

**CITY OF BILOXI
AGENDA ITEM
FACT SHEET**

Item No.: 5S

Council Meeting Date: August 18, 2026

ITEM TITLE: RESOLUTION

INTRODUCED BY: Mayor Andrew "FoFo" Gilich

CONTACT PERSON: Richard Weaver, Chief Administrative Officer

Peter Abide, City Attorney

SUMMARY EXPLANATION:

Resolution authorizing consent to modification of antenna facilities by T-Mobile USA, Inc. on the Bay Vista Water Tower (2491 Pass Road) pursuant to the Site Lease Agreement, dated October 4, 2017

Resolution ☒ Ordinance _____ Public Hearing _____ Routine Agenda _____

Exhibits for Review

Contract ☒ Minutes _____ Plans/Maps _____ Deed _____ Lease _____

Other (Specify): Exhibit A: Consent letter

Submittal Authorization: Council President _____ Mayor ☒

STAFF RECOMMENDATION: Staff recommends approval

COUNCIL ACTION: Motion By: _____ Second By: _____

Vote:	Councilmember	Yes	No	AFR	ABST	Councilmember	Yes	No	AFR	ABST
	Gray	_____	_____	_____	_____	Tisdale	_____	_____	_____	_____
	Marshall	_____	_____	_____	_____	Glavan	_____	_____	_____	_____
	Nail	_____	_____	_____	_____	Shoemaker	_____	_____	_____	_____
	Creel	_____	_____	_____	_____					

ACTION TAKEN:

081826ocon

Resolution No.

RESOLUTION AUTHORIZING CONSENT TO MODIFICATION OF ANTENNA FACILITIES BY T-MOBILE USA, INC. ON THE BAY VISTA WATER TOWER (2491 PASS ROAD) PURSUANT TO THE SITE LEASE AGREEMENT, DATED OCTOBER 4, 2017

WHEREAS, by Resolution No. 490-17, the governing authorities of the City of Biloxi (the “City”) approved entry into that certain Site Lease Agreement (the “Agreement”), dated October 4, 2017, with Powertel/Memphis, Inc. a/k/a T-Mobile USA, Inc. (“T-Mobile”) for the lease of space located on top of the City’s water tower at 2491 Pass Road for the purposes of installing and maintaining wireless telecommunication equipment in exchange for compensation in the amount of Twenty Thousand Dollars (\$20,000.00) per year, with a three percent (3%) increase every year;

WHEREAS, pursuant to the Agreement, T-Mobile has the right, subject to the approval of the City, to make reasonable alterations to its equipment on the leased premises and has requested the City’s consent to the installation of new equipment at this time;

WHEREAS, T-Mobile, by and through its project manager, SMW Engineering Group, Inc, has requested certain the City’s consent to the removal of certain equipment and the installation of new equipment, as further explained in the letter, attached hereto as Exhibit “A”;

WHEREAS, the new equipment proposed by T-Mobile will not occupy additional space on the water tower and will decrease the total weight of T-Mobile’s equipment located on the water tower; and

WHEREAS, it is the recommendation of Peter C. Abide, City Attorney, that the City consent to T-Mobile’s plan regarding the placement and removal of equipment on the City’s water tower located at 2491 Pass Road, as described in Exhibit “A” attached hereto.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND THE CITY COUNCIL

OF THE CITY OF BILOXI, MISSISSIPPI, AS FOLLOWS:

SECTION ONE: The findings, conclusions, and statements of fact contained in the foregoing preamble are hereby adopted, ratified and incorporated herein.

SECTION TWO: The Mayor, on behalf of the City of Biloxi, is hereby authorized to execute the letter, attached hereto as Exhibit "A," indicating the City's consent to T-Mobile USA, Inc.'s installation of new equipment on the City's water tower located at 2491 Pass Road.

SECTION THREE: This resolution shall take effect and be in force from and after adoption.



July 8, 2026

RE: Notice of T-Mobile Equipment Modification and Request for Consent
Tenant Site Name: Bay Vista WT
Tenant Site Number: 9MT1019B
Site Address: 2491 Pass Rd., Biloxi, MS 39531

Dear Landlord,

As a result of improvements made in technology, T-Mobile South, LLC ("Tenant") will be modifying equipment on their existing communications facility at the property listed above.

The purpose of this letter is to notify and to obtain the consent of the The City of Biloxi, Mississippi ("Landlord"), regarding certain changes that would result from the proposed modifications. Tenant needs to add and/or swap antennas and associated equipment at this facility per the attached Construction Drawings Rev 0 dated June 4, 2026.

Please provide consent by signing this letter and returning it to me. Additionally, I will need to know with whom in your organization to contact to coordinate the installation schedule and access to the facility.

Thanking you for your cooperation in this matter,

Sincerely,

Jimmy Papa
Project Manager
SMW Engineering Group

LANDLORD CONSENT (Bay Vista WT - 9MT1019B)

Agreed to this _____ day of _____, 2026.

The City of Biloxi, Mississippi

By: _____

Print Name: _____

Title: _____

Landlord's contact information for schedule and coordination of installation.

Name: _____ Phone: _____

Email: _____



T-MOBILE SITE ID

9MT1019B

T-MOBILE SITE NAME

BAY VISTA WT

PROJECT TYPE

L600

TOWER TYPE

EXISTING 141'-2" WATER TANK

SITE ADDRESS

**2491 PASS RD.
BILOXI, MS 39531**



SITE NAME

9MT1019B

T-MOBILE ID / SITE NAME
BAY VISTA WT

SITE ADDRESS
**2491 PASS RD.
BILOXI, MS 39531**

ISSUED FOR:

REV	DESCRIPTION	BY	DATE
A	CLIENT REVIEW	ZDS	04/30/26
B	CLIENT REVIEW	ZDS	05/08/26
0	FOR CONSTRUCTION	JO	06/04/26

CA# E-0265



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TITLE SHEET & PROJECT
INFORMATION

SHEET NUMBER:

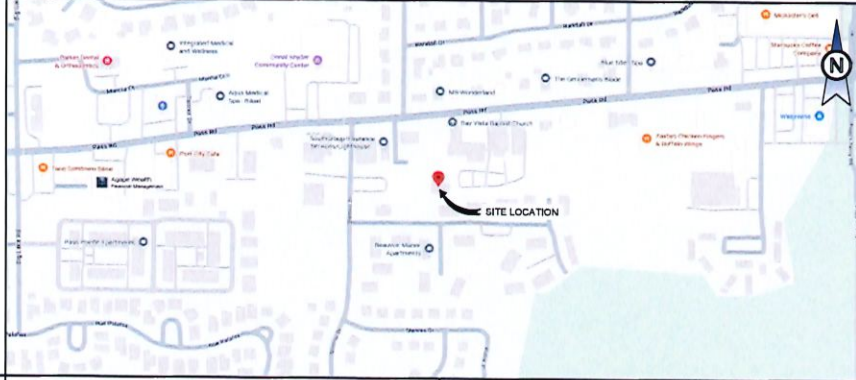
T-1

COMPLIANCE CODE

ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNMENT AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THESE CODES.

1. 2018 INTERNATIONAL BUILDING CODE (IBC)
2. 2018 NATIONAL ELECTRIC CODE (NEC)
3. LOCAL BUILDING CODE
4. CITY/COUNTY ORDINANCES

VICINITY MAP



SHEET INDEX

SHEET NO:	DESCRIPTION:
T-1	TITLE SHEET & PROJECT INFORMATION
GN-1	GENERAL NOTES
G-1	SITE PLAN
C-1.1	PROPOSED EQUIPMENT PLAN
C-2	TOWER ELEVATION
C-2.1	T-MOBILE ANTENNA PLAN
C-3	T-MOBILE RFDS
C-3.1	T-MOBILE RFDS
E-1	ELECTRICAL NOTES
G-1	T-MOBILE GROUNDING PLAN

SITE SUMMARY

SITE TYPE:
PROPOSED EQUIPMENT INSTALLATION NSD

RAN TEMPLATE:
PH2P_3-SEC LB+MB+TDD

RACKHAUL TYPE:
NOT REQUIRED

SITE ADDRESS:
2491 PASS RD.
BILOXI, MS 39531

SITE LATITUDE:
30° 24' 0.1" N / 30.4003°

SITE LONGITUDE:
88° 02' 56.0" W / -88.982393°

JURISDICTION:
N/A

UTILITY COMPANIES

POWER COMPANY:
TBD

TELEPHONE COMPANY:
TBD

HANDICAP REQUIREMENTS

FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION.
HANDICAP ACCESS IS NOT REQUIRED.

PLUMBING REQUIREMENTS

FACILITY HAS NO SANITARY OR POTABLE WATER

PROJECT DESCRIPTION

THE PROPOSED PROJECT SCOPE WILL CONSIST OF CONSTRUCTING A NEW TELECOMMUNICATIONS BASE STATION INSTALLATION ON AN EXISTING TOWER SITE. THE PROPOSED CONSTRUCTION WILL INCLUDE THE INSTALLATION OF ANTENNA, RADIOS, CABLES AND RELATED EQUIPMENT ON THE TOWER AS WELL AS THE RADIOS, CABINETS, UTILITIES AND ANCILLARY EQUIPMENT ON THE GROUND.

DRIVING DIRECTIONS

DRIVING DIRECTIONS FROM 1110 MONTUMAR DRIVE, MOBILE, AL 36609:
GET ON I-65 S FROM MONTUMAR DR. FOLLOW I-10 W TO CEDAR LAKE RD IN BILOXI. TAKE EXIT 44 FROM I-10 W. USE ANY LANE TO TURN LEFT ONTO CEDAR LAKE RD. USE THE RIGHT 2 LANES TO TURN RIGHT ONTO POPPS FERRY RD. TURN RIGHT ONTO PASS RD. TURN LEFT. TURN RIGHT. TURN RIGHT. DESTINATION WILL BE ON THE RIGHT

PROJECT TEAM

ENGINEER:
SMW ENGINEERING
158 BUSINESS CENTER DRIVE
BIRMINGHAM, AL 35244
CONTACT: JEREMY SHARIT, PE
PHONE: 205-397-6781

APPLICANT:
T-MOBILE
1110 MONTUMAR DRIVE SUITE 900
MOBILE, AL 36609

TOWER OWNER:
NOT PROVIDED



GENERAL NOTES:

1. THE CONTRACTOR MUST VERIFY ALL DIMENSIONS, CONDITIONS AND ELEVATIONS BEFORE STARTING WORK. ALL DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ENGINEER AND SHALL BE RESOLVED BEFORE PROCEEDING WITH THE WORK. ALL WORK SHALL BE PERFORMED IN A WORKMANLIKE MANNER IN ACCORDANCE WITH ACCEPTED CONSTRUCTIONS PRACTICES.
2. IT IS THE INTENTION OF THESE DRAWINGS TO SHOW COMPLETED INSTALLATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TEMPORARY BRACING, SHORING, TIES, FORM WORK, ETC. IN ACCORDANCE WITH ALL NATIONAL, STATE, AND LOCAL ORDINANCES, TO SAFELY EXECUTE ALL WORK AND SHALL BE RESPONSIBLE FOR SAME. ALL WORK SHALL BE IN ACCORDANCE WITH LOCAL ORDERS.
3. THE CONTRACTOR SHALL USE ADEQUATE NUMBER OF SKILLED WORKMEN WHO ARE THOROUGHLY TRAINED AND EXPERIENCED IN THE NECESSARY CRAFTS AND WHO ARE COMPLETELY FAMILIAR WITH THE SPECIFIED REQUIREMENTS AND METHOD NEEDED FOR PROPER PERFORMANCE OF THE WORK.
4. CONSTRUCTION CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, CONSTRUCTION CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING THE SAFETY OF ALL PERSONS AND PROPERTY. THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. CONSTRUCTION CONTRACTOR FURTHER AGREES TO INDEMNIFY AND HOLD DESIGN ENGINEER HARMLESS FROM ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH PERFORMANCE OF WORK ON THIS PROJECT.
5. SITE GROUNDING SHALL COMPLY WITH TOWER OWNER GROUNDING STANDARDS, LATEST EDITION, WHEN NATIONAL AND LOCAL GROUNDING CODES ARE MORE STRINGENT THEY SHALL GOVERN. GROUNDING SHALL BE COMPLETED BEFORE ERECTION OF THE TOWER.
6. ALL WORK SHALL COMPLY WITH OSHA AND STATE SAFETY REQUIREMENTS. PROCEDURES FOR THE PROTECTION OF EXCAVATIONS, EXISTING CONSTRUCTION AND UTILITIES SHALL BE ESTABLISHED PRIOR TO FOUNDATION INSTALLATION. IF TEMPORARY LIGHTING AND MARKING IS REQUIRED BY THE FEDERAL AVIATION ADMINISTRATION (FAA), IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN THE NECESSARY LIGHTS AND NOTIFY THE PROPER AUTHORITIES IN THE EVENT OF A PROBLEM.
7. ALL WORK SHALL BE ACCOMPLISHED IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL CODES AND ORDINANCES. THE MOST STRINGENT CODE WILL APPLY IN THE CASE OF DISCREPANCIES OR DIFFERENCES IN THE CODE REQUIREMENTS.
8. ANY DAMAGE TO ADJACENT PROPERTIES SHALL BE CORRECTED AT THE CONTRACTORS EXPENSE.
9. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AMPLE NOTICE TO THE BUILDING INSPECTION DEPARTMENT TO SCHEDULE THE REQUIRED INSPECTIONS. A MINIMUM OF 24 HOURS OF NOTICE SHALL BE GIVEN AND THE BUILDING INSPECTION DEPARTMENTS HAVE REQUESTED THAT GROUPS OF TWO OR THREE SITES BE SCHEDULED AT ONE TIME IF POSSIBLE.
10. CONSTRUCTION MANAGER WILL CONFIRM FAA APPROVAL OF TOWER LOCATION BY ISSUING TOWER RELEASE FORM. NO TOWER SHALL BE CONSTRUCTED UNTIL THE TOWER RELEASE FORM IS ISSUED TO THE CONTRACTOR.
11. THE COMPLETE BID PACKAGE INCLUDES THESE CONSTRUCTION DRAWINGS ALONG WITH THE SPECIFICATIONS AND TOWER DRAWINGS. CONTRACTOR IS RESPONSIBLE FOR REVIEW OF TOTAL BID PACKAGE PRIOR TO BID SUBMITTAL.
12. CONTRACTOR SHALL VERIFY LOCATION OF ALL EXISTING UTILITIES WITHIN CONSTRUCTION LIMITS PRIOR TO CONSTRUCTION.
13. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING POSITIVE DRAINAGE ON THE SITE AT ALL TIMES. SILT AND EROSION CONTROL SHALL BE MAINTAINED ON THE DOWNSTREAM SIDE OF THE SITE AT ALL TIMES. ANY DAMAGE TO ADJACENT PROPERTIES SHALL BE CORRECTED AT THE CONTRACTORS EXPENSE.
14. CLEARING OF TREES AND VEGETATION ON THE SITE SHOULD BE HELD TO A MINIMUM. ONLY THE TREES NECESSARY FOR CONSTRUCTION OF THE FACILITIES SHALL BE REMOVED. ANY DAMAGE TO PROPERTY OUTSIDE THE LEASE PROPERTY PROPERTIES SHALL BE CORRECTED AT THE CONTRACTOR'S EXPENSE.
15. ALL SUITABLE BORROW MATERIAL FOR BACK FILL OF THE SITE SHALL BE INCLUDED IN THE BID. EXCESS TOPSOIL AND UNSUITABLE MATERIAL SHALL BE DISPOSED OF OFF SITE AT LOCATIONS APPROVED BY GOVERNING AGENCIES PRIOR TO DISPOSAL.
16. SEEDING AND MULCHING OF THE SITE SHALL BE ACCOMPLISHED AS SOON AS POSSIBLE AFTER COMPLETION OF THE SITE DEVELOPMENT. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND MAINTAINING AN ADEQUATE COVER OF VEGETATION OVER THE SITE FOR A ONE YEAR PERIOD.
17. FOR ITEM THAT SHALL BE PROVIDED BY THE OWNER & INSTALLED BY THE CONTRACTOR, REF "OWNER SUPPLIED MATERIAL LIST" INSERTED IN THIS DRAWINGS PACKAGE.
18. OBTAIN AND PAY FOR REQUIRED PERMITS, LICENSES, FEES INSPECTIONS, ETC.
19. RECORD DRAWINGS: MAINTAIN A RECORD OF ALL CHANGES, SUBSTITUTIONS BETWEEN WORK AS SPECIFIED AND INSTALLED. RECORD CHANGES ON A CLEAN SET OF CONTRACT DRAWINGS WHICH SHALL BE TURNED OVER TO THE CONSTRUCTION MANAGER UPON COMPLETIONS OF THE PROJECT.
20. THE CONTRACTOR SHALL VISIT THE SITE BEFORE BIDDING ON THE WORK CONTAINED IN THIS DESIGN PACKAGE

	FENCE
	CONTOUR LINE
	PROPERTY LINE/ROW
	LEASE AREA
	EASEMENT
	DISCONNECT SWITCH
	METER
	CIRCUIT BREAKER
	CODED NOTE NUMBER
	CHEMICAL GROUND ROD
	GROUND ROD
	GROUND ROD W/ INSPECTION SLEEVE
	EXOTHERMIC CONNECTION
	MECHANICAL CONNECTION
	COMPRESSION CONNECTION
	GROUND BAR
	GROUND WIRE

ABBREVIATIONS:

AFF	ABOVE FINISHED FLOOR
AGL	ABOVE GROUND LEVEL
AMSL	ABOVE MEAN SEA LEVEL
APPROX.	APPROXIMATELY
AWG	AMERICAN WIRE GAUGE
BDLG	BUILDING
BTS	BASE TRANSMISSION STATION
BBU	BASE BAND UNIT
CLR	CLARENCE
COL	COLUMN
CONC.	CONCRETE
CND	CONDUIT
CTR	CENTER
DWG	DRAWING
DWN	DOWN
ELEC	ELECTRICAL
EMT	ELECTRICAL METALLIC TUBING
ELE	ELEVATION
EQUIP	EQUIPMENT
(E) OR EXIST	EXISTING
EXT	EXTERIOR
FIB	FIBER
' OR FT.	FOOT
FLR.	FLOOR
(F) OR FUT.	FUTURE
GA	GAUGE
GALV	GALVANIZED
GB	GROUND BAR
GND	GROUND
GPS	GLOBAL POSITIONING SYSTEM
GW	GROUND WIRE
" OR IN	INCH(ES)
INT	INTERIOR
LBS	POUNDS
LTE	LONG TERM EVOLUTION
MAX	MAXIMUM
MFR	MANUFACTURER
MGB	MASTER GROUND BAR
MIN	MINIMUM
N.T.S	NOT TO SCALE
N/A	NOT APPLICABLE
(N) OR NEW	NEW
O.C.	ON CENTER
OE	OVERHEAD ELECTRIC
OT	OVERHEAD TELCO
PPC	POWER PROTECTION CABINET
PWR	POWER
RBS	RADIO BASE STATION
REF	REFERENCE
RRU	REMOTE RADIO UNIT
RGS	RIGID GALVANIZED STEEL
SF	SQUARE FOOT
STD	STANDARD
STL	STEEL
TYP.	TYPICAL
UE	UNDERGROUND ELECTRIC
UT	UNDERGROUND TELCO
U.N.O	UNLESS OTHERWISE NOTED
V.I.F	VERIFY IN FIELD
XMFR	TRANSFORMER

T Mobile



SITE NAME
9MT1019B
T-MOBILE ID / SITE NAME
BAY VISTA WT
SITE ADDRESS
2401 PASS RD.
BILOXI, MS 39531

ISSUED FOR:			
REV	DESCRIPTION	BY	DATE
A	CLIENT REVIEW	ZDS	04/30/26
B	CLIENT REVIEW	ZDS	05/08/26
0	FOR CONSTRUCTION	JO	06/04/26

CA# E-0265



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GENERAL NOTES

SHEET NUMBER:

GN-1

SNN JOB #25-0495

SITE NOTES:

1. DIGGING AND/OR TRENCHING INSIDE COMPOUND, MUST BE DONE BY HAND.
2. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO FIELD VERIFY THE EXACT LOCATIONS OF EXISTING UTILITIES WHICH MAY CONFLICT WITH PROPOSED IMPROVEMENTS.
3. LOCATION OF UNDERGROUND UTILITIES WAS NOT PERFORMED.
4. THE ADEQUACY OF EXISTING SITE UTILITIES TO ACCOMMODATE NEW CO-LOCATION LOAD(S) WAS NOT VERIFIED.
5. ALL EXISTING VEGETATION AND IMPROVEMENTS SHOWN ARE TO REMAIN UNLESS OTHERWISE SHOWN IN THESE DRAWINGS.

INSTALL 1 NOTICE/1 NOC INFO/ 1 RF GUIDELINE SIGN AT EACH ACCESS POINT AS DEPICTED



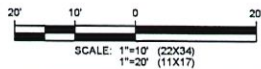
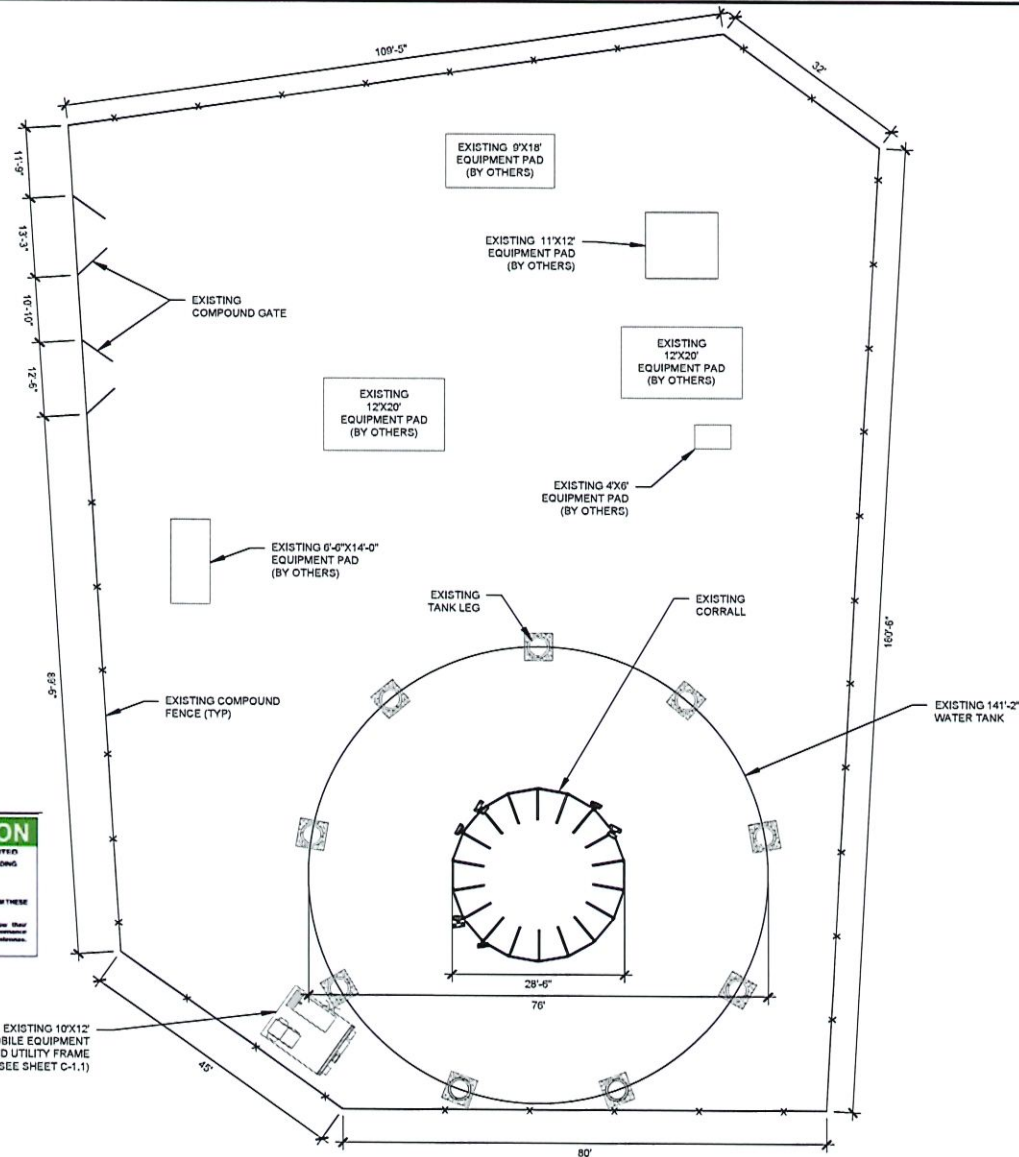
EXAMPLE



EXAMPLE



EXAMPLE



T Mobile



SITE NAME
9MT1018B
T-MOBILE ID / SITE NAME
BAY VISTA WT
SITE ADDRESS
2491 PASS RD.
BILOXI, MS 39531

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CA# E-0265



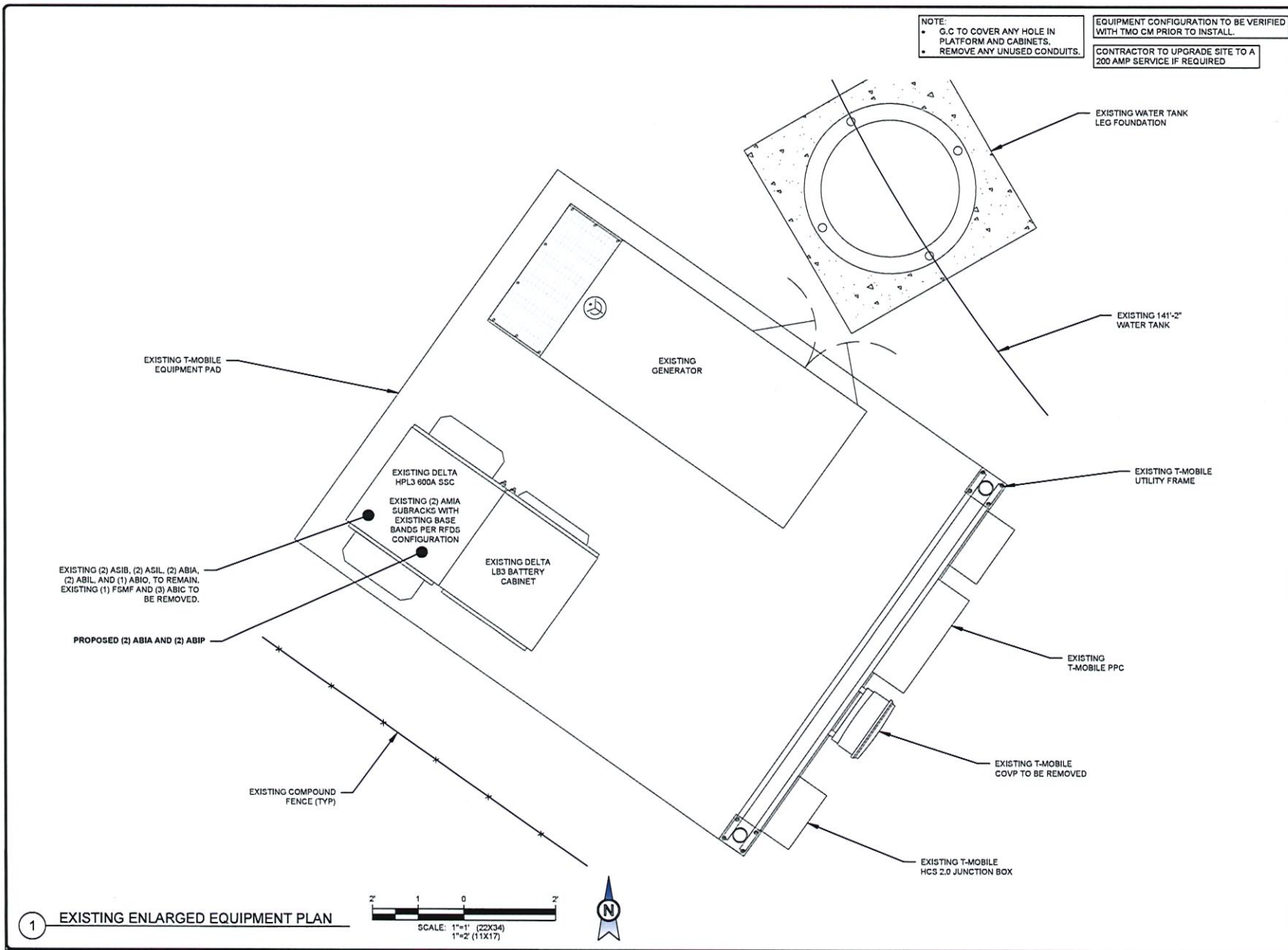
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SITE PLAN

SHEET NUMBER:

C-1

1 SITE PLAN



T Mobile



SITE NAME
9MT1019B

T-MOBILE ID / SITE NAME
BAY VISTA WT

SITE ADDRESS
2491 PASS RD.
BILOXI, MS 39531

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PROPOSED
EQUIPMENT PLAN

SHEET NUMBER:
C-1.1

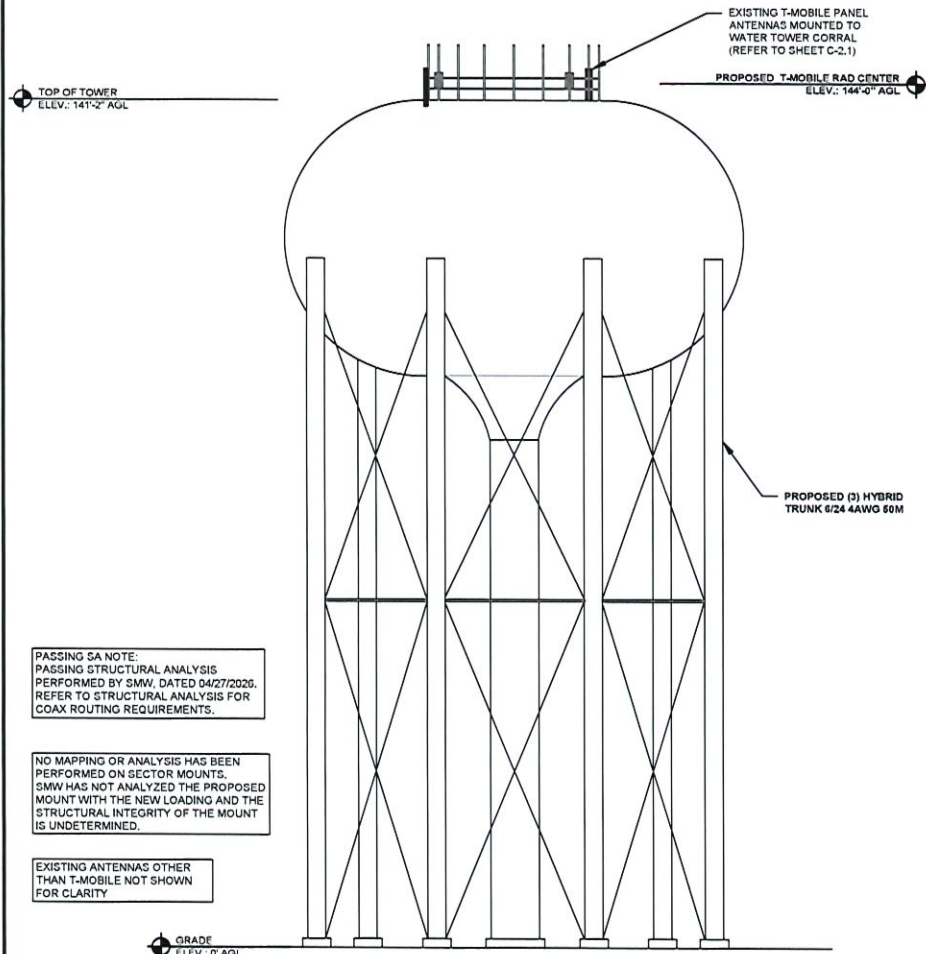
SMW JOB # 25-0095

STRUCTURAL NOTES:

1. SMW HAS NOT PERFORMED A STRUCTURAL ANALYSIS OF THE EXISTING TOWER OR ANTENNA MOUNT. REFER TO STRUCTURAL ANALYSIS OR STRUCTURAL LETTER BY OTHERS FOR ADDITIONAL INFORMATION.
2. IF THE TOWER STRUCTURAL ANALYSIS SHOWS THE NEED FOR TOWER REINFORCEMENT REFER TO TOWER REINFORCEMENT DESIGN PRIOR TO THE INSTALLATION OF ANY PROPOSED EQUIPMENT.
3. REFER TO TOWER STRUCTURAL ANALYSIS FOR PROPOSED CABLE ROUTING AND ATTACHMENT DETAILS.
4. TOWER ELEVATION SHOWN IS NOT DRAWN TO SCALE AND IS INTENDED ONLY FOR REFERENCE PURPOSES. REFER TO ORIGINAL TOWER DESIGN FOR ADDITIONAL INFORMATION.

ANTENNA NOTES:

1. THE PRE-APPLICATION & LEASE DIRECTION OF THE ANTENNA SHALL BE ADJUSTED TO MEET SYSTEM REQUIREMENTS.
2. CONTRACTOR SHALL VERIFY HEIGHT OF ANTENNA WITH T-MOBILE PCS PM.
3. CONTRACTOR SHALL VERIFY HEIGHT AND DIRECTION OF MICROWAVE DISHES WITH T-MOBILE PROJECT MANAGER (WHEN APPLICABLE).
4. ALL ANTENNA AZIMUTHS TO BE FROM MAGNETIC NORTH.
5. CONTRACTOR TO USE EXISTING ANTENNA TOP HAT.



PASSING SA NOTE:
PASSING STRUCTURAL ANALYSIS
PERFORMED BY SMW, DATED 04/27/2020.
REFER TO STRUCTURAL ANALYSIS FOR
COAX ROUTING REQUIREMENTS.

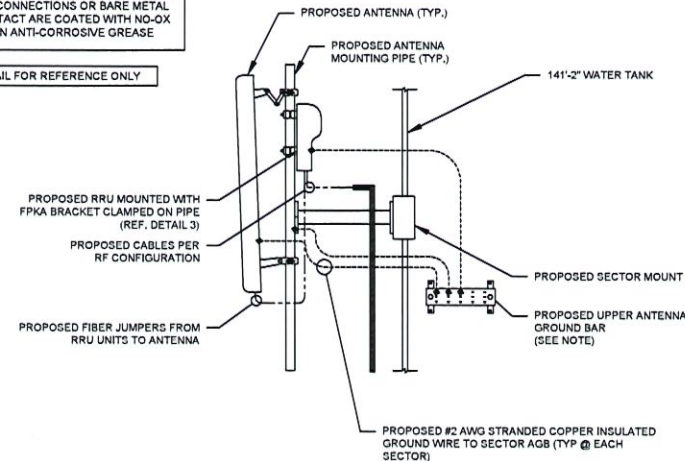
NO MAPPING OR ANALYSIS HAS BEEN
PERFORMED ON SECTOR MOUNTS.
SMW HAS NOT ANALYZED THE PROPOSED
MOUNT WITH THE NEW LOADING AND THE
STRUCTURAL INTEGRITY OF THE MOUNT
IS UNDETERMINED.

EXISTING ANTENNAS OTHER
THAN T-MOBILE NOT SHOWN
FOR CLARITY

1 TOWER ELEVATION
SCALE: N.T.S.

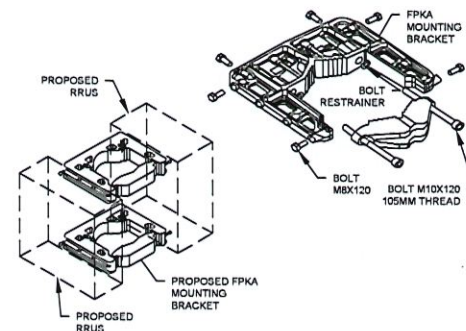
CONTRACTOR TO PROVIDE GROUND
BAR AND INSTALL ON TOWER WITHIN
10' OR LESS OF NEWLY MOUNTED
RADIOS AND EQUIPMENT.
CONTRACTOR TO BOND GROUND BAR
TO EXISTING TOWER GROUND
SYSTEM OR TO THE TOWER. ENSURE
ALL CONNECTIONS OR BARE METAL
CONTACT ARE COATED WITH NO-OX
OR AN ANTI-CORROSIVE GREASE

DETAIL FOR REFERENCE ONLY



2 TOWER EQUIPMENT MOUNTING DETAIL
SCALE: N.T.S.

DETAIL FOR REFERENCE ONLY



3 FPKA MOUNTING BRACKET DETAIL
SCALE: N.T.S.

T Mobile

SMW
ENGINEERING GROUP, INC.
TOGETHER PLANNING A BETTER TOMORROW
158 BUSINESS CENTER DRIVE
BIRMINGHAM, AL 35244
TEL: 205-252-4965 www.smweng.com

SITE NAME
9MT1019B
T-MOBILE ID / SITE NAME
BAY VISTA WT
SITE ADDRESS
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BILOXI, MS 39531

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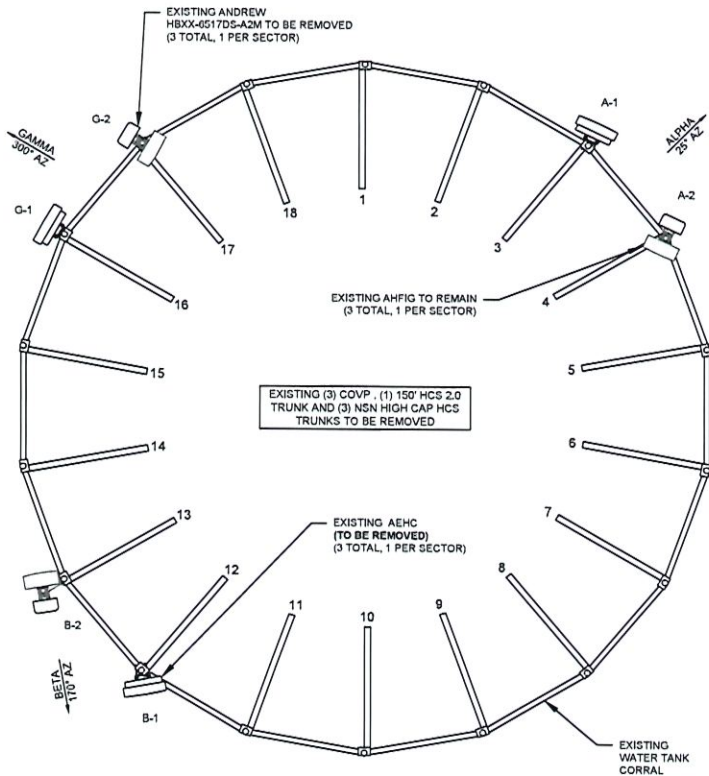
CA# E-0265



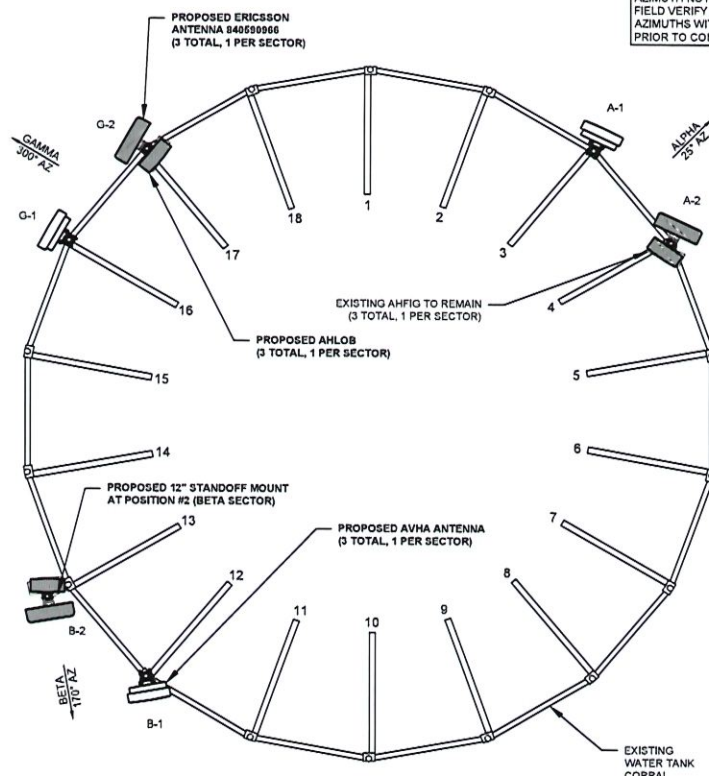
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ENGINEER, TO ALTER THIS DOCUMENT.

TOWER ELEVATION

SHEET NUMBER:
C-2



1 EXISTING ANTENNA ORIENTATION PLAN
SCALE: N.T.S.



2 PROPOSED ANTENNA ORIENTATION PLAN
SCALE: N.T.S.

FINAL ANTENNA SCHEDULE						
SECTOR	AZIMUTH	MARK	RAD CENTER	ANTENNA MODEL	RADIO MODEL	CABLES
ALPHA	25°	A1	144'	840500966 (P)	(1) AHLOB (P) (1) AHFG (E)	(3) ±165' HYBRID TRUNK 6/24 4AWG 50M (P)
		A2	144'	AVHA (P)	-	
BETA	170°	B1	144'	840500966 (P)	(1) AHLOB (P) (1) AHFG (E)	
		B2	144'	AVHA (P)	-	
GAMMA	300°	G1	144'	840500966 (P)	(1) AHLOB (P) (1) AHFG (E)	
		G2	144'	AVHA (P)	-	

NO MAPPING OR ANALYSIS HAS BEEN PERFORMED ON SECTOR MOUNTS. SMW HAS NOT ANALYZED THE PROPOSED MOUNT WITH THE NEW LOADING AND THE STRUCTURAL INTEGRITY OF THE MOUNT IS UNDETERMINED.

PASSING SA NOTE:
PASSING STRUCTURAL ANALYSIS PERFORMED BY SMW, DATED 04/27/2026. REFER TO STRUCTURAL ANALYSIS FOR COAX ROUTING REQUIREMENTS.

T Mobile

SMW
ENGINEERING GROUP, INC.
TOGETHER PLANNING A BETTER TOMORROW
158 BUSINESS CENTER DRIVE
BIRMINGHAM, AL 35244
TEL 205-252-0995 www.smweng.com

SITE NAME
9MT1019B
T-MOBILE ID / SITE NAME
BAY VISTA WT
SITE ADDRESS
2491 PASS RD.
BLOXI, MS 39531

ISSUED FOR:			
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B	CLIENT REVIEW	ZDS	05/08/26
0	FOR CONSTRUCTION	JO	06/04/26

CA# E-0265

JEREMY D. SHARP
LICENSED PROFESSIONAL
ENGINEER
19180
STATE OF MISSISSIPPI
06/04/2026

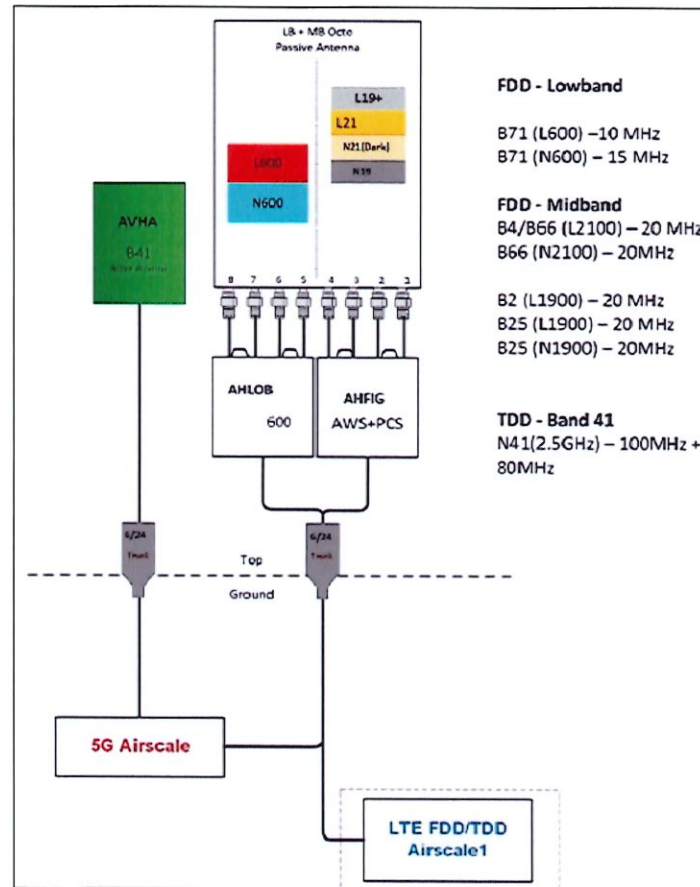
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T-MOBILE ANTENNA PLAN

SHEET NUMBER:

C-2.1

Section 1 - Site Information				
Site ID: 9MT10198 Purpose: ASE Status: Ready For Review Version: 5 Project Type: L600 Last Modified: 05/02/2020 12:12:45 AM Last Modified By: Abhinav.Bajpai2@T-Mobile.com		Site Name: Bay Vista W7 Site Class: WaterTank Site Type: Structure Non Building Plan Year: 2025 Market: MOBILE AL Vendor: Nokia Landlord: The City of Erixi		Latitude: 30.4003 Longitude: -89.902393 Address: 2401 Pass Rd City, State: Biloxi, MS Region: SOUTH
RAN Template: PH2P_3-Sec LB+MB+TDD AL Template: 56793				
Sector Count: 3	Antenna Count: 6	Cable Line Count: 0	TMA Count: 0	RRU Count: 6
Proposed RAN Equipment				
Template: PH2P_3-Sec LB+MB+TDD				
Enclosure	1	2	3	4
Enclosure Type	Tower Top Mount (Nokia)	Delta MPL3 600A Site Support Cabinet - ES3A600-MCU01	Ancillary Equipment (Nokia)	Delta LB3 Battery Cabinet (4 strings)
Radio	AHFIQ (x3) N1900 N2100 (DARK) L1900 L2100 G1900	AHLOD (x3) N100 L600		
Baseband		AQB L600 L1900 L2100 FQMF G1900	ASIM N2500 ASIM N600 N1900 N2100 (DARK)	
Baseband Submodule		ABIA (x2) L1900 L2100 ABIP N2500	ABIA L600 L2100 ABIP N600 N1900 N2100 (DARK)	
Baseband Subrack		ABIA AMID		
Power subsystem				Batteries "Select size" Breakers "Select size" Rectifier Shelf "Select size"
Transport System		CSR DRe V2 (Gen2)		
Power		Delta BOOST Voltage Booster w/ 4 Modules Delta SPD Tray - Floor Mount w/ 9 Modules		
Hybrid Cable System				Hybrid Trunk 6/24 4AWG 50m (x3)



T-Mobile



SITE NAME
9MT1019B

T-MOBILE ID / SITE NAME
BAY VISTA WT

SITE ADDRESS
2491 PASS RD.
BILOXI, MS 39531

ISSUED FOR:			
REV	DESCRIPTION	BY	DATE
A	CLIENT REVIEW	ZDS	04/30/26
B	CLIENT REVIEW	ZDS	05/08/26
0	FOR CONSTRUCTION	JO	06/04/26

CA# E-0265



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T-MOBILE RFDS

SHEET NUMBER:
C-3

SUN JOB #25-0495

Sector 1 (Proposed) view from front (Note: the images show view from behind)

Coverage Type	(A - Outdoor Macro)				
Antenna	1		2		
Antenna Model	(64050096) (Octo)		AVHA (Active Antenna - Massive MIMO)		
Azimuth	(25)		(25)		
M. Tilt	(0)		(0)		
RAD Center (ft.)	(144)		(144)		
Ports	P1	P2	P3	P4	P5
Active Tech	N100 L100	L100 N100	N1900 L1900 L2100 G1900	N1900 G1900 L2100	N2500
Dark Tech			N2100	N2100	
Restricted Tech					
Decomm. Tech					
E. Tilt	(2)	(2)			(2)
Cables					
TMMs					
Duplexer / Combiners					
Radio					
Sector Equipment					

Sector 2 (Proposed) view from front (Note: the images show view from behind)

Coverage Type	(A - Outdoor Macro)				
Antenna	1		2		
Antenna Model	(64050096) (Octo)		AVHA (Active Antenna - Massive MIMO)		
Azimuth	(170)		(170)		
M. Tilt	(0)		(0)		
RAD Center (ft.)	(144)		(144)		
Ports	P1	P2	P3	P4	P5
Active Tech	N100 L100	L100 N100	N1900 L1900 L2100 G1900	N1900 G1900 L2100	N2500
Dark Tech			N2100	N2100	
Restricted Tech					
Decomm. Tech					
E. Tilt	(2)	(2)			(2)
Cables					
TMMs					
Duplexer / Combiners					
Radio					
Sector Equipment					

Sector 3 (Proposed) view from front (Note: the images show view from behind)

Coverage Type	(A - Outdoor Macro)				
Antenna	1		2		
Antenna Model	(64050096) (Octo)		AVHA (Active Antenna - Massive MIMO)		
Azimuth	(300)		(300)		
M. Tilt	(0)		(0)		
RAD Center (ft.)	(144)		(144)		
Ports	P1	P2	P3	P4	P5
Active Tech	N100 L100	L100 N100	N1900 L1900 L2100 G1900	N1900 G1900 L2100	N2500
Dark Tech			N2100	N2100	
Restricted Tech					
Decomm. Tech					
E. Tilt	(2)	(2)			(2)
Cables					
TMMs					
Duplexer / Combiners					
Radio					
Sector Equipment					

DETAILS BY OTHERS NOTE:
DETAILS SHOWN ON THIS PAGE WERE PROVIDED BY OTHERS
AND ARE NOT CARRIED UNDER THE SIGNATURE AND SEAL OF
SMW AND/OR ITS ENGINEERS.

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T-MOBILE RFDS

SHEET NUMBER:
C-3.1

SMW JOB #25-0485

ELECTRICAL INSTALLATION NOTES

1. ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS, NEC AND ALL APPLICABLE LOCAL CODES.
2. CONDUIT ROUTINGS ARE SCHEMATIC. SUBCONTRACTOR SHALL INSTALL CONDUITS SO THAT ACCESS TO EQUIPMENT IS NOT BLOCKED.
3. WIRING, RACEWAY AND SUPPORT METHODS AND MATERIALS SHALL COMPLY WITH THE REQUIREMENTS OF THE NEC AND TERCORDIA.
4. ALL CIRCUITS SHALL BE SEGREGATED AND MAINTAIN MINIMUM CABLE SEPARATION AS REQUIRED BY THE NEC AND TERCORDIA.
5. CABLES SHALL NOT BE ROUTED THROUGH LADDER-STYLE CABLE TRAY RUNGS.
6. EACH END OF EVERY POWER, POWER PHASE CONDUCTOR (I.E., HOTS), GROUNDING, AND T1 CONDUCTOR AND CABLE SHALL BE LABELED WITH COLOR-CODED INSULATION OR ELECTRICAL TAPE (3M BRAND, 1/2 INCH PLASTIC ELECTRICAL TAPE WITH UV PROTECTION, OR EQUAL). THE IDENTIFICATION METHOD SHALL CONFORM WITH NEC & OSHA.
7. ALL ELECTRICAL COMPONENTS SHALL BE CLEARLY LABELED WITH ENGRAVED LAMACOID PLASTIC LABELS. ALL EQUIPMENT SHALL BE LABELED WITH THEIR VOLTAGE RATING, PHASE CONFIGURATION, WIRE CONFIGURATION, POWER OR CAPACITY RATING, AND BRANCH CIRCUIT ID NUMBERS (I.E., PANELBOARD AND CIRCUIT IDS).
8. PANELBOARDS (ID NUMBERS) AND INTERNAL CIRCUIT BREAKERS (CIRCUIT ID NUMBERS) SHALL BE CLEARLY LABELED WITH ENGRAVED LAMACOID PLASTIC LABELS.
9. ALL TIE WRAPS SHALL BE CUT FLUSH WITH APPROVED CUTTING TOOL TO REMOVE SHARP EDGES.
10. POWER, CONTROL, AND EQUIPMENT GROUND WIRING IN TUBING OR CONDUIT SHALL BE SINGLE CONDUCTOR (#14 AWG OR LARGER), 600 V, OIL RESISTANT THHN OR THWN-2, CLASS B STRANDED COPPER CABLE RATED FOR 90 ° C (WET AND DRY) OPERATION; LISTED OR LABELED FOR THE LOCATION AND RACEWAY SYSTEM USED, UNLESS OTHERWISE SPECIFIED.
11. SUPPLEMENTAL EQUIPMENT GROUND WIRING LOCATED INDOORS SHALL BE SINGLE CONDUCTOR (#6 AWG OR LARGER), 600 V, OIL RESISTANT THHN OR THWN-2 GREEN INSULATION, CLASS B STRANDED COPPER CABLE RATED FOR 90 ° C (WET AND DRY) OPERATION; LISTED OR LABELED FOR THE LOCATION AND RACEWAY SYSTEM USED, UNLESS OTHERWISE SPECIFIED.
12. POWER AND CONTROL WIRING, NOT IN TUBING OR CONDUIT, SHALL BE MULTI-CONDUCTOR, TYPE TC CABLE (#14 AWG OR LARGER), 600 V, OIL RESISTANT THHN OR THWN-2, CLASS B STRANDED COPPER CABLE RATED FOR 90 ° C (WET AND DRY) OPERATION; WITH OUTER JACKET; LISTED OR LABELED FOR THE LOCATION USED, UNLESS OTHERWISE SPECIFIED.
13. ALL POWER AND POWER GROUNDING CONNECTIONS SHALL BE CRIMP-STYLE, COMPRESSION WIRE LUGS AND WIRENUTS BY THOMAS AND BETTS (OR EQUAL). LUGS AND WIRENUTS SHALL BE RATED FOR OPERATION AT NO LESS THAN 75 ° C (90 ° C IF AVAILABLE).
14. RACEWAY AND CABLE TRAY SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANS/IEEE, AND NEC.
15. ELECTRICAL METALLIC TUBING (EMT) OR RIGID NONMETALLIC CONDUIT (I.E., RIGID PVC SCHEDULE 40, OR RIGID PVC SCHEDULE 80 FOR LOCATIONS SUBJECT TO PHYSICAL DAMAGE) SHALL BE USED FOR EXPOSED INDOOR LOCATIONS.
16. ELECTRICAL METALLIC TUBING (EMT), ELECTRICAL NONMETALLIC TUBING (ENT), OR RIGID NONMETALLIC CONDUIT (RIGID PVC, SCHEDULE 40) SHALL BE USED FOR CONCEALED INDOOR LOCATIONS.
17. GALVANIZED STEEL INTERMEDIATE METALLIC CONDUIT (IMC) SHALL BE USED FOR OUTDOOR LOCATIONS ABOVE GRADE.
18. RIGID NONMETALLIC CONDUIT (I.E., RIGID PVC SCHEDULE 40 OR RIGID PVC SCHEDULE 80) SHALL BE USED UNDERGROUND; DIRECT BURIED, IN AREAS OF OCCASIONAL LIGHT VEHICLE TRAFFIC OR ENCASED IN REINFORCED CONCRETE IN AREAS OF HEAVY VEHICLE TRAFFIC.
19. LIQUID-TIGHT FLEXIBLE METALLIC CONDUIT (LIQUID-TITE FLEX) SHALL BE USED INDOORS AND OUTDOORS, WHERE VIBRATION OCCURS OR FLEXIBILITY IS NEEDED.
20. CONDUIT AND TUBING FITTINGS SHALL BE THREADED OR COMPRESSION-TYPE AND APPROVED FOR THE LOCATION USED. SETSCREW FITTINGS ARE NOT ACCEPTABLE.
21. CABINETS, BOXES, AND WIREWAYS SHALL BE LISTED OR LABELED FOR ELECTRICAL USE IN ACCORDANCE WITH NEMA, UL, ANS/IEEE, AND NEC.
22. WIREWAYS SHALL BE EPOXY-COATED (GRAY) AND INCLUDE A HINGED COVER, DESIGNED TO SWING OPEN DOWNWARD; SHALL BE PANDUIT TYPE E (OR EQUAL); AND RATED NEMA 1 (OR BETTER) INDOORS, OR NEMA 3R (OR BETTER) OUTDOORS.
23. EQUIPMENT CABINETS, TERMINAL BOXES, JUNCTION BOXES, AND PULL BOXES SHALL BE GALVANIZED OR EPOXY-COATED SHEET STEEL, SHALL MEET OR EXCEED UL 50, AND RATED NEMA 1 (OR BETTER) INDOORS, OR NEMA 3R (OR BETTER) OUTDOORS.
24. METAL RECEPTACLE, SWITCH, AND DEVICE BOXES SHALL BE GALVANIZED, EPOXY-COATED, OR NON-CORRODING; SHALL MEET OR EXCEED UL 514A AND NEMA OS 1; AND RATED NEMA 1 (OR BETTER) INDOORS, OR WEATHER PROTECTED (WP OR BETTER) OUTDOORS.
25. NONMETALLIC RECEPTACLE, SWITCH, AND DEVICE BOXES SHALL MEET OR EXCEED NEMA OS 2; AND RATED NEMA 1 (OR BETTER) INDOORS, OR WEATHER PROTECTED (WP OR BETTER) OUTDOORS.
26. THE SUBCONTRACTOR SHALL NOTIFY AND OBTAIN NECESSARY AUTHORIZATION FROM THE CONTRACTOR BEFORE COMMENCING WORK ON THE AC POWER DISTRIBUTION PANELS.
27. THE SUBCONTRACTOR SHALL PROVIDE NECESSARY TAGGING ON THE BREAKERS, CABLES AND DISTRIBUTION PANELS IN ACCORDANCE WITH THE APPLICABLE CODES AND STANDARDS TO SAFEGUARD AGAINST LIFE AND PROPERTY.
28. THE SUBCONTRACTOR SHALL LABEL THE METER BASE PER LOCAL UTILITY REQUIREMENTS.

1 ELECTRICAL NOTES

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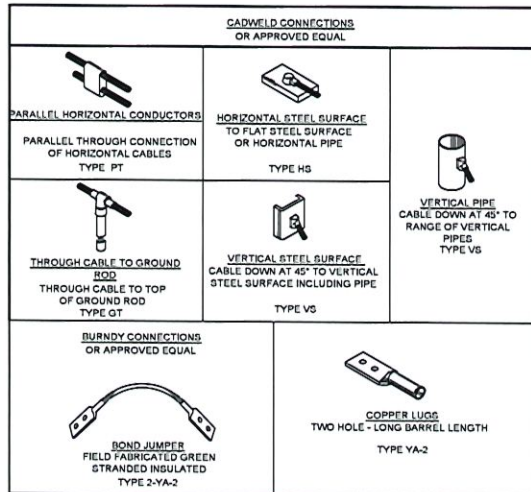


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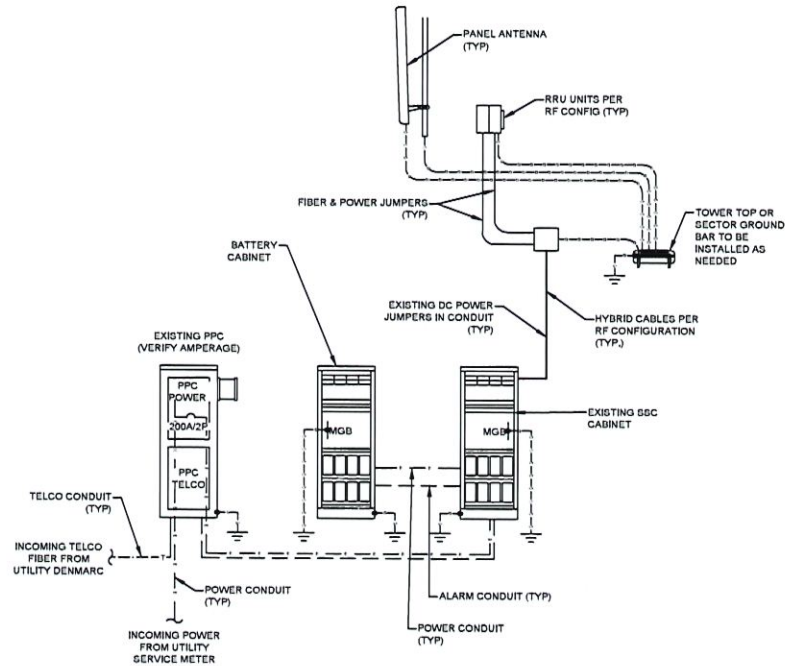
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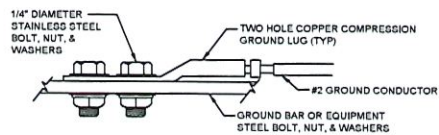
E-1



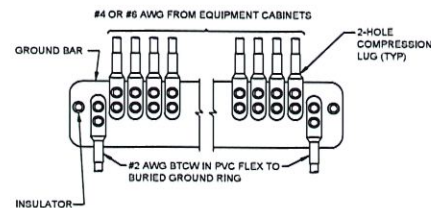
1 **GROUNDING CONNECTION DETAILS**
SCALE: N.T.S.



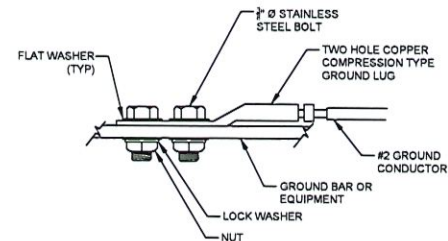
2 **EQUIPMENT POWER, TELCO & GROUNDS SCHEMATIC**
SCALE: N.T.S.



3 **TWO HOLE LUG CONNECTION DETAIL**
SCALE: N.T.S.



4 **GROUND BAR DETAIL**
SCALE: N.T.S.



5 **MECHANICAL GROUND CONNECTION**
SCALE: N.T.S.

T Mobile

SMW
ENGINEERING GROUP, INC.
TOGETHER PLANNING A BETTER TOMORROW
154 BUSINESS CENTER DRIVE
BIRMINGHAM, AL 35244
TEL 205-252-6985 www.smweng.com

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GROUNDING DETAILS

SHEET NUMBER:

G-1