## **GENERAL DESCRIPTION**

PROJECT LOCATION: 813 NE RICE ROAD LEE'S SUMMIT, MISSOURI 64086

**ENGINEERING AND DESIGN FIRM: EVERSTEAD** 3741 NE TROON DRIVE, STE. 200 LEE'S SUMMIT, MISSOURI 64064

**APPLICABLE CODES:** 

2018 INTERNATIONAL BUILDING CODE 2018 INTERNATIONAL PLUMBING CODE 2018 INTERNATIONAL MECHANICAL CODE 2018 INTERNATIONAL FUEL GAS CODE 2018 INTERNATIONAL FIRE CODE 2017 NATIONAL ELECTRICAL CODE

ICC/ANSI A117.1-2009, ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES

### CODE INFORMATION

**BUILDING/PROJECT USE** BUSINESS TYPE V B CONSTRUCTION TYPE OCCUPANCY CLASSIFICATION **BUSINESS GROUP B** 

BASE ALLOWABLE AREA B 9,000 SQ FT - NON SPRINKLER

**BUILDING AREA** 1277 SQ FT

## **CEILING HEIGHT NOTES: (IBC 1207)**

1. ALL MEANS OF EGRESS TO HAVE A MINIMUM CEILING HEIGHT OF 7'-6" AFF., NOR SHALL HAVE ANY PROJECTION FROM THE CEILING BE LESS THAN 6'-8" A.F.F. 2. OCCUPIED SPACES, HABITABLE SPACES AND CORRIDORS SHALL HAVE A CEILING HEIGHT OF NOT LESS THAN 7'-6" A.F.F. 3. BATHROOMS, TOILET ROOMS, KITCHENS, STORAGE ROOMS AND LAUNDRY ROOMS SHALL HAVE A CEILING HEIGHT OF NOT LESS THAN 7'-0" A.F.F.

# GENERAL EXITING REQUIREMENTS

EXIT TRAVEL DISTANCE 200 FEET DEAD END CORRIDOR

20 FEET OR 75 FEET IF OCC.< 50 COMMON PATH OF TRAVEL MIN. CORRIDOR WIDTH

# OCCUPANT LOAD

7 OCC 1093 SF / 150 SF/ OCC 0 OCC 118 / 300SF / OCC 7 TOTAL OCCUPANTS BUSINESS STORAGE/MECH

# MAIN LEVEL TOTAL OCCUPANTS = 7

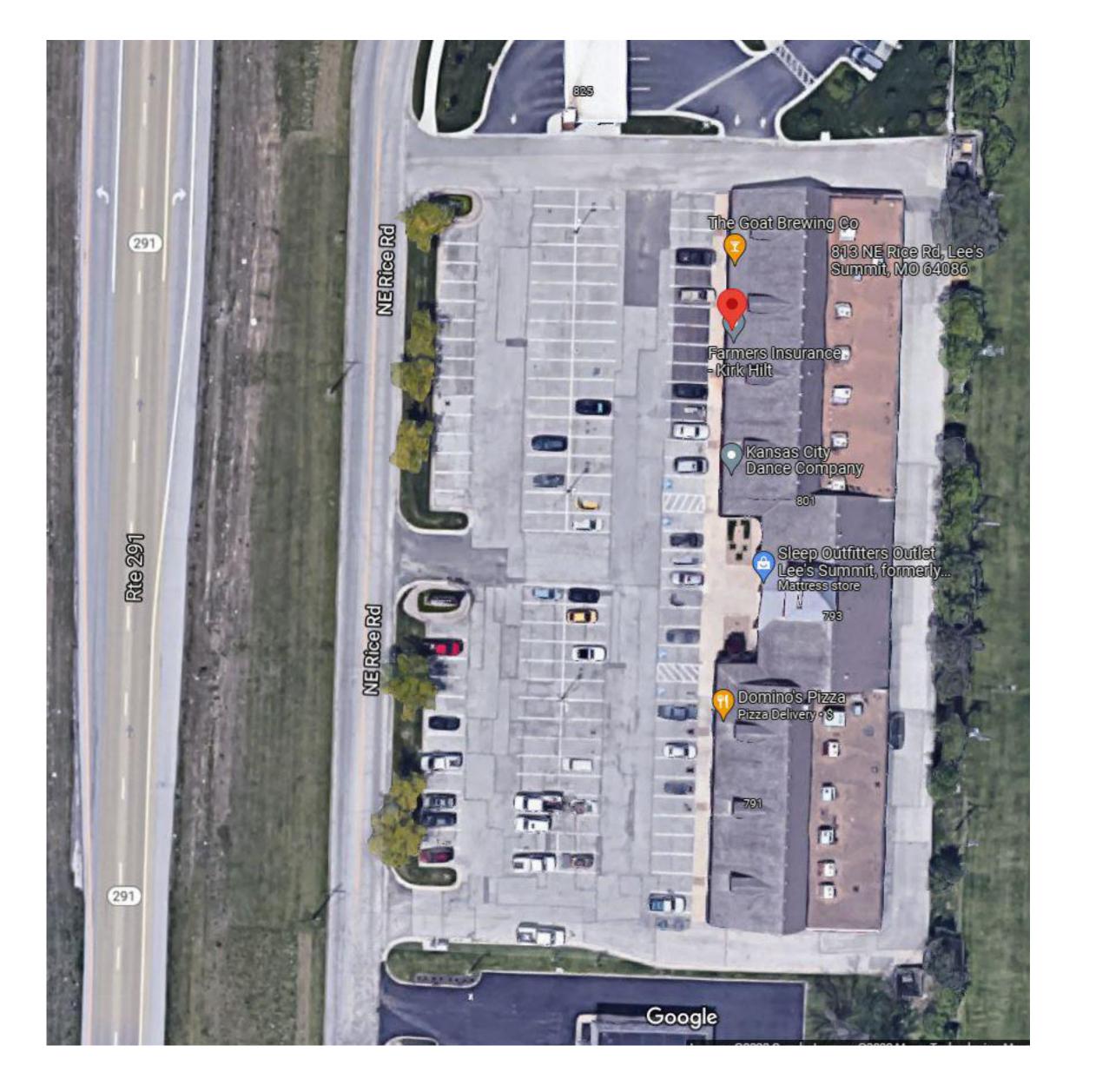
# PLUMBING FIXTURE REQUIREMENTS

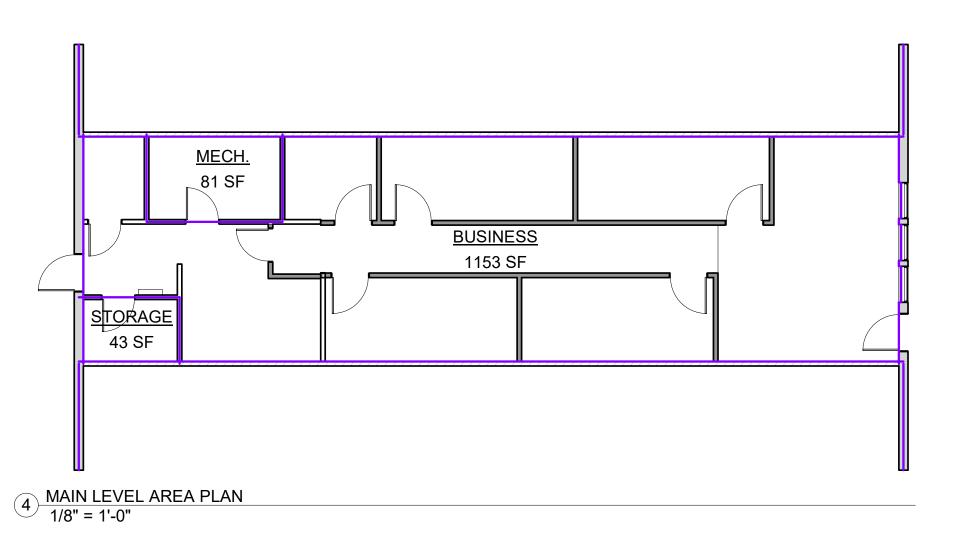
# PLUMBING FIXTURES REQUIRED

1 PER 25 FOR THE FIRST 50 AND 1 PER 50 FOR THE REMAINDER EXCEEDING 50

= 1 REQUIRED = 2 PROVIDED - 1 ADA COMPLIANT WATER CLOSETS: WATER CLOSETS:

LAVATORIES: = 1 REQUIRED = 2 PROVIDED







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**EVERSTEAD** 3741 NE TROON DR, SUITE 200

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**COVER** 

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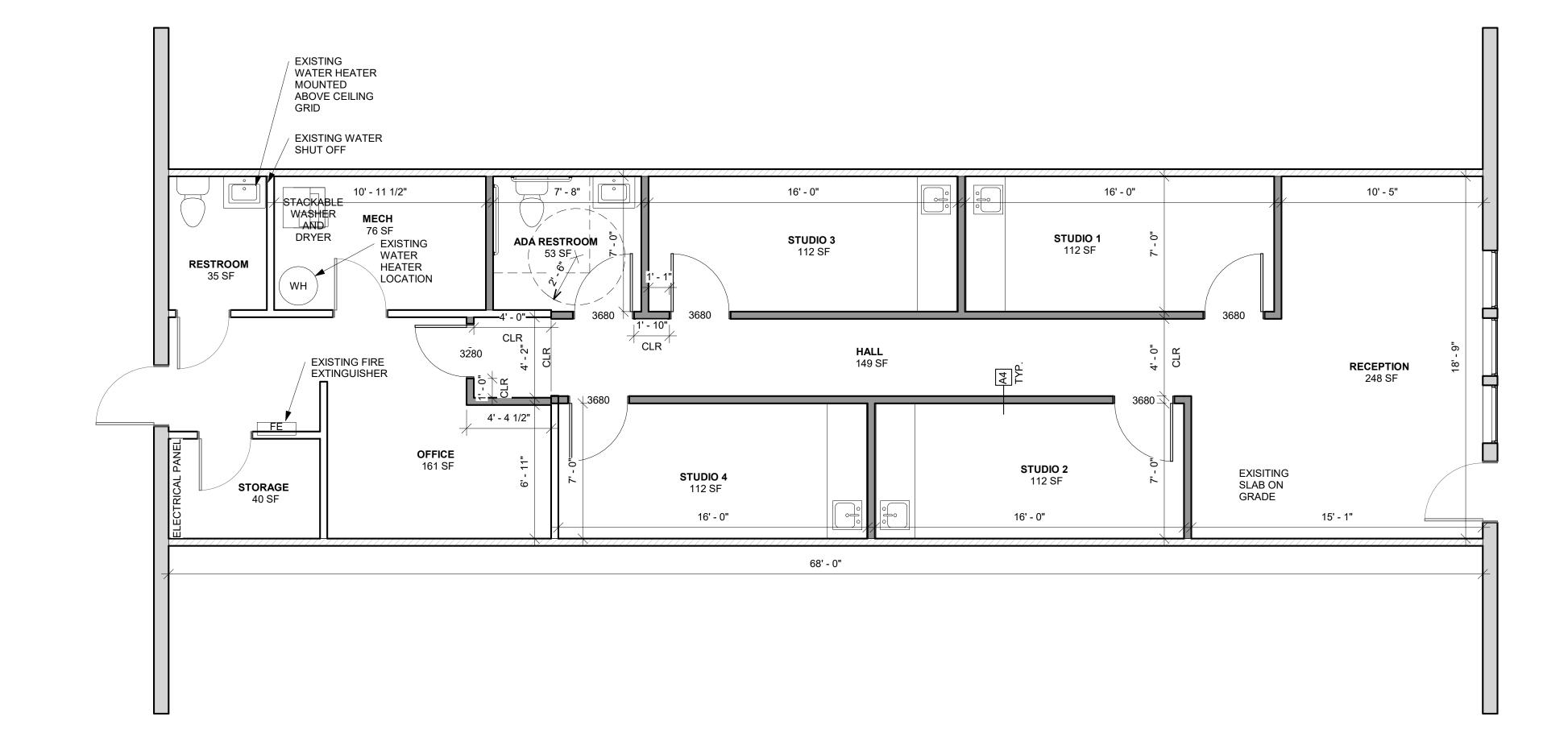
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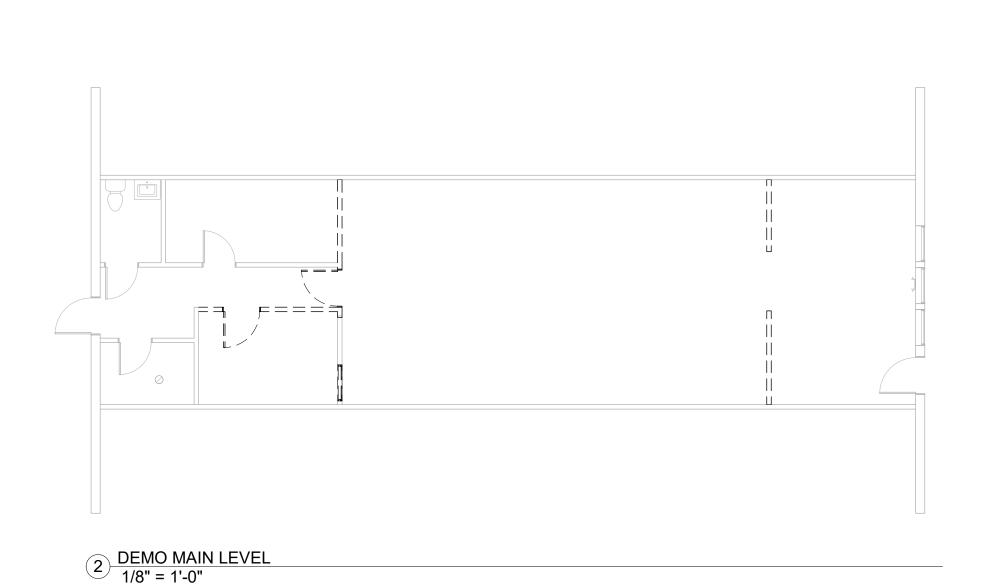
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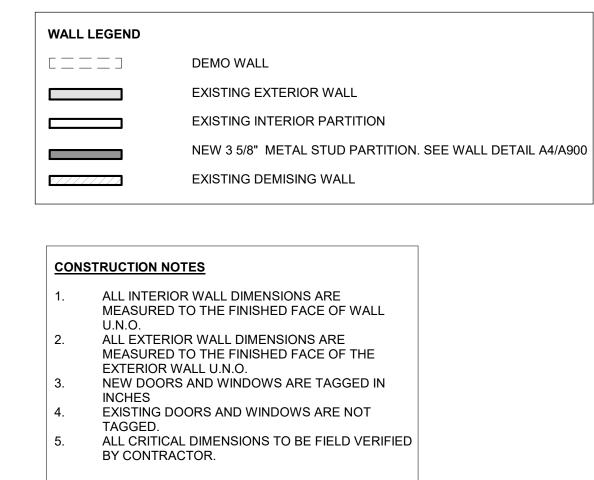
LIGHT GAUGE FRAMING NOTES:

- 1. NONSTRUCTURAL PRODUCTS SHALL MEET THE FOLLOWING MINIMUM CRITERIA: A. ASTM A1003 STRUCTURAL GRADE 50 TYPE H (ST50H), ASTM A1003 STRUCTURAL GRADE 33 TYPE H (ST33H), ASTM A653 SS GRADE 33, ASTM A653 SS GRADE 50 CLASS 1, OR ASTM A1003 NONSTRUCTURAL GRADE 33
  - MIN. METALLIC COATING DESIGNATION OF G40 FOR INTERIOR NONLOAD-BEARING WALL APPLICATIONS
  - STUDS AND JOISTS TO HAVE THE FOLLOWING MINIMUM PROPERTIES:
  - DEPTH: AS NOTED ON DRAWINGS FLANGE: 1 1/4"
  - GAUGE/MIL: AS REQUIRED BY STEEL STUD MANUFACTURERS 2015 PRODUCT TECHNICAL GUIDE TABLES
  - MIN. YIELD STRENGTH: 33 KSI UP TO 18 GA., 16 GA AND THICKER 50 D. ALL LIGHT GAUGE FRAMING SHALL BE INSTALLED w/ BRIDGING,
  - STIFFENERS, ETC. AS REQUIRED BY MANUFACTURER. USE STUDS AND TRACKS OF MATCHING GAUGE
  - USE DEFLECTION TRACKS AT TOPS OF PARTITION WALLS TO ALLOW MOVEMENT OF STRUCTURE.
  - ALL LIGHT GAUGE STEEL FRAMING SHALL BE INSTALLED IN STRICT ACCORDANCE WITH 2018 IBC, ICC-ES ESR3064P, AND THE STEEL STUD MANUFACTUERS (SSMA) 2015 PRODUCT TECHNICAL GUIDE.





1 PLAN VIEW - MAIN LEVEL 1/4" = 1'-0"



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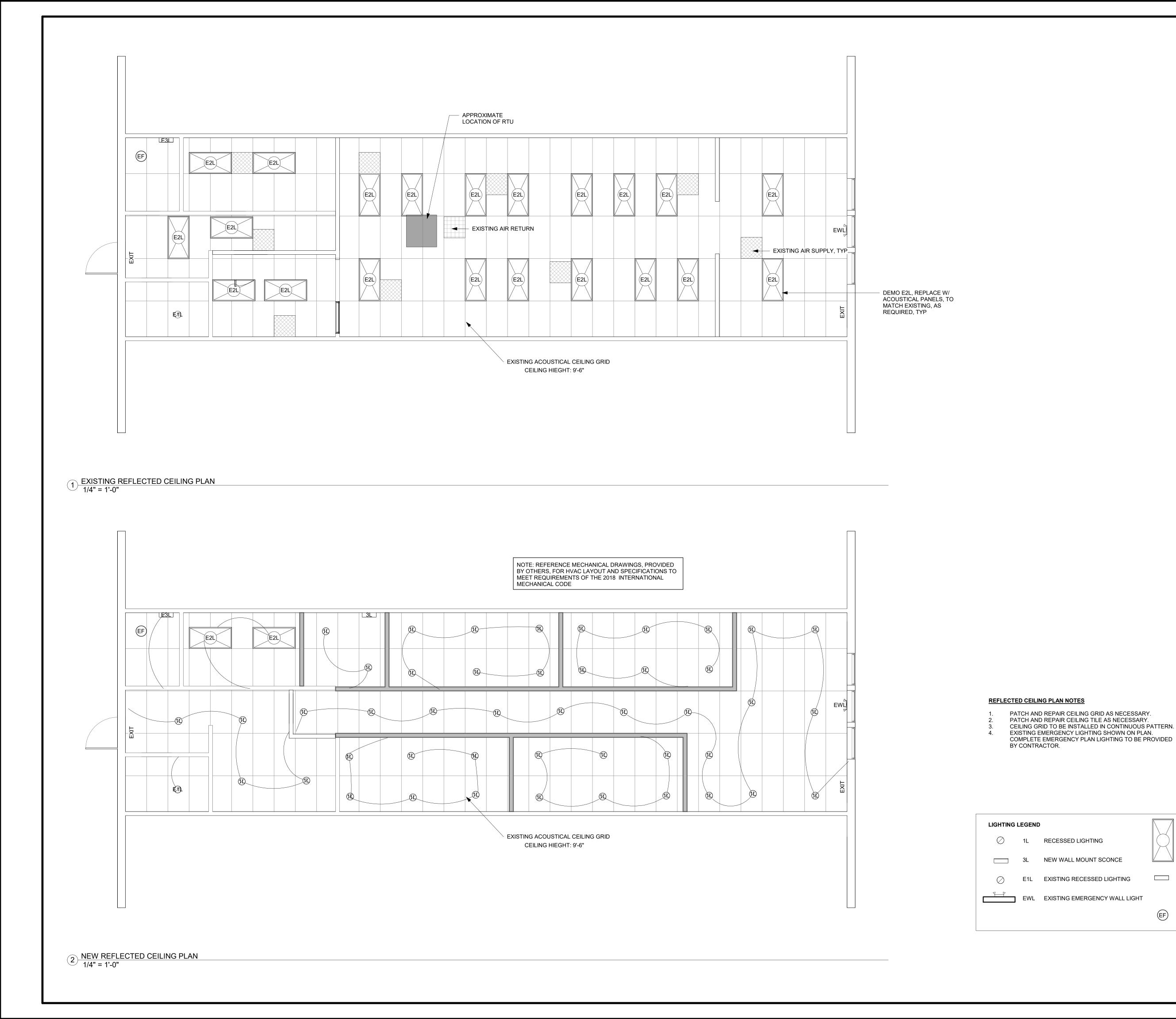
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MAIN LEVEL PLAN

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# STRUCTION TRUE

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E2L EXISING 2x4 PARABOLIC TROFFER

E3L EXISTING WALL MOUNTED SCONCE

CEILING EXHAUST FAN

EXIT EXISTING CEILING MOUNTED EXIT SIGNS

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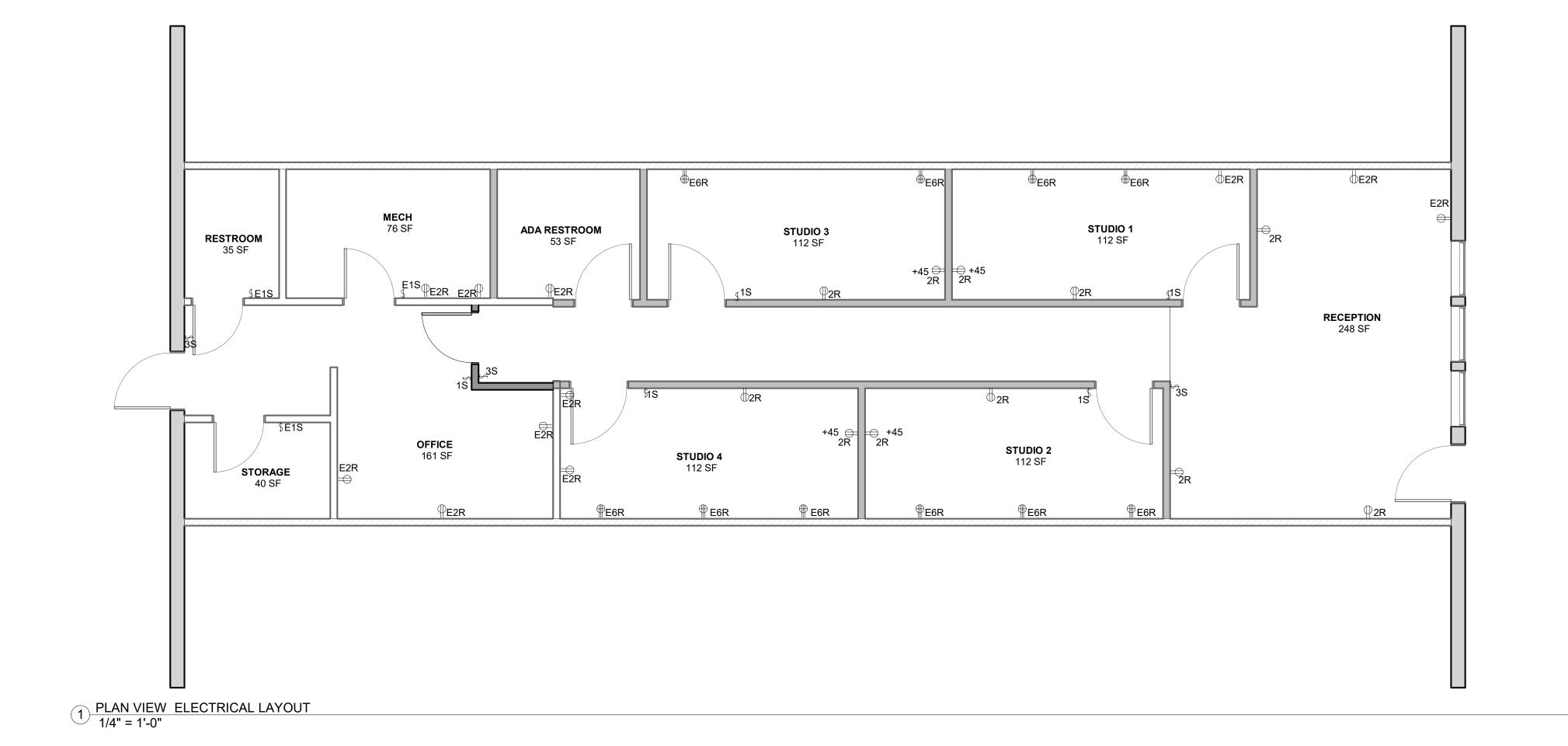
64086 ROAD SOURI RICE, MIS

REFLECTED **CEILING** 

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**ELECTRICAL PLAN NOTES** 

GANG SWITCHES WHERE PRACTICAL.
PROVIDE MOTION DETECTOR SWITCHES PER CODE.
ALL ELECTICAL MUST BE INSTALLED IN ACCORDANCE WITH 2018 IEC.
ALL ELECTRICAL MUST BE INSTALLED BY A LICENSED ELECTRICIAN.

**ELECTRICAL LEGEND** 

\$1S NEW 1 WAY LIGHT SWITCH

\$3S NEW 3 WAY LIGHT SWITCH

©E2R EXISING DUPLEX RECEPTACLE

₩E6R EXISING SIXPLEX RECEPTACLE

\$E1S EXISTING 1 WAY LIGHT SWITCH

NEW DUPLEX RECEPTACLE

TRUE

**ANT FINISH** 

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**ELECTRICAL** 

**LAYOUT** 

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#### **GENERAL NOTES**

- THE GENERAL SCOPE OF WORK INCLUDES THE INTERIOR REMODEL OF THE MAIN LEVEL OF AN EXISTING OFFICE BUILDING. REMODEL WORK IS ANTICIPATED TO INCLUDE, BUT NOT LIMITED TO: DEMOLITION OF EXISTING NONLOAD-BEARING WALLS, DOORS, INTERIOR FINISHES, MECHANICAL (SUPPLY/RETURN DUCTS AND VENTS), AND ELECTRICAL (LIGHTING,
  - RECEPTACLES, CONDUCTORS, ETC.). CONSTRUCTION OF INTERIOR PARTITION WALLS.
  - CONSTRUCTION OF NEW RESTROOM FACILITIES.
  - INSTALLATION OF NEW INTERIOR FINISHES AND FURNISHINGS. INSTALLATION OF NEW ELECTRICAL COMPONENTS AS INDICATED ON THE PLANS.
- INSTALLATION OF NEW MECHANICAL PER MECHANICAL DRAWINGS BY OTHERS. ALL WORK SHALL BE PERFORMED IN COMPLIANCE WITH THE 2018 INTERNATIONAL BUILDING CODE,
- AS ADOPTED BY THE CITY OF LEE'S SUMMIT, MISSOURI, ORDINANCE #8536. NO STRUCTURAL COMPONENTS OF THE EXISTING BUILDING ARE ANTICIPATED TO BE REMOVED AND/OR MODIFIED AS A PORTION OF THIS REMODEL PROJECT. CONTRACTOR SHALL NOT REMOVE,
- CHANGE, OR MODIFY ANY LOAD BEARING MEMBER (WALL, BEAM, JOIST, COLUMN, ETC.) WITHOUT CONSULTING THE OWNER AND WRITTEN PLAN FROM THE ENGINEER.

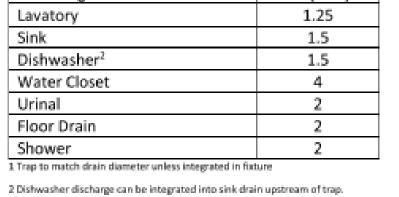
### FIRE & LIFE SAFETY

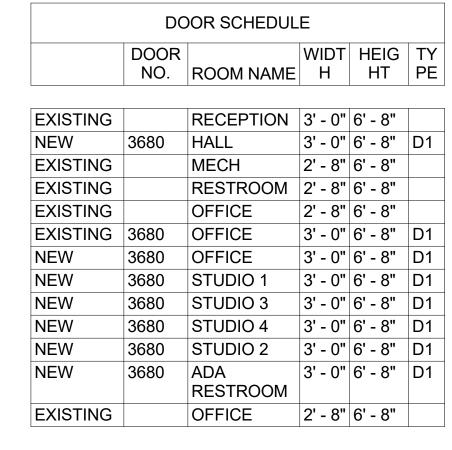
- CONTRACTOR SHALL ENSURE THAT ALL EXISTING EMERGENCY WALL LIGHTING IS OPERATIONAL. ANY NON-OPERATIONAL EMERGENCY LIGHT FIXTURES MUST BE REPLACED WITH AN EQUAL OR BETTER FIXTURE.
- ANY EXISTING EMERGENCY WALL LIGHTING MOUNTED TO AN EXISTING WALL, SCHEDULED FOR DEMOLITION, MUST BE REMOVED, AND RELOCATED TO A POINT THAT PROVIDES THE
- SAME OR BETTER ILLUMINATION OF THE EGRESS PATH. CONTRACTOR TO PROVIDE A-B-C DRY CHEMICAL PORTABLE FIRE EXTINGUISHERS, AS REQUIRED BY CODE.

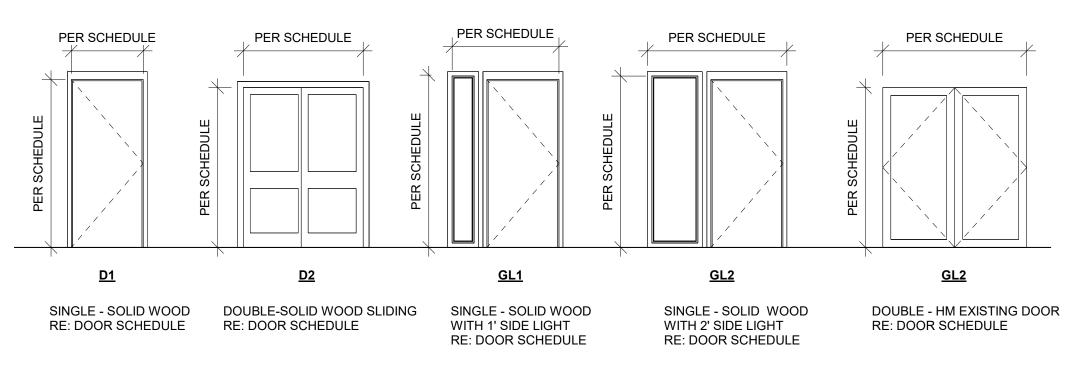
## **PLUMBING**

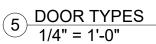
- ALL NEW PLUMBING MUST BE INSTALLED TO MEET THE 2018 INTERNATIONAL PLUMBING CODE PROVIDE A 2" VENT FOR SANITARY SEWER DRAINAGE. TRANSITION VENT TO 4" AT ROOF PENETRATION.
- INSTALL A CLEAN OUT AT THE BEGINNING OF EACH DRAINAGE RUN. PROVIDE THE FOLLOWING MINIMUM DRAIN SIZES FOR EACH FIXTURE. INCREASE THE SIZE OF DRAINPIPE AT EACH CONNECTION, AS REQUIRED TO MEET THE 2018 IPC.

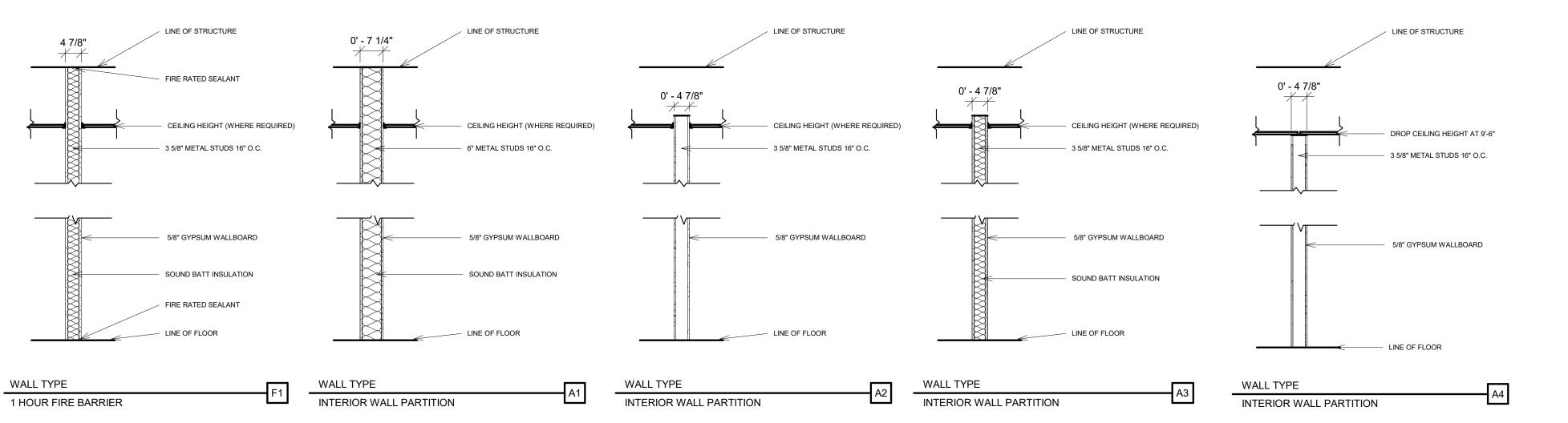
Plumbing Fixture	Drain (inch) <sup>1</sup>
Lavatory	1.25
Sink	1.5
Dishwasher <sup>2</sup>	1.5
Water Closet	4
Urinal	2
Floor Drain	2
Shower	2



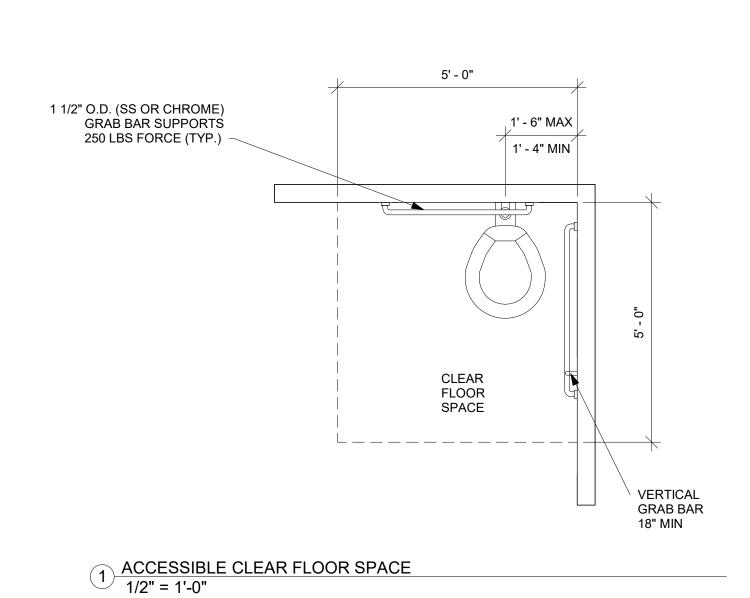




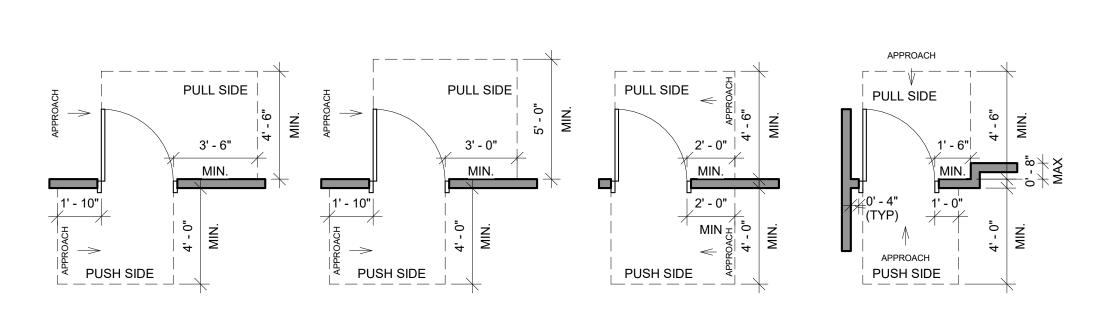




3 WALL TYPE 1/2" = 1'-0"



4 SINK IN COUNTER CLEARANCE 1/2" = 1'-0"



2 TYP. DOOR APPROACH 1/4" = 1'-0"

**DETAILS** 

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LINE OF WHEELCHAIR

CLEAR FLOOR

SPACE

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2' - 6" MIN.