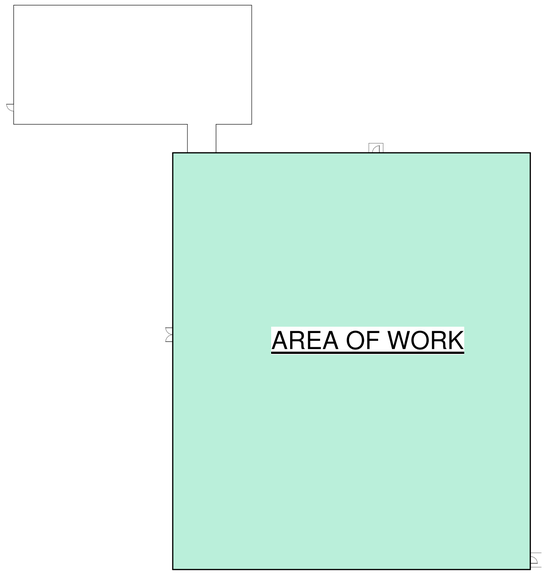
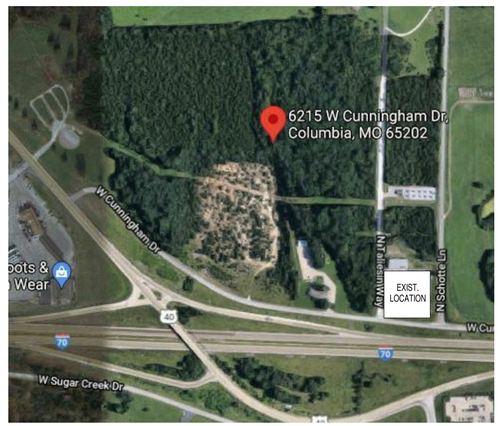
INTERIOR RENOVATION FOR

TAYLOR TOOLWORKS

6215 W CUNNINGHAM DR, COLUMBIA, MO 65202



"KEY PLAN"



SITE LOCATION MAP

BRICK
CONCRETE
CONCRETE BLOCK (CMU)
GYPSUM BOARD
EARTH
GRANULAR FILL
BATT INSULATION
RIGID INSULATION
STEEL OR IRON
DIMENSIONAL LUMBER

MATERIAL LEGEND

BUILDING OR WALL SECTION INDICATOR (WITH DETAIL NUMBER ABOVE SHEET LOCATION)
EXTERIOR OR INTERIOR ELEVATION INDICATOR (MAY INCLUDE MULTIPLE VIEWS)
DETAIL CALLOUT
COLUMN LINE INDICATOR
SPOT ELEVATION
ROOM NAME AND NUMBER
INTERIOR FRAME TYPE
PARTITION TYPE
STAIR DIRECTION
DOOR NUMBER
WINDOW TYPE (SEE ELEVATION)

ICON LEGEND

ARCHITECT

SAINT LOUIS DESIGN ALLIANCE
TODD WATTS
6014 DELMAR, ST. LOUIS, MO 63112
(P) (314) 863 - 1313

OWNER

DOGTOPIA
NICK LOSCIUTO
15400 MANCHESTER RD, ELLISVILLE, MO 63011
(P) (636) 283-2444

DRAWING INDEX

ARCHITECTURE

A0.0	COVER SHEET	05/11/21	
A3.1	FLOOR PLANS	05/11/21	
A3.2	ENLARGED PLANS	05/11/21	
A6.1	DETAILS	05/11/21	

BUILDING CODES

(CHARTS MAY NOT INCLUDE ALL CODE REQUIREMENTS FOR THIS PROJECT)

AUTHORITIES HAVING JURISDICTION	CITY OF COLUMBIA, MO
BUILDING CODES	2018 INTERNATIONAL BUILDING CODE
	2018 INTERNATIONAL MECHANICAL CODE
	2018 INTERNATIONAL PLUMBING CODE
	2017 NATIONAL ELECTRIC CODE
	2018 INTERNATIONAL ENERGY CONSERVATION CODE
	2009 ICC/ANSI A117.1 ACCESSIBILITY CODE
FIRE SUPPRESSION SYSTEM	EXISTING SPRINKLERS
CONSTRUCTION TYPE	II-B
OCCUPANCY USE GROUP	F-1

2015 IBC - OCCUPANCY B WITH S-2 (STORAGE) AS ACCESSORY USE, CONSTRUCTION II-B

AREA		HEIGHT/STORIES	
ALLOWABLE	ACTUAL	ALLOWABLE	ACTUAL
92,000sf	B = 2,330sf / S-2 = 29,029	75' / 4	15' / 1

TABLE 601

PROTECTION OF TYPICAL BUILDING ELEMENTS - CONSTRUCTION II-B		RATING
STRUCTURAL FRAME: INCLUDING COLUMNS, GIRDERS, AND TRUSSES		0 HR
BEARING WALLS	EXTERIOR	0 HR
	INTERIOR	0 HR
NONBEARING WALLS AND PARTITIONS - EXTERIOR		0 HR
NONBEARING WALLS AND PARTITIONS - INTERIOR		0 HR
FLOOR CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS		0 HR
ROOF CONSTRUCTION INCLUDING SUPPORTING BEAMS AND JOISTS		0 HR

CHAPTER 7: FIRE-RESISTANCE RATED CONSTRUCTION

FIRE PARTITION	CORRIDOR WALLS	0 HR	SEE T1020.1

FIRE SEPERATION	BETWEEN OCCUPANCY USE	1 HR	SEE T508.4

CHAPTER 10: MEAN OF EGRESS

1005.3.2 EXCEPTION #1: EGRESS WIDTH PER OCCUPANT SERVED:
0.15 IN PER OCCUPANT
T1017.2 EXIT ACCESS TRAVEL DISTANCE:
300' (WITH SPRINKLER SYSTEM)

ALT. - ALTERNATE
H.P. - HIGH POINT
L.P. - LOW POINT
PT - PAINT
VB - VINYL BASE
EQUIP. - EQUIPMENT
VB - VINYL BASE
EQUIP. - EQUIPMENT
SCWD - SOLID CORE WOOD
ACT - ACOUSTICAL CEILING TILE
GB or GYP.BD. - GYPSUM BOARD
CT - CERAMIC TILE
WWF - WELDED WIRE FABRIC
VCT - VINYL COMPOSITION TILE
HM - HOLLOW METAL
CONT. - CONTINUOUS
MFR - MANUFACTURER
E.J. - EXPANSION JOINT
C.J. - CONTROL JOINT
EXP. - EXPANSION
WD - WOOD
S.M. - SHEET METAL
MTL - METAL
DWG - DRAWING
FIN. - FINISH
F.F. - FINISH FLOOR
A.F.F. - ABOVE FINISH FLOOR
WSP - WOOD STRUCTURAL PANEL
N.I.C. - NOT IN CONTRACT
MANUF. - MANUFACTURER
T.O. - TOP OF

COMMON ABBREVIATIONS

NOTIFY ARCHITECT IN EVENT OF DISCREPANCIES, OMISSIONS, AND/OR CONFLICTS IN THE DRAWINGS OR SPECIFICATIONS. THE CONTRACTOR IS NOT AUTHORIZED TO SCALE THE DRAWINGS. ALL QUESTIONS IN REFERENCE TO THE CONTRACT DOCUMENTS SHALL BE IMMEDIATELY DIRECTED TO THE ARCHITECT.

INTERIOR DIMENSIONS
PARTITIONS AND FURRING ARE DIMENSIONED TO FACE OF STUDS

EXTERIOR DIMENSIONS
DIMENSIONS TO OUTSIDE FACE OF FRAME WALLS IS TO OUTSIDE FACE OF SHEATHING (NOT TO EXTERIOR FINISH!).
DIMENSION TO OUTSIDE FACE OF BRICK VENEER WALLS IS TO OUTSIDE FACE OF BRICK.
ALL DIMENSIONS TO INSIDE FACE OF EXTERIOR WALLS IS TO FACE OF STUDS

GENERAL INSTRUCTIONS

JEFF McGEE - ARCHITECT
MO# A-2021001236

saint louis DESIGN ALLIANCE architects
CORPORATION LICENSE NO. 2009035739
6014 DELMAR BOULEVARD, SAINT LOUIS, MISSOURI, 63112
PHONE 314.863.1313 FAX 314-863-1393 email: slda@slda.com

AUTHORIZED TO SCALE THE DRAWINGS. ALL QUESTIONS IN REFERENCE TO THE CONTRACT DOCUMENTS SHALL BE IMMEDIATELY DIRECTED TO THE ARCHITECT.

INTERIOR RENOVATION FOR
TAYLOR TOOLWORKS
6215 W CUNNINGHAM DR, COLUMBIA, MO 65202

No.	Description	Date

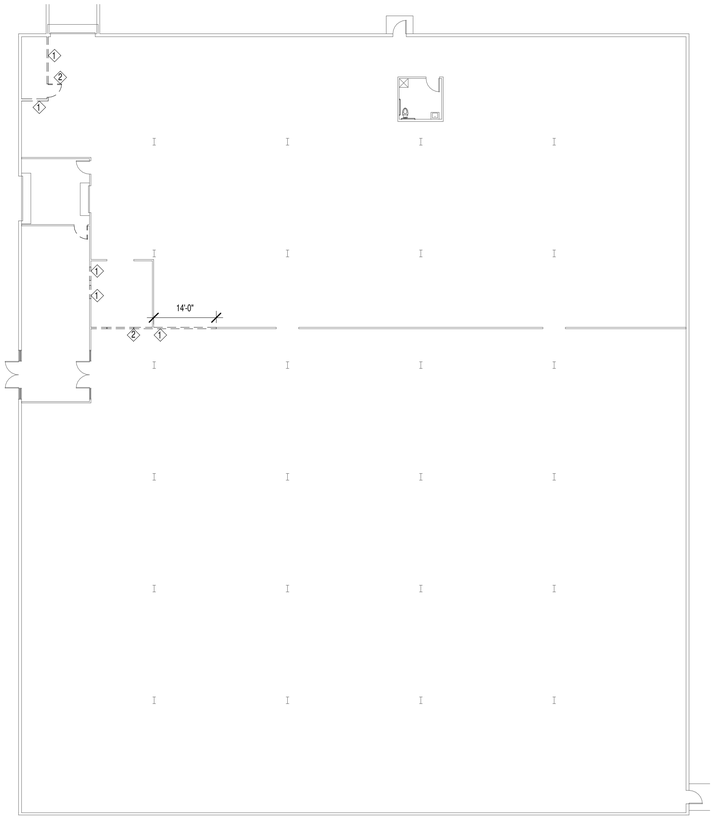
COVER SHEET

Project number	2021041
Date	5.11.2021

A0.0

NOTIFY ARCHITECT IN EVENT OF DISCREPANCIES, OMISSIONS, AND/OR CONFLICTS IN THE DRAWINGS OR SPECIFICATIONS. THE CONTRACTOR IS NOT AUTHORIZED TO SCALE THE DRAWINGS. ALL QUESTIONS IN REFERENCE TO THE CONTRACT DOCUMENTS SHALL BE IMMEDIATELY DIRECTED TO THE ARCHITECT.

5/13/2021 10:54:37 AM



3 PARTIAL DEMOLITION PLAN

SCALE: 1/16" = 1'-0"

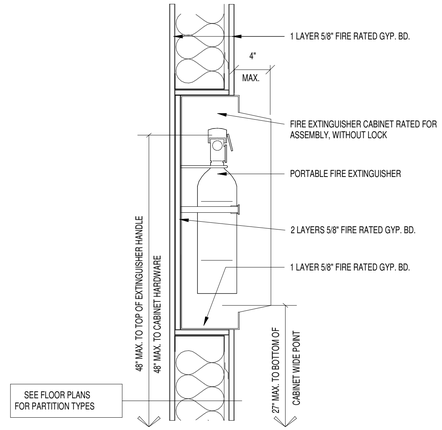
1. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF ALL EXISTING CONDITIONS AND DIMENSIONS. EXISTING CONDITIONS SHOWN ARE APPROXIMATE.
2. REMOVE ALL EQUIPMENT, DEBRIS, AND TRASH OFF SITE. COORDINATE WITH OWNER AND ARCHITECT.
3. ALL ITEMS REMOVED ARE THE PROPERTY OF THE CONTRACTOR, UNLESS NOTED FOR RELOCATION. SALVAGE ITEMS SHALL NOT BE SOLD ON-SITE BUT REMOVED OFF-SITE.
4. REMOVE ALL NON-BEARING PARTITIONS SHOWN DASHED AND AS REQUIRED FOR NEW WORK.
5. ALL EXISTING COLUMNS AND BEAMS SHALL REMAIN, UNLESS NOTED OTHERWISE.
6. DEMOLITION CONTRACTOR SHALL PROTECT STRUCTURAL SYSTEM THROUGHOUT DEMOLITION AND SHALL BE RESPONSIBLE FOR ANY DAMAGE TO PORTIONS OF THE BUILDING THAT ARE TO BE SAVED DURING THE DEMOLITION PROCESS.
7. THE DEMOLITION CONTRACTOR SHALL PROVIDE ANY TEMPORARY SHORING REQUIRED DURING DEMOLITION TO PREVENT COLLAPSE DURING DEMOLITION, INCLUDING ANY PROFESSIONAL DESIGN REQUIRED BY LOCAL AUTHORITIES.
8. THE DEMOLITION CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY UTILITIES DAMAGED DURING THE DEMOLITION PROCESS.
9. THE CONTRACTOR SHALL MAINTAIN ADEQUATE EMERGENCY EGRESS DURING CONSTRUCTION, SATISFACTORY TO LOCAL AUTHORITIES. REMOVING AND/OR BLOCKING EXISTING EXITS SHALL BE SCHEDULED AND COORDINATED WITH LOCAL AUTHORITIES, AND OWNER AS REQUIRED. PRINCIPAL SHALL BE NOTIFIED OF SCHEDULE.

1 REMOVE NON-BEARING WALL

2 REMOVE DOOR & FRAME

TYP. DEMO NOTES

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



2 PORTABLE FIRE EXTINGUISHER CABINET

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

FIRST FLOOR OCCUPANT LOAD					
#	NAME	AREA	LOAD	SF/OCC.	OCCUPANCY COMMENTS
101	LOBBY	214 SF	2	150 SF	
102	OPEN OFFICE	1422 SF	29	50 SF	
103	CONFERENCE	240 SF	2	150 SF	
104	OFFICE	176 SF	2	150 SF	
105	EX. STORAGE	22481 SF	45	500 SF	
107	OFFICE	188 SF	2	150 SF	
108	EX. JANITOR	87 SF	1	300 SF	
111	BREAK ROOM	217 SF	15	15 SF	
Occupancy			98		

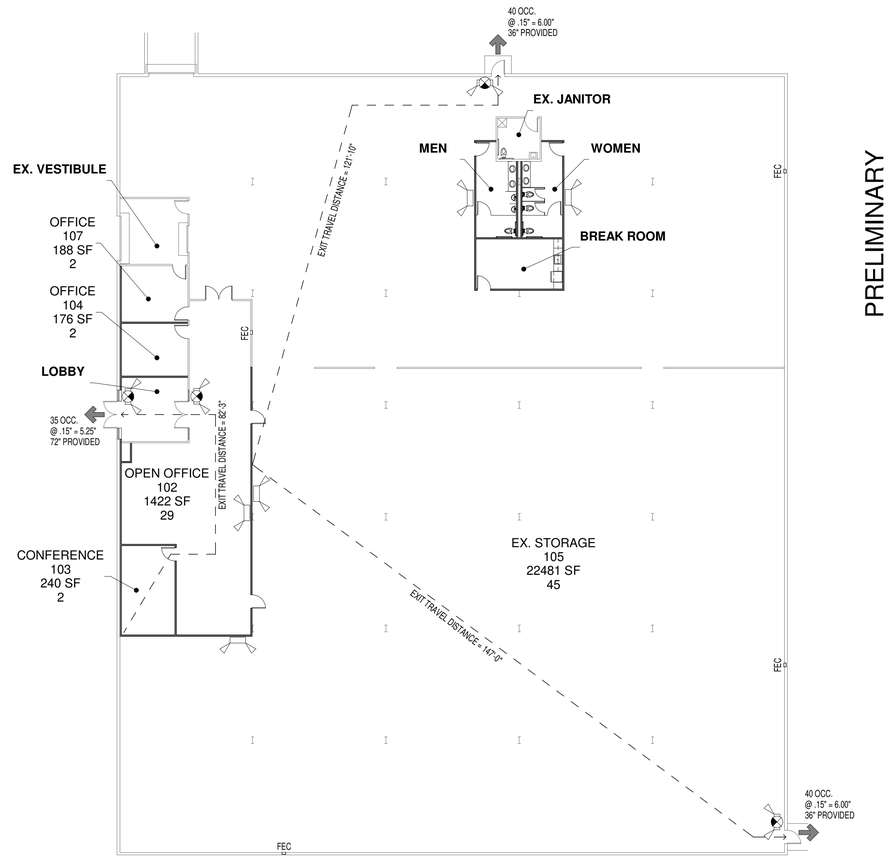
EXIT LIGHT

EMERGENCY LIGHT

EXIT AND EMERGENCY LIGHT COMBO

ELECTRICAL NOTES

SCALE: 1/16" = 1'-0"



1 EGRESS PLAN

SCALE: 1/16" = 1'-0"

PRELIMINARY

JEFF McGEE - ARCHITECT
MO# A-2021001236

STATE OF MISSOURI
JEFF McGEE
NUMBER
A-2021001236
ARCHITECT

saint louis DESIGN ALLIANCE architects
6014 DELMAR BOULEVARD, SAINT LOUIS, MISSOURI, 63112
PHONE 314.863.1313 FAX 314-863-1393 email: stlda@stlda.com

INTERIOR RENOVATION FOR

TAYLOR TOOLWORKS

6215 W CUNNINGHAM DR, COLUMBIA, MO 65202

No.	Description	Date

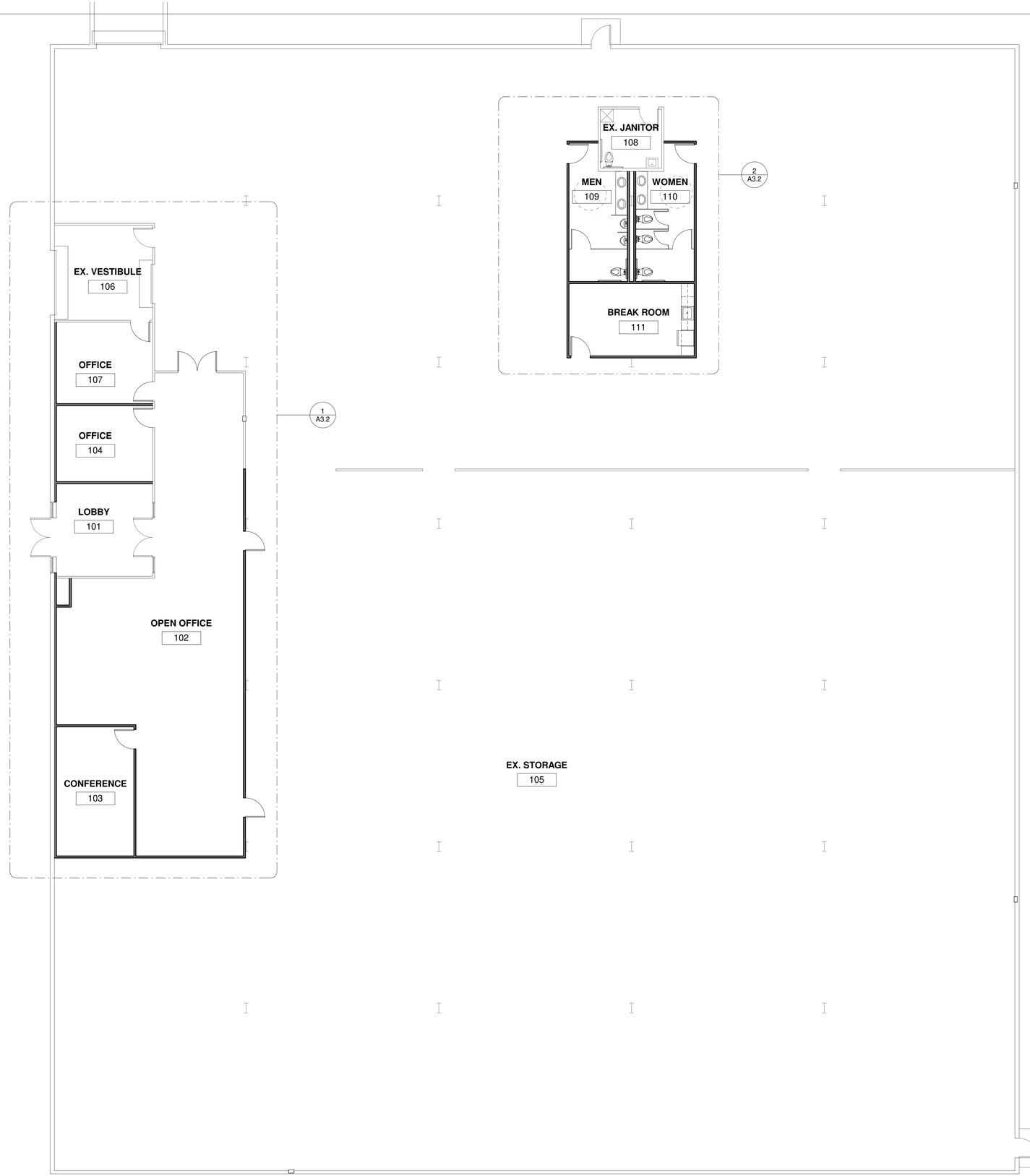
EGRESS PLAN & DEMO PLAN

Project number 2021041
Date 5.11.2021

A0.1

5/13/2021 10:54:38 AM

NOTIFY ARCHITECT IN EVENT OF DISCREPANCIES, OMISSIONS, AND/OR CONFLICTS IN THE DRAWINGS OR SPECIFICATIONS. THE CONTRACTOR IS NOT AUTHORIZED TO SCALE THE DRAWINGS. ALL QUESTIONS IN REFERENCE TO THE CONTRACT DOCUMENTS SHALL BE IMMEDIATELY DIRECTED TO THE ARCHITECT.



1 FLOOR PLAN

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

PRELIMINARY

JEFF McGEE - ARCHITECT
MO# A-2021001236

STATE OF MISSOURI
JEFF McGEE
NUMBER
A-2021001236
LICENSED ARCHITECT

saint louis DESIGN ALLIANCE architects

6014 DELMAR BOULEVARD, SAINT LOUIS, MISSOURI, 63112
PHONE 314.863.1313 FAX 314-863-1393 email: stlda@stlda.com

INTERIOR RENOVATION FOR

TAYLOR TOOLWORKS

6215 W CUNNINGHAM DR, COLUMBIA, MO 65202

No.	Description	Date

FLOOR PLANS

Project number 2021041
Date 5.11.2021

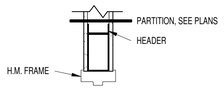
A3.1

NOTIFY ARCHITECT IN EVENT OF DISCREPANCIES, OMISSIONS, AND/OR CONFLICTS IN THE DRAWINGS OR SPECIFICATIONS. THE CONTRACTOR IS NOT AUTHORIZED TO SCALE THE DRAWINGS. ALL QUESTIONS IN REFERENCE TO THE CONTRACT DOCUMENTS SHALL BE IMMEDIATELY DIRECTED TO THE ARCHITECT.

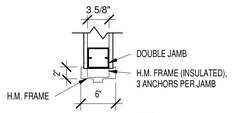
5/13/2021 10:54:38 AM

NOTES

1. PROVIDE DOUBLED STUDS AT EACH JAMB.
2. PROVIDE SEALANT AT ENTIRE PERIMETER OF BOTH SIDES OF FRAME.
3. WHERE FRAME INSET DIMENSION IS NOT GIVEN, FRAME SHALL BE CENTERED ON WALL WIDTH.



HEAD



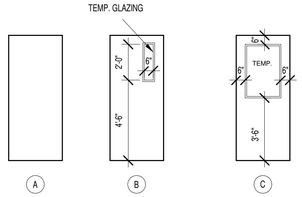
JAMB

4

FRAME TYPES

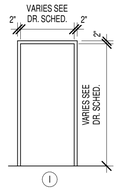
SCALE: 1" = 1'-0"

NOTES:
-- ALL GLASS SHALL BE TEMPERED. GLASS AT EXTERIOR DOORS SHALL BE INSULATING



DOOR TYPES

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



FRAME PROFILES

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

FINISH SCHEDULE

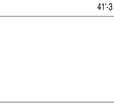
Number	Name	Floor	Base	North Wall	East Wall	South Wall	West Wall	Ceiling	Comments
101	LOBBY	EXIST.	VB	GB/PT	GB/PT	GB/PT	GB/PT	--	---
102	OPEN OFFICE	EXIST.	VB	GB/PT	GB/PT	GB/PT	GB/PT	--	---
103	CONFERENCE	EXIST.	VB	GB/PT	GB/PT	GB/PT	GB/PT		
104	OFFICE	EXIST.	VB	GB/PT	GB/PT	GB/PT	GB/PT	--	---
105	EX. STORAGE	EXIST.	--	EXIST.	EXIST.	EXIST.	EXIST.	--	---
106	EX. VESTIBULE	EXIST.	--	EXIST.	EXIST.	EXIST.	EXIST.	--	---
107	OFFICE	EXIST.	VB	GB/PT	GB/PT	GB/PT	GB/PT	--	---
108	EX. JANITOR	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	EXIST.	--	---
109	MEN	EXIST.	VB	GB/PT	GB/PT	GB/PT	GB/PT	9'-0" ACT	---
110	WOMEN	EXIST.	VB	GB/PT	GB/PT	GB/PT	GB/PT	9'-0" ACT	---
111	BREAK ROOM	EXIST.	VB	GB/PT	GB/PT	GB/PT	GB/PT	9'-0" ACT	---

DOOR SCHEDULE

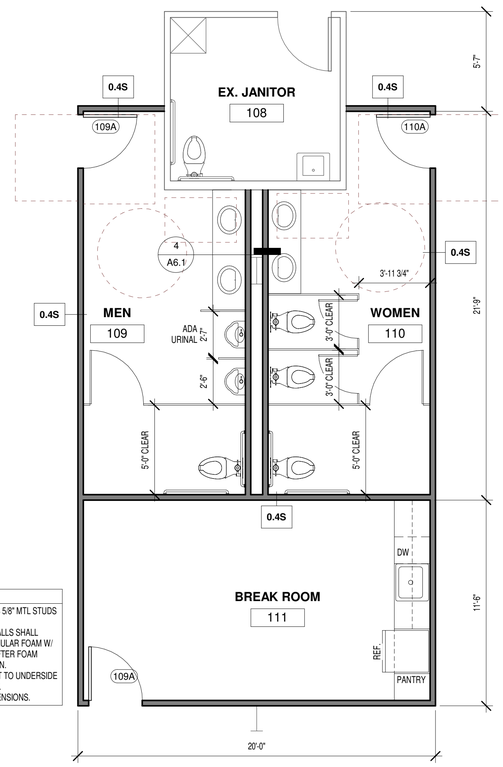
DR #	Room	SINGLE / PAIR	SIZE	DOOR TYPE	DOOR MATERIAL	DOOR FINISH	GLAZING	FRAME TYPE	FRAME PROFILE	FRAME MATERIAL	FRAME FINISH	FIRE RATING	NOTES
101A	LOBBY	SAAAFF	EXISTING OPENING	--	--	--	--	--	--	--	--	--	INSTALL PANIC HARDWARE
101B	LOBBY	SAAAFF	EXISTING OPENING	--	--	--	--	--	--	--	--	--	INSTALL PANIC HARDWARE
102A	OPEN OFFICE	SINGLE	3' - 0"x7" - 0"x0" - 1 3/4"	A	HM	PT	--	1	I	TIMELY	PT	45 MIN.	---
102B	OPEN OFFICE	SINGLE	3' - 0"x7" - 0"x0" - 1 3/4"	A	HM	PT	--	1	I	TIMELY	PT	45 MIN.	---
102C	OPEN OFFICE	PAIR	6' - 0"x7" - 0"x0" - 1 3/4"	A	HM	PT	--	1	I	TIMELY	PT	45 MIN.	---
103A	CONFERENCE	SINGLE	3' - 0"x7" - 0"x0" - 1 3/4"	A	HM	PT	--	1	I	TIMELY	PT	--	---
104A	OFFICE	SINGLE	3' - 0"x7" - 0"x0" - 1 3/4"	A	HM	PT	--	1	I	TIMELY	PT	--	---
105A	STORAGE	SAAAFF	EXISTING OPENING	--	--	--	--	--	--	--	--	--	EXIST. PANIC HARDWARE
105B	STORAGE	SAAAFF	EXISTING OPENING	--	--	--	--	--	--	--	--	--	EXIST. PANIC HARDWARE
107A	OFFICE	SINGLE	3' - 0"x7" - 0"x0" - 1 3/4"	A	HM	PT	--	1	I	TIMELY	PT	--	---
107B	OFFICE	SINGLE	3' - 0"x7" - 0"x0" - 2"	A	HM	PT	--	1	I	TIMELY	PT	45 MIN.	---
109A	BREAK ROOM	SINGLE	3' - 0"x7" - 0"x0" - 1 3/4"	A	HM	PT	--	1	I	TIMELY	PT	--	---
109A	MEN	SINGLE	3' - 0"x7" - 0"x0" - 1 3/4"	A	HM	PT	--	1	I	TIMELY	PT	--	---
110A	WOMEN	SINGLE	3' - 0"x7" - 0"x0" - 1 3/4"	A	HM	PT	--	1	I	TIMELY	PT	--	---

GENERAL DOOR NOTES

1. RATED DOORS SHALL HAVE FIRE AND SMOKE SEALS AROUND ENTIRE PERIMETER.
2. RATED DOORS SHALL BE LOCATED IN FRAMES OF EQUIVALENT RATINGS.
3. GLAZING IN UNRATED DOORS SHALL BE TEMPERED.
4. GLAZING IN RATED DOORS SHALL BE WIRE GLAZING OR FIRE GLAZING.
5. PROVIDE (1-1/2) PAIR OF BUTT HINGES AT ALL SINGLE DOORS LESS THAN 96" TALL U.N.O. PROVIDE (2) PAIR OF BUTT HINGES AT ALL SINGLE DOORS 96" TALL OR GREATER U.N.O. PROVIDE (3) PAIR OF BUTT HINGES AT ALL DOUBLE DOORS LESS THAN 96" TALL U.N.O. PROVIDE (4) PAIR OF BUTT HINGES AT ALL DOUBLE DOORS 96" TALL OR GREATER U.N.O.
6. CONTRACTOR SHALL COORDINATE A KEYING SCHEDULE WITH THE OWNER/ARCHITECT.



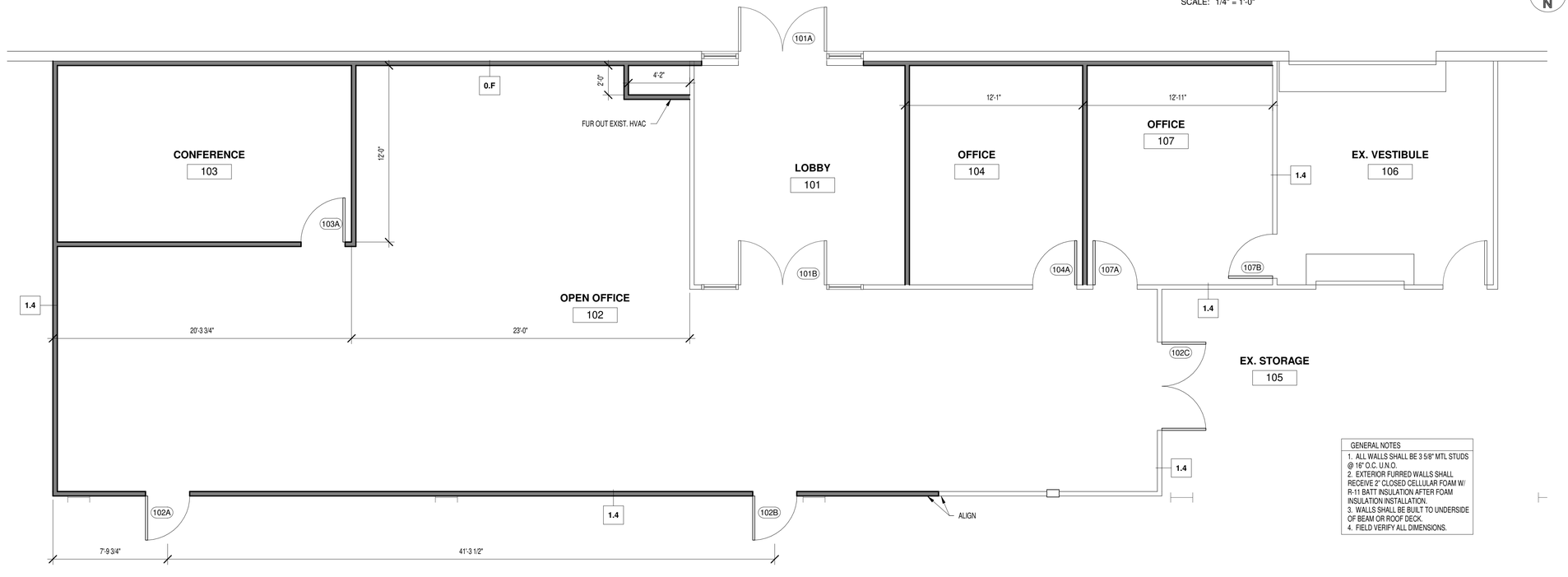
EACH DOOR SUB-CONTRACTOR (ALUMINUM. STOREFRONT/ WOOD/HM) SHALL BE RESPONSIBLE TO ADJUST ALL INTERIOR DOORS SO THAT THE DOOR'S REQUIRED OPENING FORCE IS 5 lbs OR LESS. ANY DOOR WITH A CLOSER SHALL BE ADJUSTED TO SLOW THE CLOSING TIME TO A MINIMUM OF THREE SECS. BUT NO MORE THAN 4 SECS. FROM A STARTING POINT OF 70° OPEN TO 3° FROM CLOSING. HARDWARE SHALL BE SELECTED TO ALLOW FOR CLOSING SPEED REQUIREMENTS FOR ACCESSIBILITY. COORDINATE THESE REQUIREMENTS WITH LOCAL CODE AND PROVIDE THE STRICTER.



GENERAL NOTES
1. ALL WALLS SHALL BE 3 5/8" MTL STUDS @ 16" O.C. U.N.O.
2. EXTERIOR FURRED WALLS SHALL RECEIVE 2" CLOSED CELLULAR FOAM W/ R-11 BATT INSULATION AFTER FOAM INSULATION INSTALLATION.
3. WALLS SHALL BE BUILT TO UNDERSIDE OF BEAM OR ROOF DECK.
4. FIELD VERIFY ALL DIMENSIONS.

2 ENLARGED RESTROOM PLAN

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



GENERAL NOTES
1. ALL WALLS SHALL BE 3 5/8" MTL STUDS @ 16" O.C. U.N.O.
2. EXTERIOR FURRED WALLS SHALL RECEIVE 2" CLOSED CELLULAR FOAM W/ R-11 BATT INSULATION AFTER FOAM INSULATION INSTALLATION.
3. WALLS SHALL BE BUILT TO UNDERSIDE OF BEAM OR ROOF DECK.
4. FIELD VERIFY ALL DIMENSIONS.

1 ENLARGED OFFICE PLAN

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

PRELIMINARY

STATE OF MISSOURI
JEFF McGEE
NUMBER
A-2021001236
ARCHITECT

JEFF McGEE - ARCHITECT
MO# A-2021001236

saint louis DESIGN ALLIANCE architects

6014 DELMAR BOULEVARD, SAINT LOUIS, MISSOURI, 63112
PHONE 314.863.1313 FAX 314-863-1393 email: stlda@stlda.com

INTERIOR RENOVATION FOR

TAYLOR TOOLWORKS

6215 W CUNNINGHAM DR, COLUMBIA, MO 65202

No.	Description	Date

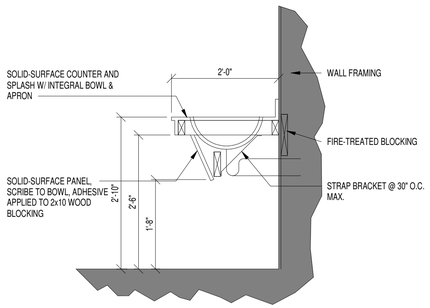
ENLARGED PLANS

Project number 2021041
Date 5.11.2021

A3.2

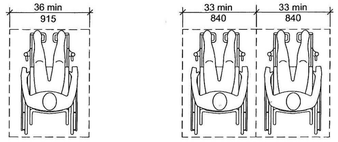
5/13/2021 10:54:33 AM

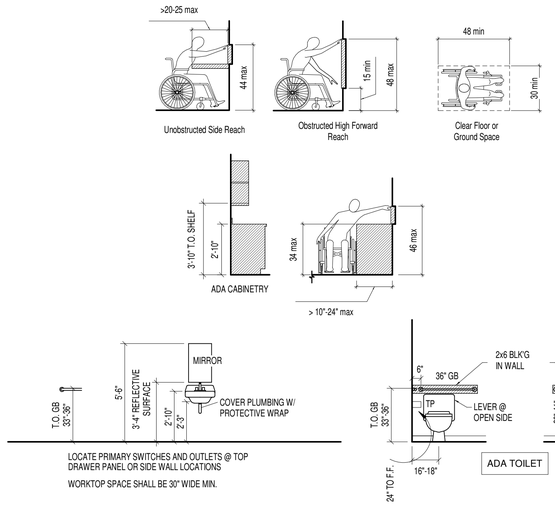
NOTIFY ARCHITECT IN EVENT OF DISCREPANCIES, OMISSIONS, AND/OR CONFLICTS IN THE DRAWINGS OR SPECIFICATIONS. THE CONTRACTOR IS NOT AUTHORIZED TO SCALE THE DRAWINGS. ALL QUESTIONS IN REFERENCE TO THE CONTRACT DOCUMENTS SHALL BE IMMEDIATELY DIRECTED TO THE ARCHITECT.



4 VANITY SECTION

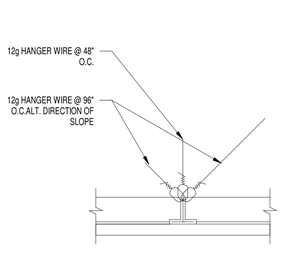
SCALE: 3/4" = 1'-0"

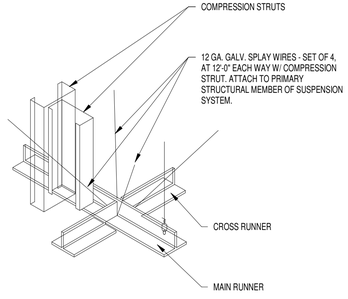




3 ADA GUIDELINES

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





PERPENDICULAR VIEW AT MAIN

IBC CATEGORY D/E/F CISCA ZONE 3-4

- MINIMUM 2" WALL MOLDING(CLOSURE ANGLE)
- MINIMUM HEAVY DUTY T-BAR GRID SYSTEM
- GRID MUST BE ATTACHED TO THE 2" CLOSURE ANGLE AT TWO ADJACENT WALLS
- THE OPPOSITE ENDS OF THE ATTACHED GRID MUST HAVE 3/4" CLEARANCE ON THOSE SIDES
- MAIN AND CROSS TEES MUST BE TIED TOGETHER TO PREVENT TWISTING
- SPRINKLER HEADS AND OTHER PENETRATIONS NEED A 2" OVERSIZE RING, SLEEVE, OR ADAPTER TO ALLOW FOR 1" MOVEMENT IN ALL DIRECTIONS.
- LIGHT FIXTURES MUST BE POSITIVELY ATTACHED TO THE CEILING GRID WITH AN ATTACHMENT CAPABLE OF CARRYING 100% OF THE WEIGHT OF THE LIGHT FIXTURE. LIGHT FIXTURES WEIGHING UP TO 56lbs REQUIRE TWO VERTICAL SUPPORT WIRES. THESE WIRES MAY BE SLACK. LIGHT FIXTURES WEIGHING MORE THAN 56lbs SHALL REQUIRE INDEPENDENT SUPPORT FROM THE SHELL BUILDING STRUCTURE ABOVE THE CEILING.
- MECHANICAL AIR TERMINALS WEIGHING LESS THAN 20lbs SHALL BE POSITIVELY ATTACHED TO THE CEILING GRID. AIR TERMINALS WEIGHING 20lbs BUT NOT MORE THAN 56lbs SHALL BE SECURED TO THE SHELL BUILDING STRUCTURE ABOVE THE CEILING IN ADDITION TO ATTACHING THE AIR TERMINAL TO THE CEILING GRID. THESE TWO NO. 12 GA. WIRES MAY BE SLACK. AIR TERMINALS WEIGHING MORE THAN 56lbs SHALL REQUIRE INDEPENDENT SUPPORT FROM THE SHELL BUILDING STRUCTURE ABOVE THE CEILING
- COMPRESSION STRUTS MUST BE PLACED WITHIN TWO INCHES OF THE FOUR SPLAY WIRES.
- FOR STRUTS UP TO 4'-0" IN LENGTH, A MINIMUM 25 GAUGE METAL STUD WITH 7/8" FLANGES MAY BE USED.
- FOR STRUTS UP TO 8'-0" IN LENGTH, A MINIMUM 25 GUAGE METAL STUD WITH 1 5/8" FLANGES AND 1/2" LIPS MAY BE USED.
- FASTEN STUDS TO STRUCTURE WITH THREE #12 SCREWS. (HILTI- SELF DRILLING)
- FOUR NO. 12 GUAGE WIRES MUST BE SECURED TO THE MAIN RUNNER WITIN 2 INCHES OF THE CROSS RUNNER INTERSECTION AND SPLAYED 90 DEGREES FROM THE PLANE OF THE CEILING. A STRUT FASTENED TO THE MAIN RUNNER SHALL BE EXTENDED TO AND FASTENED TO THE STRUCTURAL MEMBERS SUPPORTING THE ROOF AT FLOOR ABOVE. THE STRUT SHALL BE ADEQUATE TO RESIST THE VERTICAL COMPONENT INDUCED BY THE BRACING WIRES. THESE HORIZONTAL RESTRAINT POINTS SHALL BE PLACED 12 FEET ON CENTER IN BOTH DIRECTIONS WITH THE FIRST POINT WITHIN 6 FEET FROM EACH WALL. ATTACHMENT OF THE RESTRAINT WIRES IN THE STRUCTURE ABOVE SHALL BE ADEQUATE FOR THE LOAD IMPOSED.
- PERIMETER WIRES SHALL ALSO BE PROVIDED 8" OUT FROM ALL WALLS.
- LATERAL FORCE BRACING MEMBERS SHALL BE SPACED A MINIMUM OF 6 INCHES FROM ALL HORIZONTAL PIPING OR DUCT WORK THAT IS NOT PROVIDED WITH BRACING RESTRAINTS FOR HORIZONTAL FORCES. BRACING WIRES SHALL BE ATTACHED TO THE GRID AND TO THE STRUCTURE IN SUCH A MANNER THAT THEY CAN SUPPORT A DESIGN LOAD OF NOT LESS THAN 200 POUNDS OR THE ACTUAL LOAD, WHICHEVER IS GREATER, WITH A SAFETY FACTOR OF TWO.

2 ACT CEILING DESIGN CLASSIFICATION D

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

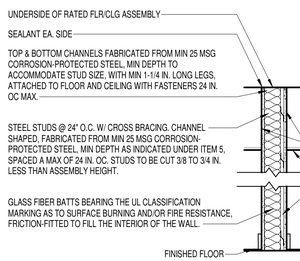
GYP BD

- CGC INC — 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRX or WRC
- UNITED STATES GYPSUM CO — 5/8 in. thick Type SCX, SGX, SHX, WRX, IP-X1, AR, C, WRC, FRX-G, IP-AR, IP-X2, IPC-AR
- USG BORAL DRYWALL SFZ LLC — 5/8 in. Types C, SCX, SGX, ULTRACODE
- USG MEXICO S A DE C V — 5/8 in. thick Type AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, WRX, WRC

VINYL OR CASEIN, DRY OR PREMIXED JOINT COMPOUND APPLIED IN TWO COATS TO JOINTS AND SCREW HEADS OF OUTER LAYERS. PAPER TAPE, NOM 2 IN. WIDE, EMBEDDED IN FIRST LAYER OF COMPOUND OVER ALL JOINTS OF OUTER LAYER PANELS. PAPER TAPE AND JOINT COMPOUND MAY BE OMITTED WHEN GYPSUM PANELS ARE SUPPLIED WITH A SQUARE EDGE.

(1) LAYER 5/8 IN. THICK, 4 FT WIDE GYPSUM BOARD PANELS EA. SIDE. BEVELED, SQUARE OR TAPERED EDGES, APPLIED VERTICALLY OR HORIZONTALLY. VERTICAL JOINTS CENTERED OVER STUDS AND STAGGERED ONE STUD CAVITY ON OPPOSITE SIDES OF STUDS. HORIZONTAL JOINTS NEED NOT BE BACKED BY STEEL FRAMING. HORIZONTAL EDGE JOINTS AND HORIZONTAL BUTT JOINTS ON OPPOSITE SIDES OF STUDS NEED NOT BE STAGGERED.

TYPE S OR S-12 STEEL SCREWS USED TO ATTACH PANELS TO STUDS OR FURRING CHANNELS. 1 IN. LONG, SPACED 8 IN. OC WHEN PANELS ARE APPLIED HORIZONTALLY, OR 8 IN. OC ALONG VERTICAL AND BOTTOM EDGES AND 12 IN. OC IN THE FIELD WHEN PANELS ARE APPLIED VERTICALLY.



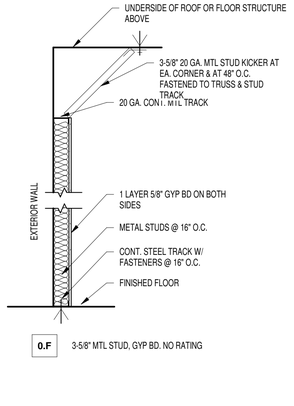
NOTES:
WSP SHEATHING (SYSTEM 3) ON SHEAR WALLS. SEE STRUCTURAL PLANS FOR LOCATIONS & DETAILS.
MOUNT RESILIENT CHANNELS ON CORRIDOR SIDE.

UL U419 - 1 HR
RUNNERS SYSTEM 1
STUDS SYSTEM 2
INSULATION SYSTEM 4A
GYPSUM BOARD SYSTEM 5
FURRING CHANNELS SYSTEM 7

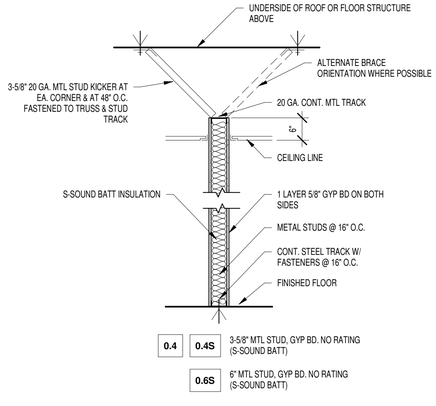
GA FILE NO. WP 1058 50-54 STC
SOUND TEST: RAL TL11-072, 3/22/11

1.4 1.4S	3 5/8" MTL STUD, 1 HR RATING, S-SOUND BATTS	
1.6 1.6S	6" MTL STUD, 1 HR RATING, S-SOUND BATTS	

A0.4S A1.4S	3 5/8" MTL STUD, 0 or 1 HR RATING, R.C. & BATTS	
A0.6S A1.6S	6" MTL STUD, 0 or 1 HR RATING, R.C. & BATTS	



0.F 3-5/8" MTL STUD, GYP BD. NO RATING



0.4 0.4S 3-5/8" MTL STUD, GYP BD. NO RATING (S-SOUND BATT)

0.6S 6" MTL STUD, GYP BD. NO RATING (S-SOUND BATT)

GENERAL NOTES:
1. PROVIDE FIRESTOPPING @ TOP AND BOTTOM OF ALL WALLS
2. PROVIDE PLENUM OPENINGS AS REQUIRED BY MECHANICAL DRAWINGS
3. LOCATE MEMBRANE PENETRATIONS IN SOUND RATED PARTITIONS TO AVOID BACK TO BACK PENETRATIONS IN SINGLE CAVITY

1 PARTITION TYPES

SCALE: 3/4" = 1'-0"

PRELIMINARY

STATE OF MISSOURI JEFF McGEE NUMBER A-2021001236 ARCHITECT
JEFF McGEE - ARCHITECT
MO# A-2021001236

saint louis DESIGN ALLIANCE architects
6014 DELMAR BOULEVARD, SAINT LOUIS, MISSOURI, 63112
PHONE 314.863.1313 FAX 314-863-1393 email: stlda@stlda.com

INTERIOR RENOVATION FOR

TAYLOR TOOLWORKS

6215 W CUNNINGHAM DR, COLUMBIA, MO 65202

No.	Description	Date

DETAILS

Project number 2021041
Date 5.11.2021

A6.1

5/13/2021 10:54:40 AM

NOTIFY ARCHITECT IN EVENT OF DISCREPANCIES, OMISSIONS, AND/OR CONFLICTS IN THE DRAWINGS OR SPECIFICATIONS. THE CONTRACTOR IS NOT AUTHORIZED TO SCALE THE DRAWINGS. ALL QUESTIONS IN REFERENCE TO THE CONTRACT DOCUMENTS SHALL BE IMMEDIATELY DIRECTED TO THE ARCHITECT.