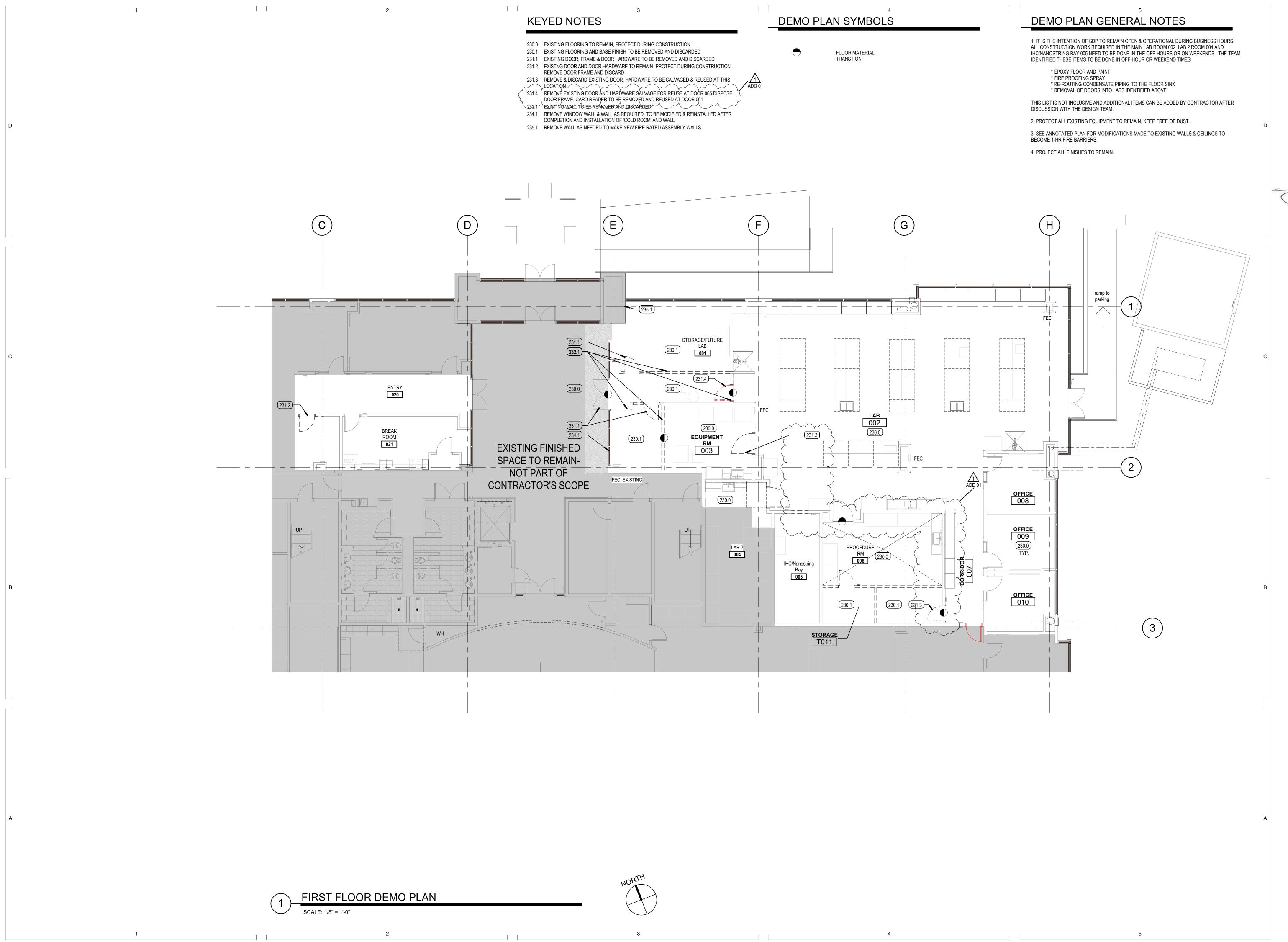
FIRE RATING LEGEND DESCRIPTION 1 HOUR FIRE BARRIER - WALL CONSTRUCTION COMMON PATH OF TRAVEL TO EXIT 524 SOUTH 600 EAST SALT LAKE CITY, UT 84102 EXIT ACCESS TRAVEL DISTANCE FEC FIRE EXTINGUISHER 1 08.05.21 72" WIDE DOOR 1-HR FIRE FEC VCBO NUMBER: EMERGENCY EYEWASH **CLIENT NUMBER:** BARRIER, STATION DATE: - 1 HR PARTITION TYP. MAINTAINED WITH FLAMMABLE CABINET 3 **TENANT BUILD-OUT** CONSTRUCTION FEC CONTROL AREA 1 - 72" W DOOR NOT FOR EXIT NIC 4,232 SF NEEDED FOR DISCHARGE EGRESS BASED ON FEC OCC LOAD CONTROL AREA 3 - EMERGENCY EYEWASH FLAMMABLE CABINET 1 368 SF STATION CORROSIVE CABINET 36" WIDE NIC SLAB ON GRADE DOOR FLAMMABLE CABINET 2 CONTROL 1 HR FIRE BARRIER @ AREA 2 WALLS & CEILING TO --28'--FEC 574 SF **FLOOR** a. STRUCTURAL COLUMNS TOP/CONNECTION TO DECK, SEISMIC BRACING AND DECK TO _ BE FIRESPRAYED - 1 48' - 0 3/4" b. RATED PARTITIONS 99' TO GO TO DECK AND SEALED- 1HR - EMERGENCY EXIT ONLY RATED WALL, FEC & EGRESS & RESEARCH LAB PLAN 1 CONTROL AREA PLAN





JULY 27, 2021





524 SOUTH 600 EAST SALT LAKE CITY, UT 84102

REV DATE DESCRIPTION 1 08.05.21

VCBO NUMBER: **CLIENT NUMBER:** DATE:

JULY 27, 2021

DEMOLITION PLAN A111.0





 REV
 DATE
 DESCRIPTION

 1
 08.05.21
 ADD 01

VCBO NUMBER: 21560
CLIENT NUMBER: JULY 27, 2021

ANNOTATED, DIMENSION, AND FINISH PLAN

STAINED NEW

PAINTED EXISTING

PAINTED EXISTING

WD STAINED NEW 2A

1. MATERIAL ABBREVIATIONS: WD = WOODAL = ALUMINUM HM = HOLLOW METAL

THICK TYPE MATERIAL

WD

HM

1 3/4" A2

1 3/4"

96" | 1 3/4" | A |

2. ALL HOLLOW METAL DOOR AND WINDOW FRAMES ARE TO HAVE

GLAZING TYPE LEGEND

MARK	DESCRIPTION
\bigcirc	1/4" THICK GLASS
\ <u>\</u>	1/4 THIOR GLAGO
(#) _T	'T' INDICATES TEMPERED GLASS

WINDOW TYPE QUANTITIES PROVIDED FOR CONVENIENCE, THE CONTRACTOR IS RESPONSIBLE TO VERIFY THE QUANTITIES OF EACH WINDOW TYPE.

NOTES

LAB SPACE; ELECTRIFIED; CARD READER ENTRANCE SGL

ELECTRIC

COORD.

REQ'D

YES

YES

YES

YES

YES

YES

NOT RATED PROVIDE GASKETING AROUND DOOR; ZERO 4292A, PROVIDE DOOR

BOTTOM: ZERO 350-XA6, SEAL DOOR FRAME TO WALL

PROVIDE GASKETING AROUND DOOR: ZERO 429A

NOT-RATED PROVIDE GASKETING AROUND DOOR; ZERO 4292A, PROVIDE DOOR

MODEL NUMBER

5BB1HW SERIES

25-4-L-NL-DANE

23-030 CKC EV29S

8400 10" x 32" LDW B-CS

WS407 SERIES / FS439

(SALVAGED / EXISTING)

(SALVAGED / EXISTING)

(SALVAGED / EXISTING)

1 - DOOR IS NORMALLY CLOSED AND SECURE TO PREVENT UNAUTHORIZED ENTRY. VALID

CREDENTIAL AT READER MOMENTARILY RELEASES STRIKE FOR ENTRY. DURING OWNER-

BY DIVISION 26 / DIVISION 28

BY DIVISION 26 / DIVISION 28

BY DIVISION 26 / DIVISION 28

RISER/ELEVATION & SCHEMATIC

DETERMINED TIMES, ACCESS CONTROL SYSTEM MAY HOLD ELECTRIC STRIKE IN RELEASED STATE

23-030-ICX

4050 RW/PA

6300 FSE

429A

350-XA6

AS REQ'D BY LOCKING HARDWARE

BOŤTOM! ZĚRO 350-XA6, SĚAL DOŎR FRAME TO WALL



524 SOUTH 600 EAST

R003

√<u>R004</u>√

R005

R022

FINISH MFR.

652 IVE

626 FAL

626 SCH

626 SCH

626 SCH

630 VON

689 LCN

630 IVE

630 IVE

719 ZER 719 ZER

B/O

B/O

B/O

DLR

REV DATE DESCRIPTION 1 08.05.21

SALT LAKE CITY, UT 84102 ADD 01

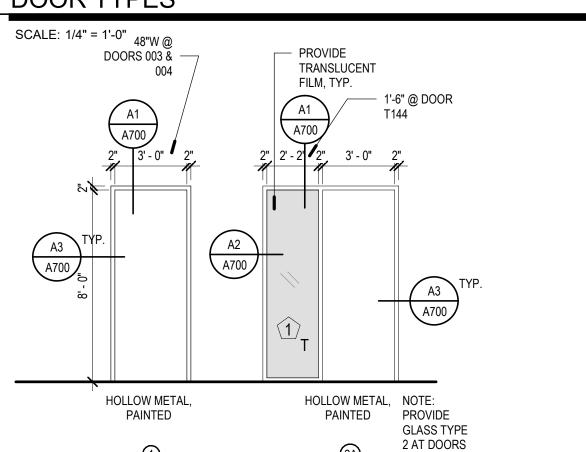
VCBO NUMBER:	215
CLIENT NUMBER:	
DATE:	JULY 27, 20

WOOD & STAIN TO MATCH **BUILDING OWNER'S STANDARD** HOLLOW METAL,

RELOCATED WOOD VENEER \bigcirc DOOR TYPES

SOLID CORE

WOOD DOOR WITH



PAINTED

DOOR FRAME TYPES

A SINGLE RABBET PROFILE 3. SEE SPECIFICATION FOR HARDWARE GROUP DEFINITION 4. GENERAL CONTRACTOR TO COORDINATE WORK BETWEEN DOOR INSTALLER AND SECURITY SYSTEM INSTALLER 5. PAINT HOLLOW METAL DOORS & FRAMES TO MATCH EXISTING

FRAME

TYPE MATERIAL

HM

PAINTED

PAINTED

HM PAINTED EXIST.

PAINTED

HM PAINTED EXIST

200

RELOCATED

RELOCATED

RELOCATED

EXIST.

EXIST.

DOOR AND FRAME SCHEDULE

GLAZING

TYPE

NA

60 MIN.

1 SET INTERIOR HINGE(S) 1 EA PANIC HARDWARE

1 EA | ELECTRIC STRIKE

1 EA SURFACE CLOSER

1 EA DOOR STOP

1 EA GASKETING

1 EA DOOR BOTTOM

1 EA DOOR CONTACT

1 EA MOTION SENSOR

1 SET WIRING & CONNECTIONS

1 SET CONDUIT & RACEWAY

1 EA LOW VOLTAGE POWER

TO ALLOW PUBLIC PUSH/PULL ENTRANCE.

2 - PANIC TOUCHBAR ALWAYS ALLOWS IMMEDIATE EGRESS

1 SET WIRING DIAGRAMS

OPERATIONAL DESCRIPTION

1 EA CARD READER

1 SET FSIC CYLINDER HOUSING(S)

PERMANENT CORE(S)

1 SET | CONSTRUCTION CORE(S)

1 EA KICK PLATE (PUSH SIDE)

HW SET: 200

DOOR: 001

1 SET

SEE SCHEDULE

EXISTING

WOOD DOOR,

DO NOT REPLACE GYP.BD. ON BACKSIDE-WHERE NEW NEW RATED WALL5/8" SCHED. RATED WALL -TYPE 'X' GYP. BOARD MODIFIED - MODIFIED EXISTING/NEW FRAMED **BOTH SIDES** EXISTING/NEW WALL - MATCH EXISTING - 5/8" INSULATION, FULL INSULATION, FULL FRAMED WALL -TYPE X GYP. BD THICKNESS THICKNESS MATCH EXISTING -5/8" TYPE X GYP. EXISTING BOX BOX LINTEL PER -HEADER OPENING SIZE EXISTING BOX SEALANT HEADER SEALANT @ BOTH SIDES -FRTW BLOCKING AS REQUIRED SHIM AS NEEDED 5/8" TYPE 'X' GYP. BOARD FRAME ANCHOR (#PER MFFG) MODIFIED STOREFRONT **HOLLOW METAL** WINDOW SYSTEM FRAME, PAINTED

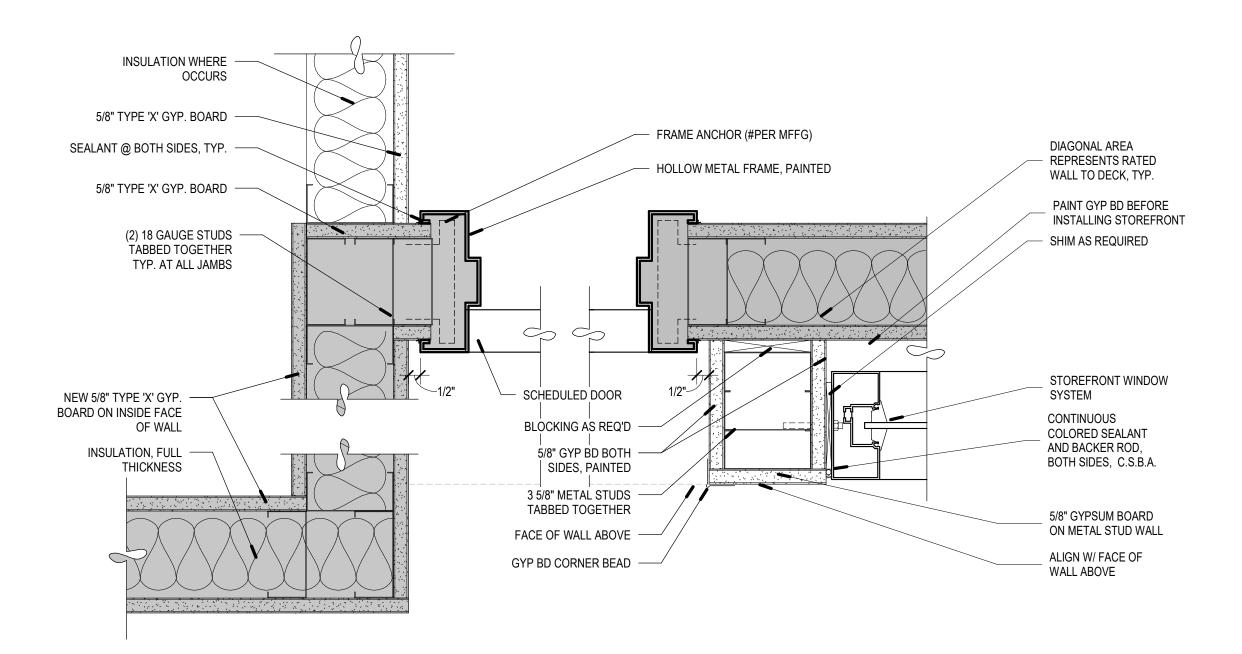
SCHEDULED DOOR

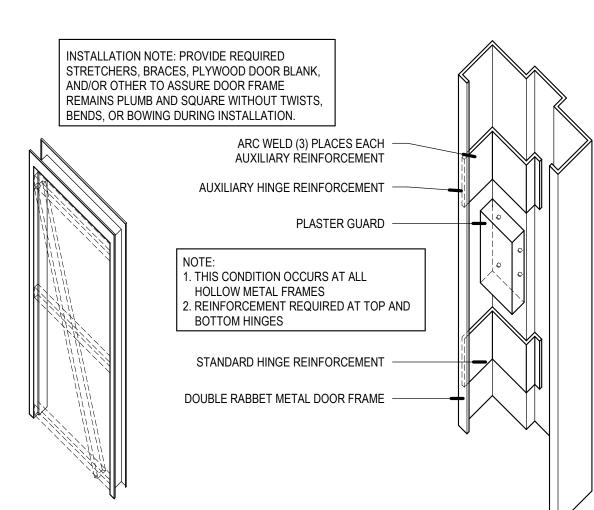
H.M. DOOR HEAD DTL. @ 1 HR WALL

SCALE: 3" = 1'-0"

STOREFRONT HEAD DTL. @ 1 HR WALL

SCALE: 3" = 1'-0"

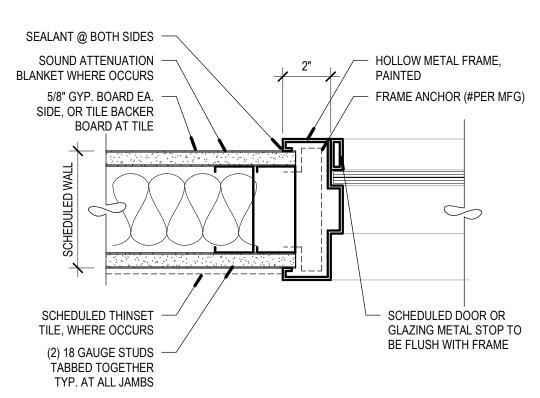




TYPICAL H.M. FRAME DTL

R003-

R005 RELOCATED 36"



SEALANT @ BOTH SIDES -SOUND ATTENUATION -— HOLLOW METAL FRAME, PAINTED BLANKET WHERE OCCURS 5/8" GYP. BOARD EA. FRAME ANCHOR (#PER MFG) SIDE, OR TILE BACKER **BOARD AT TILE** SCHEDULED THINSET - SCHEDULED DOOR TILE, WHERE OCCURS (2) 18 GAUGE STUDS -TABBED TOGETHER TYP. AT ALL JAMBS

H.M. DOOR JAMB DTL

H.M. DOOR OR WINDOW HEAD DTL.

H.M. DOOR JAMB DTL. @ 1 HR WALL

SOUND ATTENUATION BLANKET

5/8" GYP. BOARD EA. SIDE

SEALANT @ BOTH SIDES

SCHEDULED DOOR OR GLAZING METAL STOP TO BE

FLUSH WITH FRAME

BOX LINTEL PER OPENING SIZE

HOLLOW METAL FRAME, PAINTED

WHERE OCCURS

SCHEDULED WALL

H.M. WINDOW JAMB DTL

SCALE: 1/4" = 1'-0"

DOOR SCHEDULE

WHERE PIPE, OR DUCT PENETRATES A RATED ASSEMBLY OR FLOOR AND IS NOT REQUIRED TO BE PROTECTED BY A DAMPER, ALL SPACE BETWEEN THE DUCT AND ASSEMBLY IS TO BE FIRE CAULKED. INSULATION OR COVERINGS ARE NOT TO CONTINUE THROUGH ASSEMBLY UNLESS TESTED AS PART OF AN APPROVED

PENETRATION FIRESTOP SYSTEM. 0. THIS CONTRACTOR SHALL ENGAGE A FIRE PROTECTION DESIGN BUILD CONTRACTOR TO MODIFY THE EXISITING FIRE SPRINKLER SYSTEM. DESIGNER SHALL BE NICET LEVEL III TECHNICIAN. WORKING PLANS AND CALCULATIONS SHALL BE PREPARED ACCORDING TO NFPA 13, AND BE APPROVED BY AUTHORITIES HAVING JURISDICTION, INCLUDING HYDRAULIC CALCULATIONS IF

APPLICABLE. 1. FIELD VERIFY EXISTING FIELD CONDITIONS PRIOR TO ORDERING OR

14. ALL DUCTWORK TO BE 26 GAGE STEEL.

FABRICATING. 12. PROVIDE FACTORY AUTHORIZED STARTUP OF ALL EQUIPMENT INCLUDING STARTUP OF ANY FACTORY CONTROLS TO ENSURE PROPER SEQUENCING AND/OR COMMUNICATIONTO BMS

3. PIPING AND DUCTWORK SHALL NOT BE SUPPORTED FROM THE ROOF DECK, JOIST BRIDGING OR OTHER PIPES. HANG PIPES FROM BEAMS, JOIST OR SUPPLEMENTARY STRUCTURAL MEMBERS. WHERE POSSIBLE INSTALL ALL PIPING AND DUCTWORK WITHIN 12" FROM SUPPORTING STRUCTURE

MECHANICAL GENERAL NOTES

- ALL DUCT DIMENSIONS ARE INSIDE CLEAR DIMENSIONS.
 FLEXIBLE DUCT MAY BE USED AT FINAL TERMINATION OF DUCT TO DIFFUSER OR
- GRILLE. MAXIMUM FLEXIBLE DUCT LENGTH IS 5'-0". PROVIDE DUCT SUPPORTS EVERY 3 FEET. 3. GRILLES AND DUCTWORK ARE SIZED INDEPENDENTLY. THE NECK SIZE OF GRILLES MAY NOT MATCH THE ASSOCIATED DUCT SIZE. PROVIDE TRANSITION
 - TO GRILLES AS NECESSARY. 4. PROVIDE BALANCING DAMPER WITH LOCKING QUADRANT IN EACH DUCT
 - BRANCH OF SUPPLY AND EXHAUST DUCTWORK.
- 5. PROVIDE REMOTE CABLE OPERATED DAMPERS FOR ALL DUCTWORK ABOVE HARD LID CEILINGS OR WHERE DAMPER IS INACCESSIBLE. 6. PROVIDE ACCESS DOORS FOR ALLSERVICEABLE EQUIPMENT OR VALVES ABOVE HARD LID CEILINGS OR IN WALLS. ALL ACCESS PANELS ARE TO BE PAINTED TO
- MATCH ADJACENT SURFACES. 7. COORDINATE EXACT THERMOSTAT LOCATIONS WITH FURNITURE AND OWNER. FAILURE TO DO SO MAY REQUIRE MOVING THERMOSTATS AT CONTRACTORS
- 8. GC TO HIRE NEBB OR AABC CERTIFIED THIRD PARTY TEST AND BALANCE (TAB) CONTRACTOR. TAB CONTRACTOR SHALL ADJUST SHEAVES, BELTS, DAMPERS, ETC AS NECESSARY TO BALANCE SYSTEM TO AIRFLOWS REQUIRED AT LOWEST POSSIBLE SPEEDS. TAB CONTRACTOR SHALL VERIFY THE OUTSIDE AIR AT EACH RTU IS AS SCHEDULED. FOLLOW PROCEDURES AS LAID FORTH IN THE CURRENT VERSION OF "PROCEDURAL STANDARDS FOR TESTING ADJUSTING AND BALANCING OF ENVIRONMENTAL SYSTEMS" BY NEBB. PROVIDE REPORT ON

NEBB FORMS TO ENGINEER FOR REVIEW.

○ SHEET KEYNOTES

- RELOCATE EXISTING THERMOSTAT TO MAKE WAY FOR NEW DOOR AND WINDOW. COORDINATE LOCATION WITH ARCHITECTURAL DRAWINGS AND FURNITURE LAYOUT.
- 2 EXISTING EXHAUST FAN TO REMAIN.
- CONNECT FLEX EXHAUST DUCTS TO EXISTING EXHAUST DUCT MAIN. COORDINATE DROP LOCATION WITH OWNER AND EQUIPMENT LAYOUT. PROVIDE FLEX DUCT TO CONNECT TO OWNER SUPPLIED EQUIPMENT AND CONNECT WITH HOSE CLAMPS. BALANCE TO 115 CFM. TYP.3
- CONNECT NEW EXHAUST DUCT TO EXISTING MAIN. ROUTE TO LOCATION ABOVE OWNER EQUIPMENT. CAP AND SEAL ABOVE CEILING. PROVIDE ACCESS PANEL FOR FUTURE CONNECTION.
- REBALANCE AREA TO INDICATED AIRFLOWS.
- BALANCE SUPPLY AIR ON NEW FAN COIL UNIT.
- 7 CONNECT OUTSIDE AIR DUCT TO EXISTING ERV.
- 8 CONNECT NEW DUCTWORK TO EXISTING DUCTWORK AND DIFFUSER.
- 9 RELOCATED THERMOSTAT FROM SHEET MD101. COORDINATE FINAL LOCATION WITH FURNITURE PLAN AND OWNER.
- 10 PROVIDE NEW FIRE DAMPER TO EXISTING DUCTWORK. COORDINATE WITH NEW ARCHITECTURAL FIRE PROTECTION PLAN.

SPECTRUM ENGINEERS 324 S. State St., Suite 400 Salt Lake City, UT 84111 800-678-7077 801-328-5151 fax: 801-328-5155 www.spectrum-engineers.com

524 SOUTH 600 EAST SALT LAKE CITY, UT 84102

REV DATE DESCRIPTION 08/05/21 ADDENDUM #1

VCBO NUMBER: CLIENT NUMBER:

DATE: JULY 27, 2021

FIRST FLOOR MECHANICAL



──(E)30"x16" ┌(E)61"x12" (E)10"ø (E)61["]x12" (E)VRF-120 OFFICE (E)BC-1 (E)12"ø

MH101

3	4	5	
GENERAL SHEET NOTES	GENERAL SHEET NOTES	○SHEET KEYNOTES	\setminus
1 EVERY EFFORT HAS BEEN MADE TO SHOW EXISTING DEVICES THAT NEED TO BE DEMOLISHED ON WALLS AND CEILINGS, BUT EXACT SCOPE MUST BE CONFIRMED ON-SITE.	8 ALL ITEMS INDICATED TO REMAIN SHALL BE PROTECTED DURING ALL PHASES OF CONSTRUCTION.	1 RELOCATE SWITCH AND CONTROLS PER NEW LIGHTING PLANS.	
2 UNLESS NOTED OTHERWISE REMOVE ALL LIGHTING FIXTURES DEVICES AND EQUIPMENT SHOWN DASHED. REMOVE CONDUIT AND WIRING BACK TO PANELBOARD OF ORIGIN OR TO FIRST ACTIVE DEVICE THAT REMAINS.	9 DEVICES MARKED "(RR)" ARE TO BE REMOVED AND RELOCATED PER NEW PLANS. EXTEND CIRCUITING AS REQUIRED FOR RELOCATION.		
3 SALVAGE ALL LIGHT FIXTURES, TWIST-LOCK RECEPTACLES AND WALLPLATES, CEILING SPEAKERS AND SECURITY AND FIRE ALARM DEVICES TO OWNER. PROTECT SALVAGED EQUIPMENT FROM DAMAGE.			
4 PRIOR TO REMOVAL OF ANY ELECTRICAL EQUIPMENT OR WIRING, FIELD VERIFY THAT THE EQUIPMENT OR WIRING IS INACTIVE OR NO LONGER IN USE.			D
5 REMOVE ALL FIRE ALARM DEVICES WHERE EXISTING WALLS AND CEILINGS ARE BEING REMOVED, WITH ASSOCIATED CONDUIT AND WIRING. EXISTING FIRE ALARM DEVICES AND SYSTEM NOT INDICATED FOR REMOVAL SHALL REMAIN ACTIVE THROUGHOUT DEMOLITION AND CONSTRUCTION UNTIL THE NEW SYSTEM IS TESTED AND OPERATIONAL. MAINTAIN ALL CLASS A FIRE ALARM INITIATING AND INDICATING LOOPS WHERE EXISTING DEVICES ARE REMOVED.			
6 CONTRACTOR TO TRACE AND LABEL ALL EXISTING LOADS TO REMAIN, THAT ARE CURRENTLY FED FROM PANELS THAT ARE BEING DEMOLISHED IN THIS PHASE. THESE LOADS TO BE RE-FED FROM NEW PANELS IN NEXT PHASE.			
7 REFER TO ARCHITECTURAL DRAWINGS FOR REMOVAL OF MOTORS, CONDUIT, CONDUCTOR AND CONTROL WIRING ASSOCIATED WITH EXISTING PARTITIONS AND LIGHTING.			





REV DATE DESCRIPTION 1 08/05/2021 ADDENDUM #01

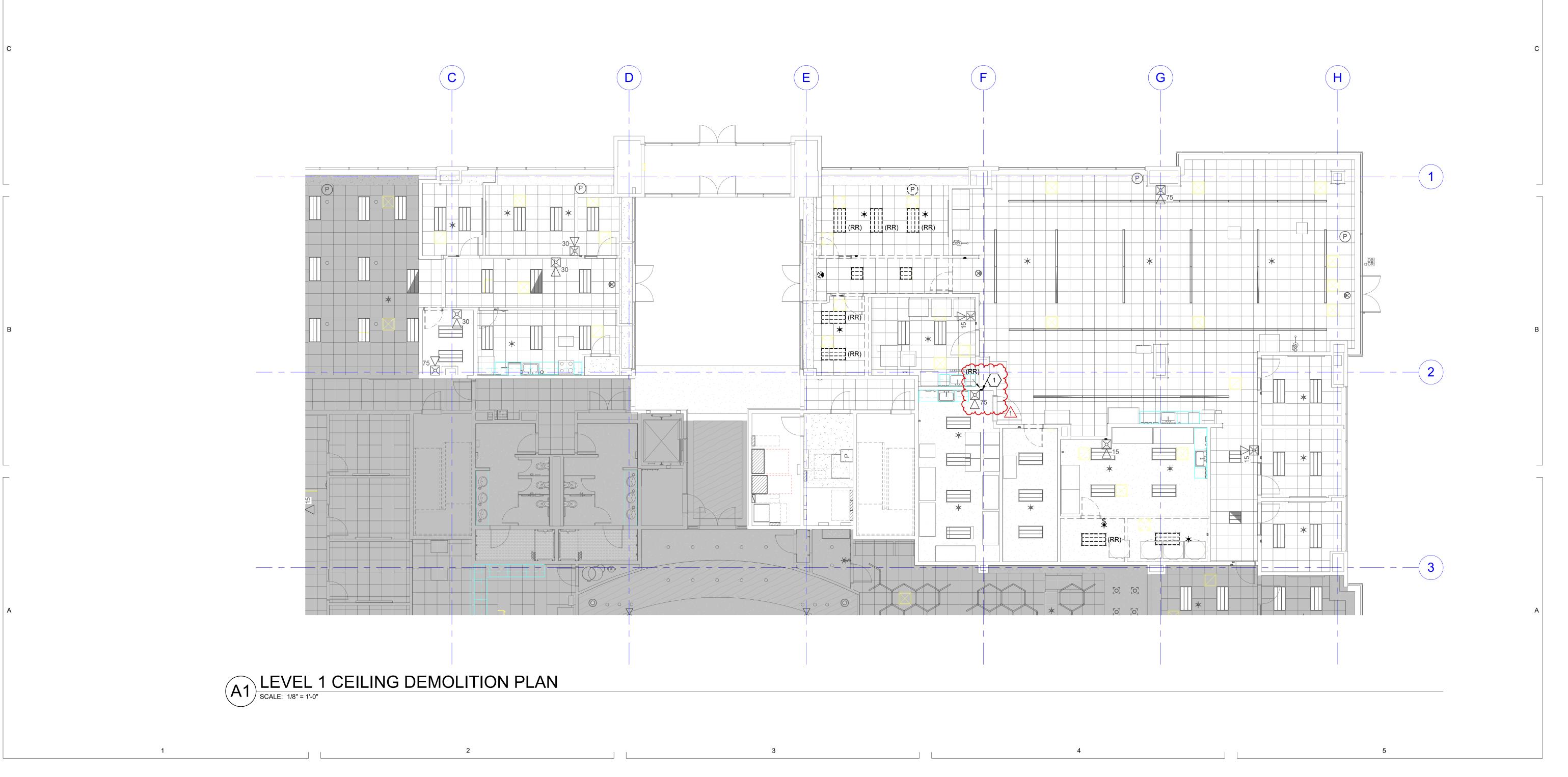
VCBO NUMBER: **CLIENT NUMBER:** DATE:

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SUMITOMO

LEVEL 1 CEILING DEMOLITION PLAN ED101B







REVDATEDESCRIPTION108/05/2021ADDENDUM #01

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SPECTRUM
ENGINEERS
324 S. State St., Suite 400
Salt Lake City, UT 84111
800-678-7077
801-328-5151
fax: 801-328-5155

07/27/2021

800-678-7077 801-328-5151 fax: 801-328-5155 www.spectrum-engineers.com

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ORGE COMPANIES 900 TRAVERSE MOUNTAIN BLVD, SU

