LUMINAIRE SCHEDULE

MARK	LAMPS NO.	LAMPS TYPE	VOLTS	DESCRIPTION	OPTIONS & NOTES	MANUFACTURER	CATALOG NO.
A	2	32WT8	120	2'x4' FLUORESCENT LAY-IN TROFFER.		LIGHTOLIER	QV52GPFOS232
B	1	32WCF DIMM	120	COMPACT FLUORESCENT DOWNLIGHT (LED OPTIONAL)		LIGHTOLIER	1102P1 FRAME 1176WH BAFFLE
C	1	32WCF DIMM	120	DIRECTIONAL COMPACT FLUORESCENT DOWNLIGHT (LED OPTIONAL)		LIGHTOLIER	1102P1 FRAME 1122WH BAFFLE
D	1	40W	120	GALEANA WALL SCONCE	MEN'S RESTROOM	UTTERMOST	22418
E	2	60W	120	ALENYA, 2 LIGHT WALL SCONCE	HALLWAY SEE NOTE 5	UTTERMOST	22487
F	3	60W	120	MAISON DE VILLE COLLECTION 18" HIGH 3-LIGHT WALL SCONCE; USES 3-60 CANDELABRA BULBS	WOMEN'S RESTROOM & TUB ROOM	FEISS	12290
G	2	A15 60W	120	IRON LEAF 15 1/2" WIDE BRONZE AND CRYSTAL WALL SCONCE		UNIVERSAL LIGHTING AND DECOR	50921
H	5	60 W	120	KATHY IRELAND RAMAS DE LUCES BRONZE 31" WIDE CHANDELIER; FIVE STANDARD 60 WATT AND ONE 30 WATT R-20 BULBS	WAITING/RETAIL	KATHY IRELAND	P0311
J	6	60 W	120	ALENYA, 6 LT CHANDELIER	QUIET ROOM	UTTERMOST	21246
K	3	100 W	120	GALEANA, 3 LT CHANDELIER	MEN'S VESTIBULE	UTTERMOST	21046
L	4	60 W	120	ALENYA, 4 LT PENDANT	NAIL ROOM	UTTERMOST	21962
M	3	60 W	120	KATHY IRELAND RAMAS DE LUCES BRONZE 17" WIDE CHANDELIER	DUET ROOM	KATHY IRELAND	97436
N	2	60W	120	KENT PLACE COLLECTION WALL LANTERN USES 3-60 CANDELABRA BULBS	INCLUDE PHOTO SENSOR	MINKA LAVERY	94585
P	1	100W	120	LIGHT/FAN; 70 CFM	INCLUDE OPTIONAL CONTROL.	BROAN	744
Q	1	100W	120	HEATER/LIGHT/FAN; 70 CFM	INCLUDE OPTIONAL CONTROL.	BROAN	665
S		WITH UNIT	120	SELF-POWERED LED EXIT SIGN, WHITE BACKGROUND WITH RED LETTERS.		HUBBELL	EXIT SIGN
T		WITH UNIT	120	SELF-POWERED EMERGENCY EGRESS LUMINAIRE, TWO-HEAD		HUBBELL	PE6

NOTE: LAMPS AND FIXTURES SUPPLIED AND INSTALLED BY CONTRACTOR. FOR COORDINATION CONTACT: SARA NEWMAN WOODHOUSE SPAS CORPORATION (361) 570-7772 EXT 202. CHANDELIERS/SCONCES BY LAMPS PLUS CONTACT JENNIFER LY (818) 775-5751 EXT 4375.

LIGHTING SCHEDULE NOTES:

1. FURNISH PROPER LAMP FOR REFLECTOR ASSEMBLY SPECIFIED AS RECOMMENDED BY LUMINAIRE MANUFACTURER.
2. ENERGY SAVING LAMPS/ENERGY SAVING BALLAST:

- FURNISH ALL RAPID START LAMPED LUMINAIRES WITH ENERGY EFFICIENT LAMPS AND BALLAST. SYSTEM OF LAMPS AND BALLAST SHALL PRODUCE THE FOLLOWING WHEN USED TOGETHER AT MINIMUM 60 DEGREE F:
  MAXIMUM LAMP OUTPUT - 2800 LUMENS.
  MAXIMUM LAMP WATTAGE - 35 WATTS.
  MAXIMUM BALLAST LOADING (2 LAMP BALLAST) WITH LAMPS IN OPERATION - 77 WATTS.

-BALLAST SHALL BE EQUIPPED WITH UL COMPONENT RECOGNIZED NON-PCB PROTECTED CAPACITOR AND A CORE AND COIL PROTECTOR. BALLAST SHALL BE HIGH POWER FACTOR, UL LISTED, CLASS P.
-APPROVED LAMP MANUFACTURERS:
GE, SYLVANIA, PHILIPS (UNLESS SPECIFICALLY NOTED OTHERWISE)
-APPROVED BALLAST MANUFACTURERS:
ADVANCE, MAGNETEK, VALMONT, FUSE.

3. FLUORESCENT AND H.I.D. BALLASTS SHALL BE FUSED WITH AN APPROVED DUAL ELEMENT.
4. ALL LIGHT FIXTURES ARE TO BE DIMMABLE AND CONNECTED TO A SLIDING DIMMER, EXCEPT: PREP RM, OFFICE, MECHANICAL RM AND CLOSETS.
5. COORDINATE THE PLACEMENT OF HALLWAY SCONCES WITH WALL TREATMENTS, SEE WOODHOUSE SPEC.

LEGEND OF ELECTRICAL SYMBOLS

MISCELLANEOUS

- POWER PANEL.
- MOTOR: SHOWN 2HP (TYPICAL)
- FUSED DISCONNECT SWITCH, 100A, 3P UNLESS OTHERWISE NOTED.
- NON-FUSED DISCONNECT SWITCH, 100A, 3P UNLESS OTHERWISE NOTED.
- FLUSH MOUNTED CIRCUIT BREAKER.
- MOTOR CONTROLLER OR MAGNETIC MOTOR STARTER, NEMA SIZE 1 FVNR UON
- PB PULL BOX. SIZE PER NATIONAL ELECTRICAL CODE.
- PE PHOTOCELL.
- EXHAUST FAN.
- 1500W DIMMER, LUTRON #N-1500
- 2000W DIMMER, LUTRON #N-2000
- 75 EXTERIOR LIGHT WITH PHOTO SENSOR
- WALL DATA/TELEPHONE
- SOUND SYSTEM PROVIDED AND INSTALLED BY CONTRACTOR – VOLUME CONTROL IN ALL TREATMENT ROOMS. VOLUME CONTROL FOR ALL COMMON AREAS TO BE LOCATED IN PREP ROOM. 8" IN CEILING ENCOLSED SPEAKERS IN ALL ROOMS. SEE WOODHOUSE SPECIFICATION.

WALL SWITCHES

- $ 1-POLE, 15A, 125V, ROCKER ON/OFF; MOUNT 48" TO CENTERLINE OF SWITCH. STYLE SHALL BE DECORA; COLOR TO BE DERTERMINED BY OWNER.
- D$ 1-POLE, 600W, 125V. SLIDE DIMMER WITH ROCKER ON/OFF; MOUNT 48" TO CENTERLINE OF SWITCH, STYLE SHALL BE DECORA; COLOR TO BE DERTERMINED BY OWNER.
- 3$ 3-WAY, 20A, 125V. MOUNT 48" TO CENTERLINE OF SWITCH. COLOR TO BE DERTERMINED BY OWNER.

CEILING OUTLETS

- A1 SURFACE OR RECESSED LUMINAIRE TYPE "A", CIRCUIT #1.
- RECESSED FLUORESCENT 2' X 4' LUMINAIRE. SEE LUMINAIRE SCHEDULE.
- RECESSED FLUORESCENT 2' X 4' LUMINAIRE WITH BATTERY PACK. SEE LUMINAIRE SCHEDULE.
- JUNCTION BOX.
- JUNCTION BOX WITH FLEXIBLE CONNECTION TO EQUIPMENT.
- EXIT LIGHT, SEE LUMINAIRE SCHEDULE.
- EXIT LIGHT WITH DIRECTION OF TRAVEL, SEE LUMINAIRE SCHEDULE.

WALL OUTLETS

- DUPLEX RECEPTACLE, NEMA 5-15R.
- QUAD RECEPTACLE, NEMA 5-15R.
- SINGLE RECEPTACLE, NEMA 6-20R.
- SINGLE RECEPTACLE: 20A, 250V, 2-POLE, 3-WIRE, NEMA 6-20R.
- SINGLE RECEPTACLE: 30A, 250V, 2-POLE, 3-WIRE, NEMA 6-30R.
- SINGLE RECEPTACLE: 50A, 250V, 2-POLE, 3-WIRE, NEMA 6-50R.
- DUPLEX RECEPTACLE, NEMA 5-20R.
- GFI DUPLEX RECEPTACLE, NEMA 5-15R, GROUND FAULT INTERRUPTER, FEED-THRU. MOUNT 18" AFF TO CENTER OF BOX UON.
- GFI WP DUPLEX RECEPTACLE, NEMA 5-15R, GROUND FAULT INTERRUPTER, FEED-THRU. WEATHERPROOF. MOUNT 18" AFF TO CENTER OF BOX UON.
- SINGLE RECEPTACLE, NEMA 5-50R 18"H UNLESS OTHERWISE NOTED.
- FLUSH MOUNTED JUNCTION BOX.
- JUNCTION BOX WITH FLEXIBLE CONNECTION.
- TELEPHONE OUTLET: SINGLE GANG OUTLET BOX WITH AN RJ45 JACK MOUNTED 18" AFF. HOMERUN A CATEGORY 5 CABLE TO TELEPHONE AND DATA BACKBOARD.
- W TELEPHONE OUTLET: SINGLE GANG OUTLET BOX WITH AN RJ45 JACK MOUNTED 44" AFF. HOMERUN A CATEGORY 5 CABLE TO TELEPHONE AND DATA BACKBOARD.
- DATA OUTLET: SINGLE GANG OUTLET BOX WITH AN RJ45 JACK MOUNTED 18" AFF. HOMERUN A CATEGORY 5 CABLE TO TELEPHONE AND DATA BACKBOARD.
- W DATA OUTLET: SINGLE GANG OUTLET BOX WITH AN RJ45 JACK MOUNTED 44" AFF. HOMERUN A CATEGORY 5 CABLE TO TELEPHONE AND DATA BACKBOARD.
- TELEPHONE & DATA BACKBOARD. 48" X 48" 3/4" PLYWOOD. PROVIDE GROUNDING TERMINAL CONNECTED WITH #6 CONDUCTOR TO NEAREST METALLIC COLD WATER PIPE OR GROUNDING ELECTRODE.
- WALL MOUNTED INCANDESCENT OR HID LUMINAIRE.
- EMERGENCY LIGHT. SEE LUMINAIRE SCHEDULE.

GENERAL NOTES:

GENERAL REQUIREMENTS

A. ELECTRICAL CONTRACTOR SHALL COORDINATE FULLY WITH OTHER CONTRACTORS ASSOCIATED WITH THIS PROJECT TO VERIFY ALL EQUIPMENT LOCATIONS, CONNECTION REQUIREMENTS, ELEVATIONS AND LOCATIONS OF PIPES, CONDUITS AND DUCTS TO PREVENT CONFLICTS DURING CONSTRUCTION. ANY RELOCATION OR REROUTING OF EQUIPMENT, PIPES, CONDUITS, DUCTS OR MATERIALS RESULTING FROM A LACK OF COORDINATION BETWEEN CONTRACTORS WILL BE AT THE CONTRACTORS EXPENSE.
B. EQUIPMENT ROUGH-INS SHOWN ARE ACCURATE TO THE BEST OF DESIGNER'S KNOWLEDGE. HOWEVER, IN SOME INSTANCES, THE OWNER OR SUPPLIER MAY SUBSTITUTE, OR THE EQUIPMENT ITEM MAY VARY FROM WHAT IS SHOWN. THEREFORE, THE CONTRACTOR SHALL VERIFY ALL CRITICAL DIMENSIONS WITH THE OWNER PRIOR TO CONSTRUCTION. FAILURE OF THE ELECTRICAL CONTRACTOR TO VERIFY THESE DIMENSIONS SHALL PLACE THE RESPONSIBILITY FOR ANY SUBSEQUENT RELOCATION DIRECTLY UPON THE CONTRACTOR.
C. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL REQUIRED DISCONNECT SWITCHES AND MOTOR STARTERS TO ALL EQUIPMENT.
D. ELECTRICAL CONTRACTOR SHALL REVIEW WITH OWNER AND SIGNAGE MANUFACTURER, REQUIREMENTS AND LOCATION OF BUILDING SIGNAGE PRIOR TO CONSTRUCTION AND PROVIDE 120VAC CONNECTION AS REQUIRED.
E. ELECTRICAL CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS AT JOB COMPLETION TO ARCHITECT.
F. ALL WORK SHALL BE INSTALLED PER ALL GOVERNING CODES.
G. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL DRYER/RECEPTACLES COMPLETE. REFER TO INSTRUCTION MANUAL FOR DETAILS.
H. ALL EXTERIOR LIGHTING AND SIGN CIRCUIT BREAKERS TO BE "SWITCH GRADE".
I. ELECTRICAL CONTRACTOR SHALL INSTALL EXHAUST FANS WITH OPTIONAL CONTROLLER.
J. ALL JUNCTION BOXES INSTALLED ABOVE OR DIRECTLY BELOW THE SUSPENDED CEILING SHALL BE SUPPORTED IN ACCORDANCE WITH ARTICLE 314-23 OF THE 2002 NEC.
K. COMPUTER AND PHONE WIRING SHALL BE ROUTED IN 3/4" CONDUIT TO PHONE BOARD IN OFFICE FROM DEVICE LOCATION.
L. ALL ISOLATED GROUND RECEPTACLE CIRCUITS SHALL BE EQUIPPED WITH INSULATED GROUND CONDUCTOR AND SEPARATE NEUTRAL WIRE.
M. NEUTRAL WIRES FOR ISOLATED GROUND CIRCUITS SHALL NOT BE SHARED WITH OTHER BRANCH CIRCUITS. PROVIDE SEPARATE NEUTRAL WIRE FOR EACH ISOLATED GROUND CIRCUIT.
N. ISOLATED GROUND CIRCUITS SHALL NOT BE ROUTED WITHIN SAME CONDUIT AS GENERAL BRANCH CIRCUIT WIRING. PROVIDE SEPARATE CONDUIT FOR SERVICE TO ISOLATED GROUND CIRCUITS.
O. ISOLATED GROUND RECEPTACLES SHALL UNDER NO CIRCUMSTANCE BE INSTALLED IN COMMON JUNCTION BOX WITH NON-ISOLATED GROUND TYPE RECEPTACLE.
P. ELECTRICAL CONTRACTOR SHALL USE THE PORCELAIN WIRE NUTS PROVIDED WITH THE HEAT STRIP UNITS. THE USE OF PLASTIC WIRE NUTS WILL VOID THE MANUFACTURERS' WARRANTY. ELECTRICAL CONTRACTOR SHALL USE 90°C WIRE FOR CONNECTION TO HEAT STRIP UNITS PER MANUFACTURER'S RECOMMENDATION.
Q. USE CIRCUIT BREAKERS U.L. LISTED AS HACR TYPE FOR USE WITH HVAC AND REFRIGERATING EQUIPMENT HAVING MOTOR GROUP COMBINATIONS AND MARKED FOR USE WITH HACR TYPE CIRCUIT BREAKERS.
R. ALL EXIT SIGNS, EMERGENCY EGRESS LIGHTS AND NIGHT LIGHT FIXTURES SHALL BE CONNECTED TO THE BRANCH CIRCUITS INDICATED AHEAD OF RESPECTIVE CONTROL SWITCH, IN ORDER TO PROVIDE UNSWITCHED SOURCE TO FIXTURES.

RACEWAY SYSTEMS

A. ALL BRANCH CIRCUIT WIRING SHALL BE ROUTED IN EMT, ELECTRICAL METALLIC TUBING. USE STEEL SET SCREW TYPE FITTINGS ON ALL EMT.
B. CONDUIT SHALL BE SUPPORTED AT INTERVALS PER NEC REQUIREMENTS AND SHALL BE SECURELY FASTENED TO BUILDING WITH AN APPROVED FASTENING SYSTEM.

WIRING, WIRING DEVICES, PLATES AND GROUNDING

A. ALL WIRING SHALL CONSIST OF COPPER CONDUCTORS WITH THERMOPLASTIC INSULATION RATED FOR SIX HUNDRED (600) VOLTS. ALL WIRING INSULATION SHALL BE HEAT AND MOISTURE RESISTANT TYPES THW, THWN, OR THHN FOR INTERNAL AND DRIVE LOCATIONS.
B. MINIMUM CONDUCTOR SIZE SHALL BE NO. 12 AWG FOR ALL POWER CIRCUITS (I.E. RECEPTACLES, LIGHTING, EQUIPMENT POWER, ETC.).
C. ALL SPLICES AND CONNECTIONS SHALL BE MADE IN OUTLET BOXES, JUNCTION BOXES OR EQUIPMENT WHERE ACCESSIBLE.
D. CONDUCTORS SHALL BE PULLED WITHOUT THE USE OF OIL OR GREASE. WIRE PULLING LUBRICANTS WHICH ARE APPROVED FOR USE WITH CONDUCTOR INSULATION MAY BE USED. CARE SHALL BE TAKEN IN PULLING WIRE TO ASSURE THAT MAXIMUM ALLOWABLE PULLING TENSION OF WIRE IS NOT EXCEEDED. WIRING WITH DAMAGED CONDUCTORS OR INSULATION WILL NOT BE ACCEPTED.
E. ALL PLUG-IN DEVICES SHALL BE GROUNDED TYPE. A GROUNDING JUMPER FROM RECEPTACLE TO OUTLET BOX SHALL BE INSTALLED WHERE CONDUIT SYSTEM IS USED FOR GROUND.
F. INSTALL INSULATED GREEN GROUNDING CONDUCTOR (NO. 12 AWG MINIMUM) IN RACEWAYS AS INDICATED ON DRAWINGS AND IN ALL NON-METALLIC RACEWAYS PER NEC.
G. SWITCHES FOR LIGHTING CONTROL SHALL BE ROCKER STYLE WITH.
H. DUPLEX RECEPTACLES SHALL BE INDUSTRIAL GRADE, THREE (3) WIRE GROUNDING, FINDER GROOVE, TWENTY (20) AMP, NEMA 5-20R 125 VAC.
I. PLATES SHALL BE FURNISHED AND INSTALLED FOR ALL WIRING DEVICES, TELEPHONE OUTLETS, JUNCTION BOXES, ETC.
J. PLATES FOR FLUSH MOUNTED DEVICES SHALL BE STAINLESS STEEL. PLATES FOR SURFACE MOUNTED BOXES SHALL BE GALVANIZED STEEL.

LIGHTING FIXTURES

A. PROVIDE LIGHTING FIXTURES, OF SIZES, TYPES AND RATINGS INDICATED; COMPLETE WITH, BUT NOT LIMITED TO, HOUSINGS, ENERGY-EFFICIENT LAMPS, LAMP HOLDERS, REFLECTORS, ENERGY EFFICIENT BALLASTS, STARTERS AND WIRING. SHIP FIXTURES FACTORY-ASSEMBLED, WITH THOSE COMPONENTS REQUIRED FOR A COMPLETE INSTALLATION. DESIGN FIXTURES WITH CONCEALED HINGES AND CATCHES, WITH METAL PARTS GROUNDED AS COMMON UNIT, AND SO CONSTRUCTED AS TO DAMPEN BALLAST GENERATED NOISE.
B. FLUORESCENT BALLASTS PROVIDED FOR FOUR (4) FOOT T-8 FLUORESCENT LAMPS SHALL BE TWO-LAMP ENERGY SAVING, ELECTRONIC TYPE.
C. INSTALL INTERIOR LIGHTING FIXTURES AT LOCATIONS AS INDICATED, IN ACCORDANCE WITH FIXTURE MANUFACTURER'S WRITTEN INSTRUCTIONS, APPLICABLE REQUIREMENTS OF NEC, NECA'S "STANDARD OF INSTALLATION", NEMA STANDARDS, AND WITH RECOGNIZED INDUSTRY PRACTICES TO ENSURE THAT LIGHTING FIXTURES FULFILL REQUIREMENTS.
D. PROVIDE AND INSTALL ALL LIGHT FIXTURES INDICATED COMPLETE WITH SPECIFIED LAMPS. FLUORESCENT LAMPS SHALL BE 48" 32W. T-8, RAPID START WITH NOMINAL OPERATING TEMPERATURES OF 3,500 K – MINIMUM INITIAL LIGHT OUTPUT OF 2850 LUMENS. COMPACT FLUORESCENT LAMPS SHALL BE 26 WATT COMPACT FLUORESCENT LAMPS SHALL BE HIGH COLOR RENDERING, HIGH EFFICIENCY LAMPS WITH NOMINAL OPERATING TEMPERATURE OF 3,500 K.
E. FASTEN LIGHTING FIXTURES SECURELY TO STRUCTURAL SUPPORTS; AND ENSURE THAT FIXTURES ARE PLUMB AND LEVEL.
F. FLUORESCENT FIXTURES INSTALLED IN LAY-IN CEILINGS SHALL BE SUPPORTED BY ADDITIONAL WIRE SUPPORT AT TWO CORNERS. ATTACHED TO CEILING GRID, AND ANCHORED TO STRUCTURAL MEMBER. THIS ADDITIONAL WIRE SUPPORT SHALL BE THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR AND IS NOT CONSIDERED PART OF GENERAL GRID LAYOUT.
G. PROVIDE EQUIPMENT GROUNDING CONNECTIONS FOR INTERIOR LIGHTING FIXTURES AS INDICATED. TIGHTEN CONNECTION TO COMPLY WITH TIGHTENING TORQUES SPECIFIED IN UL STD 486A TO ASSURE PERMANENT AND EFFECTIVE GROUNDS.
H. ALL LIGHT FIXTURES SHALL BE U.L. LISTED.

FIRE RATED WALL PENETRATIONS

A. PROVIDE U.L. LISTED FIRESTOP SYSTEM SEALANTS AROUND ALL CONDUITS PASSING THROUGH ALL RATED WALLS OR FLOORS IN ACCORDANCE WITH THE U.L. FIRE RESISTANCE DIRECTORY.
B. THE SELECTED SYSTEM MUST BEAR AN APPROVED U.L. PENETRATION SYSTEM NUMBER AND BE INSTALLED IN ACCORDANCE WITH THE SELECTED SYSTEM TAKING INTO ACCOUNT THE CONSTRUCTION AND THE RATING OF THE RATED ASSEMBLY BEING PENETRATED AND THE TYPE OF PENETRATION BEING MADE.
C. THE ELECTRICAL CONTRACTOR SHALL REVIEW ARCHITECTURAL DRAWINGS TO CONFIRM NUMBER AND EXTENT OF ALL FIRE RATED PARTITIONS IN THE FACILITY.
D. APPROVED PRODUCTS:
(1) HILTI CS240
(2) TERMCO FYRESHIELD
(3) 3M CP-25

NEW PANEL: SUITE A MDP
LOCATION: PREP ROOM
FED FROM: METER

VOLTAGE: 120/208V, 400A 3Ø, 4W
ENCLOSURE: FLUSH MOUNTED W/EQUIPMENT GRND BAR
400A MAIN, 22,000 AIC

CKT. NO.	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (KVA)	LOAD (KVA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT. NO.
1	6	HEATER/AHU #1	60	2	5.0	3.6	2	60	A/C #1	6	2
3					5.0	3.6					4
5	6	HEATER/AHU #2	60	2	5.0	3.6	2	60	A/C #2	6	6
7					5.0	3.6					8
9	6	HEATER/AHU #3	60	2	5.0	3.6	2	60	A/C #3	6	10
11					5.0	3.6					12
13	6	HEATER/AHU #4	60	2	5.0	2.4	1	30	WASHER/DRYER #1	8	14
15					5.0	2.4					16
17	12	WASHER 1	20	1	0.7	2.4	2	30	WASHER/DRYER #2	8	18
19	12	WASHER 2 & 3	20	1	1.3	2.4					20
21	10	AHU #1	30	2	2.3	2.4	2	30	WASHER/DRYER #3	8	22
23					2.3	2.4					24
25	10	AHU #2	30	2	2.3	1.6	1	20	ICE MACHINE **	12	26
27					2.3	–	1	20	SPARE		28
29	10	AHU #3	30	2	2.3	–	1	20	SPARE		30
31					2.3	–	1	20	SPARE		32
33	10	AHU #4	30	2	2.3	3.6	2	60	A/C #4	6	34
35					2.3	3.6					36
37	8	WATER HEATER	35	2	2.8	10.5	3	100	LP1 SUB PANEL	2	38
39					2.8	11.6					40
41	12	HW CIRCULATION PUMP	20	1	0.5	13.4					42

SOLID NEUTRAL NEUTRAL WIRE (W)
TOTAL CONNECTED LOAD (KVA): AØ 50.1KVA | BØ 51.9KVA | CØ 47.1KVA
GROUND BUS
GROUND WIRE (G)

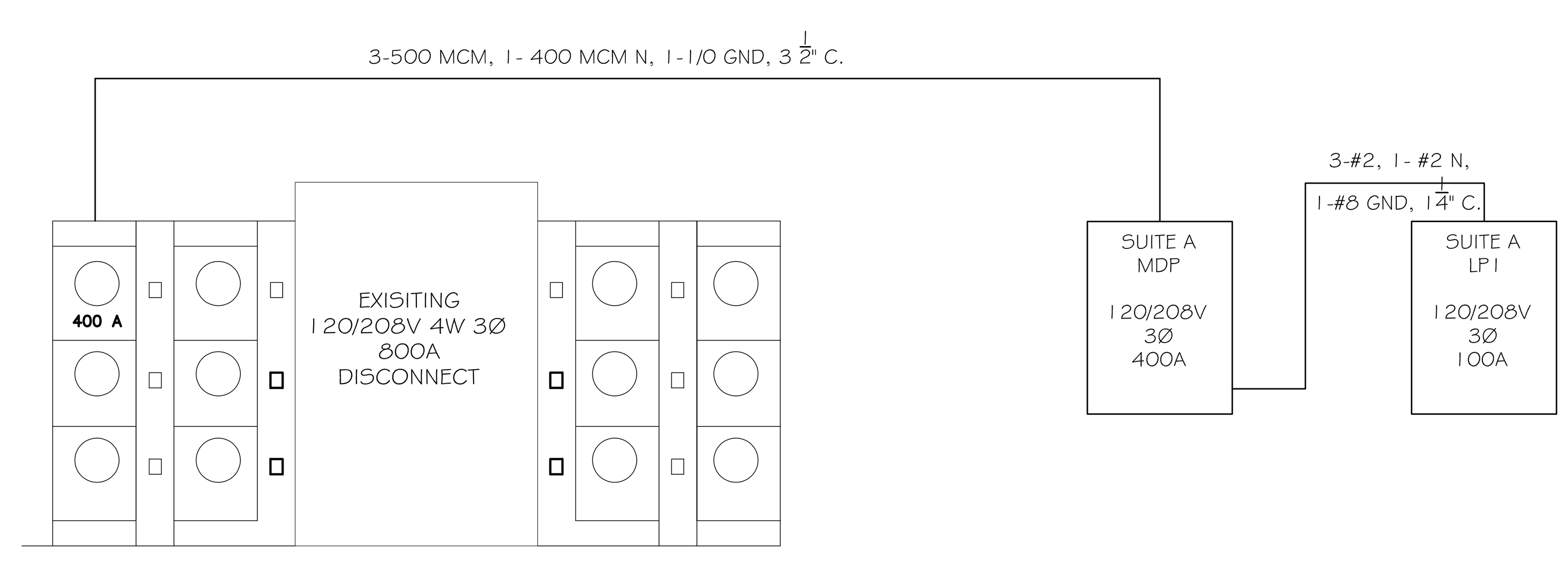
** ICE MACHINE REQUIRES A TIME DELAY BREAKER.

NEW PANEL: LP1
LOCATION: PREP ROOM
FED FROM: MDP

VOLTAGE: 120/208V, 100A 3Ø, 4W
ENCLOSURE: FLUSH MOUNTED W/EQUIPMENT GRND BAR
100A, MLO, 22,000 AIC

CKT. NO.	THHN WIRE SIZE	LOAD DESCRIPTION LOCATION	BREAKER AMP	BREAKER POLE	LOAD (KVA)	LOAD (KVA)	BREAKER POLE	BREAKER AMP	LOAD DESCRIPTION LOCATION	THHN WIRE SIZE	CKT. NO.
1	12	PREP AND OFFICE LIGHTS	20	1	1.1	1.1	1	20	EXTERIOR LIGHTS AND SIGN	12	2
3		SPARE	20	1	–	1.3	1	20	NAIL ROOM LIGHTS	12	4
5	12	HALLWAY LIGHTS	20	1	1.6	1.0	1	20	QUIET & M4 ROOM LIGHTS	12	6
7	12	FACIAL RM LIGHTS	20	1	1.4	1.0	1	20	M1, M2, M3 & DUET RM LIGHTS	12	8
9	12	MEN'S RESTROOM LIGHTS	20	1	1.3	1.2	1	20	WOMEN'S RESTROOM LIGHTS	12	10
11	12	MEN'S SHWR HEATER LIGHT VENT	20	1	1.5	1.5	1	20	WOMEN'S SHOWER HEATER/LIGHT	12	12
13	12	TUB ROOM LIGHTS	20	1	0.4	1.2	1	20	RETAIL OUTLETS	12	14
15	12	ENTRANCE OUTLETS	20	1	1.4	1.0	1	20	OFFICE OUTLETS	12	16
17	12	RETAIL LIGHTS	20	1	1.6	–	1	20	SPARE	–	18
19		SPARE	20	1	–	0.6	1	20	PEDICURE CHAIR #1	12	20
21	12	PEDICURE CHAIR #2	20	1	0.6	0.6	1	20	PEDICURE CHAIR #3	12	22
23	12	NAIL ROOM OUTLETS	20	1	0.8	0.8	1	20	QUIET ROOM OUTLETS	12	24
25	12	QUIET & M4 ROOM OUTLETS	20	1	1.2	1.2	1	20	M1, M2, M3 ROOM OUTLETS	12	26
27	12	DUET, E3, E4 ROOM OUTLETS	20	1	1.2	1.2	1	20	E1, E2, TUB & WOMEN'S OUTLET	12	28
29	12	FIRE PLACE IN QUIET ROOM	20	1	1.4	–	1	20	SPARE	–	30
31	12	REFRIGERATOR	20	1	1.3	–	1	20	SPARE	–	32
33	12	MICROWAVE	20	1	1.8	–	1	20	SPARE	–	34
35	12	DISHWASHER	20	1	1.4	–	1	20	SPARE	–	36
37		SPARE	20	1	–	–	1	20	SPARE	–	38
39		SPARE	20	1	–	–	1	20	SPARE	–	40
41	12	MICROWAVE	20	1	1.8	–	1	20	SPARE	–	42

SOLID NEUTRAL NEUTRAL WIRE (W)
TOTAL CONNECTED LOAD (KVA): AØ 10.5KVA | BØ 11.6KVA | CØ 13.4KVA
GROUND BUS
GROUND WIRE (G)



ELECTRICAL ONE LINE DIAGRAM

REVISIONS		
#	DESCRIPTION	DATE
1	REVISION #1	5/23/2013

WOODHOUSE SPA
THE HIGH GROVE APARTMENTS
BATON ROUGE, LA

JOB No: 2163 | DATE: 5/14/2013
DRAWN BY: KJK | CHECKED BY: KJK

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NOTES & SCHEDULE

SHEET No: 11 OF 15

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