

LIGHTING FIXTURE SCHEDULE

SYMBOL	TYPE	MANUFACTURER	LAMP TEMP.	VOLTAGE	CATALOG NO.	LAMPS	DESCRIPTION	MOUNTING HEIGHT
	A	THOMAS LIGHTING	3000K 80% CRI	120V	TD0003211	22K LED	PARALLEL CEILING, 14"Ø, LED LAMP WITH BRUSHED NICKEL FINISH AND WHITE ACRYLIC DIFFUSER, UL LISTED.	SEE ARCHITECTURAL DRAWINGS
	B	PHILIPS FORECAST	3000K 80% CRI	120V	FD0006836	32K LED	CHELSEA CEILING, 20"Ø, LED LAMP WITH BRUSHED NICKEL FINISH AND GREY SHIMMER FABRIC SHADE, UL LISTED.	SEE ARCHITECTURAL DRAWINGS
	C	THOMAS LIGHTING	3000K 80% CRI	120V	TD0006211	34K LED	PARALLEL BATH WALL MOUNTED, LED LAMP WITH BRUSHED NICKEL FINISH AND WHITE ACRYLIC DIFFUSER, UL LISTED.	SEE ARCHITECTURAL DRAWINGS
	D	BROAN	N/A	120V	671	100K INCAND.	COMBINATION FANLIGHT WITH 100K INCAND. LAMP, UL LISTED.	SEE ARCHITECTURAL DRAWINGS
	E1	GE LIGHTING	3000K 80% CRI	120V	107B0	6.5K LED	12" UNDER CABINET, DIRECT WIRE, LED LIGHT BAR, UL LISTED.	SEE ARCHITECTURAL DRAWINGS
	E2	GE LIGHTING	3000K 80% CRI	120V	107B1	9.5K LED	18" UNDER CABINET, DIRECT WIRE, LED LIGHT BAR, UL LISTED.	SEE ARCHITECTURAL DRAWINGS
	F	PHILIPS/DAYBRITE	4000K 80% CRI	120V	SF4C38A40L4G0C	53K LED	STAINLESS, WALL MOUNTED, LED FIXTURE WITH WHITE ACRYLIC LENS, UL LISTED.	SEE ARCHITECTURAL DRAWINGS
	FI	PHILIPS/DAYBRITE	3500K 80% CRI	120V	TAB2LAT12059H	14.9K LED	TABULAR WALL MOUNTED, DIRECT/INDIRECT LED FIXTURE WITH SOFT WHITE FINISH AND PROSTED ACRYLIC LENS, UL LISTED.	SEE ARCHITECTURAL DRAWINGS
	G	SOVEREIGN LITG.	3000K 80% CRI	120V	CLOSET-LITE C24	21K FLUOR.	14" LONG, WALL MOUNTED, FLUORESCENT CLOSET LIGHT WITH PORCELAIN WHITE ENAMEL FINISH AND CLEAR PRISMATIC LENS, UL LISTED.	SEE ARCHITECTURAL DRAWINGS
	EX1	MCPHILBEN	N/A	120/277V	VCLANR4	LED	CEILING OR WALL MOUNTED, SINGLE FACE, THERMOPLASTIC, COMBINATION EMERGENCY LIGHT/EXIT SIGN WITH CHEVRONS AS SHOWN ON PLAN, WITH 90 MINUTES NCAP BATTERY BACKUP, 3 YR. WARRANTY.	SEE ARCHITECTURAL DRAWINGS
	EM1	MCPHILBEN	N/A	120V/8V	CAX6N	6K MR16 HALOGEN	SURFACE MOUNTED EMERGENCY EGRESS LIGHT CONSTRUCTED WITH PVC WHITE FINISH AND EQUIPPED WITH 90 MINUTE NCd BATTERY, UL LISTED, 5 YR. WARRANTY.	SEE ARCHITECTURAL DRAWINGS

PANEL SCHEDULE
EXISTING

LOAD DESCRIPTION	GFI	WATTS		WATTS	GFI	LOAD DESCRIPTION
COOKTOP	4250	1	50A	4250	2	BEDROOM #2
KITCHEN RECEPT.	4250	3	20A	4250	4	KITCHEN LTG.
HALLWAY RECEPT./LTG.	250	5	15A	250	6	REFRIGERATOR
BEDROOM #1	525	7	20A	525	8	LIVING RM. RECEPT./LTG.
WATER HEATER	2250	9	30A	2250	10	MICROWAVE
SPACE	2250	11	20A	2250	12	BATHROOM RECEPT./LTG.
SPACE		13			14	SPACE
		15			16	SPACE

CONNECTED LOADS:
#A: 10.45 KW
#B: 8.63 KW
TOTAL: 19.08 KW

PANELBOARD DATA:
VOLTAGE: 208/120
PHASES: 3
FEEDER: EXISTING
BOX/TRIM: FLUSH
MAIN BKSR: 100A MLO
WIRES: 3
KAIC: EXISTING
FEED: TOP

- PANELBOARD NOTES:
- REFER TO "PANELBOARD DATA" FOR MAIN BREAKER OR MAIN LUGS CURRENT RATINGS AND LOCATION IN PANEL (TOP OR BOTTOM).
 - ALL CIRCUIT BREAKERS TO BE "BOLT-ON" TYPE.
 - ALL PANELBOARDS SHALL BE PROVIDED WITH A GROUND BUS.
 - PROVIDE NEUTRAL BUS WHERE INDICATED BY #WIRES IN "PANELBOARD DATA."
 - WHERE LOADS ARE SHOWN ON PLAN TO BE SWITCHED AT THE PANEL, PROVIDE CIRCUIT BREAKERS MARKED "SWD."
 - WHERE CIRCUIT BREAKERS SUPPLY HVAC EQUIPMENT, PROVIDE TYPE "HACR" CIRCUIT BREAKERS.
 - INTERRUPTING RATINGS INDICATED REFLECT RMS, SYMMETRICAL FAULT CURRENT AVAILABLE FROM THE SYSTEM AT PANEL LOCATION. LOWER RATED DEVICES MAY BE USED ONLY IF SERIES RATED WITH UPSTREAM DEVICES BY THE MANUFACTURER.

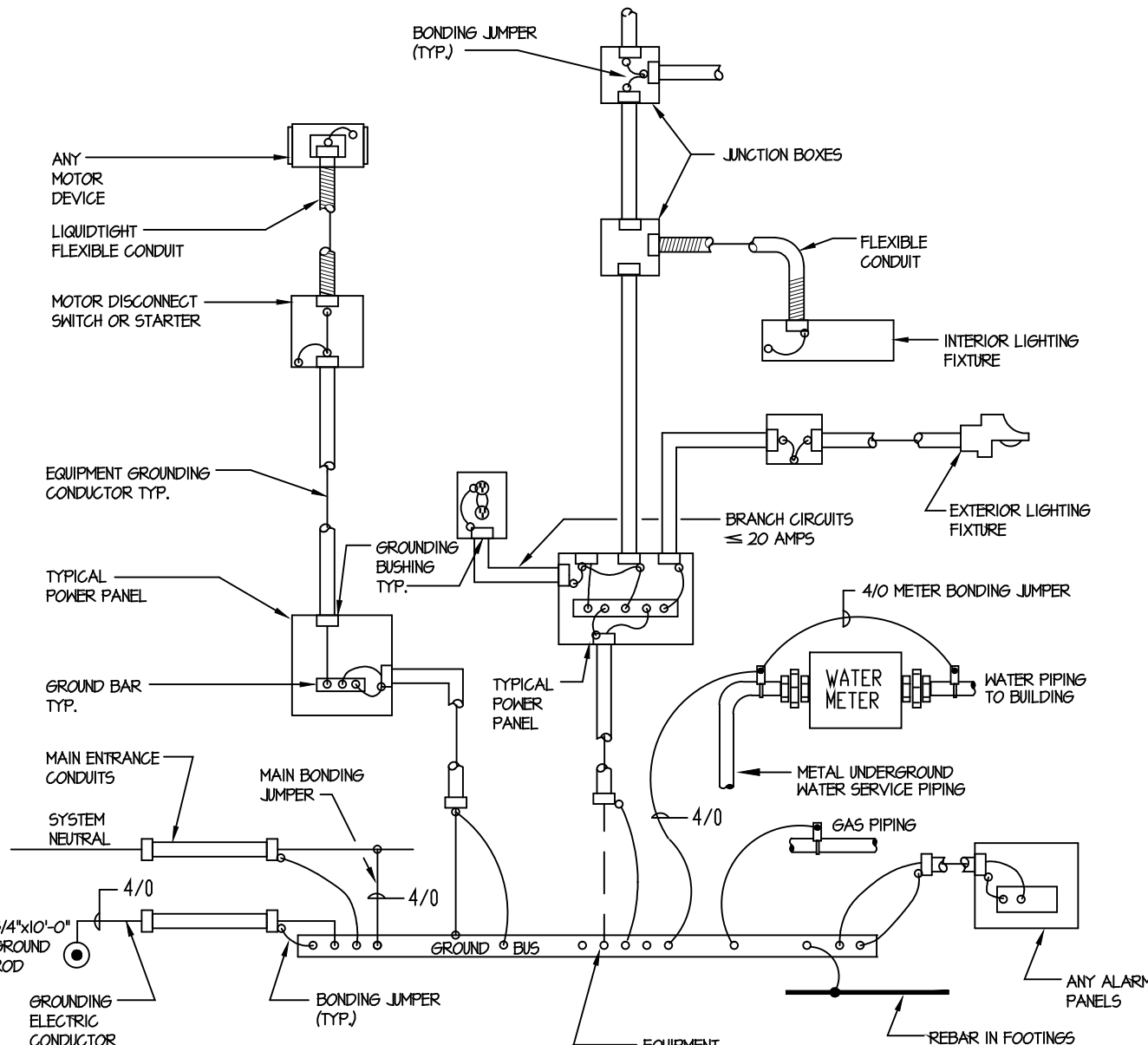
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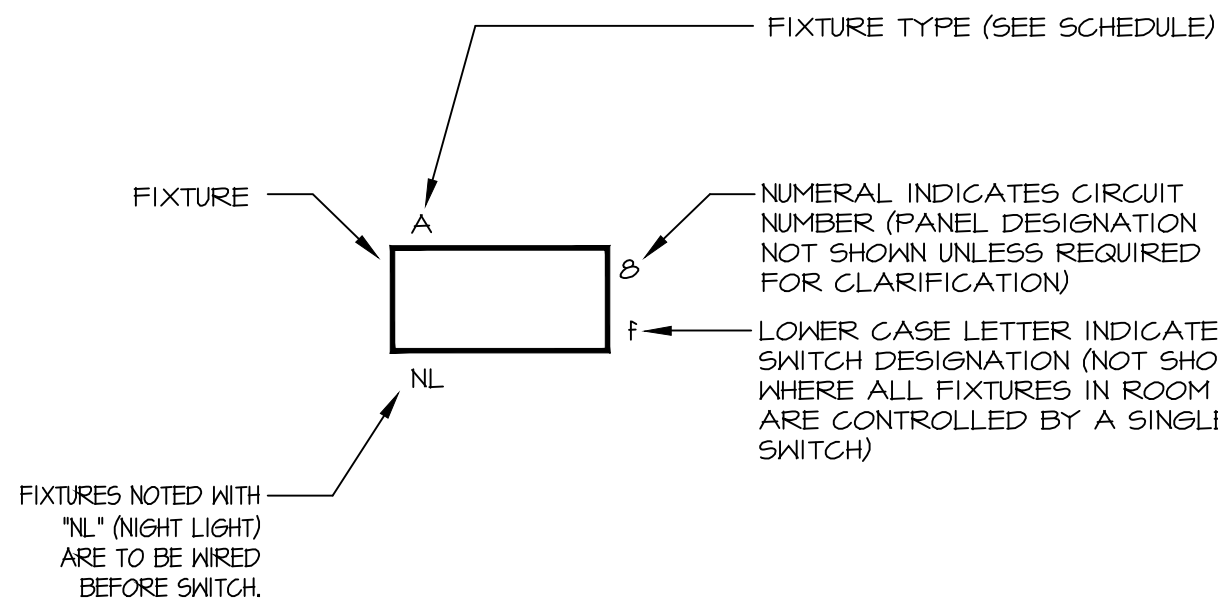
CONNECTED LOADS:
#A: 8.20 KW
#B: 6.36 KW
TOTAL: 14.56 KW

PANELBOARD DATA:
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BOX/TRIM: FLUSH
MAIN BKSR: 100A MLO
WIRES: 3
KAIC: EXISTING
FEED: TOP

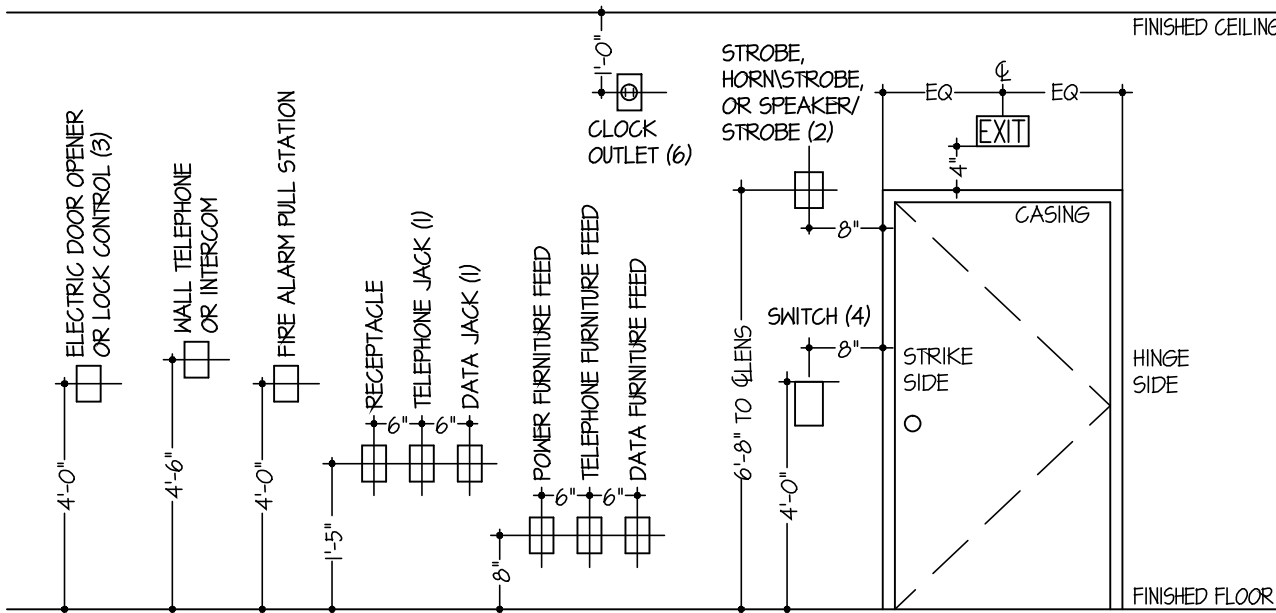
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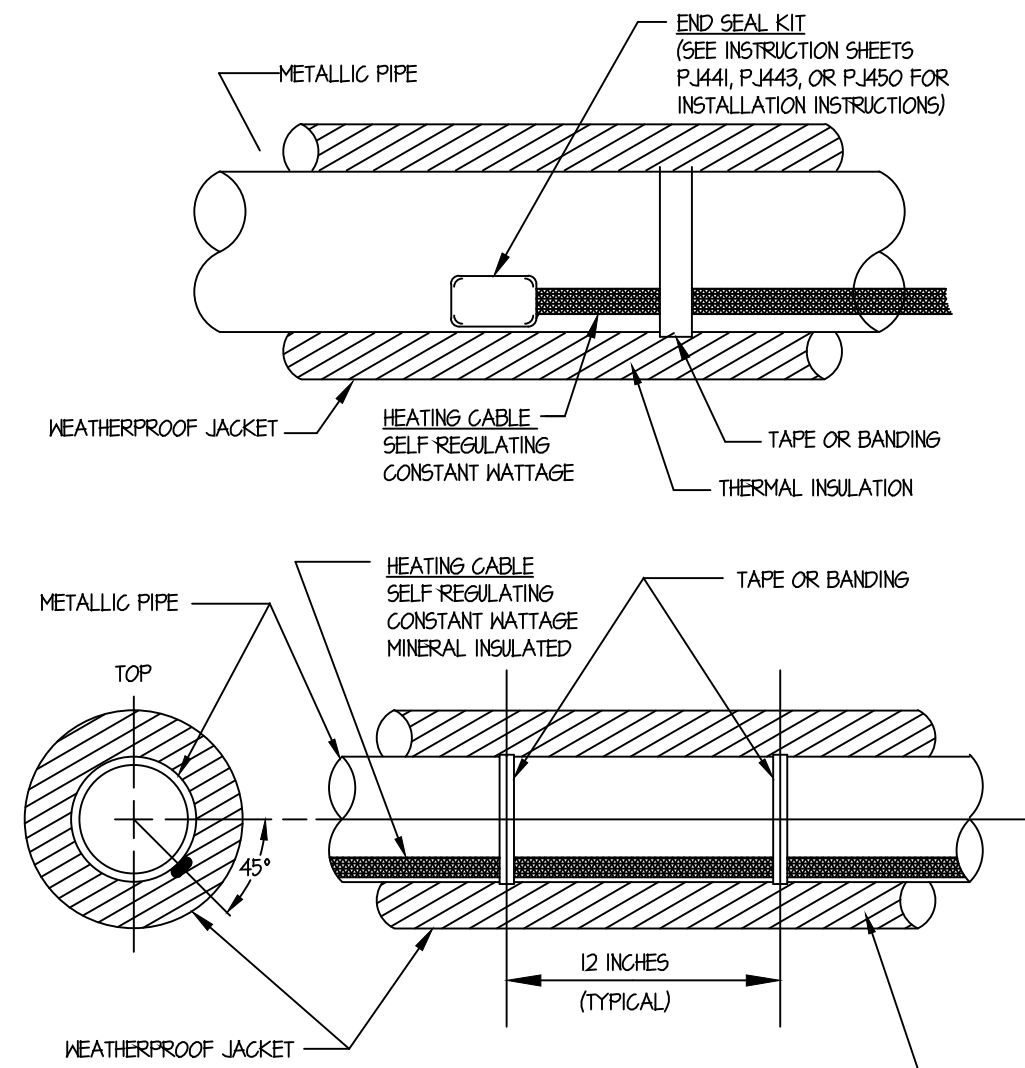
- NOTE:
- ALL REBAR #4 AND LARGER, CONTINUOUS IN THE BOTTOM OF WALL FOOTINGS AND/OR FOUNDATIONS WHICH ARE IN DIRECT CONTACT WITH THE EARTH SHALL BE CONNECTED TO THE SERVICE GROUND BUS AS A SUPPLEMENTAL ELECTRICAL MINIMUM GROUNDING ELECTRODE CONDUCTOR SHALL BE #4 AND COPPER WITH EXOTHERMIC WELDED CONNECTIONS TO REBAR. STEEL TIE WIRES SHALL BE CONSIDERED SUITABLE FOR BONDING TOGETHER OF REBARS. GROUNDING OF FOOTING REBAR IS ELECTRICAL SUBCODE PERMIT REQUIRED WORK AND SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR.



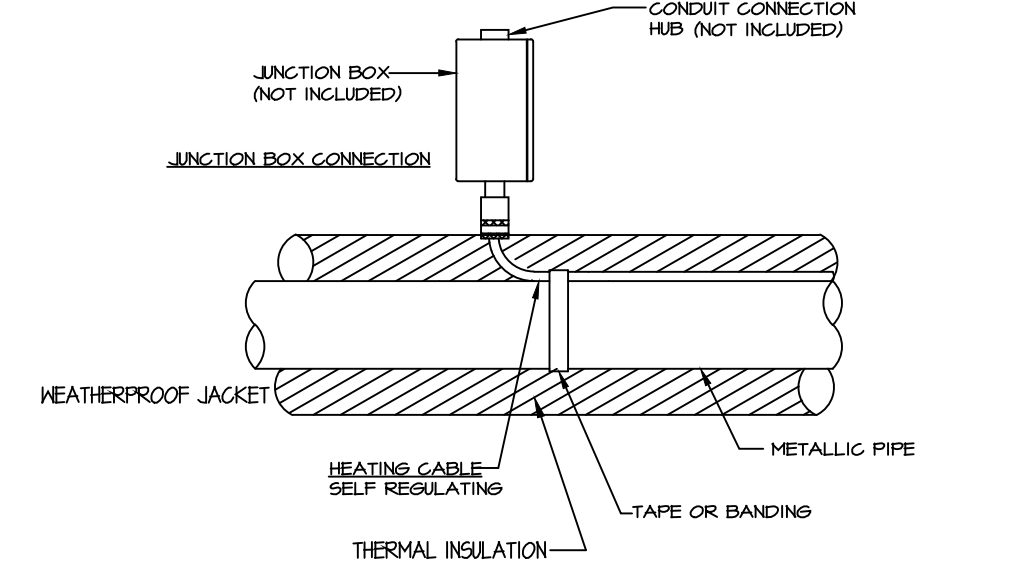
KEY TO FIXTURE WIRING DESIGNATIONS
(N.T.S.)



TYPICAL DEVICE LOCATION & ELEVATIONS
(N.T.S.)



NOTE:
CABLE LOCATED AT NOMINAL 45° BELOW HORIZONTAL CENTERLINE.



HEAT TRACING EQUIPMENT SCHEDULE

MODEL #	DESCRIPTION
SRL3-IG	SELF REGULATING HEAT TRACE CABLE, 3WFT @ 120V
RTEG-I	POWER CONNECTION KIT W/ BULB & CAPILLARY THERMOSTAT
RTEG-I	END SEAL KIT
RTEG-I	POWER CONNECTION BOX
RTEG-I	SPLICE AND TEE BOX
PS-10	STAINLESS PIPE STRAP
FT-I	FIBERGLASS TAPE IN 100FT ROLLS
GL-I	CAUTION LABELS

ALL MODEL NUMBERS ARE BASED ON GROMMALOX

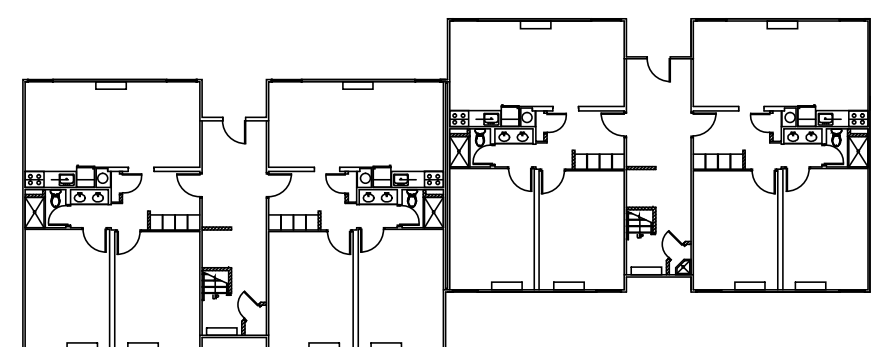
HEAT TRACING INSTALLATION DETAIL

(N.T.S.)

Revisions

Date	Issue	Description
06-03-15	1	ISSUED FOR CONSTRUCTION
11-16-15	2	REVISED PER NUDCA ELECTRONIC STAMP

Key Plan



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Cert./Lic. No.
Date 02-03-15 Scale AS NOTED
Drawn By MD Checked By SG

Dwg. Title
LIGHTING FIXTURE SCHEDULE, PANEL
SCHEDULE, & DETAILS

Work Order No. Dwg. No.

4698H E500