STATE PROJECT NO.
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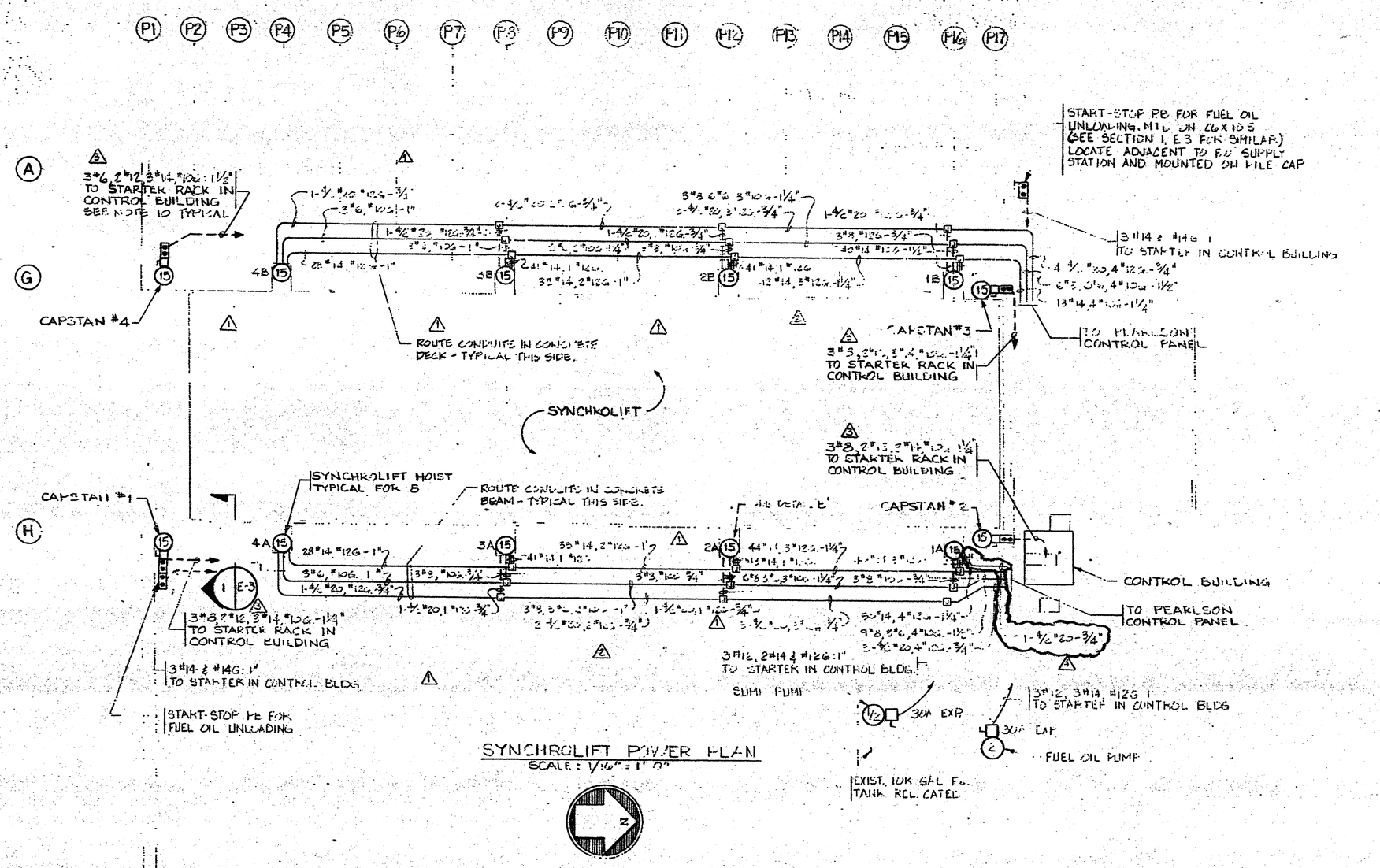
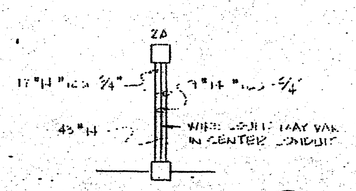
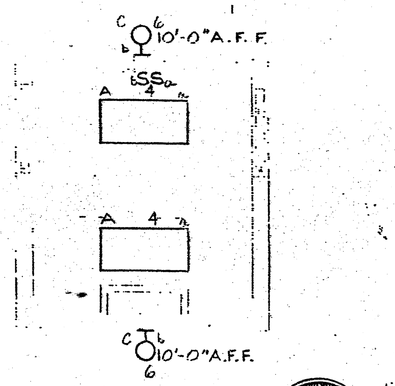


SYNCHROLIFT POWER PLAN

SCALE: 1/16" = 1'-0"

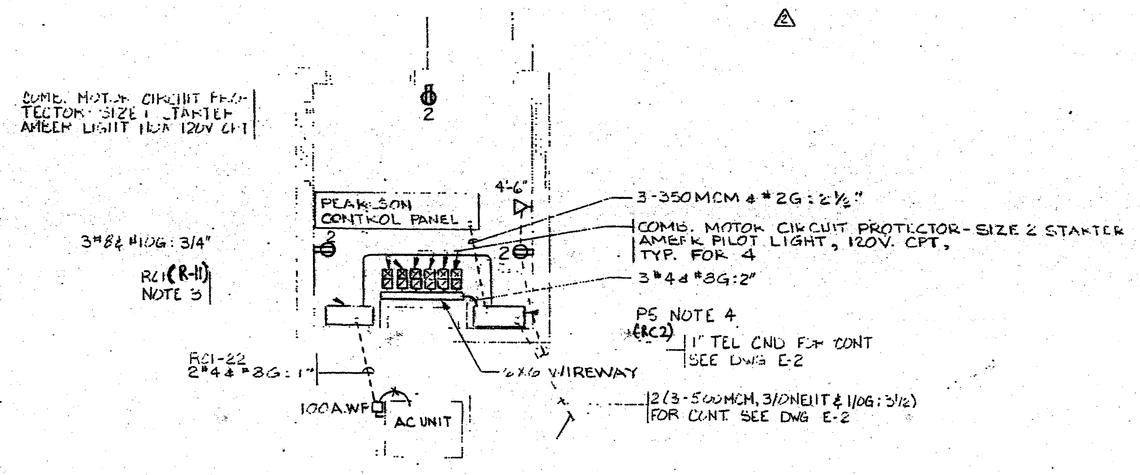


DETAIL (TYP. LA. CONTROL WIRING) — E3



CONTROL BUILDING LIGHTING PLAN

SCALE: 1/4" = 1'-0"

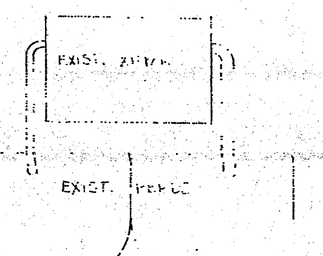


CONTROL BUILDING POWER PLAN

SCALE: 1/4" = 1'-0"

NOTES:

1. FOR STUB-UP LOCATIONS OF CONTROL, LOAD CELL AND POWER CONDUITS, SEE PEARLSON ENGINEERING CO., INC. DWG. S-2354-101. A
2. 4/C #20 - SHIELDED BELDEN 8424 OR EQUAL.
3. MINI-POWER CENTER 30KVA, 480-208Y/120V, 3Ø, 4W., PRI. BKR 90A, SEC BKR 100 AMP, BR. BKRS REFER TO DWG. E-1.
4. FOR PS1, PROVIDE SERVICE ENTRANCE LABEL
5. REFER TO PEARLSON ENGINEERING CO. INC. INSTALLATION MANUAL FOR PROCUREMENT SPECIFICATION AND INSTALLATION OF ELECTRIC CABLES AND DETAIL FOR TERMINATING CABLES.
6. FOR TYPICAL ARRANGEMENT OF ELECTRICAL SYSTEM, SEE PEARLSON ENGINEERING CO. INC. DWG. S-2354-2.3B. A
7. EXIST. POWER CONSOLE #2 TO BE REMOVED, STORED AND RE-INSTALLED ON CONCRETE PAD IF ALTERNATE #1 IS ACCEPTED. REMOVE TREATED WOOD PLATFORM AND RETURN TO OWNER.
   EXIST. POWER CONSOLE #2 IS STORED IN EXIST. UTILITY BUILDING. INSTALL POWER CONSOLE #2 ON CONCRETE. COORDINATE INSTALLATION. A
8. USE CRISCETE BOXES, WATER TIGHT IN CONCRETE. SET FLUSH WITH TOP OF FINISHED CONCRETE. BOXES SHALL HAVE ½" PLATE COVERS. CONTROL BOXES = 8"x10"x4" POWER BOXES = 8"x2"x4". LOAD CELL = 6"x4"x4"
9. FOR FIELD WIRING DIAGRAM SEE PEARLSON ENGINEERING CO., INC. DWG # S-2354-103A.
10. PROVIDE 120V FROM EACH CONTROL PANEL TRANSFORMER THROUGH NORMALLY CLOSED CONTACTS IN STARTER FOR EACH CAPSTAN MOTOR HEATER. INSTALL IN INTERLOCK ON CAPSTAN DISCONNECT. CONTACT WIRING SO HEATER IS DISCONNECTED WITH MOTOR. A

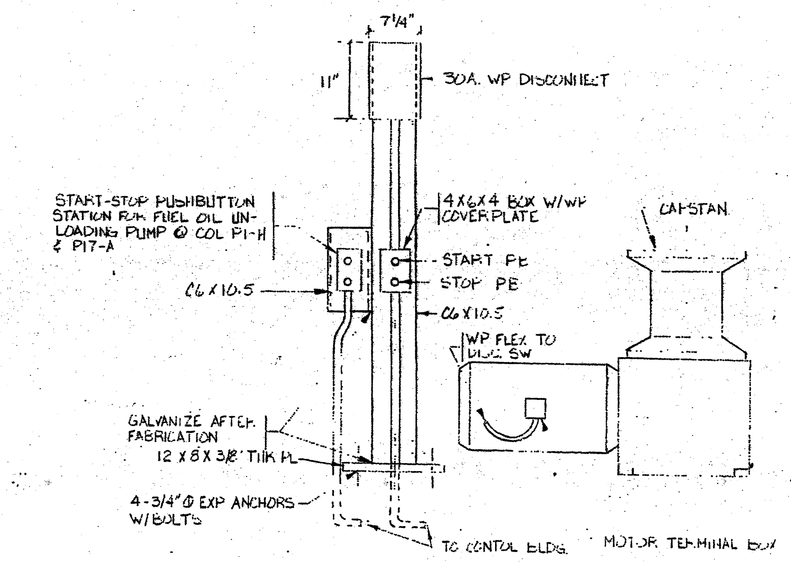


SEE NOTE 7

DETAIL (A / E-3)

SCALE: 3/4" = 1'-0"

FOR INFORMATION ONLY



SECTION

SCALE: 1" = 1'-0"

1" = 1'-0" — 1 0 1 2 scale feet

½" = 1'-0" — 2 0 2 4 6 8 10 scale feet

1/16" = 1'-0" — 5 0 10 20 30 40 scale feet

NO.	DATE	REVISION	BY	CK.	APPR.
4	7-3-85	REROUTE 1-½"Ø-¾" TO CONTROL PANEL	NDS		
3	6-25-85	ADDED WIRING FOR HEATERS IN CAPSTAN MOTORS	NDS		
2	5-7-85	REVISED TO CLARIFY SYNCHRO-LIFT WIRING	NDS		
1	7-23-84	REV. PER ADDENDUM #1, ISSUED FOR CONST.	FHW		
0	3-12-84	ISSUED FOR BIDS	FHW		

DRAWN BY WARREN / TLF
DEPT. CK. [illegible]
DEPT. APPR.
COORD. CK.
P.M. APPR.
CLIENT APPR.

LOCKWOOD GREENE
Planners/Engineers/Architects/Managers
Spartanburg, South Carolina

SHEET TITLE: POWER PLANS AND DETAILS

JOB NAME: PHASE IV
MARINE MAINTENENCE FACILITY
NORTH CAROLINA DEPARTMENT OF TRANSPORTATION
MANNS HARBOR, N.C.

JOB NO. 79513.11
DATE 3-13-84
REV. NO.
SCALE AS NOTED
DWG. NO. E-3.