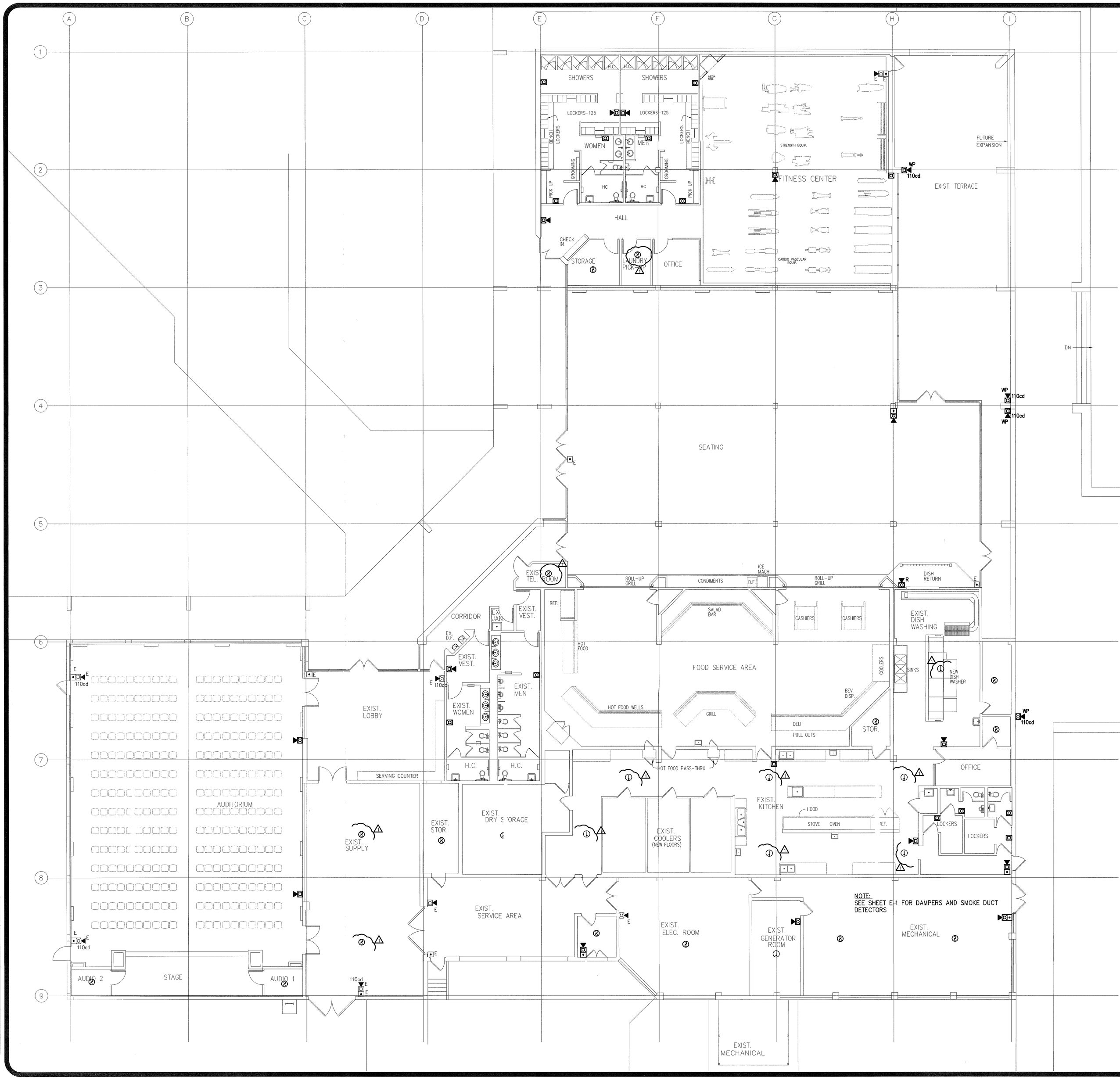
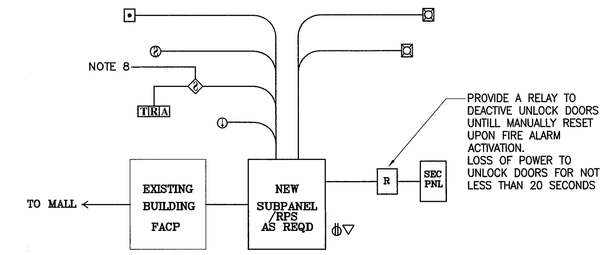


FIRE ALARM PLAN
SCALE: 1/8" = 1'-0"

NORTH



NOTES:

1. WIRE USED IS 18 GAUGE FPL OR TFN FOR INITIATING CIRCUITS, 16 GAUGE FOR SIGNALING CIRCUITS IN EMT CONDUIT.
2. ALL COMPONENTS ARE UL LISTED FOR PURPOSE INTENDED.
3. FIRE ALARM CONTROL PANEL SHALL BE CROSS LISTED WITH OTHER COMPONENTS USED.
4. THE SOUND LEVEL WILL BE AT LEAST 15 DBA ABOVE THE EQUIVALENT SOUND LEVEL OR 5 DBA ABOVE THE MAXIMUM SOUND LEVEL HAVING A DURATION OF AT LEAST 60 SECONDS MEASURED 5 FEET ABOVE THE FLOOR IN THE OCCUPIED AREA, INCLUDING LOUNGE, WALK IN COOLERS AND STORAGE AREAS. THE CONTRACTOR WILL BE REQUIRED TO CERTIFY THE DBA LEVEL WITH AN APPROVED DBA METER PRIOR TO THE ISSUANCE OF THE CERTIFICATE OF OCCUPANCY.
5. CONTRACTOR SHALL SUBMIT FOR PERMITTING: SHOP DRAWINGS, FIRE ALARM RISER, BATTERY CALC'S & CUTSHEETS ON ALL EQUIPMENT.
6. CONTRACTOR SHALL HAVE A CERTIFICATE OF COMPLETION FOR EACH FIRE ALARM SYSTEM INSTALLED AND SHALL PROVIDE A COPY TO THE OWNER AND THE FIRE RESCUE DEPARTMENT.
7. SEE PLANS FOR EXACT NUMBER OF DEVICES & LOCATIONS.
8. A.H.U. SHUT DOWN, SEE DUCT DETECTOR DETAIL FOR SPECIFICATIONS.
9. NEW STROBES SHALL BE SYNCHRONIZED WITH EXISTING

FIRE ALARM RISER DIAGRAM

N.T.S.

FIRE ALARM LEGEND

SYMBOL	DESCRIPTION
E.O.L.R.	END OF LINE RESISTOR
	SMOKE DETECTOR
	HEAT DETECTOR
	DUCT SMOKE DETECTOR
	DUAL ACTION MANUAL PULL STATION (+48" A.F.F.)
	STROBE LIGHT- 75 cd-(synchronized with existing typ.) 80"A.F.F. TO BOTTOM OF DEVICE.
	SPEAKER/STROBE-1/2 WATT SPKR.-75cd-synchronized. 80"A.F.F. TO BOTTOM OF DEVICE.
FTI	FLOW & TAMPER SWITCH (30 SECOND DELAY)
TIRIA	REMOTE SMOKE DUCT DETECTOR (+72" A.F.F. U.N.D) TEST,RESET,& ANNUNCIATE FOR:POWER,ALARM,&TRBL.
KB	KNOX BOX W/ KEY TO DOOR, AT 60" AFF, WP
FACP	FIRE ALARM CONTROL PANEL
ANN	ANNUNCIATOR PANEL
N_1	NEW (# DENOTES QUANTITY)
	FIRE ALARM SYSTEM RESPONSE WIRING
	FIRE ALARM SYSTEM INITIATION WIRING

NOTES:

1. ALL EXISTING FIRE ALARM DEVICES TO BE DEMOLISHED SHALL BE SAVE AND REINSTALL AS RELOCATED.

1A BLDG DEPT. COMM. #A - 06/01/11

WARNING!

MECHANICAL EQUIPMENT ORDERED AND DELIVERED TO THE CONSTRUCTION SITE WITH THE WRONG ELECTRICAL CHARACTERISTICS IS A MAJOR SOURCE OF CONSTRUCTION DELAYS, EXTRA COSTS AND LITIGATION. THE CONTRACTOR IS HEREBY NOTIFIED THAT IT IS THEIR RESPONSIBILITY FOR FINAL COORDINATION BETWEEN TRADES TO GUARANTEE THAT ALL EQUIPMENT HAS THE CORRECT ELECTRICAL REQUIREMENTS FOR THE ELECTRICAL DESIGN. THE ENGINEERS' REVIEW OF SHOP DRAWINGS IS FOR THE PURPOSE OF ATTEMPTING TO HELP THE CONTRACTOR CONFORM TO PLANS AND SPECIFICATIONS. CHANGES TO EQUIPMENT AND/OR CHARACTERISTICS CANNOT BE MADE THROUGH THE SHOP DRAWING PROCESS. CHANGES TO EQUIPMENT SPECIFICATIONS CAN ONLY BE MADE THROUGH THE ISSUANCE OF REVISED SIGNED AND SEALED PLANS AND SPECIFICATIONS.

TO THE BEST OF MY KNOWLEDGE, THE PLANS AND SPECIFICATIONS SUBMITTED HEREWITH COMPLY WITH EXISTING INTERPRETATIONS AND PROVISIONS OF THE APPLICABLE BUILDING CODES. THIS DRAWING IS THE SOLE PROPERTY OF HENZ ENGINEERING INC. AND IS AN INSTRUMENT OF SERVICE NOT TO BE REPRODUCED IN WHOLE OR IN PART WITHOUT THE EXPRESS WRITTEN PERMISSION OF HENZ ENGINEERING INC.

I, THOMAS E. HENZ, P.E. #34261, CERTIFY THAT I CURRENTLY HOLD AN ACTIVE LICENSE IN THE STATE OF FLORIDA AND I AM COMPETENT THROUGH EDUCATION OR EXPERIENCE TO PROVIDE ENGINEERING SERVICES IN THE ELECTRICAL DISCIPLINE CONTAINED IN THIS PLAN. I FURTHER CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY RESPONSIBLE CHARGE AS DEFINED IN CHAPTER 61G15-18.001 F.A.C. MOREOVER I CERTIFY THAT THE COMPANY OFFERING THE ENGINEERING SERVICES, 'HENZ ENGINEERING INC', HOLDS AN ACTIVE CERTIFICATE OF AUTHORIZATION #3898 TO PROVIDE THE ENGINEERING SERVICE.

THOMAS E. HENZ, P.E.
PROFESSIONAL ENGINEER No.34261
STATE OF FLORIDA
JUN 01 2011
DATE:

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PROJECT No.: 11019.00

JUN 02 2011

RENOVATIONS CAFETERIA/ FITNESS CENTER/ AUDITORIUM

JUPITER WEST

PALM BEACH COUNTY, FLORIDA

FPL

ROUX architect
Theodore Roux AIA
116 Giralda Avenue
Coral Gables, Florida 33134
phone (305)443-3116

date: 04-29-11

job no: 1104

FA-1

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