WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

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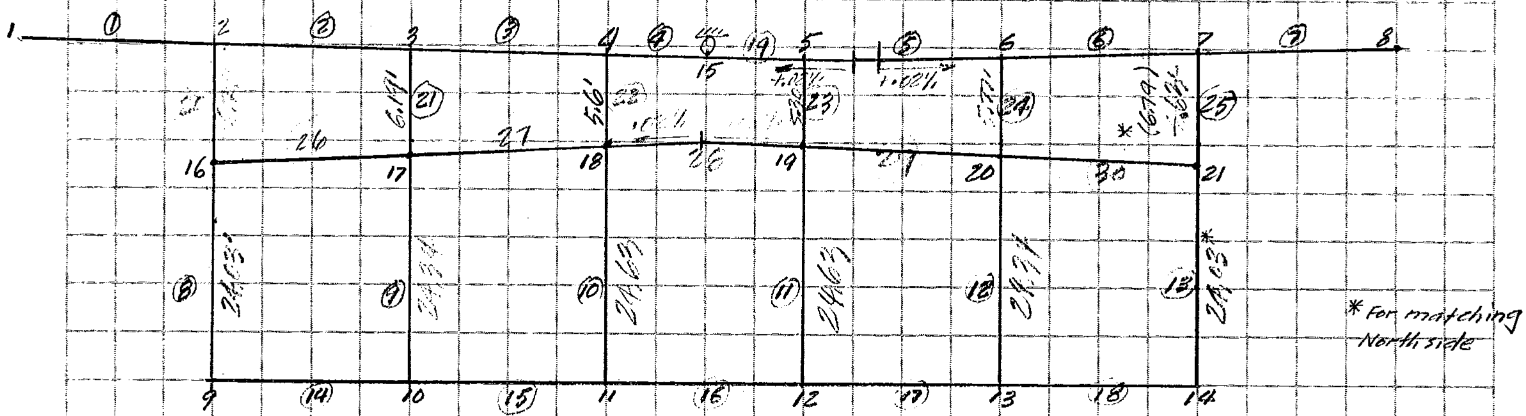
pontoon D "Double decker" section btwn Walls 10 & 11

@ C^L Line double decker h = 5.6 Ft. (assuming Joint 4 → 18)



$H_{4 \to 18} = 5.6^{Ft.}$

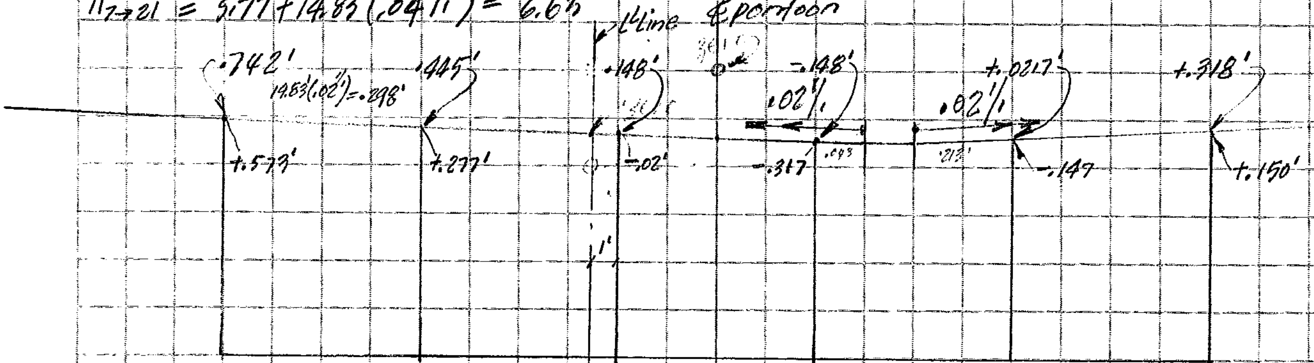
$H_{3 \to 17} = 5.6' + 14.83(.04\%) = 6.19^{Ft}$

$H_{2 \to 16} = 5.6 + 2[14.83(.04)] = 6.79^{Ft.}$

$H_{5 \to 19} = 5.6 - 14.83(.02) = 5.30^{Ft}$

$H_{6 \to 20} = 5.3033 - 2.167'(.02\%) + 10.667(.02\%) + 14.83(.02\%) = 5.77$

$H_{7 \to 21} = 5.77 + 14.83(.04\%) = 6.63$



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DOT FORM 232-007A REVISED 9/81 -615-

WASHINGTON STATE DEPARTMENT OF TRANSPORTATION

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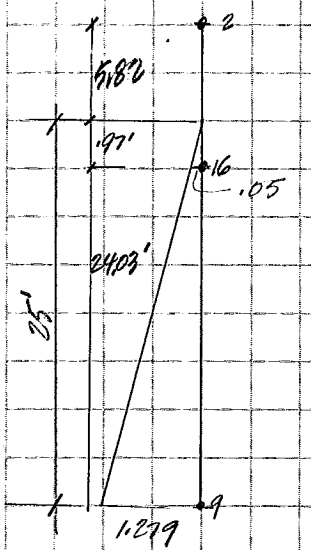
Loading 23 Hydrostatic pressure 17.42 Ft of Draft.

$$LA = 1 - \frac{17.42 - \frac{5''}{12}}{24.03'} = .2924 \doteq .29$$

Loading 24. Wave Force + Hydrostatic pressure



$$17.42 - \frac{5''}{12} + 8^{\text{Wave}} = 25'$$

$$\frac{6.79 - .97}{6.79} = .8571 \doteq .86$$

$$.97\left(\frac{1.279}{25}\right) = .0496 \doteq .05^{K/1}$$

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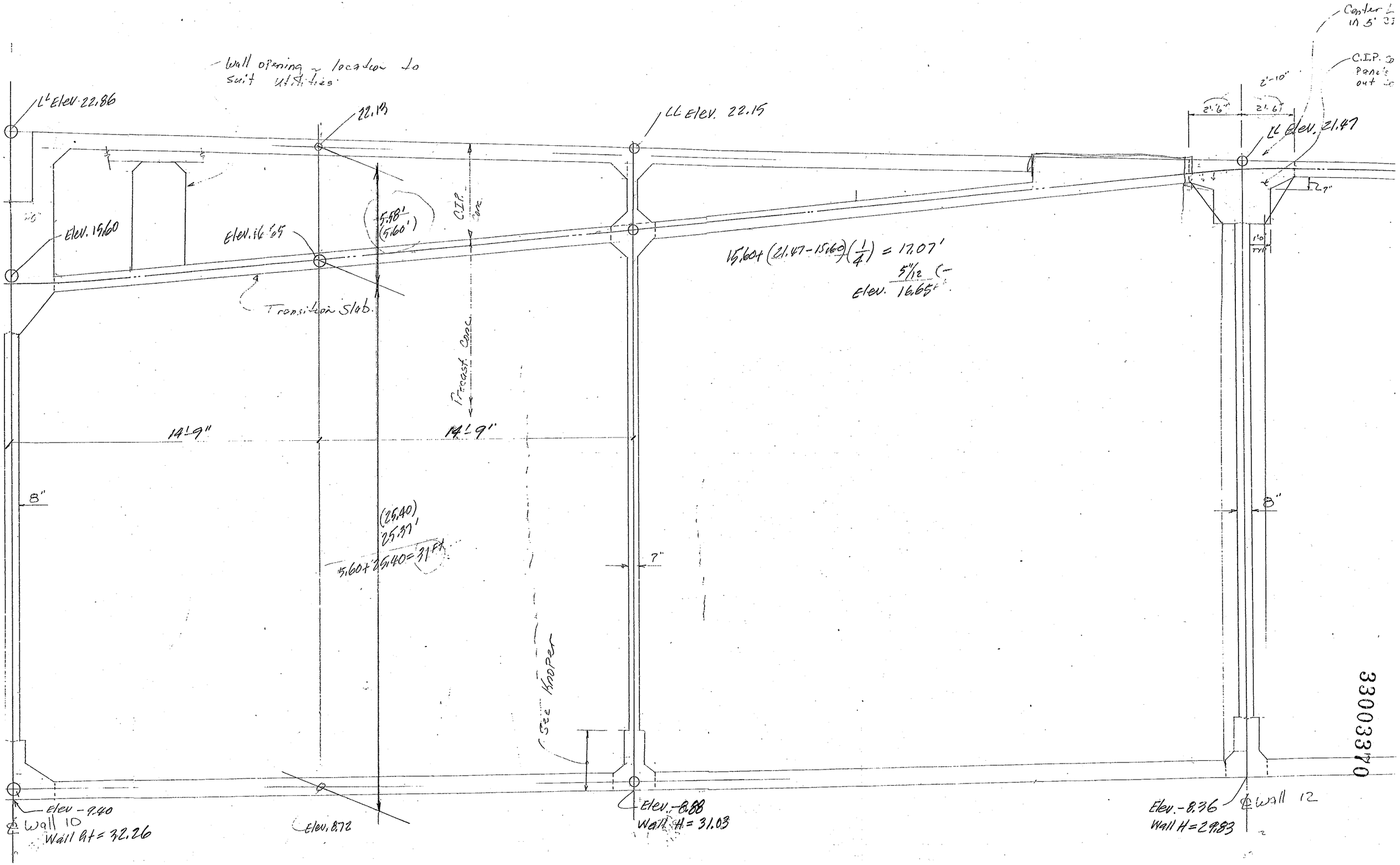

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