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 CONSTRUCTION TYPE OCCUPANCY CLASSIFICATION BUSINESS TYPE V B 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 DEAD END CORRIDOR COMMON PATH OF TRAVEL MIN. CORRIDOR WIDTH 200 FEET 20 FEET 20 FEET OR 75 FEET IF OCC.< 50 44", OR 36" IF OCC. < 50

OCCUPANT LOAD

 BUSINESS
 7 OCC
 1093 SF / 150 SF/ OCC

 STORAGE/MECH
 0 OCC
 118 / 300SF / OCC

 7 TOTAL OCCUPANTS

MAIN LEVEL TOTAL OCCUPANTS = 7

PLUMBING FIXTURE REQUIREMENTS

PLUMBING FIXTURES REQUIRED

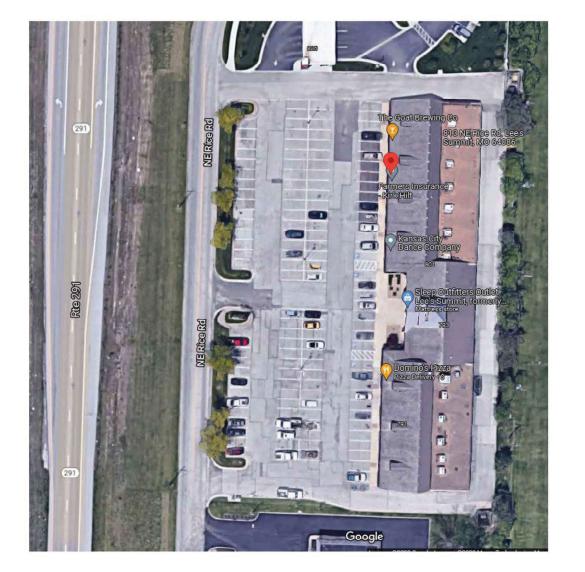
1 PER 25 FOR THE FIRST 50 AND 1 PER 50 FOR THE REMAINDER EXCEEDING 50

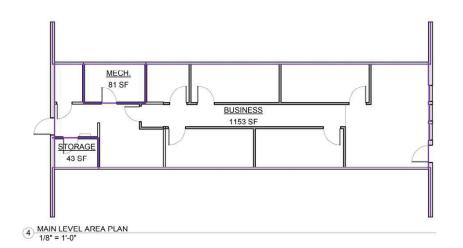
= 1 REQUIRED = 2 PROVIDED - 1 ADA COMPLIANT

LAVATORIES:

FINISH MATERIAL SCHEDULE

ROOM NUMBER	NAME	WALL FINISH	BASE FINISH	FLOOR FINISH	CEILING FINISH	FIXTURES
1	RECEPTION	5/8' DRYWALL TAPED AND PAINTED 2 COATS.	VINYL COVE BASE 4*	FLOATING LUXURY VINYL PLANK FLOORING	EXISTING ARMSTRONG 24"X48" CEILING GRID SYSTEM PAINTED ONE COAT METAL REPLACED WITH NEW TILES.	PREFINISHED CABINETS, QUARTZITE COUNTER TOPS
2	STUDIO 1	5/8' DRYWALL TAPED AND PAINTED 2 COATS.	VINYL COVE BASE 4"	FLOATING LUXURY VINYL PLANK FLOORING	EXISTING ARMSTRONG 24"X48" CEILING GRID SYSTEM PAINTED ONE COAT METAL REPLACED WITH NEW TILES.	PREFINISHED CABINETS, FORMICA COUNTER TOP, SS SINK
3	STUDIO 2	6/8' DRYWALL TAPED AND PAINTED 2 COATS.	VINYL COVE BASE 4*	FLOATING LUXURY VINYL PLANK FLOORING	EXISTING ARMSTRONG 24"X48" CEILING GRID SYSTEM PAINTED ONE COAT METAL REPLACED WITH NEW TILES.	PREFINISHED CABINETS, FORMICA COUNTER TOP, SS SINK
4	STUDIO 3	5/8' DRYWALL TAPED AND PAINTED 2 COATS.	VINYL COVE BASE 4"	FLOATING LUXURY VINYL PLANK FLOORING	EXISTING ARMSTRONG 24"X48" CEILING GRID SYSTEM PAINTED ONE COAT METAL REPLACED WITH NEW TILES.	PREFINISHED CABINETS, FORMICA COUNTER TOP, SS SINK
5	STUDIO 4	5/8' DRYWALL TAPED AND PAINTED 2 COATS.	VINYL COVE BASE 4"	FLOATING LUXURY VINYL PLANK FLOORING	EXISTING ARMSTRONG 24"X48" CEILING GRID 3Y3TEM PAINTED ONE COAT METAL REPLACED WITH NEW TILES.	PREFINISHED CABINETS, FORMICA COUNTER TOP, SS SINK
6	OFFICE	5/8' DRYWALL TAPED AND PAINTED 2 COATS.	VINYL COVE BASE 4"	FLOATING LUXURY VINYL PLANK FLOORING	EXISTING ARMSTRONG 24"X48" CEILING GRID SYSTEM PAINTED ONE COAT METAL REPLACED WITH NEW TILES.	PREFINISHED CABINETS, FORMICA COUNTER TOP, SS SINK
7	MECHANICAL	5/8' DRYWALL TAPED AND PAINTED 2 COATS.	VINYL COVE BASE 4"	FLOATING LUXURY VINYL PLANK FLOORING	EXISTING ARMSTRONG 24"X48" CEILING GRID SYSTEM PAINTED ONE COAL METAL REPLACED WITH NEW TILES.	PREFINISHED CABINETS, FORMICA COUNTER TOP,
8	STORAGE	5/8' DRYWALL TAPED AND PAINTED 2 COATS.	VINYL COVE BASE 4"	FLOATING LUXURY VINYL PLANK FLOORING	EXISTING ARMSTRONG 24"X48" CEILING GRID SYSTEM PAINTED ONE COAT METAL REPLACED WITH NEW TILES.	EXISTING WOOD SHELVING
9	ADA RESTROOM	5/8" DRYWALL TAPED AND PAINTED 2 COATS OF UL_COM/GG - UL_2818 -Pro Industrial Pre-Catalyzed Waterbased Epoxy	VINYL COVE BASE 4"	FLOATING LUXURY VINYL PLANK FLOORING	EXISTING ARMSTRONG 24"X48" CEILING GRID SYSTEM PAINTED ONE COAT METAL REPLACED WITH NEW TILES.	ADA TOILET, ADA FLOATING PORCELAIN SINK, 36" ADA GRA BAR, 24" ADA GRAB BAR, 48" AD GRAB BAR
10	RESTROOM	GIB' DRYWALL TAPED AND PAINTED 2 COATS OF UL COMIGG - UL 2818 -Pro Industrial Pre-Catalyzed Waterbased Epoxy	VINYL COVE BASE 4"	FLOATING LUXURY VINYL PLANK FLOORING	EXISTING ARMSTRONG 24"X48" CEILING GRID SYSTEM PAINTED ONE COAT METAL REPLACED	TOILET, VANITY/SINK COMBO









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# CONSTRUCTION

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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 (5150H), ASTM A1003
  STRUCTURAL GRADE 33 TYPE H (5133H), ASTM A653 38 GRADE 39, ASTM
  A653 38 GRADE 30 CLASS 1, OR ASTM A1003 NONSTRUCTURAL GRADE 33
  (NS33)

  B. MIN. METALLIC COATING DESIGNATION OF G40 FOR INTERIOR NONLOADBEARING WALL APPLICATIONS

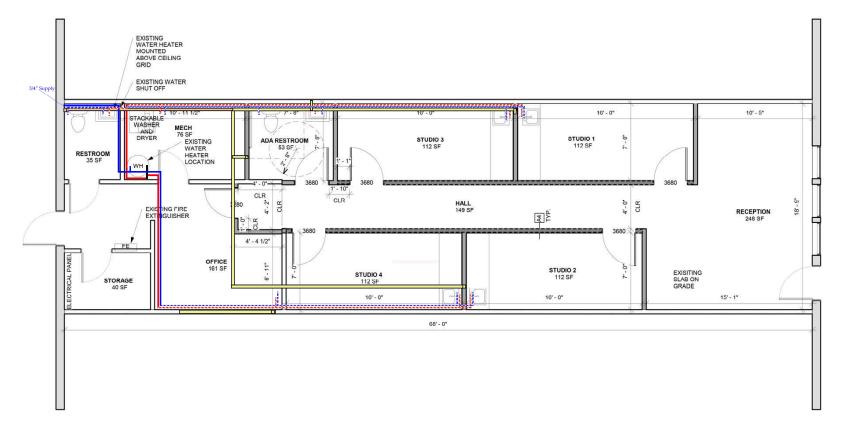
  C. STUDS AND JOISTS TO HAVE THE FOLLOWING MINIMUM PROPERTIES.
  a. DEPTH: AS NOTED ON DRAWINGS

  D. FLANGE: 114'
  C. GAUGEMIL: AS REQUIRED BY STEEL STUD MANUFACTURERS 2015
  PRODUCT TECHNICAL GUIDE TABLES

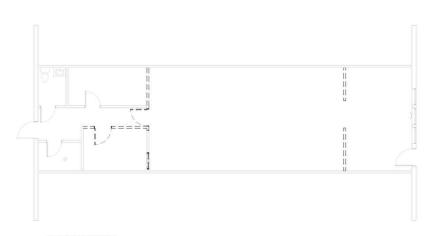
  d. KYLLIGHT GAUGE FRAMING SHALL BE INSTALLED W BRIDGING,
  STIFFENERS, ETC. AS REQUIRED BY MANUFACTURER.

  E. USE STUDS AND TRACKS OF MATCHING GAUGE
  F. USE DEFLECTION TRACKS OF MATCHING GAUGE
  F. USE DEFLECTION TRACKS AT TOPS OF PARTITION WALLS TO ALLOW
  MOVEMENT OF STRUCTURE.

  G. ALL LIGHT GAUGE STEEL FRAMING SHALL BE INSTALLED IN STRICT
  ACCORDANCE WITH 2018 IBC, ICC-SS ESR3064P, AND THE STEEL STUD
  MANUFACTURES (SSMA) 2015 PRODUCT TECHNICAL GUIDE.



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



2 DEMO MAIN LEVEL 1/8" = 1'-0"



CONSTRUCTION NOTES		PLUMBING LEGEND			
1.	ALL INTERIOR WALL DIMENSIONS ARE	3/4" PEX COLD WATER SUPPLY			
	MEASURED TO THE FINISHED FACE OF WALL	3/4" PEX HOT WATER SUPPLY			
2.	ALL EXTERIOR WALL DIMENSIONS ARE	1/2" PEX COLD WATER SUPPLY			
	MEASURED TO THE FINISHED FACE OF THE EXTERIOR WALL U.N.O.	1/2" PEX HOT WATER SUPPLY			
3.	NEW DOORS AND WINDOWS ARE TAGGED IN INCHES	1-1/2" VENT PVC			
4.	EXISTING DOORS AND WINDOWS ARE NOT	EXISTING 2" VENT ABS			
	TAGGED.				
5.	ALL CRITICAL DIMENSIONS TO BE FIELD VERIFIED BY CONTRACTOR.				

				and the state of state of	VENT - 1 1/2"
- 2	31002	3004	01	POPTET 25: 16 Volt Stack Anches Sine, Supressed 7304 standard steel Single Stack abotten sine, 16 Gauge	94-00:30FPLY-10* \$8.W-110* VENT-110*
- 4	\$10003	SNC	- 3	POPELY 25-18 lock Block Kichen Sirk, Tigmount T20st stantess steel Single Block abilities sirk, 16 Gauge	NW-CIW BURNLY - 10" S-8-W - 1 1/2" VENT - 1 1/2"
	STU010-4	SAK	- 4	POPELY 25-18 non-Back Kicher Sirk, Tigmoure 1301 stanses steel single poor section are, 18 coupe	HW-CW BURRLY - 10" E.E.W 1 10" VENT - 1 10"
	OFFICE				
,	MELPHOLAL	BAISH REALER		SARS I MA	MAY CH SUPPLY - 34"
7.	VECHNICAL	CLOTHES WASHER		160	8 A W - 2" VENT - 1 1/2"
	MECHANICAL	MOP SINK	(.)	PIBEROLASS WHITE	4W- CW SURPLY - 10" 5-8-W - 1-10" VENT - 1-10"
-	STORAGE				
- 9	AGA RESTROOM	CHAPSEY.	- 1	Suretign Fertimance 2-Prece 1.6 GPP Single Flush Elongated ADR Height Tollet in White	9.5 W - 3"





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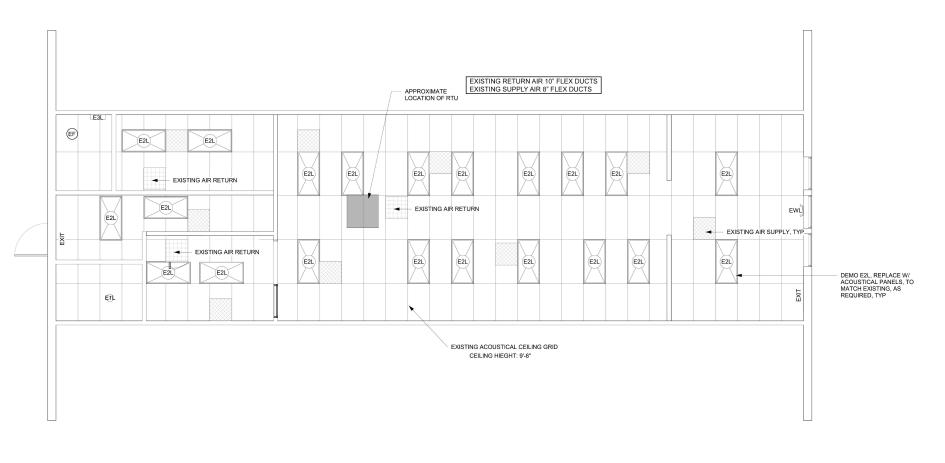
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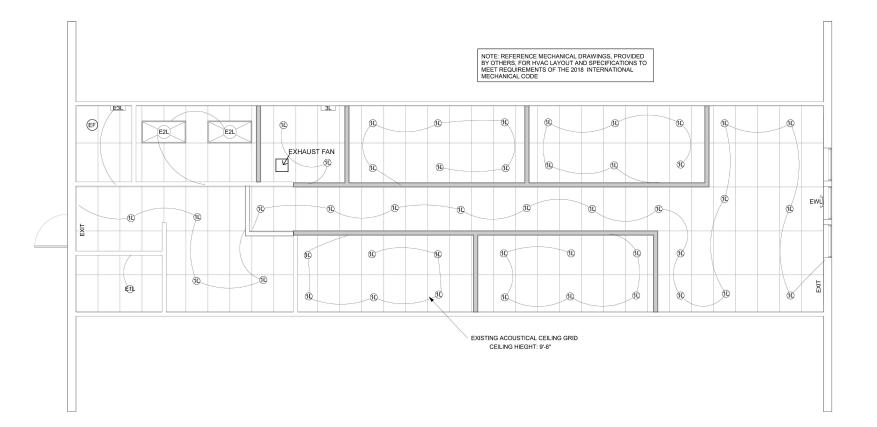
**MAIN LEVEL PLAN** 

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1) EXISTING REFLECTED CEILING PLAN 1/4" = 1'-0"



NEW REFLECTED CEILING PLAN
1/4" = 1'-0"

### REFLECTED CEILING PLAN NOTES

- PATCH AND REPAIR CEILING GRID AS NECESSARY PATCH AND REPAIR CEILING TILE AS NECESSARY CEILING GRID TO BE INSTALLED IN CONTINUOUS PATTERN. EXISTING EMERCENCY LIGHTING SHOWN ON PLAN. COMPLETE EMERGENCY PLAN LIGHTING TO BE PROVIDED BY CONTRACTOR.

LIGHTING I	EGEND	)			
$\oslash$	1L	RECESSED LIGHTING			
	3L	NEW WALL MOUNT SCONCE		E2L	EXISING 2x4 PARABOLIC TROFFER
$\oslash$	E1L	EXISTING RECESSED LIGHTING		E3L	EXISTING WALL MOUNTED SCONCE
4	EWL	EXISTING EMERGENCY WALL LIGHT		EXIT	EXISTING CEILING MOUNTED EXIT SIGNS
			(EF)		CEILING EXHAUST FAN





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TRUE POINT CONSTRUCTION

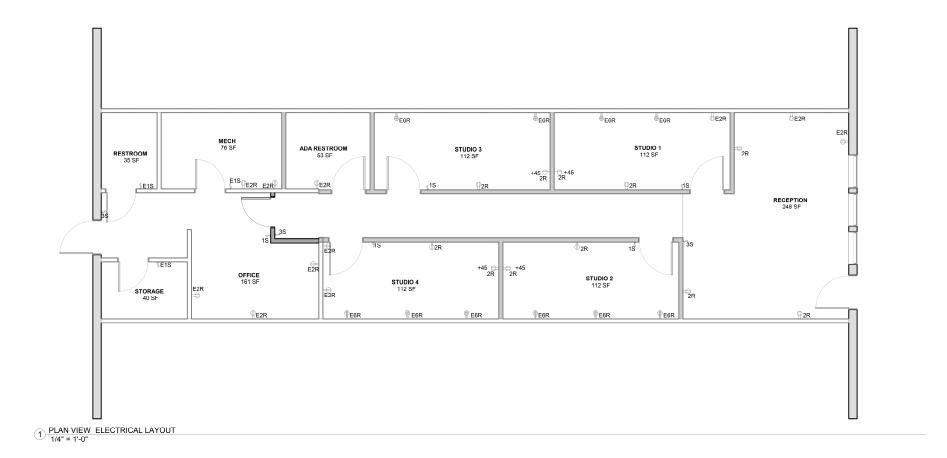
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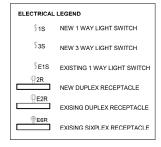
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**CEILING** 

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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.



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**ELECTRICAL** LAYOUT

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### GENERAL NOTES

- THE CENERAL 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:

  A. DENOLITION OF EXISTING NONLOAD-BEARING WALLS, DOORS, INTERIOR FINISHES, RECEIVED AND STATE OF THE STATE OF THIS HES, AND VENTS, AND ELECTRICAL (LIGHTING), RECEIVED AND STATE OF THE STATE

### 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 REMOYED, AND RELOCATED TO A POINT THAT PROVIDES THE SAME OR BETTER ILLUMINATION OF THE EGRESS PATH.

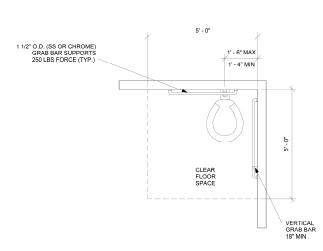
  CONTRACTOR TO PROVIDE A-B-C DRY CHEMICAL PORTABLE FIRE EXTINGUISHERS, AS REQUIRED BY CODE.

### 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.

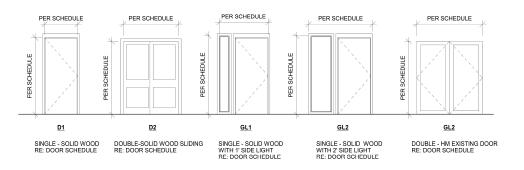
Plumbing Fixture	Drain (inch) <sup>1</sup>
Lavatory	1.25
Sink	1.5
Dishwasher <sup>2</sup>	1.5
Water Closet	4
Urinal	2
Floor Drain	2
Shower	2

1 Trap to match drain diameter unless integrated in fixture 2 Dishwasher discharge can be integrated into sink drain upstream of trap.



1) ACCESSIBLE CLEAR FLOOR SPACE 1/2" = 1'-0"

DOOR SCHEDULE								
	DOOR		WIDT	HEIG	TY			
	NO.	ROOM NAME	Н	HT	PE			
EXISTING		RECEPTION	3' - 0"	6' - 8"				
NEW	3680	HALL	3' - 0"	6' - 8"	D1			
EXISTING		MECH	2' - 8"	6' - 8"				
EXISTING		RESTROOM	2' - 8"	6' - 8"				
EXISTING		OFFICE	2' - 8"	6' - 8"				
EXISTING	3680	OFFICE	3' - 0"	6' - 8"	D1			
NEW	3680	OFFICE	3' - 0"	6' - 8"	D1			
NEW	3680	STUDIO 1	3' - 0"	6' - 8"	D1			
NEW	3680	STUDIO 3	3' - 0"	6' - 8"	D1			
NEW	3680	STUDIO 4	3' - 0"	6' - 8"	D1			
NEW	3680	STUDIO 2	3' - 0"	6' - 8"	D1			
NEW	3680	ADA RESTROOM	3' - 0"	6' - 8"	D1			
EXISTING		OFFICE	2' - 8"	6' - 8"				



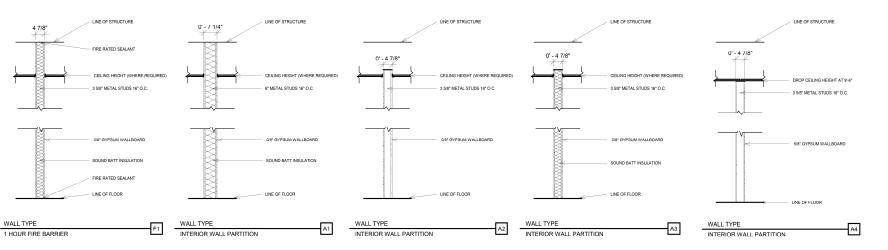
PULL SIDE

PUSH SIDE

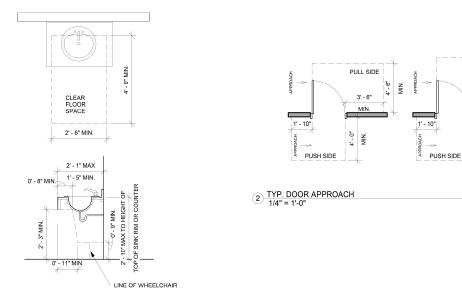
PULL SIDE

APPROACH PUSH SIDE

5 DOOR TYPES 1/4" = 1'-0"



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



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





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**DETAILS** 

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