



STATE OF DELAWARE  
**DEPARTMENT OF TRANSPORTATION**  
800 BAY ROAD  
P.O. Box 778  
DOVER, DELAWARE 19903

JENNIFER COHAN  
SECRETARY

**VIA WEBSITE POSTING**

March 28, 2017

Contract No. T201711301.01  
Federal Aid Project No. NH-2016(43)  
US 301, Toll Infrastructure  
New Castle County

Ladies and Gentlemen:

Enclosed is Addendum No. 2 for the referenced contract consisting of the following:

1. The Bid Proposal Cover, revised, to be substituted for the same page in the Proposal.
2. The following Plan Sheets have been revised and replaced: 16, 82, 101, 103, 108, 110, 111, 114, 117, 121 and 124.
3. The Plan Sheet changes in this Addendum revise and add conduit and boxes that are included under Item Number 763518-Electrical Work. In addition, Plan Sheet 16, ST-01 includes a revision to the ASTM Designation for Structural Steel.

Please note the revisions listed above and submit your bid based upon this information.

Sincerely,

*~signature on file~*

Robert A. Kovacs  
Competitively Bid Contracts Coordinator  
(302) 760-2031

# STATE OF DELAWARE



## DEPARTMENT OF TRANSPORTATION

### BID PROPOSAL

for

### CONTRACT T201711301.01

FEDERAL AID PROJECT NO. NH-2016(43)

CFDA NO: 20.223

### US 301, TOLL INFRASTRUCTURE

NEW CASTLE COUNTY

ADVERTISEMENT DATE: February 27, 2017

**PROSPECTIVE BIDDERS ARE ADVISED THAT THERE WILL BE A MANDATORY PRE-BID MEETING THURSDAY MARCH 16, 2017 AT 2:00 P.M. IN THE DelDOT ADMINISTRATION BUILDING, 800 BAY ROAD, DOVER, DELAWARE, 19903.**

COMPLETION TIME: 296 Calendar Days

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

Bids will be received in the Bidder's Room at the Delaware Department of Transportation's Administration Building, 800 Bay Road, Dover, Delaware until 2:00 P.M. local time **April 4, 2017**

**GENERAL STRUCTURAL NOTES:**

**GENERAL**

1. THE STRUCTURE IS DESIGNED TO ACT AS A STRUCTURAL UNIT UPON COMPLETION. CONTRACTOR SHALL DESIGN AND PROVIDE NECESSARY BRACING, TEMPORARY SUPPORTS, AND SHORING TO RESIST FORCES, INCLUDING UPLIFT, ON THE STRUCTURE DURING CONSTRUCTION.
2. WORK SHALL BE COORDINATED WITH THE VARIOUS TRADES TO AVOID CONFLICT OR INTERFERENCE WITH REINFORCING STEEL OR STRUCTURAL STEEL MEMBERS.
3. THE LOCATION OF ALL AERIAL FACILITIES SHALL BE IDENTIFIED IN THE FIELD BEFORE CONSTRUCTION COMMENCES AND PSE&G PROXIMITY REQUIREMENTS ADHERED TO.

**DESIGN CRITERIA**

1. APPLICABLE CODES AND SPECIFICATIONS  
IBC 2006 W/ NEW CASTLE COUNTY CODE  
ASCE 7-05, MINIMUM BUILDING LOADS - AS APPLICABLE  
AISC 360-05, MANUAL OF STEEL CONSTRUCTION - LOAD AND RESISTANCE FACTOR DESIGN  
ACI 318-05, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE AND COMMENTARY
2. DESIGN LOADS:  
  
WIND LOAD:  
BASIC WIND SPEED (3 SECOND GUST) - - - - - 90 MPH  
WIND IMPORTANCE FACTOR - - - - - 1.0  
WIND EXPOSURE - - - - - C

**GANTRY NOTES:**

1. PROVIDE MATERIALS AND WORKMANSHIP IN THE ACCORDANCE WITH THE DELAWARE DEPARTMENT OF TRANSPORTATION SPECIFICATIONS, ANSI/AASHTO/AWS/D1.5-2002 BRIDGE WELDING CODE AND CONTRACT SPECIAL PROVISIONS. USE ANSI/AWS/D1.1-2002 FOR WELDING NOT COVERED IN ANSI/AASHTO/AWS/D1.5-2002.
2. DESIGN SPECIFICATIONS: AASHTO "STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES, AND TRAFFIC SIGNALS 2009, 5TH EDITION.
3. ALL DIMENSIONS SHOWN ARE HORIZONTAL, EXCEPT AS NOTED.
4. USE CLASS A CEMENT CONCRETE  $f'c = 4500$  PSI IN PEDESTALS AND FOOTINGS.
5. CHAMFER EXPOSED CONCRETE EDGES 1" x 1" EXCEPT AS NOTED.
6. PROVIDE A MINIMUM OF 2" CONCRETE COVER ON REINFORCEMENT BARS, EXCEPT AS NOTED.
7. PROVIDE GRADE 60 REINFORCEMENT BARS THAT MEET THE REQUIREMENTS OF ASTM A615/A 615-96A FOR CONCRETE REINFORCEMENT. DO NOT WELD REINFORCEMENT BARS.
8. USE UNCOATED REINFORCEMENT BARS.
9. PROVIDE MINIMUM LAP AND EMBEDMENT LENGTH OF 20 DIAMETERS OR IN ACCORDANCE WITH AASHTO.
10. RAKE-FINISH ALL HORIZONTAL CONSTRUCTION JOINTS EXCEPT AS NOTED.
11. THE DESIGN WIND VELOCITY IS 90 MPH.
12. THE DESIGN ICE LOAD IS 3 PSF.
13. ALL STRUCTURAL DETAILS HAVE BEEN DESIGNED FOR FATIGUE RESISTANCE UNDER THE FOLLOWING FATIGUE LOADS:  
- NATURAL WIND GUST (5.2 \* Cd PSF)  
- TRUCK INDUCED GUSTS (18.8 \* Cd PSF)
14. PROVIDE STRUCTURAL STEEL CONFORMING TO THE FOLLOWING:  
- ASTM A 500, GRADE B,  $F_y = 46$  KSI FOR PIPE COLUMNS, CHORDS AND STRUTS.  
- AASHTO M 270M, GRADE 36, (ASTM A 709M, GRADE 36) FOR SHAPES AND PLATES.  
ALL STEEL SHALL MEET SUPPLEMENTARY REQUIREMENTS FOR NOTCH TOUGHNESS. (CHARPY TESTING, ZONE #2 NON-FRACTURE CRITICAL).  
- STRUCTURE SHALL BE GALVANIZED TO CONFORM TO ASTM A123.
15. PROVIDE ANCHOR BOLT HOLES 1/4" LARGER THAN BOLT DIAMETER FOR BASE PLATE. PROVIDE BOLT HOLES 1/4" LARGER THAN BOLT DIAMETER FOR ANCHOR PLATE.
16. USE TEMPLATES TO ACCURATELY SET BASE PLATE ANCHOR BOLTS TO CORRECT ELEVATION AND ALIGNMENT. SECURELY BRACE ANCHOR BOLTS AGAINST DISPLACEMENT BEFORE PEDESTAL CONCRETE IS PLACE, AND DURING CONCRETE CURING, THE CONTRACTOR SHALL FURNISH THE TEMPLATE AND ASSURE PROPER FIT-UP OF THE ANCHOR BOLTS AND GANTRY STRUCTURE.
17. GROUT PADS SHALL NOT BE USED. BASE PLATES AND EXPOSED ANCHOR BOLTS SHALL BE PLACED SO RUN-OFF AND/OR RAIN WATER CANNOT RUN ONTO OR POND AT THIS AREA.
18. PROVIDE DOUBLE NUTS AND WASHERS FOR EACH ANCHOR BOLT.
19. GALVANIZED HIGH STRENGTH BOLTS SHALL CONFORM TO AASHTO M164/ASTM A325.
20. GALVANIZED HEAT TREATED NUTS SHALL CONFORM TO AASHTO M292/ASTM A1494 OR AASHTO M291/ASTM A563 GRADE 2H, D.H. GALVANIZED HARDENED STEEL WASHERS SHALL CONFORM TO AASHTO M293/ASTM F436.
21. GALVANIZED ANCHOR BOLTS, NUTS AND WASHERS SHALL CONFORM TO ASTM F1554 GRADE 55.
22. INSTALL ACCESS HOLES ON POLE OPPOSITE DIRECTION OF TRAFFIC.
23. DIMENSIONS ARE BASED ON A NORMAL TEMPERATURE OF 68° F.
24. VERIFY ALL ELEVATIONS AND DIMENSIONS IN THE FIELD.
25. FOOTINGS WILL BE POURED AGAINST FILL COMPACTED TO 98% RELATIVE MAXIMUM DENSITY OR ON UNDISTURBED MATERIAL.
26. DIVERT ALL SURFACE RUNOFF AWAY FROM EXCAVATIONS. PERFORM ALL EXCAVATIONS IN ACCORDANCE WITH OSHA REQUIREMENTS. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING SUFFICIENT DEWATERING SO THAT EXCAVATIONS ARE DRY ENOUGH FOR INSPECTION AND CONSTRUCTION.
27. COORDINATE, LOCATE AND CONDUCT ALL WORK RELATED TO PUBLIC AND PRIVATE UTILITIES IN ACCORDANCE WITH DELDOT UTILITIES MANUAL.

28. VERIFY AND LOCATE ALL EXISTING UTILITIES PRIOR TO STARTING WORK. CONDUCT OPERATIONS IN A MANNER WHICH ENSURES THAT THE UTILITIES WILL NOT BE DISTURBED OR ENDANGERED, AND ASSUME FULL RESPONSIBILITY FOR ANY DAMAGE TO UTILITIES DURING CONSTRUCTION. THE DEPARTMENT DOES NOT ASSUME RESPONSIBILITY FOR REIMBURSEMENT, PARTICIPATION IN DESIGN AND/OR REVISIONS, OR LIABILITY FOR ACCURACY OF TYPE, SIZE AND LOCATION OF ANY UTILITY.
29. WELDING OF STEEL SHALL BE AS SPECIFIED IN THE CONSTRUCTION SPECIFICATIONS.
30. PIPE, COLUMNS AND CHORDS ARE DENOTED BY DIAMETER AND THICKNESS.
31. DESIGN AND PROVIDE TEMPORARY SUPPORTS AS REQUIRED TO RETAIN EXCAVATED EARTH SURFACES IN ACCORDANCE WITH SPECIFICATIONS.
32. PROVIDE CONNECTIONS AT SUPPORTS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. SHOP DRAWINGS FOR STRUCTURAL STEEL SHALL BE SUBMITTED FOR APPROVAL.
33. VERIFY THE LOCATION OF ALL CONDUIT ROUGH-INS WITH THE EQUIPMENT MANUFACTURER AND COMMISSION'S REPRESENTATIVE, PRIOR TO PLACEMENT OF CONCRETE FOUNDATIONS.
34. PRIOR TO FABRICATION, CONTRACTOR MUST VERIFY CLEARANCE AND ADJUST THE PROPOSED MOUNTING HEIGHT ACCORDINGLY AND AS DIRECTED BY DELDOT.
35. TRUSS CAMBER SHALL BE INCORPORATED DURING FABRICATION. THE CONTRACTOR SHALL ACHIEVE CAMBER BY TILTING THE POLE AND ADJUSTING LEVELING NUTS DURING INSTALLATION.

**STRUCTURAL ABBREVIATIONS**

AL. OR ALUM.	ALUMINUM	LG.	LONG
APPROX.	APPROXIMATE	LLH	LONG LEG HORIZONTAL
B/B	BACK TO BACK	LLV	LONG LEG VERTICAL
BOTT.	BOTTOM	LP	LOW POINT
B/	BOTTOM OF	MAX.	MAXIMUM
BTWN	BETWEEN	MIN.	MINIMUM
CJ	CONSTRUCTION JOINT	NO.	NUMBER
C/C	CENTER TO CENTER	N.T.S.	NOT TO SCALE
CIR	CIRCULAR	O/C	ON CENTER
CL	CENTERLINE	O.D.	OUTSIDE DIAMETER
CLR	CLEAR	OPP.	OPPOSITE
CMU	CONCRETE MASONRY UNIT	R	PLATE
COL	COLUMN	PSF	POUNDS PER SQUARE FOOT
CONC.	CONCRETE	PSI	POUNDS PER SQUARE INCH
CONST.	CONSTRUCTION	R	RISER
CONT	CONTINUOUS	RAD.	RADIUS
DIA.	DIAMETER	REINF.	REINFORCEMENT
EA.	EACH	REQ'D	REQUIRED
EF	EACH FACE	SC	SLIP CRITICAL
EL OR ELEV	ELEVATION	SCH	SCHEDULE
EMBED.	EMBEDMENT	SF	SQUARE FOOT
EQ.	EQUAL	SIM	SIMILAR
EQUIP.	EQUIPMENT	SPA.	SPACES
EW	EACH WAY	SQ.	SQUARE
EXIST	EXISTING	S.S.	STAINLESS STEEL
EXP.	EXPANSION	ST	STRUCTURAL TUBE
EXT.	EXTERIOR	STD.	STANDARD
FD	FLOOR DRAIN	T	TREAD
FIN.	FINISHED	T&B	TOP AND BOTTOM
FLR.	FLOOR	T/	TOP OF
FT	FEET	TYP.	TYPICAL
FTG.	FOOTING	U.N.O.	UNLESS NOTED OTHERWISE
HORIZ.	HORIZONTAL	W/	WITH
HP	HIGH POINT	WWF	WELDED WIRE FABRIC
HSS	HOLLOW STRUCTURAL STEEL		
I.D.	INSIDE DIAMETER		
INT.	INTERIOR		
JT.	JOINT		
KSF	THOUSAND POUNDS PER SQUARE FOOT		
$\frac{1}{16}$	DETAIL NUMBER/SHEET NUMBER		

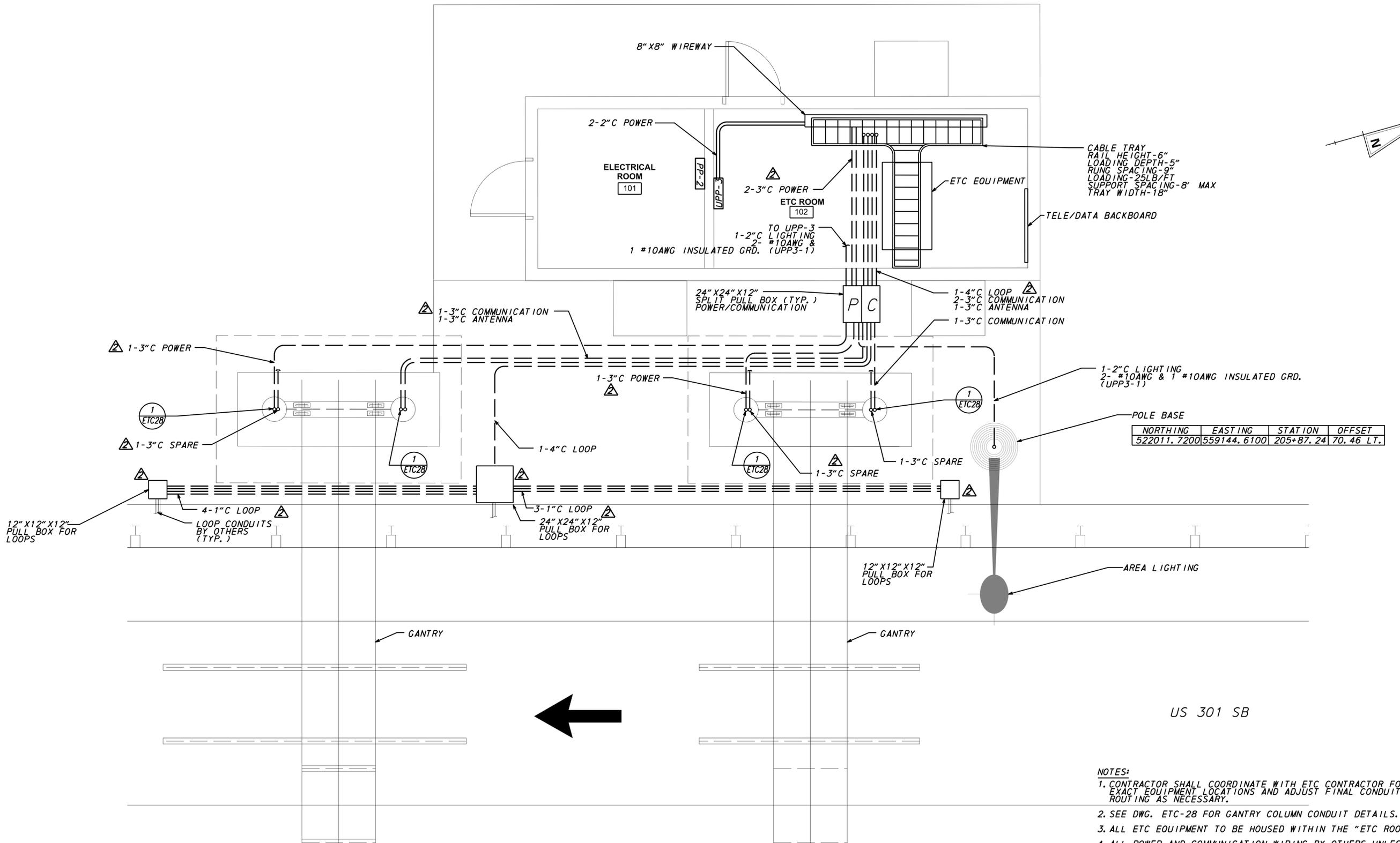
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 <p><b>DELAWARE</b> DEPARTMENT OF TRANSPORTATION</p>	ADDENDUMS / REVISIONS	<p><b>US 301</b> TOLL INFRASTRUCTURE</p>	CONTRACT	BRIDGE NO.	<p><b>STRUCTURAL</b> GENERAL NOTES &amp; ABBREVIATIONS</p>	SHEET NO.
	$\Delta$ REVISED TUBING TO ASTM A 500. BT 3/23/17		T201711301	DESIGNED BY: AB		16
			COUNTY	CHECKED BY: CAM		TOTAL SHTS.
			NEW CASTLE			126

ST-01



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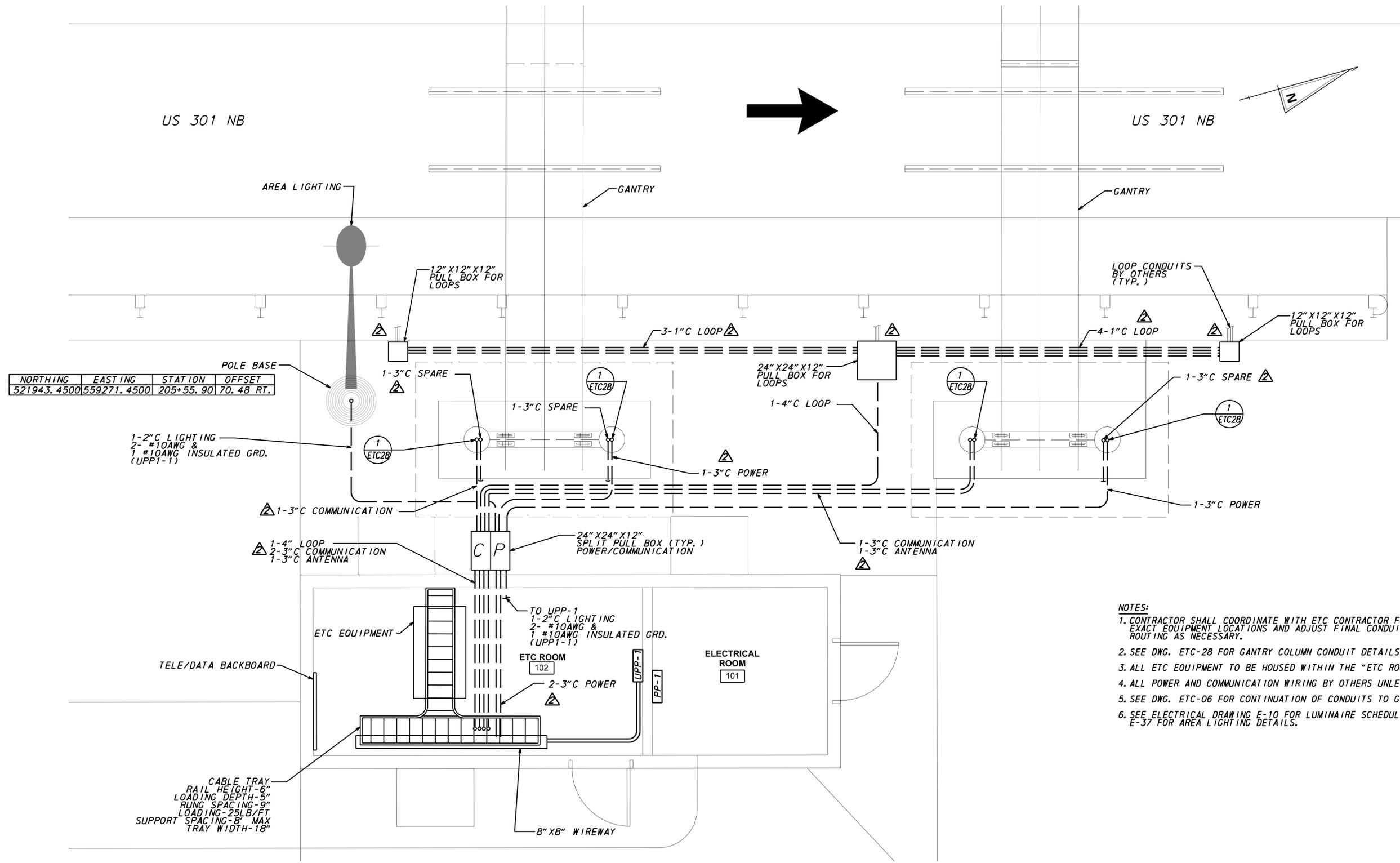
NORTHING	EASTING	STATION	OFFSET
522011.7200	559144.6100	205+87.24	70.46 LT.

- NOTES:**
- CONTRACTOR SHALL COORDINATE WITH ETC CONTRACTOR FOR EXACT EQUIPMENT LOCATIONS AND ADJUST FINAL CONDUIT ROUTING AS NECESSARY.
  - SEE DWG. ETC-28 FOR GANTRY COLUMN CONDUIT DETAILS.
  - ALL ETC EQUIPMENT TO BE HOUSED WITHIN THE "ETC ROOM".
  - ALL POWER AND COMMUNICATION WIRING BY OTHERS UNLESS OTHERWISE NOTED.
  - SEE DWG. ETC-04 FOR CONTINUATION OF CONDUITS.
  - SEE ELECTRICAL DRAWING E-10 FOR LUMINAIRE SCHEDULE AND E-37 FOR AREA LIGHTING DETAILS.

ADDENDUMS / REVISIONS	
▲	ADDED PULL BOXES AND CONDUITS FOR LOOPS AND REVISED COUDUITS. WHD 3/22/17

CONTRACT T201711301	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: VJP CHECKED BY: JTB

12/02/16	ETC-03
<b>ETC SITE &amp; HUT 301 SB AET CONDUIT PLAN</b>	
SHEET NO. 101	TOTAL SHTS. 126



NORTHING	EASTING	STATION	OFFSET
521943.4500	559271.4500	205+55.90	70.48 RT.

- NOTES:**
1. CONTRACTOR SHALL COORDINATE WITH ETC CONTRACTOR FOR EXACT EQUIPMENT LOCATIONS AND ADJUST FINAL CONDUIT ROUTING AS NECESSARY.
  2. SEE DWG. ETC-28 FOR GANTRY COLUMN CONDUIT DETAILS.
  3. ALL ETC EQUIPMENT TO BE HOUSED WITHIN THE "ETC ROOM".
  4. ALL POWER AND COMMUNICATION WIRING BY OTHERS UNLESS OTHERWISE NOTED.
  5. SEE DWG. ETC-06 FOR CONTINUATION OF CONDUITS TO GANTRY.
  6. SEE ELECTRICAL DRAWING E-10 FOR LUMINAIRE SCHEDULE AND E-37 FOR AREA LIGHTING DETAILS.

**ETC SITE & HUT 301 NB - AET CONDUIT PLAN**  
SCALE: 3/8" = 1'-0"

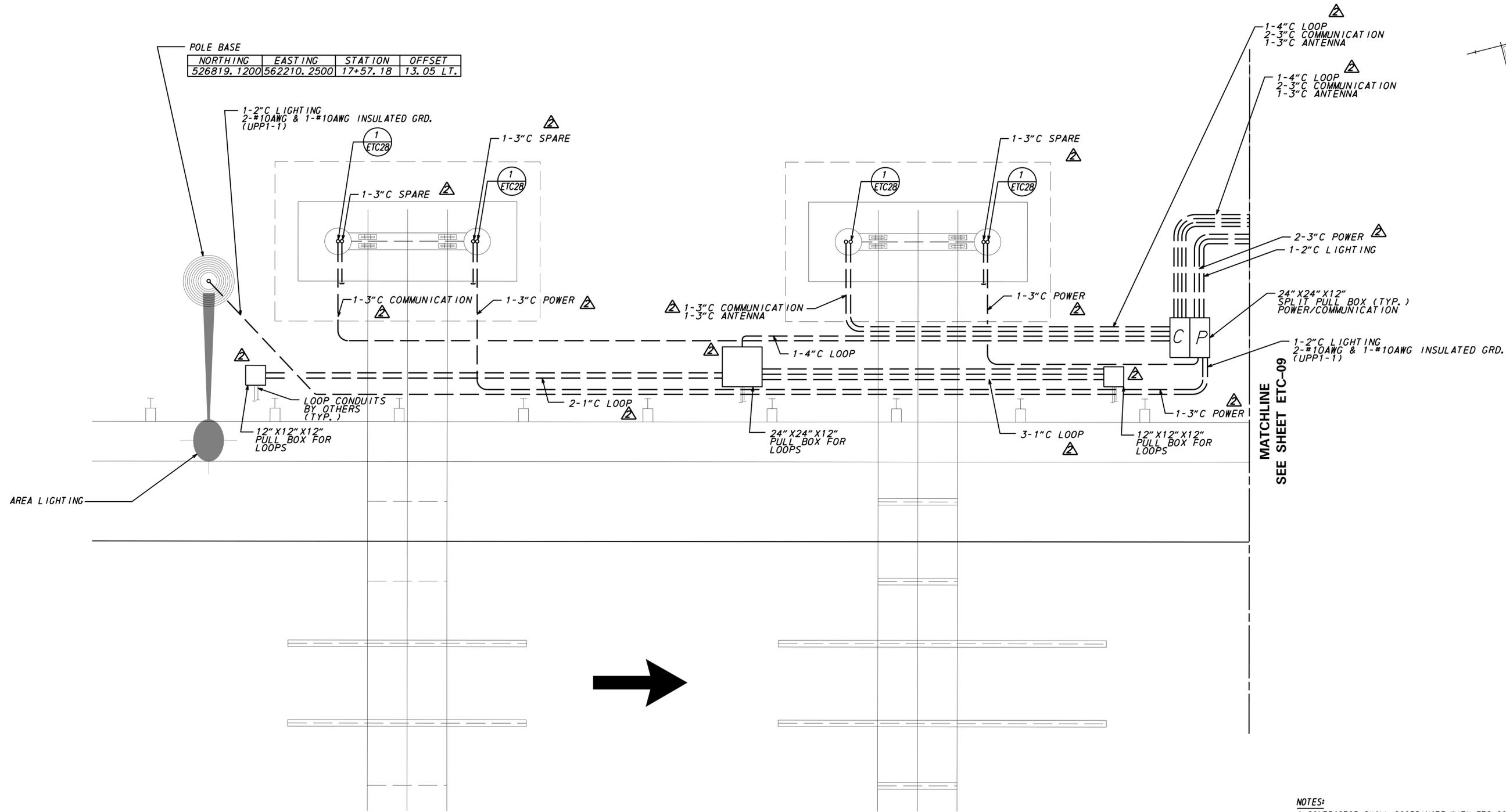
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ADDENDUMS / REVISIONS	
△	ADDED PULL BOXES AND CONDUITS FOR LOOPS AND REVISED COUDUITS. WHD 3/23/17

CONTRACT T201711301	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: JTB CHECKED BY: RAK

12/02/16	ETC-05
<b>ETC SITE &amp; HUT 301 NB AET CONDUIT PLAN</b>	
SHEET NO. 103	TOTAL SHTS. 126

NORTHING	EASTING	STATION	OFFSET
526819.1200	562210.2500	17+57.18	13.05 LT.



MATCHLINE  
SEE SHEET ETC-09

**ETC SITE CONDUIT PLAN AET RAMP 'C'**  
SCALE: 3/8" = 1'-0"

- NOTES:**
1. CONTRACTOR SHALL COORDINATE WITH ETC CONTRACTOR FOR EXACT EQUIPMENT LOCATIONS AND ADJUST FINAL CONDUIT ROUTING AS NECESSARY.
  2. SEE DWG. ETC-28 FOR GANTRY COLUMN CONDUIT DETAILS..
  3. ALL POWER AND COMMUNICATION WIRING BY OTHERS UNLESS OTHERWISE NOTED.
  4. SEE DWG. ETC-11 FOR CONTINUATION OF CONDUITS TO GANTRY.
  5. SEE ELECTRICAL DRAWING E-25 FOR LUMINAIRE SCHEDULE AND E-37 FOR AREA LIGHTING DETAILS.

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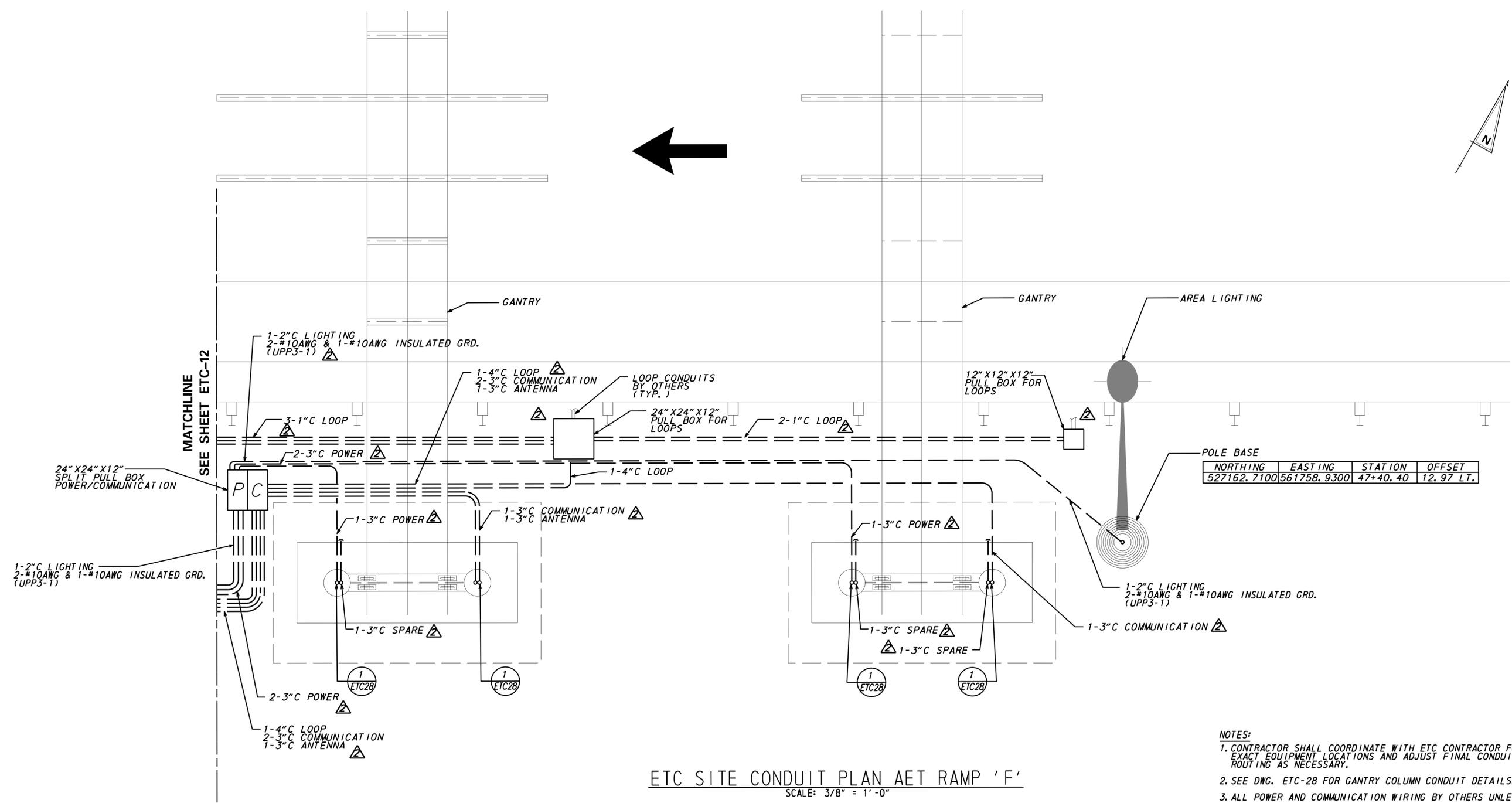
ADDENDUMS / REVISIONS	
△	ADDED PULL BOXES AND CONDUITS FOR LOOPS AND REVISED COUDUITS. WHD 3/23/17

CONTRACT	BRIDGE NO.
T201711301	
COUNTY	DESIGNED BY: JTB
NEW CASTLE	CHECKED BY: RAK

120216	ETC-10
<b>ETC SITE CONDUIT PLAN AET RAMP 'C'</b>	
SHEET NO.	108
TOTAL SHTS.	126



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NORTHING	EASTING	STATION	OFFSET
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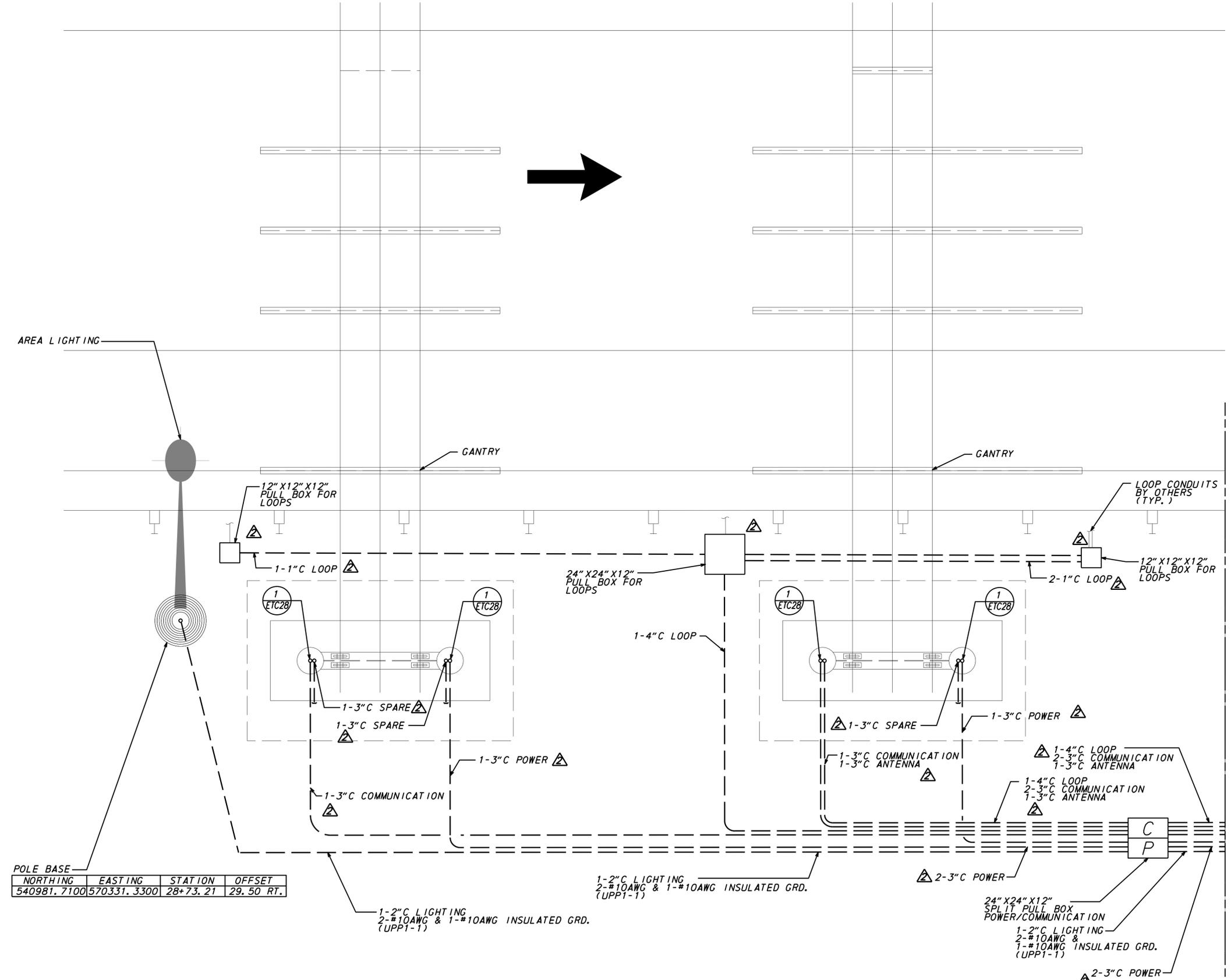
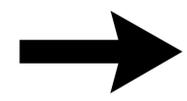
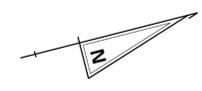
ETC SITE CONDUIT PLAN AET RAMP 'F'  
 SCALE: 3/8" = 1'-0"

- NOTES:**
- CONTRACTOR SHALL COORDINATE WITH ETC CONTRACTOR FOR EXACT EQUIPMENT LOCATIONS AND ADJUST FINAL CONDUIT ROUTING AS NECESSARY.
  - SEE DWG. ETC-28 FOR GANTRY COLUMN CONDUIT DETAILS.
  - ALL POWER AND COMMUNICATION WIRING BY OTHERS UNLESS OTHERWISE NOTED.
  - SEE DWG. ETC-14 FOR CONTINUATION OF CONDUITS TO GANTRY.
  - SEE ELECTRICAL DRAWING E-25 FOR LUMINAIRE SCHEDULE AND E-37 FOR AREA LIGHTING DETAILS.

ADDENDUMS / REVISIONS
△ ADDED PULL BOXES AND CONDUITS FOR LOOPS AND REVISED COUDUITS. WHD 3/23/17

CONTRACT	T20171301
COUNTY	NEW CASTLE
BRIDGE NO.	
DESIGNED BY:	JTB
CHECKED BY:	RAK

12/02/16	ETC-13
<b>ETC SITE CONDUIT PLAN AET RAMP 'F'</b>	
SHEET NO.	111
TOTAL SHTS.	126



NORTHING	EASTING	STATION	OFFSET
540981.7100	570331.3300	28+73.21	29.50 RT.

ETC SITE CONDUIT PLAN AET RAMP 'I'  
SCALE: 3/8" = 1'-0"

MATCHLINE  
SEE SHEET ETC-15

**NOTES:**

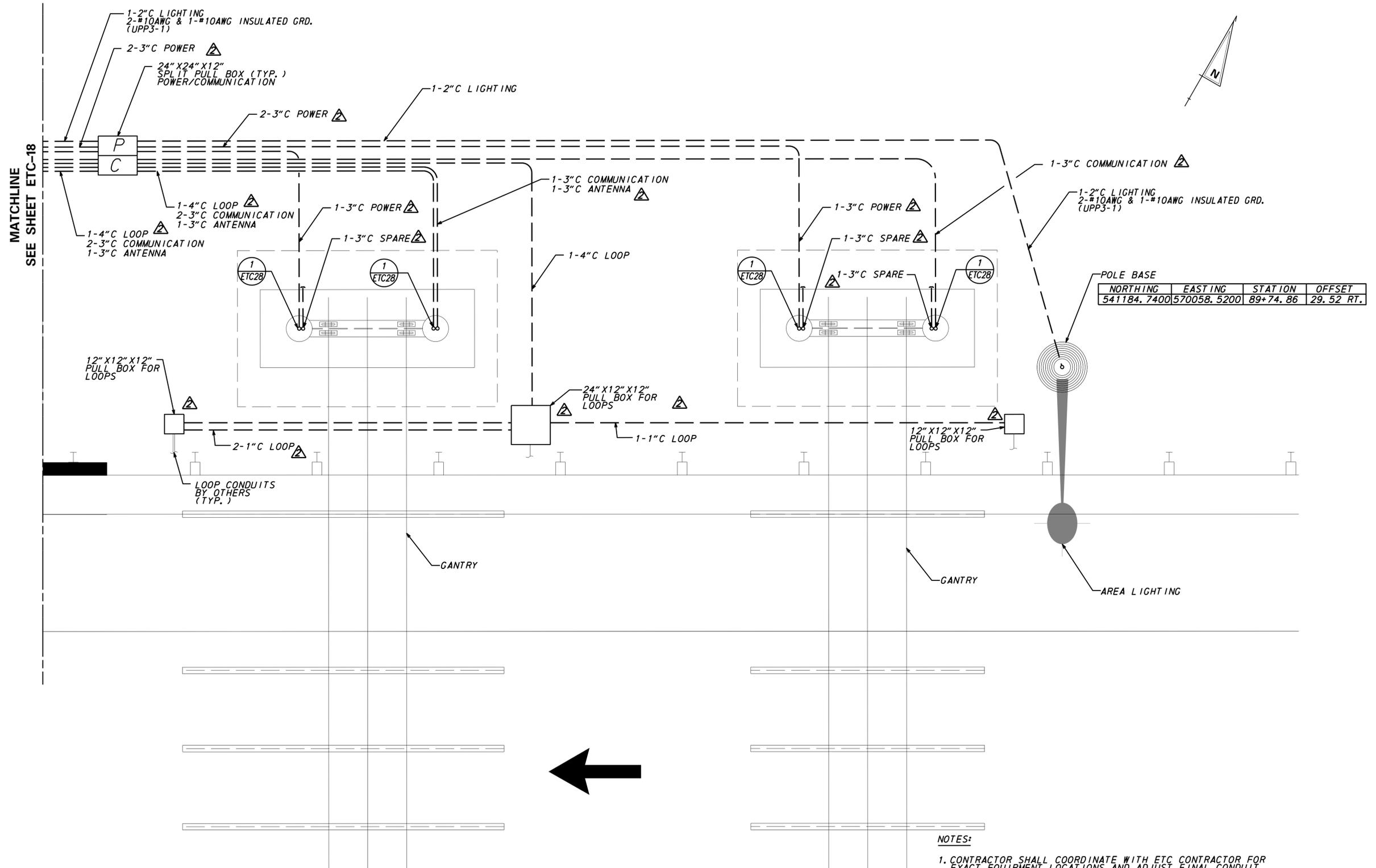
1. CONTRACTOR SHALL COORDINATE WITH ETC CONTRACTOR FOR EXACT EQUIPMENT LOCATIONS AND ADJUST FINAL CONDUIT ROUTING AS NECESSARY.
2. SEE DWG. ETC-28 FOR GANTRY COLUMN CONDUIT DETAILS.
3. ALL POWER AND COMMUNICATION WIRING BY OTHERS UNLESS OTHERWISE NOTED.
4. SEE DWG. ETC-17 FOR CONTINUATION OF CONDUITS TO GANTRY.
5. SEE ELECTRICAL DRAWING E-25 FOR LUMINAIRE SCHEDULE AND E-37 FOR AREA LIGHTING DETAILS.

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ADDENDUMS / REVISIONS	
▲	ADDED PULL BOXES AND CONDUITS FOR LOOPS AND REVISED COUDITS. WHD 3/23/27

CONTRACT	T201711301	BRIDGE NO.	
COUNTY	NEW CASTLE	DESIGNED BY:	JTB
		CHECKED BY:	RAK

120216	ETC-16
<b>ETC</b> <b>SITE CONDUIT PLAN</b> <b>AET RAMP 'I'</b>	
SHEET NO.	114
TOTAL SHTS.	126



NORTHING	EASTING	STATION	OFFSET
541184.7400	570058.5200	89+74.86	29.52 RT.

- NOTES:**
1. CONTRACTOR SHALL COORDINATE WITH ETC CONTRACTOR FOR EXACT EQUIPMENT LOCATIONS AND ADJUST FINAL CONDUIT ROUTING AS NECESSARY.
  2. SEE DWG. ETC-28 FOR GANTRY COLUMN CONDUIT DETAILS.
  3. ALL POWER AND COMMUNICATION WIRING BY OTHERS UNLESS OTHERWISE NOTED.
  4. SEE DWG. ETC-20 FOR CONTINUATION OF CONDUITS TO GANTRY.
  5. SEE ELECTRICAL DRAWING E-25 FOR LUMINAIRE SCHEDULE AND E-37 FOR AREA LIGHTING DETAILS.

ETC SITE CONDUIT PLAN AET RAMP 'L'  
SCALE: 3/8" = 1'-0"

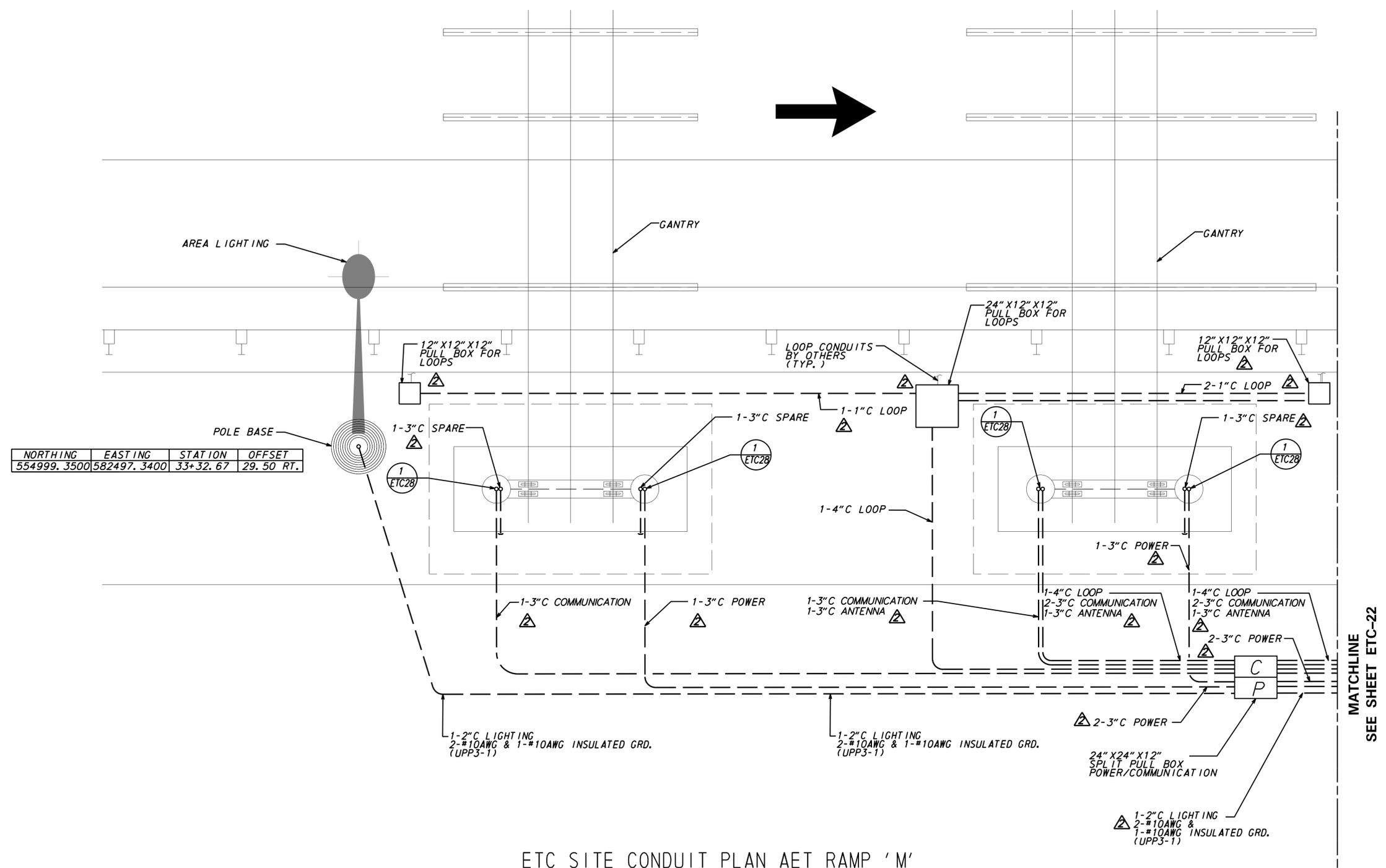
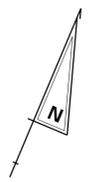
MATCHLINE  
SEE SHEET ETC-18

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ADDENDUMS / REVISIONS	
▲	ADDED PULL BOXES AND CONDUITS FOR LOOPS AND REVISED COUDITS. WHD 3/23/17

CONTRACT T201711301	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: JTB CHECKED BY: RAK

1202/16	ETC-19
<b>ETC</b> <b>SITE CONDUIT PLAN</b> <b>AET RAMP 'L'</b>	
SHEET NO. 117	TOTAL SHTS. 126



ETC SITE CONDUIT PLAN AET RAMP 'M'  
SCALE: 3/8" = 1'-0"

**NOTES:**

1. CONTRACTOR SHALL COORDINATE WITH ETC CONTRACTOR FOR EXACT EQUIPMENT LOCATIONS AND ADJUST FINAL CONDUIT ROUTING AS NECESSARY.
2. SEE DWG. ETC-28 FOR GANTRY COLUMN CONDUIT DETAILS.
3. ALL POWER AND COMMUNICATION WIRING BY OTHERS UNLESS OTHERWISE NOTED.
4. SEE DWG. ETC-24 FOR CONTINUATION OF CONDUITS TO GANTRY.
5. SEE ELECTRICAL DRAWING E-35 FOR LUMINAIRE SCHEDULE AND E-37 FOR AREA LIGHTING DETAILS.

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ADDENDUMS / REVISIONS	
△	ADDED PULL BOXES AND CONDUITS FOR LOOPS AND REVISED COUDITS. WHD 3/23/17

CONTRACT	BRIDGE NO.
T20171301	
COUNTY	DESIGNED BY: JTB
NEW CASTLE	CHECKED BY: RAK

120216	ETC-23
<b>ETC SITE CONDUIT PLAN AET RAMP 'M'</b>	
SHEET NO.	121
TOTAL SHTS.	126

