OCCUPANCY CLASSIFICATION	MAX TRAVEL DIST TO EXIT (FT) FBC TABLE 1016.1 UN SPRINK	SPRINK	MAX DEAD END CORR LENGTH (FT)	EGRESS WIDTH PER PERSONS SERVED (IN) TABLE 1005.1 FBC LEVEL	STAIRS	MIN CORRIDOR AISLE WIDTH (IN) 1017.2 FBC	MIN CLEAR WIDTH OF DOORS (IN)	MIN STAIR WIDTH (IN)
GROUP A-3 ASSEMBLY	200	300	20	0.2	0.3	44	32	44

BUILDING COMPLIANCE
AS PER TABLE 803.5 FBC 2007 MINIMUM INTERIOR FINISH CLASSIFICATION

OCCUPANCY CLASSIFICATION	WITHOUT SPRINKLER SYSTEM		
	EXIT ENCLOSURES AND EXIT PASSAGEWAYS	EXIT ACCESS CORRIDORS AND OTHER EXITWAYS **	ROOMS AND ENCLOSED SPACES
GROUP A-3 ASSEMBLY	CLASS A: FLAME SPREAD 0-25+ SMOKE DEVELOPED 0-450	CLASS A: FLAME SPREAD 0-25+ SMOKE DEVELOPED 0-450	CLASS C: FLAME SPREAD 76-200+ SMOKE DEVELOPED 0-450

** LOBBY AREAS IN GROUP A-3 OCCUPANCIES SHALL NOT BE LESS THAN CLASS B MATERIALS

OCCUPANCY CLASSIFICATION	NUMBER OF PLUMBING FIXTURES REQUIRED PER F.B.C. 403.1-403.3 PLUMBING CODE						
	WATER CLOSETS		LAVATORIES	SHOWER	DRINKING FOUNTAIN	SERVICE SINK	URINALS SECT 419.2
GROUP A-3 ASSEMBLY	MALE	FEMALE	1 PER 200	N/A	1 PER 1000	N/A	50% WATER CLOSET
	1 PER 50	1 PER 75					
	MALE	FEMALE	MALE FEMALE				
REQUIRED	3.4	2.21	3.4	N/A	1	1	0
PROVIDED	2 TOILETS, 1 URINAL AND 1 PRIVATE RESTROOM	2 TOILETS AND 1 PRIVATE RESTROOM	2 MALE + 2 FEMALE + 2 PRIVATE RESTROOMS	N/A	1	1	1

BASED ON TOTAL OCCUPANCY = 340

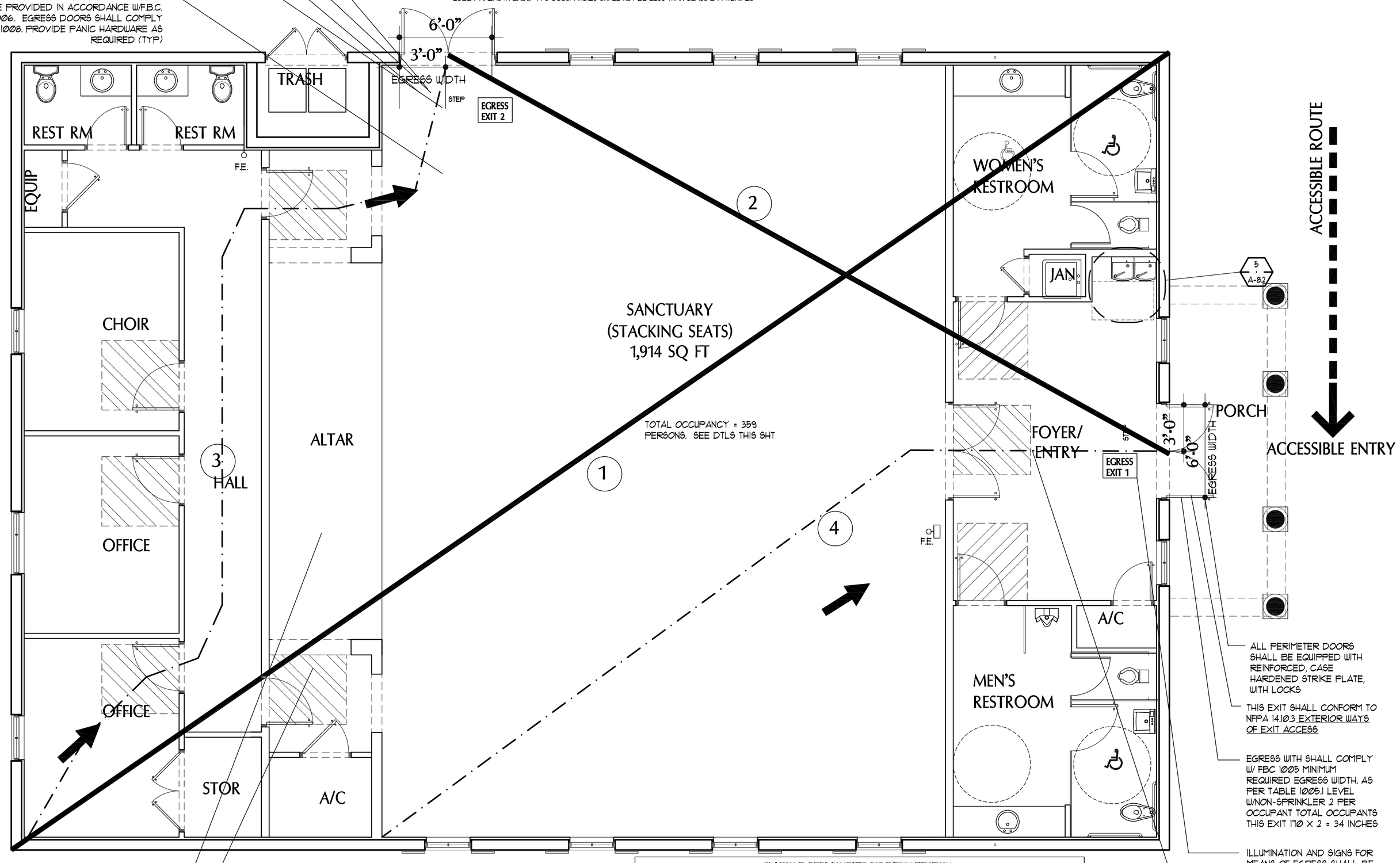
EMERGENCY LIGHTING. SEE ELECTRICAL PLAN FOR DTLS AND NOTES

REAR DOOR SHALL HAVE 180 DEGREE PEEP HOLE OR SECURITY WINDOW

THIS EXIT SHALL CONFORM TO NFPA 14.10.3 EXTERIOR WAYS OF EXIT ACCESS

EGRESS WITH SHALL COMPLY W/ FBC 1005 MINIMUM REQUIRED EGRESS WIDTH. AS PER TABLE 1005.1 LEVEL W/OUT SPRINKLER .2 PER OCCUPANT TOTAL OCCUPANTS THIS EXIT 170 X .2 = 34 INCHES

ILLUMINATION AND SIGNS FOR MEANS OF EGRESS SHALL BE PROVIDED IN ACCORDANCE W/F.B.C. SECT 1006. EGRESS DOORS SHALL COMPLY W/SECT 1008. PROVIDE PANIC HARDWARE AS REQUIRED (TYP)



ALL PERIMETER DOORS SHALL BE EQUIPPED WITH REINFORCED, CASE HARDENED STRIKE PLATE, WITH LOCKS

THIS EXIT SHALL CONFORM TO NFPA 14.10.3 EXTERIOR WAYS OF EXIT ACCESS

EGRESS WITH SHALL COMPLY W/ FBC 1005 MINIMUM REQUIRED EGRESS WIDTH. AS PER TABLE 1005.1 LEVEL W/NON-SPRINKLER .2 PER OCCUPANT TOTAL OCCUPANTS THIS EXIT 170 X .2 = 34 INCHES

ILLUMINATION AND SIGNS FOR MEANS OF EGRESS SHALL BE PROVIDED IN ACCORDANCE W/F.B.C. SECT 1006. EGRESS DOORS SHALL COMPLY W/SECT 1008. (TYP)

ENTRY FOYER SHALL COMPLY W/ NFPA 101 13.1.7.2

STAGE SHALL COMPLY W/ FBC 1015.6 STAGE MEANS OF EGRESS, WHERE TWO MEANS OF EGRESS ARE REQUIRED, BASED ON THE STAGE SIZE OR OCCUPANT LOAD, ONE MEANS OF EGRESS SHALL BE PROVIDED ON EACH SIDE OF THE STAGE

SHADED AREAS DENOTE HANDICAP ACCESSIBLE DOOR APPROACH AND MANEUVERING CLEARANCE AT DOOR PER FBC CHAPTER 11 FIGURE 25. SEE DTL SHT A-5.2

THIS BUILDING SHALL BE EQUIPPED W/AN AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE W/ SECTION 903.3.1.1 F.B.C. SPRINKLER CONTRACTOR SHALL SUBMIT SHOP DRAWINGS AND HYDRAULIC CALCULATIONS TO FIRE DEPARTMENT FOR APPROVAL AS PART OF BUILDING PERMIT. CONTRACTOR SHALL PROVIDE A COMPLETE SUPERVISED WORKING SYSTEM INCLUDING ANY AND ALL REQUIRED ENGINEERING FOR WATER CONNECTIONS. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL ASPECTS OF THE FIRE SPRINKLER SYSTEM DESIGN. THIS BUILDING SHALL BE EQUIPPED WITH A FIRE ALARM SYSTEM.

PLUMBING FIXTURES SUGGESTED FOR ENERGY EFFICIENCY

TYPE OF FIXTURE	MODEL/NAME PROVIDED	MODEL NUMBER	LOCATION	MIN FLOW REQUIRED	FLOW PROVIDED
TOILET	MANSFIELD 148 TANK WHITE ECOGANTUM BOWL SMARTHEIGHT ADA ACCESSIBLE	MANF 148-153	BATHROOMS	1.5 GAL/FLUSH	1.0 GPF/3.8 LPF
TOILET SEAT	AMERICAN STANDARD WHITE HEAVY DUTY TOILET SEAT EL	A/S 5901.100.020	BATHROOMS		
H/C SINK FAUCET	AMERICAN STANDARD CHROME MONT C'SET 4 IN WRIST BLADE HDL MTL	A/S 5501.175.002	BATHROOMS	5 GAL/MIN MAX	5 GAL/MIN MAX
MOP SINK FAUCET	AMERICAN STANDARD HERT SER SINK FTG 3" SPT 3/4 ECC SHK ADA COMPLIANT	A/S 8340.235.004	LAUNDRY	5 GAL/MIN MAX	5 GAL/MIN MAX
HAND SINK FAUCETS	AMERICAN STANDARD C'SET LEVER HDL MTL POPUP VRO 5 GPM	A/S 5501.145.002	TREATMENT MASSAGE ROOM LOUNGE	5 GAL/MIN MAX	5 GAL/MIN MAX
PEDESTAL SINK AND FAUCET	AMERICAN STANDARD CADET PEDESTAL LAVATORY 4" CC WHITE MONT C'SET LEVER HDL MTL POPUP VRO 5 GPM	A/S 0136.411.020 A/S 5501.145.002	PRIVATE/ OWNER BATHROOM	5 GAL/MIN MAX	5 GAL/MIN MAX

OCCUPANCY

OCCUPANCY ASSEMBLY GROUP A-3
PLACE OF WORSHIP - AS PER SECTION 304 FBC

OCCUPANCY LOAD AS PER TABLE 1004.1.1 FBC 2007:

FUNCTION OF SPACE	SQ FT	REQUIRED	TOTAL
ENTRY	294	5	58.8
RESTROOMS/HALL/BUSINESS AREAS	1,302	100	13.02
SANCTUARY (ASSEMBLY W/O FIXED SEATS)	1914	1 NET	273.43
STAGE/PLATFORM	186	15	12.4
STORAGE/MECHANICAL	179	300	.60
TOTAL	3,875 SF		358.25

OCCUPANCY LOAD AS PER TABLE 14.8.1.2 NFPA1 (7.3.1.2 NFPA 101):

FUNCTION OF SPACE	SQ FT	REQUIRED	TOTAL
ENTRY/WAITING (PER NFPA101 13.1.7.2)	294	3	98
RESTROOMS/HALL/BUSINESS AREAS	1,302	100	13.02
SANCTUARY (ASSEMBLY W/O FIXED SEATS)	1914	1 NET	273.43
STAGE/PLATFORM	186	15	12.4
STORAGE/MECHANICAL	179	300	.36
TOTAL	3,875 SF		397.21

2 OCCUPANCY LOAD

1. ALL VERTICAL CHASES AND PENETRATIONS THRU SLABS MUST BE 2 HOUR FIRE RATED.

2. PENETRATIONS THRU RATED WALLS MUST BE SEALED BY AN APPROVED THROUGH PENETRATION PROTECTION SYSTEM TESTED IN ACCORDANCE WITH ASTM E814

3. THIS BUILDING SHALL BE EQUIPPED W/FIRE EXTINGUISHERS. THIS BUILDING SHALL BE EQUIPPED WITH A FIRE ALARM SYSTEM. SEE ELECTRICAL AND FIRE PROTECTION DRAWINGS FOR DTLS
4. EXIT SIGN SHALL HAVE THE WORD "EXIT" IN PLAIN LEGIBLE LETTERS EACH LETTER AT LEAST 6 INCHES HIGH BY 2 INCHES WIDE, EXCEPT THE LETTER "I"
5. DIRECTIONAL INDICATOR OF EXIT SIGN SHALL BE A CHEVRON-TYPE INDICATOR, OUTSIDE OF THE WORD EXIT, SIMILAR DIMENSIONS AS DESCRIBED ABOVE.
6. ANY DOOR, PASSAGE OR STAIRWAY THAT IS NOT AN EXIT, NOR A WAY TO AN EXIT, AND THAT IS LOCATED SO THAT IS LIKELY TO BE MISTAKEN FOR AN EXIT, SHALL BE IDENTIFIED BY A SIGN THAT READS: NO EXIT, PER FIELD CONDITIONS.
7. EMERGENCY BATTERY BACK UP LIGHTS SHALL BE CLEARLY VISIBLE FACING THE PUBLIC. UNITS SHALL HAVE EASY ACCESS OR PROVISIONS FOR EMERGENCY ACCESS WHEN EXTINGUISHER IS BEHIND A GLASS CABINET.
8. ALL LIFE SAFETY COMPONENTS IN THESE PLANS SHALL BE PROVIDED WITH A SET OF MAINTENANCE INSTRUCTIONS TO BE DELIVERED TO THE OWNER/OPERATOR. THOSE INSTRUCTIONS SHALL MATCH OR EXCEED THE REQUIREMENTS OF NFPA 10-CHAPTER 4 FOR EXTINGUISHERS AND NFPA1-CHAPTER 4 FOR EMERGENCY LIGHTING AND EXIT SIGNS.
9. DOOR OPENINGS IN MEANS OF EGRESS SHALL NOT BE LESS THAN 32 INCHES IN CLEAR WIDTH (NFPA 101/7.2.1.2.3.)
10. A MINIMUM OF TWO EXITS LOCATED REMOTE FROM EACH OTHER SHALL BE ACCESSIBLE FROM EACH FLOOR, FIRE COMPARTMENT OR SMOKE COMPARTMENT OF THE BUILDING

3 GENERAL NOTES

① TOTAL DIAGONAL DISTANCE OF BUILDING = 91'-1" MEASURED AND TO COMPLY W/SECTION 1015.2.1 FBC AND NFPA1 14.10.1.3.1

② DIAGONAL DISTANCE BETWEEN EXISTS SHALL COMPLY W/NFPA101 7.5.1.3.2 AND 7.5.1.3.3 AND NFPA1 14.10.1.3.2 AND FBC 1015.2.1
DIAGONAL DISTANCE 91'-1" X 1/3 +30'-4" MINIMUM PER FBC 1015.2.1 AND NFPA1 14.10.1.3.3

TOTAL DISTANCE PROVIDED= 53'-4"

③ LONGEST TRAVEL DISTANCE EXIT 2 = 65'-10" COMPLYS W/FBC TABLE 1016.1 OCCUPANCY GROUP A-3 WITHOUT SPRINKLER SYSTEM MAX 200 FEET

④ LONGEST TRAVEL DISTANCE SERVED BY EGRESS EXIT 1 = 58'-4" COMPLIES W/FBC TABLE 1016.1 OCCUPANCY GROUP A-3 WITHOUT SPRINKLER SYSTEM MAX 200 FEET

FIRE EXTINGUISHER
NEW FIRE EXTINGUISHER TO COMPLY W/NFPA 10. KIDDE 10 LB CLASS A, B AND C PRO-LINE MULTI PURPOSE RECHARGEABLE. UL LISTED 4-A 60-B:C. ONE PER 2500 SF. TOTAL 2 PROVIDED. MOUNT FIRE EXTINGUISHER WITH THE TOP OF UNIT AT 60" AFF MAXIMUM BUT NO LESS THAN 42" AFF MINIMUM. SEE DTL SHT A-4

NOTE: KEYS 3, AND 4 NOTE THE LONGEST TRAVEL DISTANCES FROM ANY POINT TO EXIT EGRESS DOORS.

HANDICAP ACCESSIBLE ENTRANCE DOOR TO COMPLY W/FBC 2007 11-4.12, 11-4.13 & 11-4.43

SYMBOL REPRESENTING THE ACCESSIBLE ROUTE (PATH OF TRAVEL) FROM THE ACCESSIBLE ENTRANCE TO THE ACCESSIBLE PARKING SPACE. MIN CLEAR WIDTH SHALL BE 36 INCHES EXCEPT AT CURB RAMPS THAT ARE PART OF A REQUIRED MEANS OF EGRESS WHICH SHALL BE NOT LESS THAN 44 INCHES. ROUTE IS DESIGNED IN ACCORDANCE WITH 2007 F.B.C. SECTION 11-4.3 AND 11-4.6.

4 KEY NOTES

NFPA1
14.10.1.3.1 WHERE MORE THAN ONE EXIT IS REQUIRED FROM A BUILDING OR PORTION THEREOF, SUCH EXITS SHALL BE REMOTELY LOCATED FROM EACHOTHER AND SHALL BE ARRANGED AND CONSTRUCTED TO MINIMIZE THE POSSIBILITY THAT MORE THAN ONE HAS THE POTENTIAL TO BE BLOCKED BY ANY ONE FIRE OR EMERGENCY CONDITION.

14.10.1.3.2 WHERE TWO EXIT OR EXIT ACCESS DOORS ARE REQUIRED, THEY SHALL BE PLACED AT A DISTANCE FROM ONE ANOTHER NOT LESS THAN ½ THE LENGTH OF THE MAXIMUM OVERALL DIMENSION OF THE BUILDING OR AREA TO BE SERVED, MEASURED IN A STRAIGHT LINE FROM THE NEAREST EXIT DOOR.

14.10.1.3.3 IN BUILDINGS PROTECTED THROUGHT BY AN APPROVED AUTOMATIC SPRINKLER SYSTEM IN ACCORDANCE WITH SECTION 13.3, THE MINIMUM SEPARATION DISTANCE BETWEEN TWO EXISTS SHALL BE NOT LESS THAN ⅓ THE DIAGONAL

5 NFPA SECTIONS

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REVISIONS
JUNE-6-11
SUBMITTAL TO TECHNICAL ADVISORY COMMITTEE
SEPT-19-11
RESUBMITTAL TO TECHNICAL ADVISORY COMMITTEE

Date Of Issue
SEPT-6-11

LIFE SAFETY

A-1.2

1 FIRST FLOOR - LIFE SAFETY PLAN

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

NORTH