified in the 2010 ADA & 2009 NFPA-101 codes. Door width in the required means of egress shall provide a clear width of 32 inches minimum. Clear openings of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees. (Refer to Life Safety Plans & Door Swing Clearances)

7. Structural, Mechanical, Electrical, Plumbing, Heating, Ventilating and Air Conditioning Engineering Design by others. Coordination with Architectural plans by General Contractor. Obtain necessary Permits and Conform to applicable codes.

8. Dimensions shown are approximate and are measured to the face of stud walls. The letter (E) represents "existing elements". Contractor shall verify actual dimensions and locations of existing structural elements, existing windows and doors, stairs & accessories, masonry foundations, exterior wall locations, ceiling heights, insulation, floor elevations and life safety equipment in the field prior to placement of proposed stair walls and related equipment. Any discrepancies shall be brought to the attention of Architect/Engineer before proceeding with the affected part of the

#### 9. Illumination of Means of Egress:

- a) shall be continuous during the time that the conditions of occupancy require the means of egress be available for use.
- b) the minimum illumination for floors and walking surfaces, other than new stairs, shall be to values of at least 1 ft-candle (11 lux) measured at the floor surface.

The minimum illumination for floors and walking surfaces of egress stairs and exit access corridors in residential occupancies (commercial space design by others) shall be at least 1 ft-candle (11 lux) measured at the floor or at the stair tread surface. Owner shall retain Electrician to select specific equipment and locations and to confirm that minimum light levels are achieved and provide additional lighting fixtures to meet code.

#### 10. Emergency Lighting:

Emergency lighting shall be provided at all exits, aisles, corridors and passageways leading to an exit. illumination shall be provided for a minimum of  $1\frac{1}{2}$  hours, emergency illumination facilities shall be aranged to provide initial illumination that is not less than an average of 1 ft-candle (10.8 lux) and, at any point, not less than 0.1 ft-candle (1.1 lux) measured along the path of egress at floor level. Owner shall retain Electrician to select specific equipment and locations and to confirm that minimum emergency light levels are achieved. (Commercial space designed by others-nic)

- a) Periodic emergency lighting testing shall be in accordance with NFPA101 code and local authority having jurisdiction. Owner shall coordinate this requirement.
- b) Unit equipment, battery systems and emergency lighting inverters for emergency luminaires shall be listed to ansi/ul 924 and shall be an uninterruptible power system.
- 11. Smoke Alarms are required and shall be interconnected. Locations shall be:

a) Inside Dwelling Units:

All Smoke & CO Detectors interconnected within Unit.

- every sleeping area
- outside of every sleeping areas in vicinity of bedrooms
- on all levels of units

b) Outside of Living Units:

All Smoke Detectors interconnected in all common areas.

Coordinate with Fire Alarm Company.

• In all common areas and work spaces outside the living units such as exit stairs, corridors, storage rooms, equipment rooms and other tenantless spaces including Storage and Mechanical Areas.

- 12. Carbon Monoxide Detectors required and shall be interconnected. All Smoke & CO Detectors interconnected within Unit. Locations shall be:
- In each apartment centrally located where fossil fuels (gas ranges, water heaters, etc.) are used.
- Storage and Mechanical Areas where fossil fuels are used

Combination Smoke/Carbon Monoxide Detectors shall be permitted. Smoke detectors shall be photoelectric type only.

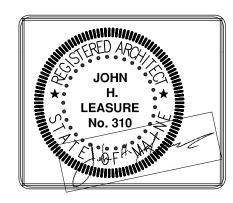
### 13. Fire Extinguishers:

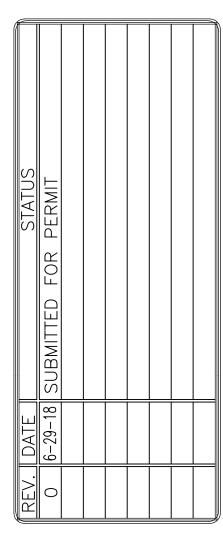
Portable fire extinguishers shall be provided for Class A fire hazards in accordance with NFPA 10. Ordinary hazard occupancy min. rated single extinguisher is 2-A. Maximum travel distance to extinguisher is 75 feet. Extinguisher weighing 40lbs or less shall be installed so that the tops are not more than 5 feet above the floor. (more than 40lbs shall be  $3\frac{1}{2}$  feet above floor).

#### 14. Fire Alarm

- Owner shall provide fire alarm monitoring company name and phone contact number to City Fire Dept.
- A Knox Box with keys for all building spaces shall be provided at the Congress Street apartment entry for Fire Dept emergency access.
- 15. Occupant Notification shall be provided automatically and shall have audio/visual signals and a positive alarm sequence in accordance with codes.





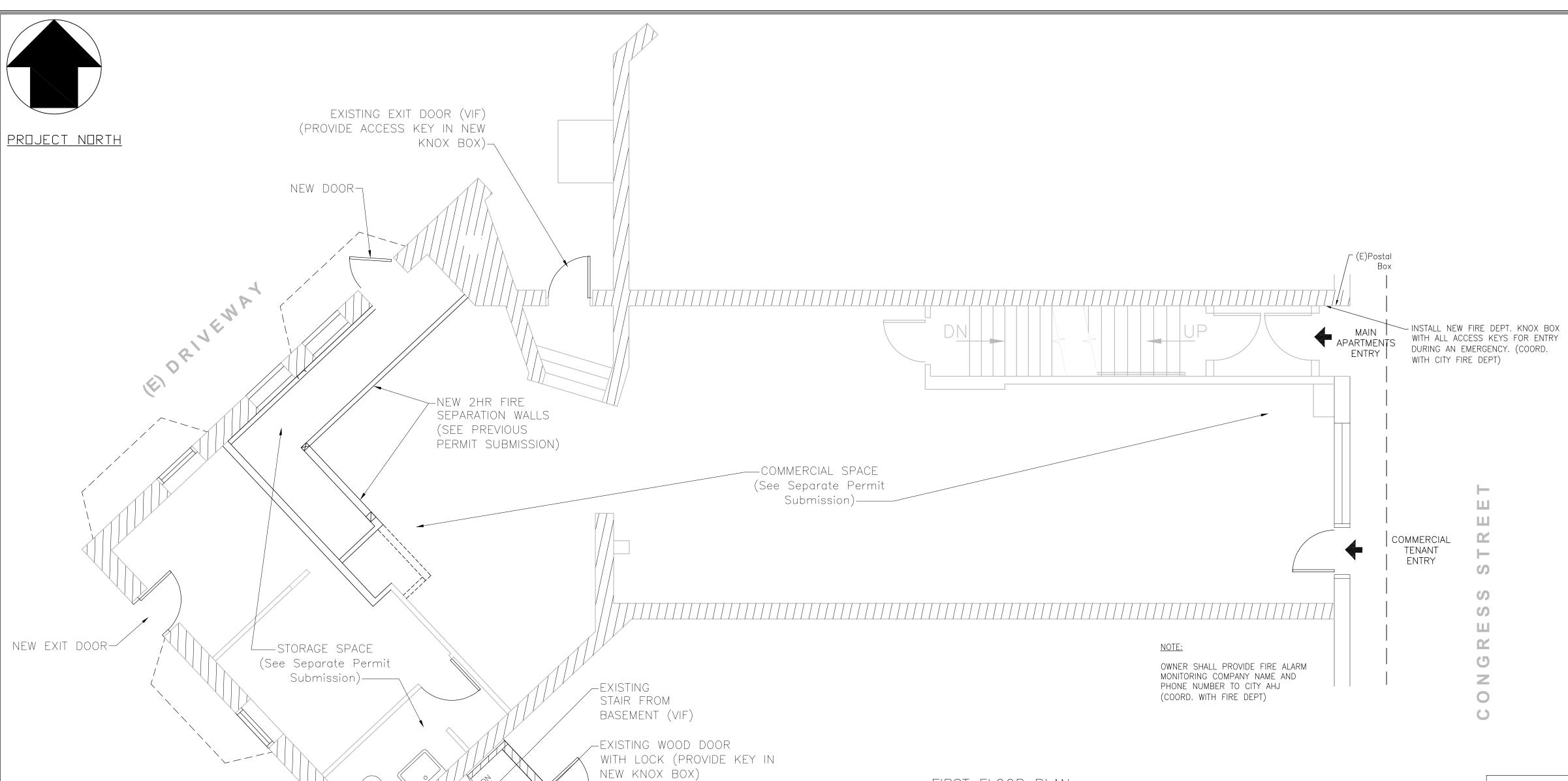


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RESIDENTIAL APARTMENT FLOORS 658 CONGRESS STREET PORTLAND, MAINE NOTES





—EXISTING EGRESS STAIR FROM 2ND

FLOOR (VIF)

-EXISTING FIRE

(SEE NOTE 1)

-EXISTING EGRESS DOOR FROM ADJACENT

BUSINESS SPACE

PULL

NEW EMERGENCY LIGHT →

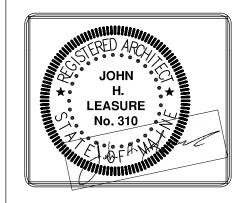
(PROVIDE ACCESS KEY IN NEW

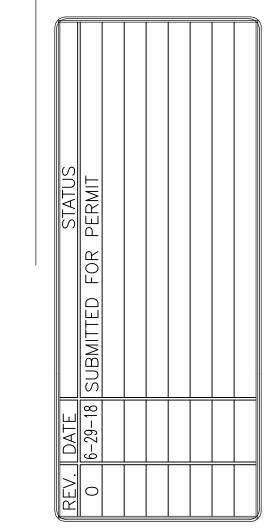
EXISTING EXIT DOOR

WITH CLOSER (VIF)

KNOX BOX)-/







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JOHN H. LEASURE 6 Q STREET SOUTH PORTLAND, I

90

FIRST FLOOR PLAN 1/4" = 1'-0'

## NOTES:

1. EXISTING FIRE PULL STATIONS MOUNTED AT 55" ABOVE FINISHED FLOOR (VIF). THIS INITIATION EQUIPMENT SHALL BE RELOCATED TO 42" MINIMUM, 48" MAXIMUM TO OPERABLE HANDLE OF DEVICE IN ACCORDANCE WITH NFPA 72 17.14.5. CONSULT LOCAL AUTHORITY TO CONFIRM THIS HEIGHT PRIOR TO INSTALLATION.

2. ELECTRICIAN SHALL INSTALL NORMAL LIGHTING FIXTURES IN COMMON EGRESS CORRIDORS AND EGRESS STAIRS TO COMPLY WITH CODE FOR MINIMUM LIGHT LEVELS. REFER TO NOTE 9 ON DRAWING A1.

3. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS, LOCATIONS OF EXISTING EQUIPMENT AND FIRE ALARM DEVICES AND REPORT DISCREPANCIES TO ARCHITECT/ENGINEER.

4. WALL TYPES - SEE DRAWING A6

5. DOOR SCHEDULE- SEE DRAWING A6

<u>LEGEND</u>		
EXISTING (VIF) TO REMAIN	NEW CONNECT TO EXISTING FIRE ALARM SYSTEM	
FEE	FE FIRE EXTINGUISHER	
E	SELF CONTAINED EMERGENCY LIGHT WITH 2 HEADS DUAL-LITE (LED) LZ25NI-03L OR APP'D EQUAL 25 WATTS FOR 90 MINUTES COLOR BY OWNER	
FE	F FIRE ALARM PULL STATION MOUNT AT 48" AFF	
SD <sub>E</sub>	SD SYSTEM CONNECTED SMOKE DETECTOR, PHOTOELECTRIC TYPE	
FE	FIRE ALARM AUDIO/VISUAL MOUNT 6'-8" AFF	
s/co E	SYSTEM CONNECTED COMBINATION SMOKE/CARBON MONOXIDE DETECTOR (SMOKE-PHOTOELECTRIC TYPE)	
<b>€</b> <sub>E</sub>	EXIT SIGN ILLUMINATED (UNSWITCHED)	
€ <sub>E</sub>	EXIT SIGN ILLUMINATED (UNSWITCHED) WITH DIRECTIONAL ARROW	

RESIDENTIAL APARTMENT FLOORS 658 CONGRESS STREET PORTLAND, MAINE FIRST FLOOR PLAN





5. DOOR SCHEDULE- SEE DRAWING A6

EXISTING (VIF)
TO REMAIN

REW
CONNECT TO EXISTING FIRE ALARM SYSTEM

FE

SELF CONTAINED EMERGENCY LIGHT
WITH 2 HEADS
DUAL-LITE (LED) LZ25NH-03L OR APP'D EQUAL
25 WATTS FOR 90 MINUTES
COLOR BY OWNER

F

F

FIRE ALARM PULL STATION MOUNT AT 48" AFF

SD

SD

SYSTEM CONNECTED SMOKE DETECTOR, PHOTOELECTRIC TYPE

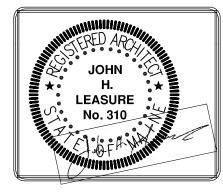
FIRE ALARM AUDIO/VISUAL
MOUNT 6-8" AFF

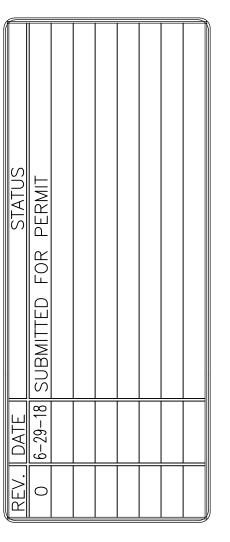
SCO

SYSTEM CONNECTED COMBINATION SMOKE/CARBON MONOXIDE
DETECTOR (SMOKE-PHOTOELECTRIC TYPE)

EXIT SIGN ILLUMINATED (UNSWITCHED)
WITH DIRECTIONAL ARROW





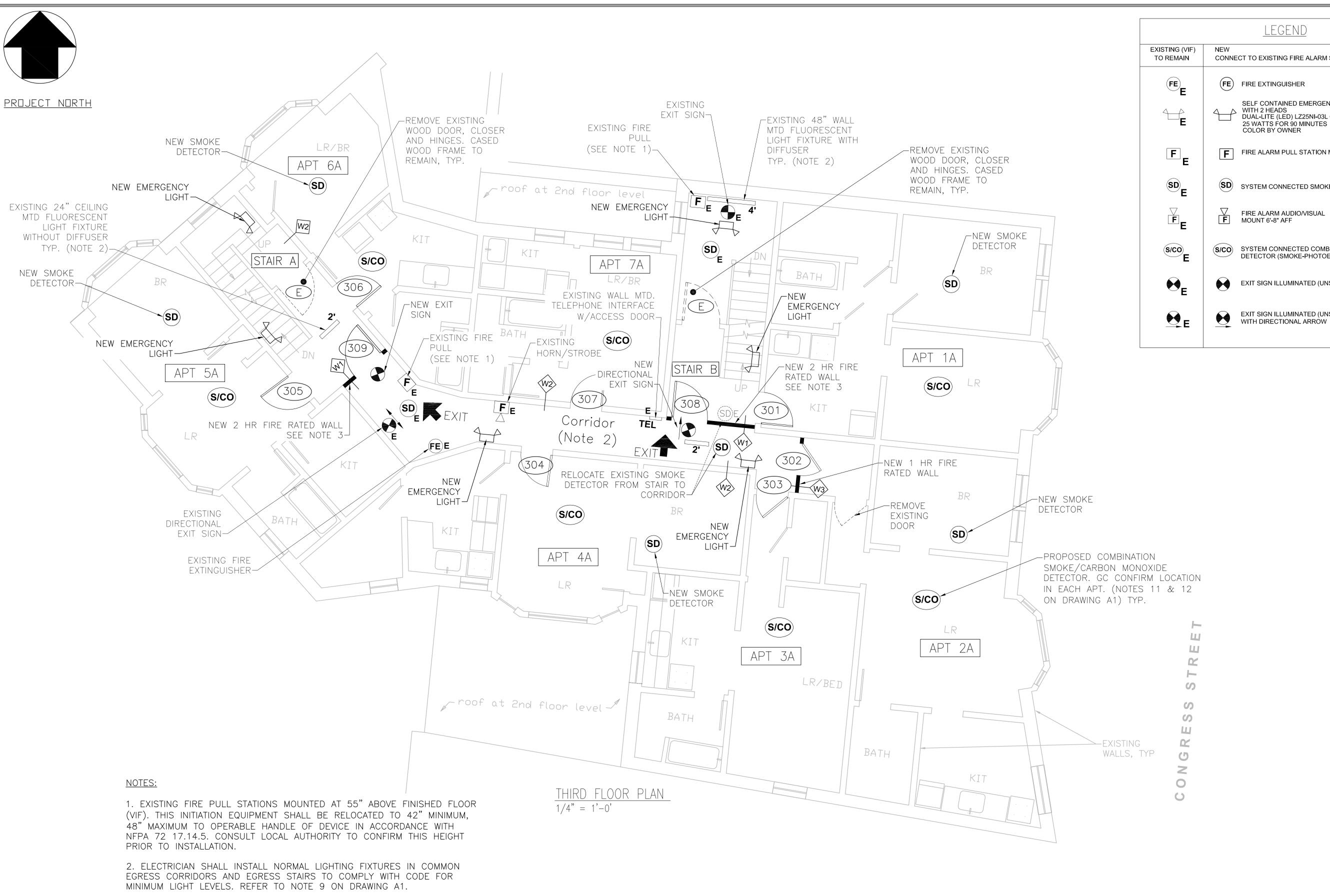


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RESIDENTIAL APARTMENT FLOORS
658 CONGRESS STREET
PORTLAND, MAINE

SECOND FLOOR PLAN





3. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS, LOCATIONS OF EXISTING EQUIPMENT AND FIRE ALARM DEVICES AND REPORT DISCREPANCIES

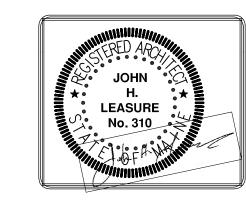
TO ARCHITECT/ENGINEER.

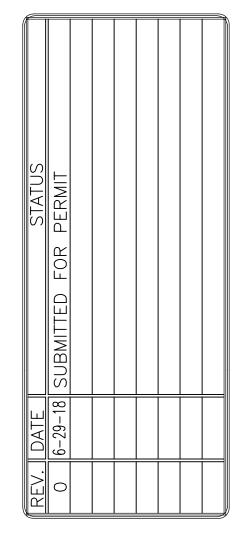
4. WALL TYPES - SEE DRAWING A6

5. DOOR SCHEDULE- SEE DRAWING A6

CONNECT TO EXISTING FIRE ALARM SYSTEM SELF CONTAINED EMERGENCY LIGHT WITH 2 HEADS
DUAL-LITE (LED) LZ25NI-03L OR APP'D EQUAL 25 WATTS FOR 90 MINUTES COLOR BY OWNER FIRE ALARM PULL STATION MOUNT AT 48" AFF (SD) SYSTEM CONNECTED SMOKE DETECTOR, PHOTOELECTRIC TYPE (S/CO) SYSTEM CONNECTED COMBINATION SMOKE/CARBON MONOXIDE DETECTOR (SMOKE-PHOTOELECTRIC TYPE) EXIT SIGN ILLUMINATED (UNSWITCHED) EXIT SIGN ILLUMINATED (UNSWITCHED)
WITH DIRECTIONAL APPOINT



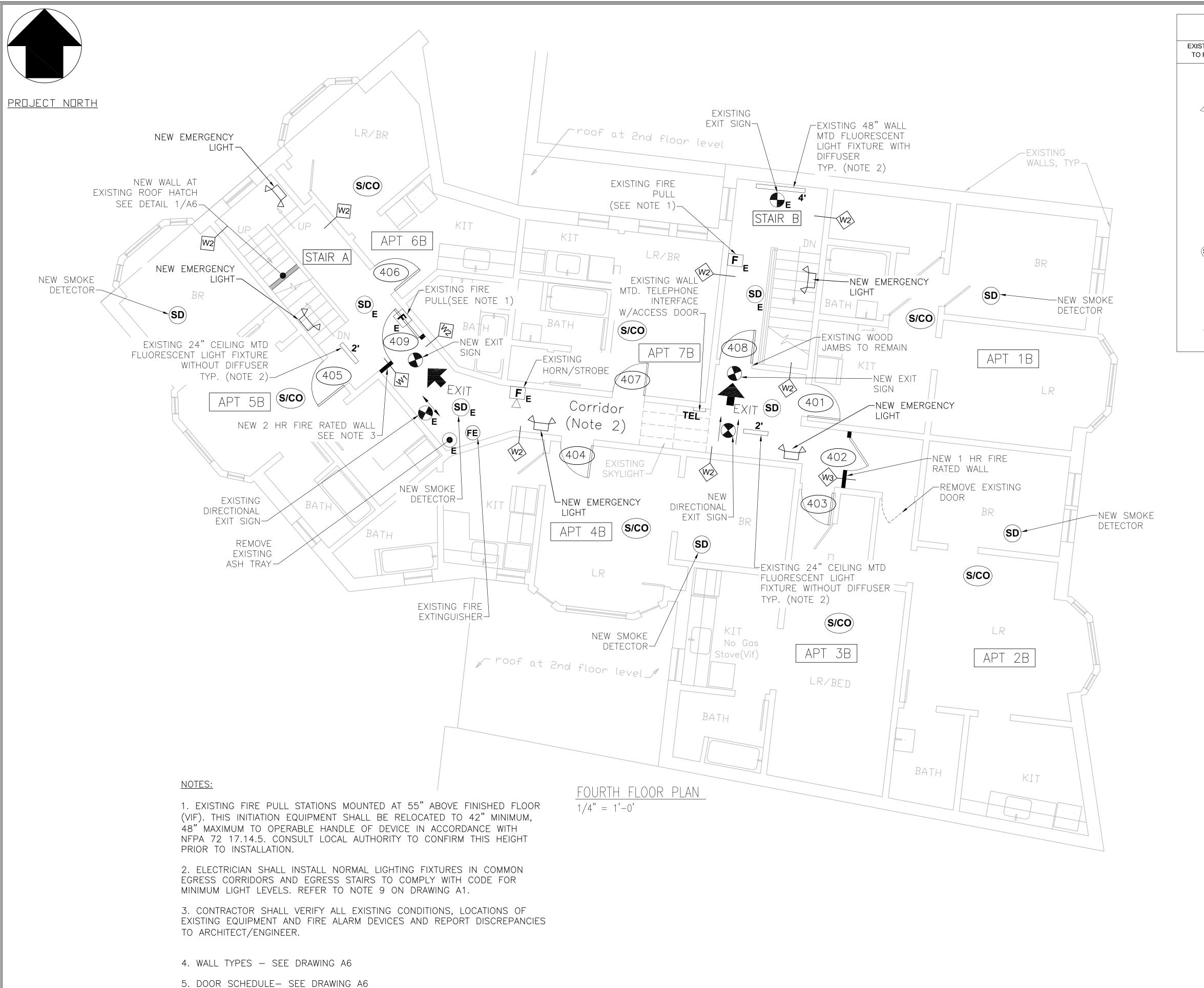




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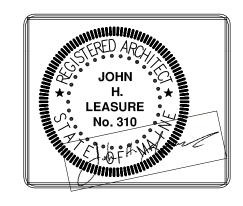
RESIDENTIAL APARTMENT FLOORS 658 CONGRESS STREET PORTLAND, MAINE THIRD FLOOR PLAN

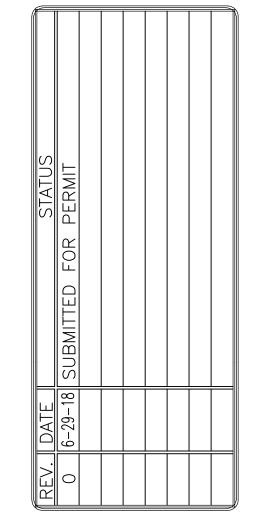




LEGEND		
EXISTING (VIF) TO REMAIN	NEW CONNECT TO EXISTING FIRE ALARM SYSTEM	
FE	FE FIRE EXTINGUISHER	
E	SELF CONTAINED EMERGENCY LIGHT WITH 2 HEADS DUAL-LITE (LED) LZ25NI-03L OR APP'D EQUAL 25 WATTS FOR 90 MINUTES COLOR BY OWNER	
FE	F FIRE ALARM PULL STATION MOUNT AT 48" AFF	
SDE	SD SYSTEM CONNECTED SMOKE DETECTOR, PHOTOELECTRIC TYPE	
E	FIRE ALARM AUDIO/VISUAL MOUNT 6'-8" AFF	
s/co E	SYSTEM CONNECTED COMBINATION SMOKE/CARBON MONOXIDE DETECTOR (SMOKE-PHOTOELECTRIC TYPE)	
<b>€</b> <sub>E</sub>	EXIT SIGN ILLUMINATED (UNSWITCHED)	
<b>€</b> E	EXIT SIGN ILLUMINATED (UNSWITCHED) WITH DIRECTIONAL ARROW	







RE ARCHITECT, INC.

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RESIDENTIAL APARTMENT FLOORS
658 CONGRESS STREET
PORTLAND, MAINE

FOURTH FLOOR PLAN

**(7)** 

0



# DOOR SCHEDULE

2'-8" x 6'-8"

3'-0" x 6'-8"

3'-0" x 6'-8"

2'-8" x 6'-8"

GYPSUM WALLBOARD, TAPED -

MARK | ROOM

APT ENTRY

STAIR B

STAIR A

STAIR C

APT ENTRY

STAIR B

STAIR A

APT ENTRY

APT ENTRY

APT ENTRY

APT ENTRY

APT ENTRY

APT ENTRY

STAIR B

STAIR A

STAIRS A&B

201

202

203

204

205

206

209

210

301

303

305

306

309

402

403

405

407

409

THK. F.R.

1 1/2 HR

20 MIN

20 MIN

20 MIN

1 1/2 HR

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DOOR SCHEDULE ABBREVIATIONS

S.H. SPRING HINGE

FRAME TYPES

1 1/2 HR

1/2 HR

∣ 1/2 HR

1/2 HR

1/2 HR

1/2 HR

1 1/2 HR

∣ 1/2 HR

CLO. CLOSER DSI DOOR SILENCERS

HA HANDICAP ACCESSIBLE

REMARKS

FR, CLO, WS, DS, DSI, DST

FR, CLO, WS, DS, DSI, DST

FR, CLO, WS, DS, DSI, DST

FR, CLO, WS, DS, DSI, DST

D.S. DOOR SWEEP

HM HOLLOW METAL

INS INSULATED

GLASS

TYPE

MAT.

STEEL

.C. WOOD

STEEL

STEEL

NOTE 5

STEEL

STEEL

STEEL

STEEL

C. WOOD

NOTE 5 C. WOOD

STEEL

STEEL

NOTE 5

STEEL

STEEL

C. WOOD

STEEL

STEEL

S.C. WOOD NOTE 5

STEEL

STEEL

WOOD

C. WOOD

C. WOOD

DST DOOR STOP

K KICKPLATE (PUSH SIDE) KL KEY LOCK

PS PASSAGE SET

SPF SPRUCE, PINE, FIR

TYPE

BB

AA

STEEL

EXISTING WOOD

EXISTING WOOD

STEEL

STEEL

EXISTING WOOD

STEEL

STEEL

STEEL

STEEL

NEW WOOD

EXISTING WOOD

EXISTING WOOD

STEEL

STEEL

EXISTING WOOD

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STEEL

EXISTING WOOD

NEW WOOD

EXISTING WOOD

EXISTING WOOD

STEEL

STEEL

STEEL

BB EXISTING WOOD

BB EXISTING WOOD

BB EXISTING WOOD

LC FULL HEIGHT LOCKING CHANNEL MTL. METAL DOOR PULL

P.H. FIRE EXIT PANIC HARDWARE (NOTE 3) S.J. SPLIT JAMB (WOOD) P.P. PUSH PLATE TEMP TEMPERED PVS PRIVACY SET TL THUMB LATCH

DETAILS

HEAD |

JAMB

THK THICKNESS UNDERCUT S.C. SOLID CORE HARDBOARD WD WOOD (SOLID) WG WIRE GLASS

THRESHOLD

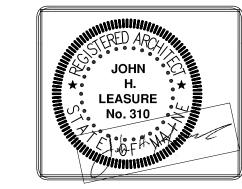
DETAIL

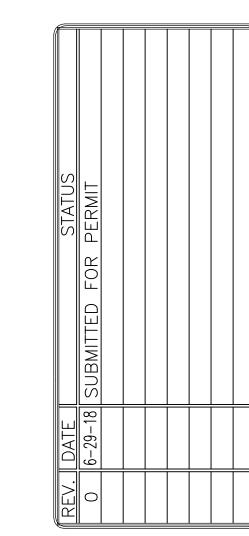
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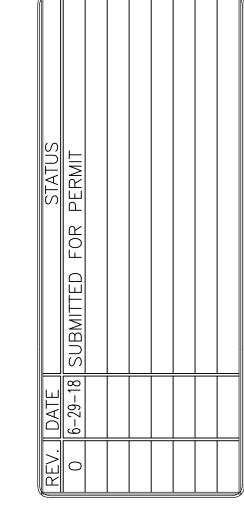
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WEATHERSTRIPPING









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ARCHITECT,

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04

MAINE

JOHN H. LEASURE 6 Q STREET SOUTH PORTLAND,

FIRE RATED LABELED METAL DOOR AND FRAME, SMOKE SEALED, SELF CLOSING, AND EQUIPPED WITH POSITIVE LATCHING MECHANISM. FIRE RATED LABELED METAL DOOR AND FRAME, SMOKE SEALED, SELF CLOSING, AND EQUIPPED WITH POSITIVE LATCHING MECHANISM. \_ FIRE RATED LABELED METAL DOOR AND FRAME, SMOKE SEALED, SELF CLOSING, AND EQUIPPED WITH POSITIVE LATCHING MECHANISM. CONFIRM EXISTING OPENING. \_ FIRE RATED LABELED METAL DOOR AND FRAME, SMOKE SEALED, SELF CLOSING, AND EQUIPPED WITH POSITIVE LATCHING MECHANISM. CONFIRM EXISTING OPENING. GC CONFIRM EXISTING SOLID CORE WOOD DOOR OR PROVIDE—SEE NOTE 5. PROVIDE SELF CLOSING DEVICE AND SMOKE SEAL. INSTALL IN NEW WALL GC CONFIRM EXISTING SOLID CORE WOOD DOOR OR PROVIDE—SEE NOTE 5. PROVIDE SELF CLOSING DEVICE AND SMOKE SEAL \_ GC CONFIRM EXISTING SOLID CORE WOOD DOOR OR PROVIDE-SEE NOTE 5. PROVIDE SELF CLOSING DEVICE AND SMOKE SEAL. FIRE RATED LABELED METAL DOOR AND FRAME, SMOKE SEALED, SELF CLOSING, AND EQUIPPED WITH POSITIVE LATCHING MECHANISM. CONFIRM EXISTING OPENING. FIRE RATED LABELED METAL DOOR AND FRAME, SMOKE SEALED, SELF CLOSING, AND EQUIPPED WITH POSITIVE LATCHING MECHANISM. CONFIRM EXISTING OPENING. GC CONFIRM EXISTING SOLID CORE WOOD DOOR OR PROVIDE-SEE NOTE 5. PROVIDE SELF CLOSING DEVICE AND SMOKE SEAL. FIRE RATED LABELED METAL DOOR AND FRAME, SMOKE SEALED, SELF CLOSING, AND EQUIPPED WITH POSITIVE LATCHING MECHANISM. FIRE RATED LABELED METAL DOOR AND FRAME, SMOKE SEALED, SELF CLOSING, AND EQUIPPED WITH POSITIVE LATCHING MECHANISM. GC CONFIRM EXISTING SOLID CORE WOOD DOOR OR PROVIDE-SEE NOTE 5. PROVIDE SELF CLOSING DEVICE AND SMOKE SEAL. GC CONFIRM EXISTING SOLID CORE WOOD DOOR OR PROVIDE-SEE NOTE 5. PROVIDE SELF CLOSING DEVICE AND SMOKE SEAL. INSTALL IN NEW WALL GC CONFIRM EXISTING SOLID CORE WOOD DOOR OR PROVIDE—SEE NOTE 5. PROVIDE SELF CLOSING DEVICE AND SMOKE SEAL GC CONFIRM EXISTING SOLID CORE WOOD DOOR OR PROVIDE—SEE NOTE 5. PROVIDE SELF CLOSING DEVICE AND SMOKE SEAL. FIRE RATED LABELED METAL DOOR AND FRAME, SMOKE SEALED, SELF CLOSING, AND EQUIPPED WITH POSITIVE LATCHING MECHANISM. CONFIRM EXISTING OPENING. FIRE RATED LABELED METAL DOOR AND FRAME, SMOKE SEALED, SELF CLOSING, AND EQUIPPED WITH POSITIVE LATCHING MECHANISM. CONFIRM EXISTING OPENING. GC CONFIRM EXISTING SOLID CORE WOOD DOOR OR PROVIDE-SEE NOTE 5. PROVIDE SELF CLOSING DEVICE AND SMOKE SEAL. \_ FIRE RATED LABELED METAL DOOR AND FRAME, SMOKE SEALED, SELF CLOSING, AND EQUIPPED WITH POSITIVE LATCHING MECHANISM. CONFIRM EXISTING OPENING. FIRE RATED LABELED METAL DOOR AND FRAME, SMOKE SEALED, SELF CLOSING, AND EQUIPPED WITH POSITIVE LATCHING MECHANISM. \_ EXISTING BI SWINGING WOOD DOOR TO BE REMOVED INCLUDING CLOSER AND HINGES. EXISTING HEAD & JAMBS TO REMAIN. CONFIRM MIN. 32" EXISTING CLEAR WIDTH. (E)ROOF HATCH (E)ROOF (VIF) ¬

REMARKS

GC CONFIRM EXISTING SOLID CORE WOOD DOOR OR PROVIDE-SEE NOTE 5. PROVIDE SELF CLOSING DEVICE AND SMOKE SEAL.

GC CONFIRM EXISTING SOLID CORE WOOD DOOR OR PROVIDE-SEE NOTE 5. PROVIDE SELF CLOSING DEVICE AND SMOKE SEAL.

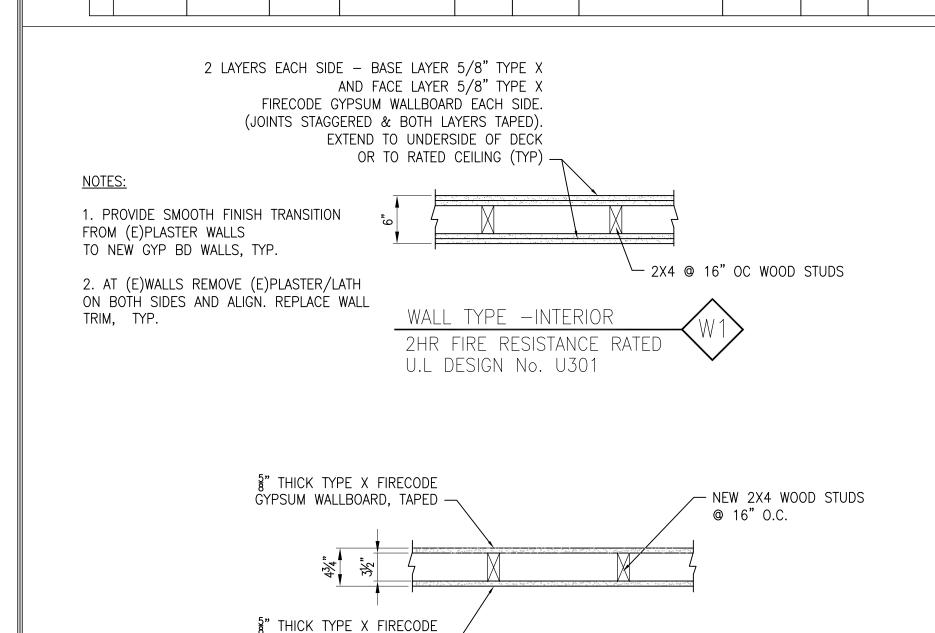
GC CONFIRM EXISTING SOLID CORE WOOD DOOR OR PROVIDE—SEE NOTE 5. PROVIDE SELF CLOSING DEVICE AND SMOKE SEAL.

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FIRE RATED LABELED METAL DOOR AND FRAME, SMOKE SEALED, SELF CLOSING, AND EQUIPPED WITH POSITIVE LATCHING MECHANISM. CONFIRM EXISTING OPENING.

FIRE RATED LABELED METAL DOOR AND FRAME, SMOKE SEALED, SELF CLOSING, AND EQUIPPED WITH POSITIVE LATCHING MECHANISM. CONFIRM EXISTING OPENING.

FIRE RATED LABELED METAL DOOR AND FRAME, SMOKE SEALED, SELF CLOSING, AND EQUIPPED WITH POSITIVE LATCHING MECHANISM. CONFIRM EXISTING OPENING.



WALL TYPE - INTERIOR

1 HR FIRE RESISTANCE RATED

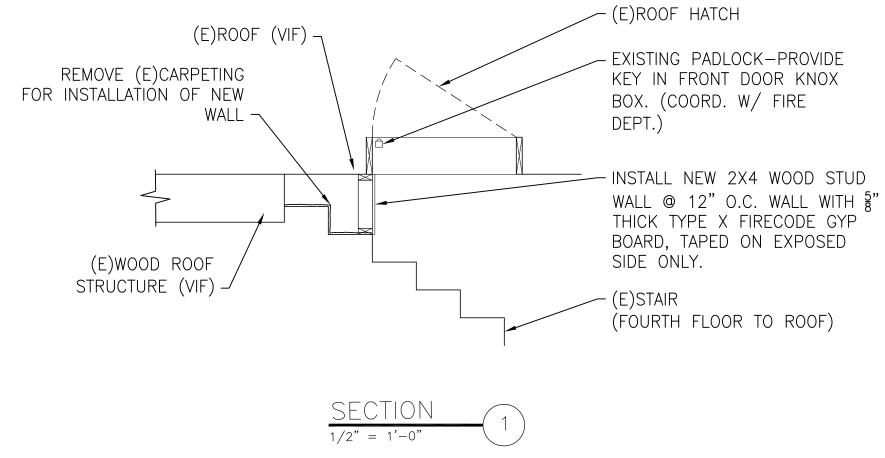
UL DESIGN No. U305

EXISTING 2" X 4" EXISTING WOOD LATH AND WOOD STUDS (VIF) PLASTER EACH SIDE (VIF) -

WALL TYPE -INTERIOR EXISTING VIF (EQUIVALENT 60 MINUTE RATED

1. EXTEND ALL FIRE RATED WALLS FROM FLOOR TO UNDERSIDE OF FLOOR/ROOF DECK OR FIRE RATED CEILING. SEAL ALL PENETRATIONS, CRACKS & VOIDS WITH 2 HOUR FIRE SAFING. TYP.

2. GC VERIFY EXISTING WALL MATERIALS, TRIM AND FINISHES.



RESIDENTIAL APARTMENT FLOORS 658 CONGRESS STREET PORTLAND, MAINE DOOR SCHEDULE, WALL TYPES AND DETAILS

