NOTIFICATION OF POTENTIAL HAZARD

ASBESTOS CONTAINING MATERIAL (ACM) IS PRESENT IN THE BUILDING THAT MAY IMPACT THE WORK OF ALL TRADES. THE CONTRACTOR SHALL REQUIRE THEIR PERSONNEL AND ALL SUBCONTRACTOR PERSONNEL TO COORDINATE WITH OTHER TRADES AND CONDUCT THEIR WORK TO PREVENT WORKER EXPOSURE OR SITE CONTAMINATION. REFER TO DIVISION 01 AND 02 SPECIFICATIONS FOR SPECIFIC INFORMATION CONCERNING REMOVING AND DISPOSING OF THESE MATERIALS AND THE INSTALLATION OF NEW MATERIALS AND COMPONENTS. THIS NOTIFICATION IS PROVIDED IN ACCORDANCE WITH EPA AND OSHA REQUIREMENTS.

ilized per ne	C 220.87 FOF	R ADDITIONS	TO EXISTING	LOADS (A	AND
ER					
KVA)					
QUAN	VA PER UNIT	UNDIV. KVA	N.E.C. FACTOR	KVA LOAD	
c	46.0	0.7	1 05	0.7	
2	180	0.3	1.00	0.3	
1	1920	1.9	1.00	1.9	
1					
1					
1	2494 22447	2.5 22.4	2.00	2.5 44.9	
L NEW LOAD		31.9 k	VA	54.4	KVA
					KVA
TOTAL LOAD				97.7	KVA
		80 A	MPS	118	AMPS
	ER (VA) QUAN 6 2 1 1 1 1 1 1 1 L NEW LOAD 220.87 LOAD	ER KVA) VA PER UNIT 6 46.2 2 180 1 1920 1 1920 1 1920 1 2494 1 2494 1 2494 1 22447 L NEW LOAD 220.87 LOAD	ER KVA) VA PER UNDIV. QUAN UNIT KVA 6 46.2 0.3 2 180 0.4 1 1920 1.9 1 1920 1.9 1 1920 1.9 1 2494 2.5 1 2494 2.5 1 22447 22.4 L NEW LOAD 31.9 K 220.87 LOAD 34.7 K TOTAL LOAD 66.6 K	VA PER UNDIV. N.E.C. QUAN UNIT KVA FACTOR 6 46.2 0.3 1.25 2 180 0.4 1.00 1 1920 1.9 1.00 1 1920 1.9 1.00 1 1920 1.9 1.00 1 2494 2.5 1.00 1 2494 2.5 1.00 1 2494 2.5 1.00 1 22447 22.4 2.00 L NEW LOAD 31.9 KVA 220.87 LOAD 34.7 KVA TOTAL LOAD 66.6 KVA	VA PER UNDIV. N.E.C. KVA QUAN UNIT KVA FACTOR LOAD 6 46.2 0.3 1.25 0.3 2 180 0.4 1.00 0.4 1 1920 1.9 1.00 1.9 1 1920 1.9 1.00 1.9 1 2494 2.5 1.00 2.5 1 2494 2.5 1.00 2.5 1 22447 22.4 2.00 44.9 L NEW LOAD 220.87 LOAD 31.9 KVA 43.3 TOTAL LOAD 66.6 KVA 97.7

AVAILABLE SPARE CAPACITY PER NEC CALCULATION = 85.3%

	LIGHTING FIXTURE SCHEDULE									
TYPE	DESCRIPTION	LAMPS	DRIVER	MOUNTING						
Z	LITHONIA ZL1N-L48-5000LM-L/LENS-MVOLT-40K-80CRI-WH 2"X4", STRIPLIGHT, STANDARD DIFFUSE SNAP ON/SNAP OFF LENS, UNIVERSAL VOLTAGE, WHITE PAINT FINISH	LED 4000K	WITH UNIT	PENDENT DOWN FROM STRUCTURE TO 8'-0" AFF NOTE 3						
EX	LITHONIA LQM-S-W-G-120/277-ELN LED THERMOPLASTIC EXIT SIGN WITH WHITE HOUSING COLOR, NICKEL-CADMIUM BATTERY, GREEN TEXTURED LETTERS	WITH UNIT	N/A	WALL OVER DOOR OR CEILING AS NOTED						
XA	LITHONIA ELM2—LED—HO 2"X10.25", LED LAMP HEAD, EMERGENCY FIXTURE, HIGH OUTPUT, NI—CAD BATTERY FOR 6W REMOTE CAPACITY, WHITE HOUSING	LED	LED DRIVER WITH BATTERY BACKUP	SURFACE WALL AT 7'-6" AFF OR AS SHOWN ON FLOOR PLANS						

FIXTURE SCHEDULE NOTES

- 1 REFER TO SPECIFICATION SECTIONS 26 5000 FOR ADDITIONAL REQUIREMENTS REGARDING LIGHT FIXTURES, LAMPS AND DRIVERS.
- 2 PROVIDE AN UNSWITCHED CIRCUIT CONNECTION (CIRCUIT AS NOTED ON DRAWINGS) TO ALL EXIT SIGNS (FIXTURE TYPE EX) AND EMERGENCY LIGHTING FIXTURES (FIXTURE TYPE XA).
- 3 FIXTURE PENDANTS SHALL BE RIGID (THREADED HANGAR RODS) AND SHALL BE SWAY BRACED WHERE PENDANTS EXCEED 24 INCHES IN LENGTH.



STEMS

CHANICAL SYS

EM-2 MEC

NSB

PROFESSIONAL ENGINEERS 16601

ENGINEERS

www.amc-engineers.com Adams, Morgenthaler & Co., Inc. CoA No. C0342 - 907.257.9100 701 E. Tudor Rd. Suite 250 Anchorage, AK 99503

2HA HOFHE 2ND_FLOOR______ INTERSTITIAL_FLOOR 2ND FLOOR INTERSTITIAL FLOOR INTERSTITIAL FLOOR INTERSTITIAL FLOOR 1ST LEVEL 1ST LEVEL MCCL-1 60/3 100/3 TO EXISTING ELEVATOR , (ARCADE BRIDGE AND LOUNGE) 100/3 30KVA XFMR 480:208/120V, 3PH, 100U1 ____200/3 SPARE ____100/3 225/3 100/3 200/3 250/3 50/3 PULLBOX IN 100U3 400/3 100U3 TO CT & ATS BELOW/THROUGH GENERATOR AND 222 ATS PAD; TO PRIMARÝ XFMR AND SERVICE SCCR (CALCULATED ON 2/14/2017): 13,100 AMPS TO DIGITAL 800/3 MAIN DISTRIBUTION PANEL ENERGY 800 AMP, 480Y/277V, 3 PHASE, 4 WIRE MONITOR -_____100/3 SPARE ____100/3 ____400/3 17 → TO XFMR HOFLA

CONDUIT AND FEEDER SCHEDULE

- 8 1-1/2" C., 4-#2
- 11 2" C., 4-#3/0
- 13 3-1/2" C., 4-#350 KCMIL (AL)
- 14 4" C., 4-#3/0
- 17 2 SETS: 3-1/2" C., 3-#3/0 + 1-#3/0 GROUND
- 22 2 SETS: 4" C., 4-#600 KCMIL, 1-#1/0 GROUND
- 23 2" C.: 4-#3/0 + 1 #6 GROUND
- 24 4" C., 4-#600 KCMIL + 1 #2 GROUND
- 27 3/4" C., 3-#8 + 1-#10 GROUND
- 28 1-1/4°C., 4-#2 + 1-#8 GROUND

Revisions No. Date Description Design:

UAA Project No.:

02/17/2017 Sheet Title

LIGHTING FIXTURE SCHEDULE, CALCULATIONS & ONEILINE

Sheet Number

PARTIAL ONE-LINE DIAGRAM - EXISTING

E0.2 | SCALE: NONE

E0.2