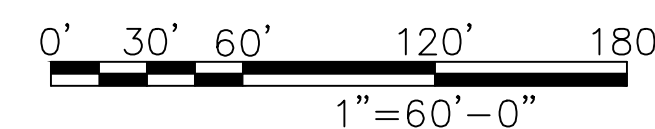


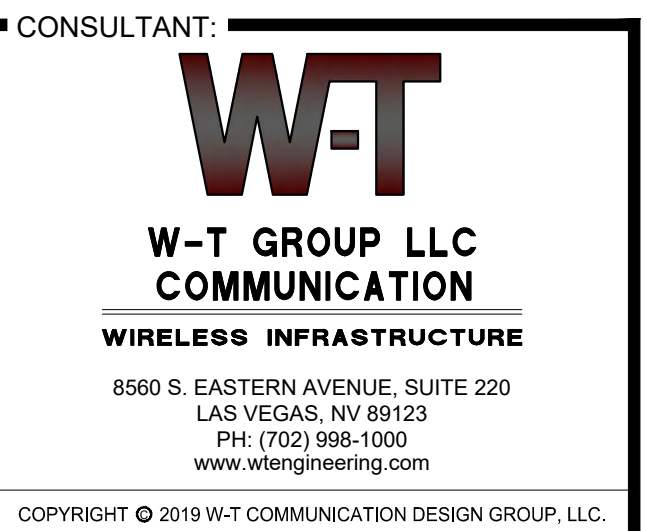
1. CONTRACTOR WILL NOT START CONSTRUCTION UNTIL AFTER THEY HAVE RECEIVED THE PRE-CON PACKAGE AND HAVE A PRE-CON WALK WITH THE PROJECT MANAGER.
2. CONTRACTOR TO HIRE PUBLIC (811) AND PRIVATE LOCATING SERVICE IN ORDER TO LOCATE AND PROTECT ALL SURFACE UTILITIES. DO NOT SCALE OFF THESE PLANS FOR ANY BELOW GRADE UTILITIES
3. CONTRACTOR SHALL VERIFY ALL EXISTING BURIED AND OVERHEAD UTILITIES PRIOR TO EXCAVATION. CONTRACTOR SHALL REPAIR ALL DAMAGED UTILITIES AT HIS OWN COST AND COORDINATE ANY REPAIRS WITH RESPECTIVE UTILITY COMPANY.
4. CONTRACTOR TO VERIFY ALL HEIGHTS AND AZIMUTHS IN FIELD PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY T-MOBILE AND ENGINEERING FIRM OF ANY DISCREPANCIES BEFORE PROCEEDING.
5. CONTRACTOR SHALL RESTORE AND REPAIR ANY DAMAGED AREAS CAUSED BY CONSTRUCTION.



SCALE: 1" = 60'-0"

1

COMPOUND DISTANCE TO PROPERTY LINES (FROM EDGE OF COMPOUND)	
	PROVIDED
NORTH	±202'-2"
EAST	±11'-11"
SOUTH	±169'-9"
WEST	±554'-2"



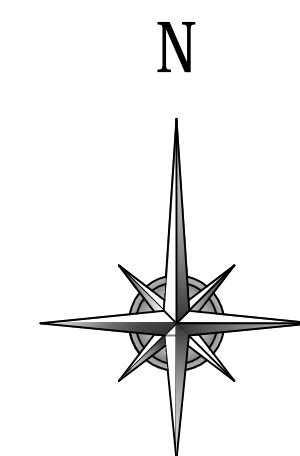
NOT TO BE USED FOR
CONSTRUCTION

DRAWN BY: **DYP** CHK: **RJG** APV: **JKR**

**AZ-0056/ NORTH ALMA
SCHOOL ROAD
PH60307A
733 N. LONGMORE
MESA, ARIZONA 85201
MARICOPA COUNTY
T1801394**

OVERALL SITE PLAN

ZD-1

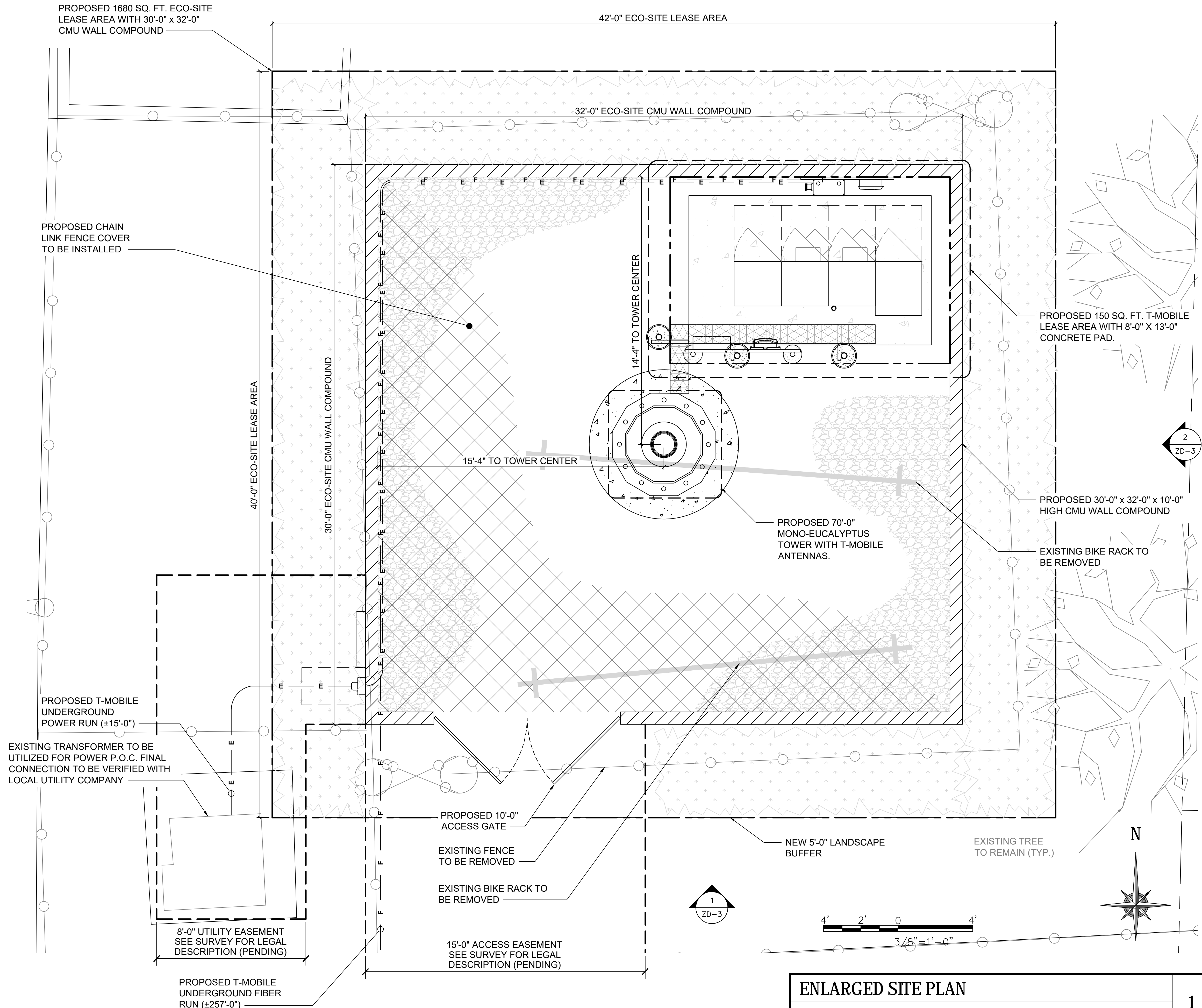


1. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE DRAWINGS AND SPECIFICATIONS. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE STATE, LOCAL AND NATIONAL CODES, ORDINANCES AND OR REGULATIONS APPLICABLE TO THIS PROJECT.

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE WORK OF ALL TRADES AND SHALL CHECK ALL DIMENSIONS. ALL DISCREPANCIES SHALL BE CALLED TO THE ATTENTION OF THE ECO-SITE CONSTRUCTION MANAGER AND/OR ENGINEER AND BE RESOLVED BEFORE PROCEEDING WITH WORK. WHERE THERE IS A CONFLICT BETWEEN DRAWING AND ECO-SITE SPECIFICATIONS, THE ECO-SITE CONSTRUCTION MANAGER SHOULD BE CONTACTED FOR CLARIFICATION.
3. ALL INFORMATION SHOWN ON THE DRAWINGS RELATIVE TO EXISTING CONDITIONS IS GIVEN AS THE BEST PRESENT KNOWLEDGE, BUT WITHOUT GUARANTEE OF ACCURACY. WHERE ACTUAL CONDITIONS CONFLICT WITH THE DRAWINGS, THEY SHALL BE REPORTED TO THE ECO-SITE CONSTRUCTION MANAGER AND/OR ENGINEER SO THAT PROPER REVISIONS MAY BE MADE. MODIFICATION OF DETAILS OF CONSTRUCTION SHALL NOT BE MADE WITHOUT WRITTEN APPROVAL OF THE CONSTRUCTION MANAGER AND/OR ENGINEER.
4. CONTRACTOR SHALL REVIEW AND BE FAMILIAR WITH SITE CONDITIONS AS SHOWN ON THE ATTACHED SITE PLAN AND/OR SURVEY DRAWINGS.
5. WAVEGUIDE BRIDGE AND PRE-FAB SHELTER ARE SHOWN FOR REFERENCE ONLY. REFER TO SEPARATE PRE-ENGINEERED DRAWINGS FOR SPECIFIC INFORMATION INCLUDING FOOTINGS AND WAVEGUIDE BRIDGE LOCATION.
6. ALL FINISHED GRADES SHALL SLOPE MINIMUM 1/4 IN./FT. AWAY FROM EQUIPMENT IN ALL DIRECTIONS. CONTRACTOR SHALL SLOPE SWALES AS REQUIRED ALONG EXISTING TERRAIN TO DRAIN AWAY FROM COMPOUND AND ACCESS DRIVE.
7. THE PROPOSED TOWER AND TOWER FOUNDATIONS WERE DESIGNED BY OTHERS. TOWER INFORMATION PROVIDED ON THESE PLANS ARE PROVIDED FOR REFERENCE PURPOSES ONLY. TOWER DIMENSIONS SHOWN ON THIS PLAN ARE FOR TOWER CENTER LOCATION. CAISSONS AND TOWER SHOWN ON THIS PLAN ARE ILLUSTRATIVE; SEE DESIGN DRAWINGS BY OTHERS. DO NOT SCALE. NOTIFY ENGINEER OR ECO-SITE CONSTRUCTION MANAGER OF ANY CONFLICTS OR DISCREPANCIES. CONTRACTOR TO OBTAIN COPY OF TOWER DESIGN DRAWINGS FROM ECO-SITE CONSTRUCTION MANAGER TO CONFIRM COAX ROUTING AND ANTENNA MOUNT INFORMATION.
8. THE CONTRACTOR SHALL PROVIDE ADEQUATE EXCAVATION SLOPING, SHORING, BRACING, AND GUYS IN ACCORDANCE WITH ALL NATIONAL, STATE, AND LOCAL SAFETY ORDINANCES.
9. UPON COMPLETION OF CONSTRUCTION, CONTRACTOR IS RESPONSIBLE FOR REPAIRING ANY DAMAGE CAUSED BY CONSTRUCTION ACTIVITIES TO THE EXISTING ACCESS ROAD AND COMPOUND GRAVEL AREAS. ANY NEW FILL MATERIALS SHALL BE COMPACTED.
10. THE CONTRACTOR IS HEREBY NOTIFIED THAT PRIOR TO COMMENCING CONSTRUCTION, HE IS RESPONSIBLE FOR CONTACTING THE UTILITY COMPANIES INVOLVED AND SHALL REQUEST A VERIFICATION AT THE CONSTRUCTION SITE OF THE LOCATIONS OF THEIR UNDERGROUND UTILITIES AND WHERE THEY MAY POSSIBLY CONFLICT WITH THE PLACEMENT OF IMPROVEMENTS AS SHOWN ON THESE PLANS. THE CONTRACTOR OR ANY SUBCONTRACTOR FOR THIS CONTRACT WILL BE REQUIRED TO NOTIFY "STATE 811" 72 NUMBER OF HOURS IN ADVANCE OF PERFORMING ANY WORK BY CALLING THE TOLL FREE NUMBER (800)-422-4133. ANY UTILITIES DAMAGED BY CONSTRUCTION ACTIVITIES SHALL BE REPAIRED BY THE CONTRACTOR, AT NO EXPENSE TO THE OWNER.
11. CONTRACTOR TO PROVIDE DUMPSTER AND PORTABLE TOILET FACILITY DURING CONSTRUCTION.
12. CONTRACTOR TO PROVIDE STYMIIE LOCK OR EQUIVALENT AS APPROVED BY ECO-SITE CONSTRUCTION MANAGER.

1. ECO-SITE STAFF SHALL COORDINATE WITH THE PROPERTY OWNER TO OBTAIN THE PROPER EASEMENT AGREEMENTS TO CONSTRUCT AND MAINTAIN EQUIPMENT IN AND AROUND THE TOWER COMPOUND.

1. ROUTE COAX UP TOWER PER TOWER DESIGN DRAWING BY TOWER OWNER.



ENLARGED SITE PLAN

SCALE: 3/8" = 1'-0"

1

Eco-Site[®]**T-Mobile**

complete wireless solutions

CONSULTANT: 

**W-T GROUP LLC
COMMUNICATION**

WIRELESS INFRASTRUCTURE

8560 S. EASTERN AVENUE, SUITE 220
LAS VEGAS, NV 89123
PH: (702) 998-1000
www.wtengineering.com

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[illegible]

DRAWN BY: DYP CHK: RJG APV: JKR

PROJECT INFORMATION:

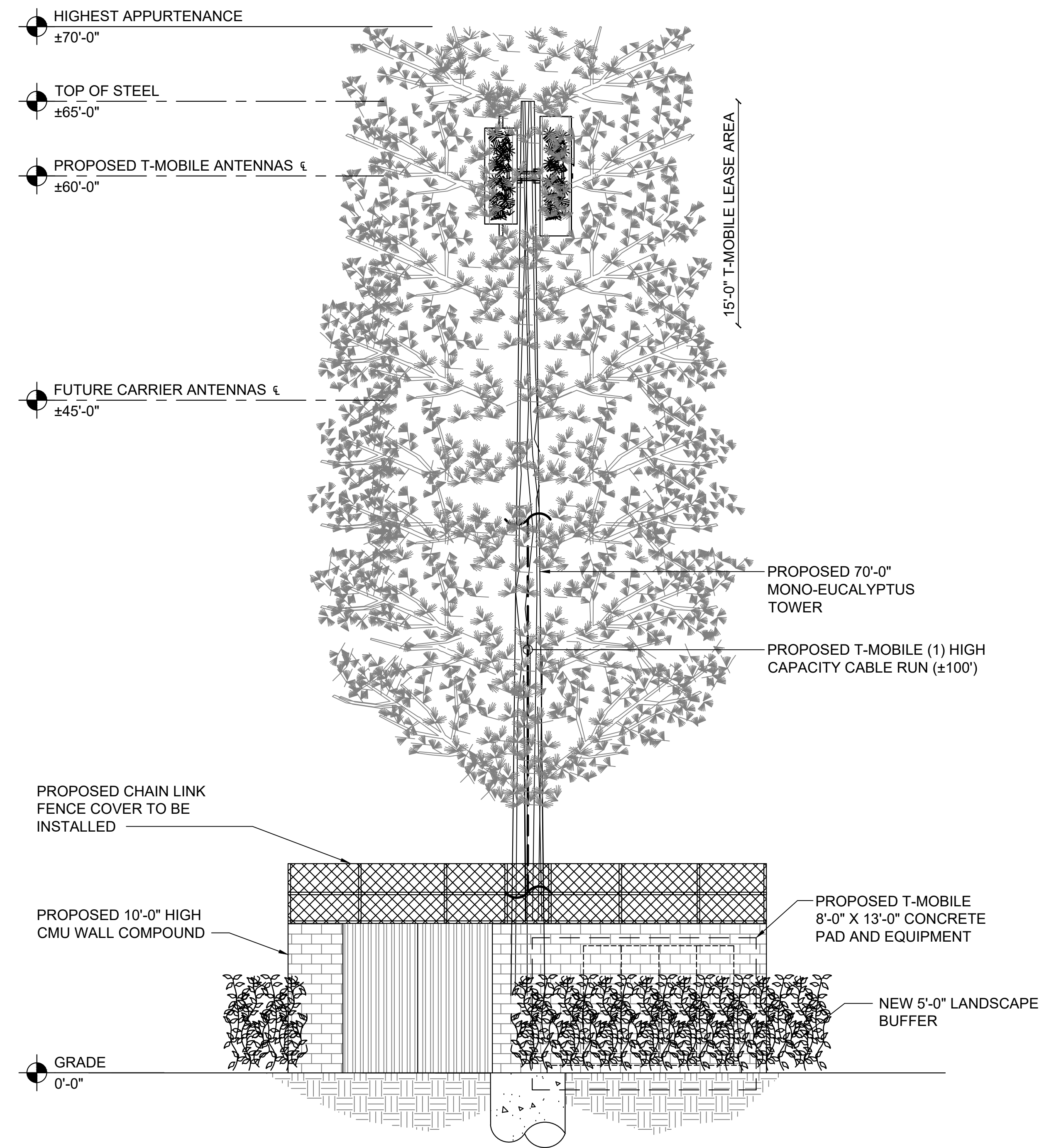
**AZ-0056/ NORTH ALMA
SCHOOL ROAD**

PH60307A

733 N. LONGMORE
MESA, ARIZONA 85201
MARICOPA COUNTY
T1801394

SHEET TITLE: **ENLARGED
SITE PLAN**

■ SHEET NUMBER: **ZD-2**



ELEVATION (SOUTH)

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

1

NOTE:
CONTRACTOR TO VERIFY ALL HEIGHTS AND AZIMUTHS IN FIELD PRIOR TO CONSTRUCTION. CONTRACTOR SHALL NOTIFY T-MOBILE AND ENGINEERING FIRM OF ANY DISCREPANCIES BEFORE PROCEEDING.

NOTE:
CONTRACTOR SHALL VERIFY ALL FINAL CONNECTION LOCATIONS WITH T-MOBILE ENGINEER, RF ENGINEER, AND NET-OPS PRIOR TO INSTALLATION.

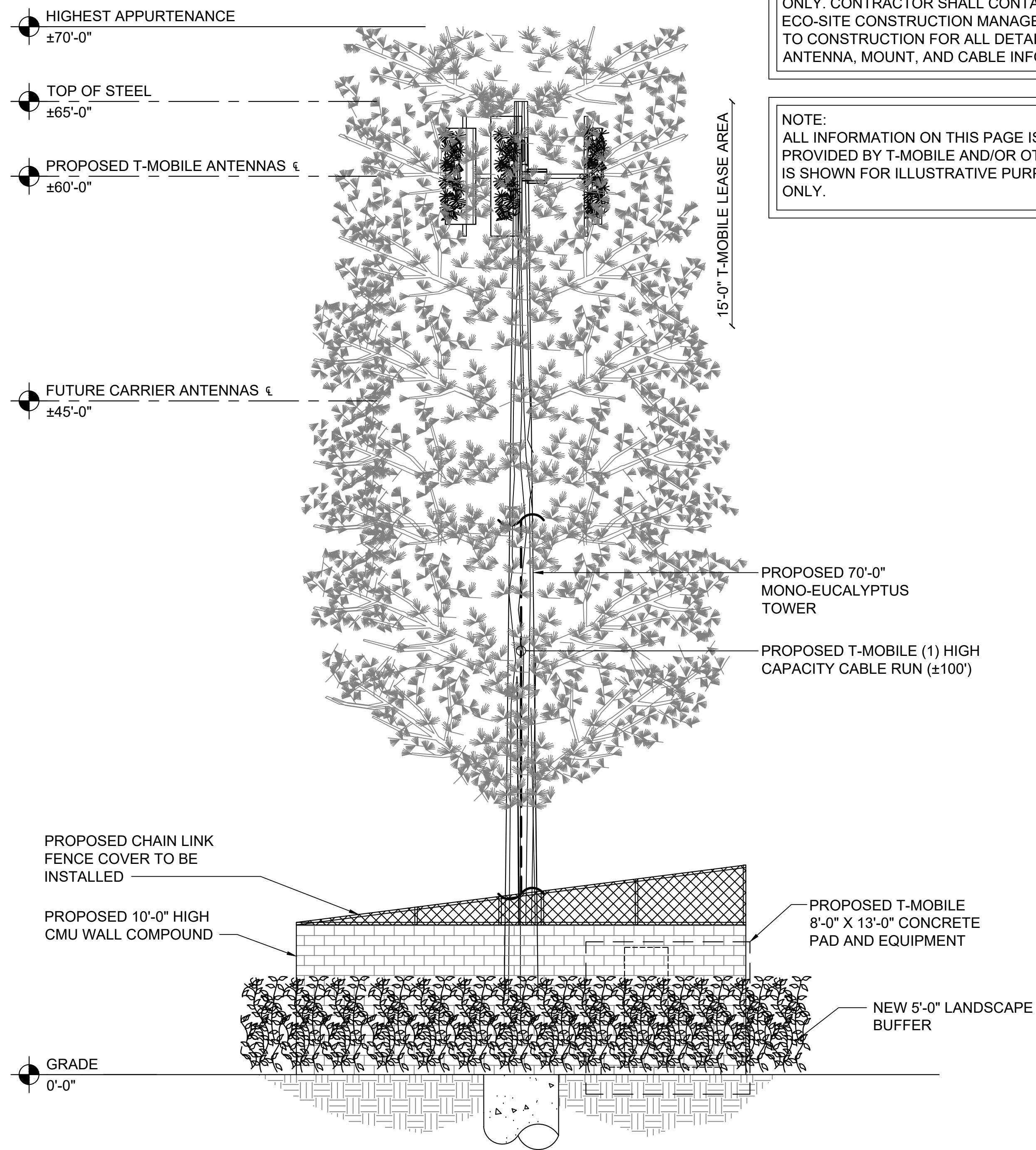
NOTE:
CONTRACTOR TO USE PROPER TORQUE WRENCH WHEN INSTALLING AND TIGHTENING CONNECTORS TO INSURE PROPER FIT.

NOTE:
CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING FINAL RF CONFIGURATION AND NOTIFY T-MOBILE AND ENGINEERING FIRM WITH ANY DISCREPANCIES.

NOTE:
W-T'S SCOPE OF WORK DOES NOT INCLUDE A STRUCTURAL EVALUATION OF THIS TOWER OR STRUCTURE. NEW ANTENNAS AND EQUIPMENT SHOWN ON THIS PLAN HAVE NOT BEEN EVALUATED TO VERIFY THE TOWER OR STRUCTURE HAS THE CAPACITY TO ADEQUATELY SUPPORT THESE ANTENNAS. PRIOR TO ANY ANTENNA OR EQUIPMENT INSTALLATION, A STRUCTURAL EVALUATION OF THE TOWER OR STRUCTURE, INCLUDING ALL ANTENNA MOUNTING SYSTEMS & HARDWARE SHALL BE PERFORMED.

NOTE:
ALL INFORMATION ON THIS PAGE IS PROVIDED BY ECO-SITE AND/OR OTHERS AND IS SHOWN FOR ILLUSTRATIVE PURPOSES ONLY. CONTRACTOR SHALL CONTACT THE ECO-SITE CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION FOR ALL DETAILED ANTENNA, MOUNT, AND CABLE INFORMATION.

NOTE:
ALL INFORMATION ON THIS PAGE IS PROVIDED BY T-MOBILE AND/OR OTHERS AND IS SHOWN FOR ILLUSTRATIVE PURPOSES ONLY.



ELEVATION (EAST)

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

2

Eco-Site

T-Mobile

velocitel
complete wireless solutions

CONSULTANT:
W-T
W-T GROUP LLC
COMMUNICATION
WIRELESS INFRASTRUCTURE
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LAS VEGAS, NV 89123
PH: (702) 998-1000
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REV:	DATE:	DESCRIPTION:	BY:
A	07/26/18	FOR CLIENT REVIEW	DYP
B	08/06/18	CHAIN LINK COVER	DYP
C	08/07/18	CLIENT COMMENTS	DYP
D	08/15/18	CLIENT COMMENTS	DYP
E	09/04/18	ADD SURVEY	DYP
F	10/15/18	CABINETS NORTH	DYP
G	11/06/18	ANTENNA PLAN	DYP
H	02/18/19	100% ZONING	DYP

DRAWN BY:	CHK:	APV:
DYP	RJG	JKR

PROJECT INFORMATION:
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733 N. LONGMORE
MESA, ARIZONA 85201
MARICOPA COUNTY
T1801394

SHEET TITLE:
ELEVATIONS

SHEET NUMBER:
ZD-3

Eco-Site

T-Mobile

velocitel

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CONSULTANT:

W-T

W-T GROUP LLC
COMMUNICATION

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A	07/26/18	FOR CLIENT REVIEW	DYP
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D	08/15/18	CLIENT COMMENTS	DYP
E	09/04/18	ADD SURVEY	DYP
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G	11/06/18	ANTENNA PLAN	DYP
H	02/18/19	100% ZONING	DYP

DRAWN BY: DYP CHK: RJG APV: JKR

PROJECT INFORMATION:

AZ-0056/ NORTH ALMA
SCHOOL ROAD
PH60307A
733 N. LONGMORE
MESA, ARIZONA 85201
MARICOPA COUNTY
T1801394

SHEET TITLE:

ANTENNA PLAN

SHEET NUMBER:

ZD-4

ALPHA = 0°
SKEW = 0°

6'-0"
3'-8"
4'-0"
2'-9"

(1) PROPOSED ANTENNA FOR LTE 600 & GSM PCS TO BE INSTALLED ON PROPOSED PIPE MOUNT

(1) PROPOSED AHLOA TO BE INSTALLED ON PROPOSED PIPE MOUNT

(1) PROPOSED COVP TO BE BANDED DIRECTLY TO TOWER

PROPOSED RRU TO BE INSTALLED WITHIN PROPOSED ANTENNA

(1) PROPOSED ANTENNA FOR LTE AWS & LTE PCS TO BE INSTALLED ON PROPOSED PIPE MOUNT

PROPOSED T-FRAME KIT. NEWAVE PART# MTF3-2472-3-25-96 OR APPROVED EQUAL

GAMMA = 240°
SKEW = 0°

(1) PROPOSED ANTENNA FOR LTE 600 & GSM PCS TO BE INSTALLED ON PROPOSED PIPE MOUNT

(1) PROPOSED AHLOA TO BE INSTALLED ON PROPOSED PIPE MOUNT

(1) PROPOSED G1900 RRU TO BE BANDED DIRECTLY TO TOWER

(1) PROPOSED AHLOA TO BE INSTALLED ON PROPOSED PIPE MOUNT

(1) PROPOSED ANTENNA FOR LTE 600 & GSM PCS TO BE INSTALLED ON PROPOSED PIPE MOUNT

(1) PROPOSED ANTENNA FOR LTE AWS & LTE PCS TO BE INSTALLED ON PROPOSED PIPE MOUNT

PROPOSED RRU TO BE INSTALLED WITHIN PROPOSED ANTENNA

PROPOSED 70'-0" MONO-EUCALYPTUS TOWER

BETA = 120°
SKEW = 0°

ANTENNA SECTOR	AZIMUTH	# OF ANT	# OF RRU's	CENTER LINE	CABLE SIZE
ALPHA	0°	2	2	±60'-0"	TBD
BETA	120°	2	2	±60'-0"	TBD
GAMMA	240°	2	2	±60'-0"	TBD
-	-	-	-	-	-
GPS	N/A	1	N/A	N/A	TBD

NOTE: CONSTRUCTION MANAGER TO FIELD VERIFY CABLE LENGTHS PRIOR TO OPENING, FABRICATION, OR INSTALLATION OF CABLES CHECK RF DATA SHEET.

N

NOT USED	1
SCALE: NONE	

ANTENNA PLAN	2
SCALE: 1/2" = 1'-0"	

NOT USED

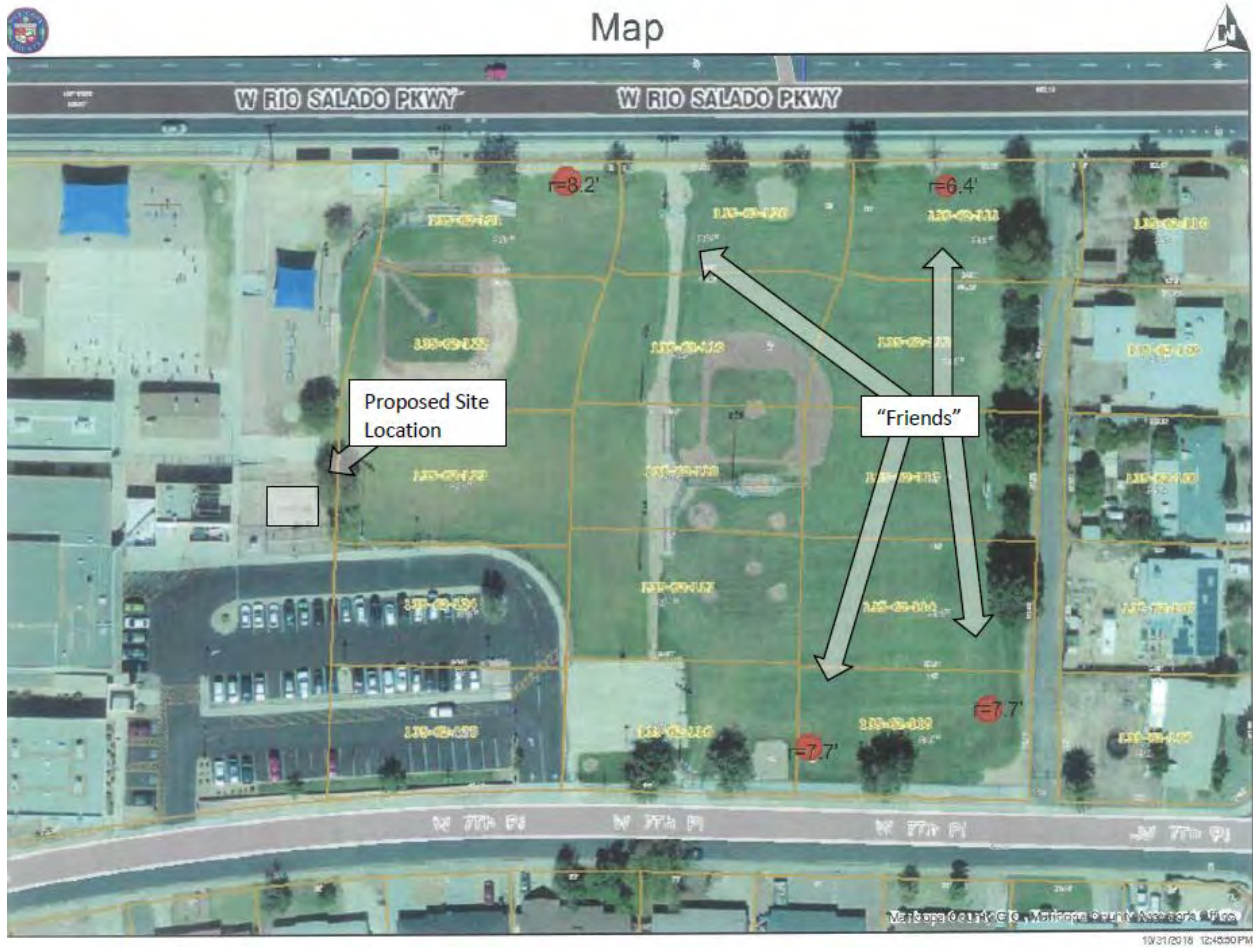
SCALE: NONE

1

ANTENNA PLAN

SCALE: 1/2" = 1'-0"

2



*The tree locations and type were determined by the Mesa Public Schools Construction Inspector and Whittier Elementary School groundskeepers. Four Majestic Ash trees will be planted on school property. The locations were chosen for the shade provided for students, aesthetic compliments to the property, and existing irrigation in place to water the trees. The trees will be approx. 10'-15' in height when planted and can reach upward of 40'-50' in height at maturation.