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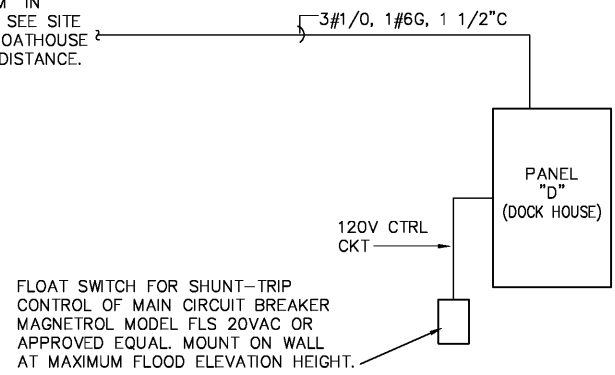
**BID ALTERNATE NO. 3**

1. THIS WORK IS PART OF BID ALTERNATE NO.2. ALL GENERAL REQUIREMENTS AND SPECIFICATIONS APPLY TO THIS WORK. SEE SHEET 0.E001 FOR GENERAL REQUIREMENTS, SCHEDULES, AND LEGEND.

**NEMA 4X ENCLOSURE**

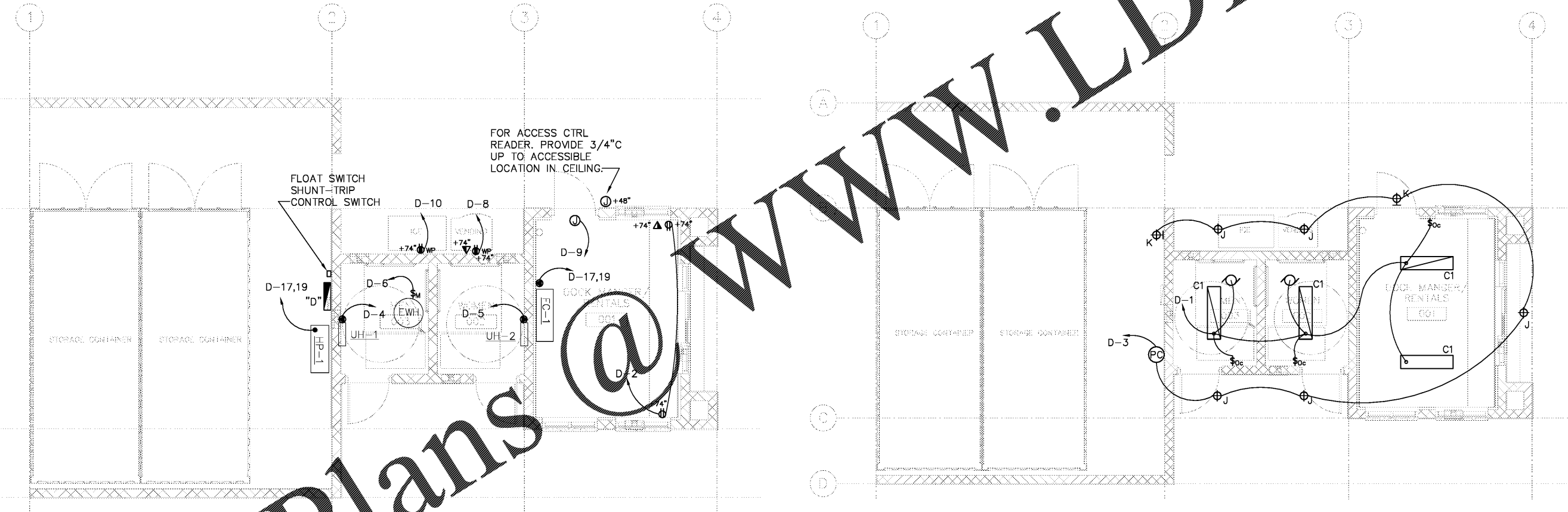
<b>PANEL D</b>		100 AMP MAINS		SURFACE <input checked="" type="checkbox"/>					
208/120 V, 1 PH, 3 W, 60 HZ		100 AMP MAIN SHUNT TRIP TYPE BKR							
ALL BREAKERS SHALL HAVE A MINIMUM INTERRUPTING RATING OF 22,000 AMPS. PANEL SHALL BE PROVIDED WITH SEPARATE GROUND BUS.									
CKT No.	LOAD DESCRIPTION	BREAKERS POLE	AMP	KVA	BREAKERS AMP POLE	LOAD DESCRIPTION	CKT No.		
1	LIGHTING	1	20	0.4	1.4	20	1	RECEPTACLES	2
3	LIGHTING	1	20	0.5	1.5	20	1	UH-1	4
5	UH-2	1	20	1.5	1.5	20	1	WATER HEATER	6
7	FLOAT SWITCH CTRL	1	20	1.0	1.0	20	1	VENDING	8
9	ACCESS CTRL	1	20	0.3	1.2	20	1	ICE BIN	10
11									12
13									14
15									16
17	AHU/HP	2	20	2.0					18
19									20
TOTAL CONNECTED LOAD				11	KVA				

TO PANEL "M" IN BOATHOUSE. SEE SITE PLAN AND BOATHOUSE PLANS FOR DISTANCE.



FLOAT SWITCH FOR SHUNT-TRIP CONTROL OF MAIN CIRCUIT BREAKER MAGNETROL MODEL FLS 20VAC OR APPROVED EQUAL. MOUNT ON WALL AT MAXIMUM FLOOD ELEVATION HEIGHT.

**DOCK HOUSE SINGLE LINE DIAGRAM**  
SCALE: NTS



**DOCK HOUSE POWER PLAN**  
SCALE: 1/4" = 1'-0"

**DOCK HOUSE LIGHTING PLAN**  
SCALE: 1/4" = 1'-0"

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Revisions	
Rev. No.	Rev. Date

DRAWN BY: DFW  
CHECKED BY: DFW  
DATE: 06.01.2018

COAST PROJECT NO.: 1722.00

DOCK HOUSE LIGHTING AND POWER PLANS

**3.E101**

BID DOCUMENTS