

DAMMON ENGINEERING, INC.

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ARCHITECTURE
ENGINEERING
STUDIES
PLANNING
INVESTIGATION
EXPERT WITNESS

NEW
CREMATORY
AND EMBALMING
FACILITY

HONAKER FUNERAL
HOME
TERRY TRANCHINA
1751 W. GAUSE BLVD
SLIDELL, LA

ELECTRICAL
LIGHTING
PLAN AND
SCHEDULE



REV:

SCALE: AS NOTED

JOB#: 1999

DATE: 6-9-09

SHEET 18

E-2

OF 19



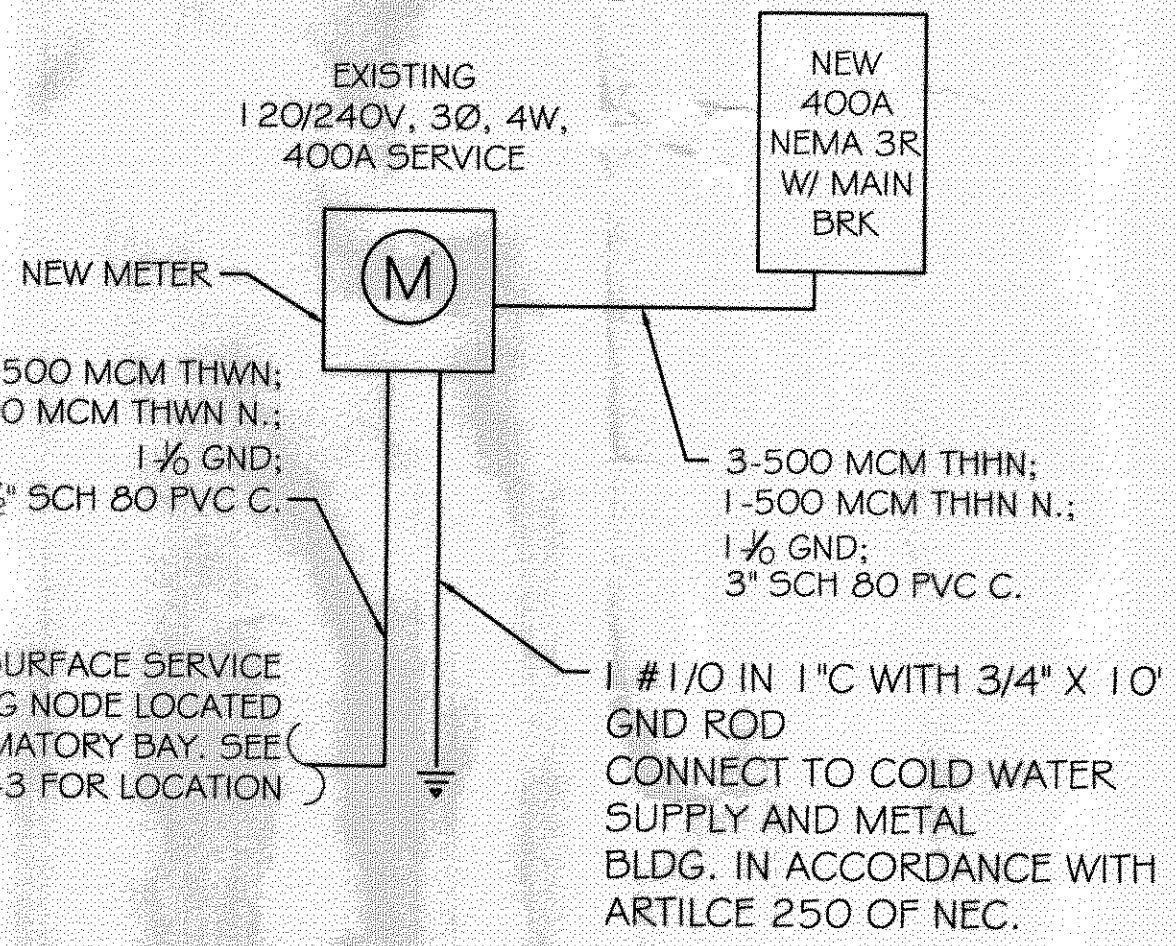
LEGEND

- 2x4' 4 BULB FLUORESCENT
- HIGH BAY H.P.S. METAL HALIDE
- EXHAUST FANLIGHT COMBO
- RECESSED WATERPROOF CAN LIGHT
- STD. BULB LIGHT FIXTURE
- SOFFIT MOUNTED FLOOD LIGHT W/ MOTION SENSOR
- WALL MOUNTED EXTERIOR FIXTURE (1 BULB) W/ 90 MIN. BATTERY BACKUP
- EXIT/EMERGENCY LIGHT COMBO W/ 90 MIN. BATTERY BACKUP
- SWITCH
- 3-WAY SWITCH
- POWER PANEL
- EMERGENCY LIGHT W/ 90 MIN. BATTERY BACKUP

371441
REVIEWED FOR
STATE FIRE MARSHAL
AS PER REVIEW LETTER
BY: WILLIAM D. JONES, ARCHITECT, CBO
William D. Jones

ELECTRICAL LIGHTING PLAN

SCALE: 3/8" = 1'-0"



ELECTRICAL ONE LINE

SCALE: N.T.S.

PANEL: LP-1
LOCATION: CREMATORY BAY (EAST WALL)
FEEDER SOURCE: EXISTING 120/240V, 3Ø, 4W, 400A SERVICE (CLEC)

VOLTAGE: 120/240V, 400A 3Ø, 4W MLO
ENCLOSURE: SURFACE MOUNTED WEQUIPMENT GND BAR

CKT. NO.	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER	LOAD (VA)	BUS			LOAD (VA)	BREAKER	LOAD DESCRIPTION	THHN WIRE SIZE	CKT. NO.
					A2	B3	C3					
1												
3	#8	AHU #1 10 KW	45 3	3300			2400	3 30	AC COMPRESSOR #1 3 TON	#10	4	
5				3300			2400				6	
7				3300			4800				8	
9	#8	AHU #2 10 KW	45 3	3300			4800	3 60	AC COMPRESSOR #2 5 TON	#6	10	
11				3300			4800				12	
13	#10	WALK-IN COOLER BLOWER UNIT	30 2	1800			1800	2 30	WALK-IN COOLER COMPRESSOR	#10	14	
15				1800			1800				16	
17				2400			1800	2 30	WATER HEATER 40 GAL	#10	18	
19	#10	CREMATORY	30 3	2400			1800				20	
21				2400			600	1 20	CREMATORY EXHAUST FAN	#12	22	
23	#12	OUTLETS	20 1	1200			1200	1 20	OUTLETS	#12	24	
25	#12	OUTLETS	20 1	1200			800	1 20	EMBALMING STATIONS	#12	26	
27	#12	OUTLETS	20 1	1200			1200	1 20	OUTLETS	#12	28	
29	#12	OUTLETS	20 1	1200			1200	1 20	OUTLETS	#12	30	
31	#12	LIFT MOTOR RECEPTACLE	20 1	800			1000	1 20	PREP RM EXHAUST BLOWER	#12	32	
33	#12	BAY LIGHTS	20 1	1000			1600	1 20	DRESSING RM LIGHTING	#12	34	
35	#12	PREP RM LIGHTING	20 1	1600			1200	1 20	EXTERIOR LIGHTING	#12	36	
37	#12	EMERGENCY LIGHTING	20 1	800			1600	1 20	SPARE	#12	38	
39	#12	SPARE	20 1	1600			1600	1 20	SPARE	#12	40	
41	#12	SPARE	20 1	1600			-	-	BLANK	-	42	
				TOTAL CONNECTED LOAD (VA)=83,600								
				A2=27,800 B3=28,600 C3=27,200						GROUND BUS GROUND WIRE (G)		

PANEL SCHEDULE

NTS