

## Addendum #2

Date: September 14, 2018  
Project: DEARNG Contract No. 2018-07  
BBTS Infrastructure Utilities Project

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The work herein shall be considered part of the bid documents for the referenced project and carried out in accordance with the following supplemental instructions issued in accordance with the Contract Documents without change in Contract Sum or Contract Time. Acknowledge receipt of addendum on the bid form as indicated.

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### General

1. Bids due **2:30pm on September 21, 2018** at the Delaware Army National Guard at the Security Officers desk in the Main Lobby of the Biden National Guard/Reserve Center, 250 Airport Road, New Castle, Delaware 19720. The address may also be referred to as 1, Vavala Way, New Castle, DE 19720

### Changes to Drawings:

1. *Drawing 1.1 Underground Conduit Distribution System* – Revised the quantities and sizes of conduits. Revised the Duct bank detail callouts to reflect these changes. See revised drawing attached.
2. *Drawing 1.2 Electrical and IT Quazite Box Locations Plan* – Added callouts for plans 15/1.7 and 16/1.7. See revised drawing attached.
3. *Drawing 1.7 Electrical and IT Quazite Box Enlarged Plans* – Relocated plan 12/9.6 to 15/1.7. Added plan 16/1.7. See revised drawing attached.
4. *Drawing 9.1 Electrical Site Equipment Locations Plan* – Deleted the callout for plan 12/9.6. No drawing or sketch issued to reflect this change.
5. *Drawing 9.6 Alternate #1 Electrical Enlarged Plans Bldg 165-185, Shed #4, 5, 6, & G-3* – Relocated plan 12/9.6 to 15/1.7. Revised the numbering of subsequent plans. See revised drawing attached.
6. *Drawing 14.9 Information Technology Enlarged Plans Buildings 162-185, Misc* – At bldg-162, the conduit at the northwest corner was extended into the IDF room. See revised drawing attached.

### Clarifications

1. No liquidated damages will be assigned.
2. Products are to be domestic only. Buy American clause does apply.
3. An electrical coordination study is required for only the new electric work.

### Questions and Answers

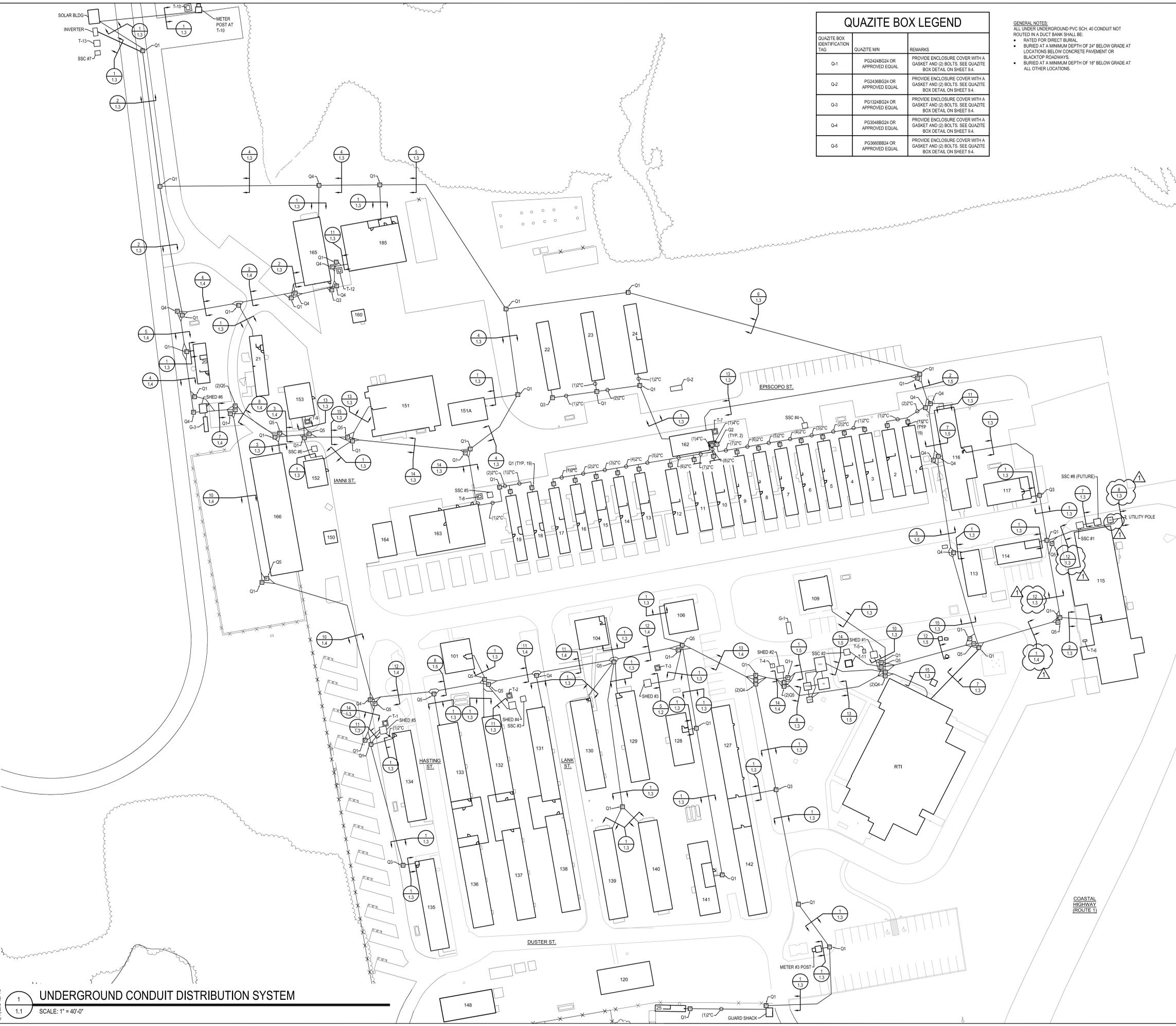
1. Can you specify which type of inlets will be used, and where. On sheet C07 there are two details for inlets but there is nowhere in the plans that call out which will be used and where. **Standard 34"x24" DeIDOT box with Type A Top Unit and Type 1 Grate.**
2. The trench restoration in paved areas does show paving thickness. Please specify thickness of Type-C, and Type-B hot mix. **2" Type B, 3" Type C, 8" GABC, or match existing section whichever is greater.**
3. Page C03 calls out an "area 2" dewatering area. Is this permanent? **No, temporary.** What are the intentions for this area? **The pipe cleaning operation uses a jet washer and a vacuum system to clean the debris from the pipes. The system vacuums the backwash into a tank. The dewatering area is to off-load the tank to allow for the debris and sediment to be filtered from the water. Once it is filtered the debris is hauled away/disposed of and the dewatering area is removed. It is an**

existing impervious pad, there is no ground cover restoration. If the intentions are for dewatering for the entire work onsite, then this will almost be impossible to dewater and pump all the way to this area from the whole site. No, only for the pipe cleaning operation. However, localized dewatering will be required at all utility trenching and is to be managed according to DNREC requirements.

4. Confirm that the cleaning of the pipes is the extent of the work, and that there will be no replacement of the ECMP or basins along those areas. No pipe or inlet replacement proposed for project area 2. However, there is the installation of the outlet stilling basin.
5. Confirm there is no silt fence to be installed. The construction proposed is only trenching operations where no silt fence is required. If a soil stockpile is needed, the appropriate DNREC details shall be followed.

**END**

THE RECORD OF THESE PLANS BY ANY OTHER MEANS THAN THE ORIGINAL DRAWING SHALL BE VOID. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM ALL AFFECTED AGENCIES AND AGENCIES.



QUAZITE BOX LEGEND		
QUAZITE BOX IDENTIFICATION TAG	QUAZITE MN	REMARKS
Q-1	PG2424BG24 OR APPROVED EQUAL	PROVIDE ENCLOSURE COVER WITH A GASKET AND (2) BOLTS. SEE QUAZITE BOX DETAIL ON SHEET 94.
Q-2	PG2498BG24 OR APPROVED EQUAL	PROVIDE ENCLOSURE COVER WITH A GASKET AND (2) BOLTS. SEE QUAZITE BOX DETAIL ON SHEET 94.
Q-3	PG1324BG24 OR APPROVED EQUAL	PROVIDE ENCLOSURE COVER WITH A GASKET AND (2) BOLTS. SEE QUAZITE BOX DETAIL ON SHEET 94.
Q-4	PG3048BG24 OR APPROVED EQUAL	PROVIDE ENCLOSURE COVER WITH A GASKET AND (2) BOLTS. SEE QUAZITE BOX DETAIL ON SHEET 94.
Q-5	PG3668BG24 OR APPROVED EQUAL	PROVIDE ENCLOSURE COVER WITH A GASKET AND (2) BOLTS. SEE QUAZITE BOX DETAIL ON SHEET 94.

**GENERAL NOTES:**  
 ALL UNDERGROUND PVC SCH. 40 CONDUIT NOT ROUTED IN A DUCT BANK SHALL BE:  
 • RATED FOR DIRECT BURIAL.  
 • BURIED AT A MINIMUM DEPTH OF 24" BELOW GRADE AT LOCATIONS BELOW CONCRETE PAVEMENT OR BLACKTOP ROADWAYS.  
 • BURIED AT A MINIMUM DEPTH OF 18" BELOW GRADE AT ALL OTHER LOCATIONS.

Delaware Army National Guard Bethany Beach Training Site Infrastructure & Utility Upgrades & Replacement	
Building Identification	Building Use
1	Billet Trailer
2	Billet Trailer
3	Billet Trailer
4	Billet Trailer
5	Billet Trailer
6	Billet Trailer
7	Billet Trailer
8	Billet Trailer
9	Billet Trailer
10	Billet Trailer
11	Billet Trailer
12	Billet Trailer
13	Billet Trailer
14	Billet Trailer
15	Billet Trailer
16	Billet Trailer
17	Billet Trailer
18	Billet Trailer
19	Billet Trailer
20	Recreation Park Service Building - Navigation Building, Air
21	
22	Billet Trailer
23	Billet Trailer
24	Billet Trailer
25	Care Taker Trailer
101	Chapel
104	
106	Training Site Headquarters - Supply
109	
113	General Instruction Building
114	Administrative Building General Purpose - Billeting Office
115	Dining Facility
116	General Instruction Building
117	Company Headquarters Building - Transient Training
120	
127	Enlisted Barracks - Transient Training
128	Company Headquarters Building - Transient Training
129	Training Site Headquarters
130	Training Site Headquarters
131	Enlisted Barracks - Transient Training
132	Enlisted Barracks - Transient Training
133	Enlisted Barracks - Transient Training
134	General Instruction Building
135	General Instruction Building
136	Enlisted Barracks - Transient Training
137	Enlisted Barracks - Transient Training
138	Enlisted Barracks - Transient Training
139	Enlisted Barracks - Transient Training
140	Enlisted Barracks - Transient Training
141	OCS Latrine Separate Toilet/Shower Building
142	Enlisted Barracks - Transient Training
148	Enlisted Barracks - Transient Training
150	Storage Building - General Purpose
151	Simulator Building (Non Motion Based)
151A	
152	
153	Electrical Equipment Building
160	
162	
163	Engineering/Housing Maintenance Shop
164	
165	Storage Building - General Purpose
166	
185	
RTI BLDG	General Instruction Building
SOLAR BLDG	

ARCHITECT / ENGINEER SEAL  
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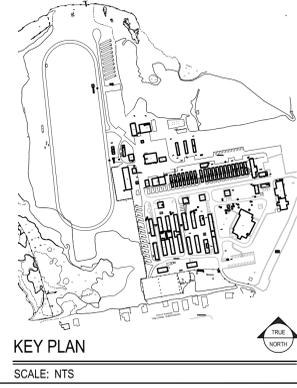
REVISIONS	
▲	ADDENDUM #2 09-14-2018

DELAWARE ARMY NATIONAL GUARD  
 PROJECT # FMO-27845  
 INFRASTRUCTURE UTILITIES UPGRADES  
 DELAWARE ARMY NATIONAL GUARD  
 BETHANY BEACH TRAINING SITE  
 163 SCANNELL BOULEVARD  
 BETHANY BEACH, DELAWARE 19330

UNDERGROUND  
 CONDUIT DISTRIBUTION  
 SYSTEM

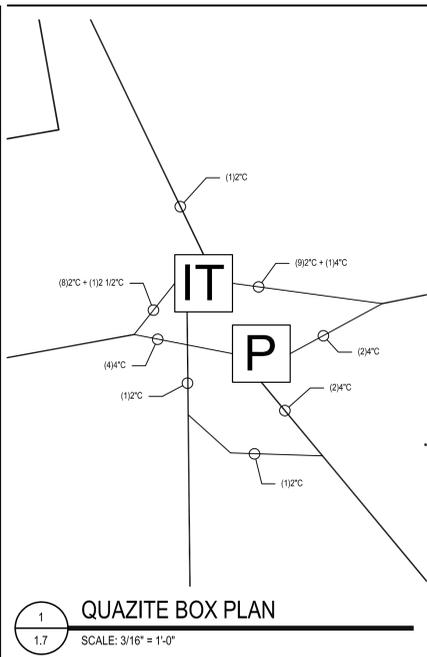
**BIDDING DOCUMENTS**  
 JULY 25, 2018  
 DRAWN: JD  
 CHECKED/DRAWN: PRC  
 DISCIPLINE: G  
 SHEET NO.: 1.1  
 PROJECT NO.: 18002

**1 UNDERGROUND CONDUIT DISTRIBUTION SYSTEM**  
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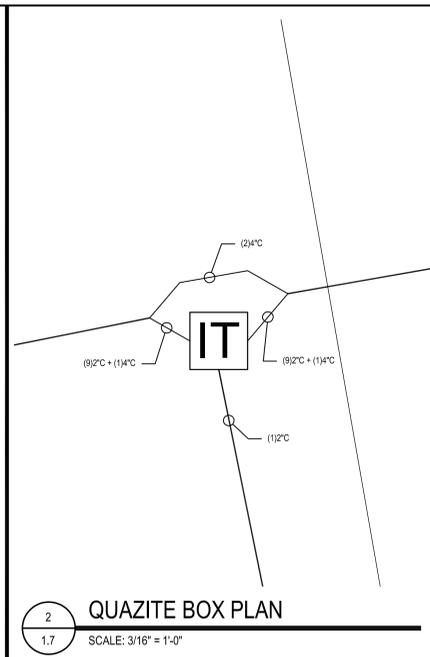




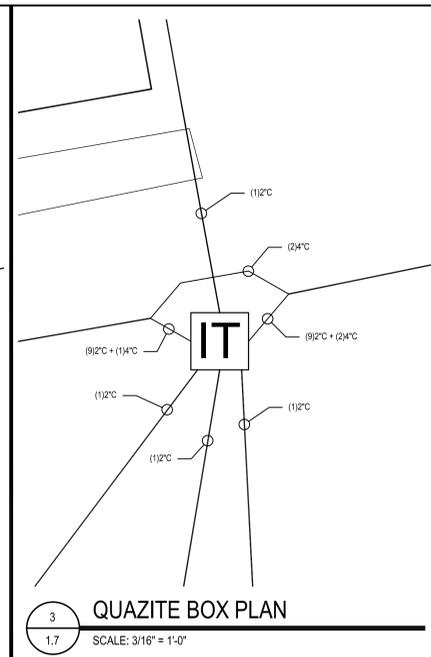
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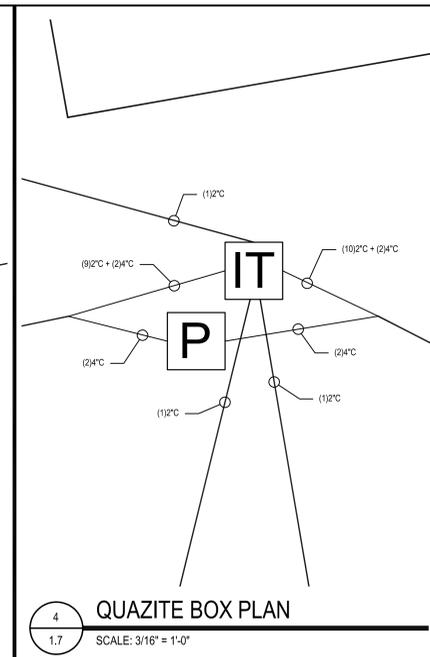
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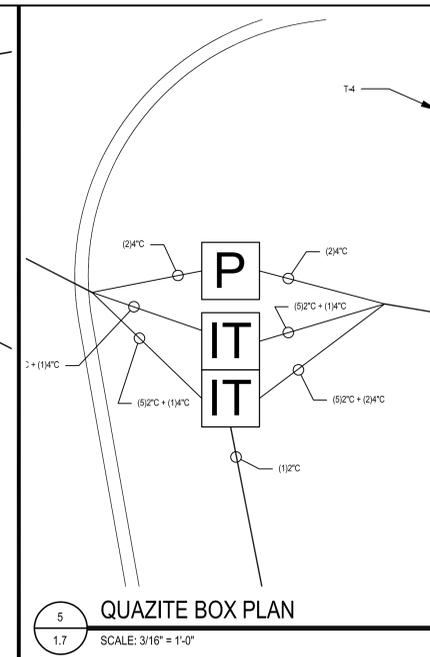
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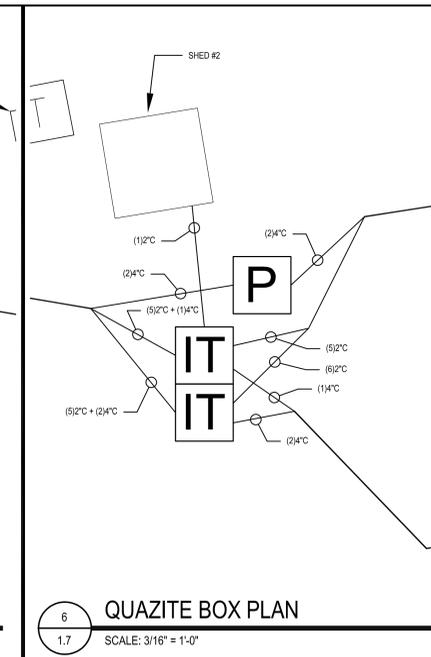
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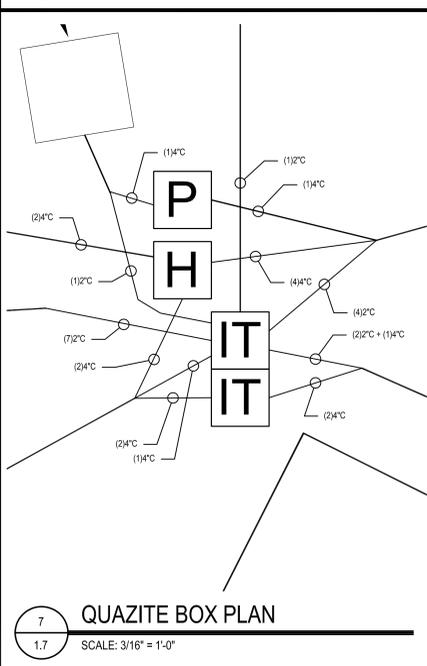
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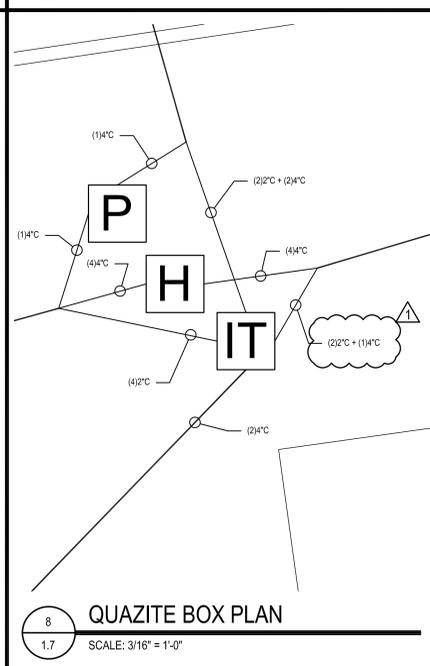
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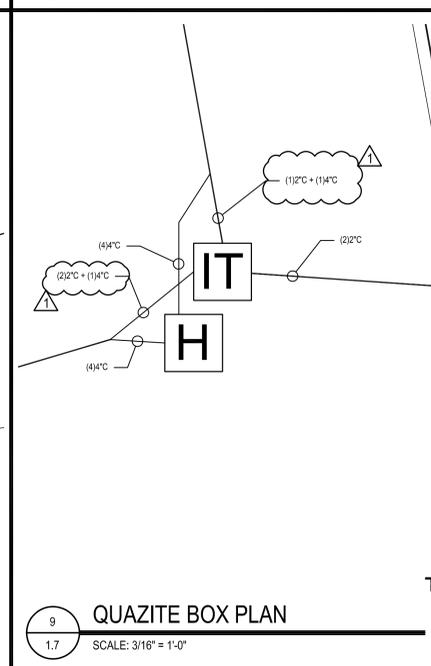
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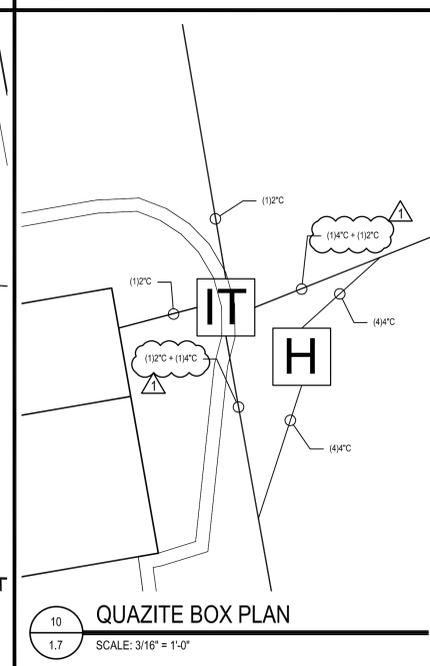
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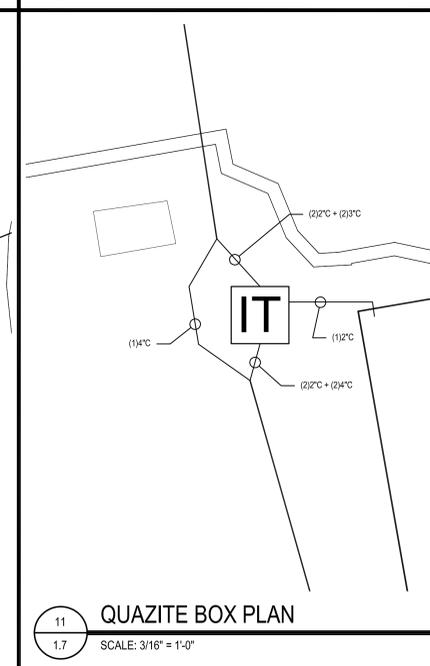
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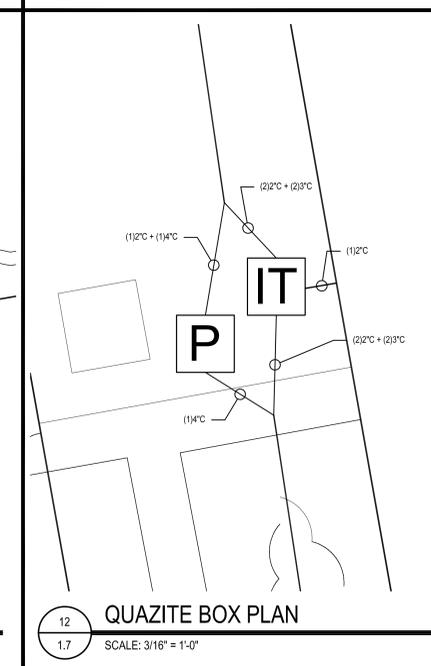
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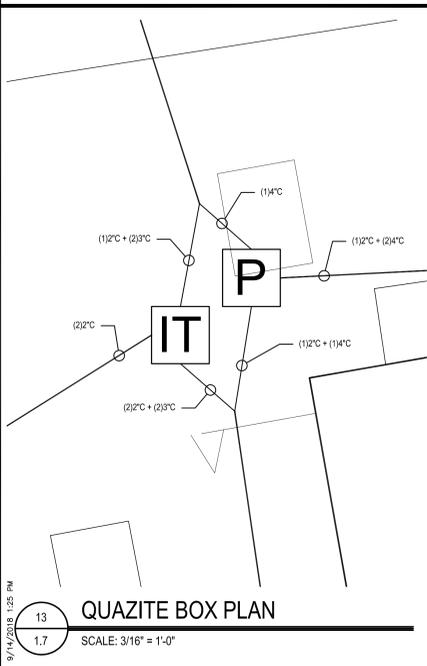
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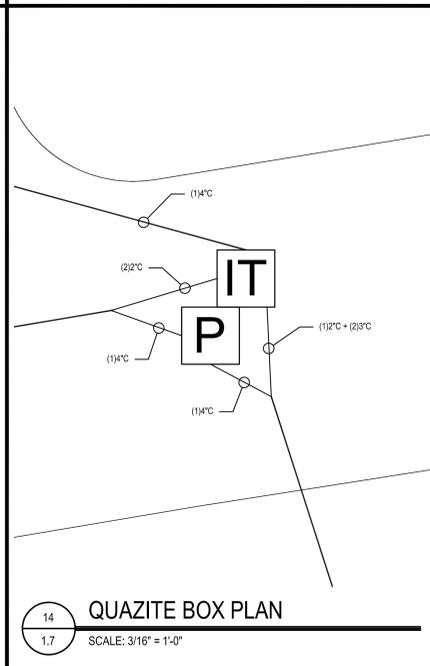
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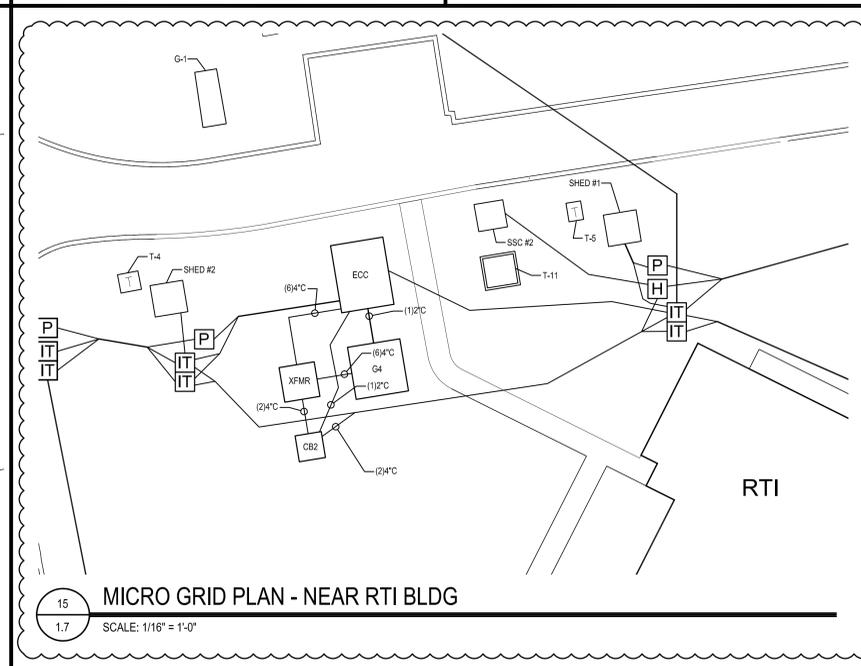
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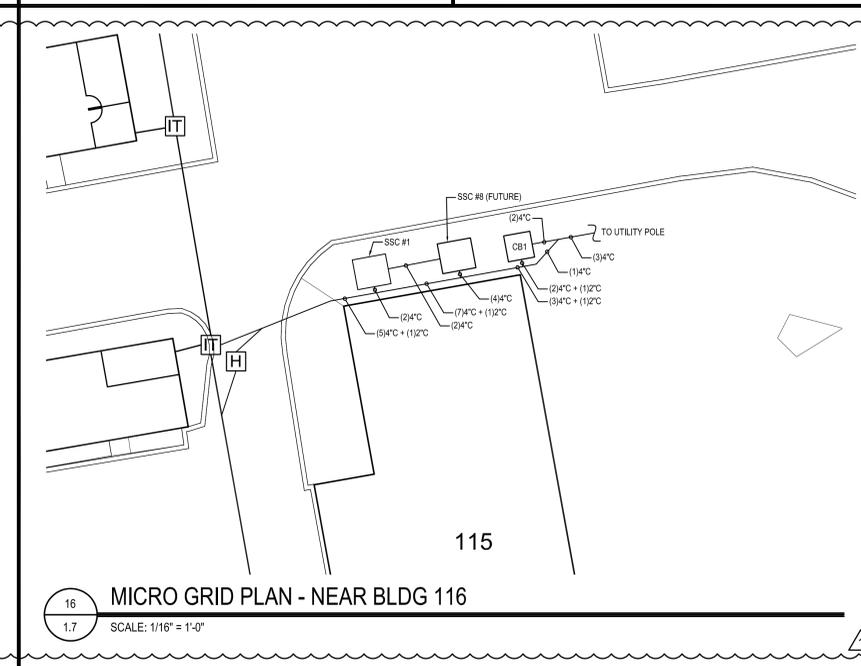
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1.7 SCALE: 3/16" = 1'-0"



14  
1.7 SCALE: 3/16" = 1'-0"



15  
1.7 SCALE: 1/16" = 1'-0"



16  
1.7 SCALE: 1/16" = 1'-0"

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 BETHANY BEACH TRAINING SITE  
 163 SCANNELL BOULEVARD  
 BETHANY BEACH, DELAWARE 19330

ELECTRICAL AND IT  
 QUAZITE BOX ENLARGED PLANS

BIDDING DOCUMENTS  
 JULY 25, 2018  
 DRAWN: JD  
 CHK/DISIGNER: PP  
 DISCIPLINE: E  
 SHEET NO.: 1.7  
 PROJECT NO.: 18002



