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**SYMBOLS LIST**

	OVERHEAD 4 FT LIGHT FIXTURE, SURFACE MOUNTED, DRIP PROOF
	OVERHEAD 4 FT LIGHT FIXTURE, SURFACE MOUNTED, DRIP PROOF, W/ EMERGENCY BATTERY BACKUP
	OVERHEAD RECESSED DOWN LIGHT
	OVERHEAD RECESSED DOWN LIGHT, W/RED LENS
	OVERHEAD RECESSED DOWN LIGHT, W/EMERGENCY BATTERY BACKUP
	2FT LIGHT FIXTURE, SURFACE MOUNTED
	2FT LIGHT FIXTURE, SURFACE MOUNTED, W/ EMERGENCY BATTERY BACKUP
	DECK LIGHT, BULKHEAD MOUNT
	EMERGENCY DECK LIGHT, BULKHEAD MOUNT
	JUNCTION BOX, 4x4, WATERTIGHT, DEPENDING ON LOCATION
	SWITCH, SPST, 120V/20A, WATERTIGHT, DEPENDING ON LOCATION
	LINES PASS THROUGH, NOT JOINED OR SPLICED
	ILLUMINATED EXIT SIGN
	FLOODLIGHT
	FLOODLIGHT, FOR EMERGENCY SERVICE
	DUPLEX RECEPTACLE, SURFACE OR RECESS MOUNTED DEPENDING ON LOCATION
	SHORE POWER RECEPTACLE
	SEARCHLIGHT, 1000W

**INDEX**

SHEET NO.	SHEET CONTENT
1	SYMBOLS, NOTES AND DETAILS
2	HOLD LIGHTING AND RECEPTACLES
3	MAIN DECK RECEPTACLES
4	MAIN DECK LIGHTING
5	O1 DECK LIGHTING AND RECEPTACLES
6	BRIDGE DECK LIGHTING AND RECEPTACLES, PILOT HOUSE TOP LIGHTING

**REVISION HISTORY**

REV	ZONE	DESCRIPTION	DWN	DATE	APVD

**GENERAL NOTES**

- VESSEL TO BE CONSTRUCTED IN ACCORDANCE WITH 46 CFR SUBCHAPTER H REGULATIONS AND IEEE-45 (2002).
- UNLESS NOTED OTHERWISE, ALL CABLING IS DEFINED IN REFERENCE 2. CABLE TYPE SPECIFICATION IS SHOWN IN REFERENCE 2.
- LIGHT FIXTURES LABELED WITH AN 'E' ARE SUPPLIED BY THE EMERGENCY BUS. FIXTURES EQUIPPED WITH INTERNAL BACKUP BATTERIES SHALL BE CAPABLE OF POWERING THE FIXTURE FOR AT LEAST 30 MINUTES.
- LIGHT FIXTURES SHALL BE INSTALLED IN THE OVERHEAD SPACE OF THE DECK SHOWN.
- ALL LIGHT FIXTURES SHALL BE LED TYPE WITH THE EXCEPTION OF THE FOUR (4) SEARCHLIGHTS ON THE PILOT HOUSE TOP.
- LIGHT LOCATIONS ARE APPROXIMATE. THE CONTRACTOR SHALL COORDINATE FINAL LOCATION AND ORIENTATION TO PROVIDE OPTIMAL ILLUMINATION AND TO AVOID INTERFERENCES.

**REFERENCES**

- 16101-200-832-1 TECHNICAL SPECIFICATIONS
- 16101-200-330-1 AC AND DC ELECTRICAL ONE LINE DIAGRAM



**Elliott Bay Design Group**  
 North Carolina, PLLC

CLIENT: NORTH CAROLINA D.O.T.  
 RALEIGH, NORTH CAROLINA

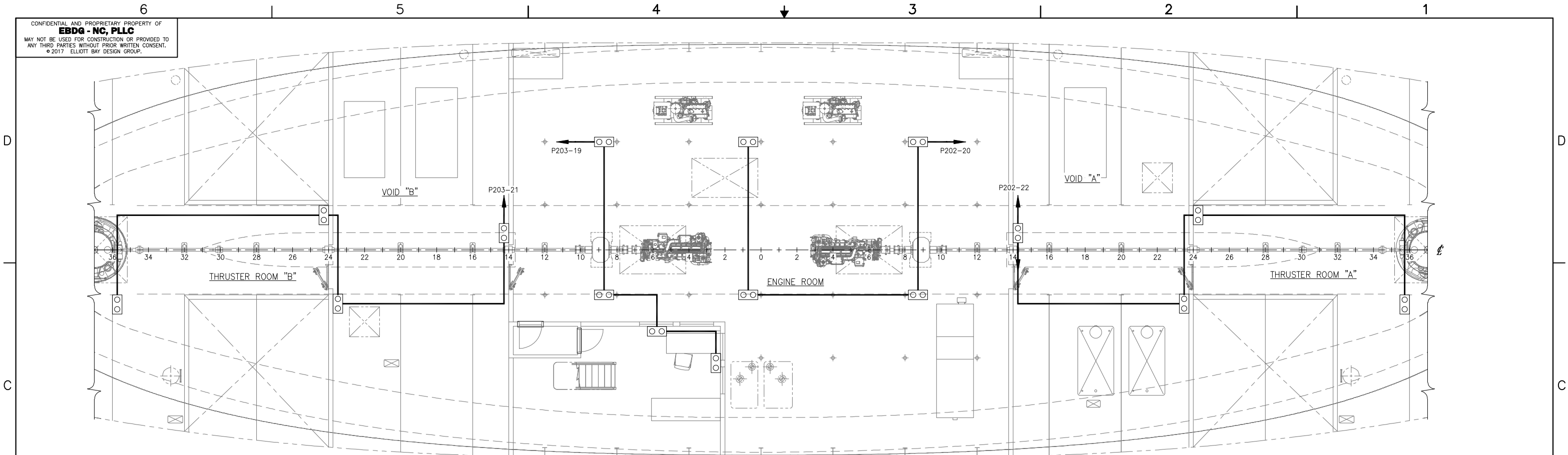
PROJECT: NEW RIVER CLASS FERRY



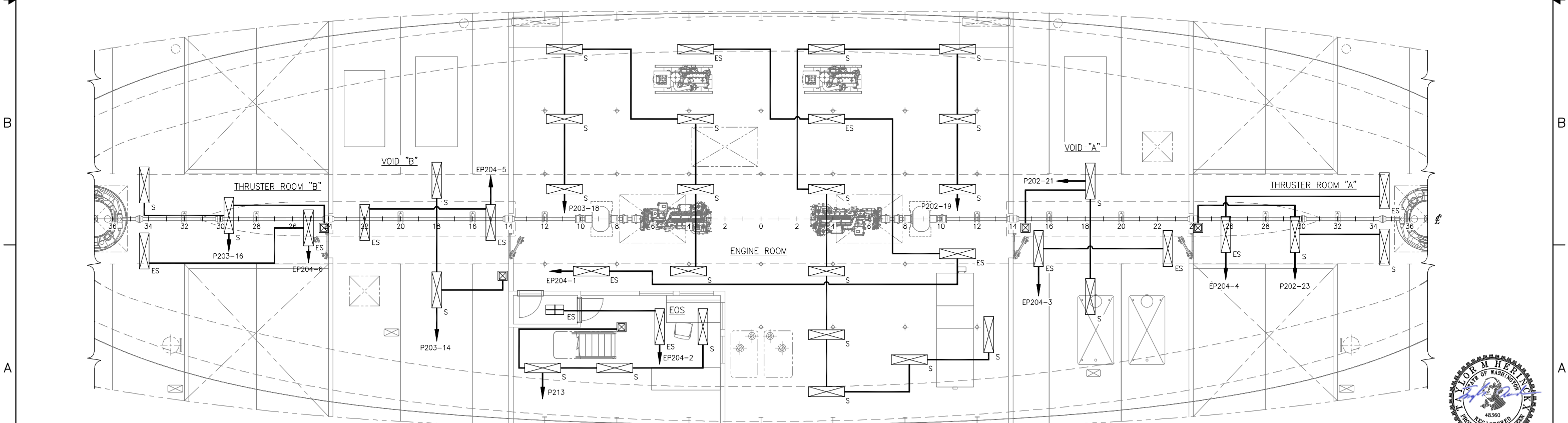
**POWER AND LIGHTING PLAN**

SIZE	D	DWG NO.	16101-200-330-1	REV	-
SCALE	NONE	FILE NAME	16101-200-330-1-	SHEET	1 OF 6
DWN	NJB	MOD	CKD TMH	APVD	TMH
				APVD DATE	07/24/17

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**PLAN 2-4C**  
 HOLD RECEPTACLES  
 SCALE: 3/16"=1'-0"



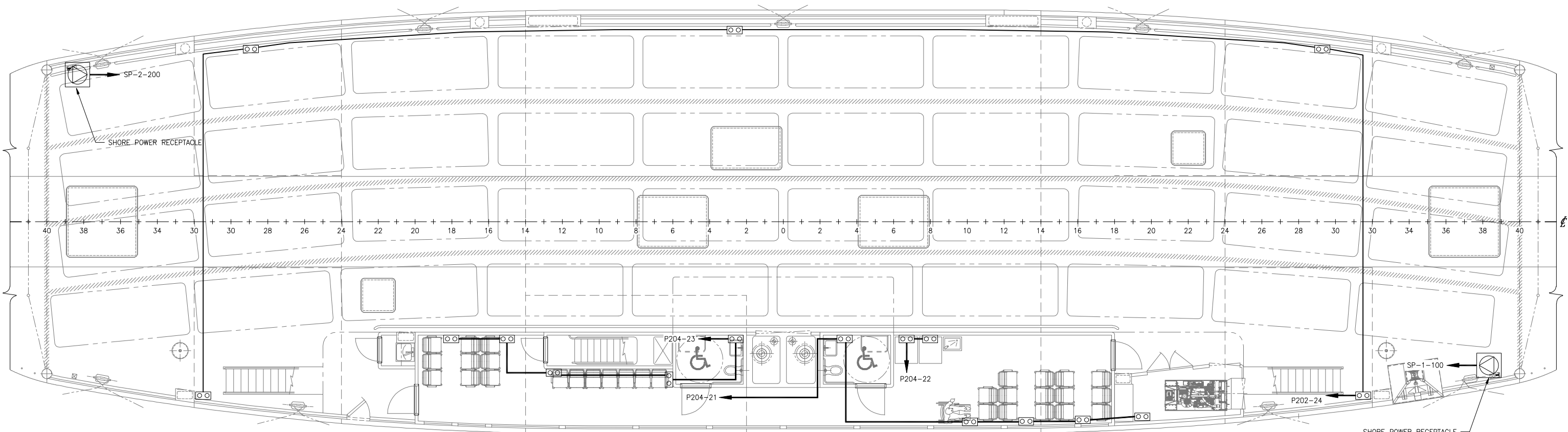
**PLAN 2-4A**  
 HOLD LIGHTING  
 SCALE: 3/16"=1'-0"



SIZE	D	OWG NO.	16101-200-330-1	REV	-
SCALE	AS NOTED	FILE NAME	16101-200-330-1-	SHEET	2 OF 6

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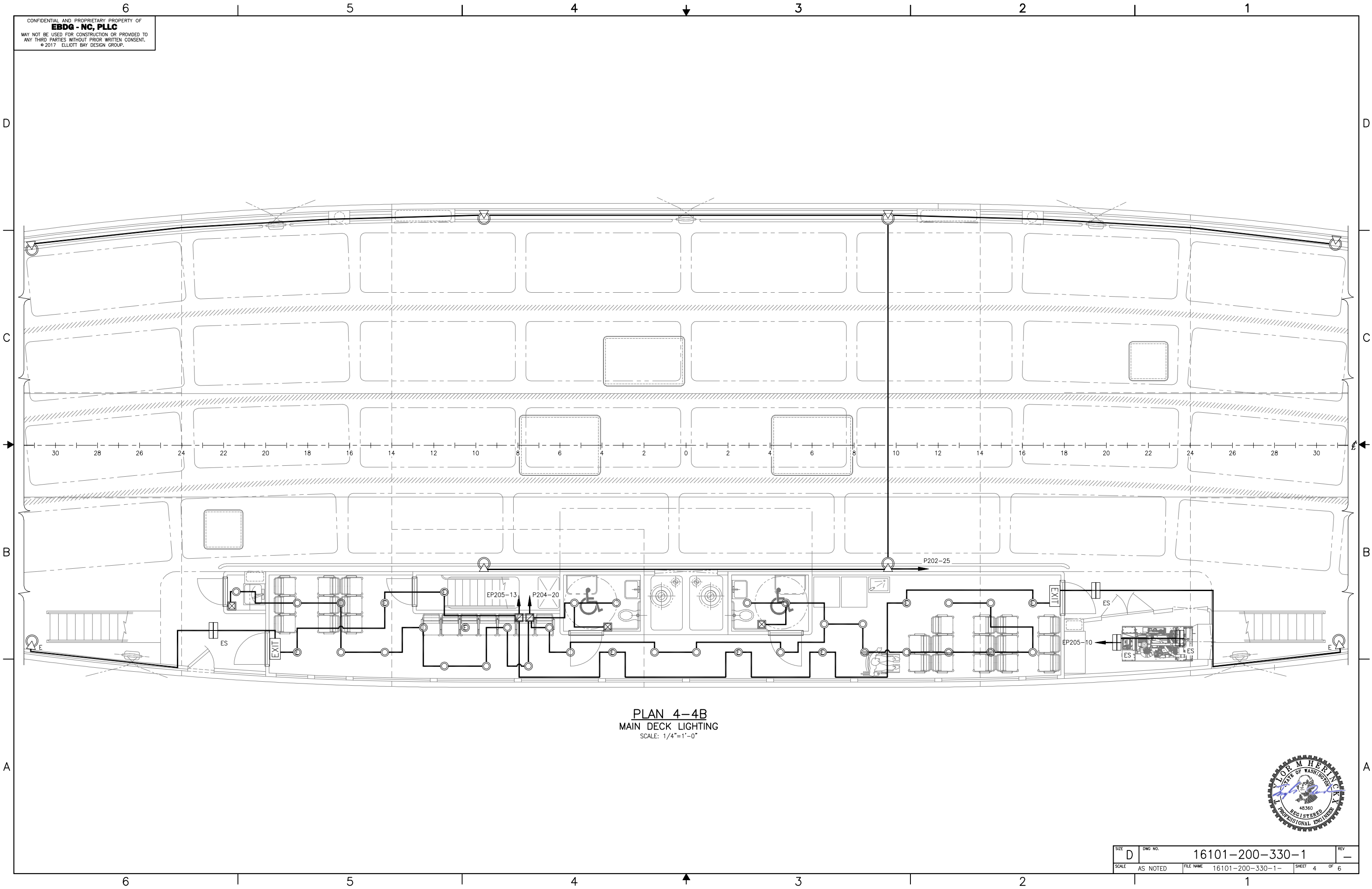
**PLAN 3-4B**  
 MAIN DECK RECEPTACLES  
 SCALE: 3/16"=1'-0"



SIZE	D	DWG NO.	16101-200-330-1	REV	-
SCALE	AS NOTED	FILE NAME	16101-200-330-1-	SHEET	3 OF 6

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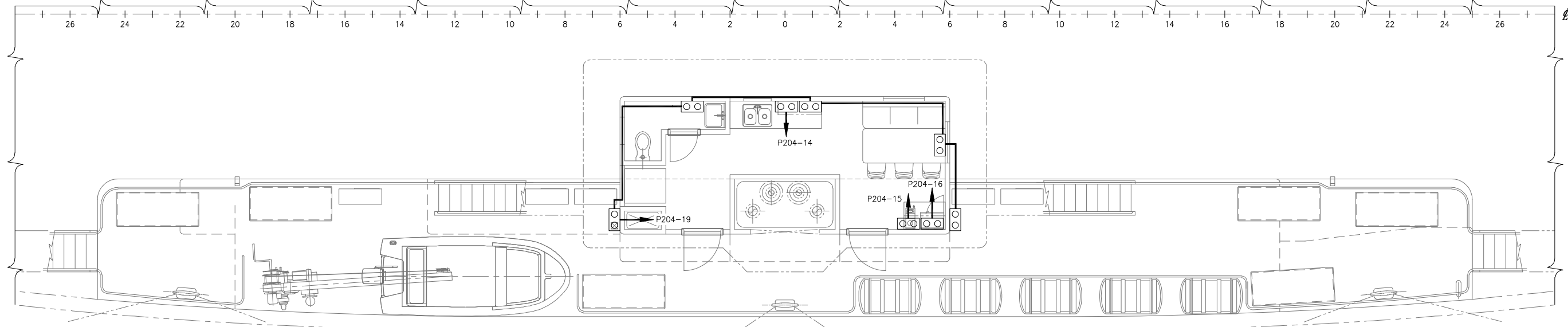
**PLAN 4-4B**  
**MAIN DECK LIGHTING**  
 SCALE: 1/4"=1'-0"



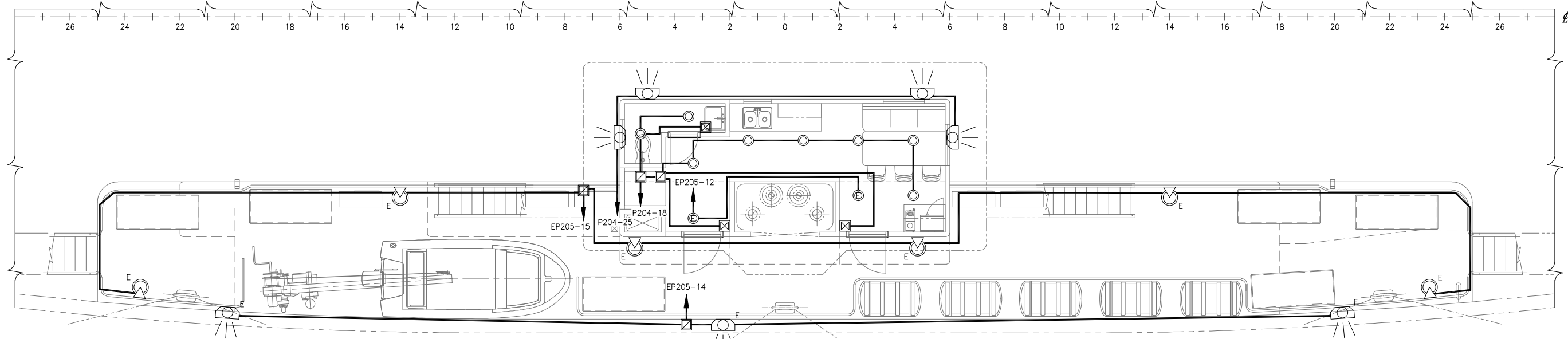
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**PLAN 5-3C**  
 01 DECK RECEPTACLES  
 SCALE: 1/4"=1'-0"



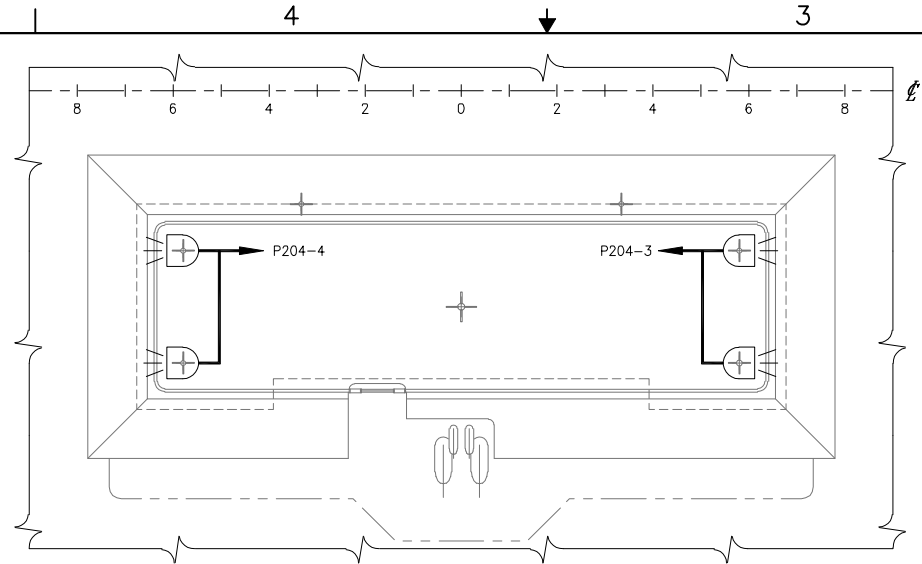
**PLAN 5-3A**  
 01 DECK LIGHTING  
 SCALE: 1/4"=1'-0"



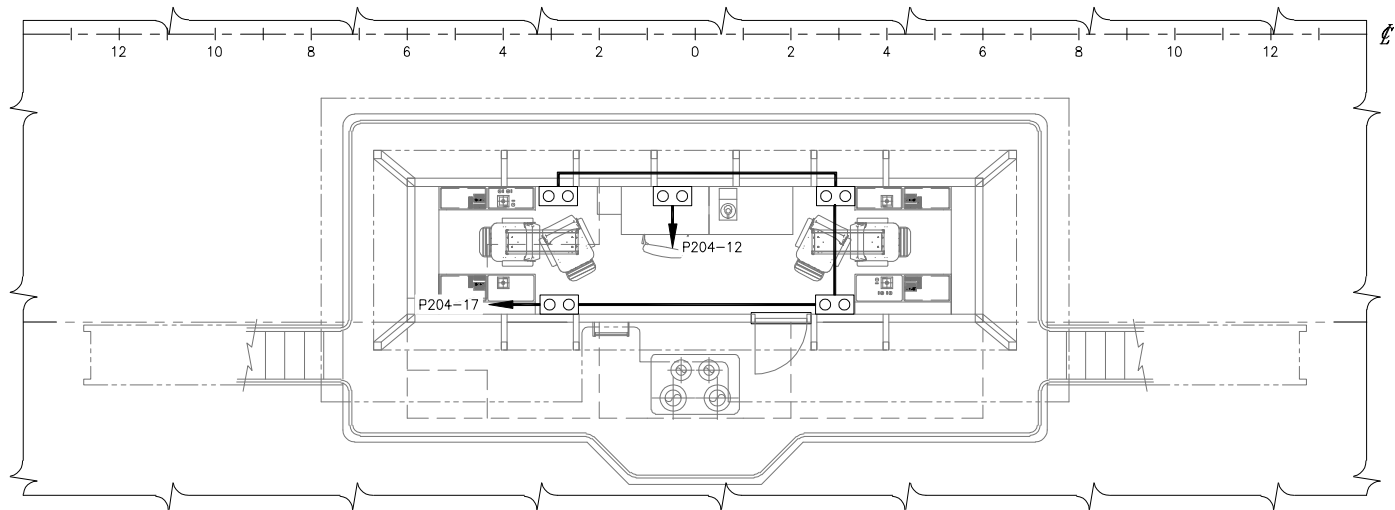
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SCALE	AS NOTED	FILE NAME	16101-200-330-1-	SHEET	5 OF 6

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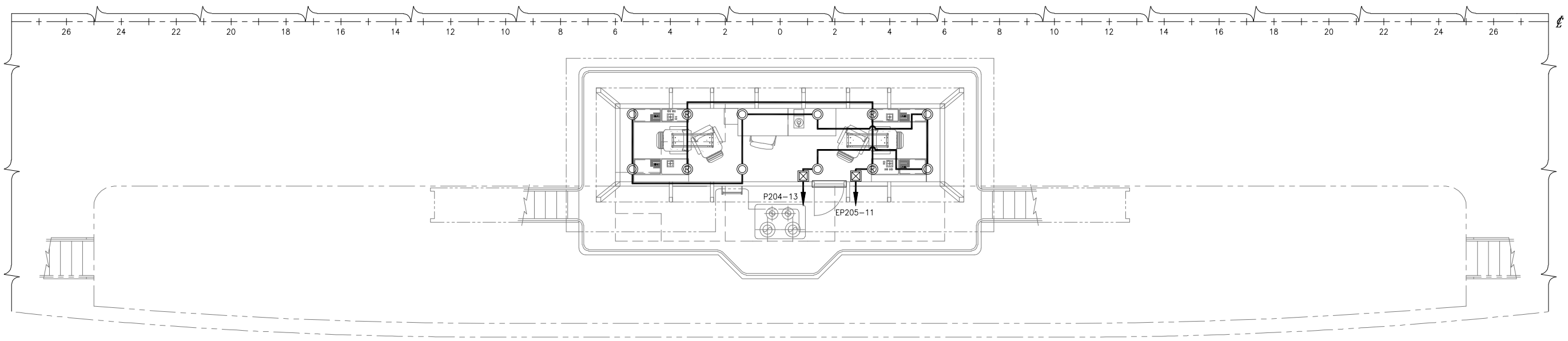
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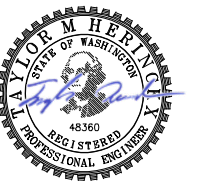
**PLAN 6-4D**  
 PILOT HOUSE TOP LIGHTING  
 SCALE: 1/4"=1'-0"



**PLAN 6-4B**  
 BRIDGE DECK RECEPTACLES  
 SCALE: 1/4"=1'-0"



**PLAN 6-4A**  
 BRIDGE DECK LIGHTING  
 SCALE: 1/4"=1'-0"



SIZE	D	DWG NO.	16101-200-330-1	REV	-
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