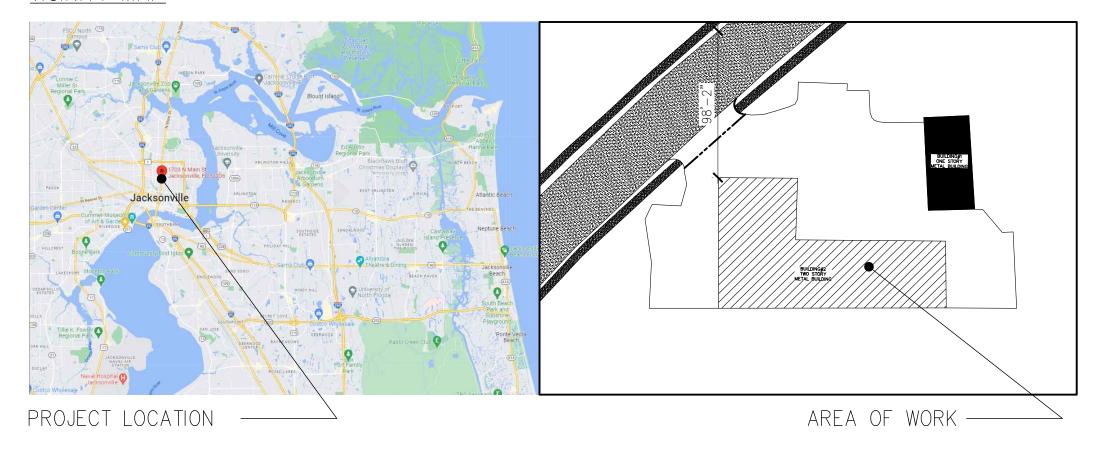
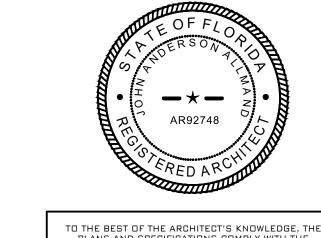
<u>VICINITY MAP</u>



CHANGE OF USE MARITIME SCHOOL 3787 OLD MIDDLEBURG RD N BLD#2 JACKSONVILLE, FL 32210





TO THE BEST OF THE ARCHITECT'S KNOWLEDGE, THE PLANS AND SPECIFICATIONS COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES AND THE APPLICABLE FIRE-SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH THIS SECTION AND CHAPTER 633, FLORIDA STATUTES. TO THE BEST OF THE ARCHITECT'S KNOWLEDGE, THE SPACE HAS BEEN DESIGNED TO MEET THE REQUIREMENTS OF THE FORIDA BUILDING CODE 7TH EDITION 2020 AND THE 7TH EDITION OF THE FLORIDA FIRE PREVENTION CODE BASED ON NFPA, 1 FIRE CODE 2018 EDITION.

THIS ITEM HAS BEEN DIGITALLY SEALED BY JOHN ALLMAND, ARCHITECT, ON 3.7.2024 USING A DIGITAL SIGNATURE. PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES. AHJ APPROVED CONSTRUCTION DOCUMENTS ON SITE SHALL BEAR THE "APPROVED" SEAL FROM THE AHJ.

NATIONAL GEODETIC NORTH

OVERHEAD GARAGE DOO

UTSIDE DIAMETER

ORIENTED STRAND
OPEN WEB STEEL,
OVERHEAD DOOR
OPERABLE
OPENING
OPPOSITE
OUNCE

PARTICLE BOARD PEDESTAL (SINK) PARALLEL

PREFABRICATED PLASTER PLATE

PRESSURE
PAVEMENT
PLYWOOD
POUNDS PER SQ. FT.
POINT

QUARRY TILE QUANTITY

REGLET REINFORCEMENT

REQUIRED
REVISION(S), REVISED
ROOF HATCH
ROOM
ROUGH OPENING
ROD & SHELF(S)
RUBBER TILE
RUBBER
RESILIENT

SERVICE SLIDING GLASS DOOR SHELVES

SIMILAR
SLEEVE
SEALANT
SPECIFICATION
SPEAKER
SQUARE
SQUARE FEET
SERVICE SINK
STAINLESS STEEL
STEEL
STANDARD
STRUCTURAL
SUSPENDED

TELEPHONE TEMPERED (GLASS) TONGUE & GROOVE

TOP OF CONCRETE TOP OF STEEL UNDERCUT (DOOR)

UNLESS NOTED OTHERWISE URINAL UNFINISHED

VARIES VANITY BASE (CABINET)

VENT
VACUUM
VESTIBULE
VERIFY IN FIELD
VAPOR BARRIER
VINYL BASE
VINYL COMPOSITION TILE
VERTICAL
VENEER PLASTER
VINYL THE
VENT THRU ROOF

WASHING MACHINE WOOD WATER HEATER

WALK-IN CLOSET

WITH WEST (OR WIDTH) WATER CLOSET

WIN WINDOW
W/O WITHOUT
WP WATERPROOFING
WT WEIGHT
WWM WELDED WIRE MESH

TELEVISION TYPICAL

POLYVINYL CHLORIDE(PIF PROPERTY LINE

PREFAB PREFABRICATED
PL LAM PLASTIC LAMINATE
PLUBG PLUMBING
PWD PLYWOOD
PORT PORTABLE
PAIR
PAIR

PARKING PARTICLE BOARD POUND PRECAST (CONCRETE) PARTITION

NOMINAL NOT TO SCALE

GENERAL NOTES

SYMBOLS

NUMBER WINDOW TYPE

PARTITION TYPE DEMOLITION

> **ACCESSORIES** LOUVER

NOTE

EXISITING WALL TO REMAIN DEMOLITION UNRATED WALL

2-HOUR RATED WALL

NORTH ARROW

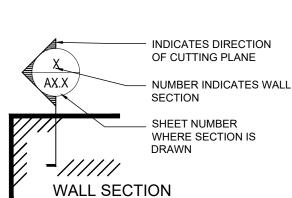
INDICATES DIRECTION

OF CUTTING PLANE

LETTER INDICATES BUILDING SECTION SHEET NUMBER WHERE SECTION IS 🖣 AX.X /

BUILDING SECTION

NUMBER INDICATES ELEVATION SHEET NUMBER WHERE ELEVATION IS DRAWN **ELEVATION**



NUMBER INDICATES DETAIL SHEET NUMBER WHERE DETAIL IS **DETAIL** DRAWN

A-INTENT & USE OF CONSTRUCTION DOCUMENTS

1. THE PURPOSE OF THESE DOCUMENTS IS TO CONVEY DESIGN INTENT ONLY. THE CONTRACTOR SHALL A) BE SOLELY RESPONSIBLE FOR COMPLIANCE WITH ORDERS OF ANY PUBLIC AUTHORITY BEARING ON THE PERFORMANCE OF THE WORK, B) PROMPTLY NOTIFY ARCHITECT IF THE DRAWINGS AND SPECIFICATIONS ARE AT VARIANCE THEREWITH, AND C) OBTAIN ALL REQUISITE BUILDING AND OTHER PERMITS REQUIRED IN CONNECTION WITH THE WORK.

2. THE CONTRACTOR WILL BE PRESUMED TO HAVE INSPECTED THE SITE AND TO HAVE READ AND TO BE THOROUGHLY FAMILIAR WITH THE DRAWINGS AND SPECIFICATIONS. THE FAILURE OR OMISSION OF ANY CONTRACTOR TO EXAMINE ANY FORM, INSTRUMENT OR DOCUMENT SHALL IN NO WAY RELIEVE THE CONTRACTOR FROM ANY OBLIGATION IN RESPECT TO HIS WORK.

3. THE CONTRACTOR SHALL PERFORM NO PORTION OF THE WORK AT ANY TIME WITHOUT CONTRACT DOCUMENTS, OR WHERE REQUIRED, APPROVED SHOP DRAWINGS, PRODUCT DATA OR SAMPLE FOR SUCH PORTION OF THE WORK.

4. THESE DRAWINGS DO NOT NECESSARILY INDICATE OR DESCRIBE ALL WORK REQUIRED FOR FULL PERFORMANCE AND COMPLETION OF THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. ON THE BASIS OF THE GENERAL SCOPE INDICATED OR DESCRIBED, THE CONTRACTOR SHALL FURNISH ALL ITEMS REQUIRED FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK. DECISIONS OF ARCHITECT AS TO THE ITEMS OF WORK INCLUDED WITHIN THE SCOPE OF THESE DOCUMENTS SHALL BE FINAL AND BINDING ON THE CONTRACTOR AND THE OWNER.

5. THE ARCHITECT RESERVES THE RIGHT TO REJECT ITEMS INCORPORATED INTO THE WORK WHICH FAIL TO MEET THE SPECIFIED MINIMUM REQUIREMENTS. THE ARCHITECT FURTHER RESERVES THE RIGHT, AND WITHOUT PREJUDICE TO OTHER RECOURSE. ARCHITECT MAY OR MAY NOT ACCEPT NON-COMPLYING ITEMS SUBJECT TO ANY ADJUSTMENT IN THE CONTRACT AMOUNT AS APPROVED BY THE ARCHITECT AND/OR THE OWNER.

B-PERMITS, FEES, TAXES, & NOTICES

1. THE CONTRACTOR SHALL PAY ALL SALES, CONSUMER, AND OTHER SIMILAR TAXES FOR THE WORK OR PORTIONS THEREOF PROVIDED BY THE CONTRACTOR WHICH ARE LEGALLY ENACTED AT THE TIME OF CONSTRUCTION.

1-HOUR RATED WALL 2. UNLESS OTHERWISE PROVIDED IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL SECURE AND PAY FOR THE BUILDING PERMIT AND FOR ALL OTHER PERMITS AND GOVERNMENTAL FEES, LICENSES AND INSPECTIONS NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK.

. THE CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL LAWS, REVISION CLOUD AND ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY BEARING ON THE PERFORMANCE OF THE WORK.

> 4. THE CONTRACTOR SHALL EXERCISE REASONABLE EFFORT TO MAKE CERTAIN THAT THE CONTRACT DOCUMENTS ARE IN ACCORDANCE WITH APPLICABLE LAWS, STATUTES, BUILDING CODES AND REGULATIONS. IF THE CONTRACTOR OBSERVES THAT ANY OF THE CONTRACT DOCUMENTS ARE AT VARIANCE THEREWITH IN ANY RESPECT, HE SHALL PROMPTLY NOTIFY ARCHITECT IN WRITING, AND ANY NECESSARY CHANGES SHALL BE ACCOMPLISHED BY APPROPRIATE MODIFICATION.

5. IF THE CONTRACTOR PERFORMS ANY WORK KNOWING IT TO BE CONTRARY TO SUCH LAWS, ORDINANCES, RULES AND REGULATIONS, AND WITHOUT SUCH NOTICE TO DESIGNER, HE SHALL ASSUME FULL RESPONSIBILITY THEREFORE AND SHALL BEAR ALL COSTS ATTRIBUTABLE THERETO.

C-COORDINATION & SUPERVISION

1. ALL WORK TO BE SCHEDULED DURING REGULAR BUSINESS HOURS UNLESS NOTED OTHERWISE.

2. CONTRACTOR TO PROVIDE ADVANCE NOTIFICATION TO TENANT'S REPRESENTATIVE WHEN TENANT OR THEIR CONTRACTOR(S) ARE REQUIRED AT JOB SITE FOR COORDINATION MEETINGS OR INSTALLATIONS.

3. UPON COMPLETION OF THE WORK, THE CONTRACTOR TO NOTIFY BUILDING OWNER REPRESENTATIVE THAT THE PROJECT IS READY FOR INSPECTION. OWNER/REP WILL COMPILE A "PUNCH LIST" OF CORRECTIONS NEEDED OF UNSATISFACTORY AND/OR INCOMPLETE WORK. FINAL PAYMENT WILL BE INDICATES DIRECTION OF VIEWCONTINGENT UPON THE SUCCESSFUL COMPLETION OF THE PUNCH LIST.

4. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK, USING THE CONTRACTOR'S BEST SKILL AND ATTENTION. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES, AND SHALL COORDINATE ALL PORTIONS OF THE

5. THE CONTRACTOR SHALL BE RESPONSIBLE TO THE OWNER FOR THE ACTS AND OMISSIONS OF THE CONTRACTOR'S EMPLOYEES, SUBCONTRACTORS AND THEIR AGENTS AND EMPLOYEES, AND ANY OTHER PERSONS PERFORMING ANY OF THE WORK UNDER A CONTRACT WITH THE CONTRACTOR.

6. THE CONTRACTOR TO. AT ALL TIMES, KEEP THE PREMISES FREE OF ACCUMULATION OF WASTE MATERIALS OR RUBBISH; PREMISES TO BE SWEPT CLEAN DAILY.

7. THE CONTRACTOR TO PROVIDE FINAL CLEANING OF ALL AREAS OF WORK INCLUDING THE CONSTRUCTION ACCESS ROUTE. FINAL CLEANING TO INCLUDE WINDOWS AND CEILINGS.

D-LABOR, MATERIALS, & WARRANTY

1. UNLESS OTHERWISE PROVIDED IN THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL PROVIDE AND PAY FOR ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, CONSTRUCTION EQUIPMENT AND MACHINERY, TRANSPORTATION, AND OTHER FACILITIES AND SERVICES NECESSARY FOR THE PROPER EXECUTION AND COMPLETION OF THE WORK.

2. THE CONTRACTOR SHALL AT ALL TIMES ENFORCE STRICT DISCIPLINE AND GOOD ORDER AMONG THE CONTRACTOR'S EMPLOYEES AND SHALL NOT EMPLOY ON THE WORK ANY UNFIT PERSON OR ANYONE NOT SKILLED IN THE TASK ASSIGNED THEM.

3. ALL WORK SHALL BE PERFORMED BY SKILLED AND QUALIFIED WORKMEN IN ACCORDANCE WITH THE BEST PRACTICES OF THE TRADES INVOLVED AND IN COMPLIANCE WITH BUILDING REGULATIONS AND/OR GOVERNMENT LAWS, STATUTES OR ORDINANCES CONCERNING THE USE OF UNION LABOR.

4. CONTRACTOR AND SUB-CONTRACTORS TO FIELD VERIFY ALL DIMENSIONS AND CONDITIONS SHOWN ON DOCUMENTS AND MUST NOTIFY ARCHITECT OF ANY DISCREPANCIES, OMISSIONS AND/OR CONFLICTS PRIOR TO PROCEEDING WITH THE

5. EACH TRADE WILL BE EXPECTED TO PROCEED IN A FASHION THAT WILL NOT DELAY OTHER TRADES.

6. THE CONTRACTOR IS RESPONSIBLE FOR THE DISTRIBUTION OF DRAWINGS TO ALL TRADES UNDER THEIR JURISDICTION.

7. DO NOT SCALE DRAWINGS; DIMENSIONS GOVERN. LARGER SCALE DRAWINGS TO GOVERN OVER SMALLER SCALE DRAWINGS.

8. DIMENSIONS ARE TO THE FINISHED FACE OF NEW CONSTRUCTION. DIMENSIONS ARE NOMINAL UNLESS OTHERWISE INDICATED.

9. IF DIMENSIONS ARE IN QUESTION, THE CONTRACTOR IS RESPONSIBLE TO GET CLARIFICATION AND DIRECTION FROM ARCHITECT PRIOR TO PROCEEDING WITH THE

10. THE CONTRACTOR IS RESPONSIBLE FOR CUTTING AND PATCHING REQUIRED FOR HIS WORK UNLESS OTHERWISE NOTED.

11. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ADEQUATE BLOCKING FOR WALL SUPPORTED ELEMENTS INCLUDING MILLWORK, EQUIPMENT, FIXTURES AND FURNITURE. CONTRACTOR TO VERIFY EXTENT AND COORDINATE WITH APPROPRIATE SUBCONTRACTORS.

12. ALL MATERIALS TO BE NEW, UNUSED AND OF THE HIGHEST QUALITY IN EVERY RESPECT, UNLESS OTHERWISE NOTED. MANUFACTURED MATERIALS AND EQUIPMENT TO BE STORED AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN RECOMMENDATIONS AND INSTRUCTIONS.

11. THERE WILL BE NO SUBSTITUTIONS OF MATERIALS WHERE A MANUFACTURER IS SPECIFIED. WHERE THE TERMS "FOUAL TO" OR "APPROVED FOUAL" ARE USED, ARCHITECT TO DETERMINE EQUALITY BASED ON INFORMATION SUBMITTED BY THE CONTRACTOR.

12. ALL FINISHES TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS AND INSTRUCTIONS FOR THE TYPE OF MATERIAL AND INSTALLATION SPECIFIED.

13. PAINT TO BE APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS OVER PROPERLY PREPARED SURFACES. WALLS TO BE STRAIGHT AND SMOOTH. PROVIDE MINIMUM ONE COAT PRIME AND ONE FINISH COAT. FINISHED COAT TO COMPLETELY COVER WITH NO STREAKING OR BLEEDING OF UNDERCOATS.

14. MILLWORK TO CONFORM WITH AWI STANDARDS FOR PREMIUM GRADE MILLWORK. DRAWINGS INDICATE DESIGN INTENT. FABRICATOR IS RESPONSIBLE FOR MILLWORK ENGINEERING.

15. DRYWALL CONTRACTOR TO CLOSELY COORDINATE HIS WORK WITH THAT OF OTHER TRADES. WHERE DRYWALL IS IN CONFLICT WITH DUCTWORK, PLUMBING LINES. ETC. THIS CONTRACTOR TO PROVIDE ALL NECESSARY BRIDGING AND BRACING REQUIRED TO SECURE DRYWALL AND TO MAINTAIN FIRE OR SOUND RATING WHERE REQUIRED.

16. THE CONTRACTOR WARRANTS TO THE OWNER THAT ALL MATERIALS AND EQUIPMENT FURNISHED UNDER THIS CONTRACT WILL BE NEW UNLESS OTHERWISE SPECIFIED, AND THAT ALL WORK WILL BE OF GOOD QUALITY, FREE FROM FAULTS AND DEFECTS AND IN CONFORMANCE WITH THE CONTRACT DOCUMENTS FOR A PERIOD OF NOT LESS THAN ONE YEAR FROM THE COMPLETION OF CONSTRUCTION. ALL WORK NOT CONFORMING TO THESE REQUIREMENTS, INCLUDING SUBSTITUTIONS NOT PROPERLY APPROVED AND AUTHORIZED, MAY BE CONSIDERED DEFECTIVE.

E- INSTALLATION NOTES (MAY NOT APPLY)

1. ALL INSTALLED PLUMBING, MECHANICAL AND ELECTRICAL EQUIPMENT TO OPERATE QUIETLY AND BE FREE OF VIBRATION.

2. UNLESS OTHERWISE NOTED IN MECHANICAL DRAWINGS OR SPECIFICATIONS, HOLD DUCTS AND MECHANICAL EQUIPMENT TIGHT TO STRUCTURE ABOVE.

3. THE CONTRACTOR SHALL NOT LOCATE CEILING DIFFUSERS OR REGISTERS WHERE FULL HEIGHT SHELVING, FILES OR STORAGE UNITS ARE INDICATED ON PLANS. (IF APPLICABLE)

4. ALL CEILING DIFFUSERS AND REGISTERS TO BE THE SAME COLOR AS THE CEILING UNLESS NOTED OTHERWISE. 5. ALL SURFACES TO BE PROPERLY PRIMED OR PREPARED PRIOR TO INSTALLATION OF SPECIFIED FINISHES.

5. PATCH ALL AREAS WHERE THE FLOOR IS NOT LEVEL OR TRUE PRIOR TO THE INSTALLATION OF SPECIFIED FLOOR FINISH(-ES).

6. PROVIDE ALL NECESSARY CUT-OUTS FOR THE INSTALLATION OF ELECTRICAL AND VOICE/DATA OUTLETS, THERMOSTATS, SWITCHES AND OTHER DEVICES.

7. EXTEND ALL FIRE RATED PARTITIONS TO STRUCTURE: FILL ALL VOIDS WITH FIRE SAFING MATERIAL OR FIRE-RATED CAULK, CONTINUOUS AS REQUIRED BY CODE.

8. ALL FIRE EXTINGUISHER CABINETS OR ELECTRICAL PANELS LOCATED IN RATED PARTITIONS TO BE BACKED WITH GYPSUM BOARD AS REQUIRED TO MAINTAIN PARTITION RATING.

9. CONTRACTOR IS RESPONSIBLE FOR FIRESTOPPING ALL NEW AND EXISTING FIRE RATED PARTITIONS AND ALL PENETRATION THROUGH RATED AREAS INCLUDING SLABS. SEAL TO MAINTAIN PROPER RATING.

10. WHERE EXISTING FIREPROOFING HAS BEEN REMOVED AT COLUMNS OR BEAMS, NEW FIREPROOFING TO BE INSTALLED TO COMPLY WITH THE REQUIRED FIRE RATING. CONTRACTOR TO VERIFY IN FIELD.

11. WHERE PIPES, CONDUITS OR LOW TENSION WIRING PENETRATE A FIRE RATED ENCLOSURE, THE SPACE AROUND SHALL NOT EXCEED 1/2" AND SHALL BE PACKED SOLID WITH BATT INSULATION AND FITTED WITH ESCUTCHEON PLATES ON BOTH SIDES OR EQUIVALENT TREATMENT TO INSURE COMPLIANCE WITH FIRE

12. WHERE DUCT OR PART OF DUCT IS RUNNING PARALLEL OVER FIRE RATED PARTITION, EXTEND RATED PARTITION AROUND DUCT TO EFFECT COMPLETE MAINTENANCE OF FIRE-RATING.

CODE SUMMARY

PROP. MEANS OF EGRESS

APPLICABLE CODES	FLORIDA BUILDING CODE 7TH EDITION	ON 2020	7		SHEET IND	EX	
	FLORIDA ACCESSIBILITY CODE 2020) EDITION			ARCHITECTUR	AL	
OCCUPANCY TYPE	B - BUSINESS	FBC 2020 (TABLE 304)		#:	SHEET NAME:	REV #:	DATE:
CONSTRUCTION TYPE	EXISTING BUILDING - TYPE IIB	FBC 2020 (TABLE 602.2)		G000	COVER SHEET		
SPRINKLERED Y/N	N	FBC 2020 (903.2.4)		0100	CODE CHAMADY NOTES INDEV		
FIRE ALARM	YES TO BE DESIGNED BY OTHERS	FBC 2020 (904.2.4)		G100	CODE SUMMARY, NOTES, INDEX		
RISK CATEGORY	IIB	FBC 2020 (TABLE 1604.5)		G200 G300	ADA NOTES RAMP DETAIL		
OCCUPANT LOAD	287 OCCUPANTS	FBC 2020 (TABLE 1004.5)		A100	LIFESAFETY 1ST FLOOR		
OCCOTATO ECAD	207 00001 /11110	100 2020 (TABLE 1004.0)		A101	LIFESAFETY 2ND FLOOR		
DUU DING DATA.			\rightarrow	A102	DEMO PLAN 1ST FLOOR		
BUILDING DATA: GROSS AREA:	12,910 SF	FBC 2020 (TABLE 506.2)	-{	A103	DEMO PLAN 2ND FLOOR		
GRUSS AREA.	12,010 31	1 DO 2020 (TABLE 300.2)		A104	NEW FLOOR PLAN 1ST FLOOR		
MEANS OF EGRESS:				A105	NEW FLOOR PLAN 2ND FLOOR		
MAX TRAVEL DISTANCE	200'-0"	FBC 2020 (TABLE 1017.2)		A106	DOOR SCHEDULE		
PROPOSED TRAVEL DIST.	80'-4"	,	\	A201	RCP 1ST FLOOR		
MAX. COMMON PATH OF TRAVEL	75'-0"	FBC 2020 (TABLE 1006.2.1)		A301 A401	RCP 2ND FLOOR ELEVATIONS		
PROPOSED COMMON PATH:	N/A		1	A501	SUSPENDED CEILING		
MAX. DEAD-END CORR.:	20'-0"	FBC 2020 (1020.4)	\	A601	UL 305 SHEETS		
PROPOSED DEAD-END CORR.:	24'-9"					A A A	
					PLUMBING FIXTURE CALCUL		IFSS
REQUIRED # OF EXITS	2	FBC 2020 (1006.2.1, 1007.1.1)		APPLICAI	BLE CODES FL	ORIDA PLUMBING CC	
PROPOSED # OF EXITS	8			TOTAL O	CCUPANT B).	
REQUIRED EGRESS WIDTH	.2(287) =57.4"	FBC 2020 (1005.3.2)		LOAD			
MIN. MEANS OF EGRESS WIDTH	32"	FBC 2020 (1010.1.1)		REOLUE	RED WATER CLOSETS		
5505 NEWS 05 50500			\dashv	ILAANI	NED WATEN OLUGEIO		

FBC 2020 (1008, 1013,

APPLICABLE CODES	FLORIDA FIRE PREVENTION CODE 7TH	EDITION 2020, NFPA 101				
	NFPA 101		REQUIRED LAVATO	JKIES	1	
OCCUPANCY TYPE	B-BUSINESS	NFPA (CHAPTER 40)	В			1 PER 25 FOR THE FIRST 50 PER 50 FOR THE REMAINDER
BUILDING REHABILITATION	TENANT IMPROVEMENT	NFPA 101 (43.1)				EXCEEDING 50
CONSTRUCTION TYPE	TYPE IIB	NFPA 101 (TABLE	TOTAL REQUIRED	: 4	4	
		A.8.2.1.2)	PROVIDED	: 4	4	
SPRINKLERED Y/N	N		MOP SINK PROVIDED:	1		1 REQUIRED.
FIRE ALARM Y/N	YES TO BE DESIGNED BY OTHERS		DRINKING FOUNTAIN	1		1 PER 400, HI-LOW REQUIRE
OCCUPANT LOAD	287	NFPA 101 (7.3.1.2)	PROVIDED			FPC 2020 (410.3)
			NOTES:	'		
GROSS BUILDING AREA						THAN 67% OF REQUIRED WATER
GROSS AREA	12,910 SF		CLOSETS PER FPC 202	•		
	I	I		FOUNT	AIN WITH	TWO SEPARATE SPOUTS THAT

7) 34" (1) 68"

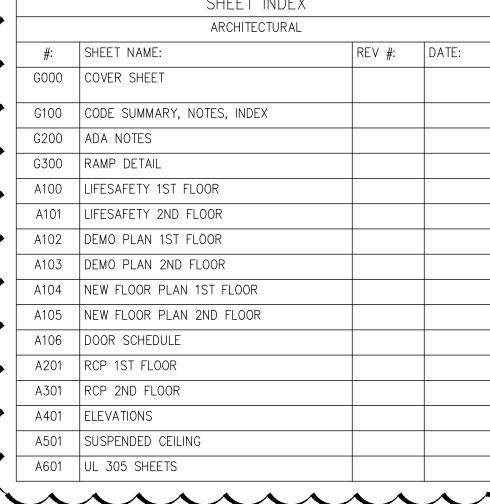
EXIT SIGNS TO BE READILY VISIBLE FROM ALL POINTS OF EGRESS

EXIT DOOR TACTILE SIGNAGE AT ALL EXITS REQUIRING AN EXIT SIGN

PATH INDICATED DIRECTION OF EGRESS TRAVEL

GROSS AREA	12,910 SF	
MEANS OF EGRESS		
REQUIRED # OF EXITS	2	NFPA 101 (7.4.1.1, 40.2.4.1)
PROPOSED # OF EXITS	8	
MAX TRAVEL DISTANCE	200'-0"	NFPA 101 (39.2.6.3)
PROPOSED TRAVEL DIST.	80'-4"	
MAX COMMON PATH TRAV.	75'-0"	NFPA 101 (39.2.5.3.1)
PROPOSED COMMON PATH	24'-9"	
DEAD-END CORRIDOR MAX	20'-0"	NFPA 101 (39.2.5.2)
PROPOSED DEAD-END COR.	N/A	
REQUIRED EGRESS WIDTH	.2 (287) = 57.4"	NFPA 101 (TABLE 7.3.3
PROPOSED EGRESS WIDTH	34"	
MIN. MEANS OF EGRESS WIDTH	28"	NFPA 101 (7.3.4.1.2)
PROP. MEANS OF EGRESS WIDTH	(7) 34" (1) 68"	
EXIT SIGNS TO BE READILY N PATH INDICATED DIRECTION (//SIBLE FROM ALL POINTS OF EGRESS DF EGRESS TRAVEL	NFPA 101 (7.8)
FXIT DOOR TACTILE SIGNAGE	AT ALL EXITS REQUIRING AN EXIT SIGN	NFPA 101 (7.10.1.3)

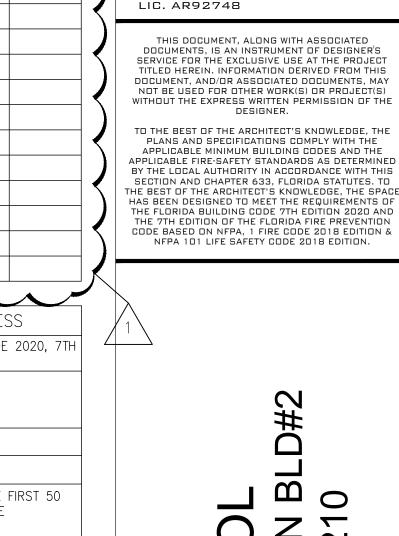
	SHEET INDEX		
	ARCHITECTURAL		
#:	SHEET NAME:	REV #:	DATE
G000	COVER SHEET		
G100	CODE SUMMARY, NOTES, INDEX		
G200	ADA NOTES		
G300	RAMP DETAIL		
A100	LIFESAFETY 1ST FLOOR		
A101	LIFESAFETY 2ND FLOOR		
A102	DEMO PLAN 1ST FLOOR		
A103	DEMO PLAN 2ND FLOOR		
A104	NEW FLOOR PLAN 1ST FLOOR		
A105	NEW FLOOR PLAN 2ND FLOOR		
A106	DOOR SCHEDULE		
A201	RCP 1ST FLOOR		
A301	RCP 2ND FLOOR		
A401	ELEVATIONS		
A501	SUSPENDED CEILING		
A601	UL 305 SHEETS		



MEN:

TOTAL REQUIRED: | 4

PROVIDED: 4



ARCHITECTURE-INC

E: JOHN@JAAARCHITECTURE.COM

JAA ARCHITECTURE INC.

JACKSONVILLE FL. 32204

2063 OAK ST

P: (904) 379-5108

287(1 PER 25 FOR THE FIRST 50 AND 1 PER 50 FOR THE REMAINDER) 1 PER 25 FOR THE FIRST 50 AND PER 50 FOR THE REMAINDER EXCEEDING 50 REQUIRED. 1 PER 400, HI-LOW REQUIRED PER FPC 2020 (410.3) . URINALS DO NOT SUBSTITUTE MORE THAN 67% OF REQUIRED WATER

SCOPE OF WORK

SEPARATE DRINKING FOUNTAINS (FPC 2020 410.3).

<u>ARCHITECTURE</u>

NEW INSTALLATION OF REQUIRED EGRESS FIXTURES.

COMPLIES WITH THE REQUIREMENTS FOR PEOPLE WHO USE A WHEELCHAIR

3. 403.2(3) SEPERATE FACILITIES SHALL NOT BE REQUIRED IN BUSINESS

OCCUPANCIES IN WHICH THE MAXUMUM OCCUPANT LOAD IS 25 OR FEWER.

AND STANDING PERSONS SHALL BE PERMITTED TO BE SUBSTITUTED FOR TWO

- NEW TENANT CODE REVIEW AND LIFE SAFETY.
- NEW EGRESS STAIRS TO BE INSTALLED NEW INSTALLATION OF PLATFORM LIFT.
- NEW INSTALLATION OF ENCLOSED STAIRCASE. INSTALL NEW WALLS FOR NEW TRAINING ROOMS.
- INSTALL NEW DOORS.

ELECTRICAL

• INSTALLATION OF NEW LIGHT FIXTURES INSTALLATION OF REQUIRED EGRESS FIXTURES

<u>MECHANICAL</u>

NO WORK TO BE DONE.

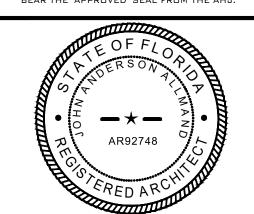
<u>PLUMBING</u>

NO WORK TO BE DONE.

		REVISIONS
#	DATE	DESCRIPTION
1	3.7.2024	OWNER REVISIONS
2		
3		
4		
5		
6		
7		
	ı	I

1

THIS ITEM HAS BEEN DIGITALLY SEALED BY JOHN ALLMAND, ARCHITECT, ON 3.7.2024 USING A DIGITAL SIGNATURE. PRINTED COPIES OF THIS DOCUMENT ARE OT CONSIDERED SIGNED AND SEALED AND SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES. AHJ BEAR THE "APPROVED" SEAL FROM THE AHJ.



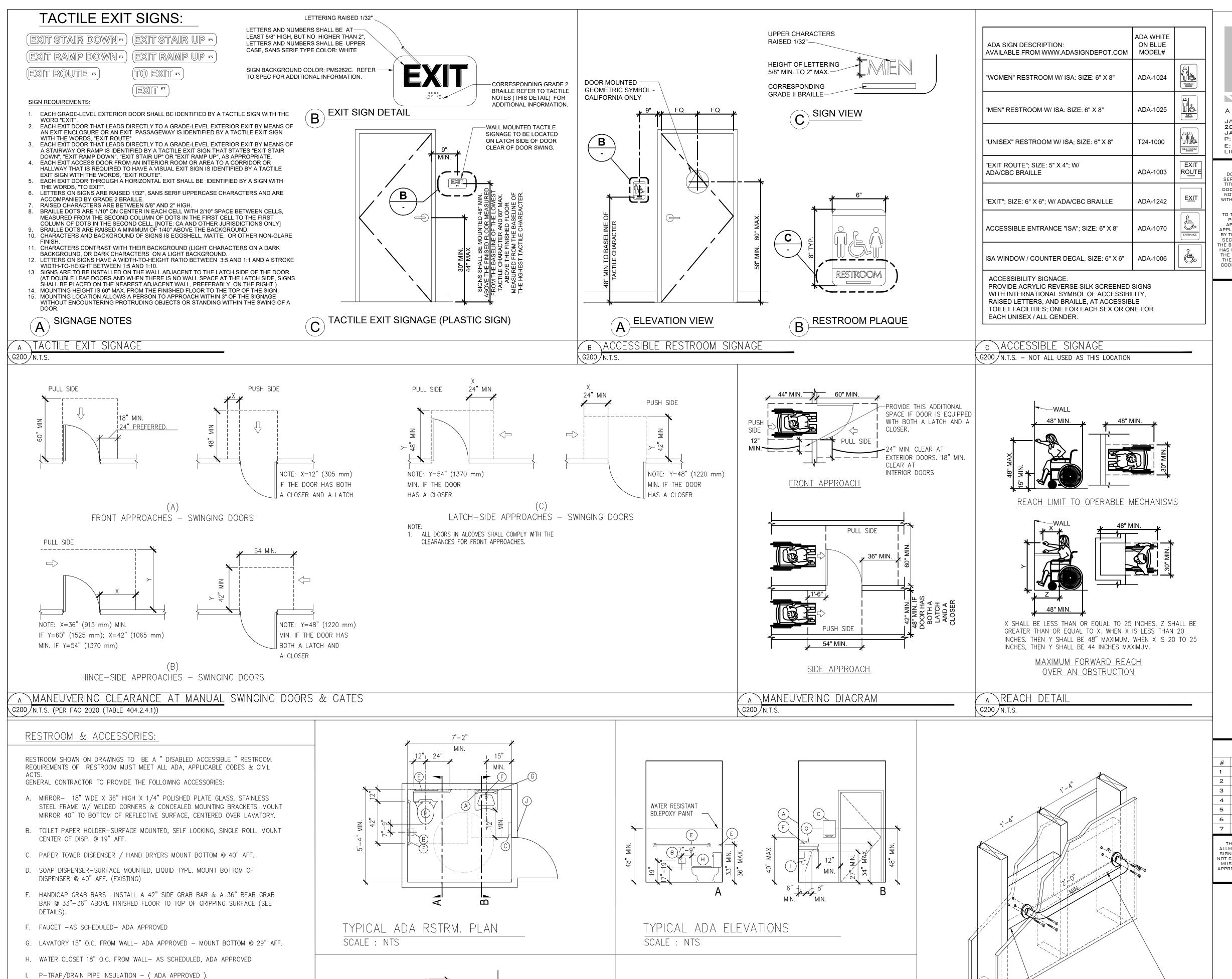
DATE:

PRJCT #:

SHEET

12.19.2023

23-455.00



J. DOOR SIGN- PROVIDE SIGN DESIGNATING RESTROOM AS "MEN/WOMEN" OR

30"X48" MIN. CLEAR FLOOR SPACE AT ALL SINKS, DRYERS, AND PAPER TOWEL

<u>& 60"X56" CLEAR FLOOR SPACE FOR WALL MOUNTED WATER CLOSETS.**</u>

**ALL DETAILS ARE TYPICAL. FIXTURES MAY VARY BUT MUST BE ADA APPROVED. PROVIDE

DISPENSERS. PROVIDE 60"X54" CLEAR FLOOR SPACE FOR FLOOR MOUNTED WATER CLOSETS

1. PROVIDE CANE DETECTION WHEN REQUIRED.

SCALE : NTS

TYPICAL ADA FOUNTAIN DETAIL

"UNISEX" & HANDICAP ACCESSIBLE".

K. WALL MOUNTED TRASH CAN - BRADLEY #355, OR SIM.

ARCHITECTURE-INC

JAA ARCHITECTURE INC. 2063 OAK ST

JACKSONVILLE FL. 32204 P: (904) 379-5108 E: JOHN@JAAARCHITECTURE.COM LIC. AR92748

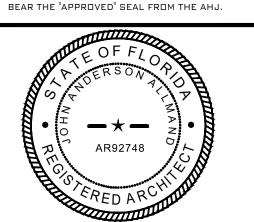
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THE 7TH EDITION OF THE FLORIDA FIRE PREVENTION NFPA 101 LIFE SAFETY CODE 2018 EDITION

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PERMIT

HORIZONTAL 2X FIRE-RETARDANT

TYP. GRAB BAR BLOCKING DETAIL

SCALE: NTS

TO USE 16 GA GALV STL STRAPPING

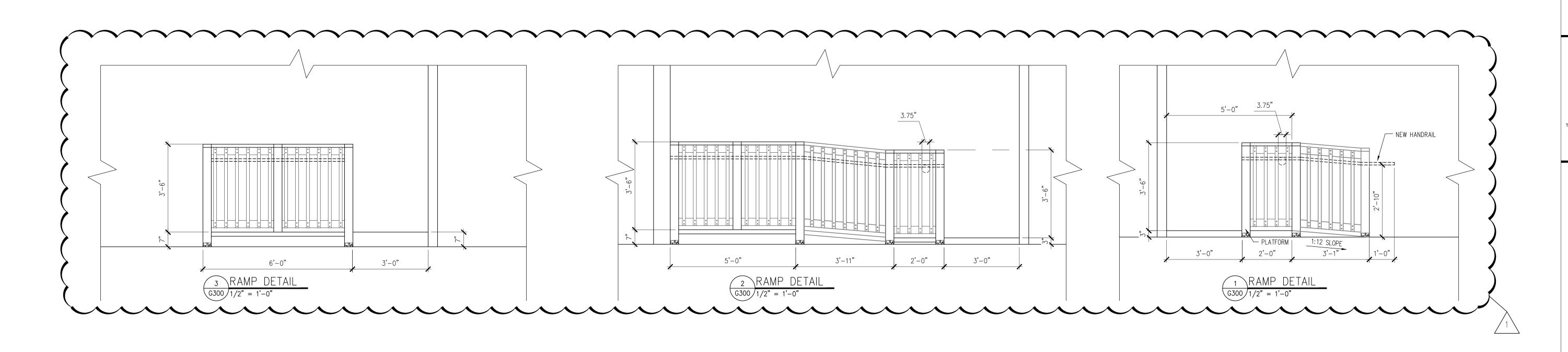
SOLID WOOD BLOCKING CONTRACTOR'S OPTION

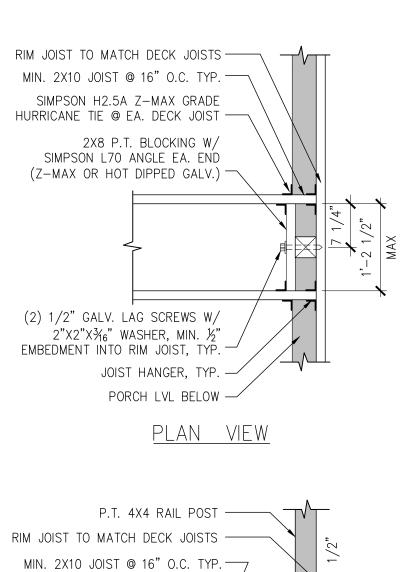
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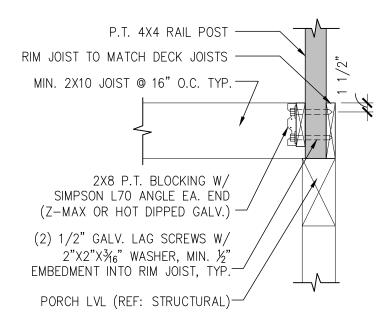
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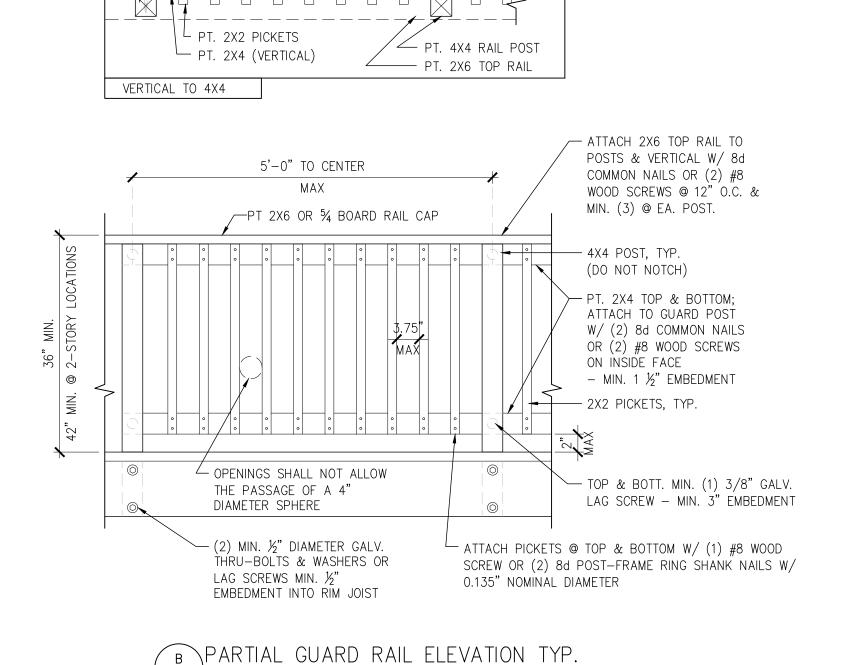






A GUARD RAIL POST CONNECTION, TYP.

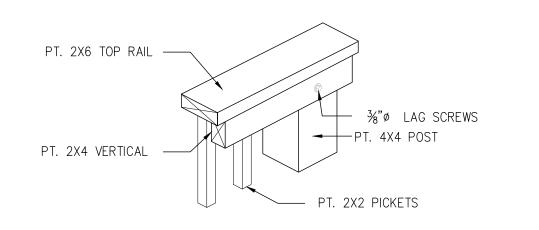
3/4" = 1'-0"

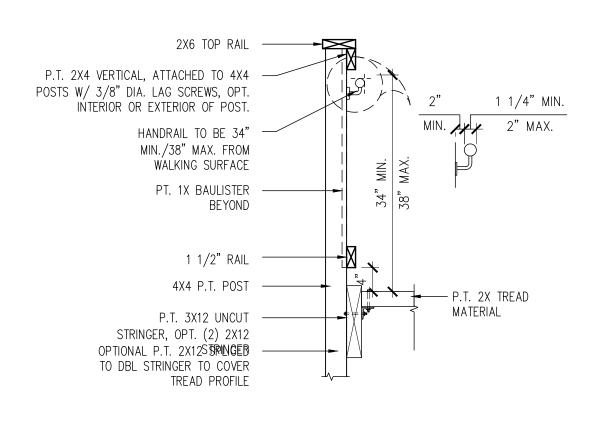


PT. 4X4 RAIL POST

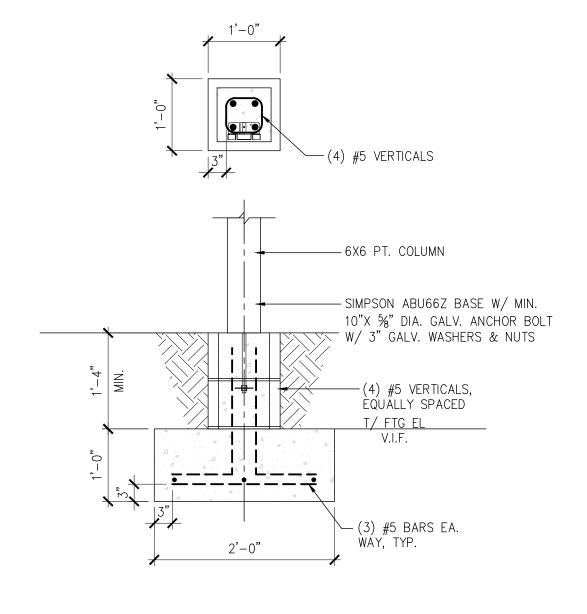
3/8" ø LAG SCREW -

MIN. 3" EMBEDMENT





C | HAND | RAIL | DETAIL | TYP. 3/4" = 1'-0"



E GUARD RAIL POST CONNECTION, TYP.



A R C H I T E C T U R E - I N C

JAA ARCHITECTURE INC.
2063 OAK ST

JACKSONVILLE FL. 32204
P: (904) 379-5108

E: JOHN@JAAARCHITECTURE.COM LIC. AR92748

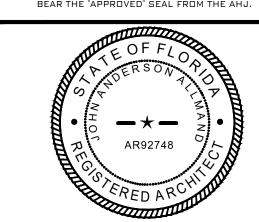
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CHANGE OF USE MARITIME SCHOOL 787 OLD MIDDLEBURG RD N BLD JACKSONVILLE, FL 32210

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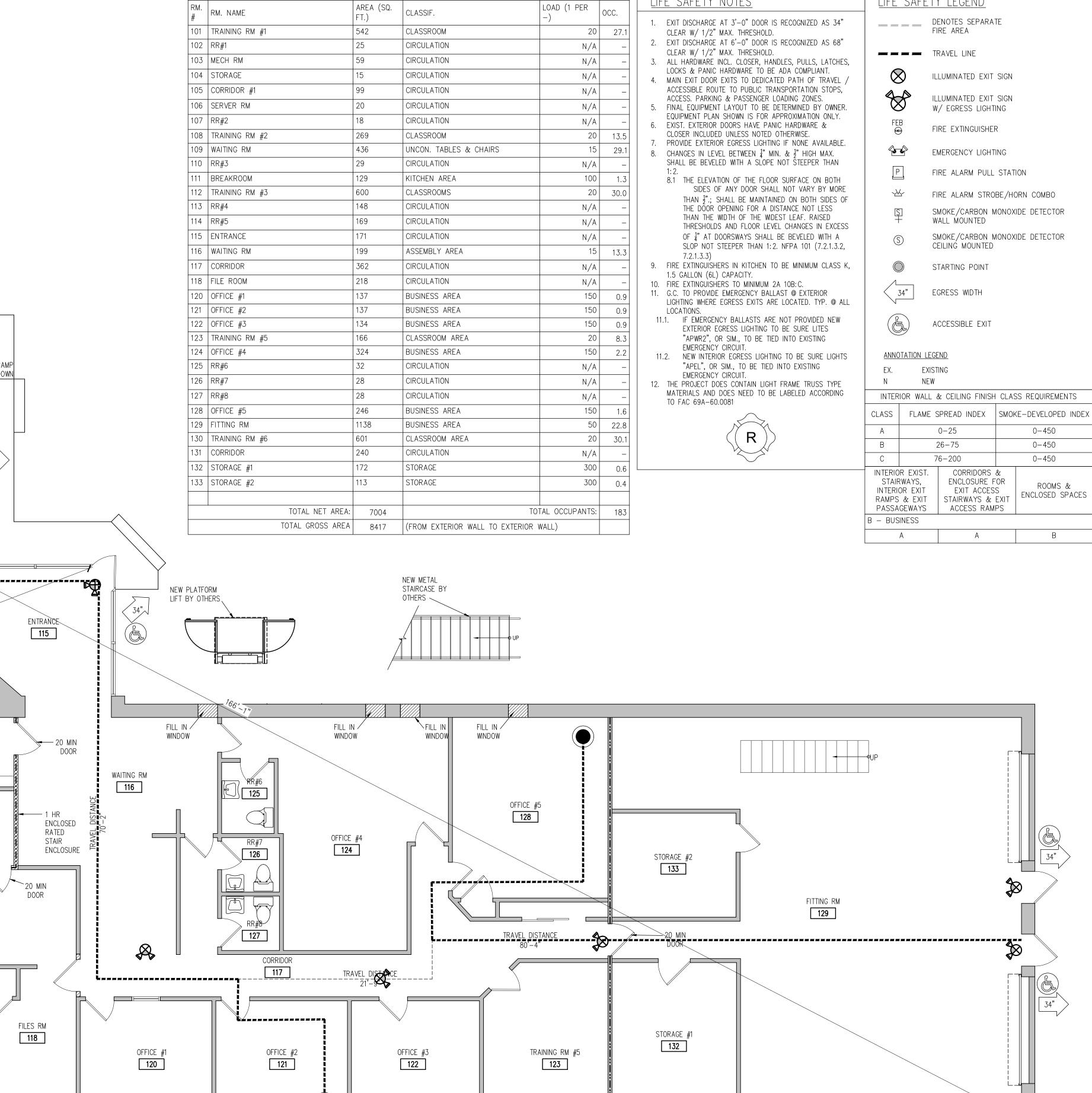
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OCCUPANCY SCHEDULE - FIRE AREA 1ST FLOOR (BUSINESS) (NFPA 101 (7.3.1.2))

AREA (SQ.

LIFE SAFETY LEGEND

LIFE SAFETY NOTES

	INTERIOR EXIST. STAIRWAYS, INTERIOR EXIT RAMPS & EXIT PASSAGEWAYS	CORRIDORS & ENCLOSURE FOR EXIT ACCESS STAIRWAYS & EXIT ACCESS RAMPS	ROOMS & ENCLOSED SPACES
	B - BUSINESS		
А		А	В

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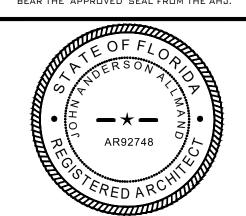
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PARTITION LEGEND EXISTING WALL NEW PARTITION NEW 1 HR. RATED PARTITION

1 1ST FLOOR PLAN - LIFESAFETY - BUILDING #2

TRAINING RM#1

101

TRAVEL DISTANCE

CORRIDOR # 105

SERVER RM

106

107

JRAVEL DISTANCE

67'-9"
NEW RATED

20 MIN DOOR

TRAVEL DISTANCE

DOOR

1 HR ENCLOSED

RATED STAIR **ENCLOSURE**

20 MIN DOOR

TRAINING RM#3

112

STORAGE

104

FILL IN / DOOR

NEW METAL

STAIRCASE BY OTHERS ____

103

RR#5

TRAINING RM#2

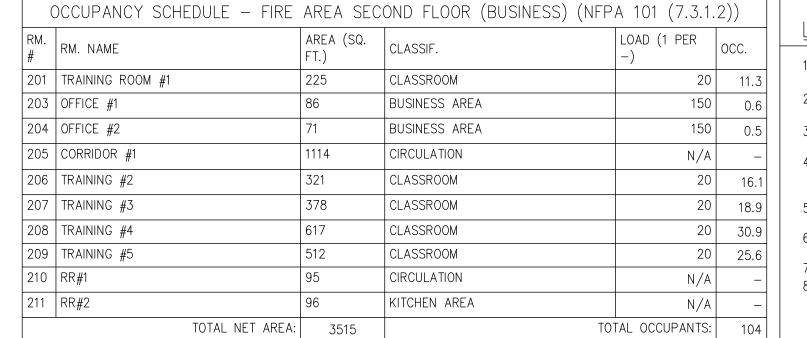
108

131

Harminimimimimimimimimimimimimi

TRAINING RM#6

130



4493 (FROM EXTERIOR WALL TO EXTERIOR WALL)

TOTAL GROSS AREA

TRAINING RM #4 **208** 617 SF

LIFE SAFETY NOTES

- 1. EXIT DISCHARGE AT 3'-0" DOOR IS RECOGNIZED AS 34" CLEAR W/ 1/2" MAX. THRESHOLD.
- 2. EXIT DISCHARGE AT 6'-0" DOOR IS RECOGNIZED AS 68" CLEAR W/ 1/2" MAX. THRESHOLD.
- 3. ALL HARDWARE INCL. CLOSER, HANDLES, PULLS, LATCHES, LOCKS & PANIC HARDWARE TO BE ADA COMPLIANT. MAIN EXIT DOOR EXITS TO DEDICATED PATH OF TRAVEL /
- ACCESSIBLE ROUTE TO PUBLIC TRANSPORTATION STOPS, ACCESS. PARKING & PASSENGER LOADING ZONES. 5. FINAL EQUIPMENT LAYOUT TO BE DETERMINED BY OWNER. EQUIPMENT PLAN SHOWN IS FOR APPROXIMATION ONLY.
- 6. EXIST. EXTERIOR DOORS HAVE PANIC HARDWARE &
- CLOSER INCLUDED UNLESS NOTED OTHERWISE. PROVIDE EXTERIOR EGRESS LIGHTING IF NONE AVAILABLE. 8. CHANGES IN LEVEL BETWEEN $\frac{1}{4}$ " MIN. & $\frac{1}{2}$ " HIGH MAX. SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN
- 8.1 THE ELEVATION OF THE FLOOR SURFACE ON BOTH SIDES OF ANY DOOR SHALL NOT VARY BY MORE THAN $\frac{1}{2}$.; SHALL BE MAINTAINED ON BOTH SIDES OF THE DOOR OPENING FOR A DISTANCE NOT LESS THAN THE WIDTH OF THE WIDEST LEAF. RAISED THRESHOLDS AND FLOOR LEVEL CHANGES IN EXCESS OF $\frac{1}{4}$ " AT DOORSWAYS SHALL BE BEVELED WITH A SLOP NOT STEEPER THAN 1:2. NFPA 101 (7.2.1.3.2,
- 9. FIRE EXTINGUISHERS IN KITCHEN TO BE MINIMUM CLASS K,
- 1.5 GALLON (6L) CAPACITY. 10. FIRE EXTINGUISHERS TO MINIMUM 2A 10B: C. 11. G.C. TO PROVIDE EMERGENCY BALLAST @ EXTERIOR LIGHTING WHERE EGRESS EXITS ARE LOCATED. TYP. @ ALL
- 11.1. IF EMERGENCY BALLASTS ARE NOT PROVIDED NEW EXTERIOR EGRESS LIGHTING TO BE SURE LITES "APWR2", OR SIM., TO BE TIED INTO EXISTING EMERGENCY CIRCUIT. 11.2. NEW INTERIOR EGRESS LIGHTING TO BE SURE LIGHTS
- EMERGENCY CIRCUIT. 12. THE PROJECT DOES CONTAIN LIGHT FRAME TRUSS TYPE MATERIALS AND DOES NEED TO BE LABELED ACCORDING TO FAC 69A-60.0081

"APEL". OR SIM., TO BE TIED INTO EXISTING

LIFE SAFETY LEGEND

_____ DENOTES SEPARATE FIRE AREA

TRAVEL LINE ILLUMINATED EXIT SIGN



ILLUMINATED EXIT SIGN W/ EGRESS LIGHTING

FIRE EXTINGUISHER

EMERGENCY LIGHTING FIRE ALARM PULL STATION

FIRE ALARM STROBE/HORN COMBO SMOKE/CARBON MONOXIDE DETECTOR WALL MOUNTED

SMOKE/CARBON MONOXIDE DETECTOR CEILING MOUNTED

STARTING POINT

EGRESS WIDTH





ANNOTATION LEGEND

EXISTING NEW

CLASS	FLAME S	SPREAD INDEX	SMOk	KE-DEVELOPED I
А		0-25		0-450
В	2	26-75		0-450
С	7	6-200		0-450
INTERIOR EXIST.		CORRIDORS ENCLOSURE E		

C	76-200			0-450
STAIR INTERIO RAMPS	R EXIST. RWAYS, DR EXIT & EXIT GEWAYS	CORRIDORS ENCLOSURE F EXIT ACCESS STAIRWAYS & ACCESS RAM	OR S EXIT	ROOMS & ENCLOSED SPACES
B – BUS	INESS			
	A	А		В

ARCHITECTURE-INC JAA ARCHITECTURE INC. 2063 OAK ST

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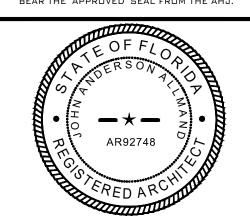
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1 2ND FLOOR PLAN - LIFESAFETY - BUILDING #2

OPEN TO BELOW

TRAVEL DISTANCE

TRAINING RM #1

201 225 SF

ATTIC SPACE

Ø------

OFFICE #2

204

OFFICE #1

203

CORRIDOR 205

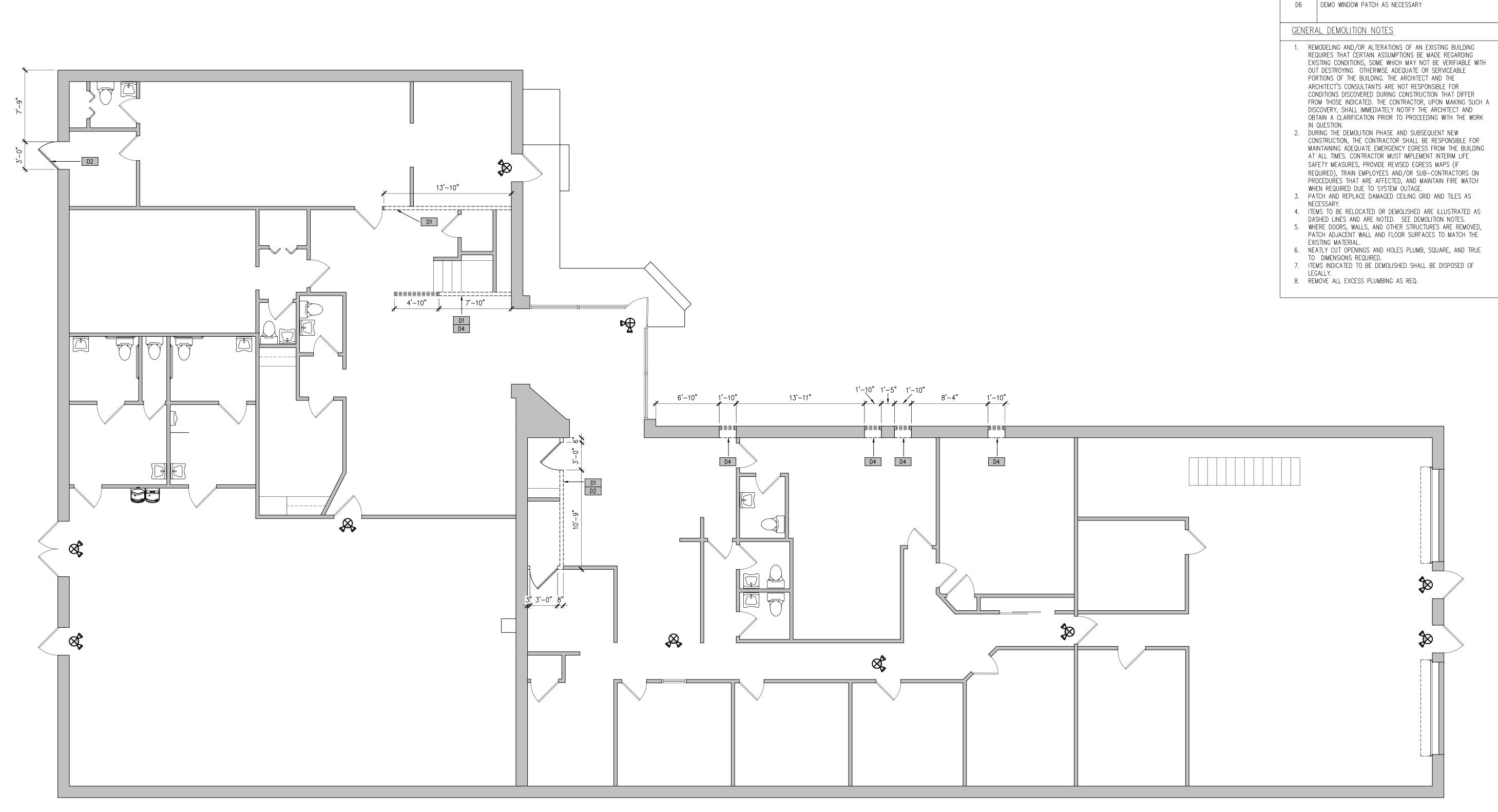
TRAINING #2

206

321 SF

PARTITION LEGEND []] EXISTING WALL NEW PARTITION PERMIT NEW 1 HR. RATED PARTITION

INTERIOR WALL & CEILING FINISH CLASS REQUIREMENTS **207** 378 SF OPEN TO BELOW TRAVEL DISTANCE 54'-10" **209** 512 SF



1 1ST FLOOR PLAN - DEMO - BUILDING #2

A102 / 3/16" = 1'-0"

DEMOLISH EXISTING WALLS AND PATCH AS NECESSARY DEMOLISH EXISTING DOOR AND PATCH AS NECESSARY DEMOLISH EXISTING PLUMBING FIXTURES AND RELOCATE WATER, PLUMBING AND SANITARY LINES AS PER NEW LAYOUT PATCH AND INFILL CONCRETE AND/OR WALL AS WHERE REQUIRED. ARCHITECTURE-INC JAA ARCHITECTURE INC. 2063 OAK ST JACKSONVILLE FL. 32204 P: (904) 379-5108 E: JOHN@JAAARCHITECTURE.COM LIC. AR92748 DEMO WALL. STRUCTURAL TO PROVIDE HEADER

<u>KEYNOTE LEGEND</u>

D4 DEMO WINDOW A PATCH AS NECESSARY

PARTITION LEGEND

NEW 1 HR. RATED PARTITION

EXISTING WALL

NEW PARTITION

DEMOLITION:

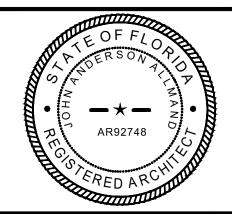
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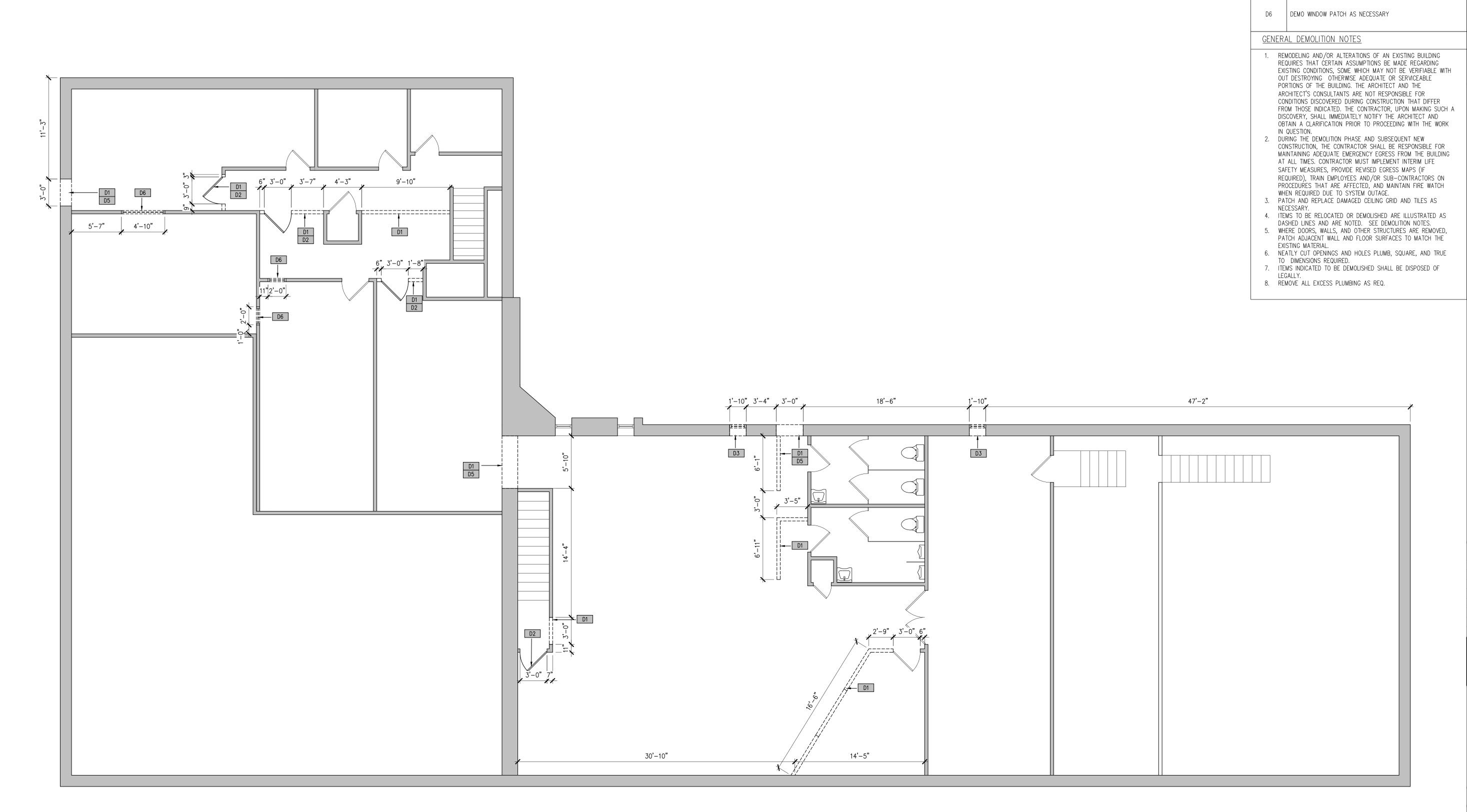
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1 2ND FLOOR PLAN -DEMO - BUILDING #2

DEMOLISH EXISTING WALLS AND PATCH AS NECESSARY DEMOLISH EXISTING DOOR AND PATCH AS NECESSARY DEMOLISH EXISTING PLUMBING FIXTURES AND RELOCATE WATER, PLUMBING AND SANITARY LINES AS PER NEW LAYOUT PATCH AND INFILL CONCRETE AND/OR WALL AS WHERE REQUIRED. ARCHITECTURE-INC JAA ARCHITECTURE INC. 2063 OAK ST JACKSONVILLE FL. 32204 P: (904) 379-5108 E: JOHN@JAAARCHITECTURE.COM LIC. AR92748

<u>KEYNOTE LEGEND</u>

D4 DEMO WINDOW A PATCH AS NECESSARY

DEMO WALL. STRUCTURAL TO PROVIDE HEADER

DEMOLITION:

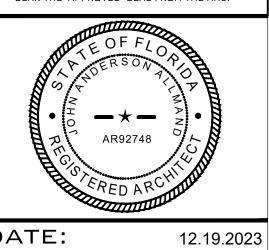
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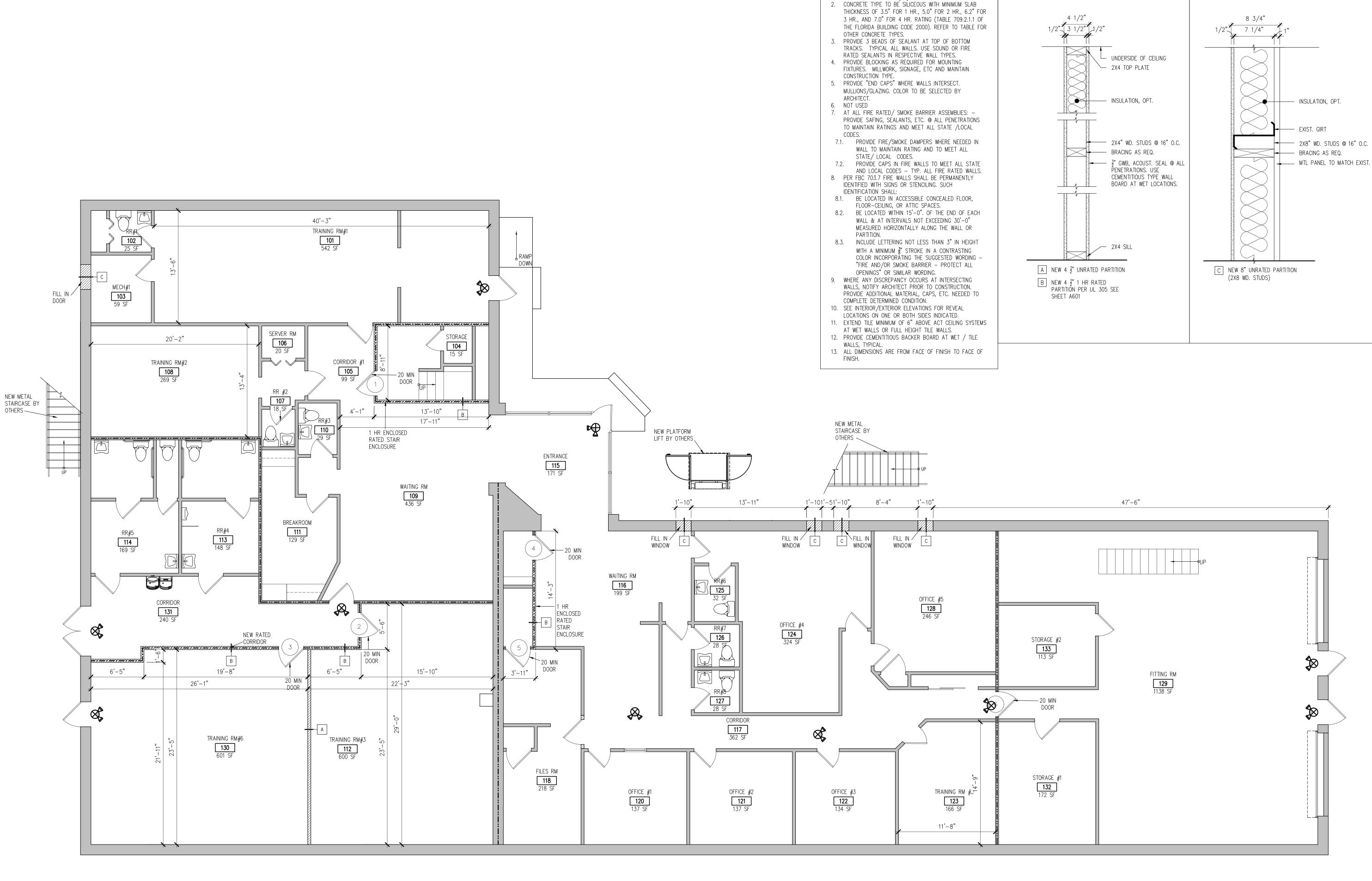


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PARTITION LEGEND EXISTING WALL NEW PARTITION PERMIT NEW 1 HR. RATED PARTITION



PARTITION SCHEDULE

WALL TYPE NOTES

1. ALL WALLS ARE TYPE [1a] UNLESS NOTED OTHERWISE.

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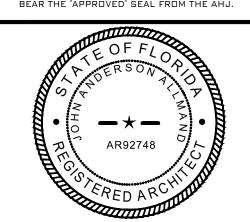
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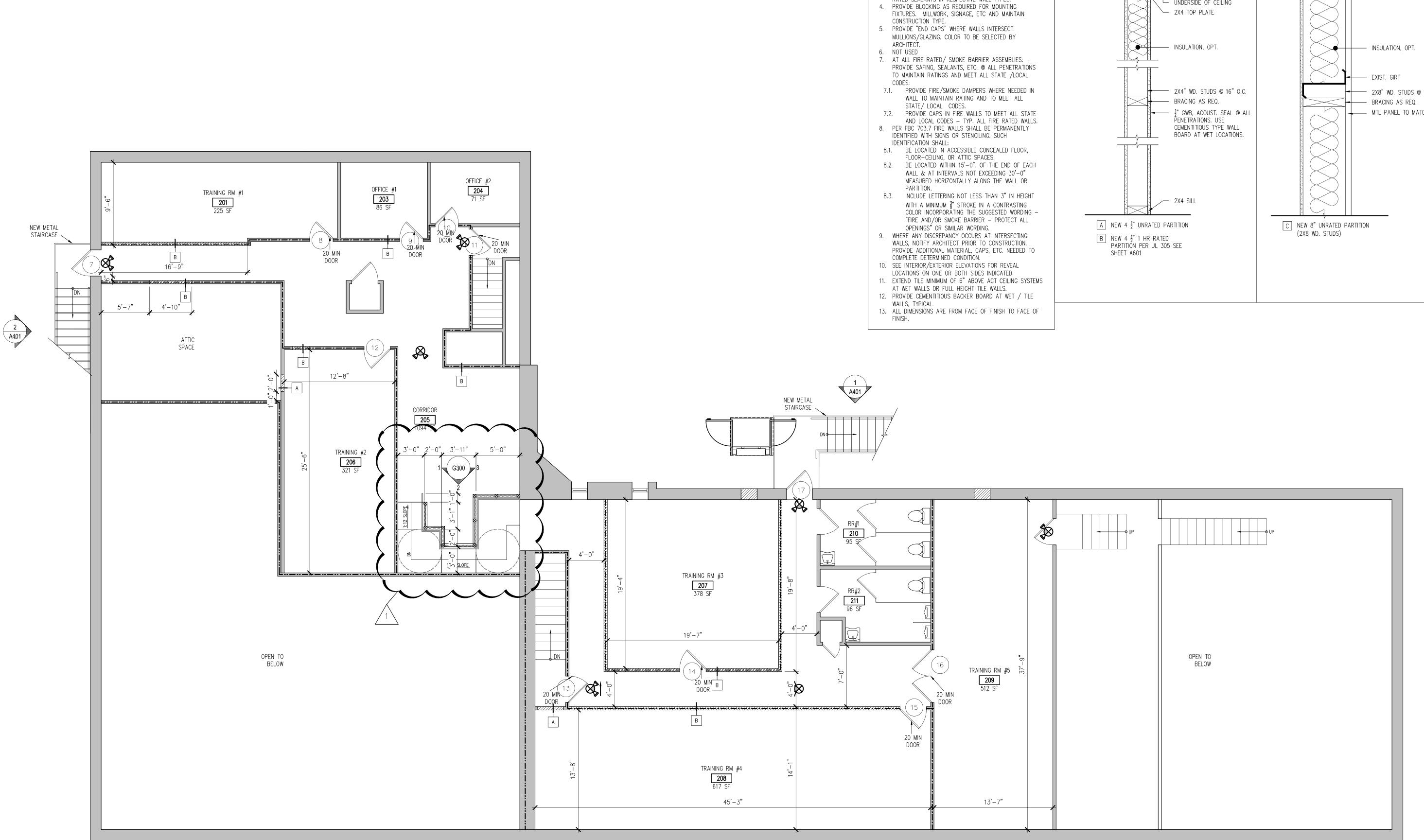
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PARTITION LEGEND EXISTING WALL NEW PARTITION PERMIT NEW 1 HR. RATED PARTITION



PARTITION SCHEDULE WALL TYPE NOTES 1. ALL WALLS ARE TYPE [1a] UNLESS NOTED OTHERWISE. 2. CONCRETE TYPE TO BE SILICEOUS WITH MINIMUM SLAB THICKNESS OF 3.5" FOR 1 HR., 5.0" FOR 2 HR., 6.2" FOR 3 HR., AND 7.0" FOR 4 HR. RATING (TABLE 709.2.1.1 OF THE FLORIDA BUILDING CODE 2000). REFER TO TABLE FOR OTHER CONCRETE TYPES. PROVIDE 3 BEADS OF SEALANT AT TOP OF BOTTOM TRACKS. TYPICAL ALL WALLS. USE SOUND OR FIRE RATED SEALANTS IN RESPECTIVE WALL TYPES. UNDERSIDE OF CEILING - 2X8" WD. STUDS @ 16" O.C. ____ MTL PANEL TO MATCH EXIST.

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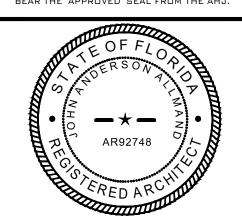
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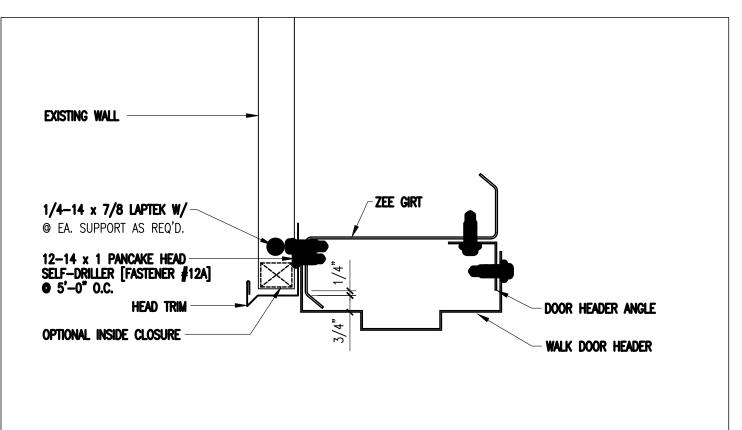
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PRJCT #: 23-455.00

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PARTITION LEGEND	
DEMO	C=========
EXISTING WALL	
NEW PARTITION	
NEW 1 HR. RATED PARTITION	-

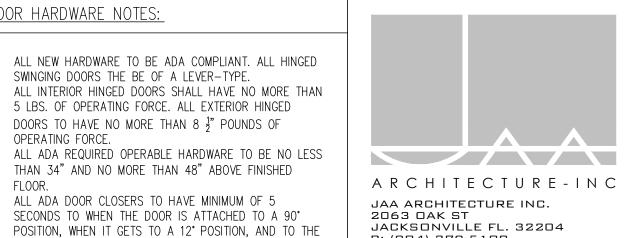


WATERPROOF DETAIL
A106 NTS



3068 INTERIOR HOLLOW

CORE DOOR



OPERATING FORCE.

TO A CLOSED POSITION.

ARCHITECT'S PERMISSION.

ARCHITECT'S PERMISSION.

EDITION 2020 (2406.4).

FLUSH GLAZE

FABRICATION.

DOOR.

C

6068 INTERIOR HOLLOW

CORE DOOR

3070 EXTERIOR HOLLOW

METAL DOOR

ALL ADA DOOR AND GATE SPRING HINGES TO HAVE A

QUANTITIES OF HARDWARE TO BE USED TO BE

DETERMINED BY GENERAL CONTRACTOR.

1" INSULATED GLASS @ EXTERIOR GLAZING.

MINIMUM OF 1 ½" SECONDS FROM OPEN POSITION OF 70°

HARDWARE MAY BE SUBSTITUTED WITH SIM. W/ OWNER /

DOOR TYPE MAY BE SUBSTITUTED WITH SIM. W/ OWNER /

ALL STOREFRONT FRAMES TO BE 2"x4 1/2 "CENTER SET

1/4" MONOLITHIC GLASS WHERE CODE REQUIRES PER

TEMPERED GLASS WHERE CODE REQUIRES PER FBC 6TH

PROVIDE KNOB TYPE HARDWARE @ INTERIOR SIDE OF

MANUFACTURER TO FIELD VERIFY ALL OPENINGS PRIOR TO

FLOOR.

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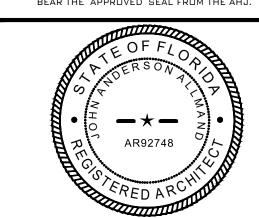
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THE 7TH EDITION OF THE FLORIDA FIRE PREVENTION CODE BASED ON NFPA, 1 FIRE CODE 2018 EDITION & NFPA 101 LIFE SAFETY CODE 2018 EDITION.

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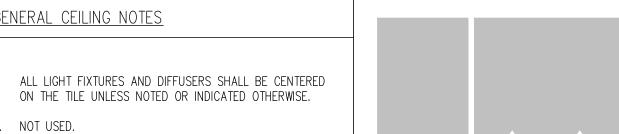
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12.19.2023

				LUMINARI	E SCHEDULE						0.5	MEDAL OFFILING MOTES
SYMBOL	MARK	DESCRIPTION	MANUFACTURER		MODEL #	INPUT	DATA	LAM	P INFORMATION	COMMENTS	GE	<u>NERAL CEILING NOTES</u>
SIMBUL	MARK	DESCRIP HON	MANOFACTORER		WODEL #	VOLTS	WATTS	QTY.	DESCRIPTION			
	А	LED HIGH BAY	COOPER	LHB						SUSPENDED	1.	ALL LIGHT FIXTURES AND DIFFUSERS SHALL BE CENTE ON THE TILE UNLESS NOTED OR INDICATED OTHERWISE
	В	LINEAR LED WRAP	COOPER	WPLD								NOT USED. REF. PLANS FOR ALL CEILING HEIGHTS.
	С	24" x 24" LED RECESSED/SUSPENDED	COOPER	22FP								ALL GYPSUM BOARD SOFFITS SHALL HAVE 5/8" REVE EDGE AT ADJACENT PARTITIONS EXCEPT WHERE REQUI
\bigotimes		LED EXIT SIGN	LITHONIA	LQM							5.	TO BE FIRE TREATED. CONTRACTOR TO COORDINATE LOCATION OF PLUMBING
		LED EXIT SIGN W/ STROBE	LITHONIA	LHQM								AND MECHANICAL VALVES. TRANSFORMERS AND ASSOCIATIONS ABOVE—CEILING COMPONENTS WITH LOCATIONS OF CEILING CCESS PANELS IN GYPSUM BOADS
		EMERGENCY WALL LIGHT	LITHONIA	ELM2							6.	AREAS. ALIGN ALL SOFFITS WITH ADJACENT WALL SURFACE AS INDICATED ON THE DRAWING.
		EXHAUST FAN									7.	PATCH AND REPLACE DAMAGED ACOUSTICAL CEILING TILES AND CEILING GRID. ACOUSTICAL
8		SPRINKLER HEAD									8.	CEILING TILES TO BE SELECTED BY CONTRACTOR ANY MECHANICAL, ELECTRICAL & PLUMBING



ARCHITECTURE-INC JAA ARCHITECTURE INC.

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9. ALL MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION SYSTEMS SHALL BE MODIFIED IN ACCORDANCE WITH NATIONAL, STATE AND LOCAL

ALL GYPSUM BOARD SOFFITS SHALL HAVE 5/8" REVEAL EDGE AT ADJACENT PARTITIONS EXCEPT WHÉRE REQUIRED

INFORMATION INDICATED ON THE ARCHITECTURAL PLANS IS SHOWN SOLELY FOR THE PURPOSE OF COORDINATION OF THE ARCHITECTS WORK.

AND MECHANICAL VALVES. TRANSFORMERS AND ASSOCIATIONS ABOVE—CEILING COMPONENTS WITH LOCATIONS OF CEILING CCESS PANELS IN GYPSUM BOARD

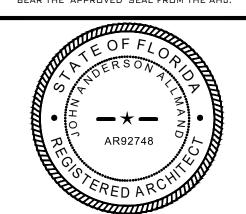
- 10. ALL SYSTEMS SHALL COMPLY AND BE REVIEWED BY THE BUILDING OWNER. DESIGN SHALL BE IN ACCORDANCE WITH THE LATEST DESIGN CRITERIA
- 11. CONTRACTOR TO HOLD DUCT AND MECHANICAL EQUIPMENT TIGHT TO STRUCTURE.
- BALLAST IN LIGHT FIXTURES AS REQUIRED TO MEET CODE REQUIREMENTS FOR EMERGENCY LIGHTING.
- OWNER/ARCHITECT PERMISSION.

THE BEST OF THE ARCHITECT'S KNOWLEDGE, THE SPACE HAS BEEN DESIGNED TO MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 7TH EDITION 2020 AND THE 7TH EDITION OF THE FLORIDA FIRE PREVENTION CODE BASED ON NFPA, 1 FIRE CODE 2018 EDITION & NFPA 101 LIFE SAFETY CODE 2018 EDITION. #

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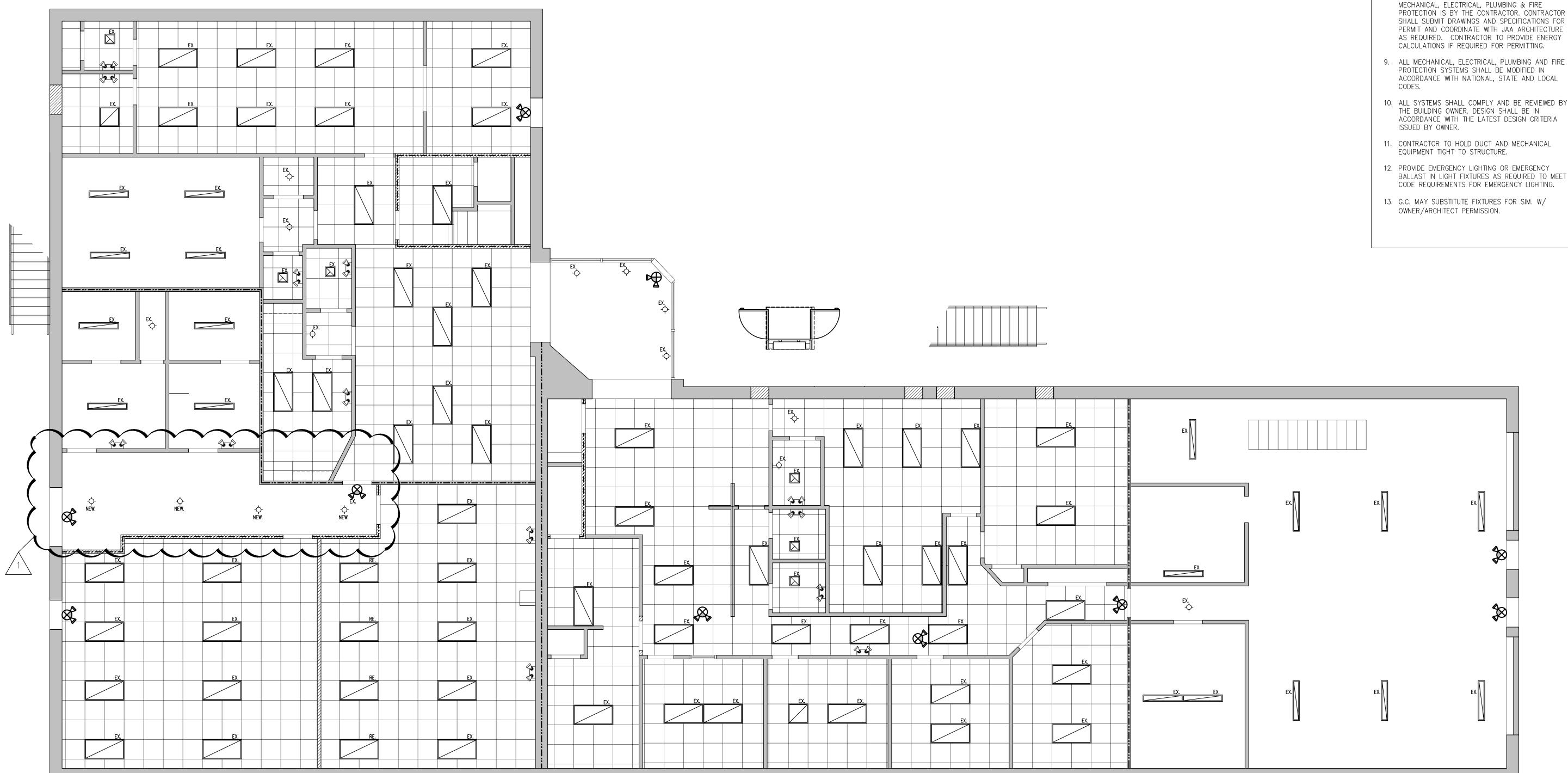
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	<u>PARTITION LEGEND</u>		_
	DEMO	[[[]]	
	EXISTING WALL		
	NEW PARTITION		_
	NEW 1 HR. RATED PARTITION	-	PERMIT

				LUMINARE SCHEDULE						OFNE
C)/4.4D.O.I	MADIC	DECODIDATION	MANUEAGTURER	MODEL //	INPUT	DATA	LAMP INFORMATION		COMMENTS	GENE
SYMBOL	MARK	DESCRIPTION	MANUFACTURER	MODEL #	VOLTS	WATTS	QTY.	DESCRIPTION		
	А	LED HIGH BAY	COOPER	LHB					SUSPENDED	1. /
	В	LINEAR LED WRAP	COOPER	WPLD						2. N 3. F
	С	24" x 24" LED RECESSED/SUSPENDED	COOPER	22FP						4. <i>F</i>
\bigotimes		LED EXIT SIGN	LITHONIA	LQM						5. (
		LED EXIT SIGN W/ STROBE	LITHONIA	LHQM						
		EMERGENCY WALL LIGHT	LITHONIA	ELM2						6.
		EXHAUST FAN								7. F
8		SPRINKLER HEAD								8. 4

LUMINARE SCHEDULE							OENE			
201	MADIC	DECODIDATION	MANUEACTURER	MODEL #	INPUT DATA LAMP INFORMATION		COMMENTS	<u>GENE</u>		
30L	MARK	DESCRIPTION	MANUFACTURER	WODLL #	VOLTS	WATTS	QTY.	DESCRIPTION		
	А	LED HIGH BAY	COOPER	LHB					SUSPENDED	1. AL
	В	LINEAR LED WRAP	COOPER	WPLD						2. NO 3. RE
1	С	24" x 24" LED RECESSED/SUSPENDED	COOPER	22FP						4. AL
		LED EXIT SIGN	LITHONIA	LQM						5. CC
\$		LED EXIT SIGN W/ STROBE	LITHONIA	LHQM						AN AS LC AF
		EMERGENCY WALL LIGHT	LITHONIA	ELM2						6. AL
		EXHAUST FAN								7. P
										1 0'

NERAL CEILING NOTES ALL LIGHT FIXTURES AND DIFFUSERS SHALL BE CENTERED ON THE TILE UNLESS NOTED OR INDICATED OTHERWISE.

NOT USED.

REF. PLANS FOR ALL CEILING HEIGHTS.

ALL GYPSUM BOARD SOFFITS SHALL HAVE 5/8" REVEAL EDGE AT ADJACENT PARTITIONS EXCEPT WHÉRE REQUIRED TO BE FIRE TREATED.

CONTRACTOR TO COORDINATE LOCATION OF PLUMBING AND MECHANICAL VALVES. TRANSFORMERS AND ASSOCIATIONS ABOVE—CEILING COMPONENTS WITH LOCATIONS OF CEILING CCESS PANELS IN GYPSUM BOARD

ALIGN ALL SOFFITS WITH ADJACENT WALL SURFACE AS INDICATED ON THE DRAWING.

PATCH AND REPLACE DAMAGED ACOUSTICAL CEILING TILES AND CEILING GRID. ACOUSTICAL CEILING TILES TO BE SELECTED BY CONTRACTOR.

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9. ALL MECHANICAL, ELECTRICAL, PLUMBING AND FIRE PROTECTION SYSTEMS SHALL BE MODIFIED IN ACCORDANCE WITH NATIONAL, STATE AND LOCAL

10. ALL SYSTEMS SHALL COMPLY AND BE REVIEWED BY THE BUILDING OWNER. DESIGN SHALL BE IN ACCORDANCE WITH THE LATEST DESIGN CRITERIA ISSUED BY OWNER.

11. CONTRACTOR TO HOLD DUCT AND MECHANICAL EQUIPMENT TIGHT TO STRUCTURE.

BALLAST IN LIGHT FIXTURES AS REQUIRED TO MEET CODE REQUIREMENTS FOR EMERGENCY LIGHTING.

13. G.C. MAY SUBSTITUTE FIXTURES FOR SIM. W/ OWNER/ARCHITECT PERMISSION.



1 REFLECTED CEILING PLAN 2ND FLOOR

	<u>PARTITION LEGEND</u>	
	DEMO	[[[]]
	EXISTING WALL	
	NEW PARTITION	
	NEW 1 HR RATED PARTITION	

AR C

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APPLICABLE FIRE-SAFETY STANDARDS AS DETERMINED BY THE LOCAL AUTHORITY IN ACCORDANCE WITH THIS SECTION AND CHAPTER 633, FLORIDA STATUTES. TO THE BEST OF THE ARCHITECT'S KNOWLEDGE, THE SPACE HAS BEEN DESIGNED TO MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 7TH EDITION 2020 AND THE 7TH EDITION OF THE FLORIDA FIRE PREVENTION CODE BASED ON NFPA, 1 FIRE CODE 2018 EDITION & NEPA, 11 LICE SACETY CODE 2018 EDITION &

NFPA 101 LIFE SAFETY CODE 2018 EDITION.

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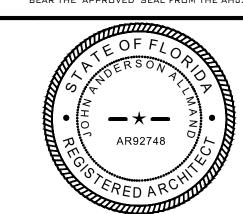
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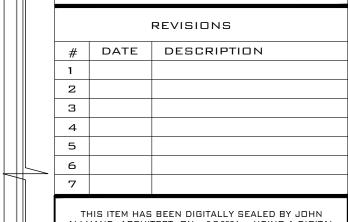


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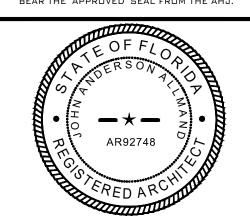
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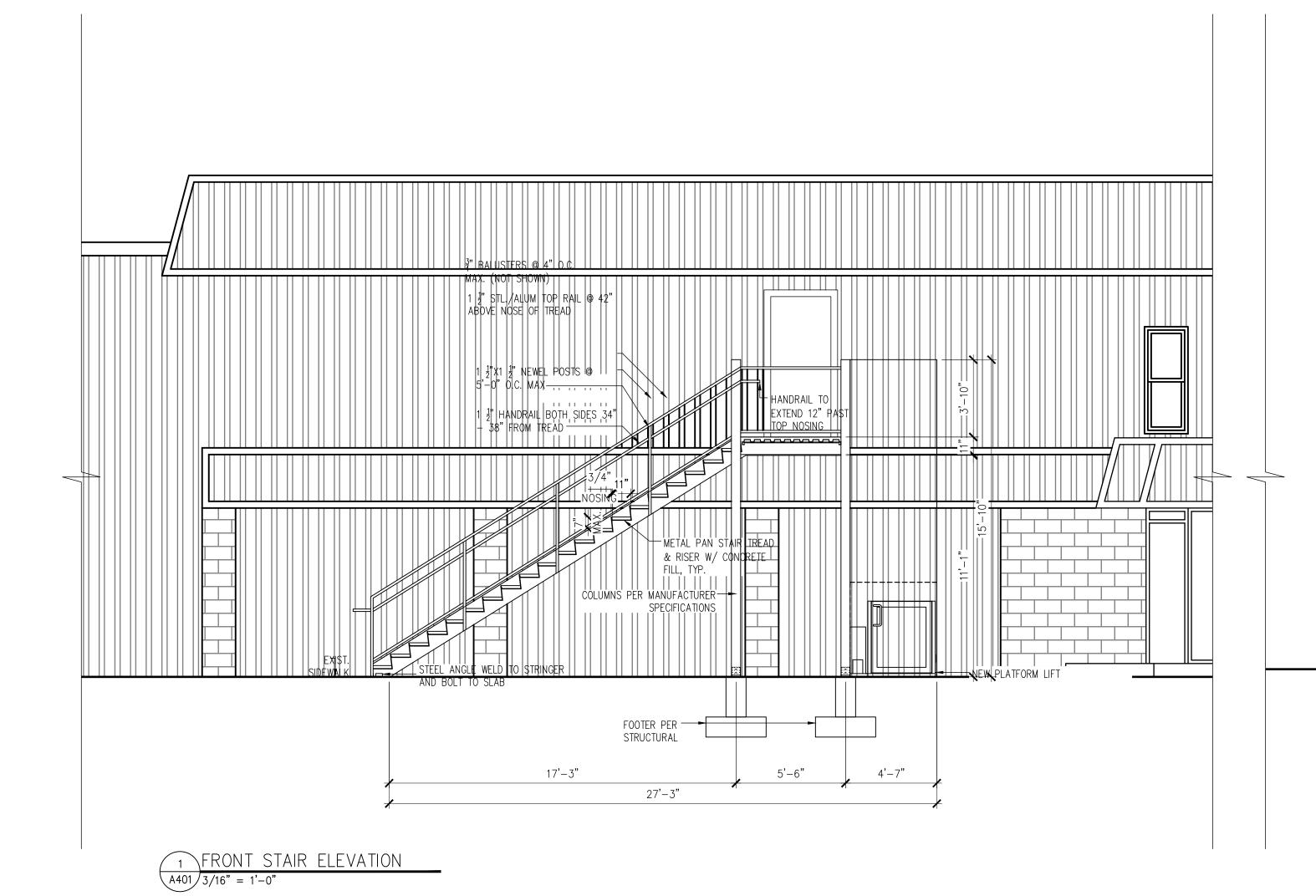
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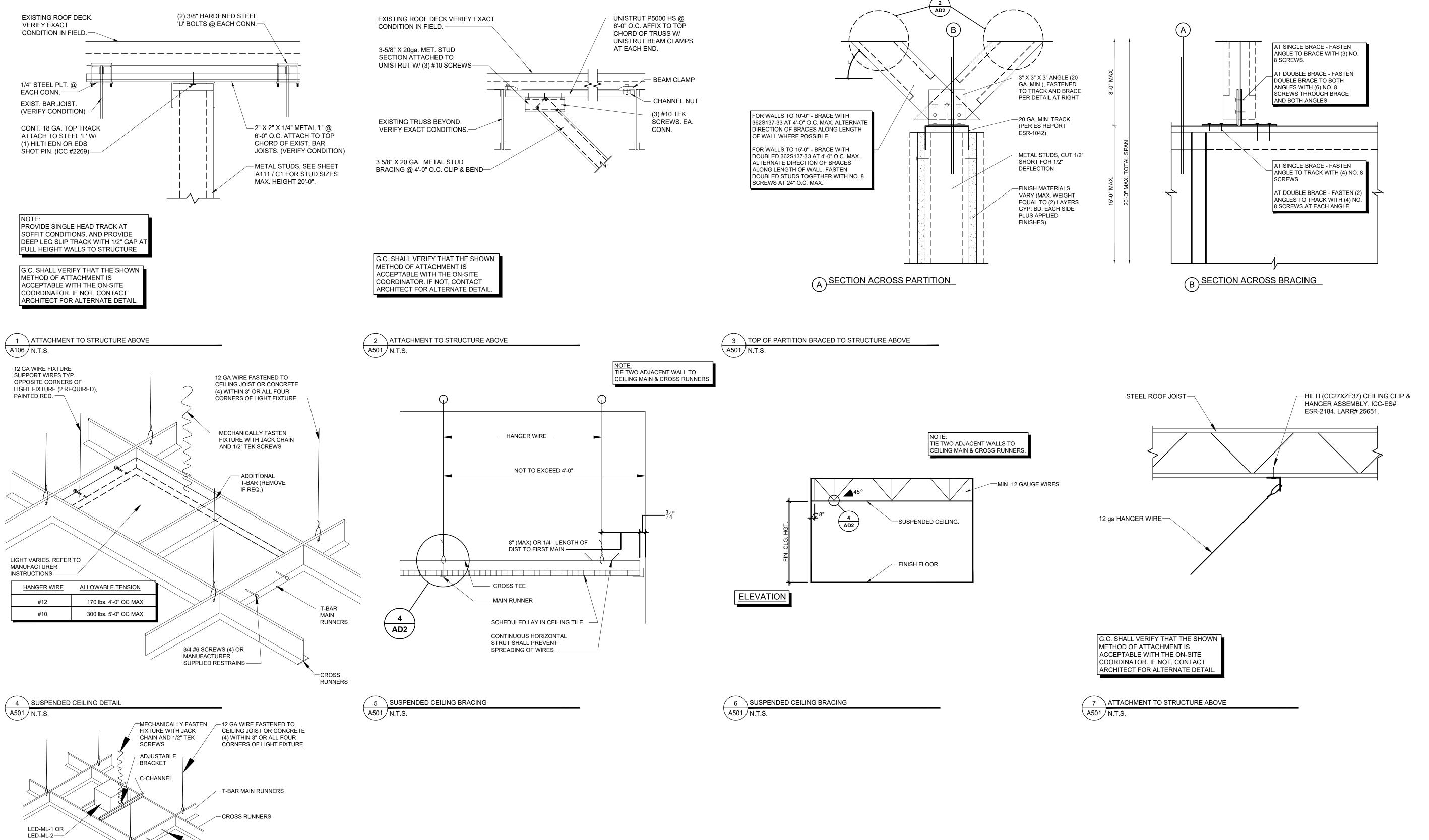
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1 SIDE STAIR ELEVATION

17'-3"

22'-9"







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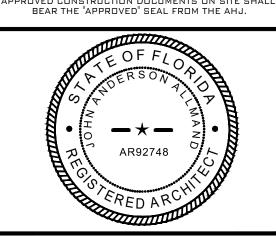
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8 LIGHTING FIXTURE SUPPORT DETAIL

12 GA WIRE FASTENED TO CEILING JOIST OR CONCRETE (4) WITHIN 3" OR ALL FOUR CORNERS OF LIGHT FIXTURE—

MECHANICALLY FASTEN

FIXTURE WITH JACK CHAIN AND 1/2" TEK SCREWS-

> ADJUSTABLE , BRACKET—

LED-ML-3 —

- 3/4 #6 SCREWS (4) OR MANUFACTURER SUPPLIED RESTRAINS

/--ADDITIONAL T-BAR

3/4 #6 SCREWS (4) OR

MANUFACTURER SUPPLIED RESTRAINS— T-BAR MAIN RUNNERS

CROSS RUNNERS

BXUV.U305

Design/System/Construction/Assembly Usage Disclaimer

- Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation and use of UL Certified products, equipment, system, devices, and materials.
- Authorities Having Jurisdiction should be consulted before construction • Fire resistance assemblies and products are developed by the design submitter and have been investigated by UL for
- compliance with applicable requirements. The published information cannot always address every construction nuance encountered in the field. When field issues arise, it is recommended the first contact for assistance be the technical service staff provided by the product

manufacturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Information for

each product category and each group of assemblies. The Guide Information includes specifics concerning alternate materials

and alternate methods of construction Only products which bear UL's Mark are considered Certified

BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United States BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada See General Information for Fire-resistance Ratings - ANSI/UL 263 Certified for United States

Design Criteria and Allowable Variances See General Information for Fire Resistance Ratings - CAN/ULC-S101 Certified for Canada

Design No. **U305**

February 14, 2022

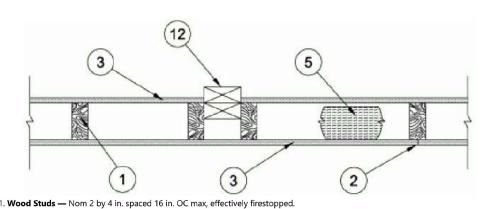
Design Criteria and Allowable Variances

Bearing Wall Rating — 1 Hr Finish Rating — See Items 3, 3A, 3D, 3E, 3F, 3G, 3H, 3J and 3L. STC Rating - 56 (See Item 9)

This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used — See Guide BXUV or BXUV7

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification

3F. Gypsum Board* — (As an alternate to Items 3, 3A, 3B, 3C, 3D, and 3E) — 5/8 in. glass-mat faced with square edges, applied either horizontally or vertically. Gypsum panels nailed 7 in. OC around the perimeter and in the field with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads. Nails shall be placed 1 inch and 3 inch from horizontal joints and 7 inch OC



2. Joints and Nail-Heads — Joints covered with joint compound and paper tape. Joint compound and paper tape may be omitted when square edge boards are used. As an alternate, nom 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard with the joints reinforced with paper tape. Nailheads exposed or covered with joint compound.

3. **Gypsum Board*** — 5/8 in. thick paper or vinyl surfaced, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads. When used in widths other than 48 in., gypsum panels are to be installed horizontally. For an alternate method of attachment of gypsum panels, refer to Items 6 through 6F, Steel Framing Members* When Items 6, 6B, 6C, 6D, 6E, or 6F, Steel Framing Members*, are used, gypsum panels attached to furring channels with 1 in. long Type S bugle-

When Item 6A, Steel Framing Members*, is used, two layers of gypsum panels attached to furring channels. Base layer attached to furring channels with 1 in. long Type S bugle-head steel screws spaced 12 in. OC. Face layer attached to furring channels with 1-5/8 in. long Type S buglehead steel screws spaced 12 in. OC. All joints in face layers staggered with joints in base layers. One layer of gypsum board attached to opposite side of wood stud without furring channels as described in Item 3.

When Item 7, resilient channels are used, 5/8 in. thick, 4 ft wide gypsum panels applied vertically. Screw attached furring channels with 1 in. long, self-drilling, self-tapping Type S or S-12 steel screws spaced 8 in. OC, vertical joints located midway between studs. AMERICAN GYPSUM CO — Types AGX-1(finish rating 23 min.), M-Glass (finish rating 23 min.), Type AGX-11 (finish rating 26 min), Type AGX-12 (finish rating 22 min), Type LightRoc (finish rating 23 min.) or Type AG-C

BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO — Type DBX-1 (finish rating 24 min)

CABOT MANUFACTURING ULC — Type X (finish rating 22 min), 5/8 Type X, Moisture Resistant Type X, Gypsum Sheathing Type X, Mold & Mildew Resistant Type X and Mold & Mildew Resistant AR Type X, Type Blueglass Exterior Sheathing

CERTAINTEED GYPSUM INC — Type C, Type X or Type X-1 (finish rating 26 min); Type EGRG or GlasRoc (finish rating 23 min), GlasRoc-2, Type Habito (finish rating 26 min).

CGC INC — Type AR (finish rating 24 min), Type C (finish rating 24 min), Type IP-AR (finish rating 24 min), Type IPC-AR (finish rating 24 IP-X1 (finish rating 24 min), Type IP-X2 (finish rating 24 min), Type SCX (finish rating 24 min), Type SHX (finish rating 24 min), Type ULX (finish rating 22 min), Type WRC (finish rating 24 min), Type WRX (finish rating 24 min), Type ULIX (finish rating 20 min)

CERTAINTEED GYPSUM INC — Type LGFC6A (finish rating 34 min), Type LGFC2A, Type LGFC-V/A, Type LGFC-WD, Type LGLLX (finish rating 21 min), Type CLLX (finish rating 24 min)

GEORGIA-PACIFIC GYPSUM L L C — Type 5 (finish rating 26 min), Type 6 (finish rating 23 min), Type 9 (finish rating 26 min), Type C (finish rating 26 min), 26 min), Type DGG (finish rating 20 min), Type GPFS1 (finish rating 20 min), Type GPFS2 (finish rating 20 min), Type GPFS6 (finish rating 26 min), Type DS, Type DAP, Type DD (finish rating 20 min), Type DA, Type DAPC, Type LS (finish rating 23 min), Type X, Veneer Plaster Base - Type X, Water Rated - Type X, Sheathing - Type X, Soffit - Type X, Type LWX (finish rating 22 min), Veneer Plaster Base-Type LWX (finish rating 22 min), Water Rated-Type LWX (finish rating 22 min), Sheathing Type-LWX (finish rating 22 min), Soffit-Type LWX (finish rating 22 min), Type DGLW (finish rating 22 min), Water Rated-Type DGLW (finish rating 22 min), Sheathing Type- DGLW (finish rating 22 min), Soffit-Type DGLW (finish rating 22 min), Type LWX (finish rating 22 min), Type LW2X (finish rating 22 min), Veneer Plaster Base - Type LW2X (finish rating 22 min), Water Rated - Type LW2X (finish rating 22 min), Sheathing - Type LW2X (finish rating 22 min), Soffit - Type LW2X (finish rating 22 min), Type DGL2W (finish rating 22 min), Water Rated - Type DGL2W (finish rating 22 min), Sheathing - Type DGL2W (finish rating 22 min)

NATIONAL GYPSUM CO — Type FSK (finish rating 20 min), Type FSK-G (finish rating 20 min), Type FSW (finish rating 20 min), Type FSW-2 (finish rating 24 min), Type FSW-3 (finish rating 20 min), Type FSW-5 (finish rating 22 min), Type FSW-G (finish rating 20 min), Type FSK-C (finish rating 20 min), Type FSW-C (finish rating 20 min), Type FSMR-C, Type FSW-6 (finish rating 20 min), Type FSL (finish rating 24 min), Type FSW-8, Type FSLX (finish rating 21 min), Type RSX (finish rating 26 min).

NATIONAL GYPSUM CO — Riyadh, Saudi Arabia — Type FR, or WR.

PABCO BUILDING PRODUCTS L L C. DBA PABCO GYPSUM — Types C. PG-2 (finish rating 20 min), PG-3 (finish rating 20 min), Types PG-3W, PG-5W (finish rating 20 min), Type PG-4 (finish rating 20 min), Type PG-6 (finish rating 23 min), Types PG-3WS, PG-5WS, PGS-WRS (finish rating 20 min), Types PG-5, PG-9 (finish rating 26 min), PG-11 PG-13 (Nails increased to 2 in.), Type PG-C or PGI (finish rating 26 min)

PANEL REY S A — Type ARX, GREX, GRIX, PRX, PRC, PRC2; Types RHX, Guard Rey, MDX, ETX (finish rating 22 min), PRX2 (finish rating 21 min)

SIAM GYPSUM INDUSTRY (SARABURI) CO LTD — Type EX-1 (finish rating 26 min)

THAI GYPSUM PRODUCTS PCL — Type C, Type X (finish rating 26 min)

UNITED STATES GYPSUM CO — Type AR (finish rating 24 min), Type C (finish rating 24 min), Type FRX-G (finish rating 29 min), Type IP-AR (finish rating 24 min), Type IPC-AR (finish rating 24 min), Type IP-X1 (finish rating 24 min), Type IP-X2 (finish rating 24 min), Type SHX (finish rating 24 min), Type IP-X2 (finish rating 24 min), T min), Type SCX (finish rating 24 min), Type SGX (finish rating 24 min), Type ULX (finish rating 22 min), Type WRX (finish rating 24 min), Type WRX (finish rating 24 min), Type ULIX (finish rating 20 min)

USG BORAL DRYWALL SFZ LLC — Type SGX (finish rating 24 min).

USG MEXICO S A DE C V — Type AR (finish rating 24 min), Type C (finish rating 24 min), Type WRX (finish rating 24 min), Type WRC (finish rating 24 min), Type WRX (fi 24 min), Type IP-X1 (finish rating 24 min), Type IP-X2 (finish rating 24 min), Type SHX (finish rating 24 min), SCX (finish rating 24 min), Type IP-AR (finish rating 24 min), Type IPC-AR (finish rating 24 min), Type ULX (finish rating 22 min)

3A. Gypsum Board* — (As an alternate to Item 3) — 5/8 in. thick gypsum panels, with beyeled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last screw 1 in. from edge of board. When used in widths of other than 48 in., gypsum boards are

AMERICAN GYPSUM CO — Types AGX-1 (finish rating 25 min.), M-Glass (finish rating 25 min.), AG-C (finish rating 25 min.), LighttRoc (finish

CERTAINTEED GYPSUM INC — Type C, Type X, Type X-1 (finish rating 26 min), Type EGRG or GlasRoc.

CGC INC — Type AR (finish rating 24 min), Type C (finish rating 24 min), Type IP-AR (finish rating 24 min), Type IPC-AR (finish rating 24 IP-X1 (finish rating 24 min), Type IP-X2 (finish rating 24 min), Type SCX (finish rating 24 min), Type SHX (finish rating 24 min), Type WRC (finish

NATIONAL GYPSUM CO — Type FSW (finish rating 24 min)

UNITED STATES GYPSUM CO — Type AR (finish rating 24 min), Type SCX (finish rating 24 min), Type SGX rating 24 min), Type WRX (finish rating 24 min), Type WRC (finish rating 24 min), Type IP-X1 (finish rating 24 min), Type IP-X2 (finish rating 24 min), e SHX (finish rating 24 min), Type FRX-G (finish rating 24 min), Type IP-AR (finish rating 24 min), Type IPC-AR (finish rating 24 min)

USG BORAL DRYWALL SFZ LLC — Types C, SCX, SGX (finish rating 24 min).

USG MEXICO S A DE C V — Type AR (finish rating 24 min), Type C (finish rating 24 min), Type WRX (finish rating 24 min), Type WRC (finish rating 24 min), Type WRX (fi 24 min), Type IP-X1 (finish rating 24 min), Type IP-X2 (finish rating 24 min), Type SHX (finish rating 24 min), Type SCX, Type IP-AR (finish rating 24 min), Type SHX (finish rating 24 min), Type SHX (finish rating 24 min), Type IP-AR (finish rating 24 min), Typ min), Type IPC-AR (finish rating 24 min)

3B. Gypsum Board* — (As an alternate to Item 3) — Nom 3/4 in. thick, installed with 1-7/8 in. long cement coated nails as described in Item 3 or 1-3/8 in. long Type W coarse thread gypsum panel steel screws as described in Item 3A. CGC INC — Types AR, IP-AR

UNITED STATES GYPSUM CO — Types AR, IP-AR

USG MEXICO S A DE C V — Types AR, IP-AR

3C. Gypsum Board* — (As an alternate to Items 3, 3A and 3B) — 5/8 in. thick, 2 ft wide, tongue and groove edge, applied horizontally to one side of the assembly. Installed with 1-7/8 in. long cement coated nails as described in Item 3 or 1-1/4 in. long Type W coarse thread gypsum panel steel screws as described in Item 3A. Joint covering (Item 2) not required.

UNITED STATES GYPSUM CO — Type SHX

USG MEXICO S A DE C V — Type SHX

3D. Gypsum Board* — (As an alternate to Items 3, 3A, 3B, or 3C — Not Shown) — For Direct Application to Studs Only- Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-5/8 in. long Type W coarse thread gypsum panel steel screws spaced 8 in. OC at perimeter and in the field. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 1-1/2 in. wide, max 10 ft long with a max thickness of 0.125 in. placed on the face of studs and attached to the stud with two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs or tabs may be used in lieu of or in addition to the lead batten strips or optional at other locations. Max 3/4 in. diam by max 0.125 in. thick lead discs compression fitted or adhered over steel screw heads or max 1/2 in, by 1-1/4 in, by max 0.125 in, thick lead tabs placed on gypsum boards underneath screw locations prior to the installation of the screws. Lead batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". RAY-BAR ENGINEERING CORP — Type RB-LBG (finish rating 24 min)

3E. Gypsum Board* — (As an alternate to Items 3, 3A, 3B, 3C, and 3D) — 5/8 in. thick gypsum panels, with square edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a max 8 in. OC, with last 2 screws 1 and 4 in. from edge of board or nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads. When used in widths of other than 48 in., gypsum boards are to be installed GEORGIA-PACIFIC GYPSUM L L C — Type DGG (finish rating 20 min), GreenGlass Type X (finish rating 23 min)

CGC INC — Type USGX (finish rating 22 min)

UNITED STATES GYPSUM CO — Type USGX (finish rating 22 min.)

USG BORAL DRYWALL SFZ LLC —, Type USGX (finish rating 22 min.)

USG MEXICO S A DE C V — Type USGX (finish rating 22 min.)

3G. Gypsum Board* — (As an alternate to Items 3 through 3F) — 5/8 in. thick paper surfaced applied vertically. Gypsum panels nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads. **GEORGIA-PACIFIC GYPSUM L L C** — Type X ComfortGuard Sound Deadening Gypsum Board (finish rating 27 min)

3H. Gypsum Board* — (As an alternate to Items 3) — Not to be used with items 6 or 7. 5/8 in. thick paper surfaced applied vertically only. Gypsum panels nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads.

3I. Gypsum Board* — (As an alternate to Items 3 through 3H, Not Shown) — Nominal 5/8 in. thick, 4 ft wide panels, applied vertically. Panels nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads. Panel joints covered with paper tape and two layers of joint compound. Nailheads covered with two layers of joint compound PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock ES (finish rating 20 min)

3J. **Gypsum Board*** — (As an alternate to Item 3) — 5/8 in. thick paper surfaced applied vertically or horizontally. Gypsum panels secured with 1-1/4 in. Type W coarse thread gypsum panel steel screws spaced a maximum of 12 in. OC. CERTAINTEED GYPSUM INC — Type SilentFX

3K. Gypsum Board* — (As an alternate to Item 3) — 5/8 in. thick gypsum panels, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a maximum 8 in. OC with the last screw 1 in. from the edge of the board. When used in widths other than 48 in., gypsum panels are to be installed horizontally. NATIONAL GYPSUM CO — Type FSK (finish rating 20 min), Type FSK-G (finish rating 20 min), Type FSW-2 (finish rating 20 min rating 24 min), Type FSW-3 (finish rating 20 min), Type FSW-5 (finish rating 22 min), Type FSW-G (finish rating 20 min), Type FSK-C (finish rating 20

3L. Gypsum Board* — (As an alternate to Item 3) — For Direct Application to Studs Only — Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-5/8 in, long Type W coarse thread gypsum panel steel screws spaced 8 in.

OC at perimeter and in the field. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in, wide, max 10 ft long with a max thickness of 0.140 in, placed on the face of studs and attached to the stud with two 1 in. long Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, max 5/16 in, diam by max 0.140 in, thick, compression fitted or adhered over the screw heads. Lead batten strips to have a purity of 99.5% meeting the Federal specification QQ-L-201f, Grades "B, C or D". MAYCO INDUSTRIES INC — "X-Ray Shielded Gypsum"

3M. Gypsum Board* — (As an alternate to Items 3) — For Direct Application to Studs Only — For use as the base layer or as the face layer. Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-5/8 in. long Type W coarse thread gypsum panel steel screws spaced 8 in. OC at perimeter and in the field when applied as the base layer. When applied as the face layer screw length to be increased to 2-1/2 in. Lead batten strips required behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, min 2 in. wide, max 8 ft long with a max thickness of 0.14 in. placed on the face of studs and attached to the stud with construction adhesive and two 1 in. long Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead discs, nominal 3/8 in. diam by max 0.085 in. thick. Compression fitted or adhered over the screw heads. Lead batten strips and discs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Fasteners for face layer gypsum panels (Items 4, 4A or 4B) when installed over lead backed board to be min 2-1/2 in. Type S-12 bugle head steel screws spaced as described in Item 4. RADIATION PROTECTION PRODUCTS INC — Type RPP - Lead Lined Drywall

3N. **Gypsum Board*** — (As an alternate to Item 3) — 5/8 in. thick, 4 ft. wide, applied horizontally or vertically with vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Secured as described in Item 3 or 3A.

CERTAINTEED GYPSUM INC — Easi-Lite Type X (finish rating 24 min), Easi-Lite Type X-2 (finish rating 24 min) 30. Wall and Partition Facings and Accessories* — (As an alternate to Item 3, Not Shown) — Nominal 5/8 in. thick, 4 ft wide panels, applied vertically. Panels nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads. Panel joints covered with paper tape and two layers of joint compound. Nailheads covered with two layers of joint compound. PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock 527 (finish rating 24 min).

3P. Gypsum Board* — (As an alternate to Item 3, Not Shown) — Two layers nom. 5/16 in. thick gypsum panels applied vertically or horizontally. Horizontal edge joints and horizontal butt joints on opposite sides of studs need not be staggered or backed by wood studs. Horizontal joints on the same side between face and base layers need not be staggered. Base layer gypsum panels fastened to studs with 1-1/4 in. long drywall nails spaced 8 in. OC. Face layer gypsum panels fastened to studs with 1-7/8 in. long drywall nails spaced 8 in, OC starting with a 4" stagger. NATIONAL GYPSUM CO — Type FSW (finish rating 25 min)

3Q. Gypsum Board* — (As an alternate to Item 3) — 5/8 in. thick gypsum panels, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels fastened to framing with 1-1/4 in. long Type W coarse thread gypsum panel steel screws spaced a maximum 10 in. OC with the last two screws 4 and 1 in. from the edges of the board. When used in widths other than 48 in., gypsum panels are to be installed horizontall CERTAINTEED GYPSUM INC — Type LGFC6A (finish rating 21 min), Type LGFC2A, Type LGFC-C/A, Type LGFC-WD, Type LGLLX

3R. Gypsum Board* — (As an alternate to Item 3. For use with Item 5H) — Any 5/8 in. thick, 4 ft. wide, Gypsum Board listed in Item 3 above. Applied either horizontally or vertically, and screwed to panels with 1-5/8 in. long Type W coarse thread steel screws at 8 in. OC at perimeter and in the field with the last two screws 4 and 3/4 in, from the edges of the board when applied as the base layer. When used in widths other than 48 in., gypsum panels are to be installed horizontally.

3S. Gypsum Board* — 3/4 in. thick paper or vinyl surfaced, with beveled, square, or tapered edges, applied either horizontally or vertically. Gypsum panels secured as described in Item 3 with nail length increased to 2 in. PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type PG-13

3T. Wall and Partition Facings and Accessories* — (As an alternate to 5/8 in. thick board as outlined in Item 3) — Nominal 1-3/8 in. thick, 4 ft wide panels, applied vertically or horizontally. Fastened with #6 x 2 in. long drywall screws spaced 8 in. OC along the perimeter and 12 in. OC in the field. PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock 545

3U. Gypsum Board* — (As an alternate to Item 3 - For use with Foamed Plastic products, Item 5J) — 5/8 in. thick, 4 ft. wide, applied vertically with vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Gypsum panels nailed 7 in. OC with 6d cement coated nails 1-7/8 in. long, 0.0915 in. shank diam and 15/64 in. diam heads.

BEIJING NEW BUILDING MATERIALS PUBLIC LTD CO — Type DBX-1

CABOT MANUFACTURING ULC — Type X

CERTAINTEED GYPSUM INC — Type X

AMERICAN GYPSUM CO — Types AGX-1

CGC INC — Type SCX

PANEL REY S A — Type ARX, PRX

SIAM GYPSUM INDUSTRY (SARABURI) CO LTD — Type EX-1

THAI GYPSUM PRODUCTS PCL — Type X

UNITED STATES GYPSUM CO — Types SCX and SGX

USG BORAL DRYWALL SFZ LLC — Types SCX and SGX

USG MEXICO S A DE C V — Type SCX

3V. Gypsum Board* — (As an alternate to Item 3. For use with Item 5K) — Any 5/8 in. thick, 4 ft. wide, Gypsum Board listed in Item 3 above. Applied vertically with vertical joints centered over studs and staggered one stud cavity on opposite sides of studs. Gypsum panels secured to studs with 1-5/8 in. long Type W coarse thread gypsum panel steel screws spaced 8 in. OC at perimeter and in the

4. Steel Corner Fasteners — (Optional) — For use at wall corners. Channel shaped, 2 in. long by 1 in. high on the back side with two 1/8 in. wide cleats protruding into the 5/8 in. wide channel, fabricated from 24 gauge galv steel. Fasteners applied only to the end or cut edge (not along tapered edges) of the gypsum board, no greater than 2 in. from corner of gypsum board, max spacing 16 in. OC Nailed to adjacent stud through tab using one No. 6d cement coated nail per fastener. Corners of wall board shall be nailed to top and bottom plate using No. 6d cement coated nails.

5. Batts and Blankets* — (Optional — Required when Item 6A is used (RC-1)) — Glass fiber or mineral wool insulation. Placed to completely or partially fill the stud cavities. When Item 6A is used, glass fiber or mineral wool insulation shall be friction-fitted to completely fill the stud cavities. CERTAINTEED CORP

JOHNS MANVILLE KNAUF INSULATION LLC

MANSON INSULATION IN

ROCKWOOL — Types Acoustical Fire Batts and Type AFB, min. density 1.69 pcf / 27.0 kg/m³

ROCKWOOL MALAYSIA SDN BHD — Type Acoustical Fire Batts

ROCK WOOL MANUFACTURING CO — Delta Board THERMAFIBER INC — Type SAFB, SAFB FF

5A Fiber Sprayed* — (Not Shown — Not for use with Item 6) — As an alternate to Batts and Blankets (Item 5) — Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product with a nominal dry density of 2.7 lb/ft³. Alternate Application Method: The fiber is applied without water or adhesive at a nominal dry density of 3.5 lb/ft³, in accordance with the application instructions supplied with the product. When Item 6B is used, Fiber, Sprayed shall be INS735, INS745, INS750LD, INS765LD, INS773LD or SANCTUARY.

U S GREENFIBER L L C — INS735, INS745, INS750LD and SANCTUARY for use with wet or dry application. INS515LD, INS541LD, INS735, INS765LD, and INS773LD are to be used for dry application only

5B. Fiber, Sprayed* — (Not Shown - Not for use with Item 6) — As an alternate to Batts and Blankets (Item 5) - Spray applied cellulose insulation material. The fiber is applied with water to interior surfaces in accordance with the application instructions supplied with the product. Applied to completely fill the enclosed cavity. Minimum dry density of 4.3 pounds per cubic ft. NU-WOOL CO INC — Cellulose Insulation

5C. Batts and Blankets* — Required for use with resilient channels, Item 7, 3 in. thick mineral wool batts, friction-fitted to fill interior THERMAFIBER INC — Type SAFB, SAFB FF

5D. Glass Fiber Insulation — (As an alternate to Item 5C) — 3 in. thick glass fiber batts bearing the UL Classification Marking as to Surface Burning and/or Fire Resistance, friction-fitted to fill the interior of the wall. See Batts and Blankets (BKNV or BZJZ) Categories for names of Classified companies.

3-1/2 in. thick, min. density of 0.80 pcf, with a flame spread of 25 or less and a smoke developed of 50 or less, friction-fitted to completely fill the stud cavities. See Batts and Blankets Category (BKNV) for names of manufacture 5F. Fiber. Sprayed* — (Optional, Not Shown — Not for use with Items 6, 6A, 6B, 6C, or 6D) — As an alternate to Batts and Blankets

5E. Batts and Blankets* — (Required for use with Wall and Partition Facings and Accessories, Item 3D) — Glass fiber insulation, nom

(Item 5) and Item 5A - Spray applied granulated mineral fiber material. The fiber is applied with adhesive, at a minimum density of 4.0 pcf, to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. See Fiber, Sprayed (CCAZ) AMERICAN ROCKWOOL MANUFACTURING, LLC — Type Rockwool Premium Plus

5G. Fiber, Sprayed* — (Optional, Not Shown — Not for use with Items 6, 6A, 6B, 6C, or 6D). — As an alternate to Batts and Blankets (Item 5) and Item 5A - Brown Colored Spray applied cellulose fiber. The fiber is applied with water to completely fill the enclosed stud cavity in accordance with the application instructions supplied with the product. The minimum dry density shall be 4.30 lbs/ft³. INTERNATIONAL CELLULOSE CORP — Celbar-RL

5H. Foamed Plastic* — (Optional -For use with Item 3R) — Spray applied, foamed plastic insulation, at any thickness from partial fill to completely filling stud cavity. **SES FOAM INC** — Nexseal[™] 2.0 or Nexseal[™] 2.0 LE Spray Foam and Sucraseal Spray Foam.

51. Fiber, Sprayed* — (Not Shown — Not for use with Item 6) — As an alternate to Batts and Blankets (Item 5) - Spray-applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. To facilitate the installation of the material, any thin, woven or non-woven netting may be attached by any means possible to the outer face the studs. The material shall reach equilibrium moisture content before the installation of materials on either face of the studs. The minimum dry density shall be 5.79 lbs/ft³. APPLEGATE HOLDINGS L L C - Applegate Advanced Stabilized Cellulose Insulation

5J. Foamed Plastic* — (Optional, Not Shown - For use with Item 3U) — Spray applied, foamed plastic insulation, at any thickness from partial fill to completely filling stud cavity. GACO WESTERN L L C — Types GacoEZSpray F4500, GacoProFill FR6500R, Gaco 052N, GacoOnePass F1850, GacoOnePass Low GWP F1880, and

5K. Foamed Plastic* — (Optional, Not Shown - For use with Item 3V) — Spray applied, foamed plastic insulation, at any thickness from partial fill to completely filling stud cavity. CARLISLE SPRAY FOAM INSULATION — Types SealTite Pro Closed Cell (CC), SealTite Pro Open Cell (OC), SealTite Pro OCX, SealTite Pro No Trim 21, SealTite Pro One Zero, Foamsulate Closed Cell, Foamsulate OCX, Foamsulate 70, and Foamsulate HFO.

6. Steel Framing Members* — (Optional, Not Shown) — Furring channels and Steel Framing Members as described below: a. Furring Channels — Formed of No. 25 MSG galv steel. 2-9/16 in. or 2-23/32 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to study. Channels secured to study as described in Item b. Ends of adjoining channels are overlapped 6 in, and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in. and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Gypsum board attached to furring channels as described in Item 3.

b. Steel Framing Members* — Used to attach furring channels (Item 6a) to studs. Clips spaced 48 in. OC. RSIC-1 and RSIC-1 (2.75) clips secured to studs with No. 8 x 2-1/2 in, coarse drywall screw through the center grommet, RSIC-V and RSIC-V (2.75) clips secured to studs with No. 8 x 1-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips. RSIC-1 and RSIC-V clips for use with 2-9/16 in. wide furring channels. RSIC-1 (2.75) and RSIC-V (2.75) clips for use with 2-23/32 in. wide furring PAC INTERNATIONAL L L C — Types RSIC-1, RSIC-V, RSIC-1 (2.75), RSIC-V (2.75)

6A. Steel Framing Members* — (Optional, Not Shown) — Furring channels and Steel Framing Members on one side of studs as

a. Furring Channels — Formed of No. 25 MSG galv steel, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. Batts and Blankets placed in stud cavity as described in Item 5. Two layers of gypsum board attached to furring channels as described in Item 3.

b. Steel Framing Members* — Used to attach furring channels (Item 6Aa) to one side of studs only. Clips spaced 48 in. OC., and secured to studs with two No. 8 x 2-1/2 in. coarse drywall screws, one through the hole at each end of the clip. Furring channels are friction fitted into clips KINETICS NOISE CONTROL INC — Type Isomax

6B. Steel Framing Members* — (Optional, Not Shown) — Furring channels and Steel Framing Members as described below: a. Furring Channels — Formed of No. 25 MSG galv steel. 2-3/8 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to study as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap. As an alternate, ends of adjoining channels may be overlapped 6 in and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Gypsum board attached to furring channels as described in Item 3.

b. Steel Framing Members* — Used to attach furring channels (Item 6Ba) to studs. Clips spaced 48 in. OC. Genie clips secured to studs with No. 8 x 1-1/2 in, coarse drywall screw through the center hole. Furring channels are friction fitted into clips. PLITEQ INC — Type Genie Clip

6C. Steel Framing Members* — (Optional, Not Shown) — Furring channels and Steel Framing Members as described below: a. Furring Channels — Formed of No. 25 MSG galv steel. Spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and tied together with double strand of No. 18 AWG galvanized steel wire. Gypsum board attached to furring channels as described in Item 3.

b. Steel Framing Members* — Used to attach furring channels (Item 6Ca) to studs. Clips spaced 48 in. OC., and secured to studs with No. 2 in. coarse drywall screw with 1 in. diam washer through the center hole. Furring channels are friction fitted into clips. STUDCO BUILDING SYSTEMS — RESILMOUNT Sound Isolation Clips - Type A237 or A237R

6D. Steel Framing Members* — (Optional, Not Shown) — Furring channels and Steel Framing Members as described below: a. Furring Channels — Formed of No. 25 MSG galv steel, spaced 24 in. OC, and perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels overlapped 6 in. and secured in place with a double strand of No. 18 AWG twisted steel wire. Gypsum board attached to furring channels as described in Item 3.

REGUPOL AMERICA — Type SonusClip 6E. Steel Framing Members* — (Optional, Not Shown) — Resilient channels and Steel Framing Members as described below: a. Resilient Channels — Formed of No. 25 MSG galv steel, spaced 24 in. OC, and perpendicular to studs. Channels secured to studs as

described in Item b. Ends of adjoining channels overlapped 6 in. and secured in place with two No. 8 15 x 1/2 in. Philips Modified Truss

b. Steel Framing Members* — Used to attach furring channels (Item 6Da) to studs. Clips spaced 48 in. OC., and secured to studs with

screws spaced 2-1/2 in. from the center of the overlap. Gypsum board attached to resilient channels as described in Item 3. b. Steel Framing Members* — Used to attach resilient channels (Item 6Ea) to studs. Clips spaced 48 in. OC., and secured to studs with No. 8 x 2-1/2 in, coarse drywall screw through the center hole. Resilient channels are secured to clips with one No. 10 x 1/2 in. pan-head self-drilling screw.

No. 8 x 2-1/2 in. coarse drywall screw through the center hole. Furring channels are friction fitted into clips.

KEENE BUILDING PRODUCTS CO INC - Type RC+ Assurance Clip

6F. Steel Framing Members* — (Optional, Not Shown) — Furring channels and Steel Framing Members as described below: a. Furring Channels — Formed of No. 25 MSG galv steel. 2-23/32 in. wide by 7/8 in. deep, spaced 24 in. OC perpendicular to studs. Channels secured to studs as described in Item b. Ends of adjoining channels are overlapped 6 in. and tied together with double strand of No. 18 SWG galv steel wire near each end of overlap, As an alternate, ends of adjoining channels may be overlapped 6 in and secured together with two self-tapping #6 framing screws, min. 7/16 in. long at the midpoint of the overlap, with one screw on each flange of the channel. Gypsum board attached to furring channels as described in Item 3.

b. Steel Framing Members* — Used to attach furring channels (Item 6Fa) to studs. Clips spaced 48 in. OC. Clips secured to studs with No. 8 x 2-1/2 in. coarse drywall screw through the center grommet. Furring channels are friction fitted into clips. **CLARKDIETRICH BUILDING SYSTEMS** — Type ClarkDietrich Sound Clip

6G. Steel Framing Members* — (Optional, Not Shown) — Used as an alternate method to attach resilient channels to wall studs. A resilient sound isolation accessory shall be used at each attachment point of the resilient channels and spaced max 16 in, O.C. Channel ends butted and centered under the structural members and attached with one accessory at each end. Additional accessories used to hold resilient channels that support the gypsum board end joints. The accessory envelops the mounting edge of the resilient channel. The accessory and resilient channel are fastened to the structural members with the screws supplied with the accessory and per the accessory manufacturer's installation instructions.

PAC INTERNATIONAL L L C — Type RC-1 Boost 7. Furring Channel — Optional — Not Shown — For use on one side of the wall - Resilient channels, 25 MSG galv steel, spaced vertically 24 in. OC, flange portion screw attached to one side of studs with 1-1/4 in. long diamond shaped point, double lead Phillips

8. Caulking and Sealants — (Not Shown, Optional) — A bead of acoustical sealant applied around the partition perimeter for sound

9. STC Rating — The STC Rating of the wall assembly is 56 when it is constructed as described by Items 1 through 6, except:

A. Item 2, above — Nailheads Shall be covered with joint compound.

PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type QuietRock QR-500 and QR-510

NATIONAL GYPSUM CO — Type DuraBacker, PermaBase, DuraBacker Plus, or PermaBase Plus

insulation batts measuring 6-1/4 in. thick and 15-1/4 in. wide.

alternatives for obtaining STC rating

head steel screws. When resilient channels are used, insulation, Items 5C or 5D is required

B. Item 2, above — Joints As described, shall be covered with fiber tape and joint compound. C. Item 5, above — Batts and Blankets* The cavities formed by the studs shall be friction fit with R-19 unfaced fiberglass

D. Item 6, above — Steel Framing Members* Type RSIC-1 clips shall be used to attach gypsum board to studs on either side of the wall assembly.

E. Item 8, above — Caulking and Sealants (Not Shown) A bead of acoustical sealant shall be applied around the partition

F. Steel Corner Fasteners (Item 4), Fiber, Sprayed (Items 5A and 5B) and Steel Framing Members (Item 6A), not evaluated as

10. Wall and Partition Facings and Accessories* — (Optional, Not Shown) — Nominal 1/2 in. thick, 4 ft wide panels, for optional use as an additional layer on one or both sides of the assembly. Panels attached in accordance with manufacturer's recomme When the QR-500 or QR-510 panel is installed between the wood framing and the UL Classified gypsum board, the required UL Classified gypsum board layer(s) is/are to be installed as indicated as to fastener type and spacing, except that the required fastener length shall be increased by a minimum of 1/2 in. Not evaluated or intended as a substitute for the required layer(s) of UL Classified

11. Cementitious Backer Units* — (Optional Item Not Shown — For Use On Face Of 1 Hr Systems With All Standard Items Required) - 7/16 in 1/2 in 5/8 in 3/4 in or 1 in thick min 32 in wide Applied vertically or horizontally with vertical joints centered over study Fastened to study and runners with cement board screws of adequate length to penetrate stud by a minimum of 3/8 in. for steel framing members, and a minimum of 3/4 in. for wood framing members spaced a max of 8 in. OC. When 4 ft. wide boards are used, horizontal joints need not be backed by framing.

12. Non-Bearing Wall Partition Intersection — (Optional) —Two nominal 2 by 4 in. studs or nominal 2 by 6 in. studs nailed together with two 3 in. long 10d nails spaced a max. 16 in. OC. vertically and fastened to one side of the minimum 2 by 4 in. stud with 3 in. long 10d nails spaced a max. 16 in. OC. vertically. Intersection between partition wood studs to be flush with the 2 by 4 in. studs. The wall

partition wood studs are to be framed by with a second 2 by 4 in. wood stud fastened with 3 in. long 10d nails spaced a max. 16 in. OC. vertically. Maximum one non-bearing wall partition intersection per stud cavity. Non-bearing wall partition stud depth shall be at a minimum equal to the depth of the bearing wall.

13. Mesh Netting — (Not Shown) — Any thin, woven or non-woven fibrous netting material attached with staples to the outer face of

one row of studs to facilitate the installation of the sprayed fiber from the opposite row. 14. Mineral and Fiber Board* — (Optional, Not Shown) — For optional use as an additional layer on one side of wall, Nom 1/2 in. thick, 4 ft wide with long dimension parallel and centered over studs. Attached to framing with 2 in. long Type W steel screws, spaced 12 in. OC. The required UL Classified gypsum board layer(s) is/are to be installed as indicated as to fastener type and spacing, except that the required fastener length shall be increased by a minimum of 1/2 in. Not evaluated or intended as a substitute for the required

14A. Mineral and Fiber Board* — (Optional, Not Shown) — For use with Items 14B-14E) — For optional use as an additional layer on one side of wall. Nom 1/2 in. thick, 4 ft wide with long dimension parallel and centered over studs. Attached to framing with minimum 1-3/8 in. long ring shanked nails or 1-1/4 in. long Type W steel screws, spaced 12 in. OC along board edges and 24 in. OC in field of board along intermediate framing. Not evaluated or intended as a substitute for the required layer(s) of UL Classified Gypsum Board.

14B. Glass Fiber Insulation — (For use with Item 14A) — 3-1/2 in. thick glass fiber batts bearing the UL Classification Marking as to Surface Burning and/or Fire Resistance, placed to fill the interior of the wall. See Batts and Blankets (BKNV or BZJZ) categories for names of Classified companies

14C. Batts and Blankets* — (As an alternate to Item 14B, For use with Item 14A), 3 in. thick mineral wool batts, placed to fill interior of wall, attached to the 3-1/2 in. face of the studs with staples placed 24 in. OC.

down the length of both vertical edges of Mineral and Fiber Board (Item 14A). 14E. Gypsum Board* — (For use with Item 14A) — 5/8 in, thick, 4 ft wide, applied vertically over Mineral and Fiber Board (Item 14A) with vertical joints located anywhere over stud cavities. Secured to mineral and fiber boards with 1-1/2 in. Type G Screws spaced 8 in. OC along edges of each vertical joint and 12 in. OC in intermediate field of the Mineral and Fiber Board (Item 14A). Secured to outermost studs and bearing plates with 2 in. long Type S screws spaced 8 in. OC. Gypsum Board joints covered with paper tape and

14D. Adhesive — (For use with Item 14A) — Construction grade adhesive applied in vertical, serpentine, nominal 3/8 in, wide beads

AMERICAN GYPSUM CO — Type AG-C CERTAINTEED GYPSUM INC — Type C

joint compound. Screw heads covered with joint compound. Finish Rating 30 Min.

laver(s) of UL Classified Gypsum Board.

HOMASOTE CO — Homasote Type 440-32

CGC INC — Types C. IP-X2, IPC-AR

CERTAINTEED GYPSUM INC — Type LGFC-C/A **GEORGIA-PACIFIC GYPSUM L L C** — Types 5, DAPC, TG-C

NATIONAL GYPSUM CO — Types FSK-C, FSW-C

PABCO BUILDING PRODUCTS L.L.C. DBA PABCO GYPSUM — Type PG-C

intended as a substitute for the required layer(s) of UL Classified Gypsum Board.

THAI GYPSUM PRODUCTS PCL — Type C

USG BORAL DRYWALL SFZ LLC — Type C

BLUE RIDGE FIBERBOARD INC — SoundStop

UNITED STATES GYPSUM CO — Types C, IP-X2, IPC-AR

USG MEXICO S A DE C V — Types C, IP-X2, IPC-AR 14F. Mineral and Fiber Board — (Optional, Not Shown) — For optional use as an additional layer on one side of wall - Nom 1/2 in. thick, 4 ft wide, square edge fiber boards applied vertically to studs on one side of the wall in between the wood studs and the UL Classified Gypsum Board (Item 3). Fiber boards installed with 1-1/4 in. long, Type W, bugle head, coarse thread gypsum board screws spaced 12 in. OC max, with the last screws spaced 2 in. and 6 in. from edge of board. Gypsum board (Item 3) installed as indicated as to fastener type and spacing, except that the required fastener length shall be increased by a minimum of 1/2 in. Not evaluated or

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively Last Updated on 2022-02-14

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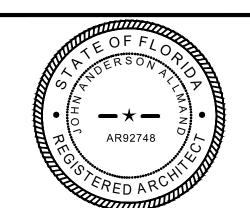
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