

City of Napoleon, Ohio Zoning Department

255 West Riverview Avenue, P.O. Box 151 Napoleon, OH 43545 Kevin Schultheis Code Enforcement / Zoning Administrator Telephone: (419) 592-4010 Fax: (419) 599-8393 www.napoleonohio.com

COMMERCIAL ZONING PERMIT

Issued Date:

March 22, 2023

Expiration Date:

March 22, 2024

Permit Number:

P-23-032

Job Location:

850 Vocke Street

Owner:

City of Napoleon, Ohio 255 W. Riverview Avenue Napoleon, OH 43545

Lessee:

Verizon Wireless

7575 Commerce

Lewis Center, OH 43035

Contractor:

Teleworld Solutions

Phone:

440-725-9791

Zone:

I-I- Enclosed Industrial

Comments:

Antenna change at water tower

Permit Type:

Zoning (antenna change on water tower)

Fee: \$50.00

Status: Paid

Amount Due: \$0.00

Kevin Schultheis

Code Enforcement/Zoning Administrator



City of Napoleon, Ohio

Zoning Department
255 West Riverview Avenue, P.O. Box 151

Napoleon, OH 43545 Kevin Schultheis Code Enforcement / Interim Zoning Administrator Telephone: (419) 592-4010 Fax: (419) 599-8393 www.napoleonohio.com

Date 3-10-23 Commercia Job Location	l Zoning	Permit A₁ loc≮e	pplication (AUH 41009556	4616)
Sewar Verzon Wireless	<u> </u>	Telep	ohone # <u>412-496-6</u>	£225
	rerce	laus (en		35
Contractor Telescorid Sol				
Description of Work to be Performe Located Lease Estimated Completion Date 6-1-				
Estimated Completion Date 6 1		Estimated C	107 000	
Demo Permit - \$100.00 - See Separate F	orm		(MDEMO 100.1700.46690)	\$
Zoning Permit - \$50.00			(MZON 100.1700.46690)	\$ 50
Fence - \$25.00			(MZON 100.1700.46690)	\$
Garage and Shed 120 SF or less (Detach	ed) - \$25.00	199	(MZON 100.1700.46690)	\$
Parking lot /Driveway/Sidewalk/Curbing			(MZON 100.1700.46690)	\$
Drainage Permit/Outside Water/Sewer I			(MBLDG 510.0000.47300)	\$
1" Water Tap, 5/8" Meter, Copper Setter and		\$1,200.00(Outside C	ity - \$5,680) (MBLDG 510.0000.47300)	\$
1" Water Tap, 3/4"Meter, Copper Setter and	Transmitter - \$	1,300.00(Outside Ci	ty - \$5,820) (MBLDG 510.0000.47300)	\$
1" Water Tap, 1" Meter, Copper Setter and	Transmitter - \$1	,400.00 (Outside C	ity - \$5,960) (MBLDG 510.0000.47300)	\$
1 1/2" Water Tap and Larger - See Operation				\$
1" Meter, Copper Setter and Transmitter Wi			(MBLDG 510.0000.44730)	
3/4" Meter, Copper Setter and Transmitter V			(MBLDG 510.0000.44730)	
5/8" Meter, Copper Setter and Transmitter V			(MBLDG 510.0000.44730)	
Sewer Tap for All Commercial and Industria			(MBLDG 510.0000.44730)	\$
Sewer Tap Inspection Fee, M.F., Comm., Ind			(MBLDG 510.0000.44730)	
Sewer Tap, M.F., Comm., Indust, 51 L.F. or				\$
Manufactured Home Court - \$87.00 Per Dwo	elling		(MBLDG 510.0000.44730)	
Sewer Main Extension in Right of Way Inspe	ection – 2% of C	onstruction Cost	(MBLDG 510.0000.44730)	\$
Inspection Fee Outside the Corporation Lim	its – Increase 50	%	(MBLDG 510.0000.44730)	
			TOTAL FEE:	\$
I FULLY UNDERSTAND THAT NO EXCAVATION, CON OR ALTERATION OF ANY BUILDING STRUCTURE, SIPPERFORMED UNTIL THE PERMIT APPLIED FOR HER I hereby certify that I am the Owner of the named property, or this application as his her authorized agent and I agree to confoissued. I certify that the code official or the code official's authorized the provisions of the code(s) applicable to such permit. I HEREBY ACKNOWLEDGE THAT HAVE REA	EIN HAS BEEN AP not the proposed work rm to all applicable la rized representative sl	PROVED AND ISSUED is authorized by the Own ws of the jurisdiction. In hall have the authority to	F THE ABOVE SHALL BE UNDERTAK D BY THE CITY OF NAPOLEON ZONIN er of record and that I have been authorized i addition, if a permit for Work described in the	by the Owner to make his application is
SIGNATURE OF APPLICANT:	Willam/	Hunson	DATE: 03-10-25	The war is a second of the sec
BATCH#	CHECK#_	2985	DATE 3/21/23	

March 13, 2023

Kevin Schultheis City of Napoleon **Zoning Department** 255 West Riverview Ave. Napoleon, OH 43545

Re: 850 Vocke Street

To Whom it May Concern:

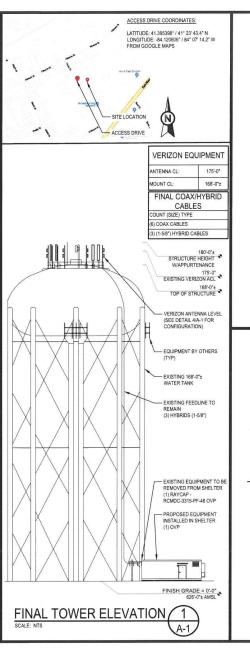
Please find enclosed the check made payable to City of Napoleon for (\$50.00), Permit Application and 2 11x17 CD's for 850 Vocke Street.

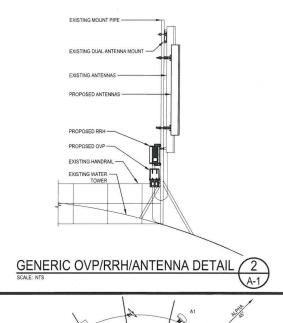
Please email or return the executed documents to Strategis, LLC, 815 Superior Avenue E, Suite 1425, Cleveland, Ohio, 44114.

Should you have any questions, please call us at 440-725-9791 or email casey.conrad@strategisllc.com.

Sincerely,

Casey Conrad **Permitting Specialist**





CONTRACTOR PMI REQUIREMENTS

PMI ACCESSED AT	HTTPS://PMI.VZWSMART.COM
SMART TOOL VENDOR PROJECT NUMBER	10180062
*** PMI AND REQUIREMENTS ALSO EMBEDD	ED IN MOUNT ANALYSIS REPOR

MOUNT MODIFICATION

REQUIRED	1
FER TO MOUNT MODIFICATION DRA	WINGS PAGE
FOR VZW SMART KIT APPROVED \	/ENDORS

SEQUENCE OF CONSTRUCTION

- REMOVE (3) COMMSCOPE SBNHH-1D65C ANTENNAS REMOVE (3) NOKIA - AHBCC AIRSCALE DUAL RRH 4T4R B5/B13
- REMOVE (3) NOKIA AHFIC AIRSCALE DUAL RRH 4T4R B2/B66A
- REMOVE (1) RAYCAP RCMDC-3315-PE-48 OVP
- INSTALL MOUNT MODIFICATIONS PER MOUNT MODIFICATION DRAWINGS BY PAUL J. FORD & COMPANY DATED 1/6/23
- INSTALL (3) COMMSCOPE WSSP-65S-R1RV2 ANTENNAS INSTALL (3) SAMSUNG - MT6407-77A ANTENNAS
- INSTALL (3) SAMSUNG B2/B66A RRH ORAN
- INSTALL (3) SAMSUNG B5/B13 RRH ORAN
- INSTALL (3) SAMSUNG CBRS RRH RT4401-48A
- INSTALL (1) RAYCAP RC3DC-3315-PF-48 OVP
- REMOVE (1) RAYCAP RCMDC-3315-PF-48 OVP
- INSTALL (1) OVP

GENERAL NOTES

- THIS DRAWING IS FOR EXHIBIT PURPOSE ONLY.
- ALL WORK SHALL COMPLY WITH TOWER OWNER'S MASTER SPECIFICATION.
- INSTALLATION, NO NEW AC POWER IS REQUIRED.
- REFER TO MOUNT & STRUCTURAL ANALYSIS FOR STRUCTURAL

EQUIPMENT REPLACEMENT NOTES

- NO LINE OR ANTENNA WORK TO BEGIN PRIOR TO CONFIRMATION OF ADEQUATE TOWER AND MOUNT CAPACITY USING THE FINAL CONFIGURATION.
- CONTRACTOR TO INSPECT THE CONDITION OF EXISTING MOUNTS. CONFIRM THE FOLLOWING:

- ALL NEW OVPs MUST BE INSTALLED ON A MOUNT, NOT DIRECTLY ON THE TOWER LEG
- G.C. TO INSTALL NEW 2.5" DIA. (2.875" O.D.) MOUNT PIPE WHERE
- ALL EXISTING & PROPOSED INFORMATION PROVIDED BY LANDLORD AND VERIZON WIRELESS.
- TO VERIZON CONFIRM MOUNTING PIPE IS ADEQUATELY SIZED TO

- NO NEW AC ELECTRICAL WORK IS REQUIRED FOR THIS

- CORROSION: IF MOUNTS ARE FOUND TO BE CORRODED, CONTACT VERIZON REPRESENTATIVE FOR DIRECTION
- LOOSE BOLTS: IF FOUND LOOSE, TIGHTEN TO ORIGINAL
- SPECIFICATIONS (AISC; TURN OF THE NUT METHOD).
 MISSING BOLTS: IF MISSING, REPLACE TO SUITE.
- ANTENNAS, RRHs AND DIPLEXERS ARE SWAPPED OR ADDED.
- ALL EXISTING EQUIPMENT THAT IS REMOVED SHALL BE RETURNED
- ACCOMMODATE PROPOSED ANTENNA INSTALL.
 ALL WORK DEPICTED ON THIS DRAWING DESIGNED IN
- ACCORDANCE WITH THE LATEST STANDARDS

than the intended use for this specific project. 43215 rd.com 04

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St. St. 8	
250 E Broad :	

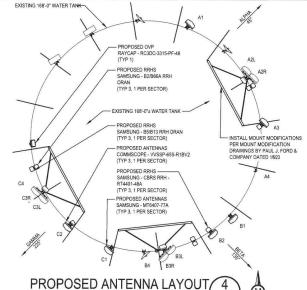
PROJ	ECT No: A2432	2-1896.004.8753
DESIG	INED BY:	JTS
CHEC	KED BY:	JHW
REV	DESCRIPTION	DATE
0	ISSUED FOR CONSTRUCTION	1/26/22
1	ISSUED FOR CONSTRUCTION	2/7/23

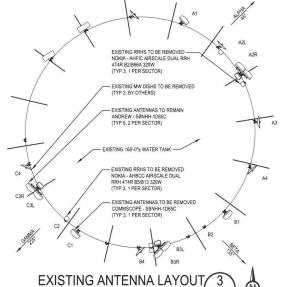
	VZW LOCATION CO	ODE (PSLC): 15013
_	FUZE ID:	1693907
	RFDS DATE:	10/20/2
	SITE NAME:	MAUMEE RIVER
	SITE ADDRESS:	850 VOCKE STREET NAPOLEAN, OH 43545 HENRY COUNTY
	LATITUDE:	41.395389° / 41° 23′ 43.4004° N
	LONGITUDE:	-84.120278° / 84° 7' 13.0008* W

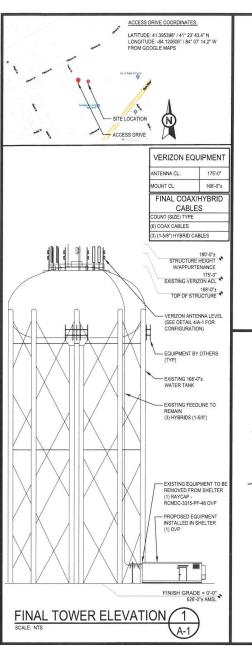
Digitally signed by Richard A. Boelter Date: 2023.02.0. 16:52:36-05'00' Date: 2023.02.07 RICHARD A **BOELTER** E-79301 02/07/2023

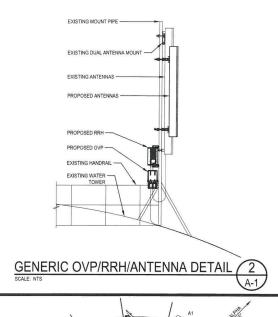
> **ELEVATION AND** ANTENNA LAYOUTS

> > A-1









EXISTING RRHS TO BE REMOVED

(TYP 3, 1 PER SECTOR)

EXISTING 168'-0"± WATER TANK -

(TYP 3, 1 PER SECTOR)

EXISTING ANTENNA LAYOUT

C4

C31

NOKIA - AHFIC AIRSCALE DUAL RRH 4T4R R2/R664 320M

EXISTING MW DISHS TO BE REMOVED (TYP 2, BY OTHERS)

- EXISTING ANTENNAS TO REMAIN ANDREW - SBNHH-1D65C (TYP 6, 2 PER SECTOR)

EXISTING RRHS TO BE REMOVED

EXISTING ANTENNAS TO BE REMOVED

NOKIA - AHBCC AIRSCALE DUAL

COMMSCOPE - SBNHH-1D65C (TYP 3, 1 PER SECTOR)

CONTRACTOR PMI REQUIREMENTS

MI ACCESSED AT	HTTPS://PMI.VZWSMART.COM
MART TOOL VENDOR PROJECT NUMBER	10180062

PMI AND REQUIREMENTS ALSO EMBEDDED IN MOUNT ANALYSIS REPORT

SEQUENCE OF CONSTRUCTION

- REMOVE (3) COMMSCOPE SBNHH-1D65C ANTENNAS REMOVE (3) NOKIA - AHBCC AIRSCALE DUAL RRH 4T4R B5/B13
- REMOVE (3) NOKIA AHFIC AIRSCALE DUAL RRH 4T4R B2/B66A
- RFMOVE (1) RAYCAP RCMDC-3315-PF-48 OVP INSTALL MOUNT MODIFICATIONS PER MOUNT MODIFICATION
- DRAWINGS BY PAUL J. FORD & COMPANY DATED 1/6/23 INSTALL (3) COMMSCOPE - VVSSP-65S-R1BV2 ANTENNAS
- INSTALL (3) SAMSUNG MT6407-77A ANTENNAS
- INSTALL (3) SAMSUNG B2/B66A RRH ORAN
- INSTALL (3) SAMSUNG B5/B13 RRH ORAN
- INSTALL (3) SAMSUNG CBRS RRH RT4401-48A INSTALL (1) RAYCAP - RC3DC-3315-PF-48 OVP
- REMOVE (1) RAYCAP RCMDC-3315-PF-48 OVP
- INSTALL (1) OVP

REFER TO MOUNT MODIFICATION DRAWINGS PAGE FOR VZW SMART KIT APPROVED VENDORS

GENERAL NOTES

- THIS DRAWING IS FOR EXHIBIT PURPOSE ONLY.
- ALL WORK SHALL COMPLY WITH TOWER OWNER'S MASTER

EQUIPMENT REPLACEMENT NOTES

- NO LINE OR ANTENNA WORK TO BEGIN PRIOR TO CONFIRMATION OF ADEQUATE TOWER AND MOUNT CAPACITY USING THE FINAL
- CONFIRM THE FOLLOWING:
- VERIZON REPRESENTATIVE FOR DIRECTION. LOOSE BOLTS: IF FOUND LOOSE, TIGHTEN TO ORIGINAL
- SPECIFICATIONS (AISC; TURN OF THE NUT METHOD).
- ALL NEW OVPs MUST BE INSTALLED ON A MOUNT, NOT DIRECTLY
- G.C. TO INSTALL NEW 2.5" DIA. (2.875" O.D.) MOUNT PIPE WHERE
- TO VERIZON
- ALL WORK DEPICTED ON THIS DRAWING DESIGNED IN

MOUNT MODIFICATION

REQUIRED

Y

- SPECIFICATION.
- NO NEW AC ELECTRICAL WORK IS REQUIRED FOR THIS
- INSTALLATION. NO NEW AC POWER IS REQUIRED.
 REFER TO MOUNT & STRUCTURAL ANALYSIS FOR STRUCTURAL
- CONFIGURATION.
- CONTRACTOR TO INSPECT THE CONDITION OF EXISTING MOUNTS.
- CORROSION: IF MOUNTS ARE FOUND TO BE CORRODED, CONTACT
- MISSING BOLTS: IF MISSING REPLACE TO SLITE
- ON THE TOWER LEG.
- ANTENNAS, RRHs AND DIPLEXERS ARE SWAPPED OR ADDED.
- ALL EXISTING & PROPOSED INFORMATION PROVIDED BY LANDLORI AND VERIZON WIRELESS.
- ALL EXISTING EQUIPMENT THAT IS REMOVED SHALL BE RETURNED
- CONFIRM MOUNTING PIPE IS ADEQUATELY SIZED TO ACCOMMODATE PROPOSED ANTENNA INSTALL.
- ACCORDANCE WITH THE LATEST STANDARDS

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	25g	
ROJEC	T No:	A24322-1896.004.8753
ESIGN	ED BY:	JTS
HECKE	D BY:	JHW
EV	DESCRIPTIO	N DATE

7575 C LEWIS C

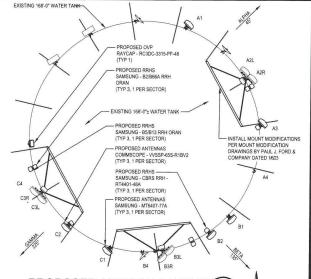
REV	DESCRIPTION	DATE
0	ISSUED FOR CONSTRUCTION	1/26/22
1	ISSUED FOR CONSTRUCTION	2/7/23

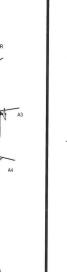
VZW LOCATION CODE (PSLC): FUZE ID: 1693907 RFDS DATE: 10/20/2 SITE NAME MAUMEE RIVER 850 VOCKE STREET SITE ADDRESS NAPOLEAN OH 4354 HENRY COUNT LATITUDE: 41.395389° / 41° 23' 43.4004° LONGITUDE "84 120278° / 84° 7° 13 0008° V

Digitally signed by Richard A. Date: 2023.02.07 16:52:36-05:00'

ELEVATION AND ANTENNA LAYOUTS

A-1

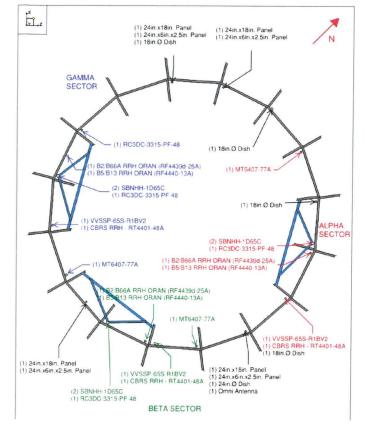




PROPOSED ANTENNA LAYOUT

POST MODIFICATION INSPECTION (PMI) REQUIREMENTS:

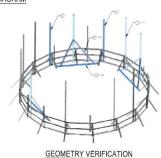
- 1. PMI REQUIRED FOR ALL SITES, REFER TO VERIZON NSTD-446 SECTION 1.5 AND 2.3 FOR MORE INFORMATION.
- 2. CONTRACTOR SHALL REFER TO THE MOUNT ANALYSIS BY PAUL J. FORD FOR ADDITIONAL DETAILS
- GENERAL CONTRACTOR SHALL PROVIDE THE BELOW DOCUMENTATION TO THE STRUCTURAL ENGINEER OF RECORD VIA EMAIL, DROPBOX, OR OTHER FILE SHARE METHOD, PROVIDE HIGH RESOLUTION PHOTO'S (DO NOT COMPRESS).
- 4. STRUCTURAL ENGINEER OF RECORD WILL CONDUCT A REVIEW OF THE PROVIDED DOCUMENTS TO PREPARE A PMI REPORT. STRUCTURAL ENGINEER OF RECORD WILL NOTIFY GENERAL CONTRACTOR IF ANY ADDITIONAL DOCUMENTATION IS REQUIRED TO COMPLETE THE PMI.
- PMI DOCUMENTATION SHALL BE SUFFICIENT TO CONFIRM THE UPGRADE WAS BUILT AS DESIGNED, INCLUDING EQUIPMENT CHANGES AND STRUCTURAL MODIFICATIONS. AND IS IN ADDITION TO ANY OTHER REQUIRED CLOSEOUT PACKAGE DOCUMENTATION.
- REQUIRED DOCUMENTATION FOR PMI INCLUDES THE FOLLOWING AT A MINIMUM. REFER TO THE MOUNT ANALYSIS FOR POSSIBLE ADDITIONAL INFORMATION. IF STRUCTURAL MODIFICATIONS ARE REQUIRED, REFER TO THE MODIFICATION DRAWINGS FOR POSSIBLE ADDITIONAL REQUIRED/REPTS.
 - A. PROVIDE PRE-AND-POST CONSTRUCTION PHOTOS OF EACH SECTOR FROM THE MOUNT ELEVATION AND THE GROUND, CONTRACTOR IS RESPONSIBLE FOR RISINIRING THE HORTO'S PROVIDED PROVIDE POSTINE CONFIRM CAN THAT THE MODIFICATIONUPGRADE WAS COMPLETED WAS COMPLETED SCHOOL CONTRACTOR OF THE CONTROL OF THE MOUNT AND THAT THAT CAN IMPACT THE PERFORMANCE OF THE MOUNT FOR MOUNT MODIFICATION, INCLUDING SAFETY ISSUES, PHOTOS SHALL HAVE A DATETIME STATE HIS THE PHOTO SHALL HAVE A DATETIME STATE HIS THE HORD THE MOUNT ANALYSIS FOR SCHEDULE OF REQUIRED PHOTOS. PROVIDE PHOTOS OF THE GATE SIGNS AND CARRIER SHELTER TO IDENTIFY THE TOWER OWNER, SITE NAMES LIFE AND SET AND STATE AND SET AND SET
 - B. VERIFICATION OF THE MEMBER CONNECTIONS, BRACING, AND RELEVANT DIMENSIONS.
 - C. VERIFICATION OF THE ANTENNA AND OTHER EQUIPMENT CONFIGURATION (PHOTOS OF MODEL NUMBERS/TAGS FOR ALL EQUIPMENT, AS WELL AS THE FEEDINE CONFIGURATION). TAKE PHOTOS OF THE BACK SIDE OF EACH SECTOR AS WELL AS CLOSE-UPS OF ALL EQUIPMENT. PHOTOS SHOULD CONFIRM. HE HORIZONTAL AND VERTICAL POSITIONING OF THE AVTENNAS AND EQUIPMENT AND SHALL HAVE TAKE MEASURES IN THE PHOTOS TO CONFIRM.
 - D. FOR TIEBACKS, STRUTS, MOUNT PIPES, PHOTOS TO CONFIRM THE ANGLES AND LOCATIONS OF ATTACHMENT POINT AT BOTH ENDS OF MEMBER, AS WELL AS DIMENSIONS, THICKNESS, AND LENGTHS OF THE MEMBERS, REFER TO THE CHECKLIST IN THE MOUNT ANALYSIS OR MOUNT MOD DRAWINGS FOR ADDITIONAL INFORMATION.
 - E. MATERIALS USED (TYPE, STRENGTH, DIMENSIONS, ETC.). PROVIDE BILL OF MATERIAL AND MATERIAL SPEC TO CONFIRM MATERIAL GRADES AND SIZES. PROVIDE DOCUMENTATION FOR GALVANIZATION OF MEMBERS WHETHER HOT-DIPPED OR COLD-GALVANIZED. IF MATERIALS DIFFER FROM THOSE SPECIFIED ON THESE DRAWINGS, PROVIDE DOCUMENTATION THAT THE "FOULVIALENT BETRALL HAS THE SAME SPECIFICATION."
 - F. MOUNT ORIENTATION/AZIMUTH AND ELEVATION, PROVIDE TAPE DROP OF ANTENNA CENTERLINE(S) AND MOUNT ATTACHMENT POINTS TO THE SUPPORTING STRUCTURE, IF THERE ARE MULTIPLE RAD CENTERS, PROVIDE PHOTOS OF ALL ELEVATIONS.
 - G. VERIFICATION THAT THE INSTALL HAS NOT CAUSED DAMAGE TO OR UNPLANNED OBSTRUCTION OF THE FOLLOWING:
 - . CLIMBING FACILITIES
 - · SAFETY CLIMB IF PRESENT, INCLUDING PHOTOS ABOVE AND BELOW THE MOUNT
 - LIGHTING SYSTEMS
 - OTHER INSTALLED SYSTEMS ON THE STRUCTURE
 - CONTRACTOR SHALL ENSURE THE SAFETY CLIMB IS SUPPORTED AND NOT ADVERSELY AFFECTED BY THE INSTALLATION OF NEW COMPONENTS.
 THIS MAY INVOLVE THE INSTALLATION OF WIRE ROPE GUIDES OR OTHER ITEMS TO PROTECT THE WIRE ROPE.
 - H. OTHER TIENS DETERMINED BY THE STRUCTURAL ENGINEER TO ENSURE THE MOUNT WILL PERFORM AS DESIGNED. PHOTOS OF RELEVANT MEASUREMENTS WITH SUFFICIENT DETAILS TO CONFIRM CONNECTION DETAILS. PLACEMENT OF EQUIPMENT, WALL ANCHOR DETAILS, BALLAST QUANTITIES, STRUCTURAL MODIFICATION ETC. DIAMETERS AND THICKNESS OF BOLTS/THREADED RODS/ANGLES/TUBES ETC. SHALL HAVE PHOTOS CONFIRMING CAUPER MEASUREMENTS.
 - CONFIRMATION THAT ALL HARDWARE WAS PROPERLY INSTALLED, AND EXISTING HARDWARE WAS INSPECTED FOR ANY ISSUES
 - FOR BALLAST SLEDS, DOCUMENTATION OF THE WEIGHT OF BALLAST IN EACH SECTOR.
 - FOR WALL ANCHORS, PHOTOS, AND MEASUREMENTS OF OUTSIDE AND INSIDE OF CONNECTIONS, DOCUMENTATIONS OF ADHESIVE USED, SIZE AND LENGTH OF ANCHORS, EFFECTIVE EMBEDWENT DEPTH OF THE ANCHORS, GROUTING OF HOLLOW WALLS, SPACING AND EDGE DISTANCE MEASUREMENTS, AND DAY THENGUS HOLT SO, BACKING PLATES.
 - FOR STUD WELD CONNECTION, DOCUMENTATION TO CONFIRM SURFACE PREPARATION, STUD WELD SIZE, GRADE, LENGTH, AND SPACING.
 - FOR FABRICATED PARTS, SHOP DRAWINGS TO BE APPROVED BY THE ENGINEER OF RECORD PRIOR TO CONSTRUCTION
 - FOR WELD PARTS, CERTIFIED WELD INSPECTION
 - FOR BOLTED PARTS, BOLT INSTALLATION AND TORQUE
- CONTRACTOR SHALL PROVIDE, IN ADDITION TO THE ABOVE, AS-BUILT CDS WITH REDLINES IDENTIFYING ANY CHANGES. THE AS-BUILTS SHALL HAVE THE
 CONTRACTOR'S NAME, PREPARER'S SIGNATURE, AND DATE.
- 8. IF THE MODIFICATION INSTALLATION WOULD FAIL THE PMI ("FAILED PMI"), THE CONTRACTOR SHALL WORK WITH THE ENGINEER OF RECORD TO COORDINATE A REMEDIATION PLAN IN ONE OF TWO WAYS:
 - A. CORRECT FAILING ISSUES TO COMPLY WITH THE SPECIFICATIONS CONTAINED IN THE ORIGINAL CONTRACT DOCUMENTS AND COORDINATE A SUPPLEMENTAL PMI.
 - B. OR, WITH EOR'S APPROVAL, THE GC MAY WORK WITH THE EOR TO RE-ANALYZE THE MODIFICATION REINFORCEMENT/UPGRADE USING THE AS-BUILT CONDITION
- NOTE: IF LOADING IS DIFFERENT THAN THAT SHOWN IN THESE CONSTRUCTION DRAWINGS OR STRUCTURAL MOUNT MODIFICATION DRAWINGS, CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD IMMEDIATELY FOR RESOLUTION.
- 10. THE ENGINEERING FIRM PERFORMING AN ANALYSIS SHALL PROVIDE A CONTRACTOR'S PHOTO LOG AND CHECKLIST OB ECOMPLETED BY THE INSTALLING CONTRACTOR. THE CONTRACTOR SHALL THEN PROVIDE POST-HISTALLATION INFORMATION OF THE STRUCTURAL ENGINEER. THE STRUCTURAL ENGINEER SHALL REVIEW THE DOCUMENTS FOR ANY DEFICIENCIES THAT CAN BE DETERMINED FROM THE DESKTOR REVIEW OF THE DATA. THE ENGINEERING FIRM SHALL THEN PROVIDE DOCUMENTATION TO VAY THAT THE SITE IS COMPLETED AND THE PIM REPORT IS APPROVED.



GAMMA SECTOR PLACEMENT DIAGRAM

ALPHA SECTOR PLACEMENT DIAGRAM

BETA SECTOR PLACEMENT DIAGRAM



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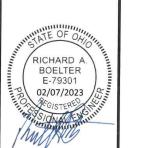
AUL J. FORD
COMPANY
is 600 Columbus, OH 43215
www.pauliford.com

250 E Broad St, Ste 600 Phone 614 221 6529

Verizon 7575 COMMERCE COURT

N DATE
DESCRIPTION OF THE PROPERTY.
CTION 1/26/22
CTION 2/7/23

\(\frac{1}{2} \) \(\frac{1} \) \(\frac{1}{2} \) \(\frac{1}{2}



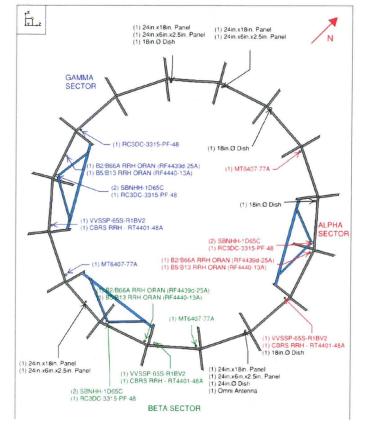
PMI REQUIREMENTS & PLACEMENTS

PMI

POST MODIFICATION INSPECTION (PMI) REQUIREMENTS:

- 1. PMI REQUIRED FOR ALL SITES, REFER TO VERIZON NSTD-446 SECTION 1.5 AND 2.3 FOR MORE INFORMATION
- 2. CONTRACTOR SHALL REFER TO THE MOUNT ANALYSIS BY PAUL J. FORD FOR ADDITIONAL DETAILS.
- 3. GENERAL CONTRACTOR SHALL PROVIDE THE BELOW DOCUMENTATION TO THE STRUCTURAL ENGINEER OF RECORD VIA EMAIL, DROPBOX, OR OTHER FILE SHARE METHOD, PROVIDE HIGH RESOLUTION PHOTO'S (DO NOT COMPRESS)
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- 5. PMI DOCUMENTATION SHALL BE SUFFICIENT TO CONFIRM THE UPGRADE WAS BUILT AS DESIGNED, INCLUDING EQUIPMENT CHANGES AND STRUCTURAL MODIFICATIONS, AND IS IN ADDITION TO ANY OTHER REQUIRED CLOSEOUT PACKAGE DOCUMENTATION
- 6. REQUIRED DOCUMENTATION FOR PMI INCLUDES THE FOLLOWING AT A MINIMUM. REFER TO THE MOUNT ANALYSIS FOR POSSIBLE ADDITIONAL INFORMATION. IF STRUCTURAL MODIFICATIONS ARE REQUIRED. REFER TO THE MODIFICATION DRAWINGS FOR POSSIBLE ADDITIONAL REQUIREMENTS
 - A. PROVIDE PRE-AND-POST CONSTRUCTION PHOTOS OF EACH SECTOR FROM THE MOUNT ELEVATION AND THE GROUND. CONTRACTOR IS RESPONSIBLE FOR ENSURING THE PHOTO'S PROVIDED, PROVIDE POSITIVE CONFIRMATION THAT THE MODIFICATION/UPGRADE WAS COMPLETED IN ACCORDANCE WITH THESE CONSTRUCTION DRAWINGS AND ANY STRUCTURALIMOUNT MODIFICATION DRAWINGS. CONTRACTOR SHALL RELAY ANY DATA THAT CAN IMPACT THE PERFORMANCE OF THE MOUNT OR MOUNT MODIFICATION, INCLUDING SAFETY ISSUES, PHOTOS SHALL HAVE A DATE/TIME STAMP IN THE PHOTO. REFER TO THE MOUNT ANALYSIS FOR SCHEDULE OF REQUIRED PHOTOS. PROVIDE PHOTOS OF THE GATE SIGNS AND CARRIER SHELTER TO IDENTIFY THE TOWER OWNER, SITE NAME, SITE NUMBER, ETC.
 - B. VERIFICATION OF THE MEMBER CONNECTIONS, BRACING, AND RELEVANT DIMENSIONS.
 - C. VERIFICATION OF THE ANTENNA AND OTHER EQUIPMENT CONFIGURATION (PHOTOS OF MODEL NUMBERS/TAGS FOR ALL EQUIPMENT, AS WELL AS THE FEEDLINE CONFIGURATION), TAKE PHOTOS OF THE BACK SIDE OF EACH SECTOR AS WELL AS CLOSE-UPS OF ALL EQUIPMENT, PHOTOS SHOULD CONFIRM THE HORIZONTAL AND VERTICAL POSITIONING OF THE ANTENNAS AND EQUIPMENT AND SHALL HAVE TAPE MEASURES IN THE PHOTOS TO CONFIRM.
 - D. FOR TIEBACKS, STRUTS, MOUNT PIPES, PHOTOS TO CONFIRM THE ANGLES AND LOCATIONS OF ATTACHMENT POINT AT BOTH ENDS OF MEMBER, AS WELL AS DIMENSIONS, THICKNESS, AND LENGTHS OF THE MEMBERS. REFER TO THE CHECKLIST IN THE MOUNT ANALYSIS OR MOUNT MOD DRAWINGS FOR ADDITIONAL INFORMATION.
 - E. MATERIALS USED (TYPE, STRENGTH, DIMENSIONS, ETC.). PROVIDE BILL OF MATERIAL AND MATERIAL SPEC TO CONFIRM MATERIAL GRADES AND SIZES. PROVIDE DOCUMENTATION FOR GALVANIZATION OF MEMBERS WHETHER HOT-DIPPED OR COLD-GALVANIZED. IF MATERIALS DIFFER FROM THOSE SPECIFIED ON THESE DRAWINGS, PROVIDE DOCUMENTATION THAT THE "EQUIVALENT" MATERIAL HAS THE SAME SPECIFICATIONS.
 - F. MOUNT ORIENTATION/AZIMUTH AND ELEVATION, PROVIDE TAPE DROP OF ANTENNA CENTERLINE(S) AND MOUNT ATTACHMENT POINTS TO THE SUPPORTING STRUCTURE. IF THERE ARE MULTIPLE RAD CENTERS, PROVIDE PHOTOS OF ALL ELEVATIONS.
 - G. VERIFICATION THAT THE INSTALL HAS NOT CAUSED DAMAGE TO OR UNPLANNED OBSTRUCTION OF THE FOLLOWING:

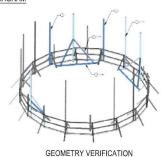
 - · SAFETY CLIMB IF PRESENT, INCLUDING PHOTOS ABOVE AND BELOW THE MOUNT
 - LIGHTING SYSTEMS
 - . OTHER INSTALLED SYSTEMS ON THE STRUCTURE
 - . CONTRACTOR SHALL ENSURE THE SAFETY OLIMB IS SUPPORTED AND NOT ADVERSELY AFFECTED BY THE INSTALLATION OF NEW COMPONENTS THIS MAY INVOLVE THE INSTALLATION OF WIRE ROPE GUIDES OR OTHER ITEMS TO PROTECT THE WIRE ROPE
 - OTHER ITEMS DETERMINED BY THE STRUCTURAL ENGINEER TO ENSURE THE MOUNT WILL PERFORM AS DESIGNED, PHOTOS OF RELEVANT OTHER TEMS DETERMINED BY THE STROCK FORLE ENGINEER TO ENGINEET THE MOST WILL PERFORM AS DESIGNED. FIND OF RELEVANT
 MEASUREMENTS, WITH SUFFICIENT DETAILS TO CONFIRM CONNECTION DETAILS, PLACEMENT OF EQUIPMENT, WALL ANCHOR DETAILS, BALLAST
 QUANTITIES, STRUCTURAL MODIFICATION ETC. DIAMETERS AND THICKNESS OF BOLTS/THREADED RODS/ANGLES/TUBES ETC. SHALL HAVE PHOTOS CONFIRMING CALIPER MEASUREMENTS.
 - CONFIRMATION THAT ALL HARDWARE WAS PROPERLY INSTALLED, AND EXISTING HARDWARE WAS INSPECTED FOR ANY ISSUES
 - FOR BALLAST SLEDS, DOCUMENTATION OF THE WEIGHT OF BALLAST IN EACH SECTOR
 - . FOR WALL ANCHORS, PHOTOS, AND MEASUREMENTS OF OUTSIDE AND INSIDE OF CONNECTIONS, DOCUMENTATIONS OF ADHESIVE USED, SIZE AND LENGTH OF ANCHORS, EFFECTIVE EMBEDMENT DEPTH OF THE ANCHORS, GROUTING OF HOLLOW WALLS, SPACING AND EDGE DISTANCE MEASUREMENTS, AND ANY THROUGH-BOLTS OR BACKING PLATES.
 - FOR STUD WELD CONNECTION, DOCUMENTATION TO CONFIRM SURFACE PREPARATION, STUD WELD SIZE, GRADE, LENGTH, AND SPACING.
 - . FOR FABRICATED PARTS, SHOP DRAWINGS TO BE APPROVED BY THE ENGINEER OF RECORD PRIOR TO CONSTRUCTION
 - . FOR WELD PARTS, CERTIFIED WELD INSPECTION
 - FOR BOLTED PARTS, BOLT INSTALLATION AND TORQUE
- 7. CONTRACTOR SHALL PROVIDE. IN ADDITION TO THE ABOVE, AS-BUILT CDS WITH REDLINES IDENTIFYING ANY CHANGES, THE AS-BUILTS SHALL HAVE THE CONTRACTOR'S NAME, PREPARER'S SIGNATURE, AND DATE.
- 8. IF THE MODIFICATION INSTALLATION WOULD FAIL THE PMI ("FAILED PMI"), THE CONTRACTOR SHALL WORK WITH THE ENGINEER OF RECORD TO COORDINATE A
 - A. CORRECT FAILING ISSUES TO COMPLY WITH THE SPECIFICATIONS CONTAINED IN THE ORIGINAL CONTRACT DOCUMENTS AND COORDINATE A
 - B. OR WITH EOR'S APPROVAL THE GC MAY WORK WITH THE EOR TO RE-ANALYZE THE MODIFICATION/REINFORCEMENT/UPGRADE USING THE AS-BUILT
- 9. NOTE: IF LOADING IS DIFFERENT THAN THAT SHOWN IN THESE CONSTRUCTION DRAWINGS OR STRUCTURAL/ MOUNT MODIFICATION DRAWINGS, CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD IMMEDIATELY FOR RESOLUTION.
- 10. THE ENGINEERING FIRM PERFORMING AN ANALYSIS SHALL PROVIDE A CONTRACTOR'S PHOTO LOG AND CHECKLIST TO BE COMPLETED BY THE INSTALLING CONTRACTOR. THE CONTRACTOR SHALL THEN PROVIDE POST-INSTALLATION INFORMATION TO THE STRUCTURAL ENGINEER. THE STRUCTURAL ENGINEER SHALL REVIEW THE DOCUMENTS FOR ANY DEFICIENCIES THAT CAN BE DETERMINED FROM THE DESKTOP REVIEW OF THE DATA. THE ENGINEERING FIRM SHALL THEN PROVIDE DOCUMENTATION TO VZW THAT THE SITE IS COMPLETED. AND THE PMI REPORT IS APPROVED



GAMMA SECTOR PLACEMENT DIAGRAM

ALPHA SECTOR PLACEMENT DIAGRAM

BETA SECTOR PLACEMENT DIAGRAM



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PROJECT No A24322-1896.004.875 DESIGNED BY: CHECKED BY: DESCRIPTION DATE ISSUED FOR CONSTRUCTION 1/26/22

ISSUED FOR CONSTRUCTION 2/7/23 VZW LOCATION CODE (PSLC) 15013 169390 REDS DATE 10/20/3 SITE NAME: MAUMEE RIVE 850 VOCKE STREE SITE ADDRESS NAPOLEAN, OH 4354 HENRY COUNT LATITUDE 41.395389° / 41° 23' 43.4004°



PMI REQUIREMENTS & PLACEMENTS