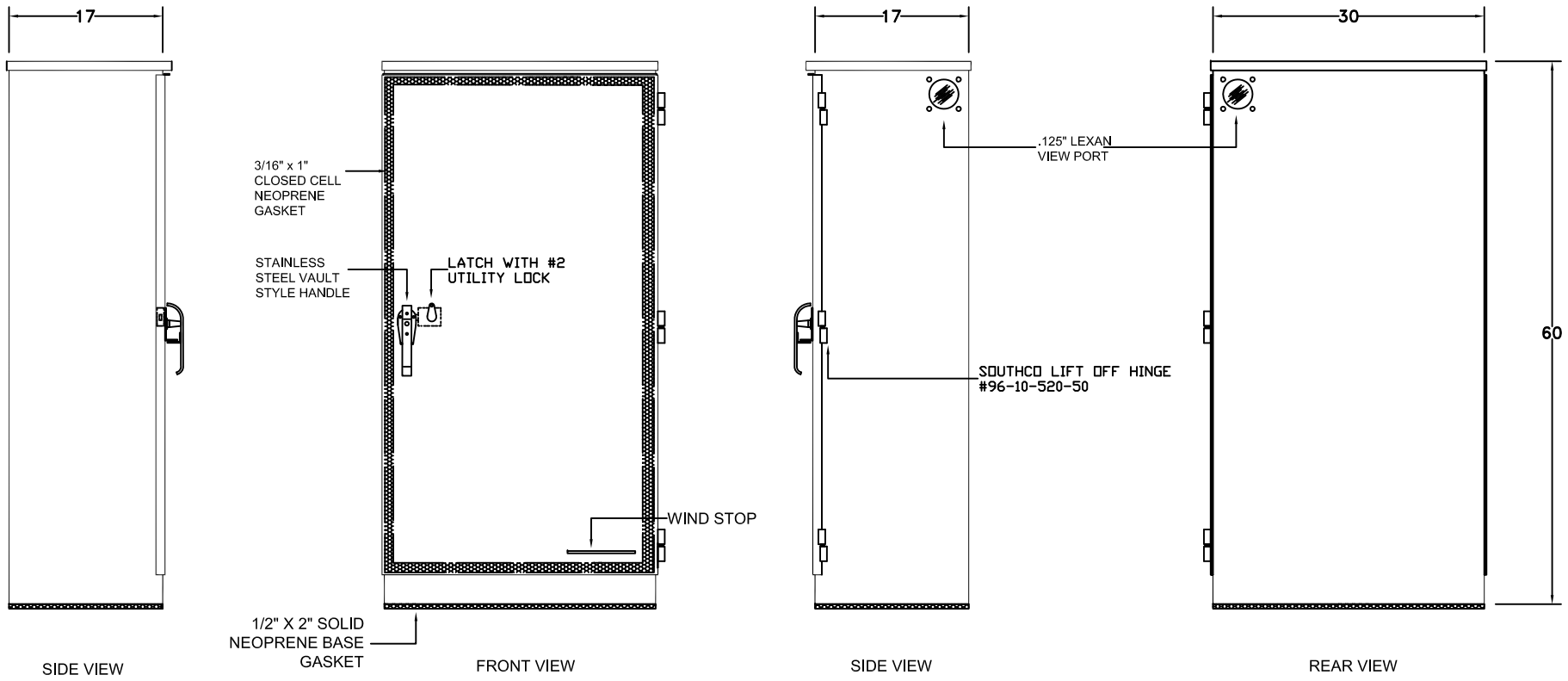


CONSTRUCTION NOTES:

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

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

CABINET TO HAVE A CLEAR ANODIZED FINISH TYPE 2

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

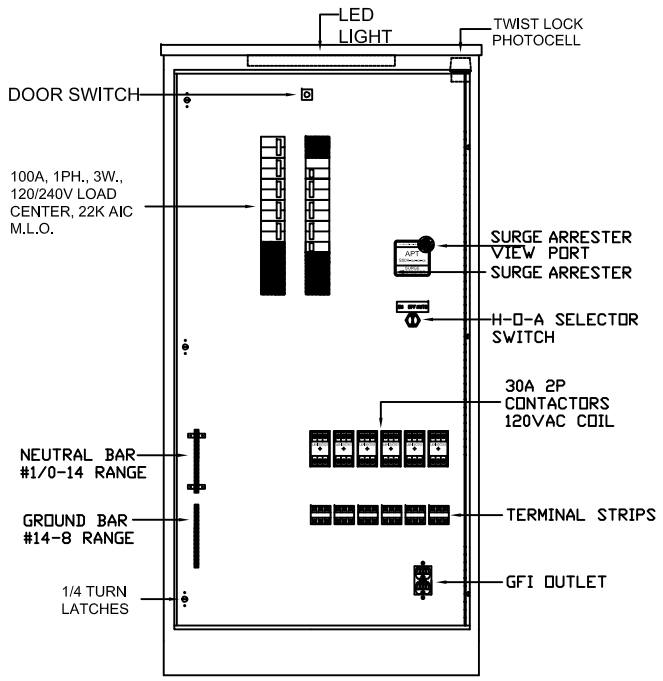
EXTERIOR DOOR TO HAVE A STAINLESS STEEL WIND STOP

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

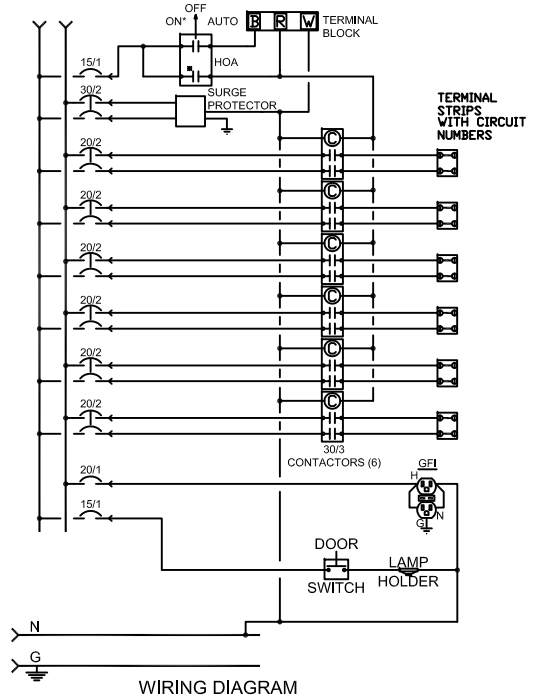
8" X 10" PRINT POCKET ON REAR OF OUTER DOOR.

THE COMPLETED ASSEMBLY TO BE RATED 22K AIC SHORT CIRCUIT RATING.

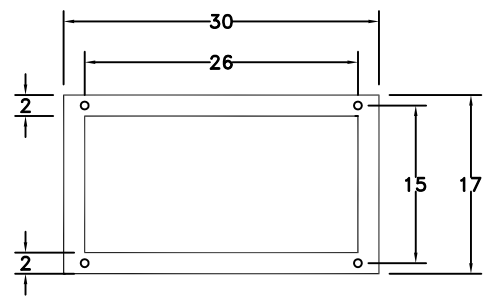
THE COMPLETED ASSEMBLY TO BE UL508A LISTED.



FRONT VIEW
OUTER DOOR REMOVED



WIRING DIAGRAM



BASE DETAIL

BILL OF MATERIAL:

30 CIRCUIT, 100A, 1PH., 3W., 120/240V, 22K AIC LOAD CENTER WITH COPPER BUS BAR MAIN LUG ONLY

1 - 100A 2P BRANCH BREAKER #Q2100H
1 - 30A 2P BRANCH BREAKER #Q2030H
6 - 20A 2P BRANCH BREAKER #Q2020H
2 - 15A 1P BRANCH BREAKER #Q115H
1 - 20A 1P BRANCH BREAKER #Q120H

SURGE PROTECTOR, 50KA SURGE CURRENT CAPACITY
ADVANCE PROTECTION TECH. #S50A120V2PN

HAND-OFF-AUTO SELECTOR SWITCH
ALLEN BRADLEY #800T-J2A

PHOTOCELL
AREA LIGHTING RESEARCH SST-PU-IES-UL

PHOTOCELL BASE
AREA LIGHTING RESEARCH AM2-NB

30A 3P CONTACTORS (6), 120VAC COIL
SIEMENS #LEN00C003-120B

3 POINT TERMINAL BLOCKS
USD #NDN111-WH

GFI OUTLET
LEVITON #N899

LED LIGHT
PENTAIR #LEDA1535

DOOR SWITCH
HOFFMAN #ALFSWD

NEOPRENE BASE GASKET
SHIPPED LOOSE WITH CABINET

PART NUMBER
WISDOT L30 120/240V

MISCELLANEOUS NOTES

-

REV. #	DATE	BY	REVISION DESCRIPTION
-	-	-	-

CONSTRUCTION NOTES

VOLTAGE	120-240	CERTIFICATION	UL508A
PHASE	1	ENCL. TYPE	NEMA 3R
WIRE	3	ENCL. MATERIAL	.125 ALUMINUM
FREQUENCY	60HZ	ENCL. PAINT	CLEAR ANODIZED TYPE 2
S.C. RATING	22,000	CONTROL WIRE TYPE	MTW
PHASE BUS	100A	PT/CT WIRE SIZE	-
NEUTRAL BUS	100A	CONTROL WIRE SIZE	-
BUS MATERIAL	COPPER	WIRE LABELS	-
GND. BUS	COPPER	EXT. LABELS	-

DRAWN DATE	DRAWN BY	CHECK BY
06/08/15	DK	BS

ENGINEER
-

CONTRACTOR
-

DISTRIBUTOR
-

JOB NAME
WISDOT SUBMITAL
30" WIDE
-

SHEET TITLE
WIDOT LIGHTING CABINET
120/240 VOLT
ELEVATION / SCHEMATIC DRAWING

STATES MANUFACTURING

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

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