

STATE OF DELAWARE



DEPARTMENT OF TRANSPORTATION

BID PROPOSAL

for

CONTRACT **T201480201.02**

WOODLAND FERRY REPAIRS, SOUTH, 2014

SUSSEX COUNTY

ADVERTISEMENT DATE: September 2, 2013

Completion Date 90 Calendar Days

SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION
DELAWARE DEPARTMENT OF TRANSPORTATION
AUGUST 2001

Bids will be received in the Bidder's Room (B1.11.01), Transportation Administration Center, 800 Bay Road, Dover, Delaware until 2:00 P.M. local time September 24, 2013

**WOODLAND FERRY REPAIRS, SOUTH, 2014
SUSSEX COUNTY**

DESCRIPTION

The improvements consist of furnishing all labor and materials for WOODLAND FERRY REPAIRS, SOUTH, 2014, and other incidental construction in accordance with the location, notes and details shown on the plans and as directed by the Engineer.

COMPLETION DATE

All work on this contract must be complete within 90 Calendar Days .

PROSPECTIVE BIDDERS NOTE:

1. No retainage will be withheld on this contract.
2. The Department has adopted an External Complaint Procedure. The procedure can be viewed on our website at; <http://www.deldot.gov/information/business/>, or you may request a copy by calling (302) 760-2555.

**STATE OF DELAWARE
CONSTRUCTION ITEMS UNITS OF MEASURE**

English Code	English Description	Multiply By	Metric Code	Metric Description	Suggested CEC Metric Code
ACRE	Acre	0.4047	ha	Hectare	HECTARE
BAG	Bag	N/A	Bag	Bag	BAG
C.F.	Cubic Foot	0.02832	m ³	Cubic Meter	M3
C.Y.	Cubic Yard	0.7646	m ³	Cubic Meter	M3
EA-DY	Each Day	N/A	EA-DY	Each Day	EA-DY
EA-MO	Each Month	N/A	EA-MO	Each Month	EA-MO
EA/NT	Each Night	N/A	EA-NT	Each Night	EA/NT
EACH	Each	N/A	EA	Each	EACH
GAL	Gallon	3.785	L	Liter	L
HOUR	Hour	N/A	h	Hour	HOUR
INCH	Inch	25.4	mm	Millimeter	MM
L.F.	Linear Foot	0.3048	m	Linear Meter	L.M.
L.S.	Lump Sum	N/A	L.S.	Lump Sum	L.S.
LA-MI	Lane Mile	1.609	LA-km	Lane-Kilometer	LA-KM
LB	Pound	0.4536	kg	Kilogram	KG
MFBM	Thousand Feet of Board Measure	2.3597	m ³	Cubic Meter	M3
MGAL	Thousand Gallons	3.785	kL	Kiloliter	KL
MILE	Mile	1.609	km	Kilometer	KM
S.F.	Square Foot	0.0929	m ²	Square Meter	M2
S.Y.	Square Yard	0.8361	m ²	Square Meter	M2
SY-IN	Square Yard-Inch	0.8495	m ² -25 mm	Square Meter-25 Millimeter	M2-25 MM
TON	Ton	.9072	t	Metric Ton (1000kg)	TON
N.A.*	Kip	4.448	kN	Kilonewton	N.A.*
N.A.*	Thousand Pounds per Square Inch	6.895	MPa	Megapascal	N.A.*

*Not used for units of measurement for payment.

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GENERAL NOTICES

SPECIFICATIONS:

The specifications entitled "Delaware Standard Specifications, for Road and Bridge Construction, August, 2001", hereinafter referred to as the Standard Specifications, Supplemental Specifications, the Special Provisions, notes on the Plans, this Bid Proposal, and any addenda thereto shall govern the work to be performed under this contract.

CLARIFICATIONS:

Under any Section or Item included in the Contract, the Contractor shall be aware that when requirements, responsibilities, and furnishing of materials are outlined in the details and notes on the Plans and in the paragraphs preceding the "Basis of Payment" paragraph in the Standard Specifications or Special Provisions, no interpretation shall be made that such stipulations are excluded because reiteration is not made in the "Basis of Payment" paragraph.

ATTESTING TO NON-COLLUSION:

The Department requires as a condition precedent to acceptance of bids a sworn statement executed by, or on behalf of, the person, firm, association, or corporation to whom such contract is to be awarded, certifying that such person, firm, association, or corporation has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with such contract. The form for this sworn statement is included in the proposal and must be properly executed in order to have the bid considered.

QUANTITIES:

The quantities shown are for comparison of bids only. The Department may increase or decrease any quantity or quantities without penalty or change in the bid price.

TAX CLEARANCE:

As payments to each vendor or contractor aggregate \$2,000, the Division of Accounting will report such vendor or contractor to the Division of Revenue, who will then check the vendor or contractor's compliance with tax requirements and take such further action as may be necessary to insure compliance.

LICENSE:

A person desiring to engage in business in this State as a contractor shall obtain a license upon making application to the Division of Revenue. Proof of said license compliance to be made prior to, or in conjunction with, the execution of a contract to which he has been named.

DIFFERING SITE CONDITIONS,

SUSPENSIONS OF WORK and SIGNIFICANT CHANGES IN THE CHARACTER OF WORK:

Differing site conditions: During the progress of the work, if subsurface or latent physical conditions are encountered at the site differing materially from those indicated in the contract or if unknown physical conditions of an unusual nature, differing materially from those ordinarily encountered and generally recognized as inherent in the work provided for in the contract are encountered at the site, the party discovering such conditions shall promptly notify the other party in writing of the specific differing conditions before they are disturbed and before the affected work is performed.

Upon written notification, the engineer will investigate the conditions, and if he/she determines that the conditions materially differ and cause an increase or decrease in the cost or time required for the performance of any work under the contract, an adjustment, excluding loss of anticipated profits, will be made and the contract modified in writing accordingly. The engineer will notify the contractor of his/her determination whether or not an adjustment of the contract is warranted.

No contract adjustment which results in a benefit to the contractor will be allowed unless the contractor has provided the required written notice.

No contract adjustment will be allowed under their clause for any effects caused on unchanged work.

Suspensions of work ordered by the engineer: If the performance of all or any portion of the work is suspended or delayed by the engineer in writing for an unreasonable period of time (not originally anticipated, customary or inherent to the construction industry) and the contractor believes that additional compensation and/or contract time is due as a result of such suspension or delay, the contractor shall submit to the engineer in writing a request for adjustment within 7 calendar days of receipt of the notice to resume work. The request shall set forth the reasons and support for such adjustment.

Upon receipt, the engineer will evaluate the contractor's request. If the engineer agrees that the cost and/or time required for the performance of the contract has increased as a result of such suspension and the suspension was caused by conditions beyond the control of and not the fault of the contractor, its suppliers, or subcontractors at any approved tier, and not caused by weather, the engineer will make an adjustment (excluding profit) and modify the contract in writing accordingly. The engineer will notify the contractor of his/her determination whether or not an adjustment of the contract is warranted.

No contract adjustment will be allowed unless the contractor has submitted the request for adjustment within the time prescribed.

No contract adjustment will be allowed under this clause to the extent that performance would have been suspended or delayed by any other cause, or for which an adjustment is provided for or excluded under any other term or condition of this contract.

Significant changes in the character of work: The engineer reserves the right to make, in writing, at any time during the work, such changes in quantities and such alterations in the work as are necessary to satisfactorily complete the project. Such changes in quantities and alterations shall not invalidate the contract nor release the surety, and the contractor agrees to perform the work as altered.

If the alterations or changes in quantities significantly change the character of the work under the contract, whether or not changed by any such different quantities or alterations, an adjustment, excluding loss of anticipated profits, will be made to the contract. The basis for the adjustment shall be agreed upon prior to the performance of the work. If a basis cannot be agreed upon, then an adjustment will be made either for or against the contractor in such amount as the engineer may determine to be fair and equitable.

The term "significant change" shall be construed to apply only to the following circumstances:

- (A) When the character of the work as altered differs materially in kind or nature from that involved or included in the original proposed construction or
- (B) When a major item of work, as defined elsewhere in the contract, is increased in excess of 125 percent or decreased below 75 percent of the original contract quantity. Any allowance for an increase in quantity shall apply only to that portion in excess of 125 percent of original contract item quantity, or in case of a decrease below 75 percent, to the actual amount of work performed.

**SUPPLEMENTAL SPECIFICATIONS
TO THE
AUGUST 2001
STANDARD SPECIFICATIONS**

**EFFECTIVE AS OF THE ADVERTISEMENT
DATE OF THIS PROPOSAL
AND INCLUDED BY REFERENCE**

**The Supplemental Specifications can be viewed and printed from
the Department's Website.**

To access the Website;

- in your internet browser, enter; <http://www.deldot.gov>
- on the left side of the page under 'INFORMATION', Click; 'Publications'
- scroll down under 'MANUALS' and Click; "Standard Specifications 2001"

The full Website Link is;

http://www.deldot.gov/information/pubs_forms/manuals/standard_specifications/index.shtml

Printed copies of the Supplemental Specifications are available upon request. A printed copy of the above referenced Supplemental Specifications will be included in the final contract documents upon award.

The Contractor shall make himself aware of these revisions and corrections (Supplemental Specifications), and apply them to the applicable item(s) of this contract.

PROJECT NOTES
BID FORMS
PHOTOGRAPHS
CERTIFICATE OF INSPECTION
WOODLAND FERRY PLANS

STATE OF DELAWARE



DEPARTMENT OF TRANSPORTATION
MAINTENANCE SUPPORT – SOUTH DISTRICT
PLANS AND SPECIFICATIONS FOR:

CONTRACT NO: T201480201.02 P3E: 13-67001

CONTRACT TITLE: WOODLAND FERRY REPAIRS, SOUTH, 2014

PLANS PREPARED BY: GRANT PARKER (DESIGN TECHNICIAN)

PLANS REVIEWED BY: Jason Wyatt DATE: 8/26/13
MAINT.SUPPORT SUPERVISOR

DATE RECOMMENDED: <u>Jason McCluskey</u> ASSISTANT MAINT. ENGINEER: <u>08.22.13</u>	
DATE RECOMMENDED: <u>8-22-13</u> MAINTENANCE ENGINEER: <u>[Signature]</u>	
DATE RECOMMENDED: <u>8/23/13</u> SOUTH DISTRICT ENGINEER: <u>[Signature]</u>	

CONTRACT NO. T201480201.02
WOODLAND FERRY REPAIRS
SOUTH DISTRICT
2014

PROJECT NOTES

INTENT:

It is the intent of this contract to provide for the transportation, service and repair of the Woodland Ferry.

GENERAL:

The following clauses relate to the transportation, service and repair of the Woodland Ferry.

Whenever the word "Contractor" is used, it shall refer to the person or persons, company or corporation furnishing the services required.

Whenever the word "Department" is used, it shall refer to the State of Delaware, Department of Transportation.

In case of failure on the part of the Contractor to comply with the terms of the contract, the Department may proceed to take appropriate action in accordance with the provisions of the Contract Agreement contained herein.

SPECIFICATIONS:

The Specifications entitled "Delaware Standard Specifications, August 2001," hereafter referred to as the Standard Specifications and the Special Provisions contained herein, shall govern the work to be performed under this contract.

The Special Provisions represent modifications and revisions to the Standard Specifications and whenever the Special Provisions differ from the Standard Specifications, these Special Provisions shall govern.

A bid bond and performance bond are required for this contract as stated in sections 102.08 and 103.05 of the Standard Specifications.

The Department reserves the right to add and delete items to this contract as needed. Additional work shall be performed at the contract unit prices. In the case where contract unit prices are not available, the prices are to be negotiated prior to commencement of work.

DURATION OF CONTRACT:

The duration of this contract is ninety (90) calendar days. Contract time will start when the notice to proceed is issued.

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WOODLAND FERRY REPAIRS
SOUTH DISTRICT
2014

ORIENTATION:

The vessel, being out of its natural point of reference and having an undefined bow and stern, shall be referenced as follows. When standing on the deck and facing the pilot house, the boarding side to the left shall be known as the Woodland end and the boarding side to the right shall be known as the Bethel end. The upriver side of the vessel corresponds with the pilot house.

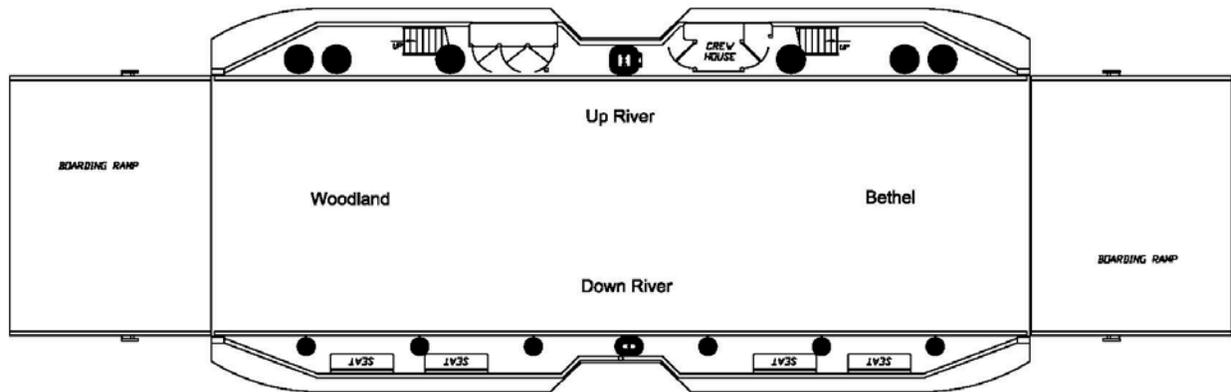


Figure 1

LOCATION OF WORK:

All work shall be completed off site at a location suitable for completion of the items outlined in this contract. The ferry is currently located in its slip on the Nanticoke River at 5145 Woodland Ferry Road, Seaford, Delaware.

CONTRACTOR'S RESPONSIBILITY:

The Contractor shall be responsible for transporting the vessel off site and then returning it after work is complete. It will be necessary for the Contractor to provide the Department with evidence that sufficient insurance coverage is available to compensate the Department for any loss or damage prior to transporting the ferry and must maintain such proof for the duration of the contract.

The Woodland Ferry is listed as a Subchapter "T" small passenger ferry by the United States Coast Guard. The contractor is responsible for obtaining Coast Guard approval when required.

It is the contractor's responsibility to contact the United States Coast Guard at (302) 644-1909 and arrange for the vessel to be inspected before placing it back into the water.

The Contractor shall be responsible for all permits, licenses, and fees, as stated in Section 107.02 of the Standard Specifications and the Special Provisions.

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The Contractor shall observe and identify any items that are perceived to be deficient, and shall bring them to the attention of the Department. Prices for additional work resulting from such deficiencies shall be negotiated prior to commencement of work.

All work shall be done in accordance with the latest USCG requirements that pertain to this vessel.

LIABILITY:

Certificate of insurance and/or copies of insurance policies for the following:

1. As a part of the contract requirements, the contractor must obtain at its own cost and expense and keep in force and effect during the terms of this contract, including all extensions, the minimum coverage limits specified below with a carrier satisfactory to the Department. All contractors must carry Comprehensive General Liability and at least one of the other coverages depending on the type of service or product being delivered.
 - a. Comprehensive General Liability - \$1,000,000.00 per person/3,000,000.00 per occurrence.
and
 - b. Medical/Professional Liability - \$1,000,000.00 per person/3,000,000.00 per occurrence.
 - c. Miscellaneous Errors and Omissions - \$1,000,000.00 per person/\$3,000,000.00 per occurrence.
 - d. Product Liability - \$1,000,000.00 per person/3,000,000.00 per occurrence.
2. Automotive Liability Insurance covering all automotive units used in the work with limits of not less than \$100,000 each person and \$300,000 each accident as to bodily injury and \$25,000 as to property damage to others.
3. Forty-five (45) days written notice of cancellation or material change of any policies is required.

**Contract No. T201480201
State of Delaware
Department Of Transportation
800 Bay Rd.
DOVER, DE 19903
FAX: 302-739-2254**

Note: The State of Delaware shall not be named as an additional insured.

LIQUIDATED DAMAGES:

Failure to complete the items stipulated under "SCOPE OF WORK" within the ninety (90) days shall be cause for assessment of liquidated damages as stated in section 108.09 of the Standard Specifications.

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BASIS OF AWARD:

Award of this contract shall be based on the acceptable low bid submitted. The Department reserves the right to reject any or all bids beyond the limits of the estimated cost of the work contained in this proposal.

ACCEPTANCE:

Prior to acceptance of work, the Contractor shall deliver the ferry to the Department who will install and operate the ferry under normal conditions in the presence of the Contractor.

BASIS OF PAYMENT:

The quantity of ferry rehabilitation will be paid for per the Quantity Summary Sheet. Price and payment will constitute full compensation for transportation, furnishing all materials, performing all the painting, welding and repairs and for all labor, equipment, tools and incidentals required to complete the work. Thirty (30) day progress payments may be made upon request and at the discretion of the Department engineer or his representative based on an approved schedule of values submitted by the Contractor. All items paid by quantity shall be based on the actual work completed.

I. WARRANTY:

The Contractor shall extend to the Department a policy guarantee on parts, equipment, and services, against defective material and workmanship for a minimum period of one (1) year from the date of acceptance of the vessel. Any item which is normally covered by the warranty policy but is determined to have been damaged through misuse or operator neglect will be exempt from coverage. In cases where items that are excluded from coverage under this warranty policy but are covered by a manufacturer's policy, the manufacturer's policy will be provided to the Department.

1. Warranty period shall begin after the vessel has been inspected by Department personnel and found to be totally in compliance with the terms, conditions and specifications of this contract, and accepted.
2. If any part of the vessel is normally covered by a warranty policy for more than one (1) year, the full period of warranty policy will be provided to the Department.
3. When warranty work is required, the Department will notify the Contractor and/or their designated maintenance facility. All warranty work shall be performed in the Department's district facility to which the vessel is assigned, at no additional cost to the Department, unless the nature of the work dictates the use of a specialized facility. In such cases, the Contractor will provide all necessary transportation both to and from the specialized facility.
4. The Contractor shall comply with the manufacturer's warranty or authorize a qualified dealer in the locality in which the vessel is assigned to do whatever is required to comply with the manufacturer's warranty without cost to the Department.

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5. Upon notification that warranty work is required, the Contractor will be required to complete repairs and/or adjustment within five (5) working days or liquidated damages will be assessed per section 108.09 of the Standard Specifications. The necessary work will be accomplished as expeditiously as possible. If required parts are not available, then non-availability of parts shall be verified by at least three (3) different sources. Verification shall be formal and supplied by the Contractor in writing. If there is a verified non-availability of parts, time charges shall commence on the first (1st) working day following the delivery date of said parts. If the Department agrees to additional time for warranty work, it must be documented prior to the occurrence.

II. TRANSPORTATION:

It is the responsibility of the Contractor to take possession of and transport the Woodland Ferry using any reasonable means available to them. Note that the Department will disconnect the guide cable from the vessel at the time of possession by the Contractor, and will subsequently reconnect the guide cable once the Department reclaims possession over the vessel.

III. SCOPE OF WORK:

All workmanship is to be to the highest applicable marine standards. All materials are to be new and unused unless specified otherwise. All work areas shall be cleaned by the Contractor prior to acceptance of project by the Department. Departures from this specification are to be brought to the attention of the Department representative and must be preapproved by the Department.

A. Engine Replacement

1. Replace existing engine with a John Deere remanufactured long block engine or DelDOT approved equivalent.
2. Replace serpentine belt and idler pulleys.
3. Replace engine starter and alternator in kind or with an approved alternative. Supply the existing to the Department.
4. Rebuild transmission gear box.
5. Replace turbo in kind or with an approved alternative and supply the used turbo to the Department.

Existing Engine Specs

Make: John Deere

Model: 6081AFM75 8.1L

Serial No.: RG6081A299028

All engine work shall be performed by an authorized John Deere Mechanic

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B. Engine Compartment

1. Replace four (4) hydraulic shut off valves for thrusters.
2. Rebuild existing hydraulic shutoff valves to be used as spares and supply to the Department upon completion. (See Photograph 1 & 2).
3. Replace the 90 degree thruster fittings located by the control panel on the down river side of the vessel (See Photograph 3).
4. Replace leaking thruster fitting on upstream side of the vessel (See Photograph 4).
5. Replace (4) multifunction valves (2) in each Hydrostat pump. Use Sauer Danfoss Part#: 85100221 or an approved equivalent. Supply the existing valves to Department.

	Model No.	Serial No.
Hydrostat 1	07-48-87594	A-07-40-07106
Hydrostat 2	07-48-87585	A-07-40-07108

6. Clean diesel fuel tank.
7. Coat interior of diesel fuel tank with an epoxy coating that is diesel fuel compatible. Coating must be preapproved. Proof of completion is required.
8. Install drain valve on the bottom of the fuel tank such that water and sediments can be drained.
9. Remove *Racor* fuel filter and connect the fuel line in straight run (See Photograph 6).
10. Replace Water Tight Seal at Engine Hatch Cover, prior to final closing of hatch. (See Photograph 7).

C. Sheave Compartment

1. Replace all hoses in kind, and repair manifold leaks in sheave wheel compartment.
2. Install a support bracket on steel lines on the door side to keep them from moving (See Photograph 8).
3. The Department will provide three (3) cable sheave wheels. Remanufacture the sheave wheels to original tolerances and specifications. Weld/install new center hubs and new shafts.
4. Replace European line bushings and supply existing to the Department (See Photo 9).

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D. Ramps

1. Replace the three (3) pins in each of the four (4) hydraulic arms with pins of equivalent diameter and long enough to allow for a 1/4" bolt at each end to keep pin in place.
2. Replace eight (8) 3/4" Gates R12 Flame Resistant hydraulic hoses (part# 12EFG4K) 4000 psi in kind or with approved equivalent.
3. Install a protective sleeve 1" in diameter over the eight (8) hydraulic ramp hoses. Use twenty-five (25) total feet of Gates SHG28 or an approved equivalent.
4. Mount Teflon grease lines at ramp hinge pins and mount an access box on the nearest upright. This is to be done for both ramps (See Photograph 10 for example).
5. Replace grease fittings in kind on the Bethel side of the vessel.
6. Strip to bare steel and recoat ramps with a preapproved friction coating.

E. Miscellaneous

1. Furnish and install an idler pulley on the hull of the vessel halfway between the thruster and the existing Bethel idler pulley (See Photograph 11 approximate location). See below specification or use approved alternative.

Bear Equipment Inc. Specifications, Part# S10CJMP

Outside Diameter	10"
Finished Bore	2-1/4"
Rim Width	2"
Hub Width	2-1/4"
Shaft Size	1-3/4"
Groove Diameter	7-1/4"
Hub Diameter	3-1/2"
Rope Size	1-1/8"
Pitch Diameter	8-3/8"

2. Replace existing idler pulley in kind using above specifications, including support rod. Supply existing idler pulley to the Department.
3. Up river fairleads shall be replaced and the existing fairleads supplied to the Department.
4. Overlay existing steel skid plate on rake knuckle with new 1" abrasion resistant steel plate. This is to be done on both sides of the vessel. Approximate plate size is 2.5' x 25' (ea).

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5. Install an electric shut off valve for heater controls with a switch in the pilot house. Include all USCG approved valves, switches and wiring. Install switch in panel so that the valve can be electrically opened and closed from the pilot house (See Photograph 12 for switch location).
6. Install an electric switch in the pilot house to operate the bilge pump.
7. Replace existing bilge pump with an electric pump rated for USCG required flow rates (See Photograph 12 for switch location) and supply the old pump to the Department.

NOTE: Any deficiencies discovered in the frame or hull not specifically described herein while servicing the vessel shall be brought to the attention of the Department. No additional work shall be performed without prior written approval from the engineer. Prices shall be agreed to prior to the start of any additional work.

F. *Painting*

1. Rust Removal – Interior
2. Rust Removal – Exterior
3. Surface Preparation, Primer and Paint – Interior
4. Surface Preparation, Primer and Paint – Exterior Above W/L
5. Surface Preparation, Primer and Paint – Exterior Below W/L
6. Surface Preparation, Primer and Paint – Decking - Non – Skid

Painting Notes:

- The contractor shall remove all rust and areas of paint failure, prime, and overcoat the entire exterior of the ferry.
- Interior surfaces shall be spot painted as directed by the Department representative.
- Prior to painting any areas of the hull, the contractor or his representative shall contact the United States Coast Guard at (302) 644-1909, who will inspect critical areas. Identified critical areas shall be blast cleaned to an SSPC SP10 finish. (Payment under Rust Removal – Exterior)
- All surfaces shall be dry and totally free of grease, oil, or other residue before overcoating. Degreasing shall be done with a cleaner compatible with the paint to be used. Weld scale, flux, and dirt shall also be removed before painting. (Payment incidental to Paint items)
- The majority of corrosion & paint removal will be completed after all other repairs have been accomplished and shall be directed by the engineer.
- After rust removal and before painting, the engineer shall inspect the ramp hinge locations. If any signs of weld fatigue and cracking have occurred, the engineer shall contact the Department immediately.

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- Before any blast cleaning, burning, or welding is done, all surfaces subject to damage shall be covered. This includes glass, machinery, controls and any other items not requiring a coating. (Payment incidental to contract)
- All new steel shall be primed within 24 hours after installation. All surfaces damaged by welding or burning are to be cleaned before coating.
- All painting activities shall follow the manufacturer's specifications and Section 605 of the DelDOT Standard Specifications.
- Any lettering, numbering, and handles shall be repainted in its existing colors, sizes and locations after the ferry has been painted / coated. This would include valve numbers, manhole numbers, names, etc., i.e., sea valve cock shall be green and the fuel cut off valve shall be red. Payment is incidental to paint items.
- The contractor must submit paint samples to the Department for approval prior to beginning painting.
- Cold weather formulations of the required paints are to be used if so recommended by the manufacturer, because of ambient temperatures at the time of application. No painting is to be performed when the surface or material temperature is below the minimum recommended by the manufacturer. Dew point recommendations are also to be observed. No painting is to be performed when there is any evidence of condensation on the surfaces to be coated. Time between coats is to be within manufacturer's recommendations.
- The vessel shall be shifted as necessary to permit painting in the areas where the blocks are supporting the vessel. All painting shall be touched up as necessary if done before nearby equipment installation. Payment is incidental to paint items.
- Any damage caused by the contractor shall be repaired and painted at the contractor's expense.
- The table below indicates the coatings used during original construction. These may be substituted with an approved alternative. All paint thickness shall comply with the manufacturer's specifications. The Contractor shall submit materials for approval. Topcoat is to be applied to the following locations in the existing color scheme:

INTERIOR VOIDS AND ENGINE ROOM:	
Sherwin Williams Seagard 6000 Marine Epoxy	Part A N11-400 Part B N11V 400
EXTERIOR HULL BELOW WATER LINE:	
Sherwin Williams Seagard 6000 Epoxy	
EXTERIOR HULL ABOVE WATER LINE:	
Sherwin Williams Seagard 6000 Epoxy	
Sherwin Williams Acrolon 218 HS Acrylic Polyurethane	
CURBING ON RAMPS AND DECK:	Part A B-65-400

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	Part B B-65V400
Sherwin Williams Seagard 6000 Epoxy	
Sherwin Williams SherCryl HPA	
NON-SKID DECKING:	B66-300 Red
American Safety Technologies	
	AS-250 Gray

Following Pages

- Bid Forms (2 pages)
- Photographs (4 pages)
- Certificate of Inspection (2 pages)
- Woodland Ferry Plans (9 pages)

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BID FORMS

Work Description: Supply of transportation, materials, equipment and labor to service and repair the Woodland Ferry. Unit Price and Total Price in figures must be typewritten or handwritten in ink.

<i>CONTRACT QUANTITIES SUMMARY SHEET</i>					
Item	Description	Quantity	Unit	Unit Price	Total Price
I	WARRANTY	1	LS		
				SUBTOTAL	
II	TRANSPORTATION	1	LS		
				SUBTOTAL	
III	SCOPE OF WORK				
A1	REPLACE EXISTING ENGINE	1	LS		
A2	SERPENTINE BELT/IDLER PULLEY	1	LS		
A3	ENGINE STARTER/ALTERNATOR	1	LS		
A4	TRANSMISSION GEAR BOX	1	LS		
A5	TURBO	1	LS		
				SUBTOTAL A	
B1	THRUSTER SHUT OFF VALVES	1	LS		
B2	REBUILD THRUSTER SHUT OFF VALVES	1	LS		
B3	90° THRUSTER FITTING	1	LS		
B4	THRUSTER FITTING, UPSTREAM	1	LS		
B5	MULTIFUNCTION VALVES	1	LS		
B6	CLEAN DIESEL TANK	1	LS		
B7	COAT DIESEL TANK	1	LS		
B8	DIESEL TANK DRAIN VALVE	1	LS		
B9	REMOVE RACOR FILTER	1	LS		
B10	ENGINE HATCH SEAL	1	LS		
				SUBTOTAL B	
C1	REPLACE HOSES	1	LS		
C2	SUPPORT BRACKET	1	LS		
C3	REMANUFACTURE SHEAVE WHEELS	1	LS		
C4	LINE BUSHINGS	1	LS		
				SUBTOTAL C	
D1	RAMP PINS	1	LS		
D2	HYDRAULIC HOSES	1	LS		
D3	PROTECTIVE HOSE SLEEVE	1	LS		
D4	GREASE LINES	1	LS		
D5	GREASE FITTINGS	1	LS		
D6	RECOAT RAMPS	1	LS		

CONTRACT NO. T201480201.02
WOODLAND FERRY REPAIRS
SOUTH DISTRICT
2014

				SUBTOTAL D	
E1	NEW IDLER PULLEY	1	LS		
E2	REPLACE EXISTING IDLER PULLEY	1	LS		
E3	FAIRLEADS	1	LS		
E4	SKID PLATING	1	LS		
E5	ELECTRIC SHUT OFF VALVE, HEATER	1	LS		
E6	ELECTRIC BILGE PUMP SWITCH	1	LS		
E7	REPLACE BILGE PUMP	1	LS		
				SUBTOTAL E	
F1	RUST REMOVAL, INTERIOR	1050.00	SF		
F2	RUST REMOVAL, EXTERIOR	500.00	SF		
F3	PRIME AND PAINT, INTERIOR	1050.00	SF		
F4	PRIME AND PAINT, EXTERIOR ABOVE WATER LINE	450.00	SF		
	PRIME AND PAINT, EXTERIOR BELOW WATER LINE	2010.00	SF		
F5	PREP, PRIME, AND PAINT, DECKING	1650	SF		
				SUBTOTAL F	
				CONTRACT TOTAL	

Bidder Name: _____

CONTRACT NO. T201480201.02
WOODLAND FERRY REPAIRS
SOUTH DISTRICT
2014

Photograph 1



Photograph 2



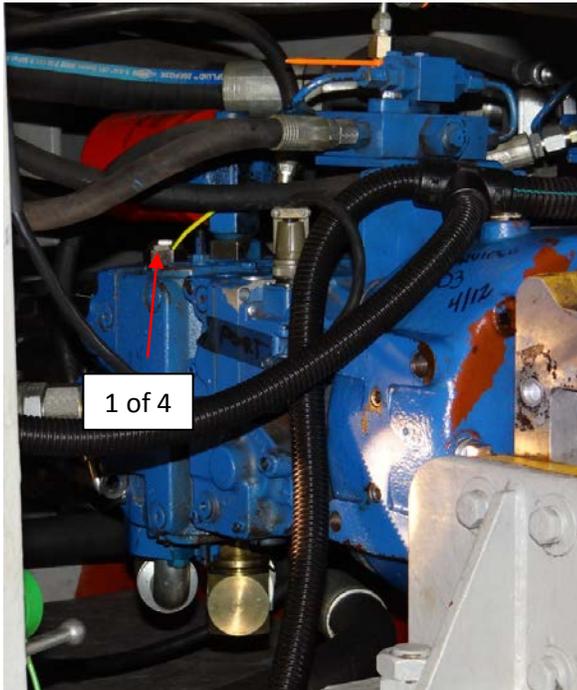
Photograph 3



Photograph 4

CONTRACT NO. T201480201.02
WOODLAND FERRY REPAIRS
SOUTH DISTRICT
2014

Photograph 5



Photograph 6



Photograph 7



CONTRACT NO. T201480201.02
WOODLAND FERRY REPAIRS
SOUTH DISTRICT
2014

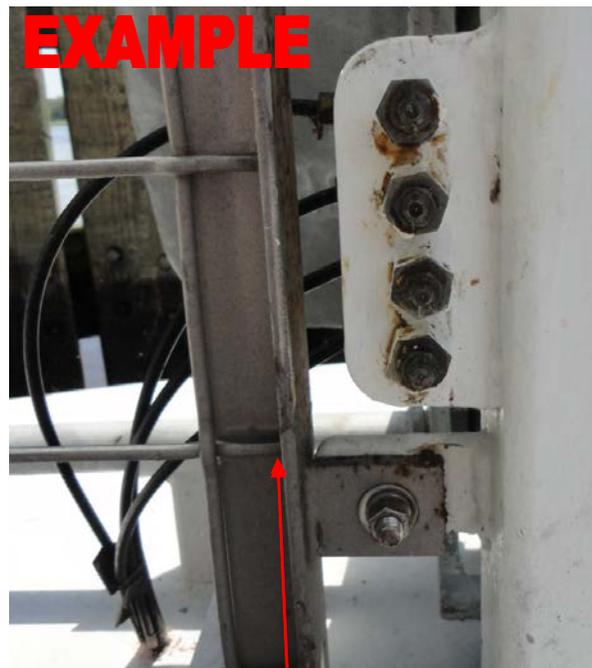
Photograph 8



Photograph 9



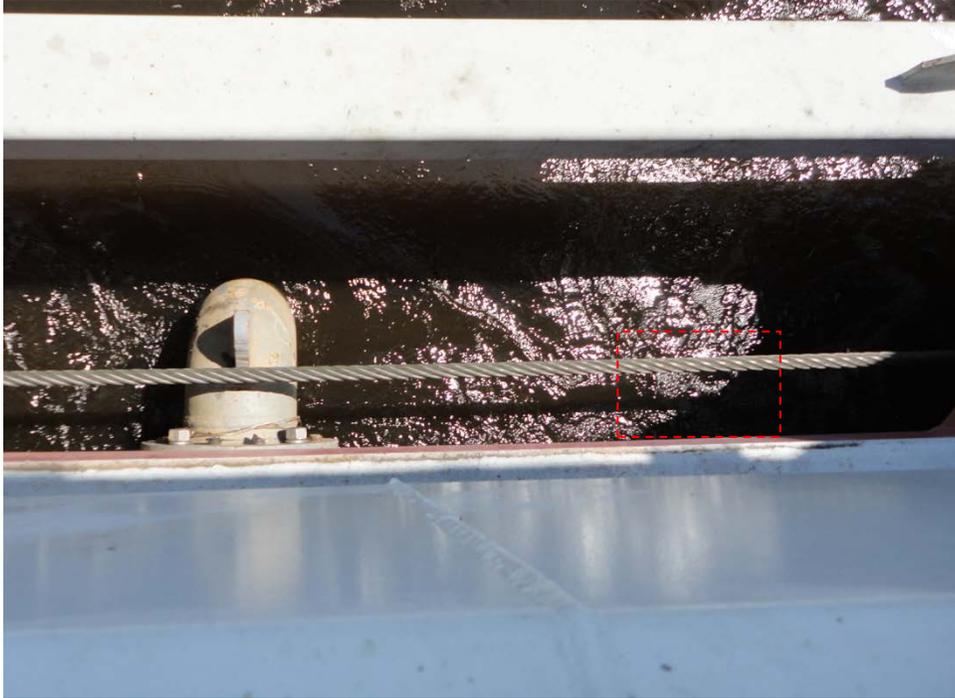
Photograph 10



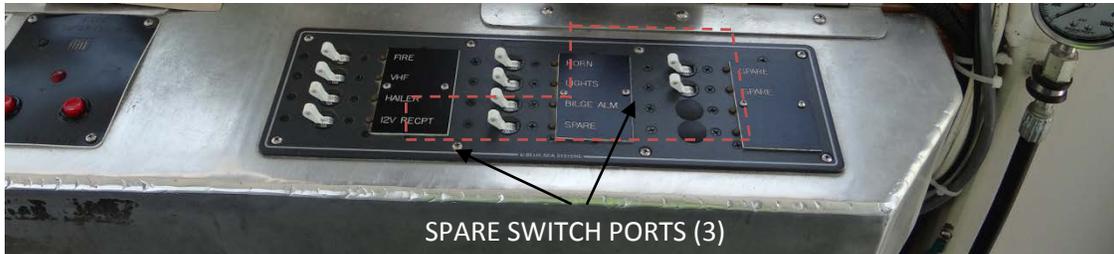
LINE BUSHING

CONTRACT NO. T201480201.02
WOODLAND FERRY REPAIRS
SOUTH DISTRICT
2014

Photograph 11



Photograph 12





United States of America
Department of Homeland Security
United States Coast Guard

Certification Date: 16 Oct 2008
Expiration Date: 16 Oct 2013
IMO Number:

Certificate of Inspection

Ex. Name NEW CONSTRUCTION

Vessel Name TINA FALLON Official Number 1206170 Call Sign WZH8028 Service Passenger (Inspected)

Hailing Port WOODLAND DE Hull Material Steel Horsepower 300 Propulsion Combination Types

Place Built SALISBURY, MD UNITED STATES Delivery Date 16Oct2008 Date Keel Laid Gross Tons R-49 Net Tons R-39 DWT Length R-64.8

Owner STATE OF DELAWARE 23697 DUPONT BLVD GEORGETOWN, DE 19947 UNITED STATES Operator STATE OF DELAWARE 23697 DUPONT BLVD GEORGETOWN, DE 19947 UNITED STATES

This vessel must be manned with the following licensed and unlicensed personnel. Included in which there must be 0 certified lifeboatmen, 0 certified tankermen, 0 HSC type rating, and 0 GMDSS Operators.

1 Master	0 Master & 1st Class pilot	0 Radio Officer(s)	0 Chief Engineer	0 QMED/Rating
0 Chief Mate	0 Mate & 1st Class Pilot	0 Able Seamen/ROANW	0 1st Asst. Engr/2nd Engr.	0 Oilers
0 2nd Mate/OICNW	0 Lic. Mate/OICNW	0 Ordinary Seamen	0 2nd Asst. Engr/3rd Engr.	
0 3rd Mate/OICNW	0 1st Class Pilot	1 Deckhands	0 3rd Asst. Engr.	
			0 Lic. Engr.	

In addition, this vessel may carry 48 passengers, 0 other persons in crew, 0 persons in addition to crew, and no others. Total persons allowed: 50

Route Permitted and Conditions of Operation:

---Rivers---

NANTICOKE RIVER: WOODLAND FERRY ROUTE CONNECTING BOTH SIDES OF HIGHWAY NO. 577 IN DELAWARE, UNDER REASONABLE OPERATING CONDITIONS, ON A TRIP LESS THAN 30 MINUTES IN DURATION.

VESSEL IS RESTRICTED TO OPERATING WITHIN 1000 FEET FROM SHORE AND DURING DAYLIGHT HOURS ONLY. VESSEL NOT EQUIPPED WITH NAVIGATION LIGHTS. WAIVER TO OPERATE WITHOUT NAVIGATION LIGHTS GRANTED BY SECTOR DELAWARE BAY.

SEE NEXT PAGE FOR ADDITIONAL CERTIFICATE INFORMATION

With this Inspection for Certification having been completed at Salisbury, MD, the Officer in Charge, Marine Inspection, BALTIMORE, MARYLAND certified the vessel, in all respects, is in conformity with the applicable vessel inspection laws and the rules and regulations prescribed thereunder.

Annual/Periodic/Quarterly Reinspections			
Date	Zone	A/P/Q	Signature
11/11/11	Lewes, DE	A	[Signature]
12/11/11	Lewes, D	A	[Signature]
04/08/12	Lewes	A	[Signature]

This certificate issued by:
[Signature]
B. K. PENOYER, CDR, USCG By Direction
Officer in Charge, Marine Inspection
BALTIMORE, MARYLAND
Inspection Zone



Certificate of Inspection

TINA FALLON

THE MINIMUM NUMBER OF CHILD-SIZE LIFE PRESERVERS REQUIRED IS FIVE. IF MORE THAN FIVE CHILDREN (OR PERSONS WEIGHING 90 POUNDS OR LESS) ARE CARRIED, ADDITIONAL CHILD-SIZE LIFE PRESERVERS SHALL BE CARRIED SO THAT THE VESSEL HAS AN APPROVED LIFE PRESERVER SUITABLE FOR EACH CHILD ONBOARD.

---Hull Exams---

Exam Type	Next Exam	Last Exam	Prior Exam
Drydock	22Jul2013	22Jul2008	-

---Stability---

Letter	Approval Date /	Office/
	17Oct2008	Marine Safety Center

---Lifesaving Equipment---

	Number	Persons		Required
Total Equipment for	50		Life Preservers(Adult)	50
Lifeboats(Total)	0	0	Life Preservers(Child)	50
Lifeboats(Port)*	0	0	Ring Buoys(Total)	1
Lifeboats(Starbd)*	0	0	With Lights*	1
Motor Lifeboats*	0	0	With Line Attached*	1
Lifeboats W/Radio*	0	0	Other*	2
Rescue Boats/Platforms	0	0	Immersion Suits	0
Inflatable Rafts	0	0	Portable Lifeboat Radios	0
Life Floats/Buoyant App	0	0	Equipped with EPIRB?	No

(* included in totals)

---Fire Fighting Equipment---

Number of Fireman Outfits/	0	Number of Fire Pumps/	1
----------------------------	---	-----------------------	---

Hose information

Qty	Diameter	Length
1	Other	50

Fixed Extinguishing Systems

Capacity	Agent	Space Protected
100	Carbon Dioxide	Engine Room

Fire Extinguishers - Hand portable and semi-portable

Qty	Class Type
1	A-II
1	B-I
2	B-II

END

SCALE IN FEET



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

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 77 WILMINGTON STREET
 SALISBURY, MD 21801 1-410-742-4800
 1-410-742-9899 FAX

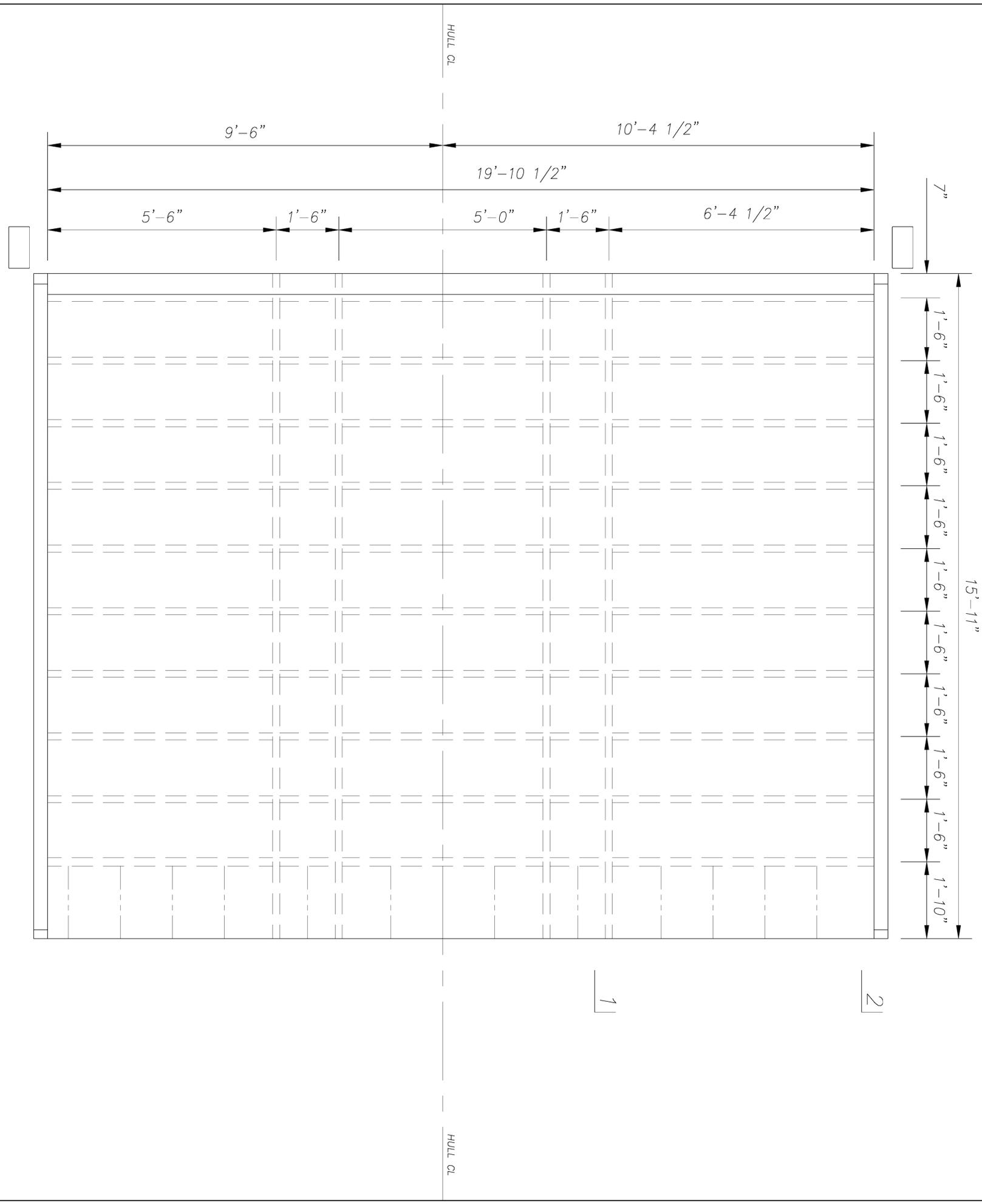
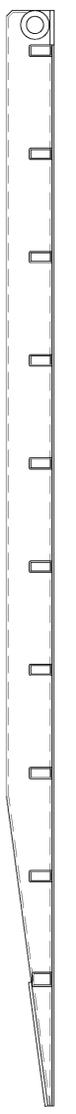
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64 FT CABLE FERRY - HULL 89
 DELDOT - WOODLAND DE

GENERAL SCANTLINGS
 TYP TRANS WEB FR
 & HULL LG STIFFS

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

DWG #: CS-64FY-21



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 DELDOT - WOODLAND DE

GENERAL SCANTLINGS
 TYP TRANS WEB FR
 & HULL LG STIFFS

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

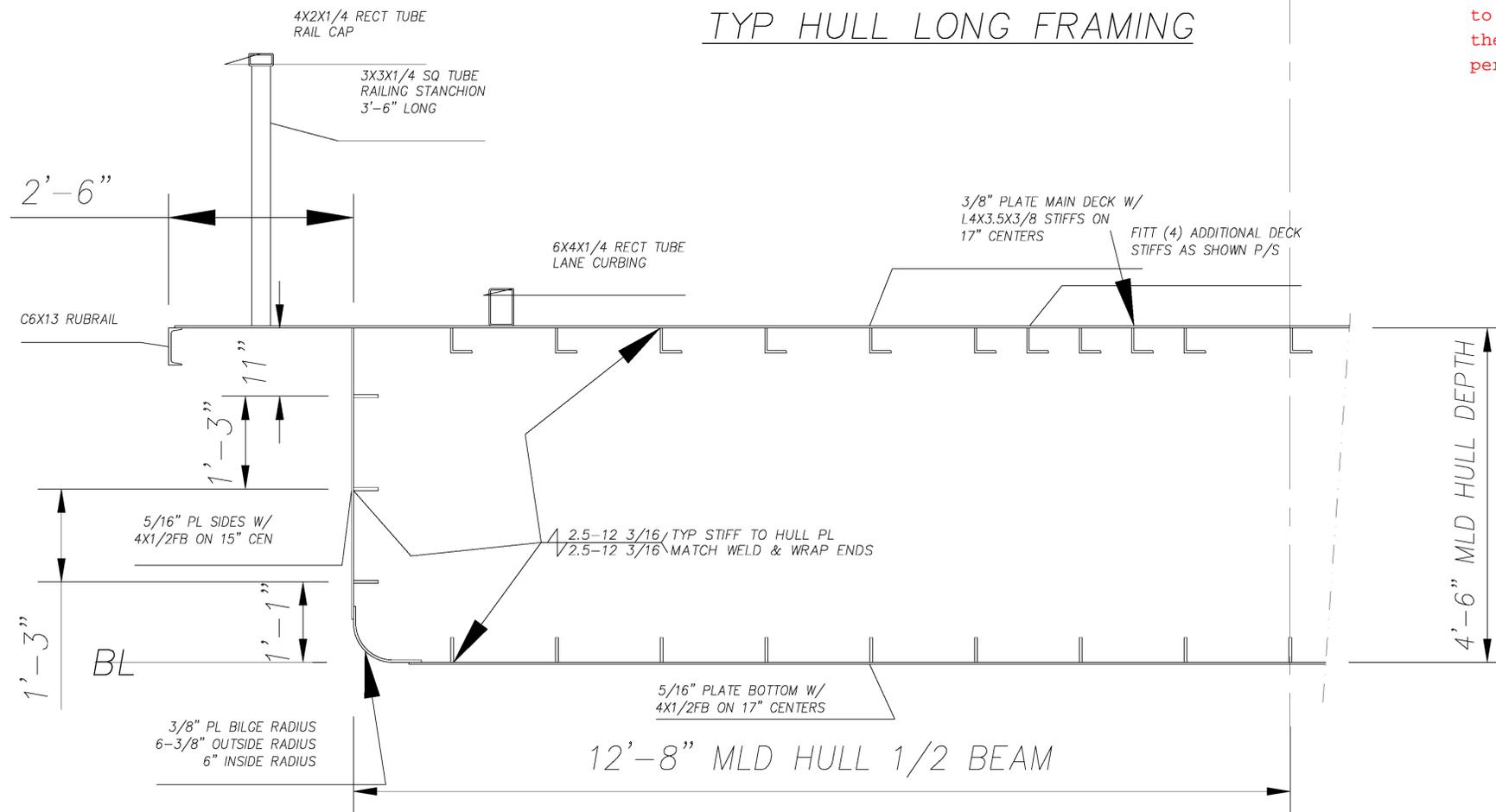
DWG #: CS-64FY-21

SCALE IN FEET

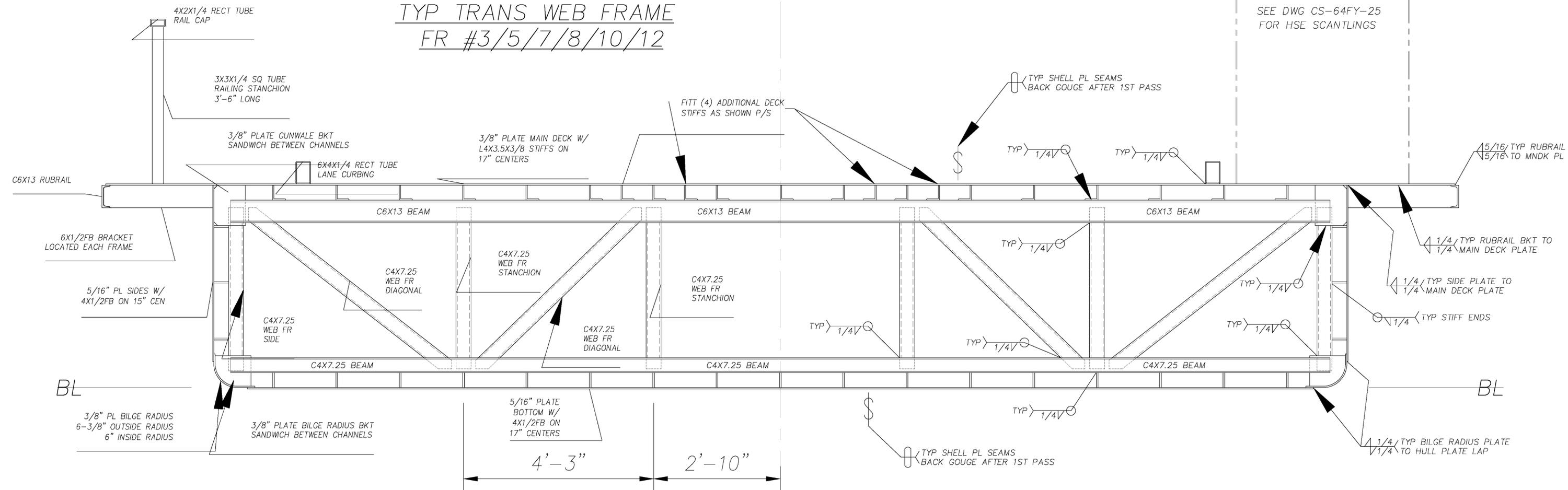


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TYP HULL LONG FRAMING



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



SEE DWG CS-64FY-25 FOR HSE SCANTLINGS

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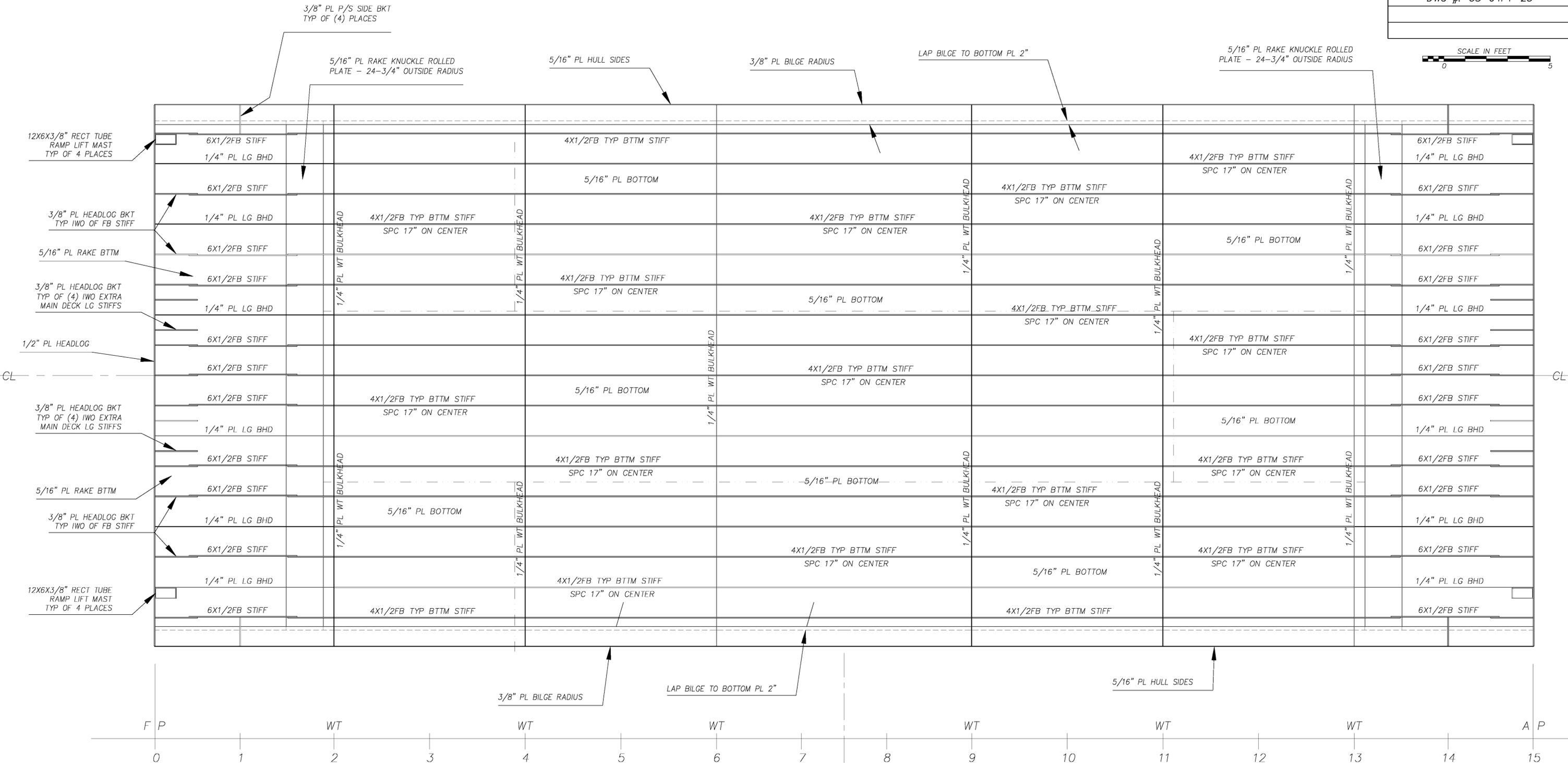
64 FT CABLE FERRY - HULL 89
 DELDOT - WOODLAND DE

GENERAL SCANTLINGS
 HULL BOTTOM PLAN
 GENERAL LAYOUT

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

DWG #: CS-64FY-23

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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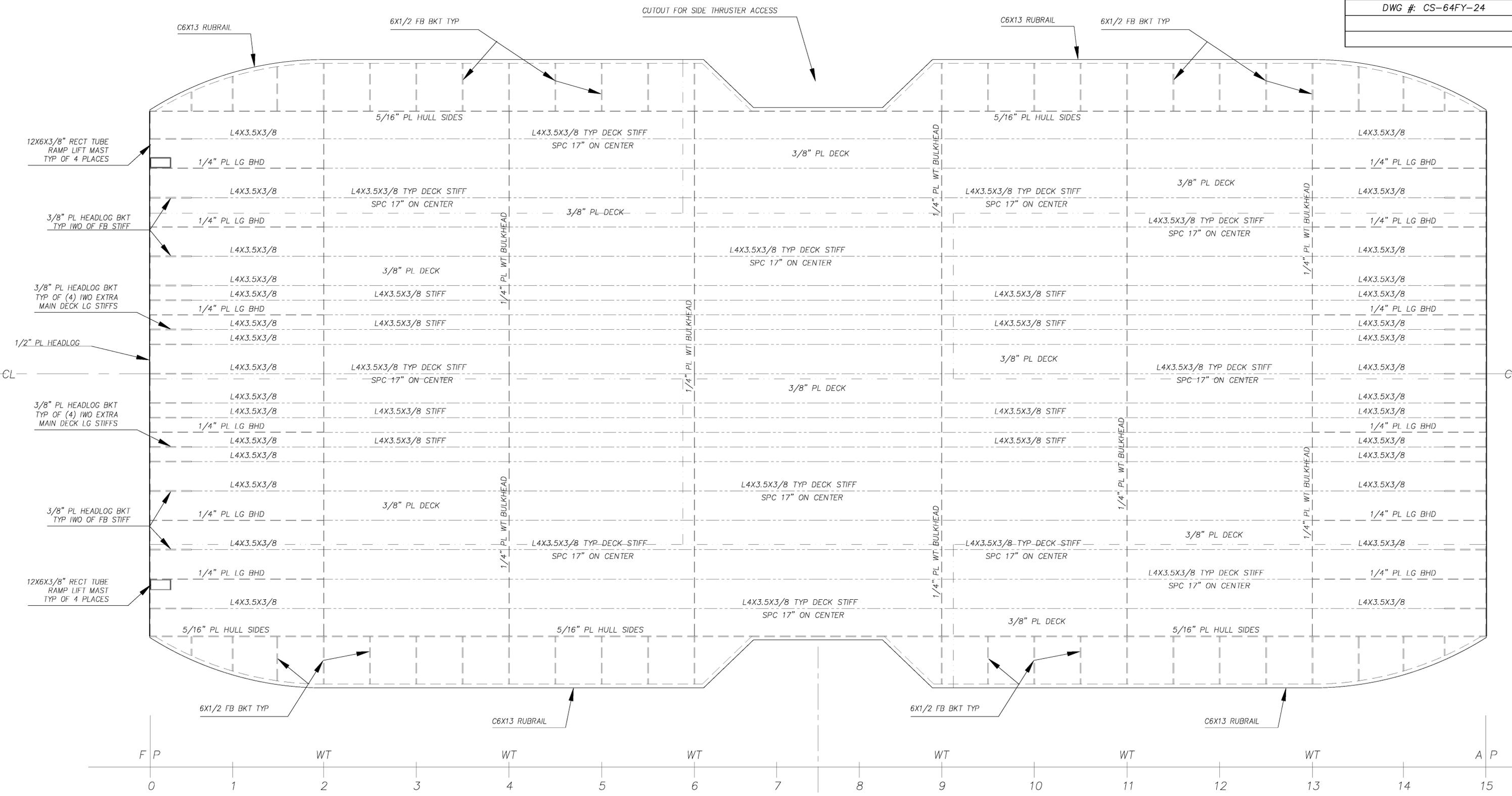
64 FT CABLE FERRY - HULL 89
DELDOT - WOODLAND DE

GENERAL SCANTLINGS
MAIN DECK PLAN
GENERAL LAYOUT

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

DWG #: CS-64FY-24

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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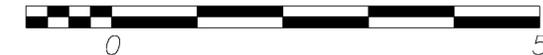
64 FT CABLE FERRY - HULL 89
 DELDOT - WOODLAND DE

GENERAL SCANTLINGS
 MAIN DECK HOUSE
 SIDE BHD SEC 1-1

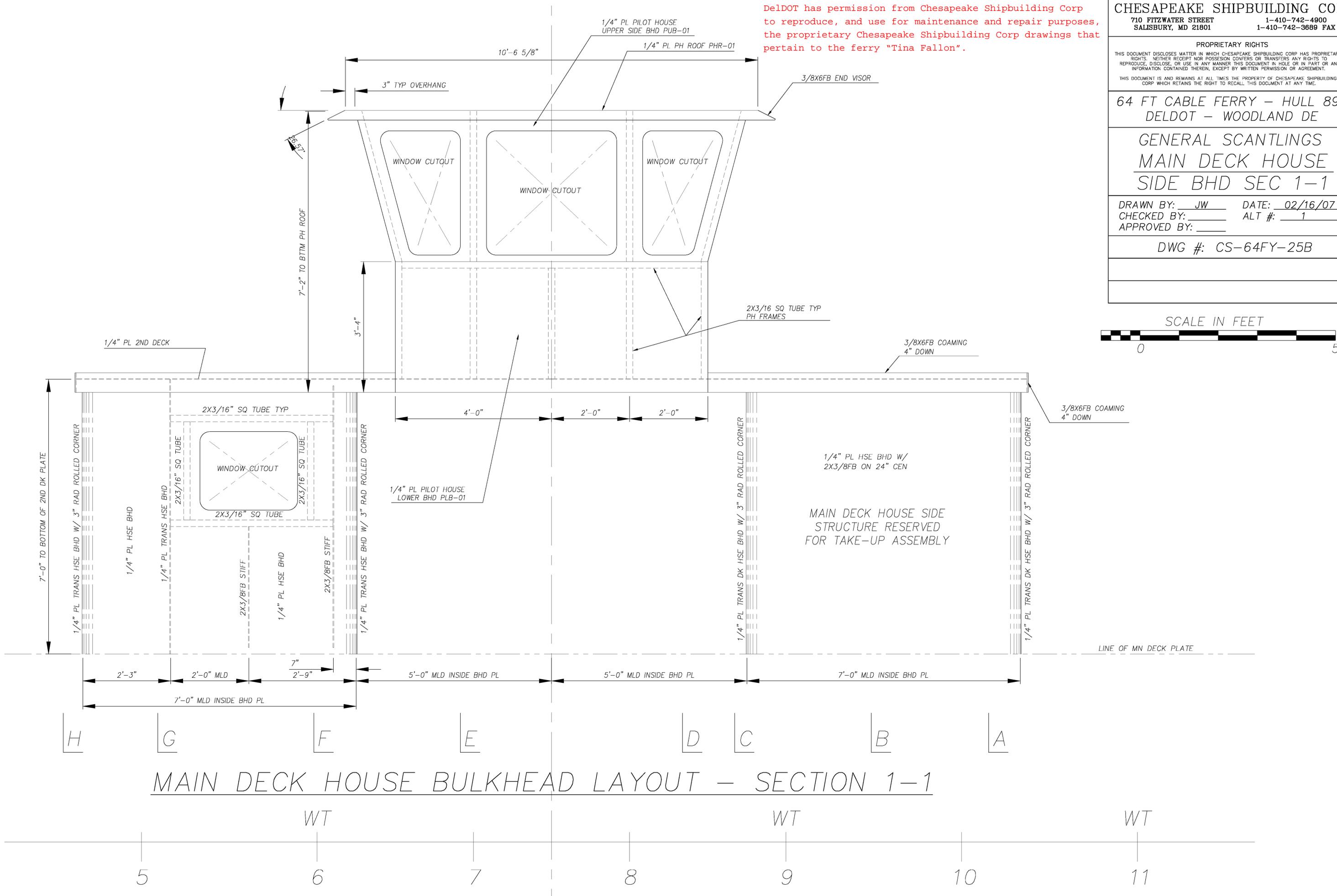
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 CHECKED BY: ALT #: 1
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DWG #: CS-64FY-25B

SCALE IN FEET



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MAIN DECK HOUSE BULKHEAD LAYOUT - SECTION 1-1

WT

WT

WT

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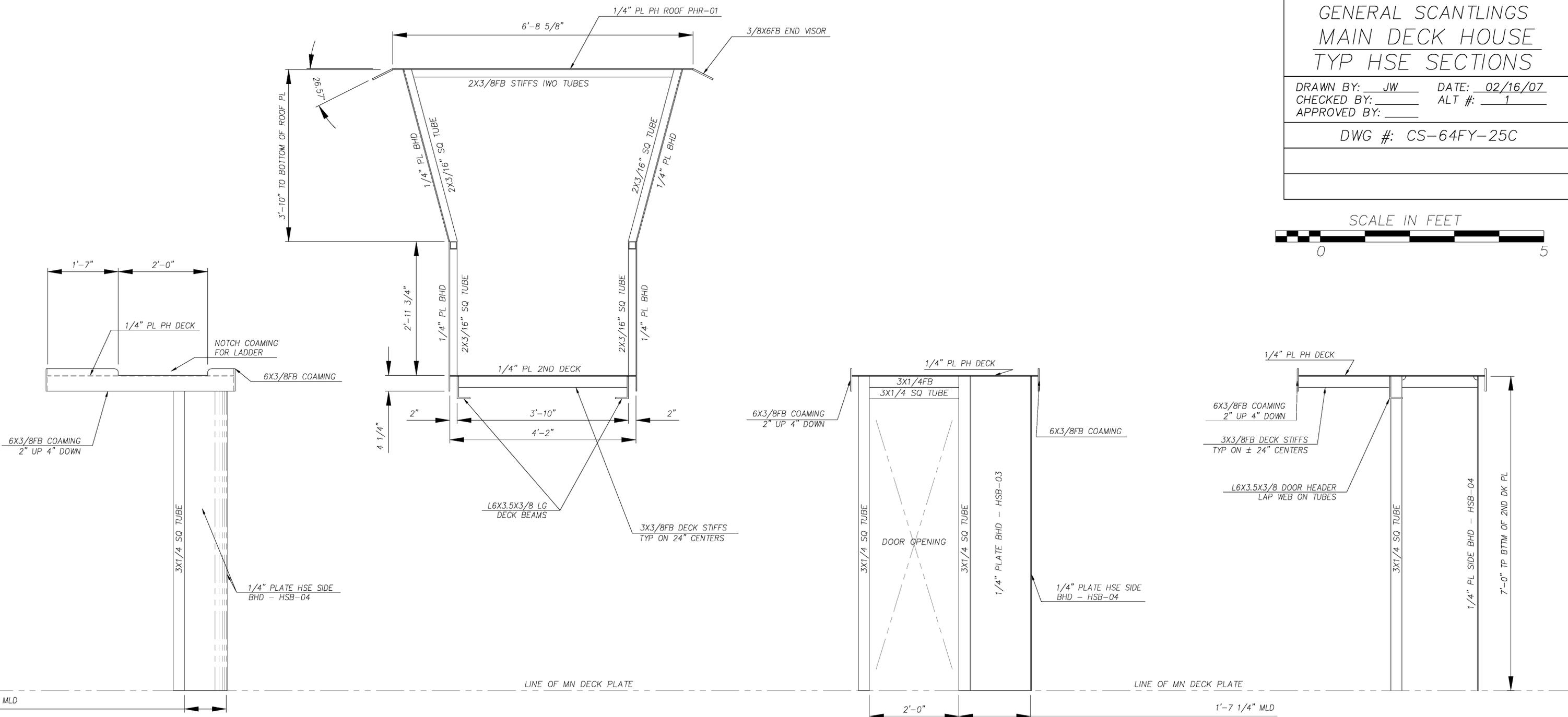
64 FT CABLE FERRY - HULL 89
 DELDOT - WOODLAND DE

GENERAL SCANTLINGS
 MAIN DECK HOUSE
 TYP HSE SECTIONS

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

DWG #: CS-64FY-25C

SCALE IN FEET



SEC H-H

SEC E-E

SEC G-G

SEC B-B

CERTIFICATION
Contract No. T201480201.02

The undersigned bidder, _____ whose address is _____
_____ and telephone number is _____
_____ hereby certifies the following:

I/We have carefully examined the location of the proposed work, the proposed plans and specifications, and will be bound, upon award of this contract by the Department of Transportation, to execute in accordance with such award, a contract with necessary surety bond, of which contract this proposal and said plans and specifications shall be a part, to provide all necessary machinery, tools, labor and other means of construction, and to do all the work and to furnish all the materials necessary to perform and complete the said contract within the time and as required in accordance with the requirements of the Department of Transportation, and at the unit prices for the various items as listed on the preceding pages.

The foregoing quantities are considered to be approximate only and are given as the basis for comparison of bids. The Department of Transportation may increase or decrease the amount of any item or portion of the work as may be deemed necessary or expedient. Any such increase or decrease in the quantity for any item will not be regarded as a sufficient ground for an increase or decrease in the unit prices, nor in the time allowed for the completion of the work, except as provided in the contract.

Accompanying this proposal is a surety bond or a security of the bidder assigned to the Department of Transportation, for at least ten (10) percentum of total amount of the proposal, which deposit is to be forfeited as liquidated damages in case this proposal is accepted, and the undersigned shall fail to execute a contract with necessary bond, when required, for the performance of said contract with the Department of Transportation, under the conditions of this proposal, within twenty (20) days after date of official notice of the award of the contract as provided in the requirement and specifications hereto attached; otherwise said deposit is to be returned to the undersigned.

I/We are licensed, or have initiated the license application as required by Section 2502, Chapter 25, Title 30, of the Delaware Code.

By submission of this proposal, each bidder and each person signing on behalf of any bidder, certifies as to its own organization, under penalty of perjury, that to the best of each signer's knowledge and belief:

1. The prices in this proposal have been arrived at independently without collusion, consultation, communication, or Agreement with any other bidder or with any competitor for the purpose of restricting competition.
2. Unless required by law, the prices which have been quoted in this proposal have not been knowingly disclosed and will not knowingly be disclosed by the bidder, directly or indirectly, to any other bidder or competitor prior to the opening of proposals.
3. No attempt has been made or will be made by the bidder to induce any other person, partnership, or corporation to submit or not to submit a proposal for the purpose of restricting competition.

I/We acknowledge receipt and incorporation of addenda to this proposal as follows:

No.	Date								
-----	------	-----	------	-----	------	-----	------	-----	------

(BIDDERS MUST ACKNOWLEDGE RECEIPT OF ALL ADDENDA.)

Sealed and dated this _____ day of _____ in the year of our Lord two thousand and _____
(20__).

Name of Bidder (Organization)

Corporate
Seal

By: _____
Authorized Signature

Attest _____

Title

SWORN TO AND SUBSCRIBED BEFORE ME this ____ day of _____, 20 ____.

Notary
Seal

Notary

BID BOND
TO ACCOMPANY PROPOSAL
(Not necessary if security is used)

KNOW ALL MEN BY THESE PRESENTS That: _____
of _____ in the County of _____ and State of _____
as **Principal**, and _____ of _____ in the
County of _____ and State of _____ as **Surety**, legally authorized to do business in the State of
Delaware ("**State**"), are held and firmly unto the **State** in the sum of _____
Dollars (\$ _____), or _____ percent not to exceed _____
Dollars (\$ _____) of amount of bid on Contract
No. T201480201.02, to be paid to the **State** for the use and benefit of its Department of Transportation
("**DelDOT**") for which payment well and truly to be made, we do bind ourselves, our and each of our heirs,
executors, administrators, and successors, jointly and severally for and in the whole firmly by these presents.

NOW THE CONDITION OF THIS OBLIGATION IS SUCH That if the above bounden **Principal**
who has submitted to the **DelDOT** a certain proposal to enter into this contract for the furnishing of certain
materiel and/or services within the **State**, shall be awarded this Contract, and if said **Principal** shall well and
truly enter into and execute this Contract as may be required by the terms of this Contract and approved by
the **DelDOT**, this Contract to be entered into within twenty days after the date of official notice of the award
thereof in accordance with the terms of said proposal, then this obligation shall be void or else to be and
remain in full force and virtue.

Sealed with _____ seal and dated this _____ day of _____ in the year of our Lord two thousand and
_____ (20__).

SEALED, AND DELIVERED IN THE
presence of

Name of Bidder (Organization)

Corporate
Seal

By: _____
Authorized Signature

Attest _____

Title

Name of **Surety**

Witness: _____

By: _____

Title