

February 9, 2018

Melanie A. Bachman Acting Executive Director Connecticut Siting Council Ten Franklin Square New Britain, CT 06051

EM-SPRINT-027-171227 46 Meadow Road, Clinton, CT 06413 41 16 30.74 N -72 29 51.76 W Sprint #: CT54XC764_2.5

Dear Ms. Bachman:

Per the Council's request, attached please find confirmation of completion of Tower Engineering Solutions' (TES) Project #32039 per Council acknowledgement of EM-SBA-027-170927 with respect to EM-SPRINT-027-171227.

Please let us know if you require anything further ahead of Sprint's forthcoming construction.

Thank you,

Kri Pelletier

Property Specialist

SBA COMMUNICATIONS CORPORATION

134 Flanders Rd., Suite 125

Westborough, MA 01581

508.251.0720 x3804 + T

508.366.2610 + F

203.446.7700 + C

kpelletier@sbasite.com





CONNECTICUT SITING COUNCIL
Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950
E-Mail: siting.council@ct.gov
www.ct.gov/csc

Kri Pelletier
Property Specialist
SBA Communications

134 Flanders Road, Suite 125 Westborough, MA 01581

RE: **EM-SPRINT-027-171227** – Sprint notice of intent to modify an existing telecommunications facility located at 46 Meadow Road, Clinton, Connecticut.

Dear Ms. Pelletier:

The Connecticut Siting Council (Council) hereby acknowledges your notice to modify this existing telecommunications facility, pursuant to Section 16-50j-73 of the Regulations of Connecticut State Agencies with the following conditions:

- 1. Sprint shall confirm that the Tower Engineering Solutions (TES) Project #32039, dated 7/11/17 per Council acknowledgement of EM-SBA-027-170927 is completed prior to installation of the antennas;
- 2. Any deviation from the proposed modification as specified in this notice and supporting materials with the Council shall render this acknowledgement invalid;
- 3. Any material changes to this modification as proposed shall require the filing of a new notice with the Council;
- 4. Within 45 days after completion of construction, the Council shall be notified in writing that construction has been completed;
- 5. Any nonfunctioning antenna and associated antenna mounting equipment on this facility owned and operated by Sprint shall be removed within 60 days of the date the antenna ceased to function;
- 6. The validity of this action shall expire one year from the date of this letter; and
- 7. The applicant may file a request for an extension of time beyond the one year deadline provided that such request is submitted to the Council not less than 60 days prior to the expiration.

The proposed modifications including the placement of all necessary equipment and shelters within the tower compound are to be implemented as specified here and in your notice dated December 22, 2017. The modifications are in compliance with the exception criteria in Section 16-50j-72 (b) of the Regulations of Connecticut State Agencies as changes to an existing facility site that would not increase tower height, extend the boundaries of the tower site by any dimension, increase noise levels at the tower site boundary by six decibels or more, and increase the total radio frequencies electromagnetic radiation power density measured at the tower site boundary to or above the standards adopted by the Federal Communications Commission pursuant to Section 704 of the Telecommunications Act of 1996 and by the state Department of Energy and Environmental Protection pursuant to Connecticut General Statutes § 22a-162. This facility has also been carefully modeled to ensure that radio frequency emissions are conservatively below state and federal standards applicable to the frequencies now used on this tower.



This decision is under the exclusive jurisdiction of the Council. Please be advised that the validity of this action shall expire one year from the date of this letter. Any additional change to this facility will require explicit notice to this agency pursuant to Regulations of Connecticut State Agencies Section 16-50j-73. Such notice shall include all relevant information regarding the proposed change with cumulative worst-case modeling of radio frequency exposure at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin 65. Thank you for your attention and cooperation.

Sincerely,

Melanie A. Bachman Executive Director

will but

MAB/FOC/bm

c: The Honorable Christine Goupil, First Selectman, Town of Clinton Jullie Pudem, Land Use Technician, Town of Clinton Michael & Robert Charney (Nichols Auto Parts, Inc.), Property Owner



Tower Engineering Solutions

Phone (972) 483-0607, Fax (972) 975-9615 8445 Freeport Parkway, Suite 375, Irving, Texas 75063

Modification Inspection Report

Existing 195 ft Sabre Self Supporting Tower

Customer Name: SBA Communications Corp

Customer Site Number: CT01879-S

Customer Site Name: Clinton 4 CT

Carrier Name: AT&T

Carrier Site ID / Name: FA# 10049127 USID# CT2230 / 2230 Clinton-Meadow

Site Location: 46 Meadow Road

Clinton, Connecticut

Middlesex County

Latitude: 41.275205

Longitude: -72.497711

Inspection Result: [Pass]

Report Prepared By: Ram Kodali



Introduction and Conclusion

The purpose of this Modification Inspection Report is to confirm that the modification installation has been completed in accordance with the modification drawings listed below. The designed modification included reinforcing various legs and diagonals.

Based on our review of the project closeout documents, we have determined that the modification <u>has been</u> completed in accordance with the design modification drawings. The noted deviations from the design were approved by TES and are documented in the modification summary below.

Project Closeout Documents

Modification Design Drawing	TES Job # 32039, dated January 10, 2018
Contractor As-Built Drawing	Dated January 22, 2018
Modification Photos	Attached.

Modification Summary and Photos

Modification: Reinforcing legs from 20' to 100' & 120' to 140', diagonals from 0' to 126.67' and 140' to 160'.

Deviations: None.

Comments: No deficiencies found.

















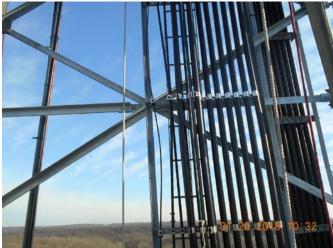






















































January 22nd, 2018

MasTec Network Solutions 6323 E. Molloy Rd. East Syracuse, NY 13057

Tower Engineering Solutions 8445 Freeport Parkway, Suite 375 Irving, TX 75063

Ref: TES / SBA – Clinton 4, CT – Site# CT01879-S-SBA – On Site Cold Galvanizing

Attn: TES:

All materials that were cut and/or drilled on site, were coated with ZRC Cold Galvanizing Compound by MasTec Network Solutions during the installation, in accordance with the Rev.3 TES CD's dated 1/10/18. If you have any questions or concerns, please do not hesitate to contact me at (315) 480-8750. Thank you.

Sincerely,

Neal G Cafalone

Neal J Cafalone Project Manager









January 22nd, 2018

MasTec Network Solutions 6323 E. Molloy Rd. East Syracuse, NY 13057

Tower Engineering Solutions 8445 Freeport Parkway, Suite 375 Irving, TX 75063

Ref: TES / SBA – Clinton 4, CT – Site# CT01879-S-SBA – Construction Inspection

Attn: TES:

All materials that were provided and installed by MasTec Network Solutions during the site installation, were installed in accordance with the Rev. 3 TES CD's, dated 1/10/18. All workmanship was performed in accordance with industry standards.

If you have any questions or concerns, please do not hesitate to contact me at (315) 480-8750. Thank you.

Sincerely,

Neal G Cafalone

Neal J Cafalone Project Manager

Veteran Welding & Consulting

James M. Claypool, CWI 243 Pleasant St Canandaigua NY 14424 (585) 233-8257

January 24, 2017 Reference # VW2018-03

Inspection Site: CT01879-S-SBA
Project Name: Clinton 4 CT
Contractor Name: D&D Welding

Client: SBA

Specific Inspection Area: Tower Legs **Weldment Types:** Fillet/Gusset

Welder verified: Yes

Inspection Results:

On site pre, during and post visual inspection and Mag Particle of 24 Bridge stiffeners with 3/8" fillet welds are acceptable. Also 12 angles with 12"long 5/16" fillets and 1.5" on 12" intermittent fillet welds are also acceptable. No obvious weld deficiencies were noted. All inspection and fabrication was done to D.1.1. All welds passed the acceptance criteria with no indications.

Re inspection required: No

Project Status (Continuing/Closed): Closed

Inspection results reported to SBA

James M. Claypool, CWI #10011081



Photos







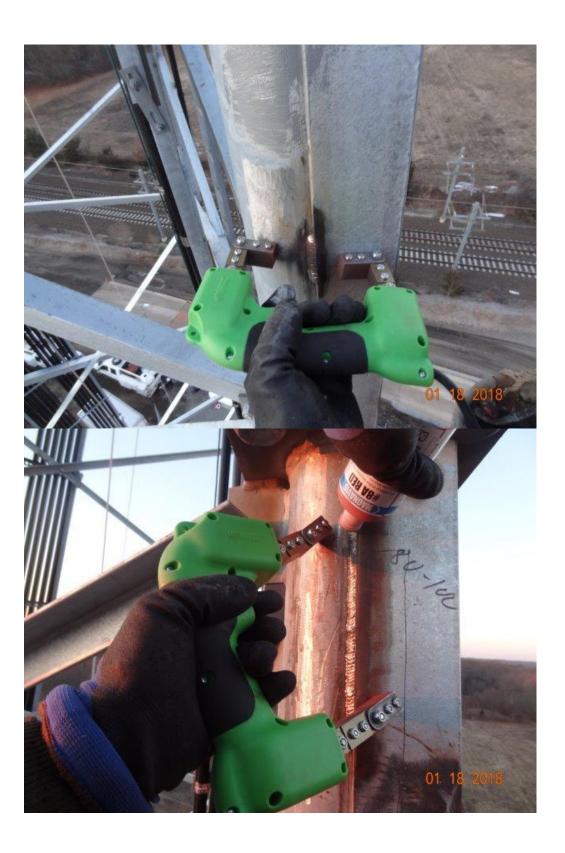












Mayo Consulting Services, LLC

let it be known

Jim Claypool

has met and exceeded the training requirements for certification as per SNT-TC-1A for

NDT Level II

in the following Nondestructive Testing Methods

Magnetic Particle Testing

Issue Date Mar-14

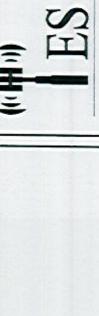
Hours 20

3/25/2014
Issue Date
2 1 8 3
Certificate No:

Senack 7. Mays Certified by: Derrick Mayo ASNT NDT Level III Cert #: 148577

Welder Qualification Test Record - AWS D1.1 Independent Quality Services, LLC

Mode of Transfer : Spray	Current/Polarity: <u>DCEP</u>	Stamp ID: 4
W acost	Actual Variable in Testing	Qualification Range
Position	700/400	4.000
Groove:	3G	1, 2, 3G
Fillet:	<u>n/a</u>	1, 2, 3F
loints		SICA PARA LINEAR
Гуре:	Groove (B-U2a-GF) Fig. 4.21	Prequalified Groove & Fillet
Backing:	Yes	Yes
Backing type:	A-36	group 1 & 2
Groove welded from:	One side	One Side
Base Metal		
Material Type & Grade:	A-36	group 1 & 2 to group 1 & 2
Thickness	3/8"	1/8 to 3/4
Diameter:	N/A	
fillet qualified		
Filler Metal:		
Spec. Number:	ANSI/AWS A5.20	ANSI/AWS A5.20
Class:	E71T-1	ExxTx
F No.	6	6
GAS:		
composition	ArCO2 75/25	ArCO2 75/25
flow rate; cup/backing	32	26-36
Visual Examination Results:	Acceptable .	A
Appearance: Good	Cracks: None	
. ipposituation <u>sector</u>		= 121====
Reinforcement: acceptable	Undercut: None	- Street Line
Bend Test Results:		u,
3G - Face Bend 1: Pass Roo	t Bend 2: Pass	
Test Conducted by: <u>Kevin J. /</u> Laboratory Test # (s): 9-03-do		
The undersigned certify that the lested in accordance with the re	statements in this record are correct quirements of ANSI/AWS D1.1-(08)	and that the test welds were prepared a "Structural Welding Code - Steel"
D & D Welding		



Tower Engineering Solutions

SBA

5900 BROKEN SOUND PARKWAY, NW BOCA RATON, FL 33487 (800)-487-5/1E

CT01879-S-SBA 32039 NO 32039

CUSTOMER SITE NAME CLINTON 4 CT

46 MEADOW ROAD CUNTON, CT 06413

MASTEL NETWORK SOLUTIONS

Date: 1/22/18 AS-BUILTS (RED - LINES)

8//01/1

OLE 01/10/18 OPECKED BY: RAW/SR PRAWN BY: CHLE A REVISED A REVISED Revisto
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disclosure by any method is prohibited or orcept by express writen permission from lower Engineering Solutions, LLC. Whout exception, the ritemation on the

frowing/coourent remoins the property of over Engineering Solutions, LLC.

195' SABRE SELF SUPPORTING TOWER **DRAWINGS FOR AN EXISTING** MODIFICATION AND DESIGN

PROPOSED CARRIER: AT&T

SITE: CT01879-S-SBA / CLINTON 4 CT

COORDINATES (LATITUDE: 41.275205', LONGITUDE: -72.497711')

CONSTRUCTION CLASS

TES HAS DETERMINED THIS AS A CLASS IV CONSTRUCTION PROJECT PER ANSI/ASSE A10.48

SOLUTIONS (TES). PLEASE CONTACT TES FOR MORE INFORMATION. COMPLETE FABRICATION DRAWINGS FOR ALL MATERIALS REQUIRED FOR THIS PROJECT ARE AVAILABLE FROM TOWER ENGINEERING

1-1	TILE SHEET	3
80M	BUL OF MATERIALS	-
CN-1	GENERAL NOTES	0
A-1	TONER PROFILE	2
4-2	DIAGONAL REPLACEMENT DETAILS	-
A-3	L 5" X 5" X 3/8" ANGLE LEG REINFORCEMENT	-
A-34	DIAGONAL REPLACEMENT DETALS	0
A-4	L 4" X 4" X 3/8" ANGLE LEG REINFORCEWENT	-
A 44	L 4" X 4" X 3/8" ANDLE LEG REINFORCEMENT	-
A=48	DAGOVAL REPLACEMENT DETAILS	0
4-5	DMGONAL REPLACEMENT DETAILS	2
9-4	V.D-BAY HORZONTAL ASSEVBLY- 3 BAYS (4.50" O.D. PIPE (EG)	1
A-6A	DIKONA, REPLACEMENT DETAILS	-
1-7	DAGONAL REPLACEMENT DETAILS	0
A-8	PLANCE REAFORCEMENT ASSEMBLY	-
The same of the sa		

NOTE

MODIFICATION DRAWINGS ARE BASED ON THE PROJECT NO. 31606, DATED 03/15/17.

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(EE)	D L	27	Tower Engineering Solutions	8445 FREEDORT PARKWAY, SUITE 375 IRVING, TX 75063	PH: (972) 483-0607	V O O		5900 BROKEN SOUND PARKWAY, NW BOCA RATON, FL 33487	(800)-487-SITE TES JOB NO:	32039 CUSTOWER SITE NO:	CUSTONER SITE NAVE	46 MEADOW ROAD	2000								CHECKE	(C) CRST ISSUE CHLE 66/12/17 REVISED CHLE 07/19/17 REVISED CHLE 07/11/17 REVISED CHLE 01/10/18	SHEET TITLE:	BILL OF MATERIALS	This decoules /decoursed is the economic of	Tower Engineering Solutions, U.C. Information contained herein is considered confidential in modure and is to be used only for the seedile site but it was inherded for	Reproduction, transmission, publication or disclosure by any method is prohibited except by express written permission from Toner prohibited from Coner Collification Collification Collification Collification Collification	exception, the information on this drawing/document remoins the property of Tower Engineering Solutions, LLC.	SPEET NUMBER. BOM 3
	NOTES		GALVANIZED	(1) HHN & LKW-EA GAL VANIZED	(1) HHN & LKW-EA GAL VANIZED	GALVANIZED (FINAL CUT LENGTH TO BE DETERMINED IN FIELD)	GALVANIZED	GALVANIZED (FINAL CUT LENGTH TO BE DETERMINED IN FIELD)	GALVANIZED (FINAL CUT LENGTH TO BE DETERMINED IN FIELD)	GALVANIZED (FINAL CUT LENGTH TO BE DETERMINED IN FIELD)	GALVANIZED	(1) HHN & LKW-EA GALVANIZED	GALVANIZED (FINAL CUT LENGTH TO BE DETERMINED IN FIELD)	(1) HHN & LKW-EA GALVANIZED	GALVANIZED	GAL VANIZED	GALVANIZED	GALVANIZED (FINAL CUT LENGTH TO BE DETERMINED IN FIELD)	GALVANIZED	PROVIDED BY CONTRACTOR	GALVANIZED (FINAL CUT LENGTH TO BE DETERMINED IN FIELD)	-LINES)							PAGE 1 OF 1
	WEIGHT (b)		1	1		3100	1618	8406	1192	2234	1	1	9	1 8			06	1651	1774		326	TS (RED	177						22,673
	PIECE		:	:		258.3	269.6	233.5	198.7	124.1		1	8.68	1.6	7.88	31.38	96.6	688	739	1	54.4	AS-BUX	Date:	1					TOTAL WEIGHT (Ib) =
	SHEET LIST		A2, A3A A4B	A2, A3A	A-2, A-3A	A-2, F-2	A-3, F-1	A34 F-2	A4, A4A F-1	A-48, F-2	A5,A7	A-5.A-7	A5,F-2	A6.RBC-1	A-6,MH-CP	A-6, MH-1	A-6, BR-1	A7,F-2	A8,F-2	A1	A-6A-F-2								TOTAL WE
NLS	LENGTH		1	I	1		1	1	1	1	,	1	i	1 1	1	ī	1	ı	I	\	1				CTOR.				
BILL OF MATERIALS	PART NUMBER DESCRIPTION	MATERIAL & HARDWARE	SPACER/SHIM FOR 3/4" DIA BOLT (3/8" THICK)	BOLT 3/4" X 2 1/2" A325		D-1 L4"X4"X3/8"X26:0"A36	AL-1 L 5"X 5" X 318" X 20:0" A529-50	D-2 L4"X4"X3/8"X23'-6"A36	AL-2 L4"X4"X3/8"X20:0"A529:50	D-3 L3"X3"X3/8"X17'-0"A36	SPACER/SHIM FOR 5/8" DIA BOLT (3/8" THICK)	20158, X2. 6325	D-4 [2.1/2 x 2.1/2 x 3.8 x 15-0* A36	BOLT 5/8" X 2 1/4" A325 WIHHN & LW MS02-625-4625-700 RU-BOLT 5/8" X 4 5/8" LW, X 7" IL. A36 OR EQUIV		L 2 1/2" X 2 1/2" X 1/4" X 7"-6" A36	HBR425-450W PL 1/2" X 7" X 7" A 36 WELDMENT BRACKET \$ //2\	D-5 L 2 1/2' X 2 1/2' X 3/8" X 11'-6' A36	{FP-1 PL 1/2" X 1-0 1/2" X 4-6" 4572-50} △↑	LANCO /HENRY 287 WHITE ACRYLIC ELASTOMERIC COATING AND SEALER (OR EQUIV) (GALLONS) }				NOTE: ALL F SHEETS ARE NOT INCLUDED IN THIS DRAWING PACKET. CONTACT TES FOR THE F SHEETS.	NOTE: ALL MATERIALS, VIHICH WEREN'T LISTED IN THE BOM, ARE ASSUMED TO BE PROVIDED BY THE CONTRACTOR				
	QUANTITY PA		35	35	139	12	9	36	9	18	23	79	81	10 MS02			9H ~	24	24	4	9								
	QUANTITY QU REQUIRED PR		33	33	(132	12	9	36	9	18	21	- 18 mm	81	9 81	6	18	6	24	24	(4	(e)								

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GENERAL NOTES

- ANSI/ASSE A10.48, AND 2016 CONNECTICUT STATE BUILDING ALL WORK SHALL COMPLY WITH THE ANSI/TIA-222-G, CODES AND OSHA SAFETY REGULATIONS.
- ALL WORK INDICATED ON THE DRAWINGS SHALL BE PERFORMED BY QUALIFIED CONTRACTORS EXPERIENCED TELECOMMUNICATIONS TOWER, POLE AND FOUNDATION CONSTRUCTION. c'
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DESIGN AND FABRICATION OF ALL MISCELLANEOUS PARTS (SUCH AS SHIMS), TEMPORARY SUPPORTS, AND GUYINGS, ETC., PER TIA-1019-A, TO COMPLETE THE ASSEMBLY AS SHOWN IN THE mi
- CONTRACTOR SHALL PROCEED WITH THE INSTALLATION WORK CAREFULLY SO THE WORK WILL NOT DAMAGE ANY EXISTING CABLE, EQUIPMENT OR THE STRUCTURE.
- ON ANY TOWER STRUCTURE WITHOUT THE CONSENT OF THE USE OF GAS TORCH OR WELDER, ARE NOT ALLOWED TOWER OWNER. io
- GENERALLY THE CONTRACTOR IS RESPONSIBLE TO CONDUCT AN ONSITE VISIT SURVEY OF THE JOB SITE AFTER AWARD, AND REPORT ANY ISSUES WITH THE SITE TO TES BEFORE PROCEEDING CONSTRUCTION. ė

FABRICATION

- IF YIELD STRENGTH WAS ALL STEEL SHALL MEET OR EXCEED THE MINIMUM STRENGTH AS SPECIFIED IN THE DRAWINGS. NOT NOTED IN THE DRAWINGS, CONTRACTORS SHALL CONTACT TES FOR DIRECTION.
- ALL FIELD CUT EDGES SHALL BE GROUND SMOOTH. ALL FIELD CUT AND DRILLED SURFACES SHALL BE REPAIRED WITH A MINIMUM OF TWO COATS OF ZRC CALVILITE COLD CALVANIZING COMPOUND PER ASTM A780 AND MANUFACTURER'S RECOMMENDATIONS.

WELDING

- WELDERS AND IN ACCORDANCE WITH THE LATEST EDITION OF THE HYDROGEN, MATCHING FILLER METAL, PER AWS D1.1, UNO. ALL WELDING SHALL BE PERFORMED BY AWS CERTIFIED AWS WELDING CODE D1.1. ALL ELECTRODES TO BE LOW (E70XX UNLESS NOTED OTHERWISE)
- PRIOR TO FIELD WELDING GALVANIZED MATERIAL, CONTRACTOR SHALL GRIND OFF GALVANIZING APPROX. 0.5" BEYOND THE PROPOSED FIELD WELD SURFACES. v.
- ALL WELDS SHALL BE INSPECTED VISUALLY. A MINIMUM OF 25% OF WELDS SHALL BE INSPECTED WITH DYE PENETRANT OR MACNETIC PARTICLE TO MEET THE ACCEPTANCE CRITERIA OF AWS D1.1. 100% OF WELDS SHALL BE INSPECTED IF DEFECTS ARE FOUND. mi
- WELD INSPECTIONS SHALL BE PERFORMED BY AN AWS CERTIFIED WELD INSPECTOR 4
- AFTER INSPECTION, ALL FIELD WELDED SURFACES SHALL BE REPAIRED WITH A MINIMUM OF TWO COATS OF ZRC GALVILIE COLD GALVANIZING COMPOUND PER ASTM A780 AND MANUFACTURER'S RECOMMENDATIONS. si,

BOLTED ASSEMBLIES AND TICHTENING OF CONNECTIONS

- ALL HIGH STRENGTH BOLTS SHALL CONFORM TO THE PROVISIONS OF THE SPECIFICATIONS FOR STRUCTURAL JOINTS USING A325 OR A490 BOLTS AS APPROVED BY THE RCSC.
- THE FOLLOWING TABLE SHOULD FLANGE BOLTS SHALL BE TIGHTENED BY THE AISC "TURN-OF-THE-NUT" METHOD. USED FOR THE "TURN-OF-THE-NUT" TIGHTENING. 3
- CONNECTIONS SHALL BE TIGHTENED TO A SNUG-TIGHT CONDITION SPLICE BOLTS AND ALL OTHER BOLTS IN BEARING TYPE mi
- THE SNUG-TIGHT CONDITION IS DEFINED AS THE TIGHTNESS ATTAINED BY EITHER A FEW IMPACTS OF AN IMPACT WRENCH OR THE FULL EFFORT OF AN IRONWORKER WITH AN ORDINARY SPUD WRENCH TO BRING THE CONNECTED PLIES INTO FIRM CONTACT.
- HB HOLLO-BOLT SHALL BE INSTALLED PER ICC ESR-3330 INSTRUCTIONS. só.

VERIFICATION AND INSPECTION

MED SHALL BE IN ACCORDANCE TO IBC-2012 SECTION 1705-1705-3 FOR CONCRETE CONSTRUCTION. JF APPLICABLE, VERFICATION INSPECTION TO BE PERFORMED TABLE 1705.2.2 FOR STEEL CONSTRUCTION AND TABLE 1705.

CONDITION FOR TURN-OF-NUT PRETENSIONING ".D TABLE 8.2 NUT ROTATION FROM SNUG-TIGHT

	COASIO	DISPOSITION OF COLLER FACE OF BOLLED PARTS	OLIED PARIS
BOLT LENGTH	BOTH FACES NORMAL TO BOLT AXIS	ONE FACE NORMAL TO BOLT AXIS, OTHER SLOPED NOT MORE THAN 1:20 d	BOTH FACES SLOPED NOT MORE THAN 1:20 FROM NORMAL TO BOLT AXIS 4
NOT MORE THAN	1/3 TURN	1/2 TURN	2/3 TURN
MORE THAN 4ds BUT NOT MORE THAN 8ds	1/2 TURN	2/3 TURN	5/6 TURN
MORE THAN 84 _b BUT NOT MORE THAN 124 _b	2/3 TURN	5/6 TURN	1 TURN

- NUT ROTATION IS RELATIVE TO BOLT RECARDLESS OF THE ELEMENT (NUT OR BOLT) BEING TURNED. FOR REQUIRED NUT ROTATIONS OF 1/2 TURN AND LESS, THE TOLERANCE IS PLUS OR MINUS 30 DEGREES; FOR REQUIRED NUT ROTATIONS OF 2/3 TURN AND MORE, THE TOLERANCE IS PLUS OR MINUS 45 DEGREES.
- APPLICABLE ONLY TO JOINTS IN WHICH ALL MATERIAL WITHIN THE GRIP IS STEEL.
- ⁶ WHEN THE BOLT LENGTH EXCEEDS 12d_b, THE REQUIRED NUT ROTATION SHALL BE DETERMINED BY ACTUAL TESTING IN A SUITABLE TENSION CALIBRATOR THAT SIMULATES THE CONDITIONS OF SOLIDLY FITTING STEEL.

BEVELED WASHER NOT USED.

SPECIFICATION FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS, JUNE 30, 2004 RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS

INSTALLATION TORQUE REQUIRED FOR HOLLO BOLTS AND AJAX BOLTS:

HB12 HOLLO BOLT: 59 FT-LBS HB16 HOLLO BOLT: 140 FT-LBS HB20 HOLLO BOLT: 221 FT-LBS M20 AJAX BOLT: 280 FT-LBS.

AS-BUILTS (RED - LINES) 122/18

FIELD HOT WORK PLAN NOTES:

FOLLOWING GUIDELINES SHALL BE COMPLIED WITH: -

- - VIN 4
- CONTRACTOR'S RESPONSIBILITY TO COMPLETE A HOT WORK PLAN IF AWARDED PER CUSTOWER SPECIFICATIONS GUIDELINES FOR WELDING, CUTTING & SPARK PRODUCING WORK.

 HAVE A FIRE PLAN APPROVED BY THE CUSTOMER AND THEIR SAFETY MANAGEMENT DEPT.

 CONTRACTOR MUST OBTAIN THE CONTACT INFO OF THE LOCAL FIRE DEPARTMENT AND THE 911

 ADDRESS OF THE TOWER SITE BEFORE CONSTRUCTION.

 CONTRACTOR SHALL MAKE SURE THAT CELL PHONE COVERAGE IS AVAILABLE IN THE TOWER SITE IF

 CELL COVERAGE IS NOT AVAILABLE, AN IMMEDIATE AVAILABLE MEANS OF DIRECT COMMUNICATION WITH

 THE FIRE DEPARTMENT SHALL BE DETERMINED PRIOR TO CONSTRUCTION START.
- ALL CONSTRUCTION SHALL BE PERFORMED UNDER WIND SPEED LESS THAN 10 MPH ON THE CROUND LEVEL. IF WIND SPEED INCREASE, CONTRACTOR MUST DETERMINE IF CONSTRUCTION SHALL BE DISCONTINUED.

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- 9 7 8
- FIRE SUPPRESSION EQUIPMENT MUST BE MADE AVAILABLE ON SITE AND READY TO USE. CONTRACTOR SHALL ASSION A FIRE WATCHER TO PERFORM FIRE—FIGHTING DUTIES.

 ALL WELDERS SHALL BE AWS OR STATE CERTIFIED. THEY MUST ALSO BE EXPERIENCED IN WELDING ON GALVANIZED MATERIALS.
 - IF IT IS POSSIBLE, ALL EXISTING COAX NEAR WELDING AREA SHALL BE TEMPORARILY MOVED AWAY FROM THE WELDING AREA BEFORE WELDING THE PLATES.

 PLEASE REPORT ANY FIELD ISSUE TO TES @ 972-483-0607. 0

Tower Engineering Solutions 8445 FREEDORT PARKWAY, SUITE 375 IRVING, TX 75063 PH (972) 483-0607

m

5900 BROKEN SOUND PARKWAY, NW BOCA RATON, FL 33487 (800)-487-SITE

32039 NO:

CT01879-S-SBA

CUSTOMER SITE NAME. CLINTON 4 CT 46 WEADOW ROAD CUNTON, CT 06413

CHLE 05/12/17 CHECKED BY: RAW/SR PAG. 80 DESCRIPTION A FIRST SSUE DRAWN BY: CHLE

GENERAL NOTES

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REV #

NOTES:

- OSED TEMPORARLY RELOCATE ANY EXISTING COAX ATTACHED TO THE LEGS AND/OR ANY OTHER MEMBERS WHERE OBSTRUCTION WITH THE PROP AND/OR ANY OTHER MEME MODIFICATION MAY OCCUR. -
- MAY TEMPORARILY RELOCATE EXISTING EQUIPMENT AROUND FOUNDATION BE REQUIRED DURING THE CONSTRUCTION 2
- REPLACING MEMBERS. BE PROVIDED WHILE REMOVED AT A TIME TEMPORARY BRACING SHALL ONLY ONE MEMBER CAN BE
- SEE SHEET GN-1 FOR HOT WORK PLAN NOTES



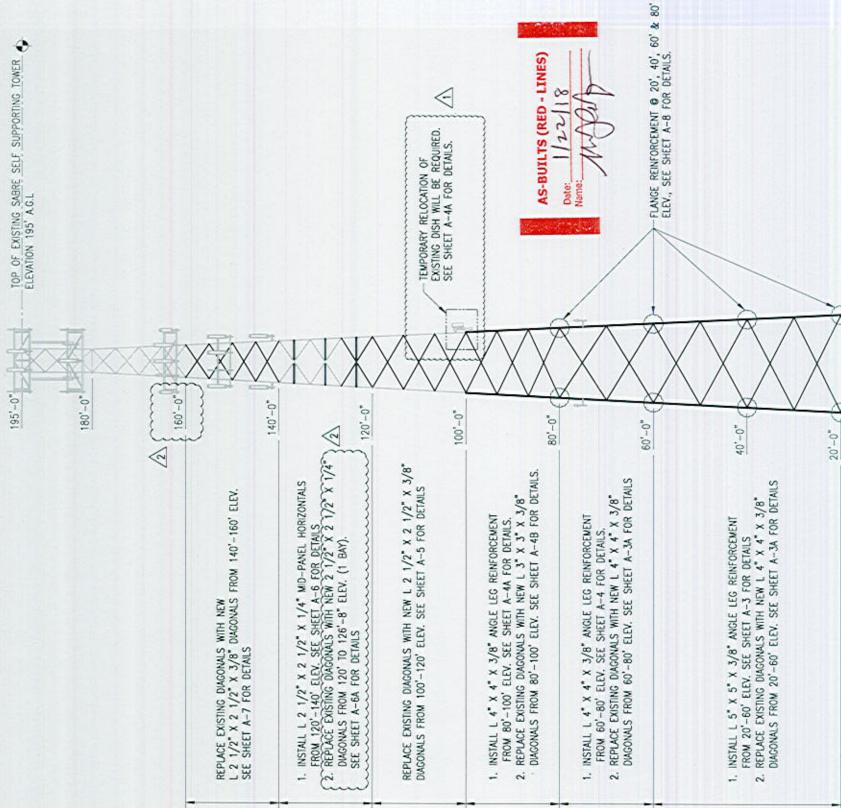
DISH PHOTO @ ±102' ELEV



TOWER BASE/FOUNDATION PHOTO

SELF-SUPPORT FOUNDATION COATING NOTES:

ER OR 10R TO FOR CONCRETE FOUNDATIONS GC TO APPLY PROTECTIVE SEALANT (LANCO/HENRY 287 WHITE ACRYLIC ELASTOMERIC COATING AND SEALER EQUIV). FOLLOW ALL COATING MANUFACTURER RECOMMENDATIONS PRIOR AND DURING THE APPLICATION OF THE COATING.



EXISTING GRADE

ELEVATION VIEW

0-0

REPLACE EXISTING DIAGONALS WITH NEW L 4" X 4" X 3/8" DIAGONALS FROM 0"-20" ELEY. SEE SHEET A-2 FOR DETAILS

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