



- LAYOUT MAY VARY
- 1 - DRB DUPLEX RECEPTACLE BREAKER
 - 2 - CCB CONTROL CIRCUIT BREAKER
 - 3 - MCB MAIN CIRCUIT BREAKER
 - 4 - ECB EMERGENCY CIRCUIT BREAKER
 - 5 - TCB TRANSFORMER CIRCUIT BREAKER
 - 6 - MB1 MOTOR BREAKER 1
 - 7 - MB2 MOTOR BREAKER 2
 - 8 - MS1 MOTOR STARTER 1
 - 9 - MS2 MOTOR STARTER 2
 - 10 - R1-9 RELAY 1-9
 - 11 - ALT ALTERNATOR
 - 12 - MCI-2 MINICAS 1-2
 - 13 - CCT CONTROL CIRCUIT TRANSFORMER
 - 14 - PM PHASE MONITOR
 - 15 - FUSE BLOCKS
 - 16 - BOAC BATTERY BACKUP
 - 17 - BOAC BATTERY OPERATED ALARM CIRCUIT
 - 18 - CPT CONTROL POWER TRANSFORMER
 - 19 - TSA TERMINAL STRIP A
 - 20 - TSB TERMINAL STRIP B
 - 21 - TSC TERMINAL STRIP C
 - 22 - GROUND BUSBAR
 - 23 - SM1-2 SUBMEG 1-2
 - 24 - LA LIGHTING ARRESTOR

- NOTES:
1. OUTER BOX SIZE SHALL BE A MINIMUM OF 24"W X 36"H X 10"D OR AS APPROVED BY THE CITY.
 2. FOR STATIONS WITH PUMPS RATED 20 HP OR GREATER, OUTER BOX SIZE SHALL BE 30"W X 42"H X 10"D.
 3. DRAWINGS SHALL BE REVISED FOR STATIONS WITH PUMPS RATED GREATER THAN 47 HP AND SUBMITTED TO THE CITY FOR APPROVAL.
 4. BOX SHALL BE NEMA 4X 14 GA. STAINLESS STEEL.
 5. SWITCHES SHALL BE NEMA 4X BY SQUARED OR APPROVED EQUAL.
 6. CONTROL PANEL SHALL BE EQUIPPED WITH A FLASHING RED LIGHT WITH LONG LIFE BULB IN GUARDED ENCLOSURE AND 6" DIA. HORN. HORN SHALL EMIT 120 DB AT 10'. ALARM HORN AND LIGHT SHALL BE POWERED FROM 12V DC POWER SUPPLY WITH BATTERY BACK-UP. PROVIDE A RECHARGEABLE BATTERY RATED TO POWER BOTH THE HORN AND LIGHT FOR A MINIMUM OF TWO HOURS UPON LOSS OF MAIN POWER. PROVIDE CIRCUITRY TO AUTOMATICALLY RECHARGE THE BATTERY AFTER MAIN POWER IS RESTORED. FULL CHARGE OF THE BATTERY SHALL TAKE NO MORE THAN TWENTY HOURS. PANEL SHALL HAVE POWER ON LIGHT, PUSH TO TEST BUTTON FOR HORN AND LIGHT AND PUSH TO SILENCE BUTTON FOR HORN AND LIGHT WITH AUTOMATIC RESET FOR NEXT ALARM. ALARM SHALL ACTIVATE UNDER THE FOLLOWING CONDITIONS:
 - A. HIGH LIQUID LEVEL AS SENSED BY FLOAT SWITCH
 - B. LOSS OF MAIN POWER
 - C. POWER MALFUNCTION (PHASE/VOLTAGE)

DUPLX CONTROL PANEL ENCLOSURE DEAD FRONT LAYOUT

NOT TO SCALE

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TECHNICAL
STANDARDS
MANUAL

DUPLX CONTROL PANEL
ENCLOSURE DEAD FRONT LAYOUT
TECHNICAL STANDARDS MANUAL
CITY OF LYNN HAVEN FLORIDA

CAD FILE:	DCPEDFL
DWN BY:	JEH
DATE:	30 APR 07
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DETAIL	LS-2