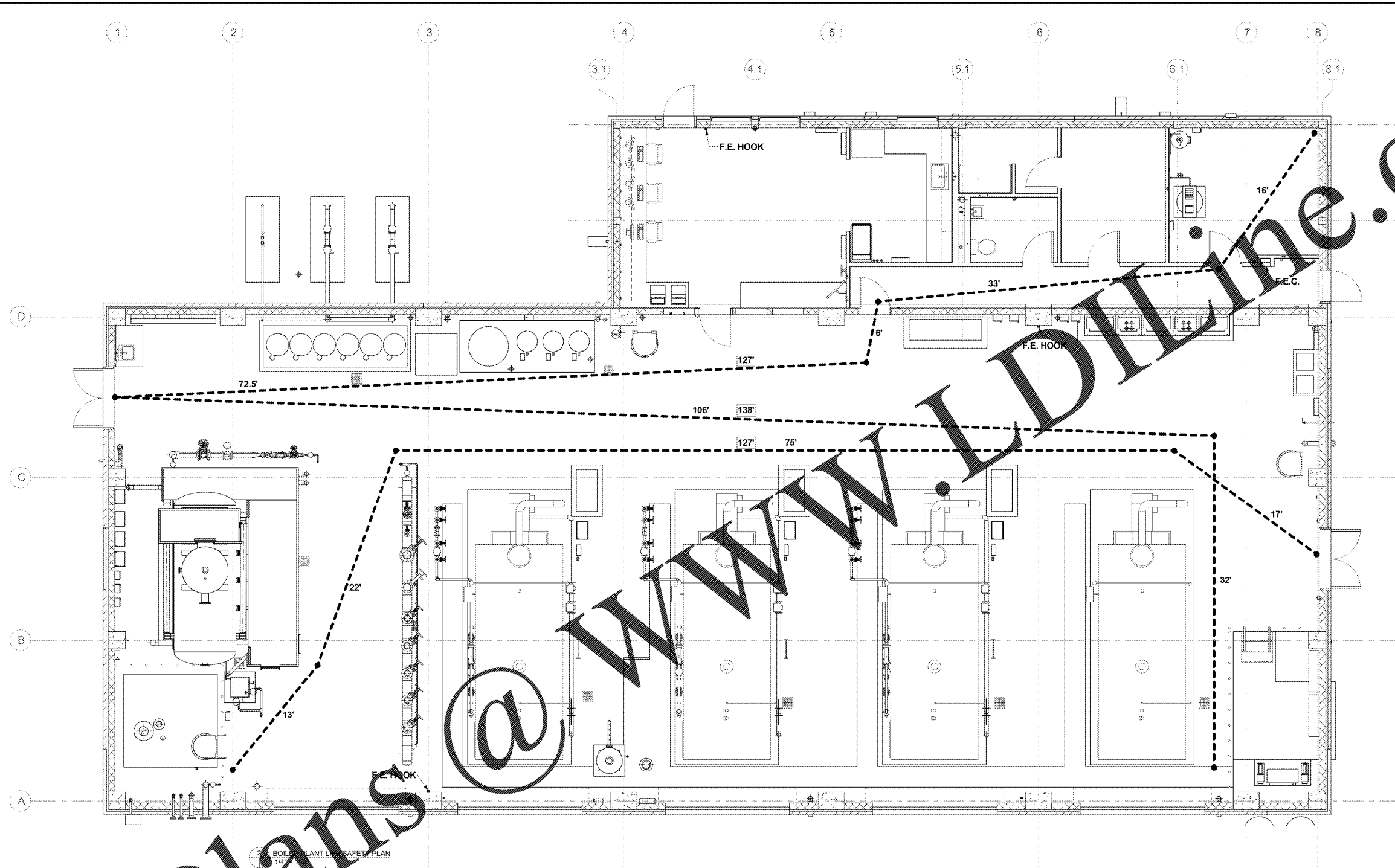


36C209180271

one eighth inch = one foot
 one quarter inch = one foot
 one half inch = one foot
 three eighths inch = one foot
 three quarters inch = one foot
 one inch = one foot
 one and one half inches = one foot
 two inches = one foot
 three inches = one foot



LIFE SAFETY ANALYSIS

OCCUPANCY CLASSIFICATION:
 NFPA - INDUSTRIAL
 IBC - FACTORY

SPECIAL PURPOSE:
 UNPROTECTED NON-COMBUSTIBLE
 ONLY SPRINKLERED

CONSTRUCTION TYPE:
 UNPROTECTED NON-COMBUSTIBLE
 ONLY SPRINKLERED

STRUCTURAL FRAME:
 1 HOUR RATED (0 IF SPRINKL FRFD)

BEARING WALLS:
 N/A

NON-BEARING WALLS:
 0 HOUR RATED INTERIOR
 1 HOUR RATED EXTERIOR WITH
 ≤ 17' x < 30' SEPARATION

FLOOR: N/A

ROOF: 1 HOUR RATED (0 IF SPRINKLERED)

CORRIDOR WALLS: 0 HOUR RATED WITH NON-RATED DOORS

COLUMNS: 1 HOUR RATED (0 IF SPRINKLERED)

FIRE SUPPRESSION: SPRINKLERED THROUGHOUT PER NFPA 13 WITH QUICK RESPONSE SPRINKLERS

MINIMUM HORIZONTAL DIMENSION OF ANY WALKWAY, LANDING OR PLATFORM:
 ALLOWABLE 22'
 ACTUAL 48'

IBC ALLOWABLE AREA (SF):

BASE:	A	25,000
SPRINKLER (INCREASE):	NOT ALLOWED	
YARD:		25,000

ACTUAL AREA (SF +/-):
 FIRST FLOOR: 6,675
 TOTAL: 6,675

ALLOWABLE AND ACTUAL EGRESS DISTANCES (FT):

TRAVEL DISTANCE:	ALLOWABLE	ACTUAL
400 ANY POINT:	138	0
COMMON PATH:	100	0
DEAD END CORRIDOR:	50	0

BUILDING HEIGHT (ACTUAL / ALLOWABLE):
 STORES: 1 / EXEMPT
 FEET: 65 / EXEMPT

EXITS (ACTUAL/REQUIRED): 22
 WIDTH (REQUIRED/ACTUAL): 36' / 72"

FIRST FLOOR OCCUPANT LOAD: ACTUAL - 6

USE/ROOM	AREA	NSF/PERSON	LOAD
MECH	6,675	N/A	N/A

(NOT REQUIRED PER LSC 101 7.3.1.2, USE ACTUAL NUMBER)

SMOKE ZONES: NOT REQUIRED

BASED ON:

2012 NFPA 101 LIFE SAFETY CODE AND
 2012 INTERNATIONAL 2010 FLORIDA BUILDING CODE
 NFPA 10 - 2010 STANDARD FOR PORTABLE FIRE EXTINGUISHER
 NFPA 13 - 2010 STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS
 NFPA 14 - 2010 STANDARD FOR THE INSTALLATION OF STANDPIPE AND HOSE SYSTEMS
 NFPA 70 - 2011 NATIONAL ELECTRICAL CODE
 NFPA 72 - 2010 NATIONAL FIRE ALARM AND SIGNALING CODE
 NFPA 90A - 2012 STANDARD FOR THE INSTALLATION OF AIR-CONDITIONING AND VENTING SYSTEMS
 ASHRAE STANDARDS 90.1 - 2010 ENERGY STANDARD FOR BUILDING EXCEPT LOW-RISE RESIDENTIAL BUILDINGS
 2011 VA FIRE PROTECTION DESIGN MANUAL

SPRINKLER HAZARD CLASSIFICATION: ORDINARY HAZARD

CONSULTANTS:

ARCHITECT/ENGINEERS:

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 Phone: (352) 474-8124
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 COA: FL #26683
 AKEA Project No. 083-14

Project Title: REPLACE BOILERS - FCA D. ENERGY AT THE MALCOM RANDALL VAMC

Project Number: 573-14-600

Building Number:

Location: GAINESVILLE, FLORIDA

Date: MARCH 9, 2018

Checked: THG

Drawn: JG

Drawing Number: LS001

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Office of Construction and Facilities Management

Department of Veterans Affairs

FINAL DESIGN

APPROVED FOR CONSTRUCTION

Revisions:

Revisions	Date

VA FORM 08-8231

1708-01-1000