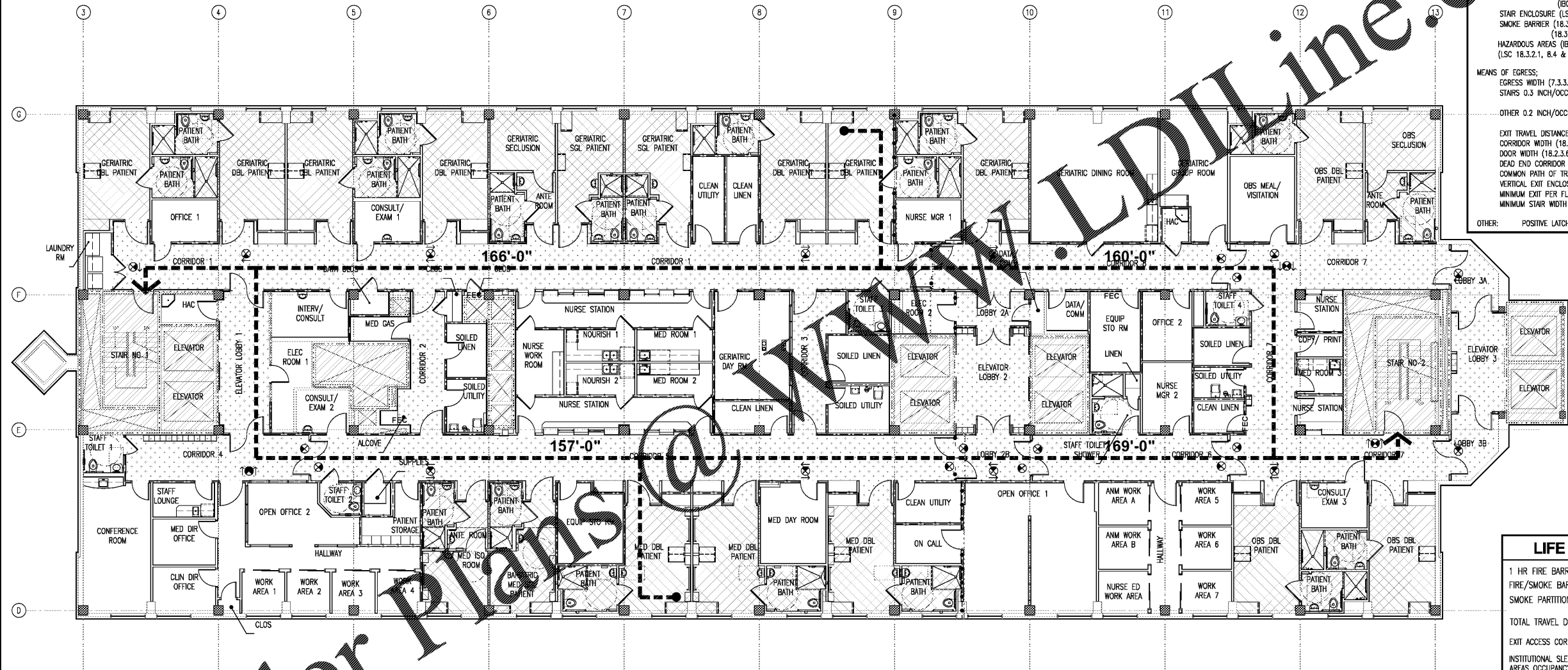


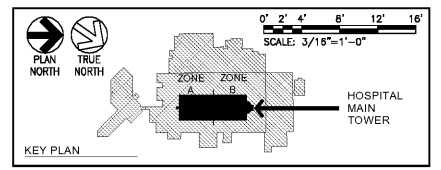
CODE ANALYSIS - FIFTH FLOOR

OCCUPANCY CLASSIFICATIONS:	INSTITUTIONAL GROUP I2 BY IBC 2012 NEW CONSTRUCTION SHALL CONFORM TO 2015, NFPA 101 LIFE SAFETY CODE CHAPTER 18.
OCCUPANCY LOAD (LSC TABLE 7.3.1.2)	22,811 TOTAL GROSS SF (1624 sf of vertical chases)
FIFTH FLOOR:	120 gross sf/occupant Sleeping Areas: 5278 sf/120= 44 240 gross sf/occupant Inpatient Treatment Areas: 15,590 sf/240= 66
	TOTAL OCCUPANT LOAD = 110
CONSTRUCTION TYPE (LSC TABLE 18.1.6.1):	(LSC) TYPE II (222) SPRINKLERED (BC) TYPE 1A (3.3.2)
ALLOWABLE HEIGHT (TABLE 18.1.6.1):	12 STORIES
ALLOWABLE AREA (TABLE 503, IBC 2012):	37,500 SF/FLOOR
REQUIRED RAILINGS (TABLE A.8.2.1.2):	EXISTING 3 HOUR 3 HOUR 2 HOUR
FLUSH CONSTRUCTION	
CORRIDOR WALLS (LSC 18.3.6) (IBC 407.3)	0 HOURS (SMOKE-TIGHT)
STAIR ENCLOSURE (LSC 8.6.5)	2 HOURS REQUIRED
SMOKE BARRIER (18.3.7) (18.3.7.3)	2 HOUR
HAZARDOUS AREAS (IBC 710) (LSC 18.3.2.1, 8.4 & 8.7)	0 HOURS (SMOKE PARTITION) 0 HOURS (SMOKE PARTITION)
MEANS OF EGRESS:	
EGRESS WIDTH (7.3.3.1)	
STAIRS 0.5 INCH/OCCUPANT SERVED	0.3"x110 = 33" REQUIRED 96" AVAILABLE
OTHER 0.2 INCH/OCCUPANT SERVED	0.2"x110 = 22" REQUIRED 108" AVAILABLE
EXIT TRAVEL DISTANCE (18.4.3.4.2)	200 FT
CORRIDOR WIDTH (18.2.3.5)	8'-0" PROVIDED (MIN. 72" REQD)
DOOR WIDTH (18.2.3.6 & 7.2.1.2.3.2)	32 IN
DEAD END CORRIDOR (18.2.5.2)	30 FT
COMMON PATH OF TRAVEL (18.2.5.3)	100 FT
VERTICAL EXIT ENCLOSURE (7.1.3.2.1)	2 HR.
MINIMUM EXIT PER FLOOR (7.4)	3
MINIMUM STAIR WIDTH (TABLE 7.2.2.1.2(b))	44 IN
OTHER:	POSITIVE LATCHING AT CORRIDOR DOORS (18.3.6.3.5)





LIFE SAFETY PLAN LEGEND

1 HR FIRE BARRIER	---
FIRE/SMOKE BARRIER-2 HR RATED	----
SMOKE PARTITION (SMOKE-TIGHT)	-s-s-s-s-
TOTAL TRAVEL DISTANCE TO EXIT	---XXX'--->
EXIT ACCESS CORRIDOR	□
INSTITUTIONAL SLEEPING AREAS OCCUPANCY	▨
INSTITUTIONAL TREATMENT AREAS OCCUPANCY	▩
NOT IN CONTRACT	□
FIRE ALARM PULL DEVICE	□
FIRE EXTINGUISHER CAB.	⊞
EXIT LIGHT	⊙



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1 LIFE SAFETY PLAN - FIFTH FLOOR
(LS101) 1/8" = 1'-0"

<table border="1"> <tr><td>Revisions:</td><td>Date:</td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>	Revisions:	Date:											CONSULTANT 	ARCHITECT/ENGINEER OF RECORD  990 MEANS STREET NW STE. 200 ATLANTA, GA 30318	STAMP 	Office of Construction and Facilities Management VA U.S. Department of Veterans Affairs	Drawing Title LIFE SAFETY PLAN - FIFTH FLOOR Approved: Project Director	Phase FINAL SUBMITTAL FULLY SPRINKLERED	Project Title RENOVATE GERIATRIC-MED-PSYCH INPATIENT 5TH FLOOR Location Atlanta VA Medical Center - Atlanta, Ga. Issue Date 06-07-2019 Checked AJT Drawn DB/MCC	Project Number 508-17-101 Building Number Bldg C: Main Tower Drawing Number LS101
Revisions:	Date:																			