



COMMUNITY PROJECT HIGHLIGHT
FEBRUARY 13, 2025
TRANSPORTATION SYMPOSIUM
SOUTHEAST CONFERENCE
ELIZABETH PERATROVICH HALL,
JUNEAU, AK

YAKUTAT SMALL BOAT HARBOR REPLACEMENT



Introductions



CINDY BREMNER, MAYOR

JON ERICKSON, BOROUGH MANAGER

KELLY LESEMAN, PROJECT MANAGER

ANN HOLCOMB, HARBORMASTER



CHIP COURTRIGHT, PE, SE, PRINCIPAL IN CHARGE

BRANDON IVANOWICZ, PROJECT MANAGER



BENJAMIN HAIGHT, PE, ELECTRICAL ENGINEER



YAKUTAT BOAT HARBOR OWNERSHIP

- The Yakutat Boat Harbor is approximately 60 years old and previously was previously owned by the State of Alaska DOT P&F.
- In the early 90s, the City & Borough of Yakutat agreed to manage the State of Alaska DOT & PF-owned Boat Harbor in Yakutat.
- **The City & Borough of Yakutat received ownership of the Yakutat Boat Harbor about 25 years ago.**
- 10 years ago, the City & Borough of Yakutat set the goal to upgrade and expand the Boat Harbor.



PROJECT MILESTONES

- June 2020: R&M Consultants, Inc. Harbor Inspection Report estimated cost of replacement of the floats A through E, \$7,374,447
- July 2021: McKinley Research Group, LLC prepared an Economic Benefits Analysis for the reconstruction of the Yakutat Boat Harbor.
- July 2022: City & Borough of Yakutat (CBY) awarded State Harbor Matching Grant (50% of the replacement cost) for \$3,667,302
- Sept. – Nov. 2022: CBY selected PND & subconsultant RESPEC as most qualified design team.



PROJECT MILESTONES CONT'D

- November 2022: PND performed site topographic & bathymetry survey
- February 9, 2023: Public meeting held in Yakutat – Concept 3 unanimously selected as preferred alternative.
- May 8, 2023: PND submitted 35% Design Review Documents to Yakutat.
- July 20, 2023: CBY awarded Denali Commission Grant
- November 3, 2023: CBY awarded MARAD PIDP Grant
- December 21, 2023: 35% Design Review Meeting held in Yakutat
- July 2024: 65% Design Review Meeting via Teams for Yakutat feedback

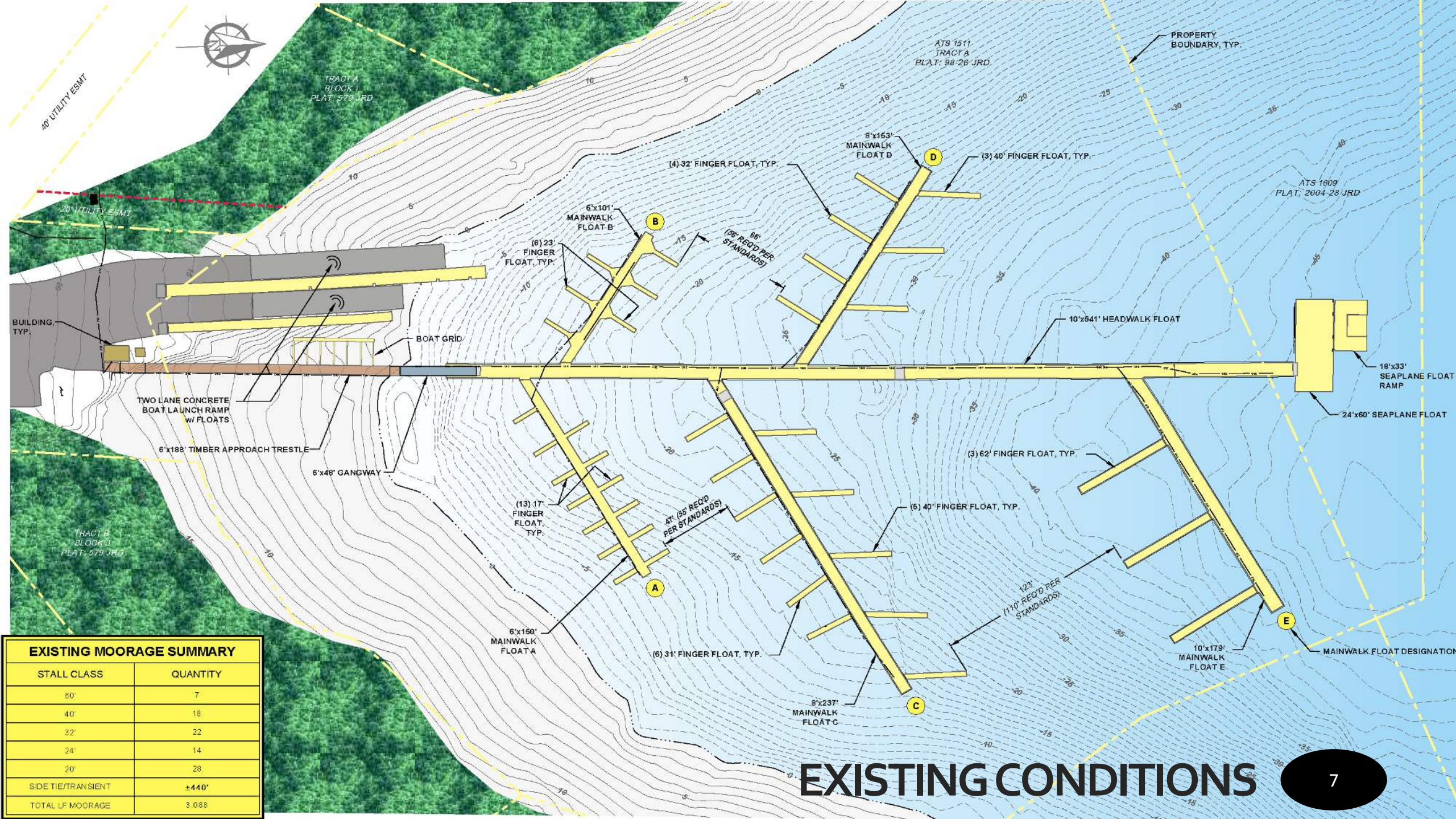
WE ARE CURRENTLY AT THIS POINT

AND WORKING DILIGENTLY TO SECURE THE FINAL FUNDING SHORTFALL OF \$4 MILLION



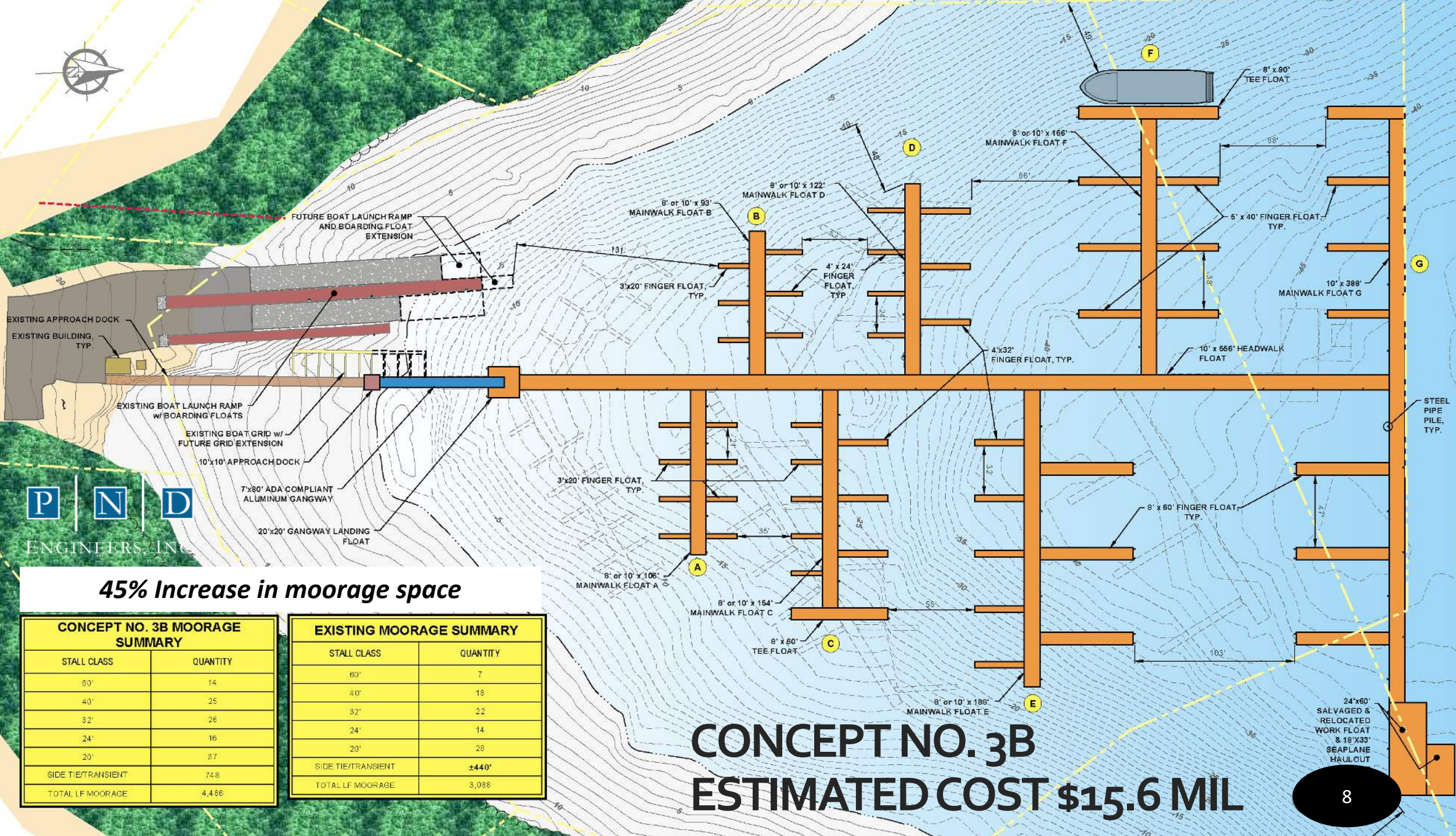
PROJECT NEXT STEPS

- Winter/Spring 2025: Receive Permits, 95-100% Design
Design completion pending MARAD funding, contingent on receipt of permits.
- June 2025: Advertise Project Bid
- August 2025: Award Bid
- August 2025 – January 2026: Procurement of materials
- January 2026 – June 2026: Onsite Construction in-progress
- July 2026: Target completion for the Yakutat Boat Harbor Replacement



EXISTING MOORAGE SUMMARY

STALL CLASS	QUANTITY
60'	7
40'	18
32'	22
24'	14
20'	28
SIDE TIE/TRANSIENT	±440'
TOTAL LF MOORAGE	3,088



ENGINEERS, INC.

45% Increase in moorage space

CONCEPT NO. 3B MOORAGE SUMMARY	
STALL CLASS	QUANTITY
80'	14
40'	25
32'	26
24'	16
20'	27
SIDE TIE/TRANSIENT	748
TOTAL LF MOORAGE	4,486

EXISTING MOORAGE SUMMARY	
STALL CLASS	QUANTITY
60'	7
40'	18
32'	22
24'	14
20'	26
SIDE TIE/TRANSIENT	±440'
TOTAL LF MOORAGE	3,088

CONCEPT NO. 3B
ESTIMATED COST \$15.6 MIL

GANGWAY & APPROACH DOCK SEGMENT



Covered Aluminum Gangway
and Timber Approach Dock



Covered Aluminum
Gangway



Gangway Lighting

TIMBER POLYTUB FLOAT DESIGN



Steel anchor piles and
mainwalks



Float hinge connection
shear block



Stall float



Float framing

FLOAT UTILITIES – WATER, FIRE & ELECTRICAL



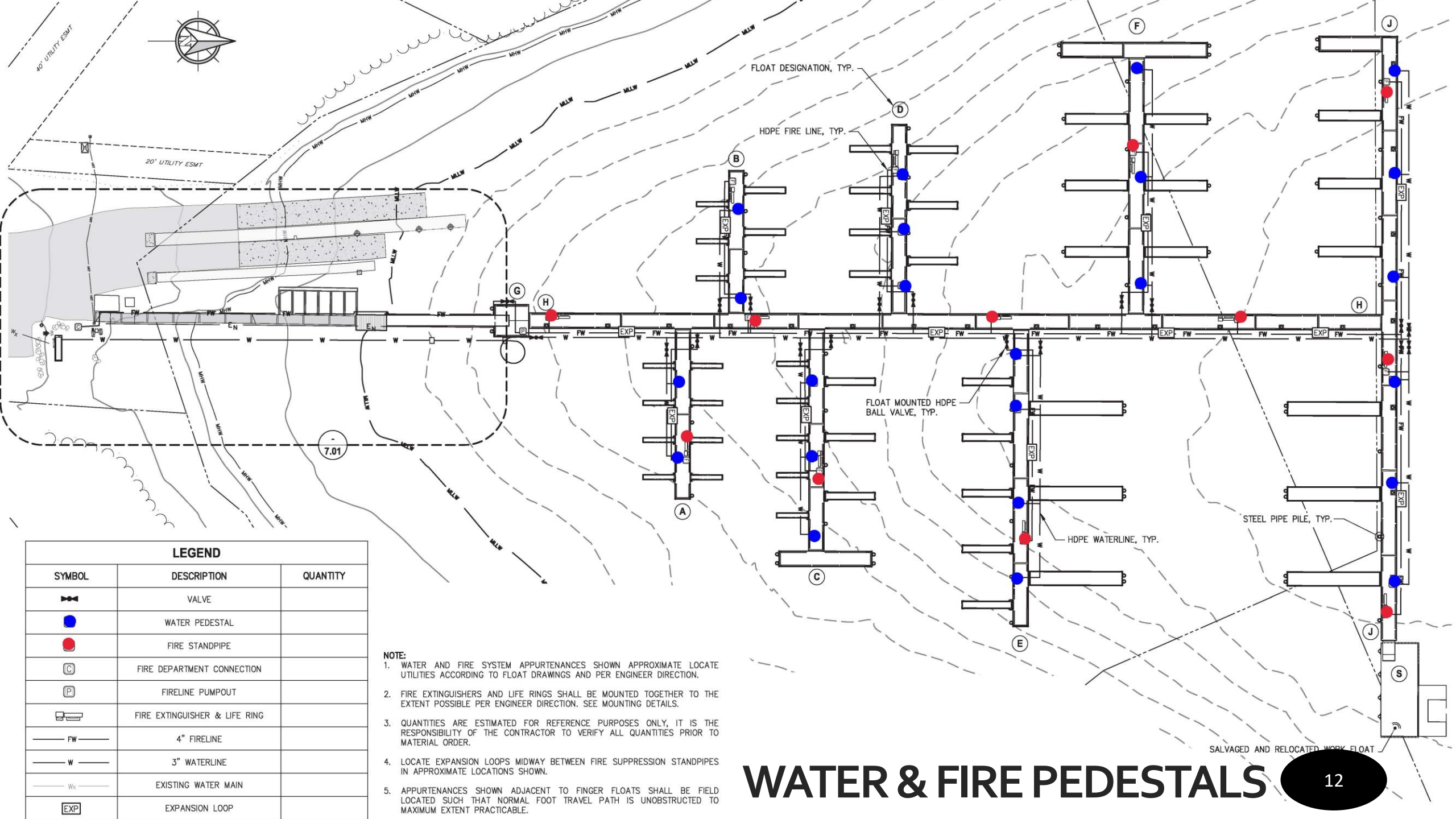
Freeze Protected Water &
Fire Suppression Pedestal



Float Lighting



Combined Lighting &
Electrical Pedestal

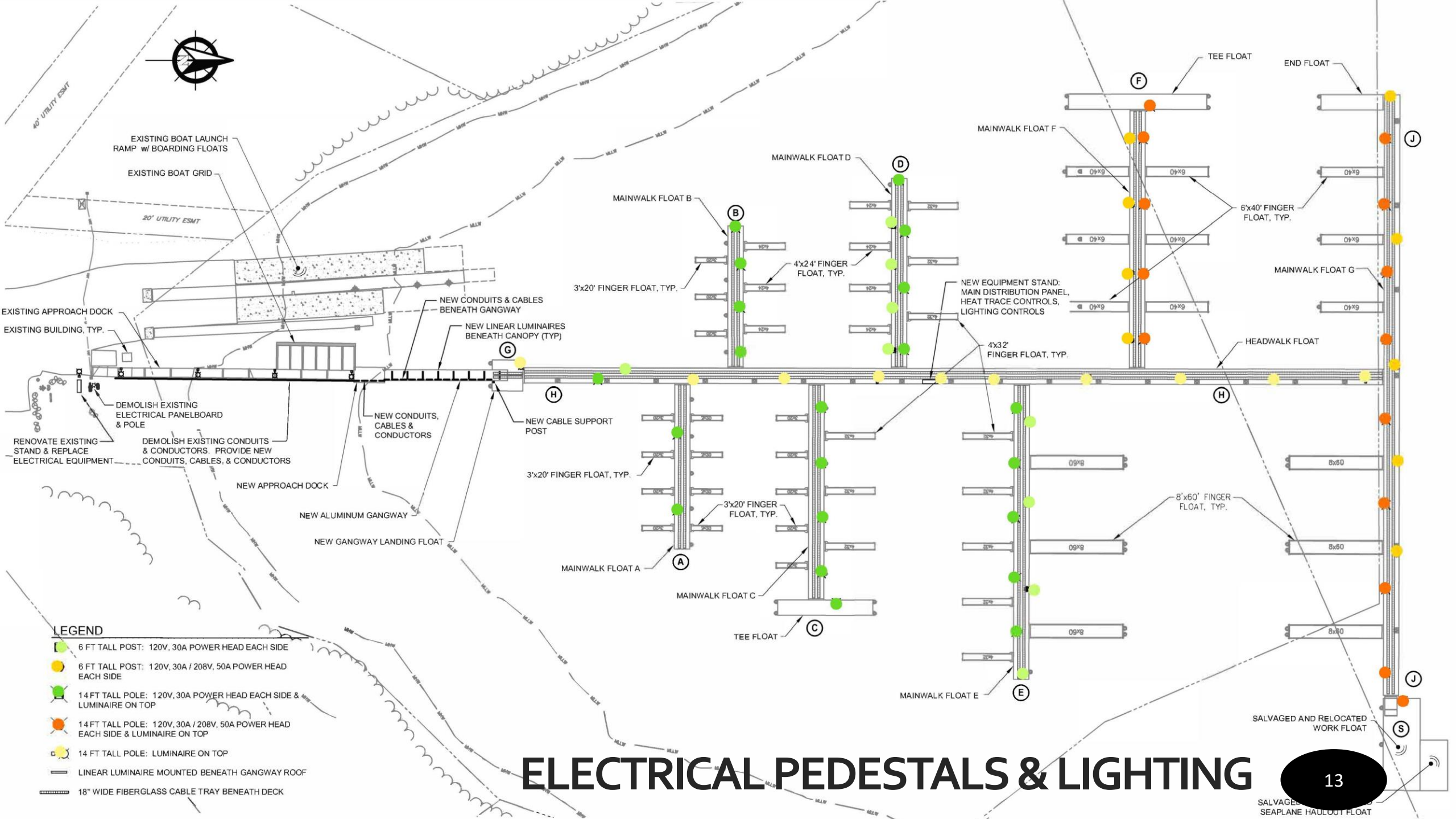


LEGEND

SYMBOL	DESCRIPTION	QUANTITY
	VALVE	
	WATER PEDESTAL	
	FIRE STANDPIPE	
	FIRE DEPARTMENT CONNECTION	
	FIRELINE PUMPOUT	
	FIRE EXTINGUISHER & LIFE RING	
	4" FIRELINE	
	3" WATERLINE	
	EXISTING WATER MAIN	
	EXPANSION LOOP	

- NOTE:
1. WATER AND FIRE SYSTEM APPURTENANCES SHOWN APPROXIMATE LOCATE UTILITIES ACCORDING TO FLOAT DRAWINGS AND PER ENGINEER DIRECTION.
 2. FIRE EXTINGUISHERS AND LIFE RINGS SHALL BE MOUNTED TOGETHER TO THE EXTENT POSSIBLE PER ENGINEER DIRECTION. SEE MOUNTING DETAILS.
 3. QUANTITIES ARE ESTIMATED FOR REFERENCE PURPOSES ONLY, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL QUANTITIES PRIOR TO MATERIAL ORDER.
 4. LOCATE EXPANSION LOOPS MIDWAY BETWEEN FIRE SUPPRESSION STANDPIPES IN APPROXIMATE LOCATIONS SHOWN.
 5. APPURTENANCES SHOWN ADJACENT TO FINGER FLOATS SHALL BE FIELD LOCATED SUCH THAT NORMAL FOOT TRAVEL PATH IS UNOBSTRUCTED TO MAXIMUM EXTENT PRACTICABLE.

WATER & FIRE PEDESTALS



LEGEND

- 6 FT TALL POST: 120V, 30A POWER HEAD EACH SIDE
- 6 FT TALL POST: 120V, 30A / 208V, 50A POWER HEAD EACH SIDE
- 14 FT TALL POLE: 120V, 30A POWER HEAD EACH SIDE & LUMINAIRE ON TOP
- 14 FT TALL POLE: 120V, 30A / 208V, 50A POWER HEAD EACH SIDE & LUMINAIRE ON TOP
- 14 FT TALL POLE: LUMINAIRE ON TOP
- LINEAR LUMINAIRE MOUNTED BENEATH GANGWAY ROOF
- 18" WIDE FIBERGLASS CABLE TRAY BENEATH DECK

ELECTRICAL PEDESTALS & LIGHTING

PROJECT BUDGET

65% ENGINEERS ESTIMATE - \$17,152,371

SECURED FUNDING SOURCES

- STATE OF AK HARBOR MATCHING GRANT - \$ 3,667,302
- MARAD PIDP GRANT - \$8,963,522
- DENALI COMMISSION GRANT - \$750,000
- TOTAL AVAILABLE FUNDS: **\$13,380,824**

Benefit of the Boat Harbor Replacement Project

ECONOMIC GROWTH AND SUSTAINABILITY



SAFETY

New infrastructure with safety features like covered gangway, and fire equipment.



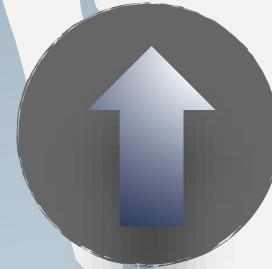
USAGE FEES

Moorage and service fee growth



FISH TAX

Commercial Fishing Fleet growth



TOURISM

Charter and Tour growth



NEW BUSINESS

Marine-based support business growth



THANKYOU!

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