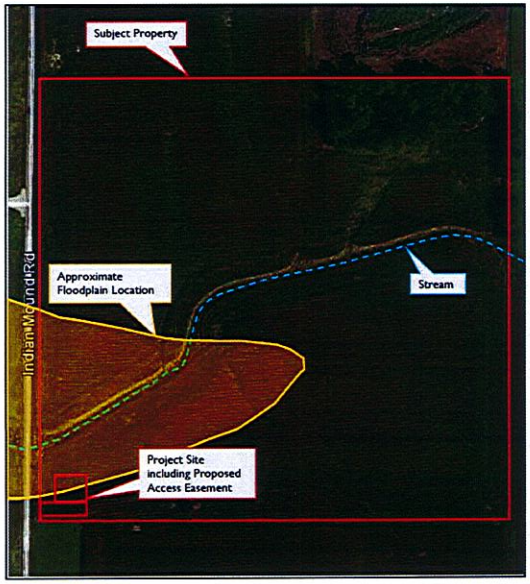


Figure 3 – Site Plan

EV Mount Vernon East / 821095
East Side of Indian Mound Road
Mount Vernon, Indiana

"Evaluation Summary"/Page 2

EVALUATION COMPONENTS:

1) Identify what **waste types** and **estimated quantities** might be produced in site development *(e.g. asbestos, lead paint, waste contaminated soil, and other materials that may be subject to special handling and disposal requirements)*:

If NO wastes will be produced, check here: ☑

2) Identify the **contractors** that might be needed on this project to handle wastes or other materials that are regulated by environmental laws. Indicate the area of expertise of the contractor *(e.g. asbestos abatement contractor.)*:

If NO such contractors will be required, check here:☑

3) Identify anticipated **transportation and disposal methods/locations. [NOTE: CONTACT CORPORATE ENVIRONMENTAL COMPLIANCE BEFORE USING ANY UNAPPROVED WASTE HAULER OR DISPOSAL FACILITY.]**:

Does the applicable agreement provide for the preferred procedure of having the lessor/licensor or grantor/owner sign the **manifest(s) or other shipping documentation**? Yes or No ☑

If N/A, check here: ☑

4) Identify the outside **environmental oversight consultant** the Company anticipates retaining to ensure that transportation and disposal of wastes is carried out in accordance with applicable laws, regulations and the Verizon Wireless Environmental Compliance Program **[IT IS MANDATORY TO HAVE SUCH A CONSULTANT]**:

If N/A, check here:☑

5) Specify potential present and future **environmental liabilities** identified through the Phase I/Phase II and/or legal review, if applicable.

Under Section 404 of the Clean Water Act, the placement of any dredged or fill material in any waters of the United States ("jurisdictional waters") is prohibited unless a permit is obtained from the U.S. Army Corps of Engineers. Anyone allowing dredged or fill material to be placed in jurisdictional waters without such a permit is subject to fine or imprisonment or both.

6) Provide the **contractual provisions relating to environmental issues** ***(insert paragraph(s) here or attach hereto as an exhibit, "Attachment 1")***:

POD
POWER OF DESIGN
11490 BLUEGRASS PARKWAY
LOUISVILLE, KY 40299
502-437-5252

CROWN CASTLE
10300 ORMSBY PARK PLACE
SUITE # 501
LOUISVILLE, KY 40223

CONSTRUCTION DRAWINGS

REV.	DATE	DESCRIPTION
A	9.14.16	ISSUED FOR REVIEW

SITE INFORMATION:
EV MOUNT VERNON EAST
INDIAN MOUNDS ROAD
VERNON, IN 47620
POSEY COUNTY

CROWN CASTLE SITE BUN:
822095

VERIZON WIRELESS SITE NAME:
EV MOUNT VERNON EAST

POD NUMBER: 15-6318

DRAWN BY: POD
CHECKED BY: MEP
DATE: 09.8.16

SHEET TITLE:
ENVIRONMENTAL EVALUATION "NOTICE TO CONTRACTOR"
(REFERENCE ONLY)

SHEET NUMBER:
C-0A

VZW/Crown MLA 11/30/2000 Environmental Provision

25. Environmental. LESSOR represents that with the exception of certain hazardous substances necessary for operation of a Site, to LESSOR's knowledge there are no environmental hazards on any Site. Nothing in this Agreement or in any Supplement will be construed or interpreted to require that LESSEE remediate any environmental hazards located at any Site unless LESSEE or LESSEE's officers, employees, agents or contractors placed the environmental hazards on the Site.

LESSEE covenants and warrants that it will not bring or transport hazardous substances to, across or on any particular Site without LESSOR's prior written approval. Approval shall not unduly be withheld or delayed where LESSEE demonstrates to LESSOR reasonable satisfaction that said hazardous substance is required for LESSEE's authorized use of a Site. LESSEE's use of approved hazardous substances must comply with all applicable environmental laws governing such use.

LESSEE agrees to provide LESSOR, upon request, copies of all material safety data sheets for approved hazardous substances brought to any Site and annual inventories of such hazardous substances present at any Site. LESSEE shall promptly notify LESSOR of any release of any environmental hazard at any Site, immediately upon obtaining knowledge of such release. In addition to any other notification required to LESSOR pursuant to this Agreement, LESSEE must provide notice to LESSOR of any above ground storage tank installed by LESSEE at any Site and provide copies of registration documents to LESSOR, if registration is required by the governing state agencies.

7) Identify any **special operational requirements or limitations** that may apply due to project site conditions or other factors *(e.g., generator fuel restrictions; diesel fuel prohibited due to petroleum contamination nearby; no excavation permitted/on-grade slab necessary; etc.)*:

Best management practices for erosion control must be employed during development activities at the collocation site to prevent silt and other construction run off from affecting the named drainage channel.

Construction activities should avoid periods when flooding is possible.

Construction related equipment staging and stockpiling of excavation materials must take place away from the channel and flood zone (to the east southeast).

Given the proximity of the channel and presence of a flood zone, the site is Diesel Sensitive. A liquid propane generator is proposed.

All site conditions/restrictions will be communicated via Notice to Contractor (NTC – Attachment "A").

"Evaluation Summary"/Page 3

8) Identify any potential **regulatory obligations** or **notification/reporting requirements to be addressed by Verizon Wireless** *(e.g., spill reporting; transfer act reporting obligations; Phase II investigation sampling results; monitoring requirements; asbestos signage and training requirements; etc.)*:

If N/A, check here:☑

9) List any **useful site information** *(i.e. scheduling importance/impact to network system; critical timing factors; relationship to other sites, etc.)*
If N/A, check here:☑

10) Provide **cost estimates** for any currently anticipated remediation/abatement/transportation/disposal *(provide total estimate with costs breakdown)*:
If N/A, check here:☑

CC: Corporate Environmental Compliance
Verizon Wireless
20 Independence Blvd.
Warren, NJ 07059
Attention:

Bradley Gunn – Northeast
Bradley.Gunn@VerizonWireless.com

Christine Chapman – Midwest
Chistine.Chapman@VerizonWireless.com

Neal Maloney – West Area
Cornelius.Maloney@VerizonWireless.com

Chris Longo & Jerri Lynn Janjua - South Area
E.Longo@VerizonWireless.com **(CAR/TN; S. Central; Houston/GC; Central Texas Regions)**
Jerri.Janjua@VerizonWireless.com **(GA/AL; Florida Regions)**

NOTE: If the proposed Site potentially involves any of the following issues, the CORPORATE ENVIRONMENTAL COMPLIANCE GROUP must be notified IMMEDIATELY:

1) ***National Priorities List (NPL); Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS); and/or State Superfund;***
2) ***Inherently Environmentally Impaired Sites, e.g. Gas Stations, Landfills, Junk Yards, Automobile Repair Shops/Salvage Yards, Petroleum Tank Farms, Refineries, Chemical Plants, Railroad Yards, Public Works, Recycling Centers, Military Installations, Brownfields Developments, etc.;***
3) ***Spill Notification, Investigation and/or Clean-Up;***
4) ***PCB Contamination;***
5) ***Regulatory Investigations, Inquiries, or Active Remediation Cases;***
6) ***Purchase of Land, Structures or Buildings; and***
7) ***Health & Safety Concerns (other than asbestos or lead-based paint remedial projects conducted with specialized and licensed contractors and professional oversight)***

NOTE: All EES when completed, must document completion via Attachment "B"
(EES Closeout Report)

POD
POWER OF DESIGN
11490 BLUEGRASS PARKWAY
LOUISVILLE, KY 40299
502-437-5252

CROWN CASTLE
10300 ORMSBY PARK PLACE
SUITE # 501
LOUISVILLE, KY 40223

CONSTRUCTION DRAWINGS

REV.	DATE	DESCRIPTION
A	9.14.16	ISSUED FOR REVIEW

SITE INFORMATION:
EV MOUNT VERNON EAST
INDIAN MOUNDS ROAD
VERNON, IN 47620
POSEY COUNTY

CROWN CASTLE SITE BUN:
822095

VERIZON WIRELESS SITE NAME:
EV MOUNT VERNON EAST

POD NUMBER: 15-6318

DRAWN BY: POD
CHECKED BY: MEP
DATE: 09.8.16

SHEET TITLE:
ENVIRONMENTAL EVALUATION "NOTICE TO CONTRACTOR"
(REFERENCE ONLY)

SHEET NUMBER:
C-0B

Attachment A

NOTICE TO CONTRACTOR – ENVIRONMENTAL CONDITIONS/RESTRICTIONS AT (EV Mount Vernon East) – MIK

Note: Verizon Wireless makes no representation or warranty as to the accuracy or completeness of the information below. Company is fully responsible for its own compliance with all applicable laws and regulations. To the extent that Company becomes aware of any additional environmental conditions, it agrees to immediately inform Verizon Wireless.

The Company's response to this construction bid shall constitute the Company's acknowledgement and acceptance of the stated conditions and restrictions at the site.

The following environmental conditions have been identified at the project site:

	Environmental Condition	Description and Location of Contaminant
	Check All That Apply	
	Contaminated soil	
	Contaminated groundwater	
	Presence of asbestos	
	Presence of lead-based paint	
☑	Other: Vicinity Wetlands and Flood Zone	A named and maintained drainage channel is located approximately 100' north of the proposed tower site. The site is located within a 100 year flood zone (Zone A).

Applicable legal requirements or Verizon Wireless policies and procedures may require that these conditions be communicated to all parties involved in the construction activities at the project site. To the extent that the scope of the project work includes measures to address these conditions, details of the work to be performed shall be as specified in the project documents and/or the Authorization Letter.

Environmental conditions affecting scope of work: [insert description]
(see project documents for detailed specifications)

- Contractors/personnel must be advised that a named and maintained drainage channel is located ~100 feet north and generally cross gradient of the project. Contractors/personnel must take appropriate precautions to protect the channel. See map below.
- Contractor/personnel must be advised that the project site is located within a 100 year flood zone.
- Appropriate soil erosion and sediment control measures such as silt fences and straw wattles and best practices for storm water management must be implemented during site construction activities.
- Construction related equipment staging and storage and stockpiling of excavated materials/soil must not occur to the north or west of the project site and should avoid times when flooding is possible.
- Given the proximity of the channel and presence of a flood zone, the site is Diesel Sensitive. A liquid propane generator is proposed.

Company is required to comply fully with all applicable environmental, industrial hygiene, and worker health and safety laws and regulations; Verizon Wireless' directions and/or instructions contained in this Notice to Contractors. Company shall retain qualified, appropriately specialized (and/or licensed, as required) and adequately insured environmental firms for the completion of specialized work as applicable. Company shall evaluate whether a Health and Safety Plan (HASP) is warranted. Verizon Wireless shall have the final authority to approve the selection of such environmental firms performing services on its behalf. The construction bid package shall include qualifications of proposed firms with respect to the following required services:

	Environmental Services Required
	Check All That Apply
	Asbestos abatement
	Lead based paint abatement
	Hazardous or special waste transportation and disposal.
	Excavation, drilling or advancement through and staging/stockpiling of contaminated media.
☑	Other: Appropriate soil erosion and sediment control measures such as silt fences and straw wattles and best practices for storm water management must be implemented during site construction activities.

Company shall ensure at all times that only appropriately trained qualified, and licensed workers perform the required environmental services. It is the responsibility of Company to adhere to the following restrictions in response to the above environmental conditions:

An outside environmental "oversight" consultant is required if transportation and disposal of wastes is carried out in accordance with applicable laws, regulations and the Verizon Wireless Environmental Compliance Program. THE USE OF SUCH CONSULTANT IS MANDATORY.

	Site Restrictions
	Check All That Apply
☑	Restrictions on excavations/construction methods. Description: Construction related equipment staging and storage and stockpiling of excavated materials/soil must occur away from the channel and flood zone.
☐	Diesel fuel prohibited at construction site except in fuel tank of vehicle.
☐	Gasoline prohibited at construction site except in fuel tank of vehicle.
☑	Other: Given the proximity of the channel and presence of a flood zone, the site is Diesel Sensitive. A liquid propane generator is proposed.

Contractor's Signature: _____

Print Name: _____

Witness: _____

Site Name: _ **EV Mount Vernon East**_____

Site Address: **Indian Mound Road** _____

City: _**Mount Vernon** _____ State: **Indiana**

NOTE: This signed original is to be returned to Area Compliance along with the EES Closeout Report.

POD
POWER OF DESIGN
11490 BLUEGRASS PARKWAY
LOUISVILLE, KY 40299
502-437-5252

CROWN CASTLE
10300 ORMSBY PARK PLACE
SUITE # 501
LOUISVILLE, KY 40223

CONSTRUCTION DRAWINGS

REV.	DATE	DESCRIPTION
A	9.14.16	ISSUED FOR REVIEW

SITE INFORMATION:
EV MOUNT VERNON EAST
INDIAN MOUNDS ROAD
VERNON, IN 47620
POSEY COUNTY

CROWN CASTLE SITE BUN:
822095

VERIZON WIRELESS SITE NAME:
EV MOUNT VERNON EAST

POD NUMBER: 15-6318

DRAWN BY: POD
CHECKED BY: MEP
DATE: 09.8.16

SHEET TITLE:
ENVIRONMENTAL EVALUATION "NOTICE TO CONTRACTOR"
(REFERENCE ONLY)

SHEET NUMBER:
C-0C

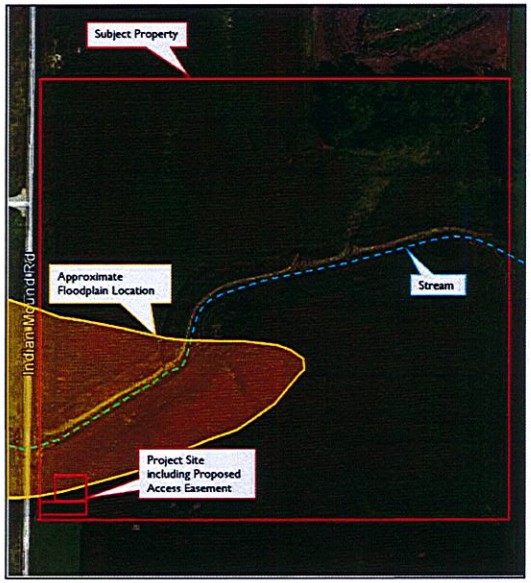


Figure 3 – Site Plan

EV Mount Vernon East / 821095
East Side of Indian Mound Road
Mount Vernon, Indiana

Not to scale

Attachment B

VERIZON WIRELESS Post-Construction
Environmental Evaluation Summary Close-Out Notification

CONFIDENTIAL AND PROPRIETARY INFORMATION FOR VERIZON WIRELESS INTERNAL USE ONLY

POST-CONSTRUCTION FOLLOW-UP BY CONSTRUCTION MANAGER:

SUMMARY TYPE: EES ☒ (Diesel Sensitive – Liquid Propane)

SITE NAME/IDENTIFIER: EV Mount Vernon East (MIK)

SITE LOCATION/ADDRESS: Indian Mound Road, Mount Vernon, Posey County, IN

WASTE GENERATED		
Category I:		No Waste Explain:
Category II:		Waste generated

ON-GOING OPERATIONAL REQUIREMENTS/LIMITATIONS	
Describe in detail: The site is Diesel Sensitive. All diesel generators installed at the site must be provided with additional containment measures (VZW standard equipment shelter or VZW Diesel Enhanced Enclosure (DEE).	
Yes __ No __	Communicated to Network Operations Director (name) _____ on (date) _____

CLOSE-OUT PACKAGE CHECKLIST (Required if Category II: Waste generated)	
Check all that apply	
	Original Manifest ✓ Signature of authorized representative at landfill ✓ Abatement Contractor's name and address ✓ Generator name and address and address of facility (job site) ✓ Description of materials removed and quantity ✓ Signature of supervisor at abatement contractor ✓ Transporter name, address, phone number, vehicle number, and State of registration ✓ Driver's signature ✓ Name and address of disposal facility
	OSHA Personnel Sample Results (Asbestos/LBP air sampling)
	Daily Work Log (Supervisors Log)
	Work Site Sign-In Log
	Worker Information (Asbestos/LBP) [Worker Name, Training Certs, Medical Clearance, License, Respirator Fit Test]
	Notification Permits (State/City notification permits)
	Certification/Affidavit Work Completed Free of All Claims, Liens, and Charges
	Insurance Certificate, indicating job by name, location, and date of agreement

I hereby acknowledge that I have reviewed and approved the close-out package from the oversight consultant following the Verizon Wireless post-construction EES close-out checklist.

Signature: _____ Date: _____

Print Name: _____

Return Completed and Signed Report to Area Compliance

POD
POWER OF DESIGN
11490 BLUEGRASS PARKWAY
LOUISVILLE, KY 40299
502-437-5252

CROWN CASTLE
10300 ORMSBY PARK PLACE
SUITE # 501
LOUISVILLE, KY 40223

CONSTRUCTION DRAWINGS

REV.	DATE	DESCRIPTION
A	9.14.16	ISSUED FOR REVIEW

SITE INFORMATION:
EV MOUNT VERNON EAST
INDIAN MOUNDS ROAD
VERNON, IN 47620
POSEY COUNTY

CROWN CASTLE SITE BUN:
822095

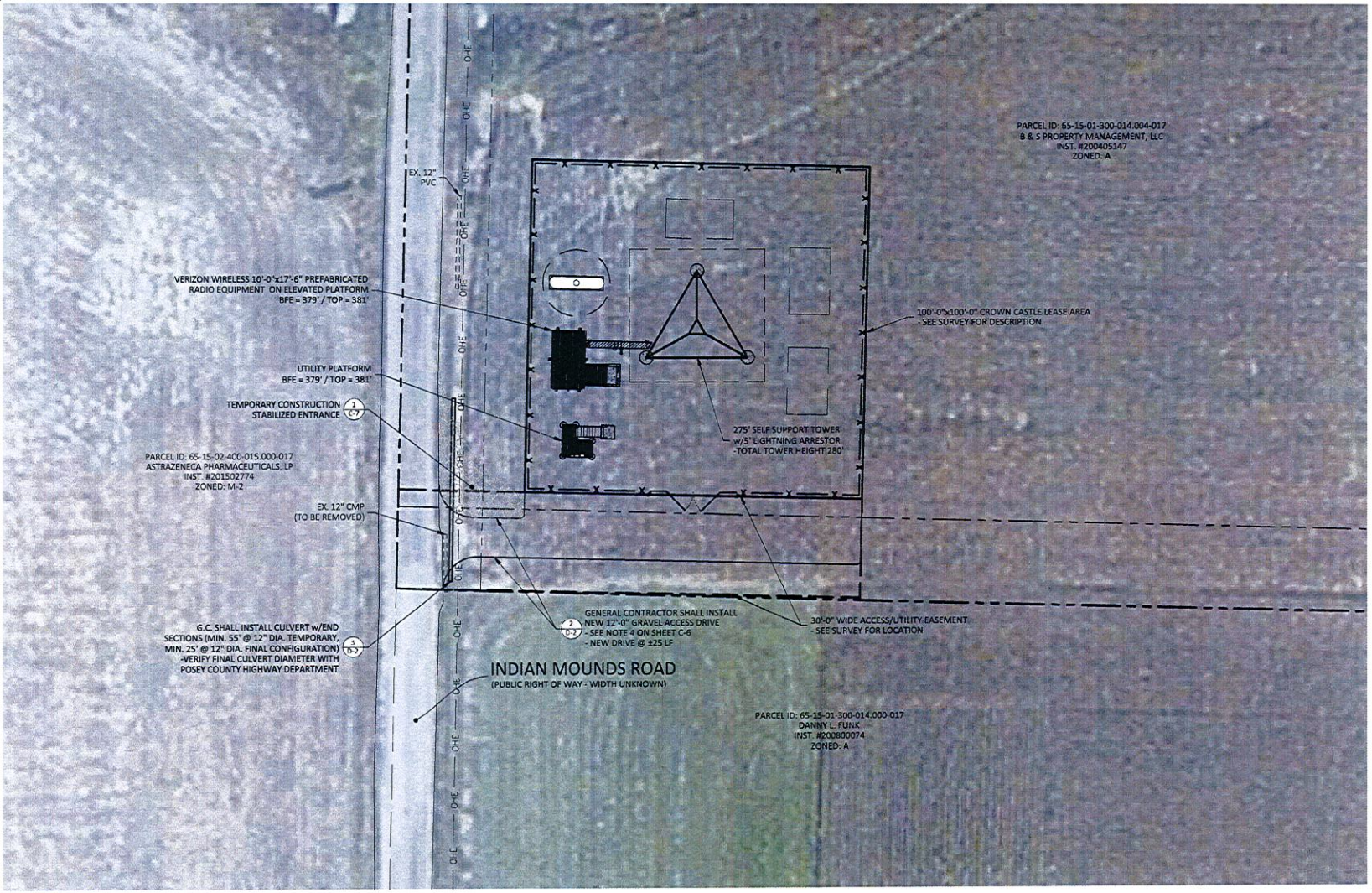
VERIZON WIRELESS SITE NAME:
EV MOUNT VERNON EAST

POD NUMBER: 15-6318

DRAWN BY: POD
CHECKED BY: MEP
DATE: 09.8.16

SHEET TITLE:
ENVIRONMENTAL EVALUATION "NOTICE TO CONTRACTOR"
(REFERENCE ONLY)

SHEET NUMBER:
C-0D



Indiana 811
Know what's below. Call before you dig.

NOTICE TO CONTRACTOR

OVERALL SITE PLAN w/AERIAL OVERLAY

SCALE: N.T.S.

N

POD
POWER OF DESIGN
11490 BLUEGRASS PARKWAY
LOUISVILLE, KY 40299
502-437-5252

CROWN CASTLE

10300 ORMSBY PARK PLACE
SUITE # 501
LOUISVILLE, KY 40223

PRELIMINARY
NOT FOR
CONSTRUCTION

CONSTRUCTION DRAWINGS

REV.	DATE	DESCRIPTION
A	9.14.16	ISSUED FOR REVIEW

SITE INFORMATION:
EV MOUNT VERNON EAST
INDIAN MOUNDS ROAD
VERNON, IN 47620
POSEY COUNTY

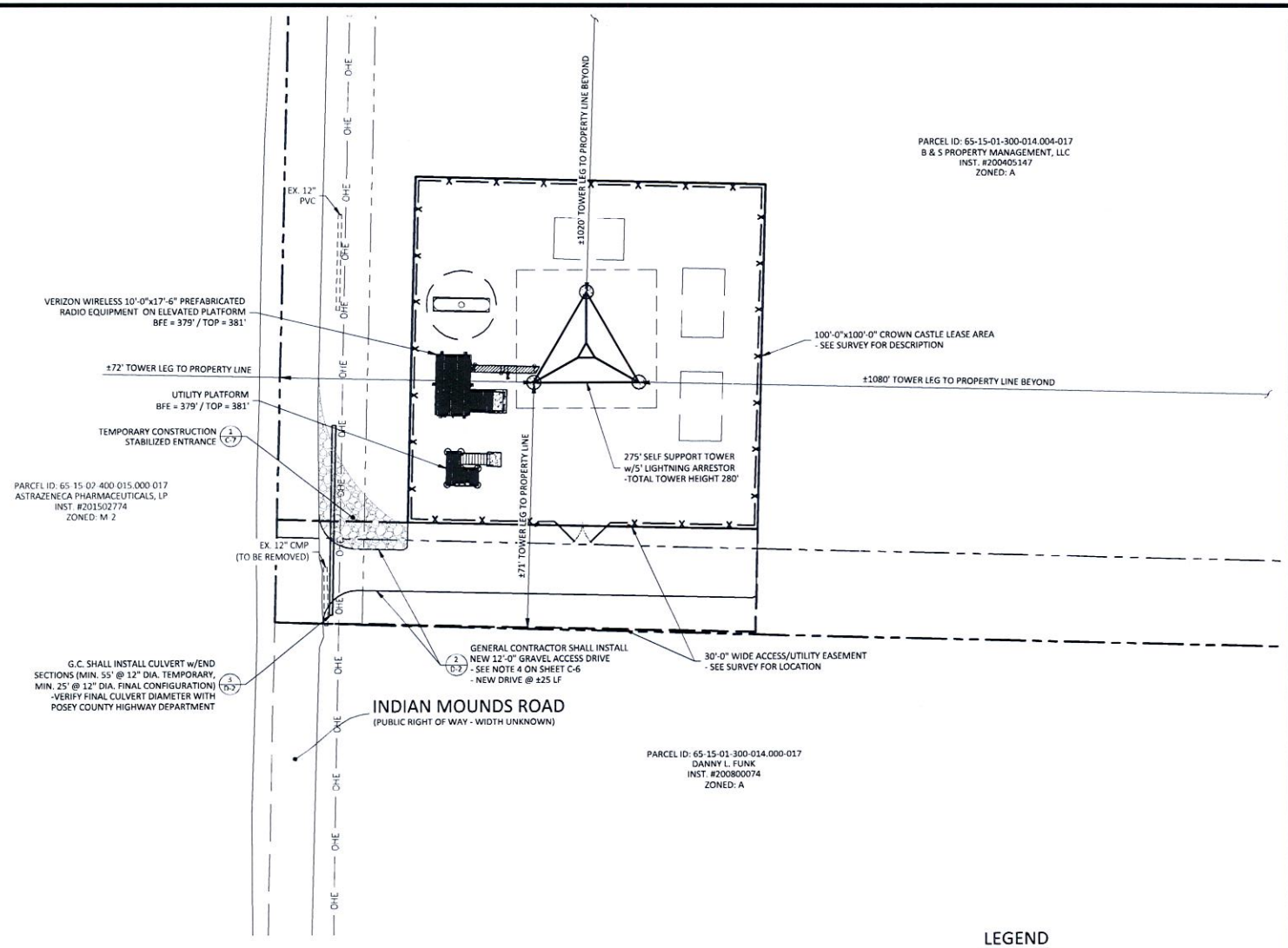
CROWN CASTLE SITE BUN:
822095

VERIZON WIRELESS SITE NAME:
EV MOUNT VERNON EAST

POD NUMBER:	15-6318
DRAWN BY:	POD
CHECKED BY:	MEP
DATE:	09.8.16

SHEET TITLE:
OVERALL SITE PLAN w/AERIAL OVERLAY

SHEET NUMBER:
C-1



Indiana 811
Know what's below. Call before you dig.

NOTICE TO CONTRACTOR

PER INDIANA STATE LAW (C.R.I. 26.18.17.1) AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

0' 30' 60'
1"= 30'

OVERALL SITE PLAN w/DISTANCE TO PROPERTY LINES

SCALE: 1" = 30'

N

LEGEND

UTILITY POLE

PROPOSED LEASE LINE
PROPOSED EASEMENT
PROPOSED GRAVEL
PROPOSED FENCE
EXISTING OVERHEAD ELECTRIC
EXISTING PAVEMENT
PROPERTY LINE
ADJACENT PROPERTY LINE

POD
POWER OF DESIGN
11490 BLUEGRASS PARKWAY
LOUISVILLE, KY 40299
502-437-5252

CROWN CASTLE
10300 ORMSBY PARK PLACE
SUITE # 501
LOUISVILLE, KY 40223

PRELIMINARY NOT FOR CONSTRUCTION

CONSTRUCTION DRAWINGS

REV.	DATE	DESCRIPTION
A	9.14.16	ISSUED FOR REVIEW

SITE INFORMATION:
EV MOUNT VERNON EAST
INDIAN MOUNDS ROAD
VERNON, IN 47620
POSEY COUNTY

CROWN CASTLE SITE BUN:
822095

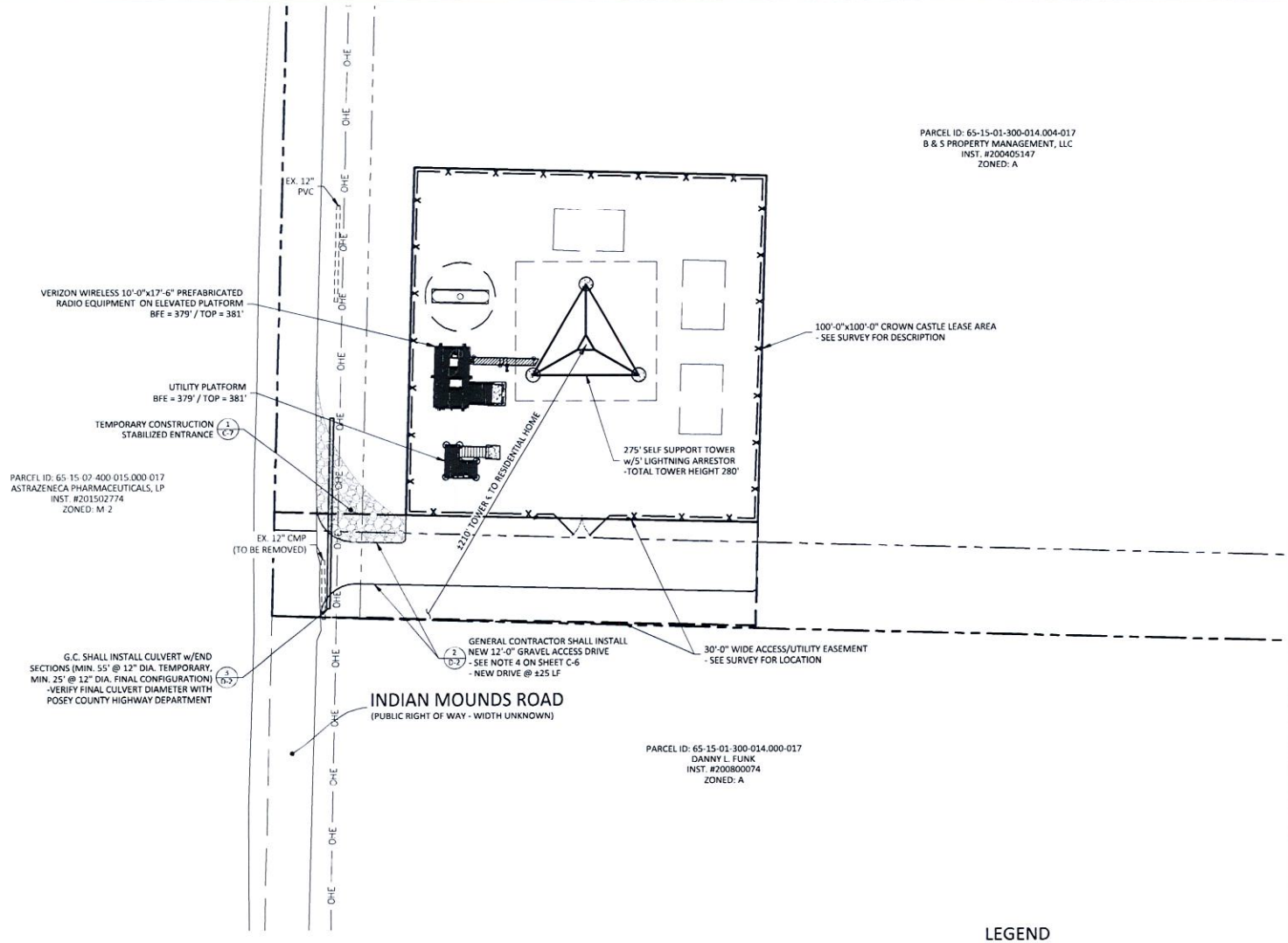
VERIZON WIRELESS SITE NAME:
EV MOUNT VERNON EAST

POD NUMBER: 15-6318

DRAWN BY: POD
CHECKED BY: MEP
DATE: 09.8.16

SHEET TITLE:
OVERALL SITE PLAN W/DISTANCE TO PROPERTY LINES

SHEET NUMBER:
C-1A



Indiana 811
Know what's below. Call before you dig.

NOTICE TO CONTRACTOR
PER INDIANA STATE LAW C & T 26-18, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK

0' 30' 60'
1"= 30'

TOWER DISTANCE TO RESIDENTIAL STRUCTURES

SCALE: 1" = 30'

N

LEGEND

UTILITY POLE

- PROPOSED LEASE LINE
- PROPOSED EASEMENT
- PROPOSED GRAVEL
- PROPOSED FENCE
- EXISTING OVERHEAD ELECTRIC
- EXISTING PAVEMENT
- PROPERTY LINE
- ADJACENT PROPERTY LINE

POD
POWER OF DESIGN
11490 BLUEGRASS PARKWAY
LOUISVILLE, KY 40299
502-437-5252

CROWN CASTLE
10300 ORMSBY PARK PLACE
SUITE # 501
LOUISVILLE, KY 40223

PRELIMINARY NOT FOR CONSTRUCTION

CONSTRUCTION DRAWINGS

REV.	DATE	DESCRIPTION
A	9.14.16	ISSUED FOR REVIEW

SITE INFORMATION:
EV MOUNT VERNON EAST
INDIAN MOUNDS ROAD
VERNON, IN 47620
POSEY COUNTY

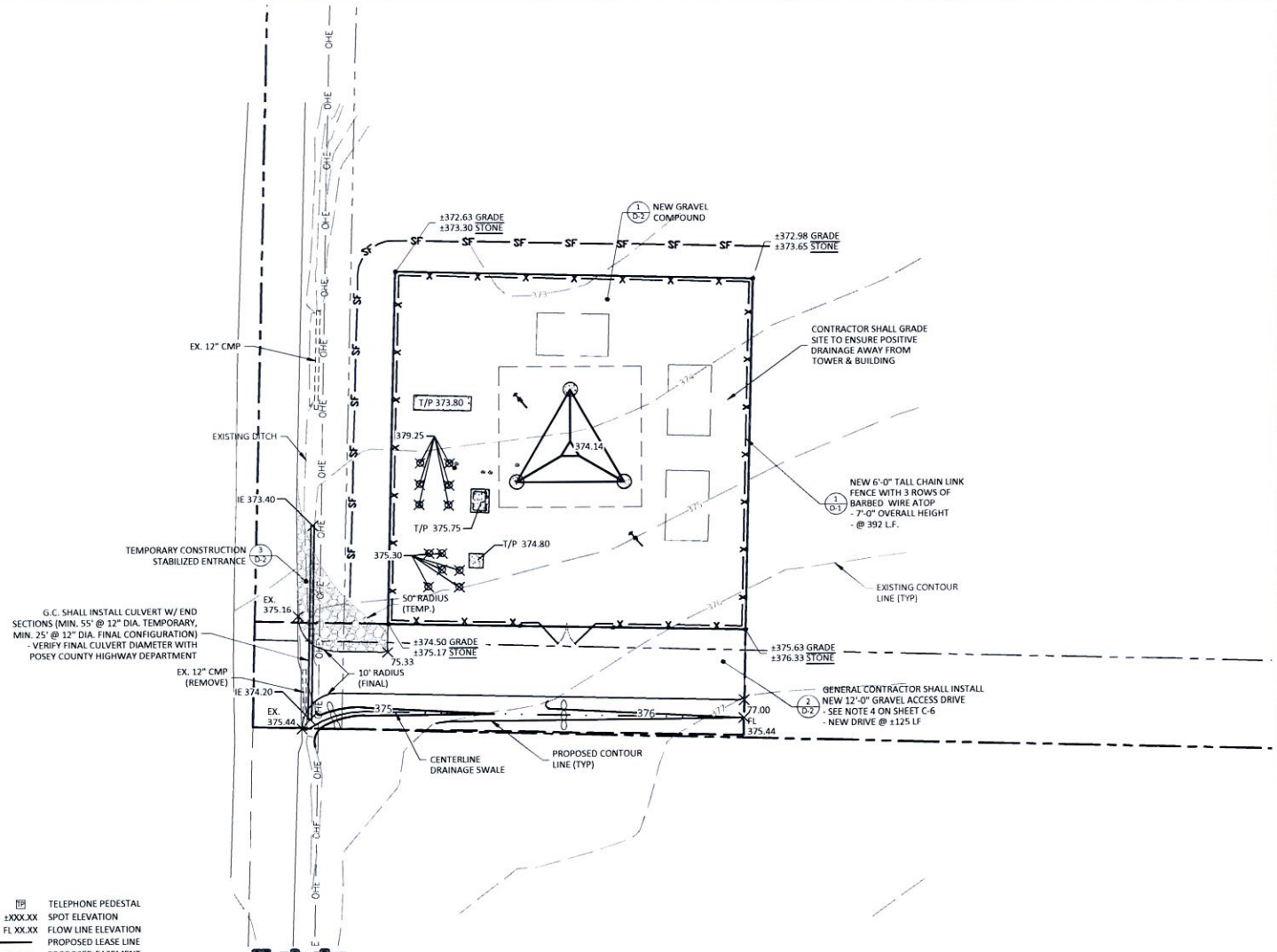
CROWN CASTLE SITE BUN:
822095

VERIZON WIRELESS SITE NAME:
EV MOUNT VERNON EAST

POD NUMBER:	15-6318
DRAWN BY:	POD
CHECKED BY:	MEP
DATE:	09.8.16

SHEET TITLE:
TOWER DISTANCE TO RESIDENTIAL STRUCTURES

SHEET NUMBER:
C-1B



LEGEND

	UTILITY POLE	TP	TELEPHONE PEDESTAL
	GUY ANCHOR	±XXX.XX	SPOT ELEVATION
	DRAINAGE FLOW	FL XX.XX	FLOW LINE ELEVATION
			PROPOSED LEASE LINE
			PROPOSED EASEMENT
			PROPOSED GRAVEL
	X X X		PROPOSED FENCE
			EXISTING EASEMENT
	OHE OHE OHE		EXISTING OVERHEAD ELECTRIC
			PROPERTY LINE
			ADJACENT PROPERTY LINE
	SF SF SF		PROPOSED SLIT FENCE
			PROPOSED STONE BAG DITCH

Kentucky 811
Know what's below. Call before you dig.
Call Monday thru Friday - 7 am. to 6 pm.
1-800-752-6007
IN ORDER TO SECURE ASSISTANCE IN LOCATING UTILITIES AGAINST THE UNDERGROUND LOCATION SERVICE, AND 12 WORKING DAYS BEFORE COMMENCING WORK

*NOTE:
GENERAL CONTRACTOR IS TO ENSURE THERE IS NO DISTURBANCE OF PROPERTY, SOIL, ETC. OUTSIDE OF THE STAKED LEASE AREA WITHOUT APPROVAL FROM TOWER OWNER CONSTRUCTION MANAGER

0' 30' 60'
1"=30'

GRADING PLAN

SCALE: 1" = 30'

N

PREPARED BY:

POD
POWER OF DESIGN
11490 BLUEGRASS PARKWAY
LOUISVILLE, KY 40299
502-437-5252

CROWN CASTLE
2000 CORPORATE DRIVE
CANONSBURG, PA 15317

REV.	DATE	DESCRIPTION

SITE INFORMATION:
EV MOUNT VERNON EAST
BUN 822095
EAST SIDE OF INDIAN MOUNDS ROAD
VERNON, IN 47620
POSEY COUNTY, IN

TAX PARCEL NUMBER:
65-15-01-300-014.004-017

PROPERTY OWNER:
B & S PROPERTY MANAGEMENT, LLC
2264 COMMERCIAL COURT
EVANSVILLE, IN 47720

SOURCE OF TITLE:
INST. #200405147

BUN NUMBER:

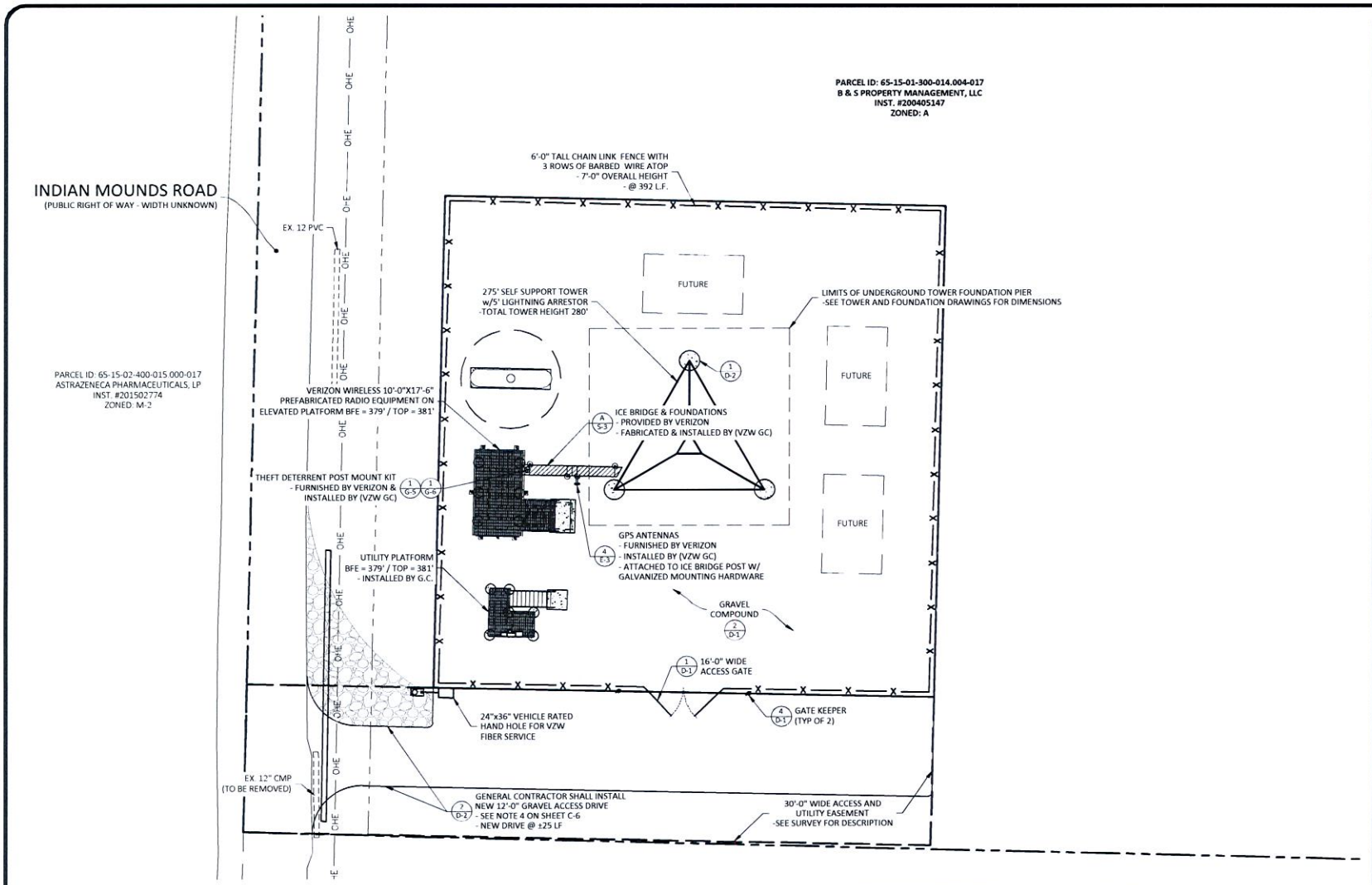
VERIZON WIRELESS SITE NAME:
EV MOUNT VERNON EAST

POD NUMBER: 15-6317

DRAWN BY: DAP
CHECKED BY: MEP
DATE: 9.9.15

SHEET TITLE:
GRADING AND E&S CONTROL PLAN

SHEET NUMBER:
C-2



Indiana 811
Know what's below. Call before you dig.

NOTICE TO CONTRACTOR
PERSONS ACTING CONTRARY TO THE PROVISIONS OF THE LAW TO BE AWARE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE THREE (3) WORKING DAYS BEFORE COMMENCING WORK

*NOTE:
GENERAL CONTRACTOR IS TO ENSURE THERE IS NO DISTURBANCE OF PROPERTY, SOIL, ETC. OUTSIDE OF THE STAKED LEASE AREA WITHOUT APPROVAL FROM VERIZON WIRELESS CONSTRUCTION MANAGER

0' 20' 40'
1" = 20'

DETAILED SITE PLAN
SCALE: 1" = 20'-0"

N

LEGEND
- UTILITY POLE
- PROPOSED LEASE LINE
- PROPOSED EASEMENT
- PROPOSED GRAVEL
- PROPOSED FENCE
- EXISTING OVERHEAD ELECTRIC
- EXISTING PAVEMENT
- PROPERTY LINE
- ADJACENT PROPERTY LINE

POD
POWER OF DESIGN
11490 BLUEGRASS PARKWAY
LOUISVILLE, KY 40299
502 437 5252

CROWN CASTLE
10300 ORMSBY PARK PLACE
SUITE # 501
LOUISVILLE, KY 40223

PRELIMINARY
NOT FOR
CONSTRUCTION

CONSTRUCTION DRAWINGS

REV.	DATE	DESCRIPTION
A	9.14.16	ISSUED FOR REVIEW

SITE INFORMATION:
EV MOUNT
VERNON EAST
INDIAN MOUNDS ROAD
VERNON, IN 47620
POSEY COUNTY

CROWN CASTLE SITE BUN:
822095

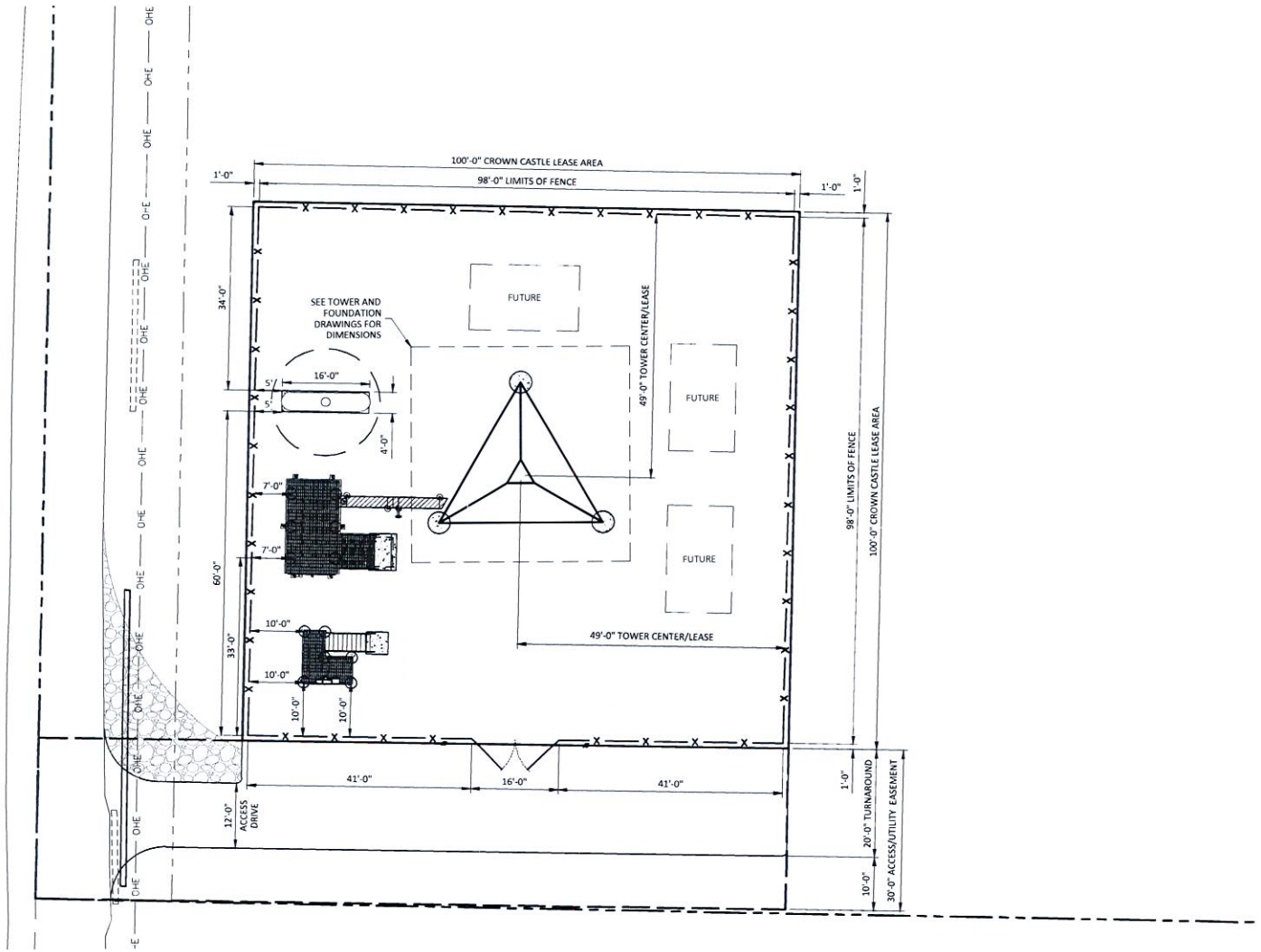
VERIZON WIRELESS SITE NAME:
EV MOUNT VERNON EAST

POD NUMBER: 15-6318

DRAWN BY: POD
CHECKED BY: MEP
DATE: 09.8.16

SHEET TITLE:
DETAILED
SITE
PLAN

SHEET NUMBER:
C-3



Indiana 811
Know what's below. Call before you dig.

NOTICE TO CONTRACTOR

PER INDIANA STATE LAW IC 8-1-26-18, IT IS AGAINST THE LAW TO DIG ANYWHERE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) BUSINESS DAYS BEFORE COMMENCING WORK

*NOTE:
GENERAL CONTRACTOR IS TO ENSURE THERE IS NO DISTURBANCE OF PROPERTY, SOIL, ETC. OUTSIDE OF THE STAKED LEASE AREA WITHOUT APPROVAL FROM VERIZON WIRELESS CONSTRUCTION MANAGER

0' 20' 40'
1"= 20'

DIMENSIONED SITE PLAN

SCALE: 1" = 20'-0"

N

LEGEND

- UTILITY POLE
- PROPOSED LEASE LINE
- PROPOSED EASEMENT
- PROPOSED GRAVEL
- PROPOSED FENCE
- EXISTING OVERHEAD ELECTRIC
- EXISTING PAVEMENT
- PROPERTY LINE
- ADJACENT PROPERTY LINE

POD
POWER OF DESIGN
11490 BLUEGRASS PARKWAY
LOUISVILLE, KY 40299
502 437 5252

CROWN CASTLE
10300 ORMSBY PARK PLACE
SUITE # 501
LOUISVILLE, KY 40223

PRELIMINARY
NOT FOR
CONSTRUCTION

CONSTRUCTION DRAWINGS

REV.	DATE	DESCRIPTION
A	9.14.16	ISSUED FOR REVIEW

SITE INFORMATION:
EV MOUNT VERNON EAST
INDIAN MOUNDS ROAD
VERNON, IN 47620
POSEY COUNTY

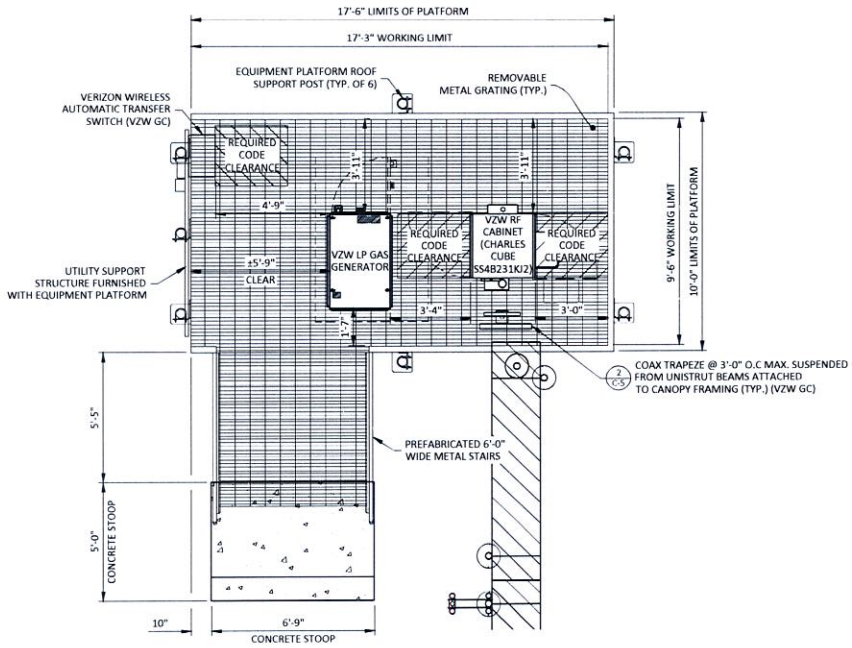
CROWN CASTLE SITE BUN:
822095

VERIZON WIRELESS SITE NAME:
EV MOUNT VERNON EAST

POD NUMBER:	15-6318
DRAWN BY:	POD
CHECKED BY:	MEP
DATE:	09.8.16

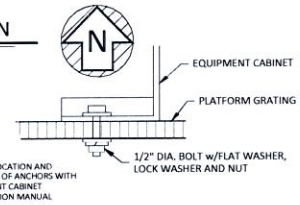
SHEET TITLE:
DIMENSIONED SITE PLAN

SHEET NUMBER:
C-4



DIMENSIONED PLATFORM PLAN

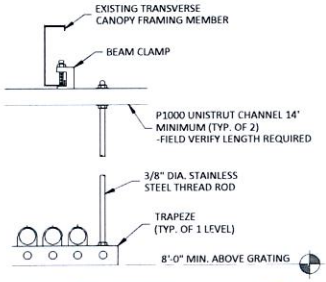
SCALE: 1" = 5'-0"



EQUIPMENT CABINET MOUNTING DETAIL

SCALE: N. T. S.

1 / C-5



COAX TRAPEZE DETAIL

SCALE: N. T. S.

2 / C-5

Indiana 811
Know what's below. Call before you dig.

NOTICE TO CONTRACTOR

PER INDIANA STATE LAW IC 8-1-26-18, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND UTILITIES SERVICE THREE (3) WORKING DAYS BEFORE COMMENCING WORK

*NOTE:
GENERAL CONTRACTOR IS TO ENSURE THERE IS NO DISTURBANCE OF PROPERTY, SOIL, ETC. OUTSIDE OF THE STAKED LEASE AREA WITHOUT APPROVAL FROM VERIZON WIRELESS CONSTRUCTION MANAGER

0' 5' 10'
1"= 5'

POD
POWER OF DESIGN
11490 BLUEGRASS PARKWAY
LOUISVILLE, KY 40299
502-437-5252

CROWN CASTLE
10300 ORMSBY PARK PLACE
SUITE # 501
LOUISVILLE, KY 40223

PRELIMINARY NOT FOR CONSTRUCTION

CONSTRUCTION DRAWINGS

REV.	DATE	DESCRIPTION
A	9.14.16	ISSUED FOR REVIEW

SITE INFORMATION:
EV MOUNT VERNON EAST
INDIAN MOUNDS ROAD
VERNON, IN 47620
POSEY COUNTY

CROWN CASTLE SITE BUN:
822095

VERIZON WIRELESS SITE NAME:
EV MOUNT VERNON EAST

POD NUMBER: 15-6318
DRAWN BY: POD
CHECKED BY: MEP
DATE: 09.8.16

SHEET TITLE:
DETAILED PLATFORM PLAN

SHEET NUMBER:
C-5

GENERAL SITE CONSTRUCTION NOTES

1. SCHEDULE:
THE CONSTRUCTION OF THE SITE REQUIRES A CERTAIN SEQUENCE OF EVENTS TO MINIMIZE CONSTRUCTION TIME REQUIRED UNTIL AVAILABILITY OF CELLULAR TELEPHONE SERVICE. VERIFY SCHEDULE DURING BID WALK.

2. TOWER OWNER REPRESENTATIVE:
CROWN CASTLE
10300 ORMSBY PARK PLACE, SUITE # 501
LOUISVILLE, KY 40223
CONTACT: TOM KROH
PHONE: (317) 441-8271
MOBILE: (317) 249-2030
E-MAIL: THOMAS.KROH@CROWNCASTLE.COM

PROPERTY OWNER REPRESENTATIVE:
B & S PROPERTY MANAGEMENT, LLC
2264 COMMERCIAL COURT
EVANSVILLE, IN 47712
CONTACT: TIM BARTLETT
PHONE: (812) 499-8334
E-MAIL: BANDSHOME@HOTMAIL.COM

3. ANTENNA INSTALLATION:
THE VERIZON WIRELESS CONTRACTOR (VZW GC) INSTALLING THE PLATFORM SHALL ENSURE THAT THE PLATFORM IS ALIGNED BASED ON THE VERIZON WIRELESS RF PLAN. DURING THIS WORK, THE GENERAL CONTRACTOR SHALL BE LIMITED TO THE WORK WHICH CAN BE PERFORMED OUTSIDE THE VICINITY OF THE TOWER.

4. ACCESS DRIVEWAY:
THE GENERAL CONTRACTOR SHALL CONSTRUCT THE ACCESS DRIVE PER THE ALIGNMENT AS SHOWN ON THESE DRAWINGS. IF ANY AREA OF CONSTRUCTION REQUIRES ADDITIONAL FILL OF AGGREGATE STONE THAN SHOWN ON THE DRAWINGS, THE GENERAL CONTRACTOR SHALL NOTIFY THE ENGINEER FOR APPROVAL OF THE SIZE, TYPE AND QUANTITY OF STONE/FILL NECESSARY AND SHALL NOT BE USED UNTIL APPROVAL BY THE ENGINEER. THE GENERAL CONTRACTOR SHALL ALSO OBTAIN DRIVE PERMIT FOR NEW ACCESS DRIVE.

5. PREFABRICATED RADIO EQUIPMENT PLATFORM AND GENERATOR:
THIS VERIZON WIRELESS CONTRACTOR (VZW GC) SHALL PROVIDE ALL LABOR, EQUIPMENT AND MATERIALS FOR THE PROPER LIFTING, TRANSPORTING AND ASSEMBLY OF THE PREFABRICATED RADIO EQUIPMENT PLATFORM FROM THE TRANSPORT TRUCK BED TO THE FINAL POSITION ON THE CONCRETE FOUNDATIONS. THE GENERATOR SHALL BE LIFTED INTO PLACE BY USING TWO SPREADER BAR ASSEMBLIES. EACH SPREADER BAR SHALL BE A MINIMUM 3' WIDE (RATED TO CARRY 4 TONS). THE GENERATOR WEIGHT IS 3,000# WITH TANK PEDESTAL. VERIZON WIRELESS CONTRACTOR (VZW GC) SHALL ANCHOR THE GENERATOR BASE TO THE CONCRETE SLAB USING ANCHOR BOLTS. EXTREME CAUTION SHALL BE TAKEN IN THE INSTALLATION OF THE PLATFORM TO AVOID CONTACT WITH EXISTING OVERHEAD UTILITY LINES.

THE VERIZON WIRELESS CONTRACTOR (VZW GC) IS RESPONSIBLE FOR ATTACHING, SECURING OR ASSEMBLING ANY ACCESSORY OR LOOSE ITEMS THAT ARE SHIPPED WITH THE PREFABRICATED RADIO EQUIPMENT PLATFORM AND GENERATOR AND SHALL INCLUDE THIS WORK IN THE PLATFORM INSTALLATION PORTION OF THE BID.

6. UTILITIES:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE EXCAVATION AND PROPER BACKFILLING OF TRENCHES AND SUPPLY CONDUIT REQUIRED FOR UNDERGROUND TELEPHONE & ELECTRICAL UTILITIES. ALL TRENCHING SHALL BE COMPACTED TO 95% MAXIMUM DRY DENSITY IN ACCORDANCE W/ASTM D-1557.

THE CONTRACTOR SHALL RUN AN ELECTRICAL TRENCH WITH 2 1/2" CONDUIT AND DETECTABLE PULL TAPE FROM THE NEW PREFABRICATED RADIO EQUIPMENT PLATFORM AND END AT THE NEW METER BOARD STRUCTURE. THE CONTRACTOR SHALL THEN RUN (2) TWO 4" CONDUIT WITH PULL TAPE FROM THE METER BOARD TO THE EX. UTILITY POLE W/ PROPOSED TRANSFORMER AND STUB UP 6" ABOVE GRADE. CONTACT ------- @ (812) 838-4421, WITH VECTREN ENERGY OF INDIANA, INC BEFORE BEGINNING CONSTRUCTION TO VERIFY LOCATION OF CONDUIT AND TRANSFORMER. CONDUITS MUST HAVE A MINIMUM DEPTH OF 24". CONTRACTOR SHALL CONTACT ELECTRIC PROVIDER TO HAVE TRENCH AND CONDUIT INSPECTED BEFORE THE TRENCH IS COVERED, THE ELECTRIC PROVIDER SHALL SUPPLY SERVICE TO THE NEW METER BOARD STRUCTURE. THE CONTRACTOR SHALL CONTACT VECTREN ENERGY OF INDIANA, INC TO SETUP AN INSPECTION OF THE TRENCHES BEFORE THEY ARE BACKFILLED. THE CONTRACTOR SHALL PROPERLY BACKFILL THE TRENCHES AFTER INSPECTION AND SETTLEMENT. CONTACT ELECTRIC PROVIDER THREE TO FOUR WEEKS PRIOR TO CONSTRUCTION FOR NEW SERVICE AND COORDINATION OF ACCESS TO SITE. THE CONTRACTOR SHALL CONTACT VECTREN ENERGY OF INDIANA, INC FOR A COPY OF THEIR SPECIFICATIONS BEFORE CONSTRUCTION

THE TOWER OWNER SHALL ENSURE PERMANENT ELECTRIC POWER IS AVAILABLE FOR VERIZON WIRELESS AT THE METER BASE PRIOR TO THE SITE BEING RELEASED TO VERIZON WIRELESS AS TENANT READY.

THE VERIZON WIRELESS GENERAL CONTRACTOR (VZW GC) SHALL RUN ELECTRICAL CONDUCTORS FROM NEW METER CENTER TO NEW PREFABRICATED RADIO EQUIPMENT PLATFORM WITHIN TOWER OWNER INSTALLED 2 1/2" CONDUIT CONTACT VECTREN ENERGY OF INDIANA, INC TO HAVE NEW METER INSTALLED.

THE VERIZON WIRELESS GENERAL CONTRACTOR (VZW GC) SHALL BE RESPONSIBLE FOR THE ORDERING AND COORDINATING THE DELIVERY OF A FIBER OPTIC SERVICE LINE TO THE PREFABRICATED RADIO EQUIPMENT PLATFORM. COORDINATE WITH THE FIBER PROVIDER AND THE VERIZON WIRELESS FACILITY ENGINEER.

A. THE CONTRACTOR SHALL RUN IN THE FIBER OPTIC TRENCH (1) "VERIZON ONLY" 4" PVC CONDUIT WITH PULL TAPE AND TRACER WIRE FROM THE NEW PREFABRICATED RADIO EQUIPMENT PLATFORM TO THE NEW HAND HOLE OUTSIDE COMPOUND WITHIN EASEMENT, VERIZON WIRELESS GENERAL CONTRACTOR (VZW GC) WILL COORDINATE WITH FIBER PROVIDER (TBD BY VZW) TO VERIFY EXACT LOCATION OF CONDUIT AND HAND HOLE BEFORE CONSTRUCTION STARTS. (VZW GC) WILL THEN COORDINATE WITH THE CONTRACTOR FOR THIS INSTALLATION. THE FIBER PROVIDER WILL PROVIDE SERVICE TO THE TELCO RACK IN VERIZON WIRELESS EQUIPMENT CABINET.
B. THE CONTRACTOR SHALL RUN IN THE FIBER OPTIC TRENCH (1) "VERIZON ONLY" 4" PVC CONDUIT WITH PULL TAPE FROM THE NEW HAND HOLE LOCATED OUTSIDE COMPOUND TO THE FUTURE FIBER PEDESTAL LOCATION AND STUB-UP. THE CONTRACTOR SHALL COORDINATE WITH THE VERIZON WIRELESS CONSTRUCTION MANAGER AND THE FIBER SERVICE PROVIDER ON THE FUTRE FIBER PEDESTAL LOCATION. THE CONTRACTOR SHALL PROPERLY BACKFILL THE TRENCHES AFTER SETTLEMENT. CONTACT FIBER PROVIDER (TBD BY VERIZON WIRELESS) FOR APPOINTMENT TO VISIT THE SITE, FOUR TO SIX WEEKS PRIOR TO CONSTRUCTION FOR NEW SERVICE.

ELECTRIC SERVICE PROVIDED BY:
VECTREN ENERGY OF INDIANA, INC
ADDRESS: 125 W WATER ST
MT VERNON, IN 47620
CONTACT: TBD
PHONE: (812) 838-4421
EMAIL: TBD

FIBER OPTIC SERVICE PROVIDED BY:
FIBER PROVIDER TO BE DETERMINED BY VERIZON WIRELESS

7. SITE GRADING:
A. UNIFORMLY GRADE AREA TO BE SMOOTH SURFACE FREE FROM IRREGULAR SURFACE CHANGES. COMPLY WITH COMPACTION REQUIREMENTS AND GRADE TO CROSS SECTION, TOPO LINES AND ELEVATIONS INDICATED.

- COMPOUND SURFACE GRADES ARE TO BE SLOPED TO DIRECT WATER AWAY FROM EQUIPMENT PLATFORM AND TOWER TO PREVENT STANDING AND PONDING WATER.
- COMPOUND SURFACE SHALL BE COMPACTED TO A 95% MAXIMUM DRY DENSITY TO ALLOW PROPER STERILIZATION FOR ACCESS TO ALL CUSTOMERS DENSITY TESTING MAY BE REQUIRED AT VERIZON WIRELESS' DISCRETION DUE TO QUESTIONABLE COMPACTION OF FINISH SURFACE GRADE OR SUB-GRADE.
- DITCHES/SWALES AROUND THE COMPOUND AREA AND ALONG ACCESS ROAD SHALL BE CONSTRUCTED SO TO PROVIDE A SMOOTH TRANSITION BETWEEN EXISTING GRADES/SLOPE AND NEW PROPOSED GRADES.
- SITE GRADING AND DRAINAGE SHOULD BE CONSTRUCTED TO PREVENT WATER FROM ENTERING THE COMPOUND SURFACE OR THE ACCESS ROAD SUB-GRADE.

B. MOISTURE CONTROL - UNIFORMLY MOISTEN OR AERATE SUB-GRADE AND EACH SUBSEQUENT FILL OR BACK FILL LAYER BEFORE COMPACTION TO WITHIN 90% OF OPTIMUM MOISTURE CONTENT. DO NOT PLACE BACK FILL OR FILL MATERIAL ON SURFACES THAT ARE MUDDY, FROZEN OR CONTAIN FROST, SNOW OR ICE.

C. STOCKPILING MATERIAL (TOP SOIL OR FILL DIRT) - SHOULD BE PLACED IN AN AREA THAT CAN BE CONTROLLED TO PREVENT WATER, SNOW, OR ICE FROM EFFECTING MOISTURE CONTENT. STOCKPILES MAY HAVE TO BE COVERED TO PREVENT ADDITIONAL MOISTURE FROM ACCUMULATING SO ACCEPTABLE FILL CAN BE USED.

D. DE-WATERING - PREVENT SURFACE WATER AND SUBSURFACE OR GROUND WATER FROM ENTERING EXCAVATIONS, FROM PONDING ON PREPARED SUB-GRADE, AND FROM FLOODING PROJECT OR BUILD AREA.

E. EROSION CONTROL - MEASURES SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT.
- ALL INLETS, DRAINS, PIPES, SWELLS, AND ROADS SHALL BE KEPT CLEAN AND FREE OF DIRT AND SILT.

F. GEOTEXTILE FABRIC - AFTER PLACEMENT AND COMPACTION OF FILL WITHIN THE WORK AREA AND BEFORE THE PLACEMENT OF LIMESTONE AGGREGATE, (SEE SITE AREA SURFACING DETAIL ON D-1), THE ENTIRE DISTURBED WORK AREA SHALL BE COVERED WITH A GEOTEXTILE FABRIC. THIS FABRIC SHALL BE "TENCATE (MIRAFI 500X) WOVEN ENGINEERING FABRIC" INSTALLED ACCORDING TO THE MANUFACTURERS RECOMMENDATIONS.

8. TRASH REMOVAL & SANITATION:
THE GENERAL CONTRACTOR AND VERIZON WIRELESS GENERAL CONTRACTOR (VZW GC) SHALL REMOVE ALL TRASH AS CREATED BY HIMSELF AND HIS SUBCONTRACTORS. TRASH SHALL BE REMOVED FROM THE SITE IN A TIMELY FASHION TO A LEGAL DISPOSAL AREA. THE GENERAL CONTRACTOR SHALL ALSO REMOVE ALL TRASH CREATED BY OTHER CONTRACTORS INCLUDING CABLE REELS, CARDBOARD BOXES AND PACKING. NO BURNING OR BURYING OF TRASH IS PERMITTED.

THE GENERAL CONTRACTOR SHALL PROVIDE AND MAINTAIN A PORTABLE TOILET FOR THE DURATION OF THE CONSTRUCTION PROJECT.

9. TOWER:
A. THE GENERAL CONTRACTOR SHALL VERIFY THE EQUIPMENT PLATFORM FOUNDATIONS ARE LOCATED CORRECTLY WITH RESPECT TO THE TOWER FOUNDATION. THE CONTRACTOR MUST NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES PRIOR TO POURING CONCRETE.

B. TOWER & FOUNDATION DESIGN ARE BY OTHERS FOR TOWER OWNER. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL VERIFY IN WRITING FROM TOWER OWNER THAT THE TOWER IS STRUCTURALLY SUFFICIENT TO SUPPORT ALL LOADINGS AS OUTLINED IN THESE DOCUMENTS. TOWER AND FOUNDATION DESIGN SHALL BE PERFORMED BY A LICENSED ENGINEER.

C. THE GENERAL CONTRACTOR SHALL VERIFY THE TOP OF FOUNDATION MATCHES THE FAA APPROVAL LETTER.

10. EXCAVATION OF UTILITIES:
A. FIELD VERIFY THE LOCATION OF ANY EXISTING UNDERGROUND UTILITIES PRIOR TO EXCAVATING IN THE VICINITY OF THE SITE. ALL EXCAVATIONS SHALL BE MADE BY HAND OVER OR UNDER OR IMMEDIATELY ADJACENT TO ANY EXISTING UTILITIES & GROUNDING.

B. ALL UTILITY COMPANIES SHALL BE NOTIFIED AT LEAST 48 HOURS PRIOR TO ANY CONSTRUCTION ON THIS PROJECT. CONTACT UNDERGROUND UTILITY PROTECTION SERVICE BEFORE YOU DIG AT 1-800-382-5544 OR 811.

C. EXISTING UTILITIES ARE SHOWN FROM THE SURVEY AND ARE NOT NECESSARILY COMPLETE AND ACCURATE. THE CONTRACTOR SHALL BE RESPONSIBLE TO LOCATE, EXPOSE AND DETERMINE IF CONFLICTS EXIST WITH THE NEW IMPROVEMENTS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER: POWER OF DESIGN GROUP, LLC IN ORDER TO RESOLVE ANY CONFLICTS.

11. CONTRACTOR'S LICENSE:
THE GENERAL CONTRACTOR, VERIZON WIRELESS GENERAL CONTRACTOR (VZW GC) AND ALL OF THEIR SUBCONTRACTORS THAT DO ANY WORK ON THIS PROJECT SHALL BE CURRENTLY LICENSED TO PERFORM WORK IN THE LOCATION OF THIS SITE. PROOF OF LICENSES SHALL BE SUPPLIED TO VERIZON WIRELESS PRIOR TO THE COMMENCEMENT OF ANY WORK.

12. SEEDING:
ALL DISTURBED AREAS SHALL BE REPAIRED AND SEEDED BY THE GENERAL CONTRACTOR, UNLESS OTHERWISE NOTED. SEED DISTURBED AREAS W/4 POUNDS/1000 SQ. FT. - 60% KENTUCKY BLUEGRASS, 18% CREEPING RED FESCUE, 22% ANNUAL RYEGRASS.

13. TRAFFIC CONTROL:
THE CONTRACTOR SHALL FURNISH, INSTALL AND MAINTAIN ALL REQUIRED TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES OR GOVERNING LOCAL AGENCIES.

14. CONSTRUCTION STAKING:
THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONSTRUCTION STAKING NEEDED TO COMPLETE ALL THE CONSTRUCTION SHOWN HEREON. CONTACT DESIGN ENGINEER TO SCHEDULE CONSTRUCTION STAKING.

15. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE TO EXISTING PROPERTY RESULTING FROM THE CONSTRUCTION ACTIVITIES, INCLUDING BUT NOT LIMITED TO PAVEMENT, FINISHED GRADES, LANDSCAPING, BUILDINGS, SURVEY MARKERS, FIELD TILES, CULVERTS, ETC.

16. IN THE EVENT ANY DISCREPANCIES OR ERRORS ARE FOUND ON THESE PLANS OR ANY CONFLICT OR PROBLEMS ARE ENCOUNTERED DURING CONSTRUCTION, THE GENERAL CONTRACTOR OR VERIZON WIRELESS GENERAL CONTRACTOR (VZW GC) SHALL NOTIFY THE ENGINEER BEFORE PROCEEDING WITH THE WORK. NO ADDITIONAL COMPENSATION WILL BE PAID TO THE GENERAL CONTRACTOR OR VERIZON WIRELESS GENERAL CONTRACTOR (VZW GC) FOR WORK HAVING TO BE REDONE FOR GRADE OR GEOMETRIC DISCREPANCIES IF NOTICE TO THE ENGINEER HAS NOT BEEN PROVIDED. THE ENGINEER RESERVES THE RIGHT TO MAKE MINOR ADJUSTMENTS AS NECESSARY TO ACCOMPLISH THE INTENT OF THESE PLANS.

17. ALL SITE WORK AND CONSTRUCTION SHALL CONFORM TO ANY AND ALL APPLICABLE CODES AND VERIZON WIRELESS STANDARDS AND SPECIFICATIONS.

18. ALL ELEVATIONS AND TOPOGRAPHIC INFORMATION WAS TAKEN FROM A SURVEY SUPPLIED TO POWER OF DESIGN GROUP, LLC BY POWER OF DESIGN GROUP, LLC. POWER OF DESIGN GROUP, LLC HAS NOT VERIFIED THIS INFORMATION AND DOES NOT WARRANT ANY INFORMATION SUPPLIED BY OTHERS.

19. THE GENERAL CONTRACTOR SHALL MAINTAIN A COMPLETE AS-BUILT SET OF PLANS AND CONDITIONS, AND SUBMIT SAME TO THE ENGINEER WITHIN 7 DAYS OF COMPLETION OF CONSTRUCTION. AS-BUILT PLANS SUBMITTED TO THE ENGINEER SHALL INCLUDE A DRAWING WITH DIMENSIONS SHOWING THE LOCATION OF THE UNDERGROUND UTILITIES, GROUNDING GRID, PLATFORM, TOWER FOUNDATION, TOWER PLATFORM ORIENTATION, AND FENCE WITHIN THE LEASE AREA OR PROPERTY AND BE CERTIFIED BY A LICENSED PROFESSIONAL SURVEYOR.

20. THE GENERAL CONTRACTOR AND VERIZON WIRELESS GENERAL CONTRACTOR (VZW GC) SHALL BE RESPONSIBLE FOR NOTIFICATION OF ALL GOVERNING AGENCIES THAT REQUIRE SITE INSPECTION OF THE WORK AND/OR SIMPLY NOTIFICATION.

21. THE GENERAL CONTRACTOR AND VERIZON WIRELESS GENERAL CONTRACTOR (VZW GC) SHALL BE RESPONSIBLE FOR NOTIFICATION AND COORDINATION OF ALL TESTING AGENCIES THAT REQUIRE SITE INSPECTION OR TESTING OF THE WORK AS DIRECTED IN THESE PLANS, GOVERNING AGENCIES AND ALL APPLICABLE CODES.

22. PRIOR TO THE SUBMISSION OF BIDS, THE GENERAL CONTRACTOR AND HIS SUBCONTRACTORS SHALL VERIFY ALL DETAILS AND SCHEDULES ON THE DRAWINGS AND SPECIFICATIONS PROVIDED BY THE OWNER, FOR MEANING OF ABBREVIATIONS AND ADDITIONAL REQUIREMENTS AND INFORMATION. CHECK ALL CONSTRUCTION DOCUMENTS TO INCLUDE, BUT NOT LIMITED TO, GEOTECHNICAL REPORT, STRUCTURAL ANALYSIS, TOWER, MECHANICAL AND ELECTRICAL DRAWINGS, FOR SCALE, SPACE LIMITATIONS, DOOR SWINGS, ADJACENT CARRIER EQUIPMENT COORDINATION AND ADDITIONAL INFORMATION, ETC. REPORT ANY DISCREPANCIES, CONFLICTS, ETC. TO THE OWNER BEFORE SUBMITTING BIDS.

Indiana 811
Know what's below. Call before you dig.

NOTICE TO CONTRACTOR
IN INDIANA STATE LAW IC 8-1-26-16 IT IS AGAINST THE LAW TO EXCAVATE WITHOUT VERIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

POD
POWER OF DESIGN
11490 BLUEGRASS PARKWAY
LOUISVILLE, KY 40299
502-437-5252

CROWN CASTLE
10300 ORMSBY PARK PLACE
SUITE # 501
LOUISVILLE, KY 40223

PRELIMINARY
NOT FOR
CONSTRUCTION

CONSTRUCTION DRAWINGS

REV.	DATE	DESCRIPTION
A	9.14.16	ISSUED FOR REVIEW

SITE INFORMATION:
EV MOUNT
VERNON EAST
INDIAN MOUNDS ROAD
VERNON, IN 47620
POSEY COUNTY

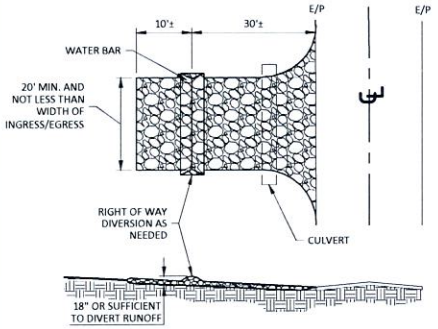
CROWN CASTLE SITE BUN:
822095

VERIZON WIRELESS SITE NAME:
EV MOUNT VERNON EAST

POD NUMBER: 15-6318
DRAWN BY: POD
CHECKED BY: MEP
DATE: 09.8.16

SHEET TITLE:
GENERAL SITE CONSTRUCTION NOTES

SHEET NUMBER:
C-6



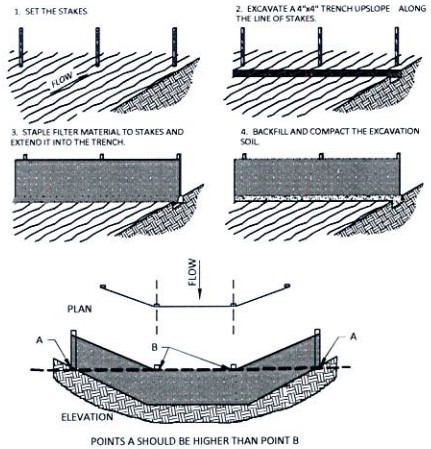
NOTES:

1. STONE SIZE - NO. 2 STONE SHALL BE USED, OR RECYCLED CONCRETE EQUIVALENT.
2. THE CONSTRUCTION ENTRANCE SHALL COINCIDE WITH THE PROPOSED DRIVE AS SHOWN ON THE PLAN.
3. PAVEMENT THICKNESS - STONE LAYER SHALL BE AT LEAST 6" THICK.
4. DRIVEWAY WIDTH - THE ENTRANCE SHALL BE AT LEAST 10' WIDE, BUT NOT LESS THAN FULL WIDTH AT POINTS WHERE INGRESS/EGRESS OCCURS.
5. BEDDING - A GEOTEXTILE SHALL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING STONE. IT SHALL HAVE A GRAB TENSILE STRENGTH OF AT LEAST 200 LBS. AND A MULLEN BURST STRENGTH OF AT LEAST 190 LBS.
6. CULVERT - A PIPE OR CULVERT SHALL BE CONSTRUCTED UNDER THE ENTRANCE IF NEEDED TO PREVENT SURFACE WATER FLOWING ACROSS THE ENTRANCE FROM BEING DIRECTED OUT ONTO PAVED SURFACES.
7. WATER BAR - A WATER BAR SHALL BE CONSTRUCTED AS PART OF THE CONSTRUCTION ENTRANCE IF NEEDED TO PREVENT SURFACE RUNOFF FROM FLOWING THE LENGTH OF THE CONSTRUCTION ENTRANCE AND OUT ONTO PAVED SURFACES.
8. MAINTENANCE - TOP DRESSING OF ADDITIONAL STONE SHALL BE APPLIED AS CONDITIONS DEMAND, MUD SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC ROADS, OR ANY SURFACE WHERE RUNOFF OS NOT CHECKED BY SEDIMENT CONTROLS, SHALL BE REMOVED IMMEDIATELY, REMOVAL SHALL BE ACCOMPLISHED BY SCRAPING OR SWEEPING.
9. CONSTRUCTIONS ENTRANCES SHALL NOT BE RELIED UPON TO REMOVE MUD FROM VEHICLES AND PREVENT OFF SITE TRACKING. VEHICLES THAT ENTER AND LEAVE THE CONSTRUCTION SHALL BE RESTRICTED FROM MUDDY AREAS.

TEMPORARY STABILIZED CONSTRUCTION ENTRANCE

SCALE: N.T.S.

1 / C-7

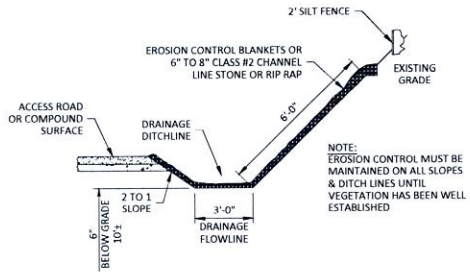


POINTS A SHOULD BE HIGHER THAN POINT B

SILT FENCE DETAIL

SCALE: N.T.S.

2 / C-7



NOTES:

1. WHEN FACED WITH SLOPES LESS THAN 2 TO 1 SLOPES, ALL SLOPES SHOULD BE DOZER TRACKED PRIOR TO SEEDING. ALL SLOPES SHOULD HAVE EROSION CONTROL BLANKETS OR RIP RAP EMBEDDED ON SLOPES SURFACES TO REDUCE EROSION.
2. ALL FLOWLINES MUST BE INSTALLED BELOW SUB-GRADE OF COMPOUND. (AT MINIMUM OF 6" BELOW)

DRAINAGE DITCHLINE DETAIL (SWALE)

SCALE: N.T.S.

3 / C-7

EROSION & SEDIMENT CONTROL NOTES

1. ALL WORK SPECIFIED AS A/AN DOT ITEM SHALL BE GOVERNED BY THE STATE OF _____ OF DEPARTMENT OF TRANSPORTATION CONSTRUCTION AND MATERIAL SPECIFICATION HANDBOOK. IT IS CONTRACTORS RESPONSIBILITY TO POSSESS AND BE FAMILIAR WITH APPLICABLE SECTIONS.
2. THIS CONTRACT DRAWING SHALL BE MADE AVAILABLE ON SITE AT ALL TIMES AND PRESENTED UPON REQUEST. IF UNFORESEEN STORM WATER POLLUTION PREVENTION IS ENCOUNTERED, ADDITIONAL STORM WATER POLLUTION PREVENTION (SWPP) MEASURES MAY BE REQUESTED BY THE OWNER, COUNTY ENGINEER, PROJECT ENGINEER OR SOIL CONSERVATION SERVICE REPRESENTATIVE AT ANY TIME. SUCH REQUESTS SHALL BE IMPLEMENTED IMMEDIATELY AT CONTRACTOR'S EXPENSE.
3. ALL STORM WATER POLLUTION PREVENTION ITEMS SHALL BE INSTALLED AS SHOWN OR NOTED ON THIS SHEET.
4. PLANT TEMPORARY SEEDING AND MULCHING IN ALL AREAS THAT SHALL BE INACTIVE FOR 7 DAYS OR MORE. ALL DISTURBED AND ERODED EARTH SHALL BE REGRADED AND SEEDED WITHIN 14 DAYS WITH SEEDING, AS DEFINED ABOVE AND AS SHOWN ON THE TABLE BELOW. TO ESTABLISH STABILITY AND PROVIDE SEDIMENT CONTROL, WHERE POSSIBLE. TEMPORARY SEEDING GROWTH SHALL NOT BE MOWED UNTIL IT HAS GONE TO SEED FOR 1 YEAR.

	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
PERMANENT SEEDINGS			A									
DORMANT SEEDINGS	B									B		
TEMPORARY SEEDINGS			C			D						
SODDING			E**									
MULCHING	F											

A. KENTUCKY BLUEGRASS 90 LBS./AC/MIXED PERENNIAL RYEGRASS 30 LBS./ACRE

B. KENTUCKY BLUEGRASS 135 LBS./AC/MIXED PERENNIAL RYEGRASS 45 LBS./AC. 2 TON STRAW MULCH PER ACRE

C. SPRING OATS 100 LBS./ACRE

D. WHEAT OR CEREAL RYE 150 LBS./ACRE

E. SOD (NURSERY CROWNA KENTUCKY)

F. STRAW MULCH 2 TONS PER ACRE

* IRRIGATION NEEDED DURING JUNE, JULY & SEPTEMBER

** IRRIGATION NEEDED FOR 2-3 WEEKS AFTER SODDING

5. PERMANENT VEGETATION SHALL BE INSTALLED WITHIN 10 DAYS AT THE COMPLETION OF ANY GRADED AREAS, WEATHER PERMITTING. ALL PERMANENT VEGETATION SHALL CONSIST OF PLANTING AND SOD
6. AT SUCH TIME ROUGH GRADING OF THE SITE IS COMPLETE AND DRAINAGE DIVERTS TO INLETS, INLET SEDIMENT FILTERS SHALL BE INSTALLED AT ALL INLET STRUCTURES TO KEEP PIPING SYSTEMS FREE OF SILTATION.
7. SILT BARRIERS SHALL BE INSTALLED AROUND ALL EXISTING OR NEW STORM INLETS, CATCH BASINS, AND YARD DRAINS. INSTALL ROCK CHECK DAMS FOR HEADWALL INLETS FOR STORM WATER POLLUTION PREVENTION.
8. STORM WATER POLLUTION PREVENTION MEASURES SHALL BE INSTALLED OR TOPSOIL STOCKPILES AND OTHER TEMPORARILY DISTURBED AREAS AS SHOWN ON THESE PLANS AND AS DIRECTED BY THE ENGINEER.
9. CONTRACTOR SHALL INSPECT ALL SWPP MEASURES DAILY AND REPAIR AS NECESSARY TO PREVENT EROSION. SILTATION SHALL BE REMOVED FROM AREAS WHERE FAILURES HAVE OCCURRED AND CORRECTIVE ACTION TAKEN WITHIN 24 HOURS TO MAINTAIN ALL SWPP.
10. SILT BARRIERS, CONSTRUCTION ENTRANCES, AND SILT FENCES SHALL REMAIN IN PLACE UNTIL A GOOD STAND OF GRASS HAS BEEN OBTAINED AND/OR PAVING OPERATIONS ARE COMPLETE. CONTRACTOR SHALL KEEP SILT FROM ENTERING ANY STORM DRAINAGE SYSTEM. ONCE SITE HAS BEEN COMPLETELY STABILIZED, ANY SILT IN PIPES AND DRAINAGE SWALES SHALL BE REMOVED WITHIN 10 DAYS.
11. TEMPORARY SEDIMENTATION AND STORM WATER POLLUTION PREVENTION MEASURES MUST BE INSPECTED AND LOGGED BY THE CONTRACTOR FOR INSPECTION, LOGGING SHALL BE WEEKLY AND AFTER RAIN STORMS.
12. UTILITY COMPANIES MUST COMPLY WITH ALL STORM WATER POLLUTION PREVENTION MEASURES AS DEFINED ON THE STORM WATER PREVENTION PLANS, DETAILS AND NOTES.
13. ALL EXISTING WATER COURSES WITHIN THE PROJECT LIMITS SHALL BE TEMPORARILY PROTECTED DURING LAND CLEARING AND GRADING OPERATIONS. SOILS WITHIN 50 FEET OF SAID WATER COURSES SHALL BE STABILIZED WITHIN 2 DAYS OF THE INITIAL CLEARING / GRADING OPERATION AS SHOWN ON PLANS.
14. ALL DISTURBED AREAS SHALL BE STABILIZED WITHIN 7 DAYS OF FINAL GRADING.
15. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN ALL SEDIMENTATION AND STORM WATER POLLUTION PREVENTION ITEMS AT ALL TIMES.
16. ALL STORM WATER POLLUTION PREVENTION PRACTICES WILL BE INSTALLED BEFORE ANY OTHER EARTH MOVING OCCURS.
17. THE FOLLOWING STORM WATER POLLUTION PREVENTION AND SEDIMENT CONTROL MEASURES WILL BE USED ON THIS SITE:
    1. SILT BARRIERS
    2. SILT FENCE
    3. CONSTRUCTION ENTRANCE
    4. EROSION CONTROL SEED BLANKETS - SPEC FOR TEMPORARY EROSION CONTROL BLANKETS ON SLOPES/DITCHES

CONSTRUCTION SEQUENCE

1. STAKE AND/OR FLAG LIMITS OF CLEARING
2. DURING PRECONSTRUCTION MEETING ALL EROSION & SEDIMENT CONTROL FACILITIES & PROCEDURES SHALL BE DISCUSSED.
3. CLEARING & GRUBBING, AS NECESSARY, FOR INSTALLATION OF PERIMETER CONTROLS.
4. INSTALL SILT FENCE PERIMETER CONTROLS AS SHOWN ON PLANS.
5. INSTALL CONSTRUCTION ENTRANCE, IF CONDITIONS ARE SUCH THAT MUD IS COLLECTION ON VEHICLE TIRES, THE TIRES MUST BE CLEANED BEFORE THE VEHICLES ENTER THE PUBLIC ROADWAY. THE SITE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT THE TRACKING OR FLOW OF MUD INTO THE PUBLIC RIGHT-OF-WAY. ALL MATERIALS SPILLED, DROPPED, WASHED OR TRACKED FROM VEHICLES ONTO THE ROADWAY MUST BE REMOVED PROMPTLY.
6. CLEARING & GRUBBING THE REMAINING SITE AS NECESSARY.
7. BEGIN FILLING & GRADING AS REQUIRED TO REACH SUBGRADE.
8. CONSTRUCT AND MAINTAIN TEMPORARY DRAINAGE SWALES DURING FILLING AND GRADING ACTIVITIES.
9. CONSTRUCT SITE WORK INCLUDING STORM DRAINAGE FACILITIES.
10. MAINTAIN EROSION & SEDIMENTATION CONTROL MEASURES UNTIL THE SITE HAS BEEN COMPLETELY STABILIZED.
11. REMOVE SEDIMENT CONTROLS.

POD
POWER OF DESIGN
11490 BLUEGRASS PARKWAY
LOUISVILLE, KY 40299
502-437-5252

CROWN CASTLE
10300 ORMSBY PARK PLACE
SUITE # 501
LOUISVILLE, KY 40223

PRELIMINARY NOT FOR CONSTRUCTION

CONSTRUCTION DRAWINGS

REV.	DATE	DESCRIPTION
A	9.14.16	ISSUED FOR REVIEW

SITE INFORMATION:
EV MOUNT VERNON EAST
INDIAN MOUNDS ROAD
VERNON, IN 47620
POSEY COUNTY

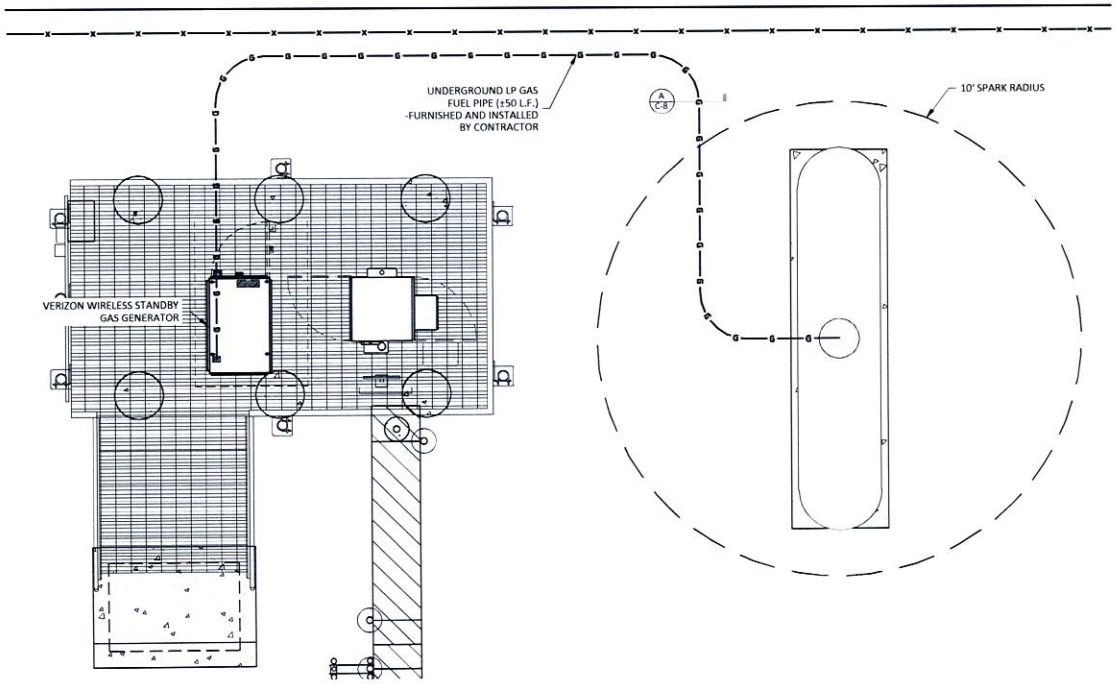
CROWN CASTLE SITE BUN:
822095

VERIZON WIRELESS SITE NAME:
EV MOUNT VERNON EAST

POD NUMBER: 15-6318
DRAWN BY: POD
CHECKED BY: MEP
DATE: 09.8.16

SHEET TITLE:
BEST MANAGEMENT PRACTICES & EROSION CONTROL DETAILS AND NOTES

SHEET NUMBER:
C-7



UNDERGROUND GAS PIPING PLAN AND NOTES

SCALE: 1" = 5'-0"

0' 5' 10'
1"=5'

N

UNDERGROUND LP GAS NOTES

1. THE VZW CONTRACTOR SHALL RUN A GAS TRENCH WITH 1-1/2" POLYETHYLENE GAS LINE INSIDE A 3" DIA. PVC DUCT FROM THE NEW STANDBY LP GENERATOR TO THE NEW LP GAS TANK LOCATION. THE VZW CONTRACTOR SHALL FURNISH & INSTALL PVC END CAPS, DRILLED SLIGHTLY OVERSIZED FOR THE LP GAS PIPE, ON EACH END OF THE DUCT. FULLY SEAT THE END CAPS (DRY FIT) OVER THE PIPING. PROVIDE SILICONE SEALANT AT BOTH PIPE PENETRATION. ALL DUCT ELBOWS SHALL BE 24" RADIUS MINIMUM. THE VZW CONTRACTOR SHALL FURNISH & INSTALL ANODELESS PREFABRICATED METAL GAS RISER AT THE TANK LOCATION AND THE GENERATOR ENTRANCE LOCATION. THE VZW CONTRACTOR SHALL INCLUDE ALL FEES REQUIRED BY THE GAS SERVICE PROVIDER TO PROVIDE A COMPLETE WORKING SERVICE.

2. THE VZW CONTRACTOR SHALL FURNISH AND INSTALL A NEW VZW SECONDARY GAS REGULATOR AT THE TERMINUS OF THE PREFABRICATED METAL GAS RISER. THE VZW REGULATOR SHALL BE INSTALLED SUCH THAT THERE WILL BE 10' MIN. PIPE LENGTH FROM THE VZW REGULATOR TO THE GENERATOR CONNECTION POINT. THE PREFERRED REGULATOR MANUFACTURERS ARE EMERSON/FISCHER (1-800-558-5853) AND ILTRON (1-800-490-0657). THE VZW CONTRACTOR SHALL CONTACT A PREFERRED MANUFACTURER AFTER MEETING WITH THE GAS UTILITY TO COORDINATE THE PROPERLY ASSEMBLED REGULATOR IS INSTALLED.

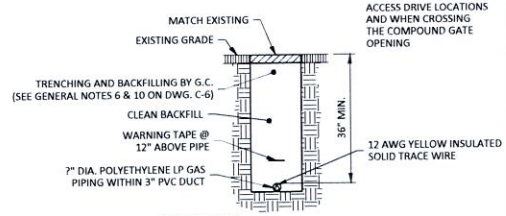
Indiana 811
Know what's below. Call before you dig.

NOTICE TO CONTRACTOR
PER INDIANA STATE LAW C-8 1, 10, 18, 17.5 AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

LEGEND

PROPOSED GRAVEL
—— X —— X —— X —— PROPOSED FENCE
—G—G—G—G— UNDERGROUND LP GAS LINE

*TRENCH WIDTH SHALL NOT EXCEED 18" AT ALL ACCESS DRIVE LOCATIONS AND WHEN CROSSING THE COMPOUND GATE OPENING



GAS LINE TRENCH SECTION DETAIL

SCALE: N.T.S.

A
C-8

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LOUISVILLE, KY 40299
502-437-5252

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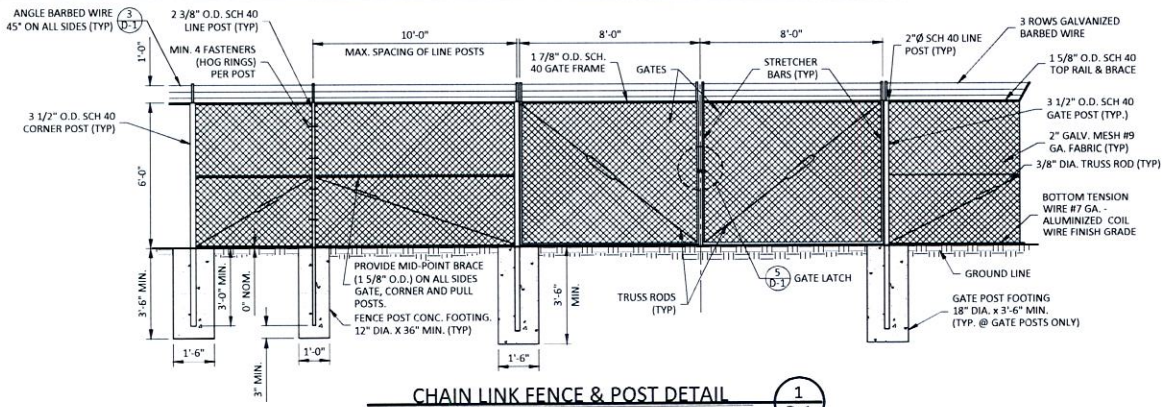
DRAWN BY:	POD
CHECKED BY:	MEP
DATE:	09.8.16

SHEET TITLE:
UNDERGROUND GAS PIPING PLAN AND NOTES

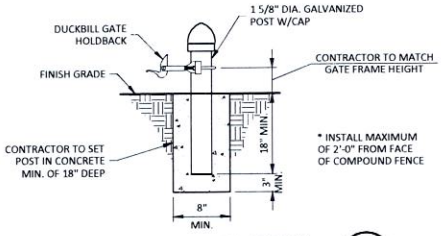
SHEET NUMBER:
C-8



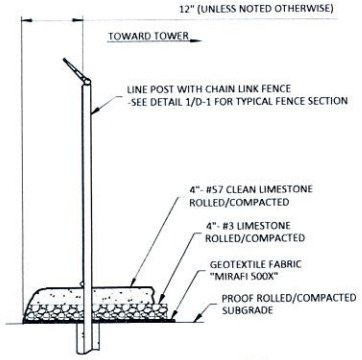
CHAIN LINK FENCE & POST DETAIL 1 D-1
SCALE: N.T.S.

CHAIN LINK FENCING NOTES

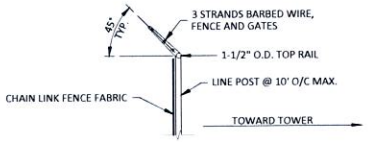
1. ALL FENCE AND FABRIC SHALL BE HOT DIPPED GALVANIZED WITH A MINIMUM OF 2 OZ. PER SQUARE FOOT, 9 GAUGE WIRE (MIN. BREAKING STRENGTH OF 1,290 LBS) WITH 2" MESH. ALL BARBED WIRE SHALL BE ALUMINUM OR COATED PER NOTE #4.
2. BOTTOM EDGE OF FENCE FABRIC SHALL EXTEND TO FINISHED GRADE.
3. SITE FENCE SHALL BE 6'-0" FABRIC W/ 3 STRAND BARBED WIRE FOR TOTAL HEIGHT OF 7'-0".
4. BARBED WIRE SHALL MEET ASTM A 121, CLASS 3 GALV. OR ASTM A 585, TYPE I, CLASS 2 COATING (NOT LESS THAN 0.8 OZ. PER SQ. FT.) AND SHALL BE THREE STRAND 12.5 GAGE w/4 POINT BARBS AT 5" O/C.
5. BOTTOM OF CONCRETE BASE SHALL BE SET BELOW FROSTLINE (SEE LOCAL CODE). WHERE SOIL BEARING CAPACITY IS LESS THAN 2000 PSF, INCREASE CONCRETE SURROUNDING FENCE POST FOUNDATION DIAMETERS BY 8", PROVIDE CONCRETE WITH A 28 DAY STRENGTH OF 3000 PSI (MIN.)
6. PROVIDE A DIAGONAL BRACE ROD AND TURN BUCKLE ON BOTH GATE LEAFS.
7. ALL RAILS AND BRACES SHALL BE SCHEDULE 40, AND ALL FENCE POSTS SHALL BE SCHEDULE 40, AND BE 2 OZ. GALVANIZED COATED.
8. CONTRACTOR SHALL ENSURE ALL POSTS ARE PLUMB.
9. ALL FENCE SHALL BE FABRICATED AND INSTALLED PER ASTM F2611-15, ASTM F567-14a AND CHAIN LINK FENCE MANUFACTURES INSTITUTE CLFMI-PM 2445.



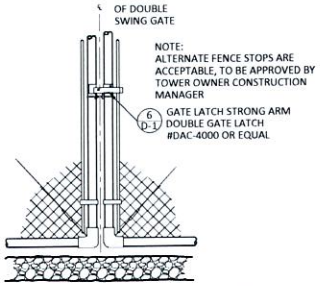
GATE KEEPER DETAIL 4 D-1
SCALE: N.T.S.



SITE AREA SURFACING 2 D-1
SCALE: N.T.S.



TYPICAL BARBED WIRE DETAIL 3 D-1
SCALE: N.T.S.



GATE LATCH DETAIL 5 D-1
SCALE: N.T.S.

GATE LATCH DETAIL 6 D-1
SCALE: N.T.S.

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DRAWN BY: POD
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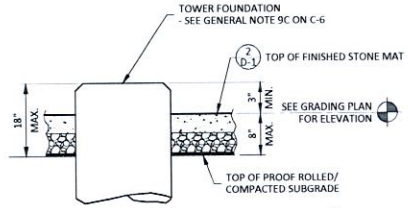
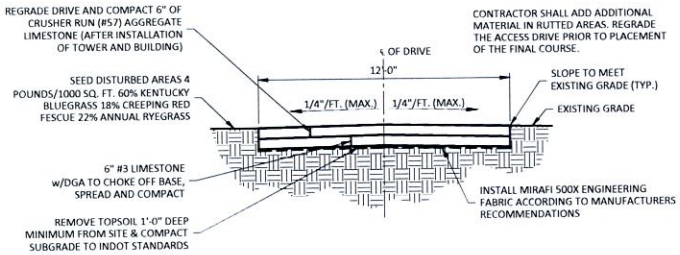
SHEET TITLE:
FENCE DETAILS AND NOTES

SHEET NUMBER:
D-1



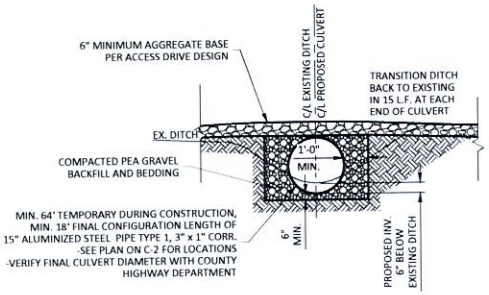
PARTIAL COMPOUND SECTION 1 D-2

SCALE: N.T.S.



ACCESS DRIVE TYPICAL SECTION 2 D-2

SCALE: N.T.S.

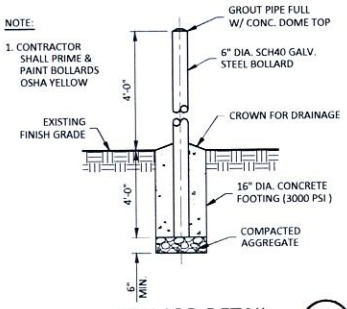


CULVERT DETAIL 3 D-2

SCALE: N.T.S.

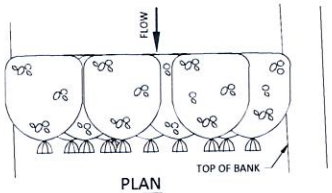
NOTE:

1. CONTRACTOR SHALL PRIME & PAINT BOLLARDS OSHA YELLOW

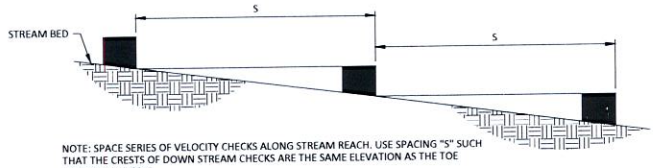


BOLLARD DETAIL 4 D-2

SCALE: N.T.S.

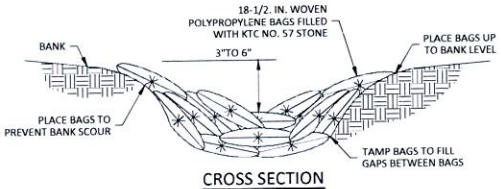


PLAN



NOTE: SPACE SERIES OF VELOCITY CHECKS ALONG STREAM REACH. USE SPACING "S" SUCH THAT THE CRESTS OF DOWN STREAM CHECKS ARE THE SAME ELEVATION AS THE TOE UPSTREAM CHECKS.

VELOCITY CHECK SPACING



CROSS SECTION

*NOTE:
STRAW BALES MAY BE USED IN LIEU OF STONE BAGS AS APPROVED BY CITY ENGINEER.

STONE BAG SILT CHECK DETAIL 5 D-2

SCALE: N.T.S.

POD
POWER OF DESIGN
11490 BLUEGRASS PARKWAY
LOUISVILLE, KY 40299
502-437-5252

CROWN CASTLE
10300 ORMSBY PARK PLACE
SUITE # 501
LOUISVILLE, KY 40223

PRELIMINARY
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CONSTRUCTION
DRAWINGS

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EV MOUNT
VERNON EAST
INDIAN MOUNDS ROAD
VERNON, IN 47620
POSEY COUNTY

CROWN CASTLE SITE BUN:
822095

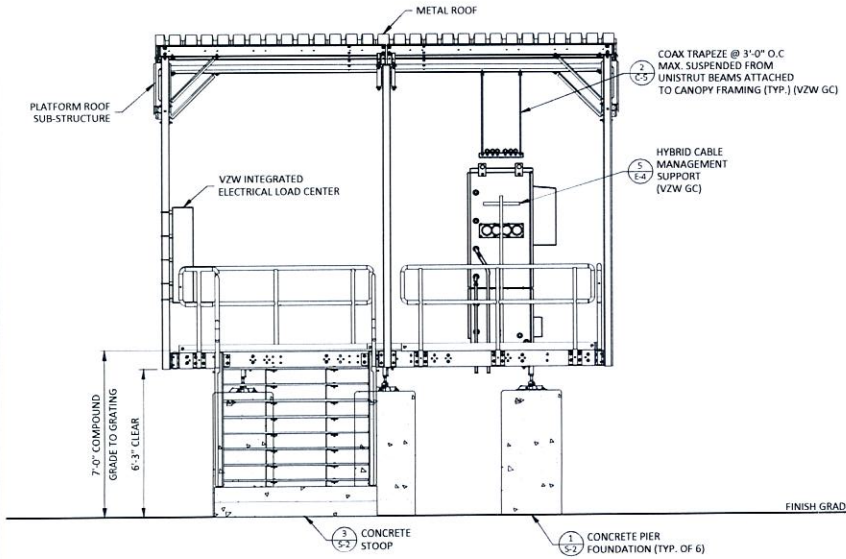
VERIZON WIRELESS SITE NAME:
EV MOUNT VERNON EAST

POD NUMBER: 15-6318

DRAWN BY: POD
CHECKED BY: MEP
DATE: 09.8.16

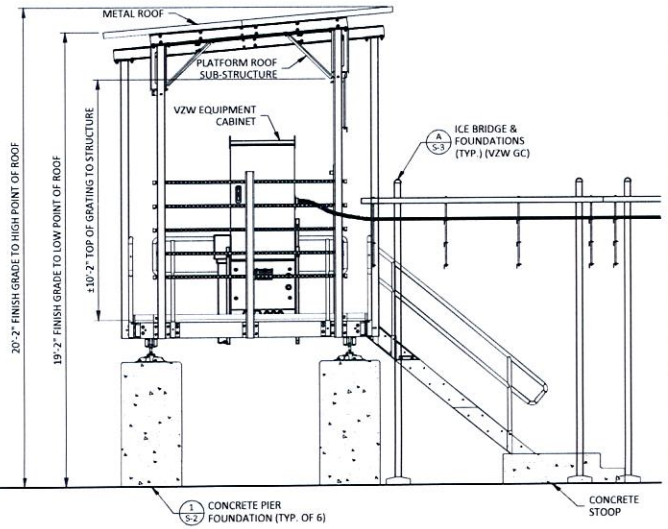
SHEET TITLE:
SITE
DETAILS

SHEET NUMBER:
D-2



FRONT ELEVATION

SCALE: 1" = 5'-0"



END ELEVATION

SCALE: 1" = 5'-0"

0' 5' 10'
1"= 5'

POD
POWER OF DESIGN
11490 BLUEGRASS PARKWAY
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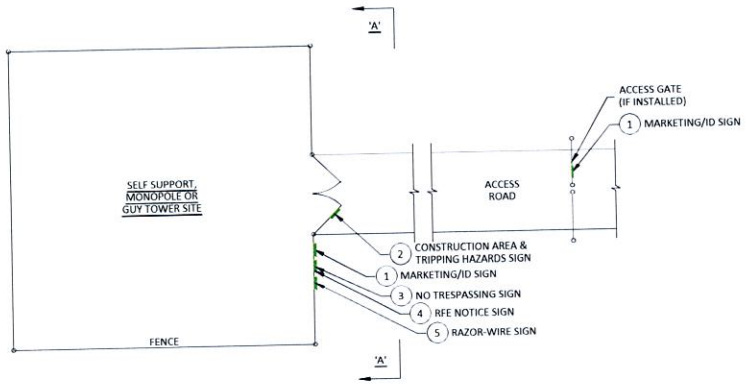
SHEET TITLE:
PLATFORM ELEVATIONS
(REFERENCE ONLY)

SHEET NUMBER:
D-3

NOTES:

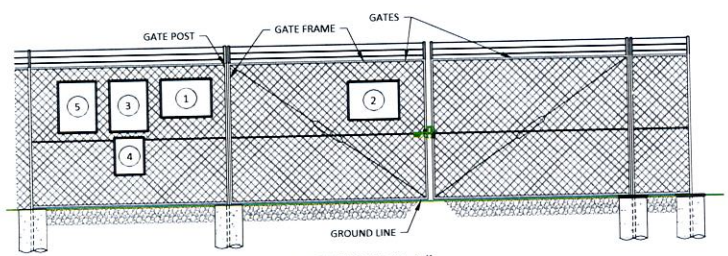
CAUTION - RFE SIGN (BLACK, YELLOW, WHITE) TO BE MOUNTED NEAR TOWER LEG W/CLIMBING CABLE. DO NOT RESTRICT CLIMBING ACCESS.

VERIZON WIRELESS SITE ID SIGN, RFE SIGNS, NOC INFORMATION SIGN AND ALL OTHER SIGNAGE NOT REFERENCED IN THIS DRAWING WILL BE FURNISHED AND INSTALLED BY VERIZON WIRELESS PERSONELL PER VERIZON WIRELESS RFC SIGNAGE & DEMARCATION POLICY.



TYPICAL SITE FENCE SIGNAGE PLAN

SCALE: N. T. S.



ELEVATION "A-A"

SCALE: N. T. S.

CROWN CASTLE WWW.CROWNCASTLE.COM
FOR LEASE INFORMATION: 877-486-9377
FOR EMERGENCY 24 HOUR SERVICE: 800-788-7011
CROWN BUSINESS UNIT NUMBER: 123456
SITE ADDRESS: STREET ADDRESS CITY, ST ZIP CODE
SITE NAME: SITE NAME
FCC TOWER REGISTRATION NO.: 1234567

RED BACKGROUND w/BLACK LETTERING
WHITE BACKGROUND w/BLACK LETTERING

MARKETING/ID SIGN (1)

24" WIDE X 18" HIGH

WARNING

- AUTHORIZED PERSONNEL ONLY
- HARD HATS REQUIRED
- WATCH FOR FALLING MATERIAL
- WATCH FOR TRIPPING HAZARDS
- WATCH FOR UNEVEN SURFACES
- IN THE EVENT OF A T-STORM, VACATE THE COMPOUND.

RED BACKGROUND w/BLACK LETTERING
WHITE BACKGROUND w/BLACK LETTERING

CONSTRUCTION AREA & TRIPPING HAZARDS SIGN (2)

24" WIDE x 18" HIGH

PRIVATE PROPERTY

NO TRESPASSING

VIOLATORS WILL BE PROSECUTED

RED BACKGROUND w/WHITE LETTERING
WHITE BACKGROUND w/RED LETTERING
RED BACKGROUND w/WHITE LETTERING

NO TRESPASSING SIGN (3)

18" WIDE x 24" HIGH

NOTICE

Radio frequency fields beyond this point may exceed the FCC general public exposure limit. Obey all posted signs and site guidelines for working in radio frequency environments.

BLUE BACKGROUND w/WHITE LETTERING
WHITE BACKGROUND w/BLACK LETTERING AND BLACK SYMBOL

RFE NOTICE SIGN (4)

12" WIDE x 18" HIGH

WARNING

THIS SITE IS POSTED & PROTECTED BY RAZOR WIRE

RED BACKGROUND W/WHITE LETTERING
WHITE BACKGROUND W/BLACK LETTERING

RAZOR-WIRE SIGN (5)

18" WIDE X 24" HIGH

POD
POWER OF DESIGN
11490 BLUEGRASS PARKWAY
LOUISVILLE, KY 40299
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POSEY COUNTY

CROWN CASTLE SITE BUN: 822095

VERIZON WIRELESS SITE NAME: EV MOUNT VERNON EAST

POD NUMBER: 15-6318
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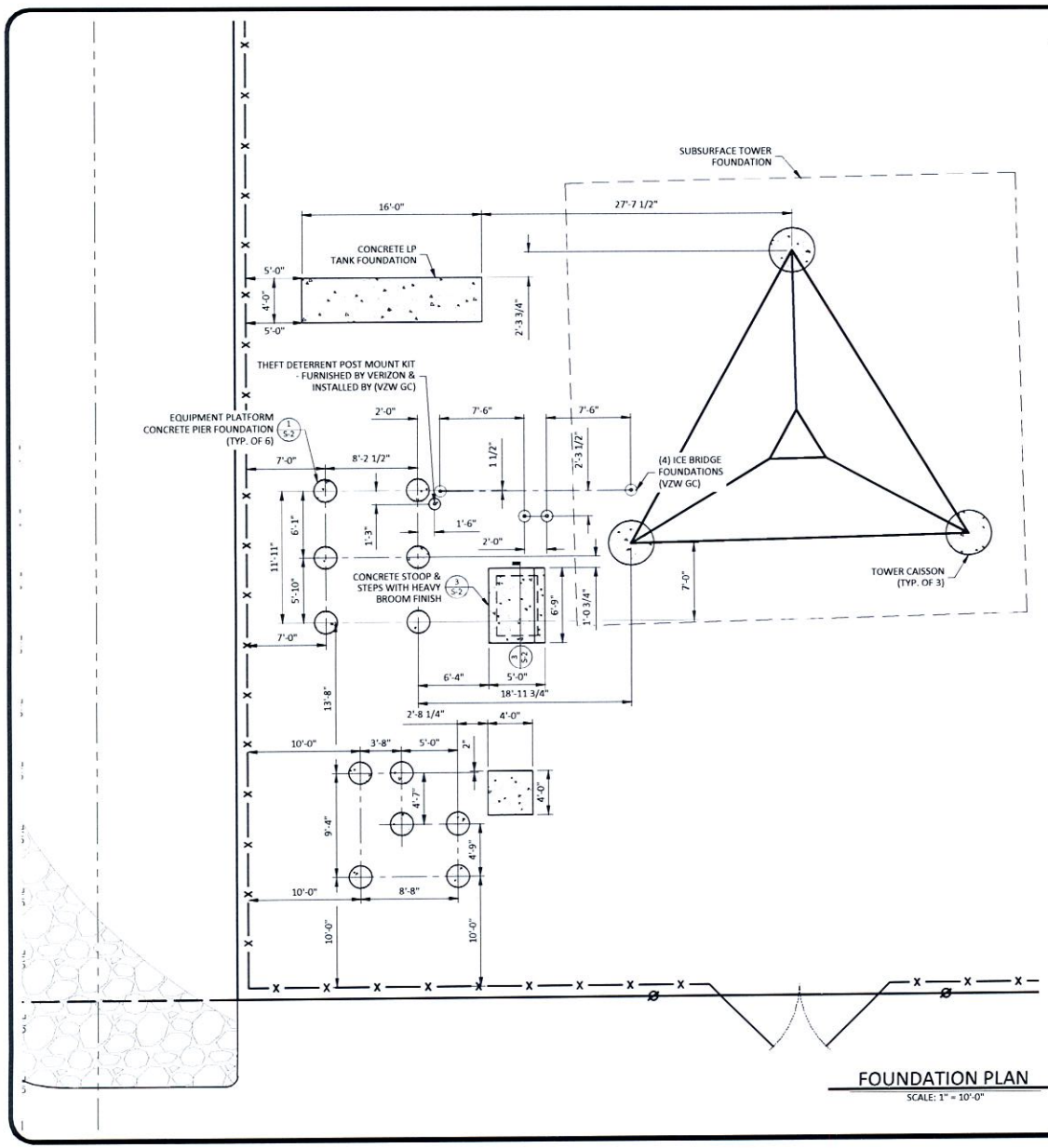
DATE: 09.8.16

SHEET TITLE:
SITE FENCE SIGNAGE
(REFERENCE ONLY)

SHEET NUMBER:
D-4



FOUNDATION PLAN

SCALE: 1" = 10'-0"

STRUCTURAL NOTES

1. PLATFORM SYSTEM DESIGN LOADINGS:

FLOOR LIVE LOAD	308 PSF
ROOF SNOW LOAD	60 PSF
DEAD LOADS	ACTUAL MATERIAL WEIGHTS
BASIC WIND SPEED	105 MPH
DESIGN CODES	INTERNATIONAL BUILDING CODE (IBC) 2012 MINIMUM DESIGN LOADS FOR BUILDINGS AND OTHER STRUCTURES ASCE7-10 OSHA REGULATIONS

2. STRUCTURAL STEEL:

PIPE	- ASTM A53 TYPE E OR S GRADE B, OR ASTM A501.
STRUCTURE FINISH	- AFTER FABRICATION ACCORDING TO ASTM A123.

3. BUILDING FOUNDATION SYSTEM:
THE SUBSURFACE REPORT WAS PROVIDED BY POWER OF DESIGN GROUP, LLC, DATED MARCH 8, 2016.

ALLOWABLE BEARING CAPACITY BLDG. FOOTINGS 2,500 PSF

ALL CONTRACTORS SHALL EXERCISE GREAT CARE DURING EXCAVATION. ALL CONTRACTORS SHALL PREDETERMINE UTILITY LOCATIONS AND NOTIFY THE ENGINEER IMMEDIATELY IF DEVIATION FROM PLANS EXIST.

THE SUBSURFACE REPORT IS NOT TO BE CONSIDERED AS A COMPLETE RECORD OF THE EXISTING CONDITIONS AT THE SITE. THE CONTRACTOR SHALL VERIFY ALL EXISTING SITE CONDITIONS, INCLUDING SUBSURFACE CONDITIONS. THE CONTRACTOR SHALL OBTAIN PERMISSION FROM THE OWNER PRIOR TO SITE ENTRY FOR THE PURPOSE OF CONDUCTING SOIL TESTING AND VERIFICATION OF EXISTING CONDITIONS.

FOUNDATION SUBGRADES SHALL BE HAND TRIMMED AND COMPACTED. ALL BACKFILL TO BE COMPACTED TO 95% MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D-1557.

4. CONCRETE WORK:
CONCRETE CYLINDERS SHALL BE TAKEN AND TESTED BY A QUALIFIED CONCRETE TESTING COMPANY. THE GENERAL CONTRACTOR SHALL PROVIDE ONE (1) CYLINDER SAMPLE TAKEN PER TRUCK OR FOUR (4) TOTAL FOR BUILDING FOUNDATION AND THE CONCRETE MUST MEET A 4" SLUMP. THE GENERAL CONTRACTOR SHALL PROVIDE THREE (3) COPIES OF TESTING RESULTS TO VERIZON WIRELESS AND TOWER OWNER CONSTRUCTION MANAGERS. FAILURE TO PROVIDE WRITTEN DOCUMENTATION WILL RESULT IN A DEDUCTION FROM THE CONTRACT. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ANY ADDITIONAL COSTS IN TESTING DUE TO DELAYS BY THE GENERAL CONTRACTOR OR HIS SUBCONTRACTORS. USE AIR ENTRAINMENT IN EXTERIOR SLABS.

SPECIFICATION	-LATEST EDITION OF ACI-318 AS ADOPTED BY THE STATE OF INDIANA	-BLDG. FOUNDATION F'c=4000 PSI @ 28 DAYS
MATERIALS	4" SLUMP -REINFORCING -ANCHOR BOLTS	 ASTM A615, GRADE 60 ASTM F1554 A36
REINFORCING COVERS	- FOOTINGS TOP 2" BOTTOM/SIDES 3"	

REINFORCING EMBEDMENT AND LAP SLICES (INCHES) FOR 4000 PSI CONCRETE

BAR SIZE	ANCHORAGE	SPLICE (OTHER)	ANCHORAGE (TOP)	SPLICE (TOP)
#4	12	25"	25"	33"

CHAMFER TOP CORNERS OF ALL FOUNDATIONS (3/4")

5. BURIED CABLE LOCATIONS INFORMATION:
CONTACT 48 HR. PRIOR TO DIGGING, GRADING, OR DRILLING 1-800-382-5544 OR 811

ADDITIONAL CONCRETE NOTES:

1. ALL CONCRETE CONSTRUCTION SHALL CONFORM TO ACI*96, "STANDARD SPECIFICATION FOR STRUCTURAL CONCRETE" AND ACI 305, 306 AND 307 UNLESS NOTED OTHERWISE.
2. ALL DETAILING, FABRICATION AND PLACING OF CONCRETE SHALL CONFORM TO ACI 318-11.
3. ALL CONCRETE EXPOSED TO WEATHER SHALL CONTAIN 6% (±1%) AIR ENTRAINMENT.
4. PROVIDE CORNER BARS AT ALL LOCATIONS WHERE REINFORCEMENT CHANGES DIRECTION.

NOTE:
VZW GC SHALL VERIFY FINAL LOCATION OF PLATFORM STAIRS WITH THE CONCRETE STOOP LOCATION. NOTIFY ENGINEER IF CONFLICT EXISTS

Indiana 811
Know what's below. Call before you dig.

NOTICE TO CONTRACTOR
PER INDIANA STATE LAW IC 8-1-26-18, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE FIVE (2) WORKING DAYS BEFORE COMMENCING WORK

POD
POWER OF DESIGN
11490 BLUEGRASS PARKWAY
LOUISVILLE, KY 40299
502-437-5252

CROWN CASTLE
10300 ORMSBY PARK PLACE
SUITE # 501
LOUISVILLE, KY 40223

PRELIMINARY NOT FOR CONSTRUCTION

CONSTRUCTION DRAWINGS

REV.	DATE	DESCRIPTION
A	9.14.16	ISSUED FOR REVIEW

SITE INFORMATION:
EV MOUNT VERNON EAST
INDIAN MOUNDS ROAD
VERNON, IN 47620
POSEY COUNTY

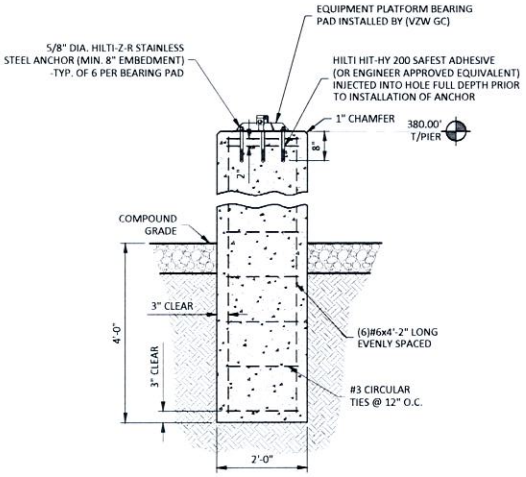
CROWN CASTLE SITE BUN:
822095

VERIZON WIRELESS SITE NAME:
EV MOUNT VERNON EAST

POD NUMBER:	15-6218
DRAWN BY:	POD
CHECKED BY:	MEP
DATE:	09.8.16

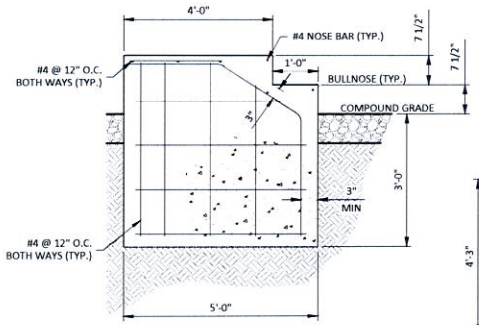
SHEET TITLE:
FOUNDATION PLAN AND STRUCTURAL NOTES

SHEET NUMBER:
S-1



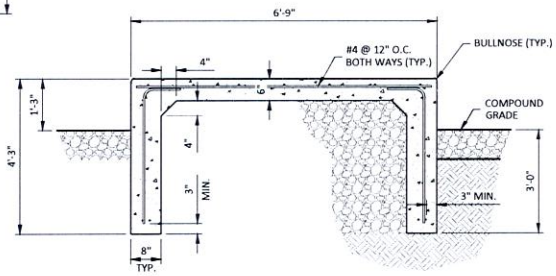
PLATFORM FOUNDATION DETAIL (1 / S-2)

SCALE: N.T.S.



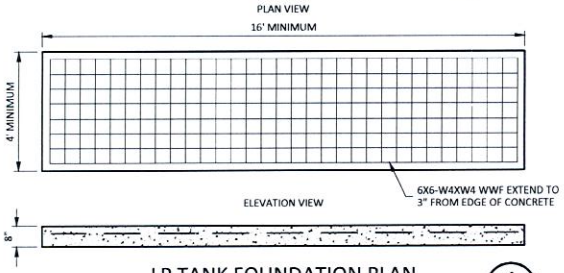
CONCRETE STOOP DETAIL (2 / S-2)

SCALE: N.T.S.



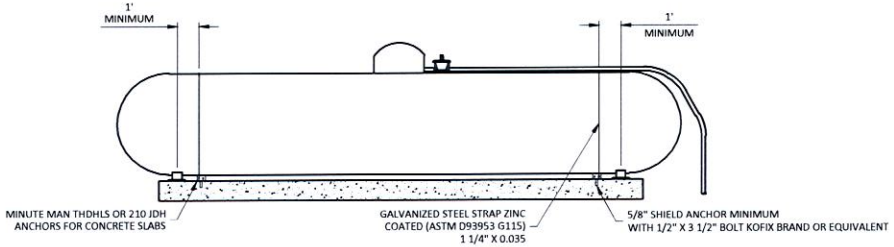
CONCRETE STOOP SECTION (3 / S-2)

SCALE: N.T.S.



LP TANK FOUNDATION PLAN (4 / S-2)

SCALE: N.T.S.



PROPANE TANK DETAIL (5 / S-2)

SCALE: N.T.S.

NOTES:

1. CONTRACTOR TO PROVIDE & INSTALL A 1,000 GALLON LP TANK PER ASME & N.F.P.A. 58 (MOST CURRENT EDITIONS).
2. DESIGN CODE: ASME BOILER AND PRESSURE VESSEL CODE, SECTION VIII, DIVISION I, MOST CURRENT EDITION AND ADDENDUMS
3. DESIGN STANDARDS: N.F.P.A. 58 LP GAS CODE

   DESIGN CONDITIONS: WATER CAPACITY = 1,00 GALLONS
   ALLOWABLE WORKING PRESSURE(PSIG) = 250
   HYDROSTATIC TEST PRESSURE(PSIG) = 325
4. WIRELESS LPG FUEL MONITORING SYSTEM TO BE PROVIDED BY VERIZON WIRELESS AND INSTALLED BY CONTRACTOR. CONTRACTOR TO INSTALL SO THAT UNIT HAS A DIRECT VIEW TO THE LPG TANK.
5. TANK SHALL BE EQUIPPED WITH ROCHESTER WIRELESS REMOTE READY GAUGE WITH REED SWITCH MODULE (OR EQUIVALENT).
6. AFTER TANK INSTALLATION THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INITIAL FUELING.
7. CONTRACTOR SHALL INSTALL A MANUAL SHUT-OFF VALVE. TANK LID SHALL BE SIZED APPROPRIATELY TO ACCOMMODATE ADDITION OF SHUT-OFF VALVE. SHUT-OFF VALVE SHALL MEET THE CODE REQUIREMENTS OF NFPA 58.11.15.2.3.
8. INSTALLATION MUST MEET OR EXCEED REQUIREMENTS OF NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) NFPA 58: LIQUEFIED PETROLEUM GAS CODE (LATEST EDITION).
9. LINE PRESSURE REGULATORS MUST BE INSTALLED IN ACCORDANCE WITH NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) NFPA 54: NATIONAL FUEL GAS CODE (LATEST EDITION).
10. HORIZONTAL PORTION OF RISER SHALL BE BURIED A MINIMUM OF 12" DEEP BELOW GRADE, AND THE CASING MATERIAL USED FOR THE RISERS SHALL BE PROTECTED AGAINST CORROSION.
11. FACTORY-ASSEMBLED RISERS SHALL BE SEALED AND LEAK TESTED BY THE MANUFACTURER. FIELD-ASSEMBLED RISERS SHALL BE SUPPLIED ONLY IN KIT FORM WITH ALL NECESSARY HARDWARE FOR INSTALLATION.

POD
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LOUISVILLE, KY 40223

PRELIMINARY NOT FOR CONSTRUCTION

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A	9.14.16	ISSUED FOR REVIEW

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INDIAN MOUNDS ROAD
VERNON, IN 47620
POSEY COUNTY

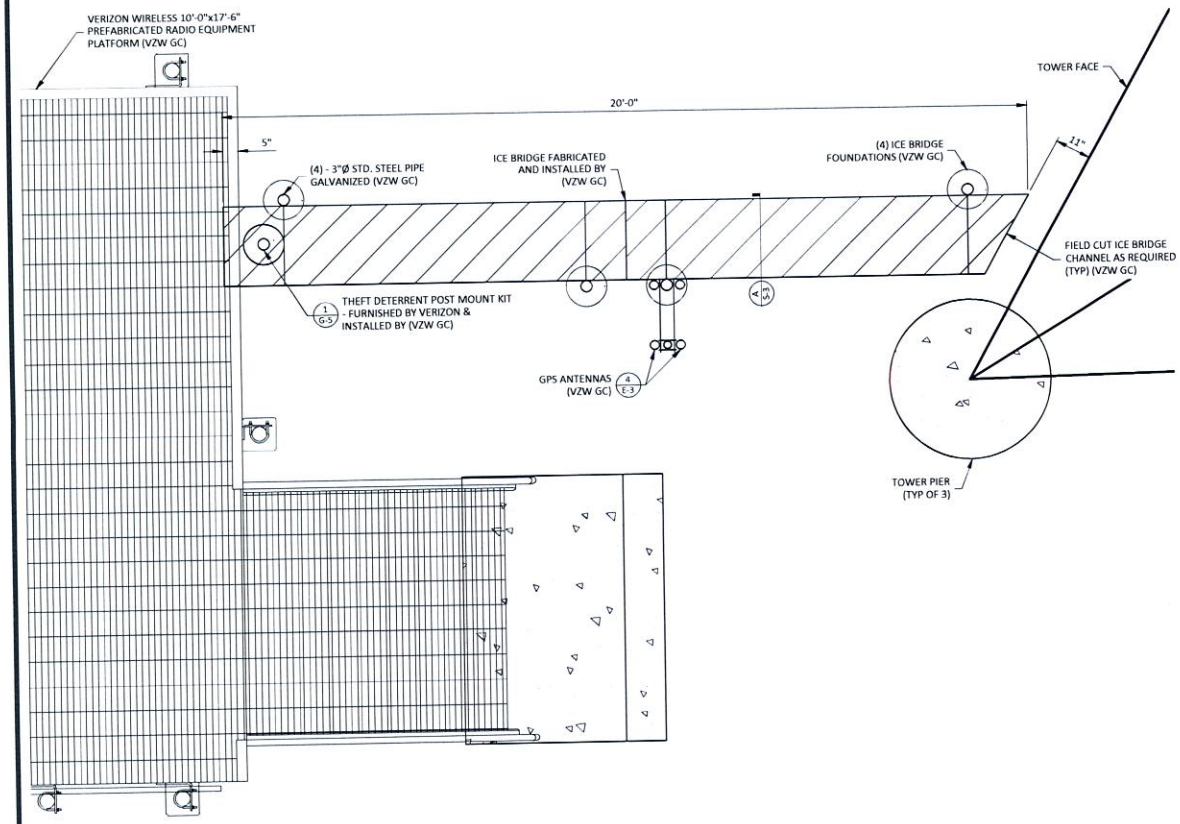
CROWN CASTLE SITE BUN:
822095

VERIZON WIRELESS SITE NAME:
EV MOUNT VERNON EAST

POD NUMBER: 15-6318
DRAWN BY: POD
CHECKED BY: MEP
DATE: 09.8.16

SHEET TITLE:
FOUNDATION DETAILS

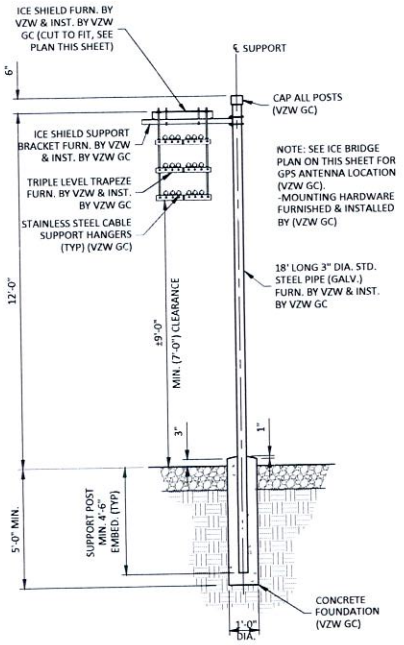
SHEET NUMBER:
S-2



ICE BRIDGE PLAN

SCALE: 1" = 3'-0"

N



ICE BRIDGE SECTION

SCALE: N. T. S.

A S-3

POD
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11490 BLUEGRASS PARKWAY
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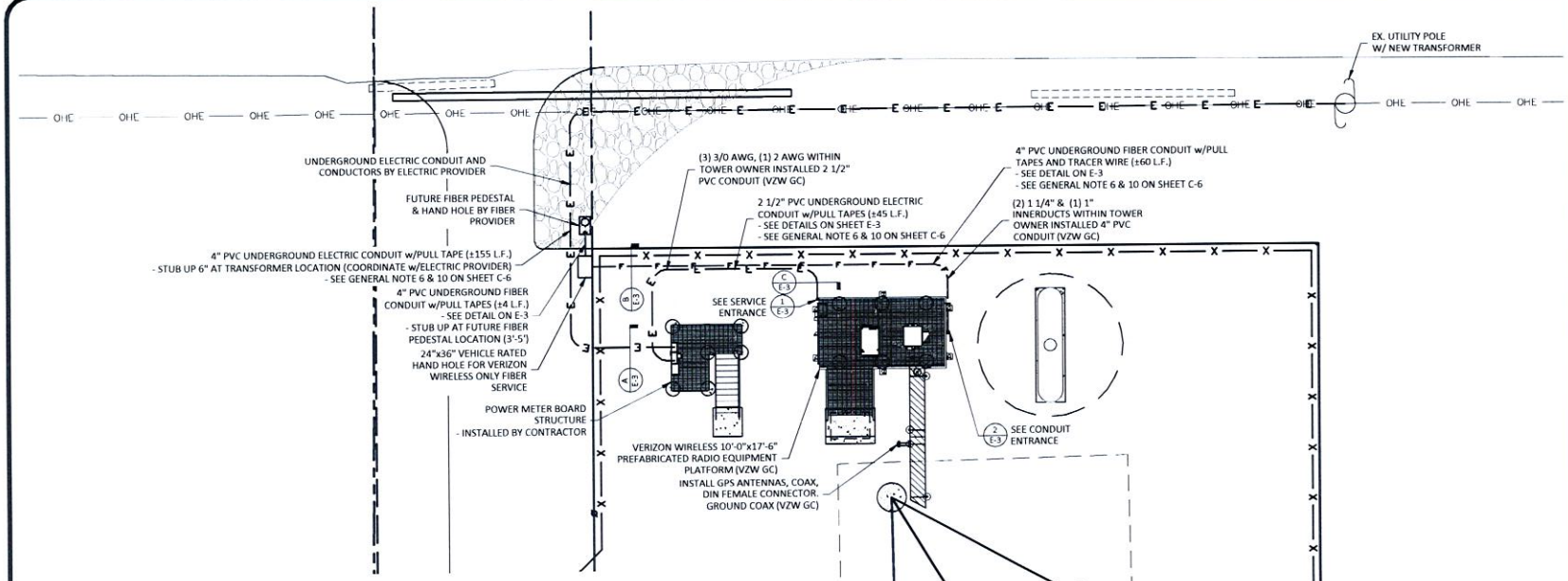
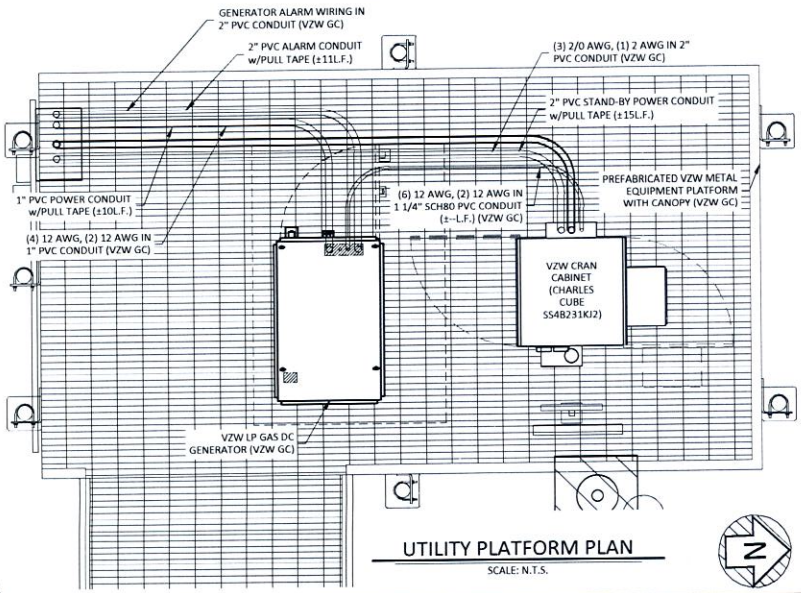
ICE BRIDGE DETAILS

SHEET NUMBER:
S-3





UTILITY PLATFORM PLAN

SCALE: N.T.S.

UTILITY SITE PLAN

SCALE: N.T.S.

ELECTRICAL NOTES:

1. PROVIDE 6'-0" MAX. LIQUIDTIGHT FLEXIBLE METAL CONDUIT AT ALL EQUIPMENT AND GENERATOR CONNECTIONS.
2. ALL CONDUIT SHALL BE ROUTED WITHIN 2'-0" OF PERIMETER COMPOUND FENCE WHERE APPLICABLE.
3. CONDUIT TRENCH WIDTH SHALL NOT EXCEED 18" AT ALL ACCESS DRIVE LOCATIONS AND WHEN CROSSING THE COMPOUND GATE OPENING.
4. ALL CONDUIT RACEWAYS BETWEEN CABINETS ABOVE PLATFORM GRATING SHALL BE 2" DIAMETER IMC WITH WEATHERPROOF FITTINGS.

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POD NUMBER: 15-6318
DRAWN BY: POD
CHECKED BY: MEP
DATE: 09.8.16

SHEET TITLE:
UTILITY SITE PLAN

SHEET NUMBER:
E-1

VERIZON PANEL "ILC" SCHEDULE

MAIN: 200/2 VOLTAGE: 120/240 PHASE: 1 WIRE: 3

TO AUTOMATIC TRANSFER SWITCH — 200A

DESCRIPTION	BRKR.	WATTS					WATTS	BRKR.	DESCRIPTION
RECTIFIER #1	20/2	1800 / 1800	1			2	1800 / 1800	20/2	RECTIFIER #2
			3			4			
RECTIFIER #3	20/2	1800 / 1800	5			6	1800 / 1800	20/2	RECTIFIER #4
			7			8			
RECTIFIER #5	20/2	1800 / 1800	9			10	1800 / 1800	20/2	RECTIFIER #6
			11			12			
RECTIFIER #7	20/2	1800 / 1800	13			14	1800 / 1800	20/2	RECTIFIER #6
			15			16			
SPACE			17			18			SPACE
SPACE			19			20			SPACE
SPACE			21			22			SPACE
SPACE			23			24			SPACE
SPACE			25			26			SPACE
SPACE			27			28			SPACE
SPACE			29			30			SPACE
SPACE			31			32			SPACE
SPACE			33			34	180	15/1	GFCI RECEPTACLE
GEN. BLOCK HEATER	20/1	1500	35			36	250	20/1	GEN. BATTERY CHARGER

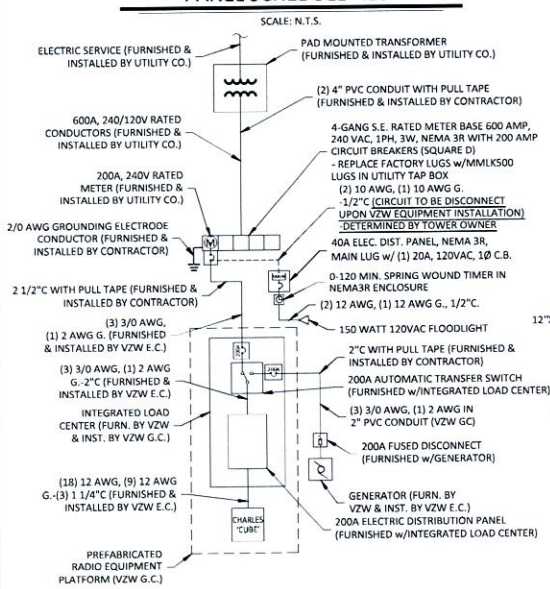
SURGE ARRESTOR

SURFACE MOUNTED NEMA 3R w/DOOR
22K AIC BREAKERS
(E.C. SHALL VERIFY AIC RATINGS W/LOCAL POWER CO.)

NON-CONTINUOUS LOAD = 0.00 KW, 00.00 AMPS
CONTINUOUS LOAD = 30.73 KW X 1.25 = 38.41 KW, 160.05 AMPS
TOTAL CONNECTED LOAD = 38.41 KW, 160.05 AMPS

PANEL SCHEDULE "ILC"

SCALE: N.T.S.



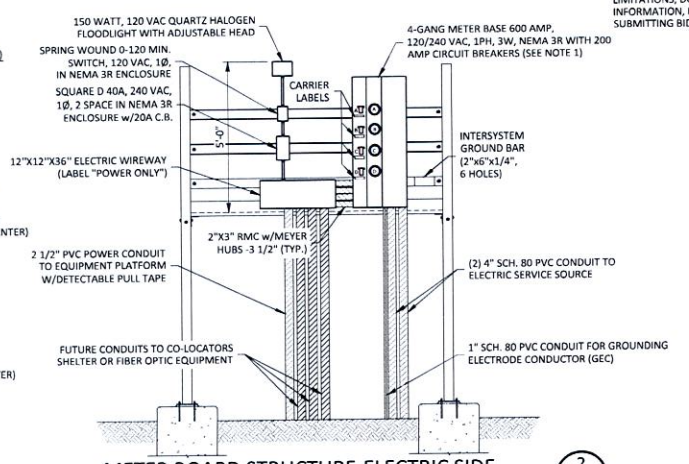
ONE LINE DIAGRAM

SCALE: N.T.S.

1 / E-2

GENERAL ELECTRICAL NOTES

1. UNLESS NOTED AS VERIZON WIRELESS GENERAL CONTRACTOR OR VZW GC, ALL WORK ITEMS ON ELECTRICAL "E" & GROUNDING "G" SHEETS SHALL BE PERFORMED BY THE GENERAL CONTRACTOR'S ELECTRICAL CONTRACTOR. ALL WORK SHOWN AS NEW UNLESS NOTED EXISTING.
2. THE GENERAL CONTRACTOR AND VERIZON WIRELESS ELECTRICAL CONTRACTORS SHALL BE LICENSED TO PERFORM WORK IN THE COUNTY OF THIS PROJECT AND SHALL BE RESPONSIBLE FOR OBTAINING AN ELECTRICAL PERMIT FROM THE COUNTY.
3. UNDERGROUND CONDUIT SHALL BE SCH. 40 PVC PLASTIC DUCT WITH ALL BENDS MINIMUM 24" RADIUS 90° SWEEP SCH. 80 UNLESS OTHERWISE NOTED ON DRAWINGS. ELECTRICAL AND FIBER UTILITY LATERAL CONDUITS SHALL BE MINIMUM 36" RADIUS 90° SWEEP SCH. 80. ALL PVC SCH80 PIPING AND FITTINGS SHALL USE BELL END WHERE FEASIBLE.
4. ALL WORK SHALL BE IN ACCORDANCE WITH N.F.P.A. AND N.E.C. CODES, NEMA STANDARDS AND ALL LOCAL CODES.
5. PRIOR TO TRENCHING AND FOR COORDINATING OF THE FIBER AND ELECTRICAL SERVICES, SEE SHEET C-6 GENERAL NOTE #6 FOR UTILITY CONTACT NAMES & PHONE NUMBERS.
6. ABOVE GRADE RISER CONDUIT SHALL BE RIGID SCH. 80 PVC WITH MATCHING FITTINGS UNLESS NOTED OTHERWISE.
7. ALL WIRE SHALL BE COPPER, 600V THHN-2/THWN-2 OR XHHW-2 90°C UNLESS NOTED OTHERWISE.
8. ALL ELECTRICAL CONTRACTORS SHALL ABIDE BY ALL GUIDELINES REQUIRED BY TOWER OWNER AND VERIZON WIRELESS, INCLUDING BUT NOT LIMITED TO, a) STAGE CONSTRUCTION AND REPORT WHEN ON AND OFF THE SITE. b) PROVIDE LOG BOOK RECORDS OF PERSONNEL ON TOWER. c) PROVIDE R.F. MONITORING DEVICES TO TOWER PERSONNEL. d) VERIZON WIRELESS TO INSPECT ALL TRENCHING BEFORE BACKFILLING.
9. THE ELECTRICAL CONTRACTOR SHALL INSTALL ALL UNDERGROUND CONDUITS SHOWN ON PLANS UNLESS NOTED OTHERWISE. ALL UNDERGROUND CONDUIT SHALL BE STUBBED-UP AND CAPPED AT THE LOCATION INDICATED ON PLANS. VZW CONTRACTOR SHALL COMPLETE ALL CONDUIT TERMINATIONS TO VZW ENCLOSURES.
10. THE VZW ELECTRICAL CONTRACTOR SHALL VERIFY ELECTRICAL SERVICE REQUIRED - 120/240V, SINGLE PHASE, 200 AMP BEFORE ROUGH IN.
11. GENERAL CONTRACTOR AND VZW ELECTRICAL CONTRACTORS SHALL PROVIDE FIRE WATCH DURING ALL WELDING OPERATIONS. TWO (2) HAND HELD 30 LB. FIRE EXTINGUISHERS & ADEQUATE WATER SUPPLY SHALL BE APPROVED BY THE CLIENT AND THE TOWNSHIP WATER AUTHORITY.
12. SEAL ALL PENETRATIONS WITH SILICONE SEALANT.
13. ELECTRICAL WORK PRESENTS SPECIFIC THREATS TO THE HEALTH AND SAFETY OF WORKERS ON SITE. SPECIFICALLY ELECTROCUTIONS ARE THE FOURTH LEADING CAUSE OF DEATH ON CONSTRUCTION SITES. ALL ELECTRICAL WORKERS SHALL HAVE CURRENT CERTIFICATIONS WHICH SATISFY ALL TRAINING REQUIREMENTS FOR THE ELECTRICAL WORK THEY ARE PERFORMING PER OSHA STANDARDS. ALL ELECTRICAL WORKERS SHALL ADHERE TO ALL SAFETY RULES AND REGULATIONS FOR WORKER AND PUBLIC SAFETY. ALL WORK SHALL BE PERFORMED BY QUALIFIED ELECTRICIANS TRAINED FOR THE TYPE OF WORK AND THE VOLTAGES PRESENT FOR EACH TASK. THE CONTRACTOR SHALL REVIEW ALL LANDOWNER, PRIME CONTRACTOR, CARRIER, OSHA, NFPA 70, AND LOCAL SAFETY GUIDELINES AND AT ALL TIMES SHALL CONFORM TO THE MOST RESTRICTIVE OF THESE STANDARDS TO ENSURE A SAFE WORKPLACE.
14. CONNECT NEUTRAL TERMINAL IN SERVICE DISCONNECTING DEVICE TO GROUNDING ELECTRODE. (2/0 AWG TINNED STRANDED COPPER GROUNDING ELECTRODE CONDUCTOR IN 1" PVC CONDUIT). CONNECT FIRST GROUNDING ELECTRODE TO SECOND GROUNDING ELECTRODE WITH 2/0 AWG TINNED STRANDED COPPER CONDUCTOR EXOTHERMICALLY WELDED TO ELECTRODES.
15. VZW E.C. SHALL VERIFY SUFFICIENT CAPACITY EXISTS AT EXISTING METER CENTER. NOTIFY ENGINEER IMMEDIATELY IF SERVICE IS NOT ADEQUATE.
16. REFER TO ELECTRICAL SITE PLAN FOR CONDUIT AND WIRE REQUIREMENTS.
17. ALL ELECTRICAL EQUIPMENT PLACARDS MUST BE ENGRAVED PLASTIC LABELS ONLY, NO P-TOUCH LABELS ARE TO BE USED. PLACARDS SHALL BE 1 1/2" x 5" IN SIZE AND PERMANENTLY AFFIXED TO THE ENCLOSURES EASILY VISIBLE LOCATIONS.
18. VERIZON WIRELESS ELECTRICAL PLACARD REQUIREMENTS:
    - 18.a. AVAILABLE FAULT CURRENT RATING FROM UTILITY PROVIDER WITH DATE.
    - 18.b. VERIZON WIRELESS SERVICE DISCONNECT AT METER BASE.
    - 18.c. VERIZON MAIN BREAKER AT INTEGRATED LOAD CENTER 'ILC'.
    - 18.d. GENERATOR NEUTRAL CONDUCTOR BONDED TO SERVICE GROUNDING ELECTRODE IN THIS ENCLOSURE AT METER CENTER AND INTEGRATED LOAD CENTER "ILC" NEUTRAL BAR.
    - 18.e. VERIZON WIRELESS GENERATOR
    - 18.f. 'VERIZON WIRELESS FIBER ONLY' AT ALL VERIZON WIRELESS FIBER HANDHOLES FASTENED TO LID.
19. ALL EQUIPMENT SHALL BE GROUNDED PER LATEST EDITION OF NEC AND AS INDICATED ON GROUNDING PLAN.
20. ELECTRICAL EQUIPMENT SHALL BE MIN 3'-0" FROM ANY STRUCTURE AND AS REQUIRED BY LOCAL UTILITY COMPANIES.
21. 2 AWG BARE SOLID TINNED COPPER WIRE LEADS FROM NEW H-FRAME STRUCTURE TO BE BONDED TO EXISTING GROUNDING SYSTEM (TYP)
22. ALL METALLIC CABINETS & ENCLOSURES MUST BE GROUNDED WITH 2 AWG TO GROUND RING.
23. ALL ABOVE GRADE GROUND VZW CONNECTIONS SHALL BE IN 1/2" FLEXIBLE METAL CONDUIT CRIMPED AT 6" INTERVALS TO COPPER GROUND LEADS. ALL OTHER LEADS SHALL BE IN 1/2" PVC CONDUIT.
24. ALL HARDWARE USED MUST BE GALVANIZED OR STAINLESS STEEL, NO ZINC OR OTHER MATERIAL IS TO BE USED.
25. VERIZON WIRELESS FURNISH & INSTALL ALL INNER CONNECTING CONDUITS BETWEEN CABINETS AND LAND ALL AC POWER TO VZW EQUIPMENT.
26. ALL CONDUIT RUNS SHALL HAVE A CONTINUOUS SLOPE DOWNWARD AND AWAY FROM THE METERBOARD SO THAT WATER WILL NOT FLOW FROM THE EQUIPMENT. TRENCHES SHALL BE EXCAVATED ALONG STRAIGHT LINES BEFORE CONDUIT ARE INSTALLED SO THE ELEVATION CAN BE ADJUSTED, IF NECESSARY, TO AVOID UNSEEN OBSTACLES.
27. PRIOR TO THE SUBMISSION OF BIDS, THE GENERAL CONTRACTOR AND HIS SUBCONTRACTORS SHALL VERIFY ALL DETAILS AND SCHEDULES ON THE DRAWINGS AND SPECIFICATIONS PROVIDED BY THE OWNER, FOR MEANING OF ABBREVIATIONS AND ADDITIONAL REQUIREMENTS AND INFORMATION, CHECK STRUCTURAL AND OTHER MECHANICAL AND ELECTRICAL DRAWINGS FOR SCALE, SPACE LIMITATIONS, DOOR SWINGS, ADJACENT CARRIER EQUIPMENT COORDINATION AND ADDITIONAL INFORMATION, ETC. REPORT ANY DISCREPANCIES, CONFLICTS, ETC. TO THE OWNER BEFORE SUBMITTING BIDS.



METER BOARD STRUCTURE-ELECTRIC SIDE

SCALE: N. T. S.

2 / E-2

POD
POWER OF DESIGN
11490 BLUEGRASS PARKWAY
LOUISVILLE, KY 40299
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VERNON, IN 47620
POSEY COUNTY

CROWN CASTLE SITE BUN:
822095

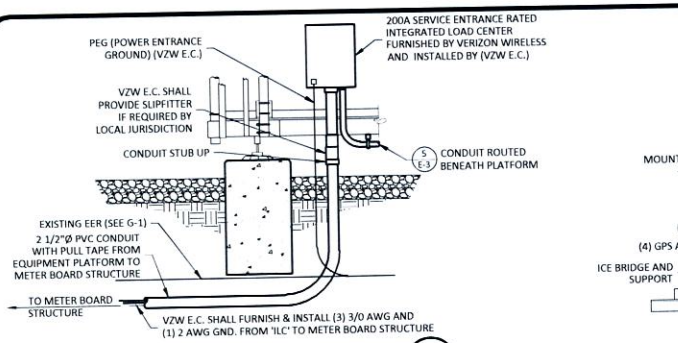
VERIZON WIRELESS SITE NAME:
EV MOUNT VERNON EAST

POD NUMBER: 15-6318

DRAWN BY: POD
CHECKED BY: MEP
DATE: 09.8.16

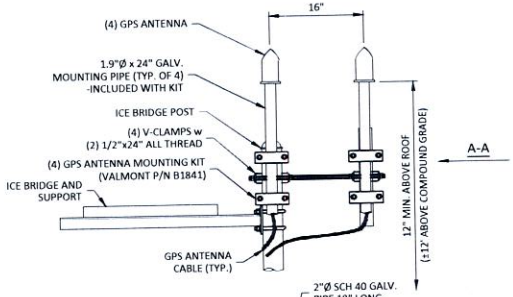
SHEET TITLE:
ONE LINE DIAGRAM, ELECTRICAL NOTES AND DETAILS

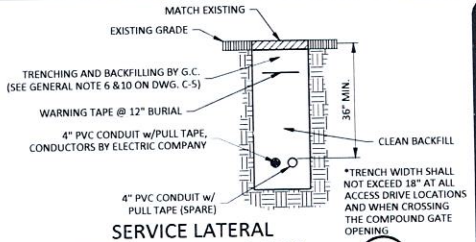
SHEET NUMBER:
E-2



SERVICE ENTRANCE DETAIL 1 E-3

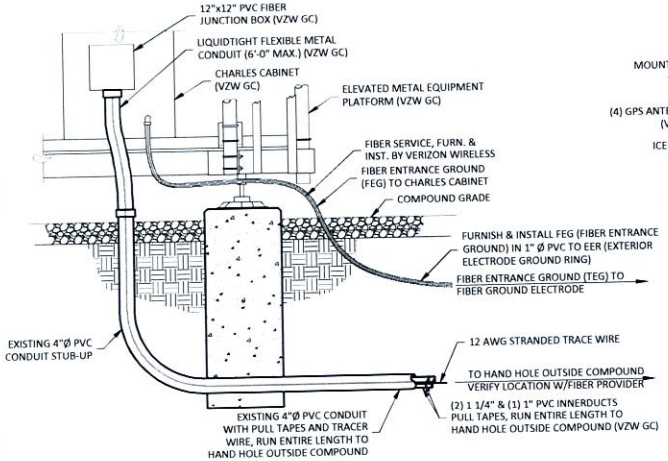
SCALE: N.T.S.





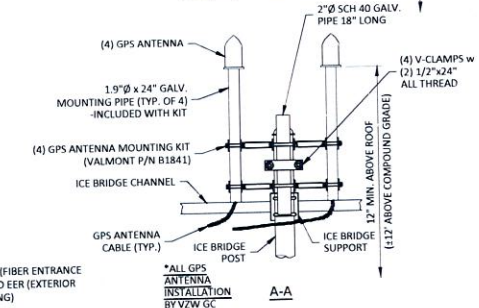
SERVICE LATERAL TRENCH SECTION DETAIL A E-3

SCALE: N.T.S.



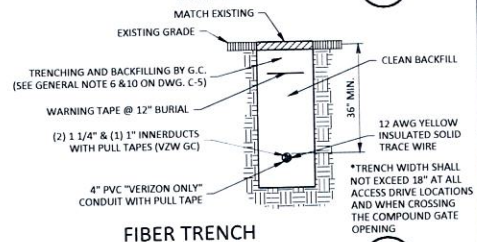
FIBER CONDUIT ENTRANCE DETAIL 2 E-3

SCALE: N.T.S.



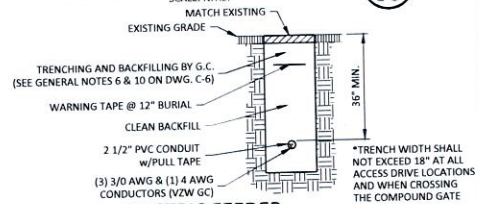
GPS MOUNT DETAIL 3 E-3

SCALE: N.T.S. (BY VZW GC)



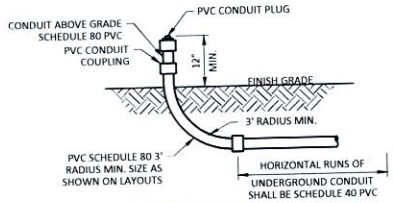
FIBER TRENCH SECTION DETAIL B E-3

SCALE: N.T.S.



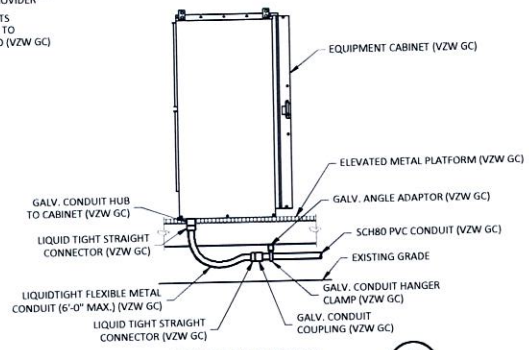
ELECTRIC FEEDER TRENCH SECTION DETAIL C E-3

SCALE: N.T.S.



UNDERGROUND CONDUIT STUB-UP DETAIL 4 E-3

SCALE: N. T. S.



CONDUIT DETAIL 5 E-3

SCALE: N.T.S. (BY VZW GC)

POD
POWER OF DESIGN
11490 BLUEGRASS PARKWAY
LOUISVILLE, KY 40299
502-437-5252

CROWN CASTLE
10300 ORMSBY PARK PLACE
SUITE # 501
LOUISVILLE, KY 40223

PRELIMINARY NOT FOR CONSTRUCTION

CONSTRUCTION DRAWINGS

REV.	DATE	DESCRIPTION
A	9.14.16	ISSUED FOR REVIEW

SITE INFORMATION:
EV MOUNT VERNON EAST
INDIAN MOUNDS ROAD
VERNON, IN 47620
POSEY COUNTY

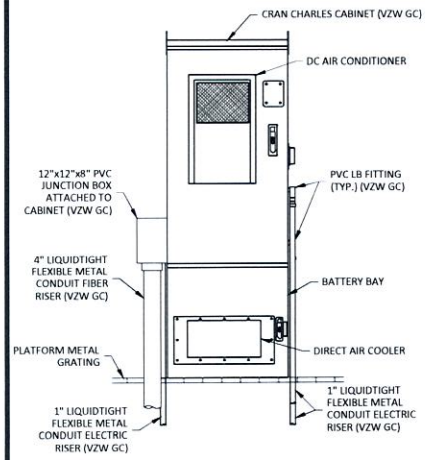
CROWN CASTLE SITE BUN:
822095

VERIZON WIRELESS SITE NAME:
EV MOUNT VERNON EAST

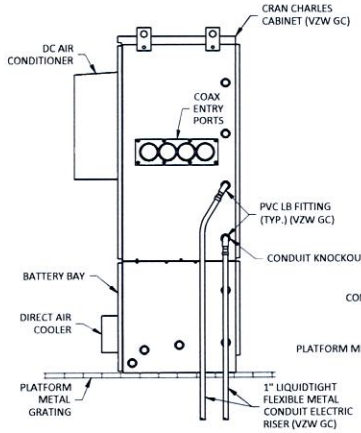
POD NUMBER: 15-6318
DRAWN BY: POD
CHECKED BY: MEP
DATE: 09.8.16

SHEET TITLE:
ELECTRICAL DETAILS

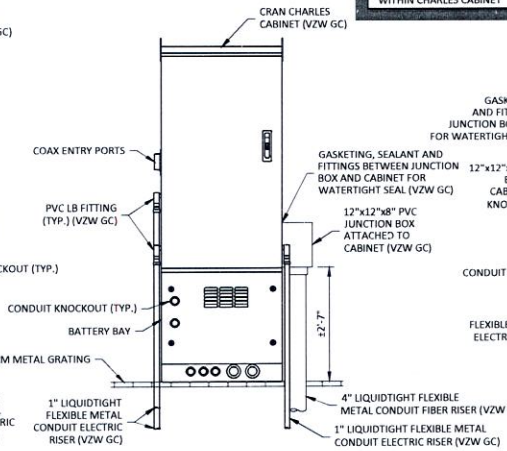
SHEET NUMBER:
E-3



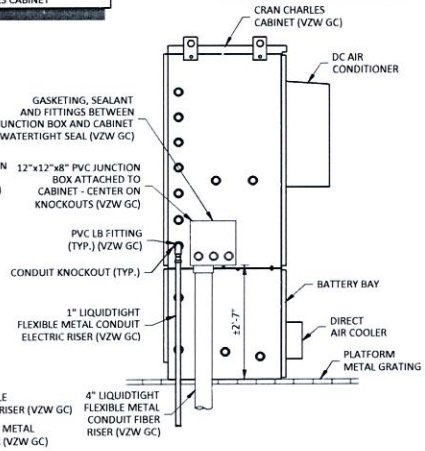
FRONT ELEVATION 1 E-4
SCALE: N.T.S.



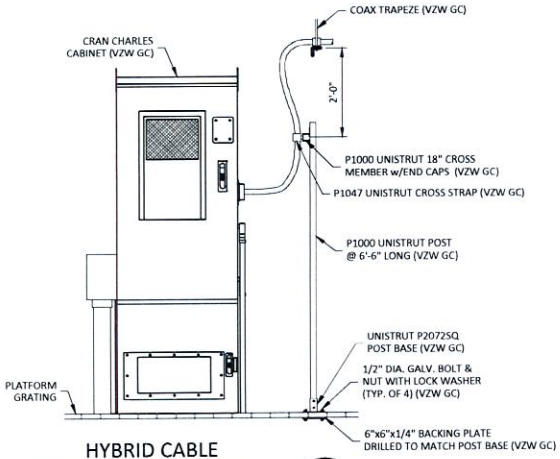
RIGHT ELEVATION 2 E-4
SCALE: N.T.S.



REAR ELEVATION 3 E-4
SCALE: N.T.S.



LEFT ELEVATION 4 E-4
SCALE: N.T.S.



HYBRID CABLE MANAGEMENT SUPPORT 5 E-4
SCALE: N.T.S.

NOTE:
VERIFY INTERIOR EQUIPMENT LOCATION PRIOR TO JUNCTION BOX FASTENER INSTALLATION. NO SHARP FASTENER EDGES PERMITTED WITHIN CHARLES CABINET

NOTE:
FIBER OPTIC INNERDUCTS SHALL TERMINATE INSIDE CHARLES CABINET ONLY

POD
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LOUISVILLE, KY 40223

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VERNON, IN 47620
POSEY COUNTY

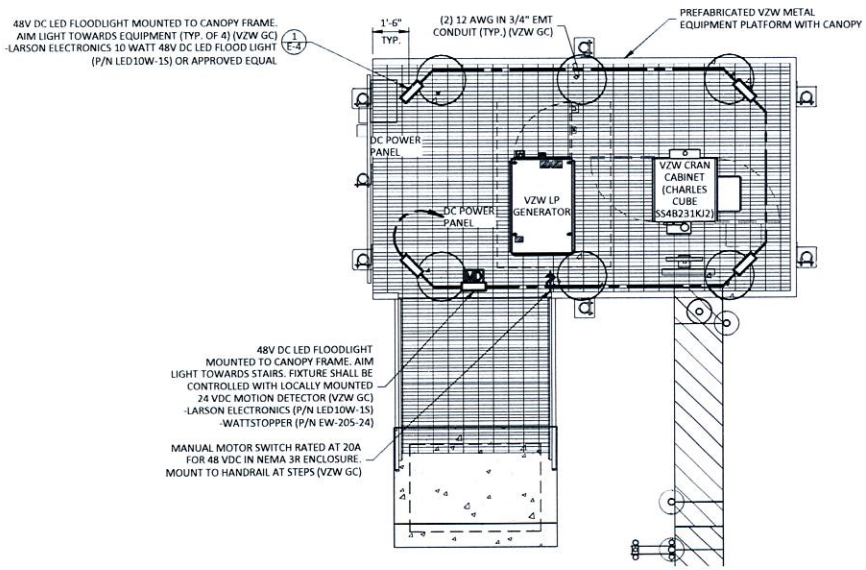
CROWN CASTLE SITE BUN:
822095

VERIZON WIRELESS SITE NAME:
EV MOUNT VERNON EAST

POD NUMBER: 15-6318
DRAWN BY: POD
CHECKED BY: MEP
DATE: 09.8.16

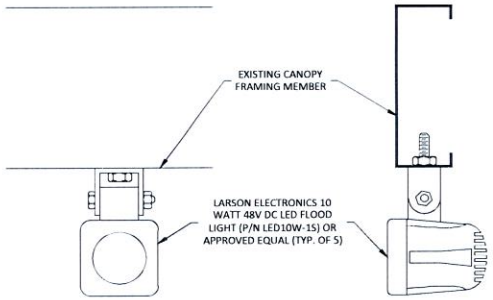
SHEET TITLE:
EQUIPMENT CABINET ELEVATIONS

SHEET NUMBER:
E-4



PLATFORM LIGHTING PLAN

SCALE: 1" = 5'-0"



PLATFORM FLOODLIGHT MOUNTING DETAIL

SCALE: N.T.S.
(BY VZW GC)

1
E-4

0' 5' 10'
1" = 5'

POD
POWER OF DESIGN
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LOUISVILLE, KY 40299
502-437-5252

CROWN CASTLE

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SUITE # 501
LOUISVILLE, KY 40223

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REV.	DATE	DESCRIPTION
A	9.14.16	ISSUED FOR REVIEW

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VERNON, IN 47620
POSEY COUNTY

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822095

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EV MOUNT VERNON EAST

POD NUMBER: 15-6318

DRAWN BY: POD
CHECKED BY: MEP
DATE: 09.8.16

SHEET TITLE:
PLATFORM LIGHTING PLAN AND DETAILS

SHEET NUMBER:
E-5