

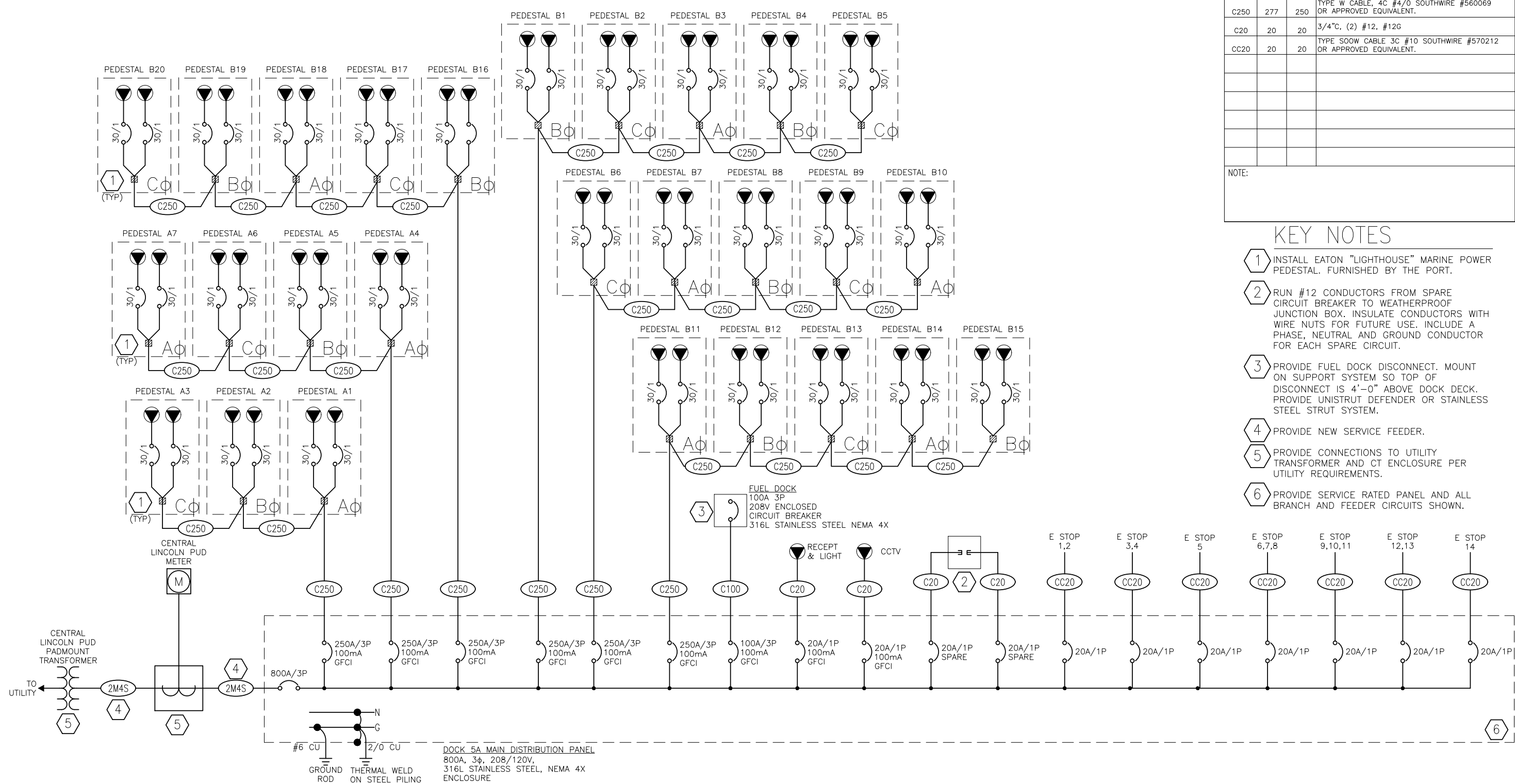
FEEDER SCHEDULE

FEEDER DESIGN	RATED AMPS	MAX OCPD	CONDUIT AND CONDUCTORS
M4S	380	400	3-1/2", (4) #500 KCML CU
2M4S	760	800	2[3-1/2",(4)] #500 KCML CU
C100	101	100	TYPE W CABLE, 4C #4 SOUTHWIRE #558156 OR APPROVED EQUIVALENT.
C250	277	250	TYPE W CABLE, 4C #4/0 SOUTHWIRE #560069 OR APPROVED EQUIVALENT.
C20	20	20	3/4", (2) #12, #12G
CC20	20	20	TYPE SOOW CABLE 3C #10 SOUTHWIRE #570212 OR APPROVED EQUIVALENT.

NOTE:

KEY NOTES

- 1 INSTALL EATON "LIGHTHOUSE" MARINE POWER PEDESTAL. FURNISHED BY THE PORT.
- 2 RUN #12 CONDUCTORS FROM SPARE CIRCUIT BREAKER TO WEATHERPROOF JUNCTION BOX. INSULATE CONDUCTORS WITH WIRE NUTS FOR FUTURE USE. INCLUDE A PHASE, NEUTRAL AND GROUND CONDUCTOR FOR EACH SPARE CIRCUIT.
- 3 PROVIDE FUEL DOCK DISCONNECT. MOUNT ON SUPPORT SYSTEM SO TOP OF DISCONNECT IS 4'-0" ABOVE DOCK DECK. PROVIDE UNISTRUT DEFENDER OR STAINLESS STEEL STRUT SYSTEM.
- 4 PROVIDE NEW SERVICE FEEDER.
- 5 PROVIDE CONNECTIONS TO UTILITY TRANSFORMER AND CT ENCLOSURE PER UTILITY REQUIREMENTS.
- 6 PROVIDE SERVICE RATED PANEL AND ALL BRANCH AND FEEDER CIRCUITS SHOWN.



THIS DOCUMENT IS THE PROPERTY OF ALLIANCE CONSULTING ENGINEERS LLC. IT IS FOR USE BY ALLIANCE CONSULTING ENGINEERS LLC IN THE CONSTRUCTION OF THIS PROJECT. NO OTHER USE IS PERMITTED WITHOUT THE EXPLICIT WRITTEN PERMISSION OF ALLIANCE CONSULTING ENGINEERS LLC. COPYRIGHT © 2025, ALLIANCE CONSULTING ENGINEERS LLC.

DOCK 5A MAIN DISTRIBUTION PANEL
800A, 3φ, 208/120V,
316L STAINLESS STEEL, NEMA 4X
ENCLOSURE

NO.	DATE	REVISION DESCRIPTION	DRAWN BY	ENGR BY	CHECKED BY	APVD BY	No.	DATE	REVISION DESCRIPTION	DRAWN BY	ENGR BY	CHECKED BY	APVD BY
							A	06/13/25	ISSUE FOR BID	MF	NF	NF	NF

Port of Newport

TITLE: PORT OF NEWPORT
NEWPORT, OR
DOCK 5 & 3 RENOVATION
DOCK 5 ONE-LINE DIAGRAM [SHEET 1 OF 2]

SCALE: NO SCALE DRAWING NO: PON-E10-911 SHEET OF REV: 1 2 A