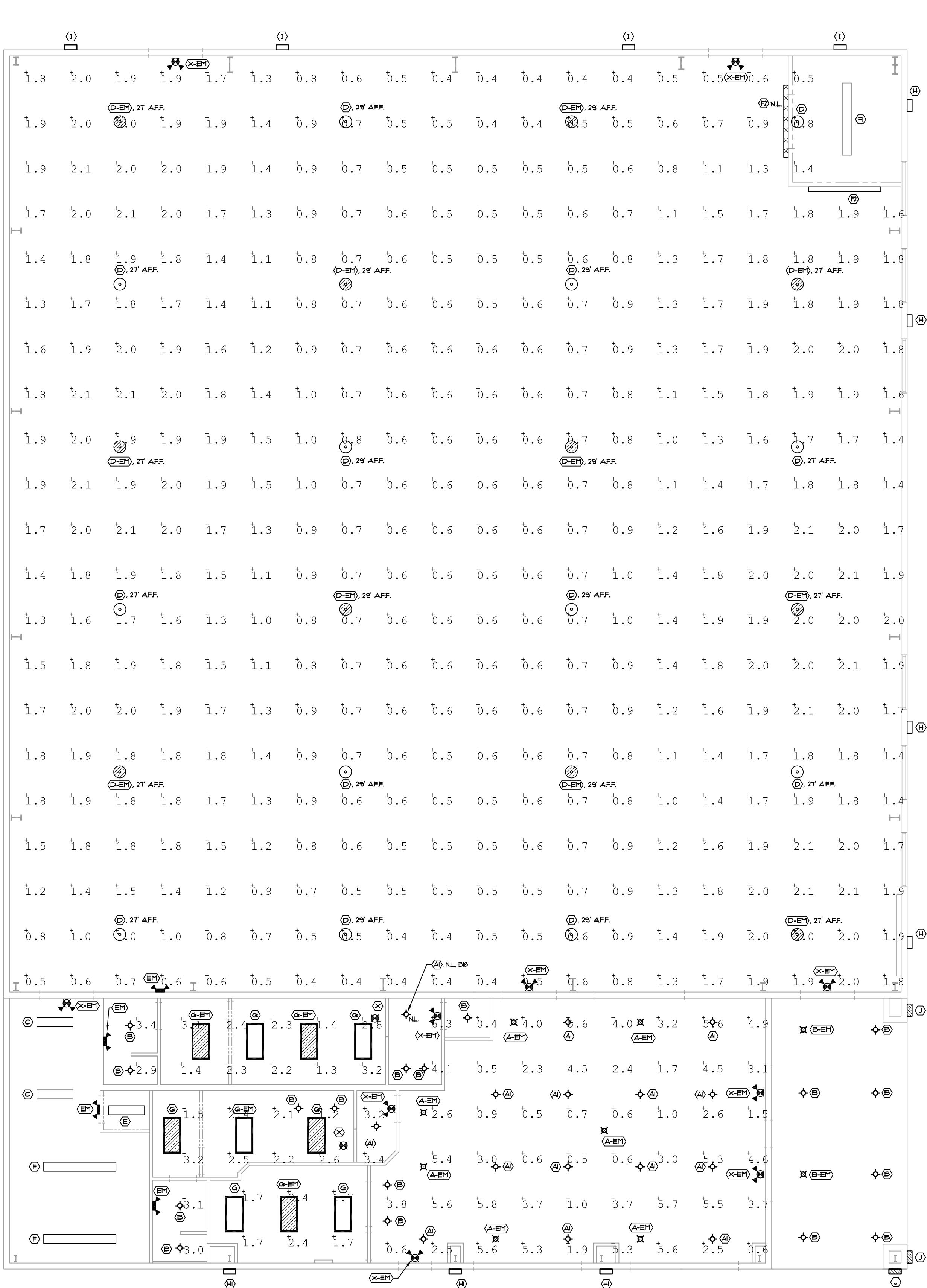


LIGHTING PLAN
1/8" = 1'-0"

NOTES:
1.) See Reflected Ceiling Plan for wall pack fixture locations.



EMERGENCY LIGHTING PHOTOMETRIC PLAN
1/8" = 1'-0"

Calculation Summary For Emergency Lighting						
Label	CalcType	Units	Avg	Max	Min	Avg/Min
Fellowship Hall-Floor	Illuminance	Fc	3.18	6.3	0.4	7.95
GYM-Floor	Illuminance	Fc	1.22	2.1	0.4	3.05
Men's Restroom-Floor	Illuminance	Fc	2.53	3.4	1.2	2.83
Warming Kitchen-Floor	Illuminance	Fc	1.93	2.4	1.7	1.41
Women's Restroom-Floor	Illuminance	Fc	2.39	3.4	1.3	1.84

ENERGY CODE COMPLIANCE NOTE (2020 FBC):

DRAWINGS:
Within 30 days after the date of system acceptance, record drawings of the actual installation shall be provided by the contractor to the building owner, including:
1.) A single-line diagram of the building electrical distribution system, and
2.) Floor plans indicating the location and area served for all distribution.

MANUALS:
An operating manual and maintenance manual shall be provided by the contractor to the building owner. The manuals shall include, at a minimum, the following:
1.) Submittal data stating equipment rating and selected options for each piece of equipment requiring maintenance.
2.) Operation manuals and maintenance manuals for each piece of equipment requiring maintenance. Required routine maintenance actions shall be clearly identified.
3.) Names and addresses of at least one qualified service agency.

VOLTAGE DROP:
1.) Branch circuit conductors are sized for maximum 3% at design load.
2.) Feeder conductors are sized for maximum 2% at design load.

LIGHTING:
1.) General lighting levels conform to 2020 FBC Table C405.3.2 (2).

MOTION SENSOR CHART:
MS (Wall) Wallsticker DW-100 (line voltage).
MS#1 (CLG.) Sensor Switch CMR8-10-PDT (line voltage).
MS D Wallsticker DW-311 dimmable unit (line voltage).

NOTES:
1.) Wall mounted units shall be at 48" A.F.F.
2.) Colors to be determined.

LEGEND - NOT ALL SYMBOLS APPLY TO THIS PROJECT

LIGHT IN ACOUSTICAL TILE CEILING

SURFACE MOUNTED LIGHT

EXIT LIGHT

DUAL HEAD EMERGENCY LIGHT

EXIT/EMERGENCY LIGHT

EMERGENCY LIGHT

SUPPLY AIR GRILLE

RETURN AIR GRILLE

EXHAUST GRILLE

HI-HAT

WALL FIXTURE

NIGHT LIGHT (ALWAYS ON)

LEGEND - NOT ALL SYMBOLS APPLY TO THIS PROJECT

SWITCH

3 WAY SWITCH

DIMMER SWITCH

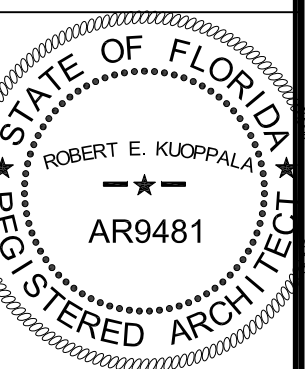
4 WAY SWITCH

LIGHT FIXTURE SCHEDULE			
MARK	DESCRIPTION	NOTES	INPUT WATTS
A1	ATLANTIC LIGHTING COM6-SYLS304K-ULTEB CM10-S8	RECESSED HHAT	33
A2M	ATLANTIC LIGHTING COM6-SYLS304K-ULTELMN CM10-S8	RECESSED HHAT (EMERGENCY) (1)	33
B	ATLANTIC LIGHTING COM6-SYLS154K-ULTE CM10-S8	RECESSED HHAT (2)	17
B2M	ATLANTIC LIGHTING COM6-SYLS154K-ULTELMN CM10-S8	RECESSED HHAT (EMERGENCY) (1)(2)	17
C	UTOPRA LIGHTING SS44-38-40SF-UNV-HIGHGR - WG	BOTTOM AT 12" A.F.F. (3)	40
D	CREE LIGHTING KBL-BP2N-40K-TALL-10V-WGAP	NOTE #3	164
D4M	CREE LIGHTING KBL-BP2N-40K-TALL-10V-EB2-WGAP	(EMERGENCY) (1)(3)	164
E	UTOPRA LIGHTING SS6-30-40SF-32GR	SURFACE MOUNT ON GYPSBOARD CEILING	17
F	UTOPRA LIGHTING SS6-30-40SF-UNV-HIGHGRWG	BOTTOM AT 12" A.F.F. (3)	17
F1	UTOPRA LIGHTING SS6-30-40SF-UNV-32GRWG	SURFACE MOUNT ON GYPSBOARD CEILING (3)	17
F2	UTOPRA LIGHTING SS6-30-40SF-UNV-32GRWG	SURFACE MOUNT ON PARTITION - TOP AT 12" A.F.F. (3)(4)	17
G	CREE Z9044L-60-10V-SUNV		33
G4M	CREE Z9044L-60-10V-SUNV-EB	EMERGENCY (1)	33
H	L3I INDUSTRIES XWMAFTLED-4L-40-JE-6R2-8B	TOP AT 8" A.F.F. (EMERGENCY) (1) WALL PACK	20
H1	L3I INDUSTRIES XWMAFTLED-4L-40-JE-6R2-PCH - 120	TOP AT 8" A.F.F. - WALL PACK	20
I	L3I INDUSTRIES XWMAFTLED-4L-40-JE-6R2-PCH - 120	TOP AT 8" A.F.F. - WALL PACK	20
J	LIGHTWAY MERV - 604LED-04K-4A-2-16C-8B10	TOP AT 8" A.F.F. (2) (EMERGENCY) (1)	17
K	EELP XE2-60-4M	BOTTOM AT 8" A.F.F. (EMERGENCY)	4
EM	EELP FMH-LED WITH W31 AT FIXTURES IN GYM	BOTTOM AT 8" A.F.F. (EMERGENCY) (1)(3)	4
X4M	EELP FMH-LED-2-4-4M WITH W31 AT FIXTURES IN GYM	BOTTOM AT 8" A.F.F. (EMERGENCY) (1)(3)	4

NOTES:
1.) Minimum 90 minutes battery pack. Wire Exit and Emergency Lights to circuit serving room ahead of switches.
2.) Wet location approved.
3.) Wire guard.
4.) N.L. denotes night light.
5.) Damp location approved.

REVISIONS	BY

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SCALE
AS NOTED
COMM. NO.
18-06
SHEET
E-2
OF 3 SHEETS