

NOTICE TO CONTRACTORS

TOWN OF CASTINE, MAINE – REQUEST FOR BIDS

The Town of Castine seeks bids for Phase Two of new handrail at Castine Town Dock. Bid packages are available on the Town website (www.castine.me.us), by email (townoffice@castine.me.us) and at the Town Office. Bids are due by 12:00 noon, Friday, October 21, 2017.



CASTINE MAINE U.S.A.

BID FORM

2017 TOWN DOCK IMPROVEMENTS

PLEASE ENTER AN AMOUNT FOR EACH OF THE FOLLOWING BID ITEMS:

BID ITEM 1: Lump-sum amount to furnish all labor, material, fasteners, equipment and incidentals required to replace the dock railing as described in the attached Project Information packet.

\$ _____ LUMP SUM

BID ITEM 2: Unit price amount to furnish all labor, material, fasteners, equipment and incidentals required to remove existing and replace decking as described in the attached Project Information packet.

38 LINEAL FEET OF 3"X8" DECKING AT \$ _____ /LF

7 LINEAL FEET OF 3"X6" DECKING AT \$ _____ /LF

The Town of Castine reserves the right to reject any or all bids, waive any or all formalities and to award the project to a firm other than the low bidder, if it deems any of these actions to be in the best interest of the Town.

FIRM: _____

ADDRESS: _____

CONTACT: _____ EMAIL: _____

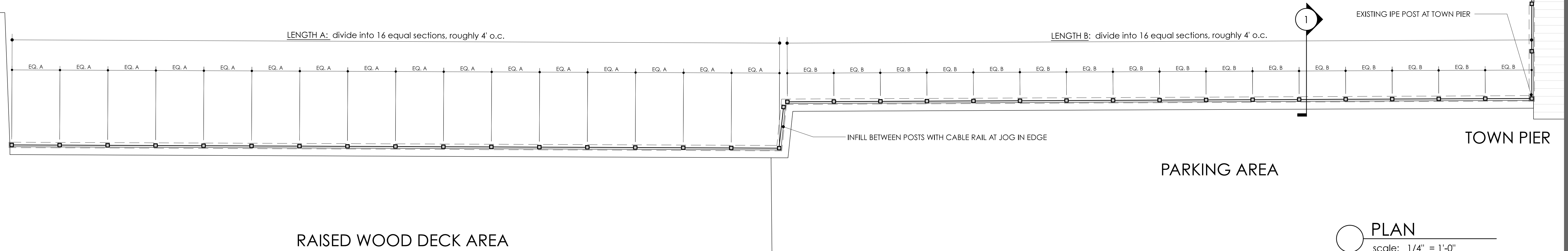
TELEPHONE #: _____ EMERGENCY TELEPHONE #: _____

FEDERAL TAX ID# OR SSAN: _____

SIGNATURE: _____ DATE: _____

GENERAL CONSTRUCTION NOTES:

1. ALL DIMENSIONS ARE APPROXIMATE. THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS IN THE FIELD.
2. THE CONTRACTOR IS TO LET THE ENGINEER KNOW OF ANY DISCREPANCIES OR CONDITIONS THAT WILL PREVENT ACCOMPLISHING THE COMPLETE PROJECT.
3. ALL EXPOSED FASTENERS AND FITTINGS ARE TO BE STAINLESS STEEL GRADE 316 UNLESS OTHERWISE SPECIFIED.
4. PROVIDE AND SECURE TEMPORARY HANDRAILS AS EXISTING RAILS ARE REMOVED AND UNTIL NEW HANDRAIL WORK IS COMPLETED AND ACCEPTED.
5. ALL WORK IS TO BE CARRIED OUT IN A WORKMANLIKE MANNER. THE RAIL SYSTEM IS A HIGH QUALITY PRODUCT AND EVERY EFFORT IS TO BE MADE TO COMPLETE THE PROJECT WITH ALL CABLES BEING PARALLEL AND IN PROPER ALIGNMENT. ALL POSTS ARE TO BE PLUMB IN BOTH DIRECTIONS AND CENTERED ON A LINE DRAWN BETWEEN THE END POST'S CENTERLINE.
6. WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE LATEST OSHA GUIDELINES.
7. KEEP THE WORK AREA FREE OF LOOSE DEBRIS AND REMOVE ALL RUBBISH FROM THE SITE ON A DAILY BASIS.



PLAN
scale: 1/4" = 1'-0"

CABLE-RAIL NOTES:

1. THE CABLE-RAIL SYSTEM IS TO BE THE "STANDARD ASSEMBLY" FOR WOOD POSTS AND WITH ALL PARTS OF STAINLESS STEEL 316 GRADE
2. THE CABLE IS $\frac{3}{8}$ " DIAMETER 1x19 SS WIRE ROPE 316 GRADE
3. THE CABLE SPACING IS TO BE 3" o.c.
4. SPACE THE CABLES SUCH THAT AT THE OUTSIDE CORNER ENDPOSTS, CABLES COMING FROM THE TWO DIFFERENT DIRECTIONS ARE OFFSET BY $\frac{1}{2}$ "
5. THREADED TERMINAL ENDS ARE TO BE $7\frac{1}{2}$ " LONG WITH FLAT WASHER AND "SNUG-GRIP NUT" COVERED WITH A SS DOME CAP
6. "QUICK CONNECT" END FITTINGS ARE TO FIT INTO A COUNTERBORED END POSTS WITH A FLAT WASHER. AFTER THE INSTALLATION THE CABLE IS TO BE CUT FLUSH AND COVERED WITH A SS DOME CAP
7. FOLLOW THE CABLE-RAIL "STEP-BY-STEP" INSTALLATION GUIDE FOR WOOD FRAMES.
8. OBSERVE MANUFACTURER'S RECOMMENDATIONS FOR MAXIMUM LENGTH OF CABLE RUN. PROVIDE INTERMEDIATE CABLE TERMINATIONS AS NECESSARY. CENTER TERMINATIONS ON OVERALL SPAN BETWEEN CORNER POSTS WHEN RECOMMENDED MAXIMUM LENGTH IS EXCEEDED.

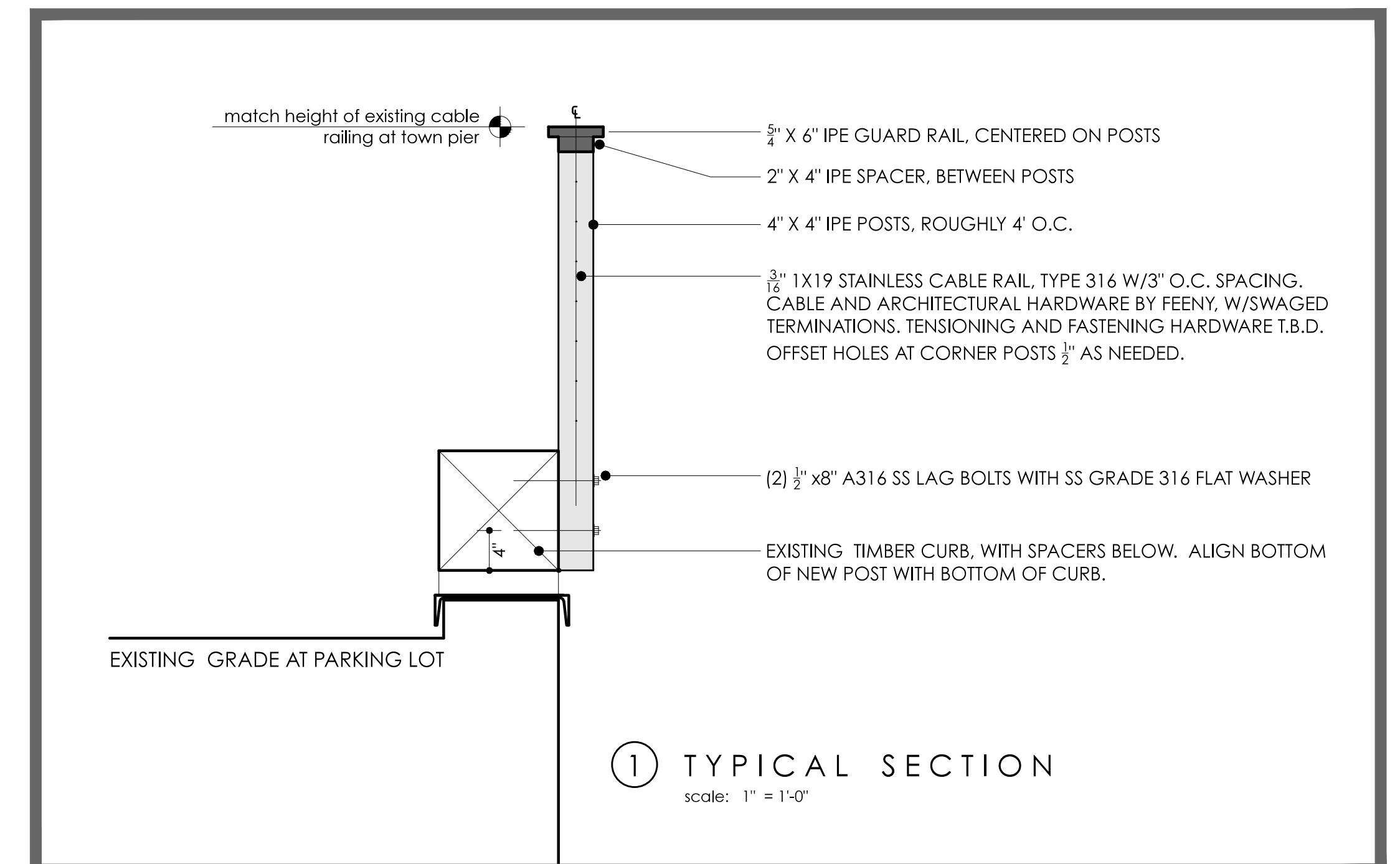
ATTACHMENT OF CAP RAIL, SUB-CAP RAIL AND TOEBOARD:

ATTACH 2" x 4" SUB-CAP RAIL TO POSTS WITH TWO # 10 x 2 $\frac{1}{2}$ " SS POCKET SCREWS FROM THE UNDER SIDE OF THE SUB RAIL.

ATTACH THE $\frac{5}{8}$ " x 6" CAP- RAIL WITH 3M'S 5200 MARINE ADHESIVE AND TWO $\frac{1}{4}$ " x 4" GRK RSS SCREWS INTO THE TOP OF POSTS. COUNTER BORED HOLES FOR GRK SCREWS AND AFTER SETTING SCREWS, GLUE IPE PLUGS AND SHAVE FLUSH THEN SAND SMOOTH. ALL BUTT SPLICES OF CAP RAIL ARE TO BE MADE AT THE MID-POINT OF THE SUB-CAP RAILS. EASE AND SAND EDGES OF THE CAP-RAIL.

ATTACH SUB-RAIL TO CAP-RAIL WITH 3M'S 5200 MARINE ADHESIVE AND SS #10 x 2 $\frac{1}{2}$ " SCREWS @ 8" o.c. FROM THE UNDERNEATH SIDE OF THE SUB-RAIL. STAGGER THE SCREWS FROM CENTERLINE $\frac{3}{8}$ " AND PROVIDE TWO SCREWS AT EACH END. PROVIDE TWO SCREWS AT BOTH SIDES OF TOP RAIL BUTT JOINTS.

ATTACH THE TOEBOARD TO POSTS WITH THREE POCKET SCREWS THROUGH THE OUTSIDE FACE OF EACH END. FILL EACH POCKET HOLE WITH AN IPE PLUG. SHAVE FLUSH AND SAND SMOOTH. INSTALL A GRK "PHEINOX" $\frac{1}{4}$ " x 4" RSS SCREW @ 8" o.c. ALONG THE TOEBOARD THROUGH THE OUTSIDE FACE INTO THE CENTER OF THE 3"x8" DECKING. SHIM BETWEEN THE DECKING ENDS AND THE TOEBOARD AS NECESSARY TO KEEP THE TOEBOARD STRAIGHT.



1 TYPICAL SECTION
scale: 1" = 1'-0"