STATE OF DELAWARE

DEPARTMENT OF TRANSPORTATION

MAINTENANCE SUPPORT – SOUTH DISTRICT

PLANS AND SPECIFICATIONS FOR:

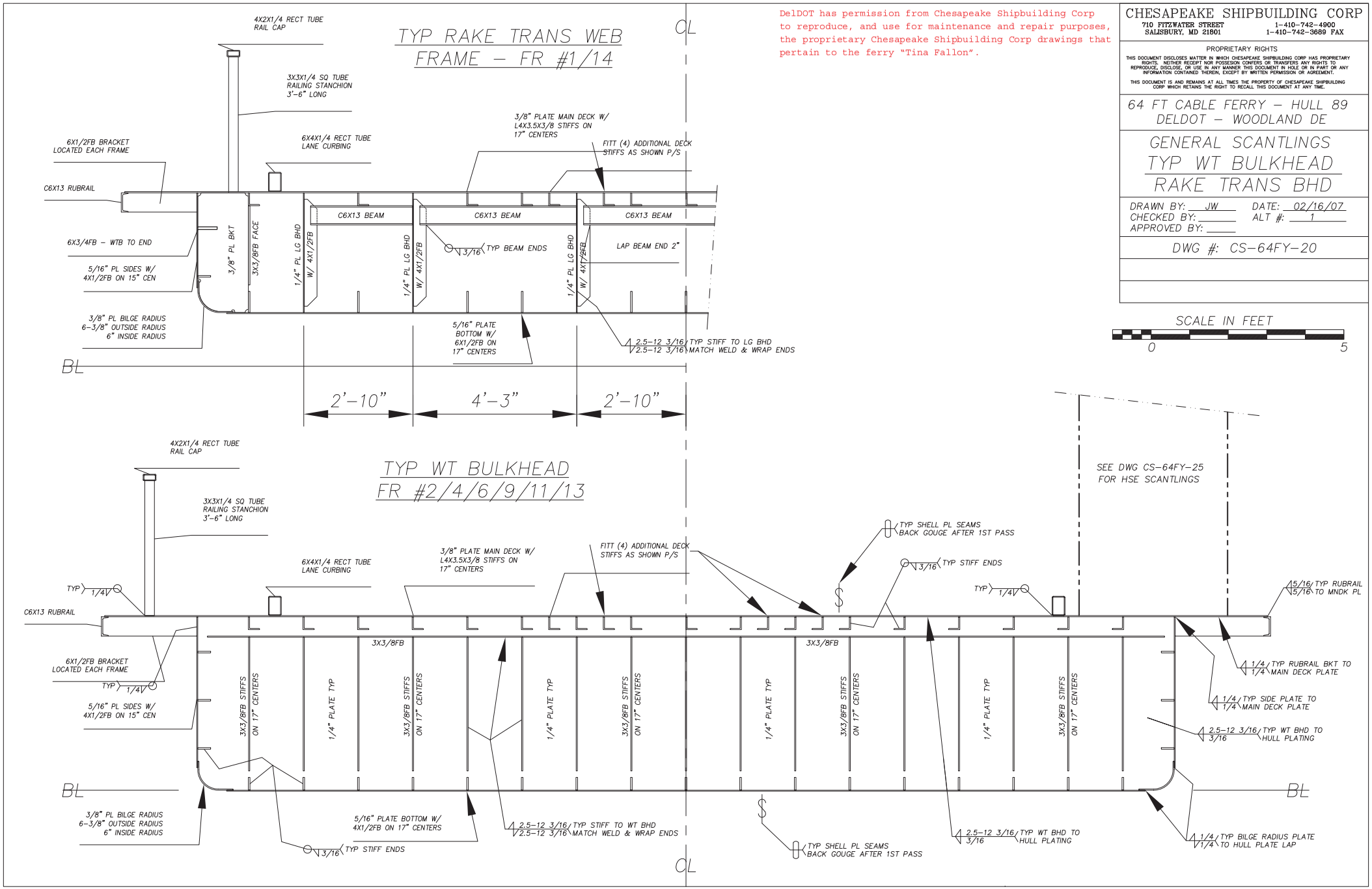
CONTRACT NO: **T201480201** **P3E: 13-67001**

CONTRACT TITLE: **WOODLAND FERRY REPAIRS, SOUTH, 2014**

PLANS PREPARED BY: **GRANT PARKER (DESIGN TECHNICIAN)**

PLANS REVIEWED BY: Jim Wyatt **DATE:** 7/08/13
MAINT.SUPPORT SUPERVISOR

DATE RECOMMENDED: 07.08.13 ASSISTANT MAINT. ENGINEER: Jason McCluskey	JASON K. MCCLUSKEY LICENSED No. 16272 DELAWARE PROFESSIONAL ENGINEER
DATE RECOMMENDED: 7-8-13 MAINTENANCE ENGINEER:	ALASTAIR PROBERT REGISTERED No. 13700 DELAWARE PROFESSIONAL ENGINEER
DATE RECOMMENDED: 7/8/13 SOUTH DISTRICT ENGINEER:	JEFFREY S. REED REGISTERED No. 7854 DELAWARE PROFESSIONAL ENGINEER



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64 FT CABLE FERRY – HULL 89
DELDOT – WOODLAND DE

GENERAL SCANTLINGS
TYP WT BULKHEAD
RAKE TRANS BHD

DRAWN BY: JW
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APPROVED BY:
DATE: 02/16/07
ALT #: 1

DWG #: CS-64FY-20

SCALE IN FEET
0 5

NOTE: (1) RAMP AS SHOWN
(1) RAMP MIRROR IMAGE ABOUT HINGE

SCALE IN FEET
0 5

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DELDOT – WOODLAND DE

GENERAL SCANTLINGS
TYP TRANS WEB FR
& HULL LG STIFFS

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DWG #: CS-64FY-21

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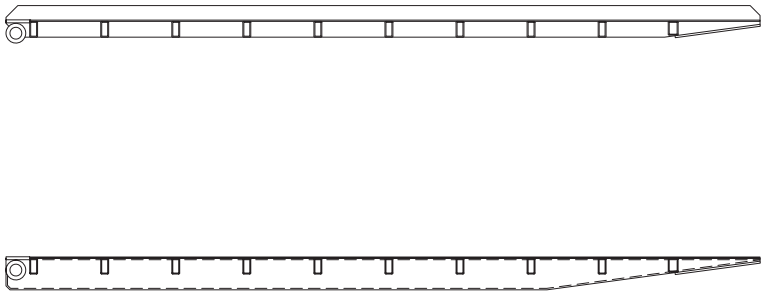

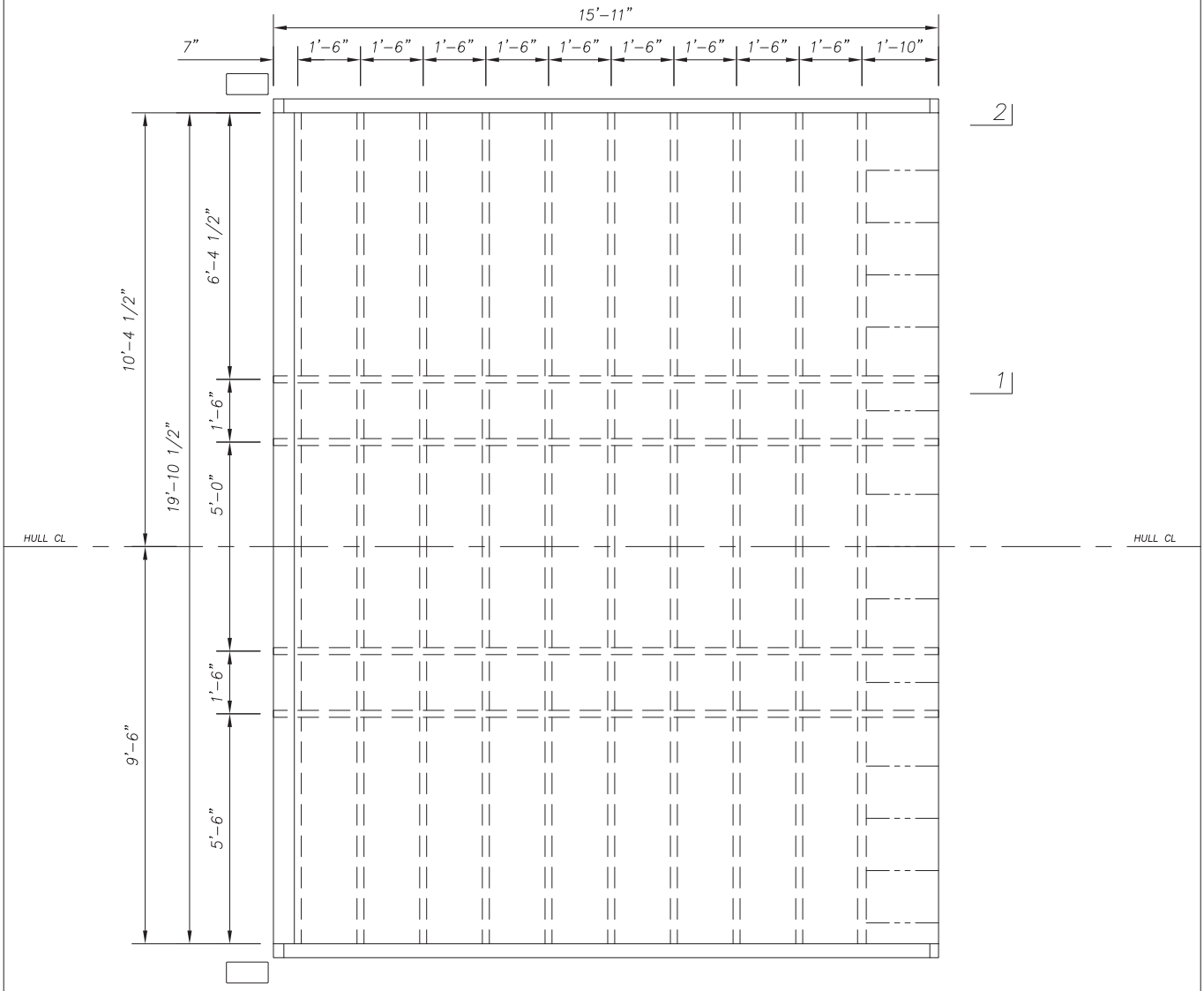

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64 FT CABLE FERRY – HULL 89
DELDOT – WOODLAND DE

GENERAL SCANTLINGS
TYP TRANS WEB FR
& HULL LG STIFFS

DRAWN BY: JW
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ALT #: 1
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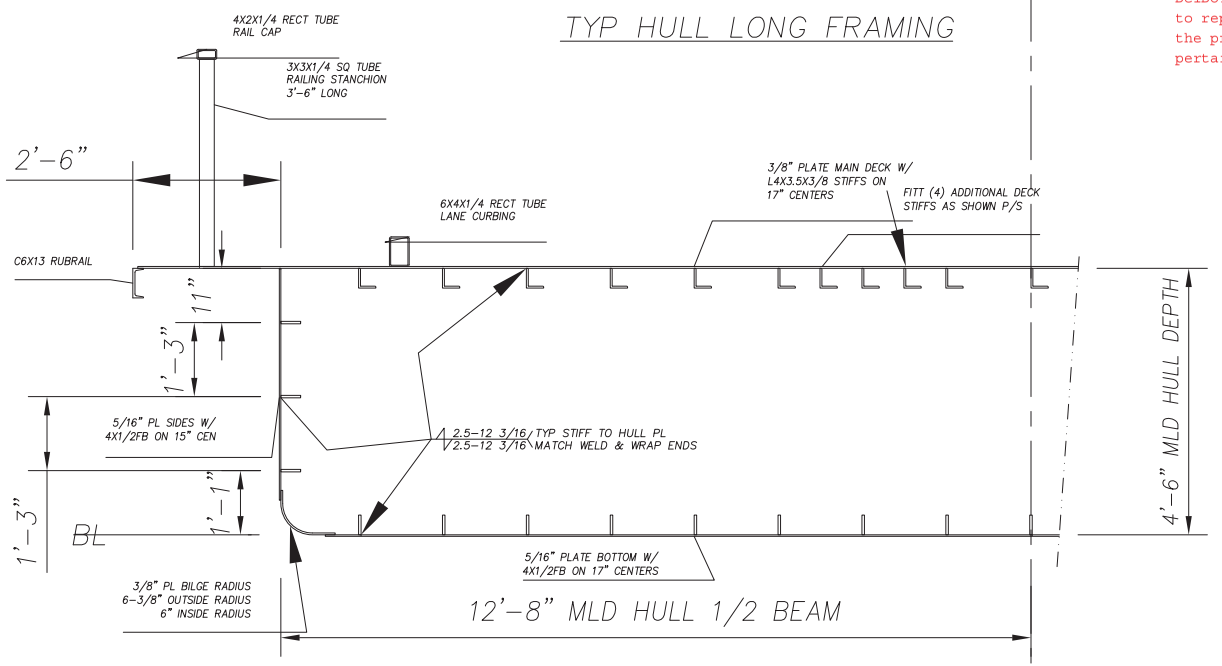
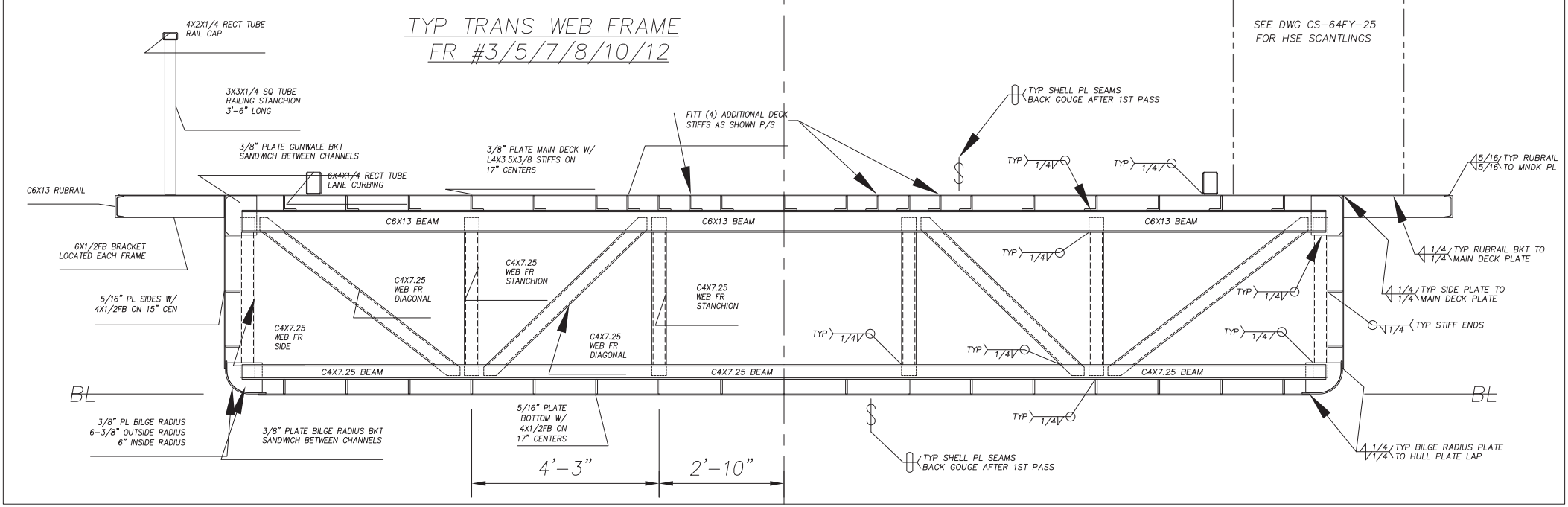
SCALE IN FEET
0 5

TYP HULL LONG FRAMING



TYP TRANS WEB FRAME
FR #3/5/7/8/10/12



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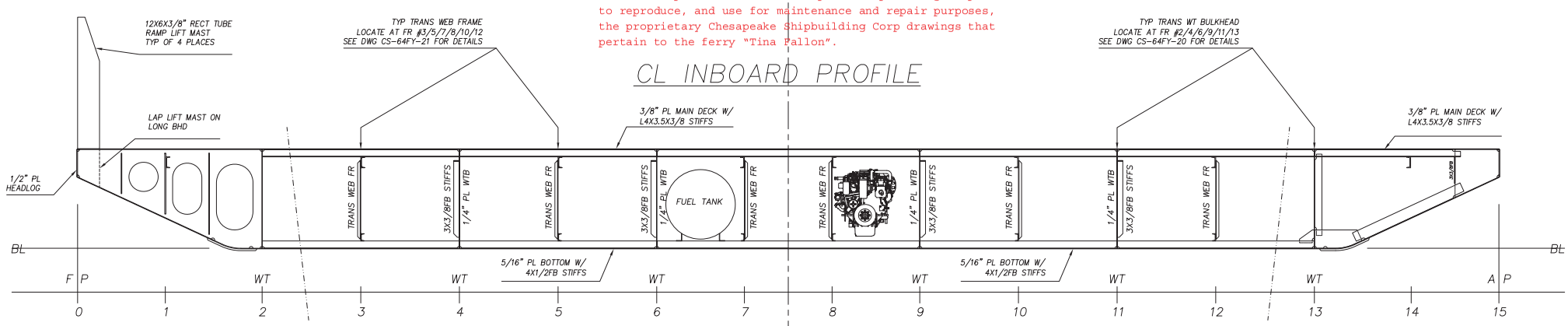
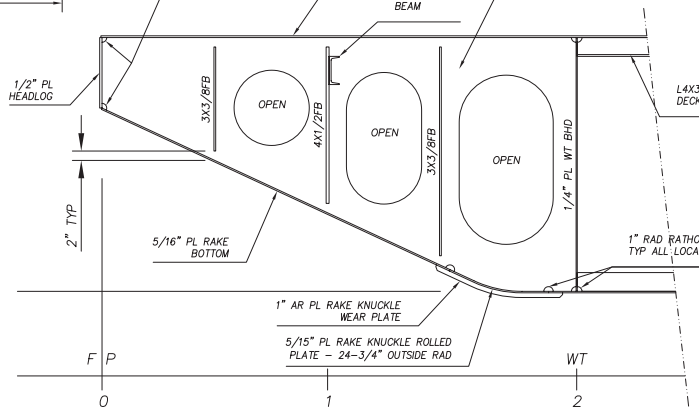
CL INBOARD PROFILE



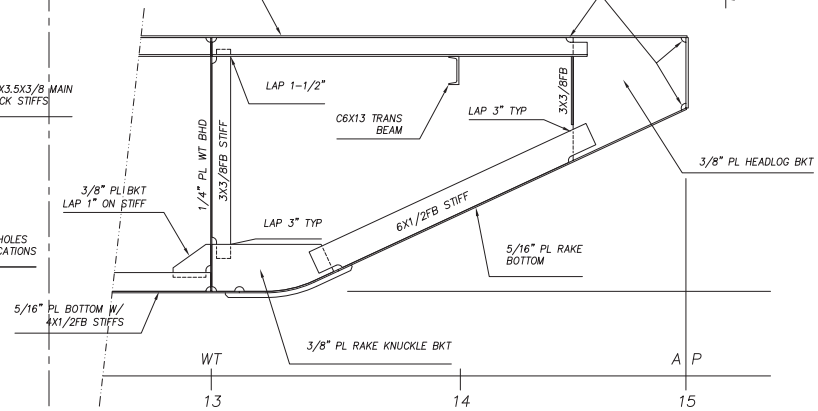
SEE BELOW RIGHT FOR RAKE FRAMING DETAILS IN WAY OF LONGITUDINAL BHDS

SEE BELOW LEFT FOR RAKE FRAMING DETAILS NOT IN WAY OF LONGITUDINAL BHDS



RAKE IWO OF LG BHD

SHOWN TWICE SCALE



RAKE ALL OTHER FRAMES

SHOWN TWICE SCALE

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64 FT CABLE FERRY – HULL 89
DELDOT – WOODLAND DE

GENERAL SCANTLINGS
HULL SIDE PROFILE
CL INBOARD PROFILE

DRAWN BY: JW DATE: 02/16/07
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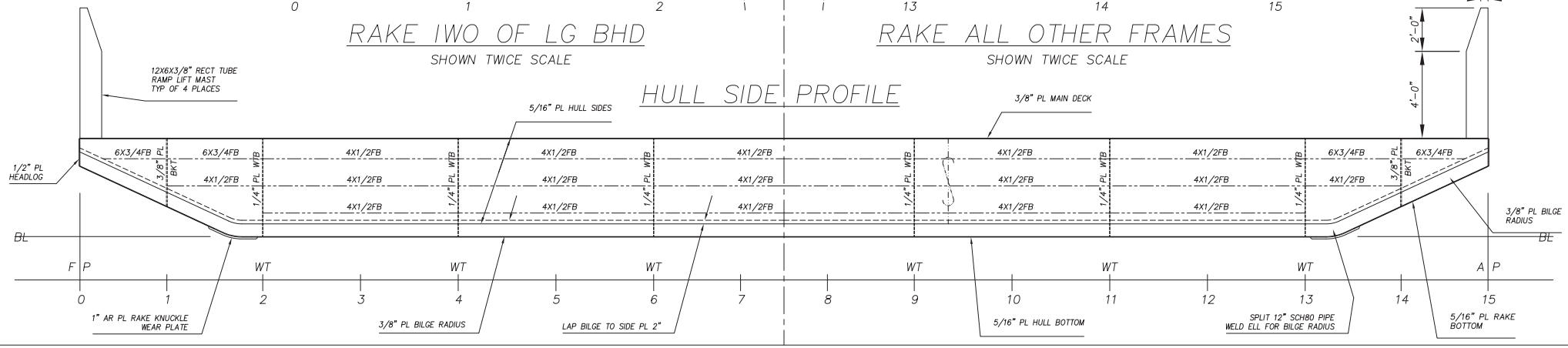
ALT #: 1
APPROVED BY:

DWG #: CS-64FY-22

SCALE IN FEET
0 5
4"

HULL SIDE PROFILE



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64 FT CABLE FERRY – HULL 89
DELDOT – WOODLAND DE

GENERAL SCANTLINGS
HULL BOTTOM PLAN
GENERAL LAYOUT

DRAWN BY: JW DATE: 02/16/07
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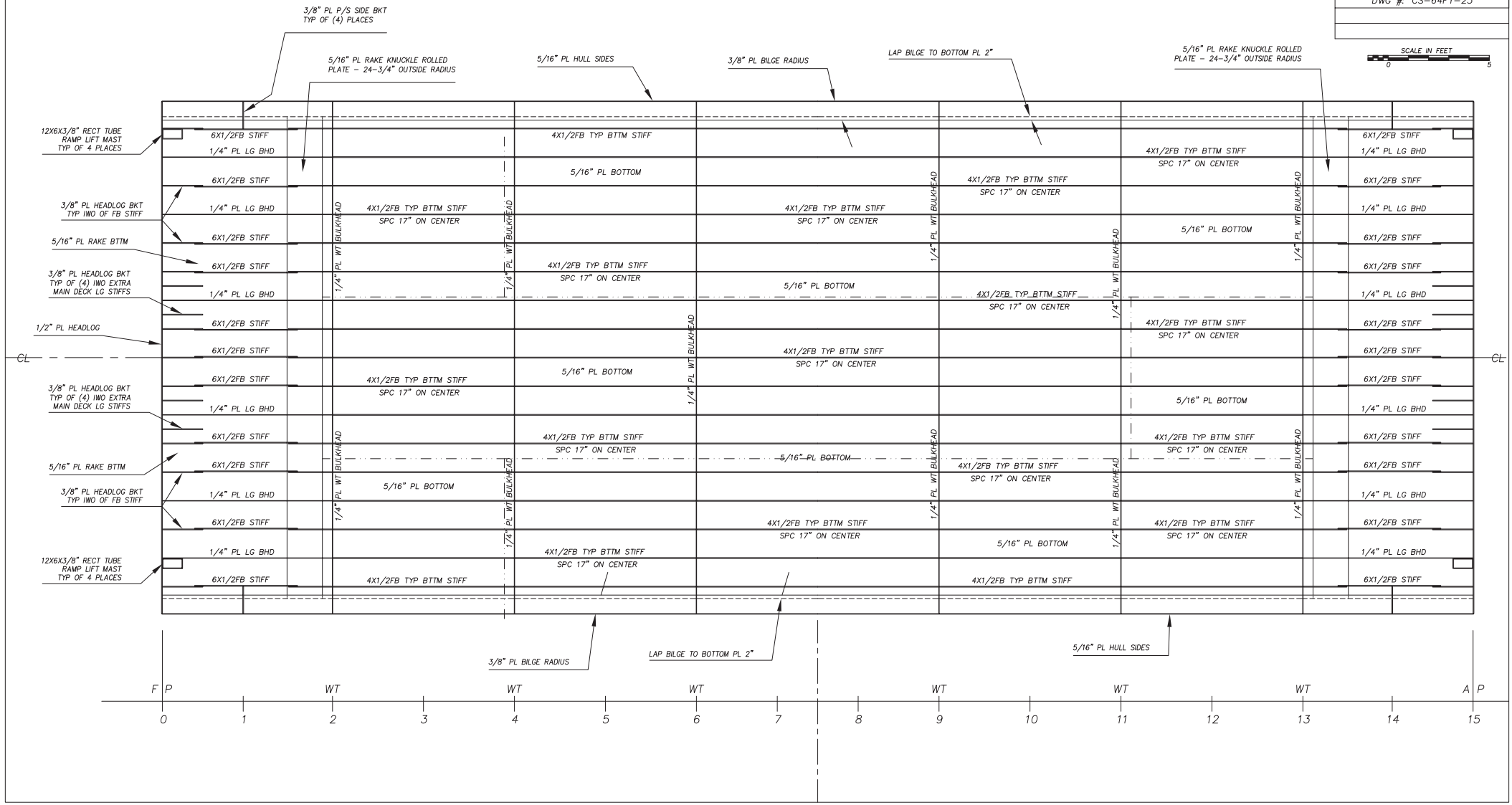
SCALE IN FEET 0 5

NOTE: TRANS WEB FRAME BOTTOM CHANNELS AT FR #3/5/7/8/10/12 NOT SHOWN FOR CLARITY – SEE DWG CS-64F-22 FOR DETAILS



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64 FT CABLE FERRY – HULL 89
DELDOT – WOODLAND DE

GENERAL SCANTLINGS
MAIN DECK PLAN
GENERAL LAYOUT

DRAWN BY: JW DATE: 02/16/07
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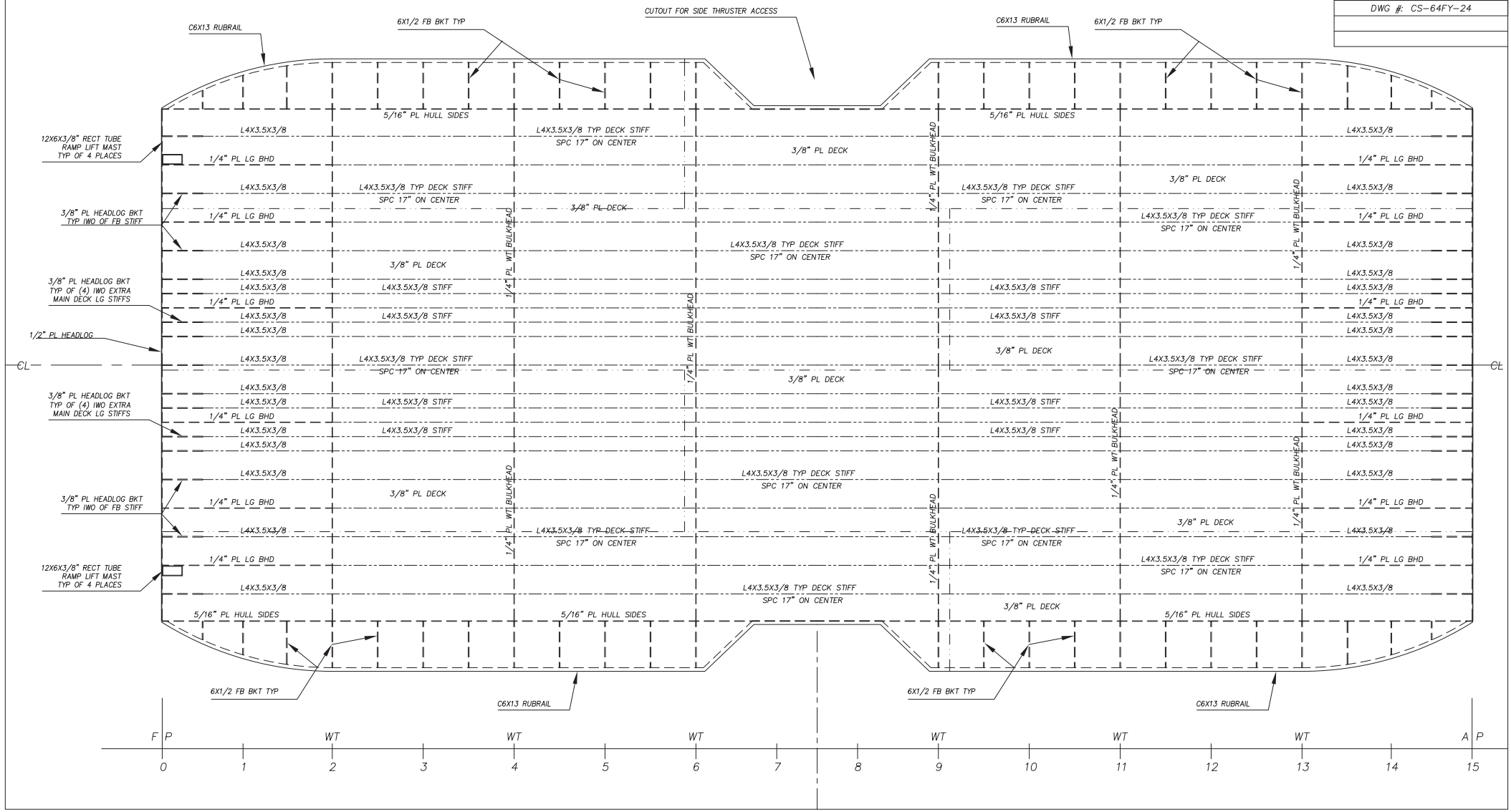
DWG #: CS-64FY-24

SCALE IN FEET
0 5

NOTE: TRANS WEB FRAME FLOATING TOP CHANNELS
AT FR #1/3/5/7/8/10/12/14 NOT SHOWN FOR
CLARITY – SEE DWG CS-64F-22 FOR DETAILS



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64 FT CABLE FERRY – HULL 89
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GENERAL SCANTLINGS
MNDK HSE BHD LAYOUT
2ND DECK PLAN VIEW

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SCALE IN FEET
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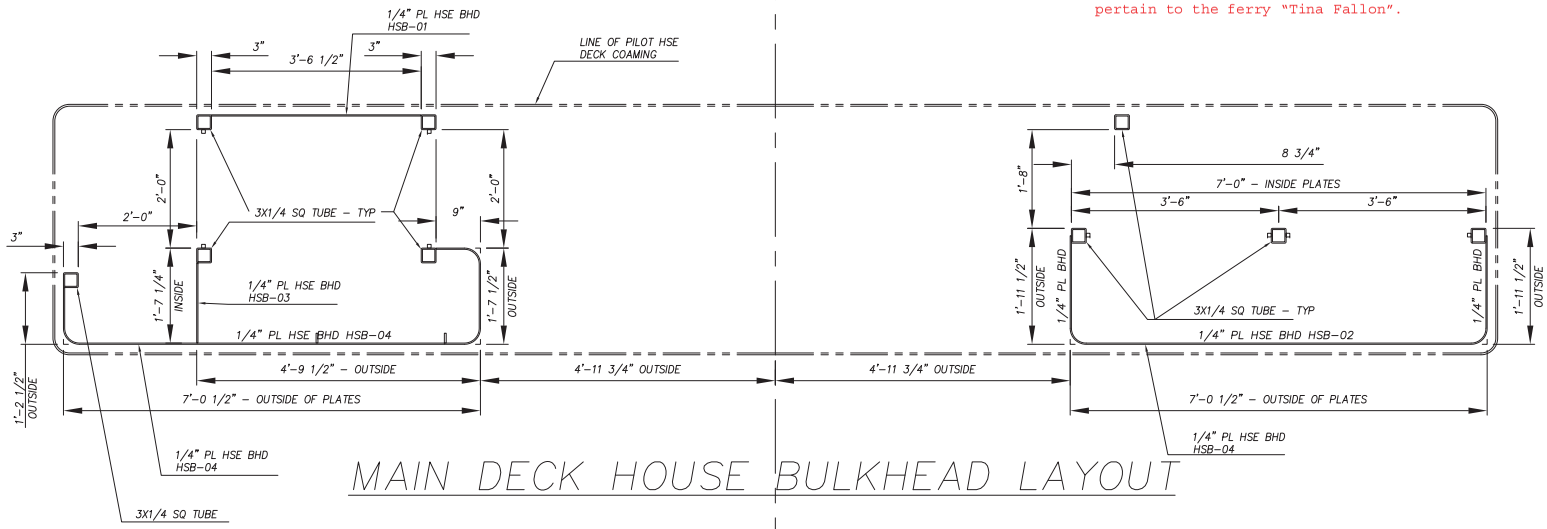
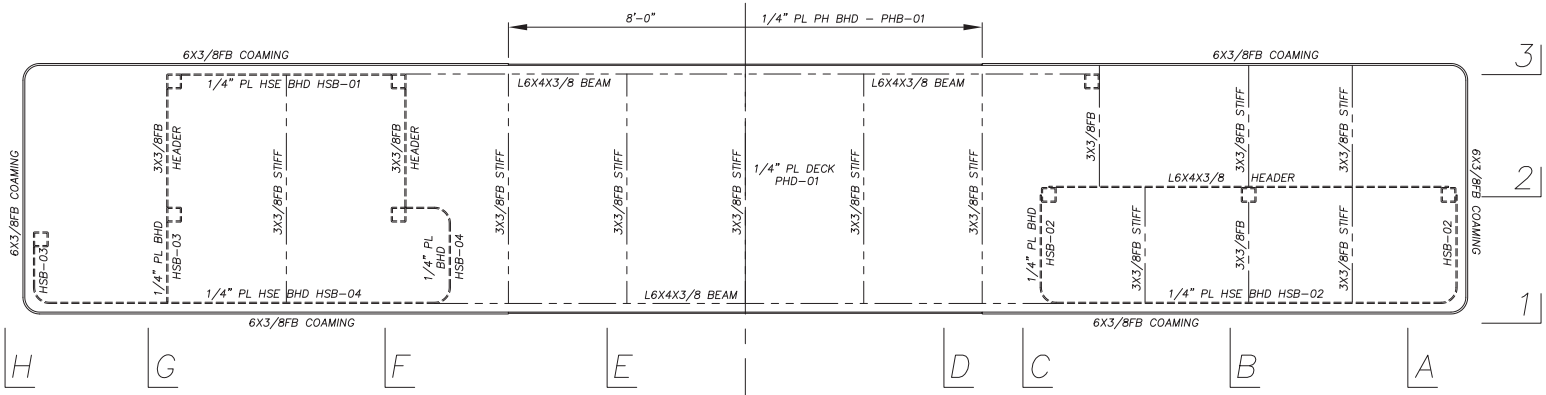
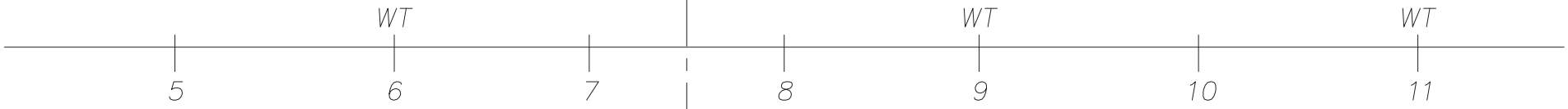


MAIN DECK HOUSE BULKHEAD LAYOUT



2ND DECK DECK PLAN LAYOUT



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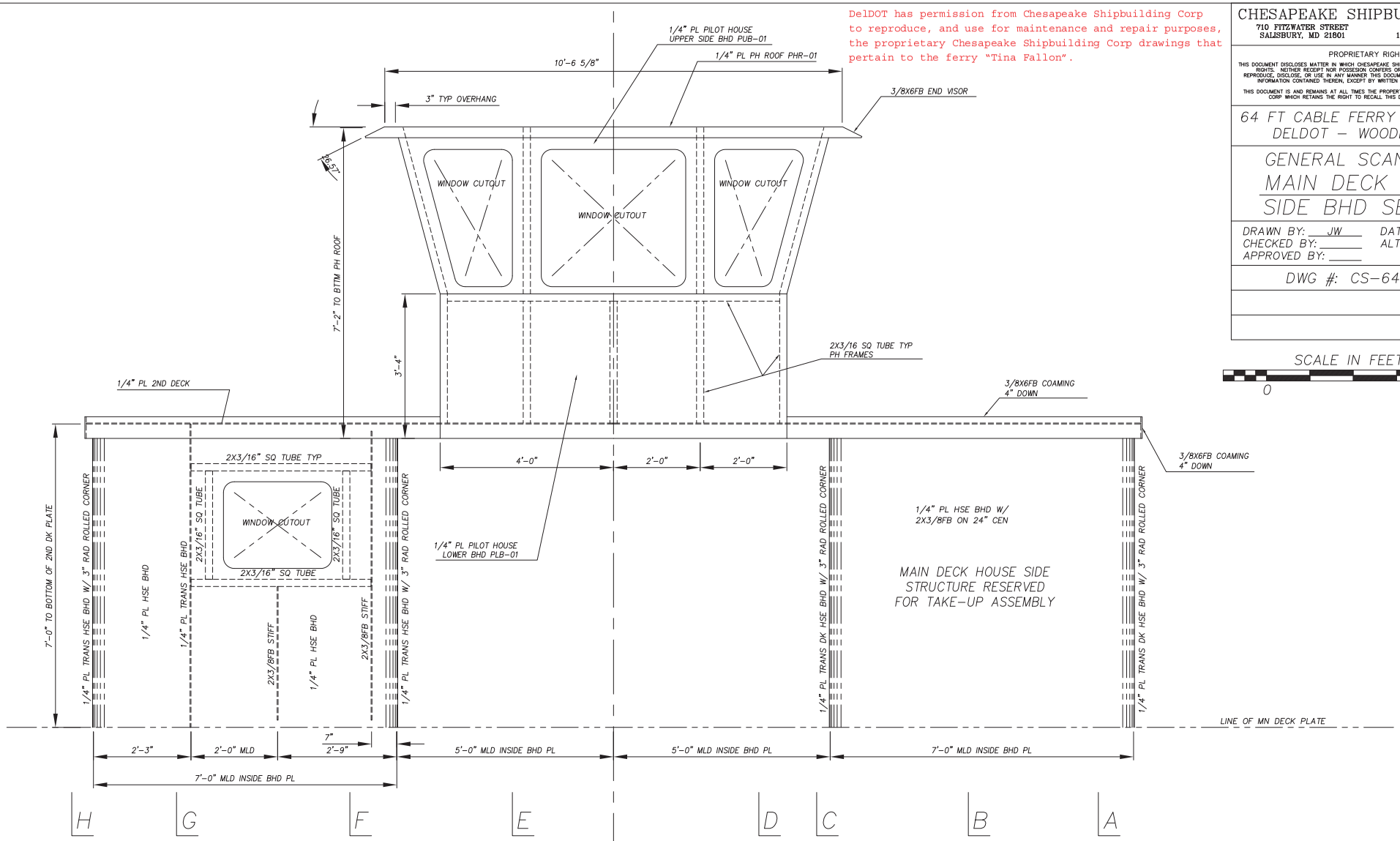

MAIN DECK HOUSE BULKHEAD LAYOUT – SECTION 1–1

SCALE IN FEET

0 5

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64 FT CABLE FERRY – HULL 89
DELDOT – WOODLAND DE

GENERAL SCANTLINGS
MAIN DECK HOUSE
SIDE BHD SEC 1–1

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DELDOT – WOODLAND DE

GENERAL SCANTLINGS
MAIN DECK HOUSE
TYP HSE SECTIONS

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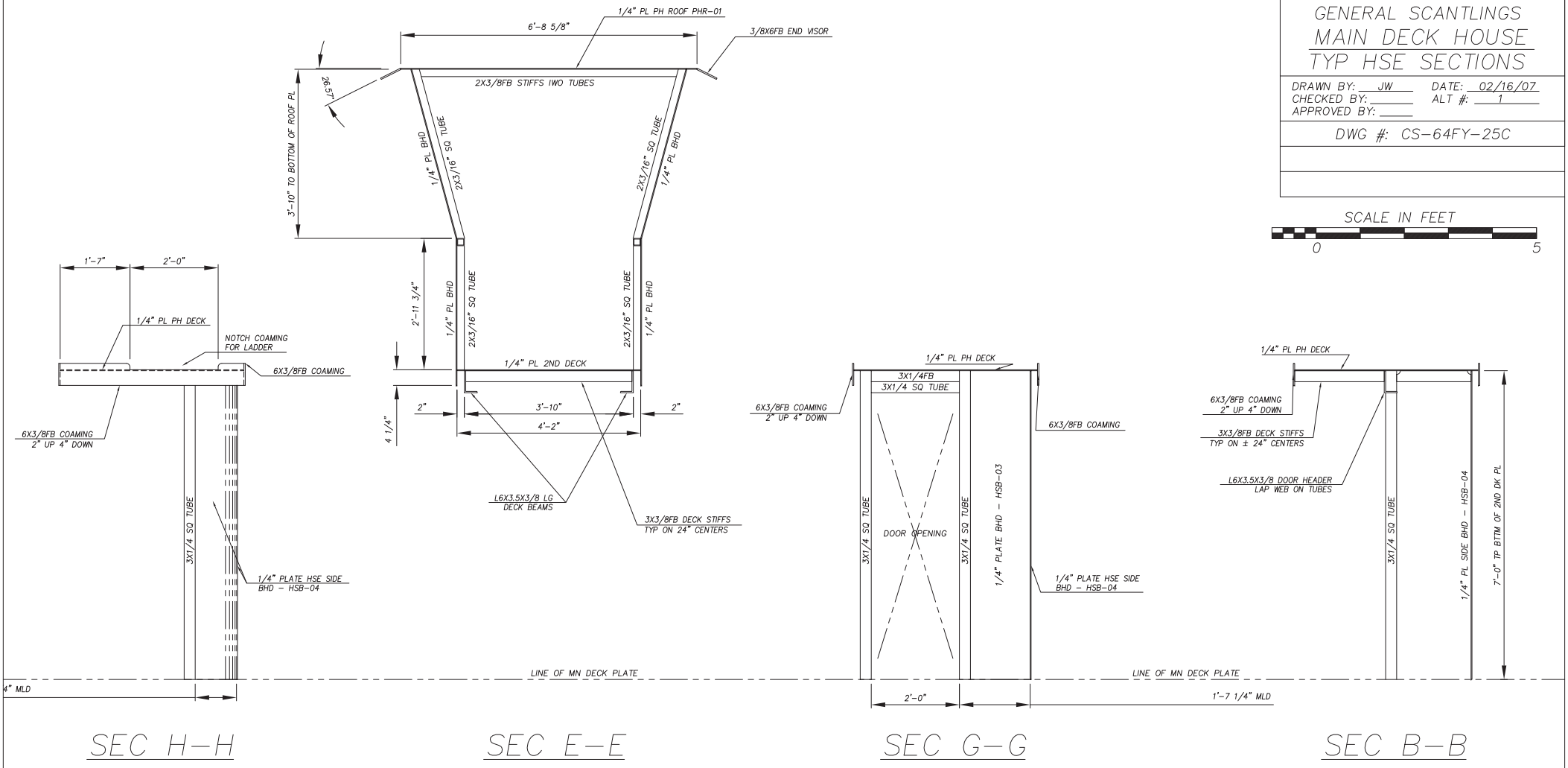
SCALE IN FEET
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