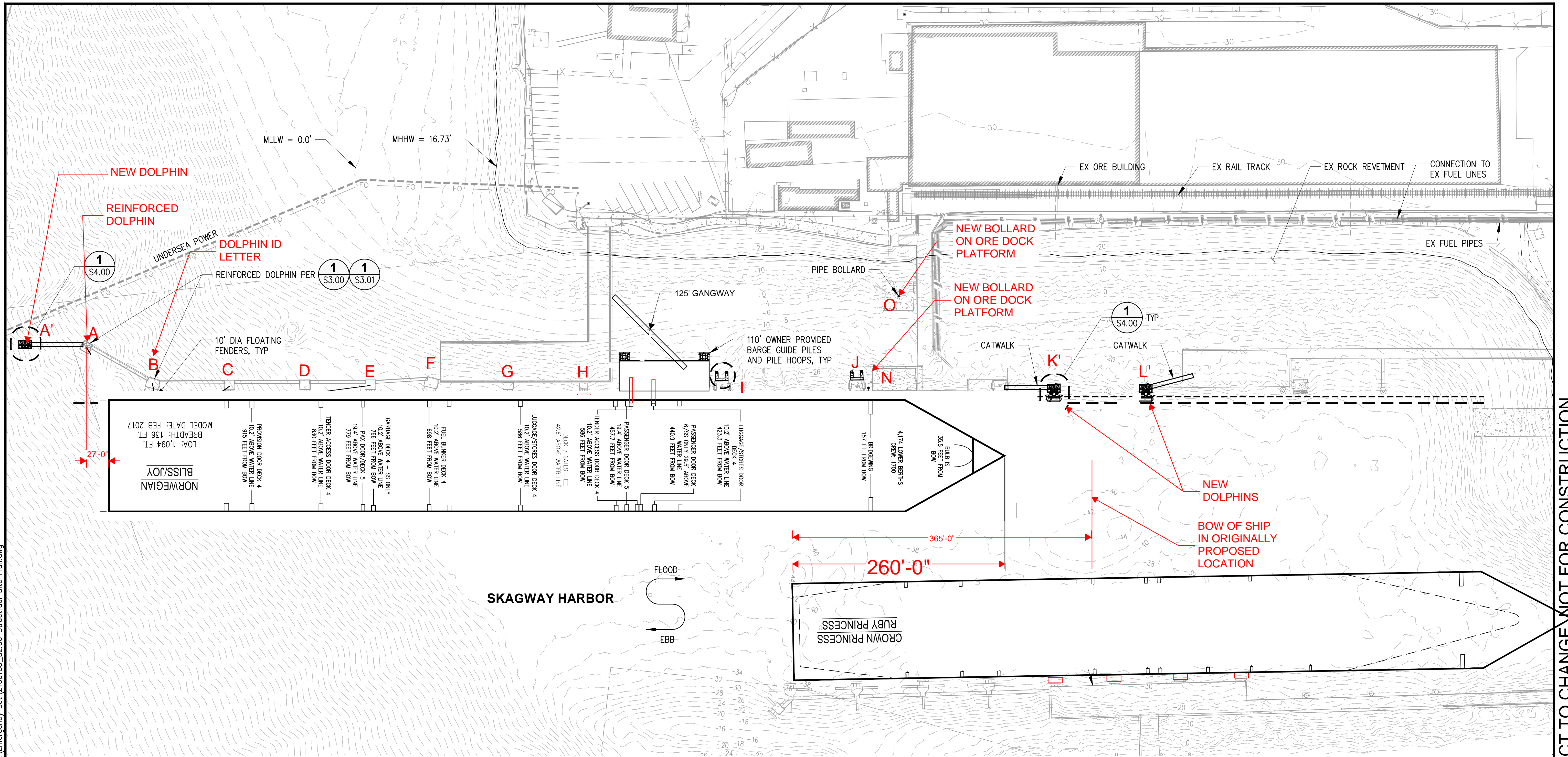
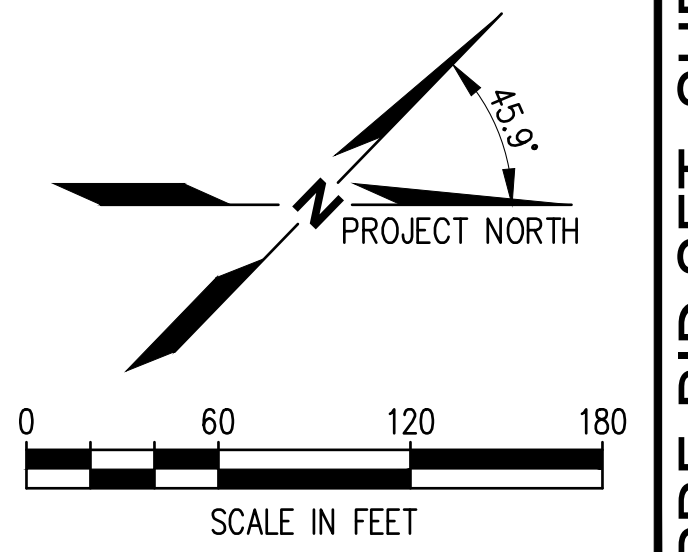


Plotted: Oct 13, 2022 - 11:55am dyu Layout: S2.00
M:\2021\2100135 Skagway Ore Peninsula Multi-use Dock\Drawings\Current\Emergency Set\2100135_S2.00 Structural Site Plan.dwg



1 STRUCTURAL SITE PLAN
SCALE: 1" = 60'

2023 MOORING PLAN OPTION 1 W/ 2 DOORS ON FLOAT



1601 5th Avenue, Suite 1300
Seattle, Washington 98101
(206) 382-0600 Fax (206) 382-0500

NO.	DATE	BY	REVISION

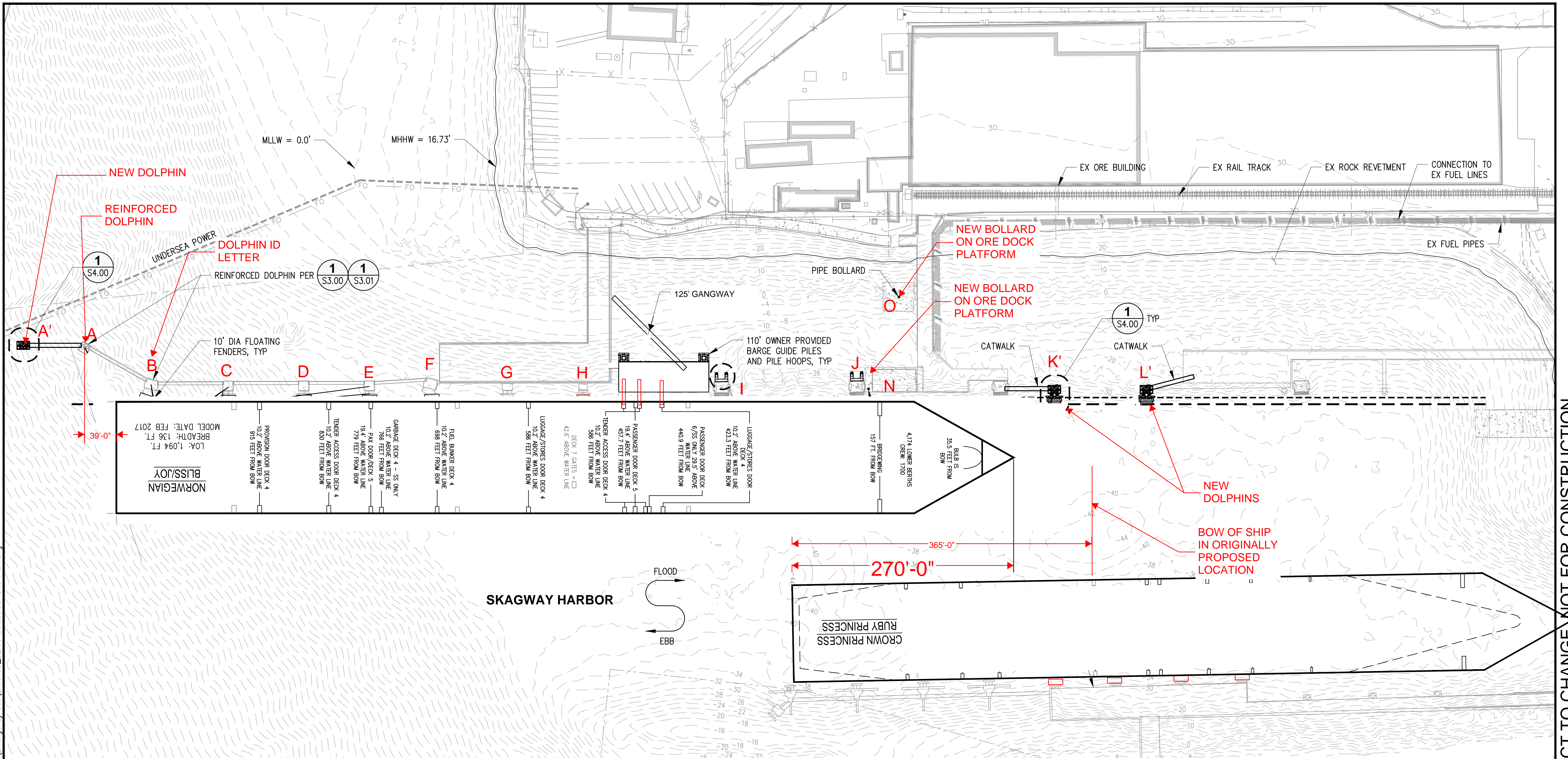


ORE PENINSULA REDEVELOPMENT
SKAGWAY, ALASKA
**PHASE 0 - MOORING
STRUCTURAL PLAN**

DRAWN: DYU	PROJECT NO.: 2100135
DESIGN: ED	SCALE: AS SHOWN
CHECKED: RHR	DATE: 10/24/2022
DRAWING NO.	S2.00
SHEET NO.	21 OF XX

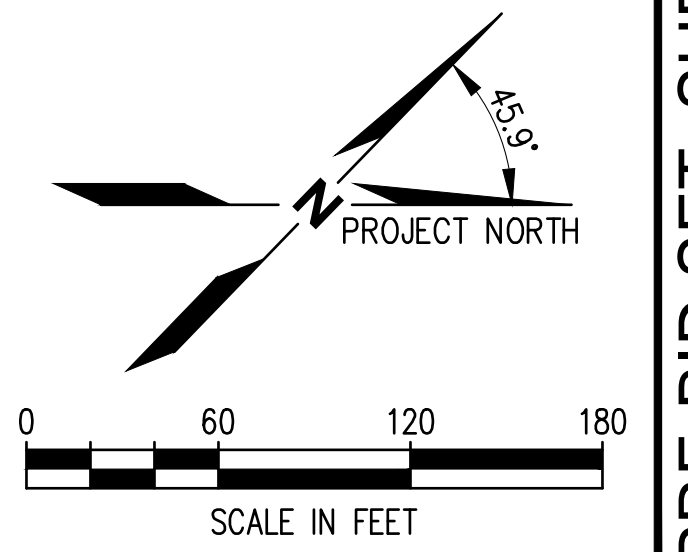
ADVANCED PRE-BID SET, SUBJECT TO CHANGE, NOT FOR CONSTRUCTION

Plotted: Oct 13, 2022 - 11:55am dyu Layout: S2.00
 M:\2021\2100135_Skagway Ore Peninsula Multi-use Dock\Drawings\Current\Emergency Set\2100135_S2.00_Structural_Site_Plan.dwg



1 STRUCTURAL SITE PLAN
 SCALE: 1" = 60'

2023 MOORING PLAN OPTION 2 W/ 3 DOORS ON FLOAT



1601 5th Avenue, Suite 1300
 Seattle, Washington 98101
 (206) 382-0600 Fax (206) 382-0500

NO.	DATE	BY	REVISION



ORE PENINSULA REDEVELOPMENT
 SKAGWAY, ALASKA
PHASE 0 - MOORING
STRUCTURAL PLAN

DRAWN: DYU	PROJECT NO.: 2100135
DESIGN: ED	SCALE: AS SHOWN
CHECKED: RHR	DATE: 10/24/2022
DRAWING NO.	S2.00
SHEET NO.	21 OF XX

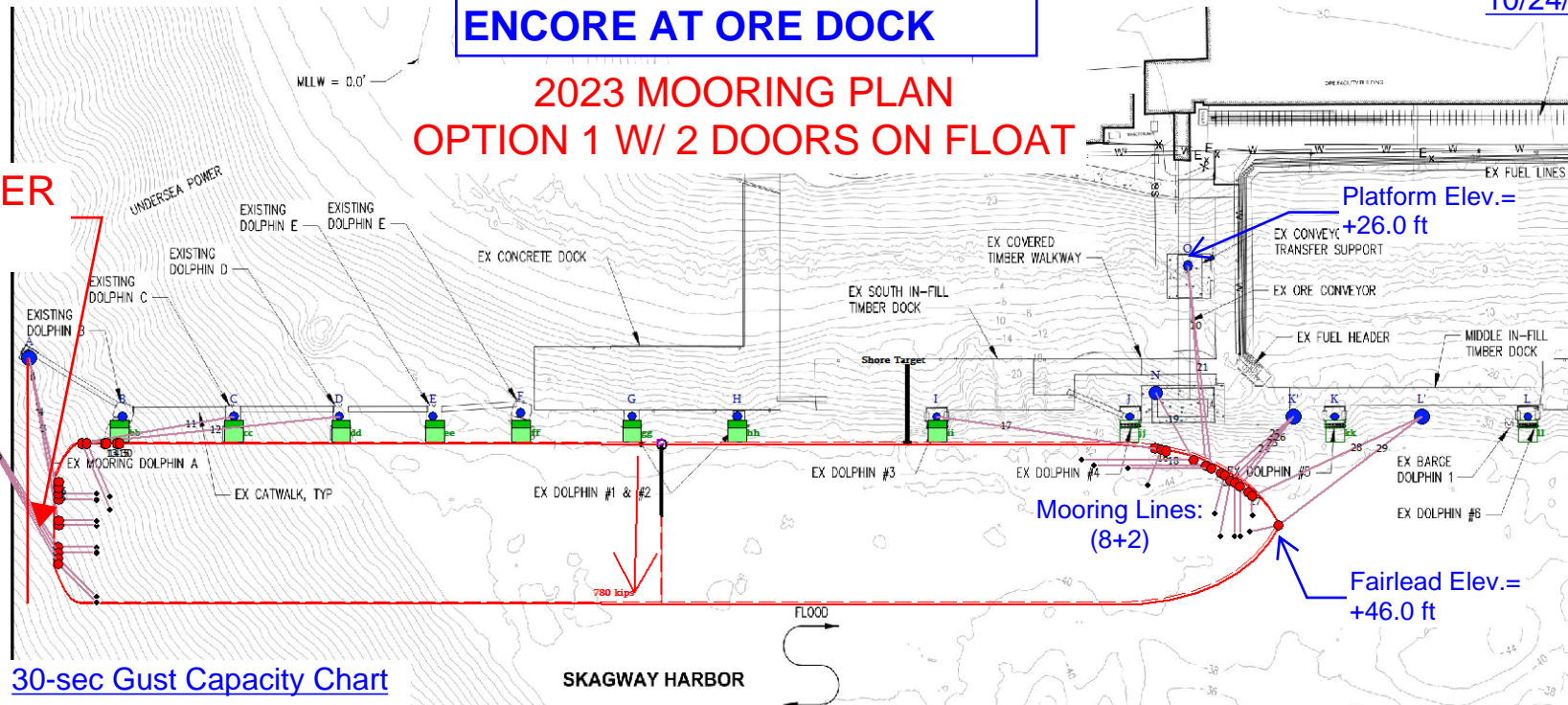
ADVANCED PRE-BID SET, SUBJECT TO CHANGE, NOT FOR CONSTRUCTION

MOORING PLAN FOR NCL ENCORE AT ORE DOCK

10/24/2022

2023 MOORING PLAN OPTION 1 W/ 2 DOORS ON FLOAT

27' TO CENTER
LINE OF A



Mooring Lines:
(8+2)

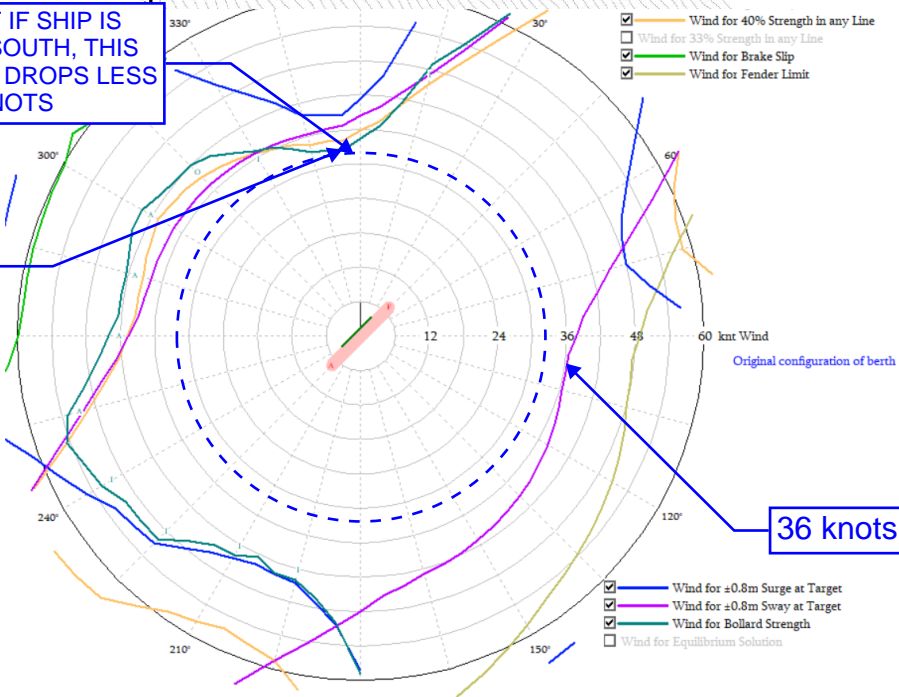
Mooring Lines:
(8+2)

30-sec Gust Capacity Chart

SKAGWAY HARBOR

Dolphin & Bollard Capacity

NOTE THAT IF SHIP IS
FURTHER SOUTH, THIS
DIRECTION DROPS LESS
THAN 30 KNOTS



DOLPHIN	BOLLARD ALLOWABLE CAPACITY	BOLLARD ULTIMATE CAPACITY *
A	200 ton	600 ton
B	75 ton	225 ton
C	65 ton	195 ton
D	65 ton	195 ton
E	65 ton	195 ton
F	65 ton	195 ton
G	Not Used	Not Used
H	Not Used	Not Used
I	Not Used	Not Used
J	Not Used	Not Used
K	Not Used	Not Used
L	Not Used	Not Used
M	Not Used	Not Used
N	150 ton	450 ton
O	83 ton	249 ton
K'	200 ton	600 ton
L'	200 ton	600 ton
A'	200 ton	600 ton

* Bollards hardware and attachments are designed with a minimum factor of safety against failure of 3.0

** Structural design of the dolphins include the allowable capacity of bollards and a 1.6 load factor

Dolphins A, A', K' and L' all to have (2) bollards each with bollard ultimate capacity of 300 tons