



**ALASKA RAILROAD CORPORATION**  
**327 W. Ship Creek Ave.**  
**Anchorage, AK 99501**

January 30, 2017

**Request for Quote #17-75-205494**

The Alaska Railroad Corporation (ARRC) is soliciting bid from interested concerns for the following:

**ARRC 655 AND 656 PASSENGER CAR FLOORING REPLACEMENT**

**Sealed or emailed quotes will be received at:** Alaska Railroad Corporation  
327 West ship Creek Ave.  
Anchorage, AK 99501

[Goemerg@akrr.com](mailto:Goemerg@akrr.com)

**Until 3:00 p.m. February 14.** The envelope or email used in submitting your offer shall be plainly marked with the following information;

- a.) Offeror's Name
- b.) Date and time schedule for receipt of offer
- c.) Project title

**IMPORTANT:** ARRC may award a contract resulting from this solicitation to the responsive bidder whose bid conforming to this solicitation will be the most advantageous to the ARRC. ARRC may reject any or all offers if such action is in the best interest of ARRC, and waives informalities and minor irregularities in offers received. Any resulting contract from this solicitation shall incorporate the Standard Instructions, and General Terms and Conditions incorporated in this solicitation.

**PRE-BID/Site Visit: Pre-Bid /Site Visit:** A pre-bid conference and site visit will be held on **February 7 at 10:00 AM** (sharp), local time. Interested bidders will meet at the Alaska Railroad General Office Building, at 327W.Ship Creek Ave, Anchorage.. All Contractors will sign-in at the pre-bid conference and once the conference is completed will proceed to the Job Site. **Please dress appropriately for weather and safety; hardhats, safety glasses and steel toe boots.**

A bidder's failure to visit the work site will in no way relieve the bidder of the responsibility of performing the work in strict compliance with the true intent and meaning of the terms, conditions and specifications of this RFQ.

**REQUIRED CONTRACT PROVISIONS FOR FEDERAL-AID CONTRACTS (Revised 8/22/10)**  
can be found at <http://www.akrr.com/arcc4.html>

**Federal Grant Funds - Federal Transportation Administration (FTA)** Work associated to this contract is funded by funds from the Federal Railroad Administration (FTA) and the Alaska Railroad Corporation (ARRC). It is the sole responsibility of the Contractor to determine which designated provisions are applicable to this project. Please note that there are also many federal provisions that must be inserted in your contracts with subcontractors.

If a bidder attaches additional terms and conditions as part of the bid, such attachments must be accompanied by a disclaimer stating that in the event of conflict between the terms and conditions of this Invitation to Bid and the terms and conditions of the bidder/contractor, the terms and conditions of the Invitation to Bid will prevail. Lease agreements shall be reviewed by ARRC Contracts department.

This solicitation is not to be construed as a commitment of any kind nor does it commit the ARRC to pay for any costs incurred in the submission of an offer or for any other incurred cost prior to the execution of a formal contract. Please direct all responses and/or questions concerning this solicitation to Greg Goemer, Alaska Railroad Corporation, Contracts Department, 327 Ship Creek Avenue, Anchorage, Alaska 99501, telephone number (907) 265-2593, [goemerg@akrr.com](mailto:goemerg@akrr.com)



The Alaska Railroad is a member of Green Star (<http://www.greenstarinc.org/>). ARRC earned an initial Green Star Award in 1994 and a Green Star Air Quality Award in 2007. The Alaska Railroad considers Green Star membership to be a positive business attribute, and regards a Green Star award as a tangible sign of an organization's commitment to environmental stewardship and continual improvement within its operations.

**ARRC Disadvantaged Business Enterprise (DBE) Program:** ARRC is an equal opportunity corporation that encourages the participation of DBEs as prime contractors and subcontractors on its contracts funded in whole or in part by the Federal Transit or Federal Highway Administrations. The ARRC currently has a 100% race-neutral DBE program and does not set DBE goals on individual contracts. Nonetheless, the ARRC aspires to achieve an overall DBE participation of 3.8% in FY 2017. For questions or additional information, please contact Ann Courtney at [courtneya@akrr.com](mailto:courtneya@akrr.com).

Best regards,

*Greg Goemer*

Sr. Contract Administrator

## REQUIRED DOCUMENTS

**REQUIRED FOR BID.** Bids will not be considered if the following documents are not completely filled out and submitted at the time of bidding:

1. Cost Schedule
2. Bidder's Questionnaire - [Form 395-0136]

**REQUIRED FOR AWARD.** In order to be awarded the contract, the successful bidder must completely fill out and submit the following documents within the time specified in the intent to award letter:

1. Certificate of Insurance - [from Insurance Carrier]
2. Business and Contractors License
3. Design Submittal
4. Signed Contract / Purchase Order (ARRC Issued)

Form 395-0128 (12/99)

## SCOPE OF WORK

### **CARS 655 and 656**

Work required under this contract is described in the subsequent sections and is more particularly delineated in the Drawings, and includes the providing of all labor, equipment, tools, and materials required to remove existing floor finishes and install new owner provided ceramic tile and carpet, both modular and broadloom, on the upper level of two passenger coaches

The work will require removal of existing flooring and the cleaning and preparation of the subfloor as per the manufacturer's recommendations and instructions.

The contractor will be required to carefully remove and catalogue the seats, fintube covers, transitions and trim for reinstallation. All trim and fasteners should be reused when possible or replaced in-kind.

Contractor will furnish all labor and flooring materials except as otherwise noted including all manufacturer recommended pre-cleaning products, solvents, primers, grout and adhesives.

The attached technical data sheet, Laticrete TDS 146, is provided as basis for installation of the ceramic tile. Equivalent methods and materials will be considered by the owner but will need to be preapproved by the ARRC.

Also included is the replacement of the aisle carpet on the lower level of these two coaches. This work is not shown in the drawings. CPT1 will be used to replace the existing.

These cars are presently stored outside at ambient temperatures but will be brought into the car shop February 27, 2017 and remain in the shop for three weeks. All installation work is to be completed in this period and not later than **March 20, 2017**.

Job related waste may be disposed of at existing Alaska Railroad trash receptacles.

### **Safety**

Hard hats, safety glasses, hearing protection, and work boots are required in Alaska Railroad shops. Work inside passenger cars does not require hard hats be worn. Contractor will be required to coordinate daily, prior to beginning work, with Alaska Railroad car shop supervisor for track protection (protection from moving railcars).

### **Expectations**

1. Contractor will coordinate with Alaska Railroad employees working in area.
2. Image is very important in regards to our passenger cars. Alaska Railroad expects a professional flooring installation.

### **Work Schedule**

Access to the shops outside of Monday thru Friday, 6 AM to 4 PM will require contractor complete an application for Alaska Railroad magnetic key and prior coordination for track protection. If the key is lost, the contractor will be required to pay for the key.

## **ARRC Furnished Materials and services**

Carpets (some at Alaska Railroad warehouse), ceramic tile, seat base trip plates, aluminum exit path marking trim and glow strip material. The broadloom carpet will need to be cut at the warehouse and transported to the work site by the contractor.

Car basic electricity at tracks located directly outside of the Car Shop.

Inside heated space for not less than two cars at one time for the flooring installation and cure process.

Restroom and hand wash facilities are available.

## **SECTION 09300 - CERAMIC TILE**

### **PART 1 - GENERAL**

#### **1.1 DESCRIPTION**

- A. Furnish all labor, materials, tools, equipment and services necessary for and reasonably incidental to complete the tile work as shown on the drawings or specified.

#### **1.2 REFERENCE STANDARDS**

- A. Comply with current editions and applicable Specifications of the following:
  - 1. American Society for Testing and Materials (ASTM).
  - 2. American National Standards Institute (ANSI).
  - 3. Tile Council of America (TCA) Handbook for Ceramic Tile Installation.

#### **1.3 QUALITY ASSURANCE**

- A. Tile contractor, by commencing the work of this section, assumes overall responsibility to assure that all assemblies, components and parts shown or required within the work of this section comply with contract documents and are compatible with each other and with the conditions and expected use.
- D. Installer Qualification: Engage an installer with a minimum of five (5) commercial tile installations similar in material, design and scope to that indicated.
- E. Pre-Installation Meeting: Prior to tile installation, conduct a pre-installation project meeting. Contractor, Subcontractor, and Owner representative shall be notified of the meeting.

#### 1.4 SUBMITTALS

A. Verification Samples: Submit the following for each type, color, size, and finish included in the work.

1. Grout color samples.

2. Sealant color samples or Prefabricated Joint/Transition Strip Samples

B. Product and Installation Data:

1. Mortar and grout manufacturer's technical data sheets indicating suitability for the installation specified and compliance with applicable standards.

2. Sealant or prefabricated joint manufacturer's product and technical data.

#### 1.5 ENVIRONMENTAL

A. Comply with requirements of referenced standards and recommendations of material manufacturers for environmental conditions before, during and after installation.

B. Maintain environmental conditions and protect work during and after installation to comply with referenced standards and manufacturer's printed recommendations.

C. Maintain minimum and maximum temperature limits as recommended by manufacturers.

D. Protect adjacent surfaces during progress of the work in this section.

E. Illuminate the work area during installation providing similar level and angle of illumination as will be available in use.

### PART 2 - PRODUCTS

#### 2.1 GENERAL REQUIREMENTS

A. Comply with ANSI Standard for Tile Installation Material and current Tile Council of America Handbook for products and materials indicated for setting and grouting.

#### 2.2 SETTING AND GROUTING MATERIALS:

A. Use appropriate installation mortars according to ANSI A118-1999 series or A136.1-1999.

B. Use grout per ANSI A118.3, A118.5, A118.6 A118.7 or A118.8-1999.

## 2.3 EXPANSION JOINTS, CONTROL, CONTRACTION, AND ISOLATION JOINTS:

- A. Refer to most current TCA Handbook, Method EJ171-16 for recommendations on locating, treating and detailing various types of construction joints. NOTE: Architect must specify type of expansion joints and show location and details on drawings.
- B. Use sealant complying with ASTM C920 according to Type, Grade, Class and Uses required.
- C. Provide threshold trim strips or other edging material where tile terminates at dissimilar finishes as shown or specified.
- D. Prefabricated expansion joints can also be used when suitable for installation.

## PART 3 – EXECUTION

### 3.1 EXAMINATION

- A. Examine substrates where tile will be installed for compliance with requirements for installation tolerances and other conditions effecting performance of installed tile. Verify that substrates for setting tile are well cured, structurally sound dry, clean, and free from oil or waxy films, curing compounds or other coatings and surface treatments.
- B. Do not proceed with installation until unsatisfactory conditions have been corrected. Commencement of work signifies acceptance of substrate and installation conditions.

### 3.2 PREPARATION

- A. Substrate Preparation: Prepare and clean substrate in accordance with installation standards and manufacturer's instructions, and as follows:
  - 1. Repair, fill, and level cracks, holes, depressions and rough or chipped areas in substrate using patching material recommended by setting materials manufacturer.
  - 3. Ensure that the substrate is within the following tolerances:
    - a. Horizontal surfaces (floors) - Maximum variation in substrate shall not exceed 1/8" in ten feet from required plane, depending on substrate.
    - b. Vertical surfaces (walls) - Maximum variation in substrate shall not exceed 1/8" in ten feet from the required plane, depending on substrate.
- B. Jobsite Blending: Blend tiles before installing in accordance with reference standards to produce an even range and distribution of color and finish.

### 3.3 INSTALLATION

- A. Manufacturers' Instructions: Perform work in compliance with standard accepted installation guidelines, instructions and setting materials manufacturers' instructions.
- B. General Installation Standards: Install tile in accordance with ANSI A108 standards, appropriate TCA methods, and written instructions of the specified manufacturers.
- C. Installing Tile:
  - 1. Install tile in pattern indicated.
  - 2. When possible, smooth cut edges of tile and/or use appropriate cutter or wet saw to produce smooth cuts. Provide straight cuts which align with adjacent materials.
  - 3. Extend tile into recesses and under equipment and fixtures to form a complete covering without interruption.
  - 4. Terminate tile neatly at obstructions, edges, and corners, without disruption of pattern or joint alignment.
  - 5. Provide tile joints uniform in width, subject to variance in tolerance allowed in tile size. Make joints smooth and even, without voids, cracks, or excess mortar or grout.
  - 6. Mix mortar in strict accordance with manufacturer's recommendations.
  - 7. Apply setting material in accordance with manufacturer's directions and install tile before mortar has started initial cure. For thin set mortar application, use a notch trowel that will achieve the recommended coverage of mortar after tiles have been installed. Reference standard coverage information and follow manufacturer's recommendations for trowel size when using mortar.
  - 8. Do not spread more material than can be covered within 10 to 15 minutes. If "skinning" occurs, remove mortar and spread fresh material. Spread mortar with notches running in one direction that shall be perpendicular to the pressing, pushing and pulling of tile during placement.
  - 9. Place tile in fresh mortar, press, push and pull the tile slightly to achieve as near 100% coverage and contact of tile with setting material and substrate as possible. The coverage shall be no less than 85% and be sufficiently distributed to give full support of the tile. Make sure that all corners and edges are well supported with mortar. Leave no hollow corners or edges. NOTE: 95-100% coverage is mandatory for wet or



exterior areas. A skim coat ("back-butter") of mortar can be placed onto the entire back of the tile using a trowel in order to assist in optimum adhesion and coverage of the mortar being used.

10. Ensure there is a minimum 1/8" of mortar between tile and substrate after proper bedding. Installer must periodically remove sheets or individual tiles to assure proper bond coverage consistent with industry specifications. If coverage is found to be insufficient, use a larger size notch trowel.
11. Use a beating block and hammer or rubber mallet so that faces and edges of individual tiles are flush and level with faces and edges of adjacent tiles, and to reduce lippage.

#### D. Grouting:

1. Install grout in accordance with ANSI A108.10, A108.6, A108.8, A108.9-1999 correlating to grout type chosen and manufacturer's recommendations.
2. Mix grout material in strict accordance with manufacturer's directions.
3. Apply grout to produce full, smooth grout joints of uniform width, and free of voids and gaps.
4. Before grouting entire area do a test area to assure there will be no permanent staining or discoloration of the tile and to verify that the grout is easily removed from the surface. If necessary, pre-coat exposed surfaces of tile with a grout release as recommended by the manufacturer, as this will facilitate removal of the grout.
5. Cure all setting and grouting materials in accordance with manufacturer's recommendations.

#### E. Cleaning and Protection:

1. If one has been used, remove grout release and clean tile surfaces so they are free of grout residue and foreign matter, in accordance with manufacturer's instructions. If a grout haze or residue remains, use a suitable grout haze remover or cleaner and contact grout manufacturer for recommendations. Flush surface with clean water before and after cleaning. Do not use harsh hydrochloric, muriatic or sulfuric acid or acid-based cleaners to clean glazed tiles or tiles grouted with latex modified grout.
2. When a heavy residue of Portland cement grout is present, acceptable tile cleaning acids may be used. However, the grout should be allowed to cure a minimum of 10 days before this aggressive cleaning method is employed. Tile and grout shall be soaked with water before cleaning. In the absence of a recommendation from the grout manufacturer, acid

cleaning may be done with a saturated solution of phosphoric or sulfamic acid, mixed in accordance with manufacturer's recommendations.

3. After cleaning, provide protective covering and maintain conditions to protect tile work from damage or deterioration. Where tiled surfaces will be subject to equipment or wheel traffic or heavy construction traffic, and during move-in of furniture and equipment, cover protective covering with 1/4" hardboard, plywood or similar material.
4. Leave finished installation clean and free of cracked, chipped, broken, unbonded, and otherwise defective tile work

**END OF SECTION 09300**

**SECTION 096813 – TILE CARPETING**

**PART 1 – GENERAL**

**1.1 RELATED DOCUMENTS**

- A. Drawings and general provisions of the Contract.

**1.2 SECTION INCLUDES**

- A. Modular, non-indexed carpet tile.
- B. Carpet adhesives.

**1.3 INFORMATIONALSUBMITTALS**

- A. Qualification Data: For Installer.

**1.4 QUALITY ASSURANCE**

- A. Installer Qualification: Engage an installer with a minimum of five (5) commercial tile installations similar in material, design and scope to that indicated.

**1.5 SITE CONDITIONS**

- A. Environmental Limitations:

1. Do not install carpet tiles until wet work in spaces is complete and dry, and ambient temperature and humidity conditions are maintained at the levels indicated for Project when occupied for its intended use.
2. Use adhesives in strict compliance with manufacturer's recommendations.

## PART 2 - PRODUCTS

### 2.1 INSTALLATION ACCESSORIES

- A. Trowelable Leveling and Patching Compounds: Latex-modified, hydraulic-cement-based formulation provided or recommended by carpet tile manufacturer.
- B. Adhesives: Use tactiles, or tile tabs that are water-resistant, mildew-resistant, non-staining, pressure-sensitive type to suit products and subfloor conditions indicated and is recommended by carpet tile manufacturer for releasable installation.

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for maximum moisture content, installation tolerances, and other conditions affecting carpet tile performance. Examine carpet tile for type, color, pattern, and potential defects.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

### 3.2 PREPARATION

- A. General: Comply with CRI 104, Section 6.2, "Site Conditions; Floor Preparation," and with carpet tile manufacturer's written installation instructions for preparing substrates indicated to receive carpet tile installation.
- B. Remove coatings, including curing compounds, and other substances that are incompatible with tactiles or tile tabs and that contain soap, wax, oil, or silicone, without using solvents. Use mechanical methods recommended in writing by carpet tile manufacturer.
- C. Broom and vacuum clean substrates to be covered immediately before installing carpet tile.

### 3.3 INSTALLATION

- A. General: Comply with CRI 104, Section 14, "Carpet Modules," and with carpet tile manufacturer's written installation instructions.
- B. Installation Method: As recommended in writing by carpet tile manufacturer.
- C. Maintain dye lot integrity. Do not mix dye lots in same area.

- D. Cut and fit carpet tile to butt tightly to vertical surfaces, permanent fixtures, and built-in furniture including cabinets, edgings, thresholds, and nosings. Bind or seal cut edges as recommended by carpet tile manufacturer.
- E. Extend carpet tile into toe spaces, door reveals, closets, open-bottomed obstructions, removable flanges, alcoves, and similar openings.
- F. Maintain reference markers, holes, and openings that are in place or marked for future cutting by repeating on finish flooring as marked on subfloor. Use nonpermanent, non-staining marking device.

#### 3.4 ADJUSTING

- A. Perform the following operations immediately after installing carpet tile:
  - 1. Remove excess seam sealer and other surface blemishes using cleaner recommended by carpet tile manufacturer.
  - 2. Remove yarns that protrude from carpet tile surface.
  - 3. Vacuum carpet tile using commercial machine with face-beater element.

#### 3.5 PROTECTION

- A. Protect installed carpet tile to comply with CRI 104, Section 16, "Protection of Indoor Installations".
- B. Protect carpet tile against damage from construction operations and placement of equipment and fixtures during the remainder of construction period. Use protection methods indicated or recommended in writing by carpet tile manufacturer.

### **END OF SECTION 096813**

## **SECTION 096816 – SHEET CARPETING**

### **PART 1 – GENERAL**

#### 1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract.

#### 1.2 SECTION INCLUDES

- A. Broadloom carpet.
- B. Installation and accessories.

### 1.3 QUALITY ASSURANCE

- A. Installer Qualification: Engage an installer with a minimum of five (5) commercial tile installations similar in material, design and scope to that indicated.

### 1.4 SITE CONDITIONS

- A. Environmental Limitations: Do not install carpet until wet work in spaces is complete and dry, and ambient temperature and humidity conditions are maintained at the levels indicated for Project when occupied for its intended use.

## PART 2 – PRODUCTS

### 2.1 ACCESSORIES

- A. Trowable Underlayments and Patching Compounds: As recommended by carpet manufacturer.
- B. Adhesives: Water-resistant, mildew-resistant, non-staining type to suit products and subfloor conditions indicated, and is recommended or provided by carpet manufacturers.
- C. Metal Edge Strips: Extruded aluminum with mill finish of width shown, of height required to protect exposed edge of carpet, and of maximum lengths to minimize running joints; of the following manufacturer, or approved equal:
  - 1. Schluter Systems; Schluter-Schiene.
  - 2. Schluter Systems; Schluter-Reno-U, at flooring of different heights.

## PART 3 - EXECUTION

### 3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with installation tolerances, and other conditions affecting carpet performance. Examine carpet for type, color, pattern, and potential defects.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

### 3.2 PREPARATION

- A. General: Comply with CRI 104, Section 7.3, "Site Conditions; Floor Preparation," and with carpet manufacturer's written installation instructions for preparing substrates.
- B. Broom and vacuum clean substrates to be covered immediately before installing carpet.

- C. Make sure that all other conditions which would prevent proper and timely completion of the carpeting are corrected before proceeding with installation.

### 3.3 INSTALLATION, GENERAL

- A. Installation, General: Comply with CRI 104.
- B. Unroll carpet face up and cut lengths required. Leave carpet to relax at room temperature for 48 hours minimum prior to installation.
- C. Extend carpet under removable flanges and furnishings.
- D. Provide cutouts where required, and bind cut edges where not concealed by protective edge guards or overlapping flanges.
- E. Install metal carpet edge strips where edge of carpet is exposed and where carpet abuts ceramic tile. Anchor edge strips to substrate.
- F. Cut and fit carpet to butt tightly to vertical surfaces, permanent fixtures, built-in furniture including cabinets, edgings, thresholds, and nosings. Bind or seal cut edges as recommended by carpet manufacturer.

### 3.4 GLUE-DOWN INSTALLATION

- A. Apply adhesive, and separate release agent if any, in compliance with CRI 104, and the manufacturer's printed instructions, complying with procedures demonstrated to be satisfactory by test sample.
- B. Lay carpet with tuft or loop rows in straight lines both ways, free of offsets, waviness, distortion, or misalignment.
- C. Butt carpet seams and edges tightly together to eliminate air pockets, and remove looseness and bubbles away from the seams.
- D. Remove adhesive from face of carpet promptly upon exposure.
- E. Roll completed installation with a 35-75 lb linoleum roller in both directions to ensure uniform bond everywhere.
- F. Trim carpet neatly at walls and other vertical projections no sooner than 24 hours following installation.
- G. Completed installation shall be free of tacks, scraps, ripples, scallops and puckers, with tight joints accurately aligned.

3.5 CLEANING

- A. Remove visible and excess adhesive, seam sealer, and other surface blemishes from carpet surface using manufacturer's recommended cleaning agent.
- B. Remove and dispose of debris and unusable scraps. Remove protruding face yarn.

3.6 PROTECTION

- A. Protect installed carpet to comply with CRI 104, "Protection of Indoor Installations."
- B. Protect carpet against damage from construction operations and placement of seating during the remainder of construction period.
- C. Provide final protection and maintain conditions, in a manner acceptable to manufacturer and installer, to ensure carpet is not damaged or deteriorated at time of Substantial Completion.

**END OF SECTION 096816**

## COST SCHEDULE

A bidder's failure to provide the information requested in this section will be cause for rejection of the bid on the basis of non-responsiveness. Costs shall be bid **FOB ARRC** Ocean Dock Warehouse. Bidder hereby offers to perform the work in strict compliance with the Bid documents for the following lump sum price:

### DESCRIPTION

### LUMP SUM TOTAL

Provide Flooring Services, material and labor in accordance with The Terms, Conditions, Scope of Work and Drawings.

\$ \_\_\_\_\_

**AWARD CRITERIA:** An award will be made to the low, responsive, responsible bidder that meets the requirements as set forth in the specifications and compliance thereof. The Alaska Railroad Corporation reserves the right to determine that all offered materials will serve the application intended. The bid award is contingent on the availability of Alaska Railroad Corporation funds.

The Undersigned has read the foregoing RFQ and hereby agrees to the terms and condition stated therein by affixing his/her signature below.

**NON-COLLUSION AFFIDAVIT:** The Undersigned declares, under penalty of perjury under the laws of the United States, that neither he/she nor the firm, association, or corporation of which he/she is a member, has, 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 this Bid.

### BIDDERS NAME AND ADDRESS

\_\_\_\_\_  
COMPANY NAME  
BIDDER

\_\_\_\_\_  
SIGNATURE BY AND FOR THE

\_\_\_\_\_  
COMPANY ADDRESS

\_\_\_\_\_  
PRINTED NAME OF ABOVE BIDDER

\_\_\_\_\_  
DATE OF BID

\_\_\_\_\_  
CONTACT PHONE NUMBER

\_\_\_\_\_  
CONTACT E-EMAIL



## QUESTIONNAIRE

Note: Failure to provide the information requested in this questionnaire may be cause for rejection of your bid or offer on the grounds of non-responsiveness and/or non-responsibility.

Project: \_\_\_\_\_

Name of Your Business: \_\_\_\_\_

Street Address: \_\_\_\_\_

Mailing Address if Different: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Mailing Zip: \_\_\_\_\_

Telephone: \_\_\_\_\_ Fax: \_\_\_\_\_ Email: \_\_\_\_\_

Date Firm Established: \_\_\_\_\_

How many years has the business been under the above name? \_\_\_\_\_

Previous business name(s)if any: \_\_\_\_\_

Federal Tax ID Number: \_\_\_\_\_

Business License Number: \_\_\_\_\_

Contractor License Number (For Construction): \_\_\_\_\_

Bid Acceptance Period \_\_\_\_\_ Days. (Bids providing less than thirty - 30 calendar days for acceptance may be considered non-responsive and may be rejected.)

Discount for prompt pay \_\_\_\_\_ % \_\_\_\_\_ days.

**The bidder shall list any variations from or exceptions to the Terms, Conditions or Specifications of the Solicitation:**

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List the three most recent contracts performed by your company where the commodity or service requested in this solicitation was the primary commodity or service supplied. Include the client's name, contract amount, contract date, person to contact regarding performance, their telephone, facsimile number and e-mail.

**Clients name, Contact person, Contact info. Description of Work and Contract Amount**  
 (Provide: telephone, fax, and email)

<b><u>List any other business related experience:</u></b>	

**Are you acting as a broker or the primary supplier in this transaction?**

- Broker
- Primary Supplier

**Business Information (Please check all that apply):**

- My business is Individual
- My business is a Partnership
- My business is a Non-Profit
- My business is a Joint-Venture
- My business is a Corporation incorporated under the laws of the State of \_\_\_\_\_
- My business is full-time
- My business is part-time
- My business **is not** a certified Disadvantaged Business (DBE)
- My business **is** a certified DBE
- My DBE was certified by State DOTPF
- My DBE was certified by the Municipality of Anchorage
- My business is an 8(a)/WBE/MBE and is certified by SBA
- My business was certified by \_\_\_\_\_
- My DBE Certification # is \_\_\_\_\_

**Firms Annual Gross Receipts:**

- <\$500,000
- \$500,000 - \$999,999
- \$1,000,000 - \$4,999,999
- \$5,000,000 - \$9,999,999
- \$10,000,000 - \$16,999,999
- >\$17,000,000

**Completed by:** \_\_\_\_\_ **Title:** \_\_\_\_\_

**Signature:** \_\_\_\_\_ **Date:** \_\_\_\_\_



# Bonding Ceramic Tile and Stone To Steel Substrates

## TDS 146

More and more frequently, unusual substrates including steel, metal and aluminum are being used in tile or stone installations. Swimming pools, spas, hot tubs, elevator cabs, and cooler floors and walls frequently have a steel surface on which to bond tile. Below are methods to properly install tile to these substrates.

The preferred method for installation over steel is;

1. Steel, metal or aluminum substrate must be rigid and meet the maximum allowable standard for deflection of L/360 for tile or L/480 for stone
2. Tack weld or mechanically fasten 3.4 # galvanized diamond metal lath over the steel surface in accord with ANSI A108.01 3.3.
3. Apply a scratch and leveling coat of 3701 Fortified Mortar; or, 3701 Mortar Admix mixed with 226 Thick Bed Mortar to encapsulate and fill the lath.
4. After the mortar hardens, HYDRO BAN<sup>®</sup> or 9235 Waterproofing Membrane may be installed where specified.
5. Tile may be installed with 254 Platinum or 4237 Latex Additive mixed with 211 Powder. In areas where a more chemically resistant adhesive is necessary (or when installing water sensitive marble or agglomerate) install with LATAPOXY<sup>®</sup> 300 Adhesive.
6. When tile has set firm, grout with SPECTRALOCK<sup>®</sup> PRO Premium Grout\*; SPECTRALOCK PRO Grout; PERMACOLOR<sup>®</sup> Select<sup>^</sup>; PERMACOLOR Grout; PLASMA<sup>™</sup>; or, 1500 Sanded Grout or 1600 Unsanded Grout gauged with 1776 Grout Enhancer. For areas subjected to food acids, harsh chemicals or extreme heat use SPECTRALOCK 2000 IG.

Or, the alternative method for installation over steel is;

1. Steel or aluminum must be rigid, meet the maximum allowable standard for deflection of L/360 for tile or L/480 for natural stone, and be free of rust, dirt, paint, manufacturing oils, or other surface contamination.
2. Steel manufacturer / contractor must inspect steel for any signs of rust or corrosion. Clean, remove, passivate steel in accord with steel manufacturer's guidelines to ensure that rust / corrosion is completely removed prior to tiling.
3. Wash steel surface with strong detergent to ensure that all manufacturing oils are removed, rinse completely and allow to dry. Refer to steel manufacturer's guidelines for steel surface preparation when cladding with tile or stone.
4. Install tile or stone with LATAPOXY 300 Adhesive by following instructions outlined in DS 633.0 and DS 631.5 INTL.
5. Grout tile or stone with SPECTRALOCK PRO Premium Grout; SPECTRALOCK PRO Grout; PERMACOLOR SELECT Grout; PERMACOLOR Grout; PLASMA; or, 1500 Sanded Grout or 1600 Unsanded Grout gauged with 1776 Grout Enhancer. For areas subjected to food acids, harsh chemicals or extreme heat use SPECTRALOCK 2000 IG.

Refer to LATICRETE Data Sheet 025.0 for LATICRETE 25 Year Tile & Stone System Warranty Information.

\* United States Patent No.: 6,881,768 (and other Patents)

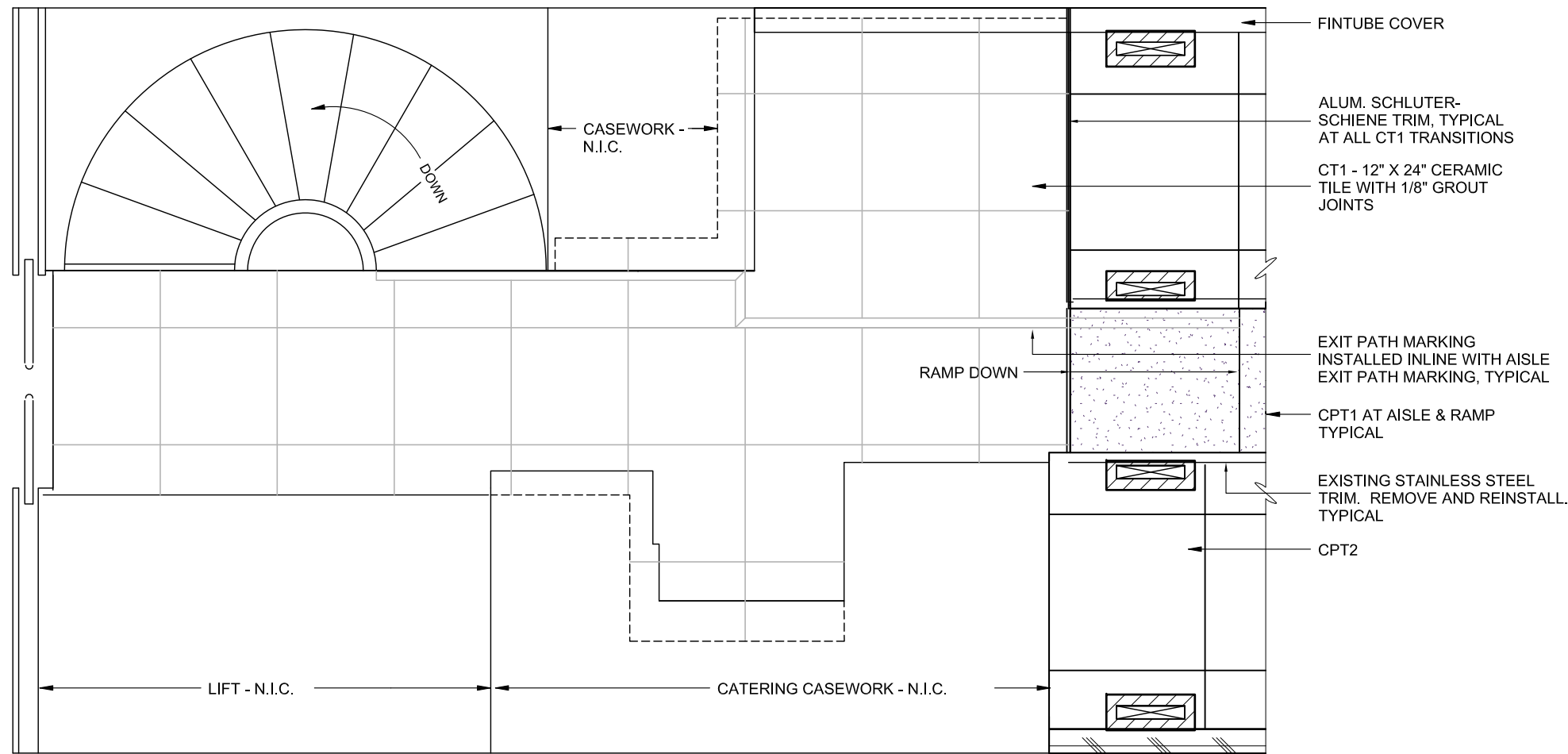
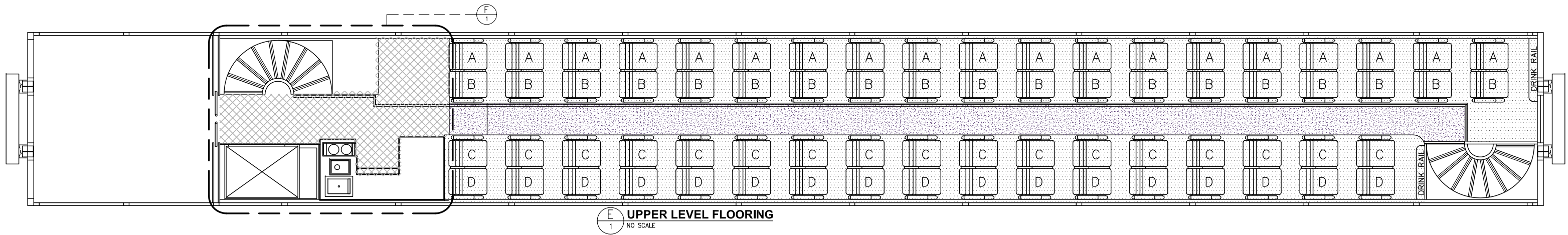
<sup>^</sup> United States Patent No.: 6,784,229 (and other Patents)

Technical Data Sheets are subject to change without notice. For latest revision, check our website at [www.laticrete.com](http://www.laticrete.com)  
TDS 146.doc R 26 January 2015



**LATICRETE INTERNATIONAL, INC.** ■ 1 LATICRETE Park North ■ Bethany, CT 06524-3423 USA  
800.243.4788 ■ [support@laticrete.com](mailto:support@laticrete.com) ■ [www.laticrete.com](http://www.laticrete.com)

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**FLOOR FINISH LEGEND:**

- CPT1 CARPET - BROADLOOM  
MANUFACTURER: MOHAWK GROUP  
STYLE: COOL SERENADE KC164  
COLOR: SUITE 00371  
PATTERN ORIENTATION: VERTICAL GRAIN RUNS THE LENGTH OF THE AISLE  
BACKER: RED LIST FREE CARPET BACKING
- CPT2 CARPET - TILE  
MANUFACTURER: MOHAWK GROUP  
STYLE: BRAIDED STREAM II GT175  
COLOR: 958 HAPPY TRAILS  
PATTERN ORIENTATION: MONOLITHIC  
BACKER: RED LIST FREE CARPET BACKING
- CT1 CERAMIC TILE  
MANUFACTURER: UNITED TILE  
STYLE/COLOR: ASTOR - FUSION SERIES (DARK)  
SIZE: 18" X 18"  
COLOR: DARKS  
PATTERN ORIENTATION: PER PLAN  
GROUT: PROVIDE FULL RANGE OF STANDARD COLORS FOR SELECTION

**NOTES:**

- FINTUBE COVERS ARE TO BE REMOVED AND REPLACED BY CONTRACTOR.
- CARE MUST BE TAKEN WHEN REMOVING EXISTING FLOORING TO AVOID DELAMINATING SHEET METAL LAMINATE FROM PLYWOOD SUBFLOOR
- EXISTING TILE IS MARBLE WITH INTEGRAL ALUMINUM BACKER PLATE.
- OWNER PROVIDED MATERIALS: EXIT PATH MARKING ALUMINUM TRACK IN TWO STYLES, GLOW STRIP, AND CERAMIC TILE CT1.

**F 1** **DETAIL - UPPER LEVEL BAR AREA FLOORING**  
NO SCALE

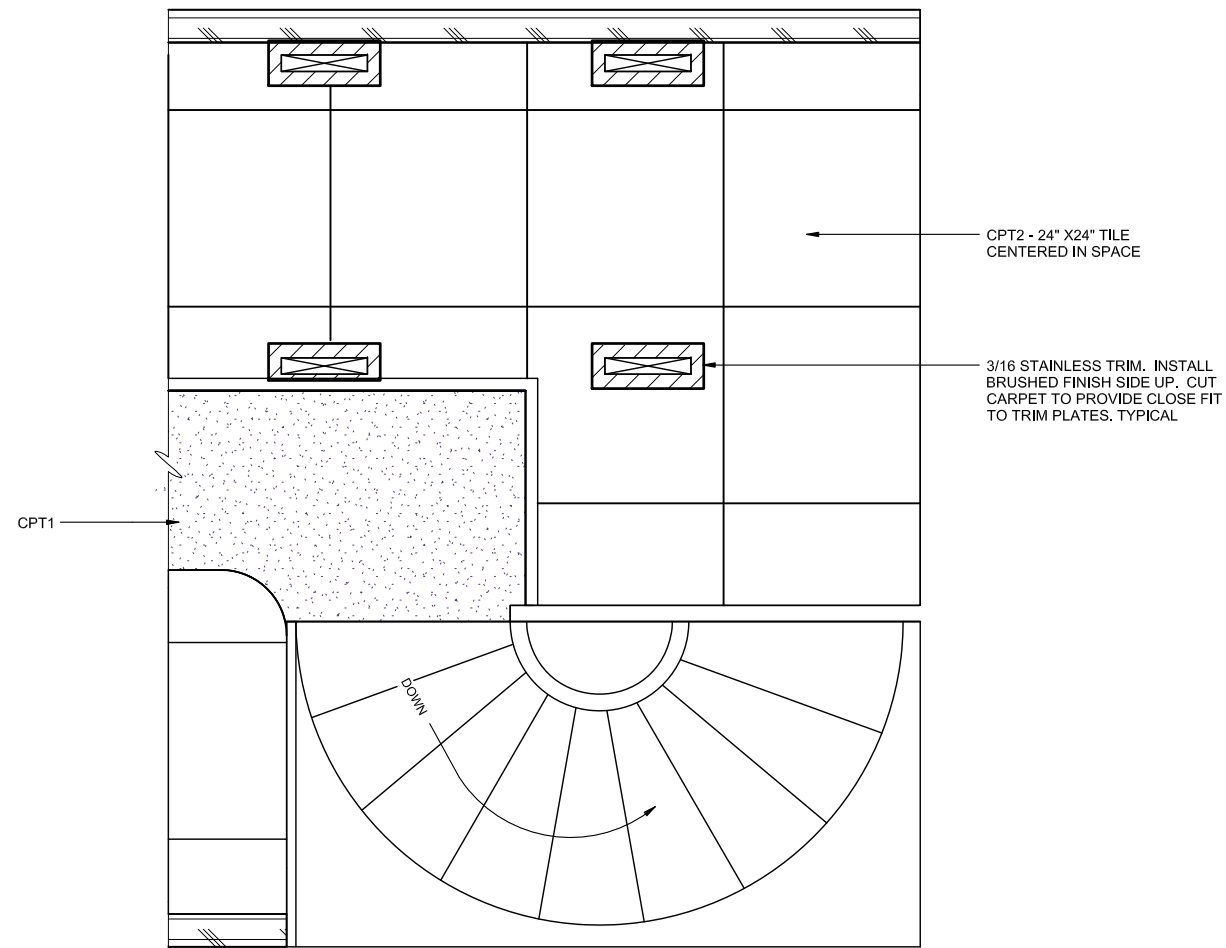
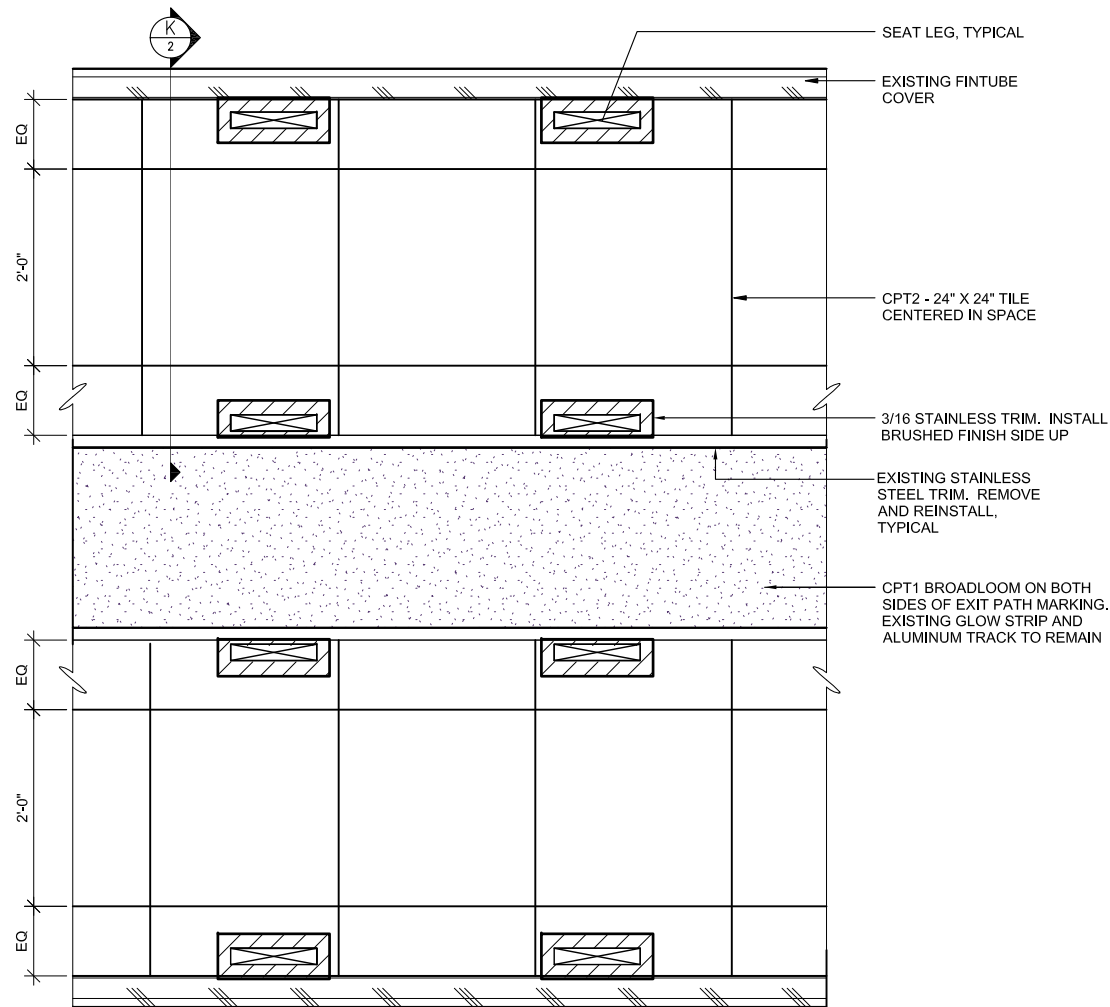
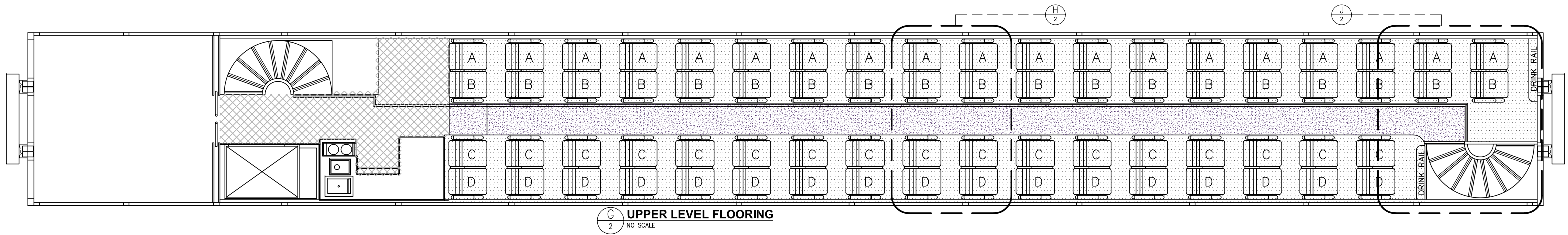
**ALASKA RAILROAD CORPORATION**  
ENGINEERING SERVICES  
P.O. BOX 107500, ANCHORAGE, ALASKA 99510-7500

PROJECT : **MOTIVE POWER AND EQUIPMENT PASSENGER EQUIPMENT**

TITLE: **ARR 655, 656 UPPER LEVEL FLOORING REPLACEMENT**

DESIGNED BY: ARRC	SCALE : NO SCALE	A/E NO.:
DRAWN BY: ARRC	DATE : JANUARY 2017	ACAD FILE:
CHECKED BY: ARRC		DWG NO. <b>1</b> OF <b>2</b>
APPROVED BY: ARRC		

REV.	DATE	BY	REVISION



**NOTES:**

SEATS AND FINETUBE COVERS MOVED BY CONTRACTOR.

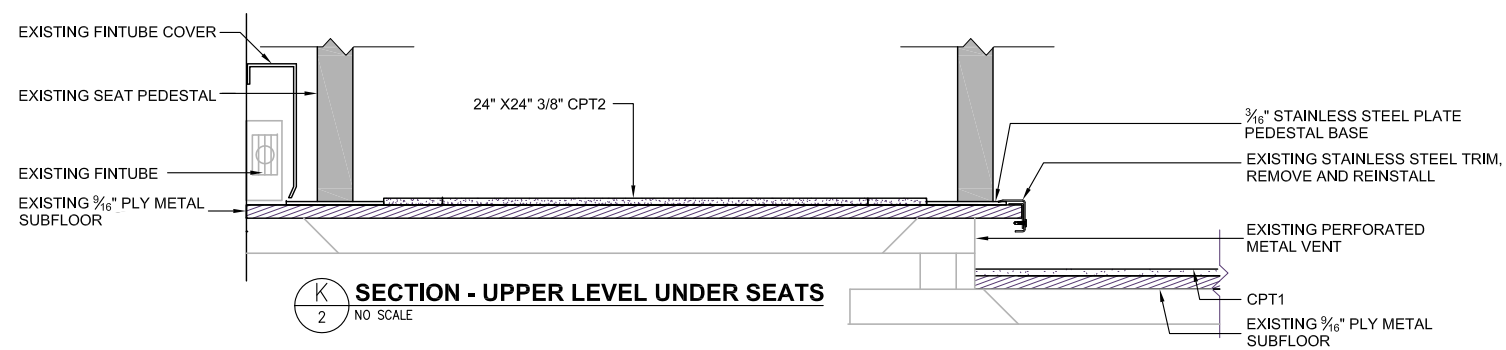
CARE MUST BE TAKEN WHEN REMOVING EXISTING FLOORING TO AVOID DELAMINATING SHEET METAL LAMINATE FROM PLYWOOD SUBFLOOR

CONTRACTOR IS TO ENSURE THAT THREADED FLOOR INSERTS, FOR SECURING SEATING, ARE KEPT FREE OF DEBRIS.

OWNER PROVIDED MATERIALS: 3/16" THICK STAINLESS STEEL PEDESTAL SEAT BASE PLATE, CARPET CPT1, AND CARPET CPT2.

WHEN REPLACING SEATS, PLACE THREADED STUDS IN FLOOR INSERTS TO AVOID SCRATCHING STAINLESS BASE PLATES.

TUCK TUFTS UNDER LIP OF EXIT PATH MARKING.



REV.	DATE	BY	REVISION

<b>ALASKA RAILROAD CORPORATION</b> ENGINEERING SERVICES P.O. BOX 107500, ANCHORAGE, ALASKA 99510-7500		
PROJECT :		
<b>MOTIVE POWER AND EQUIPMENT PASSENGER EQUIPMENT</b>		
TITLE:		
<b>ARR 655, 656 UPPER LEVEL FLOORING REPLACEMENT</b>		
DESIGNED BY: ARRC	SCALE : NO SCALE	A/E NO.:
DRAWN BY: ARRC	DATE : JANUARY 2017	ACAD FILE:
CHECKED BY: ARRC		DWG NO.
APPROVED BY: ARRC		<b>2</b> OF <b>2</b>