

CONSTRUCTION NOTES:

CABINET TO BE TYPE 3R CONSTRUCTION PER UL 50 REQUIREMENTS.

CABINET TO BE FABRICATED FROM FORMED AND WELDED .125" ALUMINUM.

CABINET TO BE SILVER WITH WHITE INTERIOR POWDER COAT PAINT

ALL CABINET EXTERIOR HARDWARE TO BE STAINLESS STEEL.

EXTERIOR DOOR HELD CLOSED WITH A VAULT TYPE HANDLE AND #2 UTILITY LOCK.

EXTERIOR DOOR SHALL BE SEALED WITH CLOSED CELL 3/16" X 1" NEOPRENE GASKETING

EXTERIOR DOOR SHALL HAVE A WIND LATCH

HINGED INNER DEAD FRONT TO BE HELD CAPTIVE WITH 1/4 TURN LATCHES.

8" X 10" PRINT POCKET ON REAR OF OUTER DOOR.

THE COMPLETED ASSEMBLY TO BE UL508A LISTED, 22K AIC SHORT CIRCUIT RATING.

BILL OF MATERIAL:

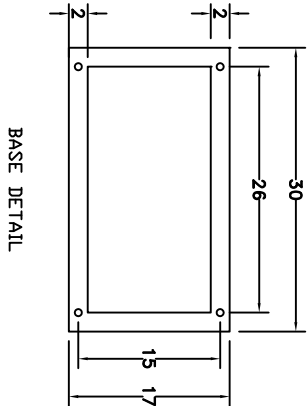
- 100A, 1PH, 3W, 240/480V, 22K AIC PANEL WITH COPPER BUS BAR BY STATES MFG.
- 1 - 100A 2P MAIN BREAKER
- SIEMENS #ED62B100
- 2 - 15A 1P BRANCH BREAKER
- SIEMENS #ED41B015
- 7 - 30A 2P BRANCH BREAKER
- SIEMENS #ED42B030
- SURGE PROTECTOR, (5) 50KA SURGE CURRENT CAPACITY, 240/480V SPLIT PHASE ADVANCE PROTECTION TECH. #S50A27TV2PN
- HAND-OFF-AUTO SELECTOR SWITCH
- ALLEN BRADLEY #800T-J2A
- PHOTOCELL
- AREA LIGHTING RESEARCH SST-PU-IES-UL
- PHOTOCELL BASE
- AREA LIGHTING RESEARCH AME-NB
- 30A 3P CONTACTORS (4), 240VAC COIL
- SIEMENS #LEN00C003-240B
- 3 POINT TERMINAL BLOCKS
- USD #NDN111-VH
- TRANSFORMER SECONDARY LOAD BREAKERS
- 3 - 15A 1P BRANCH BREAKER
- SIEMENS #B01B015
- 1500VA CONTROL POWER TRANSFORMER
- 240V PRI, 120V SEC.
- SIEMENS #DN05
- GFI OUTLET
- LEVITON #N899
- LED LIGHT
- PENTAIR #LED1A1535
- DOOR SWITCH
- HDT-MAN #H4L-SVD

SIDE VIEW

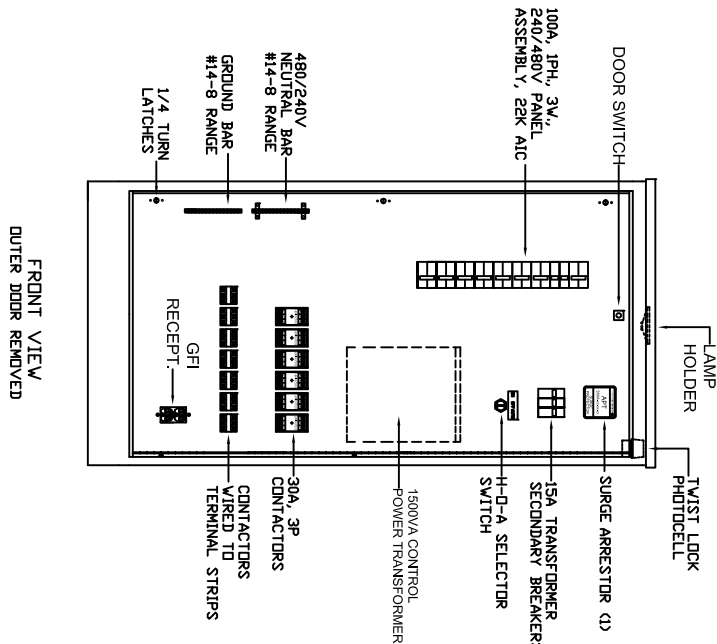
FRONT VIEW

SIDE VIEW

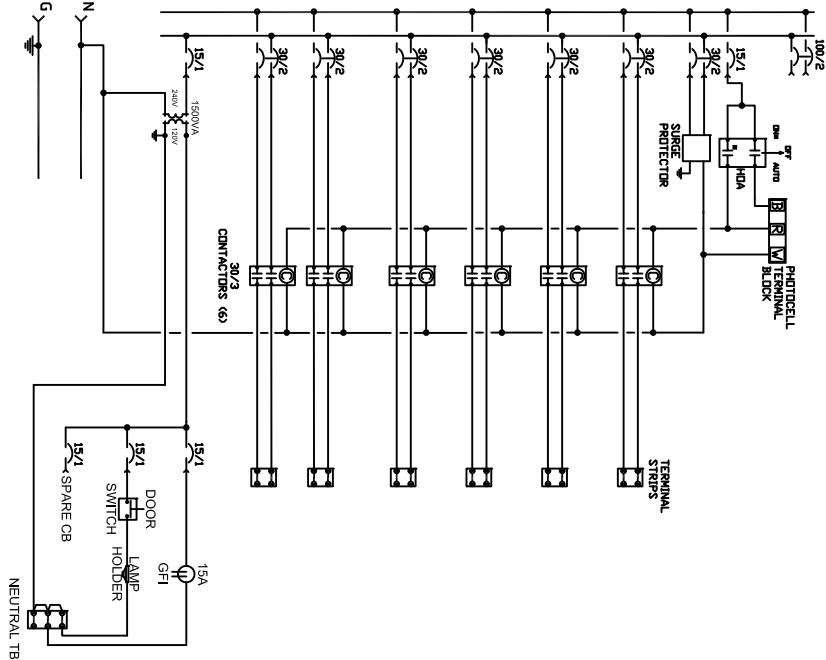
REAR VIEW



BASE DETAIL



FRONT VIEW
OUTER DOOR REMOVED



WIRING DIAGRAM

PART NUMBER
WISDOT L30 240/480V

MISCELLANEOUS NOTES
1. CAN BE SERVICE ENTRANCE RATED

REV. #	DATE	BY	REVISION DESCRIPTION
-	-	-	-

VOLTAGE	480/240
PHASE	1PH
WIRE	3W
FREQUENCY	60HZ
S.C. RATING	22KAIC
PHASE BUS	-
BUS MATERIAL	-
GND. BUS	-

CERTIFICATION	UL 508A
ENCL. TYPE	NEMA 3R
ENCL. MATERIAL	.125" ALUMINUM
ENCL. PAINT	ANODIZE TYPE 2 CLEAR COAT
CONTROL WIRE TYPE	-
PT/CT WIRE SIZE	-
CONTROL WIRE SIZE	-
WIRE LABELS	-
EXT. LABELS	-

DRAWN DATE	06/04/15	DRAWN BY	DK	CHECK BY	BS
ENGINEER	-	-	-	-	-
CONTRACTOR	-	-	-	-	-
DISTRIBUTOR	-	-	-	-	-

JOB NAME
WISDOT SUBMITAL



SHEET TITLE
-

SERIAL NUMBER	DRAWING TYPE SHEET
-	EL 01
ORDER NUMBER	SCALE
-	-

240/480, 1PH, 3W, 100A
ELEVATION DRAWING

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