

ST LUCIE HIGH SCHOOL DDD Port St. Lucie, FL



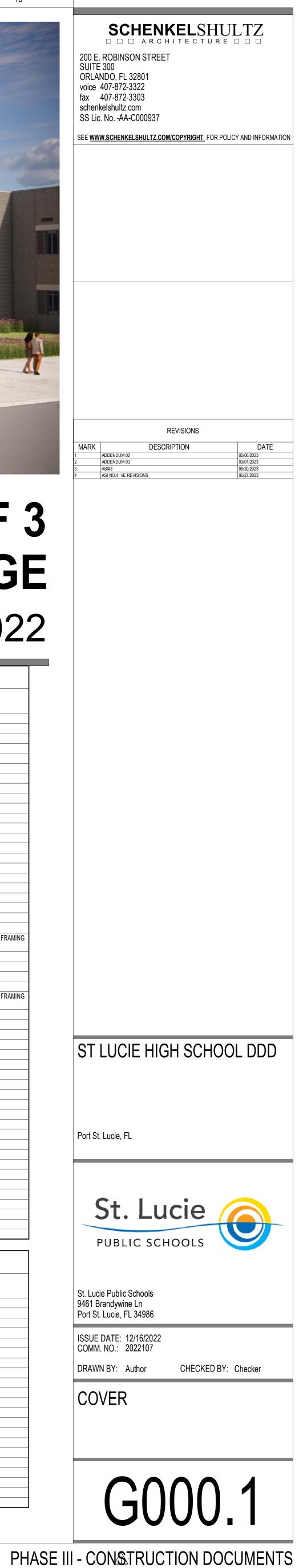
	SUBMITTAL LOG
ISSUE DATE	NAME
10/04/2022	PHASE II - DESIGN
12/16/2022	PHASE III - CONSTRUCTION DOCUMENTS
02/06/2023	ADDENDUM 2
03/01/2023	ADDENDUM 3
06/20/2023	ASI #3
06/27/2023	ASI NO.4 VE REVISIONS

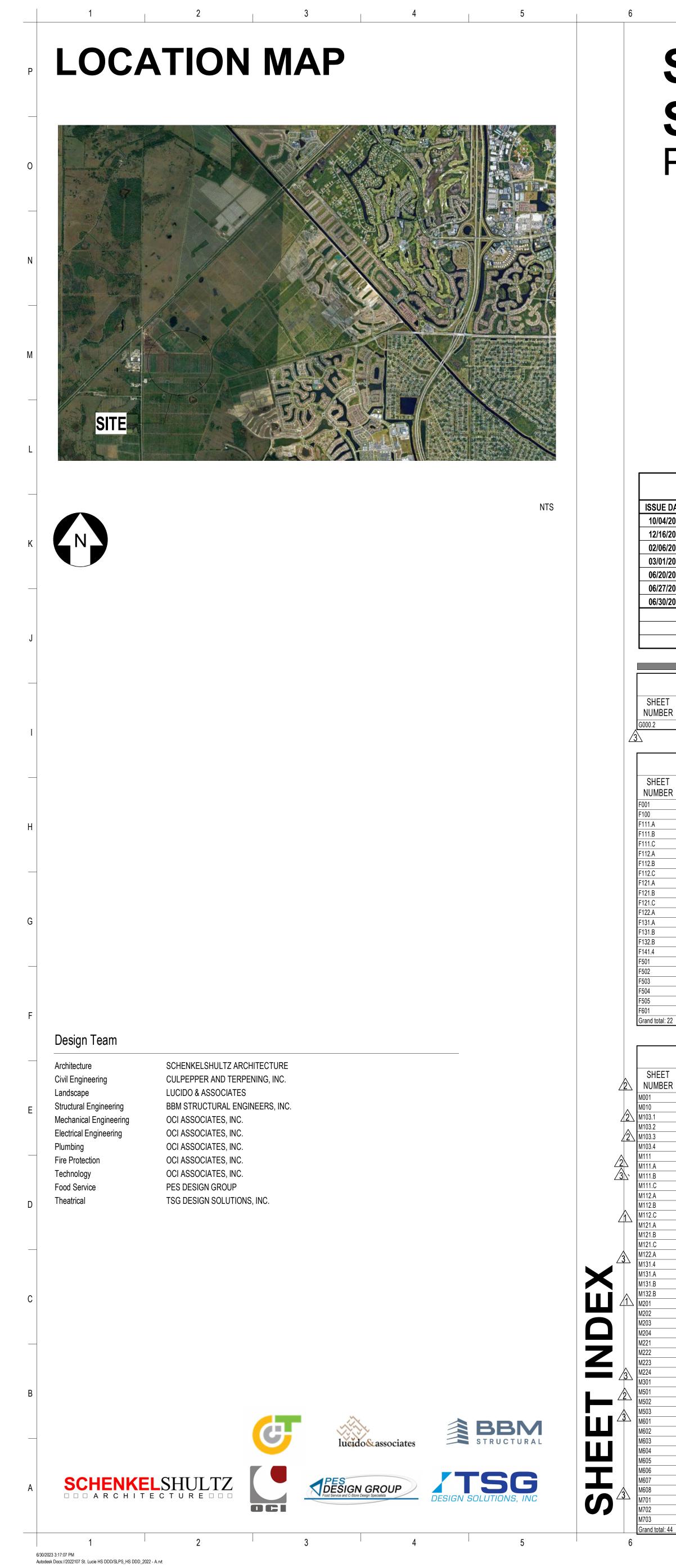
	GENERAL			A
SHEET	SHEET TITLE	23	AS010	0
G000.1	COVER		AS011	SIT
G001	IGENERAL INFORMATION AND ABBREVIATIONS		AS020	CA
G010	CODE SUMMARY & CALCULATIONS	\neg	AS021	CC
G012	BUILDING AREA PLANS AND SCHEDULES		AS215	CC
G022	ULASSEMBLIES	<u> </u>	AS216	CC
G023	UL ASSEMBLIES		AS400	0
6024	TUL ASSEMBLIES		AS401	EN
G025	ULASSEMBLIES		AS402	EN
G031	PARTITION TYPES & NOTES		AS502	TE
G032	PARTITION TYPES AND DETAILS		AS503	SC
G033	TYPICAL PARTITION DETAILS		AS504	PR
G034	TYPICAL PARTITION DETAILS		AS505	BA
G035	EXTERIOR WALL SYSTEM DETAILS - TILT WALL 01		AS510	SIT
G036	EXTERIOR WALL SYSTEM DETAILS - TILT WALL 02		AS511	SIT
G037	EXTERIOR WALL SYSTEM DETAILS - TILT WALL MISC		AS520	CA
G038	TILT WALL MOCK UP DETAILS	/3\	AS521	CC
G101	LIFE SAFETY PLAN BUILDING 1, 2 & 3 - OVERALL - 1ST FLR		AS522	CC
G101.1A	BUILDING 1 AREA 1A - LIFE SAFETY PLAN - 1ST FLR		Grand total: 20	
G101.1B	BUILDING 1 AREA 1B - LIFE SAFETY PLAN - 1ST FLR			
G101.1C	BUILDING 1 AREA 1C - LIFE SAFETY PLAN - 1ST FLR			
G101.2A	BUILDING 2 AREA 2A - LIFE SAFETY PLAN - 1ST FLR		SHEET	
G101.2B	BUILDING 2 AREA 2B AND BUILDING 4 - LIFE SAFETY PLAN - 1ST FLR	3	NUMBER	
G101.2C	BUILDING 2 AREA 2C - LIFE SAFETY PLAN - 1ST FLR	<u> </u>	A043	BL
G101.3A	BUILDING 3 AREA 3A - LIFE SAFETY PLAN - 1ST FLR		A043 A050	BL
G101.3B	BUILDING 3 AREA 3B - LIFE SAFETY PLAN - 1ST FLR		A030 A101.1A	BL
G102.1A	BUILDING 1 AREA 1A - LIFE SAFETY PLAN - 2ND FLR		A101.1A	BL
G102.1B	BUILDING 1 AREA 1B - LIFE SAFETY PLAN - 2ND FLR		A101.1D	BL
G102.1C	BUILDING 1 AREA 1C - LIFE SAFETY PLAN - 2ND FLR		A101.10	BL
Grand total: 28		<u>/2</u>	A101.2A A101.2B	BL
		<u> </u>	A101.2D	BL
		\wedge	A101.20 A101.3A	BL
			A101.3A A101.3B	BL

	LANDSCAPE]
SHEET NUMBER	SHEET TITLE	
100	LANDSCAPE KEY SHEET	
101	LANDSCAPE PLAN	
102	LANDSCAPE PLAN	1
103	LANDSCAPE PLAN	
104	LANDSCAPE PLAN]/
105	LANDSCAPE DETAILS 2	74
106	LANDSCAPE SPECIFICATIONS	
100	IRREGATION SHEET KEY	
101	IRREGATION PLAN	\square
102	IRREGATION PLAN	
103	IRREGATION PLAN ZZ	4
104	IRREGATION PLAN	
105	IRREGATION PLAN	_ ·
106	IRREGATION PLAN	
107	IRREGATION PLAN	
108	IRREGATION PUMP DETAILS & SPECIFICATIONS	
109	NETAFIM DETAILS & SPECIFICATIONS	
110	IRRIGATION DE TAILS	
111	HDPE NOTES	
112	IRREGATION NOTES	
113	IRRIGATION DETAILS	
114	HDPE NOTES	
115	IRREGATION NOTES	_
100	HARDSCAPE KEY SHEET	47
101	HARDSCAPE AREA DETAILS	
102	PLATER WORKPOINTS	_
103	PLATER WORKPOINTS	
104	PLATER WORKPOINTS	_
105	PLATER WORKPOINTS	╡,
106	PLATER WORKPOINTS	_ /
107	PLANTER DETAILS	_
108	PLANTER DETAILS	_
109	ARTIFICIAL TURF DETAILS	-1
and total: 33		_

	ARCHITECTURAL SITE			ARCHITECTURE				ARCHITECTURE			STRUCTURAL
	SHEET TITLE		SHEET	SHEET TITLE			HEET	SHEET TITLE		SHEET	SHEET TITLE
S010 S011	OVERALL ARCHITECTURAL SITE PLAN SITE SECURITY PLAN & TYPICAL FENCE ENCLOSURE DETAILS		NUMBER		_3		JMBER			NUMBE	
S020	CANOPIES - MATERIAL TAKE-OFF			BLDG 1 AREA 1C - FINISH PLAN - 2ND FLR EQUIPMENT & FURNITURE SCHEDULES AND LEGENDS		A350 A351		WALL SECTIONS REFERENCE PLANS BLDG 1 - WALL SECTIONS	_	S001 S002	STRUCTURAL GENERAL NOTES STRUCTURAL GENERAL NOTES
S021	COURTYARD FENCING - MATERIAL TAKE-OFF			BLDG 1 AREA 1A - EQUIPMENT & FURN PLAN - 1ST FLR		A352		BLDG 1 - WALL SECTIONS	-	S003	STRUCTURAL GENERAL NOTES
\$215	COURTYARD GATE ELEVATIONS			BLDG 1 AREA 1B - EQUIPMENT & FURN PLAN - 1ST FLR	3	A353		BLDG 1 - WALL SECTIONS		S004	STRUCTURAL GENERAL NOTES & ABBREVIATIONS
3210				BLDG 1 AREA 1C - EQUIPMENT & FURN PLAN - 1ST FLR		A354		BLDG 1 - WALL SECTIONS		S005	STRUCTURAL GENERAL NOTES & SYMBOL LEGEND
S400 S401	OVERALL COURTYARD PLAN ENLARGED COURTYARD PLANS			BLDG 2 AREA 2A - EQUIPMENT & FURN PLAN - 1ST FLR		A355		BLDG 2 - WALL SECTIONS	_	S006	
S401 S402	ENLARGED COURTYARD PLANS		4	BLDG 2 AREA 2B - EQUIPMENT & FURN PLAN - 1ST FLR BLDG 2 AREA 2C - EQUIPMENT & FURN PLAN - 1ST FLR		A356 A357		BLDG 2 - WALL SECTIONS BLDG 3 - WALL SECTIONS		S050 S101.1A	BUILDINGS 1, 2 & 3 - OVERALL PLAN BUILDING 1 AREA 1A - FOUNDATION PLAN
S502	TENNIS AND BASKETBALL COURTS PLANS AND MISC DETAILS			BLDG 3 AREA 3A - EQUIPMENT & FURN PLAN - 1ST FLR	_2	A358		BLDG 3 - WALL SECTIONS		S101.1R	BUILDING 1 AREA 1B - FOUNDATION PLAN
S503	SOFTBALL FIELD DETAILS	/3\	A181.3B	BLDG 3 AREA 3B - EQUIPMENT & FURN PLAN - 1ST FLR		A359		BLDG 3 - WALL SECTIONS		S101.1C	BUILDING 1 AREA 1C - FOUNDATION PLAN
3504	PRACTICE FIELDS			BLDG 4 - EQUIPMENT & FURN PLANS - 1ST FLR		A361		SECTIONS THRU MUSIC PRACTICE ROOMS		S101.2A	BUILDING 2 AREA 2A - FOUNDATION PLAN
S505 S510	BASEBALL FIELD AND DETAILS SITE DETAILS - MISC			BLDG 1 AREA 1A - EQUIPMENT & FURN PLAN - 2ND FLR	/3	A431		ENLARGED GYMNASIUM FLOOR PATTERN PLANS	1\	S101.2B	BUILDING 2 AREA 2B - FOUNDATION PLAN
S510	SITE DETAILS - MISC			BLDG 1 AREA 1B - EQUIPMENT & FURN PLAN - 2ND FLR BLDG 1 AREA 1C - EQUIPMENT & FURN PLAN - 2ND FLR		A432 A461		ENLARGED FLOOR PLAN - CASEWORK ENLARGED FLOOR PLANS - TOILET FIXTURES, ACCESSORIES & DETAILS	-	S101.2C S101.3A	BUILDING 2 AREA 2C - FOUNDATION PLAN BUILDING 3 AREA 3A - FOUNDATION PLAN
S520	CANOPY DETAILS			SIGNAGE TYPES & NOTES		A461		ENLARGED FLOOR PLANS - TOILET FIXTORES, ACCESSORIES & DETAILS	-1	S101.3A	BUILDING 3 AREA 3B - FOUNDATION PLAN
S521	COLUMN DETAILS - CANOPIES	3		SIGNAGE TYPES & NOTES		A463		ENLARGED FLOOR PLANS - TOILETS - BLDGS 1 & 2		S101.4	BUILDINGS 4 & 5 - FOUNDATION PLAN & ROOF FRAMING PLAN
5522	COLUMN DETAILS - CANOPIES	∕2∖		BLDG 1 AREA 1A - SIGNAGE PLAN - 1ST FLR		A464		ENLARGED FLOOR PLANS - TOILETS - BLDG 2		S102.1A	BUILDING 1 AREA 1A - SECOND FLOOR FRAMING PLAN
and total: 20		1		BLDG 1 AREA 1B - SIGNAGE PLAN - 1ST FLR		A465		ENLARGED FLOOR PLANS - TOILETS - BLDG 3		S102.1B	BUILDING 1 AREA 1B - SECOND FLOOR FRAMING PLAN
	ARCHITECTURE			BLDG 1 AREA 1C - SIGNAGE PLAN - 1ST FLR		A481		ENLARGED FLOOR PLANS - STAIRS A AND A1- BUILDING 1	_	S102.1C	BUILDING 1 AREA 1C - SECOND FLOOR FRAMING PLAN
QUEET		1		BLDG 2 AREA 2A - SIGNAGE PLAN - 1ST FLR BLDG 2 AREA 2B - SIGNAGE PLAN - 1ST FLR		A482 A483		ENLARGED FLOOR PLANS - STAIRS BUILDING 1 ENLARGED FLOOR PLANS - STAIRS AND RAMPS BUILDING 3		S103.1A S103.1B	BUILDING 1 AREA 1A - ROOF FRAMING PLAN BUILDING 1 AREA 1B -ROOF / HIGH ROOF FRAMING PLAN
SHEET NUMBER	SHEET TITLE			BLDG 2 AREA 2D - SIGNAGE PLAN - IST FLR BLDG 2 AREA 2C - SIGNAGE PLAN - IST FLR		A465 A484		ENLARGED FLOOR FLANS - STAIRS AND RAMPS BUILDING 3	-1 $\angle 1$	S103.1B S103.1C	BUILDING 1 AREA 10 - ROOF FRAMING PLAN BUILDING 1 AREA 1C - ROOF FRAMING PLAN
		{		BLDG 3 AREA 3A - SIGNAGE PLAN - 1ST FLR		A485		SECTIONS - STAIRS A AND A1	-	S103.2A	BUILDING 2 AREA 2A - ROOF FRAMING PLAN & MEZZANINE FLOOR FRAMIN
43 50	BLDG 3 - OVERALL SLAB PLAN BLDG 1, 2 & 3 - OVERALL FLOOR PLANS	1		BLDG 3 AREA 3B - SIGNAGE PLAN - 1ST FLR		A486		SECTIONS - STAIRS B, B1, C AND C1			PLAN
50 01.1A	BLDG 1, 2 & 3 - OVERALL FLOOR PLANS BLDG 1 AREA 1A - 1ST FLR PLAN	1	A191.4	BLDG 4 - SIGNAGE PLANS - 1ST FLR	3	A487		SECTIONS - RAMP& STAIR E, F, H AND RAMP G	_	S103.2A.1	BUILDING 2 AREA 2A - HIGH ROOF FRAMING PLAN
01.1A	BLDG 1 AREA 18 - 1ST FLR PLAN	1		BLDG 1 AREA 1A - SIGNAGE PLAN - 2ND FLR		A488		SECTIONS - STAIRS F, L, M, M1, AND RAMPS L, L1, M, M1, P, Q, AND R	A.	S103.2B	BUILDING 2 AREA 2B - ROOF FRAMING PLAN
)1.1C	BLDG 1 AREA 1C - 1ST FLR PLAN	1		BLDG 1 AREA 1B - SIGNAGE PLAN - 2ND FLR		A489		TYPICAL STAIR HAND & GUARD RAILING DETAILS - CONCRETE STAIRS		S103.2C S103.3A	BUILDING 2 AREA 2C - ROOF FRAMING PLAN BUILDING 3 AREA 3A - ROOF FRAMING PLAN
)1.2A)1.2B	BLDG 2 AREA 2A - 1ST FLR PLAN			BLDG 1 AREA 1C - SIGNAGE PLAN - 2ND FLR EXTERIOR ELEVATIONS REFERENCE PLANS	∧	A490 A491		TYPICAL STAIR HAND & GUARD RAILING DETAILS - STEEL STAIRS ENLARGED PLANS, SECTION AND DETAILS - ELEVATOR	-	S103.3A S103.3B	BUILDING 3 AREA 38 - ROOF FRAMING PLAN BUILDING 3 AREA 3B - ROOF FRAMING PLAN & MEZZANINE FLOOR FRAMI
)1.2B	BLDG 2 AREA 2B - 1ST FLR PLAN	3		EXTERIOR ELEVATIONS REPERENCE PLANS	<u> </u>	A492		MISC RAILING & EXTERIOR DETAILS	_	0100.00	PLAN
1.2C	BLDG 2 AREA 2C - 1ST FLR PLAN	I .		BLDG 1 - OVERALL EXTERIOR ELEVATIONS		A495		ENLARGED EXTERIOR ADMIN CANOPY PLANS, ELEVATIONS, DETAILS	-	S201	FOUNDATION SECTIONS & DETAILS
1.3A 1.3B	BLDG 3 AREA 3A - 1ST FLR PLAN BLDG 3 AREA 3B - 1ST FLR PLAN			BLDG 2 - OVERALL EXTERIOR ELEVATIONS		A496		ENLARGED EXTERIOR GYMNASIUM CANOPY PLAN, ELEVATIONS, AND		S202	FOUNDATION SECTIONS & DETAILS
)1.4	BLDG 3 AREA 3D - 131 FER FLAN BLDG 4 - FLOOR PLAN AND FINISH PLAN		A204	BLDG 3 - OVERALL EXTERIOR ELEVATIONS				SECTION		5205	FOUNDATION SECTIONS & DETAILS
1.5	BLDG 5 - FLOOR PLANS, RCP, SECTIONS, ELEVATIONS, AND SIGNAGE PLAN			BLDG 1 - EXTERIOR ELEVATIONS	$-\frac{7}{3}$	A501 A502		DOOR SCHEDULES - BLDG 1 1ST FLR, BLDG 4 & 5, COURTYARD	-3	S204 S301	FOUNDATION SECTIONS & DETAILS FLOOR FRAMING SECTIONS & DETAILS
2.1A	BLDG 1 AREA 1A - 2ND FLR PLAN	1		BLDG 1 - EXTERIOR ELEVATIONS		A502 A503		DOOR SCHEDULE - BLDG 1 2ND FLOOR DOOR SCHEDULES - BLDG 2		S302	FLOOR FRAMING SECTIONS & DETAILS
2.1B	BLDG 1 AREA 1B - 2ND FLR AND CLERESTORY PLANS		A207	BLDG 1 - EXTERIOR ELEVATIONS		A503		DOOR SCHEDULES - BLDG 2	-	S401	ROOF FRAMING SECTIONS & DETAILS
02.1C	BLDG 1 AREA 1C - 2ND FLR PLAN			BLDG 1 - EXTERIOR ELEVATIONS BLDG 2 - EXTERIOR ELEVATIONS				DOOR, FRAME AND WINDOW TYPES	_	S402	ROOF FRAMING SECTIONS & DETAILS
04 21.1A	BLDG 2 & 3 MEZZANINE FLR PLANS BLDG 1 AREA 1A - DIMENSION PLAN - 1ST FLR	<u>/122</u>	1	BLDG 2 - EXTERIOR ELEVATIONS		A507		ALUMINUM STOREFRONT		S403	ROOF FRAMING SECTIONS & DETAILS
21.1A	BLDG 1 AREA 1A - DIMENSION PLAN - 1ST FLR			BLDG 3 - EXTERIOR ELEVATIONS		A508		ALUMINUM STOREFRONT		S501	TILT-UP REINFORCING, NOTES & DETAILS
121.15	BLDG 1 AREA 1E DIMENSION PLAN 1ST FLR			BLDG 3 - EXTERIOR ELEVATIONS		A509		LOUVER TYPES		S501.1	TILT-UP PANEL CONNECTIONS
21.24	BLDG TAREA 24 - DIMENSION FLAN - 151 FLR			BLDG 3 AND 4 - EXTERIOR ELEVATIONS	$ \land $	A510 A511		DETAILS - DOOR & WINDOW	_	S502	TILT-UP PANEL ELEVATIONS - BUILDING 1
21.2B	BLDG 2 AREA 2B - DIMENSION PLAN - 1ST FLR			BLDG 1 - INTERIOR ELEVATIONS				DETAILS - DOOR & WINDOW	_	S503 S504	TILT-UP PANEL ELEVATIONS - BUILDING 1 TILT-UP PANEL ELEVATIONS - BUILDING 1
21.2C	BLDG 2 AREA 2C - DIMENSION PLAN - 1ST FLR			BLDG 1 - INTERIOR ELEVATIONS	-/2	A512 A513		DETAILS - DOOR & WINDOW DETAILS - DOOR & WINDOW	_	S505	TILT-UP PANEL ELEVATIONS - BUILDING 1
21.3A	BLDG 3 AREA 3A - DIMENSION PLAN - 1ST FLR 2] <u> </u>	1	BLDG 1 - INTERIOR ELEVATIONS BLDG 1 - INTERIOR ELEVATIONS		A513		DETAILS - DOOR & WINDOW DETAILS - DOOR & WINDOW	_	S506	TILT-UP PANEL ELEVATIONS - BUILDING 2
121.3B	BLDG 3 AREA 3B - DIMENSION PLAN - 1ST FLR			BLDG 1 - INTERIOR ELEVATIONS		A515		DETAILS - DOOR & WINDOW	-	S507	TILT-UP PANEL ELEVATIONS -BUILDING 2
21.4	BLDG 4 - DIMENSION PLAN - 1ST FLR	3		BLDG 2 - INTERIOR ELEVATIONS		A516		MISC DETAILS		S508	TILT-UP PANEL ELEVATIONS - BUILDING 3
21.5 22.1A	BLDG 2 & 3 MEZZANINE - DIMENSION PLANS BLDG 1 AREA 1A - DIMENSION PLAN - 2ND FLR	$\left \overset{\circ}{\bigtriangleup} \right $		BLDG 2 - INTERIOR ELEVATIONS		A521		DETAILS - EXTERIOR	4	S509	TILT-UP PANEL ELEVATIONS - BUILDING 3
	BLDG LAREA HE DIMENSION FLAN - 2ND FLIN		A261	BLDG 2 - INTERIOR ELEVATIONS	^	A523		BELOW GRADE WATERPROOFING DETAILS	<u>/3\</u> `	S601 S602	SCHEDULES SCHEDULES
	BLDG 1 AREA 18 DIMENSION PLAN 2ND FLR AND CLERESTORY BLDG 1 AREA 1C - DIMENSION PLAN - 2ND FLR CEILING LEGEND, NOTES & PLANS	-		BLDG 2 - INTERIOR ELEVATIONS	/3	A524 A525		BELOW GRADE WATERPROOFING DETAILS DETAILS - EXTERIOR - COLUMN EXTERIOR ELEVATIONS	- <u>A</u> .	S603	WIND SCHEDULES
40	CEILING LEGEND, NOTES & PLANS			BLDG 2 - INTERIOR ELEVATIONS		A525 A541		DETAILS - EXTERIOR - COLUMIN EXTERIOR ELEVATIONS		Grand total: 5	
41.1A	BLDG 1 AREA 1A - RCP - 1ST FLR	1/1		BLDG 2 - INTERIOR ELEVATIONS BLDG 2 - INTERIOR ELEVATIONS		A541 A542		DETAILS - CEILING DETAILS - CEILING	-		
1.1B	BLDG 1 AREA 1B - RCP - 1ST FLR	⁄3\		BLDG 2 - INTERIOR ELEVATIONS BLDG 2 - INTERIOR ELEVATIONS		A543		DETAILS - CEILING	-		
1.1C	BLDG 1 AREA 1C - RCP - 1ST FLR			BLDG 3 - INTERIOR ELEVATIONS		A544		DETAILS - CEILING			FOOD SERVICE
1.2A	BLDG 2 AREA 2A - RCP - 1ST FLR BLDG 2 AREA 2B - RCP - 1ST FLR			BLDG 3 - INTERIOR ELEVATIONS		A551		DETAILS - ROOF	_	SHEET	•
1.2B 1.2C	BLDG 2 AREA 2D - RCP - 1ST FLR	1		BLDG 3 - INTERIOR ELEVATIONS	🔊	A552 A553		DETAILS - ROOF	_	NUMBE	R SHEET TITLE
1.3A	BLDG 3 AREA 3A - RCP - 1ST FLR			BLDG 3 - INTERIOR ELEVATIONS				DETAILS - ROOF DETAILS - ROOF	-	FS101.1	FOODSERVICE EQUIPMENT GENERAL NOTES AND DETAILS
.3B	BLDG 3 AREA 3B - RCP - 1ST FLR	<u> </u>		BLDG 3 - INTERIOR ELEVATIONS BLDG 3 - INTERIOR ELEVATIONS	A	A554 A559		DETAILS - ROOF DETAILS - INTERIOR	- 3.	FS102.1	FOODSERVICE EQUIPMENT PLAN
1.4	BLDG 4 - RCP - 1ST FLR			BLDG 3 - INTERIOR ELEVATIONS BLDG 3 - INTERIOR ELEVATIONS	-	1		DETAILS - INTERIOR		FS102.2	FOODSERVICE EQUIPMENT SCHEDULE
1.5	BLDG 2 & 3 MEZZANINE - RCP			BLDG 3 - INTERIOR ELEVATIONS		A564		DETAILS - INTERIOR		FS102.3	FOODSERVICE EQUIPMENT SCHEDULE
2.1A 2.1B	BLDG 1 AREA 1A - RCP - 2ND FLR BLDG 1 AREA 1B - RCP - 2ND FLR			BLDG 3 - INTERIOR ELEVATIONS		A565		DETAILS - INTERIOR		FS102.4	
2.1B 2.1C	BLDG 1 AREA 1B - RCP - 2ND FLR BLDG 1 AREA 1C - RCP - 2ND FLR		A276	BLDG 3 - INTERIOR ELEVATIONS		A570		CASEWORK DETAILS	_	FS102.5	
	BLDG 1 - ROOF PLAN, LEGEND AND GENERAL NOTES	1		BLDG 3 - INTERIOR ELEVATIONS		A571				FS102.6 FS102.7	FOODSERVICE PLUMBING PLAN FOODSERVICE PLUMBING SCHEDULE
1.1 1.2	BLDG 2 - ROOF PLAN	1		BLDG 3 - INTERIOR ELEVATIONS		A572 Grand	d total: 205	CASEWORK DETAILS		FS102.8	FOODSERVICE FLOOR RECESS PLAN
1.3	BLDG 3 - ROOF PLAN	1		BLDG 1 & 2 - INTERIOR ELEVATIONS TOILET ROOM ELEVATIONS			a ເບເຕI. 200			FS102.9	FOODSERVICE MECHANICAL PLAN
1.4	BLDG 4 - ROOF PLAN			TOILET ROOM ELEVATIONS		F1.0 F1.1A		OVERALL FISH SITE PLAN BLDG 1 AREA A FISH PLAN - FIRST FLOOR		FS102.10	FOODSERVICE REFLECTED CEILING PLAN
))) 1	FINISH GENERAL NOTES, LEGEND, SCHEDULE AND DET.	⁄3\		TOILET ROOM ELEVATIONS		F1.1A		BLDG 1 AREA FISH PLAN - FIRST FLOOR	<u> </u>	FS201.1	FOODSERVICE ELEVATIONS
0.1 1.1A	DETAILS - INTERIOR BLDG 1 AREA 1A - FINISH PLAN - 1ST FLR	1		BUILDING SECTIONS REFERENCE PLANS		F1.1C		BLDG 1 AREA C FISH PLAN - FIRST FLOOR	$-\frac{\sqrt{3}}{\sqrt{3}}$	FS201.2	
1.1A 1.1B	BLDG 1 AREA 1A - FINISH PLAN - 1ST FLR BLDG 1 AREA 1B - FINISH PLAN - 1ST FLR	1	A301	BLDG 1 - BUILDING SECTIONS		F1.2A		BLDG 1 AREA A FISH PLAN - SECOND FLOOR	1	FS301.1	FOODSERVICE HOOD DETAILS FOODSERVICE HOOD DETAILS
1.1C	BLDG 1 AREA 1C - FINISH PLAN - 1ST FLR			BLDG 1 - BUILDING SECTIONS		F1.2B		BLDG 1 AREA B FISH PLAN - SECOND FLOOR		FS301.2 FS301.3	FOODSERVICE HOOD DETAILS
1.10 1.2A	BLDG 2 AREA 2A - FINISH PLAN - 1ST FLR			BLDG 1 - BUILDING SECTIONS		F1.2C		BLDG 1 AREA C FISH PLAN - SECOND FLOOR		FS301.3 FS301.4	FOODSERVICE HOOD DETAILS
1.2B	BLDG 2 AREA 2B - FINISH PLAN - 1ST FLR			BLDG 2 - BUILDING SECTIONS		F2.1A		BLDG 2 AREA A FISH PLAN	- ·	FS301.5	FOODSERVICE HOOD DETAILS
1.2C	BLDG 2 AREA 2C - FINISH PLAN - 1ST FLR			BLDG 2 - BUILDING SECTIONS BLDG 3 - BUILDING SECTIONS		F2.1B		BLDG 2 AREA B FISH PLAN	$-\frac{3}{3}$	FS301.6	FOODSERVICE HOOD DETAILS
1.3A	BLDG 3 AREA 3A - FINISH PLAN - 1ST FLR			BLDG 3 - BUILDING SECTIONS BLDG 3 - BUILDING SECTIONS		F2.1C F3.1A		BLDG 2 AREA C FISH PLAN BLDG 3 AREA A FISH PLAN	+	FS401.1	FOODSERVICE WALK-IN DETAILS
1.3B	BLDG 3 AREA 3B - FINISH PLAN - 1ST FLR & MEZZANINE	-		BLDG 3 AND 4 - BUILDING SECTIONS		F3.1A		BLDG 3 AREA B FISH PLAN	-	Grand total: 2	0
2.1A 2.1B	BLDG 1 AREA 1A - FINISH PLAN - 2ND FLR BLDG 1 AREA 1B - FINISH PLAN - 2ND FLR	1				F4.1		BLDG 2 MECH AND BLDG 3 MEZZ AND BLDG 4 FISH PLANS	1		
10		L				Grand	d total: 12		1		

VOLUME 2 OF 3 **GMP-2 MAIN PACKAGE** 12/16/2022





ST LUCIE HIGH SCHOOL DDD Port St. Lucie, FL



	SUBMITTAL LOG
ISSUE DATE	NAME
10/04/2022	PHASE II - DESIGN
12/16/2022	PHASE III - CONSTRUCTION DOCUMENTS
02/06/2023	ADDENDUM 2
03/01/2023	ADDENDUM 3
06/20/2023	ASI #3
06/27/2023	ASI NO.4 VE REVISIONS
06/30/2023	ASI NO.5

	GENERAL
SHEET	
NUMBER	SHEET TITLE
000.2	COVER
000.2	
·	
	FIRE PROTECTION
SHEET NUMBER	SHEET TITLE
001	GENERAL NOTES & LEGEND - FIRE PROTECTION
100	SITE PLAN - FIRE PROTECTION
111.A	BLDG 1 AREA 1A - 1ST FLR PLAN - FIRE PROTECTION
111.B	BLDG 1 AREA 1B - 1ST FLR PLAN - FIRE PROTECTION
111.C	BLDG 1 AREA 1C - 1ST FLR PLAN - FIRE PROTECTION
112.A	BLDG 1 AREA 1A - 2ND FLR PLAN - FIRE PROTECTION
112.B	BLDG 1 AREA 1B - 2ND FLR PLAN - FIRE PRPOTECTION
112.C	BLDG 1 AREA 1C - 2ND FLR PLAN - FIRE PROTECTION
121.A	BLDG 2 AREA 2A - 1ST FLR PLAN - FIRE PROTECTION
121.B	BLDG 2 AREA 2B - 1ST FLR PLAN - FIRE PROTECTION
121.C	BLDG 2 AREA 2C - 1ST FLR PLAN - FIRE PROTECTION
122.A	BLDG 2 AREA 2A - MEZZANINE FLR PLAN - FIRE PROTECTION
131.A	BLDG 3 AREA 3A - 1ST FLR PLAN - FIRE PROTECTION
131.B	BLDG 3 AREA 3B - 1ST FLR PLAN - FIRE PROTECTION
132.B	BLDG 3 AREA 3B - MEZZANINE FLR PLAN - FIRE PROTECTION
141.4	BLDG 4 - FLOOR PLAN - FIRE PROTECTION
501	FIRE PUMP DETAILS - FIRE PROTECTION
502	RISER DETAILS - FIRE PROTECTION
503	RISER DETAILS - FIRE PROTECTION
504	DETAILS - FIRE PROTECTION
505	DETAILS - FIRE PROTECTION
601	SCHEDULE - FIRE PROTECTION

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SHEET JUMBERSHEET TITLE01GENERAL NOTES AND LEGEND10OVERALL SITE PLAN - H.V.A.C.03.1BUILDING 1 - ROOF PLAN - H.V.A.C.03.2BUILDING 2 - ROOF PLAN - H.V.A.C.03.3BUILDING 3 - ROOF PLAN - H.V.A.C.03.4BLDG 4 AND 5 ROOF PLAN - H.V.A.C.11BLDG 2 & 3 MEZZANINE FLR PLANS - H.V.A.C.11.4BLDG 1 AREA 1A - 1ST FLR PLAN - H.V.A.C.11.5BLDG 1 AREA 1A - 1ST FLR PLAN - H.V.A.C.11.6BLDG 1 AREA 1A - 1ST FLR PLAN - H.V.A.C.11.7BLDG 1 AREA 1B - 1ST FLR PLAN - H.V.A.C.11.8BLDG 1 AREA 1A - 2ND FLR PLAN - H.V.A.C.12.4BLDG 1 AREA 1A - 2ND FLR PLAN - H.V.A.C.12.5BLDG 1 AREA 1B - 2ND FLR PLAN - H.V.A.C.12.6BLDG 1 AREA 1G - 2ND FLR PLAN - H.V.A.C.12.7BLDG 2 AREA 2A - 1ST FLR PLAN - H.V.A.C.21.8BLDG 2 AREA 2A - 1ST FLR PLAN - H.V.A.C.22.4BLDG 2 AREA 2A - 1ST FLR PLAN - H.V.A.C.21.6BLDG 2 AREA 2A - 1ST FLR PLAN - H.V.A.C.22.7BLDG 2 AREA 2A - 2ND FLR PLAN - H.V.A.C.23.8BLDG 3 AREA 3A - 1ST FLR PLAN - H.V.A.C.24.9BLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C.25.9BLDG 3 AREA 3B - 2ND FLR PLAN - H.V.A.C.26.01BUILDING 1 - ENLARGED FLOOR PLANS - H.V.A.C.27.02BUILDING 2 - ENLARGED FLOOR PLANS - H.V.A.C.28BLDG 3 AREA 3B - 2ND FLR PLAN - H.V.A.C.29BUILDING 3 - ENLARGED FLOOR PLANS - H.V.A.C.201BUILDING 1 - ENLARGED FLOOR PLANS - H.V.A.C.202BUILDING 1 - SECTION FLO	
10 OVERALL SITE PLAN - H.V.A.C. 03.1 BUILDING 1 - ROOF PLAN - H.V.A.C. 03.2 BUILDING 2 - ROOF PLAN - H.V.A.C. 03.3 BUILDING 3 - ROOF PLAN - H.V.A.C. 03.4 BLDG 4 AND 5 ROOF PLANS - H.V.A.C. 03.4 BLDG 2 & 3 MEZZANINE FLR PLANS - H.V.A.C. 11 BLDG 2 & 3 MEZZANINE FLR PLANS - H.V.A.C. 11.A BLDG 1 AREA 1A - 1ST FLR PLAN - H.V.A.C. 11.B BLDG 1 AREA 1B - 1ST FLR PLAN - H.V.A.C. 11.C BLDG 1 AREA 1A - 2ND FLR PLAN - H.V.A.C. 12.A BLDG 1 AREA 1A - 2ND FLR PLAN - H.V.A.C. 12.B BLDG 1 AREA 1B - 2ND FLR PLAN - H.V.A.C. 12.C BLDG 1 AREA 1B - 2ND FLR PLAN - H.V.A.C. 21.A BLDG 2 AREA 2A - 1ST FLR PLAN - H.V.A.C. 21.B BLDG 2 AREA 2B - 1ST FLR PLAN - H.V.A.C. 21.C BLDG 2 AREA 2A - 2ND FLR PLAN - H.V.A.C. 22.A BLDG 2 AREA 2A - 2ND FLR PLAN - H.V.A.C. 31.A BLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C. 31.A BLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C. 32.B BLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C. 32.B BLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C. 32.B BLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C.<	
33.1 BUILDING 1 - ROOF PLAN - H.V.A.C. 33.2 BUILDING 2 - ROOF PLAN - H.V.A.C. 33.3 BUILDING 3 - ROOF PLAN - H.V.A.C. 33.4 BLDG 4 AND 5 ROOF PLANS - H.V.A.C. 11 BLDG 2 & 3 MEZZANINE FLR PLANS - H.V.A.C. 11.1 BLDG 1 AREA 1A - 1ST FLR PLAN - H.V.A.C. 11.1.A BLDG 1 AREA 1A - 1ST FLR PLAN - H.V.A.C. 11.1.B BLDG 1 AREA 1B - 1ST FLR PLAN - H.V.A.C. 11.1.C BLDG 1 AREA 1C - 1ST FLR PLAN - H.V.A.C. 12.A BLDG 1 AREA 1A - 2ND FLR PLAN - H.V.A.C. 12.A BLDG 1 AREA 1A - 2ND FLR PLAN - H.V.A.C. 12.A BLDG 1 AREA 1A - 2ND FLR PLAN - H.V.A.C. 12.B BLDG 1 AREA 1C - 2ND FLR PLAN - H.V.A.C. 12.C BLDG 2 AREA 2A - 1ST FLR PLAN - H.V.A.C. 21.A BLDG 2 AREA 2B - 1ST FLR PLAN - H.V.A.C. 21.B BLDG 2 AREA 2A - 1ST FLR PLAN - H.V.A.C. 22.A BLDG 2 AREA 2A - 2ND FLR PLAN - H.V.A.C. 23.A BLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C. 31.4 BLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C. 32.A BLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C. 33.A BLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C. 31.A BLDG 3 AREA 3B - 1ST F	
33.2 BUILDING 2 - ROOF PLAN - H.V.A.C. 33.3 BUILDING 3 - ROOF PLAN - H.V.A.C. 33.4 BLDG 4 AND 5 ROOF PLANS - H.V.A.C. 11 BLDG 2 & 3 MEZZANINE FLR PLANS - H.V.A.C. 11.1 BLDG 1 AREA 1A - 1ST FLR PLAN - H.V.A.C. 11.1.A BLDG 1 AREA 1A - 1ST FLR PLAN - H.V.A.C. 11.1.B BLDG 1 AREA 1B - 1ST FLR PLAN - H.V.A.C. 11.1.C BLDG 1 AREA 1C - 1ST FLR PLAN - H.V.A.C. 12.A BLDG 1 AREA 1A - 2ND FLR PLAN - H.V.A.C. 12.B BLDG 1 AREA 1B - 2ND FLR PLAN - H.V.A.C. 12.C BLDG 1 AREA 1B - 2ND FLR PLAN - H.V.A.C. 12.C BLDG 2 AREA 2A - 1ST FLR PLAN - H.V.A.C. 21.A BLDG 2 AREA 2B - 1ST FLR PLAN - H.V.A.C. 21.B BLDG 2 AREA 2B - 1ST FLR PLAN - H.V.A.C. 22.A BLDG 2 AREA 2A - 2ND FLR PLAN - H.V.A.C. 22.A BLDG 3 AREA 3A - 1ST FLR PLAN - H.V.A.C. 31.4 BLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C. 32.B BLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C. 32.B BLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C. 32.B BLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C. 32.B BLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C. 32.B BLDG 3 AREA 3B	
33.3 BUILDING 3 - ROOF PLAN - H.V.A.C. 33.4 BLDG 4 AND 5 ROOF PLANS - H.V.A.C. 11 BLDG 2 & 3 MEZZANINE FLR PLANS - H.V.A.C. 11.A BLDG 1 AREA 1A - 1ST FLR PLAN - H.V.A.C. 11.A BLDG 1 AREA 1B - 1ST FLR PLAN - H.V.A.C. 11.C BLDG 1 AREA 1B - 1ST FLR PLAN - H.V.A.C. 12.A BLDG 1 AREA 1C - 1ST FLR PLAN - H.V.A.C. 12.A BLDG 1 AREA 1A - 2ND FLR PLAN - H.V.A.C. 12.A BLDG 1 AREA 1A - 2ND FLR PLAN - H.V.A.C. 12.A BLDG 1 AREA 1A - 2ND FLR PLAN - H.V.A.C. 12.B BLDG 1 AREA 1C - 2ND FLR PLAN - H.V.A.C. 21.A BLDG 2 AREA 2A - 1ST FLR PLAN - H.V.A.C. 21.A BLDG 2 AREA 2A - 1ST FLR PLAN - H.V.A.C. 21.B BLDG 2 AREA 2A - 1ST FLR PLAN - H.V.A.C. 22.A BLDG 2 AREA 2A - 2ND FLR PLAN - H.V.A.C. 22.A BLDG 3 AREA 3A - 1ST FLR PLAN - H.V.A.C. 31.A BLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C. 32.B BLDG 3 AREA 3B - 2ND FLR PLAN - H.V.A.C. 32.B BLDG 3 AREA 3B - 2ND FLR PLAN - H.V.A.C. 32.B BLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C. 32.B BLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C. 32.B BLDG 3 AREA 3B	
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11 BLDG 2 & 3 MEZZANINE FLR PLANS - H.V.A.C. 11.A BLDG 1 AREA 1A - 1ST FLR PLAN - H.V.A.C. 11.B BLDG 1 AREA 1B - 1ST FLR PLAN - H.V.A.C. 11.C BLDG 1 AREA 1C - 1ST FLR PLAN - H.V.A.C. 12.A BLDG 1 AREA 1A - 2ND FLR PLAN - H.V.A.C. 12.A BLDG 1 AREA 1A - 2ND FLR PLAN - H.V.A.C. 12.B BLDG 1 AREA 1B - 2ND FLR PLAN - H.V.A.C. 12.C BLDG 1 AREA 1C - 2ND FLR PLAN - H.V.A.C. 21.A BLDG 2 AREA 2A - 1ST FLR PLAN - H.V.A.C. 21.A BLDG 2 AREA 2A - 1ST FLR PLAN - H.V.A.C. 21.B BLDG 2 AREA 2A - 1ST FLR PLAN - H.V.A.C. 21.C BLDG 2 AREA 2A - 1ST FLR PLAN - H.V.A.C. 22.A BLDG 2 AREA 2A - 2ND FLR PLAN - H.V.A.C. 31.4 BLDG 3 AREA 3A - 1ST FLR PLAN - H.V.A.C. 31.4 BLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C. 32.B BLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C. 32.B BLDG 3 AREA 3B - 2ND FLR PLAN - H.V.A.C. 32.B BLDG 3 AREA 3B - 2ND FLR PLAN - H.V.A.C. 32.B BLDG 3 AREA 3B - 2ND FLR PLAN - H.V.A.C. 33.B BLDG 3 AREA 3B - 2ND FLR PLAN - H.V.A.C. 34.B BUILDING 1 - ENLARGED FLOOR PLANS - H.V.A.C. 35.B <	
11.A BLDG 1 AREA 1A - 1ST FLR PLAN - H.V.A.C. 11.B BLDG 1 AREA 1B - 1ST FLR PLAN - H.V.A.C. 11.C BLDG 1 AREA 1C - 1ST FLR PLAN - H.V.A.C. 12.A BLDG 1 AREA 1A - 2ND FLR PLAN - H.V.A.C. 12.B BLDG 1 AREA 1B - 2ND FLR PLAN - H.V.A.C. 12.C BLDG 1 AREA 1C - 2ND FLR PLAN - H.V.A.C. 21.A BLDG 2 AREA 2A - 1ST FLR PLAN - H.V.A.C. 21.A BLDG 2 AREA 2A - 1ST FLR PLAN - H.V.A.C. 21.B BLDG 2 AREA 2B - 1ST FLR PLAN - H.V.A.C. 21.C BLDG 2 AREA 2A - 1ST FLR PLAN - H.V.A.C. 22.A BLDG 2 AREA 2A - 2ND FLR PLAN - H.V.A.C. 21.C BLDG 2 AREA 2A - 2ND FLR PLAN - H.V.A.C. 22.A BLDG 3 AREA 3A - 1ST FLR PLAN - H.V.A.C. 31.4 BLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C. 32.B BLDG 3 AREA 3B - 2ND FLR PLAN - H.V.A.C. 32.B BLDG 3 AREA 3B - 2ND FLR PLAN - H.V.A.C. 32.B BLDG 3 AREA 3B - 2ND FLR PLAN - H.V.A.C. 32.B BLDG 3 AREA 3B - 2ND FLR PLAN - H.V.A.C. 32.B BLDG 3 AREA 3B - 2ND FLR PLAN - H.V.A.C. 33.B BLDG 3 AREA 3B - 2ND FLR PLAN - H.V.A.C. 34 BUILDING 1 - ENLARGED FLOOR PLANS - H.V.A.C. 35	
11.B BLDG 1 AREA 1B - 1ST FLR PLAN - H.V.A.C. 11.C BLDG 1 AREA 1C - 1ST FLR PLAN - H.V.A.C. 12.A BLDG 1 AREA 1A - 2ND FLR PLAN - H.V.A.C. 12.B BLDG 1 AREA 1B - 2ND FLR PLAN - H.V.A.C. 12.C BLDG 1 AREA 1C - 2ND FLR PLAN - H.V.A.C. 21.A BLDG 2 AREA 2A - 1ST FLR PLAN - H.V.A.C. 21.B BLDG 2 AREA 2A - 1ST FLR PLAN - H.V.A.C. 21.B BLDG 2 AREA 2B - 1ST FLR PLAN - H.V.A.C. 21.C BLDG 2 AREA 2C - 1ST FLR PLAN - H.V.A.C. 22.A BLDG 2 AREA 2A - 2ND FLR PLAN - H.V.A.C. 31.4 BLDG 3 AREA 3A - 1ST FLR PLAN - H.V.A.C. 31.4 BLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C. 32.B BLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C. 32.B BLDG 3 AREA 3B - 2ND FLR PLAN - H.V.A.C. 32.B BLDG 3 AREA 3B - 2ND FLR PLAN - H.V.A.C. 32.B BLDG 3 AREA 3B - 2ND FLR PLAN - H.V.A.C. 32.B BLDG 3 AREA 3B - 2ND FLR PLAN - H.V.A.C. 32.B BLDG 3 AREA 3B - 2ND FLR PLAN - H.V.A.C. 33.B BLDG 3 AREA 3B - 2ND FLR PLAN - H.V.A.C. 34 BUILDING 1 - ENLARGED FLOOR PLANS - H.V.A.C. 35 BUILDING 2 - ENLARGED FLOOR PLANS - H.V.A.C. 36 <t< th=""><td></td></t<>	
11.CBLDG 1 AREA 1C - 1ST FLR PLAN - H.V.A.C.12.ABLDG 1 AREA 1A - 2ND FLR PLAN - H.V.A.C.12.BBLDG 1 AREA 1B - 2ND FLR PLAN - H.V.A.C.12.CBLDG 1 AREA 1C - 2ND FLR PLAN - H.V.A.C.21.ABLDG 2 AREA 2A - 1ST FLR PLAN - H.V.A.C.21.BBLDG 2 AREA 2B - 1ST FLR PLAN - H.V.A.C.21.CBLDG 2 AREA 2C - 1ST FLR PLAN - H.V.A.C.22.ABLDG 2 AREA 2A - 2ND FLR PLAN - H.V.A.C.31.4BLDG 3 AREA 2A - 2ND FLR PLAN - H.V.A.C.31.4BLDG 3 AREA 3A - 1ST FLR PLAN - H.V.A.C.31.8BLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C.32.8BLDG 3 AREA 3B - 2ND FLR PLAN - H.V.A.C.01BUILDING 1 - ENLARGED FLOOR PLANS - H.V.A.C.02BUILDING 2 - ENLARGED FLOOR PLANS - H.V.A.C.03BUILDING 3 - ENLARGED FLOOR PLANS - H.V.A.C.04BUILDING 4 - ENLARGED FLOOR PLANS - H.VAC22BUILDING 2 - SECTION FLOOR PLANS - HVAC	
12.ABLDG 1 AREA 1A - 2ND FLR PLAN - H.V.A.C.12.BBLDG 1 AREA 1B - 2ND FLR PLAN - H.V.A.C.12.CBLDG 1 AREA 1C - 2ND FLR PLAN - H.V.A.C.21.ABLDG 2 AREA 2A - 1ST FLR PLAN - H.V.A.C.21.BBLDG 2 AREA 2B - 1ST FLR PLAN - H.V.A.C.21.CBLDG 2 AREA 2C - 1ST FLR PLAN - H.V.A.C.22.ABLDG 2 AREA 2A - 2ND FLR PLAN - H.V.A.C.31.4BLDG 3 AREA 3A - 1ST FLR PLAN - H.V.A.C.31.ABLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C.32.BBLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C.32.BBLDG 3 AREA 3B - 2ND FLR PLAN - H.V.A.C.32BUILDING 1 - ENLARGED FLOOR PLANS - H.V.A.C.33BUILDING 3 - ENLARGED FLOOR PLANS - H.V.A.C.34BUILDING 3 - ENLARGED FLOOR PLANS - H.V.A.C.35BUILDING 3 - ENLARGED FLOOR PLANS - H.V.A.C.36BUILDING 3 - ENLARGED FLOOR PLANS - H.V.A.C.37BUILDING 4 - ENLARGED FLOOR PLANS - H.V.A.C.38BUILDING 4 - ENLARGED FLOOR PLANS - H.V.A.C.39BUILDING 4 - ENLARGED FLOOR PLANS - H.V.A.C.31BUILDING 4 - ENLARGED FLOOR PLANS - H.V.A.C.32BUILDING 4 - ENLARGED FLOOR PLANS - H.V.A.C.34BUILDING 4 - ENLARGED FLOOR PLANS - H.V.A.C.35BUILDING 4 - ENLARGED FLOOR PLANS - H.V.A.C.36BUILDING 1 - SECTION FLOOR PLANS - H.VAC32BUILDING 2 - SECTION FLOOR PLANS - H.VAC	
12.BBLDG 1 AREA 1B - 2ND FLR PLAN - H.V.A.C.12.CBLDG 1 AREA 1C - 2ND FLR PLAN - H.V.A.C.21.ABLDG 2 AREA 2A - 1ST FLR PLAN - H.V.A.C.21.BBLDG 2 AREA 2B - 1ST FLR PLAN - H.V.A.C.21.CBLDG 2 AREA 2C - 1ST FLR PLAN - H.V.A.C.22.ABLDG 2 AREA 2A - 2ND FLR PLAN - H.V.A.C.31.4BLDG 3 AREA 2A - 2ND FLR PLAN - H.V.A.C.31.4BLDG 3 AREA 3A - 1ST FLR PLAN - H.V.A.C.31.8BLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C.32.8BLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C.01BUILDING 1 - ENLARGED FLOOR PLANS - H.V.A.C.02BUILDING 2 - ENLARGED FLOOR PLANS - H.V.A.C.03BUILDING 3 - ENLARGED FLOOR PLANS - H.V.A.C04BUILDING 1 - SECTION FLOOR PLANS - HVAC22BUILDING 2 - SECTION FLOOR PLANS - HVAC	
12.CBLDG 1 AREA 1C - 2ND FLR PLAN - H.V.A.C.21.ABLDG 2 AREA 2A - 1ST FLR PLAN - H.V.A.C.21.BBLDG 2 AREA 2B - 1ST FLR PLAN - H.V.A.C.21.CBLDG 2 AREA 2C - 1ST FLR PLAN - H.V.A.C.22.ABLDG 2 AREA 2A - 2ND FLR PLAN - H.V.A.C.31.4BLDG 3 AREA 2A - 2ND FLR PLAN - H.V.A.C.31.ABLDG 3 AREA 3A - 1ST FLR PLAN - H.V.A.C.31.BBLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C.32.BBLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C.31BUILDING 1 - ENLARGED FLOOR PLANS - H.V.A.C.32BUILDING 2 - ENLARGED FLOOR PLANS - H.V.A.C.33BUILDING 3 - ENLARGED FLOOR PLANS - H.V.A.C.34BUILDING 4 - ENLARGED FLOOR PLANS - H.V.A.C.35BUILDING 3 - ENLARGED FLOOR PLANS - H.V.A.C.36BUILDING 3 - ENLARGED FLOOR PLANS - H.V.A.C.37BUILDING 4 - ENLARGED FLOOR PLANS - H.V.A.C.38BUILDING 4 - ENLARGED FLOOR PLANS - H.V.A.C.39BUILDING 2 - SECTION FLOOR PLANS - H.VAC31BUILDING 2 - SECTION FLOOR PLANS - H.VAC	
21.ABLDG 2 AREA 2A - 1ST FLR PLAN - H.V.A.C.21.BBLDG 2 AREA 2B - 1ST FLR PLAN - H.V.A.C.21.CBLDG 2 AREA 2C - 1ST FLR PLAN - H.V.A.C.22.ABLDG 2 AREA 2A - 2ND FLR PLAN - H.V.A.C.31.4BLDG 3 AREA 3A - 1ST FLR PLAN - H.V.A.C.31.ABLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C.32.BBLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C.32.BBLDG 3 AREA 3B - 2ND FLR PLAN - H.V.A.C.31BUILDING 1 - ENLARGED FLOOR PLANS - H.V.A.C.32BUILDING 2 - ENLARGED FLOOR PLANS - H.V.A.C.33BUILDING 3 - ENLARGED FLOOR PLANS - H.V.A.C.34BUILDING 4 - ENLARGED FLOOR PLANS - H.V.A.C.35BUILDING 4 - ENLARGED FLOOR PLANS - H.V.A.C.36BUILDING 4 - ENLARGED FLOOR PLANS - H.V.A.C.37BUILDING 4 - ENLARGED FLOOR PLANS - H.V.A.C.38BUILDING 4 - ENLARGED FLOOR PLANS - H.V.A.C.39BUILDING 4 - ENLARGED FLOOR PLANS - H.V.A.C.30BUILDING 4 - ENLARGED FLOOR PLANS - H.V.A.C.31BUILDING 4 - ENLARGED FLOOR PLANS - H.V.A.C.32BUILDING 1 - SECTION FLOOR PLANS - H.VAC33BUILDING 2 - SECTION FLOOR PLANS - H.VAC34BUILDING 2 - SECTION FLOOR PLANS - H.VAC35BUILDING 2 - SECTION FLOOR PLANS - H.VAC	
21.BBLDG 2 AREA 2B - 1ST FLR PLAN - H.V.A.C.21.CBLDG 2 AREA 2C - 1ST FLR PLAN - H.V.A.C.22.ABLDG 2 AREA 2A - 2ND FLR PLAN - H.V.A.C.31.4BLDG 4 AND 5 - FLOOR PLAN - H.V.A.C.31.ABLDG 3 AREA 3A - 1ST FLR PLAN - H.V.A.C.31.BBLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C.32.BBLDG 3 AREA 3B - 2ND FLR PLAN - H.V.A.C.301BUILDING 1 - ENLARGED FLOOR PLANS - H.V.A.C.302BUILDING 2 - ENLARGED FLOOR PLANS - H.V.A.C.303BUILDING 3 - ENLARGED FLOOR PLANS - H.V.A.C.304BUILDING 4 - ENLARGED FLOOR PLANS - HVAC21BUILDING 2 - SECTION FLOOR PLANS - HVAC	
21.CBLDG 2 AREA 2C - 1ST FLR PLAN - H.V.A.C.22.ABLDG 2 AREA 2A - 2ND FLR PLAN - H.V.A.C.31.4BLDG 4 AND 5 - FLOOR PLAN - H.V.A.C.31.ABLDG 3 AREA 3A - 1ST FLR PLAN - H.V.A.C.31.BBLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C.32.BBLDG 3 AREA 3B - 2ND FLR PLAN - H.V.A.C.01BUILDING 1 - ENLARGED FLOOR PLANS - H.V.A.C.02BUILDING 2 - ENLARGED FLOOR PLANS - H.V.A.C.03BUILDING 3 - ENLARGED FLOOR PLANS - H.V.A.C.04BUILDING 4 - ENLARGED FLOOR PLANS - HVAC21BUILDING 2 - SECTION FLOOR PLANS - HVAC	
22.ABLDG 2 AREA 2A - 2ND FLR PLAN - H.V.A.C.31.4BLDG 4 AND 5 - FLOOR PLAN - H.V.A.C.31.ABLDG 3 AREA 3A - 1ST FLR PLAN - H.V.A.C.31.BBLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C.32.BBLDG 3 AREA 3B - 2ND FLR PLAN - H.V.A.C.01BUILDING 1 - ENLARGED FLOOR PLANS - H.V.A.C.02BUILDING 2 - ENLARGED FLOOR PLANS - H.V.A.C.03BUILDING 3 - ENLARGED FLOOR PLANS - H.V.A.C.04BUILDING 4 - ENLARGED FLOOR PLANS - HVAC21BUILDING 1 - SECTION FLOOR PLANS - HVAC22BUILDING 2 - SECTION FLOOR PLANS - HVAC	
31.4 BLDG 4 AND 5 - FLOOR PLAN - H.V.A.C. 31.A BLDG 3 AREA 3A - 1ST FLR PLAN - H.V.A.C. 31.B BLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C. 32.B BLDG 3 AREA 3B - 2ND FLR PLAN - H.V.A.C. 01 BUILDING 1 - ENLARGED FLOOR PLANS - H.V.A.C. 02 BUILDING 2 - ENLARGED FLOOR PLANS - H.V.A.C. 03 BUILDING 3 - ENLARGED FLOOR PLANS - H.V.A.C. 04 BUILDING 4 - ENLARGED FLOOR PLANS - HVAC 21 BUILDING 2 - SECTION FLOOR PLANS - HVAC	
31.ABLDG 3 AREA 3A - 1ST FLR PLAN - H.V.A.C.31.BBLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C.32.BBLDG 3 AREA 3B - 2ND FLR PLAN - H.V.A.C.32.BBUILDING 1 - ENLARGED FLOOR PLANS - H.V.A.C.32BUILDING 2 - ENLARGED FLOOR PLANS - H.V.A.C.33BUILDING 3 - ENLARGED FLOOR PLANS - H.V.A.C.34BUILDING 4 - ENLARGED FLOOR PLANS - H.V.A.C35BUILDING 4 - ENLARGED FLOOR PLANS - HVAC36BUILDING 2 - SECTION FLOOR PLANS - HVAC37BUILDING 2 - SECTION FLOOR PLANS - HVAC	
31.B BLDG 3 AREA 3B - 1ST FLR PLAN - H.V.A.C. 32.B BLDG 3 AREA 3B - 2ND FLR PLAN - H.V.A.C. 01 BUILDING 1 - ENLARGED FLOOR PLANS - H.V.A.C. 02 BUILDING 2 - ENLARGED FLOOR PLANS - H.V.A.C. 03 BUILDING 3 - ENLARGED FLOOR PLANS - H.V.A.C. 04 BUILDING 4 - ENLARGED FLOOR PLANS - HVAC 21 BUILDING 1 - SECTION FLOOR PLANS - HVAC 22 BUILDING 2 - SECTION FLOOR PLANS - HVAC	
32.B BLDG 3 AREA 3B - 2ND FLR PLAN - H.V.A.C. 01 BUILDING 1 - ENLARGED FLOOR PLANS - H.V.A.C. 02 BUILDING 2 - ENLARGED FLOOR PLANS - H.V.A.C. 03 BUILDING 3 - ENLARGED FLOOR PLANS - H.V.A.C. 04 BUILDING 4 - ENLARGED FLOOR PLANS - HVAC 21 BUILDING 1 - SECTION FLOOR PLANS - HVAC 22 BUILDING 2 - SECTION FLOOR PLANS - HVAC	
01 BUILDING 1 - ENLARGED FLOOR PLANS - H.V.A.C. 02 BUILDING 2 - ENLARGED FLOOR PLANS - H.V.A.C. 03 BUILDING 3 - ENLARGED FLOOR PLANS - H.V.A.C. 04 BUILDING 4 - ENLARGED FLOOR PLANS - HVAC 21 BUILDING 1 - SECTION FLOOR PLANS - HVAC 22 BUILDING 2 - SECTION FLOOR PLANS - HVAC	
D2 BUILDING 2 - ENLARGED FLOOR PLANS - H.V.A.C. D3 BUILDING 3 - ENLARGED FLOOR PLANS - H.V.A.C. D4 BUILDING 4 - ENLARGED FLOOR PLANS - HVAC 21 BUILDING 1 - SECTION FLOOR PLANS - HVAC 22 BUILDING 2 - SECTION FLOOR PLANS - HVAC	
D3 BUILDING 3 - ENLARGED FLOOR PLANS - H.V.A.C. D4 BUILDING 4 - ENLARGED FLOOR PLANS - HVAC 21 BUILDING 1 - SECTION FLOOR PLANS - HVAC 22 BUILDING 2 - SECTION FLOOR PLANS - HVAC	
04 BUILDING 4 - ENLARGED FLOOR PLANS - HVAC 21 BUILDING 1 - SECTION FLOOR PLANS - HVAC 22 BUILDING 2 - SECTION FLOOR PLANS - HVAC	
04 BUILDING 4 - ENLARGED FLOOR PLANS - HVAC 21 BUILDING 1 - SECTION FLOOR PLANS - HVAC 22 BUILDING 2 - SECTION FLOOR PLANS - HVAC	
22 BUILDING 2 - SECTION FLOOR PLANS - HVAC	
24 BUILDING 3 - SECTION FLOOR PLANS - HVAC	
3D VIEWS - H.V.A.C. 2	
01 DETAILS - H.V.A.C.	
02 DETAILS - H.V.A.C.	
03 DETAILS - H.V.A.C.	
01 SCHEDULES - H.V.A.C.	
02 SCHEDULES - H.V.A.C.	
03 SCHEDULES - H.V.A.C.	
04 SCHEDULES - H.V.A.C.	
05 SCHEDULES - H.V.A.C.	
06 SCHEDULES - H.V.A.C.	
07 SCHEDULES - H.V.A.C.	
08 SCHEDULES - H.V.A.C.	
01 CONTROLS - H.V.A.C.	
02 CONTROLS - H.V.A.C.	
03 CONTROLS - H.V.A.C.	
ind total: 44	

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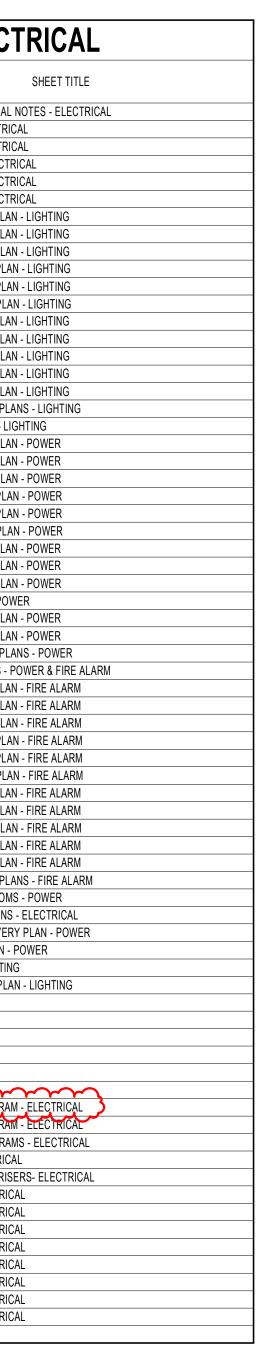
	PLUMBING			ELEC
ML	SHEET TITLE		SHEET	
P001	GENERAL NOTES, ABBREVIATIONS & LEGEND - PLUMBING		NUMBER	
P010.A	BLDG 1 AREA 1A - FOUNDATION FLR PLAN - PLUMBING	~	E001	SYMBOLS LEGEND & GENER
P010.B P010.C	BLDG 1 AREA 1B - FOUNDATION FLR PLAN - PLUMBING BLDG 1 AREA 1C - FOUNDATION FLR PLAN - PLUMBING	<u>/2</u>	E002	FIXTURE SCHEDULE - ELECT
P010.C	BLDG 1 AREA 1C - FOUNDATION FLR PLAN - PLOMBING BLDG 2 AREA 2A - FOUNDATION FLR PLAN - PLUMBING	3	E010	OVERALL SITE PLAN - ELECT
P020.R	BLDG 2 AREA 2B - FOUNDATION FLR PLAN - PLUMBING		E041 E042	ENLARGED SITE PLAN - ELEC ENLARGED SITE PLAN - ELEC
P020.C	BLDG 2 AREA 2C - FOUNDATION FLR PLAN - PLUMBING		E042	ENLARGED SITE PLAN - ELEC
P030.A	BLDG 3 AREA 3A - FOUNDATION FLR PLAN - PLUMBING	\wedge	E111.A	BLDG 1 AREA 1A - 1ST FLR P
P030.B	BLDG 3 AREA 3B - FOUNDATION FLR PLAN - PLUMBING	<u>/ Z \</u>	E111.B	BLDG 1 AREA 1B - 1ST FLR P
P041.4	BLDG 4 AND 5 - FOUNDATION FLR PLAN - PLUMBING		E111.C	BLDG 1 AREA 1C - 1ST FLR F
P103.1	BUILDING 1 - ROOF PLAN - PLUMBING		E112.A	BLDG 1 AREA 1A - 2ND FLR F
P103.2 P103.3	BUILDING 2 - ROOF PLAN - PLUMBING		E112.B	BLDG 1 AREA 1B - 2ND FLR F
P103.3 P111	BUILDING 3 - ROOF PLAN - PLUMBING BLDG 2 & 3 MEZZANINE FLR PLANS - WASTE - PLUMBING		E112.C E121.A	BLDG 1 AREA 1C - 2ND FLR F BLDG 2 AREA 2A - 1ST FLR F
P111.A	BLDG 1 AREA 1A - 1ST FLR PLAN - WASTE - PLUMBING		E121.A E121.B	BLDG 2 AREA 2A - IST FLR F
P111.B	BLDG 1 AREA 1B - 1ST FLR PLAN - WASTE - PLUMBING	~	E121.C	BLDG 2 AREA 2C - 1ST FLR F
P111.C	BLDG 1 AREA 1C - 1ST FLR PLAN - WASTE - PLUMBING	<u>/2</u>	E131.A	BLDG 3 AREA 3A - 1ST FLR F
P112.A	BLDG 1 AREA 1A - 2ND FLR PLAN - WASTE - PLUMBING	∕3∖	E131.B	BLDG 3 AREA 3B - 1ST FLR F
P112.B	BLDG 1 AREA 1B - 2ND FLR PLAN - WASTE - PLUMBING		E133	BLDG 2 & 3 MEZZANINE FLR
P112.C	BLDG 1 AREA 1C - 2ND FLR PLAN - WASTE - PLUMBING		E140	BLDG 4 AND 5 FLOOR PLAN
P121.A	BLDG 2 AREA 2A - 1ST FLR PLAN - WASTE - PLUMBING		E211.A	BLDG 1 AREA 1A - 1ST FLR F
P121.B P121.C	BLDG 2 AREA 2B - 1ST FLR PLAN - WASTE - PLUMBING BLDG 2 AREA 2C - 1ST FLR PLAN - WASTE - PLUMBING		E211.B	BLDG 1 AREA 1B - 1ST FLR F
P131.A	BLDG 2 AREA 20 - 1ST FLR PLAN - WASTE - PLOMBING BLDG 3 AREA 3A - 1ST FLR PLAN - WASTE - PLUMBING		E211.C E212.A	BLDG 1 AREA 1C - 1ST FLR F BLDG 1 AREA 1A - 2ND FLR F
P131.B	BLDG 3 AREA 3B - 1ST FLR PLAN - WASTE - PLUMBING		E212.A E212.B	BLDG 1 AREA 1A - 2ND FLR F
P140.4	BLD 4 AND 5 - FLOOR PLANS - WASTE - PLUMBING		E212.C	BLDG 1 AREA 1C - 2ND FLR I
P211.A	BLDG 1 AREA 1A - 1ST FLR PLAN - DOMESTIC - PLUMBING		E221.A	BLDG 2 AREA 2A - 1ST FLR F
P211.B	BLDG 1 AREA 1B - 1ST FLR PLAN - DOMESTIC - PLUMBING	3	E221.B	BLDG 2 AREA 2B - 1ST FLR F
P211.C	BLDG 1 AREA 1C - 1ST FLR PLAN - DOMESTIC - PLUMBING	<u></u>	E221.C	BLDG 2 AREA 2C - 1ST FLR F
P212.A	BLDG 1 AREA 1A - 2ND FLR PLAN - DOMESTIC - PLUMBING		E222	BUILDING 2 - ROOF PLAN -
P212.B P212.C	BLDG 1 AREA 1B - 2ND FLR PLAN - DOMESTIC - PLUMBING		E231.A	BLDG 3 AREA 3A - 1ST FLR F
P212.0 P221.A	BLDG 1 AREA 1C - 2ND FLR PLAN - DOMESTIC - PLUMBING BLDG 2 AREA 2A - 1ST FLR PLAN - DOMESTIC - PLUMBING	3	E231.B E233	BLDG 3 AREA 3B - 1ST FLR F BLDG 2 & 3 MEZZANINE FLR
P221.8	BLDG 2 AREA 2B - 1ST FLR PLAN - DOMESTIC - PLUMBING	~~~	E233	BLDG 2 & 3 MEZZANINE FLR
P221.C	BLDG 2 AREA 2C - 1ST FLR PLAN - DOMESTIC - PLUMBING		E311.A	BLDG 1 AREA 1A - 1ST FLR F
P222	BLDG 2 & 3 MEZZANINE FLR PLANS - DOMESTIC - PLUMBING		E311.B	BLDG 1 AREA 1B - 1ST FLR F
P231.A	BLDG 3 AREA 3A - 1ST FLR PLAN - DOMESTIC - PLUMBING		E311.C	BLDG 1 AREA 1C - 1ST FLR F
P231.B	BLDG 3 AREA 3B - 1ST FLR PLAN - DOMESTIC - PLUMBING		E312.A	BLDG 1 AREA 1A - 2ND FLR
P240.4	BLDG 4 AND 5 FLOOR PLAN - DOMESTIC - PLUMBING		E312.B	BLDG 1 AREA 1B - 2ND FLR
P301 P302	BUILDING 5 SANITARY AND GREASE RISER DIAGRAM – PLUMBING		E312.C	BLDG 1 AREA 1C - 2ND FLR
P302 P303	BUILDING 5 DOMESTIC WATER RISER DIAGRAM - PLUMBING BUILDING 4 SANITARY RISER DIAGRAM – PLUMBING		E321.A	BLDG 2 AREA 2A - 1ST FLR F
P304	BUILDING 4 DOMESTIC WATER RISER DIAGRAM - PLUMBING		E321.B E321.C	BLDG 2 AREA 2B - 1ST FLR I BLDG 2 AREA 2C - 1ST FLR
P305	BUILDING 3 SANITARY RISER DIAGRAM AREA A – PLUMBING		E331.A	BLDG 3 AREA 3A - 1ST FLR I
P306	BUILDING 3 SANITARY RISER DIAGRAM AREA B- PLUMBING		E331.B	BLDG 3 AREA 3B - 1ST FLR F
P307	BUILDING 3 DOMESTIC WATER RISER DIAGRAM AREA A – PLUMBING		E333	BLDG 2 & 3 MEZZANINE FLR
P308	BUILDING 3 DOMESTIC WATER RISER DIAGRAM AREA B – PLUMBING		E401	ENLARGED ELECTRICAL RC
P309	BUILDING 2 SANITARY RISER DIAGRAM AREA 2A-1 – PLUMBING		E402	ENLARGED PLANS & SECTION
P310	BUILDING 2 SANITARY RISER DIAGRAM AREA 2A-2 – PLUMBING		E403	ENLARGED KITCHEN & SER
P311 P312	BUILDING 2 SANITARY RISER DIAGRAM AREA 2C – PLUMBING BUILDING 2 SANITARY RISER DIAGRAM AREA 2B – PLUMBING		E404	ENLARGED SNACK BAR PLA
P312	BUILDING 2 DOMESTIC WATER RISER DIAGRAM AREA 26 – PLUMBING		E405 E406	ELEVATIONS - STAIRS- LIGH ENLARGED MEDIA CENTER
P314	BUILDING 2 DOMESTIC WATER RISER DIAGRAM AREA 2A-1 – PLUMBING	<u>∕2∖</u>	E400 E501	DETAILS - ELECTRICAL
P315	BUILDING 2 DOMESTIC WATER RISER DIAGRAM AREA 2A-2 – PLUMBING	\wedge	E502	DETAILS ELECTRICAL
P316	BUILDING 2 DOMESTIC WATER RISER DIAGRAM AREA 2C – PLUMBING	/2	E503	DETAILS - ELECTRICAL
P317	BUILDING 2 GAS RISER DIAGRAM AREA 2B & 2C – PLUMBING	12	E504	DETAILS - ELECTRICAL
P318	BUILDING 1 SANITARY RISER DIAGRAM FRIST FLOOR AREA -1 – PLUMBING	\wedge	E505	DETAILS - ELECTRICAL
P319	BUILDING 1 SANITARY RISER DIAGRAM FRIST FLOOR AREA -2 – PLUMBING	4	E506	DETAILS ELECTRICAL
P320	BUILDING 1 SANITARY RISER DIAGRAM FRIST FLOOR AREA -3 – PLUMBING	∕3∖	E601.1	BLDGS 2 & 4 ONE LINE DIAG
P321 P322	BUILDING 1 SANITARY RISER DIAGRAM SECOND FLOOR AREA -1 – PLUMBING BUILDING 1 SANITARY RISER DIAGRAM SECOND FLOOR AREA -2 – PLUMBING		E601.1A	BLDGS 2 & 4 ONE LINE DIAG
P322	BUILDING T SANITART RISER DIAGRAM SECOND FLOOR AREA -2 – FLOMBING BUILDING 1 SANITARY RISER DIAGRAM SECOND FLOOR AREA -3 – PLUMBING		E601.2	BLDGS 1 & 3 ONE-LINE DIAG
P324	BUILDING T SANTAKT KISEK DIAGRAM SECOND FLOOR AREA -3 – FLOMBING BUILDING 1 DOMESTIC WATER RISER DIAGRAM FRIST FLOOR AREA -1 – PLUMBING		E602 E603	FIRE ALARM RISER - ELECT
P325	BUILDING 1 DOMESTIC WATER RISER DIAGRAM FRIST FLOOR AREA -2 – PLUMBING		E701	PANEL SCHEDULES - ELECT
P326	BUILDING 1 DOMESTIC WATER RISER DIAGRAM FRIST FLOOR AREA -3 – PLUMBING		E702	PANEL SCHEDULES - ELECT
P327	BUILDING 1 DOMESTIC WATER RISER DIAGRAM SECOND FLOOR AREA -1 – PLUMBING		E703	PANEL SCHEDULES - ELECT
P328	BUILDING 1 DOMESTIC WATER RISER DIAGRAM SECOND FLOOR AREA -2 – PLUMBING	3	E704	PANEL SCHEDULES - ELEC
P329	BUILDING 1 DOMESTIC WATER RISER DIAGRAM SECOND FLOOR AREA -3 – PLUMBING	<u> </u>	E705	PANEL SCHEDULES - ELECT
P501	DETAILS - PLUMBING		E706	PANEL SCHEDULES - ELECT
P502	DETAILS - PLUMBING		E707	PANEL SCHEDULES - ELECT
P503	DETAILS - PLUMBING		E708	PANEL SCHEDULES - ELECT

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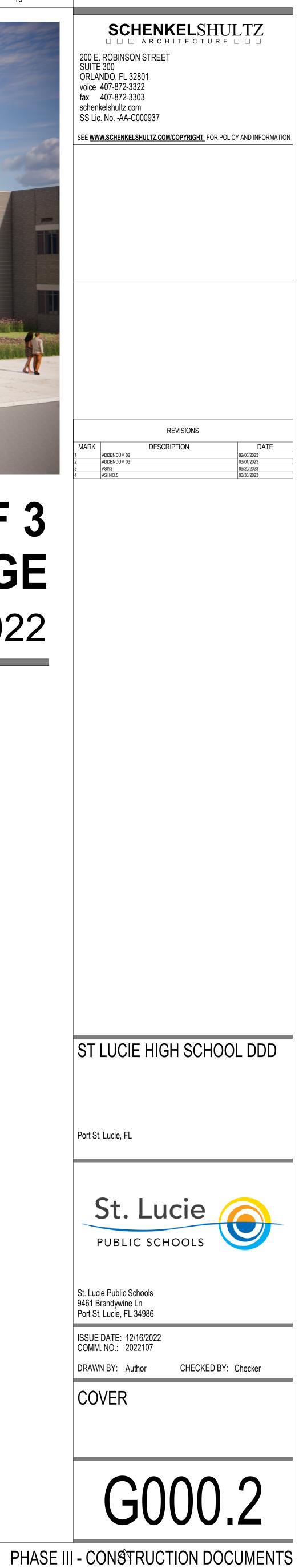
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SHEET	SHEET TITLE
NUMBER	Sheet mee
T001	GENERAL NOTES AND SYMBOLS LEGEND - TECHNOLOGY SYSTEMS
·T010	OVERALL SITE PLAN - TECHNOLOGY
T111.A	BLDG 1 AREA 1A - 1ST FLR PLAN - TECHNOLOGY
T111.B	BLDG 1 AREA 1B - 1ST FLR PLAN - TECHNOLOGY
T111.C	BLDG 1 AREA 1C - 1ST FLR PLAN - TECHNOLOGY
T112.A	BLDG 1 AREA 1A - 2ND FLR PLAN - TECHNOLOGY
T112.B	BLDG 1 AREA 1B - 2ND FLR PLAN - TECHNOLOGY
T112.C	BLDG 1 AREA 1C - 2ND FLR PLAN - TECHNOLOGY
T121.A	BLDG 2 AREA 2A - 1ST FLR PLAN - TECHNOLOGY
T121.B	BLDG 2 AREA 2B - 1ST FLR PLAN - TECHNOLOGY
T121.C	BLDG 2 AREA 2C - 1ST FLR PLAN - TECHNOLOGY
T131.A	BLDG 3 AREA 3A - 1ST FLR PLAN - TECHNOLOGY
•T131.B	BLDG 3 AREA 3B - 1ST FLR PLAN -TECHNOLOGY
T133	BLDG 2 & 3 MEZZANINE FLR PLANS - TECHNOLOGY
T140	BLDG 4 AND 5 FLOOR PLAN - TECHNOLOGY
T401	ENLARGED FLOOR PLANS - TECHNOLOGY
T402	ENLARGED FLOOR PLANS - TECHNOLOGY
T501	DETAILS - TECHNOLOGY
T502	DETAILS - TECHNOLOGY
T503	DETAILS - TECHNOLOGY
T504	DETAILS - TECHNOLOGY
1601	RISER DIAGRAMS - TECHNOLOGY
T602	RISER DIAGRAMS - TECHNOLOGY

THEATRICAL SHEET NUMBER SHEET TITLE TL-101 STAGE LIGHTING SYSTEM LIGHT PLOT TL-102 STAGE LIGHTING SYSTEM SECOND FLOOR DEVICE LOCATIONS TL-103 STAGE LIGHTING SYSTEM SECOND FLOOR DEVICE LOCATIONS TL-104 STAGE LIGHTING SYSTEM CONTROL CONDUIT RISER & DEVICE LEGEND TL-105 STAGE LIGHTING SYSTEM DORE-LINE TL-106 STAGE LIGHTING SYSTEM DORE-LINE TL-107 STAGE LIGHTING SYSTEM DORE-LINE TL-108 STAGE LIGHTING SYSTEM DORE-LINE TL-109 STAGE LIGHTING SYSTEM DISTIBUTION & DETAILS SHEET - A TL-101 DRAMA LAB LIGHTING SYSTEM DEVICE LOCATIONS AND DETAILS TL-202 DRAMA LAB LIGHTING SYSTEM LIGHT PLOT, ONE-LINE AND DETAILS TL-203 DRAMA LAB LIGHTING SYSTEM DISTIBUTION & DETAILS TL-204 DRAMA LAB LIGHTING SYSTEM DEVICE LOCATIONS AND DETAILS TL-205 DRAMA LAB LIGHTING SYSTEM SECOND PLAN TR-101 STAGE RIGGING SYSTEM SECOND FLOOR DEVICE LOCATIONS TL-201 DRAMA LAB LIGHTING SYSTEM SECOND FLOOR DEVICE LOCATIONS TR-103 STAGE RIGGING SYSTEM SECOND FLOOR DEVICE LOCATIONS TR-104 STAGE RIGGING SYSTEM SECOND FLOOR DEVICE LOCATIONS </th <th></th> <th>r</th> <th></th>		r	
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TS-117BAND AND VOCAL ROOM AV SYSTEMTS-118CLUSTER DETAILS AV SYSTEM			
TS-118 CLUSTER DETAILS AV SYSTEM			
		Grand total: 43	



L	ABBREVIATIONS		ABBREVIATIONS		ABBREVIATIONS
A		EB	EXPANSION BOLT	LLV	LONG LEG VERTICAL
	AND AT	EJ EL	EXPANSION JOINT ELEVATION	LT LTG	LIGHT
	ARCHITECT / ENGINEER	ELEC	ELECTRICAL	LTWT	LIGHTWEIGHT
	ANCHOR BOLT	ELEV	ELEVATOR	LVL	LEVEL
	AIR CONDITIONING ACCESSIBLE	EMER ENCL	EMERGENCY ENCLOSURE	LVR	LOUVER
	ACOUSTICAL	ENG	ENGINEER	MAINT	MAINTENANCE
_	ACOUSTIC CEILING TILE	EP		MAS	MASONRY
	AREA DRAIN ACCESS DOOR	EPDM EQ	ETHYLENE PROPYLENE DIENE M-CLASS	MAT MAX	MATERIAL
-	ADJACENT	EQUIP	EQUIPMENT	MB	MACHINE BOLT
	ABOVE FINISHED FLOOR ABOVE FINISHED GRADE	EWC EXH	ELECTRIC WATER COOLER EXHAUST	MECH MED	MECHANICAL MEDIUM
_	AGGREGATE	EXIST	EXISTING	MEB	MEMBRANE
		EXP	EXPANSION	MEZZ	MEZZANINE
	ALUMINUM ANODIZED	EXT F	EXTERIOR	MFR MH	MANUFACTURER MANHOLE
	ACOUSTICAL PANEL CEILING	FA	FIRE ALARM	MIN	MINIMUM
	APPROXIMATE ARCHITECTURAL	FB FD	FACE BRICK FLOOR DRAIN OR FIRE DEPARTMENT	MISC MO	MISCELLANEOUS MASONRY OPENING
ASPH A	ASPHALT	FDC	FIRE DEPARTMENT CONNECTION	MR	MOISTURE RESISTANT
	ATTENTION	FE FEC	FIRE EXTINGUISHER FIRE EXTINGUISHER CABINET	MTD MTG	MOUNTED MOUNTING
	AUDIOVISUAL	FF&E	FURNITURE, FIXTURES AND EQUIPMENT	MTC	METAL
B		FFB	FLUSH FLOOR BOX	MULL	MULLION
	BOARD BITUMINOUS	FFEL FH	FINISH FLOOR ELEVATION FULL HEIGHT OR FLAT HEAD	N N	NORTH
BLDG E	BUILDING	FHC	FIRE HOSE CABINET	NA	NOT APPLICABLE
	BLOCK BLOCKING	FIN FIXT	FINISH FIXTURE	NC NIC	NOISE CRITERIA NOT IN CONTRACT
	BEAM	FLASH	FLASHING	NO NO	NUMBER
	BOTTOM OF	FLR	FLOOR	NOM	
	BOTTOM OF BEAM BOTTOM OF CURB	FLUOR FND	FLUORESCENT FOUNDATION	NR NTS	NON RATED NOT TO SCALE
BOT E	воттом	FO	FACE OF OR FINISHED OPENING	0	
	BEARING BRICK	FP FPG	FIRE PROTECTION FIREPROOFING	CFCI	CONTRACTOR FURNISHED, CONT INSTALLED
	BRACKET	FPG FR	FIRE RESISTANT	OA	OUTSIDE AIR
		FRC	FIBER REINFORCED CONCRETE	OC OD	ON CENTER OUTSIDE DIAMETER
BUR E C	BUILT UP ROOFING	FRP FRT	FIBER REINFORCED PLASTICFIRE RETARDANT TREATED	OD OD	OVERFLOW DRAIN
385		FS	FLOOR SINK	OF	OWNER FURNISHED
	CHANNEL CENTER TO CENTER	FT FTG	FEET/FOOT FOOTING	OFCI	OWNER FURNISHED, CONTRACTO
	CABINET	FURN	FURNITURE	OFF	OFFICE
		FURR	FURRING	OFOI OH	OWNER FURNISHED, OWNER INST OVERHEAD
	CATCH BASIN CEMENT BOARD	FWC FWP	FABRIC WALL COVERING FABRIC WRAPPED PANEL	OPNG	OPENING
	CEMENTITIOUS BACKER UNIT	G		OPP ORD	OPPOSITE OVERFLOW ROOF DRAIN
	CLOSED CIRCUIT TELEVISION	GA GALV	GAUGE GALVANIZED	ORIG	ORIGINAL
	CERAMIC	GB	GRAB BAR	P	DAINT
	CORNER GUARD	GC GEN	GENERAL CONTRACT(OR) GENERAL	P PAV	PAINT PAVING
	CAST IRON	GFRC	GLASS FIBER REINFORCED CONCRETE	PBD	PARTICLE BOARD
	CAST-IN-PLACE	GL	GLASS	PC PDF	PRECAST POWER DRIVEN FASTENER
	CONTROL JOINT	GLAZ GR	GLAZING GRADE	PERF	PERFORATED
CLG (CEILING	GRAN	GRANULAR	PERIM PERP	PERIMETER PERPENDICULAR
	CLEAR CONCRETE MASONRY UNIT	GRD GRFG	GROUND GLASS FIBER REINFORCED GYPSUM	PI.	PLATE
	COUNTER	GSM	GALVANIZED SHEET METAL	PLAM	PLASTIC LAMINATE
		GV GWB	GAS VALVE GYPSUM WALL BOARD	PLAS PLBG	PLASTER PLUMBING
	COLUMN	GWB	GYPSUM WALL BOARD	PLF	POUNDS PER LINEAR FOOT
	CONDITION	Н		PLYWD PNL	PLYWOOD PANEL
	CONNECTION CONSTRUCTION	H HB	HIG HOSE BIB	PNT	PAINT OR PAINTED
	CONTINUOUS	HC	HANDICAPPED OR HOLLOW CORE	POL	POLISHED
		HDWD	HARDWOOD	PR PREFAB	PAIR PREFABRICATED
	COORDINATE	HDWR HGT	HARDWARE HEIGHT	PROJ	PROJECT
CPT (CARPET	HM	HOLLOW METAL	PSF PT	POUNDS PER SQUARE FOOT POINT
	CERAMIC TILE	HNDRL HO	HANDRAIL HOLD OPEN	PT	PRESSURE TREATED
CTSK (COUNTERSUNK	HORIZ	HORIZONTAL	PTD DTN	PAINTED PARTITION
	CUSTODIAL COLD WATER	HP HR	HIGH POINT HOUR	PTN PVC	PARTITION POLYVINYL CHLORIDE
D		HRC	HOSE REEL CABINET	Q	
	DEEP, DEPTH	HT	HEIGHT	QT QTY	QUARRY TILE QUANTITY
	DOUBLE	HTG HVAC	HEATING HEATING VENTILATION & AIR CONDITIONING	R	
	DEMOLISH OR DEMOLITION	HW	HOT WATER	R	RADIUS/RISER
	DEMOLITION DEPARTMENT	I ID	INSIDE DIAMETER	RA RAD	RETURN AIR RADIUS
	DRINKING FOUNTAIN	IN IN	INCH/INCHES	RB	RESILIENT BASE
	DIAMETER	INCAND	INCANDESCENT	RBR RCP	RUBBER REFLECTED CEILING PLAN
	DIAGONAL	INCL INFO	INCLUDED/INCLUDING INFORMATION	RD	ROOF DRAIN
	DIMENSION	INSUL	INSULATED OR INSULATION	REC	RECESSED
				RECPT REF	RECEPTACLE REFERENCE
	DISPENSER DIVISION	INTERM INV	INTERMEDIATE INVERT	REFR	REFRIGERATOR
DMPF [DAMP PROOFING	J		REG REINF	REGISTER REINFORCED REINFORCING
	DOWN DOOR OPENING	JAN JC	JANITOR JANITOR'S CLOSET	REINF	REINFORCED REINFORCING
DR D	DOOR	JST	JOIST	REL	RELOCATE
		JT	JOINT	REM REQ	REMOVABLE REQUIRE/REQUIRED
	DOWNSPOUT DETAIL	K KIT	KITCHEN	REQD	REQUIRED
DW E	DISHWASHER	КО	KNOCK OUT	RESIL	
DWG D		L		REV RM	REVISION/REVISED ROOM
	DRAWER	LAM	LAMINATE	RO	ROUGH OPENING
		LAV			
DWR D E E	EAST EACH	LAV LB LF	POUND LINEAR FEET	RTD RTG	RATED RATING

ABBRIVIATIONS

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6		7 8	9		10	11	12
		ABBREVIATIONS					O OBTAIN ALL MEASUREMENTS RE CONSTRUCTION OR FABRICATION
	S S	SOUTH	THE FIELD INFORM				
	SA						OUS EQUIPMENT INCLUDING BUT
	SAF SC	SELF ADHERED FLASHING SOLID CORE		JIPMENT, GRAB BARS, H			
	SCHED SD	SCHEDULE STORM DRAIN					R AT THE CENTERLINE OF DOOR
	SECT	SECTION					NINT WHEN PAINT IS INDICATED ON RMANENTLY FIXED EQUIPMENT OF
	SF SH	SQUARE FEET/FOOT SPRINKLER HEAD	ALL MECHANICAL	AND ELECTRICAL EQUIP	'MENT EXPOSED IN	I FINISHED SPACES UNLESS	INDICATED OTHERWISE.
	SHR	SHOWER	5. REPAIR ALL SU	JRFACES DAMAGED BY F	RENOVATION AND I	NEW CONSTRUCTION TO MA	TCH EXISTING ADJACENT OR CON
	SHT	SHEET				STRUCTION OR DEMOLITION	SHALL BE PERFORMED IN A WOR
	SIM SJ	SIMILAR SAW JOINT	AND/OR CONT	IGUOUS FINISHED SURF.	ACES.		
	SM	SHEET METAL	7. WRITTEN DIME	ENSIONS TAKE PRECEDE	INCE OVER SCALE	D MEASUREMENTS. DO NOT	SCALE DRAWINGS.
	SM SP	SURFACE MOUNTED STANDPIPE	8. DETAILED DRA	WINGS AND LARGER SC	ALE DRAWINGS TA	KE PRECEDENCE OVER SM/	ALL SCALE DRAWINGS.
	SPEC	SPECIFIED OR SPECIFICATION	9. UNLESS OTHE	RWISE NOTED, PLAN DIN	JENSIONS ARE TAK	KEN FROM FACE OF CMU OR	CONCRETE TO FACE OF STUD, O
	SPK SPKR	SPRINKLE SPEAKER	10. DOORS NOT O	THERWISE DIMENSIONE	.D SHALL BE 8" FRC	OM FACE OF ADJACENT CMU	OR CONCRETE WALL TO ROUGH
	SQ	SQUARE				ODUCT MANUFACTURER'S W	RITTEN INSTALLATION INSTRUCT
	SS SSK	STAINLESS STEEL SERVICE SINK	REQUIREMEN	TS AND DESIGN INTENT.			
	STA	STATION	12. SLAB SURFACI	E ON ALL EXTERIOR VES	TIBULES SHALL BE	SLOPED AWAY FROM THE [DOOR THRESHOLD AT A SLOPE OF
	STC STL	SOUND TRANSMISSION COEFFICIENT STEEL	— 13. PROVIDE 3/4" 7	THICK F.R. PLYWOOD PA	NELS ON ALL WALL	S AT ALL COMMUNICATIONS	S / IDF / MDF / TELECOM ROOMS. N
	STOR	STORAGE					N FIRESTOP DEVICES, SEALANTS
	STRG STRUCT	STRINGER STRUCTURAL					INTAIN THE INTEGRITY OF THE W
	STRUCT	STRUCTURE OR STRUCTURAL	— 15. PROVIDE ACO —	USTICAL SEALANT AT PA	ARTITION PERIMETI	ER OF ALL WALLS WITH SOU	IND ATTENUATION BLANKETS.
	SUBCAT SUSP	SUBCATEGORY SUSPENDED	16. PROVIDE CON	ISTRUCTION IN ACCORD	ANCE WITH THE U.I	L. DESIGN NUMBER INDICAT	ED.
	SYM	SYMMETRICAL	17. WHERE GYPSI	JM BOARD ABUTS CMU C	CONSTRUCTION, PF	ROVIDE CONTINUOUS J-MOL	D AND SEALANT AT JOINT.
	SYS	SYSTEM	- 18. STEEL BEAMS	THAT FALL WITHIN RATE	ED WALLS MUST BE	ENCAPSULATED IN THE RA	TED WALL ASSEMBLY OR FRAMED
	T	TREAD					ICATED ON PLANS. PROVIDE TYPE
RACTOR	T&B	TOP AND BOTTOM	EXTINGUISHER CA	ABINETS TO HAVE FLAT F	FRONT AND NO BUE	BBLE COVERS.	
	T&G TB	TONGUE AND GROOVE				······	
	TDC	TRAFFIC DECK COATING					
	_ TEL TELE	TELEPHONE/TELECOM TELEPHONE					
	TEMP	TEMPORARY					
OR	_ THK	THICKNESS					
	TKBD	TACK BOARD					
TALLED	_ TLT _ TMPD	TOILET		GENERA	LNOIES	- ARCHITECT	URE
	TO	TOP OF	_				
	TOB						
	TOC TOS	TOP OF CONCRETE OR TOP OF CURB TOP OF STEEL					
	TOW	TOP OF WALL					
	_ TS _ TV	TUBE STEEL TELEVISION					
	TYP	TYPICAL					
	_ U	UNDERWRITERS LABORATORY					
		UNFINISHED					
	UNO UON	UNLESS NOTED OTHERWISE UNLESS OTHERWISE NOTED					
		URINAL					
	V VAC	VENTILATION AND AIR CONDITIONING	_				
	VAC	VARIES					
		VINYL COMPOSITION TILE					
	VER	VERIFY					
	VEST	VESTIBULE					
	_ VIF _ VP	VERIFY IN FIELD VISION PANEL					
	_ VR	VAPOR RETARDER					
	VT VWC	VINYL TILE VINYL WALL COVERING	_				
	W						
	W	WIDE OR WEST	_				
	W/O	WITH					
	- WC	WATER CLOSET					
	_ WD _ WIN	WOOD WINDOW	<u>CASEWORK E</u>	LEVATION LEGEND	<u>CASEWORK PL</u>	AN LEGEND	
	_ WM		24/3	01 24/301	24/301	24/301	CASEWORK
	WP WPM	WATERPROOF OR WATERPROOFING WATERPROOF MEMBRANE			LK		
	WS	WEATHER-STRIPPING					INI
	WSCT	WAINSCOT WEIGHT	_		24/211		
	WV WV	WATER VALVE		LK			
	WWF	WELDED WIRE FABRIC			WF	/BF	
	WWM	WELDED WIRE MESH	_		NOTE:		AF ACCESS
	YR	YEAR				CASEWORK MAY BE INDICA N. REFER TO SPECIFICATION	
	_		BF			ION ON CONSTRUCTION & M PLANS AND DETAILS FOR NO	
	_				-	K CONSTRUCTION AND DET	
	_						
	_		24/2				
	_			SEWORK GENERAL NOTE FIELD VERIFY ALL AS BU		RIOR TO FABRICATING ANY (CASEWORK.
	_		2.				STORAGE AND GYM STORAGE SH
	_		3.	ALL CABINETS TO HAVE			
	_		5.	FINISH ALL EXPOSED EN	D CONDITIONS.		IONS WHERE CABINETS TERMINAT
	_		-			VE A 4" BACKSPLASH U.N.O. FACES OF 3/4" PLYWOOD TO	PS, BACKSPLASH AND SIDESPLAS
	_		8.		IN ALL SCIENCE CL	ASSROOMS SHALL HAVE 24	" CLEAR BETWEEN BOTTOM AND
			9.	I NUVIUE JU DEEP CUUI	NTERO IN ALL ART		
					K LEGE	ND AND NOT	E S
				3/8" = 1'-0"			

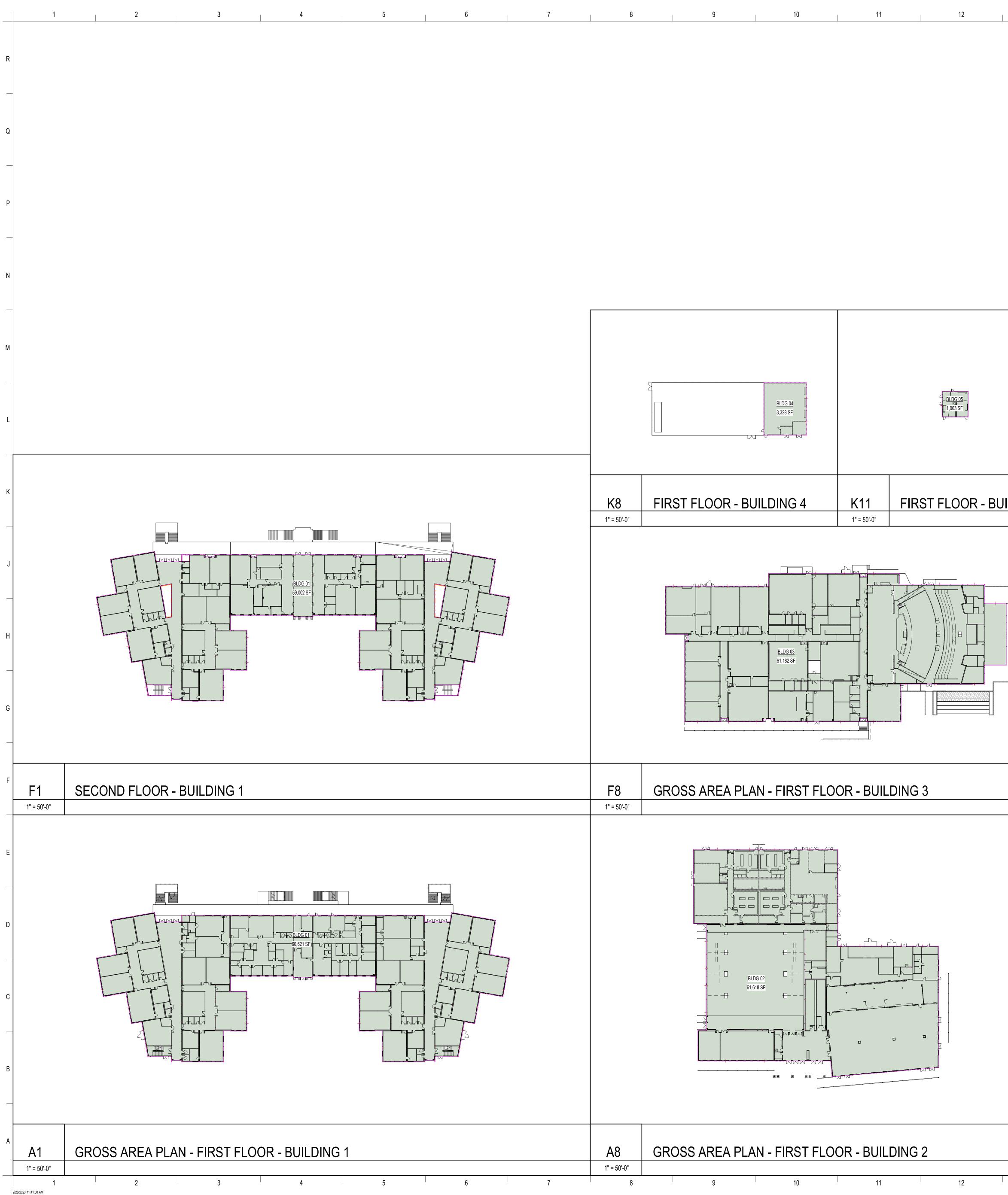
1 2 3 4 5 6 7 8 9 10 11 12

12 13 14 15	16 17 18	
LL MEASUREMENTS REQUIRED FOR PROPER EXECUTION OF WORK. WHEN VERIFICATION OF EXISTING CTION OR FABRICATION OF HIS MATERIAL SHALL BE THE CONTRACTOR RESPONSIBLE FOR THE PROCUREMENT OF	DRAWING CONVENTIONS	SCHENKELSHULTZ
PMENT INCLUDING BUT NOT LIMITED TO TOILET ACCESSORIES, DOOR HARDWARE, ELECTRICAL DEVICES,	REFERENCE SYMBOLS	200 E. ROBINSON STREET SUITE 300 ORLANDO, FL 32801
CENTERLINE OF DOOR UNLESS INDICATED OTHERWISE.	DETAIL NUMBER	voice 407-872-3322 fax 407-872-3303 schenkelshultz.com
PAINT IS INDICATED ON THE FINISH SCHEDULE OR FINISH PLANS. PAINT SURFACES BEHIND MOVABLE EQUIPMENT Y FIXED EQUIPMENT OR FURNITURE WITH PRIME COAT ONLY BEFORE FINAL INSTALLATION OF EQUIPMENT. PAINT	A101 SHEET WHERE DETAIL IS LOCATED REFERENCE SYMBOL (TYP.) WALL SECTIONS	SS Lic. NoAA-C000937 SEE WWW.SCHENKELSHULTZ.COM/COPYRIGHT FOR POLICY AND INFORMATION
O OTHERWISE. ING ADJACENT OR CONTIGUOUS FINISH.		
PERFORMED IN A WORKMANLIKE MANNER, AND SHALL MATCH IN COLOR, SHAPE, SIZE AND TEXTURE ADJACENT	A1 A101 A101 A101 A101 A101 A101 A101	
AWINGS.	BUILDING SECTIONS DETAIL SECTIONS DETAIL SECTIONS DETAIL #	
DRAWINGS. E TO FACE OF STUD, OR FACE OF STUD TO FACE OF STUD.	1 A101 SIM SIM SHEET #	
RETE WALL TO ROUGH DOOR OPENING, AND 4" FROM FACE OF ADJACENT STUD WALL TO ROUGH DOOR OPENING.	ENLARGEMENT REFERENCE CASEWORK ELEVATION	
STALLATION INSTRUCTIONS AND STANDARD DETAILS, IN STRICT ACCORDANCE WITH THE PROJECT SPECIFICATION	$1 \longrightarrow DETAIL # DETAIL # DETAIL # DETAIL # 1/ A101 1/ A101 1/ A101 1/ A101 1/ A101 1/ A101 1/ A101$	
ESHOLD AT A SLOPE OF 1/8" PER 12" MIN. U.N.O.	SHEET # SHEET # Interior Elevation Interior Elevation	
P DEVICES, SEALANTS AND RELATED PRODUCTS FOR FIRE-RATED FLOOR AND WALL PENETRATIONS (AND E INTEGRITY OF THE WALL ASSEMBLY.		
JATION BLANKETS.	IDENTITY SYMBOLS (4) LEARNING - ROOM NAME	
LANT AT JOINT.	4 STUDIO 101B ROOM NUMBER 150 SF ROOM AREA	REVISIONS MARK DESCRIPTION DATE 1 ADDENDUM 03 03/01/2023
ASSEMBLY OR FRAMED AROUND TO PROVIDE CONTINUOUS RATING TO DECK ABOVE.	COLUMN GRID ROOM TAG DOOR TAG	
PLANS. PROVIDE TYPE AND SIZE AS SPECIFIED. MOUNT AT 42" AFF TO TOP OF FE AND 48" TO TOP OF FEC. FIRE	CEILING TYPE	
	1t 10'-0" - CEILING HEIGHT SIZE SUFFIX	
	CEILING TYPE PARTITION TAG	CONFIDENTIAL COPYRIGHT 2020 SCHENKEL & SHULTZ INC. SEE <u>WWW.SCHENKELSHULTZ.COM/COPYRIGHT</u> FOR POLICY AND INFORMATION
	WC-3 — T-4 PLUMBING FIXTURE TAG TOILET ACCESSORY SIGN TAG	PURSUANT TO SECTION 102 OF THE COPYRIGHT ACT, 17 U.S.C., ALL CONCEPTS, IDEAS, DESIGNS, ARRANGEMENTS, DRAWINGS, AND PLANS INDICATED OR REPRESENTED BY THIS DOCUMENT ARE COPYRIGHTED BY SCHENKEL & SHULTZ INC. AS SUCH ALL CONCEPTS, IDEAS, DESIGNS, ARRANGEMENTS, DRAWINGS, AND PLANS INDICATED OR REPRESENTED BY THIS DOCUMENT ARE OWNED BY AND THE PROPERTY OF SCHENKELSHULTZ AND WERE CREATED, EVOLVED AND DEVELOPED FOR IT'S OWN USE. NONE OF THE IDEAS, DESIGNS, ARRANGEMENTS, OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, ARCHITECTURAL OR
	TAG WINDOW PREFIX	ENGINEERING FIRM, CONSTRUCTION FIRM, SUBCONTRACTING FIRM, SUPPLIER, OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF SCHENKEL & SHULTZ INC. PURSUANT TO SECTION 102 OF THE COPYRIGHT ACT, 17 U.S.C., PROTECTION FOR AN ARCHITECTURAL WORK CREATED AS A WORK MADE FOR HIRE ON OR AFTER DECEMBER 1, 1990, LASTS FOR 95 YEARS FROM THE DATE OF PUBLICATION OF THE WORK OR FOR 120 YEARS FROM THE DATE OF CREATION OF THE UNPUBLISHED PLANS, WHICHEVER TERM
	WINDOW ID WINDOW ID WINDOW CW CURTAINWALL	IS LESS. WARNING: REPRODUCTION HEREOF IS A CRIMINAL OFFENSE UNDER SECTION 102 OF THE COPYRIGHT ACT, 17 U.S.C.; 18 U.S.C. SEC. 506. UNAUTHORIZED DISCLOSURE MAY CONSTITUTE TRADE SECRET MISAPPROPRIATION IN VIOLATION OF I.C.24-2-31-1 ET. SEQ. AND OTHER LAWS. THE CONCEPTS, IDEAS, DESIGNS, ARRANGEMENTS, DRAWINGS, AND PLANS DISCLOSED ARE COPYRIGHTED AND HEREIN MAY BE PATENTED OR BE THE SUBJECT OF PENDING PATENT APPLICATION. ANYONE VIOLATING THE INTENT OF THIS COPYRIGHT PROTECTION WILL BE
	WINDOW TAG	PROSECUTED TO THE FULL EXTENT OF THE FEDERAL STATE AND LOCAL LAWS. WRITTEN DIMENSIONS ON THESE DOCUMENTS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE
	AR AP B	DRAWINGS. SHOP DRAWINGS AND OR DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR REVIEW BEFORE PROCEEDING WITH FABRICATION.
	GYPSUM TYPE TAGACOUSTICAL PARTITIONWINDOW BLIND TAGTAG(ON EQUIPMENT PLANS)	
	PT-1 - WALL RB-1 - BASE	
	PTI FINISH ACCENT T-1 FLOOR ACCENT NOTE TYP. ALL WALLS U.N.O.	
	<u>CEILING FINISH TAG</u> <u>ROOM FINISH TAG</u> <u>ROOM FINISH TAG</u>	
	MATERIAL LEGEND	
	BRICK MASONRY UNIT	
	CONCRETE MASONRY UNIT FINISHED WOOD MEMBER CONTINUOUS WOOD MEMBER GYPSUM WALL BOARD	
	CONTINUOUS WOOD MEMBER GYPSUM WALL BOARD INSULATION - FOAM METAL	
	INSULATION - RIGID INSULATION - RIGID INSULATION - SPRAY FOAM WOOD BLOCKING	
		ST. LUCIE HIGH SCHOOL DDD
	DIMENSIONING	
CASEWORK TAG LEGEND INDICATES WIDTH 24 / 211 INDICATES CABINET DESIGN SERIES STANDARD	 DOORS NOT OTHERWISE DIMENSIONED SHALL BE: A. 8" FROM FACE OF ADJACENT MASONRY WALL TO ROUGH DOOR OPENING. 	Port St. Lucie, FL
INDICATES WIDTH OF CABINET IN INCHES IN INCHES IN INCHES IN INCHES IN INCHES IN INCHES IN INCHES IN INCHES IN INCHES INDICATES CABINET DESIGN SERIES STANDARD DESIGNATIONS BY ARCHITECTURAL WOODWORK INSTITUTE.		
	 PARTITIONS NOT DIMENSIONED ON FLOOR PLANS. UNLESS OTHERWISE NOTED, PLAN DIMENSIONS ARE TAKEN FROM: 	St. Lucie
AF ACCESSORY FILLER PANEL ALL BASE CABINETS 24" DEEP U.N.O. AN OR BF BASE CABINET FILLER PANEL ALL WALL CABINETS 12" DEEP U.N.O.	A FACE OF STUD TO FACE OF STUD	PUBLIC SCHOOLS
DITIONAL FF FULL HEIGHT CABINET FILLER PANEL WF WALL CABINET FILLER PANEL ARD LK DRAWER / DOOR LOCK		
FP FINISHED PANEL	B. FACE OF CMU UNIT OR FACE OF CONCRETE WALL TO FACE OF CMU/STUD	St. Lucie Public Schools 9461 Brandywine Ln
		Port St. Lucie, FL 34986 ISSUE DATE: 12/16/2022
K. AND GYM STORAGE SHALL HAVE LOCKS (TYP.). PROVIDE LOCKS ON HALF OF ALL OTHER CABINETS AND		COMM. NO.: 2022107 DRAWN BY: RC,SM,AC CHECKED BY: KT
RE CABINETS TERMINATE AT A PERPENDICULAR WALL.	D. DIM. FACE OF CMU OR FACE OF CONCRETE WALL TO CENTERLINE OF CANOPY COLUMN	GENERAL INFORMATION AND
PLASH AND SIDESPLASH CONDITIONS, TYP. TWEEN BOTTOM AND TOP OF COUNTER.		ABBREVIATIONS
	DRAWING CONVENTIONS	G001
12 13 14 15	¹⁶ ¹⁷ PHASE III	- CONSTRUCTION DOCUMENTS

CAFETERIA AND AN AUDITORIUM / CT	WO STORY CLASSROOM BUILDING WITH ADMIN & MEDIA CENTER, A GYM,	USE	SF	.2 - OCCUPANT LOAD FACT
		ASSEMBLY (A1) - AUDITORIUM	(W/FIXED SEATING)	<u>FBC NFPA</u> SEAT COUNT
EHPA / STORM SHELTER		ASSEMBLY (A2) - UNCONCENT ASSEMBLY (A3) - GYMNASIUM		5 NSF 15 NSF SEAT COUNT
	D AS AN E.H.P.A. OR STORM SHELTER. BUILDING 02 WILL BE THE E.H.P.A., SEE G011.	- ASSEMBLY -CÓNCENTRATED - BUSINESS (B)	CHAIRS ONLY 7	7 NSF 7 NSF 0GSF 150 GSF
	NJUNCTION WITH THE COUNTY OFFICE OF EMERGENCY MANAGEMENT HAVE NOT E ICC-500 TESTING METHOD FOR THE ENVELOPE'S OPENING PROTECTIONS FOR C 453.	EDUCATIONAL		0 NSF 20 NSF
APPLICABLE CODES & S		FIRE RESISTANCE	RATING OF EXTERIOR W	ALL BASED
	FLORIDA BUILDING CODE 7th EDITION (2020) - COMPLYING WITH SECTION 453 FLORIDA FIRE PREVENTION CODE 7th EDITION (2020)		M IMAGINARY LINE	FB
	NFPA 1, FIRE CODE - FLORIDA AMENDED 2018 EDITIÓN NFPA 101, LIFE SAFETY CODE - FLORIDA AMENDED 2018 EDITION	TYPE IB	ТҮРЕ	IIB
	FLORIDA BUILDING CODE 7th EDITION (2020) - PLUMBING	x<5' AWAY: 5' =x<10' AWAY:</td <td>1 HOURS 1 HOURS</td> <td>1 HOURS 1 HOURS</td>	1 HOURS 1 HOURS	1 HOURS 1 HOURS
	FLORIDA BUILDING CODE 7th EDITION (2020) - FUEL GAS FLORIDA BUILDING CODE 7th EDITION (2020) - MECHANICAL	10' =x<30' AWAY:</td <td>1 HOURS</td> <td>0 HOURS</td>	1 HOURS	0 HOURS
	FLORIDA BUILDING CODE 7th EDITION (2020) - CHAPTER 27 NFPA 70, NATIONAL ELECTRICAL CODE - 2017 EDITION (BY REFERENCE)	x>/=30' AWAY:	0 HOURS	0 HOURS
ERGY:	FLORIDA BUILDING CODE 7th EDITION (2020) - ENERGY CONSERVATION FLORIDA BUILDING CODE 7th EDITION (2020) - ACCESSIBILITY	(F.B.C. Chapter 5 - General Build	HEIGHT BY CONSTRUCT	ION TYPE
			ALLOWABLE BUILDING AREA & H	EIGHTS ACTUAL BL
UTHORITIES HAVING JU	RISDICTION ST. LUCIE PUBLIC SCHOOLS	BLDG 01: (E) CLASSROOM /	TYPE I-B 6 STORIES (180'-0")	2 STORY (4 60.594 SF
ILDING / FIRE / LIFE SAFETT.		ADMINISTRATION / MEDIA CENTER	UNLIMITED	59,078 SF 119,623 SF
ENERAL INFORMATION				SPRINKLEF
L SIGNAGE, INCLUDING MAXIMUM C	OCCUPANCY, EXIT DIAGRAMS, ETC. TO BE PER S.R.E.F STANDARDS AND	BLDG 02: (E) GYM & CAFETERIA	TYPE II-B 3 STORIES (75'-0")	1 STORY (3 61,618 SF
QUIREMENTS AND MEET FLORIDA			58,000 SF W/ AREA INCREASE: 77,212 SF	1,836 SF 63,454 SF T
HOUR RATED PARTITION. PROTECT	ENTIFIED IN CONCEALED SPACES AND ABOVE CEILINGS WITH A SIGN TO READ ALL OPENINGS" WITH MIN. 4" HIGH, 1/2" WIDE STROKE LETTERS AT 15'			SPRINKLER
XIMUM INTERVALS. (SIM FOR 2 HO	UR RATED PARTITIONS)	BLDG 03: (E) AUDITORIUM & CTE LABS	TYPE II-B 3 STORIES (75'-0")	1 STORY (4 61,355 SF
	D IN CONCEALED SPACES AND ABOVE CEILING WITH A SIGN TO READ "SMOKE WITH MIN. 4" HIGH LETTERS AT 15' MAXIMUM INTERVALS. (SIM. FOR ALL WALLS		58,000 SF W/ AREA INCREASE: 77,212 SF	61,355 SF 3,105 SF 64,287 SF 1
QUIRED TO HAVE PROTECTIVE OP			WI AREA INGREADE: 11,212 SF	64,287 SF SPRINKLEF
RODUCT APPROVAL		BLDG 04: (E)	TYPE II-B 3 STORIES (75'-0")	1 STORY (1
E CONTRACTOR SHALL PROVIDE W	/IND AND MISSILE IMPACT APPROVED TEST DATA FOR THE	CENTRAL ENERGY PLANT	3 STORIES (75'-0") 58,000 SF	3,328 SF SPRINKLEF
	.DINGS, INCLUDING; BUT NOT LIMITED TO, ROOFING, DOORS, HATCH, SMOKE VENTS, AND WALLS AS REQUIRED BY FBC 106.3.5.	BLDG 05: (E)		1 STORY (1
	ORMATION SHALL BE SUBMITTED ON THE PRODUCT APPROVAL	CONCESSIONS	3 STORIES (75'-0") 58,000 SF	1,003 SF NON - SPRI
PECIFICATION SHEET PRIOR TO OBT			- EGRESS CALCULATION	NS
	OVIDED BY THE CONTRACTOR WITH SHOP DRAWING SUBMITTALS.		D - EGRESS CALCULATION DMINISTRATION / MEDIA CENTER)	
ORIDA PRODUCT APPROVAL AS AP IBMITTED AS APPLICABLE	PROVED BY THE FLORIDA BUILDING COMMISSION SHALL BE	FIRST FLOOR		
	(F.B.C. Chapter 3 - Use & Occupancy Classification)	ADMINISTRATION (FBC 1004.5 - BUSINESS 15	,	102 OCC
	(F.B.C. Chapter 5 - General Building Heights & Areas)	EDUCATIONAL - (FBC 1004.5 VOCATIONAL / LABS - (FBC 10	,	982 OCC 84 OCC
RIMARY OCCUPANCY: BLDGS 01, 02, CCESORY OCCUPANCIES: ASSEMBL	Y (A-1), (A-2), (A-3)			1,168 OCC
CCESORY OCCUPANCIES : BUSINES	· /	EXIT WIDTH REQUIRED: (1,16 EXIT WIDTH PROVIDED: (33"	68 OCC. X .2)=233.6" PER DOOR X 27 DOORS) = 891"	
III DILIA DIALZAATTAATTA			,	
	(FBC TABLE 1604.5 - RISK CATEGORY OF BUILDINGS AND OTHER STRUCTURES (NFPA 101 TABLE 7.3.1.2 - OCCUPANT LOAD FACTOR)	SECOND FLOOR		
<u>(CATEGORY</u>	(NFPA 101 TABLE 7.3.1.2 - OCCUPANT LOAD FACTOR)	EDUCATIONAL - (FBC 1004.5 VOCATIONAL / LABS - (FBC 10	004.5 - 50 NSF)	1,187 OCC 100 OCC
CATEGORY II EDUCATIONAL FACI		EDUCATIONAL - (FBC 1004.5 VOCATIONAL / LABS - (FBC 10 BUSINESS - (FBC 1004.5 - 150 READING ROOM - (FBC 1004.	004.5 - 50 NSF)) GROSS) 5 - 50 NET)	100 OCC 77 OCC 34 OCC
CATEGORY II EDUCATIONAL FACI	(NFPA 101 TABLE 7.3.1.2 - OCCUPANT LOAD FACTOR)	EDUCATIONAL - (FBC 1004.5 VOCATIONAL / LABS - (FBC 10 BUSINESS - (FBC 1004.5 - 150 READING ROOM - (FBC 1004. STACKS AREA - (FBC 1004.5 - CCTV - (FBC 453.18.1.5 -15 NS	004.5 - 50 NSF)) GROSS) 5 - 50 NET) - 100 GROSS) SF)	100 OCC 77 OCC 34 OCC 20 OCC 41 OCC
CATEGORY II EDUCATIONAL FACI V DESIGNATED HURF ONSTRUCTION TYPE	(NFPA 101 TABLE 7.3.1.2 - OCCUPANT LOAD FACTOR) LITIES GROUP "E" AND ASSEMBLY FACILTIES GROUP "A" CICANE OR EMERGENCY PUBLIC SHELTER (F.B.C. Chapter 6 - Types of Construction)	EDUCATIONAL - (FBC 1004.5 VOCATIONAL / LABS - (FBC 10 BUSINESS - (FBC 1004.5 - 150 READING ROOM - (FBC 1004. STACKS AREA - (FBC 1004.5 -	004.5 - 50 NSF)) GROSS) 5 - 50 NET) - 100 GROSS) SF)	100 OCC 77 OCC 34 OCC 20 OCC 41 OCC 48 OCC
CATEGORY II EDUCATIONAL FACI V DESIGNATED HURF ONSTRUCTION TYPE ILDING:	(NFPA 101 TABLE 7.3.1.2 - OCCUPANT LOAD FACTOR) LITIES GROUP "E" AND ASSEMBLY FACILTIES GROUP "A" RICANE OR EMERGENCY PUBLIC SHELTER	EDUCATIONAL - (FBC 1004.5 VOCATIONAL / LABS - (FBC 10 BUSINESS - (FBC 1004.5 - 150 READING ROOM - (FBC 1004.5 - STACKS AREA - (FBC 1004.5 - CCTV - (FBC 453.18.1.5 -15 NS SMALL GROUP - (FBC 453.18. EXIT WIDTH REQUIRED: (1,50	004.5 - 50 NSF) 0 GROSS) 5 - 50 NET) - 100 GROSS) SF) .1.4 - 5 NSF) 07 OCC X 0.2) = 301.4"	100 OCC 77 OCC 34 OCC 20 OCC 41 OCC
<u>CATEGORY</u> III EDUCATIONAL FACI IV DESIGNATED HURF ONSTRUCTION TYPE JILDING:	(NFPA 101 TABLE 7.3.1.2 - OCCUPANT LOAD FACTOR) LITIES GROUP "E" AND ASSEMBLY FACILTIES GROUP "A" CICANE OR EMERGENCY PUBLIC SHELTER (F.B.C. Chapter 6 - Types of Construction) TYPE I-B & TYPE II-B CONSTRUCTION, SPRINKLERED (FBC TABLE 504.3a, 504.4) (req'd per FBC 453.8.3.1)	EDUCATIONAL - (FBC 1004.5 VOCATIONAL / LABS - (FBC 10 BUSINESS - (FBC 1004.5 - 150 READING ROOM - (FBC 1004. STACKS AREA - (FBC 1004.5 - CCTV - (FBC 453.18.1.5 -15 NS SMALL GROUP - (FBC 453.18. EXIT WIDTH REQUIRED: (1,50 EXIT WIDTH PROVIDED : (33"	004.5 - 50 NSF) 0 GROSS) 5 - 50 NET) - 100 GROSS) SF) .1.4 - 5 NSF) 07 OCC X 0.2) = 301.4" PER DOOR X 26 DOORS) = 858"	100 OCC 77 OCC 34 OCC 20 OCC 41 OCC 48 OCC
K CATEGORY III EDUCATIONAL FACI IV DESIGNATED HURF ONSTRUCTION TYPE JILDING:	(NFPA 101 TABLE 7.3.1.2 - OCCUPANT LOAD FACTOR) LITIES GROUP "E" AND ASSEMBLY FACILTIES GROUP "A" CANE OR EMERGENCY PUBLIC SHELTER (F.B.C. Chapter 6 - Types of Construction) TYPE I-B & TYPE II-B CONSTRUCTION, SPRINKLERED (FBC TABLE 504.3a, 504.4)	EDUCATIONAL - (FBC 1004.5 VOCATIONAL / LABS - (FBC 10 BUSINESS - (FBC 1004.5 - 150 READING ROOM - (FBC 1004. STACKS AREA - (FBC 1004.5 - CCTV - (FBC 453.18.1.5 -15 NS SMALL GROUP - (FBC 453.18. EXIT WIDTH REQUIRED: (1,50 EXIT WIDTH PROVIDED : (33" STAR WIDTH REQUIRED (1,50	004.5 - 50 NSF) 0 GROSS) 5 - 50 NET) - 100 GROSS) SF) .1.4 - 5 NSF) 07 OCC X 0.2) = 301.4" PER DOOR X 26 DOORS) = 858"	100 OCC 77 OCC 34 OCC 20 OCC 41 OCC 48 OCC 1,507 OCC
CATEGORY I EDUCATIONAL FACI V DESIGNATED HURF ONSTRUCTION TYPE ILDING: RE RESISTANCE OF BL PE I-B CONSTRUCTION (BLDG 01)	(NFPA 101 TABLE 7.3.1.2 - OCCUPANT LOAD FACTOR) LITIES GROUP "E" AND ASSEMBLY FACILTIES GROUP "A" CICANE OR EMERGENCY PUBLIC SHELTER (F.B.C. Chapter 6 - Types of Construction) TYPE I-B & TYPE II-B CONSTRUCTION, SPRINKLERED (FBC TABLE 504.3a, 504.4) (req'd per FBC 453.8.3.1)	EDUCATIONAL - (FBC 1004.5 VOCATIONAL / LABS - (FBC 10 BUSINESS - (FBC 1004.5 - 150 READING ROOM - (FBC 1004. STACKS AREA - (FBC 1004.5 - CCTV - (FBC 453.18.1.5 -15 NS SMALL GROUP - (FBC 453.18. EXIT WIDTH REQUIRED: (1,50 EXIT WIDTH PROVIDED : (33" STAR WIDTH REQUIRED (1,50	004.5 - 50 NSF)) GROSS) 5 - 50 NET) - 100 GROSS) SF) .1.4 - 5 NSF))7 OCC X 0.2) = 301.4" PER DOOR X 26 DOORS) = 858" 07 X 0.3) = 452.1" TAIRS @ 5', 2 STAIR @ 11'-2" & 2 STAIR	100 OCC 77 OCC 34 OCC 20 OCC 41 OCC 48 OCC 1,507 OCC
CATEGORY II EDUCATIONAL FACI V DESIGNATED HURF ONSTRUCTION TYPE ILDING: RE RESISTANCE OF BL PE I-B CONSTRUCTION (BLDG 01) IMARY STRUCT. FRAME: ARING WALLS - EXT:	(NFPA 101 TABLE 7.3.1.2 - OCCUPANT LOAD FACTOR) LITIES GROUP "E" AND ASSEMBLY FACILTIES GROUP "A" NCANE OR EMERGENCY PUBLIC SHELTER (F.B.C. Chapter 6 - Types of Construction) TYPE I-B & TYPE II-B CONSTRUCTION, SPRINKLERED (FBC TABLE 504.3a, 504.4) (req'd per FBC 453.8.3.1) DG. ELEMENTS BY CONSTRUCTION TYPE 2 HOURS ** 2 HOURS **	EDUCATIONAL - (FBC 1004.5 VOCATIONAL / LABS - (FBC 10 BUSINESS - (FBC 1004.5 - 150 READING ROOM - (FBC 1004. STACKS AREA - (FBC 1004.5 - CCTV - (FBC 453.18.1.5 -15 NS SMALL GROUP - (FBC 453.18. EXIT WIDTH REQUIRED: (1,50 EXIT WIDTH PROVIDED : (33" STAR WIDTH PROVIDED : (33" STAR WIDTH REQUIRED (1,50 STAIR WIDTH PROVIDED 2 ST BUILDING 02 (GYMNASIUM 6 GYM(FBC 453.18.12: 1 OCC	004.5 - 50 NSF) 0 GROSS) 5 - 50 NET) - 100 GROSS) SF) .1.4 - 5 NSF) 07 OCC X 0.2) = 301.4" PER DOOR X 26 DOORS) = 858" 07 X 0.3) = 452.1" TAIRS @ 5', 2 STAIR @ 11'-2" & 2 STAIR & CAFETERIA) C/SEATS + 1 OCC/15 NSF GYM COURT)	100 OCC 77 OCC 34 OCC 20 OCC 41 OCC 48 OCC 1,507 OCC RS @ 11'-8" - TOTAL WIDTH =
K CATEGORY II EDUCATIONAL FACI V DESIGNATED HURF ONSTRUCTION TYPE JILDING: IRE RESISTANCE OF BL YPE I-B CONSTRUCTION (BLDG 01) RIMARY STRUCT. FRAME: ARING WALLS - EXT: ARING WALLS - INT: DNBEARING WALLS - EXT:	(NFPA 101 TABLE 7.3.1.2 - OCCUPANT LOAD FACTOR) LITIES GROUP "E" AND ASSEMBLY FACILTIES GROUP "A" NCANE OR EMERGENCY PUBLIC SHELTER (F.B.C. Chapter 6 - Types of Construction) TYPE I-B & TYPE II-B CONSTRUCTION, SPRINKLERED (FBC TABLE 504.3a, 504.4) (req'd per FBC 453.8.3.1) DG. ELEMENTS BY CONSTRUCTION TYPE 2 HOURS ** 2 HOURS ** 2 HOURS ** SEE TABLE 602	EDUCATIONAL - (FBC 1004.5 VOCATIONAL / LABS - (FBC 10 BUSINESS - (FBC 1004.5 - 150 READING ROOM - (FBC 1004.5 STACKS AREA - (FBC 1004.5 CCTV - (FBC 453.18.1.5 - 15 NS SMALL GROUP - (FBC 453.18. EXIT WIDTH REQUIRED: (1,50 EXIT WIDTH PROVIDED : (33" STAR WIDTH PROVIDED : (33" BUILDING 02 (GYMNASIUM GYM(FBC 453.18.12: 1 OCC LOCKER ROOMS - (FBC 453.18)	004.5 - 50 NSF) 0 GROSS) 5 - 50 NET) - 100 GROSS) SF) 1.4 - 5 NSF) 07 OCC X 0.2) = 301.4" PER DOOR X 26 DOORS) = 858" 07 X 0.3) = 452.1" TAIRS @ 5', 2 STAIR @ 11'-2" & 2 STAIR & CAFETERIA) C/SEATS + 1 OCC/15 NSF GYM COURT) 18.1.1 - 5 NSF) EIGHT ROOM) -(FBC 1004.5 - 50 GROSS	100 OCC 77 OCC 34 OCC 20 OCC 41 OCC 48 OCC 1,507 OCC 8S @ 11'-8" - TOTAL WIDTH = 1,617 469 S) 75
K CATEGORY II EDUCATIONAL FACI V DESIGNATED HURF ONSTRUCTION TYPE JILDING: IILDING: IRE RESISTANCE OF BL YPE I-B CONSTRUCTION (BLDG 01) RIMARY STRUCT. FRAME: ARING WALLS - EXT: ARING WALLS - INT: DNBEARING WALLS - INT:	(NFPA 101 TABLE 7.3.1.2 - OCCUPANT LOAD FACTOR) LITIES GROUP "E" AND ASSEMBLY FACILTIES GROUP "A" NCANE OR EMERGENCY PUBLIC SHELTER (F.B.C. Chapter 6 - Types of Construction) TYPE I-B & TYPE II-B CONSTRUCTION, SPRINKLERED (FBC TABLE 504.3a, 504.4) (req'd per FBC 453.8.3.1) DG. ELEMENTS BY CONSTRUCTION TYPE 2 HOURS ** 2 HOURS **	EDUCATIONAL - (FBC 1004.5 VOCATIONAL / LABS - (FBC 10 BUSINESS - (FBC 1004.5 - 150 READING ROOM - (FBC 1004.5 CCTV - (FBC 453.18.1.5 -15 NS SMALL GROUP - (FBC 453.18. EXIT WIDTH REQUIRED: (1,50 EXIT WIDTH PROVIDED : (33" STAR WIDTH PROVIDED : (33" BUILDING 02 (GYMNASIUM GYM - (FBC 453.18.12: 1 OCC LOCKER ROOMS - (FBC 453. EXERCISE (WRESTLING & WE BUSINESS (FBC 1004.5 - 150 0 1 ADDITIONAL TEACHER FC	004.5 - 50 NSF) 0 GROSS) 5 - 50 NET) - 100 GROSS) SF) 1.4 - 5 NSF) 07 OCC X 0.2) = 301.4" PER DOOR X 26 DOORS) = 858" 07 X 0.3) = 452.1" TAIRS @ 5', 2 STAIR @ 11'-2" & 2 STAIR & CAFETERIA) C/SEATS + 1 OCC/15 NSF GYM COURT) 18.1.1 - 5 NSF) EIGHT ROOM) -(FBC 1004.5 - 50 GROSS GROSS) OR CLASSROOM	100 OCC 77 OCC 34 OCC 20 OCC 41 OCC 48 OCC 1,507 OCC 1,507 OCC 8S @ 11'-8" - TOTAL WIDTH = 1,617 469 S) 75 16
K CATEGORY III EDUCATIONAL FACI IV IV DESIGNATED HURF CONSTRUCTION TYPE UILDING: IRE RESISTANCE OF BL YPE I-B CONSTRUCTION (BLDG 01) RIMARY STRUCT. FRAME: EARING WALLS - EXT: ONBEARING WALLS - INT: ONBEARING WALLS - INT: ONBEARING WALLS - INT: OOR CONSTRUCTION: OOF CONSTRUCTION:	(NFPA 101 TABLE 7.3.1.2 - OCCUPANT LOAD FACTOR) LITIES GROUP "E" AND ASSEMBLY FACILTIES GROUP "A" INCANE OR EMERGENCY PUBLIC SHELTER (F.B.C. Chapter 6 - Types of Construction) TYPE I-B & TYPE II-B CONSTRUCTION, SPRINKLERED (FBC TABLE 504.3a, 504.4) (req'd per FBC 453.8.3.1) DG. ELEMENTS BY CONSTRUCTION TYPE 2 HOURS ** 2 HOURS ** SEE TABLE 602 0 HOURS 2 HOURS 2 HOURS 1 HOUR ***	EDUCATIONAL - (FBC 1004.5 VOCATIONAL / LABS - (FBC 10 BUSINESS - (FBC 1004.5 - 150 READING ROOM - (FBC 1004.5 - CCTV - (FBC 453.18.1.5 -15 NS SMALL GROUP - (FBC 453.18. EXIT WIDTH REQUIRED: (1,50 EXIT WIDTH PROVIDED : (33" STAR WIDTH PROVIDED : (33" STAR WIDTH PROVIDED 2 ST BUILDING 02 (GYMNASIUM GYM - (FBC 453.18.12: 1 OCC LOCKER ROOMS - (FBC 453. EXERCISE (WRESTLING & WE BUSINESS (FBC 1004.5 - 150 0	004.5 - 50 NSF) 0 GROSS) 5 - 50 NET) - 100 GROSS) SF) .1.4 - 5 NSF) 07 OCC X 0.2) = 301.4" PER DOOR X 26 DOORS) = 858" 07 X 0.3) = 452.1" TAIRS @ 5', 2 STAIR @ 11'-2" & 2 STAIR & CAFETERIA) C/SEATS + 1 OCC/15 NSF GYM COURT) 18.1.1 - 5 NSF) EIGHT ROOM) -(FBC 1004.5 - 50 GROSS) GROSS) OR CLASSROOM EDUCATIONAL- 20 NSF)	100 OCC 77 OCC 34 OCC 20 OCC 41 OCC 48 OCC 1,507 OCC 8S @ 11'-8" - TOTAL WIDTH = 1,617 469 S) 75
K CATEGORY III EDUCATIONAL FACI IV IV DESIGNATED HURF CONSTRUCTION TYPE CONSTRUCTION TYPE UILDING: IRE RESISTANCE OF BL YPE I-B CONSTRUCTION (BLDG 01) RIMARY STRUCT. FRAME: EARING WALLS - EXT: ONBEARING WALLS - INT: ONBEARING WALLS - INT: OOR CONSTRUCTION: OOF CONSTRUCTION: OOF CONSTRUCTION: ORRIDORS:	(NFPA 101 TABLE 7.3.1.2 - OCCUPANT LOAD FACTOR) LITIES GROUP "E" AND ASSEMBLY FACILTIES GROUP "A" INCANE OR EMERGENCY PUBLIC SHELTER (F.B.C. Chapter 6 - Types of Construction) TYPE I-B & TYPE II-B CONSTRUCTION, SPRINKLERED (FBC TABLE 504.3a, 504.4) (req'd per FBC 453.8.3.1) DG. ELEMENTS BY CONSTRUCTION TYPE 2 HOURS ** 2 HOURS ** SEE TABLE 602 0 HOURS 2 HOURS	EDUCATIONAL - (FBC 1004.5 VOCATIONAL / LABS - (FBC 10 BUSINESS - (FBC 1004.5 - 150 READING ROOM - (FBC 1004. STACKS AREA - (FBC 1004.5 - CCTV - (FBC 453.18.1.5 - 15 NS SMALL GROUP - (FBC 453.18. EXIT WIDTH REQUIRED: (1,50 EXIT WIDTH PROVIDED : (33" STAR WIDTH PROVIDED : (33" STAR WIDTH PROVIDED 2 ST BUILDING 02 (GYMNASIUM GYM - (FBC 453.18.12: 1 OCC LOCKER ROOMS - (FBC 453. EXERCISE (WRESTLING & WE BUSINESS (FBC 1004.5 - 150 0 1 ADDITIONAL TEACHER FC HEALTH CLASS(FBC 1004.5 F	004.5 - 50 NSF) 0 GROSS) 5 - 50 NET) - 100 GROSS) SF) 1.4 - 5 NSF) 07 OCC X 0.2) = 301.4" PER DOOR X 26 DOORS) = 858" 07 X 0.3) = 452.1" TAIRS @ 5', 2 STAIR @ 11'-2" & 2 STAIR & CAFETERIA) C/SEATS + 1 OCC/15 NSF GYM COURT) 18.1.1 - 5 NSF) EIGHT ROOM) -(FBC 1004.5 - 50 GROSS GROSS) OR CLASSROOM EDUCATIONAL- 20 NSF) AREHOUSE - 500 NSF)	100 OCC 77 OCC 34 OCC 20 OCC 41 OCC 48 OCC 1,507 OCC 1,507 OCC 8S @ 11'-8" - TOTAL WIDTH = 1,617 469 5) 75 16 44
K CATEGORY III EDUCATIONAL FACI IV DESIGNATED HURF CONSTRUCTION TYPE JILDING: IRE RESISTANCE OF BL /PE I-B CONSTRUCTION (BLDG 01) RIMARY STRUCT. FRAME: EARING WALLS - EXT: CONBEARING WALLS - INT: ONBEARING WALLS - INT: OOR CONSTRUCTION: OOF CONSTRUCTION: ORRIDORS: KIT STAIRS:	(NFPA 101 TABLE 7.3.1.2 - OCCUPANT LOAD FACTOR) LITIES GROUP "E" AND ASSEMBLY FACILTIES GROUP "A" ICANE OR EMERGENCY PUBLIC SHELTER (F.B.C. Chapter 6 - Types of Construction) TYPE I-B & TYPE II-B CONSTRUCTION, SPRINKLERED (FBC TABLE 504.3a, 504.4) (req'd per FBC 453.8.3.1) DG. ELEMENTS BY CONSTRUCTION TYPE 2 HOURS ** 2 HOURS ** 2 HOURS ** SEE TABLE 602 0 HOURS 2 HOURS 1 HOUR *** SMOKE PARTITION (NFPA-101, 14.3.6(2)a)	EDUCATIONAL - (FBC 1004.5 VOCATIONAL / LABS - (FBC 10 BUSINESS - (FBC 1004.5 - 150 READING ROOM - (FBC 1004. STACKS AREA - (FBC 1004.5 - CCTV - (FBC 453.18.1.5 - 15 NS SMALL GROUP - (FBC 453.18. EXIT WIDTH REQUIRED: (1,50 EXIT WIDTH PROVIDED : (33" STAR WIDTH PROVIDED : (33" STAR WIDTH PROVIDED 2 ST BUILDING 02 (GYMNASIUM GYM(FBC 453.18.12: 1 OCC LOCKER ROOMS - (FBC 453.7 EXERCISE (WRESTLING & WE BUSINESS (FBC 1004.5 - 150 0 1 ADDITIONAL TEACHER FC HEALTH CLASS(FBC 1005.4 - WA DINING -	004.5 - 50 NSF) 0 GROSS) 5 - 50 NET) - 100 GROSS) SF) 1.4 - 5 NSF) 07 OCC X 0.2) = 301.4" PER DOOR X 26 DOORS) = 858" 07 X 0.3) = 452.1" TAIRS @ 5', 2 STAIR @ 11'-2" & 2 STAIR & CAFETERIA) C/SEATS + 1 OCC/15 NSF GYM COURT) 18.1.1 - 5 NSF) EIGHT ROOM) -(FBC 1004.5 - 50 GROSS GROSS) OR CLASSROOM EDUCATIONAL- 20 NSF) AREHOUSE - 500 NSF) ITHOUT FIXED SEATS (F)	100 OCC 77 OCC 34 OCC 20 OCC 41 OCC 48 OCC 1,507 OCC 1,507 OCC 8S @ 11'-8" - TOTAL WIDTH = 1,617 469 5) 75 16 44
SK CATEGORY III EDUCATIONAL FACI DESIGNATED HURF IV DESIGNATED HURF CONSTRUCTION TYPE UILDING: IRE RESISTANCE OF BL YPE I-B CONSTRUCTION (BLDG 01) RIMARY STRUCT. FRAME: EARING WALLS - EXT: IONBEARING WALLS - INT: IONBEARING WALLS - INT: IONBEARING WALLS - INT: IOOR CONSTRUCTION: COOF CONSTRUCTION: CORRIDORS: XIT STAIRS: LOOR OPENINGS / SHAFTS:	(NFPA 101 TABLE 7.3.1.2 - OCCUPANT LOAD FACTOR) LITIES GROUP "E" AND ASSEMBLY FACILTIES GROUP "A" ICANE OR EMERGENCY PUBLIC SHELTER (F.B.C. Chapter 6 - Types of Construction) TYPE I-B & TYPE II-B CONSTRUCTION, SPRINKLERED (FBC TABLE 504.3a, 504.4) (req'd per FBC 453.8.3.1) DG. ELEMENTS BY CONSTRUCTION TYPE 2 HOURS ** 2 HOURS ** 2 HOURS ** 2 HOURS ** SEE TABLE 602 0 HOURS 2 HOURS 1 HOUR *** SMOKE PARTITION (NFPA-101, 14.3.6(2)a) 1 HOUR (FBC 1023.1 / NFPA-101, 7.2.2.5.2.3) 2 HOUR (FBC 713.4 / NFPA-101, 8.6.5(2) IUCTURAL FRAME AND BEARING WALLS ARE PERMITTED TO BE REDUCED BY	EDUCATIONAL - (FBC 1004.5 VOCATIONAL / LABS - (FBC 10 BUSINESS - (FBC 1004.5 - 150 READING ROOM - (FBC 1004. STACKS AREA - (FBC 1004.5 - CCTV - (FBC 453.18.1.5 -15 NS SMALL GROUP - (FBC 453.18. EXIT WIDTH REQUIRED: (1,50 EXIT WIDTH PROVIDED : (33" STAR WIDTH PROVIDED : (33" STAR WIDTH PROVIDED 2 ST BUILDING 02 (GYMNASIUM GYM - (FBC 453.18.12: 1 OCC LOCKER ROOMS - (FBC 453. EXERCISE (WRESTLING & WE BUSINESS (FBC 1004.5 - 150 0 1 ADDITIONAL TEACHER FC HEALTH CLASS(FBC 1005.4 - WA DINING - (FBC 1004.5 ASSEMBLY WI UNCONCENTRATED: 15 NS	004.5 - 50 NSF) 0 GROSS) 5 - 50 NET) - 100 GROSS) SF) 1.4 - 5 NSF) 07 OCC X 0.2) = 301.4" PER DOOR X 26 DOORS) = 858" 07 X 0.3) = 452.1" TAIRS @ 5', 2 STAIR @ 11'-2" & 2 STAIR & CAFETERIA) C/SEATS + 1 OCC/15 NSF GYM COURT) 18.1.1 - 5 NSF) EIGHT ROOM) -(FBC 1004.5 - 50 GROSS GROSS) OR CLASSROOM EDUCATIONAL- 20 NSF) AREHOUSE - 500 NSF) ITHOUT FIXED SEATS (F)	100 OCC 77 OCC 34 OCC 20 OCC 41 OCC 48 OCC 1,507 OCC RS @ 11'-8" - TOTAL WIDTH = 1,617 469 S) 75 16 44 4 4 670
IV DESIGNATED HURF CONSTRUCTION TYPE BUILDING: FIRE RESISTANCE OF BL YPE I-B CONSTRUCTION (BLDG 01) PRIMARY STRUCT. FRAME: BEARING WALLS - EXT: BEARING WALLS - INT: IONBEARING WALLS - INT: IOOR CONSTRUCTION: CORRIDORS: XIT STAIRS: IOOR OPENINGS / SHAFTS: * FIRE RESISTANCE RATINGS OF STR + HOUR WHERE SUPPORTING ONE FI ** FIRE PROTECTION OF STRUCTURA	(NFPA 101 TABLE 7.3.1.2 - OCCUPANT LOAD FACTOR) LITIES GROUP "E" AND ASSEMBLY FACILTIES GROUP "A" ICANE OR EMERGENCY PUBLIC SHELTER (F.B.C. Chapter 6 - Types of Construction) TYPE I-B & TYPE II-B CONSTRUCTION, SPRINKLERED (FBC TABLE 504.3a, 504.4) (req'd per FBC 453.8.3.1) DG. ELEMENTS BY CONSTRUCTION TYPE 2 HOURS ** 2 HOURS ** 2 HOURS ** SEE TABLE 602 0 HOURS 2 HOURS 1 HOUR *** SMOKE PARTITION (NFPA-101, 14.3.6(2)a) 1 HOUR *** SMOKE PARTITION (NFPA-101, 7.2.2.5.2.3) 2 HOUR (FBC 713.4 / NFPA-101, 8.6.5(2) FUCTURAL FRAME AND BEARING WALLS ARE PERMITTED TO BE REDUCED BY LOOR OR ONE ROOF ONLY. L MEMBERS SHALL NOT BE REQUIRED ,INCLUDING PROTECTION OF ROOF	EDUCATIONAL - (FBC 1004.5 VOCATIONAL / LABS - (FBC 10 BUSINESS - (FBC 1004.5 - 150 READING ROOM - (FBC 1004. STACKS AREA - (FBC 1004.5 - CCTV - (FBC 453.18.1.5 - 15 NS SMALL GROUP - (FBC 453.18. EXIT WIDTH REQUIRED: (1,50 EXIT WIDTH PROVIDED : (33" STAR WIDTH PROVIDED : (33" STAR WIDTH PROVIDED 2 ST BUILDING 02 (GYMNASIUM 6 GYM(FBC 453.18.12: 1 OCC LOCKER ROOMS - (FBC 453.1 EXERCISE (WRESTLING & WE BUSINESS (FBC 1004.5 - 150 0 1 ADDITIONAL TEACHER FO HEALTH CLASS(FBC 1004.5 F RECEIVING - (FBC 1005.4 - W) DINING - (FBC 1004.5 ASSEMBLY WI UNCONCENTRATED: 15 NS KITCHEN & SERVING - (FBC 10	004.5 - 50 NSF) 0 GROSS) 5 - 50 NET) - 100 GROSS) SF) 1.4 - 5 NSF) 07 OCC X 0.2) = 301.4" PER DOOR X 26 DOORS) = 858" 07 X 0.3) = 452.1" TAIRS @ 5', 2 STAIR @ 11'-2" & 2 STAIR & CAFETERIA) C/SEATS + 1 OCC/15 NSF GYM COURT) 18.1.1 - 5 NSF) EIGHT ROOM) -(FBC 1004.5 - 50 GROSS GROSS) OR CLASSROOM EDUCATIONAL- 20 NSF) AREHOUSE - 500 NSF) ITHOUT FIXED SEATS (F)	100 OCC 77 OCC 34 OCC 20 OCC 41 OCC 48 OCC 1,507 OCC RS @ 11'-8" - TOTAL WIDTH = 1,617 469 5) 75 16 44 4 4 670 31
BK CATEGORY III EDUCATIONAL FACI DESIGNATED HURF IV DESIGNATED HURF CONSTRUCTION TYPE UILDING: FIRE RESISTANCE OF BL YPE I-B CONSTRUCTION (BLDG 01) RIMARY STRUCT. FRAME: EARING WALLS - EXT: IONBEARING WALLS - INT: IONBEARING WALLS - INT: IONBEARING WALLS - INT: IONBEARING WALLS - INT: IOOR CONSTRUCTION: COOF CONSTRUCTION: COOF CONSTRUCTION: CORRIDORS: XIT STAIRS: LOOR OPENINGS / SHAFTS: * FIRE RESISTANCE RATINGS OF STR * FIRE PROTECTION OF STRUCTURA	(NFPA 101 TABLE 7.3.1.2 - OCCUPANT LOAD FACTOR) LITIES GROUP "E" AND ASSEMBLY FACILTIES GROUP "A" (F.B.C. Chapter 6 - Types of Construction) TYPE I-B & TYPE II-B CONSTRUCTION, SPRINKLERED (FBC TABLE 504.3a, 504.4) (req'd per FBC 453.8.3.1) DG. ELEMENTS BY CONSTRUCTION TYPE 2 HOURS ** 2 HOURS ** 2 HOURS ** 2 HOURS ** SEE TABLE 602 0 HOURS 2 HOURS 1 1 HOUR *** SMOKE PARTITION (NFPA-101, 14.3.6(2)a) 1 HOUR (FBC 1023.1 / NFPA-101, 7.2.2.5.2.3) 2 HOUR (FBC 713.4 / NFPA-101, 8.6.5(2) UCTURAL FRAME AND BEARING WALLS ARE PERMITTED TO BE REDUCED BY _OOR OR ONE ROOF ONLY. L MEMBERS SHALL NOT BE REQUIRED ,INCLUDING PROTECTION OF ROOF RY PART OF THE ROOF CONSTRUCTION IS 20 FEET OR MORE ABOVE ANY	EDUCATIONAL - (FBC 1004.5 VOCATIONAL / LABS - (FBC 10 BUSINESS - (FBC 1004.5 - 150 READING ROOM - (FBC 1004. STACKS AREA - (FBC 1004.5 - CCTV - (FBC 453.18.1.5 - 15 NS SMALL GROUP - (FBC 453.18. EXIT WIDTH REQUIRED: (1,50 EXIT WIDTH PROVIDED : (33" STAR WIDTH PROVIDED : (33" STAR WIDTH PROVIDED 2 ST BUILDING 02 (GYMNASIUM 6 GYM(FBC 453.18.12: 1 OCC LOCKER ROOMS - (FBC 453.18) EXERCISE (WRESTLING & WE BUSINESS (FBC 1004.5 - 150 0 1 ADDITIONAL TEACHER FO HEALTH CLASS(FBC 1005.4 - W) DINING - (FBC 1004.5 ASSEMBLY WI UNCONCENTRATED: 15 NS KITCHEN & SERVING - (FBC 10 GYM - 1,617 OCC 4 EXITS F EXIT WIDTH REQUIRED: (2,95	004.5 - 50 NSF) 0 GROSS) 5 - 50 NET) - 100 GROSS) SF) 1.4 - 5 NSF) 07 OCC X 0.2) = 301.4" PER DOOR X 26 DOORS) = 858" 07 X 0.3) = 452.1" TAIRS @ 5', 2 STAIR @ 11'-2" & 2 STAIR & CAFETERIA) C/SEATS + 1 OCC/15 NSF GYM COURT) 18.1.1 - 5 NSF) EIGHT ROOM) -(FBC 1004.5 - 50 GROSS GROSS) OR CLASSROOM EDUCATIONAL- 20 NSF) AREHOUSE - 500 NSF) 1THOUT FIXED SEATS SF) 1004.5 - 200 GROSS) REQUIRED, 4 EXITS PROVIDED 56 OCC. X .2) = 591.2"	100 OCC 77 OCC 34 OCC 20 OCC 41 OCC 48 OCC 1,507 OCC RS @ 11'-8" - TOTAL WIDTH = 1,617 469 5) 75 16 44 4 4 670 31
SK CATEGORY III EDUCATIONAL FACI DESIGNATED HURF IV DESIGNATED HURF CONSTRUCTION TYPE UILDING: TRE RESISTANCE OF BL YPE I-B CONSTRUCTION (BLDG 01) RIMARY STRUCT. FRAME: EARING WALLS - EXT: IONBEARING WALLS - INT: IONBEARING WALLS - INT: IONBEARING WALLS - INT: IOOR CONSTRUCTION: COOF CONSTRUCTION: COOF CONSTRUCTION: IOOR OPENINGS / SHAFTS: * FIRE RESISTANCE RATINGS OF STR * FIRE RESISTANCE RATINGS OF STR * FIRE PROTECTION OF STRUCTURA RAMING AND DECKING WHERE EVEF LOOR IMMEDIATELY BELOW. (FBC 1 YPE II-B CONSTRUCTION (BLDG 02, 0)	(NFPA 101 TABLE 7.3.1.2 - OCCUPANT LOAD FACTOR) LITIES GROUP "E" AND ASSEMBLY FACILTIES GROUP "A" IICANE OR EMERGENCY PUBLIC SHELTER (F.B.C. Chapter 6 - Types of Construction) TYPE I-B & TYPE II-B CONSTRUCTION, SPRINKLERED (FBC TABLE 504.3a, 504.4) (req'd per FBC 453.8.3.1) DG. ELEMENTS BY CONSTRUCTION TYPE 2 HOURS ** 2 HOURS ** 2 HOURS ** SEE TABLE 602 0 HOURS 2 HOURS ** SMOKE PARTITION (NFPA-101, 14.3.6(2)a) 1 HOUR *** SMOKE PARTITION (NFPA-101, 72.2.5.2.3) 2 HOUR (FBC 713.4 / NFPA-101, 8.6.5(2) IUCTURAL FRAME AND BEARING WALLS ARE PERMITTED TO BE REDUCED BY _OOR OR ONE ROOF ONLY. LI MEMBERS SHALL NOT BE REQUIRED ,INCLUDING PROTECTION OF ROOF RY PART OF THE ROOF CONSTRUCTION IS 20 FEET OR MORE ABOVE ANY 'ABLE 601) 13,04, & 05)	EDUCATIONAL - (FBC 1004.5 VOCATIONAL / LABS - (FBC 10 BUSINESS - (FBC 1004.5 - 150 READING ROOM - (FBC 1004. STACKS AREA - (FBC 1004.5 - CCTV - (FBC 453.18.1.5 - 15 NS SMALL GROUP - (FBC 453.18. EXIT WIDTH REQUIRED: (1,50 EXIT WIDTH PROVIDED : (33" STAR WIDTH PROVIDED : (33" STAR WIDTH PROVIDED 2 ST BUILDING 02 (GYMNASIUM 6 GYM(FBC 453.18.12: 1 OCC LOCKER ROOMS - (FBC 453.18) EXERCISE (WRESTLING & WE BUSINESS (FBC 1004.5 - 150 0 1 ADDITIONAL TEACHER FO HEALTH CLASS(FBC 1005.4 - W) DINING - (FBC 1004.5 ASSEMBLY WI UNCONCENTRATED: 15 NS KITCHEN & SERVING - (FBC 10 GYM - 1,617 OCC 4 EXITS F EXIT WIDTH REQUIRED: (2,95	004.5 - 50 NSF) 0 GROSS) 5 - 50 NET) - 100 GROSS) SF) 1.4 - 5 NSF) 07 OCC X 0.2) = 301.4" PER DOOR X 26 DOORS) = 858" 07 X 0.3) = 452.1" TAIRS @ 5', 2 STAIR @ 11'-2" & 2 STAIR & CAFETERIA) C/SEATS + 1 OCC/15 NSF GYM COURT) 18.1.1 - 5 NSF) EIGHT ROOM) -(FBC 1004.5 - 50 GROSS GROSS) OR CLASSROOM EDUCATIONAL- 20 NSF) AREHOUSE - 500 NSF) ITHOUT FIXED SEATS SF) 1004.5 - 200 GROSS) REQUIRED, 4 EXITS PROVIDED	100 OCC 77 OCC 34 OCC 20 OCC 41 OCC 48 OCC 1,507 OCC RS @ 11'-8" - TOTAL WIDTH = 1,617 469 5) 75 16 44 4 4 670 31
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CATEGORY III EDUCATIONAL FACI DESIGNATED HURF ONSTRUCTION TYPE JILDING: IRE RESISTANCE OF BL /PE I-B CONSTRUCTION (BLDG 01) RIMARY STRUCT. FRAME: CARING WALLS - EXT: DNBEARING WALLS - INT: DNBEARING WALLS - INT: DOR CONSTRUCTION: DOF CONSTRUCTION: DOR OPENINGS / SHAFTS: FIRE RESISTANCE RATINGS OF STF HOUR WHERE SUPPORTING ONE FI FIRE PROTECTION OF STRUCTURA RAMING AND DECKING WHERE EVEF OOR IMMEDIATELY BELOW. (FBC 1 PE II-B CONSTRUCTION (BLDG 02, 0 RIMARY STRUCT. FRAME: CARING WALLS - INT: DNBEARING WALLS - INT: DNBEARING WALLS - INT: DNBEARING WALLS - INT: DOR CONSTRUCTION: DOR CONSTRUCTION: DOR CONSTRUCTION:	(NFPA 101 TABLE 7.3.1.2 - OCCUPANT LOAD FACTOR) LITIES GROUP "E" AND ASSEMBLY FACILTIES GROUP "A" ICANE OR EMERGENCY PUBLIC SHELTER (F.B.C. Chapter 6 - Types of Construction) TYPE I-B & TYPE I-B CONSTRUCTION, SPRINKLERED (FBC TABLE 504.3a, 504.4) (req'd per FBC 453.8.3.1) DG. ELEMENTS BY CONSTRUCTION TYPE 2 HOURS ** 2 HOURS ** 2 HOURS ** 2 HOURS 2 2 HOURS 1 1 HOUR (FBC 1023.1 / NFPA-101, 14.3.6(2)a) 1 HOUR (FBC 713.4 / NFPA-101, 7.2.2.5.2.3) 2 HOUR FOOF ONLY. L MEMBERS SHALL NOT BE REQUIRED, INCLUDING PROTECTION OF ROOF XY PART OF THE ROOF CONSTRUCTION IS 20 FEET OR MORE ABOVE ANY YABLE 601 13, 04, 8 05) 0 HOURS 2 HOURS 2 HOURS 2 HOURS 2 HOUR (FBC 713.4 / NFPA-101, 14.3.6(2)a) 1 HOUR (FBC 1023.1 / NFPA-101, 7.2.2.5.2.3) 2 HOUR (FBC 713.4 / NFPA-101, 7.2.2.5.2.3) 1 HOUR (FBC 713.4 / NFPA-101, 7.2.2.5.2.3) 1 HOUR (FBC 713.4 / NFPA-101, 7.2.2.5.2.3) 2 HOURS 3 HOURS	EDUCATIONAL - (FBC 1004.5 VOCATIONAL / LABS - (FBC 10 BUSINESS - (FBC 1004.5 - 150) READING ROOM - (FBC 1004.5 CCTV - (FBC 453.18.1.5 - 15 NS SMALL GROUP - (FBC 453.18. EXIT WIDTH REQUIRED: (1,50) EXIT WIDTH PROVIDED : (33" STAR WIDTH PROVIDED : (33" STAR WIDTH PROVIDED 2 ST BUILDING 02 (GYMNASIUM 6 GYM(FBC 453.18.12: 1 OCC LOCKER ROOMS - (FBC 1004.5 - 15 NS KITCHEN & SERVING - (FBC 1004.5 - 15 NS KITCHEN & SERVING - (FBC 107 AUDITORIUM - (FBC 1004.5 ASSEMBLY WIT STAGE (FBC 1004.5 - 15 NSF) BAND, ENSEMBLE, & VOCAL- (FBC 1004.5 SHOP & VOCAL- SEUSING ROOM - (FBC 1004.5 - 15 NSF) BAND, ENSEMBLE, & VOCAL- (FBC 1004.5 SHOP & VOCA	004.5 - 50 NSF) 0 GROSS) 5 - 50 NET) - 100 GROSS) SF) 1.4 - 5 NSF) 07 OCC X 0.2) = 301.4" PER DOOR X 26 DOORS) = 858" 07 X 0.3) = 452.1" TAIRS @ 5', 2 STAIR @ 11'-2" & 2 STAIR & CAFETERIA) 2/SEATS + 1 OCC/15 NSF GYM COURT) 18.1.1 - 5 NSF) EIGHT ROOM) -(FBC 1004.5 - 50 GROSS GROSS) OR CLASSROOM EDUCATIONAL - 20 NSF) AREHOUSE - 500 NSF) 1THOUT FIXED SEATS SF) 1004.5 - 200 GROSS) REQUIRED, 4 EXITS PROVIDED 56 OCC. X .2) = 591.2" PER DOOR X 40 DOORS) = 1,320" //MUSIC / CTE) TH FIXED SEATS: 1 OCC PER SEAT)) - 20 NSF) KER SPACE, & CTE LABS - TIONAL - 50 NSF) 104.5 - 50 GROSS) 18.1.1 - 20 NSF) - 20 NSF) (A SEATS - 50 GROSS) XITS REQUIRED, 4 EXITS PROVIDED	$ \begin{array}{r} 100 \text{ OCC} \\ 77 \text{ OCC} \\ 34 \text{ OCC} \\ 20 \text{ OCC} \\ 41 \text{ OCC} \\ 48 \text{ OCC} \\ 1,507 \text{ OCC} \\ \end{array} $ $ \begin{array}{r} 85 @ 11'-8" - \text{ TOTAL WIDTH} = \\ \hline 1,617 \\ 469 \\ 75 \\ 16 \\ 44 \\ 4 \\ 670 \\ 31 \\ 2,956 \\ \end{array} $ $ \begin{array}{r} 764 \text{ OCC} = 756 \text{ FIXED SE} \\ 231 \text{ OCC} \\ 265 \text{ OCC} \\ 408 \text{ OCC} \\ 408 \text{ OCC} \\ 408 \text{ OCC} \\ 408 \text{ OCC} \\ 38 \text{ OCC} \\ 20 \text{ OCC} \\ 38 \text{ OCC} \\ 20 \text{ OCC} \\ \end{array} $
KCATEGORY II EDUCATIONAL FACI DESIGNATED HURF ONSTRUCTION TYPE JILDING: IRE RESISTANCE OF BL PE I-B CONSTRUCTION (BLDG 01) RIMARY STRUCT. FRAME: ARING WALLS - EXT: DNBEARING WALLS - INT: DNBEARING WALLS - INT: DOR CONSTRUCTION: DOR CONSTRUCTION: DOR CONSTRUCTION: DOR CONSTRUCTION: DOR CONSTRUCTION: DOR CONSTRUCTION: DOR OPENINGS / SHAFTS: FIRE RESISTANCE RATINGS OF STENCTURA HOUR WHERE SUPPORTING ONE FIFIRE PROTECTION OF STRUCTURA AMING AND DECKING WHERE EVEFOOR IMMEDIATELY BELOW. (FBC 1 OOR OPENINGS / SHAFTS: FIRE PROTECTION OF STRUCTURA AMING AND DECKING WHERE EVEFOOR IMMEDIATELY BELOW. (FBC 1 PE II-B CONSTRUCTION (BLDG 02, 0) RAING WALLS - INT: DNBEARING WALLS - INT: DNBEARING WALLS - INT: DNBEARING WALLS - INT: DNBEARING WALLS - INT: DOR CONSTRUCTION: DOR CONSTRUCTION: DOR CONSTRUCTION: DOR CONSTRUCTION: DOR CONSTRUCTION: DOR CO	(NFPA 101 TABLE 7.3.1.2 - OCCUPANT LOAD FACTOR) LITIES GROUP "E" AND ASSEMBLY FACILTIES GROUP "A" ICANE OR EMERGENCY PUBLIC SHELTER (F.B.C. Chapter 6 - Types of Construction) TYPE I-B & TYPE I-B CONSTRUCTION, SPRINKLERED (FBC TABLE 504.3a, 504.4) (req'd per FBC 453.8.3.1) DG. ELEMENTS BY CONSTRUCTION TYPE 2 HOURS ** 2 HOURS ** 2 HOURS ** 2 HOURS 2 2 HOURS 1 1 HOUR (FBC 1023.1 / NFPA-101, 14.3.6(2)a) 1 HOUR (FBC 713.4 / NFPA-101, 7.2.2.5.2.3) 2 HOUR FOOF ONLY. L MEMBERS SHALL NOT BE REQUIRED, INCLUDING PROTECTION OF ROOF XY PART OF THE ROOF CONSTRUCTION IS 20 FEET OR MORE ABOVE ANY YABLE 601 13, 04, 8 05) 0 HOURS 2 HOURS 2 HOURS 2 HOURS 2 HOUR (FBC 713.4 / NFPA-101, 14.3.6(2)a) 1 HOUR (FBC 1023.1 / NFPA-101, 7.2.2.5.2.3) 2 HOUR (FBC 713.4 / NFPA-101, 7.2.2.5.2.3) 1 HOUR (FBC 713.4 / NFPA-101, 7.2.2.5.2.3) 1 HOUR (FBC 713.4 / NFPA-101, 7.2.2.5.2.3) 2 HOURS 3 HOURS	EDUCATIONAL - (FBC 1004.5 VOCATIONAL / LABS - (FBC 10 BUSINESS - (FBC 1004.5 - 150) READING ROOM - (FBC 1004.5 CCTV - (FBC 453.18.1.5 - 15 NS SMALL GROUP - (FBC 453.18.1 EXIT WIDTH REQUIRED: (1,50) EXIT WIDTH PROVIDED : (33" STAR WIDTH PROVIDED : (33" GYM - (FBC 453.18.12: 1 OCC) LOCKER ROOMS - (FBC 453.1 EXERCISE (WRESTLING & WE BUSINESS (FBC 1004.5 - 150) 1 ADDITIONAL TEACHER FC HEALTH CLASS(FBC 1004.5 - 150) 1 ADDITIONAL TEACHER FC HEALTH CLASS(FBC 1005.4 - W) DINING - (FBC 1004.5 ASSEMBLY WI UNCONCENTRATED: 15 NS KITCHEN & SERVING - (FBC 1 GYM - 1,617 OCC 4 EXITS F EXIT WIDTH REQUIRED: (2,95) EXIT WIDTH REQUIRED: (2,95) EXIT WIDTH PROVIDED: (33" BUILDING 03 (AUDITORIUM / AUDITORIUM - (FBC 1004.5 ASSEMBLY WIT STAGE (FBC 1004.5 - 15 NSF) BAND, ENSEMBLE, & VOCAL- (FBC 1004.5 SHOP & VOCAT (FBC 1004.5 SHOP & VOCAT EXERCISE (DANCE) - (FBC 1004.5 - 15) BUSINESS - (FBC 1004.5 - 15) BUSINESS - (FBC 1004.5 - 15) AUDITORIUM - 764 OCC - 3 E2) EXIT WIDTH REQUIRED: (1,81	004.5 - 50 NSF) 0 GROSS) 5 - 50 NET) - 100 GROSS) SF) 1.4 - 5 NSF) 07 OCC X 0.2) = 301.4" PER DOOR X 26 DOORS) = 858" 07 X 0.3) = 452.1" TAIRS @ 5', 2 STAIR @ 11'-2" & 2 STAIR & CAFETERIA) 2/SEATS + 1 OCC/15 NSF GYM COURT) 18.1.1 - 5 NSF) EIGHT ROOM) -(FBC 1004.5 - 50 GROSS GROSS) OR CLASSROOM EDUCATIONAL - 20 NSF) AREHOUSE - 500 NSF) 1THOUT FIXED SEATS SF) 1004.5 - 200 GROSS) REQUIRED, 4 EXITS PROVIDED 56 OCC. X .2) = 591.2" PER DOOR X 40 DOORS) = 1,320" //MUSIC / CTE) TH FIXED SEATS: 1 OCC PER SEAT)) - 20 NSF) KER SPACE, & CTE LABS - TIONAL - 50 NSF) 104.5 - 50 GROSS) 18.1.1 - 20 NSF) - 20 NSF) (A SEATS - 50 GROSS) XITS REQUIRED, 4 EXITS PROVIDED	$ \begin{array}{r} 100 \text{ OCC} \\ 77 \text{ OCC} \\ 34 \text{ OCC} \\ 20 \text{ OCC} \\ 41 \text{ OCC} \\ 48 \text{ OCC} \\ 1,507 \text{ OCC} \\ \end{array} $ $ \begin{array}{r} 85 @ 11'-8" - \text{ TOTAL WIDTH} = \\ \hline 1,617 \\ 469 \\ 75 \\ 16 \\ 44 \\ 4 \\ 670 \\ 31 \\ 2,956 \\ \end{array} $ $ \begin{array}{r} 764 \text{ OCC} = 756 \text{ FIXED SE} \\ 231 \text{ OCC} \\ 265 \text{ OCC} \\ 408 \text{ OCC} \\ 408 \text{ OCC} \\ 408 \text{ OCC} \\ 408 \text{ OCC} \\ 38 \text{ OCC} \\ 20 \text{ OCC} \\ 38 \text{ OCC} \\ 20 \text{ OCC} \\ \end{array} $
KCATEGORY III EDUCATIONAL FACI DESIGNATED HURF ONSTRUCTION TYPE JILDING: IRE RESISTANCE OF BL (PE I-B CONSTRUCTION (BLDG 01) RIMARY STRUCT. FRAME: ARING WALLS - EXT: DNBEARING WALLS - INT: DNBEARING WALLS - INT: DOR CONSTRUCTION: DOR OPENINGS / SHAFTS: FIRE RESISTANCE RATINGS OF STF HOUR WHERE SUPPORTING ONE FI FIRE PROTECTION OF STRUCTURA AMING AND DECKING WHERE EVEF OOR IMMEDIATELY BELOW. (FBC 1 TPE II-B CONSTRUCTION (BLDG 02, 0 RIMARY STRUCT. FRAME: ARING WALLS - INT: DNBEARING WALLS - INT: DNBEARING WALLS - INT: DOR CONSTRUCTION: DOR CONSTRUCTION: DOR CONSTRUCTION: DOR CONSTRUCTION: DOR CONSTRUCTION: DOR CONSTRUCTION:	(NFPA 101 TABLE 7.3.1.2 - OCCUPANT LOAD FACTOR) LITIES GROUP "E" AND ASSEMBLY FACILTIES GROUP "A" ICANE OR EMERGENCY PUBLIC SHELTER (F.B.C. Chapter 6 - Types of Construction) TYPE HB & TYPE II-B CONSTRUCTION, SPRINKLERED (FBC TABLE 504.3a, 504.4) (req'd per FBC 453.8.3.1) DG. ELEMENTS BY CONSTRUCTION TYPE 2 HOURS ** 2 HOURS	EDUCATIONAL - (FBC 1004.5 VOCATIONAL / LABS - (FBC 10 BUSINESS - (FBC 1004.5 - 150) READING ROOM - (FBC 1004.5 CCTV - (FBC 453.18.1.5 - 15 NS SMALL GROUP - (FBC 453.18.1 EXIT WIDTH REQUIRED: (1,50) EXIT WIDTH PROVIDED : (33" STAR WIDTH PROVIDED : (33" GYM - (FBC 453.18.12: 1 OCC) LOCKER ROOMS - (FBC 453.1 EXERCISE (WRESTLING & WE BUSINESS (FBC 1004.5 - 150) 1 ADDITIONAL TEACHER FC HEALTH CLASS(FBC 1004.5 - 150) 1 ADDITIONAL TEACHER FC HEALTH CLASS(FBC 1005.4 - W) DINING - (FBC 1004.5 ASSEMBLY WI UNCONCENTRATED: 15 NS KITCHEN & SERVING - (FBC 1 GYM - 1,617 OCC 4 EXITS F EXIT WIDTH REQUIRED: (2,95) EXIT WIDTH REQUIRED: (2,95) EXIT WIDTH PROVIDED: (33" BUILDING 03 (AUDITORIUM / AUDITORIUM - (FBC 1004.5 ASSEMBLY WIT STAGE (FBC 1004.5 - 15 NSF) BAND, ENSEMBLE, & VOCAL- (FBC 1004.5 SHOP & VOCAT (FBC 1004.5 SHOP & VOCAT EXERCISE (DANCE) - (FBC 1004.5 - 15) BUSINESS - (FBC 1004.5 - 15) BUSINESS - (FBC 1004.5 - 15) AUDITORIUM - 764 OCC - 3 E2) EXIT WIDTH REQUIRED: (1,81	004.5 - 50 NSF) 0 GROSS) 5 - 50 NET) - 100 GROSS) SF) 1.4 - 5 NSF) 07 OCC X 0.2) = 301.4" PER DOOR X 26 DOORS) = 858" 07 X 0.3) = 452.1" TAIRS @ 5', 2 STAIR @ 11'-2" & 2 STAIR & CAFETERIA) 2/SEATS + 1 OCC/15 NSF GYM COURT) 18.1.1 - 5 NSF) EIGHT ROOM) -(FBC 1004.5 - 50 GROSS GROSS) OR CLASSROOM EDUCATIONAL- 20 NSF) AREHOUSE - 500 NSF) 1THOUT FIXED SEATS SF) 1004.5 - 200 GROSS) REQUIRED, 4 EXITS PROVIDED 56 OCC. X .2) = 591.2" PER DOOR X 40 DOORS) = 1,320" //MUSIC / CTE) TH FIXED SEATS: 1 OCC PER SEAT)) - 20 NSF) KER SPACE, & CTE LABS - TIONAL - 50 NSF) 104.5 - 50 GROSS) 18.1.1 - 20 NSF) - 20 NSF) (XITS REQUIRED, 4 EXITS PROVIDED 19 OCC. X .2) = 363.8"	$ \begin{array}{r} 100 \text{ OCC} \\ 77 \text{ OCC} \\ 34 \text{ OCC} \\ 20 \text{ OCC} \\ 41 \text{ OCC} \\ 48 \text{ OCC} \\ 1,507 \text{ OCC} \\ \end{array} $ $ \begin{array}{r} 85 @ 11'-8" - \text{ TOTAL WIDTH} = \\ \hline 1,617 \\ 469 \\ 75 \\ 16 \\ 44 \\ 4 \\ 670 \\ 31 \\ 2,956 \\ \end{array} $ $ \begin{array}{r} 764 \text{ OCC} = 756 \text{ FIXED SE} \\ 231 \text{ OCC} \\ 265 \text{ OCC} \\ 408 \text{ OCC} \\ 408 \text{ OCC} \\ 408 \text{ OCC} \\ 408 \text{ OCC} \\ 38 \text{ OCC} \\ 20 \text{ OCC} \\ 38 \text{ OCC} \\ 20 \text{ OCC} \\ \end{array} $
KCATEGORY III EDUCATIONAL FACI IV DESIGNATED HURF CONSTRUCTION TYPE JILDING: IRE RESISTANCE OF BL (PE I-B CONSTRUCTION (BLDG 01) RIMARY STRUCT. FRAME: EARING WALLS - EXT: CONSTRUCTION: DOR CONSTRUCTION OF STRUCTURA RAMING AND DECKING WHERE EVER JOOR IMMEDIATELY BELOW. (FBC 1 (FIRE PROTECTION OF STRUCTURA RAMING AND DECKING WHERE EVER JOOR CONSTRUCTION (BLDG 02, 0 (RIMARY STRUCT. FRAME: AMING WALLS - EXT: JONBEARING WALLS - INT: DONBEARING WALLS - INT: DONBEARING WALLS - INT: DOR CONSTRUCTION: DOR CONSTRUCTION: DOR CONSTRUCTION:	(NFPA 101 TABLE 7.3.1.2 - OCCUPANT LOAD FACTOR) LITIES GROUP "E" AND ASSEMBLY FACILITIES GROUP "A" ICANE OR EMERGENCY PUBLIC SHELTER (F.B.C. Chapter 6 - Types of Construction) TYPE I-B & TYPE II-B CONSTRUCTION, SPRINKLERED (FBC TABLE 504.3a, 504.4) (req'd per FBC 453.8.3.1) DG. ELEMENTS BY CONSTRUCTION TYPE 2 HOURS "* 2 HOURS "* 2 HOURS ** SEE TABLE 602 0 HOURS 2 HOURS 2 HOURS 5* SEE TABLE 602 0 HOURS 2 HOURS (FBC 713.4 / NFPA-101, 14.3.6(2)a) 1 HOUR (FBC 713.4 / NFPA-101, 8.6.5(2) 10 CUTURAL FRAME AND BEARING WALLS ARE PERMITTED TO BE REDUCED BY COR OR ONE ROOF ONLY. 1 MEMBERS SHALL NOT BE REQUIRED INCLUDING PROTECTION OF ROOF YP PART OF THE ROOF CONSTRUCTION IS 20 FEET OR MORE ABOVE ANY TABLE 601 0 HOURS 0	EDUCATIONAL - (FBC 1004.5 VOCATIONAL / LABS - (FBC 104.5 IBUSINESS - (FBC 1004.5 - 150) READING ROOM - (FBC 1004.5 CCTV - (FBC 453.18.1.5 - 15 NS) SMALL GROUP - (FBC 453.18.1.5 EXIT WIDTH REQUIRED: (1,50) EXIT WIDTH PROVIDED : (33" STAR WIDTH PROVIDED : (33" GYM - (FBC 453.18.12: 1 OCC) LOCKER ROOMS - (FBC 453. EXERCISE (WRESTLING & WE BUSINESS (FBC 1004.5 - 150) 1 ADDITIONAL TEACHER FC HEALTH CLASS(FBC 1004.5 - 150) TOUNING - (FBC 1004.5 - 150) NING - (FBC 1004.5 ASSEMBLY WIT UNCONCENTRATED: 15 NS KITCHEN & SERVING - (FBC 1004.5 - 150) COML - (FBC 1004.5 - 150) RECEIVING - (FBC 1004.5 - 150) STAGE (FBC 1004.5 - 150) SUSING ROOM - (FBC 453). EDUCATIONAL - (FBC 1004.5 - 150) AUDITORIUM - (FBC 1004.5 - 150) RESSING ROOM - (FBC 453). EDUCATIONAL - (FBC 1004.5 - 150) AUDITORIUM - 764 OCC - 3 E2) EXIT WIDTH REQUIRED: (1,81 EXIT WIDTH REQUIRED: (1,81	004.5 - 50 NSF) 0 GROSS) 5 - 50 NET) - 100 GROSS) SF) 1.1.4 - 5 NSF) 07 OCC X 0.2) = 301.4" PER DOOR X 26 DOORS) = 858" 07 X 0.3) = 452.1" TAIRS @ 5', 2 STAIR @ 11'-2" & 2 STAIR & CAFETERIA) X/SEATS + 1 OCC/15 NSF GYM COURT) 18.1.1 - 5 NSF) EIGHT ROOM) -(FBC 1004.5 - 50 GROSS GROSS) DR CLASSROOM EDUCATIONAL- 20 NSF) AREHOUSE - 500 NSF) ITHOUT FIXED SEATS F) 1004.5 - 200 GROSS) REQUIRED, 4 EXITS PROVIDED 56 OCC. X.2) = 591.2" PER DOOR X 40 DOORS) = 1,320" (MUSIC / CTE) TH FIXED SEATS: 1 OCC PER SEAT)) - 20 NSF) KER SPACE, & CTE LABS - TIONAL - 50 NSF) 18.1.1 - 20 NSF) - 20 NSF) (MUSIC / CTE) TH FIXED SEATS: 1 OCC PER SEAT)) - 20 NSF) KER SPACE, & CTE LABS - TIONAL - 50 NSF) 1004.5 - 50 GROSS) 18.1.1 - 20 NSF) - 20 NSF) (ITS REQUIRED, 4 EXITS PROVIDED 19 OCC. X .2) = 363.8" PER DOOR X 33 DOORS) = 1,089"	$ \begin{array}{r} 100 \text{ OCC} \\ 77 \text{ OCC} \\ 34 \text{ OCC} \\ 20 \text{ OCC} \\ 41 \text{ OCC} \\ 48 \text{ OCC} \\ 1,507 \text{ OCC} \\ \end{array} $ $ \begin{array}{r} 85 @ 11'-8" - \text{ TOTAL WIDTH} = \\ \hline 1,617 \\ 469 \\ 75 \\ 16 \\ 44 \\ 4 \\ 670 \\ 31 \\ 2,956 \\ \end{array} $ $ \begin{array}{r} 764 \text{ OCC} = 756 \text{ FIXED SE} \\ 231 \text{ OCC} \\ 265 \text{ OCC} \\ 408 \text{ OCC} \\ 408 \text{ OCC} \\ 408 \text{ OCC} \\ 408 \text{ OCC} \\ 38 \text{ OCC} \\ 20 \text{ OCC} \\ 38 \text{ OCC} \\ 20 \text{ OCC} \\ \end{array} $
KCATEGORY III EDUCATIONAL FACI IV DESIGNATED HURF ONSTRUCTION TYPE JILDING: IRE RESISTANCE OF BL (PE I-B CONSTRUCTION (BLDG 01) RIMARY STRUCT. FRAME: EARING WALLS - EXT: CONSEARING WALLS - INT: DNBEARING WALLS - INT: DONBEARING WALLS - INT: DONE CONSTRUCTION: DOR CONSTRUCTION (BLDG 02, 0 RIMING AND DECKING WHERE EVEF JOOR OPENINGS / SHAFTS: FIRE PROTECTION OF STRUCTURA RAMING AND DECKING WHERE EVEF JOOR IMMEDIATELY BELOW. (FBC 1 YPE II-B CONSTRUCTION (BLDG 02, 0 RIMARY STRUCT. FRAME: EARING WALLS - EXT: DONBEARING WALLS - INT: DONE CONSTRUCTION: DOF CONSTRUCTION: DOF CONSTRUCTION: DOF CONSTRUCTION:	(NFPA 101 TABLE 7.3.1.2 - OCCUPANT LOAD FACTOR) LITIES GROUP "E" AND ASSEMBLY FACILITIES GROUP "A" ICANE OR EMERGENCY PUBLIC SHELTER (F.B.C. Chapter 6 - Types of Construction) TYPE I-B & TYPE I-B CONSTRUCTION, SPRINKLERED (FBC TABLE 504.3a, 504.4) (reqd per FBC 453.8.3.1) DG, ELEMENTS BY CONSTRUCTION TYPE 2 HOURS ** 2 HOUR FBC 713.4 / NFPA-101, 7.2.2.5.2.3) 2 HOUR FBC 70.3.4 / NFPA-101, 8.6.5(2) UCTURAL FRAME AND BEARING WALLS ARE PERMITTED TO BE REDUCED BY 0 OR OR ONE FOOP ONLY. L MEMBERS SHALL NOT BE REQUIRED INCLUDING PROTECTION OF ROOF YP ART OF THE ROOF CONSTRUCTION IS 20 FEET OR MORE ABOVE ANY ABLE 601 0 HOURS 0	EDUCATIONAL - (FBC 1004.5 VOCATIONAL / LABS - (FBC 10 BUSINESS - (FBC 1004.5 - 150 READING ROOM - (FBC 1004.5 CCTV - (FBC 453.18.1.5 - 15 NS SMALL GROUP - (FBC 453.18. EXIT WIDTH REQUIRED: (1,50 EXIT WIDTH PROVIDED : (33" STAR WIDTH PROVIDED 1 : (33" STAR WIDTH PROVIDED 2 ST BUILDING 02 (GYMNASIUM 6 GYM - (FBC 453.18.12: 1 OCC LOCKER ROOMS - (FBC 1004.5 - 150 MUSINESS (FBC 1004.5 - 150 ADDITIONAL TEACHER FC HEALTH CLASS(FBC 1004.5 - 150 RECEIVING - (FBC 1004.5 - 150 NS KITCHEN & SERVING - (FBC 100 UNCONCENTRATED: 15 NS KITCHEN & SERVING - (FBC 100 UNCONCENTRATED: 15 NSF BAND, ENSEMBLE, & VOCAL- (FBC 1004.5 ASSEMBLY WII UNCONCENTRATED: (2,95 EXIT WIDTH REQUIRED: (2,95 EXIT WIDTH REQUIRED: (2,95 EXIT WIDTH REQUIRED: (2,95 EXIT WIDTH REQUIRED: (2,95 EXIT WIDTH PROVIDED: (33" 1 AUDITORIUM - (FBC 1004.5 ASSEMBLY WII STAGE (FBC 1004.5 - 15 NSF) BAND, ENSEMBLE, & VOCAL- (FBC 1004.5 SHOP & VOCAT EXERCISE (DANCE) - (FBC 10 DRESSING ROOM - (FBC 1004.5 - 15) BUSINESS - (FBC 1004.5 - 15) AUDITORIUM - 764 OCC - 3 E2) EXIT WIDTH PROVIDED: (33" 1 AUDITORIUM - 764 OCC - 3 E2) EXIT WIDTH PROVIDED: (33" 1 AUDITORIUM - 764 OCC - 3 E2) EXIT WIDTH PROVIDED: (33" 1 AUDITORIUM - 764 OCC - 3 E2) EXIT WIDTH PROVIDED: (33" 1 AUDITORIUM - 764 OCC - 3 E2) EXIT WIDTH PROVIDED: (33" 1 AUDITORIUM - 764 OCC - 3 E2) EXIT WIDTH PROVIDED: (33" 1 AUDITORIUM - 764 OCC - 3 E2) EXIT WIDTH PROVIDED: (33" 1 AUDITORIUM - 764 OCC - 3 E2) EXIT WIDTH PROVIDED: (33" 1 AUDITORIUM - 764 OCC - 3 E2) EXIT WIDTH PROVIDED: (33" 1 AUDITORIUM - 764 OCC - 3 E2) EXIT WIDTH PROVID	004.5 - 50 NSF) 0 GROSS) 5 - 50 NET) - 100 GROSS) SF) 1.1.4 - 5 NSF) 07 OCC X 0.2) = 301.4" PER DOOR X 26 DOORS) = 858" 07 X 0.3) = 452.1" TAIRS @ 5', 2 STAIR @ 11'-2" & 2 STAIR & CAFETERIA) C/SEATS + 1 OCC/15 NSF GYM COURT) 18.1.1 - 5 NSF) EIGHT ROOM) -(FBC 1004.5 - 50 GROSS GROSS) OR CLASSROOM EDUCATIONAL- 20 NSF) AREHOUSE - 500 NSF) ITHOUT FIXED SEATS (F) 1004.5 - 200 GROSS) REQUIRED, 4 EXITS PROVIDED 56 OCC. X.2) = 591.2" PER DOOR X 40 DOORS) = 1,320" (MUSIC / CTE) TH FIXED SEATS: 1 OCC PER SEAT)) - 20 NSF) KER SPACE, & CTE LABS - TIONAL - 50 RSF) 18.1.1 - 20 NSF) - 20 NSF) (MUSIC / CTE) TH FIXED SEATS: 1 OCC PER SEAT)) - 20 NSF) (MUSIC / CTE) TH FIXED SEATS: 1 OCC PER SEAT)) - 20 NSF) (MUSIC / CTE) TH FIXED SEATS: 1 OCC PER SEAT)) - 20 NSF) (MUSIC / CTE) TH FIXED SEATS: 1 OCC PER SEAT)) - 20 NSF) (MUSIC / CTE) TH FIXED SEATS: 1 OCC PER SEAT)) - 20 NSF) (MUSIC / CTE) TH FIXED SEATS: 1 OCC PER SEAT)) - 20 NSF) (MUSIC / CTE) TH FIXED SEATS: 1 OCC PER SEAT)) - 20 NSF) (MUSIC / CTE) TH FIXED SEATS: 1 OCC PER SEAT)) - 20 NSF) (MUSIC / CTE) TH FIXED SEATS: 1 OCC PER SEAT) (MUSIC / CTE) (MUSIC / CTE)	100 OCC 77 OCC 34 OCC 20 OCC 41 OCC 48 OCC 1,507 OCC RS @ 11'-8" - TOTAL WIDTH = 1,617 469 75 16 44 4 670 31 2,956 764 OCC = 756 FIXED SE 231 OCC 265 OCC 408 OCC 408 OCC 408 OCC 1,819 OCC 1,819 OCC
KCATEGORY III EDUCATIONAL FACI IV DESIGNATED HURF CONSTRUCTION TYPE UILDING: IRE RESISTANCE OF BL YPE I-B CONSTRUCTION (BLDG 01) RIMARY STRUCT. FRAME: EARING WALLS - EXT: ONBEARING WALLS - INT: IOOR CONSTRUCTION: OOF CONSTRUCTION: OOF CONSTRUCTION: OOF CONSTRUCTION: IOOR OPENINGS / SHAFTS: FIRE RESISTANCE RATINGS OF STF HOUR WHERE SUPPORTING ONE FI * FIRE PROTECTION OF STRUCTURA RAMING AND DECKING WHERE EVEF LOOR IMMEDIATELY BELOW. (FBC 1 YPE II-B CONSTRUCTION (BLDG 02, 0 RIMARY STRUCT. FRAME: EARING WALLS - EXT: ONBEARING WALLS - EXT: ONBEARING WALLS - INT: IOOR CONSTRUCTION: ONBEARING WALLS - INT: IOOR CONSTRUCTION: OOF CONSTRUCTION: IDOR CONSTRUCTION: IDOR CONSTRUCTION: ONBEARING WALLS - INT: IDOR CONSTRUCTION: ONDEARING WALLS - INT: IDOR CONSTRUCTION: ONDEARING WALLS - INT:	(NFPA 101 TABLE 7.3.1.2 - OCCUPANT LOAD FACTOR) LITIES GROUP "E" AND ASSEMBLY FACILITIES GROUP "A" ICANE OR EMERGENCY PUBLIC SHELTER (F.B.C. Chapter 6 - Types of Construction) TYPE I-B & TYPE I-B CONSTRUCTION, SPRINKLERED (FBC TABLE 504.3a, 504.4) (req'd per FBC 453.8.3.1) DG. ELEMENTS BY CONSTRUCTION TYPE 2 HOURS " 2 HOURS " 2 HOURS " 2 HOURS 2 2 HOU	EDUCATIONAL - (FBC 1004.5 VOCATIONAL / LABS - (FBC 10 BUSINESS - (FBC 1004.5 - 150 READING ROOM - (FBC 1004.5 CCTV - (FBC 453.18.1.5 - 15 NS SMALL GROUP - (FBC 453.18. EXIT WIDTH REQUIRED: (1,50 EXIT WIDTH PROVIDED : (33" STAR WIDTH PROVIDED : (33" STAR WIDTH PROVIDED 2 ST BUILDING 02 (GYMNASIUM 6 GYM - (FBC 453.18.12: 1 OCC LOCKER ROOMS - (FBC 453. EXERCISE (WRESTLING & WE BUSINESS (FBC 1004.5 - 150 0 1 ADDITIONAL TEACHER FC HEALTH CLASS(FBC 1004.5 - 150 0 1 ADDITIONAL TEACHER FC HEALTH CLASS(FBC 1004.5 - 150 NS KITCHEN & SERVING - (FBC 1 004.5 ASSEMBLY WI UNCONCENTRATED: 15 NS KITCHEN & SERVING - (FBC 1 0 MUDITORIUM - (FBC 1004.5 ASSEMBLY WI UNCONCENTRATED: 2,95 EXIT WIDTH PROVIDED: (33" 1 BUILDING 03 (AUDITORIUM / AUDITORIUM - (FBC 1004.5 SASSEMBLY WI STAGE (FBC 1004.5 - 15 NSF BAND, ENSEMBLE, & VOCAL- (FBC 1004.5 SHOP & VOCAT EXERCISE (DANCE) - (FBC 10 DRESSING ROOM - (FBC 10 MEZZANINE - BUSINESS (SPOT CONTROL) MEZZANINE - BUSINESS (SPOT CONTROL)	004.5 - 50 NSF) 0 GROSS) 5 - 50 NET) - 100 GROSS) SF) 1.4 - 5 NSF) 07 OCC X 0.2) = 301.4" PER DOOR X 26 DOORS) = 858" 07 X 0.3) = 452.1" TAIRS @ 5', 2 STAIR @ 11'-2" & 2 STAIR & CAFETERIA) C/SEATS + 1 OCC/15 NSF GYM COURT) 18.1.1 - 5 NSF) EIGHT ROOM) -(FBC 1004.5 - 50 GROSS GROSS) OR CLASSROOM EDUCATIONAL- 20 NSF) AREHOUSE - 500 NSF) ITHOUT FIXED SEATS (F) 1004.5 - 200 GROSS) REQUIRED, 4 EXITS PROVIDED 56 OCC. X.2) = 591.2" PER DOOR X 40 DOORS) = 1,320" (MUSIC / CTE) TH FIXED SEATS: 1 OCC PER SEAT)) 	100 OCC 77 OCC 34 OCC 20 OCC 41 OCC 48 OCC 1,507 OCC RS @ 11'-8" - TOTAL WIDTH = 1,617 469 75 16 44 4 670 31 2,956 764 OCC = 756 FIXED SE 231 OCC 265 OCC 408 OCC 408 OCC 408 OCC 1,819 OCC 1,819 OCC

NFPA 101 TABLE 7.3.1.2 - <u>SF PE</u> <u>FBC</u>	XIMUM FLOOR AREA ALLOWANCES PER OCCUPA OCCUPANT LOAD FACTOR) <u>R PERSON</u> 2 <u>NFPA</u>	MAX AREA OF EXTERIO	R WALL OPENING BASE		GENERAL NOTES - LIFE S FOLLOWING ARE SOME OF THE MIN. C COMPLY WITH DURING CONSTRUCTION AND COMPHRENENSIVE APPLICABLE	CODE REFERENCES THA	T CONTRACTOR (S) SHAL	<u>L</u> STUDENT STATIO	ONS PER BUILDIN			
ING) SE S AND CHAIRS 15 NS	AT COUNT SF 15 NSF AT COUNT	0 TO LESS THAN 3': 3' TO LESS THAN 5':	NOT PERMITTED 15%		THE CONTRACTOR TO MEET ALL APP IDENTIFIED BY THE AHJ FOR THIS PRO	LICABLE CODE REQUIRM		BUILDING 01: BUILDING 02: BUILDING 03:	95			SUITE 300 ORLANDO, FL 32801 voice 407-872-3322
7 NS 150GS	SF 7 NSF SF 150 GSF	5' TO LESS THAN 10': 10' TO LESS THAN 15':	25% 45%		1. CONSTRUCTION TOLERANCES ARE PROVISIONS. WHEN RANGES ARE SP			TOTAL STUDENT 95% UTILIZATION	STATIONS: 1,975			fax 407-872-3303 schenkelshultz.com SS Lic. NoAA-C000937
20 N	SF 20 NSF	15' TO LESS THAN 20': 20' TO LESS THAN 25':	75% NO LIMIT		FALLS OUTSIDE OF THE MAXIMUM / M ITEM WILL BE REQUIRED. IF A SPECIF	INIMUM REQUIREMENTS	REINSTALLATION OF TH		CALCULAT	ONS		SEE www.schenkelshultz.c
EXTERIOR WAL		25' TO LESS THAN 30': 30' OR GREATER:	NO LIMIT NO LIMIT		DIMENSION THEN A CONSTRUCTION T ITEM IS INSTALLED OUTSIDE OF THE (BE REQUIRED.				ADEMIC / ADMINIS	TRATION / MEDIA	A CENTER)	
	FBC TABLE 602	SHAFT ENCLOSURES			2. STANDPIPES ARE REQUIRED TO B			В			1,876 STUDENT STATIONS	
RS TYPE IIB	1 HOURS		S. IN OTHER THAN GROUPS I-2 AND	I-3, A FLOOR OPNEING THAT IS NOT USED	IS COMPLETED. REFERENCE: NFPA 1 ACCESSIBLE AND CONSPICUOUS FIRI CONNECTION ON EACH FLOOR.	· · · ·		FBC - PLU	5 1,480 STUDENT S MBING - EDUCATI & 740 FEMALE		ATION	
RS RS	1 HOURS 0 HOURS	AS ONE OF THE APPLICATIONS LIST ITEM BELOW: 1. DOES NOT CONNECT MORE THAN		MITTED IF IT COMPLIES WITH ALL OF THE	3. DURING CONSTRUCTION, UNTIL T), MALE WC REQUI	RED = 15		ALE WC PROVIDED = 19	
RS	0 HOURS	 2. IS NOT PART OF THE REQUIRED M 3. DOES NOT PENETRATE A HORIZO 	MEANS OF EGRESS. ONTAL ASSEMBLY THAT SEPARATES	FIRE AREAS OR SMOKE BARRIERS THAT	AT LEAST ONE TEMPORAY STAIRWAY IS BEING PERFORMED, AND SUCH STA INCLUDING LANDINGS. THIS IS TO FAC	AIR SHALL BE A MINIMUN	I OF 48" IN WIDTH,	RK FEMALE WC REQ MALE LAVS REQU FEMALE LAVS RE	JIRED = 15	MA	EMALE WC PROVIDED = 19 ALE LAVS PROVIDED = 19 EMALE LAVS PROVIDED = 19	
Y CONSTRUCTIO	N TYPE	SEPARATE SMOKE COMPARTMENTS 4. IS NOT CONCEALED WITHIN THE C 5. IS NOT OPEN TO CORRIDOR IN GI	CONSTRUCTION OF A WALL OR A FLO	OOR/CEILING ASSEMBLY.	RESPONDERS. TEMPORARY STAIRWA THE GURDRAILS AND FALL PROTECTI	ON AND MEET THE MINI	MUM OSHA REQUIREMEN	OR DRINKING FOUNT	AINS REQUIRED	= 15 20 10) DRINKING FOUNTAINS PROVIDED) SERVICE SINKS PROVIDED	
E BUILDING AREA & HEIG	HTS ACTUAL BUILDING AREA & HEIGHTS	6. IS NOT OPEN TO A CORRIDOR ON 7. IS SEPARATED FROM FLOOR OPE	NON SPRINKLERED FLOORS IN ANY ENINGS AND AIR TRANSFER OPENING		REFER TO NFPA 1 - (2018) SECTION 1 LADDERS ARE NOT ACCEPTED AS TH		STAIRS REQUIREMENTS.				TOILET ROOMS PROVIDED FOR ESE TOILET ROOMS PROVIDED FOR CLINIC	
180'-0")	2 STORY (40'-8") 60,594 SF - 1ST FLOOR	CONSTRUCTION CONFORMING TO F NFPA 101-8.6.9.1 & 38.3.1(3&4) - WHE OPENINGS NOT CONCEALED WITHIN	ERE PERMITED BY CHAPTERS 11 THR		4. REFER TO NFPA 1 (2018) SECTION FIGHTING EQUIPMENT DURING CONS		NTS OF FIRST AID AND F			N 1 TEACHER PEF	R CLASSROOM AND AN ADDITONAL	
	59,078 SF - 2ND FLOOR 119,623 SF TOTAL SPRINKLERED THROUGHOUT		RATED FROM UNPROTECTED VERTION	TORIES (ONE FLOOR PIERCED ONLY). CAL OPENINGS SERVING OTHER FLOORS	5. THE LANDINGS ON EACH SIDE OF HALF INCH FOR THE LENGTH OF THE			- FBC - PLU	MBING - BUSINES 83 FEMALE	S CLASSIFICATION	Ν	
	1 STORY (35'-0")	3. SUCH OPENINGS SHALL BE SEPAI	RATED FROM CORRIDORS.	CH OPENINGS SHALL BE SEPARATED FROM	7.2.1.3.26. THE STAIR DIMENSIONS ARE HIGH		IFORCEMENT OF STAIR	MALE WC REQUI	-		ALE WC PROVIDED = 8	
75'-0") REASE: 77,212 SF	61,618 SF 1,836 SF - MECH. MEZZ. 63.454 SF TOTAL	,	NVENIENCE OPENING SHALL BE SEP	ARATED FROM THE CORRIDOR 11 THROUGH 43 REQUIRES THE CORRIDOR	DIMENSIONS IS ENFORCED IN ACCOR PREVENTION CODE & FLORIDA BUILD	DANCE WITH THE REQUING CODE. FOR DIMENS	IREMENTS FLORIDA FIRE ONAL UNIFORMITY THE	MALE LAVS REQU FEMALE LAVS RE	JIRED = 3	MA	EMALE WC PROVIDED = 8 ALE LAVS PROVIDED = 8 EMALE LAVS PROVIDED = 8	MARK DES
,		TO HAVE A FIRE RESISTANCE RATIN	,		VARIATION IN ADJACENT RISER AND T 101 (2018) 7.2.2.3.6.	READ DIMENSIONS CAN	INOT EXCEED 3/16". NFPA	\ 			PROVIDED FOR PRINCIPAL UNISEX TOILETS PROVIDED	
75'-0")	1 STORY (48'-6") 61,355 SF - MAIN FLOOR 3,105 SF - MEZZANINE	ACCORDANCE WITH SECTION 9.7 SH	HALL BE PERMITTED TO HAVE UNPRO	SED AUTOMATIC SPRINKLER SYSTEM IN OTECTED VERTICAL OPENINGS BETWEEN EPARATED FROM UNPROTECTED VERTICAL				BUILDING 02 (GY PLUMBING IS BAS	ED ON 1,617 OCC	JPANTS IN THE G	GYM, CAFETERIA	
REASE: 77,212 SF	64,287 SF TOTAL SPRINKLERED THROUGHOUT	OPENINGS SERVING OTHER FLOOR (4) ASSEMBLY OCCUPANCIES PROT	RS BY A BARRIER COMPLYING WITH 8 FECTED BY AN APPROVED, SUPERVIS	8.6.5. SED AUTOMATIC SPRINKLER SYSTEM IN					ESTROOMS. //BING - ASSEMBL & 809 FEMALE	Y CLASSIFICATIO	N - GYMNASIUM	
75'-0")	1 STORY (19'-4") 3,328 SF	ACCORDANCE WITH SECTION 9.7 SF WITH 8.6.9.2.	ALL BE PERMITTED TO HAVE CONV	ENIENCE STAIR OPENINGS IN ACCORDANCE				MALE WC REQUIR	RED = 6		WC PROVIDED = 9	CONFIDENTIAL COPYRIGHT 202
	SPRINKLERED THROUGHOUT 1 STORY (16'-0")							FEMALE WC REQU MALE LAVS REQU FEMALE LAVS REQ	IRED = 4	MALE	LE WC PROVIDED = 14 LAVS PROVIDED = 6 LE LAVS PROVIDED = 7	SEE <u>WWW.SCHENKELSHULTZ.C</u> INFORMATION PURSUANT TO SECTION 102 OF THE COPYRIG ARRANGEMENTS, DRAWINGS, AND PLANS IND
75'-0")	1,003 SF NON - SPRINKLERED	SHAFT ENCLOSURES LESS THAN 4 STORIES: 1 HOUR		FBC 713.4	INTERIOR FINISHES			DRINKING FOUNT 1 SERVICE SINK R	AINS REQUIRED =	3 SER	KING FOUNTAINS PROVIDED = 8 VICE SINKS PROVIDED	ARRANGEMENTS, DRAWINGS, AND PLANS INC BY SCHENKEL & SHULTZ INC. AS SUCH ALL CC INDICATED OR REPRESENTED BY THIS DOCUI AND WERE CREATED, EVOLVED AND DEVELO. ARRANGEMENTS, OR PLANS SHALL BE USED
CALCULATIONS		4 STORIES OR MORE: 2 HOURS BUT NOT LESS THAN THE THE FLOO	OR ASSEMBLY PENETRATED, BUT NE	ED NOT EXCEED 2 HOURS.	PER FBC SECTION 803.1 INTERIOR W CLASSIFIED FOR FIRE PERFORMANC WITH SECTION 803.1 OR 803.			BUILDING 03 (AU	IDITORIUM / MUSI		ILY TOILET COUNTED AS FEMALE	ENGINEERING FIRM, CONSTRUCTION FIRM, SI PURPOSE WHATSOEVER WITHOUT THE WRIT SECTION 102 OF THE COPYRIGHT ACT, 17 U.S WORK MADE FOR HIRE ON OR AFTER DECEMI OF THE WORK OR FOR 120 YEARS FROM THE
/ MEDIA CENTER)					FLAME SPREAD RATINGS AND SMOK AND FBC 803.1.1 ARE OUTLINED BEL		IFPA 101 SECTION 10.2.3.4	BUILDING 03 HAS	395 STUDENT ST MBING - EDUCATI		ATION	IS LESS. WARNING: REPRODUCTION HEREOF IS A CRII U.S.C.; 18 U.S.C. SEC. 506. UNAUTHORIZED DI VIOI ATION OF LC 24-2311 FT SEO AND OTH
	102 OCC	FIRE WINDOW ASSEMBL TYPE OF WALL ASSEMBLY	REQ. WALL ASSEMBLY	ATINGS FBC TABLE 716.6 MIN. FIRE WINDOW	CLASSIFICATION FLAME SPRE/ Class A 0 – 2		DEVELOPMENT INDEX 0 - 450		& 198 FEMALE			DRAWINGS, AND PLANS DISCLOSED ARE COP PENDING PATENT APPLICATION. ANYONE VIO PROSECUTED TO THE FULL EXTENT OF THE F WRITTEN DIMENSIONS ON THESE DOCUMENT
	982 OCC 84 OCC		RATING (HRS)	ASSEMBLY RATING (HRS)	Class B 26 - 7 Class C 76 - 2		0 - 450 0 - 450	MALE WC REQUI FEMALE WC REQ MALE LAVS REQU	UIRED = 4	FE	ALE WC PROVIDED = 5 EMALE WC PROVIDED = 5 ALE LAVS PROVIDED = 4	CONTRACTORS SHALL VERIFY AND BE RESPO THIS OFFICE MUST BE NOTIFIED OF ANY VARI DRAWINGS. SHOP DRAWINGS AND OR DETAIL PROCEEDING WITH FABRICATION.
2 C"	1,168 OCC	INTERIOR WALLS: FIRE WALLS	ALL	NP *	FFPC (NFPA 101) SECTION 12.3.3 ANI CLASSIFICATIONS REQUIRED FOR S	PECIFIC ELEMENTS OF A	ASSEMBLY AND	FEMALE LAVS RE DRINKING FOUNT 1 SERVICE SINK F	AINS REQUIRED	= 4 4 [EMALE LAVS PROVIDED = 4 DRINKING FOUNTAINS PROVIDED SERVICE SINKS PROVIDED	
5.6 DOORS) = 891"		FIRE BARRIERS	>1	NP ^A NP ^A	EDUCATIONAL OCCUPANCIES. IN GE OR CLASS B INTERIOR FINISHES. HO SPRINKLERED BUILDING, CLASS C IN	WEVER, SECTION 10.2.8	ALLOWS THAT IN A FULL	Y	XEQUIRED	2 A	ADDITIONAL RESTROMS PROVIDED I DRESSING ROOMS	
	1,187 OCC 100 OCC	INCIDENTAL USE AREAS (707.3.7, MIXED OCCUPANCY SEPARATION		3/4	BE USED IN ANY LOCATION WHERE CLASS B IS REQU						R CLASSROOM= 15 STAFF	
	77 OCC 34 OCC	(707.3.9) FIRE PARTITIONS	1	3/4	FINISH MATERIALS MAY BE USED IN ANY LOCATION WHERE CLA APPLY TO SPECIFIC	SS A IS REQUIRED. THIS	EXCEPTION DOES NOT		MBING - BUSINES			
	20 OCC 41 OCC 48 OCC		0.5	1/3 1 1/2	MATERIALS DISCUSSED IN SECTION CELLULAR/FOAMED PLASTIC	,		MALE WC REQUI			ALE WC PROVIDED = 1 EMALE WC PROVIDED = 1	
	1,507 OCC	EXTERIOR WALLS	0.5	3/4 1/3	WALLS/CEILINGS, ETC.). THE INTERIC FBC AND NFPA ARE SUMMARIZED IN REQUIREMENT IS INDICATED):				JIRED = 1		ALE LAVS PROVIDED = 1 EMALE LAVS PROVIDED = 1	
301.4" 5 DOORS) = 858"		PARTY WALL NP = NOT PERMITTED. A. NOT PERMITTED EXCEPT FIRE-RESISTANCE-RATED GLAZING ASSEI	EMBLIES TESTED TO ASTM E 119 OR UL 263. AS SPECIFIED IN SECTION	NP	,			AUDITORIUM:				
, AIR @ 11'-2" & 2 STAIRS @	D 11'-8" - TOTAL WIDTH = 668"				MINIMUM INTERIOR FINISH REQUIRE		IAL OCCUPANCIES	FBC - PLU	MBING BASED OF MBING - ASSEMBL & 400 FEMALE		F 800 OCCUPANTS DN - THEATERS	
			NS OF THE MEANS OF EGRESS SYS [™]	TEM SHALL BE SIZED IN ACCORDANCE WITH	EXITS EXIT ACCESS CORRIDORS		Class A Class C	MALE WC REQUI			ALE WC PROVIDED = 7	
/15 NSF GYM COURT)	1,617 OCC 469 OCC		PACITY, IN INCHES (mm), OF MEANS O	OF EGRESS STAIRWAYS SHALL BE I STAIRWAY BY A MEANS OF EGRESS	OTHER THAN EXITS	EDING 60 IN.	Class C Class A of Class B Class C	FEMALE WC REQ MALE LAVS REQU FEMALE LAVS RE	JIRED = 4	MA	MALE WC PROVIDED = 9 ALE LAVS PROVIDED = 4 MALE LAVS PROVIDED = 7	
-BC 1004.5 - 50 GROSS)	75 OCC 16 OCC	CAPACITY FACTOR OF 0.3 INCH (7.6 THE OCCUPANT LOAD OF EACH STO	mm) PER OCCUPANT. WHERE STAIR ORY CONSIDERED INDIVIDUALLY SHA	ALL BE USED IN CALCULATINMG THE	AND USED IN LOCATIONS OTHER TH INTERIOR FLOOR FINISH	AN EXITS	Class II	2 DRINKING FOUN 1 SERVICE SINK F		1 S	DRINKING FOUNTAINS PROVIDED SERVICE SINKS PROVIDED FAMILY TOILET	
20 NSF)) NSF)	44 OCC 4 OCC		PONENTS. THE CAPACITY, IN INCHES	(mm), OF MEANS OF EGRESS COMPONENTS E OCCUPANT LOAD SERVED BY SUCH	MINIMUM INTERIOR FINISH REQUIRE	MENTS FOR ASSEMBLY	OCCUPANCIES					ST. LUCIE H
EATS	670 OCC		ESS CAPACITY FACTOR OF 0.2 INCH ((5.1 mm) PER OCCUPANT.	BUILDING ELEMENT	INTERIO	OR FINISH REQUIREMENT					
SS)	31 OCC 2,956 OCC	GENERAL MEANS OF EC	GRESS '-6" (PER FBC 1003.2 & NFPA 7.1.5.1)		EXITS EXIT ACCESS CORRIDORS		Class A Class A OR CLASS B					
TS PROVIDED	2,930 000				OTHER THAN EXITS INTERIOR FLOOR FINISH		Class B Class II					Port St. Lucie, FL
91.2" DOORS) = 1,320"		AREAS OF REFUGE			OPENING FIRE PROTEC	TION ASSEMBLI	ES, AND RATING	FBC TABLE 716.5				
		AREAS OF REFUGE FBC 1009.6 & N			REQ' WALL	MIN. FIRE DOOR & FIRE SHUTTER	DOOR VISION	FIRE-RATED GLAZING MARKING	MIN. SIDELIGI ASSEMBLY F	ATING (HRS)	FIRE-RATED GLAZING MARKING SIDELIGHT/TRANSOM PANEL	St. Lu
: 1 OCC PER SEAT)	764 OCC = 756 FIXED SEATS AND 8 ADA	ACCORDANCE WITH 7.5.4; CONSIST	TING OF A STORY IN A BUILDING THA	D ACCESSIBLE MEANS OF EGRESS IN AT IS PROTECTED THROUGHOUT BY AN DANCE WITH SECTION 9.7; AND HAVING AN	TYPE OF ASSEMBLY ASSEMBLY RATING, HR:	ASSEMBLY S RATING, HRS	PANEL SIZE	DOOR VISION PANEL ^d	FIRE PROTECTION	FIRE RESISTANCE	FIRE FIRE PROTECTION RESISTANCE	PUBLIC SC
	231 OCC 265 OCC	ACCESSIBLE STORY THAT IS ONE (THE FOLLOWING CRITERIA:	OR MORE STORIES ABOVE OR BELO	W A STORY OF EXIT DISCHARGE SHALL MEET	FIRE PARTITIONS: 1 CORRIOR WALLS	3/4	MAXIMUM SIZE TESTED	D-20	3.	4	D-H-OH-45	TODEIC SC
TE LABS -)	408 OCC	COMMUNICATION BETWEEN TH		WAY COMMUNICATION SYSTEM FOR E COMMAND CENTER OR A CENTRAL ON.			ILSTED					St. Lucie Public Schools
5)	44 OCC 49 OCC 38 OCC	(2) DIRECTIONS FOR THE USE ASSISTANCE VIA THE TWO	E OF THE TWO-WAY COMMUNICATIO	N SYSTEM, INSTRUCTIONS FOR SUMMONING ND WRITTEN IDENTIFICATION OF THE	FIRE BARRIERS, 1 HR RATING: ENCLOSURES FOR SHAFTS, EXIT							9461 Brandywine Ln Port St. Lucie, FL 34986
	20 OCC		CATION SYSTEM SHALL INCLUDE BO		ACCESS STAIRWAYS, EXITE ACCESS 1	1	100 SQ IN $^{\circ}$	≤100 sq. in. = D- H-60	NOT PERMITTED	1	NOT PERMITTED W-60	ISSUE DATE: 12/16/2022 COMM. NO.: 2022107
4 EXITS PROVIDED	1,819 OCC				RAMPS, INTERIOR EXIT STAIRWAYS, INTERIOR EXIT			>100 sq. in.= D-H-T-W-60				DRAWN BY: RC,SM,AC
63.8" DOORS) = 1,089"					RAMPS, & EXIT PASSAGEWAY WALLS							CODE SUMM
					a.Two doors, each with a fire protection ra	ing of 11/2 hours, installed c	n opposite sides of the same	opening in a fire wall, shall be	e deemed equivalent	in fire protection ratir	ng to	CALCULATIC
	2 OCC				one 3-hour fire door. b.Fire-resistance-rated glazing tested to A	STM E119 in accordance wit	h Section 716.2 shall be perm	itted, in the maximum size te	sted.			
150 GROSS)					<u> </u>							
150 GROSS) DOOR) = 33"					c.Except where the building is equipped the	roughout with an automatic s	sprinkler and the fire-rated gla	zing meets the criteria establi	shed in Section 716.	5.5.		
,					c.Except where the building is equipped th d.Under the column heading "Fire-rated gl e.See Section 716.5.8.1.2.1.	-		-		5.5.		G

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	SCHENKELSHULTZ.COM/COPYRIGHT FOR POLICY AND INFORMATION
ONS	
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3 = 8 D = 8 CIPAL VIDED	REVISIONS MARK DESCRIPTION DATE 1 ADDENDUM 03 03/01/2023
I VIDED = 8 D AS FEMALE	CONFIDENTIAL COPYRIGHT 2020 SCHENKEL & SHULTZ INC. SEE <u>WWW.SCHENKELSHULTZ.COM/COPYRIGHT</u> FOR POLICY AND INFORMATION PURSUANT TO SECTION 102 OF THE COPYRIGHT ACT, 17 U.S.C., ALL CONCEPTS, IDEAS, DESIGNS, ARRANGEMENTS, DRAWINGS, AND PLANS INDICATED OR REPRESENTED BY THIS DOCUMENT ARE COPYRIGHTED BY SCHENKEL & SHULTZ INC. AS SUCH ALL CONCEPTS, IDEAS, DESIGNS, ARRANGEMENTS, DRAWINGS, AND PLANS INDICATED OR REPRESENTED BY THIS DOCUMENT ARE OWNED BY AND THE PROPERTY OF SCHENKELSHULTZ AND WERE CREATED, EVOLVED AND DEVELOPED FOR ITS OWN USE. NONE OF THE IDEAS, DESIGNS, ARRANGEMENTS, OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, ARCHITECTURAL OR ENGINEERING FIRM, CONSTRUCTION FIRM, SUBCONTRACTING FIRM, SUPPLIER, OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF SCHENKEL & SHULTZ INC. PURSUANT TO SECTION 102 OF THE COPYRIGHT ACT, 17 U.S.C., PROTECTION FOR AN ARCHITECTURAL WORK CREATED AS A WORK MADE FOR HIRE ON OR AFTER DECEMBER 1, 1990, LASTS FOR 95 YEARS FROM THE DATE OF PUBLICATION OF THE WORK OR FOR 120 YEARS FROM THE DATE OF CREATION OF THE UNPUBLISHED PLANS, WHICHEVER TERM IS LESS. WARNING: REPRODUCTION HEREOF IS A CRIMINAL OFFENSE UNDER SECTION 102 OF THE COPYRIGHT ACT, 17 U.S.C.; 18 U.S.C. SEC. 506. UNAUTHORIZED DISCLOSURE MAY CONSTITUTE TRADE SECRET MISAPPROPRIATION IN VIOLATION OF I.C.24-2-31.1 ET. SEQ. AND OTHER LAWS. THE CONCEPTS, IDEAS, DESIGNS, ARRANGEMENTS, DRAWINGS, AND PLANS DISCLOSED ARE COPYRIGHT ACT NOT THE AND BE PLEND OR BE THE SUBJECT OF PENDING THE MATED OR DA THE OR OPYRIGHT ACT. 17 U.S.C.; 18 U.S.C. SEC. 506. UNAUTHORIZED DISCLOSURE MAY CONSTITUTE TRADE SECRET MISAPPROPRIATION IN VIOLATION OF I.C.24-2-31.1 ET. SEQ. AND OTHER LAWS. THE CONCEPTS, IDEAS, DESIGNS, ARRANGEMENTS, DRAWINGS, AND PLANS DISCLOSED ARE COPYRIGHTED AND HEREIN MAY BE PATENTED OR BE THE SUBJECT OF PENDING. THE TOTATION AND ONE OF THE AND THE TATE TO COPURISTION OF THE ORDERTION OF THE UNDERT OF ORDERTION ARE PATENTED OR BE THE SUBJECT OF
5 = 5 = 4 D = 4 S PROVIDED IDED MS PROVIDED	PENDING PATENT APPLICATION. ANYONE VIOLATING THE INTENT OF THIS COPYRIGHT PROTECTION WILL BE PROSECUTED TO THE FULL EXTENT OF THE FEDERAL STATE AND LOCAL LAWS. WRITTEN DIMENSIONS ON THESE DOCUMENTS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. SHOP DRAWINGS AND OR DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR REVIEW BEFORE PROCEEDING WITH FABRICATION.
1 = 1 = 1 D = 1	
, = 9 = 4 D = 7 PROVIDED IDED	ST. LUCIE HIGH SCHOOL DDD
	Port St. Lucie, FL
NG MARKING SOM PANEL FIRE RESISTANCE	St. Lucie PUBLIC SCHOOLS
W-60	St. Lucie Public Schools 9461 Brandywine Ln Port St. Lucie, FL 34986 ISSUE DATE: 12/16/2022 COMM. NO.: 2022107 DRAWN BY: RC,SM,AC CHECKED BY: KT CODE SUMMARY &
	CALCULATIONS GO10
PHASF III	- CONSTRUCTION DOCUMENTS



2/28/2023 11:41:00 AM Autodesk Docs://2022107 St. Lucie HS DDD/SLPS_HS DDD_2022 - A.rvt

13	14	15	16	17	18	
				GROSS BUILDING	AREA SCHEDULE	SCHENKELSHULTZ
				BLDG 01 FIRST FLOOR SECOND FLOOR	60,621 SF 59,002 SF	200 E. ROBINSON STREET SUITE 300 ORLANDO, FL 32801 voice 407-872-3322 fax 407-872-3303
				BLDG 02 FIRST FLOOR	61,618 SF	schenkelshultz.com SS Lic. NoAA-C000937 SEE <u>www.schenkelshultz.com/copyright</u> FOR POLICY AND INFORMATION
				BLDG 02 MECH MEZZ. SECOND FLOOR	1,836 SF	
				BLDG 03 FIRST FLOOR	61,182 SF	
				BLDG 03 - MEZZ SECOND FLOOR	3,105 SF	
				BLDG 04 FIRST FLOOR	3,328 SF	
				BLDG 05 FIRST FLOOR TOTAL AREA	1,003 SF 251,694 SF	
	l					
						REVISIONS
						MARK DESCRIPTION DATE 1 ADDENDUM 03 03/01/2023
						CONFIDENTIAL COPYRIGHT 2020 SCHENKEL & SHULTZ INC. SEE WWW.SCHENKELSHULTZ.COM/COPYRIGHT FOR POLICY AND
						INFORMATION PURSUANT TO SECTION 102 OF THE COPYRIGHT ACT, 17 U.S.C., ALL CONCEPTS, IDEAS, DESIGNS, ARRANGEMENTS, DRAWINGS, AND PLANS INDICATED OR REPRESENTED BY THIS DOCUMENT ARE COPYRIGHTED BY SCHENKEL & SHULTZ INC. AS SUCH ALL CONCEPTS, IDEAS, DESIGNS, ARRANGEMENTS, DRAWINGS, AND PLANS INDICATED OR REPRESENTED BY THIS DOCUMENT ARE OWNED BY AND THE PROPERTY OF SCHENKELSHULTZ AND WERE CREATED, EVOLVED AND DEVELOPED FOR IT'S OWN USE. NONE OF THE IDEAS, DESIGNS, ARRANGEMENTS, OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, ARCHITECTURAL OR
UILDING 5						ENGINEERING FIRM, CONSTRUCTION FIRM, SUBCONTRACTING FIRM, SUPPLIER, OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF SCHENKEL & SHULTZ INC. PURSUANT TO SECTION 102 OF THE COPYRIGHT ACT, 17 U.S.C., PROTECTION FOR AN ARCHITECTURAL WORK CREATED AS A WORK MADE FOR HIRE ON OR AFTER DECEMBER 1, 1990, LASTS FOR 95 YEARS FROM THE DATE OF PUBLICATION OF THE WORK OR FOR 120 YEARS FROM THE DATE OF CREATION OF THE UNPUBLISHED PLANS, WHICHEVER TERM IS LESS. WARNING: REPRODUCTION HEREOF IS A CRIMINAL OFFENSE UNDER SECTION 102 OF THE COPYRIGHT ACT, 17
						U.S.C.; 18 U.S.C. SEC. 506. UNAUTHORIZED DISCLOSURE MAY CONSTITUTE TRADE SECRET MISAPPROPRIATION IN VIOLATION OF I.C.24-231-1 ET. SEQ. AND OTHER LAWS. THE CONCEPTS, IDEAS, DESIGNS, ARRANGEMENTS, DRAWINGS, AND PLANS DISCLOSED ARE COPYRIGHTED AND HEREIN MAY BE PATENTED OR BE THE SUBJECT OF PENDING PATENT APPLICATION. ANYONE VIOLATING THE INTENT OF THIS COPYRIGHT PROTECTION WILL BE PROSECUTED TO THE FULL EXTENT OF THE FEDERAL STATE AND LOCAL LAWS. WRITTEN DIMENSIONS ON THESE DOCUMENTS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS.
						CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. SHOP DRAWINGS AND OR DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR REVIEW BEFORE PROCEEDING WITH FABRICATION.
			BLDG 03 - MEZZ - 3, 105 SF			
	F14 1" = 50'-0"	SECOND FLO	OR - BUILDING 3	MEZZ		
						ST. LUCIE HIGH SCHOOL DDD
						Port St. Lucie, FL
			BLDG 02 MECH MEZZ.			St. Lucie PUBLIC SCHOOLS
			I			St. Lucie Public Schools 9461 Brandywine Ln Port St. Lucie, FL 34986
						ISSUE DATE: 12/16/2022 COMM. NO.: 2022107 DRAWN BY: RC,SM,AC CHECKED BY: KT
						BUILDING AREA PLANS AND SCHEDULES
	A14	SECOND FLO	OR -BUILDING 2	MEZZ		G012
13	1" = 50'-0" 14	15	16	17	PHASE I	II - CONSTRUCTION DOCUMENTS

Design No. U412 January 22, 2019	2. Steel Studs — 1-5/8 in. wide (min), 1-1/4 in. legs, 1/4 in. return, formed of 25 MSG (min) galv steel max stud spacing 24 in. OC. Studs to be cut 3/4 in. less than assembly	3. Batts and Blankets* — (Optional) — Mineral wool or glass fiber batts partially or completely filling stud cavity.
Nonbearing Wall Rating — 2 HR.	height.	See Batts and Blankets (BZJZ) category for names of manufacturers.
dicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.	2A. Framing Members*— Steel Studs — As an alternate to Item 2 — For use with Item 1A, channel shaped studs, min 1-5/8 in. wide, spaced a max of 24 in. OC. Studs to be	3A. Fiber, Sprayed* — As an alternate to Batts and Blankets (Item 3) — (100% Borate Formulation) — Spray applied cellulose material. The fiber is applied with water to
4 2	cut 3/4 in. less than assembly height. ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME D24/30EQD and Type	completely fill the enclosed cavity in accordance with the application instructions supplied with the product with a nominal dry density of 2.7 lb/ft ³ . Alternate Application
	SUPREME D20	Method: The fiber is applied without water or adhesive at a nominal dry density of 3.5 lb/ft ³ , in accordance with the application instructions supplied with the product.
	CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME D24/30EQD and Type SUPREME D20	U S GREENFIBER L L C — INS735& INS745 for use with wet or dry application. INS765LD and INS770LD are to be used for dry application only.
	QUAIL RUN BUILDING MATERIALS INC — Type SUPREME D24/30EQD and Type SUPREME D20	instosed and instroed are to be used for dry application only.
	SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME D24/30EQD and Type	3B. Fiber, Sprayed* — As an alternate to Batts and Blankets (Item 3) - Spray applied cellulose insulation material. The fiber is applied with water to interior surfaces in
I. Floor and Ceiling Runner — (Not Shown) — 25 MSG (min) galv steel 1 in. high,	SUPREME D20 STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME D24/30EQD and Type	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.
eturn legs 1-5/8 in. wide (min), attached to floor and ceiling with fasteners 24 in. OC nax.	SUPREME D20	NU-WOOL CO INC — Cellulose Insulation
IA. Framing Members* — Floor and Ceiling Runners — (Not Shown) — As an alternate to Item 1 - For use with Item 2A, channel shaped, min 1-5/8 in. wide, attached	UNITED METAL PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20	3C. Fiber, Sprayed* — As an alternate to Batts and Blankets (Item 3) — Spray applied
to floor and ceiling with fasteners 24 in. OC. max.		cellulose fiber. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. The minimum
ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME D20	2B. Framing Members* — Steel Studs — Not Shown — In lieu of Item 2 — For use with Item 1B, channel shaped steel studs, 1-1/4 in. deep by min 1-5/8 in. wide	dry density shall be 4.30 lbs/ft ³ .
CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME	fabricated from min 0.018 in. thick galv steel. Studs to be cut 3/4 in. less in length than assembly height.	INTERNATIONAL CELLULOSE CORP — Celbar-RL
D24/30EQD and Type SUPREME D20 QUAIL RUN BUILDING MATERIALS INC — Type SUPREME D24/30EQD and Type	CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper20™	3D. Fiber, Sprayed* — As an alternate to Batts and Blankets (Item 3) — Spray-applied
SUPREME D20	MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™	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
SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME D24/30EQD and Type SUPREME D20	FUSION BUILDING PRODUCTS — Viper20™ IMPERIAL MANUFACTURING GROUP INC — Viper20™	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
STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME D24/30EQD and Type		moisture content before the installation of materials on either face of the studs. The
SUPREME D20 JNITED METAL PRODUCTS INC — Type SUPREME D24/30EQD and Type SUPREME	2C. Framing Members* — Steel Studs — As an alternate to Item 2 — For use with Item 1C, channel shaped studs, min 1-5/8 in. wide fabricated from min 0.015 in. thick	minimum dry density shall be 5.79 lbs/ft³. APPLEGATE HOLDINGS L L C — Type 1 SAFE Applegate Fired Rated Material
020	galv steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.	4. Gypsum Board* — 1/2 in. thick. Gypsum board applied vertically in two layers.
IB. Framing Members — Floor and Ceiling Runner* — (Not Shown) — In lieu of Item I — For use with Item 2B, proprietary channel shaped runners, 1-1/4 in. deep by min 1-	DMFCWBS L L C — ProSTUD	(Laminated System) Inner layer attached to studs with 1 in. long Type S steel screws spaced 24 in. O.C. along vertical edges and 24 in. O.C. in the field. Outer layer laminate
5/8 in. wide fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners spaced 24 in. OC max.	MBA METAL FRAMING — ProSTUD	to inner layer with joint compound, applied with a notched spreader producing
		continuous beads of compound about 3/8 in. in diameter, spaced not greater than 2 ir
CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper20™ Track	RAM SALES L L C — Ram ProSTUD STEEL STRUCTURAL PRODUCTS L L C — Tri-S ProSTUD	O.C. Joints of laminated outer layer offset 12 in. from inner layer joints. Outer layer
MARINO/WARE, DIV OF WARE INDUSTRIES INC — Viper20™ Track		gypsum board attached to inner layer with 1-1/2 in. long Type G steel screws spaced 2 in. O.C. along edges and center line of each sheet.
	2D. Framing Members*— Steel Studs — As an alternate to Item 2 — For use with $1D_{1}$ shapped shaped stude min 1. $E/2$ in wide fabricated from min 0.012 in thick	Optional, (Direct Attached System) Gypsum board applied vertically in two layers. Inne
FUSION BUILDING PRODUCTS — Viper20™ Track	Item 1D, channel shaped studs, min 1-5/8 in. wide fabricated from min 0.018 in. thick galv steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.	layer attached to studs with 1 in. long Type S steel screws spaced 24 in. O.C. in the field and along the vertical edges. Outer layer attached to the studs over the inner layer wit
MPERIAL MANUFACTURING GROUP INC — Viper20™ Track	TELLING INDUSTRIES L L C — TRUE-STUD™	1-5/8 in. long Type S steel screws spaced 12 in. O.C. in the field, along the vertical edges, and to the floor and ceiling runners. Joints of screw-attached outer layer offset
1C. Framing Members* — Floor and Ceiling Runners — (Not Shown) — As an	2E. Framing Members* — Steel Studs — As an alternate to Item 2 — For use with	from inner layer joints.
alternate to Item 1 - For use with Item 2C, channel shaped, min 1-5/8 in. wide fabricated from min 0.015 in. thick galv steel, attached to floor and ceiling with fasteners 24 in. OC.	Item 1D, channel shaped studs, min 1-5/8 in. wide fabricated from min 25 MSG steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.	Optional, (Direct Attached System) Inner layer gypsum board applied vertically, outer layer wallboard applied horizontally. Inner layer attached to studs with 1 in. Type S stee
max. CLARKDIETRICH BUILDING SYSTEMS — CD ProTRAK	KIRII (HONG KONG) LTD — Type KIRII	screws spaced 24 in. O.C. along vertical edges and in the field. Outer layer attached to the studs over the inner layer with 1-5/8 in. long Type S steel screws spaced 12 in. OC
DMFCWBS L L C — ProTRAK	2F. Framing Members* — Steel Studs — Not Shown — In lieu of Item 2 — For use	the field, along the vertical edges, and to the floor and ceiling runners. Outer layer secured to inner layer gypsum board with 1-1/2 in. long Type G steel screws located
MBA METAL FRAMING — ProTRAK	with Item 1F, channel shaped steel studs, 1-1/4 in. deep by min 1-5/8 in. wide fabricated from min 0.018 in. thick galv steel. Studs to be cut 3/4 in. less in length than	midway between studs and 1 in. from the horizontal joint. Outer layer gypsum board joints covered with joint tape and min two coats of joint
RAM SALES L L C — Ram ProTRAK STEEL STRUCTURAL PRODUCTS L L C — Tri-S ProTRAK	assembly height. TELLING INDUSTRIES L L C — Viper20™	compound, and screw heads covered with min two coats of joint compound. As an
		alternate, nom 3/32 in. thick gypsum veneer plaster may be applied to the entire surface of Classified veneer baseboard. Joints reinforced.
1D. Framing Members* — Floor and Ceiling Runners — (Not Shown) — As an alternate to Item 1 - For use with Item 2D, channel shaped, min 1-5/8 in. wide	2G. Framing Members* — Steel Studs — As an alternate to Item 2 — For use with Item 1G, channel shaped studs, min $1-5/8$ in wide (SmartStud20 ^{IM}), min $3-5/8$ in wide	ACADIA DRYWALL SUPPLIES LTD — Type C
abricated from min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners 24 in. OC. max.	Item 1G, channel shaped studs, min 1-5/8 in. wide (SmartStud20™), min 3-5/8 in. wide (SmartStud25™) spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly	AMERICAN GYPSUM CO — Types AG-C. CERTAINTEED GYPSUM INC — Type FRPC, Type C.
TELLING INDUSTRIES L L C — TRUE-TRACK™	height. CRACO MFG INC — SmartStud25™, SmartStud20™	CGC INC — Type C, IP-X2, IPC-AR or WRC.
1E. Framing Members* — Floor and Ceiling Runners — (Not Shown) — As an		CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C — Type LGFC-C/A.
alternate to Item 1 - For use with Item 2E, channel shaped, min 1-5/8 in. wide fabricated from min 25 MSG steel, attached to floor and ceiling with fasteners 24 in. OC. max.	2H. Framing Members* — Steel Studs — Not Shown — In lieu of Item 2 — For use with Item 1, channel shaped steel studs, 1-1/4 in. deep by min 1-5/8 in. wide fabricated	GEORGIA-PACIFIC GYPSUM L L C — Types 5, C, DAP, DA, DAPC, TG-C. NATIONAL GYPSUM CO — Types eXP-C, FSK-C, FSW-G, FSW-C, FSMR-C.
KIRII (HONG KONG) LTD — Type KIRII	from min 25 MSG galv steel. Studs to be cut 3/4 in. less in length than assembly height. EB METAL INC — NITROSTUD	PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type PG-C.
1F. Framing Members — Floor and Ceiling Runner* — (Not Shown) — In lieu of Item		PANEL REY S A — Type PRC
1 — For use with Item 2F, proprietary channel shaped runners, 1-1/4 in. deep by min 1- 5/8 in. wide fabricated from min 0.018 in. thick galv steel, attached to floor and ceiling	2I. Framing Members* — Steel Studs — Not Shown — In lieu of Item 2 — For use with Item 1, channel shaped steel studs, min 1-5/8 in. deep by min 1-1/4 in. wide,	SAINT-GOBAIN GYPROC MIDDLE EAST FZE — Type Gyproc FireStop, Gyproc FireStc MR, Gyproc FireStop M2TECH, Gyproc FireStop ACTIV'Air, Gyproc FireStop MR
with fasteners spaced 24 in. OC max. FELLING INDUSTRIES L L C — Viper20™ Track	fabricated from min 25 MSG galv steel. Studs cut 3/4 in. less in length than assembly	ACTIV'Air, Gyproc FireStop M2TECH ACTIV'Air
	height. OLMAR SUPPLY INC — PRIMESTUD	THAI GYPSUM PRODUCTS PCL — Type C. UNITED STATES GYPSUM CO — Type C, IP-X2, IPC-AR or WRC.
G. Framing Members* — Floor and Ceiling Runners — (Not Shown) — As an		STATED STATES STESUME CO - TYPE C, IF-AZ, IFC-AK OF WKC.
lternate to Item 1 - For use with Item 2G, channel shaped, min 1-5/8 in. wide	2J. Framing Members* — Steel Studs — As an alternate to Item 2 — For use with Item 1B (3-5/8 in. wide track), channel shaped studs, fabricated from min 25 MSG corrosion-	USG BORAL DRYWALL SFZ LLC — Type C
SmartTrack20™), min 3-5/8 in. wide (SmartTrack25™), attached to floor and ceiling with asteners 24 in. OC max.	protected steel, 1-1/4 in. wide by 3-5/8 in. deep, spaced a max of 24 in. OC. Studs to be	USG MEXICO S A DE C V — Type C, IP-X2, IPC-AR or WRC.
CRACO MFG INC — SmartTrack25™, SmartTrack20™	cut 3/8 to 3/4 in. less than assembly height. MARINO/WARE, DIV OF WARE INDUSTRIES INC — StudRite™	4A. Gypsum Board* — (As an alternate to Item 4) — 5/8 in. thick. Two layers installed
H. Framing Members* — Floor and Ceiling Runners — (Not Shown) — As an Iternate to Item 1 - For use with Item 2K. Channel shaped, attached to floor and ceiling	2K. Framing Members* — Steel Studs — As an alternate to Item 2 — For use with	by any method as described in Item 4.
vith fasteners 24 in. OC. max.	Item 1H, channel shaped, min 3-5/8 in. wide, spaced a max of 24 in. OC. Studs to be cut 3/8 to 3/4 in. less than assembly height.	NATIONAL GYPSUM CO — Type FSMR-C. UNITED STATES GYPSUM CO — Type ULIX
BAILEY METAL PRODUCTS LTD — Type PLATINUM PLUS	BAILEY METAL PRODUCTS LTD — Type PLATINUM PLUS	
I. Framing Members* — Floor and Ceiling Runners — (Not Shown) — As an Iternate to Item 1 - For use with Item 2L, channel shaped, min 3-1/2 in. wide fabricated		5. Furring Channels — (Optional, Not Shown, for single or double layer systems) — Resilient furring channels fabricated from min 25 MSG corrosion-protected steel,
rom min 0.018 in. thick galv steel, attached to floor and ceiling with fasteners 24 in. OC. Aax.	2L. Framing Members*— Steel Studs — As an alternate to Item 2 — For use with Item 11, channel shaped studs, min 3-1/2 in. wide fabricated from min 0.018 in. thick galv	spaced vertically a max of 24 in. OC. Flange portion attached to each intersecting stud with 1/2 in. long Type S-12 steel screws.
TEEL INVESTMENT GROUP L L C — AlphaTRAK	steel, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height. STEEL INVESTMENT GROUP L L C — AlphaSTUD	* Indicates such products shall bear the UL or cUL Certification Mark for jurisdiction employing the UL or cUL Certification (such as Canada), respectively.
Framing Members - Floor and Coiling Puppers (Net Chaum) - In line of them	a na Tana ana ana ana ana ana ana ana an	Last Updated on 2019-01-
J. Framing Members — Floor and Ceiling Runner* — (Not Shown) — In lieu of Item — For use with Item 2M, proprietary channel shaped runners, 1-1/4 in. deep by min	2M. Framing Members* — Steel Studs — (Not Shown) — In lieu of Item 2 — For use with Item 1J, channel shaped steel studs, 1-1/4 in. deep by min 1-5/8 in. wide fabricated	
-5/8 in. wide fabricated from min 25 MSG (0.018 in. min. bare metal thickness), ttached to floor and ceiling with fasteners spaced 24 in. OC max.	from min 25 MSG (0.018 in. min. bare metal thickness). Studs to be cut 3/4 in. less in length than assembly height.	
CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper X Track	CALIFORNIA EXPANDED METAL PRODUCTS CO — Viper X	
K. Framing Members* — Floor and Ceiling Runners — (Not Shown) — In lieu of	2N. Framing Members* — Steel Studs — In lieu of Item 2 — For use with item 1K.	
tem 1 - For use with Item 2N. Channel shaped, min. 1-5/8 in. wide, attached to floor and ceiling with fasteners 24 in. OC. max.	Channel shaped studs, min depth 1-5/8 in. wide, spaced a max of 24 in. OC. Studs to be cut 3/4 in. less than assembly height.	
ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME D25	ALLSTEEL & GYPSUM PRODUCTS INC — Type SUPREME D25	
CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME	CONSOLIDATED FABRICATORS CORP, BUILDING PRODUCTS DIV — Type SUPREME	
QUAIL RUN BUILDING MATERIALS INC — Type SUPREME D25	D25 QUAIL RUN BUILDING MATERIALS INC — Type SUPREME D25	
SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME D25	SCAFCO STEEL STUD MANUFACTURING CO — Type SUPREME D25	
TEEL CONSTRUCTION SYSTEMS INC — Type SUPREME D25	STEEL CONSTRUCTION SYSTEMS INC — Type SUPREME D25	
JNITED METAL PRODUCTS INC — Type SUPREME D25	UNITED METAL PRODUCTS INC — Type SUPREME D25	

6 7	8 9 10 11	12 13 14
, 1-1/4 in. legs, 1/4 in. return, formed of 25 MSG n. OC. Studs to be cut 3/4 in. less than assembly	3. Batts and Blankets* — (Optional) — Mineral wool or glass fiber batts partially or completely filling stud cavity. See Batts and Blankets (BZJZ) category for names of manufacturers.	Design No. U469 January 23, 2019
Is — As an alternate to Item 2 — For use with Item in. wide, spaced a max of 24 in. OC. Studs to be	3A. Fiber, Sprayed* — As an alternate to Batts and Blankets (Item 3) — (100% Borate Formulation) — Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions	Assembly Rating — 1 HR Nonbearing Wall * Indicates such products shall bear the UL or cUL Certification Mark for
NC — Type SUPREME D24/30EQD and Type	supplied with the product with a nominal dry density of 2.7 lb/ft ³ . Alternate Application Method: The fiber is applied without water or adhesive at a nominal dry density of 3.5	jurisdictions employing the UL or cUL Certification (such as Canada), respectively.
RP, BUILDING PRODUCTS DIV — Type SUPREME	lb/ft ³ , in accordance with the application instructions supplied with the product. U S GREENFIBER L L C — INS735& INS745 for use with wet or dry application. INS765LD and INS770LD are to be used for dry application only.	(600mm)
INC — Type SUPREME D24/30EQD and Type	3B. Fiber, Sprayed* — As an alternate to Batts and Blankets (Item 3) - Spray applied	
RING CO — Type SUPREME D24/30EQD and Type IC — Type SUPREME D24/30EQD and Type	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.	2 + 1 - 1 HORZ. SECTION (1 - 3) (2 - + 1 - 1) (2 - + 1 - 1) (2 - + 1 - 1) (2 - + 1 - 1)
Type SUPREME D24/30EQD and Type SUPREME	NU-WOOL CO INC — Cellulose Insulation	
ds — Not Shown — In lieu of Item 2 — For use	3C. Fiber, Sprayed* — As an alternate to Batts and Blankets (Item 3) — Spray applied cellulose fiber. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application instructions supplied with the product. The minimum	 Floor and Ceiling Runners — "J" - shaped, 2-1/2 in. wide with unequal legs of 1 in. and 2 in., fabricated from 24 MSG galv steel (min 20 MSG steel required when Item 4A, 4B, or 4C is used). Runners attached to structural supports with steel fasteners located not greater than 2 in. from ends and not greater than 24 in. OC.
uds, 1-1/4 in. deep by min 1-5/8 in. wide lv steel. Studs to be cut 3/4 in. less in length than	dry density shall be 4.30 lbs/ft ³ . INTERNATIONAL CELLULOSE CORP — Celbar-RL	2. Steel Studs — "C-H" shaped studs, 2-1/2 in. wide by 1-1/2 in. deep, fabricated
RODUCTS CO — Viper20™	3D. Fiber, Sprayed* — As an alternate to Batts and Blankets (Item 3) — Spray-applied	from min 25 MSG galv steel (min 20 MSG steel required when Item 4A, 4B, or 4C is used), spaced 24 in. or 600 mm OC (max 16 in. OC when Item 4A, 4B, or 4C is used). Vertically restrained walls require studs to be cut 3/8 in. less than floor to ceiling
DUSTRIES INC — Viper20™ iper20™	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	height.
JP INC — Viper20™	the installation of the material, any thin, woven or non-woven netting may be attachec by any means possible to the outer face the studs. The material shall reach equilibrium	3. Gypsum Board* — 1 in. thick gypsum wallboard liner panels, supplied in nominal 24 in. or 600 mm widths. Vertical edges inserted in "H" shaped section of "C-H"
ds — As an alternate to Item 2 — For use with	moisture content before the installation of materials on either face of the studs. The minimum dry density shall be 5.79 lbs/ft ³ . APPLEGATE HOLDINGS L L C — Type 1 SAFE Applegate Fired Rated Material	studs. Free edge of end panels attached to long leg of "J" runners with 1-5/8 in. long Type S head steel screws spaced not greater than 12 in. OC. CERTAINTEED GYPSUM INC – Types Shaftliner, EGRG Shaftliner or GlasRoc Shaftliner
-5/8 in. wide fabricated from min 0.015 in. thick Studs to be cut 3/4 in. less than assembly height.		CGC INC — TypeELX. CONTINENTAL BUILDING PRODUCTS OPERATING CO, LLC — TypeLGFCSL GEORGIA-PACIFIC GYPSUM LLC — Types TP-6, DGUSL, and TRSL
1S — CD ProSTUD	4. Gypsum Board* — 1/2 in. thick. Gypsum board applied vertically in two layers. (Laminated System) Inner layer attached to studs with 1 in. long Type S steel screws spaced 24 in. O.C. along vertical edges and 24 in. O.C. in the field. Outer layer laminate	UNITED STATES GYPSUM CO - TypeELX
	to inner layer with joint compound, applied with a notched spreader producing continuous beads of compound about 3/8 in. in diameter, spaced not greater than 2 ir	USG BORAL DRYWALL SFZ LLC — Typ &LX USG MEXICO S A DE C V — Typ &LX.
C — Tri-S ProSTUD	O.C. Joints of laminated outer layer offset 12 in. from inner layer joints. Outer layer gypsum board attached to inner layer with 1-1/2 in. long Type G steel screws spaced 2	4. Gypsum Board* — 5/8 in. thick, 4 ft or 1200 mm wide, applied vertically and attached to studs with 1 in. long Type S steel screws spaced 12 in. OC along the edges and in the field of the boards.
ds — As an alternate to Item 2 — For use with	in. O.C. along edges and center line of each sheet. Optional, (Direct Attached System) Gypsum board applied vertically in two layers. Inne	ACADIA DRY WALL SUPPLIES LTD — 5/8 Type X, Type Blueglass Extends Sheathing AMERICAN GYPSUM CO — Types AGX-1, M-Glass, AG-C, LightRoc. CERTAINTEED GYPSUM INC — Type C, Type X-2, Type X, Type X-1.
-5/8 in. wide fabricated from min 0.018 in. thick Studs to be cut 3/4 in. less than assembly height. -STUD™	layer attached to studs with 1 in. long Type S steel screws spaced 24 in. O.C. in the fiek and along the vertical edges. Outer layer attached to the studs over the inner layer wit 1-5/8 in. long Type S steel screws spaced 12 in. O.C. in the field, along the vertical	CGC INC — Types C, IP-X1, IP-X2, IPC-AR, SCX, ULX, or WRC. CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C — Types LGFC-C, LGFC-C/A, LGFC6A
	edges, and to the floor and ceiling runners. Joints of screw-attached outer layer offset from inner layer joints.	GEORGIA-PACIFIC GYPSUM L L C — Types 5, DAPC, Type X, Veneer Plaster Base - Type X, Water Rated - Type X, Sheathing - Type X, Soffit - Type X, Type TG-C, Type LWX, Veneer Plaster Base-Type LWX, Water Rated-Type LWX, Sheathing Type-LWX, Soffit-Type LWX, Type DGLW, Water Rated-Type DGLW, Sheathing Type- DGLW, Soffit-Type LWX, Type LW2X, Veneer Plaster
ds — As an alternate to Item 2 — For use with -5/8 in. wide fabricated from min 25 MSG steel,	Optional, (Direct Attached System) Inner layer gypsum board applied vertically, outer layer wallboard applied horizontally. Inner layer attached to studs with 1 in. Type S stee	Base - Type LW2X, Water Rated - Type LW2X, Sheathing - Type LW2X, Soffit - Type LW2X, Type DGL2W, Water Rated - Type DGL2W, Sheathing - Type DGL2W, Type DGG, Type DAP, Type DS. PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Types C, PG-11, PG-C, PGS-WRS.
e cut 3/4 in. less than assembly height. RII	screws spaced 24 in. O.C. along vertical edges and in the field. Outer layer attached to the studs over the inner layer with 1-5/8 in. long Type S steel screws spaced 12 in. OC the field, along the vertical edges, and to the floor and ceiling runners. Outer layer	SAINT-GOBAIN GYPROC MIDDLE EAST FZE — Type Gyproc FireStop, Gyproc FireStop MR, Gyproc FireStop M2TECH, Gyproc FireStop ACTIV'Air, Gyproc FireStop MR ACTIV'Air, Gyproc FireStop M2TECH ACTIV'Air, Gyproc DuraLine, Gyproc DuraLine MR, Gyproc DuraLine M2TECH, Gyproc DuraLine ACTIV'Air, Gyproc DuraLine MR ACTIV'Air, Gyproc DuraLine M2TECH ACTIV'Air THAI GYPSUM PRODUCTS PCL — Typ.
ds — Not Shown — In lieu of Item 2 — For use	secured to inner layer gypsum board with 1-1/2 in. long Type G steel screws located midway between studs and 1 in. from the horizontal joint.	UNITED STATES GYPSUM CO - Types C, FRX-G, IP-X1, IP-X2, IPC-AR, SCX, ULX or WRC.
uds, 1-1/4 in. deep by min 1-5/8 in. wide lv steel. Studs to be cut 3/4 in. less in length than 20™	Outer layer gypsum board joints covered with joint tape and min two coats of joint compound, and screw heads covered with min two coats of joint compound. As an alternate, nom 3/32 in. thick gypsum veneer plaster may be applied to the entire	USG BORAL DRYWALL SFZ LLC —TypesCSCX USG MEXICO S A DE C V — Types C, IP-X1, IP-X2, IPC-AR, SCX, ULX, or WRC.
ds — As an alternate to Item 2 — For use with	surface of Classified veneer baseboard. Joints reinforced. ACADIA DRYWALL SUPPLIES LTD — Type C	4A. Gypsum Board* — Not Shown - As an Alternate to Item 4. Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied
-5/8 in. wide (SmartStud20 [™]), min 3-5/8 in. wide n. OC. Studs to be cut 3/4 in. less than assembly	AMERICAN GYPSUM CO — Types AG-C.	vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12
SmartStud20™	CERTAINTEED GYPSUM INC — Type FRPC, Type C. CGC INC — Type C, IP-X2, IPC-AR or WRC.	steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Lead batten strips (Item 6 required behind vertical joints
ds — Not Shown — In lieu of Item 2 — For use	CONTINENTAL BUILDING PRODUCTS OPERATING CO, L L C — Type LGFC-C/A. GEORGIA-PACIFIC GYPSUM L L C — Types 5, C, DAP, DA, DAPC, TG-C.	RAY-BAR ENGINEERING CORP — Type RB-LBG
ds, 1-1/4 in. deep by min 1-5/8 in. wide fabricated be cut 3/4 in. less in length than assembly height.	NATIONAL GYPSUM CO — Types eXP-C, FSK-C, FSW-G, FSW-C, FSMR-C.	4B. Gypsum Board* — Not Shown - As an Alternate to Item 4. Nom 5/8 in. thick
	PABCO BUILDING PRODUCTS L L C, DBA PABCO GYPSUM — Type PG-C. PANEL REY S A — Type PRC	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 1-1/4 in. long Type S-12
ls — Not Shown — In lieu of Item 2 — For use ds, min 1-5/8 in. deep by min 1-1/4 in. wide,	SAINT-GOBAIN GYPROC MIDDLE EAST FZE — Type Gyproc FireStop, Gyproc FireStc MR, Gyproc FireStop M2TECH, Gyproc FireStop ACTIV'Air, Gyproc FireStop MR	steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Lead batten strips required behind vertical joints. To be used with Lead Batten Strips (see Item
el. Studs cut 3/4 in. less in length than assembly	ACTIV'Air, Gyproc FireStop M2TECH ACTIV'Air THAI GYPSUM PRODUCTS PCL — Type C.	6B) or Lead Discs (see Item 6C). MAYCO INDUSTRIES INC – Type X-Ray Shielded Gypsum
	UNITED STATES GYPSUM CO — Type C, IP-X2, IPC-AR or WRC.	
Is — As an alternate to Item 2 — For use with Item	USG BORAL DRYWALL SFZ LLC — Type C	4C. Gypsum Board* — (Not Shown - As an Alternate to Item 4.). Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied
bed studs, fabricated from min 25 MSG corrosion- /8 in. deep, spaced a max of 24 in. OC. Studs to be neight.	USG MEXICO S A DE C V — Type C, IP-X2, IPC-AR or WRC.	vertically. Vertical joints centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws gypsum panel steel screws spaced 8 in. OC at perimeter and 12 in. OC
DUSTRIES INC — StudRite™	4A. Gypsum Board* — (As an alternate to Item 4) — 5/8 in. thick. Two layers installed by any method as described in Item 4.	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
ds — As an alternate to Item 2 — For use with n. wide, spaced a max of 24 in. OC. Studs to be cut	NATIONAL GYPSUM CO — Type FSMR-C.	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
ht. ype PLATINUM PLUS	UNITED STATES GYPSUM CO — Type ULIX	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
	5. Furring Channels — (Optional, Not Shown, for single or double layer systems) — Resilient furring channels fabricated from min 25 MSG corrosion-protected steel,	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". RADIATION PROTECTION PRODUCTS INC – Type RPP - Lead Lined Drywall
s — As an alternate to Item 2 — For use with Item n. wide fabricated from min 0.018 in. thick galv s to be cut 3/4 in. less than assembly height.	spaced vertically a max of 24 in. OC. Flange portion attached to each intersecting stud with 1/2 in. long Type S-12 steel screws.	
- AlphaSTUD	* Indicates such products shall bear the UL or cUL Certification Mark for jurisdiction employing the UL or cUL Certification (such as Canada), respectively. Last Updated on 2019-01-	4D. Gypsum Board* — For use with Item 5D, Batts and Blankets* and minimum stud depth increased to 4 in 5/8 in. thick, 4 ft or 1200 mm wide, applied vertically and attached to studs with 1 in. long Type S steel screws spaced 12 in. OC along the
Ids — (Not Shown) — In lieu of Item 2 — For use Ids, 1-1/4 in. deep by min 1-5/8 in. wide fabricated metal thickness). Studs to be cut 3/4 in. less in	Last optiated on 2019-01-	edges and in the field of the boards.
CODUCTS CO — Viper X		5. Batts and Blankets* — (Optional) — Mineral wool batts partially or completely
ds — In lieu of Item 2 — For use with item 1K.		filling stud cavity. ROCKWOOL – Type AFB THERMAFIBER INC – Type SAFB, SAFB FF
/8 in. wide, spaced a max of 24 in. OC. Studs to be		
NC — Type SUPREME D25 RP, BUILDING PRODUCTS DIV — Type SUPREME		5A. Fiber, Sprayed* — As an alternate to Batts and Blankets (Item 5) — (100% Borate Formulation) — Spray applied cellulose material. The fiber is applied with water to completely fill the enclosed cavity in accordance with the application
INC — Type SUPREME D25 RING CO — Type SUPREME D25		instructions supplied with the product with a nominal dry density of 2.7 lb/ft ³ . Alternate Application Method: The fiber is applied without water or adhesive at a nominal dry density of 3.5 lb/ft, in accordance with the application instructions
IC — Type SUPREME D25		supplied with the product. U S GREENFIBER L L C — INS735& INS745 for use with wet or dry application. INS765LD
Type SUPREME D25		and INS770LD are to be used for dry application only.

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6C. Lead Discs — (Not Shown, for use with Item 4B) Max 5/16 in. diam by max 0.140

* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

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oard* — Not Shown - As an Alternate to Item 4. Nom 5/8 in. thick psum panels with beveled, square or tapered edges, applied cal joints centered over studs and staggered min 1 stud cavity on of studs. Wallboard secured to studs with 1-1/4 in. long Type S-12 aced 8 in. OC at perimeter and 12 in. OC in the field. Lead batten equired behind vertical joints ING CORP — Type RB-LBG **bard*** — Not Shown - As an Alternate to Item 4. Nom 5/8 in. thick psum panels with beveled, square or tapered edges, applied cal joints centered over studs and staggered min 1 stud cavity on

- Type SAFB, SAFB FF

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5B. Fiber, Sprayed* — 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. Fiber, Sprayed* — As an alternate to Batts and Blankets (Item 5) - Spray applied cellulose fiber. The fiber is applied with water to completely fill the enclosed 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

5D. Batts and Blankets* — For use with Item 4D. Placed in stud cavities, any min. 3-1/2 in. thick glass fiber insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance. See Batts and Blankets (BKNV or BZJZ) Categories for names of Classified companies.

5E. Fiber, Sprayed* — As an alternate to Batts and Blankets (Item 5) - Sprayapplied 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 — Type 1 SAFE Applegate Fired Rated Material

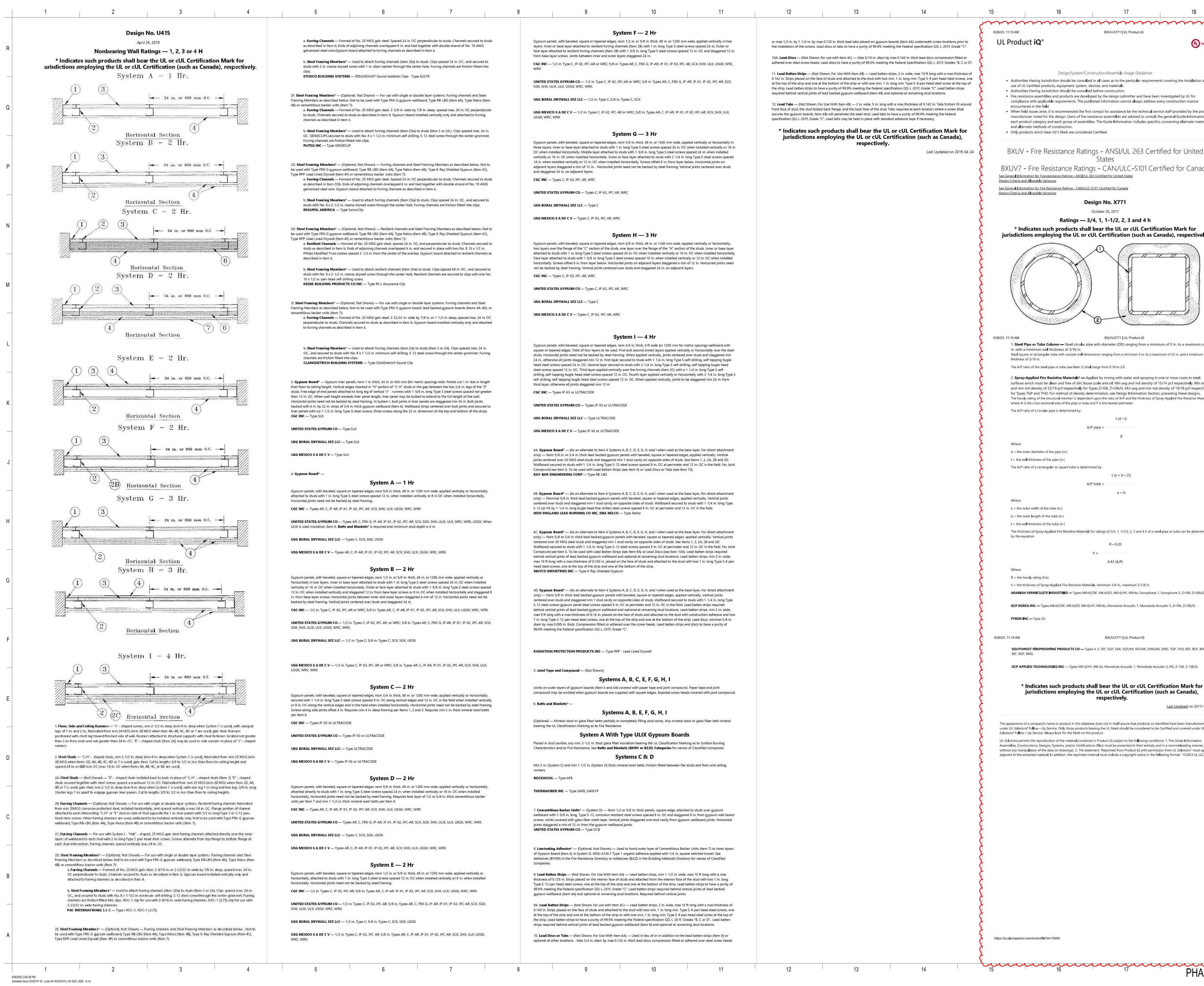
6. Lead Batten Strips — For Use with Item 4A - (Not Shown) — Lead batten strips required behind vertical joints of lead backed gypsum wallboard (Item 4A) and optional at remaining stud locations. Strips, min 1-1/2 in. wide, max 10 ft long with a max thickness of 0.125 in. Strips placed on the interior face of studs and attached from the exterior face of 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 batten strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".

6A. Lead Discs or Tabs — (Not Shown) - Used in lieu of or in addition to the lead batten strips (Item 6) 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 (Item 5) underneath screw locations prior to the installation of the screws. Lead discs or tabs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".

6B. Lead Batten Strips — (Not Shown, for use with Item 4B) Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of 0.140 in. Strips placed on the face of on studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of the strip. Lead batten strips to have a purity of 99.5% meeting the Federal specification QQ-L-201f, Grades "B, C or D".

in. thick lead discs compression fitted or adhered over steel screw heads. Lead discs to have a purity of 99.5% meeting the Federal Specification QQ-L-201f, Grades "B, C or D".

	SCHENKELSHULTZ
	200 E. ROBINSON STREET SUITE 300
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4A) and ft long with	
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ead batten -201f, Grade	
to the lead by max 0.125	CONFIDENTIAL COPYRIGHT 2020 SCHENKEL & SHULTZ INC. SEE WWW.SCHENKELSHULTZ.COM/COPYRIGHT FOR POLICY AND INFORMATION
s or max 0.125 s or max 1/2 ds (Item 5)	INFORVIATION PURSUANT TO SECTION 102 OF THE COPYRIGHT ACT, 17 U.S.C., ALL CONCEPTS, IDEAS, DESIGNS, ARRANGEMENTS, DRAWINGS, AND PLANS INDICATED OR REPRESENTED BY THIS DOCUMENT ARE COPYRIGHTED BY SCHENKEL & SHULTZ INC. AS SUCH ALL CONCEPTS, IDEAS, DESIGNS, ARRANGEMENTS, DRAWINGS, AND PLANS INDICATED OR REPRESENTED BY THIS DOCUMENT ARE OWNED BY AND THE PROPERTY OF SCHENKELSHULTZ
discs or tabs Grade "C".	AND WERE CREATED, EVOLVED AND DEVELOPED FOR IT'S OWN USE. NONE OF THE IDEAS, DESIGNS, ARRANGEMENTS, OR PLANS SHALL BE USED BY OR DISCLOSED TO ANY PERSON, ARCHITECTURAL OR ENGINEERING FIRM, CONSTRUCTION FIRM, SUBCONTRACTING FIRM, SUPPLIER, OR CORPORATION FOR ANY PURPOSE WHATSOEVER WITHOUT THE WRITTEN PERMISSION OF SCHENKEL & SHULTZ INC. PURSUANT TO
en strips, 2 in.	SECTION 102 OF THE COPYRIGHT ACT, 17 U.S.C., PROTECTION FOR AN ARCHITECTURAL WORK CREATED AS A WORK MADE FOR HIRE ON OR AFTER DECEMBER 1, 1990, LASTS FOR 95 YEARS FROM THE DATE OF PUBLICATION OF THE WORK OR FOR 120 YEARS FROM THE DATE OF CREATION OF THE UNPUBLISHED PLANS, WHICHEVER TERM IS LESS.
e face of on an head steel	WARNING: REPRODUCTION HEREOF IS A CRIMINAL OFFENSE UNDER SECTION 102 OF THE COPYRIGHT ACT, 17 U.S.C.; 18 U.S.C. SEC. 506. UNAUTHORIZED DISCLOSURE MAY CONSTITUTE TRADE SECRET MISAPPROPRIATION IN VIOLATION OF I.C.24-2-31-1 ET. SEQ. AND OTHER LAWS. THE CONCEPTS, IDEAS, DESIGNS, ARRANGEMENTS, DRAWINGS, AND PLANS DISCLOSED ARE COPYRIGHTED AND HEREIN MAY BE PATENTED OR BE THE SUBJECT OF DRAWINGS, AND PLANS DISCLOSED ARE COPYRIGHTED AND HEREIN MAY BE PATENTED OR BE THE SUBJECT OF DRAWINGS, AND PLANS DISCLOSED ARE THIC THE INFORM THE TO ETHIC CONVENT DISCLOSED AND LEAST
with one p. Lead	PENDING PATENT APPLICATION. ANYONE VIOLATING THE INTENT OF THIS COPYRIGHT PROTECTION WILL BE PROSECUTED TO THE FULL EXTENT OF THE FEDERAL STATE AND LOCAL LAWS. WRITTEN DIMENSIONS ON THESE DOCUMENTS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND
n QQ-L-201f,	THIS OFFICE MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. SHOP DRAWINGS AND OR DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR REVIEW BEFORE PROCEEDING WITH FABRICATION.
by max 0.140	
ls. Lead discs Grades "B, C	
n Mark for Canada),	
ated on 2019-01-23	
	ST. LUCIE HIGH SCHOOL DDD
	Port St. Lucie, FL
	St. Lucie
	PUBLIC SCHOOLS
	St. Lucie Public Schools
	9461 Brandywine Ln Port St. Lucie, FL 34986
	ISSUE DATE: 12/16/2022 COMM. NO.: 2022107
	DRAWN BY: RC,SM,AC CHECKED BY: KT
	UL ASSEMBLIES
	G022
	UULL
	- CONSTRUCTION DOCUMENTS



7	8 9 10	11 12
	System F — 2 Hr	
Spaced 24 in. OC perpendicular to studs. Channels secured to studs ped 6 in. and tied together with double strand of No. 18 AWG annels as described in Item 4.	Gypsum panels, with beveled, square or tapered edges, nom 1/2 in. or 5/8 in. thick, 48 in. or 1200 mm wide, applied ver layers. Inner or base layer attached to resilient furring channels (Item 2B) with 1 in. long Type S steel screws spaced 24 i	n. Outer or the installation of the screws. Lead discs or ta
nnels (Item 2Ea) to studs. Clips spaced 24 in. OC., and secured to r through the center hole. Furring channels are friction fitted into	face layer attached to resilient furring channels (Item 2B) with 1-5/8 in. long Type S steel screws spaced 12 in. OC and st from base layer screws. Joints between inner and outer layers staggered 24 in. CGC INC — 1/2 in. Type C, IP-X2, IPC-AR or WRC; 5/8 in. Types AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX	10A. Lead Discs — (Not Shown, for use with
plation Clips - Type A237R	WRX UNITED STATES GYPSUM CO — 1/2 in. Type C, IP-X2, IPC-AR or WRC; 5/8 in. Types AR, C, FRX-G, IP-AR, IP-X1, IP-X2, SGX, SHX, ULIX, ULX, USGX, WRC, WRX.	IPC-AR, SCX, IPC-AR, SCX, IPC-A
with single or double layer systems. Furring channels and Steel RX-G gypsum wallboard, Type RB-LBG (Item 4A), Type Nelco (Item	USG BORAL DRYWALL SFZ LLC — 1/2 in. Type C; 5/8 in. Types C, SCX	required behind vertical joints of lead backed
2-3/8 in. wide by 7/8 in. deep, spaced max. 24 in. OC perpendicular Gypsum board installed vertically only and attached to furring	USG MEXICO S A DE C V — 1/2 in. Types C, IP-X2, IPC-AR or WRC; 5/8 in. Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX USGX, WRC, WRX	front face of stud, the stud folded back flang
nnels (Item 2Da) to studs (Item 2 or 2A). Clips spaced max. 24 in. nimum self-drilling, S-12 steel screw through the center grommet.	System G — 3 Hr Gypsum panels, with beveled, square or tapered edges, nom 5/8 in. thick, 48 in. or 1200 mm wide, applied vertically or three layers. Inner or base layer attached to studs with 1 in. long Type S steel screws spaced 24 in. OC when installed ve OC when installed horizontally. Middle layer attached to studs with 1-5/8 in. long Type S steel screws spaced 24 in. whe	rtically or 16 in n installed
n channels and Steel Framing Members as described below. Not to A), Type Nelco (Item 4B), Type X-Ray Shielded Gypsum (Item 4C), s (Item 7):	vertically or 16 in. OC when installed horizontally. Outer or face layer attached to studs with 2-1/4 in. long Type S steel s 16 in. when installed vertically or 12 in. OC when installed horizontally. Screws offset 6 in. from layer below. Horizontal j adjacent layers staggered a min of 12 in Horizontal joints need not be backed by steel framing. Vertical joints centered and staggered 24 in. on adjacent layers.	oints on
Spaced 24 in. OC perpendicular to studs. Channels secured to studs apped 6 in. and tied together with double strand of No. 18 AWG nannels as described in Item 4.	CGC INC — Types C, IP-X2, IPC-AR, WRC UNITED STATES GYPSUM CO — Types C, IP-X2, IPC-AR, WRC	
nnels (Item 2Ga) to studs. Clips spaced 24 in. OC., and secured to he center hole. Furring channels are friction fitted into clips.	USG BORAL DRYWALL SFZ LLC — Type C	
	USG MEXICO S A DE C V — Types C, IP-X2, IPC-AR, WRC	
nt channels and Steel Framing Members as described below. Not to A), Type Nelco (Item 4B), Type X-Ray Shielded Gypsum (Item 4C), s (Item 7)::	System H — 3 Hr	
, spaced 24 in. OC, and perpendicular to studs. Channels secured to rerlapped 6 in. and secured in place with two No. 8 15 x 1/2 in. nter of the overlap. Gypsum board attached to resilient channels as	Gypsum panels, with beveled, square or tapered edges, nom 5/8 in. thick, 48 in. or 1200 mm wide, applied vertically or two layers over the flange of the "C" section of the studs, one layer over the flange of the "H" section of the studs. Inner attached to studs with 1 in. long Type S steel screws spaced 24 in. OC when installed vertically or 16 in. OC when installed Face layer attached to studs with 1-5/8 in. long Type S steel screws spaced 16 in. when installed vertically or 12 in. OC w horizontally. Screws offset 6 in. from layer below. Horizontal joints on adjacent layers staggered a min of 12 in. Horizont not be backed by steel framing. Vertical joints centered over studs and staggered 24 in. on adjacent layers.	r or base layer ed horizontally. /hen installed
annels (Item 2Ha) to studs. Clips spaced 48 in. OC., and secured to he center hole. Resilient channels are secured to clips with one No.	CGC INC — Types C, IP-X2, IPC-AR, WRC	
ance Clip	UNITED STATES GYPSUM CO — Types C, IP-X2, IPC-AR, WRC	
with single or double layer systems. Furring channels and Steel RX-G gypsum board, lead backed gypsum boards (Items 4A-4D), or	USG BORAL DRYWALL SFZ LLC — Type C USG MEXICO S A DE C V — Types C, IP-X2, IPC-AR, WRC	
2-23/32 in. wide by 7/8 in. or 1-1/2 in. deep, spaced max. 24 in. OC ibed in Item b. Gypsum board installed vertically only and attached		
	System I — 4 Hr Gypsum panels, with beveled, square or tapered edges, nom 3/4 in. thick, 4 ft wide (or 1200 mm for metric spacing) wa	llboard with
innels (Item 2Ia) to studs (Item 2 or 2A). Clips spaced max. 24 in. self-drilling, S-12 steel screw through the center grommet. Furring ich Sound Clip or 600 mm (for metric spacing) wide. Panels cut 1 in. less in length of "C-H" studs or the gap between the two 3/4 in. legs of the "E"	square or tapered edges. Total of four layers to be used. First and second (inner) layers applied vertically or horizontally studs. Horizontal joints need not be backed by steel framing. When applied vertically, joints centered over studs and sta 24 in., otherwise all joints staggered min 12 in. First layer secured to studs with 1-1/4 in. long Type S self-drilling, self-tapping be steel screws spaced 24 in. OC. Second layer secured to studs with 2-1/4 in. long Type S self-drilling, self-tapping b steel screws spaced 12 in. OC. Third layer applied vertically over the furring channels (Item 2C) with a 1-1/4 in. long Type drilling, self-tapping bugle-head steel screws spaced 12 in. OC. Fourth layer applied vertically or horizontally with 2-1/4 self-drilling, self-tapping bugle-head steel screws spaced 12 in. OC. When applied vertically, joints to be staggered min third layer, otherwise all joints staggered min 12 in.	over the steel aggered min pping bugle- bugle-head e S self- in. long Type S
runners with 1-5/8 in. long Type S steel screws spaced not greater panel may be butted to extend to the full height of the wall. butt joints in liner panels are staggered min 36 in. Butt joints (Item 4). Wallboard strips centered over butt joints and secured to	CGC INC — Types IP-X3 or ULTRACODE UNITED STATES GYPSUM CO — Types IP-X3 or ULTRACODE	
s along the 22 in. dimension at the top and bottom of the strips.	USG BORAL DRYWALL SFZ LLC — Type ULTRACODE	
	USG MEXICO S A DE C V — Types IP-X3 or ULTRACODE	
	4A. Gypsum Board* — (As an alternate to Item 4 Systems A, B, C, D, E, G, H, and I when used as the base layer, For dire only) — Nom 5/8 in. or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertical joints centered over 20 MSG steel studs and staggered min 1 stud cavity on opposite sides of studs. See Items 1, 2, 2A, Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the Compound see Item 5. To be used with Lead Batten Strips (see Item 9) or Lead Discs or Tabs (see Item 10). RAY-BAR ENGINEERING CORP — Type RB-LBG	ly. Vertical 2B and 2D.
A — 1 Hr n. thick, 48 in. or 1200 mm wide, applied vertically or horizontally, when installed vertically or 8 in OC when installed horizontally.	4B. Gypsum Board* — (As an alternate to Item 4 Systems A, B, C, D, E, G, H, and I when used as the base layer, For dire	
X, USGX, WRC, WRX	only) — Nominal 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Ver centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 S-12 (or #6 by 1-1/4 in. long bugle head fine driller) steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. NEW ENGLAND LEAD BURNING CO INC, DBA NELCO — Type Nelco	in. long Type
, IP-X2, IPC-AR, SCX, SGX, SHX, ULIX, ULX, WRC, WRX, USGX. When d minimum stud depth is 4 in.	NEW ENGLAND LEAD BORNING CO INC, DDA NELCO — Type Nelco	
	4C. Gypsum Board* — (As an alternate to Item 4 Systems A, B, C, D, E, G, H, and I when used as the base layer, For dire only) — Nom 5/8 or 3/4 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. centered over 20 MSG steel studs and staggered min 1 stud cavity on opposite sides of studs. See Items 1, 2, 2A, 2B and	Vertical joints d 2D.
ar, scx, shx, ulx, usgx, wrc, wrx B — 2 Hr	Wallboard secured to studs with 1-1/4 in. long Type S-12 steel screws spaced 8 in. OC at perimeter and 12 in. OC in the Compound see Item 5. To be used with Lead Batten Strips (see Item 9A) or Lead Discs (see Item 10A). Lead batten strips behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, mi 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 head steel screws, one at the top of the strip and one at the bottom of the strip. MAYCO INDUSTRIES INC — Type X-Ray Shielded Gypsum	s required n 2 in. wide,
n. or 5/8 in. thick, 48 in. or 1200 mm wide, applied vertically or h 1 in. long Type S steel screws spaced 24 in. OC when installed er attached to studs with 1-5/8 in. long Type S steel screws spaced ayer screws or 8 in. OC when installed horizontally and staggered 8 er layers staggered a min of 12 in. Horizontal joints need not be	4D. Gypsum Board* — (As an alternate to Item 4 Systems A, B, C, D, E, G, H, and I when used as the base layer, For dire only) — Nom 5/8 in. thick lead backed gypsum panels with beveled, square or tapered edges, applied vertically. Vertica	1922 - 52
aggered 24 in. , C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, USGX, WRC, WRX	centered over studs and staggered min 1 stud cavity on opposite sides of studs. Wallboard secured to studs with 1-1/4 S-12 steel screws gypsum panel steel screws spaced 8 in. OC at perimeter and 12 in. OC in the field. Lead batten strips in behind vertical joints of lead backed gypsum wallboard and optional at remaining stud locations. Lead batten strips, mi	required n 2 in. wide,
r WRC; 5/8 in. Types AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX,	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 ad 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, no diam by max 0.085 in. thick. Compression fitted or adhered over the screw heads. Lead batten strips and discs to have a 99.9% meeting the Federal specification QQ-L-201f, Grade "C".	minal 3/8 in.
SCX, SGX, USGX		
	RADIATION PROTECTION PRODUCTS INC — Type RPP - Lead Lined Drywall	
; 5/8 in. Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX,	5. Joint Tape and Compound — (Not Shown)	
C — 2 Hr	Systems A, B, C, E, F, G, H, I Joints on outer layers of gypsum boards (Item 4 and 4A) covered with paper tape and joint compound. Paper tape and compound may be omitted when gypsum boards are supplied with square edges. Exposed screw heads covered with jo	
n thick, 48 in. or 1200 mm wide, applied vertically or horizontally, ng vertical edges and 12 in. OC in the field when installed vertically horizontally. Horizontal joints need not be backed by steel framing. g per Items 1, 2 and 3. Requires min 3 in. thick mineral wool batts	6. Batts and Blankets*—	
	Systems A, B, E, F, G, H, I (Optional) — Mineral wool or glass fiber batts partially or completely filling stud cavity. Any mineral wool or glass fiber bearing the UL Classification Marking as to Fire Resistance.	batt mineral
	System A With Type ULIX Gypsum Boards Placed in stud cavities, any min. 3-1/2 in. thick glass fiber insulation bearing the UL Classification Marking as to Surface Characteristics and/or Fire Resistance. See Batts and Blankets (BKNV or BZJZ) Categories for names of Classified con	
	Systems C & D Min 3 in. (System C) and min 1-1/2 in. (System D) thick mineral wool batts, friction fitted between the studs and floor ar runners.	nd ceiling
D — 2 Hr a. thick, 48 in. or 1200 mm wide, applied vertically or horizontally, d 24 in. when installed vertically or 16 in. OC when installed b. Requires face layer of 1/2 or 5/8 in. thick cementitious backer	ROCKWOOL — Type AFB THERMAFIBER INC — Type SAFB, SAFB FF	
n 6. X, USGX, WRC, WRX	7. Cementitious Backer Units* — (System D) — Nom 1/2 or 5/8 in. thick panels, square edge, attached to studs over g	The second
, IP-X2, IPC-AR, SCX, SGX, SHX, ULIX, ULX, USGX, WRC, WRX.	wallboard with 1-5/8 in. long, Type S-12, corrosion resistant steel screws spaced 8 in. OC and staggered 8 in. from gyps screws. Joints covered with glass fiber mesh tape. Vertical joints staggered one stud cavity from gypsum wallboard joint joints staggered a min of 12 in. from the gypsum wallboard joints. UNITED STATES GYPSUM CO — Type DCB	2004 48 38
AR, SCX, SHX, ULX, USGX, WRC, WRX	8. Laminating Adhesive* — (Optional, Not Shown) — Used to bond outer layer of Cementitious Backer Units (Item 7) f of Gypsum Board (Item 4) in System D. ANSI A136.1 Type 1 organic adhesive applied with 1/4 in. square notched trowe Adhesives (BYVR) in the Fire Besistance Directory or Adhesives (BUZ) in the Building Materials Directory for names of C	I. See
E — 2 Hr 1. or 5/8 in. thick, 48 in. or 1200 mm wide, applied vertically or	Adhesives (BYWR) in the Fire Resistance Directory or Adhesives (BJLZ) in the Building Materials Directory for names of C companies.	
paced 12 in. OC when installed vertically or 8 in. when installed	9. Lead Batten Strips — (Not Shown, For Use With Item 4A) — Lead batten strips, min 1-1/2 in. wide, max 10 ft long w thickness of 0.125 in. Strips placed on the interior face of studs and attached from the exterior face of the stud with two Type S-12 pan head steel screws, one at the top of the strip and one at the bottom of the strip. Lead batten strips to ha 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead batten strips required behind vertical joints of lead	1 in. long ve a purity of
\R, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, USGX, WRC, WRX /8 in. Types AR, C, FRX-G, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SGX,	gypsum wallboard (Item 4A) and optional at remaining stud locations. Required behind vertical joints. 9A. Lead Batten Strips — (Not Shown, for use with Item 4C) — Lead batten strips, 2 in. wide, max 10 ft long with a max	K thickness of
SCX, SGX, USGX	0.140 in. Strips placed on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head ste at the top of the strip and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw the strip. Lead batten strips to have a purity of 99.5% meeting the Federal specification QQ-L-201f, Grades "B, C or D"	el screws, one at the top of Lead batten
Types AR, C, IP-AR, IP-X1, IP-X2, IPC-AR, SCX, SHX, ULX, USGX,	strips required behind vertical joints of lead backed gypsum wallboard (Item 6) and optional at remaining stud location 10. Lead Discs or Tabs — (Not Shown, For Use With Item 4A) — Used in lieu of or in addition to the lead batten strips	(Item 9) or
	optional at other locations - Max 3/4 in. diam by max 0.125 in. thick lead discs compression fitted or adhered over steel	
7	8 9 10	11 12
		12

4 in. by max 0.125 in. thick lead tabs placed on gypsum boards (Item 4A) underneath screw locations prior to screws. Lead discs or tabs to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C".	6/26/23, 11:15 AM BXUV.X771 UL Product iQ UL Product iQ®	olutions	
lot Shown, for use with Item 4C) — Max 5/16 in. diam by max 0.140 in. thick lead discs compression fitted or rew heads. Lead discs to have a purity of 99.5% meeting the Federal Specification QQ-L-201f, Grades "B, C or D".		•	
ns — (Not Shown, For Use With Item 4B) — Lead batten strips, 2 in. wide, max 10 ft long with a max thickness of on the face of studs and attached to the stud with two min. 1 in. long min. Type S-8 pan head steel screws, one and one at the bottom of the strip or with one min. 1 in. long min. Type S-8 pan head steel screw at the top of strips to have a purity of 99.9% meeting the Federal specification QQ-L-201f, Grade "C". Lead batten strips	 Design/System/Construction/Assembly Usage Disclaimer Authorities Having Jurisdiction should be consulted in all cases as to the particular requirements covering the installation a use of UL Certified products, equipment, system, devices, and materials. Authorities Having Jurisdiction should be consulted before construction. 	and	
cal joints of lead backed gypsum wallboard (Item 4B) and optional at remaining stud locations. t Shown, For Use With Item 4B) — 2 in. wide, 5 in. long with a max thickness of 0.142 in. Tabs friction-fit around stud folded back flange, and the back face of the stud. Tabs required at each location where a screw (that	 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 processing of the provided by the provided by the processing of the provided by the provi	oduct	BE
oards, Item 4B) will penetrate the steel stud. Lead tabs to have a purity of 99.9% meeting the Federal 1f, Grade "C". Lead tabs may be held in place with standard adhesive tape if necessary. s such products shall bear the UL or cUL Certification Mark for	 when here issues arise, it is recommended the inst contact for assistance be the technical service start provided by the promote and acturer noted for the design. Users of fire resistance assemblies are advised to consult the general Guide Informatio each product category and each group of assemblies. The Guide Information includes specifics concerning alternate mater and alternate methods of construction. Only products which bear UL's Mark are considered Certified. 	on for	
ions employing the UL or cUL Certification (such as Canada), respectively. Last Updated on 2019-04-24	BXUV - Fire Resistance Ratings - ANSI/UL 263 Certified for United		
	States BXUV7 - Fire Resistance Ratings - CAN/ULC-S101 Certified for Canad	•	
	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 Criteria and Allowable Variances	•	} {
	Design No. X771 October 26, 2017	•	
	Ratings — 3/4, 1, 1-1/2, 2, 3 and 4 h * Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respective	ly.	
		Feedback	man and the second
	6/26/23, 11:15 AM BXUV.X771 UL Product iQ 1. Steel Pipe or Tube Column — Steel circular pipe with diameter (OD) ranging from a minimum of 3 in. to a maximum of in. with a minimum wall thickness of 3/16 in.	50 COL	
	Steel square or rectangular tube with outside wall dimensions ranging from a minimum 3 in. to a maximum of 32 in. and a minimum thickness of 3/16 in. The A/P ratio of the steel pipe or tube (see Item 2) shall range from 0.18 to 2.0.	wall	
	2. Spray-Applied Fire Resistive Materials* — Applied by mixing with water and spraying in one or more coats to steel surfaces which must be clean and free of dirt, loose scale and oil. Min avg and ind density of 15/14 pcf respectively. Min a and min ind density of 22/19 pcf respectively for Types Z-106, Z-106/G. Min avg and min ind density of 19/18 pcf respectively for Types Z-106, Z-106/G. Min avg and min ind density of 19/18 pcf respectively for Types 7GP and 7HD. For method of density determination, see Design Information Section, preceding these designs. The hourly rating of the structural member is dependent upon the ratio of A/P and the thickness of Spray-Applied Fire Resistive Mater where A is the cross sectional area of the pipe or tube and P is the heated perimeter. The A/P ratio of a circular pipe is determined by:	ive l y	PI Ai B' N Ai Ai Ai Fi Si W
	t (d - t) A/P pipe =	•	
	d Where: d = the outer diameter of the pipe (in.)	•	PE PF WI CC TH
	t = the wall thickness of the pipe (in.) The A/P ratio of a rectangular or square tube is determined by: t (a + b - 2t)		
	A/P tube = a + b	•	
	Where: a = the outer width of the tube (in.) b = the outer length of the tube (in.)	•	
	t = the wall thickness of the tube (in.) The thickness of Spray-Applied Fire Resistive Materials for ratings of 3/4, 1, 1–1/2, 2, 3 and 4 h of a steel pipe or tube can be determine by the equation:	ned	
	R - 0.20 h = 4.43 (A/P)	•	
	Where: R = the hourly rating (hrs). h = the thickness of Spray-Applied Fire Resistive Materials, minimum 1/4 in., maximum 3-7/8 in.	•	
	ARABIAN VERMICULITE INDUSTRIES — Types MK-6/CBF, MK-6/ED, MK-6/HY, MK-6s, Sonophone 1, Sonophone 5, Z-106, Z-106/C GCP KOREA INC — Types MK-6/CBF, MK-6/ED, MK-6/HY, MK-6s, Monokote Acoustic 1, Monokote Acoustic 5, Z-106, Z-106/G.	Feedback	
	PYROK INC — Type LD.	•	
	6/26/23, 11:15 AM BXUV.X771 UL Product iQ SOUTHWEST FIREPROOFING PRODUCTS CO — Types 4, 5, 5EF, 5GP, 5AR, 5GP/AR, 5EF/AR, 5MD/AR, 5MD, 7GP, 7HD, 8EF, 8GP, 8M	иD,	
	9EF, 9GP, 9MD. GCP APPLIED TECHNOLOGIES INC — Types MK-6/HY, MK-6s, Monokote Acoustic 1, Monokote Acoustic 5, RG, Z-106, Z-106/G.		
	* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada),	1	
	respectively.	10-26	} ₽
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R	Design No. 1502	Design No. K501
	September 19, 2017 Unrestrained Assembly Rating - 2 H	January 30, 2008 Nonbearing Horizontal Shaft Ratings — 1 h
	Load Restriction - Limited to the Dead Weight of the Assembly. * Indicates such products shall bear the UL or cUL Certification Mark for urisdictions employing the UL or cUL Certification (such as Canada), respectively.	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
Q	SYSTEM A (1) (2) (3) (5)	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 (such as Canada), respectively.
		(2)
Ρ		
	SYSTEM B	
N		
	1. Peri meter Channels — Used to support steel studs at both ends of wall structure. Min. 6 in. deep with min. 2 in. legs and form ed from min. No. 20 MSG galv. steel (0.0329 in. thick bare metal thickness). Perimeter channels attached to wall structure with fasteners spaced not greater than 24 in. O.C. at both the top and bottom of the vertical leg. Maxim um clear span from vertical leg to vertical leg of the perimeter channels is 8 ft., 2-1/4 in.	
М	2. Steel Studs — Min. 6 in. wide with min. 1-5/8 in. legs containing folded back flanges and formed from min. No. 20 MSG galv. steel (0.0329 in. thick bare metal thickness). Studs to be cut 1/2 in. to 3/4 in. less than the clear span between the vertical legs of the perimeter channels. Studs spaced a max. 16 in. O.C. At each end of the stud, the un-faced side shall be secured to the perimeter channel with one 1/2 in. long pan-head steel screw. Studs are used at each end of the horizontal barrier to terminate the assembly at	
	the adjoining wall. These end studs shall be secured to the adjoining wall in the same manner as the perimeter channels (Item1). 3. Steel Strap — Min 4 in. wide formed from min. No. 20 MSG galv. steel (0.0329 in. thick bare metal thickness). Secured perpendicular to the studs at the centerline of the span using two 1/2 in. long pan-head steel screws. Strips to overlap one full stud	
	bay at splice locations. 4. Gypsum Board* — Three layers of nom. 5/8 in. thick, 46 to 54 in. wide, gypsum board installed with long dimension perpendicular to the steel studs. Base layer installed with end joints in adjacent rows staggered min. 32 in. Boards secured to studs and perimeter channels with 1-1/4 in. long Type S steel screws spaced max. 16 in. O.C. Middle layer installed with end joints in adjacent rows	
L	O.C. Middle layer joints staggered a min. 16 in. from base layer joints Face layer installed with end joints in adjacent rows staggered min. 32 in. Boards secured to the study and perimeter channels with 2-1/4 in. long Type S steel screws spaced max. 12 in. O.C. Face	
	layer joints staggered a min. 16 in. from middle layer joints. AMERICAN GYPSUM CO — Types AGX-1, AG-C, LightRoc.	
K	5. Batts and Blankets* — Two layers of nom. 1-1/2 in. thick mineral wool batts. SYSTEM A Mineral wool batts are loosely laid perpendicular to the top side of the steel stud flanges. Base layer laid with narrow (2ft.) end joints	F−A F−B
	centered over studs. Short end joints in adjacent rows are not staggered. Face layer laid with narrow (2ft.) end joints centered over studs with end joints in adjacent rows not being staggered. Narrow end joints between layers are staggered 16 in., with long end joints staggered 8 in. between layers. SYSTEM B	
	Mineral wool batts are attached mechanically perpendicular to the steel stud flanges. Base layer attached with narrow (2ft.) end joints centered over studs. Short end joints in adjacent rows are not staggered. Face layer attached with narrow (2ft.) end joints centered over studs with end joints in adjacent rows not being staggered. Narrow end joints between layers are staggered 16 in., with long end joints staggered 8 in. between layers.	0
J	UNITED STATES MINERAL PRODUCTS CO, DBA ISOLATEK INTERNATIONAL — Type CB	
	6. Pins and Clinch Shields — Steel pins, 1/8 in. diameter steel wire studs, 4 in. long. Clinch Shields, 2-1/2 in. square, fabricated from min. 30 ga. galvanized steel. SYSTEM A	
	Pins and clinch shields are not required. SYSTEM B Steel pins welded to the flanges of the steel studs, spaced 8 in. OC which results in a pin to be located at each intersection of narrow	
Н	(2 ft.) end and long end joints of the face layer batt and blanket material. While impaling the base layer of batts on the pins, standard office rubber bands (or any other method) can be used to hold the batts in place until the face layer along with clinch shields are installed. One clinch shield installed on each steel pin. 7. Adhesive* — (Optional- Not Required, Not Shown) — May be applied to the joints prior to installation of the batts.	Section A-A
	ISOLATEK INTERNATIONAL — Type CBA	Supporting Structure
G	 8. Joint Tape and Compound — (Optional- Not Required, Not Shown) - Vinyl, dry or premixed joint compound, applied in two coats to joints and screw heads; paper tape, nom. 2 in. wide, embedded in first layer of compound over all joints. * Indicates such products shall bear the UL or cUL Certification Mark for 	Image:
	jurisdictions employing the UL or cUL Certification (such as Canada), respectively. Last Updated on 2017-09-19	
F		waii 4 0000000000000000000000000000000000
		6 9 8 11 7 4 6 Section B-B
E		1. Supporting Structure — Suitable point of attachment for Hanger Rods (Item 2).
		2. Hanger Rod — 6 mm (1/4 in.) diameter galvanized steel rod, threaded full length or at ends only. Hanger Rods are spaced 200 mm (8 in.) from edge and 610 mm (24 in.) OC.
		3. Hanger Connector — L-shaped, width 50 mm (2 in.), fabricated from 2 mm (5/64 in.) thick galvanized steel. Horizontal leg 50 mm (2 in.) with an 8 mm (5/16 in.)
D		diameter hole, connected to Hanger Rod (Item 2) with steel washer and nut. Vertical leg 200 mm (8 in.) with a 14 mm (9/16 in.) diameter hole, connected to Bracket (Item 4) with 9.5 mm (3/8 in.) diameter carriage bolt, steel washer and nut.
		4. Bracket — Galvanized angle, 2.3 mm (3/32 in.) thick. Vertical leg 38 mm (1-1/2 in.) with a 10 mm (3/8 in.) by 25 mm (1 in.) oval hole. Horizontal leg 38 mm (1-1/2 in.) the state for the state 1215 mm (17.51(61)) mm (finite state 1070
0		in.). Length of each angle is 1215 mm (47-51/64 in.) except first angle is 1070 mm (42-1/8 in.). Angles are placed back to back to form a "T" and joined by Bracket Connectors (Item 5) with 9.5 mm (3/8 in.) diameter carriage bolt, rubber washer,
С		steel washer and nut. A 5 mm (13/64 in.) expansion gap is provided at each bracket joint. Brackets are spaced a maximum of 1830 mm (72 in.) OC.
В		
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	5. Bracket Conn fabricated from 2 diameter holes s	2 mm (5/64 in	n.) thick galvar	nized steel, wi					
atings — 1 h method other than the Limit ign Method). For jurisdictions h as Canada, a load restriction BXUV or BXUV7 r cUL Certification Mark for n (such as Canada), respectively.	6. Runner — " J" and 57 mm (2-1/ attached tight to two ends of runn long pan-head se	- shaped, 94 /4 in.), fabricat wall with sho ners to horizot	mm (3-5/8 in ted from 22 N ort leg toward ntal leg of Bra	.) wide with u /ISG galvanize the 15 mm tł	ed steel. Runner nick gypsum bo	rs are oard. Fasten	Work	lesign was eval ing Stress Desi Canada, ates such produ	gn Method). a load restric
	7. Stud — "C" - s mm (5/16 in.) lip, leg of Bracket (Ite C studs are space perimeter is 305	, fabricated fr em 4) with #8 ed 610 mm (2	om 22 MSG g 3 by 10 mm (3	Jalvanized stee 8/8in.) long pa	el. Fastened to n-head self-dri	horizontal lling screws.		6	2
	8. Stud — "CH" - 8 mm (5/16 in.) li studs upon horiz head self-drilling stud center to pe	ip, fabricated ontal leg of B screws. CH s	from 22 MSG Bracket (Item 4 tuds are spac	i galvanized st 4) with #8 by ed 610 mm (2	teel. Fasten two 10 mm (3/8 in.)	o ends of long pan-		-area	
10 1) 3 -	9. Gypsum Boar 610 mm (24 in.) v (Item 8), but edg with 41.3 mm (1- Attached to C stu	widths. Edges e at ceiling st 5/8 in.) long uds with 41.3	are inserted art is attache Type S steel s mm (1-5/8 in	in "H" - shape d to the long crews spaced .) long Type S	ed section of "C leg of "J" - runi 152 mm (6 in.) steel screws sj	-H" studs ner (Item 6) OC. paced 150			4 5
⊢ в	mm (6 in.) OC. G residual width. A a 100 mm (4 in.) long leg of "J" - r spaced 152 mm UNIVERSAL CEMENT CO	fter inserting wide gypsum runner (Item 6 (6 in.) OC.	in "H" - shap liner shim pl	ed section of ' aced tight to v	"C-H" studs (lte wall and attach	em 8), apply ed to the			1
	10. Gypsum Boa studs with end jo (1 in.) long Type mm (6 in.) OC in UNIVERSAL CEMENT CO	oints on studs S steel screws field of board	. Attached to s spaced 15 m d.	both the C ar	nd CH studs wit	h 25.4 mm			3 9 100 100
	11. Batts and Bl a each batt to Gyp Drive one staple mm (2 in.) and de See Batts and Blankets (E	sum Board (It into each cor ensity 24 kg/r	tem 9) with m mer and cente m³ (1.5 lb/cu 1	in. 14.3 mm (S er of the batt. ft).	9/16 in.) long s	teel staples.		Wali	
}////////	12. Batts and Bl a adhered to Gyps joint of Bracket (I lb/cu ft).	um Board (Ite	em 9) with Joi	nt Compound	(ltem 14), to b	ack up butt		////	
	13. Sealant* — U end joints on top and wall. NUCO INC – Self Seal G	o layer gypsur		17 74 850		₽		=	9
7 4 6 13	14. Joint Tape a side shall have vi screw heads. Pap over all joints.	nyl, dry or pre	emixed comp	ound, applied	l in two coats to	o joints and		Wall	00000000 ©
				UL Certificat	Certification ion (such as C			1///	/////
								=	
								Wall	
(4) 6								1/2	6 9

3. Hanger Connector — L-shaped, width 50 mm (2 in.), fabricated from 2 mm (5/64 in.) thick galvanized steel. Horizontal leg 50 mm (2 in.) with an 8 mm (5/16 in.) dia. hole, connected to Rod Hanger (Item 2) with steel washer and nut. Vertical leg 200 mm (8 in.) with a 14 mm (9/16 in.) dia. hole, connected to Bracket (Item 4) with 9.5 mm (3/8 in.) diameter carriage bolt, steel washer and nut.

4. Bracket — Galvanized angle, 2.3 mm (3/32 in.) thick. Vertical leg 38 mm (1-1/2 in.) with a 10 mm (3/8 in.) by 25 mm (1 in.) oval hole. Horizontal leg 38 mm (1-1/2 in.). Length of each angle is 1215 mm (47-51/64 in.) except first angle is 1070 mm (42-1/8 in.). Angles are placed back to back to form a "T" and joined by Bracket Connectors (Item 5) with 9.5 mm (3/8 in.) diameter carriage bolt, rubber washer, steel washer and nut. A 5 mm (13/64 in.) expansion gap is provided at each bracket joint. Brackets are spaced a maximum of 1830 mm (72 in.) OC. 5. Bracket Connector — Length 90 mm (3-9/16 in.), width 30 mm (1-3/16 in.), fabricated from 2 mm (5/64 in.) thick galvanized steel, with two 14 mm (9/16 in.) dia. holes spaced 55 mm (2-3/16 in.) OC.

6. Runner — "J"" - shaped, 94 mm (3-5/8 in.) wide with unequal legs of 25 mm (1 in.) and 57 mm (2-1/4 in.), fabricated from 22 MSG galvanized steel. Runners are attached tight to wall with short leg toward the 15 mm thick gypsum board. Fastened to horizontal leg of Bracket (Item 4) with #8 by 10 mm (3/8 in.) long pan-head self-drilling screws.

7. Stud — "C" - shaped, 65 mm (2-1/2 in.) wide by 35 mm (1-3/8 in.) deep with an 8 mm (5/16 in.) lip, fabricated from 22 MSG galvanized steel. Fastened to horizontal leg of Bracket (Item 4) with #8 by 9.5 mm (3/8in.) long pan-head self-drilling screws. C studs are spaced 610 mm (24 in.) OC, but spacing from first stud center to perimeter is 305 mm (12 in.).

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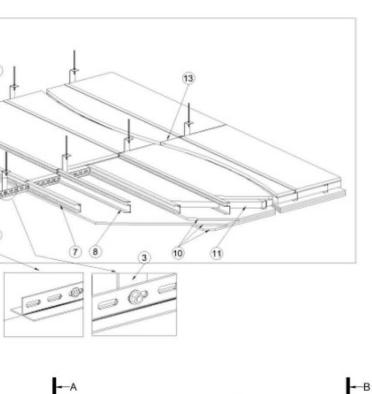
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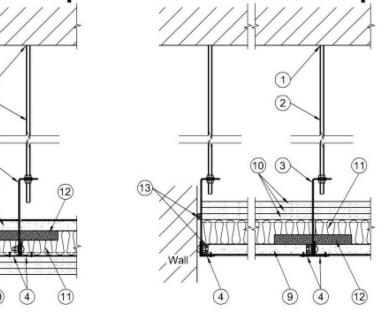
January 30, 2008 nbearing Horizontal shaft Ratings — 2 Hr

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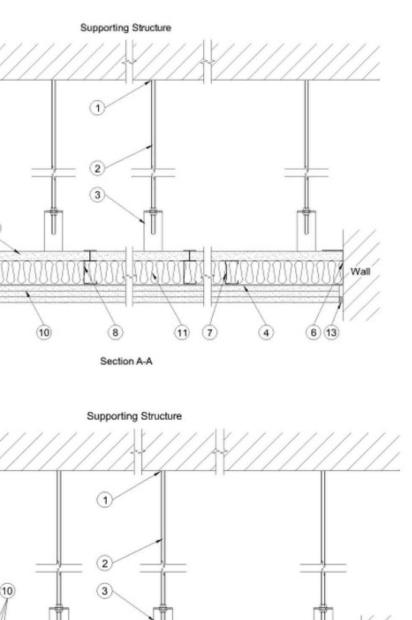
d). For jurisdictions employing the Limit States Design Method, such as riction factor shall be used — See Guide BXUV or BXUV7

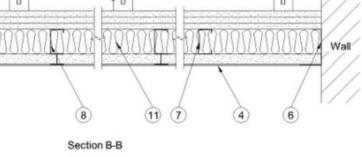
bear the UL or cUL Certification Mark for jurisdictions employing the UL L Certification (such as Canada), respectively.





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1. Supporting Structure — Suitable point of attachment for Hanger Rods (Item 2).

2. Hanger Rod — 6 mm (1/4 in.) diameter galvanized steel rod, threaded full length or at ends only. Hanger Rods are spaced 200 mm (8 in.) from edge and 610 mm (24 in.) OC.

8. Stud — "CH" - shaped, 92 mm (3-5/8 in.) wide by 35 mm (1-3/8 in.) deep with an 8 mm (5/16 in.) lip, fabricated from 22 MSG galvanized steel. Fastened to horizontal leg of Bracket (Item 4) with #8 by 9.5 mm (3/8 in.) long pan-head self-drilling screws. CH studs are spaced 610 mm (24 in.) OC , spacing from first stud center to perimeter is 610 mm (24 in.).

9. Gypsum Board* — 25.4 mm (1 in.) thick. gypsum liner panel supplied in nominal 610 mm (24 in.) widths. Edges are inserted in "H" - shaped section of "C-H" studs (Item 8), but edge at ceiling start is attached to the long leg of "J" - runner (Item 6) with 41.3 mm (1-5/8 in.) long Type S steel screws spaced 152 mm (6 in.) OC. Attached to C studs with 41.3 mm (1-5/8 in.) long Type S steel screws spaced 150 mm (6 in.) OC. Gypsum Liner at end of ceiling is cut 30 mm (1-3/16 in.) less than residual width After inserting in "H" - shaped section of "C-H" studs (Item 8), apply a 100 mm (4 in.) wide gypsum liner shim placed tight to wall and attached to the long leg of "J" - runner (Item 6) with 63.5 mm (2-1/2 in.) long Type S steel screws spaced 152 mm (6 in.) OC. UNIVERSAL CEMENT CORP — Type GB-F

10. Gypsum Board* — 15 mm (5/8 in.) thick. Applied in 3 layers. Base layer attached to both the C and CH studs with 25.4 mm (1 in.) long Type S steel screws spaced 305 mm (12 in.). Middle layer attached with 41.3 mm (1-5/8 in.) long Type S steel screws spaced 305 mm (12 in.). Face layer attached with 63.5 mm (2-1/2 in.) long Type S steel screws spaced 152 mm (6 in.). Side and end joints of adjacent layers are staggered minimum 305 mm (12 in.).

UNIVERSAL CEMENT CORP — Type GB-F, GB-F W/R, GB-S

11. Batts and Blankets* — Glass fiber batts, fitted into each stud cavity. Fasten each batt to Gypsum Board (Item 9) with min. 14.3 mm (9/16 in.) long steel staples. Drive one staple into each corner and center of the batt. Minimum batt thickness 50 mm (2 in.) and density 24 kg/m³ (1.5 lb/cu ft).

See Batts and Blankets (BZJZ) category for names of manufacturers. 12. Batts and Blankets — Ceramic fiber batts, width 200 mm (8 in.). Batts are adhered to Gypsum Board (Item 9) with Joint Compound (Item 14), to back up butt joint of Bracket (Item 4). Min. batt thickness 25 mm (1 in.) and density 96 kg/m³ (6 lb/cu ft).

13. Sealant* — UL labeled intumescent caulking, applied in a 15 mm deep bead in end joints on top layer gypsum board, and at perimeter petween gypsum board and wall.

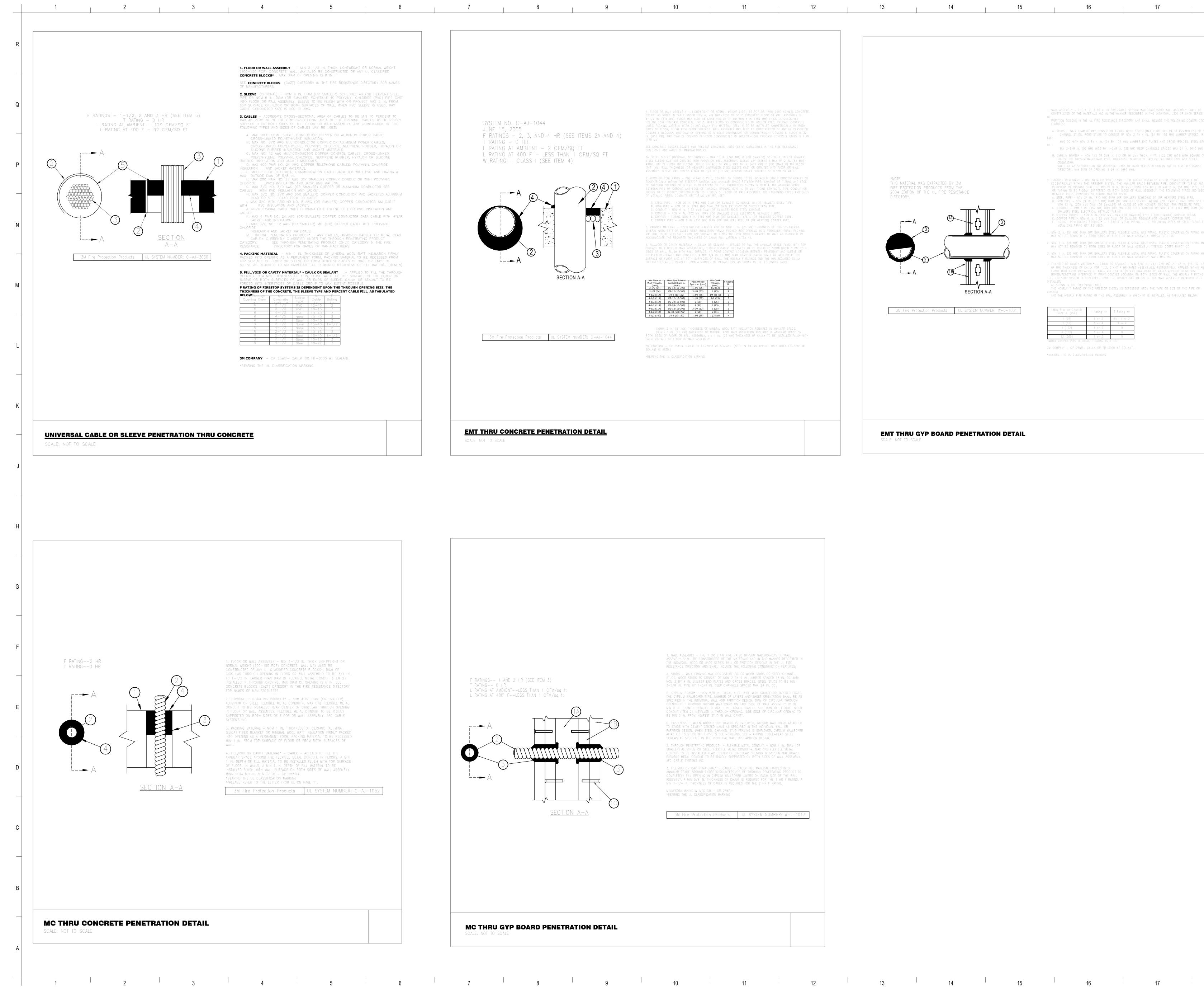
NUCO INC — Self Seal GG-266

14. Joint Tape and Compound — (Not shown) Face layer of finished (downward) side shall have vinyl, dry or premixed compound, applied in two coats to joints and screw heads. Paper tape, 50 mm (2 in.) wide, embedded in first layer of compound over all joints.

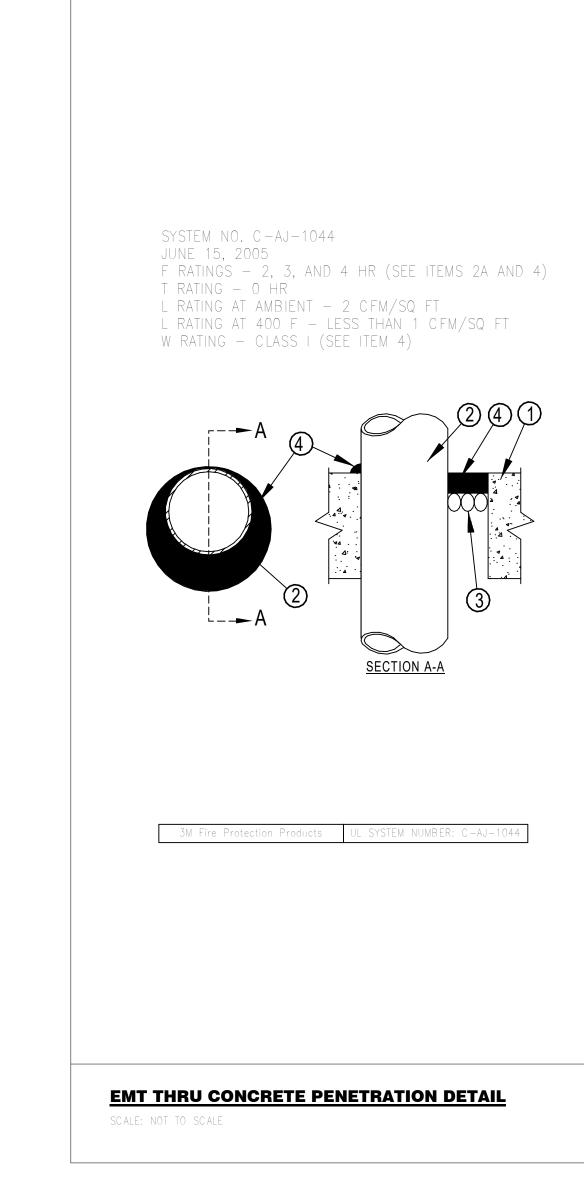
* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.

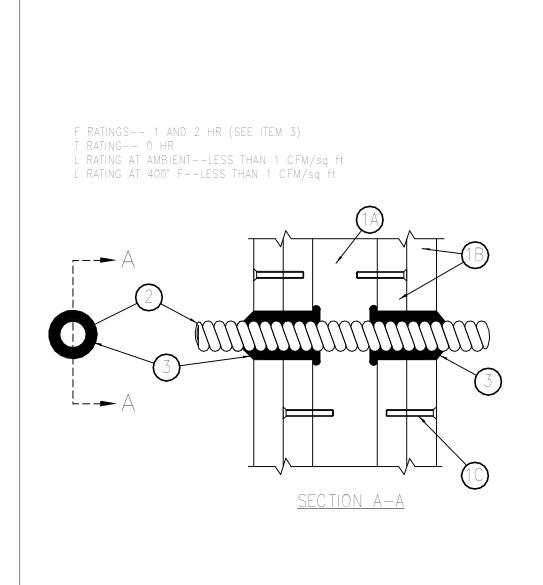
Last Updated on 2008-01-30

	SCHENKELSHULTZ
m (5/16 in.)	200 E. ROBINSON STREET SUITE 300
4) with #8 by OC , spacing	ORLANDO, FL 32801 voice 407-872-3322 fax 407-872-3303
) mm (24 in.)	schenkelshultz.com SS Lic. NoAA-C000937
iling start is I screws el screws	SEE WWW.SCHENKELSHULTZ.COM/COPYRIGHT FOR POLICY AND INFORMATION
than residual in.) wide	
) with 63.5	
both the C Idle layer	
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t to Gypsum corner and	
ît).	
ə Gypsum Min. batt	
oints on top	
shall have ape, 50 mm (2	REVISIONS MARK DESCRIPTION DATE
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	THIS OFFICE MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. SHOP DRAWINGS AND OR DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR REVIEW BEFORE PROCEEDING WITH FABRICATION.
	ST. LUCIE HIGH SCHOOL DDD
	Port St. Lucie, FL
	St. Lucie
	PUBLIC SCHOOLS
	St. Lucie Public Schools 9461 Brandywine Ln Port St. Lucie, FL 34986
	ISSUE DATE: 12/16/2022
	COMM. NO.: 2022107
	DRAWN BY: RC,SM,AC CHECKED BY: KT
	UL ASSEMBLIES
	G024
PHASE III	- CONSTRUCTION DOCUMENTS



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1. WALL ASSEMBLY - THE 1 OR 2 HR FIRE RATED GYPSUM WALLBOARD/STUD WALL ASSEMBLY SHALL BE CONSTRUCTED OF THE MATERIALS AND IN THE MANNER DESCRIBED IN THE INDIVIDUAL U300 OR U400 SERIES WALL OR PARTITION DESIGNS IN THE UL FIRE A. STUDS - WALL FRAMING MAY CONSIST OF EITHER WOOD STUDS OR STEEL CHANNEL

1. FLOOR OR WALL ASSEMBLY - LIGHTWEIGHT OR NORMAL WEIGHT (100-150 PCF OR 1600-2400 KG/M3) CONCRETE. EXCEPT AS NOTED IN TABLE UNDER ITEM 4, MIN THICKNESS OF SOLID CONCRETE FLOOR OR WALL ASSEMBLY IS 4-1/2 IN. (114 MM). FLOOR MAY ALSO BE CONSTRUCTED OF ANY MIN 6 IN. (152 MM) THICK UL CLASSIFIED HOLLOW CORE PRECAST CONCRETE UNITS*. WHEN FLOOR IS CONSTRUCTED OF HOLLOW CORE PRECAST CONCRETE UNITS, PACKING MATERIAL (ITEM 3) AND CAULK FILL MATERIAL (ITEM 4) TO BE INSTALLED SYMMETRICALLY ON BOTH SIDES OF FLOOR, FLUSH WITH FLOOR SUFFACE. WALL ASSEMBLY MAY ALSO BE CONSTRUCTED OF ANY UL CLASSIFIED CONCRETE PLOCKED, MAY DANN OF OPENNIC IS IN SOLD LICHTWEIGHT OR DAILAW DECOTESTE FLOOR STALE

CONCRETE BLOCKS*. MAX DIAM OF OPENING IS IN SOLID LIGHTWEIGHT OR NORMAL WEIGHT CONCRETE. FLOOR IS 32 IN. (813 MM). MAX DIAM OF OPENING IN FLOOR CONSTRUCTED OF HOLLOW-CORE PRECAST CONCRETE UNITS IS 7 IN

1A. STEEL SLEEVE (OPTIONAL, NOT SHOWN) – MAX 15 IN. (381 MM) ID (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL SLEEVE CAST OR GROUTED INTO FLOOR OR WALL ASSEMBLY. SLEEVE MAY EXTEND A MAX OF 2 IN. (51 MM) ABOVE TOP OF FLOOR OR BEYOND EITHER SURFACE OF WALL. MAX 16 IN. (406 MM) ID (OR SMALLER) MIN 0.028 (0.71 MM) WALL THICKNESS (OR HEAVIER) GALVANIZED STEEL SLEEVE CAST OR GROUTED INTO FLOOR OR WALL ASSEMBLY. SLEEVE MAY EXTEND A MAX OF 1/2 IN. (13 MM) BEYOND EITHER SURFACE OF FLOOR OR WALL.

2. INROGRIFICALLY WITHIN THE FIRESTOP SYSTEM. MAX ANNULAR SPACE BETWEEN PIPE, CONDUIT OR TUBING AND EDGE OF THROUGH OPENING OR SLEEVE IS DEPENDENT ON THE PARAMETERS SHOWN IN ITEM 4. MIN ANNULAR SPACE BETWEEN PIPE OR CONDUIT AND EDGE OF THROUGH OPENING IS 0 IN. (0 MM) (POINT CONTACT). PIPE CONDUIT OR TUBING TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF FLOOR OR WALL ASSEMBLY. THE FOLLOWING TYPES AND SIZES

A. STEEL PIPE - NOM 30 IN. (762 MM) DIAM (OR SMALLER) SCHEDULE 10 (OR HEAVIER) STEEL PIPE.

MINERAL WOOL BATT OR GLASS FIBER INSULATION FIRMLY PACKED INTO OPENING AS A PERMANENT FORM. PACKING MATERIAL TO BE RECESSED FROM TOP SURFACE OF FLOOR OR FROM BOTH SURFACES OF WALL AS REQUIRED TO ACCOMMODATE THE REQUIRED THICKNESS OF CAULK FILL MATERIAL (ITEM 4).

4. FILL,VOID OR CAVITY MATERIAL* - CAULK OR SEALANT - APPLIED TO FILL THE ANNULAR SPACE FLUSH WITH TOP SURFACE OF FLOOR. IN WALL ASSEMBLIES, REQUIRED CAULK THICKNESS TO BE INSTALLED SYMMETRICALLY ON BOTH SIDES OF WALL, FLUSH WITH WALL SURFACE. AT POINT CONTACT LOCATION BETWEEN PENETRANT AND SLEEVE OR BETWEEN PENETRANT AND CONCRETE, A MIN 1/4 IN. (6 MM) DIAM BEAD OF CAULK SHALL BE APPLIED AT TOP SURFACE OF FLOOR AND AT BOTH SURFACES OF WALL. THE HOURLY F RATINGS AND THE MIN REQUIRED CAULK THICKNESSES ARE DEPENDENT UPON A NUMBER OF PARAMETERS, AS SHOWN IN THE FOLLOWING TABLE:

(A)MIN 2 IN. (51 MM) THICKNESS OF MINERAL WOOL BATT INSULATION REQUIRED IN ANNULAR SPACE.

(B)MIN 1 IN. (25 MM) THICKNESS OF MINERAL WOOL BATT INSULATION REQUIRED IN ANNULAR SPACE ON BOTH SIDES OF FLOOR OR WALL ASSEMBLY. MIN 1 IN. (25 MM) THICKNESS OF CAULK TO BE INSTALLED FLUSH WITH EACH SURFACE OF FLOOR OR WALL ASSEMBLY.

3M COMPANY - CP 25WB+ CAULK OR FB-3000 WT SEALANT. (NOTE: W RATING APPLIES ONLY WHEN FB-3000 WT

 Min Floor or Wall Thkns In. (mm)
 Nom Pipe Tube or Conduit Diam in. (mm)
 Max Annular Space in. (mm)
 Min Caulk Thkns in. (mm)
 F Rating Hr

 2-1/2 (64)
 1/2-12 (13-305)
 1-3/8 (35)
 1/2 (13)
 2

 2-1/2 (64)
 1/2-12 (13-305)
 3-1/4 (83)
 1 (25)
 2

 4-1/2 (114)
 1/2-6 (13-152)
 1-3/8 (35)
 1/4 (6) (a)
 2

 4-1/2 (114)
 1/2-12 (13-305)
 1-1/4 (32)
 1/2 (13)
 3

 (114)
 1/2-12 (13-305)
 1-1/4 (32)
 1/2 (13)
 3

 (114)
 1/2-20 (13-508)
 2 (51)
 1 (25)
 3

 (114)
 1/2-20 (13-508)
 2 (51)
 1 (25)
 3

 (114)
 1/2-20 (13-508)
 2 (51)
 1 (25)
 3

 (114)
 1/2-20 (13-505)
 3-1/4 (83)
 1 (25)
 3

 (114)
 22-30 (558-762)
 2 (51)
 2 (51)
 3

 114)
 22-30 (558-762)
 2 (51)
 2 (51)
 3

 (140)
 1/2-6 (13-152)
 1-3/8 (35)
 1 (25) (b)
 4

STUDS. WOOD STUDS TO CONSIST OF ENTITIES AND CROSS BRACES. STEEL STUDS TO BE MIN 3-5/8 IN. WIDE BY 1-3/8 IN. DEEP CHANNELS SPACED MAX 24 IN. OC. B. GYPSUM BOARD* - NOM 5/8 IN. THICK, 4 FT. WIDE WITH SQUARE OR TAPERED EDGES. THE GYPSUM WALLBOARD TYPE. NUMBER OF LAYERS AND SHEET ORIENTATION SHALL BE AS SPECIFIED IN THE INDIVIDUAL WALL AND PARTITION DESIGN. DIAM OF CIRCULAR THROUGH OPENING CUT THROUGH GYPSUM WALLBOARD ON EACH SIDE OF WALL ASSEMBLY TO BE MIN O IN. (POINT CONTACT) TO MAX 1 IN. LARGER THAN OUTSIDE DIAM OF FLEXIBLE METAL CONDUIT (ITEM 2) INSTALLED IN THROUGH OPENING. SIDE EDGE OF CIRCULAR OPENING TO

C. FASTENERS – WHEN WOOD STUD FRAMING IS EMPLOYED, GYPSUM WALLBOARD ATTACHED TO STUDS WITH CEMENT COATED NAILS AS SPECIFIED IN THE INDIVIDUAL WALL OR PARTITION DESIGN. WHEN STEEL CHANNEL STUD FRAMING IS EMPLOYED, GYPSUM WALLBOARD ATTACHED TO STUDS WITH TYPE S SELF-DRILLING, SELF-TAPPING BUGLE-HEAD STEEL SCREWS AS SPECIFIED IN THE INDIVIDUAL WALL OR PARTITION DESIGN. 2. THROUGH PENETRATING PRODUCT* - ELEXIBLE METAL CONDUIT - NOM 4 IN DIAM (OR SMALLER) ALUMINUM OR STEEL FLEXIBLE METAL CONDUIT+. MAX ONE FLEXIBLE METAL CONDUCT TO BE INSTALLED NEAR CENTER OF CIRCULAR OPENING IN GYPSUM WALLBOARD. FLEXIBLE METAL CONDUIT TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF WALL ASSEMBLY.

3. FILL,VOID OR CAVITY MATERIAL* - CAULK - CAULK FILL MATERIAL FORCED INTO ANNULAR SPACE AROUND ENTIRE CIRCUMFERENCE OF THROUGH PENETRATING PRODUCT TO COMPLETELY FILL OPENING IN GYPSUM WALLBOARD LAYERS ON EACH SIDE OF THE WALL ASSEMBLY. A MIN 5/8 IN. THICKNESS OF CAULK IS REQUIRED FOR THE 1 HR F RATING. A MIN 1-1/4 IN. THICKNESS OF CAULK IS REQUIRED FOR THE 2 HR F RATING. MINNESOTA MINING & MFG CO - CP 25WB+ *BEARING THE UL CLASSIFICATION MARKING

IL SYSTEM NUMBER: W-L-3M Fire Protection Product

MC THRU GYP BOARD PENETRATION DETAIL

10	4.4	4 5	10	47	
13	14	15	10	1/	

CONSTRUCTED OF THE MATERIALS AND IN THE MANNER DESCRIBED IN THE INDIVIDUAL U300 OR U400 SERIES WALL PARTITION DESIGNS IN THE UL FIRE RESISTANCE DIRECTORY AND SHALL INCLUDE THE FOLLOWING CONSTRUCTION

A. STUDS - WALL FRAMING MAY CONSIST OF EITHER WOOD STUDS (MAX 2 HR FIRE RATED ASSEMBLIES) OR STEEL CHANNEL STUDS. WOOD STUDS TO CONSIST OF NOM 2 BY 4 IN. (51 BY 102 MM) LUMBER SPACED 16 IN. MM) OC WITH NOM 2 BY 4 IN. (51 BY 102 MM) LUMBER END PLATES AND CROSS BRACES. STEEL STUDS TO

MIN 3-5/8 IN. (92 MM) WIDE BY 1-3/8 IN. (35 MM) DEEP CHANNELS SPACED MAX 24 IN. (610 MM) OC. B. GYPSUM BOARD* - NOM 1/2 OR 5/8 IN. (13 OR 16 MM) THICK, 4 FT. (122 CM) WIDE WITH SQUARE OR TAPERED EDGES. THE GYPSUM WALLBOARD TYPE, THICKNESS, NUMBER OF LAYERS, FASTENER TYPE AND SHEET ORIENTATION

1. NOM 2 IN. (51 MM) DIAM (OR SMALLER) STEEL FLEXIBLE METAL GAS PIPING. PLASTIC COVERING ON PIPING MAY OR MAY NOT BE REMOVED ON BOTH SIDES OF FLOOR OR WALL ASSEMBLY. OMEGA FLEX INC

2. NOM 1 IN. (25 MM) DIAM (OR SMALLER) STEEL FLEXIBLE METAL GAS PIPING. PLASTIC COVERING ON PIPING MAY OR MAY NOT BE REMOVED ON BOTH SIDES OF FLOOR OR WALL ASSEMBLY. TITEFLEX CORPA BUNDY CO 3. NOM 1 IN. (25 MM) DIAM (OR SMALLER) STEEL FLEXIBLE METAL GAS PIPING. PLASTIC COVERING ON PIPING MAY OR MAY NOT BE REMOVED ON BOTH SIDES OF FLOOR OR WALL ASSEMBLY. WARD MFG INC

3. FILL,VOID OR CAVITY MATERIAL* - CAULK OR SEALANT - MIN 5/8. 1-1/4.1-7/8 AND 2-1/2 IN. (16, 32, 48 AND 64 MM) THICKNESS OF CAULK FOR 1, 2, 3 AND 4 HR RATED ASSEMBLIES, RESPECTIVELY, APPLIED WITHIN ANNULUS, FLUSH WITH BOTH SURFACES OF WALL. MIN 1/4 IN. (6 MM) DIAM BEAD OF CAULK APPLIED TO GYPSUM BOARD/PEETRANT INTERFACE AT POINT CONTACT LOCATION ON BOTH SIDES OF WALL, THE HOURLY F RATING OF

AND THE HOURLY FIRE RATING OF THE WALL ASSEMBLY IN WHICH IT IS INSTALLED, AS TABULATED BELOW:

UMax Pipe or Conduit Diam in. (mm)	F Rating Hr	T Rating Hr
1 (25)	1 or 2	0+, 1 or 2
1 (25)	3 or 4	3 or 4
4 (102)	1 or 2	0
6 (152)	3 or 4	0
12 (305)	1 or 2	0

3M COMPANY - CP 25WB+ CAULK OR FB-3000 WT SEALANT,

EMT THRU GYP BOARD PENETRATION DETAIL

SECTION A-A

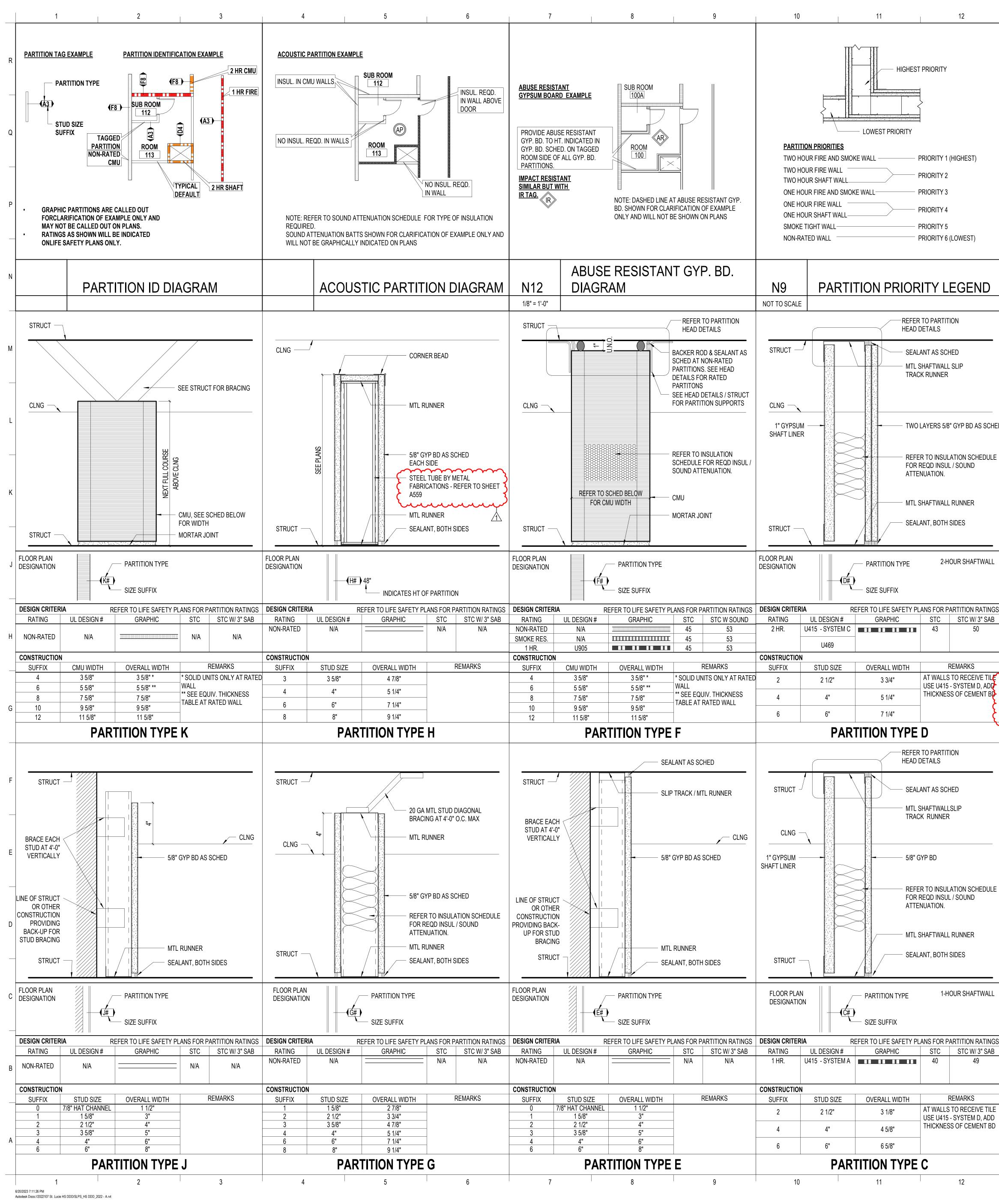
Fire Protection Products UL SYSTEM NUMBER: W-L-

*NOTE

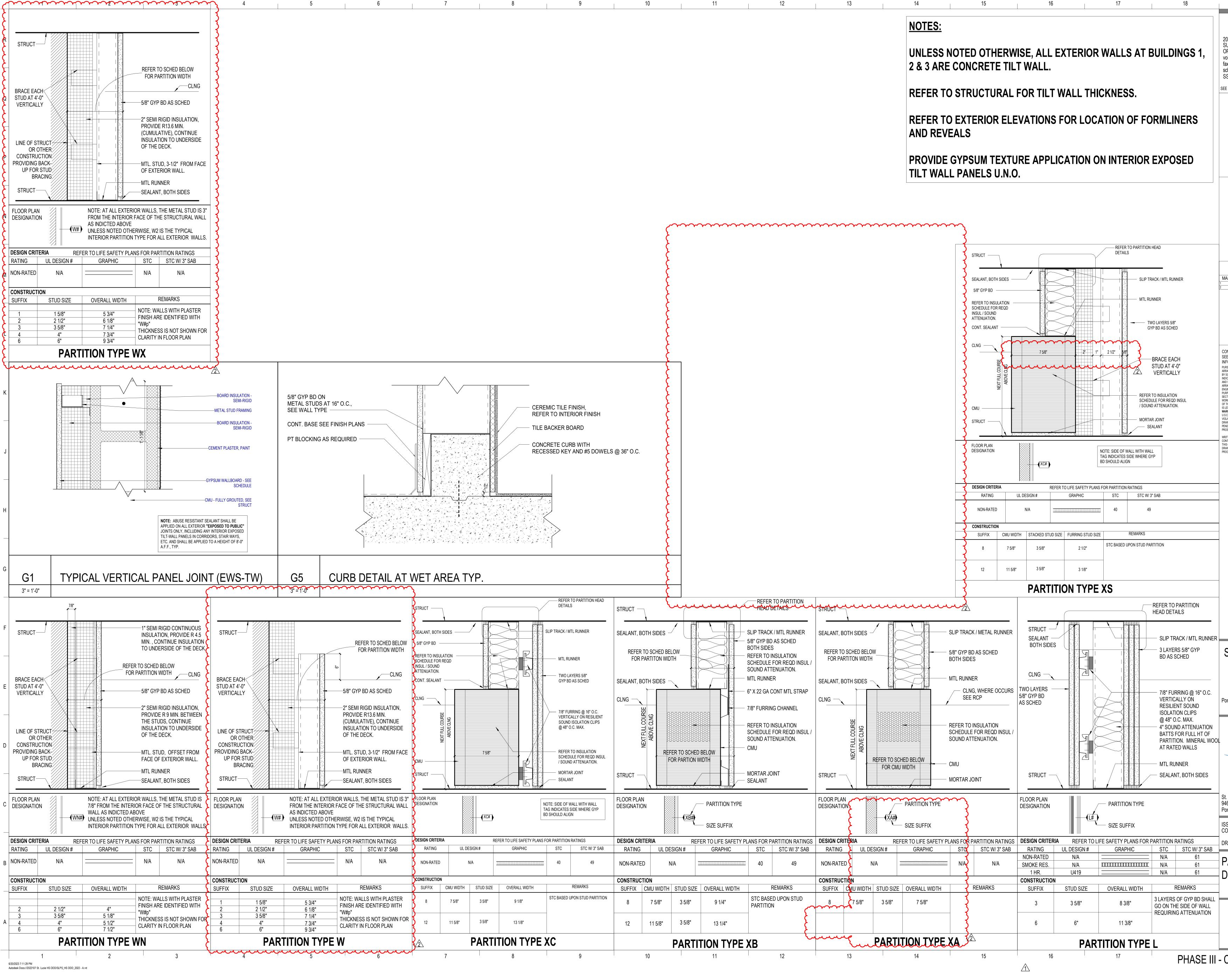
THIS MATERIAL WAS EXTRACTED BY 3M

2004 EDITION OF THE UL FIRE RESISTANCE

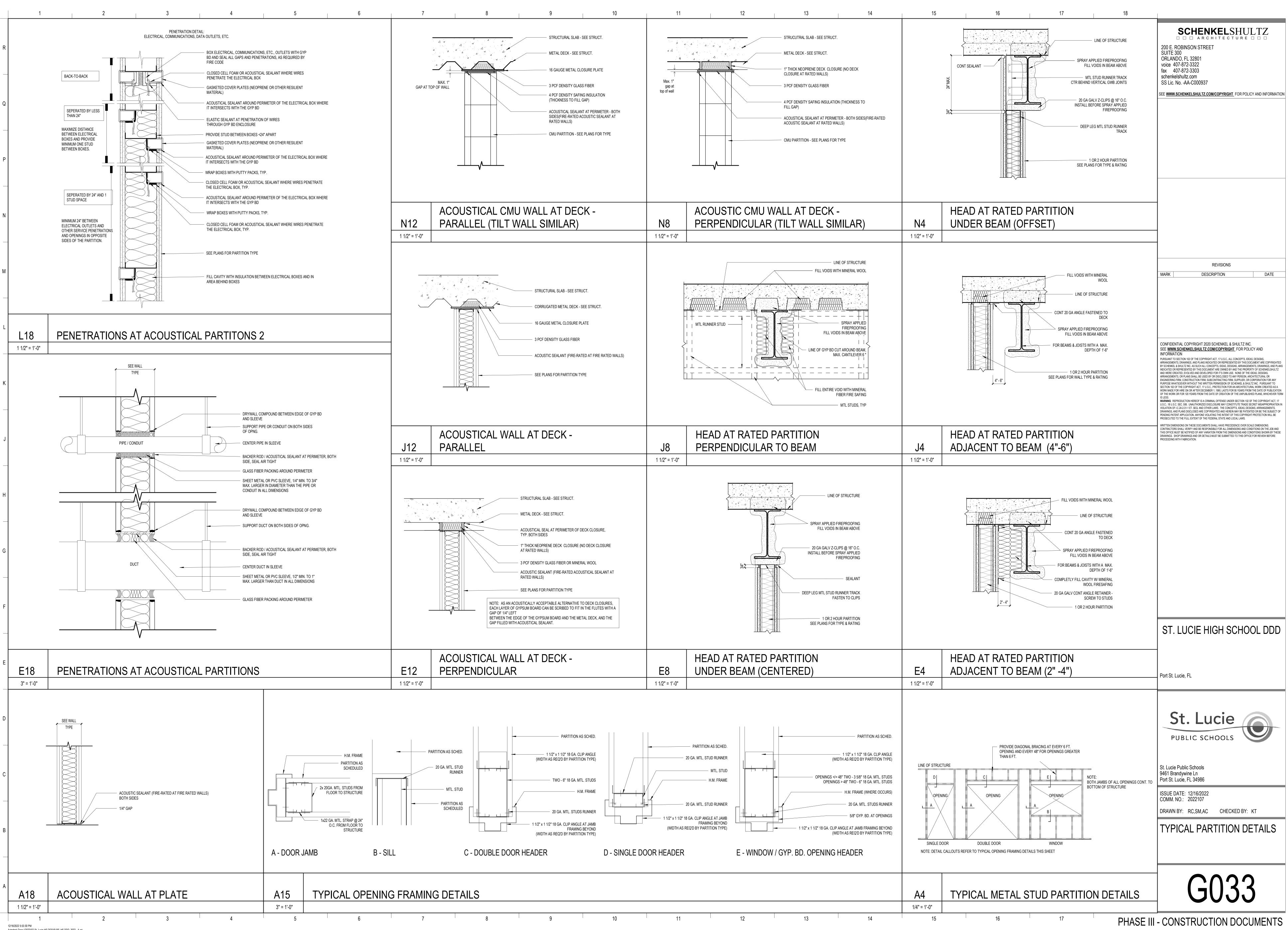
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	200 E. ROBINSON STREET
	SUITE 300 ORLANDO, FL 32801
	voice 407-872-3322 fax 407-872-3303
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	PROCEEDING WITH FABRICATION.
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	Port St. Lucie, FL
	St. Lucie
	PUBLIC SCHOOLS
	St. Lucie Public Schools 9461 Brandywine Ln
	Port St. Lucie, FL 34986
	ISSUE DATE: 12/16/2022 COMM. NO.: 2022107
	DRAWN BY: RC,SM,AC CHECKED BY: KT
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PHASE III	- CONSTRUCTION DOCUMENTS



I	13	14 15	16		17 18	
	TYPE "X" _5/8" GYPSUM BO/		MISCELLANEOUS	S STUFFING	WHERE DETAILED AND/OR NOTED, TO INFILL OPENINGS IN NON-RATED WALLS AROUND PIPES, STRUCTURAL COMPONENTS, CONDUITS AND SIMILAR.	SCHENKELSHULTZ
	5/8" ABUSE RESIS GYPSUM BOARD	STANT REFER TO FLOORPLANS FOR AR TAG. PROVIDE ABUSE RESISTANT GYP. BD. ON ALL WALLS ENCLOSING TAGGED ROOM TO 4'-0" A.F.F. UNLESS NOTED OTHERWISE. SEE ABUSE RESISTANT			TO SEAL TOPS OF NON-RATED MASONRY WALLS TO DECK, AT EXPANSION JOINTS TO INSULATE.	200 E. ROBINSON STREET SUITE 300 ORLANDO, FL 32801
	5/8" IMPACT RESI	DIAGRAM.	UNFACED BATT	INSULATION	WHERE DETAILED AND/OR NOTED, WITHIN STUD CAVITY OF ALL EXTERIOR WALLS WHERE INSULATION IS ENCAPSULATED UNLESS NOTED OR DETAILED OTHERWISE.	voice 407-872-3322 fax 407-872-3303 schenkelshultz.com
	GYPSUM BOARD	IMPACT RESISTANT GYP. BD. ON ALL WALLS ENCLOSING TAGGED ROOM TO 4'-0" A.F.F. UNLESS NOTED OTHERWISE. SEE ABUSE RESISTANT DIAGRAM.	Semi-Rigid Fibe Interior Insul		WHERE DETAILED AND/OR NOTED, AT ALL EXTERIOR WALLS WHERE INSULATION IS NOT ENCAPSULATED UNLESS NOTED OR DETAILED OTHERWISE.	SS Lic. NoAA-C000937 SEE <u>www.schenkelshultz.com/copyright</u> for policy and information
		ND MOLD "WET WALLS" NOT RECEIVING TILE WITH PLUMBING SUM BOARD FIXTURES SUCH AS DRINKING FOUNTAINS, WATER CLOSETS, LAVATORIES, URINALS AND SIMILAR.	SOUND ATTENU BLANKETS (SAB)		WHERE DETAILED AND/OR NOTED, AT ALL NON- RATED PARTITIONS INDICATED TO BE ACOUSTICAL. REFER TO ACOUSTICAL PARTITION SCHEDULE AND PLANS FOR (AP) TAG.	
	1/2 TILE BACKEP		MINERAL WOOL	INSULATION	WHERE DETAILED AND/OR NOTED, AT ALL FIRE RATED PARTITIONS INDICATED TO BE ACOUSTICAL. REFER TO ACOUSTICAL PARTITION SCHEDULE AND PLANS FOR (AP) TAG.	
	BACKER BOARD	SCHEDULED TO RECEIVE TILE BATHTUBS, SHOWERS, SAUNAS, WATER THERAPY, ETC. NOTE: CEMENT BD. SHALL BE APPLIED OVER PARTITIONS WATER RESISTANT OR GLASS MAT GYPSUM BOARD AT RATED WALLS.	SPRAY POLYURI FOAM	ETHANE	WHERE DETAILED AND/OR NOTED, AT ALL MASONRY PARTITIONS INDICATED TO BE ACOUSTICAL. REFER TO ACOUSTICAL PARTITION SCHEDULE AND PLANS FOR (AP) TAG.	
	N6	GYPSUM BD SCHEDULE	N3	INSU	ULATION SCHEDULE	
	NOT TO SCALE	REFER TO PARTITION	NOT TO SCALE			
		HEAD DETAILS		PHIC PAT		REVISIONS
	STRUCT	SLIP TRACK / MTL RUNNER				MARK DESCRIPTION DATE 1 ASI#3 06/20/2023
					• 2 - HOUR	
					■ 3 - HOUR	
D		TWO LAYERS 5/8" GYP BD AS SCHED. JOINTS STAGGERED 24" EACH LAYER AND SIDE.				CONFIDENTIAL COPYRIGHT 2020 SCHENKEL & SHULTZ INC.
		REFER TO INSULATION SCHEDULE FOR REQD INSUL / SOUND				SEE <u>WWW.SCHENKELSHULTZ.COM/COPYRIGHT</u> FOR POLICY AND INFORMATION PURSUANT TO SECTION 102 OF THE COPYRIGHT ACT, 17 U.S.C., ALL CONCEPTS, IDEAS, DESIGNS, ARRANGEMENTS, DRAWINGS, AND PLANS INDICATED OR REPRESENTED BY THIS DOCUMENT ARE COPYRIGHTED DY ADMENTED TO AND A DIAL OF A DECIDING AND PLAND
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		MTL RUNNER		WAL	L RATING LEGEND	SECTION 102 OF THE COPYRIGHT ACT, 17 U.S.C., PROTECTION FOR AN ARCHITECTURAL WORK CREATED AS A WORK MADE FOR HIRE ON OR AFTER DECEMBER 1, 1990, LASTS FOR 95 YEARS FROM THE DATE OF PUBLICATION OF THE WORK OR FOR 120 YEARS FROM THE DATE OF CREATION OF THE UNPUBLISHED PLANS, WHICHEVER TERM IS LESS. WARNING: REPRODUCTION HEREOF IS A CRIMINAL OFFENSE UNDER SECTION 102 OF THE COPYRIGHT ACT, 17 U.S.C. 18 U.S.C. SEC. 506. UNAUTHORIZED DISCLOSURE MAY CONSTITUTE TRADE SECRET MISAPPROPRIATION IN
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	FLOOR PLAN DESIGNATION		SYMBOL DI	ESIGNATIONS	IGUISHED ON FLOOR PLANS BY GRAPHIC AND TWO-PART . THE ALPHANUMERIC SYMBOL INDICATES THE PARTITION C CHARACTER DESIGNATES THE STUD, CMU OR	WRITTEN DIMENSIONS ON THESE DOCUMENTS SHALL HAVE PRECEDENCE OVER SCALE DIMENSIONS. CONTRACTORS SHALL VERIFY AND BE RESPONSIBLE FOR ALL DIMENSIONS AND CONDITIONS ON THE JOB AND THIS OFFICE MUST BE NOTIFIED OF ANY VARIATION FROM THE DIMENSIONS AND CONDITIONS SHOWN BY THESE DRAWINGS. SHOP DRAWINGS AND OR DETAILS MUST BE SUBMITTED TO THIS OFFICE FOR REVIEW BEFORE PROCEEDING WITH FABRICATION.
		B# SIZE SUFFIX	CONCRETE 2 PARTITION	WIDTH. REF S REQUIRED	ER TO THE PARTITION TYPE DIAGRAMS. TO BE SMOKE AND/OR FIRE RESISTANT ARE	
S	DESIGN CRITERIA RATING	III III REFER TO LIFE SAFETY PLANS FOR PARTITION RATINGS UL DESIGN # GRAPHIC STC STC W/ 3" SAB	SMOKE RE 3 FLR, CLNG	SISTANCE LE AND STRUCT	DELINEATED IN THE PARTION TYPE SECTIONS ARE	
	2-HR	U412 50 55	GEOMETRY 4 GYPSUM B	(. OARD TYPES	NOT REFLECT EXACT CONSTRUCTION CONDITIONS OR INDICATED IN THE PARTITION TYPE SECTIONS IS TYPICAL	
	CONSTRUCTION SUFFIX	STUD SIZE OVERALL WIDTH REMARKS	PARTITION RECEIVE 5	LOCATION (E /8" MOISTURE	WISE IN THE GYPSUM BOAD SCHEDULE FOR THE EXAMPLE: A TYPE "A3" PARTITION AT A WET WALL WILL E AND MOLD RESISTANT GYP BD IN LIEU OF 5/8" GYP BD; A	
-	2 3	1 5/8" 2 7/8" 2 1/2" 3 3/4" 3 5/8" 4 7/8"	LIEU OF 5/8	3" GYP BD)	CHEDULED TO RECEIVE TILE WILL HAVE 1/2" TILE BACKER IN EAD DETAILS FOR CONSTRUCTION AT RATED PARTITIONS.	
		<u>4" 5 1/4"</u> <u>6" 7 1/4"</u> <u>8" 9 1/4"</u>	6 ALL DIMEN	SIONS ARE FI	AIL IS NOTE PROVIDED, COORDINATE WITH ARCHITECT. ROM FACE OF STUD TO FACE OF STUD. REFER TO CES FOR PARTITION WIDTH DIMENSIONS UNLESS	
		PARTITION TYPE B	7 SEALANT:	REFER TO TH	VN ON PLANS. E SEALANT SCHEDULE FOR SEALANT TYPES AT ALL ITIONS SHALL HAVE SCHEDULED SEALANT AT THE HEAD.	
		REFER TO PARTITION HEAD DETAILS	SILL, THRU MATERIALS	-PENETRATIC 3.	DNS, OPENINGS AND JUNCTURES WITH DISSIMILAR	
	STRUCT — SEALANT — BOTH SIDES	SLIP TRACK / MTL RUNNER	PARTITION 9 FOR PARTI	S. TONS DESIGN	INSUALTION SCHEDULE FOR INSULATION TYPE AT ALL	
			SET ÍN A C 10 IF NO SYM	ONT BED OF \$ BOL DESIGNA	FULL HEIGHT OF PARTITION U.N.O. FLOOR TRACK TO BE SCHEDULED SEALANT. TION IS PROVIDED, STUD WALLS SHALL BE TYPE A3 AND	ST. LUCIE HIGH SCHOOL DDD
	CLNG —		11 REFER TO	SPECIFICATIO	L BE TYPE F8 ONS FOR MINIMUM STUD THICKNESS, MAXIMUM SPACING NG HEIGHTS AND DEFLECTION CRITERIA FOR GYPSUM	
		5/8" GYP BD AS SCHED. JOINTS STAGGERED 24" EACH LAYER AND SIDE.		STANT AND SM	MOKE RESISTANT SMOKE BARRIER RATINGS ARE TO IGS IN RATED PARTITIONS.	Port St. Lucie, FL
		REFER TO INSULATION SCHEDULE FOR REQD INSUL /	PARTITION	S SHALL EXTE	E RESISTANT AND FIRE RESISTANT SMOKE BARRIER END AND SEAL TO THE INSIDE FACE OF EXTERIOR EXTENSIONS THROUGH SOFFITS.	
		SOUND ATTENUATION.	14 EACH NEW PARTITION	FIRE WALL, F , OR ANY OTH	FIRE BARRIER, FIRE PARTITION, SMOKE BARRIER, SMOKE HER NEW WALL REQUIRED TO HAVE PROTECTED	St. Lucie
		MTL RUNNER	ABOVE AN WORDING,	Y DECORATIV "FIRE AND SM	RMANENTLY IDENTIFIED WITH SIGNS OR STENCILING (E CEILING AND IN CONCEALED SPACES WITH THE MOKE BARRIER - PROTECT ALL OPENINGS." SUCH SIGNS	PUBLIC SCHOOLS
	STRUCT	SEALANT, BOTH SIDES	MORE THA	N 15 FEET ON	BE IN 4 INCH HIGH LETTERS, 1/2 INCH STROKE, AND NOT I CENTER OR AS REQUIRED BY LOCAL CODE - DRAWINGS FOR REINFORCING INFORMATION	
	FLOOR PLAN DESIGNATION		INFORMAT	ION AND BAC	AND TOILET ACCESSORY SHEETS FOR MOUNTING KING REQUIREMENTS. HU FIRE AND/OR SMOKE RATED PARTITION SHALL BE	St. Lucie Public Schools 9461 Brandywine Ln Port St. Lucie, FL 34986
		A# SIZE SUFFIX	SEALED TO SEALANT S) MAINTAIN TH CHEDULE	HE INTEGRITY OF THE PARTITION RATING. REFER TO	ISSUE DATE: 12/16/2022 COMM. NO.: 2022107
S	DESIGN CRITERIA RATING	II II REFER TO LIFE SAFETY PLANS FOR PARTITION RATINGS UL DESIGN # GRAPHIC STC STC W/ 3" SAB	MAINTAIN SCHEDULE	THE INTEGRIT	REQUIRED IN ALL WINDOWS, DOORS AND STOREFRONTS	DRAWN BY: RC,SM,AC CHECKED BY: KT
	NON-RATED SMOKE RES. 1 HR.	N/A 40 49 N/A 40 49 U419 40 49	AT SPACES FINISHED F	S WITH STUDE LOOR (TYPIC	ENTS INTERACTION. THE BULLNOSE START 8" ABOVE CAL) TO 4" OT 6" OF THE CEILING. AT OPENINGS, RUN THE FINUOUS AROUND THE OPENING, AT WINDOWS AND	PARTITION TYPES & NOTES
	CONSTRUCTION SUFFIX	STUD SIZE OVERALL WIDTH REMARKS	STOREFRC HEAD AND	NTS, PROVID JAMBS.	DE AT HEADS, JAMBS AND SILLS, AT DOORS, PROVIDE AT	
-	1 2 3 4	1 5/8" 2 7/8" * * REFER TO UL FOR MIN. 2 1/2" 3 3/4" * GYP BD THICKNESS AND 3 5/8" 4 7/8" REQ'D INSULATION. 4" 5 1/4"	GUARDS.			
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	13	PARTITION TYPE A	16			
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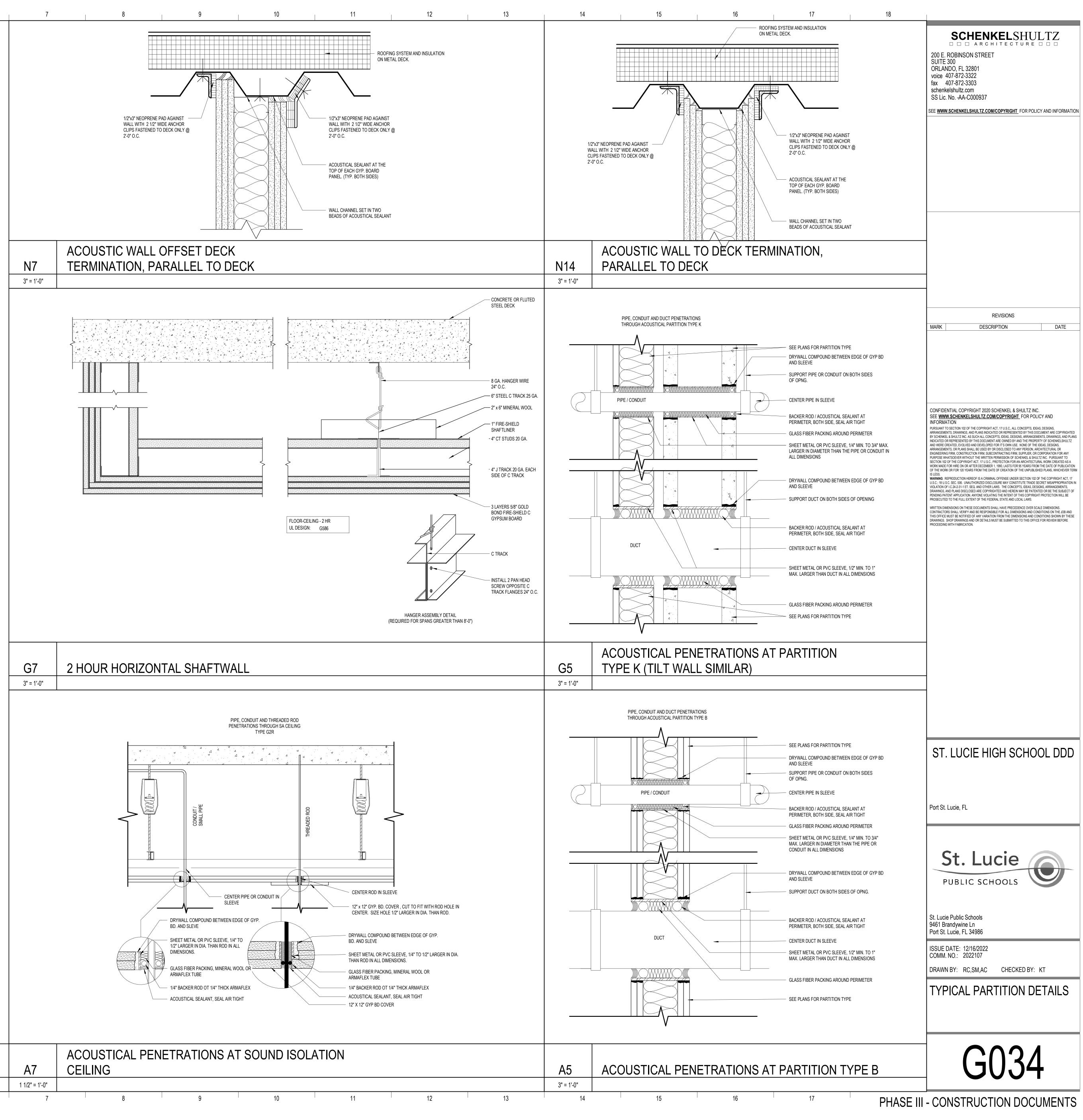
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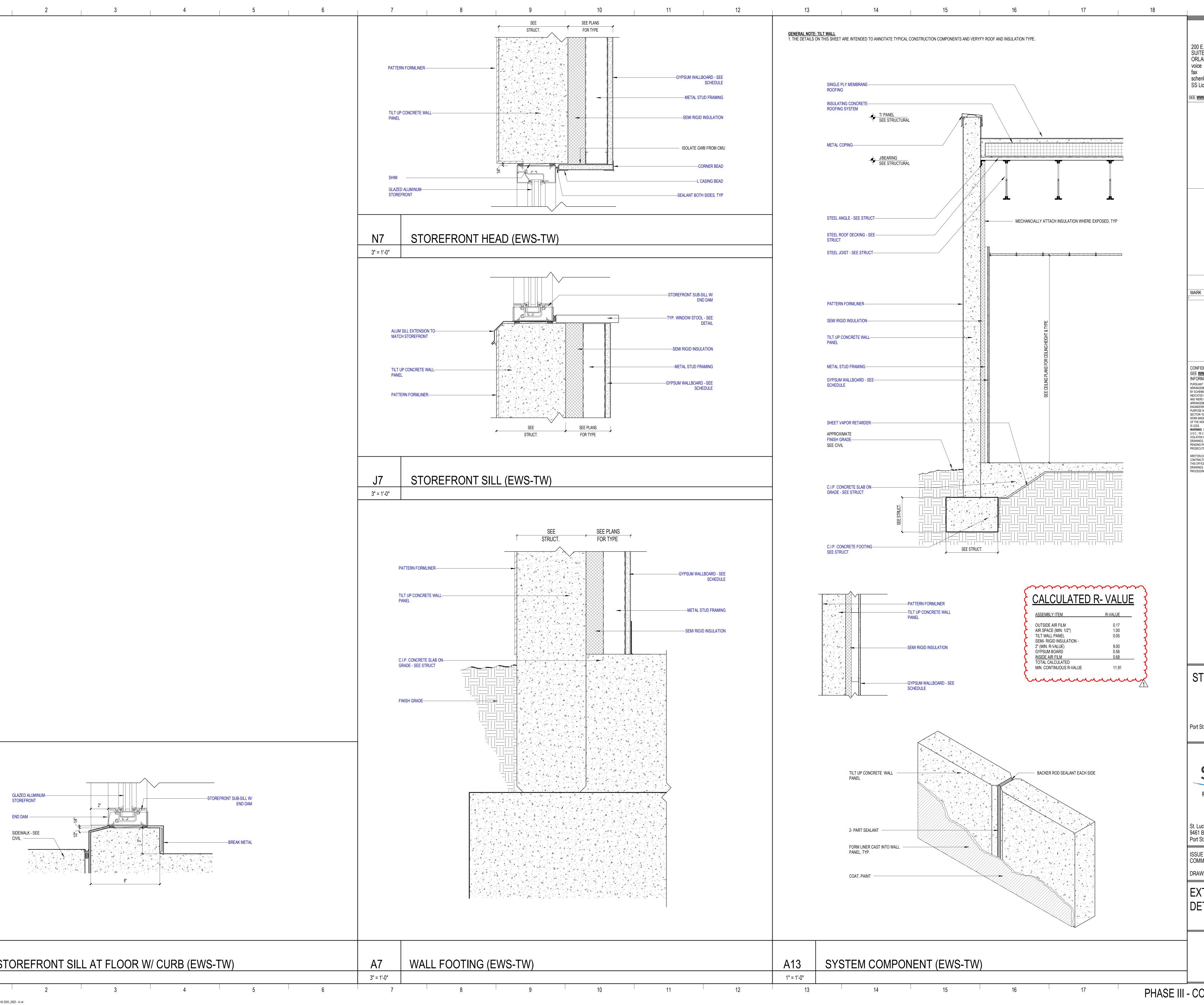
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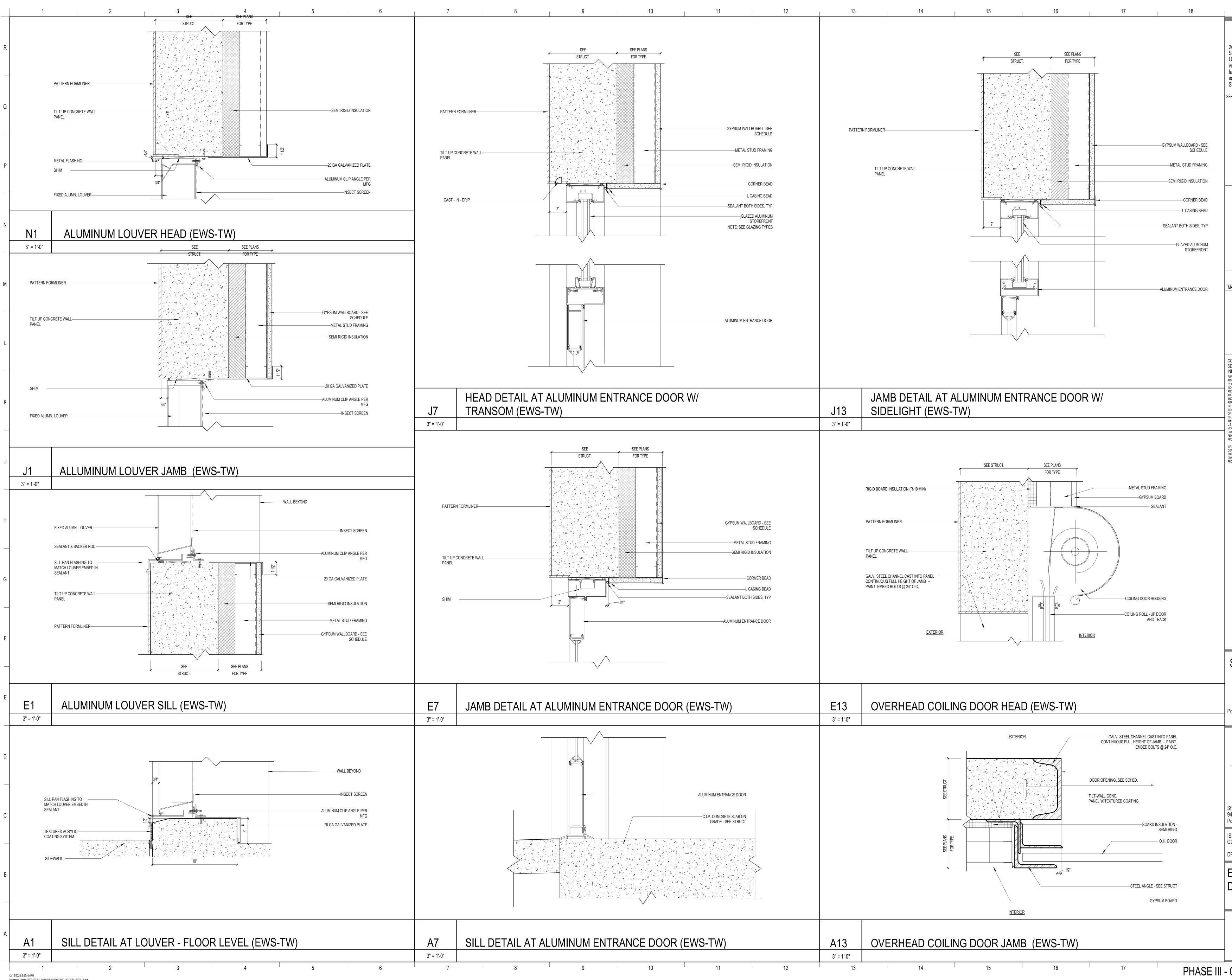




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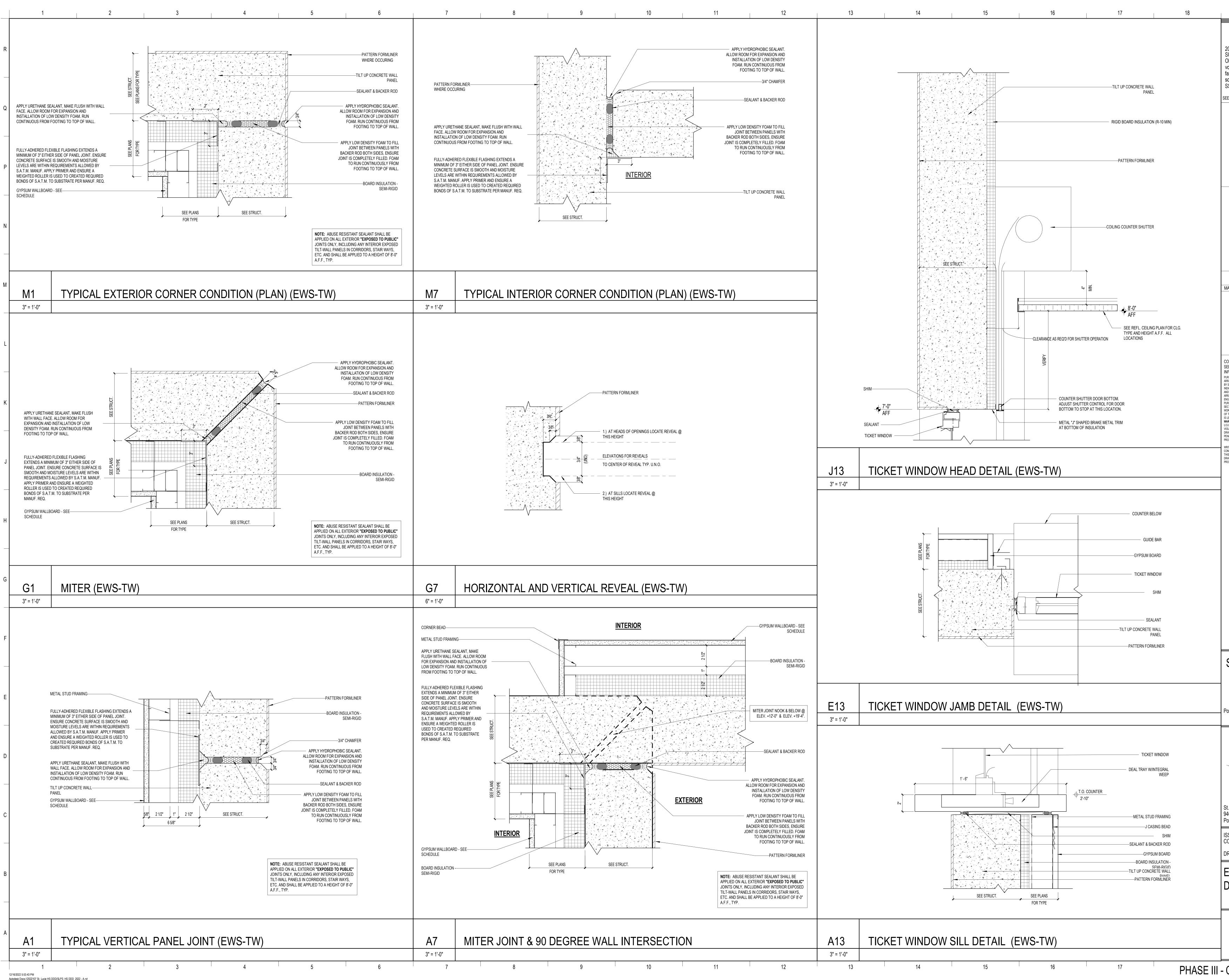


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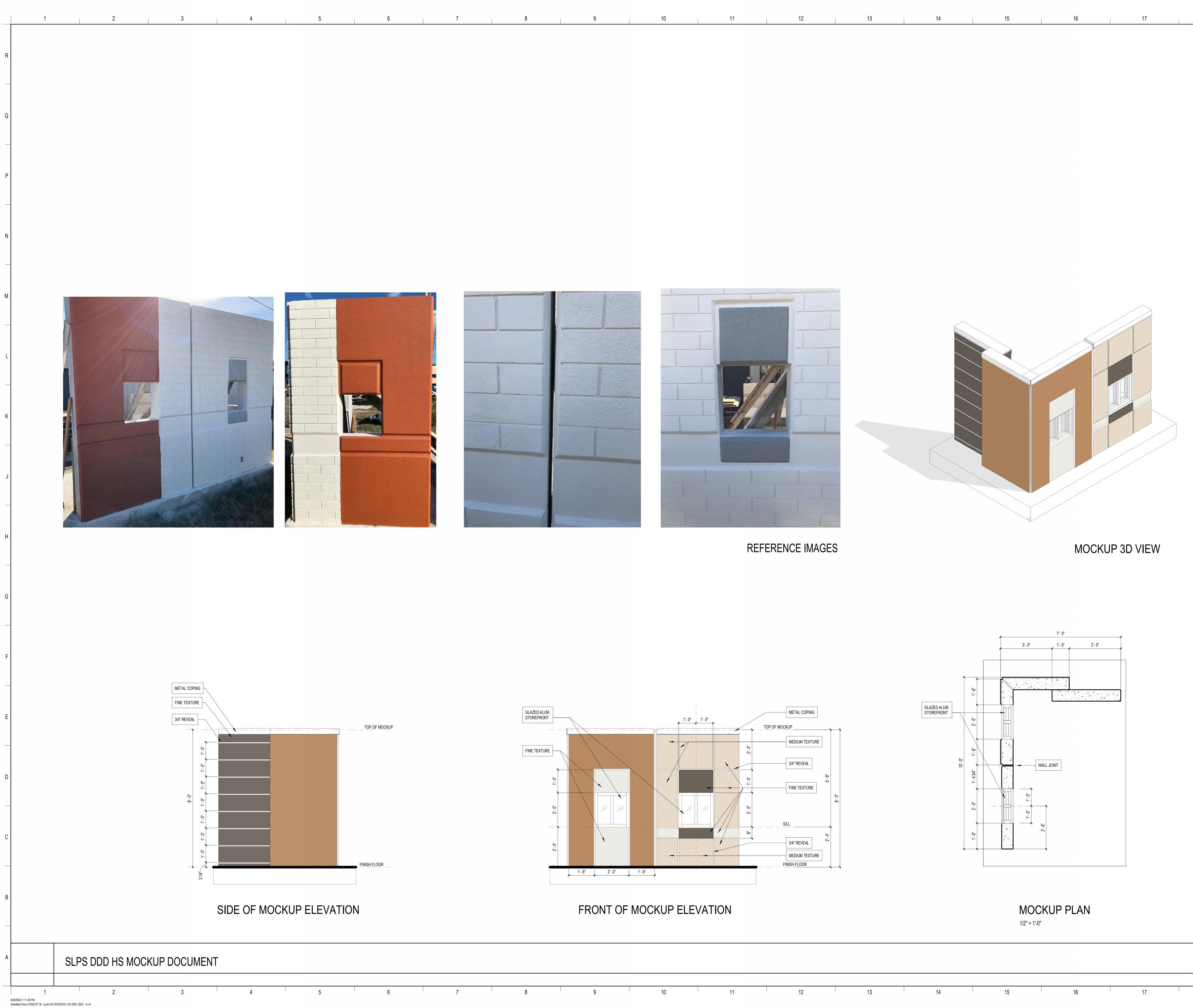
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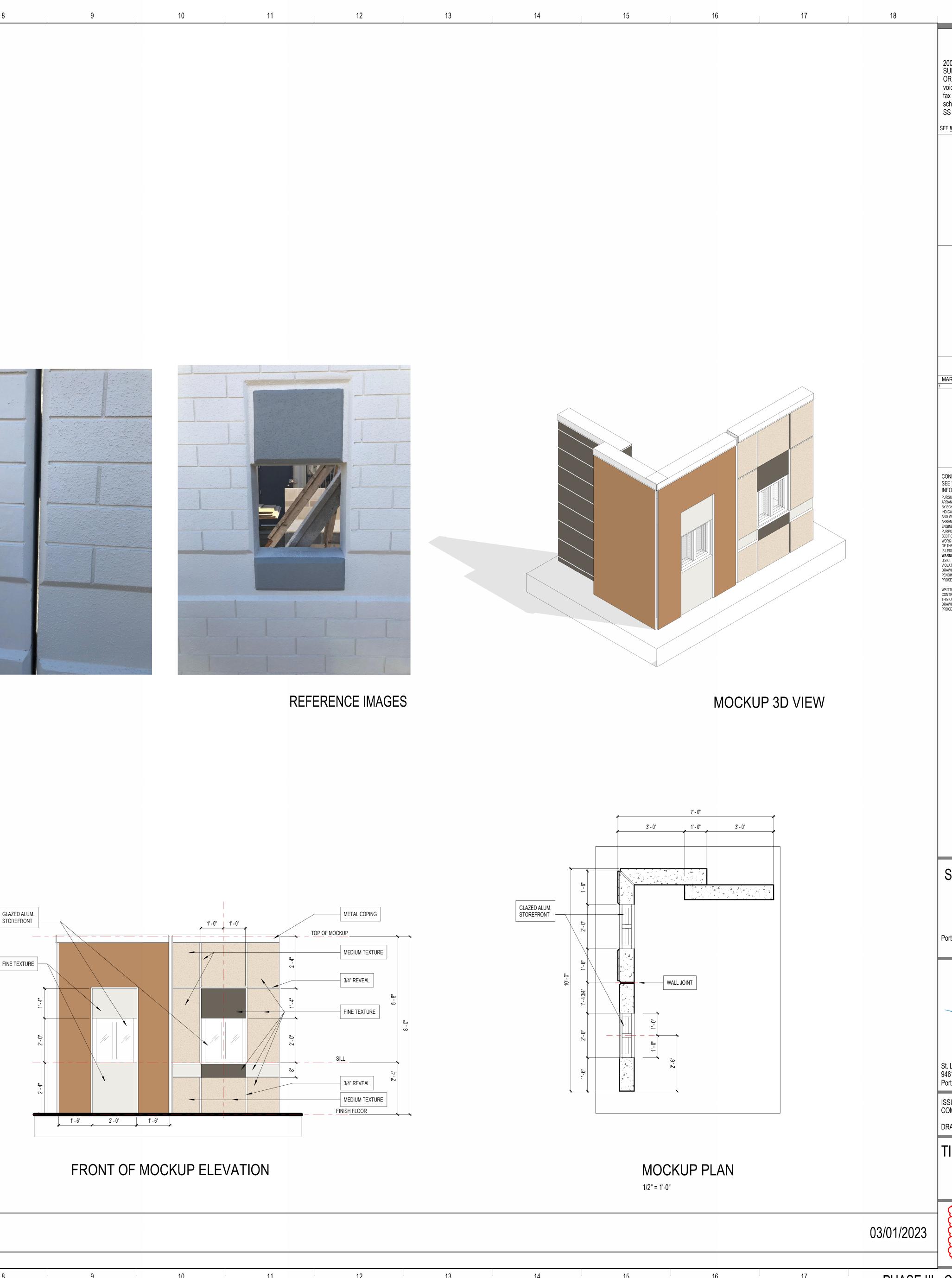
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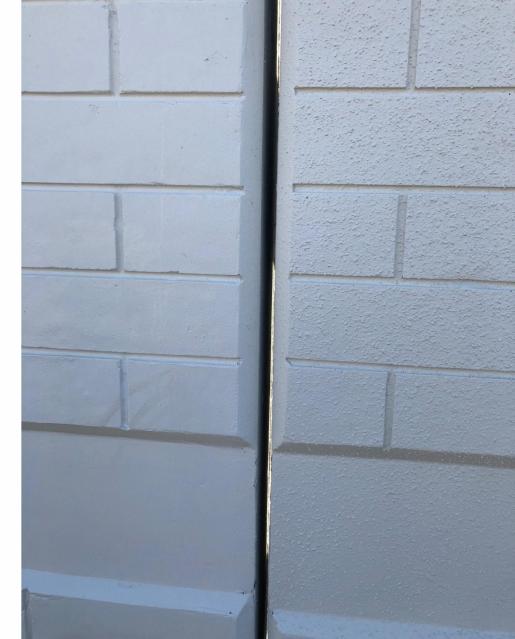


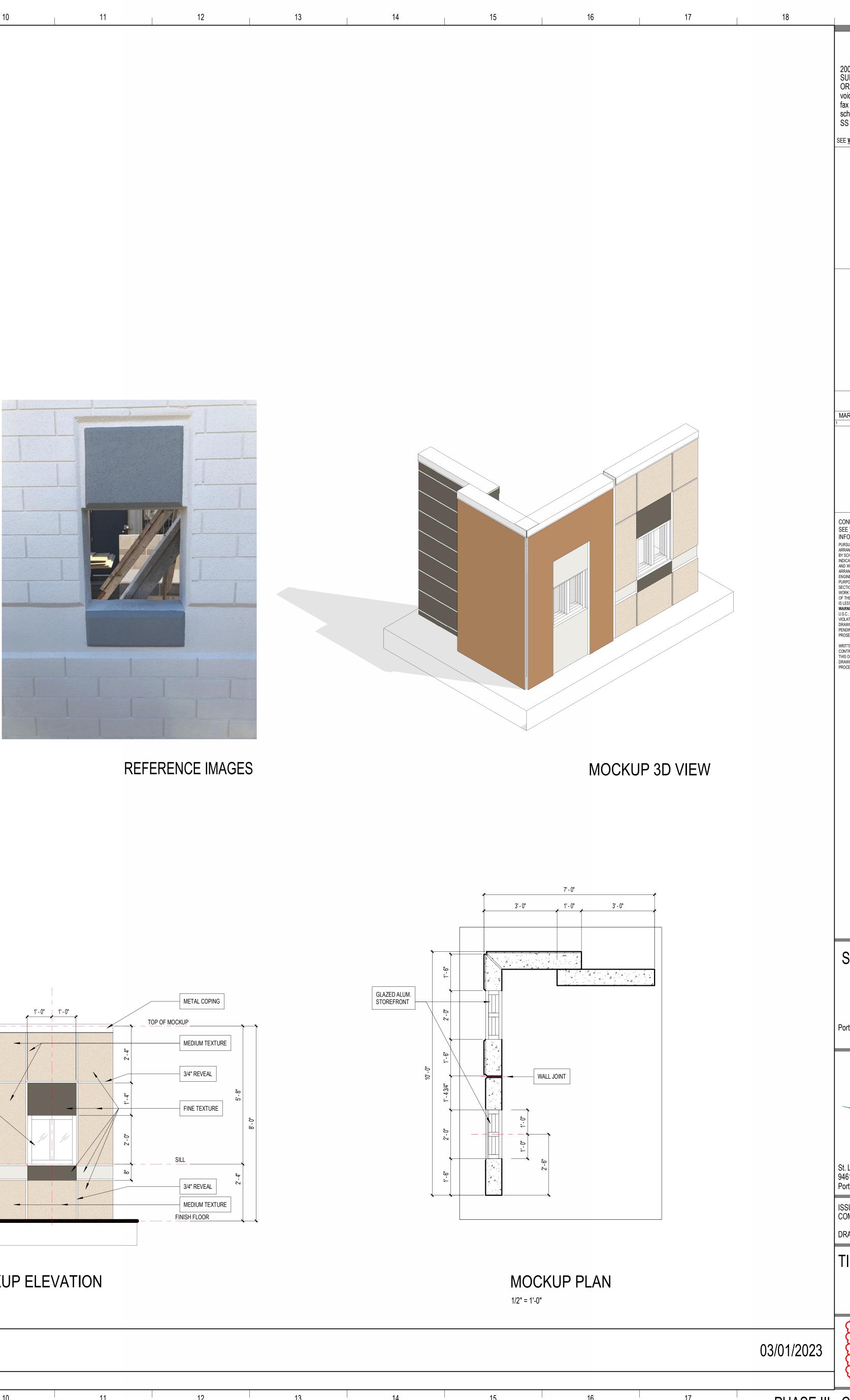
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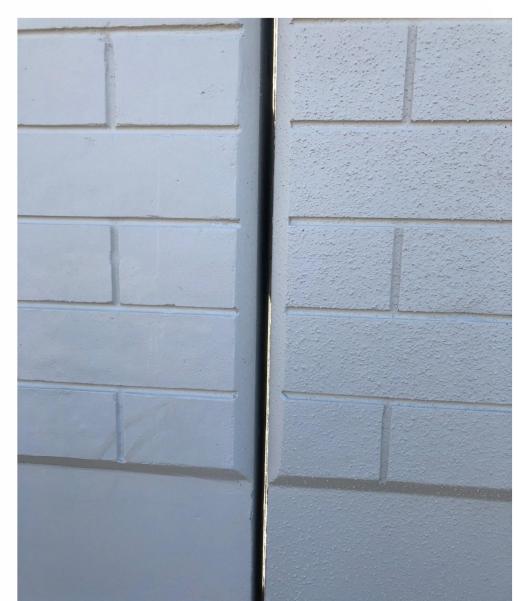




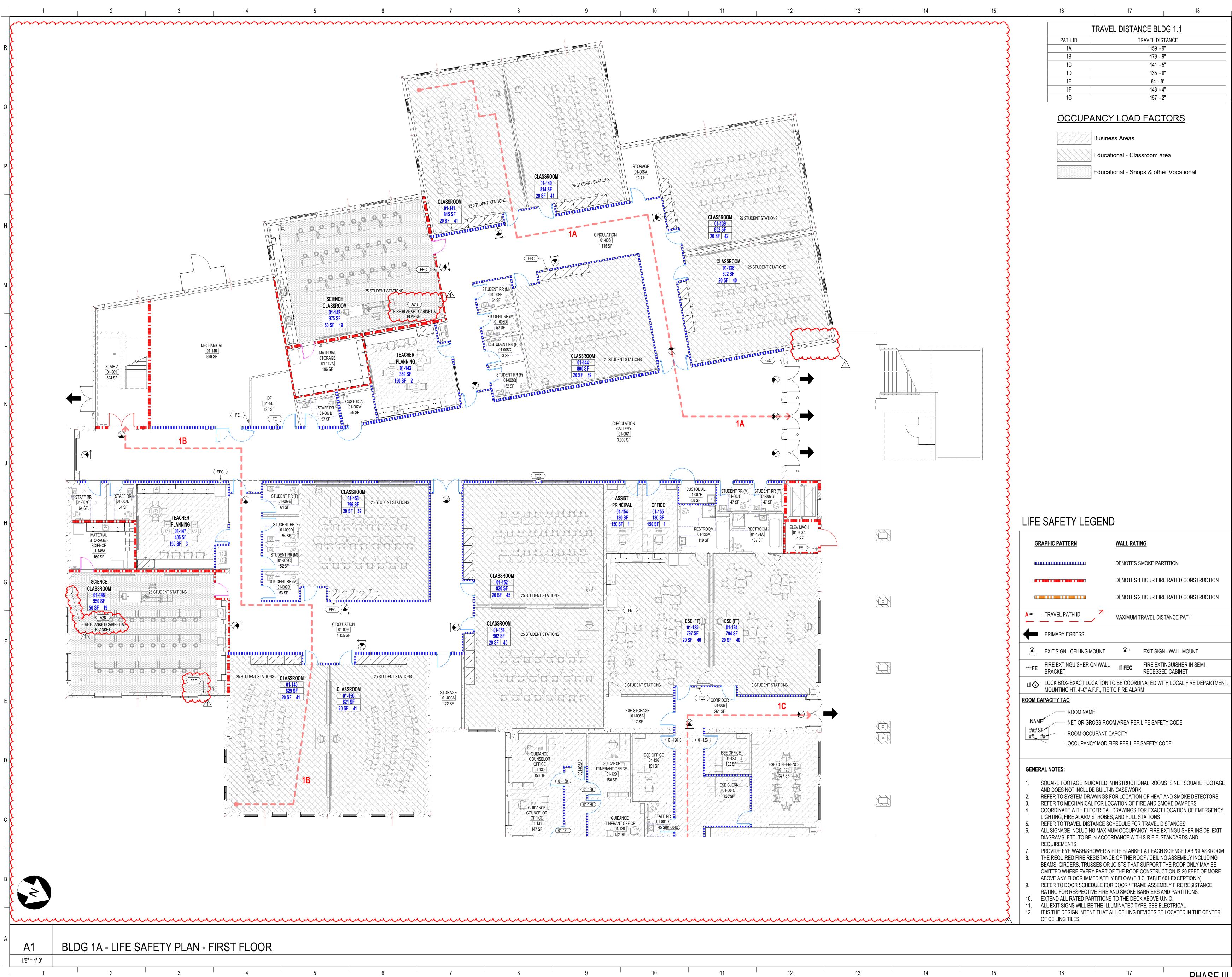




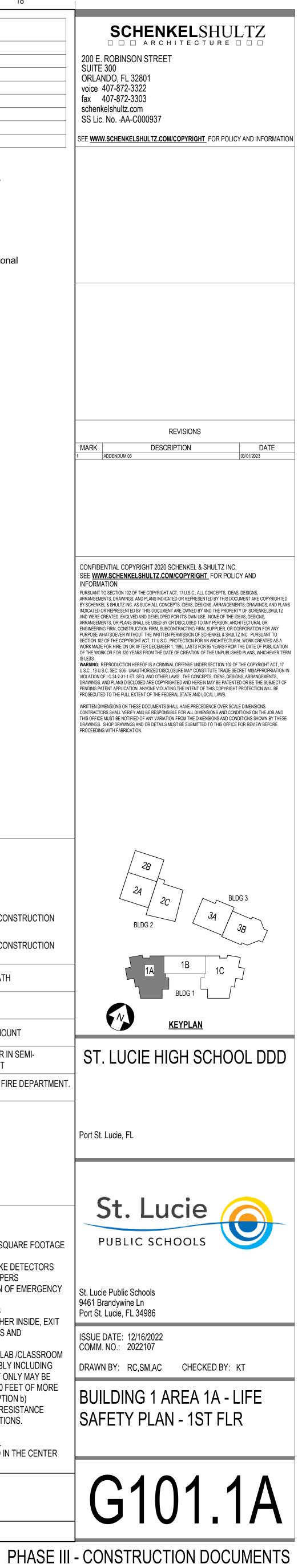


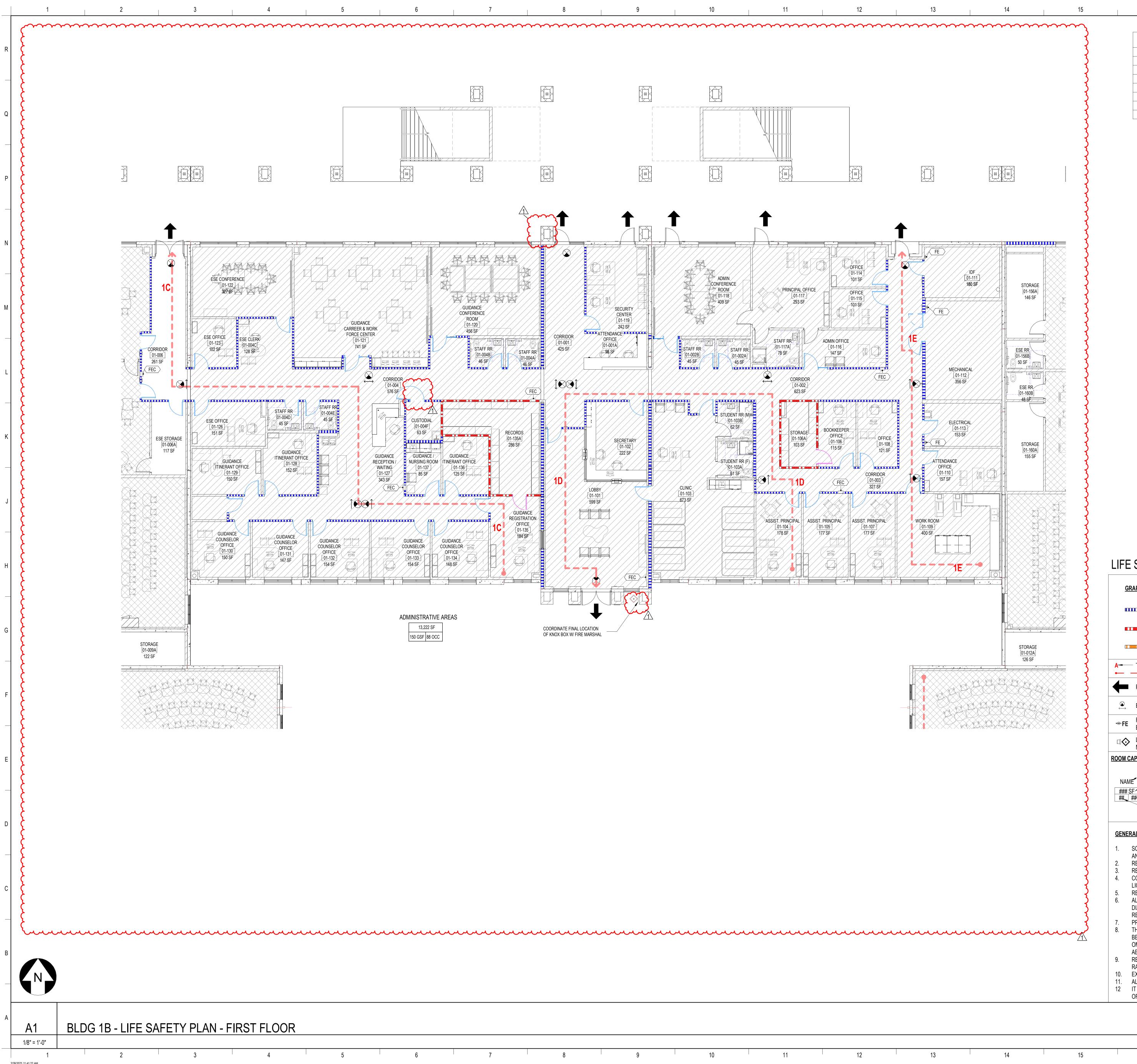


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	St. Lucie PUBLIC SCHOOLS
	St. Lucie Public Schools 9461 Brandywine Ln Port St. Lucie, FL 34986 ISSUE DATE: 12/16/2022 COMM. NO.: 2022107 DRAWN BY: Author CHECKED BY: Checker TILT WALL MOCK UP DETAILS
)3/01/2023	G038
PHASE III	- CONSTRUCTION DOCUMENTS



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TRAVEL DISTANCE BLDG 1.1

TRAVEL DISTANCE

159' - 9"

179' - 9"

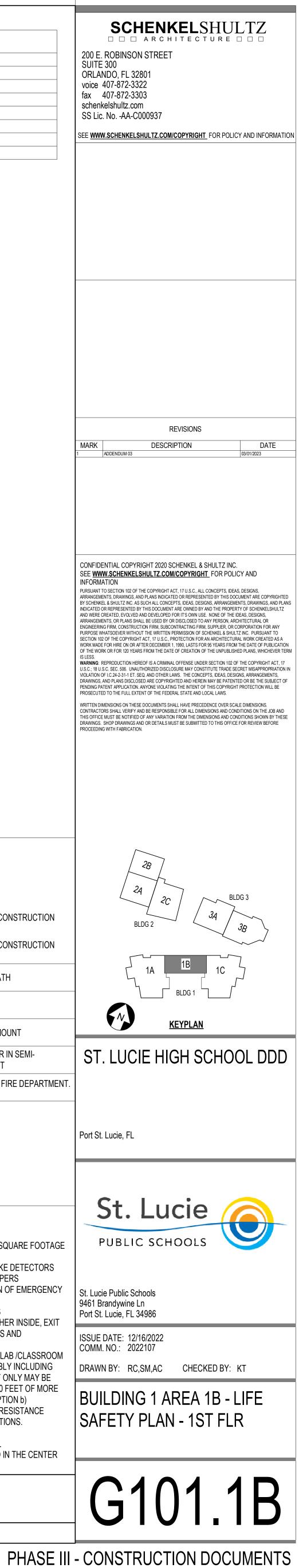
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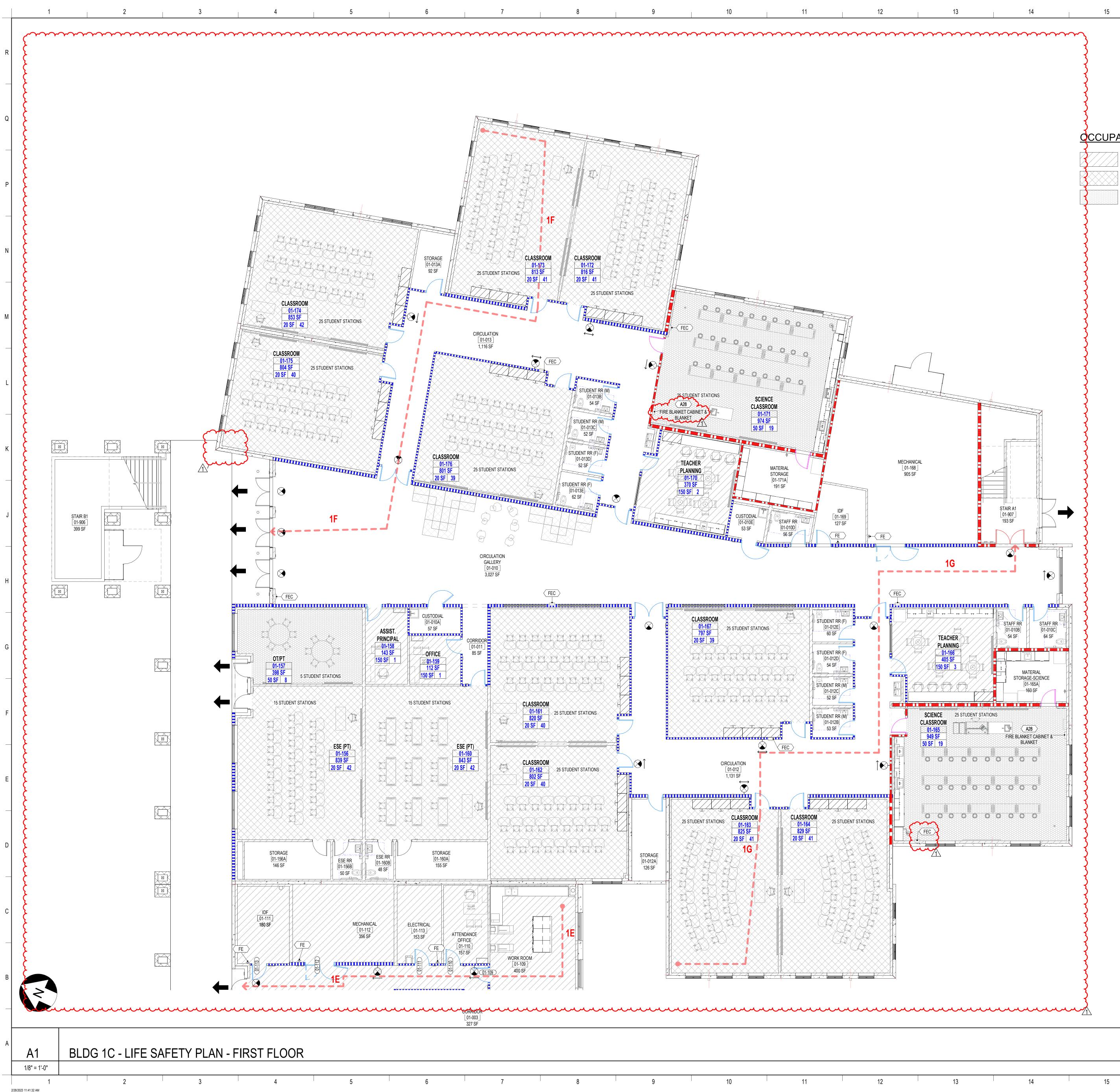
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1A

1B

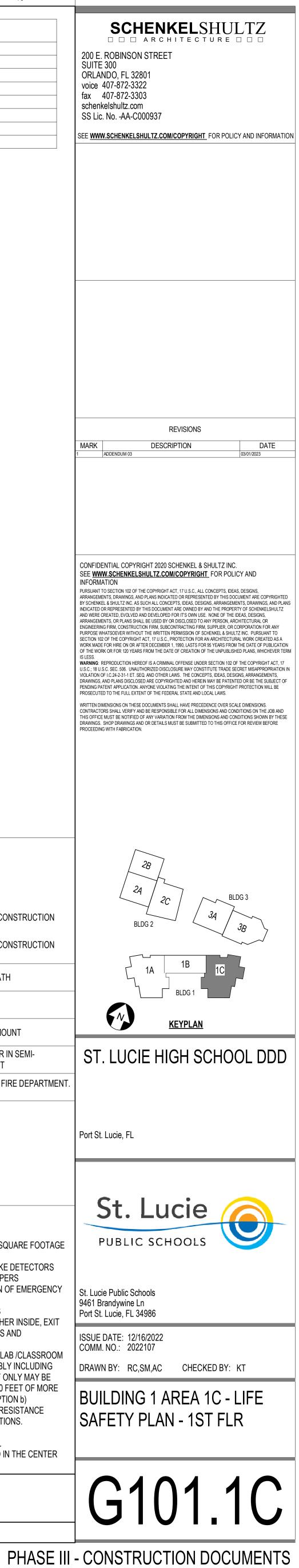
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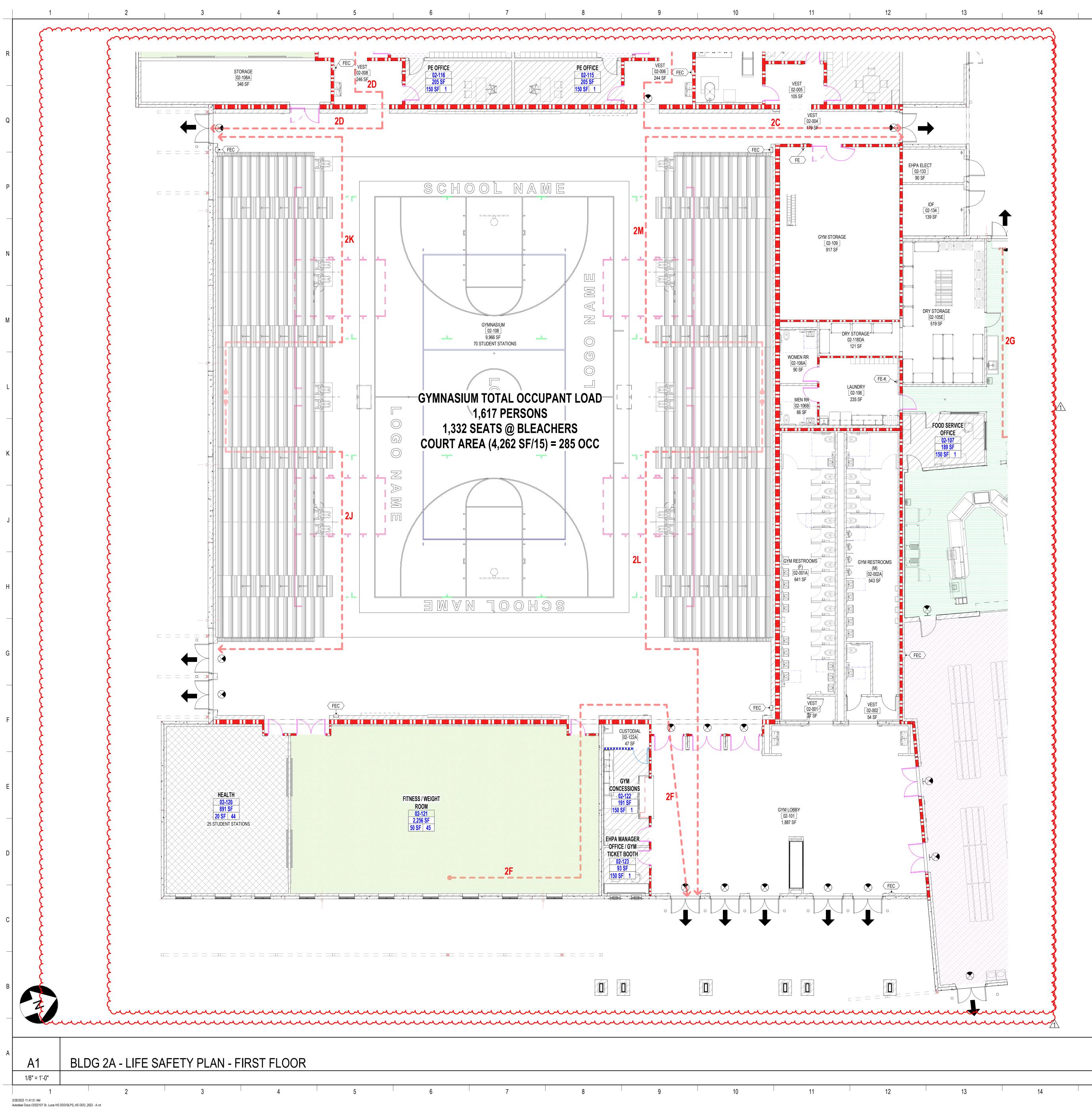




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		1D 1E 1F 1G	135' - 8" 84' - 8" 148' - 4" 157' - 2"	
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Υ.		 AND DOES NOT INC 2. REFER TO SYSTEM 3. REFER TO MECHAN 4. COORDINATE WITH LIGHTING, FIRE ALA 5. REFER TO TRAVEL 6. ALL SIGNAGE INCLU 	NDICATED IN INSTRUCTIONAL ROOMS IS NET SQUARE UDE BUILT-IN CASEWORK DRAWINGS FOR LOCATION OF HEAT AND SMOKE DETE CAL FOR LOCATION OF FIRE AND SMOKE DAMPERS ELECTRICAL DRAWINGS FOR EXACT LOCATION OF EM RM STROBES, AND PULL STATIONS DISTANCE SCHEDULE FOR TRAVEL DISTANCES DING MAXIMUM OCCUPANCY, FIRE EXTINGUISHER INS BE IN ACCORDANCE WITH S.R.E.F. STANDARDS AND	ECTORS IERGENCY 94 P
······		 PROVIDE EYE WASH THE REQUIRED FIRE BEAMS, GIRDERS, T OMITTED WHERE EY ABOVE ANY FLOOR REFER TO DOOR SO RATING FOR RESPE EXTEND ALL RATED ALL EXIT SIGNS WIL 	/SHOWER & FIRE BLANKET AT EACH SCIENCE LAB /CL RESISTANCE OF THE ROOF / CEILING ASSEMBLY INCI RUSSES OR JOISTS THAT SUPPORT THE ROOF ONLY M /ERY PART OF THE ROOF CONSTRUCTION IS 20 FEET (IMMEDIATELY BELOW (F.B.C. TABLE 601 EXCEPTION b) HEDULE FOR DOOR / FRAME ASSEMBLY FIRE RESISTA CTIVE FIRE AND SMOKE BARRIERS AND PARTITIONS. PARTITIONS TO THE DECK ABOVE U.N.O. BE THE ILLUMINATED TYPE, SEE ELECTRICAL TENT THAT ALL CEILING DEVICES BE LOCATED IN THE	LUDING MAY BE OF MORE ANCE





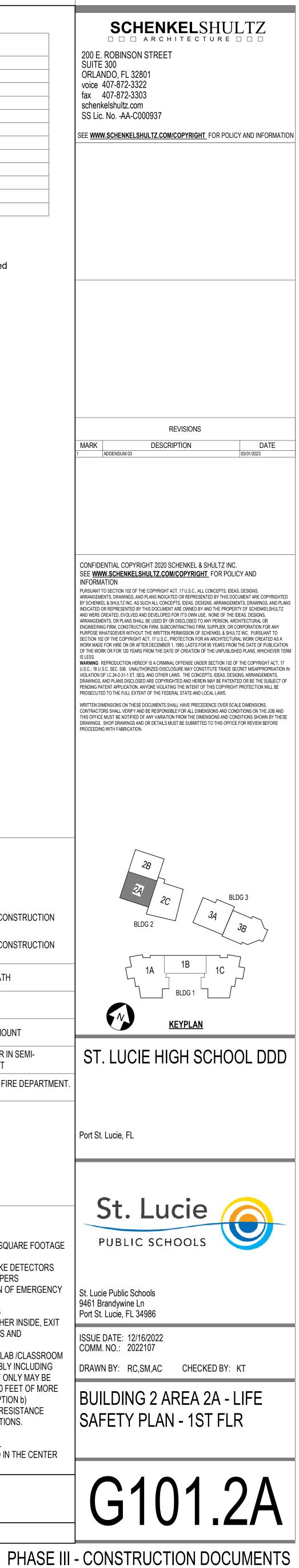
TRA	VEL DISTANCE BLDG 2	
PATH ID	TRAVEL DISTANCE	
2A	74' - 6"	
2B	33' - 10"	
2C	148' - 11"	
2D	130' - 5"	
2F	122' - 4"	
2G	74' - 0"	
2H	156' - 0"	
2J	76' - 5"	
2K	78' - 1"	
2L	76' - 5"	
2M	78' - 1"	

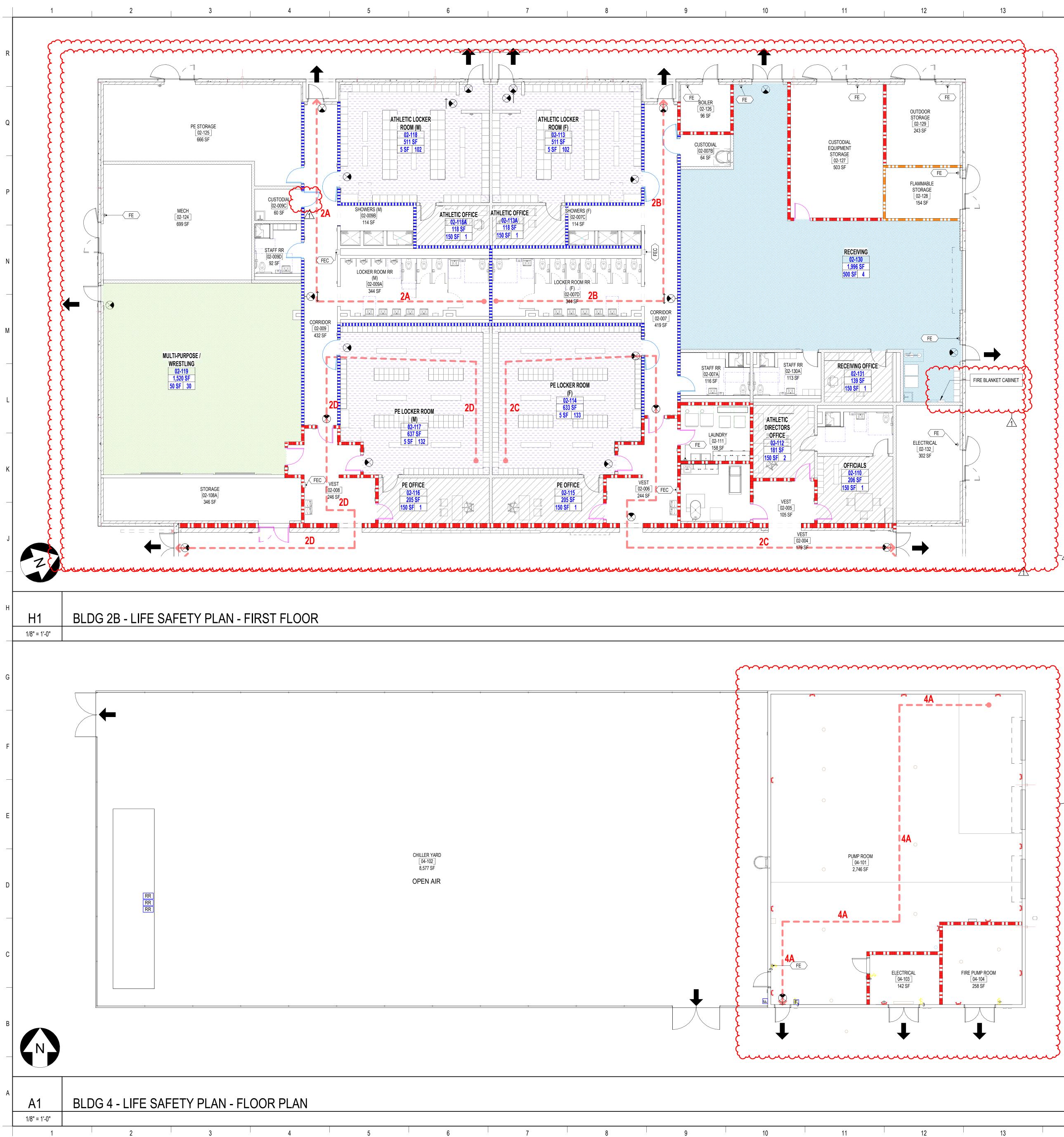
OCCUPANCY LOAD FACTORS

Assembly w/o Fixed Seats - Unconcentrated (tables & chairs)
Business Areas
Educational - Classroom area
Educational - SREF - Locker Rooms
Exercise Rooms
Kitchens - Commercial

LIFE SAFETY LEGEND

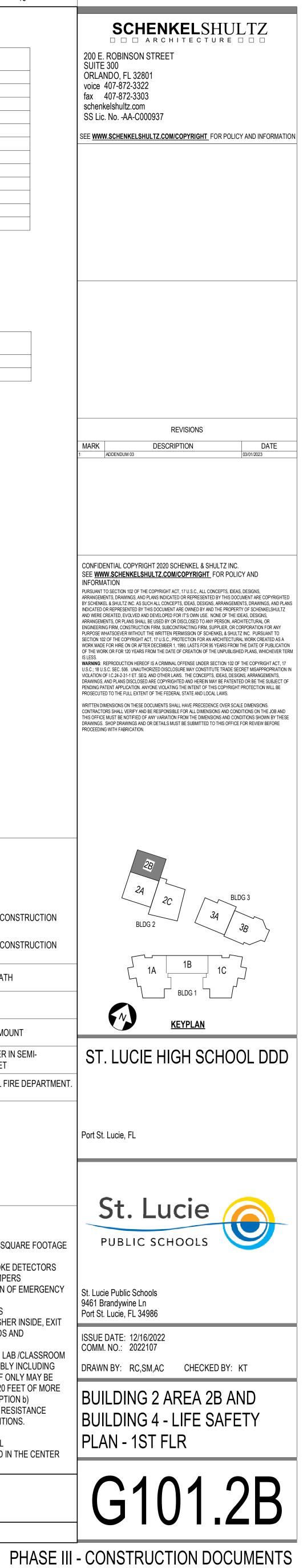
<u> </u>	APHIC PATTERN	WALL RAT	ING	
		DENOTES	SMOKE PARTITION	
		DENOTES	1 HOUR FIRE RATED CONSTRUCTION	
		DENOTES	2 HOUR FIRE RATED CONSTRUCTION	
	TRAVEL PATH ID	MAXIMUM	TRAVEL DISTANCE PATH	-
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$\overset{\bigotimes}{\longleftrightarrow}$	EXIT SIGN - CEILING MOUNT	\mathbf{i}	EXIT SIGN - WALL MOUNT	
FE	FIRE EXTINGUISHER ON WALL BRACKET		FIRE EXTINGUISHER IN SEMI- RECESSED CABINET	
	LOCK BOX- EXACT LOCATION T MOUNTING HT. 4'-0" A.F.F., TIE T		DINATED WITH LOCAL FIRE DEPARTMENT.	
OM C/	APACITY TAG	••••••		
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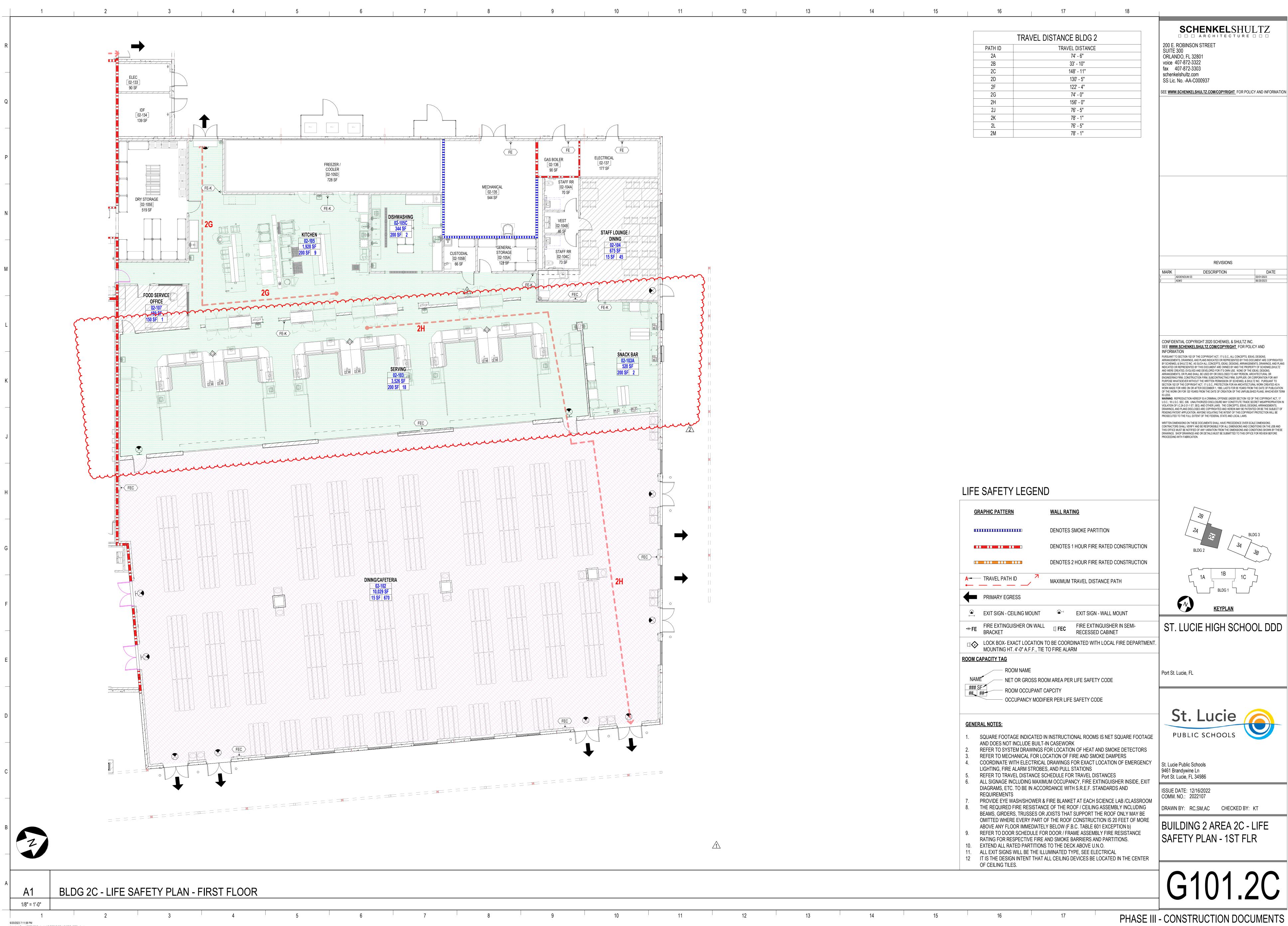




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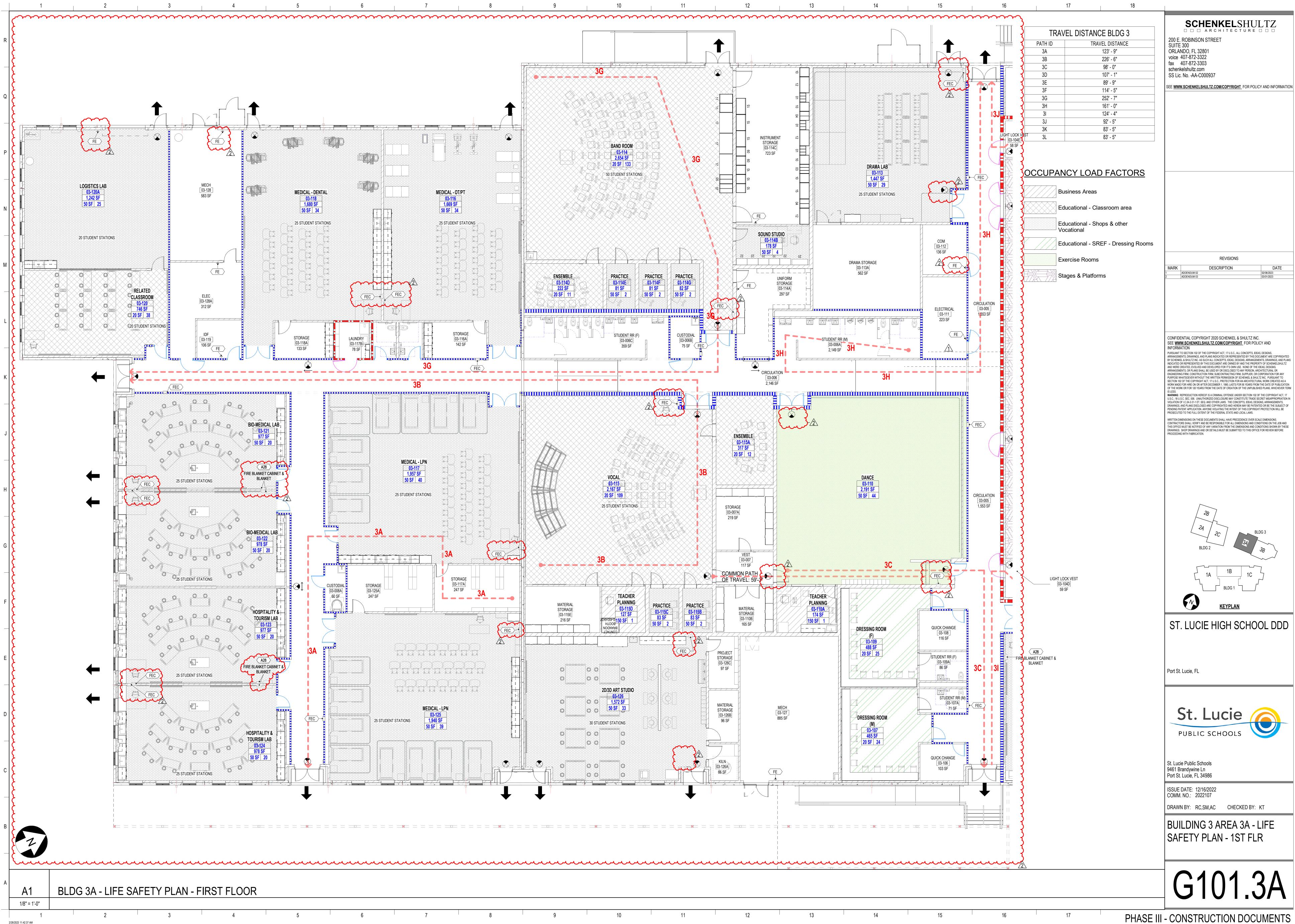
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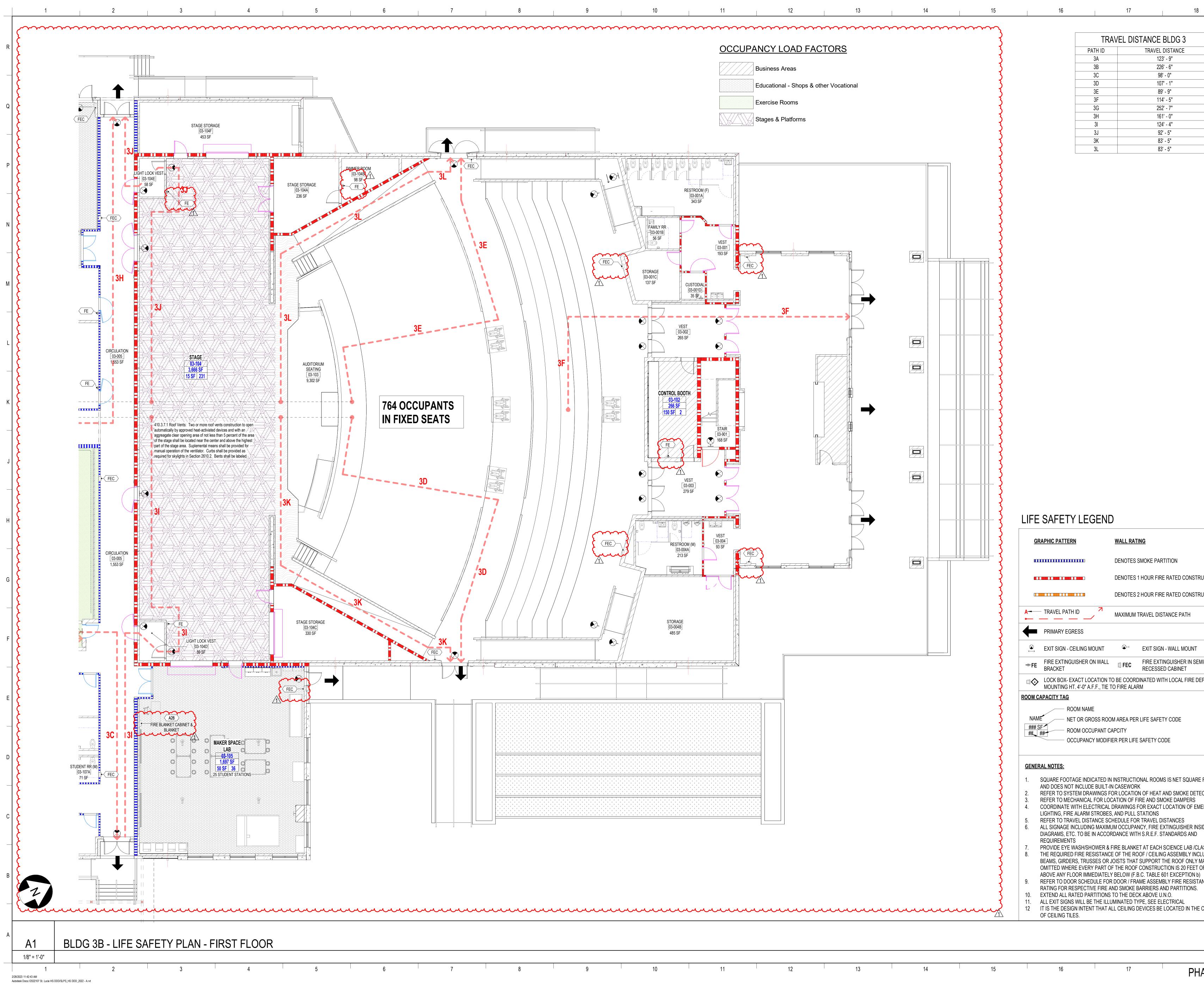
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	TRAVEL DISTANCE BLDG 2
PATH ID	TRAVEL DISTANCE
2A	74' - 6"
2B	33' - 10"
2C	148' - 11"
2D	130' - 5"
2F	122' - 4"
2G	74' - 0"
2H	156' - 0"
2J	76' - 5"
2K	78' - 1"
2L	76' - 5"
2M	78' - 1"

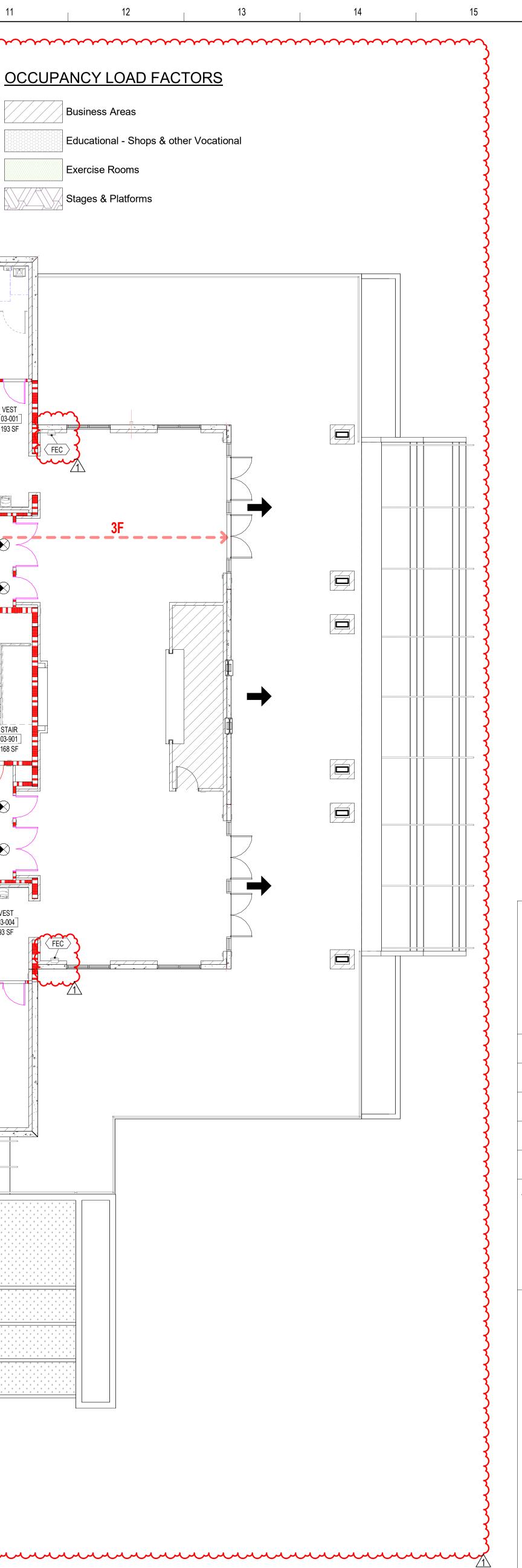
## LIFE SAFETY LEGEND

<u>GR</u>	RAPHIC PATTERN	WALL RAT	ING	
		DENOTES	SMOKE PARTITION	
		DENOTES	1 HOUR FIRE RATED CONSTRUCTION	
		DENOTES	2 HOUR FIRE RATED CONSTRUCTION	
A	TRAVEL PATH ID	MAXIMUM	TRAVEL DISTANCE PATH	_
-	PRIMARY EGRESS			
$\overset{\bigotimes}{\longleftrightarrow}$	EXIT SIGN - CEILING MOUNT	$\mathbf{i}$	EXIT SIGN - WALL MOUNT	
⇔FE	FIRE EXTINGUISHER ON WALL BRACKET		FIRE EXTINGUISHER IN SEMI- RECESSED CABINET	
	LOCK BOX- EXACT LOCATION TO MOUNTING HT. 4'-0" A.F.F., TIE T		DINATED WITH LOCAL FIRE DEPARTMENT. RM	
### S ##_	ROOM OCCUPANT C/		E SAFETY CODE	
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KEYPLAN
ST. LUCIE HIGH SCHOOL DDD
rt St. Lucia, El
rt St. Lucie, FL
St. Lucie
PUBLIC SCHOOLS
Lucie Public Schools
51 Brandywine Ln rt St. Lucie, FL 34986
SUE DATE: 12/16/2022 MM. NO.: 2022107
AWN BY: RC,SM,AC CHECKED BY: KT
UILDING 2 AREA 2C - LIFE
AFETY PLAN - 1ST FLR
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CONSTRUCTION DOCUMENTS
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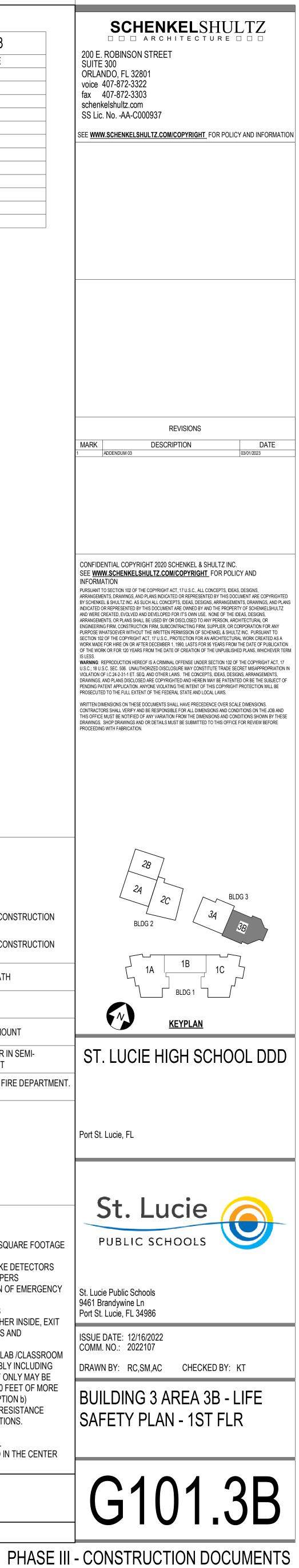


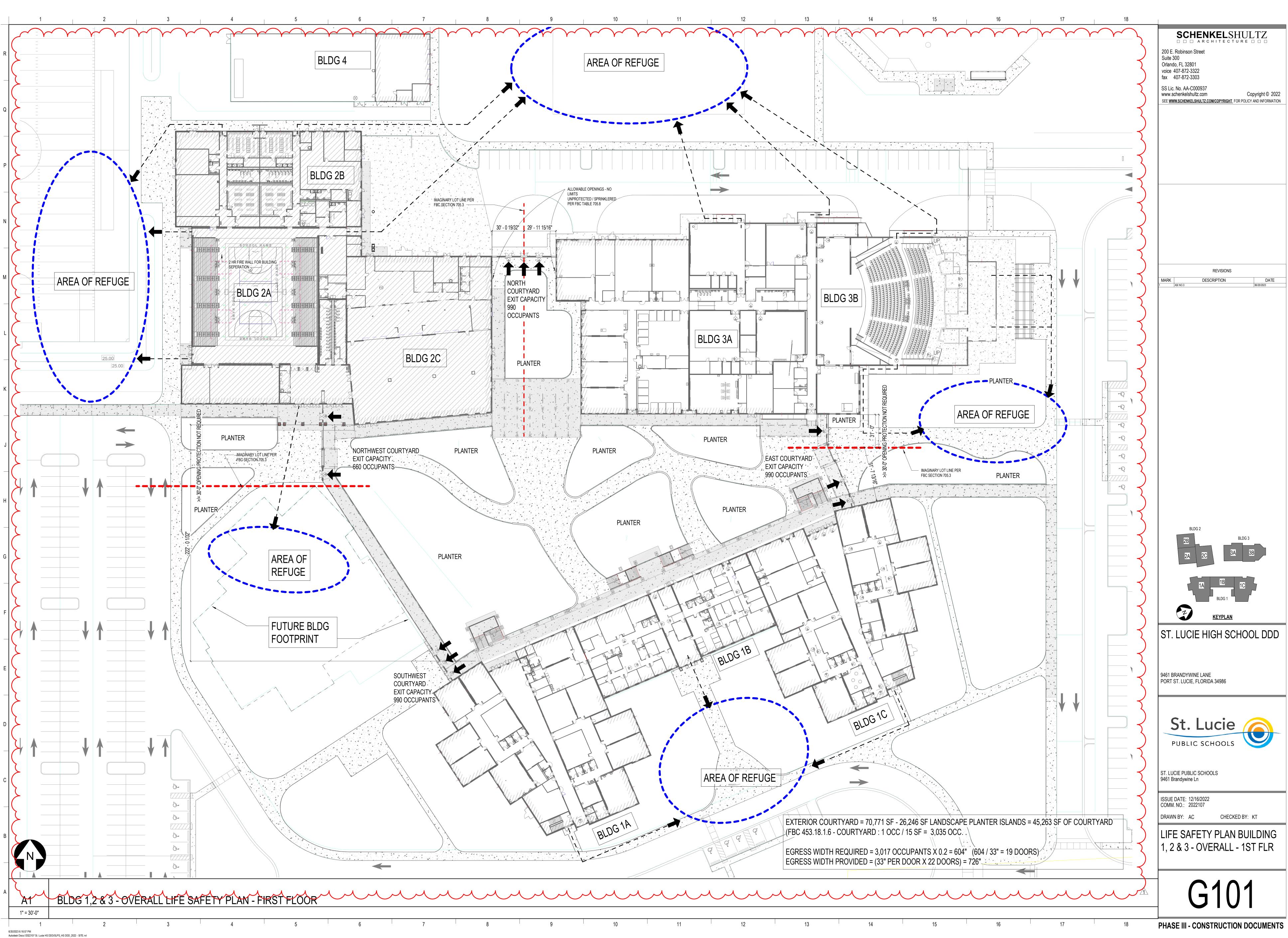


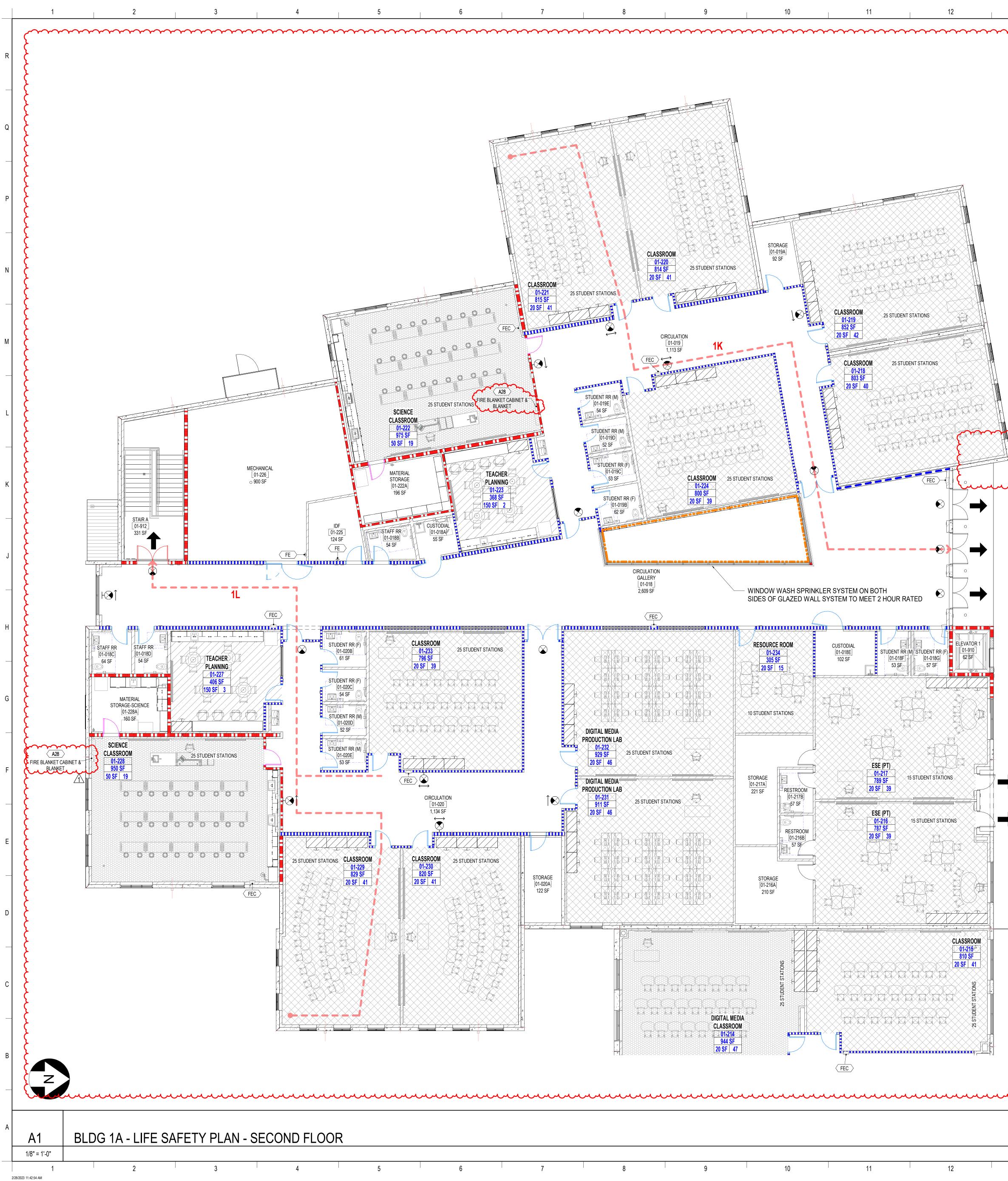


IRAV	EL DISTANCE BLDG 3			
PATH ID TRAVEL DISTANCE				
3A	123' - 9"			
3B	226' - 6"			
3C	98' - 0"			
3D	107' - 1"			
3E	89' - 9"			
3F	114' - 5"			
3G	252' - 7"			
3H	161' - 0"			
31	124' - 4"			
3J	92' - 5"			
3K	83' - 5"			
3L	83' - 5"			

GR	APHIC PATTERN	WALL RAT	<u>FING</u>
		DENOTES	SMOKE PARTITION
•1		DENOTES	1 HOUR FIRE RATED CONSTRUCTION
		DENOTES	2 HOUR FIRE RATED CONSTRUCTION
A		MAXIMUM	TRAVEL DISTANCE PATH
	PRIMARY EGRESS		
$\overset{\bigotimes}{\longleftrightarrow}$	EXIT SIGN - CEILING MOUNT		EXIT SIGN - WALL MOUNT
⊷ FE	FIRE EXTINGUISHER ON WALL BRACKET	[] FEC	FIRE EXTINGUISHER IN SEMI- RECESSED CABINET
	LOCK BOX- EXACT LOCATION T MOUNTING HT. 4'-0" A.F.F., TIE T		DINATED WITH LOCAL FIRE DEPARTMENT. RM
	APACITY TAG		
	ROOM NAME		
NAMI		M ARFA PFI	R LIFE SAFETY CODE
	E NET OR GROSS ROO		R LIFE SAFETY CODE
### S	E NET OR GROSS ROO F ROOM OCCUPANT C/	APCITY	
### S	NET OR GROSS ROO	APCITY	
### S ##	NET OR GROSS ROO F ROOM OCCUPANT C/ OCCUPANCY MODIFI	APCITY ER PER LIFI	E SAFETY CODE
### S ## GENER 1.	NET OR GROSS ROO ROOM OCCUPANT C/ OCCUPANCY MODIFI CAL NOTES: SQUARE FOOTAGE INDICATED IN	APCITY ER PER LIFI	E SAFETY CODE
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### S ## GENER 1. 2. 3. 4. 5.	NET OR GROSS ROO F ROOM OCCUPANT C/ OCCUPANCY MODIFI OCCUPANCY MODIFI CAL NOTES: SQUARE FOOTAGE INDICATED IN AND DOES NOT INCLUDE BUILT-IN REFER TO SYSTEM DRAWINGS FOR REFER TO MECHANICAL FOR LOO COORDINATE WITH ELECTRICAL LIGHTING, FIRE ALARM STROBES REFER TO TRAVEL DISTANCE SC	APCITY ER PER LIFI N CASEWOF OR LOCATIO CATION OF F DRAWINGS , AND PULL HEDULE FO	E SAFETY CODE ONAL ROOMS IS NET SQUARE FOOTAGE K ON OF HEAT AND SMOKE DETECTORS FIRE AND SMOKE DAMPERS FOR EXACT LOCATION OF EMERGENCY STATIONS
### S ## GENER 1. 2. 3. 4. 5. 6.	NET OR GROSS ROO F ROOM OCCUPANT C/ OCCUPANCY MODIFI OCCUPANCY MODIFI CAL NOTES: SQUARE FOOTAGE INDICATED IN AND DOES NOT INCLUDE BUILT-IN REFER TO SYSTEM DRAWINGS FOR REFER TO MECHANICAL FOR LOO COORDINATE WITH ELECTRICAL LIGHTING, FIRE ALARM STROBES REFER TO TRAVEL DISTANCE SC ALL SIGNAGE INCLUDING MAXIMU DIAGRAMS, ETC. TO BE IN ACCOF	APCITY ER PER LIFI INSTRUCTI N CASEWOF OR LOCATIO CATION OF F DRAWINGS , AND PULL HEDULE FO JM OCCUPA	E SAFETY CODE ONAL ROOMS IS NET SQUARE FOOTAGE NO OF HEAT AND SMOKE DETECTORS FIRE AND SMOKE DAMPERS FOR EXACT LOCATION OF EMERGENCY STATIONS R TRAVEL DISTANCES NCY, FIRE EXTINGUISHER INSIDE, EXIT
### S ## GENER 1. 2. 3. 4. 5. 6.	NET OR GROSS ROO F ROOM OCCUPANT C/ OCCUPANCY MODIFI OCCUPANCY MODIFI CAL NOTES: SQUARE FOOTAGE INDICATED IN AND DOES NOT INCLUDE BUILT-IN REFER TO SYSTEM DRAWINGS FOR REFER TO MECHANICAL FOR LOO COORDINATE WITH ELECTRICAL LIGHTING, FIRE ALARM STROBES REFER TO TRAVEL DISTANCE SC ALL SIGNAGE INCLUDING MAXIMUL DIAGRAMS, ETC. TO BE IN ACCOF REQUIREMENTS	APCITY ER PER LIFI INSTRUCTI N CASEWOF OR LOCATIO CATION OF F DRAWINGS , AND PULL HEDULE FO JM OCCUPA RDANCE WIT	E SAFETY CODE ONAL ROOMS IS NET SQUARE FOOTAGE K ON OF HEAT AND SMOKE DETECTORS FIRE AND SMOKE DAMPERS FOR EXACT LOCATION OF EMERGENCY STATIONS R TRAVEL DISTANCES NCY, FIRE EXTINGUISHER INSIDE, EXIT TH S.R.E.F. STANDARDS AND
### S ## <b>GENER</b> 1. 2. 3. 4. 5. 6. 7.	NET OR GROSS ROO F ROOM OCCUPANT C/ OCCUPANCY MODIFI OCCUPANCY MODIFI CAL NOTES: SQUARE FOOTAGE INDICATED IN AND DOES NOT INCLUDE BUILT-IN REFER TO SYSTEM DRAWINGS FOR REFER TO MECHANICAL FOR LOO COORDINATE WITH ELECTRICAL LIGHTING, FIRE ALARM STROBES REFER TO TRAVEL DISTANCE SC ALL SIGNAGE INCLUDING MAXIMU DIAGRAMS, ETC. TO BE IN ACCOF REQUIREMENTS PROVIDE EYE WASH/SHOWER & F	APCITY ER PER LIFI INSTRUCTI N CASEWOF OR LOCATIO CATION OF F DRAWINGS N AND PULL HEDULE FO JM OCCUPA RDANCE WIT FIRE BLANK	E SAFETY CODE ONAL ROOMS IS NET SQUARE FOOTAGE ON OF HEAT AND SMOKE DETECTORS FIRE AND SMOKE DAMPERS FOR EXACT LOCATION OF EMERGENCY STATIONS R TRAVEL DISTANCES NCY, FIRE EXTINGUISHER INSIDE, EXIT TH S.R.E.F. STANDARDS AND ET AT EACH SCIENCE LAB /CLASSROOM
### S ## <b>GENER</b> 1. 2. 3. 4. 5. 6. 7. 8.	NET OR GROSS ROO F ROOM OCCUPANT C/ OCCUPANCY MODIFI OCCUPANCY MODIFI CAL NOTES: SQUARE FOOTAGE INDICATED IN AND DOES NOT INCLUDE BUILT-IN REFER TO SYSTEM DRAWINGS FOR REFER TO MECHANICAL FOR LOO COORDINATE WITH ELECTRICAL LIGHTING, FIRE ALARM STROBES REFER TO TRAVEL DISTANCE SC ALL SIGNAGE INCLUDING MAXIMU DIAGRAMS, ETC. TO BE IN ACCOF REQUIREMENTS PROVIDE EYE WASH/SHOWER & F THE REQUIRED FIRE RESISTANCI	APCITY ER PER LIFI INSTRUCTI N CASEWOF OR LOCATIC CATION OF F DRAWINGS , AND PULL HEDULE FO JM OCCUPA RDANCE WIT FIRE BLANK E OF THE R	E SAFETY CODE ONAL ROOMS IS NET SQUARE FOOTAGE RK ON OF HEAT AND SMOKE DETECTORS FIRE AND SMOKE DAMPERS FOR EXACT LOCATION OF EMERGENCY STATIONS R TRAVEL DISTANCES NCY, FIRE EXTINGUISHER INSIDE, EXIT TH S.R.E.F. STANDARDS AND ET AT EACH SCIENCE LAB /CLASSROOM DOF / CEILING ASSEMBLY INCLUDING
### S ## 1. 2. 3. 4. 5. 6. 7. 8.	NET OR GROSS ROO F ROOM OCCUPANT C/ OCCUPANCY MODIFI CAL NOTES: SQUARE FOOTAGE INDICATED IN AND DOES NOT INCLUDE BUILT-IN REFER TO SYSTEM DRAWINGS FOR REFER TO MECHANICAL FOR LOO COORDINATE WITH ELECTRICAL LIGHTING, FIRE ALARM STROBES REFER TO TRAVEL DISTANCE SC ALL SIGNAGE INCLUDING MAXIMU DIAGRAMS, ETC. TO BE IN ACCOF REQUIREMENTS PROVIDE EYE WASH/SHOWER & F THE REQUIRED FIRE RESISTANCI BEAMS, GIRDERS, TRUSSES OR J	APCITY ER PER LIFI INSTRUCTI N CASEWOF OR LOCATIO CATION OF F DRAWINGS , AND PULL HEDULE FO JM OCCUPA RDANCE WIT FIRE BLANK E OF THE RU IOISTS THA	E SAFETY CODE ONAL ROOMS IS NET SQUARE FOOTAGE ON OF HEAT AND SMOKE DETECTORS FIRE AND SMOKE DAMPERS FOR EXACT LOCATION OF EMERGENCY STATIONS R TRAVEL DISTANCES NCY, FIRE EXTINGUISHER INSIDE, EXIT TH S.R.E.F. STANDARDS AND ET AT EACH SCIENCE LAB /CLASSROOM
### S ## GENER 1. 2. 3. 4. 5. 6. 7. 8.	NET OR GROSS ROO F ROOM OCCUPANT C/ OCCUPANCY MODIFI CAL NOTES: SQUARE FOOTAGE INDICATED IN AND DOES NOT INCLUDE BUILT-IN REFER TO SYSTEM DRAWINGS FOR REFER TO MECHANICAL FOR LOO COORDINATE WITH ELECTRICAL LIGHTING, FIRE ALARM STROBES REFER TO TRAVEL DISTANCE SC ALL SIGNAGE INCLUDING MAXIMU DIAGRAMS, ETC. TO BE IN ACCOF REQUIREMENTS PROVIDE EYE WASH/SHOWER & F THE REQUIRED FIRE RESISTANCI BEAMS, GIRDERS, TRUSSES OR J	APCITY ER PER LIFI INSTRUCTI N CASEWOF OR LOCATIC CATION OF F DRAWINGS , AND PULL HEDULE FO JM OCCUPA RDANCE WIT FIRE BLANK E OF THE ROOF F THE ROOF	E SAFETY CODE ONAL ROOMS IS NET SQUARE FOOTAGE RK ON OF HEAT AND SMOKE DETECTORS FIRE AND SMOKE DAMPERS FOR EXACT LOCATION OF EMERGENCY STATIONS R TRAVEL DISTANCES NCY, FIRE EXTINGUISHER INSIDE, EXIT TH S.R.E.F. STANDARDS AND ET AT EACH SCIENCE LAB /CLASSROOM DOF / CEILING ASSEMBLY INCLUDING I SUPPORT THE ROOF ONLY MAY BE F CONSTRUCTION IS 20 FEET OF MORE
### S ## GENER 1. 2. 3. 4. 5. 6. 7. 8. 9.	NET OR GROSS ROO F ROOM OCCUPANT C/ OCCUPANCY MODIFI OCCUPANCY MODIFI COCCUPANCY MODIFICATED IN COCCUPANCY MODIFICATED IN COCUPAN	APCITY ER PER LIFI INSTRUCTI N CASEWOF OR LOCATIO CATION OF F DRAWINGS AND PULL HEDULE FO JM OCCUPA RDANCE WIT FIRE BLANK E OF THE ROOF ( BELOW (F. 2 DOOR / FR	E SAFETY CODE ONAL ROOMS IS NET SQUARE FOOTAGE RK ON OF HEAT AND SMOKE DETECTORS FIRE AND SMOKE DAMPERS FOR EXACT LOCATION OF EMERGENCY STATIONS R TRAVEL DISTANCES NCY, FIRE EXTINGUISHER INSIDE, EXIT TH S.R.E.F. STANDARDS AND ET AT EACH SCIENCE LAB /CLASSROOM OOF / CEILING ASSEMBLY INCLUDING T SUPPORT THE ROOF ONLY MAY BE F CONSTRUCTION IS 20 FEET OF MORE B.C. TABLE 601 EXCEPTION b) AME ASSEMBLY FIRE RESISTANCE
### S ## 1. 2. 3. 4. 5. 6. 7. 8. 9.	NET OR GROSS ROO     ROOM OCCUPANT C/     OCCUPANCY MODIFI     OCCUPANCY MODIFI     OCCUPANCY MODIFI     OCCUPANCY MODIFI      SQUARE FOOTAGE INDICATED IN     AND DOES NOT INCLUDE BUILT-IN     REFER TO SYSTEM DRAWINGS FOREFER TO MECHANICAL FOR LOO     COORDINATE WITH ELECTRICAL     LIGHTING, FIRE ALARM STROBES     REFER TO TRAVEL DISTANCE SC     ALL SIGNAGE INCLUDING MAXIMU DIAGRAMS, ETC. TO BE IN ACCOF     REQUIREMENTS     PROVIDE EYE WASH/SHOWER & F     THE REQUIRED FIRE RESISTANCE     BEAMS, GIRDERS, TRUSSES OR J     OMITTED WHERE EVERY PART O     ABOVE ANY FLOOR IMMEDIATELY     REFER TO DOOR SCHEDULE FOR     RATING FOR RESPECTIVE FIRE A	APCITY ER PER LIFI INSTRUCTI N CASEWOF OR LOCATIC CATION OF F DRAWINGS , AND PULL HEDULE FO JM OCCUPA RDANCE WIT FIRE BLANK E OF THE ROOF ( BELOW (F. R DOOR / FR ND SMOKE	E SAFETY CODE ONAL ROOMS IS NET SQUARE FOOTAGE RK ON OF HEAT AND SMOKE DETECTORS FIRE AND SMOKE DAMPERS FOR EXACT LOCATION OF EMERGENCY STATIONS R TRAVEL DISTANCES NCY, FIRE EXTINGUISHER INSIDE, EXIT TH S.R.E.F. STANDARDS AND ET AT EACH SCIENCE LAB /CLASSROOM OOF / CEILING ASSEMBLY INCLUDING T SUPPORT THE ROOF ONLY MAY BE F CONSTRUCTION IS 20 FEET OF MORE B.C. TABLE 601 EXCEPTION b) AME ASSEMBLY FIRE RESISTANCE BARRIERS AND PARTITIONS.
### S ## 1. 2. 3. 4. 5. 6. 7. 8. 9. 10.	NET OR GROSS ROO F ROOM OCCUPANT C/ OCCUPANCY MODIFI OCCUPANCY MODIFI AL NOTES: SQUARE FOOTAGE INDICATED IN AND DOES NOT INCLUDE BUILT-IN REFER TO SYSTEM DRAWINGS FO REFER TO MECHANICAL FOR LOO COORDINATE WITH ELECTRICAL LIGHTING, FIRE ALARM STROBES REFER TO TRAVEL DISTANCE SC ALL SIGNAGE INCLUDING MAXIMU DIAGRAMS, ETC. TO BE IN ACCOF REQUIREMENTS PROVIDE EYE WASH/SHOWER & F THE REQUIRED FIRE RESISTANCI BEAMS, GIRDERS, TRUSSES OR J OMITTED WHERE EVERY PART O ABOVE ANY FLOOR IMMEDIATELY REFER TO DOOR SCHEDULE FOR RATING FOR RESPECTIVE FIRE A EXTEND ALL RATED PARTITIONS	APCITY ER PER LIFI INSTRUCTI N CASEWOF OR LOCATIO CATION OF F DRAWINGS , AND PULL HEDULE FO JM OCCUPA RDANCE WIT FIRE BLANK E OF THE RO IOISTS THA F THE ROOF ( BELOW (F. R DOOR / FR ND SMOKE TO THE DE	E SAFETY CODE ONAL ROOMS IS NET SQUARE FOOTAGE (K) ON OF HEAT AND SMOKE DETECTORS FIRE AND SMOKE DAMPERS FOR EXACT LOCATION OF EMERGENCY STATIONS R TRAVEL DISTANCES NCY, FIRE EXTINGUISHER INSIDE, EXIT TH S.R.E.F. STANDARDS AND ET AT EACH SCIENCE LAB /CLASSROOM OOF / CEILING ASSEMBLY INCLUDING T SUPPORT THE ROOF ONLY MAY BE F CONSTRUCTION IS 20 FEET OF MORE B.C. TABLE 601 EXCEPTION b) AME ASSEMBLY FIRE RESISTANCE BARRIERS AND PARTITIONS. CK ABOVE U.N.O.
### S ## GENER 1. 2. 3. 4. 5. 6. 7. 8. 9. 9. 10. 11.	NET OR GROSS ROO     ROOM OCCUPANT C/     OCCUPANCY MODIFI     OCCUPANCY MODIFI     OCCUPANCY MODIFI      SQUARE FOOTAGE INDICATED IN     AND DOES NOT INCLUDE BUILT-IN     REFER TO SYSTEM DRAWINGS FOREFER TO MECHANICAL FOR LOO     COORDINATE WITH ELECTRICAL     LIGHTING, FIRE ALARM STROBES     REFER TO TRAVEL DISTANCE SC     ALL SIGNAGE INCLUDING MAXIMU DIAGRAMS, ETC. TO BE IN ACCOF     REQUIREMENTS     PROVIDE EYE WASH/SHOWER & F     THE REQUIRED FIRE RESISTANCI BEAMS, GIRDERS, TRUSSES OR J     OMITTED WHERE EVERY PART O     ABOVE ANY FLOOR IMMEDIATELY     REFER TO DOOR SCHEDULE FOR     RATING FOR RESPECTIVE FIRE A     EXTEND ALL RATED PARTITIONS     ALL EXIT SIGNS WILL BE THE ILLU	APCITY ER PER LIFI INSTRUCTI N CASEWOF OR LOCATIO CATION OF F DRAWINGS , AND PULL HEDULE FO JM OCCUPA RDANCE WIT FIRE BLANK E OF THE ROOF ( BELOW (F. 2 DOOR / FR ND SMOKE TO THE DEC JMINATED T	E SAFETY CODE ONAL ROOMS IS NET SQUARE FOOTAGE (K) ON OF HEAT AND SMOKE DETECTORS FIRE AND SMOKE DAMPERS FOR EXACT LOCATION OF EMERGENCY STATIONS R TRAVEL DISTANCES NCY, FIRE EXTINGUISHER INSIDE, EXIT TH S.R.E.F. STANDARDS AND ET AT EACH SCIENCE LAB /CLASSROOM OOF / CEILING ASSEMBLY INCLUDING T SUPPORT THE ROOF ONLY MAY BE F CONSTRUCTION IS 20 FEET OF MORE B.C. TABLE 601 EXCEPTION b) AME ASSEMBLY FIRE RESISTANCE BARRIERS AND PARTITIONS. CK ABOVE U.N.O.







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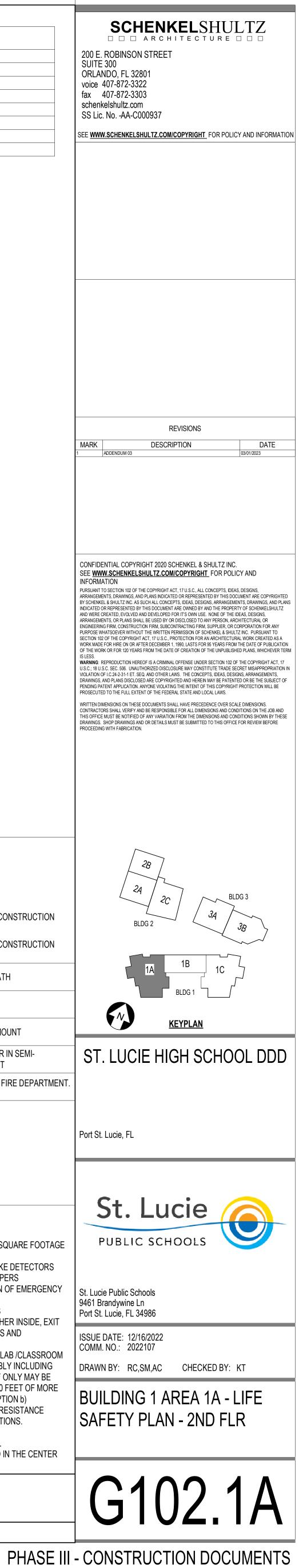
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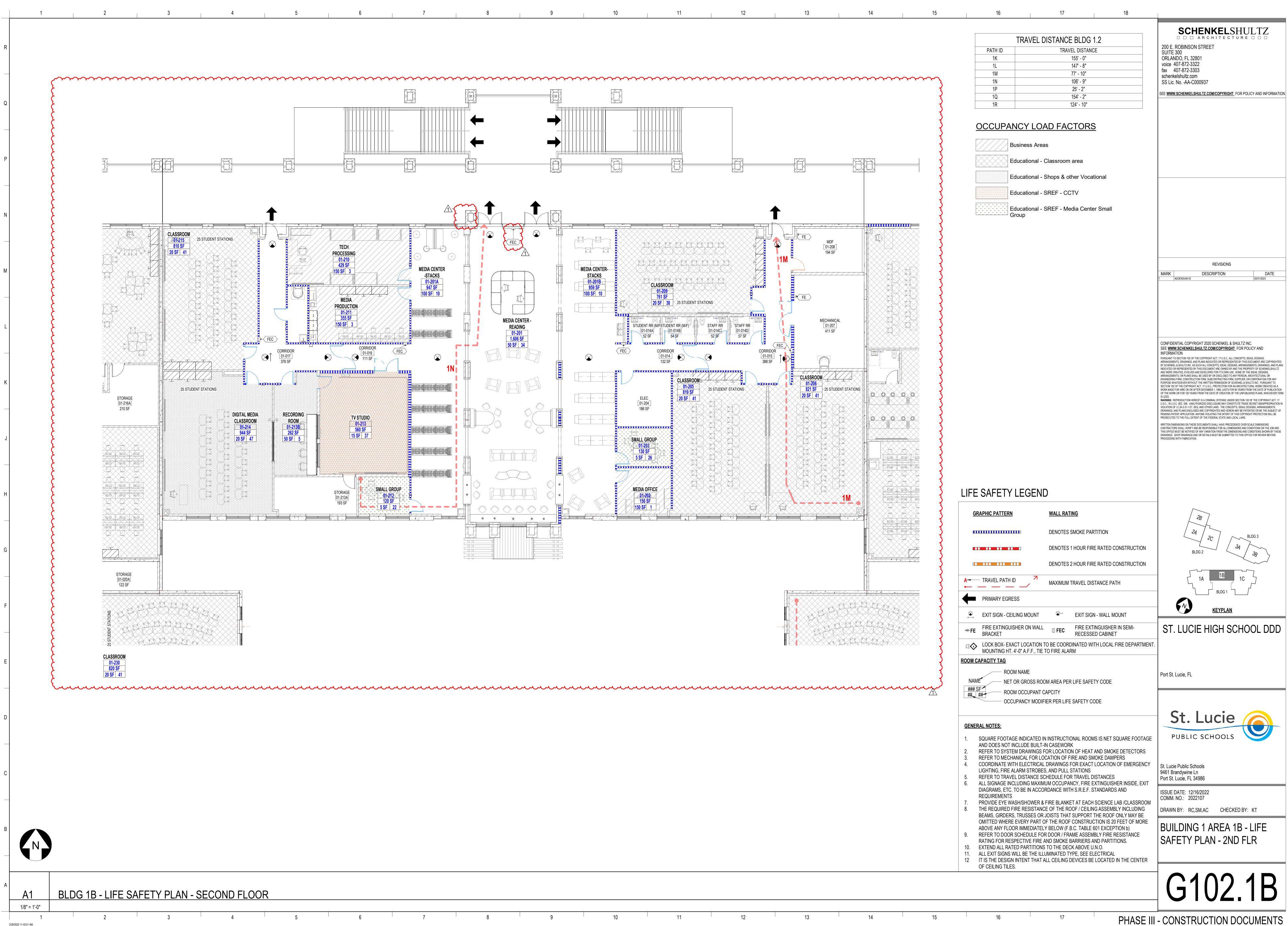
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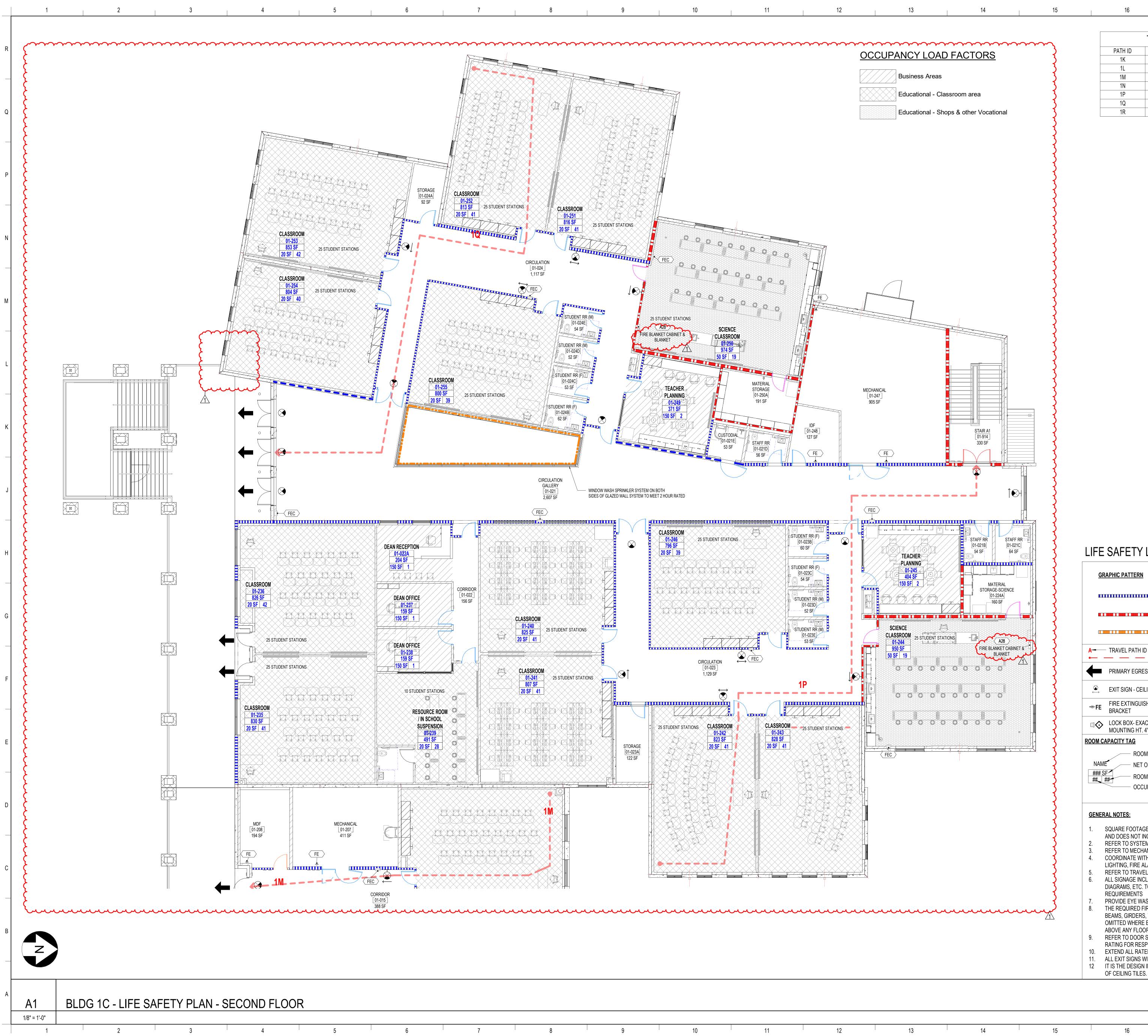
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		}	TRAVEL DISTANCE BLDG 1.2
		}	PATH ID TRAVEL DISTANCE 1K 155' - 0"
		3	1L 147' - 8"
		}	1M 77' - 10" 1N 106' - 9"
		3	1P 25' - 2" 1Q 154' - 2"
		{	104 - 2 1R 124' - 10"
		5	
		}	OCCUPANCY LOAD FACTORS
		}	
		3	Business Areas
		}	Educational - Classroom area
		3	Educational - Shops & other Vocational
		3	
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		3	
		1 1 1 L	IFE SAFETY LEGEND
1			
		3	GRAPHIC PATTERN WALL RATING
		\$	DENOTES SMOKE PARTITION
		3	
		3	DENOTES 2 HOUR FIRE RATED CONSTRUCTION
		₹	7
		{	
		<u></u>	PRIMARY EGRESS
		3	EXIT SIGN - CEILING MOUNT EXIT SIGN - WALL MOUNT
		3	← FE FIRE EXTINGUISHER ON WALL BRACKET IN SEMI- RECESSED CABINET
		} ⊢	LOCK BOX- EXACT LOCATION TO BE COORDINATED WITH LOCAL FIRE DEPARTMENT.
		} R	MOUNTING HT. 4'-0" A.F.F., TIE TO FIRE ALARM
		}	
		}	NAME NET OR GROSS ROOM AREA PER LIFE SAFETY CODE
		3 t	ROOM OCCUPANT CAPCITY
		3	
			GENERAL NOTES:
		<	1. SQUARE FOOTAGE INDICATED IN INSTRUCTIONAL ROOMS IS NET SQUARE FOOTAGE
		$\frac{1}{3}$	AND DOES NOT INCLUDE BUILT-IN CASEWORK 2. REFER TO SYSTEM DRAWINGS FOR LOCATION OF HEAT AND SMOKE DETECTORS
		\	 REFER TO MECHANICAL FOR LOCATION OF FIRE AND SMOKE DAMPERS COORDINATE WITH ELECTRICAL DRAWINGS FOR EXACT LOCATION OF EMERGENCY
		3	LIGHTING, FIRE ALARM STROBES, AND PULL STATIONS 5. REFER TO TRAVEL DISTANCE SCHEDULE FOR TRAVEL DISTANCES
		$\langle \rangle$	 ALL SIGNAGE INCLUDING MAXIMUM OCCUPANCY, FIRE EXTINGUISHER INSIDE, EXIT DIAGRAMS, ETC. TO BE IN ACCORDANCE WITH S.R.E.F. STANDARDS AND
		1	REQUIREMENTS 7. PROVIDE EYE WASH/SHOWER & FIRE BLANKET AT EACH SCIENCE LAB /CLASSROOM
		3	8. THE REQUIRED FIRE RESISTANCE OF THE ROOF / CEILING ASSEMBLY INCLUDING BEAMS, GIRDERS, TRUSSES OR JOISTS THAT SUPPORT THE ROOF ONLY MAY BE OMITTED WHERE EVERY PART OF THE ROOF CONSTRUCTION IS 20 FEET OF MORE
		\mathbf{x}	OMITTED WHERE EVERY PART OF THE ROOF CONSTRUCTION IS 20 FEET OF MORE ABOVE ANY FLOOR IMMEDIATELY BELOW (F.B.C. TABLE 601 EXCEPTION b)
		\	 REFER TO DOOR SCHEDULE FOR DOOR / FRAME ASSEMBLY FIRE RESISTANCE RATING FOR RESPECTIVE FIRE AND SMOKE BARRIERS AND PARTITIONS. EXTEND ALL RATED PARTITIONS TO THE DECK ABOVE U.N.O.
المعالم المراس	د. د. د. د. د. ما ما ما ما مار م	3	 EXTEND ALL RATED PARTITIONS TO THE DECK ABOVE 0.N.O. ALL EXIT SIGNS WILL BE THE ILLUMINATED TYPE, SEE ELECTRICAL IT IS THE DESIGN INTENT THAT ALL CEILING DEVICES BE LOCATED IN THE CENTER
			OF CEILING TILES.

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TRAVEL DISTANCE BLDG 1.2			
PATH ID	TRAVEL DISTANCE		
1K	155' - 0"		
1L	147' - 8"		
1M	77' - 10"		
1N	106' - 9"		
1P	25' - 2"		
1Q	154' - 2"		
1R	124' - 10"		

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LIFE SAFETY LEGEND

				-
GF	RAPHIC PATTERN	WALL RAT	ING	
		DENOTES SMOKE PARTITION		
	THINK & MINH & MINH & MINH	DENOTES	1 HOUR FIRE RATED CONSTRUCTION	
		DENOTES	2 HOUR FIRE RATED CONSTRUCTION	
A-	TRAVEL PATH ID	MAXIMUM	TRAVEL DISTANCE PATH	
+	PRIMARY EGRESS			
$\overset{\bigotimes}{\longleftrightarrow}$	EXIT SIGN - CEILING MOUNT	\mathbf{i}	EXIT SIGN - WALL MOUNT	
• © FE	FIRE EXTINGUISHER ON WALL BRACKET		FIRE EXTINGUISHER IN SEMI- RECESSED CABINET	5
	LOCK BOX- EXACT LOCATION T MOUNTING HT. 4'-0" A.F.F., TIE 1		DINATED WITH LOCAL FIRE DEPARTMENT. RM	
ROOM C	APACITY TAG			
				Po
NAM		M AREA PEF	R LIFE SAFETY CODE	
### S		APCITY		
	OCCUPANCY MODIFI	IER PER LIFE	SAFETY CODE	
GENER	RAL NOTES:			-
1.	SQUARE FOOTAGE INDICATED IN		ONAL ROOMS IS NET SQUARE FOOTAGE	
	AND DOES NOT INCLUDE BUILT-I			
2.			N OF HEAT AND SMOKE DETECTORS	
3. 4.	REFER TO MECHANICAL FOR LOO		FOR EXACT LOCATION OF EMERGENCY	
ч.	LIGHTING, FIRE ALARM STROBES			St.
5.	REFER TO TRAVEL DISTANCE SC	•		Po
6.			NCY, FIRE EXTINGUISHER INSIDE, EXIT	
	DIAGRAMS, ETC. TO BE IN ACCOR	RDANCE WIT	H S.R.E.F. STANDARDS AND	ISS
7.	REQUIREMENTS		ET AT EACH SCIENCE LAB /CLASSROOM	CO
8.			DOF / CEILING ASSEMBLY INCLUDING	
	-		SUPPORT THE ROOF ONLY MAY BE	
	-		CONSTRUCTION IS 20 FEET OF MORE	ח
0	ABOVE ANY FLOOR IMMEDIATEL	•		B
9.	REFER TO DOOR SCHEDULE FOR RATING FOR RESPECTIVE FIRE A		AME ASSEMBLY FIRE RESISTANCE	S
10.	EXTEND ALL RATED PARTITIONS			
	ALL EXIT SIGNS WILL BE THE ILLU			
12	IT IS THE DESIGN INTENT THAT A	ILL CEILING [DEVICES BE LOCATED IN THE CENTER	

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