

LIFE SAFETY PLAN - 20.04.13

ARCHITECT

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CAPITAL METAL SUPPLY - LIFE SAFETY PLAN
3798 SOUTH US HIGHWAY 441
LAKE CITY, FLORIDA 32025

dig ARCHITECTURE

ADA CODE REQUIREMENTS

GENERAL CONSTRUCTION NOTES

DRAWING INDEX

FIGURE 25
MANEUVERING CLEARANCES AT
MANUAL SWING DOORS

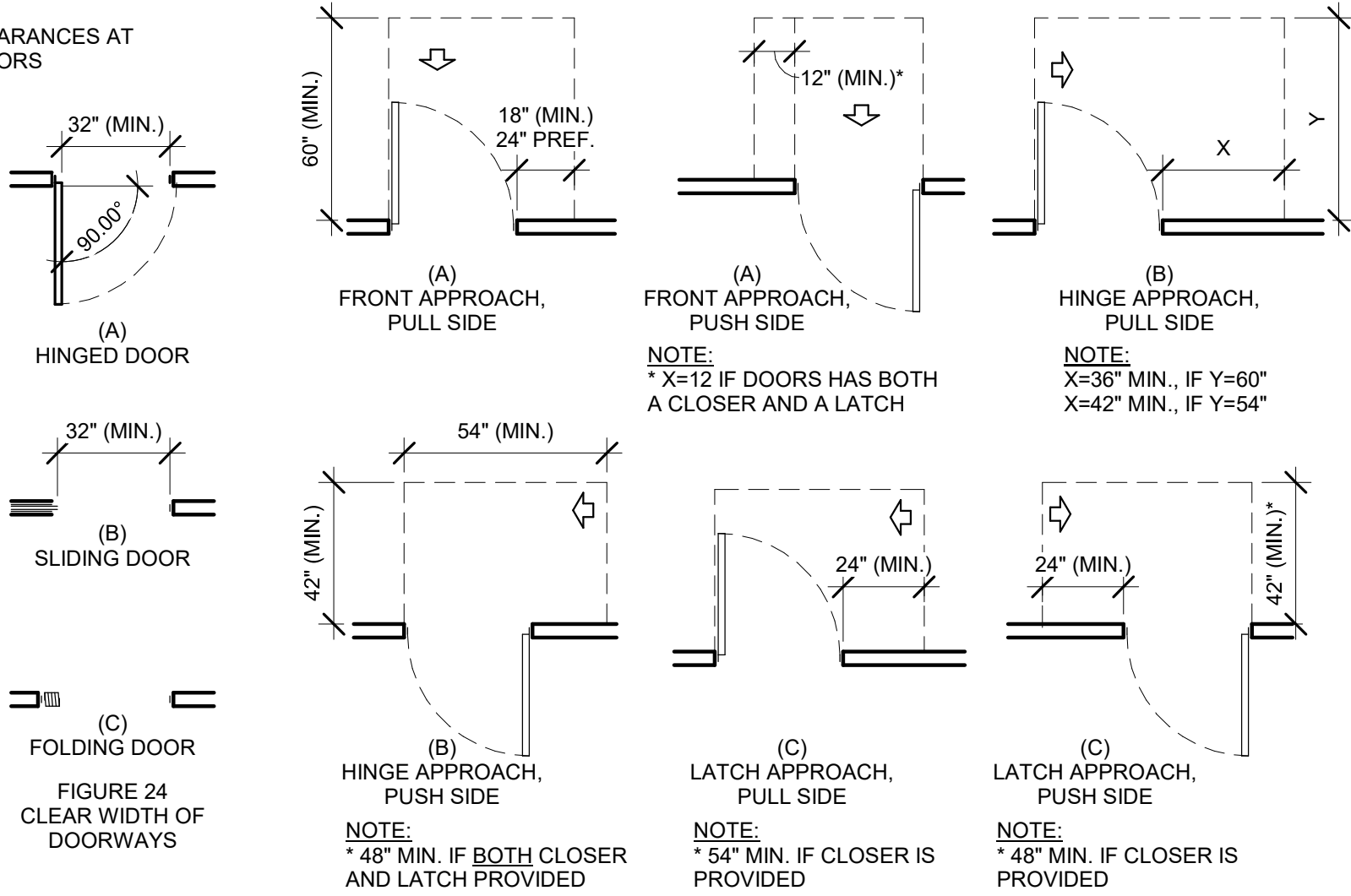


FIGURE 27
DRINKING FOUNTAINS AND
WATER COOLERS

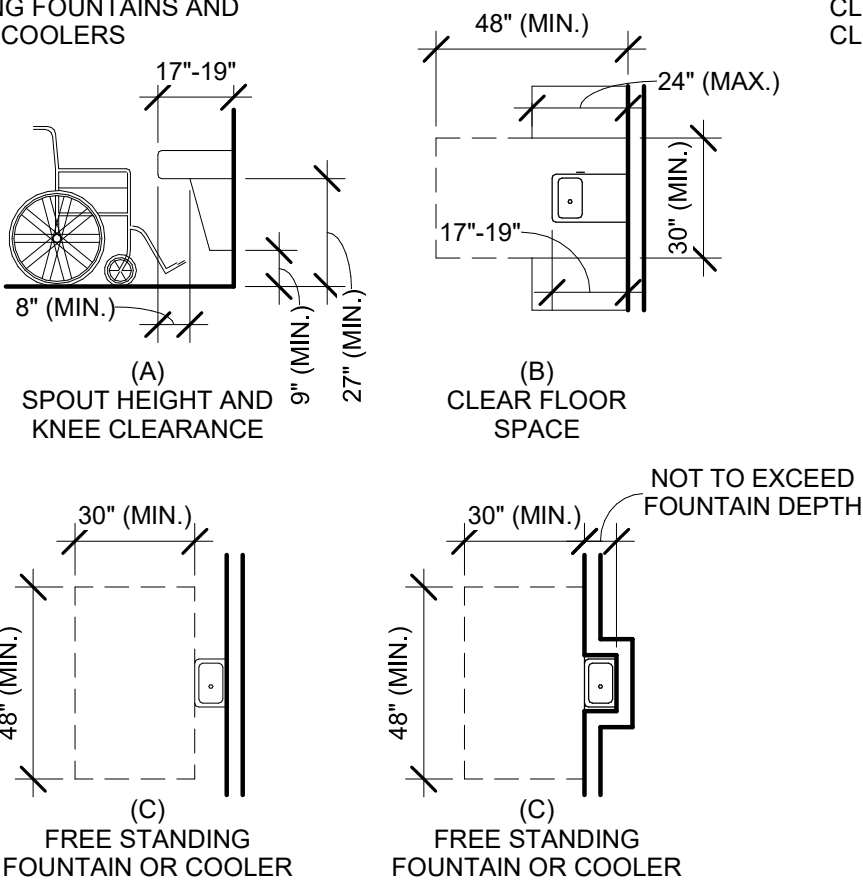


FIGURE 28
CLEAR FLOOR SPACE AT WATER
CLOSET (NOT IN STALL)

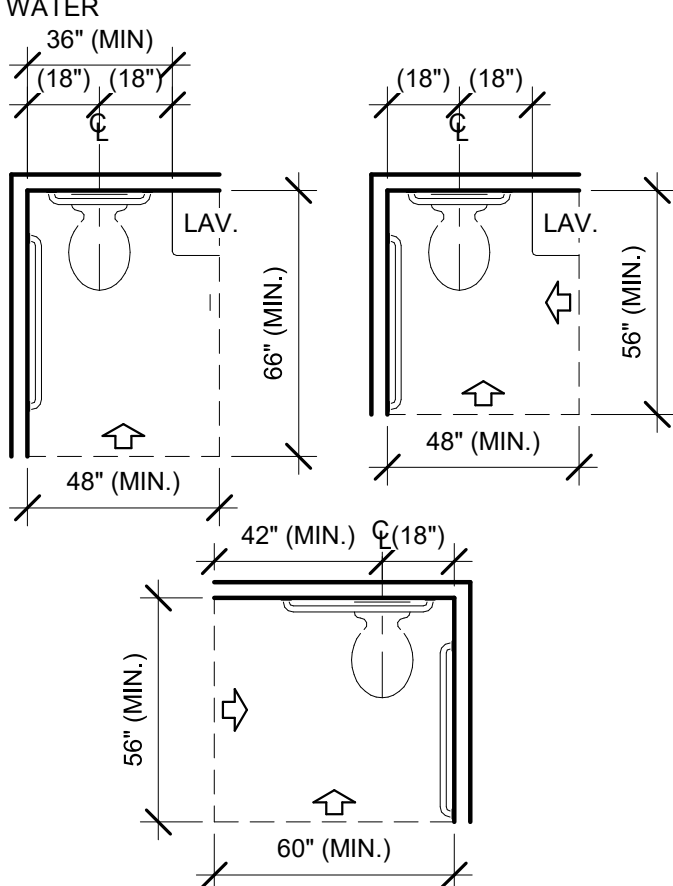


FIGURE 29
GRAB BARS AT WATER CLOSETS

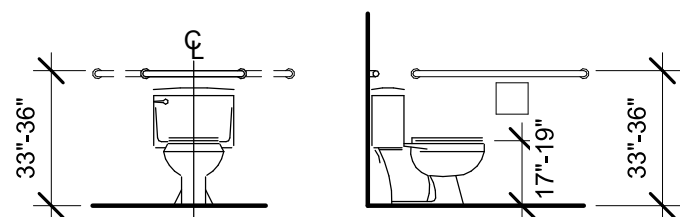


FIGURE 31
LAVATORY CLEARANCES

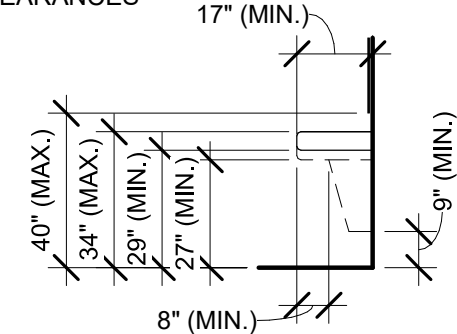


FIGURE 32
CLEAR FLOOR SPACE AT
LAVATORIES

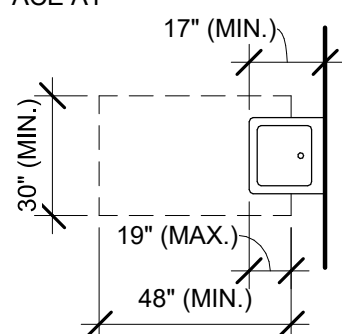
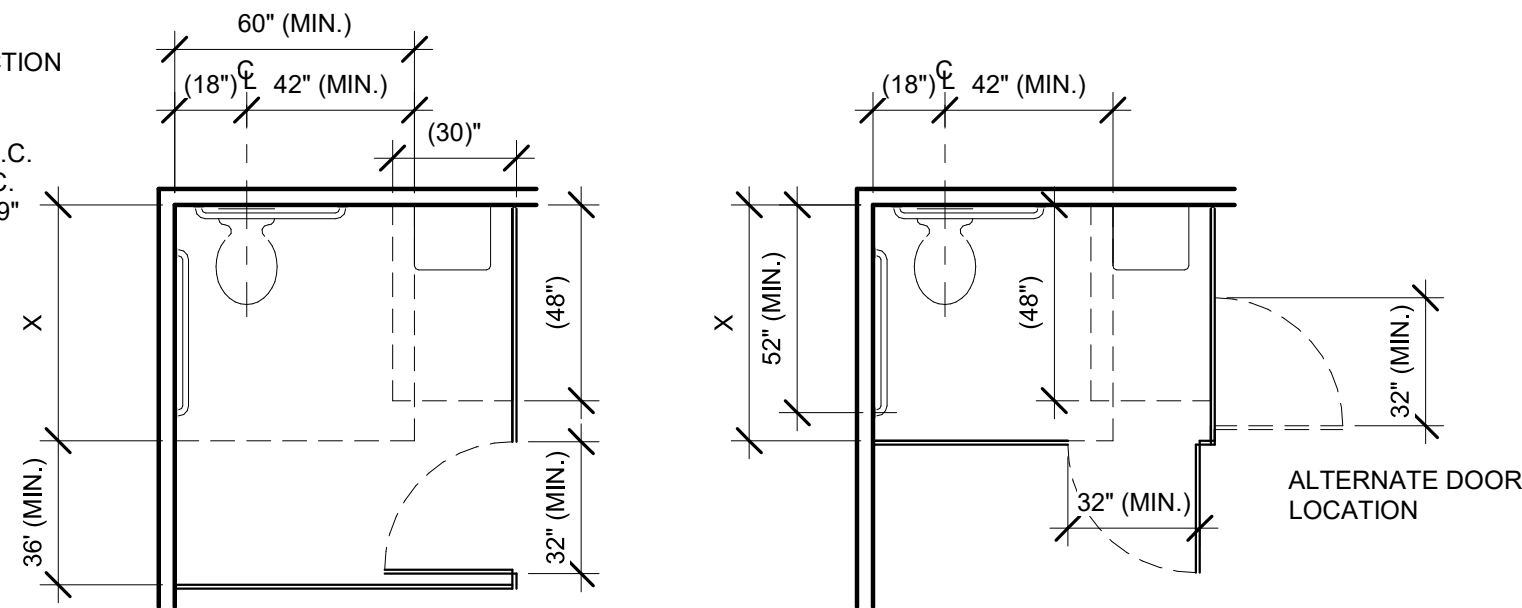
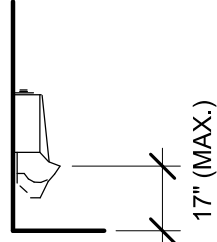


FIGURE 30a
TOILET STALL - NEW CONSTRUCTION

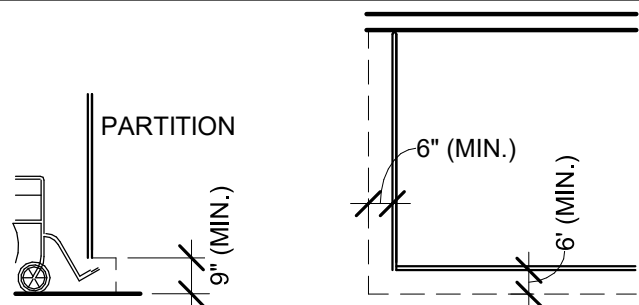
NOTE:
1. X = 59" (MIN.) IF FLOOR MTD. W.C.
X = 56" (MIN.) IF WALL MTD. W.C.
2. LAVATORY 17" (MIN.) DEEP x 19" (MIN.) WIDE



URINAL MOUNTING HEIGHT

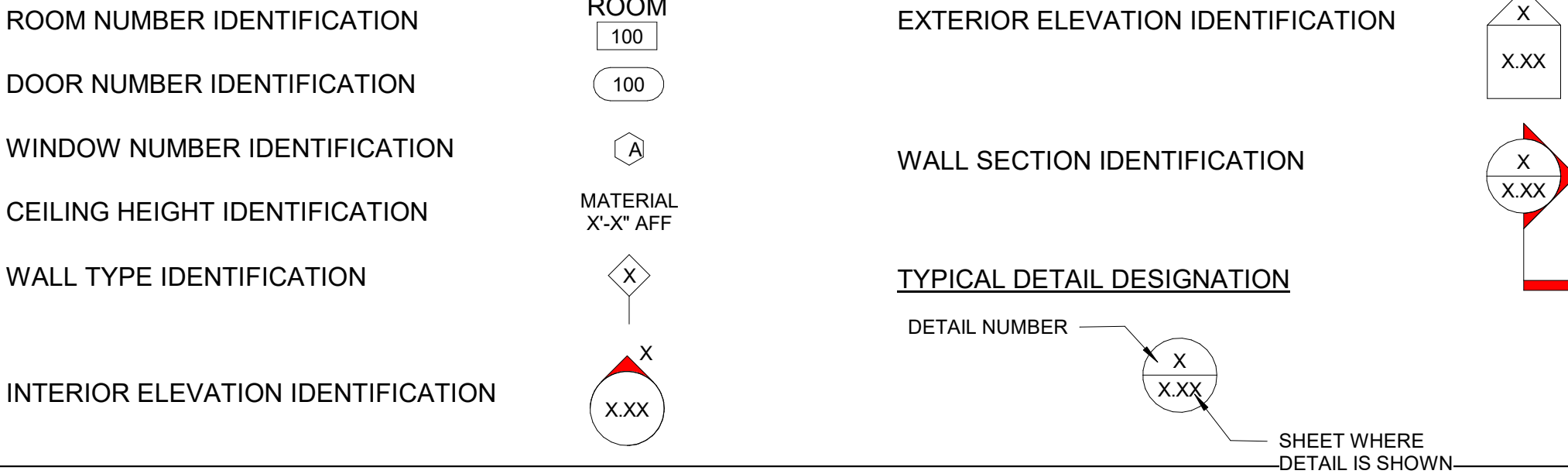


TOE CLEARANCE AT
TOILET PARTITIONS

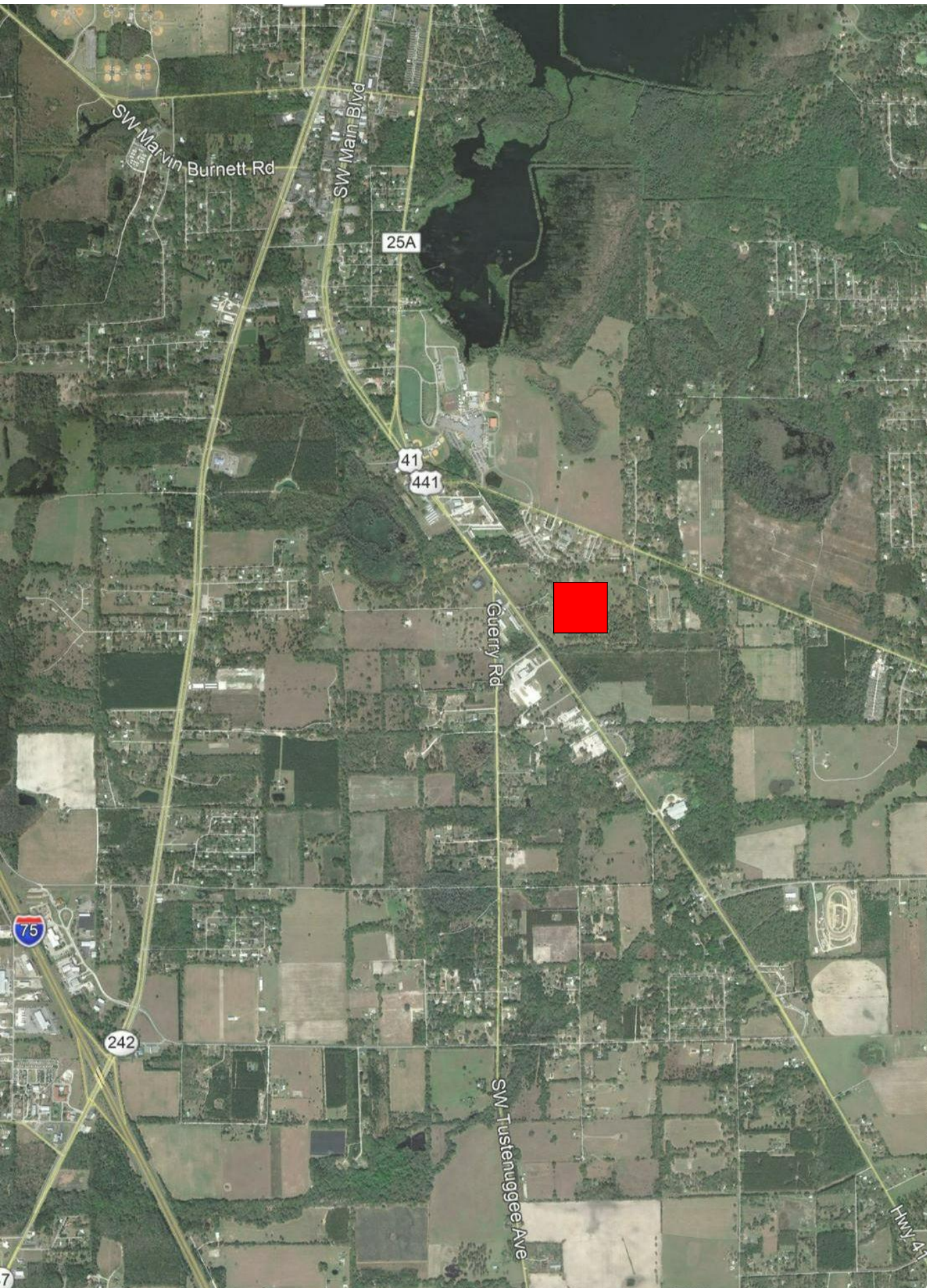


1. **DRAWINGS ARE NOT TO BE SCALED** FOR INFORMATION.
2. VERIFY ALL FIELD CONDITIONS AND NOTIFY ARCHITECT OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK.
3. ALL WORK SHALL CONFORM TO THE REQUIREMENTS OF MUNICIPAL, LOCAL, OR FEDERAL AND STATE LAWS, AS ANY OTHER GOVERNING AGENCIES HAVING JURISDICTION WHETHER OR NOT SPECIFIED ON DRAWINGS.
4. MAINTAIN A CURRENT AND COMPLETE SET OF CONTRACT DOCUMENTS AT THE JOB SITE.
5. MAINTAIN A TELEPHONE WITH WORKING PHONE LINES THROUGHOUT THE PROGRESS OF THE WORK.
6. ERECT AND MAINTAIN, AS REQUIRED BY EXISTING FIELD CONDITIONS, THROUGHOUT THE ENTIRE PORTION OF THE WORK, ALL SAFEGUARDS AND BARRICADES FOR SAFETY INCLUDING POSTING WARNING SIGNS, ENFORCING SAFETY REGULATIONS AND PROTECTION OF PROPERTY.
7. CHECK ALL CEILING HEIGHTS AND POSSIBLE CEILING PLENUM CONDITIONS FOR CLEARANCE OF DUCT-WORK AND ALL OTHER CONSTRAINTS TO ASSURE THE LOCATION OF THE LIGHT FIXTURES AS SHOWN ON THE LIGHTING PLAN. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT IN WRITING BEFORE PROCEEDING WITH THE WORK.
8. PRIOR TO CLOSING OF ANY CEILING, ALL MECHANICAL SYSTEMS (I.E. H.V.A.C., PLUMBING AND ELECTRIC) SHALL BE INSPECTED AND WHERE REQUIRED, TESTED BY THE LOCAL AUTHORITIES HAVING JURISDICTION TO INSURE THEIR PROPER INSTALLATION AND FUNCTION.
9. CEILING HEIGHTS ARE DIMENSIONED IN RELATIONSHIP TO THE FINISHED FLOOR AND/OR DECK.
10. LIGHT FIXTURES SHOWN IN ACOUSTICAL TILE CEILINGS SHALL BE LOCATED IN THE CENTER OF THE NEAREST LOCATED TILE, UNLESS OTHERWISE NOTED ON THE PLANS.
11. INSTALL ALL LIGHT FIXTURES INCLUDING LIGHT IN CABINET WORK, UNLESS OTHERWISE NOTED.
12. ALL ELECTRICAL WORK SHALL BE COORDINATED WITH H.V.A.C. WORK, PLUMBING, WOODWORK, PARTITION WORK ETC., WHERE REQUIRED.
13. COORDINATE ALL TELEPHONE WORK WITH OWNERS REPRESENTATIVE AND LOCAL TELEPHONE COMPANY BEFORE STARTING WORK.

SYMBOL LEGEND



PROJECT MAP

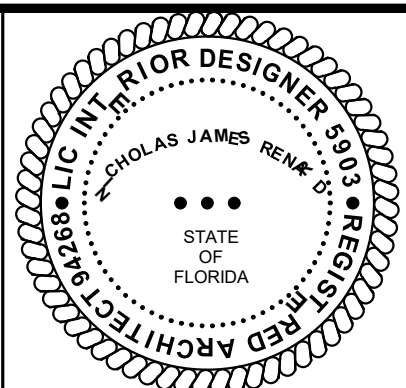


AREA OF WORK



SCHEMATIC : - PERMIT : 20.04.13
BID : - BUILD : -

REVISIONS



20.0113

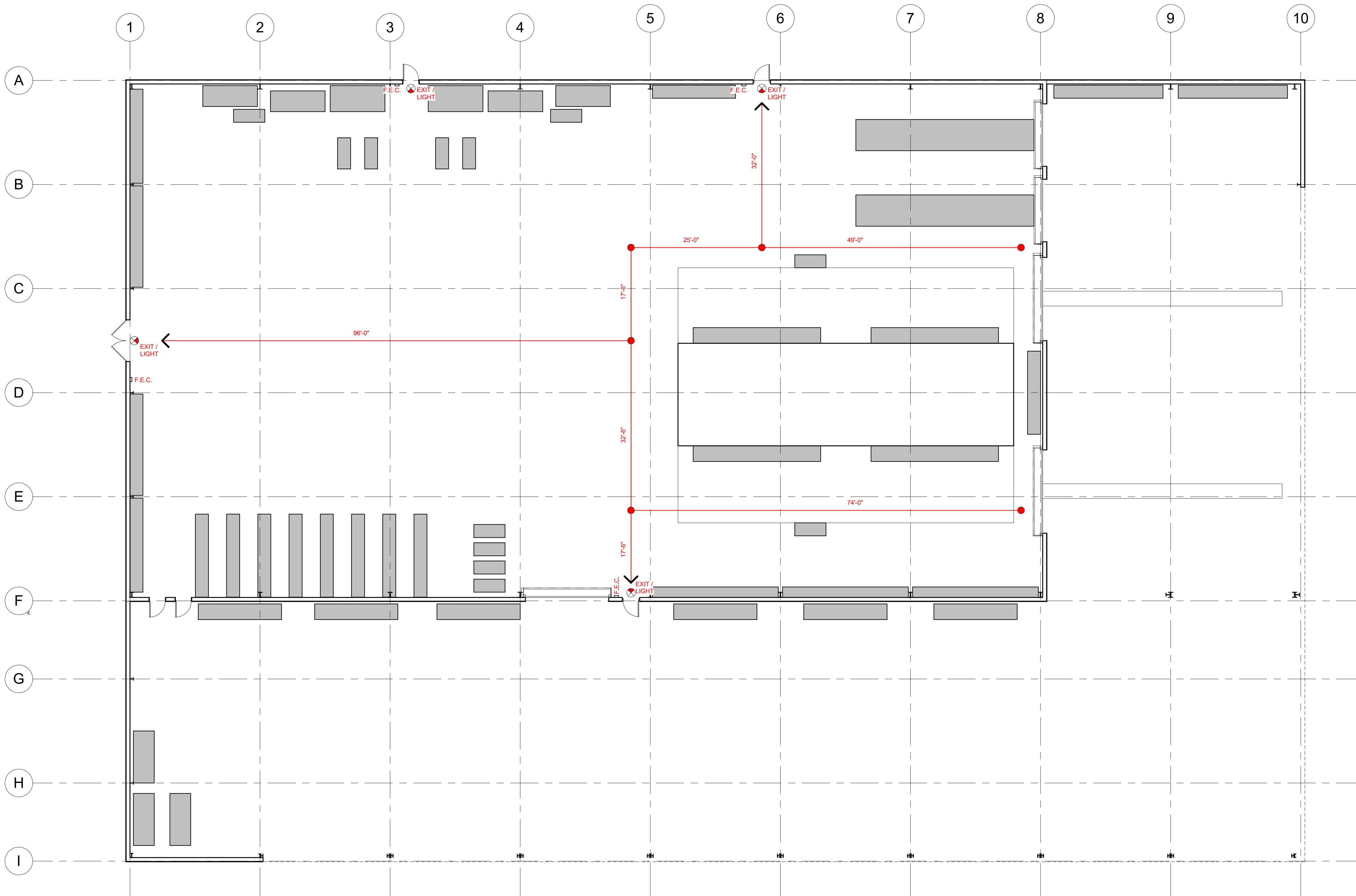
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LAKE CITY, FLORIDA 32025

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INDEX



LIFE SAFETY



BUILDING CODE SUMMARY

PROJECT DATA	PROJECT:	CAPITAL METALS		
	LOCATION:	LAKE CITY, FLORIDA		
	BUILDING CODE:	FLORIDA BUILDING CODE 6TH EDITION (2017) FLORIDA FIRE PREVENTION CODE 6TH EDITION, 2017 EDITION		
	BUILDING AREA:	ENCLOSED:	17,684 SF	
		UNDERROOF:	16,266 SF	
	TOTAL:	33,950 SF		
	BUILDING HEIGHT:	SINGLE STORY		
SCOPE OF WORK	NEW PRE-ENGINEERED METAL BUILDING FOR THE FABRICATION OF METAL PRODUCTS.			
FLORIDA BUILDING CODE: BUILDING 6TH EDITION (2017)				
CHAPTER 3 USE AND OCCUPANCY	304.1:	FACTORY GROUP F - F-1 MODERATE HAZARD FACTORY INDUSTRIAL METAL FABRICATION USE		
CHAPTER 5 GENERAL BUILDING HEIGHTS AND AREAS	TABLE 506.2:	ALLOWABLE AREA FOR THYPE IIB SINGLE STROY SPRINKLED BUILDING: 62,000 SF		
CHAPTER 6 TYPES OF CONSTRUCTION	TABLE 601:	ASSEMBLY BUILDING - <u>IIB</u>		
		BUILDING ELEMENT	RATING	
		STRUCTURE FRAME	0 HOURS	
		BEARING WALLS		
		EXTERIOR	0 HOURS	
		INTERIOR	0 HOURS	
		NON BEARING WALLS	0 HOURS	
		EXTERIOR	0 HOURS	
		INTERIOR	0 HOURS	
		FLOOR CONSTRUCTION	0 HOURS	
		ROOF CONSTRUCTION	0 HOURS	
CHAPTER 8 INTERIOR FINISHES	TABLE 803.11:	INTERIOR WALL AND CEILING FINISH SHALL HAVE A FLAME SPREAD INDEX NOT GREATER THAN:		
		VERT. EXITS & EXIT PASSAGEWAYS	EXIT ACCESS CORR./ OTHER EXITS	ROOMS & ENCLOSED SPACES
		GROUP F1	C	C
CHAPTER 9 FIRE PROTECTION SYSTEM	FIRE SPRINKLER SYSTEM - YES			
CHAPTER 10 MEANS OF EGRESS	TABLE 1004.1.2:	MAXIMUM FLOOR AREA ALLAOWANCE PER OCCUPANT FACTORY (17,684 SF) (100 SF/OCCUPANT) TOTAL OCCUPANTS		
		176 OCCUPANTS		
		176 OCCUPANTS		
	1005.3.2	EGRESS WIDTH PER OCCUPANT SERVED 176 x 0.2 = 35.2 INCHES 204 INCHES PROVIDED AT FIVE (5) DOORS		
	TABLE 1006.3.1	MINIMUM NUMBER OF EXISTS REQUIRED - 2 EXISTS PROVIDED - <u>3</u>		
	1010.1.1:	MIN. CLEAR OPENING FOR EXIT DOORS REQUIRED -32" MIN. CLEAR OPENING FOR <u>EXISTING</u> DOORS - <u>36"</u>		
	TABLE 1017.2	MINIMUM EXIT ACCESS TRAVEL DISTANCE - 250' ACTUAL TRAVEL DISTANCE - <u>187'-6"</u>		
CHAPTER 11 ACCESSIBLE ELEMENT AND SPACES	ADA COMPLIANT: <u>YES</u>			
	404.2.7 (ACCESSINILITY CODE)	HANDLES, PULLS, LATCHES AND OTHER OPERATING DEVICES ON ACCESSIBLE DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING, OR TWISTING OF THE WRIST TO OPERATE. LEVER-OPERATED MECHANISMS, PUSH-TYPE MECHANISMS AND U-SHAPED HANDLES ARE ACCEPTABLE DESIGNS. HARDWARE SHALL BE MOUNTED NO HIGHER THAN 48 INCHES A.F.F.		

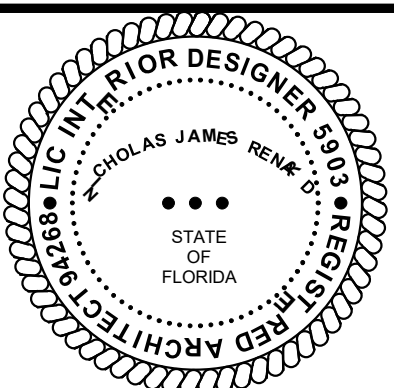
NFPA CODE SUMMARY

NFPA 101 2015 EDITION	
OCCUPANCY TYPE:	FACTORY
BUILDING CONSTRUCTION TYPE:	IIB
GROSS SQUARE FOOTAGE:	17,684 SF
NUMBER OF STORIES:	1 STORY
BUILDING HEIGHT:	25'-6" TO EAVE
INTERIOR WALL AND CEILING FINISH REQUIREMENTS:	INTERIOR FINISHED SHALL BE IN ACCORDANCE WITH NFPA 101 SECTION 10.2
ALLOWABLE DEAD END LIMITS:	NO DEAD END CORRIDORS
ALLOWABLE COMMON PATH TRAVEL LIMITS:	NO COMMON TRAVEL PATHS
ALLOWABLE TRAVEL DISTANCE LIMITS:	250'
FIRE PROTECTION SYSTEM:	YES
6TH EDITION FFPC COMPLIANCE:	YES



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