

SITE LAYOUT NOTES:

LESSEE'S EQUIPMENT AREA = 730 SQ.FT., OUTSIDE EQUIPMENT SPACE
480 SQ.FT, EQUIPMENT ROOM 250 SQ.FT

LESSEE'S PIPE BOLLARDS (8) 6"Ø PIPE X 4' TALL

LESSEE'S PAVED AREA = NO NEW PAVING INSTALLED, AREA PAVED

UNDERGROUND POWER = N/A

OVERHEAD POWER = 45±

UNDERGROUND TELCO = 380± TO R.O.W. ON EAST SIDE OF FM-2818.
FIBER WAS NOT LOCATED AT SITE WALK

TOWER = NEW 100.0' MONOPOLE,
OVERALL HEIGHT = 111.0' WITH 1' TOWER FOUNDATION &
10.0' LIGHTNING ROD.

PROPOSED ANTENNA HEIGHT (CL) = 97.0'

EQUIPMENT = INDOOR EQUIPMENT IN STORAGE UNIT "G014" WITH
MONOPOLE TOWER & OUTDOOR DIESEL
GENERATOR ADJACENT TO ROOM.

SITE LOCATION IS PAVED STORAGE UNIT
FACILITY. CONTRACTOR WILL CLEAR
ACCESS & MATERIAL/EQUIPMENT STAGING
WITH OWNER PRIOR TO STARTING WORK.

ALL TRENCHING IS
TO BE HAND-DUG.

CONTRACTOR NOTE:
CONSTRUCTION CONTRACTOR SHALL
CONTACT COTTON SURVEYING TO RE-STAKE
SITE, FENCE LINE & TOWER CENTER PRIOR
TO STARTING WORK.

SITE INFORMATION
SITE OWNER: VERIZON
SITE NUMBER: 260668
SITE NAME: VILLA MARIA
LAT.: 30° 37' 45.77", 29.629381
LONG.: -96° 22' 31.71", 96.37546
GROUND ELEVATION: 309'

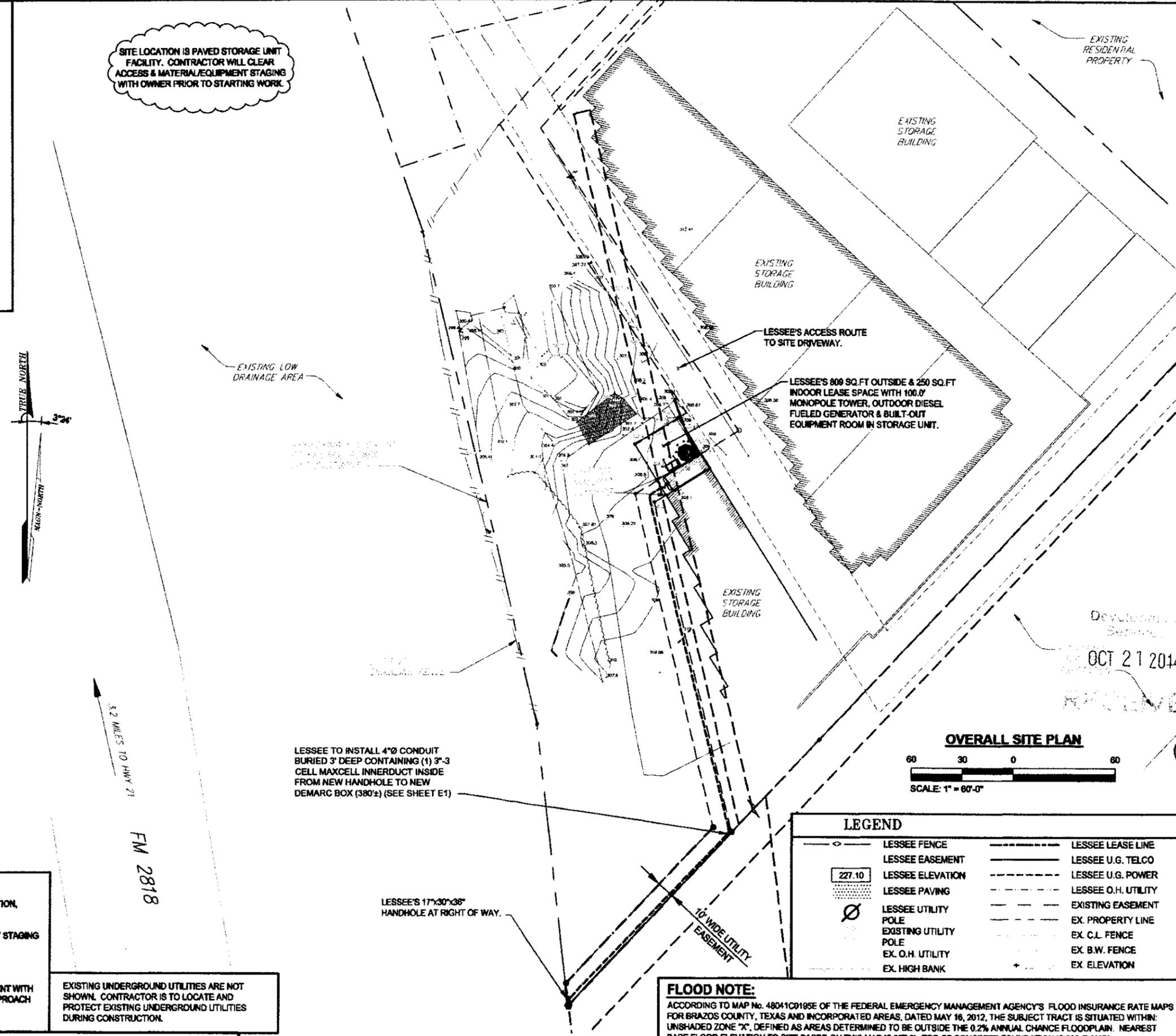
PLATFORM UTILITY RACK NOTE:
UTILITY BOXES INCLUDE POWER PANEL / A.T.S., 4"x8" PLYWOOD
TELCO BOARD, SURGE ARRESTOR, GFI PLUG AT GENERATOR AND
TWIST TIMER SWITCH FOR SITE LIGHT CONTROLLER MOUNTED ON
EXTERIOR WALL OF STORAGE UNIT. INSTALL TRANSPORT
EQUIPMENT IN 21" RACK. VERIFY ALL REQUIREMENTS WITH
LESSEE'S CONSTRUCTION MANAGER PRIOR TO COMPLETING WORK.
METER & DISCONNECT MOUNTED ON EXTERIOR WALL OF STORAGE
UNIT.

CONTRACTOR INNERDUCT NOTE:
CONTRACTOR SHALL INSTALL ONLY MAXCELL INNERDUCT
IN FIBER CONDUIT AS INDICATED IN THESE DRAWINGS &
PER MANUFACTURER'S SPECIFICATIONS. ANY FAILURE TO
DO SO SHALL RESULT IN THE CONTRACTOR RETURNING
TO THIS SITE & CORRECTING THIS ERROR AT THE
CONTRACTOR'S EXPENSE.

NOTE:
THIS PLAN IS SHOWN TO CLARIFY THE RELATIONSHIP OF
PROPOSED LESSEE WORK TO OVERALL SITE ONLY. AXIS
ENGINEERING CLAIMS NO RESPONSIBILITY FOR THE LEGAL
DESCRIPTIONS SHOWN.
REFER TO SURVEY BY:
COTTON SURVEYING
FOR COMPLETE SITE INFORMATION.

NOTES:
1.) CONTRACTOR IS TO REPAIR ALL DAMAGE RESULTING FROM CONSTRUCTION,
BACK TO PRE-CONSTRUCTION CONDITION AT COMPLETION OF WORK.
2.) CONTRACTOR SHALL COORDINATE SITE ACCESS TIMES AND EQUIPMENT STAGING
LOCATIONS WITH LANDLORD.
3.) TOWER IS TO SET ON THE IDENTIFIED CENTER POINT.
4.) ICE BRIDGE LENGTH SHOWN IS RELATIVE. LENGTH AND EXACT ALIGNMENT WITH
SHELTER MAY VARY FROM DRAWING DIMENSIONS. ICE BRIDGE WILL APPROACH
TOWER AS SHOWN.

EXISTING UNDERGROUND UTILITIES ARE NOT
SHOWN. CONTRACTOR IS TO LOCATE AND
PROTECT EXISTING UNDERGROUND UTILITIES
DURING CONSTRUCTION.



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AXIS PROJECT NUMBER:
01-131105-188

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REVISIONS	BY

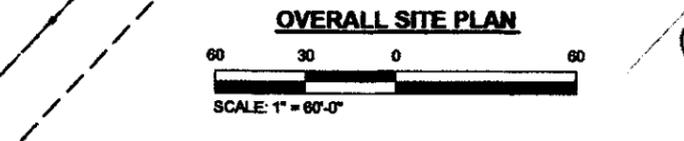
OVERALL SITE PLAN
VERIZON WIRELESS - TEXAS AREA
VILLA MARIA SITE



Axis Engineering, Inc.
Registration # F-004171

DESIGNED BY: **JDB**
CHECKED BY: **CLP**
DATE: **06-10-2014**
CLIENT SITE NO.: **260668**

C1
VERIZON WIRELESS
VILLA MARIA



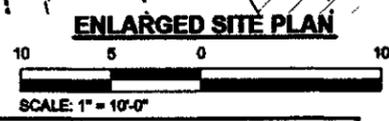
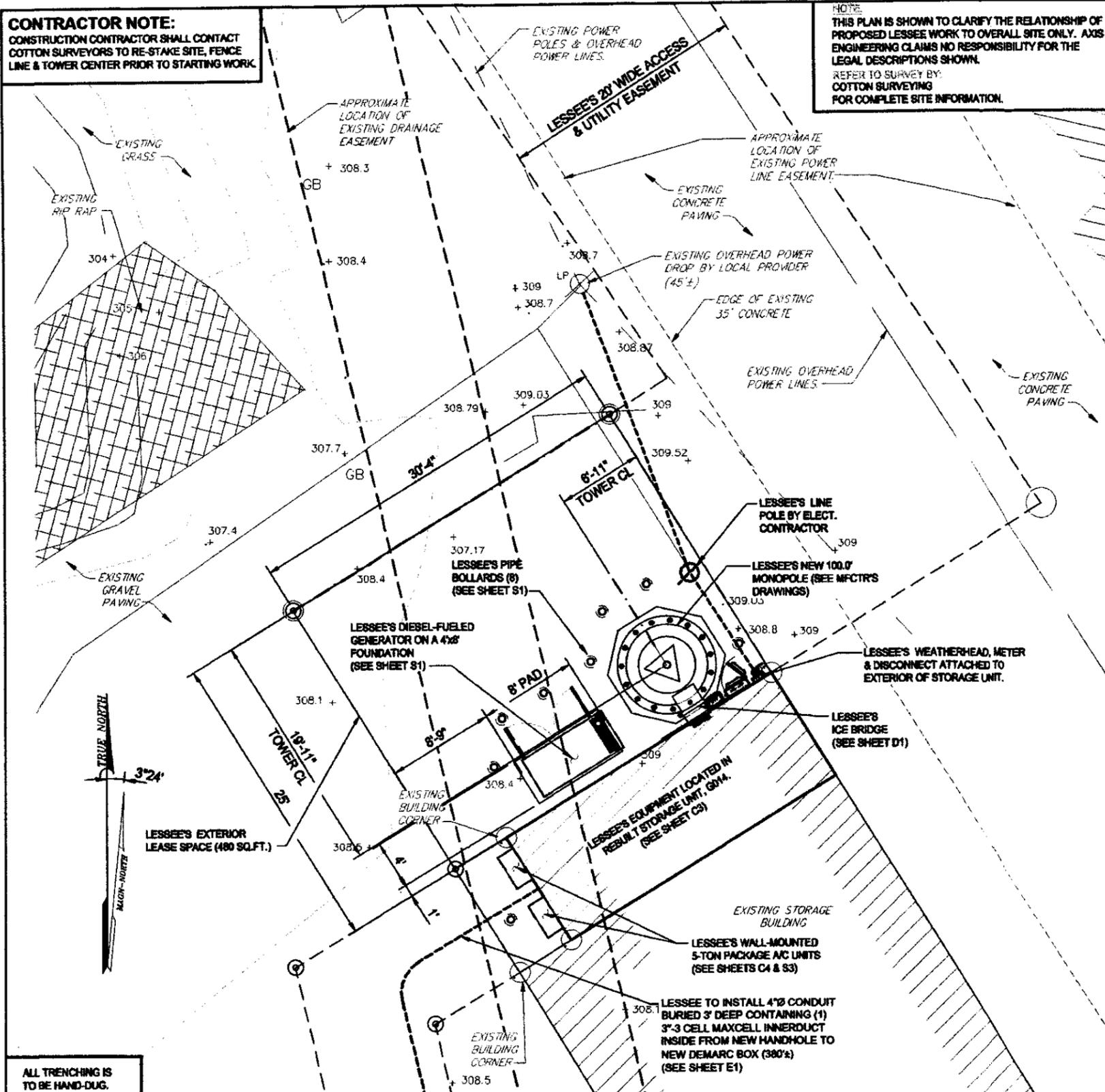
LEGEND

—○—	LESSEE FENCE	---	LESSEE LEASE LINE
---	LESSEE EASEMENT	---	LESSEE U.G. TELCO
227.10	LESSEE ELEVATION	---	LESSEE U.G. POWER
▨	LESSEE PAVING	---	LESSEE O.H. UTILITY
⊙	LESSEE UTILITY POLE	---	EXISTING EASEMENT
⊙	EXISTING UTILITY POLE	---	EX. PROPERTY LINE
---	EX. O.H. UTILITY	---	EX. C.L. FENCE
---	EX. HIGH BANK	---	EX. B.W. FENCE
		+	EX. ELEVATION

FLOOD NOTE:
ACCORDING TO MAP No. 48041C0195E OF THE FEDERAL EMERGENCY MANAGEMENT AGENCY'S FLOOD INSURANCE RATE MAPS FOR BRAZOS COUNTY, TEXAS AND INCORPORATED AREAS, DATED MAY 16, 2012, THE SUBJECT TRACT IS SITUATED WITHIN: UNSHADED ZONE "X", DEFINED AS AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN. NEAREST BASE FLOOD ELEVATION TO SITE BASED ON THIS MAP IS 277.0'. TOP OF CONCRETE FOUNDATION IS 309.5' AMSL.

CONTRACTOR NOTE:
CONSTRUCTION CONTRACTOR SHALL CONTACT COTTON SURVEYORS TO RE-STAKE SITE, FENCE LINE & TOWER CENTER PRIOR TO STARTING WORK.

NOTE:
THIS PLAN IS SHOWN TO CLARIFY THE RELATIONSHIP OF PROPOSED LESSEE WORK TO OVERALL SITE ONLY. AXIS ENGINEERING CLAIMS NO RESPONSIBILITY FOR THE LEGAL DESCRIPTIONS SHOWN. REFER TO SURVEY BY: COTTON SURVEYING FOR COMPLETE SITE INFORMATION.



ALL TRENCHING IS TO BE HAND-DUG.

EXISTING UNDERGROUND UTILITIES ARE NOT SHOWN. CONTRACTOR IS TO LOCATE AND PROTECT EXISTING UNDERGROUND UTILITIES DURING CONSTRUCTION.

PLATFORM UTILITY RACK NOTE:
UTILITY BOXES INCLUDE POWER PANEL / A.T.S., 4x8 FLYWOOD TELCO BOARD, SURGE ARRESTOR, GFI PLUG AT GENERATOR AND TWIST TIMER SWITCH FOR SITE LIGHT CONTROLLER MOUNTED ON EXTERIOR WALL OF STORAGE UNIT. INSTALL TRANSPORT EQUIPMENT IN 21" RACK. VERIFY ALL REQUIREMENTS WITH LESSEE'S CONSTRUCTION MANAGER PRIOR TO COMPLETING WORK. METER & DISCONNECT MOUNTED ON EXTERIOR WALL OF STORAGE UNIT.

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- NOTES:**
- CONTRACTOR IS TO REPAIR ALL DAMAGE RESULTING FROM CONSTRUCTION, BACK TO PRE-CONSTRUCTION CONDITION AT COMPLETION OF WORK.
 - CONTRACTOR SHALL COORDINATE SITE ACCESS TIMES AND EQUIPMENT STAGING LOCATIONS WITH LANDLORD.
 - ICE BRIDGE LENGTH SHOWN IS RELATIVE. LENGTH AND EXACT ALIGNMENT WITH SHELTER MAY VARY FROM DRAWING DIMENSIONS. ICE BRIDGE WILL APPROACH TOWER AS SHOWN.

NEW LIGHTNING ROD, 111.0' A.G.L. (INCLUDES 10.0' LIGHTNING ROD)

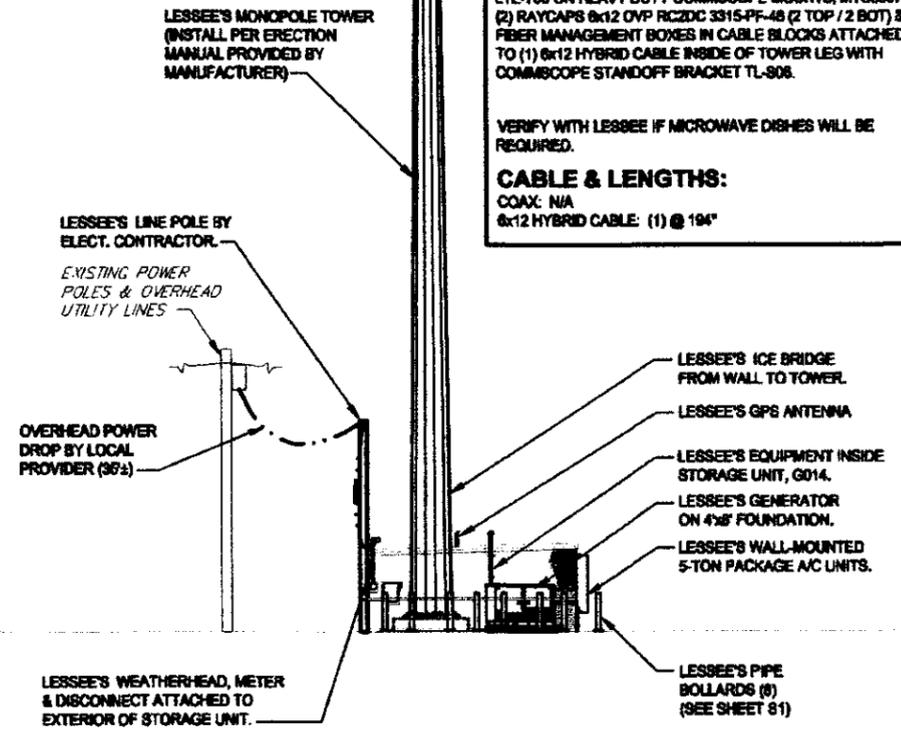
87.0' A.G.L. RAD CENTER LESSEE'S ANTENNA ARRAY
ANTENNAS' SIZE, HEIGHT AND DIRECTION SHALL BE ADJUSTED TO MEET SYSTEM REQUIREMENTS.
CONTRACTOR IS TO VERIFY ANTENNA CENTERLINE ELEVATION WITH LESSEE PRIOR TO INSTALLATION.

AXIS ENGINEERING IS NOT RESPONSIBLE FOR THE STRUCTURAL ADEQUACY OF THE TOWER WITH LESSEE'S EQUIPMENT. REFER TO STRUCTURAL ANALYSIS (BY OTHERS).

TOWER LOADING:
(8) PANEL ANTENNAS (+8 FUTURE):
(1) HBBK-8517DS-A2M FOR LTE / AWS PER SECTOR, LNK-8515DS-A1M FOR LTE-700 ON HEAVY DUTY COMMSCOPE MOUNTS, MTC3807.
(2) RAYCAPS 8x12 OVP RC2DC 3315-PF-48 (2 TOP / 2 BOT) & FIBER MANAGEMENT BOXES IN CABLE BLOCKS ATTACHED TO (1) 8x12 HYBRID CABLE INSIDE OF TOWER LEG WITH COMMSCOPE STANDOFF BRACKET TL-S06.

VERIFY WITH LESSEE IF MICROWAVE DISHES WILL BE REQUIRED.

CABLE & LENGTHS:
COAX: N/A
8x12 HYBRID CABLE: (1) @ 194'



SITE ELEVATION
NOT TO SCALE

LEGEND

—	LESSEE FENCE	---	LESSEE LEASE LINE
- - -	LESSEE EASEMENT	---	LESSEE U.G. TELCO
▨	LESSEE ELEVATION	---	LESSEE U.G. POWER
▨	LESSEE PAVING	---	LESSEE O.H. UTILITY
○	LESSEE UTILITY POLE	---	EXISTING EASEMENT
○	EXISTING UTILITY POLE	---	EX. PROPERTY LINE
---	EX. O.H. UTILITY	---	EX. C.L. FENCE
---	EX. HIGH BANK	---	EX. B.W. FENCE
		+ 227.10	EX. ELEVATION

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REVISIONS	BY

ENLARGED EQUIPMENT PLAN & ELEVATION
VERIZON WIRELESS - TEXAS AREA
VILLA MARIA SITE



Axis Engineering, Inc.
Registration # F-004171

DRAWN BY: JDR
CHECKED BY: CLP
DATE: 06-10-2014
CLIENT SITE NO.: 280668

C2
VERIZON WIRELESS
VILLA MARIA