



State of Rhode Island and Providence Plantations  
**Coastal Resources Management Council**  
Oliver H. Stedman Government Center  
4808 Tower Hill Road, Suite 3  
Wakefield, RI 02879-1900

(401) 783-3370  
Fax (401) 783-2069

### PUBLIC NOTICE

File Number: 2017-03-063

Date: April 6, 2017

This office has under consideration the application of:

Jeffrey Blease  
5 Calder Drive  
Warren, RI 02885

for a State of Rhode Island Assent to construct and maintain:

Demolish existing fixed pier and construct new residential boating facility consisting of: 4' x 154' fixed pier, 3x32' ramp and an 8x18.75' float with float lift. This facility will include 4 anchor piles and 7 mooring piles.

Project Location:	1 North Street
City/Town:	Warren
Plat/Lot:	16 / 266
Waterway:	Mount Hope Bay

Plans of the proposed work may be seen at the CRMC office in Wakefield.

In accordance with the Administrative Procedures Act (Chapter 42-35 of the Rhode Island General Laws) you may request a hearing on this matter.

You are advised that if you have good reason to enter protests against the proposed work it is your privilege to do so. It is expected that objectors will review the application and plans thoroughly, visit site of proposed work if necessary, to familiarize themselves with the conditions and cite what law or laws, if any, would in their opinion be violated by the work proposed.

If you desire to protest, you must attend the scheduled hearing and give sworn testimony. A notice of the time and place of such hearing will be furnished you as soon as possible after receipt of your request for hearing. If you desire to request a hearing, to receive consideration, it should be in writing (**with your correct mailing address, e-mail address and valid contact number**) and be received at this office on or before May 6, 2017.



**HARBOR ENGINEERING, LLC**  
 26 BOSWORTH STREET  
 BARRINGTON, RI 02806  
 (401) 829-4870  
 harboreng.com

No.	Revision	Date	App.



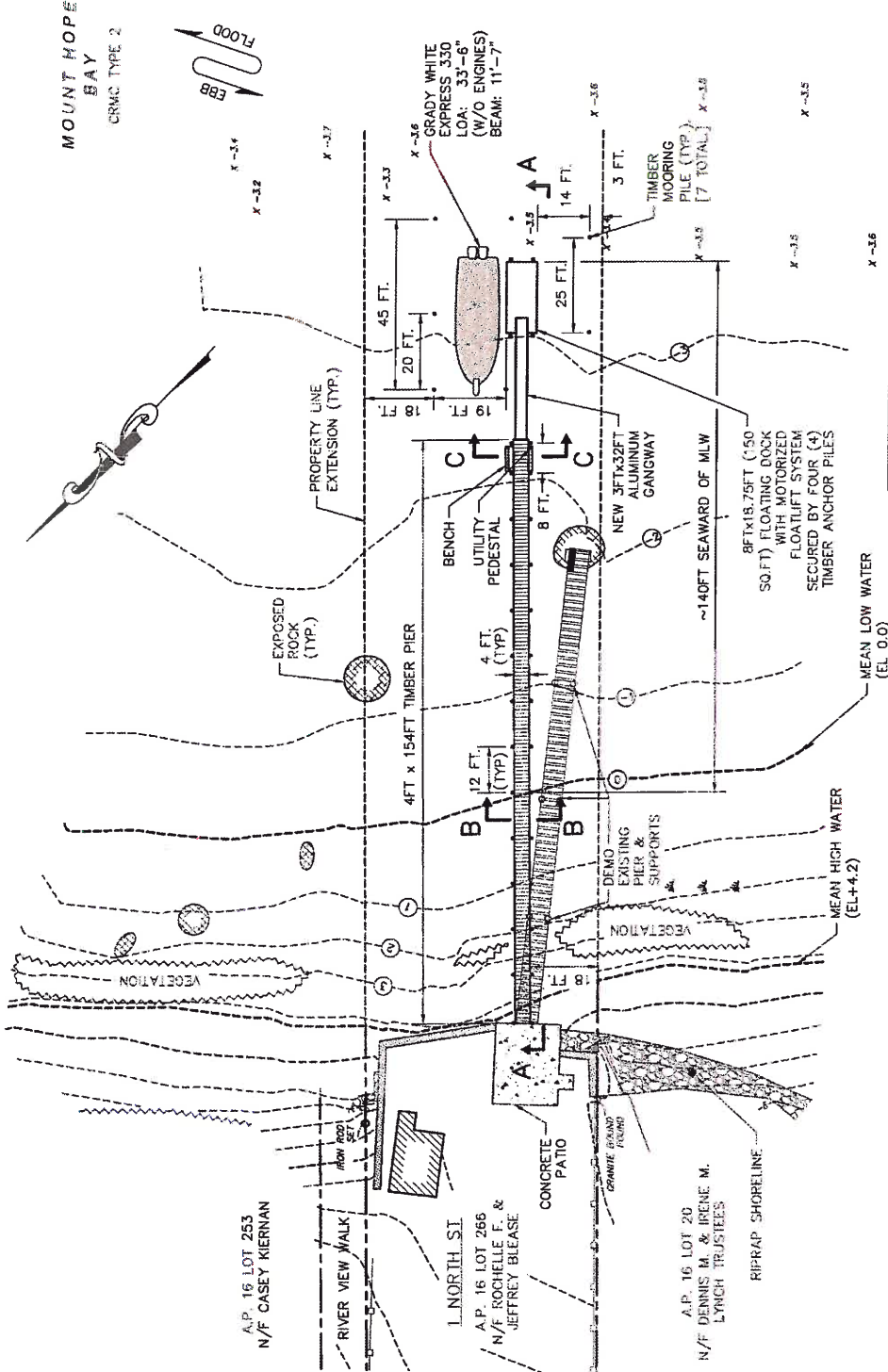
Client/Owner:  
**JEFFREY BLEASE**  
 1 NORTH STREET  
 WARREN, RI

Issued for:  
 REGULATORY REVIEW  
 RICMCM APPLICATION  
 NEW RESIDENTIAL DOCK

Showing Title:  
**PROPOSED SITE PLAN**  
 PROPOSED PIER, RAMP AND FLOAT

Date: 2/27/2017  
 Scale: 1"=30FT

Designed By: AJK  
 Drawn By: AJK  
 Checked by:  
 Project Number: 2015-18  
 Sheet 4 of 6  
 Drawing Number: PR-1



**ELECTRIC SERVICE AND WATER CONNECTION TO PEDESTAL BY OTHERS**

- SITE PLAN NOTES:**
- PLAN INFORMATION PRESENTED HEREIN INCLUDING SHORELINE FEATURES AND TOPOGRAPHIC/BATHYMETRIC CONTOURS ARE BASED ON THE SITE PLAN PREPARED BY NORTHEAST ENGINEERS & CONSULTANTS, INC. TITLED "PLAN OF LAND SHOWING EXISTING CONDITIONS" DATED DECEMBER 14, 2015 AND CAN ONLY REFLECT THE CONDITIONS OF THE SITE AT THAT TIME.
  - ELEVATIONS SHOWN REFER TO MEAN LOW WATER (MLW) DATUM.



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Drawing Title:  
**PROPOSED MAINTENANCE**  
 PROPOSED PIER, RAMP AND FLOAT  
 CROSS SECTIONS

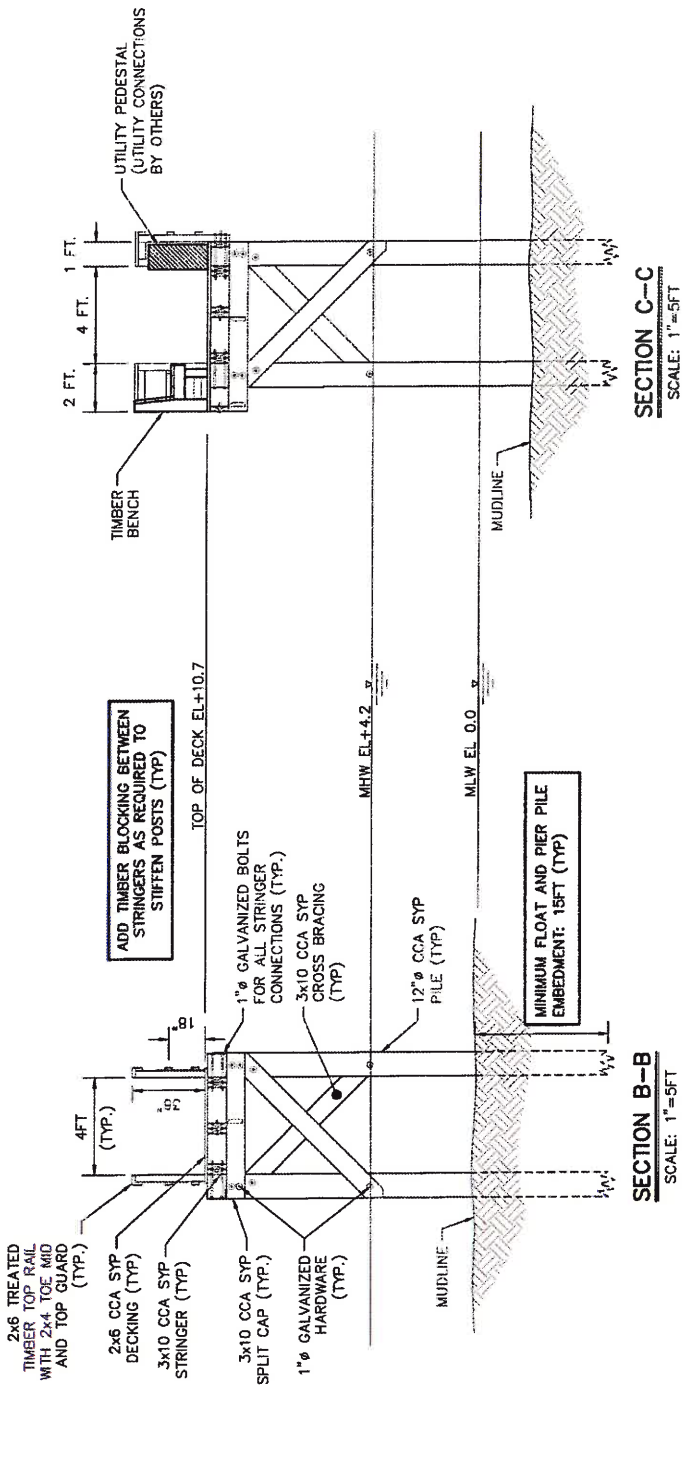
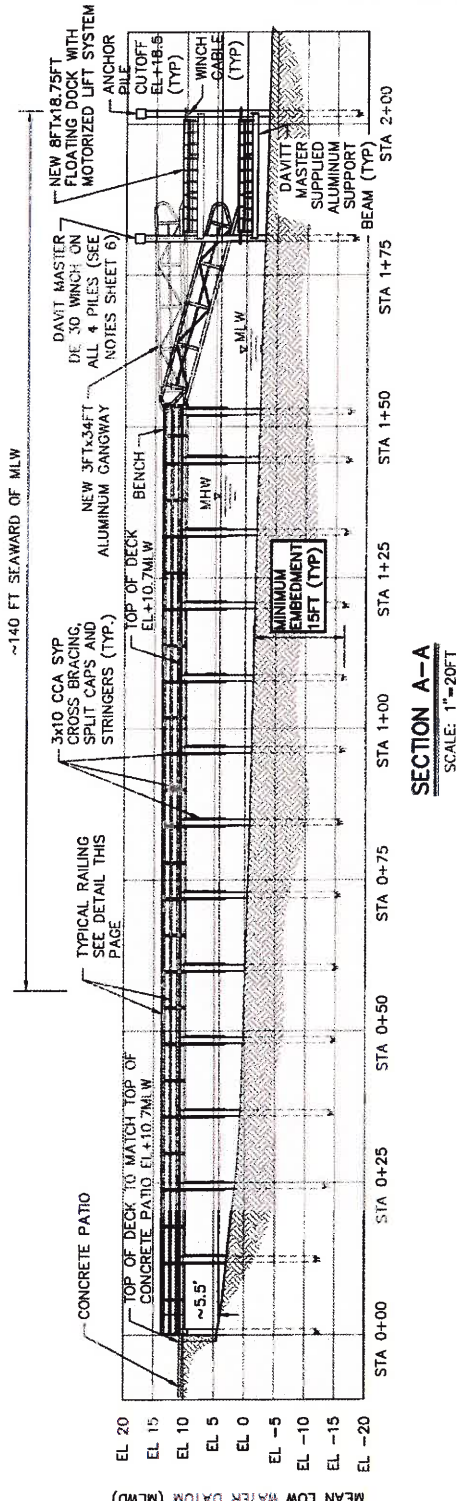
Date: 2/27/2017  
 Scale: VARIES

Designed By: JEC  
 Drawn By: JEC  
 Checked by: AJK  
 Project Number: 2015-18

Sheet 5 of 6  
 Drawing Number: X1

No. 7949

AUGUST J. KREUZKAMP, III  
 REGISTERED PROFESSIONAL ENGINEER  
 CIVIL 2127 (2017)





**GENERAL NOTES:**

- DRAWING AND SPECIFICATIONS, AS INSTRUMENTS OF PROFESSIONAL SERVICE, ARE AND SHALL REMAIN THE PROPERTY OF HARBOR ENGINEERING, LLC. DOCUMENTS ARE NOT TO BE USED, IN WHOLE OR IN PART, FOR OTHER PROJECTS OR PURPOSES OR BY ANY OTHER PARTIES THAN THOSE AUTHORIZED BY CONTRACT WITHOUT THE SPECIFIC WRITTEN AUTHORIZATION OF HARBOR ENGINEERING, LLC. THE USE OF THIS DOCUMENT IS CONTINGENT UPON PAYMENT TO HARBOR ENGINEERING, LLC. FOR SERVICES RENDERED. NON-PAYMENT SHALL GIVE HARBOR ENGINEERING, LLC. THE AUTHORITY TO BAR DOCUMENT USE BY ANY AND ALL PARTIES.

**GENERAL CONSTRUCTION NOTES:**

- ALL WORK SHALL CONFORM TO THE STANDARDS AND REQUIREMENTS AS SHOWN IN THESE PLANS AND SPECIFICATIONS.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL VERIFY THE CONDITIONS SHOWN HEREIN AND NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES IN DIMENSIONS AND/OR SITE CONDITIONS PRIOR TO THE FABRICATION AND/OR ORDERING OF ANY CONSTRUCTION MATERIALS. THE CONTRACTOR SHALL NOT BEGIN CONSTRUCTION IN ANY SUCH AFFECTED AREA UNTIL THE DISCREPANCY HAS BEEN RESOLVED BY THE CONTRACTOR AND APPROVED BY THE ENGINEER.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR BRINGING ALL ELEMENTS OF THE PROJECT IN CONFORMANCE WITH THESE PLANS AND SPECIFICATIONS. IF ANY MODIFICATIONS ARE REQUIRED IN ANY ELEMENT, THE CONTRACTOR SHALL SUBMIT PROPOSED CHANGES IN WRITING TO THE ENGINEER FOR REVIEW.
- ALL SAFETY REGULATIONS ARE TO BE STRICTLY FOLLOWED. METHODS OF CONSTRUCTION AND ERECTION OF STRUCTURAL MATERIAL ARE THE RESPONSIBILITY OF THE CONTRACTOR.
- ALL WORK SHALL COMPLY WITH FEDERAL LAWS, STATE REGULATIONS, AND LOCAL LAWS AND STATUTES AND THE REQUIREMENTS AND CONDITIONS OF ALL REGULATORY PERMITS ISSUED FOR THE WORK.
- ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE OSHA CODE, THE RHODE ISLAND STATE BUILDING CODE, AND THE REFERENCED STANDARDS INCLUDED THEREIN THAT ARE APPLICABLE TO THIS PROJECT.
- IT SHALL BE CONTRACTOR'S RESPONSIBILITY TO OBTAIN THE SURVEY SUPPORT NEEDED TO COMPLETE THE WORK, INCLUDING STAKEOUT, TO ENSURE THE WORK IS COMPLETED CONSISTENT WITH PROJECT PLANS AND ASSOCIATED REGULATORY APPROVALS.
- ALL MATERIAL STORAGE SHALL BE DONE VIA BARGE.
- DAMAGE TO ANY PROPERTY, PRIVATE OR OF PUBLIC TRUST, OCCURRING DURING THE CONSTRUCTION BY THE CONTRACTOR SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE REPAIRED TO THE SATISFACTION OF THE OWNER AT THE EXPENSE OF THE CONTRACTOR.

**DEMOLITION**

- DEMOLISHED MATERIAL SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE COMPLETELY REMOVED FROM THE JOB SITE AND DISPOSED OF IN A SAFE AND LEGAL MANNER.
- THE CONTRACTOR SHALL MAKE AVAILABLE TO THE OWNER A DETAILED DISPOSAL PLAN THAT INCLUDES THE NAME, ADDRESS, AND TELEPHONE NUMBER OF THE DISPOSAL SITE, AND A SIGNED MANIFEST AND DISPOSAL TICKET(S) THAT SUBSTANTIATE APPROVED DISPOSAL OF MATERIAL REMOVED FROM SITE.

**TIMBER NOTES:**

- DESIGN LIVE LOAD FOR FIXED PIER: 500 POUND POINT LOAD OR 60PSF UNIFORM DISTRIBUTED LOAD.
- UNLESS NOTED OTHERWISE, ALL TIMBER MATERIAL SHALL BE SOLID SAWN LUMBER (S4S) SOUTHERN YELLOW PINE GRADE NO. 1 OR BETTER IN ACCORDANCE WITH EITHER THE SOUTHERN PINE INSPECTION BUREAU OR THE TIMBER PRODUCTS INSPECTION BUREAU GRADING RULES.
- WITH THE EXCEPTION OF IPE, ALL OTHER TIMBER MATERIAL USED SHALL BE TREATED WITH CCA PRESERVATIVE SUFFICIENT FOR MARINE CONSTRUCTION (MINIMUM RETENTION: 0.6 LBS PER CUBIC FOOT).
- BRUSH APPLY TWO (2) COATS OF WOOD PRESERVATIVE TO SURFACE OF PRESERVATIVE TREATED MATERIALS WHICH HAVE BEEN FIELD CUT, DRESSED OR DRILLED.

- ALL BOLTS SHALL BE ASTM A307 OR BETTER SIZED NO LESS THAN 1/2" UNLESS NOTED OTHERWISE, ACCOMPANIED BY APPROPRIATELY SIZED NUTS AND WASHERS.
- COUNTER SINK AREAS WHERE HARDWARE INTERFERES WITH CONSTRUCTION OR VESSEL BERTHING AREAS.
- ALL HARDWARE INCLUDING NAILS, SCREWS, BOLTS, NUTS AND WASHERS SHALL BE HOT-DIPPED GALVANIZED STEEL.
- SPlicing OF STRINGERS SHOULD OCCUR EXCLUSIVELY OVER THE CENTER OF A PILE BENT (OVER THE SPLIT CAP) WITH EITHER A 3FT LAP SPLICE OR A 3FT BUTT SPLICE WITH 3FT LONG 3x10 SCAB AND 18-INCH OVERLAP WITH THE BUTTING STRINGERS.

**PILE DRIVING:**

- THE CONTRACTOR SHALL USE EQUIPMENT ADEQUATE IN SIZE, CAPACITY, AND NUMBERS, AND MAINTAINED TO THE REQUIREMENTS OF ALL FEDERAL, STATE, AND LOCAL LAWS AND REGULATIONS TO ACCOMPLISH THE WORK.
- PILES SHALL BE DRIVEN A MINIMUM DEPTH OF 15 FEET INTO COMPETENT SUBSTRATE. CONTRACTOR SHALL POINT PILES AND BE PREPARED TO USE STEEL PILE TIPS TO ACHIEVE REQUIRED EMBEDMENT.
- THE CONTRACTOR SHALL KEEP AN ACCURATE SET OF PILE INSTALLATION/DRIVING LOGS. ALL PILES BEING INSTALLED SHALL BE CLEARLY MARKED IN 1 FOOT INCREMENTS PRIOR TO INSTALLATION TO SUPPORT MONITORING/RECORDING EFFORTS. ALL LOGS SHALL BE GENERATED BY THE CONTRACTOR AND SUBMITTED TO THE OWNER PRIOR TO PAYMENT. PILE LOGS SHALL INCLUDE: PILE ID, LOCATION, DEPTH TO BOUNDLINE (INCLUDING DATE & TIME RECORDED) AND TOTAL EMBEDMENT.

**FLOATING DOCKS**

- FLOATING DOCKS SHALL BE CONSTRUCTED USING CCA TREATED TIMBER FRAMING, ENCAPSULATED PERMAFLOAT FLOATATION OR APPROVED EQUAL TUBS AND CCA SYP TIMBER DECKING.
- CONTRACTOR TO INSTALL FOUR (4) HOT-DIPPED GALVANIZED STEEL CLEATS AT THE FLOAT CORNERS, ATTACHED TO THE DOCK FRAMING USING THROUGH BOLTS. CLEATS SHALL BE NO LESS THAN 10 INCHES IN LENGTH.
- DOCK FENDERING SHALL BE EXTRUDED, NON-MARRING, MARINE GRADE VINYL, CONSISTENT SHADE OF GRAY IN COLOR INCLUDING FOUR (4) CORNER FENDERS AND BUMPER STRIP ALONG THE TWO (2) BERTHING SIDES OF THE FLOAT.

**FLOAT DESIGN CRITERIA:**

- LIVE LOAD=40 PSF
- DEAD LOAD FREEBOARD=15"

**FLOAT LIFT**

- FLOAT LIFT SYSTEM SHALL BE COMPRISED OF A SERIES OF WINCHES MANUFACTURED BY DAVIT MASTER OR APPROVED EQUIVALENT. THE FLOAT LIFT SYSTEM SHALL BE INSTALLED TO THE MANUFACTURER'S STANDARDS AND SPECIFICATIONS.
- THE FLOAT LIFT SYSTEM SHALL BE COMPRISED OF A SERIES OF MOTORIZED WINCHES, WITH THE WINCHES INSTALLED ON ALL FOUR (4) FLOAT ANCHOR PILES. EACH MOTORIZED WINCH SHALL HAVE A DIRECT PULL CAPACITY OF 3,000 POUNDS.
- TWO (2) ALUMINUM SUPPORT BEAMS, DESIGNED & SUPPLIED BY DAVIT MASTER, SHALL BE USED TO LIFT AND SUPPORT THE UNDERSIDE OF THE FLOAT. WHICH CABLES SHALL NOT BE CONNECTED DIRECTLY TO THE FLOAT NOR SHALL THE BEAMS BE FASTENED DIRECTLY TO THE FLOAT.
- THE INSTALLATION OF THE ELECTRICAL SERVICE SHALL BE PERFORMED BY A LICENSED ELECTRICIAN TO THE MOST CURRENT STATE AND LOCAL CODES WITH CONSIDERATION OF THE OUTDOOR/MARINE APPLICATION.
- EACH DE-30 WINCH MANUFACTURED BY DAVIT MASTER (3 HP MOTOR; 3,000# CAPACITY) REQUIRES EITHER 110 VOLT, 13 AMP SERVICE OR 220 VOLT, 6.5 AMP SERVICE. REFER TO DAVIT MASTER LITERATURE FOR DETAILS.
- THE MARINE CONTRACTOR TO COORDINATE WITH THE OWNER'S ELECTRICAL CONTRACTOR TO SCHEDULE THE INSTALLATION. THE FLOAT LIFT SYSTEM SHALL BE TESTED BY THE MARINE CONTRACTOR AND WITNESSED BY THE OWNER'S REP PRIOR TO ACCEPTANCE.



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**PROJECT NOTES**

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PROFESSIONAL ENGINEER  
CIVIL **2/27/2017**

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