

1. Historic District Commission Regular Meeting

Documents:

00-HDC AGENDA 12-8-2020.PDF
01-214 N GROVE.PDF
02-322 E FOREST.PDF
03-301 W MICHIGAN.PDF
04-401 N ADAMS.PDF
05-293 OLIVE.PDF
06-9 N RIVER.PDF
07-HDC CALENDAR OF MEETINGS 2021.PDF
08-HISTORIC DISTRICT 11-24-2020 FULL MINUTES.PDF
HDC FULL PACKET 12-8-2020.PDF
PUBLIC NOTICE- DECEMBER 8 2020 HDC VIRTUAL MEETING.PDF

CITY OF YPSILANTI
Agenda
Historic District Commission
Tuesday, December 8, 2020 - 7:00 p.m.
Remote Meeting via Zoom

The Ypsilanti Historic District Commission works to safeguard Ypsilanti's built heritage by guiding development and renovation within the Historic District. Enabled by federal, state, and local legislation, the HDC seeks to stabilize and improve property values, to promote preservation education, and to develop the Ypsilanti Historic District as a vital living area.

An audio recording of the meeting will be made for the purpose of assisting in the preparation of official minutes only. Once the official minutes are approved the audio recording will be destroyed.

I. CALL TO ORDER AND ROLL CALL

Alex Pettit, Chair	P	A
Anne Stevenson, Vice Chair	P	A
Erika Lindsay	P	A
Ron Rupert	P	A
Amy Swift	P	A
James Chesnut	P	A
VACANT		

II. APPROVAL OF AGENDA

III. PUBLIC COMMENTS ON AGENDA ITEMS

IV. PUBLIC HEARING—none

V. BUSINESS SESSION

A. OLD BUSINESS—none

B. NEW BUSINESS

1. 214 N Grove	New windows and siding
2. 322 E Forest	New garage
3. 301 W Michigan	Small cell communication
4. 401 N Adams (302 W Cross)	Small cell communication
5. 293 Olive (430 N Adams)	Small cell communication

C. STUDY ITEMS—none

D. ADMINISTRATIVE APPROVALS

1. 9 N River New Roof

E. OTHER BUSINESS

1. Property monitoring
2. Updates from staff
3. Commissioner comments

VI. AUDIENCE PARTICIPATION ON NON-AGENDA ITEMS

VII. HOUSEKEEPING BUSINESS

1. Approval of 2021 Meeting Calendar
2. Approval of meeting minutes November 24, 2020

VIII. ADJOURNMENT

Secretary of the Interior's Standards for the Rehabilitation of Historic Structures

Developed by the U.S. Department of the Interior, the Standards provide a framework that guides protective decisions regarding historic structures. The Historic District Commission is required to cite applicable Standards with each formal decision it renders. It may also cite HDC Fact Sheets as part of its decision-making process.

1. Use property for original purpose or provide compatible use with minimal alteration.

A property will be used as it was historically or be given a new use that requires minimal change to its distinctive materials, features, spaces, and spatial relationships.

2. Do not destroy original character. Do not remove or alter historic material or features.

The historic character of a property will be retained and preserved. The removal of distinctive materials or alteration of features, spaces, and spatial relationships that characterize a property will be avoided.

3. Do not imitate earlier styles.

Each property will be recognized as a physical record of its time, place, and use. Changes that create a false sense of historical development, such as adding conjectural features or elements from other historic properties, will not be undertaken.

4. Preserve significant changes acquired over time.

Changes to a property that have acquired historic significance in their own right will be retained and preserved.

5. Preserve distinctive features.

Distinctive materials, features, finishes, and construction techniques or examples of craftsmanship that characterize a property will be preserved.

6. Repair, don't replace. Replacements shall match original.

Deteriorated historic features will be repaired rather than replaced. Where the severity of deterioration requires replacement of a distinctive feature, the new feature will match the old in design, color, texture, and, where possible, materials. Replacement of missing features will be substantiated by documentary and physical evidence.

7. Clean building gently—no sandblasting.

Chemical or physical treatments, if appropriate, will be undertaken using the gentlest means possible. Treatments that cause damage to historic materials will not be used.

8. Preserve archaeological resources.

Archaeological resources will be protected and preserved in place. If such resources must be disturbed, mitigation measures will be undertaken.

9. Contemporary designs shall be compatible and shall not destroy significant original material.

New additions, exterior alterations, or related new construction will not destroy historic materials, features, and spatial relationships that characterize the property. The new work shall be differentiated from the old and will be compatible with the historic materials, features, size, scale and proportion, and massing to protect the integrity of the property and its environment.

10. New work shall be removable.

New additions and adjacent or related new construction will be undertaken in such a manner that, if removed in the future, the essential form and integrity of the historic property and its environment would be unimpaired.



HDC Work Permit Staff Review

Property address: 214 N Grove

Property History: The property includes a house that according to Assessing records, was erected in 1924. The National Register listing for this property marks it as non-contributing, because it was assumed to be less than 50 years old. In reality, the house is an older building that has undergone multiple renovations and no longer resembles its historic form. A Sanborn Map from 1927 depicts the footprint of a small rectangular house with a full façade porch. Based on its current appearance, at some point the porch was infilled, and the siding and windows replaced. The current owner says that a major renovation occurred in 1984, resulting in a realignment of the roof, new siding, and windows. In Staff opinion, although the building does to the district's period of significance, it has lost its historic integrity and is therefore non-contributing.

Date Complete Application Received: December 1, 2020

Date of Review: December 2, 2020

Date of Meeting: December 8, 2020

Proposed work: New windows and siding.

Materials: Ultrex fiberglass windows, and HardiePlank fiber cement siding

Staff review:

1. The applicant is seeking to replace five non-historic windows; three on the façade and two on the north elevation; and to re-clad the façade.

Façade Windows

2. Current façade windows are wood double-hung sashes that, according to the owner, date to the 1984 renovation.
 - a. The owner cites poor condition, lack of weatherization, and inoperability as reasons for replacement.

1. Use property for original purpose or provide compatible use with minimal alteration.

2. Do not destroy original character. Do not remove or alter historic material or features.

3. Do not imitate earlier styles.

4. Preserve significant changes acquired over time.

5. Preserve distinctive features.

6. Repair, don't replace. Replacements shall match original.

7. Clean building gently—no sandblasting.

8. Preserve archaeological resources.

9. Contemporary designs shall be compatible and shall not destroy significant original material.

10. New work shall be removable.

3. The owner proposes replacing these three windows with Ultrex double-hung fiberglass windows.
4. *The sample window in the application is to show materiality, it is not a direct representation of what is proposed. The new windows will match the current windows and not have divided lights.

North Elevation Windows

5. The north elevation windows include two non-historic aluminum-framed horizontal sliders.
 - a. The owner notes weatherization as a key motivation for replacing these windows and states they are of poor quality.
6. The applicant proposes to replace each with a Ultrex fiberglass single-light casement window.
7. The owner said they would consider a dual casement to match the current light pattern, however they would prefer a single light so the windows are large enough to escape from in case of fire.

Façade Siding

8. The owner states that the siding on the façade is damaged. According to the owner, the current façade siding is a mix of vinyl and aluminum. These two textures are applied differently, with a mix of vertical and horizontal members.
9. The applicant would like to replace the façade siding with HardiPlank fiber-cement siding.
 - a. The siding is to have a 6" exposure.
 - b. The siding will have a smooth finish and be colored white to match the rest of the house.
10. At this time, due to cost, the applicant is only proposing to re-clad the façade.

Recommended Motions:

Move to approve and issue a Certificate of appropriateness for the work at 214 N Grove as submitted in the application dated November 30, 2020 for replacement of five windows with Ultrex fiberglass windows, and new façade siding, as specified. Replacement windows are to be full-frame units and match the size of the windows they are replacing and include three double-hung windows on the façade and two casements on the north elevation. Façade siding shall be HardiPlank lap siding with 6" reveal and a smooth finish, in white.

Relevant Secretary of the Interior's Standards:

#9

Prepared by:

Scott E. Slagor, Preservation Planner



RECEIVED

NOV 30 2020

CITY OF YPSILANTI
BUILDING DEPARTMENT

City of Ypsilanti

Historic District Commission
Work Permit ApplicationOne South Huron • Ypsilanti, MI 48197
Phone: (734) 483-9646 • Fax: (734) 483-7260
www.cityofypsilanti.comR.28137
#3761
PHDC-20-0087

OFFICE USE ONLY

Date Filed:

Meeting Date:

Action Item/Study Item

To complete this application:

1. Complete this form.
2. Attach the following documents:
 - a. Photo(s) showing all locations where work is proposed (can be emailed).
 - b. Catalog cut sheets or similar details for windows, doors, light fixtures, and any other manufactured or preassembled components—this includes information from catalogues, professional quotes, or websites (can be emailed).
 - c. Dimensioned drawings of any new construction or modifications to existing structures, including awnings and signs.
 - d. A sketch plan, if proposal is for work on the grounds and not just the main structure (e.g., installing a new driveway, fence, or shed). This can be drawn on a scaled copy of a mortgage survey.
3. Applications and materials must be received by the Building Department **no later** than 4pm on the Tuesday one week prior to the meeting.

INCOMPLETE APPLICATIONS WILL NOT BE PLACED ON THE AGENDA**Property**

Address

214 N GROVE ST

Applicant**If applicant is not owner of property, a written statement from the owner authorizing this application must be included.*

Name

Theresa Maddix

Address

[REDACTED]

City

Ypsilanti

State

Mich

Zip

48197

Phone / Fax

[REDACTED]

E-Mail

[REDACTED]

Contractor

Contractor Name & Contact Info

Window Pro Partners

Type of work☐ Roofing☒ Window/Door
Replacement☐ Porches☐ Sign☐ Fence (or other sitework)☐ Painting☐ Other☐ Application Amendment

Complete Description of Proposed Work:

INSERT APPLICATION OF 5 WINDOWS, Like / Like
IN STYLE

REMOVAL OF 3 ALUMINUM FRAME AND 2 WOOD FRAME WINDOWS
COMPLETELY AND REPLACED WITH FULL FRAME FIBERGLASS WINDOWS
SIZES ARE SAME FOR SAME

EXISTING WINDOWS ARE SINGLE PANE AND ARE BEING REPLACED
WITH DOUBLE PANE GLASS.

* ENCLOSED IS A SAMPLE OF COLOR AND MATERIAL FOR
NEW WINDOWS

*** Applicant emailed staff on 12/1/2020 indicating they would like to add facade siding to the application.

Materials (for paint include color chips or samples with application):

ULTRIX - FIBERGLASS WINDOWS WHITE EXTERIOR.

HardiPlank lap siding, smooth finish, white, 6" reveal.

Permit Application Fee (action items only)

The fee is \$45 for the first \$3,000 in construction cost plus \$5 for every additional \$3,000 of construction cost. There is a flat fee of \$10 for painting only. *An additional fee of \$50 applies to HDC work started without the applicable permit.*

Construction Cost:

7977.38

Permit fee:

\$45 + 10 = 55.00

Signature

I hereby attest that the above information is accurate. I am authorized to and grant permission to the City of Ypsilanti staff to be on the subject property for the purposes of preparing staff reports and/or evaluating this application.

I further affirm that this property has, or will have before the proposed work is completed, a fire alarm system or smoke alarm complying with the Stille-DeRossett-Hale single-state construction code, PA 230 of 1972, as amended.

Signature

Date:

11/11/20

Print Name:

Paul Winall.

If you have questions about what the HDC generally permits or does not permit, or what they need to see in an application to render a decision, please call the office at 734-483-9646 or view our factsheets online at cityofypsilanti.com/hd.

All other necessary approvals and permits must be acquired before beginning work.

UNIT SUMMARY

The following is a schedule of the windows and doors for this project. For additional unit details, please see Line Item Quotes.

Additional charges, tax or Terms and Conditions may apply. Detail pricing is per unit.

NUMBER OF LINES: 5

TOTAL UNIT QTY: 5

LINE	MARK UNIT	PRODUCT LINE	ITEM	QTY
1	101 frt living room	Infinity	Double Hung	1
2	102 frt living room	Infinity	Double Hung	1
3	103 frt Bedroom	Infinity	Double Hung	1
4	104 side bedroom frt	Infinity	Casement	1
5	105 side bath	Infinity	Casement	1

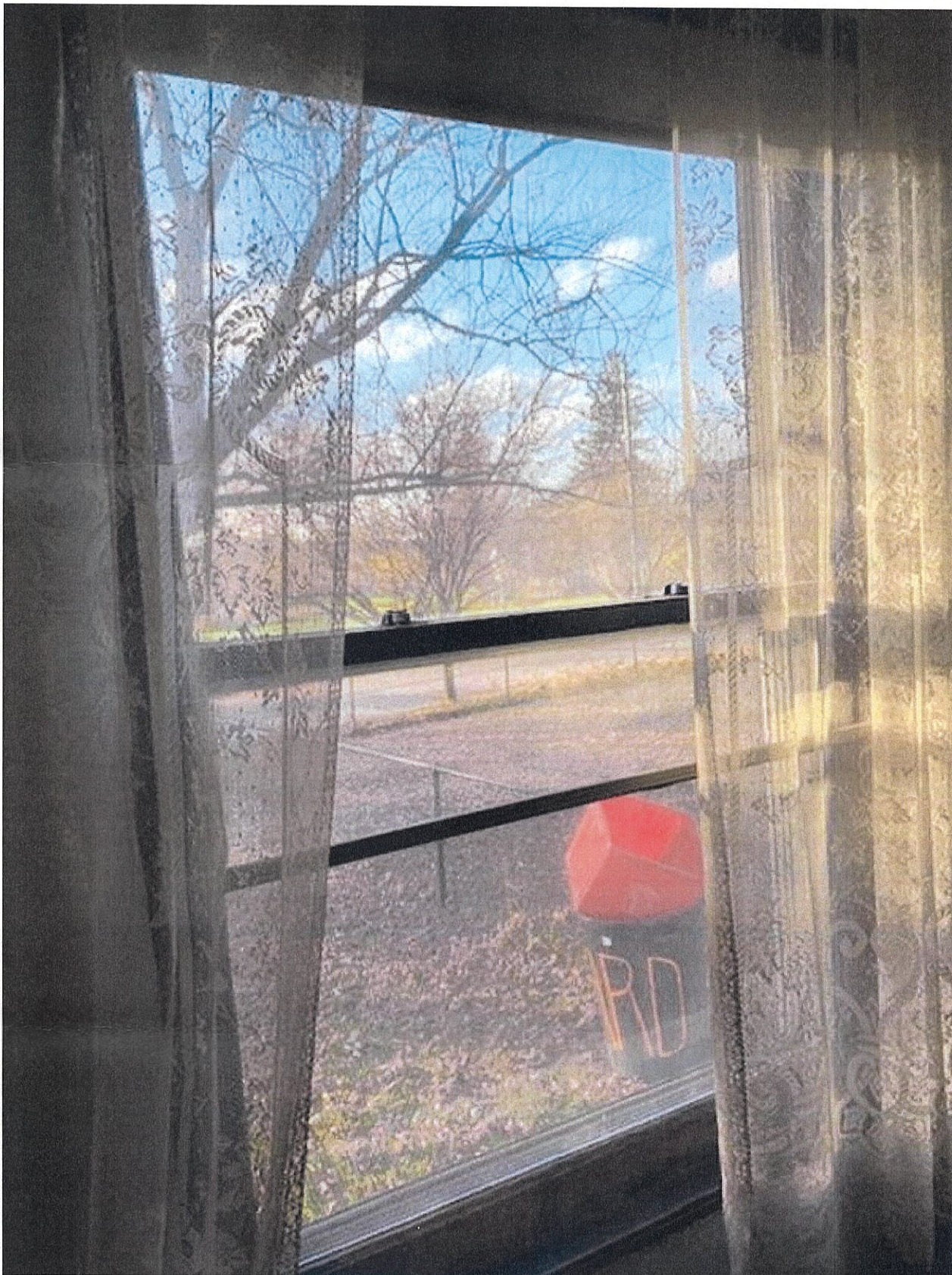




101
INTERIOR



102
EXT



102
INT



103
EXT



103
INTER



104
6/1



108
Int



105
EXT

105
INT



WindowPRO
The Marvin Experts
888-886-8721



WindowPRO
The Marvin Experts
888-896-8721

SAMPLE OF REPLACEMENT PRODUCT EXTERIOR

REPLACEMENT PRODUCT MATERIAL

INFINITI
from MARUI
REPLACEMENT WINDOW

Bend This
Infinity® made with Ultrex®



HARDIEPLANK® LAP SIDING

SMOOTH

You can't go wrong with this sleek, modern siding. Find the perfect color in our Statement Collection products or Dream Collection products. Or get it primed for paint.



THE STATEMENT COLLECTION™

Classic shades—engineered with long-lasting ColorPlus® Technology—will make a statement that resonates for generations. The tried and true colors of James Hardie's Statement Collection™ products were designed for every home. They're our most popular hues. And they are readily available in your region.



SIDING COLORS

Gray Slate



[Request a Quote >](#)

[Request a Sample >](#)

Colors shown may vary due to screen resolution. Please see actual product sample for true color.

AVAILABLE SIZES

THICKNESS: 0.312"	WIDTHS: 8.25" EXPOSURES: 7"
LENGTH: 144" boards	

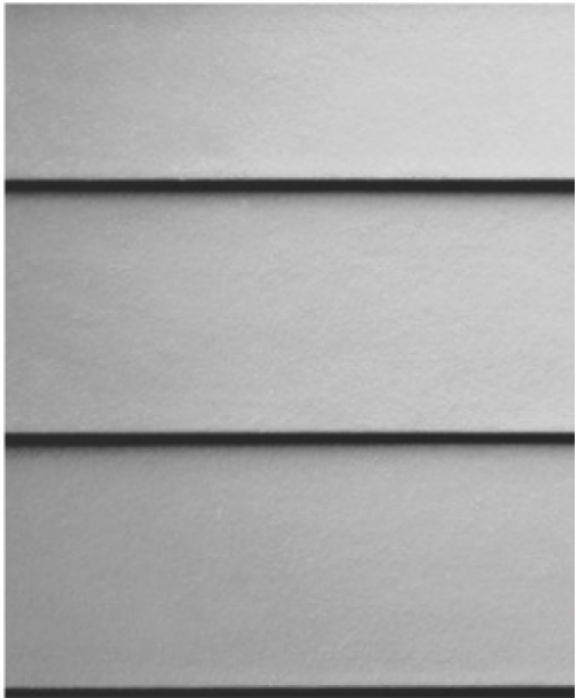
Warranty Information >

Not finding the color you're looking for?

+ See More Color Options

PRIMED FOR PAINT

James Hardie's primed for paint collection gives you the power to choose paint for your home's exterior. It's primed. It's ready for field painting. It's a durable, high-performance canvas.



AVAILABLE SIZES

THICKNESS:	0.312"	
LENGTH:	144" boards	
WIDTHS: EXPOSURES:	6.25" 5"	8.25" 7"
	12" 10.75"	5.25" 4"
	7.25" 6"	9.25" 8"

Warranty Information >

Request a Quote >

Request a Sample >

Facing east to facade.





Facing southwest to facade and north elevation

Details of facade windows.



Details of Facade Windows



Details of Facade Windows





Details of North Elevation Windows



North Elevation Details



Siding Detail.





HDC Work Permit Staff Review

Property address: 322 E Forest

Property History: The property includes a house that according to Assessing records, was erected in 1870. The vernacular house is in the Upright and Wing form with decorative elements of various popular styles, including Italianate style window shelf moldings and Shingle-style imbrication on the second story. The building is contributing to the Historic District.

Date Complete Application Received: December 1, 2020

Date of Review: December 1, 2020

Date of Meeting: December 8, 2020

Proposed work: New garage.

Materials: Concrete footings and pad; treated lumber for construction, an exterior with HardiBoard siding and architectural shingles on the roof with a ridge vent. Doors and lighting will be submitted in a later application.

Staff review:

1. The applicant first presented this project as a Study Item on 11/24/2020.
 - a. The applicant took feedback from the Commission and modified the original design.
2. The applicant proposes constructing a one-story garage behind the house and shed, fronting on the public alley that abuts the west property boundary.
3. The garage footprint will be 24' by 33,' and reach a full height of 23'-10" from foundation to ridge.
4. The structure will rest on concrete footings and a concrete pad will be poured for the garage floor.
5. The exterior walls will be clad in HardieBoard lap siding with a smooth finish. (although the drawings say shiplap, the applicant has subsequently decided on HardieBoard).
6. The gable roof will be sheathed in an architectural shingle to match the color of the house (brown).

1. Use property for original purpose or provide compatible use with minimal alteration.

2. Do not destroy original character. Do not remove or alter historic material or features.

3. Do not imitate earlier styles.

4. Preserve significant changes acquired over time.

5. Preserve distinctive features.

6. Repair, don't replace. Replacements shall match original.

7. Clean building gently—no sandblasting.

8. Preserve archaeological resources.

9. Contemporary designs shall be compatible and shall not destroy significant original material.

10. New work shall be removable.

- a. The roof will have a ridge vent.
7. The garage has three door openings: one pedestrian door on the north elevation, and two overhead doors on the vehicular bays on the west elevation.
 - a. The applicant has not selected doors yet and will come back to the Commission with an amendment or new application when they are ready to select doors.
8. The applicant will be submitting exterior lighting as an amendment or future application.

Recommended Motions:

Move to approve and issue a Certificate of appropriateness for the work at 322 E Forest as submitted in the application dated December 1, 2020 for construction of a new garage. The garage shall be built to specifications, with the exterior walls clad in HardieBoard smooth finished fiber-cement siding, and the roof finished in an architectural shingle to match the roof of the house with a ridge vent. Doors and lighting must be submitted to the Commission for review.

Relevant Secretary of the Interior's Standards:
#3, #9, #10

Prepared by:

Scott E. Slagor, Preservation Planner



**City of Ypsilanti
Historic District Commission
Work Permit Application**

One South Huron • Ypsilanti, MI 48197
Phone: (734) 483-9646 • Fax: (734) 483-7260
www.cityofypsilanti.com

OFFICE USE ONLY

Date Filed:

Meeting Date:

Action Item/Study Item

To complete this application:

1. Complete this form.
2. Attach the following documents:
 - a. Photo(s) showing all locations where work is proposed (can be emailed).
 - b. Catalog cut sheets or similar details for windows, doors, light fixtures, and any other manufactured or preassembled components—this includes information from catalogues, professional quotes, or websites (can be emailed).
 - c. Dimensioned drawings of any new construction or modifications to existing structures, including awnings and signs.
 - d. A sketch plan, if proposal is for work on the grounds and not just the main structure (e.g., installing a new driveway, fence, or shed). This can be drawn on a scaled copy of a mortgage survey.
3. Applications and materials must be received by the Building Department **no later** than 4pm on the Tuesday one week prior to the meeting.

INCOMPLETE APPLICATIONS WILL NOT BE PLACED ON THE AGENDA

Property

Address

322 E Forest Ave, Ypsilanti, MI 48198

Applicant

**If applicant is not owner of property, a written statement from the owner authorizing this application must be included.*

Name

Matthew Wade

Address

City

Ypsilanti

State

MI

Zip

48198

Phone / Fax

E-Mail

Contractor

Contractor Name & Contact Info

Built by owner.

Type of work

☐ Roofing

☐ Window/Door
Replacement

☐ Porches

☐ Sign

☐ Fence (or other sitework)

☐ Painting

☒ Other

☐ Application Amendment

Complete Description of Proposed Work:

Build 24' x 33' detached garage over poured foundation, with 10' walls and attic trusses. Paint colors, shingle color and style, as well as siding style will match existing historic house. Specific doors and light fixtures are not included in this application and will be submitted separately.

Materials (for paint include color chips or samples with application):

See plans.

Permit Application Fee (action items only)

The fee is \$45 for the first \$3,000 in construction cost plus \$5 for every additional \$3,000 of construction cost. There is a flat fee of \$10 for painting only. *An additional fee of \$50 applies to HDC work started without the applicable permit.*

Construction Cost:

30k

Permit fee:

\$45 + \$45 = \$90

Signature

I hereby attest that the above information is accurate. I am authorized to and grant permission to the City of Ypsilanti staff to be on the subject property for the purposes of preparing staff reports and/or evaluating this application.

I further affirm that this property has, or will have before the proposed work is completed, a fire alarm system or smoke alarm complying with the Stille-DeRossett-Hale single-state construction code, PA 230 of 1972, as amended.

Signature:

Date:

12-01-2020

Print Name:

Matthew Wade

If you have questions about what the HDC generally permits or does not permit, or what they need to see in an application to render a decision, please call the office at 734-483-9646 or view our factsheets online at cityofypsilanti.com/hd.

All other necessary approvals and permits must be acquired before beginning work.



**City of Ypsilanti
Historic District Commission
Work Permit Application
Check List**

Is your application complete?!
Do you have the following?

For painting projects:

- ✓ A detailed description of what you will be painting (trim, siding, deck, etc.)
- ✓ A list of all the materials you plan to use (paint brands, color names, etc.)
- ✓ Color chips or samples of the proposed paint colors
- ✓ Photographs of the property
- ✓ A description of how you plan to prep your surfaces for new paint (the HDC does not allow power washing or sand blasting)

For window projects:

- ✓ A detailed description of your plans for the windows—are you replacing them entirely? Just the sash kits?
- ✓ A cut sheet, catalogue sheet, or print-out with a photo of the proposed window, its dimensions and its materials (vinyl windows are generally not permitted in the district)
- ✓ Photographs of the existing windows showing their deterioration or lack of functionality

For roofing projects:

- ✓ A detailed description of the proposed roof work (Removing existing shingles? Replacing entire roof or portions?)
- ✓ Information about your plans for venting (can vents are generally not permitted in the district)
- ✓ Plans for the flashing and drip edge—what color will they be?
- ✓ Brand name and style of proposed new roofing—include a cut sheet, catalogue sheet, or print-out with details about proposed shingles
- ✓ Color of the new shingles

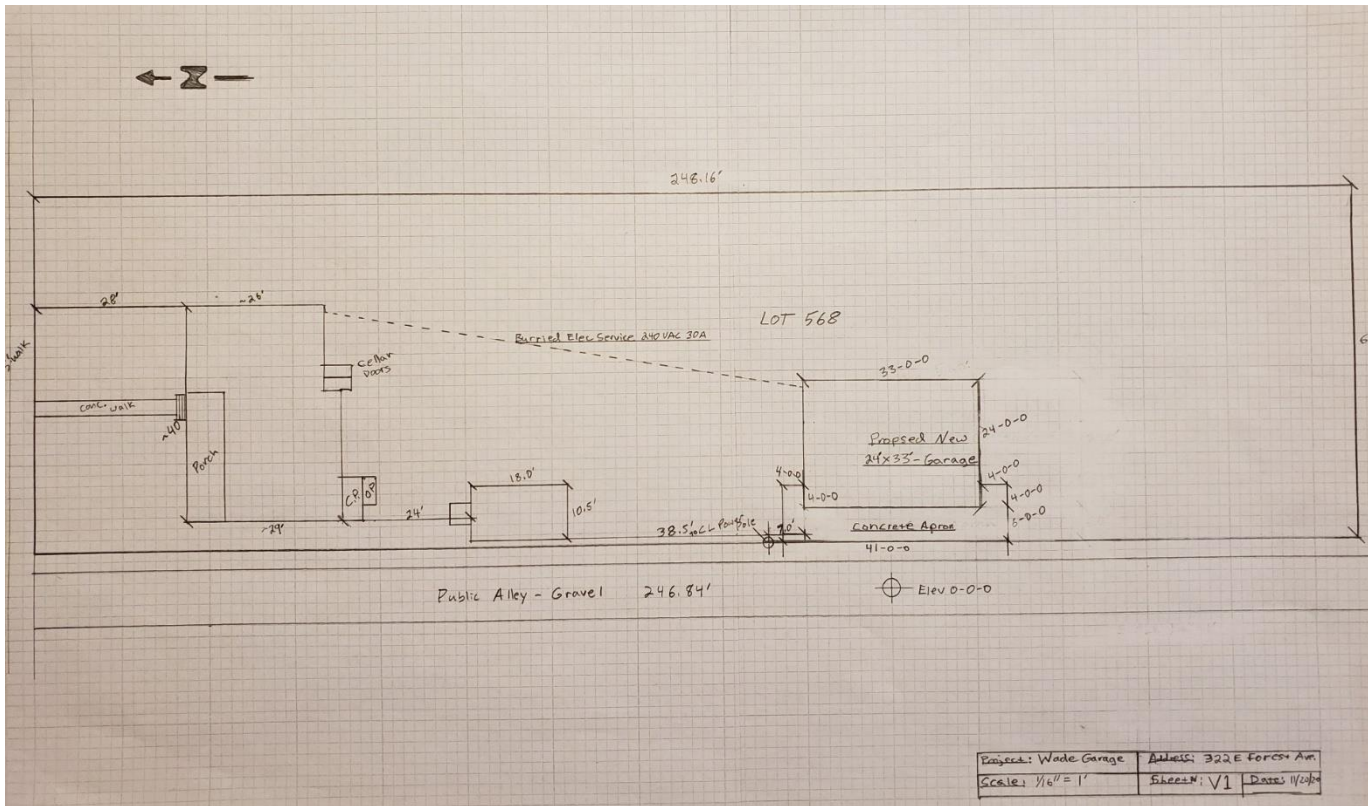
For all other projects:

- ✓ A detailed description of the proposed work
- ✓ A list of all materials to be used in proposed work
- ✓ Samples or chips of any paint or stain
- ✓ A site plan for any application involving the installation of something on the site (fencing, out buildings, major landscaping, etc.)
- ✓ Cut-sheets, catalogue sheets, or print-outs with details on any materials you are using (like composite wood materials, solar panels, siding, shingles, alternative materials, or anything with specific dimensions)

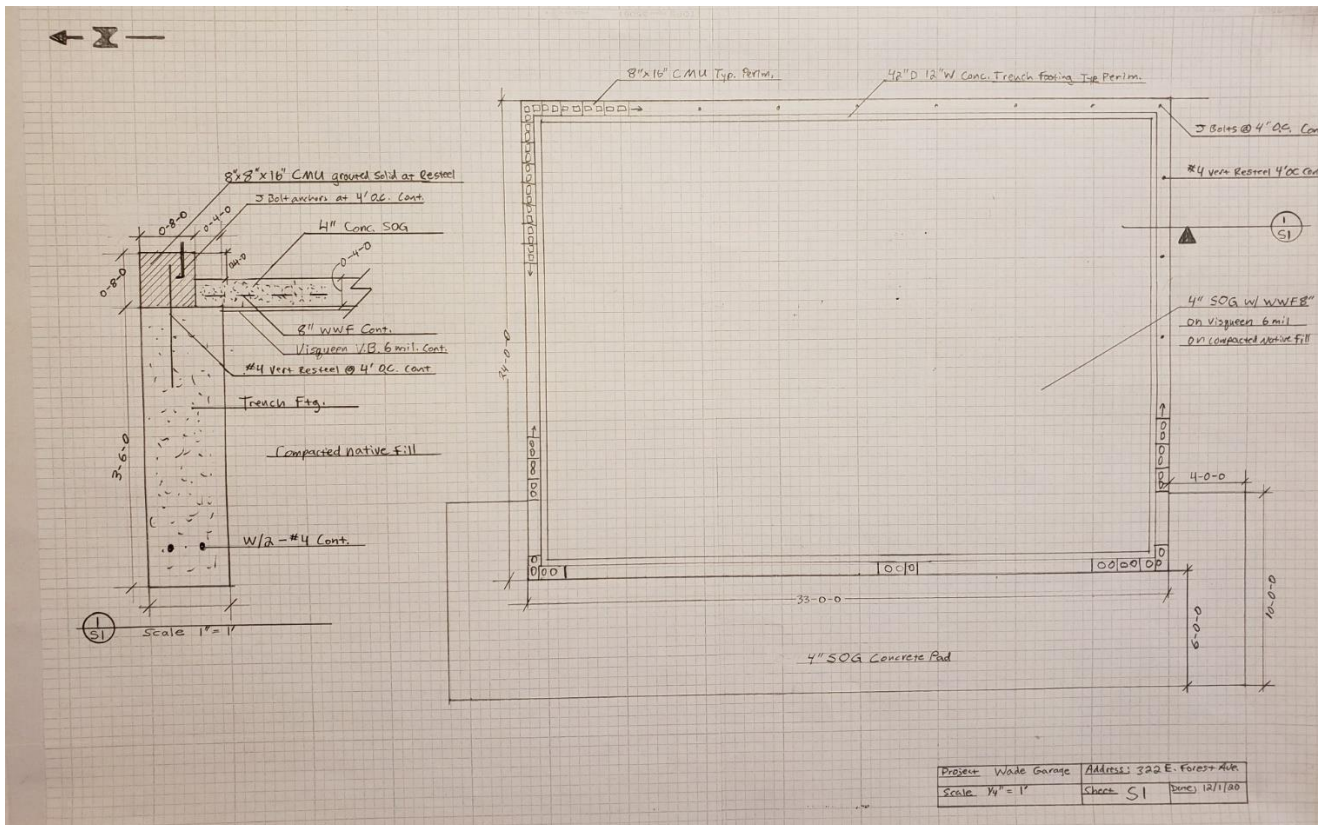
For fencing projects:

- ✓ Site plan or drawing of lot showing placement of fence in relation to buildings/property
- ✓ Proposed fencing material and style
- ✓ Color chip or sample of proposed paint or stain (wood must be finished with an opaque stain or paint)

Without this required information, your application will be considered incomplete and will not be added to the agenda until the necessary information is received.

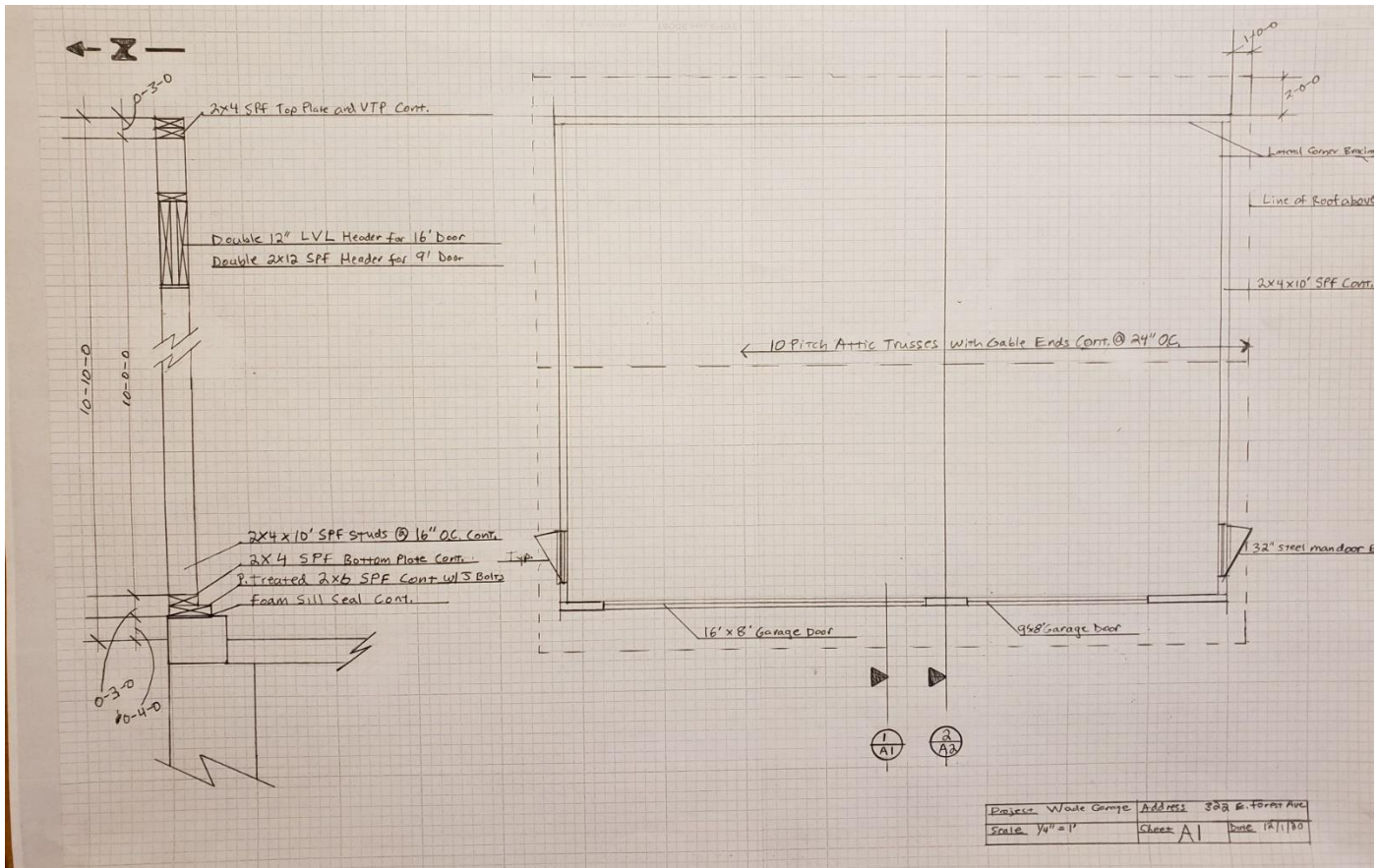


Lot plan.

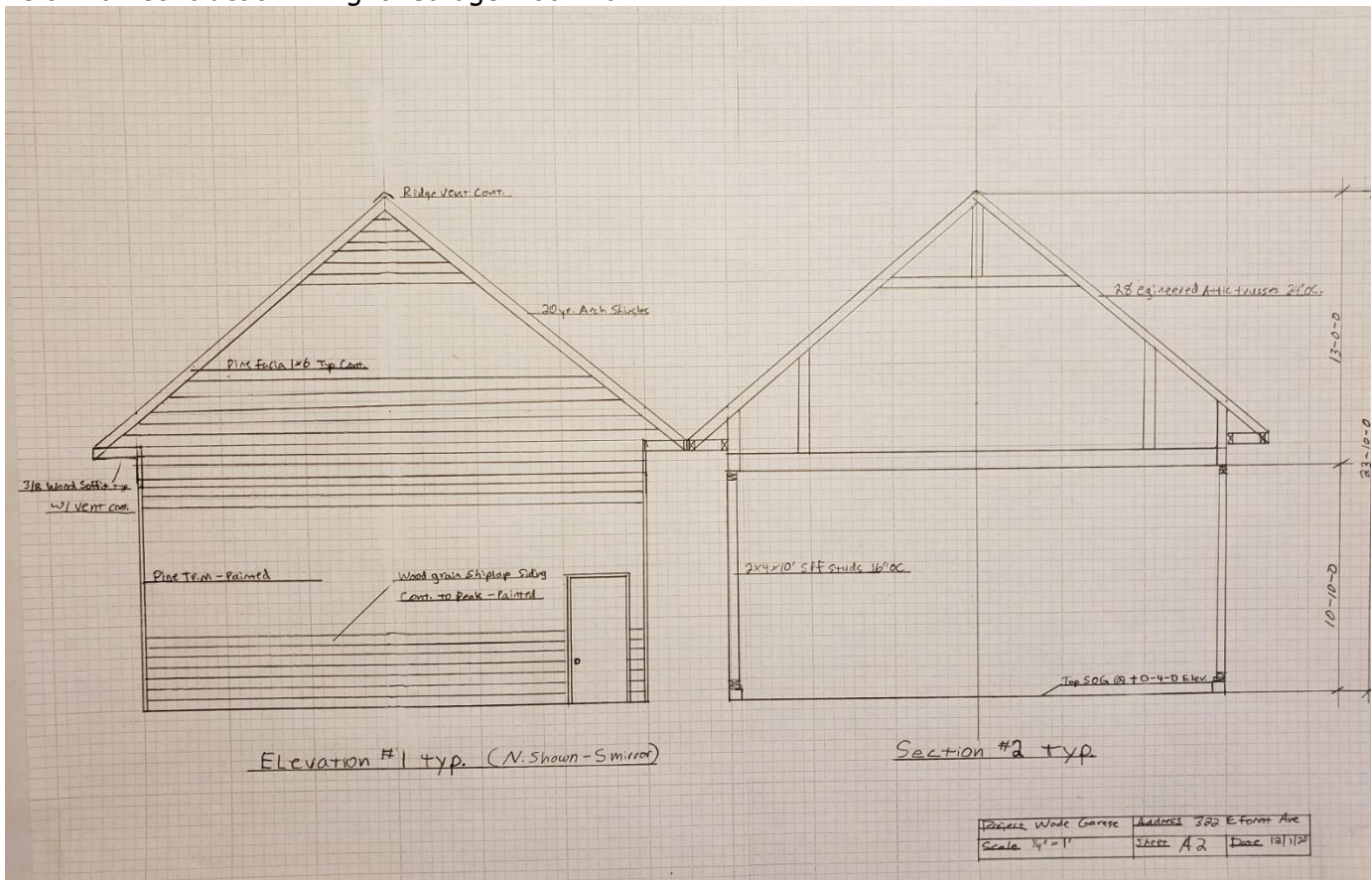


Left: Foundation Side View.

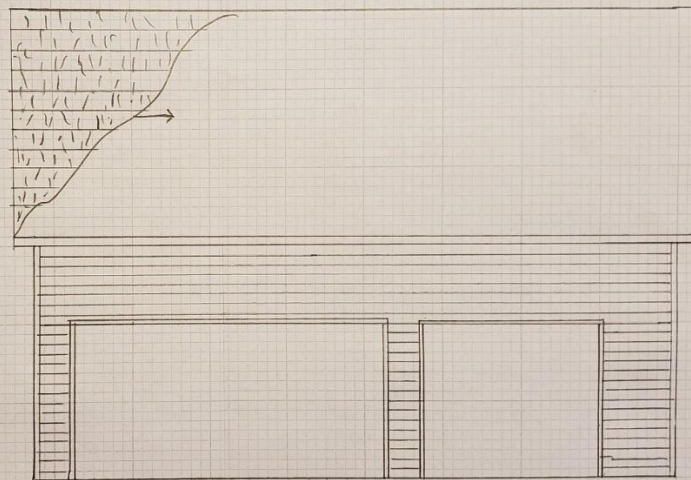
Right: Foundation Top View.



Left: Wall Construction. Right: Garage Floor Plan.



Left: Exterior Wall View. Right: Wall and Truss.



Elevation #2 (West)

Project	Wade Garage	Address	322 E. Forest Ave
Scale	1/4" = 1'	Sheet	A3
		Date	12/1/00

West Exterior View.



Front of House, from the north side (street view).



Another view of the front of the house.



Back of the house (south side).



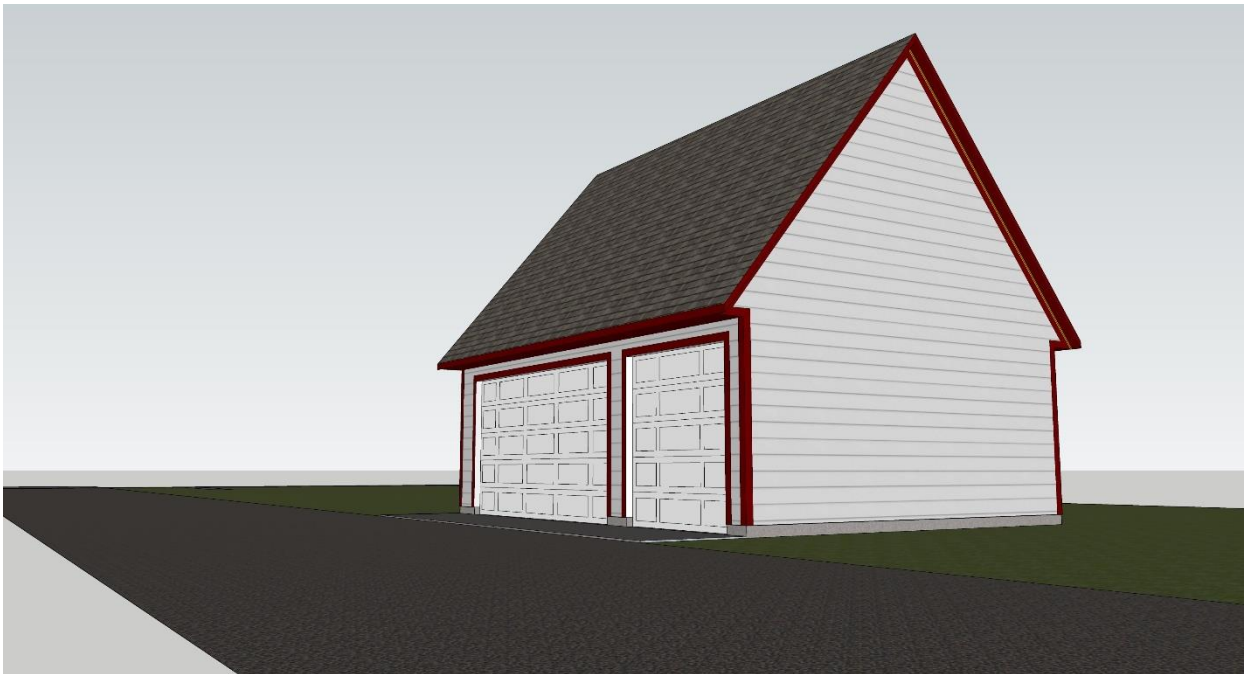
North side of where the garage location. Alley is on right, just out of view.



South side of the garage location. Alley is on left, just out of view.



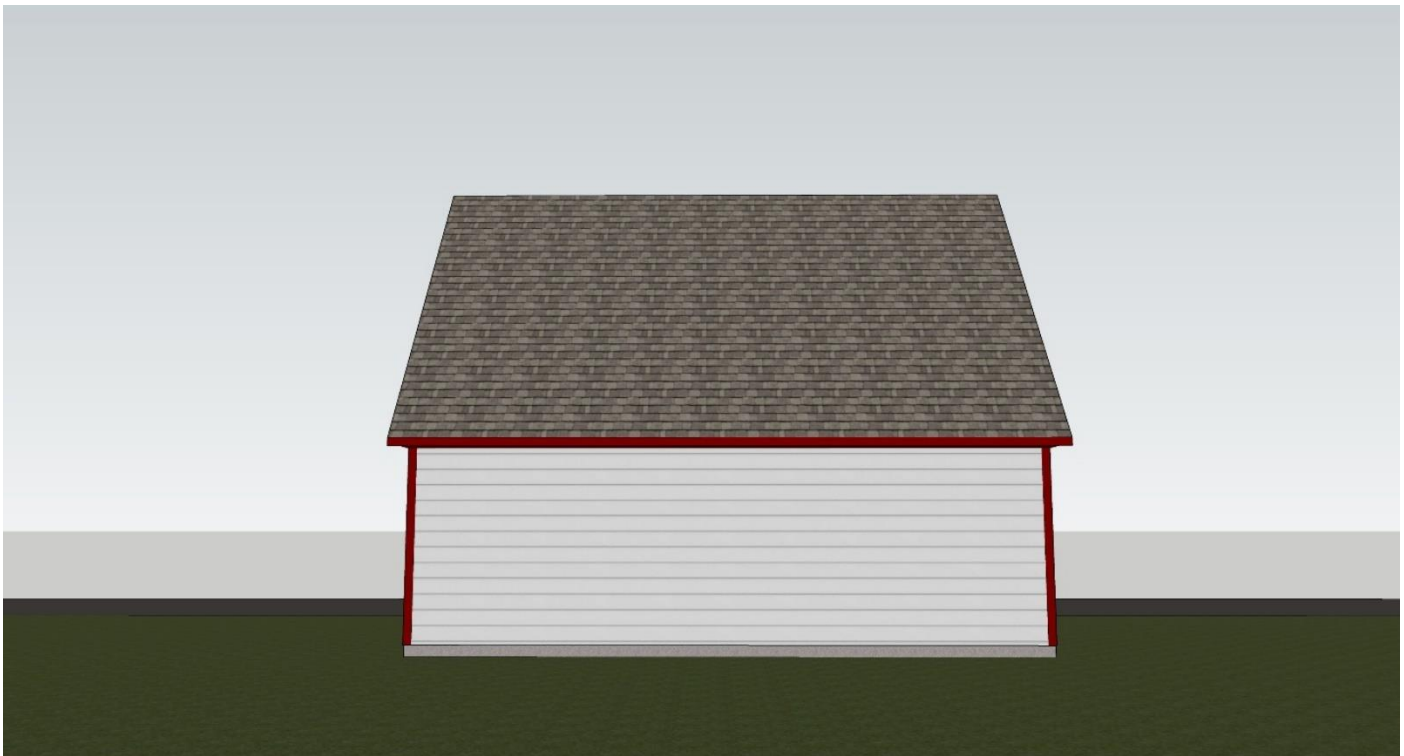
North and West sides of the proposed garage. (Note: view plans for additional man door on the north side, but not pictured here). Specific light fixtures, shingles, and doors not proposed in this application.



West and South sides of the proposed garage.



West (alley) side of proposed garage.



East side of proposed garage.

Siding will be HardiePlank Lap Siding, with a 4" reveal, and trim at corners and around doors will be 3.5" HardieTrim boards, to match the look of the house. I selected the smooth finish on both HardiePlank and HardieTrim, to avoid mixing wood grain with a different material.



HARDIEPLANK® LAP SIDING

SMOOTH

You can't go wrong with this sleek, modern siding. Find the perfect color in our Statement Collection products or Dream Collection products. Or get it primed for paint.



PRIMED FOR PAINT



James Hardie's primed for paint collection gives you the power to choose paint for your home's exterior. It's primed. It's ready for field painting. It's a durable, high-performance canvas.



AVAILABLE SIZES

THICKNESS:	0.312"	
LENGTH:	144" boards	
WIDTHS:	6.25"	8.25"
EXPOSURES:	5"	7"
	12"	5.25"
	10.75"	4"
	7.25"	9.25"
	6"	8"

Warranty Information >



HARDIETRIM® BOARDS

4/4 SMOOTH

This trim's simplicity never goes out of style. In a color from our Statement Collection products or Dream Collection products, it has even more staying power. Also available primed for paint.



PRIMED FOR PAINT

James Hardie's primed for paint collection gives you the power to choose paint for your home's exterior. It's primed. It's ready for field painting. It's a durable, high-performance canvas.



AVAILABLE SIZES

THICKNESS:	0.75"	
LENGTH:	144" boards	
WIDTHS: EXPOSURES:	3.5" 3.5" 7.25" 7.25" 11.25" 11.25"	5.5" 5.5" 9.25" 9.25"

Warranty Information >

Shingles will be 20 year asphalt architectural shingles in a color to match the house (brown).



HDC Work Permit Staff Review

Property address: 301 W Michigan

Property History: The proposed work is in the right-of-way fronting on Ferris, behind 301 W Michigan.

The property includes a modern non-contributing building.

Complete Application Received: December 1, 2020

Date of Review: December 4, 2020

Date of Meeting: December 8, 2020

Proposed work: Small cell communication system.

Materials: Wood pole, antennas, power boxes, fiber boxes.

Staff review:

1. The application installs a communication antenna atop an existing DTE light pole.
 - a. The added communication feature will extend the pole to 40' tall from ground to top
 - b. The pole will be surmounted by a small cell communication feature, consisting of three antennas.
 - c. A caution sign will be placed between the light fixture and antennas.
 - d. Various connection boxes will be placed 10' above ground level.
2. Staff spoke with a SHPO reviewer in February regarding a similar installation on N Hamilton Street. They said that these new colocation antennas are much smaller than earlier installations and appear to have minimal impact on historic resources.

Recommended Motions:

Move to approve and issue a certificate of appropriateness for the work at 301 W Michigan as submitted in the application, dated December 1, 2020, for modification of an existing light

1. Use property for original purpose or provide compatible use with minimal alteration.

2. Do not destroy original character. Do not remove or alter historic material or features.

3. Do not imitate earlier styles.

4. Preserve significant changes acquired over time.

5. Preserve distinctive features.

6. Repair, don't replace. Replacements shall match original.

7. Clean building gently—no sandblasting.

8. Preserve archaeological resources.

9. Contemporary designs shall be compatible and shall not destroy significant original material.

10. New work shall be removable.

pole to include the features in submitted drawings, including antennas, signage, and connection boxes.

Relevant Secretary of the Interior's Standards:
#10

Prepared by:
Scott E. Slagor, Preservation Planner



City of Ypsilanti
Historic District Commission
Work Permit Application

One South Huron • Ypsilanti, MI 48197
Phone: (734) 483-9646 • Fax: (734) 483-7260
www.cityofypsilanti.com

OFFICE USE ONLY

Date Filed:

Meeting Date:

Action Item/Study Item

To complete this application:

1. Complete this form.
2. Attach the following documents:
 - a. Photo(s) showing all locations where work is proposed (can be emailed).
 - b. Catalog cut sheets or similar details for windows, doors, light fixtures, and any other manufactured or preassembled components—this includes information from catalogues, professional quotes, or websites (can be emailed).
 - c. Dimensioned drawings of any new construction or modifications to existing structures, including awnings and signs.
 - d. A sketch plan, if proposal is for work on the grounds and not just the main structure (e.g., installing a new driveway, fence, or shed). This can be drawn on a scaled copy of a mortgage survey.
3. Applications and materials must be received by the Building Department **no later** than 4pm on the Tuesday one week prior to the meeting.

INCOMPLETE APPLICATIONS WILL NOT BE PLACED ON THE AGENDA

Property

Address

301 W Michigan Ave.

Applicant

**If applicant is not owner of property, a written statement from the owner authorizing this application must be included.*

Name

Verizon Wireless - David Haslinger

Address

City

Southfield

State

MI

Zip

48075

Phone / Fax

E-Mail

Contractor

Contractor Name & Contact Info

Type of work

☐ Roofing

☐ Window/Door
Replacement

☐ Porches

☐ Sign

☐ Fence (or other sitework)

☐ Painting

☒ Other

☐ Application Amendment

Complete Description of Proposed Work:

Verizon is proposing small cell equipment on an existing DTE Pole.

Materials (for paint include color chips or samples with application):**Permit Application Fee (action items only)**

The fee is \$45 for the first \$3,000 in construction cost plus \$5 for every additional \$3,000 of construction cost. There is a flat fee of \$10 for painting only. *An additional fee of \$50 applies to HDC work started without the applicable permit.*

Construction Cost:

Permit fee:

\$45 + _____ =

Signature

I hereby attest that the above information is accurate. I am authorized to and grant permission to the City of Ypsilanti staff to be on the subject property for the purposes of preparing staff reports and/or evaluating this application.

I further affirm that this property has, or will have before the proposed work is completed, a fire alarm system or smoke alarm complying with the Stille-DeRossett-Hale single-state construction code, PA 230 of 1972, as amended.

Signature:



Date:

12-01-2020

Print Name:

David Haslinger

If you have questions about what the HDC generally permits or does not permit, or what they need to see in an application to render a decision, please call the office at 734-483-9646 or view our factsheets online at cityofypsilanti.com/hd.

All other necessary approvals and permits must be acquired before beginning work.



**City of Ypsilanti
Historic District Commission
Work Permit Application
Check List**

Is your application complete?!
Do you have the following?

For painting projects:

- ✓ A detailed description of what you will be painting (trim, siding, deck, etc.)
- ✓ A list of all the materials you plan to use (paint brands, color names, etc.)
- ✓ Color chips or samples of the proposed paint colors
- ✓ Photographs of the property
- ✓ A description of how you plan to prep your surfaces for new paint (the HDC does not allow power washing or sand blasting)

For window projects:

- ✓ A detailed description of your plans for the windows—are you replacing them entirely? Just the sash kits?
- ✓ A cut sheet, catalogue sheet, or print-out with a photo of the proposed window, its dimensions and its materials (vinyl windows are generally not permitted in the district)
- ✓ Photographs of the existing windows showing their deterioration or lack of functionality

For roofing projects:

- ✓ A detailed description of the proposed roof work (Removing existing shingles? Replacing entire roof or portions?)
- ✓ Information about your plans for venting (can vents are generally not permitted in the district)
- ✓ Plans for the flashing and drip edge—what color will they be?
- ✓ Brand name and style of proposed new roofing—include a cut sheet, catalogue sheet, or print-out with details about proposed shingles
- ✓ Color of the new shingles

For all other projects:

- ✓ A detailed description of the proposed work
- ✓ A list of all materials to be used in proposed work
- ✓ Samples or chips of any paint or stain
- ✓ A site plan for any application involving the installation of something on the site (fencing, out buildings, major landscaping, etc.)
- ✓ Cut-sheets, catalogue sheets, or print-outs with details on any materials you are using (like composite wood materials, solar panels, siding, shingles, alternative materials, or anything with specific dimensions)

For fencing projects:

- ✓ Site plan or drawing of lot showing placement of fence in relation to buildings/property
- ✓ Proposed fencing material and style
- ✓ Color chip or sample of proposed paint or stain (wood must be finished with an opaque stain or paint)

Without this required information, your application will be considered incomplete and will not be added to the agenda until the necessary information is received.



February 20, 2020

Scott Hubble
Verizon Wireless

[REDACTED]
Southfield, MI 48075

DTE is working with Verizon Wireless to facilitate the installation of their communication fiber, small wireless communications equipment, associated antennas and transmission cables on DTE owned poles located on public or private right of ways within Washtenaw County, Michigan (excluding steel, aluminum, fiberglass streetlight or ornamental poles).

This letter serves as notification for Verizon submissions as described above within the jurisdiction.

DTE is currently in an agreement with Verizon Wireless to provide joint use space on DTE owned assets that meet internal requirements. The full details of this agreement are protected under a mutual non-disclosure agreement.

Please call me if you have any questions regarding this letter.

Sincerely,

[REDACTED]

Aaron Belanger
Principal Supervisor
DTE / Marketing / Joint Use

[REDACTED]

PROJECT SUMMARY	
SITE NAME:	45526
SITE ADDRESS: (ESTIMATED)	301 W MICHIGAN AVE YPSILANTI, MI 48197
COUNTY:	WASHTENAW
JURISDICTION:	CITY OF YPSILANTI
<u>SITE COORDINATES:</u>	
LATITUDE:	42° 14' 23.417" N
LATITUDE:	42.23984°
LONGITUDE:	83° 37' 0.070" W
LONGITUDE:	-83.61669°
ELEVATION:	±736'-3"
PROPERTY DEFINITION:	R.O.W.
FUZE PROJECT ID:	15899281
PSLC CODE:	577437
EXISTING POLE HEIGHT:	40'-0"

verizon

SITE NAME: 45526

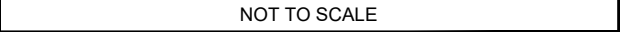
PROPOSED SMALL CELL EQUIPMENT
ON AN EXISTING DTE POLE

VICINITY MAP



SHEET SCALE FACTOR:
PLOT SIZE:
11" x 17": TO SCALE

LOCATION MAP



 1 (800) 482-7171
www.missdig.com
CONTRACTOR TO CALL MICHIGAN
ONE-CALL SYSTEMS AT LEAST 72 HOURS
PRIOR TO DIGGING.

[illegible]

SCOPE OF WORK

- INSTALLING EQUIPMENT
 - CFIT BOX
 - DISCONNECT
- CONNECTING ONSITE UTILITIES TO WIRELESS EQUIPMENT

STATE COUNTY MAP



SITE NAME:		45526
ADDRESS: 301 W MICHIGAN AVE YPSILANTI, MI 48197		
COUNTY: WASHTENAW		
LATITUDE: 42° 14' 23.417" N		
LONGITUDE: 83° 37' 0.070" W		
DESIGN TYPE: COLOCATION		
SHEET TITLE: TITLE SHEET		
DRAWING NO. T1		REVISION: 1

1

GENERAL NOTES

1. THESE NOTES SHALL BE CONSIDERED A PART OF THE WRITTEN SPECIFICATIONS.
2. THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED IN THE CONTRACT DOCUMENTS.
3. PRIOR TO THE SUBMISSION OF BIDS, THE CONTRACTOR(S) SHALL VISIT THE JOB SITE(S) AND BE RESPONSIBLE FOR ALL CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS AND CONFIRMING THAT THE WORK MAY BE ACCOMPLISHED PER THE CONTRACT DOCUMENTS. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE IMPLEMENTATION ENGINEER AND ARCHITECT/ENGINEER.
4. THE CONTRACTOR SHALL RECEIVE WRITTEN AUTHORIZATION TO PROCEED ON ANY WORK NOT CLEARLY DEFINED OR IDENTIFIED IN THE CONSTRUCTION DOCUMENTS BEFORE STARTING ANY WORK.
5. ALL WORK PERFORMED AND MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES INCLUDING APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS.
6. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH THE MANUFACTURER RECOMMENDATIONS. IF THESE RECOMMENDATIONS ARE IN CONFLICT WITH THE CONTRACT DOCUMENTS AND/OR APPLICABLE CODES OR REGULATIONS, REVIEW THE CONFLICT FOR DIRECTION WITH THE IMPLEMENTATION ENGINEER AND ARCHITECT/ENGINEER PRIOR TO PROCEEDING.
7. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES AND FOR COORDINATION OF ALL PORTIONS OF THE WORK UNDER THE CONTRACT INCLUDING CONTACT AND COORDINATION WITH THE IMPLEMENTATION TEAM AND WITH THE AUTHORIZED REPRESENTATIVE OF ANY OUTSIDE POLE OR PROPERTY OWNER. (BASE COMMANDER OR AUTHORIZED AGENT)
8. THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, PAVING, CURBS, VEGETATION, GALVANIZED SURFACE OR OTHER EXISTING ELEMENTS AND UPON COMPLETION OF THE WORK, REPAIR ANY DAMAGE THAT OCCURRED DURING CONSTRUCTION TO THE SATISFACTION OF EXTENT.
9. KEEP THE GENERAL AREA CLEAN, HAZARD FREE AND DISPOSE OF ALL DIRT, DEBRIS, RUBBISH AND REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY. LEAVE PREMISES IN CLEAN CONDITION DAILY.
10. PLANS ARE INTENDED TO BE DIAGRAMMATIC ONLY AND SHOULD NOT BE SCALED UNLESS OTHERWISE NOTED. RELY ONLY ON ANNOTATED DIMENSIONS AND REQUEST INFORMATION IF ADDITIONAL DIMENSIONS ARE REQUIRED.
11. THE EXISTENCE AND LOCATION OF UTILITIES AND OTHER AGENCY'S FACILITIES ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. OTHER FACILITIES MAY EXIST BEYOND WHAT IS NOTED. CONTRACTOR SHALL VERIFY LOCATIONS PRIOR TO START OF CONSTRUCTION AND USE EXTREME CARE AND PROTECTIVE MEASURES TO PREVENT DAMAGE TO THESE FACILITIES. CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF UTILITIES OR OTHER AGENCY'S FACILITIES WITHIN THE LIMITS OF THE WORK, WHETHER THEY ARE IDENTIFIED IN THE CONTRACT DOCUMENTS OR NOT.
12. ALL MOUNTING HARDWARE SUCH AS BOLTS, NUTS, LAG SCREWS, CLEVIS, CONDUIT STRAPS, STAPLES, (ANYTHING EXPOSED AND CONNECTING EQUIPMENT TO THE POLE SHALL BE HOT DIPPED GALVANIZED, UNLESS OTHERWISE STATED)

DEFINITIONS

1. "TYPICAL" OR "TYP." MEANS THAT THIS ITEM IS VIRTUALLY IDENTICAL ACROSS SIMILAR CONDITIONS. "TYP." SHALL BE UNDERSTOOD TO MEAN "TYPICAL WHERE OCCURS" AND SHALL NOT BE CONSIDERED AS WITHOUT EXCEPTION OR CONSIDERATION OF SPECIFIC CONDITIONS.
2. "SIMILAR" MEANS COMPARABLE TO CHARACTERISTICS FOR CONDITION NOTED. VERIFY DIMENSIONS AND ORIENTATION ON PLAN.
3. "AS REQUIRED" MEANS AS REQUIRED BY REGULATORY REQUIREMENTS BY REFERENCED STANDARDS, BY EXISTING CONDITIONS, BY GENERALLY ACCEPTED CONSTRUCTION PRACTICE OR BY THE CONTRACT DOCUMENTS.
4. "ALIGN" MEANS ACCURATELY LOCATE FINISH FACES OF MATERIALS IN THE SAME PLANE.
5. THE TERM "VERIFY" OR "V.I.F" SHALL BE UNDERSTOOD TO MEAN VERIFY IN FIELD WITH ARCHITECT AND REQUIRES THAT THE CONTRACTOR CONFIRM INTENTION REGARDING NOTED CONDITION AND PROCEED ONLY AFTER RECEIVING DIRECTION.
6. WHERE THE WORDS "OR EQUAL" OR WORDS OF SIMILAR INTENT FOLLOW A MATERIAL SPECIFICATION, THEY SHALL BE UNDERSTOOD TO REQUIRE SIGNED APPROVAL OF ANY DEVIATION TO SAID SPECIFICATION PRIOR TO CONTRACTOR'S ORDERING OR INSTALLATION OF SUCH PROPOSED EQUAL PRODUCT.
7. FURNISH: SUPPLY ONLY, OTHERS TO INSTALL. INSTALL: INSTALL ITEMS FURNISHED BY OTHERS. PROVIDE: FURNISH AND INSTALL.

PROJECT SPECIFIC NOTES

1. THIS SET IS PROVIDED TO ILLUSTRATE THE EXPECTED SCOPE OF DRAWINGS, QUALITY OF DRAWINGS AND EXTENT GRAPHIC STANDARDS. NOTES ARE FOR A&E CONTRACTOR REFERENCE TO HELP CLARIFY THE SCOPE. ADDITIONAL DRAWINGS MAY BE REQUIRED TO MEET THE REQUIREMENTS OF A GIVEN BASE. ALL EXAMPLES SHOWN ARE FOR REFERENCE ONLY AND ANY NOTES, DETAILS, CALCULATIONS OR OTHER WORK NEEDS TO BE COMPLETED OR CONFIRMED BY THE CONTRACTOR GENERATING THE DRAWINGS IN CONSTRUCTION DOCUMENTS.
2. THIS SET IS TO BE PRINTED AT 11" x 17". IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONFIRM THIS SIZE IS ACCEPTABLE BY THE BASE AND TO PROVIDE A LARGER STANDARD SIZE IF REQUIRED.
3. IT IS THE RESPONSIBILITY OF THE ENGINEER TO CONFIRM ALL WORK SHOWN IS IN COMPLIANCE WITH BASE AND FEDERAL CODES. DRAWINGS SHOWN WITHIN THIS SET ARE SAMPLES AND MAY NOT REFLECT ALL OF THE REQUIRED ELEMENTS, CLEARANCES OR OTHER ITEMS OF ASSEMBLIES NEEDED TO BE CODE COMPLIANT IN THE PARTICULAR MUNICIPALITY THE NODE IS LOCATED WITHIN.

GROUND CONSTRUCTION NOTES:

1. 120/240V POWER REQUIRED FOR 3-WIRE SERVICE.
2. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH FEDERAL STANDARDS AND REGULATIONS AS WELL AS NEC.
3. CALL MICHIGAN ONE CALL 72 HOURS PRIOR TO EXCAVATING AT (800) 482-7171.
4. ALL LANDSCAPING TO BE RESTORED TO ORIGINAL CONDITION OR BETTER.
5. ALL EQUIPMENT TO BE BONDED.
6. METERING CABINET (IF INSTALLED) REQUIRES 3' CLEARANCE AT DOOR OPENING.

STANDARD GROUNDING NOTES:

1. GROUND TESTED AT 25 OHMS OR LESS.
2. 5/8" x 8' RODS, CAD WELD OR UL LISTED DIRECT BURY CLAMP BELOW GRADE.
3. #6 GROUND AND BOND WIRE.
4. MOLDING, STAPLED EVERY 1' AND AT EACH END.
5. GROUND RODS 18" FROM POLE.

STANDARD CONDUIT NOTES:

1. FOR UNDERGROUND CONDUIT AND ABOVE GRADE RISERS USE SCHEDULE 40.
2. IF DIRECTIONAL BORING PLACE 1-1/4" SDR-11 GRAY CONDUIT FOR UNDERGROUND POWER APPLICATIONS.
3. IF TRENCHING, PLACE PVC SCH 40 CONDUIT PER TABLE ON SHEET E1 FOR UNDERGROUND POWER APPLICATIONS.
4. RISERS TO BE ATTACHED TO POLE WITH STANDARD STRAPS AND LAG SCREWS.
5. RISER STRAPS TO BE INSTALLED EVERY 5'.
6. CONDUIT UNDER 1" MAY BE ATTACHED WITH GROUND WIRE MOLDING STAPLES.
7. ALL CONDUIT WILL BE PROOFED WITH A MANDREL AND EQUIPPED WITH PULL ROPE OR MULE TAPE.

STANDARD TRENCHING NOTES:

1. MAINTAIN 42" MINIMUM COVER FOR ELECTRICAL CONDUIT.
2. MAINTAIN 42" MINIMUM COVER FOR COMMUNICATION CONDUIT.
3. IN STREET SLURRY TO GRADE AND MILL DOWN 1-1/2" FOR AC CAP.
4. IN DIRT SLURRY 18" FROM GRADE AND FILL WITH 95% COMPACTION NATIVE SOIL FOR BALANCE.
5. PLACE WARNING TAPE IN TRENCH 18" ABOVE ALL CONDUITS AND #18 WARNING TAPE ABOVE GROUND EQUIPMENT.

UTILITY POLE CONSTRUCTION NOTES:

1. NO BOLT THREADS TO PROTRUDE MORE THAN 1/2".
2. FILL ALL HOLES LEFT IN POLE FROM REARRANGEMENT OF CLIMBERS.
3. ALL CLIMB STEPS NEXT TO CONDUIT SHALL HAVE EXTENDED STEPS.
4. CABLE NOT TO IMPEDE 15" CLEAR SPACE OFF POLE FACE.
5. 90° SHORT SWEEP UNDER ANTENNA ARM. ALL CABLES MUST ONLY TRANSITION ON THE INSIDE OR BOTTOM OF ARMS (NO CABLE ON TOP OF ARMS).
6. USE CABLE CLAMPS TO SECURE CABLE TO ARMS; PLACE 2" CARRIER ID TAGS ON BOTH SIDE OF ARMS.
7. USE 90° CONNECTOR AT CABLE CONNECTION TO ANTENNAS.
8. USE 1/2" CABLE ON ANTENNAS UNLESS OTHERWISE SPECIFIED.
9. FILL VOID AROUND CABLES AT CONDUIT OPENING WITH FOAM SEALANT TO PREVENT WATER INTRUSION.

VERIZON WIRELESS CONSTRUCTION NOTES:

1. CONTRACTOR IS TO FOLLOW THE MOST CURRENT VZW STANDARDS DOCUMENTS PROVIDED TO COMPLETE THIS INSTALLATION.
2. CONTRACTOR SHALL COMPLETE VZW PROVIDED "SMALL CELL SWEEP REPORT" WITH ALL INFORMATION FILLED IN ACCURATELY AND COMPLETELY.
3. CONTRACTOR TO REFER TO THE MOST CURRENT VZW STANDARDS FOR APPROVED "PIM" TEST EQUIPMENT AND GUIDELINES.
4. CONTRACTOR IS TO USE BATTERY POWERED "PIM" EQUIPMENT TO VALIDATE THE FINAL LOCATION OF THE JUMPER AND ANTENNA ARE FREE OF INTERNAL AND EXTERNAL "PIM" SOURCES.
5. CONTRACTOR SHALL PROVIDE AT LEAST ONE TECHNICAL LEAD THAT IS CERTIFIED AND PROFICIENT IN EXECUTING, INTERPRETING AND RECORDING "PIM" MEASUREMENTS.

PREPARED FOR:



PREPARED BY:

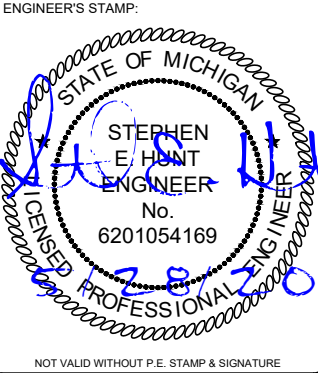


1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
1	05/28/20	JCJ	CONSTRUCTION ISSUE
0	01/31/20	CDM	CONSTRUCTION ISSUE
A	01/27/20	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION



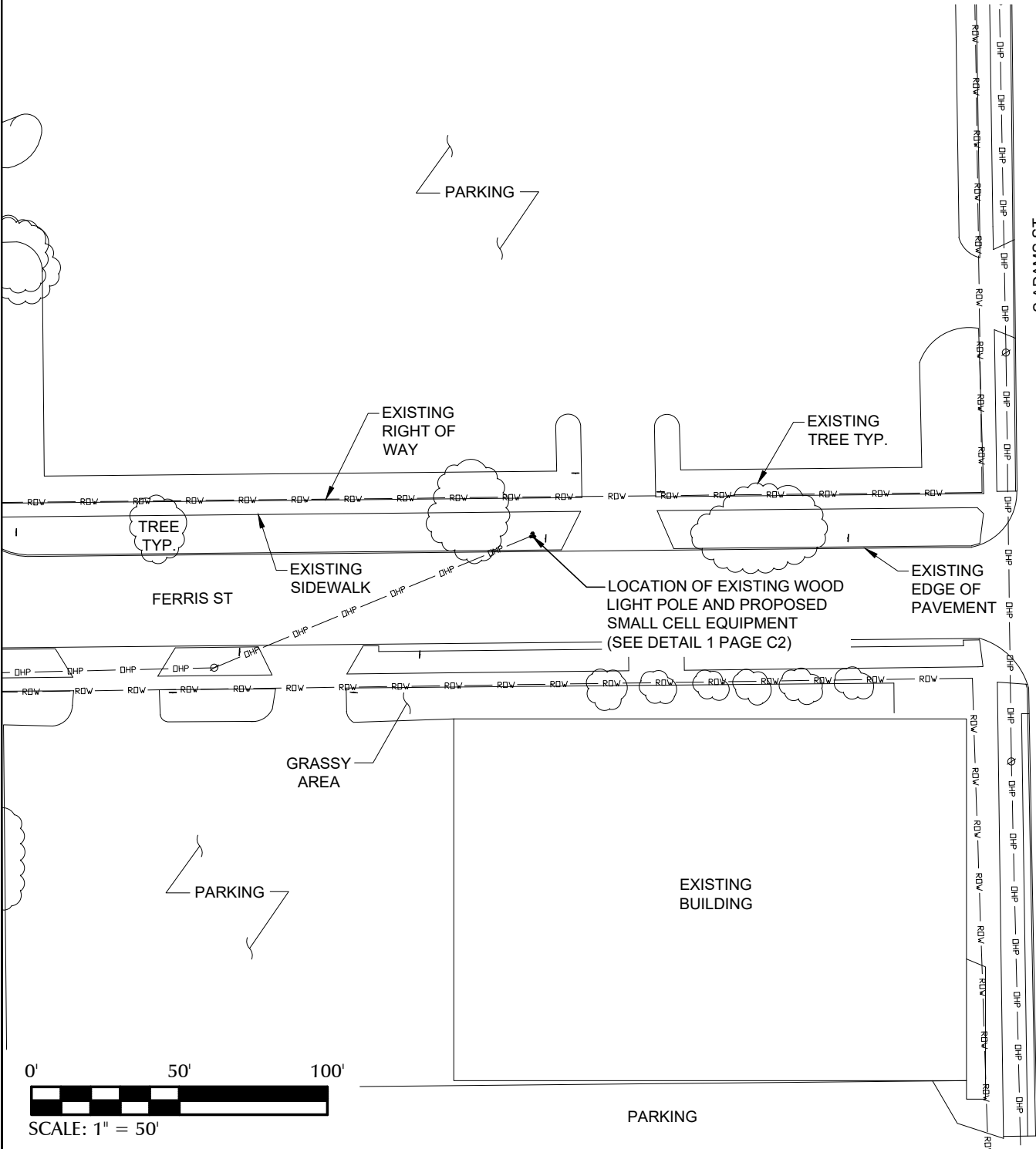
SITE NAME:	45526
ADDRESS:	301 W MICHIGAN AVE YPSILANTI, MI 48197
COUNTY:	WASHTENAW
LATITUDE:	42° 14' 23.417" N
LONGITUDE:	83° 37' 0.070" W
DESIGN TYPE:	COLOCATION

SHEET TITLE:	GENERAL NOTES
--------------	---------------

DRAWING NO.	REVISION:
GN1	1

NOTES:

1. THIS DRAWING IS BASED ON AERIAL IMAGERY AND FIELD OBSERVATIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
2. THE PROPOSED USE DOES NOT REQUIRE FULL OR PART TIME EMPLOYEES AT THE SITE.
3. FOR GENERAL SITE WORK NOTES, SEE SHEET GN1.
4. ALL NORTH ARROWS ON SITE PLANS ARE TRUE NORTH, UNLESS OTHERWISE SPECIFIED.
5. OPEN CUT CONSTRUCTION THROUGH EXISTING PAVEMENT, I.E. ROADWAYS, PARKING AREAS, SIDEWALKS WILL NOT BE ALLOWED. CONSTRUCTION UNDER EXISTING PAVEMENTS WILL BE REQUIRED TO BE INSTALLED WITH DIRECTIONAL BORING TECHNIQUE.
6. RIGHT OF WAY INFORMATION ACQUIRED FROM GIS.



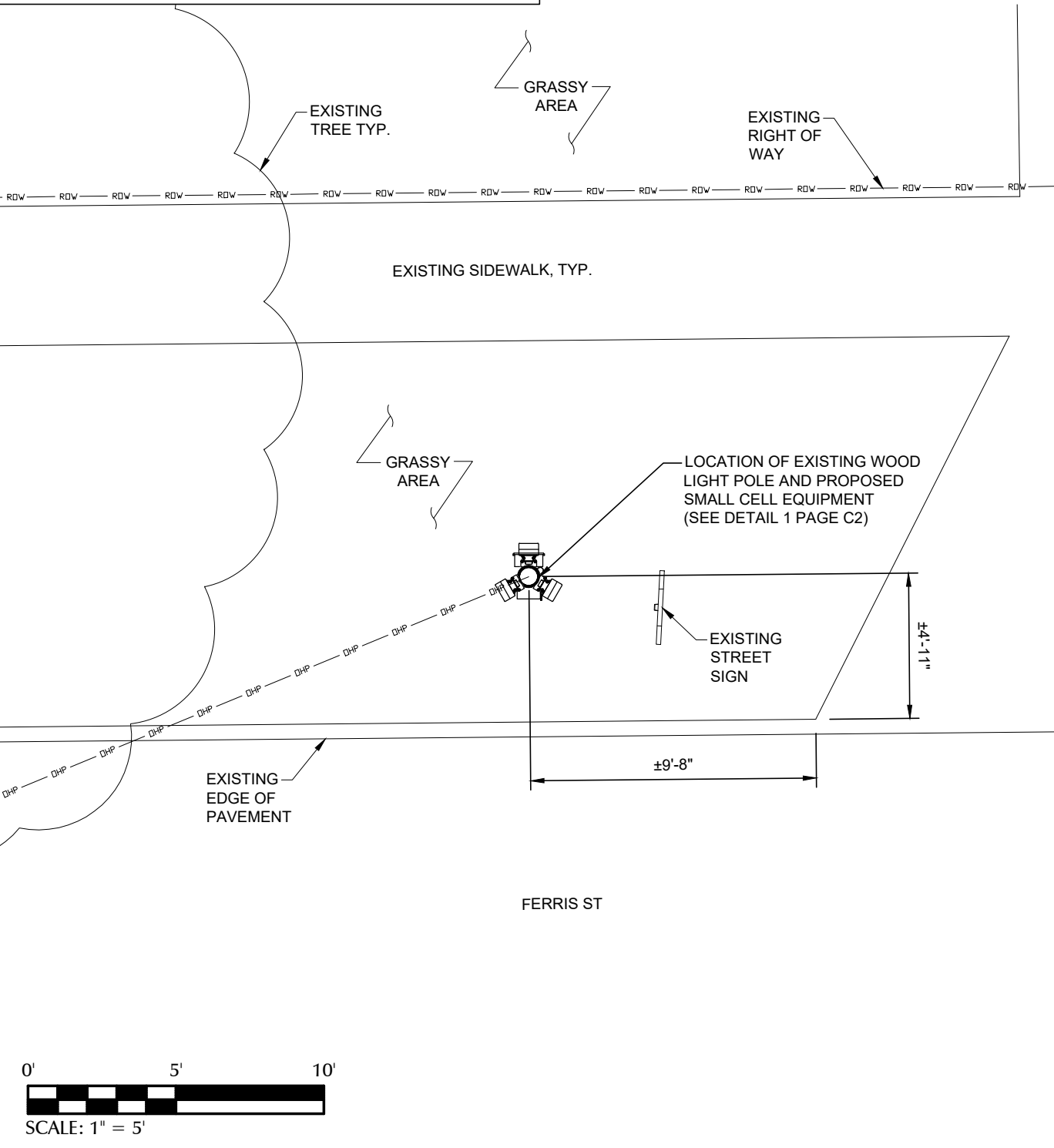
1 OVERALL SITE LAYOUT

LEGEND

OVERHEAD UTILITIES	DHU	CATCH BASIN	
UNDERGROUND POWER	UGP	STREET SIGN	
OVERHEAD POWER	DHP	4 WAY STREET SIGN	
UNDERGROUND TELCO	UGT	UTILITY POLE	
OVERHEAD TELCO	DHT	LIGHT POLE	
GAS LINE	GAS	WATER VALVE	
FENCE	X-X-X-X-X-X	MANHOLE	
WOOD FENCE	O-O-O-O-O-O	GAS VALVE	
SEWER LINE	SWR	FIRE HYDRANT	
WATER LINE	WTR	TELCO PEDESTAL	
HYBRID CABLE	HYB	ELECTRICAL BOX	
HIGH VOLTAGE POWER	HVP		
FIBER	FBR		
RIGHT-OF-WAY	RDW		
PROPERTY LINE	PL		

UTILITY NOTE:

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES HAVE NOT BEEN VERIFIED. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.



2 ENLARGED SITE LAYOUT

PREPARED FOR:



PREPARED BY:

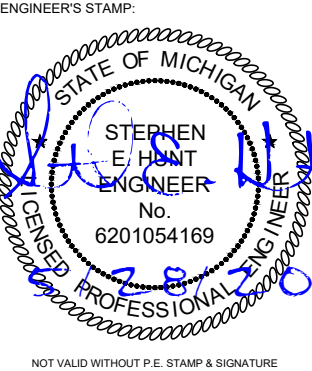


1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
1	05/28/20	JCJ	CONSTRUCTION ISSUE
0	01/31/20	CDM	CONSTRUCTION ISSUE
A	01/27/20	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION



SITE NAME:	45526
ADDRESS:	301 W MICHIGAN AVE YPSILANTI, MI 48197
COUNTY:	WASHTENAW
LATITUDE:	42° 14' 23.417" N
LONGITUDE:	83° 37' 0.070" W
DESIGN TYPE:	COLOCATION

SHEET TITLE: SITE LAYOUTS	
DRAWING NO. C1	REVISION: 1



PREPARED FOR:



PREPARED BY:



1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF
DOCUMENTS IS PROPRIETARY BY NATURE.
ANY USE OR DISCLOSURE OTHER THAN THAT
WHICH RELATES TO THE CLIENT IS STRICTLY
PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
1	05/28/20	JCJ	CONSTRUCTION ISSUE
0	01/31/20	CDM	CONSTRUCTION ISSUE
A	01/27/20	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION

ENGINEER'S STAMP:

NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME: 45526

ADDRESS: 301 W MICHIGAN AVE
YPSILANTI, MI 48197

COUNTY: WASHTENAW

LATITUDE: 42° 14' 23.417" N

LONGITUDE: 83° 37' 0.070" W

DESIGN TYPE: COLOCATION

SHEET TITLE:
SITE LAYOUT -
AERIAL IMAGERY

DRAWING NO. C1A	REVISION: 1
--------------------	----------------

CONTRACTOR TO OBTAIN
LATEST RFDS FROM VERIZON
PRIOR TO CONSTRUCTION.

MAINTAIN A MIN. OF 3'-0"
CLEARANCE BETWEEN
DISCONNECT BOX AND ANY
COMM LINES

40" MIN. CLEARANCE
BELOW NEW TRIPLEX
SERVICE

5'-0" MIN. CLEARANCE ABOVE
ANY DTE EQUIPMENT TO
BOTTOM OF ANTENNA

REFER TO RFDS FOR SMALL
CELL AZIMUTHS

NOTICE



Transmitting Antenna(s)
Radio frequency fields beyond
this point MAY EXCEED the FCC
General Population exposure
limit.
Obey all posted signs and
site guidelines.
Call Verizon at 1-800-264-6620
PRIOR to working beyond this
point.
Site ID/ PSLC: 577437 (45526)



6"x7.5" VERTICAL
RF NOTICE SIGN
TYPICAL OF 2

PROPOSED ERICSSON
6701 ANTENNA
(SEE DETAIL 1 PAGE C5)

5'-0"

EXISTING WOOD
LIGHT POLE

PROPOSED RISER
AND WEATHER HEAD,
TRIPLEX SERVICE
PROVIDED BY
OTHERS

PROPOSED 120/240V GE
TG3223R DISCONNECT BOX

PROPOSED NEMA 3R
120/240V 100A
6 POSITION PANEL

PROPOSED U-GUARD

PROPOSED POLE
MOUNTED CFIT BOX
(SEE DETAIL 2 PAGE C5)

PRE-ASSEMBLE
DISCONNECT AND
BREAKER BOX ON
THINSTRUT

FINISH GRADE

10'-0"

25'-10"
LIGHT MOUNT

26'-11"
SECONDARY POWER

38'-0"
ANTENNA CENTERLINE

40'-0" (CUT POLE)
TOP OF POLE



IN CASE OF EMERGENCY
CALL 1-800-852-2671

SITE DESIGNATION: 45526

INSTALL ON BREAKER PANEL

1 POLE ELEVATION

PREPARED FOR:



PREPARED BY:



1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF
DOCUMENTS IS PROPRIETARY BY NATURE.
ANY USE OR DISCLOSURE OTHER THAN THAT
WHICH RELATES TO THE CLIENT IS STRICTLY
PROHIBITED.

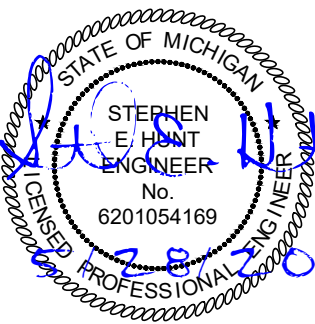
DRAWN BY: LA

CHECKED BY: CTD

REVISIONS

NO.	DATE	BY	DESCRIPTION
1	05/28/20	JCJ	CONSTRUCTION ISSUE
0	01/31/20	CDM	CONSTRUCTION ISSUE
A	01/27/20	LA	PRELIMINARY REVIEW

ENGINEER'S STAMP:



NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME: 45526

ADDRESS:
301 W MICHIGAN AVE
YPSILANTI, MI 48197

COUNTY:
WASHTENAW

LATITUDE:
42° 14' 23.417" N

LONGITUDE:
83° 37' 0.070" W

DESIGN TYPE:
COLOCATION

SHEET TITLE:
POLE ELEVATION

DRAWING NO.

C2

REVISION:

1

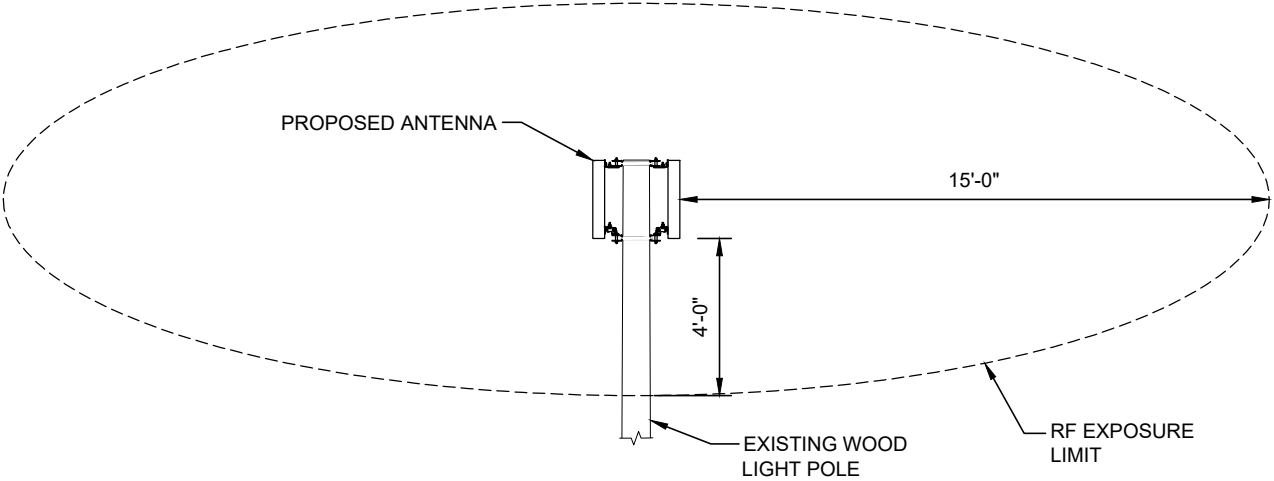
N.T.S.

POLE ATTACHED EQUIPMENT

EQUIPMENT	VOLUME (CU-FT)
6701 ANTENNA	0.46
6701 ANTENNA	0.46
6701 ANTENNA	0.46
TOTAL IN CU-FT	1.38

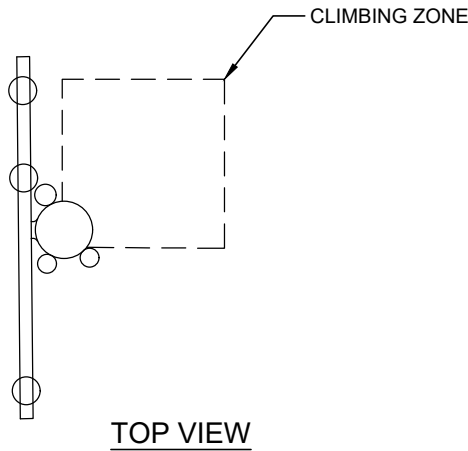
POLE ANCILLARY EQUIPMENT

EQUIPMENT	VOLUME (CU-FT)
6 POSITION PANEL	0.80
DISCONNECT	0.57
CFIT BOX	0.60
TOTAL IN CU-FT	1.97



2 RF EXPOSURE LIMIT

N.T.S.



- NOTES:
1. WORKING CLEARANCE FROM ENERGIZED ANTENNA MUST BE GREATER THAN 4 FT, OTHERWISE SHUT DOWN RADIO AND ANTENNA PER INSTRUCTIONS ON PLACARD OR BY OPENING DISCONNECT SWITCH TO RADIO EQUIPMENT ON POLE.
 2. ANTENNA AND MOUNTING BRACKETS INSTALLED ABOVE DTE WIRES MUST BE INSTALLED AND MAINTAINED BY DTE OR DTE'S DESIGNATED CONTRACTOR.
 3. VERTICAL CLIMBING ZONE MUST BE MAINTAINED ON ALL POLES. (SEE TOP VIEW)
 4. BASE CABINET TO BE CLEARLY LABELED WITH OWNER'S NAME AND 1-800 PHONE NUMBER WITH 3/4" TALL LETTERING.
 5. SHUTDOWN PLACARD TO BE PLACED ON THE POLE NEAR BASE CABINET AND DISCONNECT SWITCH BOX.
 6. 5' FT MIN. CLEARANCE ABOVE ANY DTE EQUIPMENT.
 7. ANTENNA POLE TOP CLEARANCES APPLY TO ANY DTE EQUIPMENT OR WIRES INSTALLED UNDER THE ANTENNA.

REFERENCE DTE ENERGY
CELLULAR ANTENNA SMALL CELL SITE CONSTRUCTION
LINE CONSTRUCTION STANDARDS 4-JOINT USE 1-4-26.1
DATED 11/1/2017

3 DTE CLIMBING ZONE REQUIREMENT AND NOTES

N.T.S.

PREPARED FOR:



PREPARED BY:

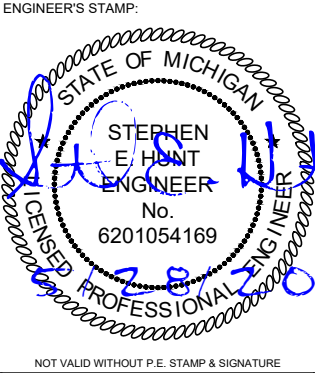


1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF
DOCUMENTS IS PROPRIETARY BY NATURE.
ANY USE OR DISCLOSURE OTHER THAN THAT
WHICH RELATES TO THE CLIENT IS STRICTLY
PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
1	05/28/20	JCJ	CONSTRUCTION ISSUE
0	01/31/20	CDM	CONSTRUCTION ISSUE
A	01/27/20	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION



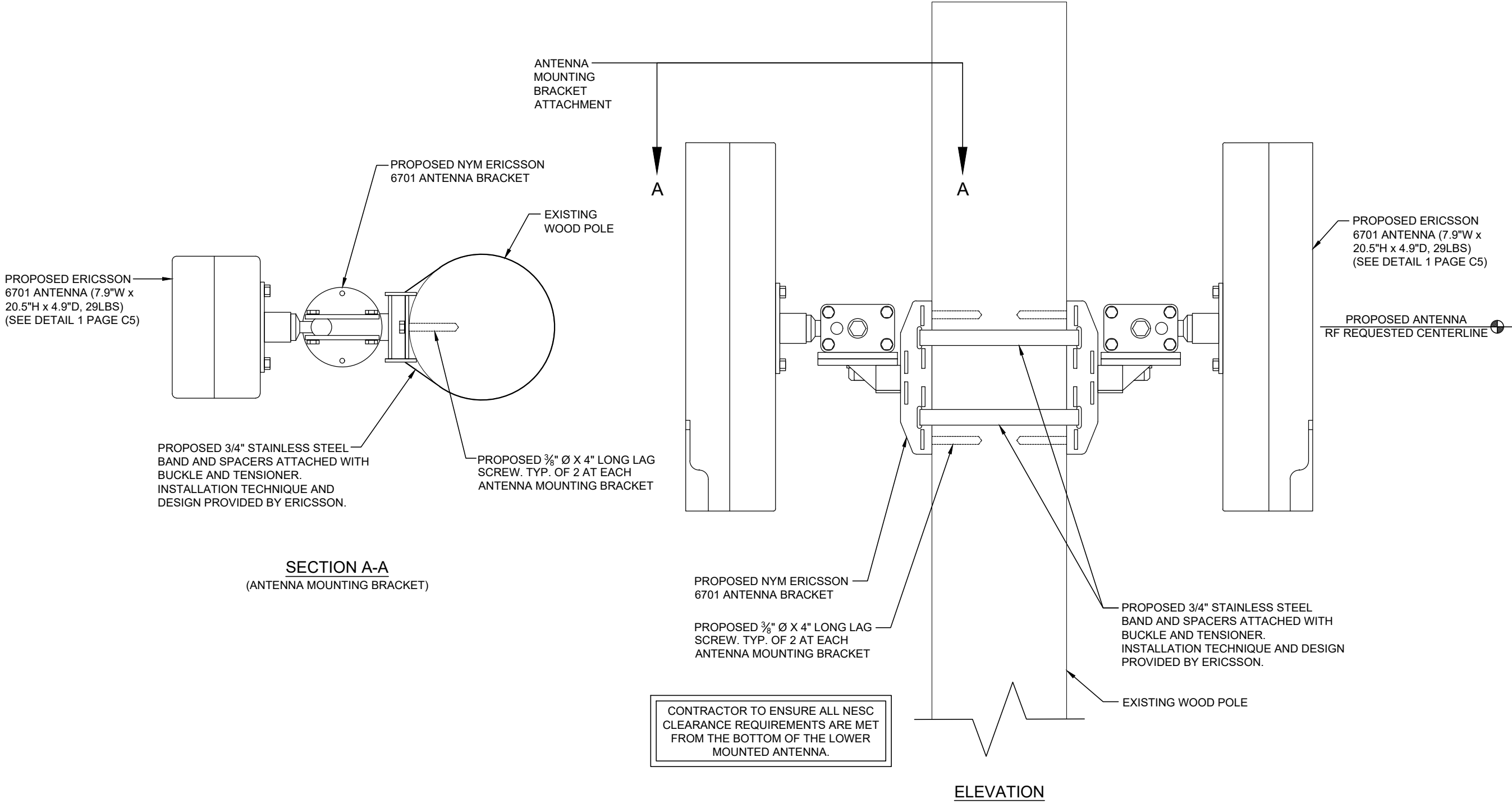
SITE NAME:	45526
ADDRESS:	301 W MICHIGAN AVE YPSILANTI, MI 48197
COUNTY:	WASHTENAW
LATITUDE:	42° 14' 23.417" N
LONGITUDE:	83° 37' 0.070" W
DESIGN TYPE:	COLOCATION

SHEET TITLE:	SITE DETAILS
--------------	--------------

DRAWING NO.	REVISION:
C3	1

1 EQUIPMENT CU-FT. TABLE

N.T.S.



PREPARED FOR:



PREPARED BY:

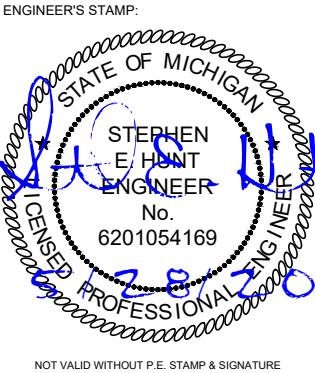


1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY: LA
CHECKED BY: CTD

REVISIONS				
NO.	DATE	BY	DESCRIPTION	
1	05/28/20	JCJ	CONSTRUCTION ISSUE	
0	01/31/20	CDM	CONSTRUCTION ISSUE	
A	01/27/20	LA	PRELIMINARY REVIEW	



SITE NAME: 45526
ADDRESS: 301 W MICHIGAN AVE
YPSILANTI, MI 48197
COUNTY: WASHTENAW
LATITUDE: 42° 14' 23.417" N
LONGITUDE: 83° 37' 0.070" W
DESIGN TYPE: COLOCATION

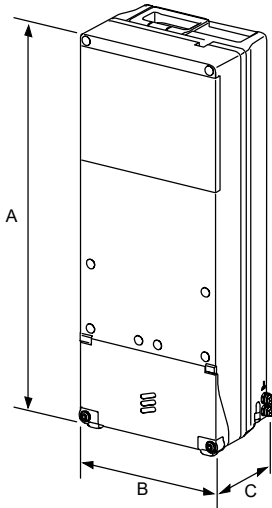
SHEET TITLE: SITE DETAILS

DRAWING NO. C4
REVISION: 1

Technical Data

Description	Value
Frequency	N261 (27.5–28.35 GHz)
Number of carriers	Config mode 2: Up to 8 Config mode 1: Up to 16
Operating bandwidth	Config mode 2: 800 MHz Config mode 1: 1600 MHz
Component carrier bandwidth	50MHz, 100 MHz
EIRP ⁽¹⁾	Config mode 2: 53 dBm per RF beam in boresight , 56 dBm per radio Config mode 1: 47 dBm per RF beam in boresight , 53 dBm per radio
EIS_REFSSENS_50M	Config mode 2: -109 dBm Config mode 1: -106 dBm

(1) The MaxTxPower can be configured up to 10 dB lower than the stated EIRP without product performance being degraded. If the MaxTxPower is configured lower than the given power limit here, significant performance degradation will occur.

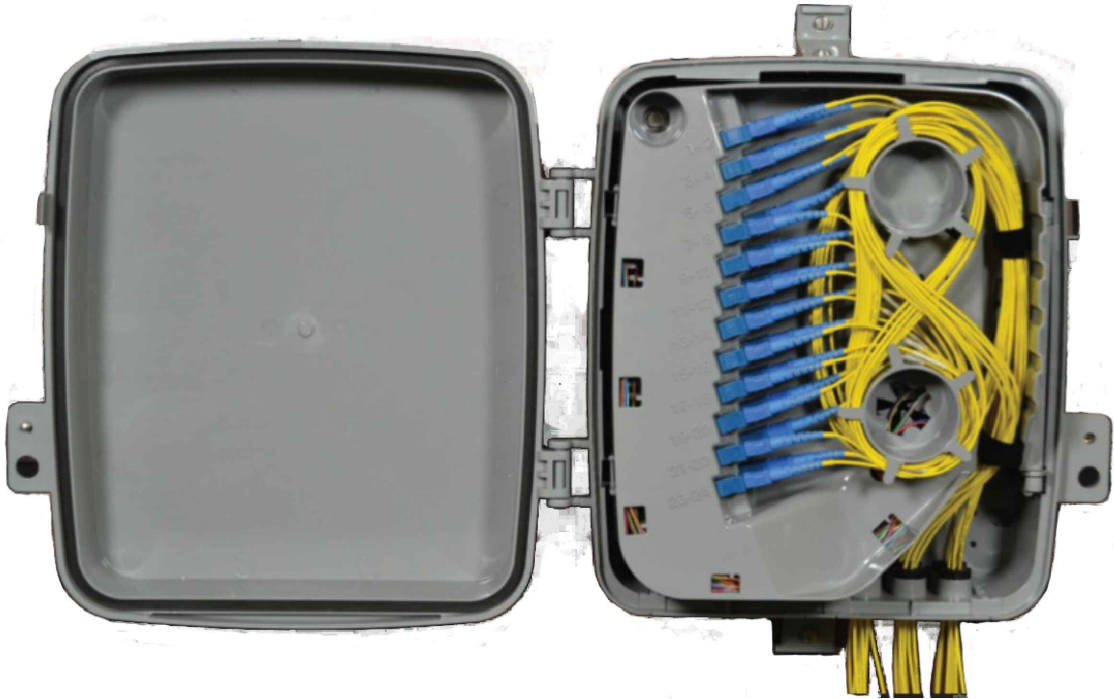


Dimensions, Weight, and Color

Dimensions	
Height (A)	511 mm
Width (B)	200 mm
Depth (C)	125 mm
Weight	14 kg
Color	Gray Reference number: NCS S 1002-B

CFIT BOX

PART CODE: CFIT-C48D4LHXVZ
DESIGNED BY CHARLES INDUSTRIES



PRODUCT SPECIFICATIONS

TECHNICAL SPECIFICATIONS	
HEIGHT (PANEL ONLY)	15 in.
DEPTH, BASE (FRONT TO BACK)	5.5 in.
WIDTH	12 in.
WEIGHT	4 lbs.
CONSTRUCTION	RUGGED UL94-5VA GRAY POLYCARBONATE
SUPPORTED FIBER CONNECTOR TYPES	SC, LC or MPO
COMPLIANCE	DESIGNED TO MEET GR-950, GR2898, NEMA 4, IP66
SPLICING CAPACITY	UP TO THREE (3) 4"x6" HINGED SPLICE TRAYS ON FEED FIBER SIDE.
BULKHEAD CAPACITY	24 SC ADAPTERS

PREPARED FOR:



PREPARED BY:

TeleCAD
Wireless

1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
1	05/28/20	JCJ	CONSTRUCTION ISSUE
0	01/31/20	CDM	CONSTRUCTION ISSUE
A	01/27/20	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION

ENGINEER'S STAMP:

STATE OF MICHIGAN
STEPHEN E. HUNT
ENGINEER
No. 6201054169
28-20
LICENSED PROFESSIONAL ENGINEER

NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:	45526
ADDRESS:	301 W MICHIGAN AVE YPSILANTI, MI 48197
COUNTY:	WASHTENAW
LATITUDE:	42° 14' 23.417" N
LONGITUDE:	83° 37' 0.070" W
DESIGN TYPE:	COLOCATION

EQUIPMENT DETAILS	
DRAWING NO.	REVISION:
C5	1

ELECTRICAL NOTES:

- 1. PROVIDE AND INSTALL WARNING TAPE FOR ELECTRIC SERVICE CONDUIT 18" ABOVE CONDUITS.
- 2. CONTRACTOR TO PAY FOR THE SERVICE AS DIRECTED BY THE MUNICIPALITY.
- 3. CONTRACTOR TO USE PVC SCH 80 CONDUIT WHERE CONDUITS CROSS ACCESS ROADS.
- 4. CONTRACTOR SHALL COORDINATE WITH ELECTRIC COMPANY FOR SERVICES.
- 5. CONTRACTOR TO PAY ALL FEES FOR SERVICES REQUIRED.
- 6. CONTRACTOR TO BE ADVISED THAT EXISTING UNDERGROUND CONDUITS, GROUND CABLES EXIST. DIG WITH CAUTION.
- 7. CONTRACTOR TO VERIFY POWER AND TELCO LB LOCATIONS AND FLEX CONDUIT SIZE AND ROUTING TO THE EQUIPMENT WITH MANUFACTURER'S DRAWINGS.
- 8. OPEN CUT CONSTRUCTION THROUGH EXISTING PAVEMENT, I.E. ROADWAYS, PARKING AREAS, SIDEWALKS WILL NOT BE ALLOWED. CONSTRUCTION UNDER EXISTING PAVEMENTS WILL BE REQUIRED TO BE INSTALLED WITH DIRECTIONAL BORING TECHNIQUE.

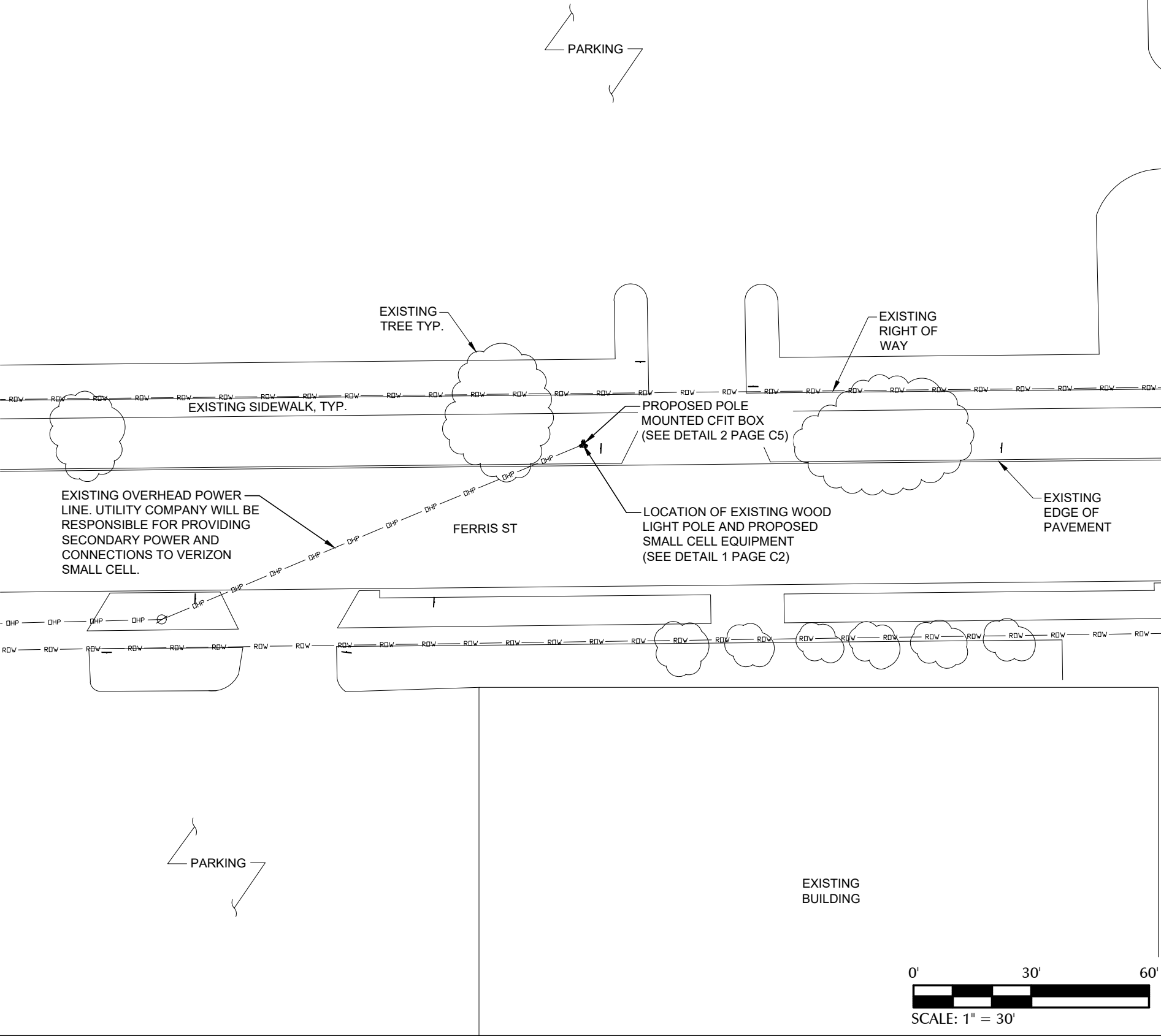
UTILITY NOTES:

- 1. ALL POWER CONDUITS ABOVE GRADE, SWEEPS, & ELBOWS TO BE PVC SCH 40.

STANDARD POWER SUPPLY FOR THE SMALL CELL NODES IS A 100 AMP 120/240 VOLT SINGLE PHASE SERVICE

SERVICE CONDUCTOR MAXIMUM DISTANCE CHART (BASED ON 80 AMP MAX. CONTINUOUS LOAD)			
WIRE SIZE	ALUMINUM 120V	COPPER 120V	CONDUIT SIZE
3 AWG	55'	90'	1" MIN
2 AWG	70'	115'	1 1/4" MIN
1 AWG	85'	145'	1 1/4" MIN
1/0 AWG	110'	180'	1 1/2" MIN
2/0 AWG	140'	230'	1 1/2" MIN
3/0 AWG	175'	290'	2" MIN
4/0 AWG	220'	365'	2" MIN
250 KCMIL	265'	435'	2" MIN
300 KCMIL	315'	520'	2 1/2" MIN
350 KCMIL	370'	610'	2 1/2" MIN
400 KCMIL	420'	695'	2 1/2" MIN
500 KCMIL	530'	870'	3" MIN

LEGEND			
OVERHEAD UTILITIES	DHU	CATCH BASIN	
UNDERGROUND POWER	UGP	STREET SIGN	
OVERHEAD POWER	DHP	4 WAY STREET SIGN	
UNDERGROUND TELCO	UGT	UTILITY POLE	
OVERHEAD TELCO	DHT	LIGHT POLE	
GAS LINE	GAS	WATER VALVE	
FENCE	x-x-x-x-x-x-x-x	MANHOLE	
WOOD FENCE	o-o-o-o-o-o-o-o	GAS VALVE	
SEWER LINE	SWR	FIRE HYDRANT	
WATER LINE	VTR	TELCO PEDESTAL	
HYBRID CABLE	HYB	ELECTRICAL BOX	
HIGH VOLTAGE POWER	HVP		
FIBER	FBR		
RIGHT-OF-WAY	RDW		
PROPERTY LINE	PL		



PREPARED FOR:

PREPARED BY:

1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
1	05/28/20	JCJ	CONSTRUCTION ISSUE
0	01/31/20	CDM	CONSTRUCTION ISSUE
A	01/27/20	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION

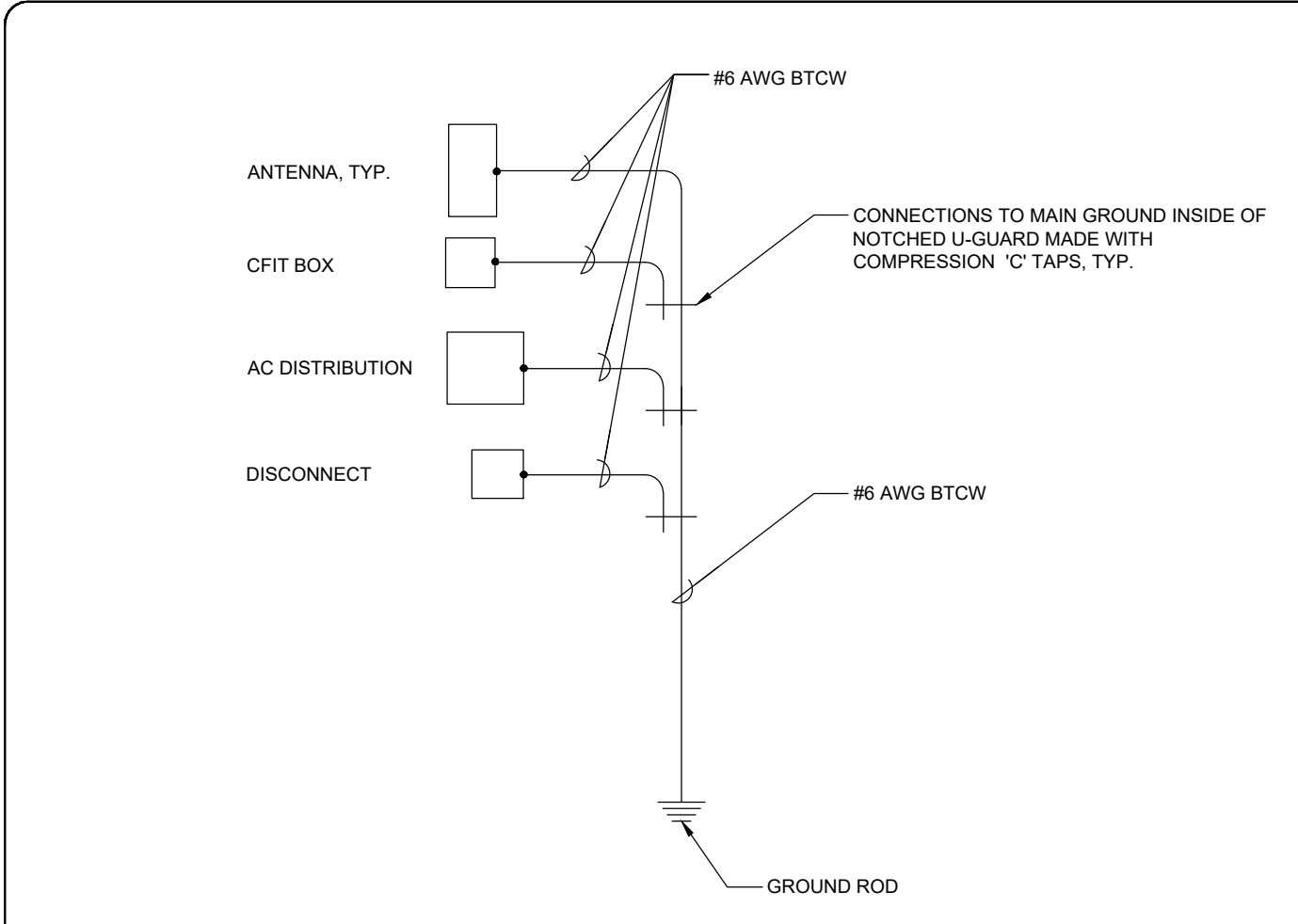
ENGINEER'S STAMP:

NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:	45526
ADDRESS:	301 W MICHIGAN AVE YPSILANTI, MI 48197
COUNTY:	WASHTENAW
LATITUDE:	42° 14' 23.417" N
LONGITUDE:	83° 37' 0.070" W
DESIGN TYPE:	COLOCATION

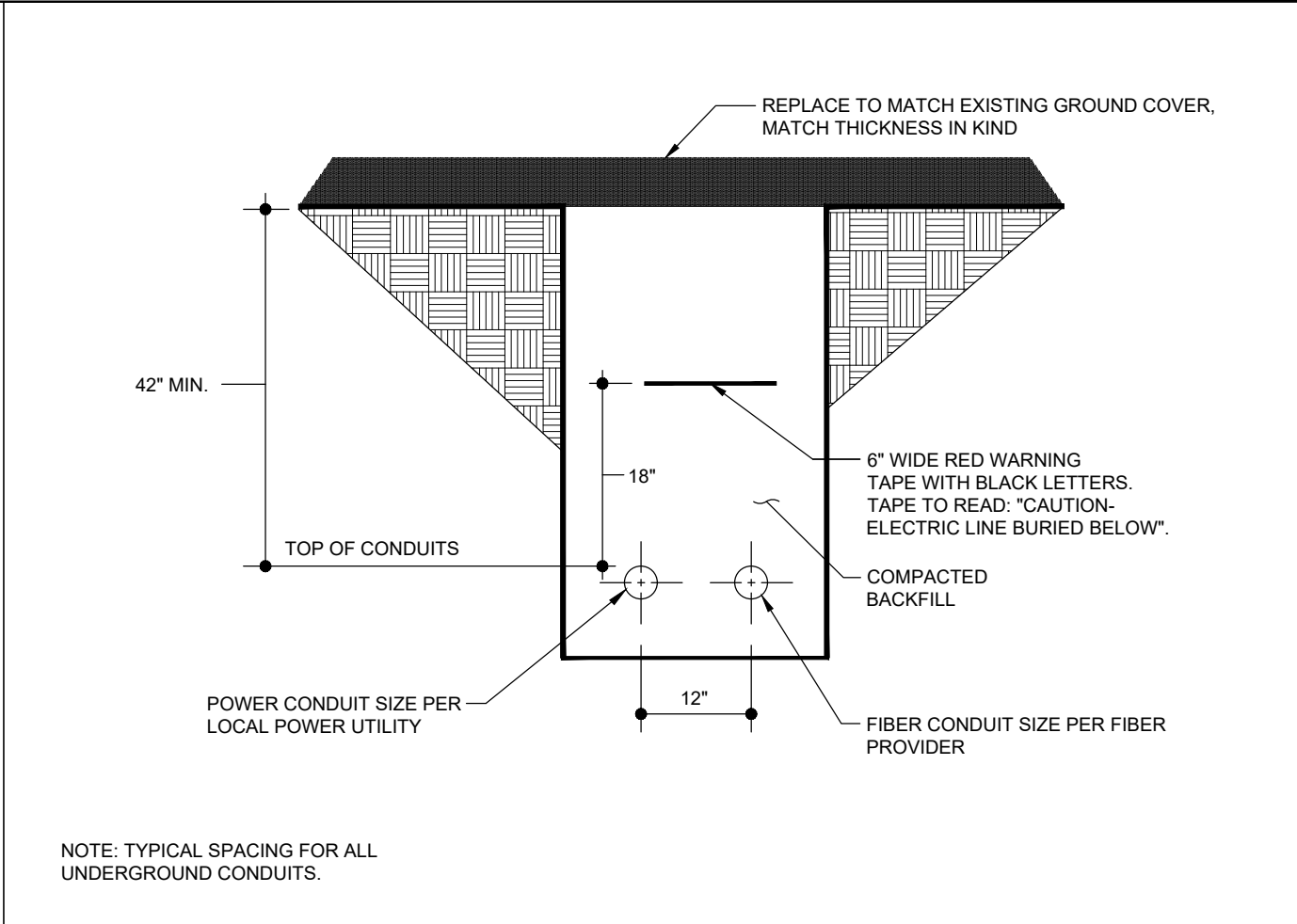
SHEET TITLE:
UTILITY SITE PLAN

DRAWING NO.	REVISION:
E1	1



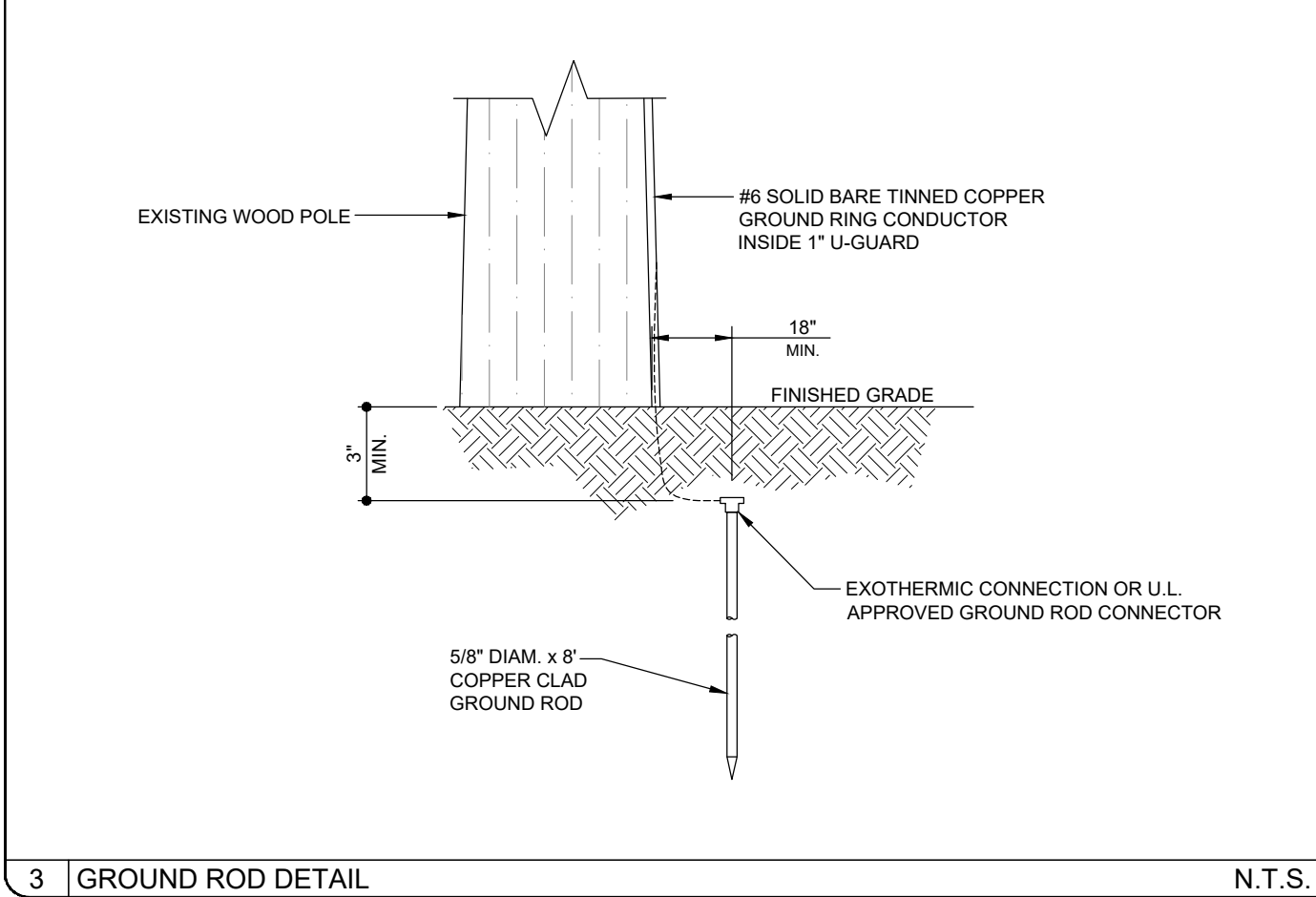
1 SINGLE POINT RADIAL GROUND DETAIL

N.T.S.



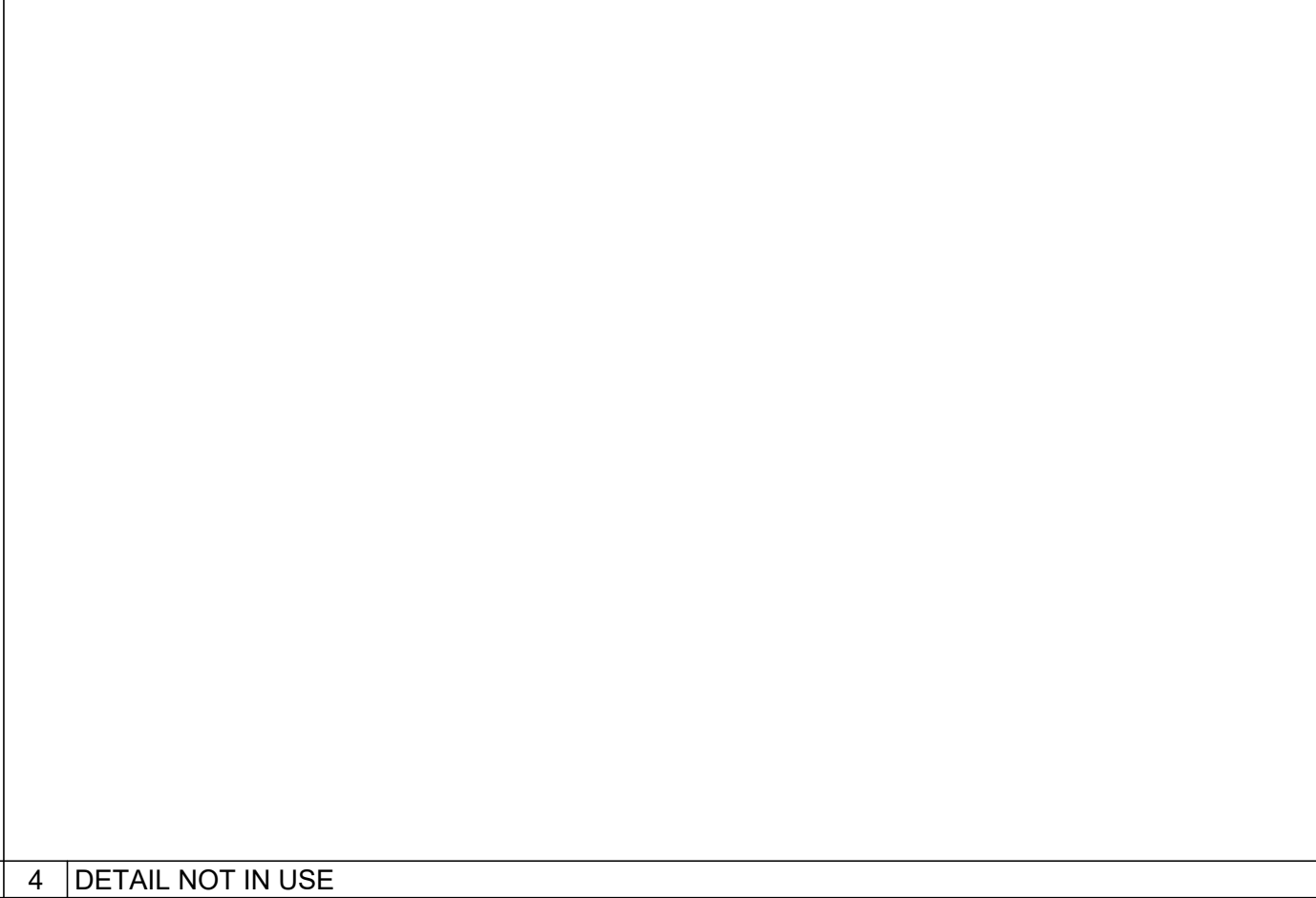
2 TRENCH DETAIL (IF REQUIRED)

N.T.S.



3 GROUND ROD DETAIL

N.T.S.



4 DETAIL NOT IN USE

PREPARED FOR:

verizon

PREPARED BY:

TeleCAD Wireless

1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY: LA
CHECKED BY: CTD

REVISIONS			
NO.	DATE	BY	DESCRIPTION
1	05/28/20	JCJ	CONSTRUCTION ISSUE
0	01/31/20	CDM	CONSTRUCTION ISSUE
A	01/27/20	LA	PRELIMINARY REVIEW

ENGINEER'S STAMP:

STATE OF MICHIGAN
STEPHEN E. HUNT
ENGINEER
No. 6201054169
28-20
LICENSED PROFESSIONAL ENGINEER

NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME: 45526

ADDRESS: 301 W MICHIGAN AVE
YPSILANTI, MI 48197

COUNTY: WASHTENAW

LATITUDE: 42° 14' 23.417" N

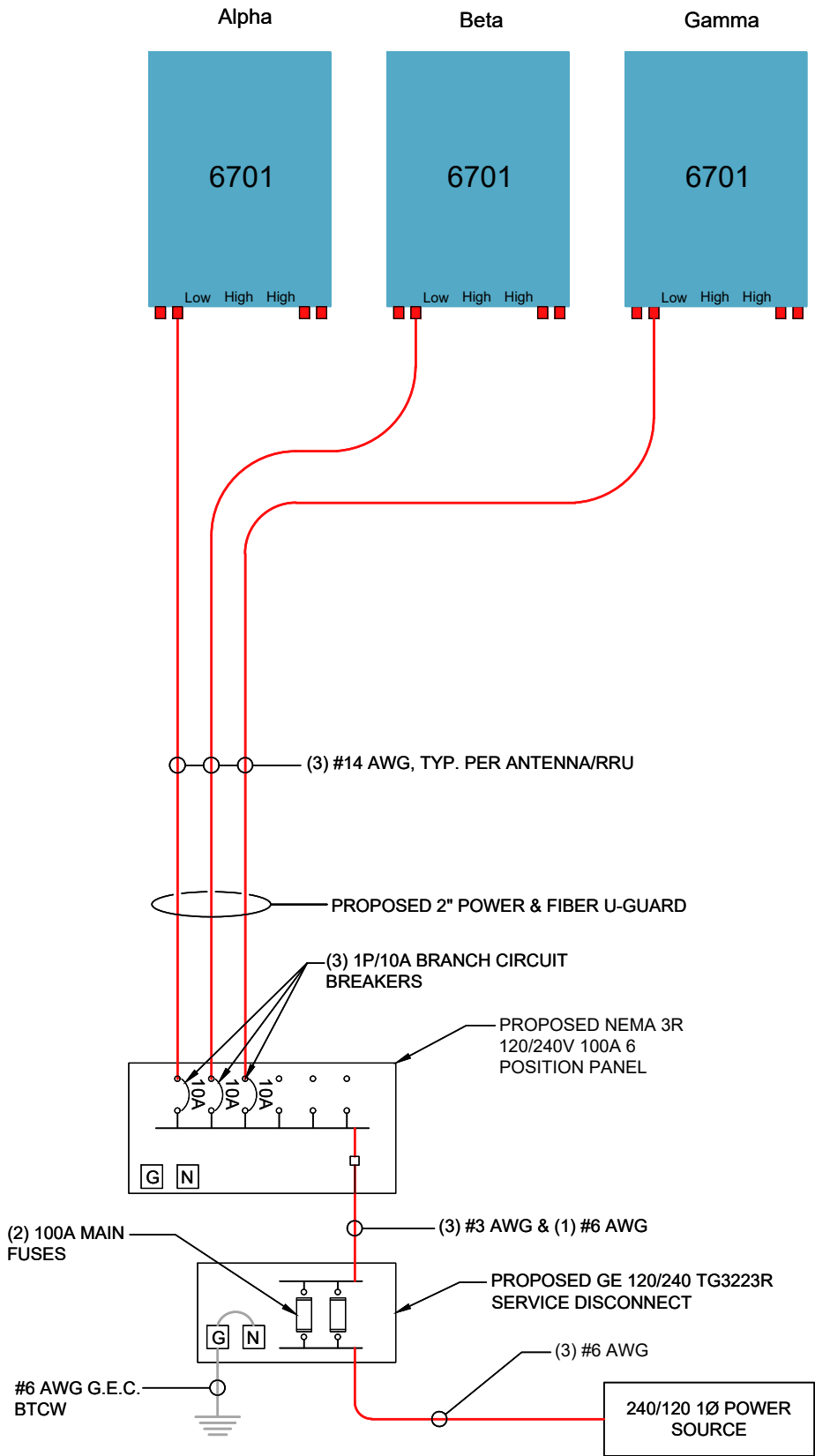
LONGITUDE: 83° 37' 0.070" W

DESIGN TYPE: COLOCATION

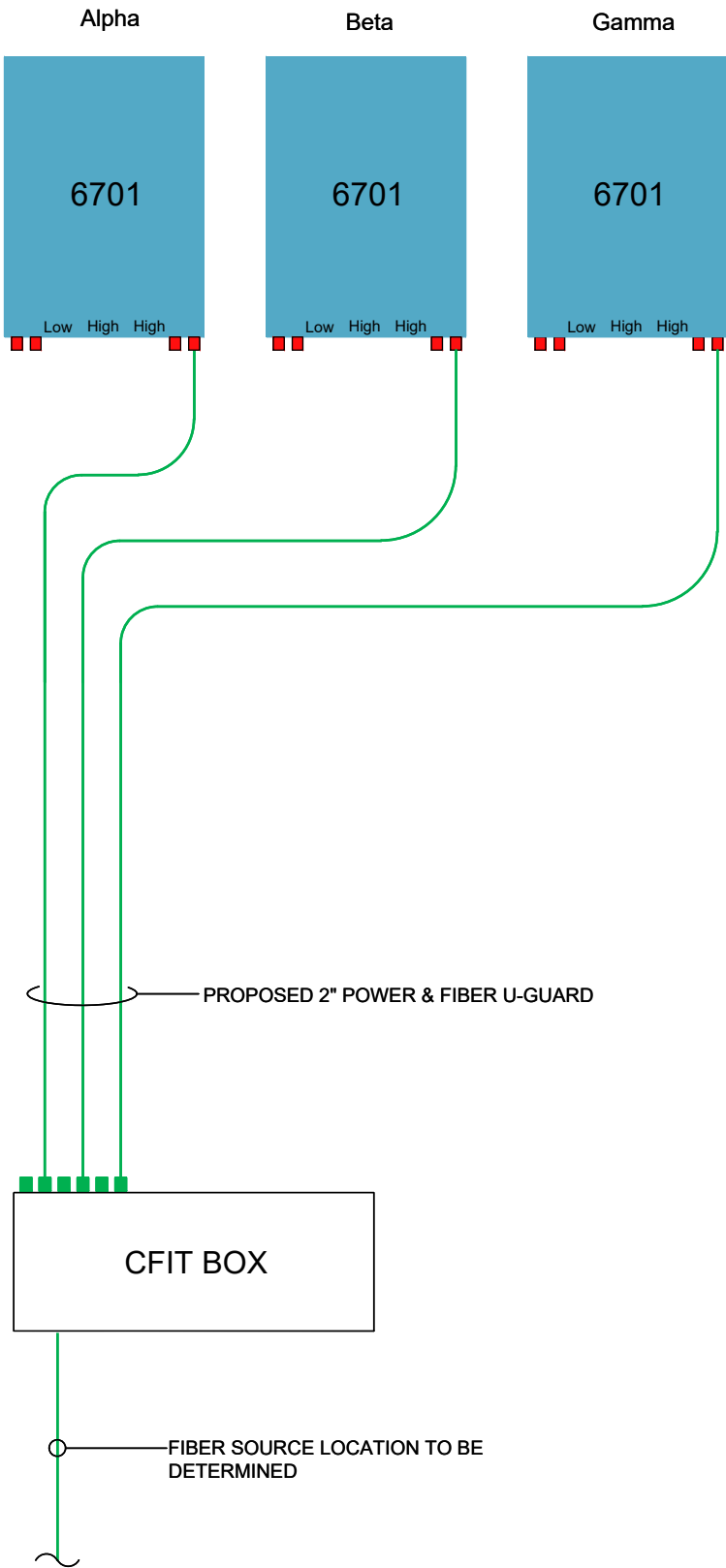
SHEET TITLE: ELECTRICAL DETAILS

DRAWING NO.	REVISION:
E2	1

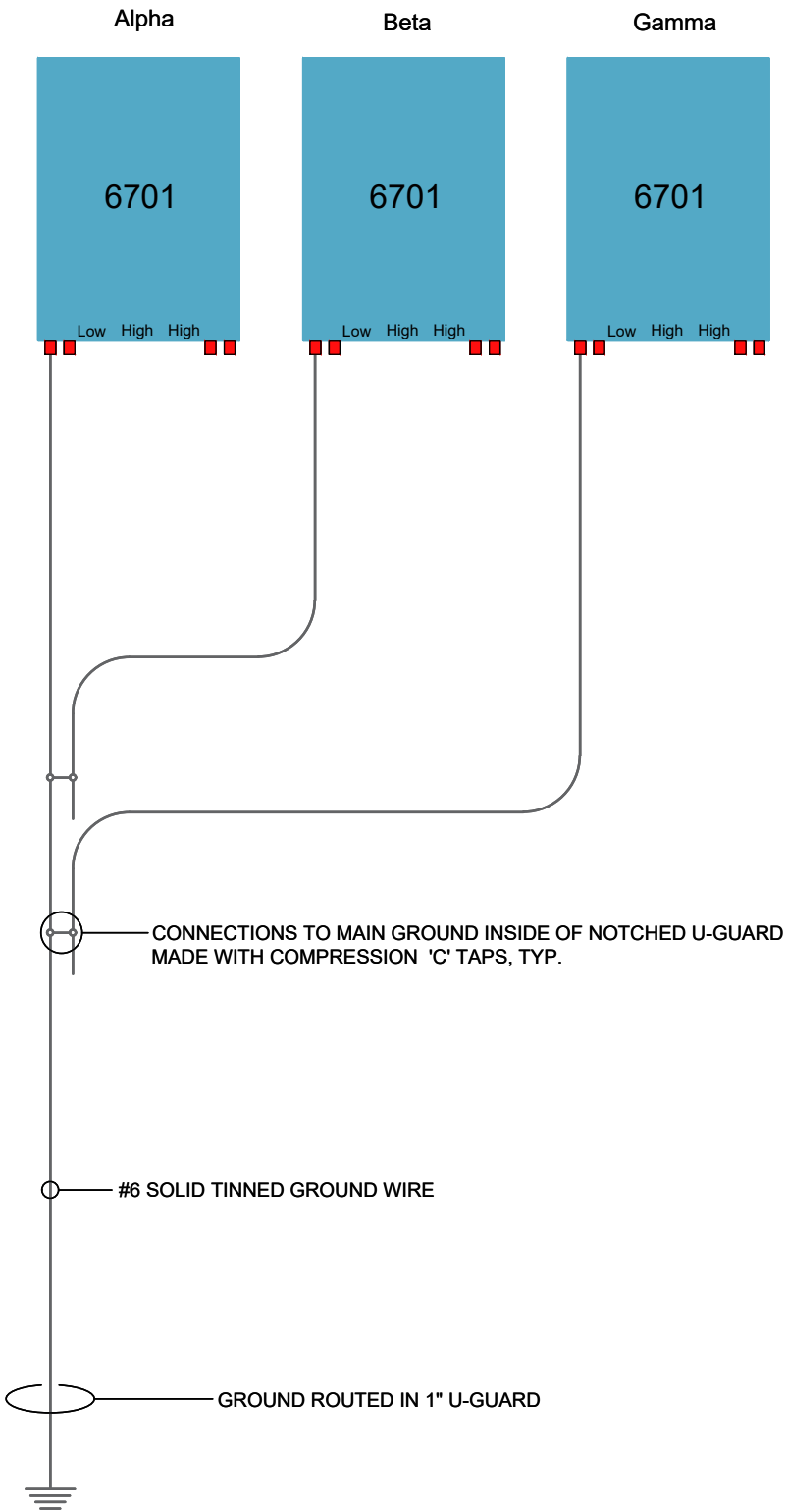
POWER ROUTING



FIBER ROUTING



GROUND ROUTING



PREPARED FOR:



PREPARED BY:

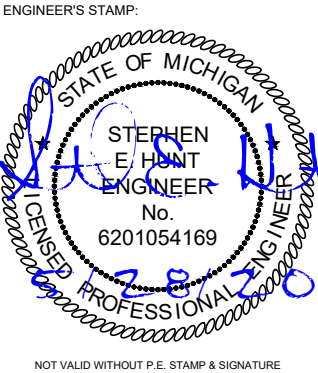


1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY: LA
CHECKED BY: CTD

REVISIONS			
1	05/28/20	JCJ	CONSTRUCTION ISSUE
0	01/31/20	CDM	CONSTRUCTION ISSUE
A	01/27/20	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION



SITE NAME: 45526
ADDRESS: 301 W MICHIGAN AVE
YPSILANTI, MI 48197
COUNTY: WASHTENAW
LATITUDE: 42° 14' 23.417" N
LONGITUDE: 83° 37' 0.070" W
DESIGN TYPE: COLOCATION

SHEET TITLE: SINGLE LINE DIAGRAM

DRAWING NO. E3
REVISION: 1



Facing northeast to existing light pole.



Facing east from light pole.



Facing southeast from light pole.



Facing northeast from light pole.



HDC Work Permit Staff Review

Property address: 401 N Adams (302 W Cross)

Property History: The proposed work is in the right-of-way at the northwest corner of N Adams and W Cross. The applicant lists the address as 401 N Adams, however the adjacent property is 302 W Cross.

The property at 302 W Cross includes a Gothic Revival-style house that is believed to have been built in the 1850s by Erastus Samson. Mr. Samson also owned a drug store downtown at 118 W Michigan, a building that is also Gothic Revival. The house is contributing to the historic district.

Date of Application: February 7, 2020

Date of Review: February 18, 2020

Date of Meeting: February 25, 2020

Proposed work: Small cell communication system.

Materials: Wood pole, antennas, power boxes, fiber boxes.

Staff review:

1. The application is to install a communication antenna atop an existing DTE light pole.
 - a. The added communication features will extend the pole to 38'-6" from ground to top.
 - b. The pole will be surmounted by a small cell communication feature, consisting of three antennas.
 - c. A caution sign will be placed between the light fixture and antennas.
 - d. Various connection boxes will be placed 10' above ground level.
2. Staff spoke with a SHPO reviewer in February regarding a similar installation on N Hamilton Street. They said that these new colocation antennas are much smaller than earlier installations and appear to have minimal impact on historic resources.

1. Use property for original purpose or provide compatible use with minimal alteration.

2. Do not destroy original character. Do not remove or alter historic material or features.

3. Do not imitate earlier styles.

4. Preserve significant changes acquired over time.

5. Preserve distinctive features.

6. Repair, don't replace. Replacements shall match original.

7. Clean building gently—no sandblasting.

8. Preserve archaeological resources.

9. Contemporary designs shall be compatible and shall not destroy significant original material.

10. New work shall be removable.

Recommended Motions:

Move to approve and issue a certificate of appropriateness for the work at 401 N Adams as submitted in the application, dated December 1, 2020, for modification of an existing light pole to include the features in submitted drawings, including antennas, signage, and connection boxes.

Relevant Secretary of the Interior's Standards:
#10

Prepared by:
Scott E. Slagor, Preservation Planner



City of Ypsilanti
Historic District Commission
Work Permit Application

One South Huron • Ypsilanti, MI 48197
Phone: (734) 483-9646 • Fax: (734) 483-7260
www.cityofypsilanti.com

OFFICE USE ONLY

Date Filed:

Meeting Date:

Action Item/Study Item

To complete this application:

1. Complete this form.
2. Attach the following documents:
 - a. Photo(s) showing all locations where work is proposed (can be emailed).
 - b. Catalog cut sheets or similar details for windows, doors, light fixtures, and any other manufactured or preassembled components—this includes information from catalogues, professional quotes, or websites (can be emailed).
 - c. Dimensioned drawings of any new construction or modifications to existing structures, including awnings and signs.
 - d. A sketch plan, if proposal is for work on the grounds and not just the main structure (e.g., installing a new driveway, fence, or shed). This can be drawn on a scaled copy of a mortgage survey.
3. Applications and materials must be received by the Building Department **no later** than 4pm on the Tuesday one week prior to the meeting.

INCOMPLETE APPLICATIONS WILL NOT BE PLACED ON THE AGENDA

Property

Address

401 North Adams St.

Applicant

**If applicant is not owner of property, a written statement from the owner authorizing this application must be included.*

Name

Verizon Wireless - David Haslinger

Address

City

Southfield

State

MI

Zip

48075

Phone / Fax

E-Mail

Contractor

Contractor Name & Contact Info

Type of work

☐ Roofing

☐ Window/Door
Replacement

☐ Porches

☐ Sign

☐ Fence (or other sitework)

☐ Painting

☒ Other

☐ Application Amendment

Complete Description of Proposed Work:

Verizon is proposing small cell equipment on an existing DTE Pole.

Materials (for paint include color chips or samples with application):**Permit Application Fee (action items only)**

The fee is \$45 for the first \$3,000 in construction cost plus \$5 for every additional \$3,000 of construction cost. There is a flat fee of \$10 for painting only. *An additional fee of \$50 applies to HDC work started without the applicable permit.*

Construction Cost:

Permit fee:

\$45 + _____ =

Signature

I hereby attest that the above information is accurate. I am authorized to and grant permission to the City of Ypsilanti staff to be on the subject property for the purposes of preparing staff reports and/or evaluating this application.

I further affirm that this property has, or will have before the proposed work is completed, a fire alarm system or smoke alarm complying with the Stille-DeRossett-Hale single-state construction code, PA 230 of 1972, as amended.

Signature:



Date:

12-01-2020

Print Name:

David Haslinger

If you have questions about what the HDC generally permits or does not permit, or what they need to see in an application to render a decision, please call the office at 734-483-9646 or view our factsheets online at cityofypsilanti.com/hd.

All other necessary approvals and permits must be acquired before beginning work.



**City of Ypsilanti
Historic District Commission
Work Permit Application
Check List**

Is your application complete?!
Do you have the following?

For painting projects:

- ✓ A detailed description of what you will be painting (trim, siding, deck, etc.)
- ✓ A list of all the materials you plan to use (paint brands, color names, etc.)
- ✓ Color chips or samples of the proposed paint colors
- ✓ Photographs of the property
- ✓ A description of how you plan to prep your surfaces for new paint (the HDC does not allow power washing or sand blasting)

For window projects:

- ✓ A detailed description of your plans for the windows—are you replacing them entirely? Just the sash kits?
- ✓ A cut sheet, catalogue sheet, or print-out with a photo of the proposed window, its dimensions and its materials (vinyl windows are generally not permitted in the district)
- ✓ Photographs of the existing windows showing their deterioration or lack of functionality

For roofing projects:

- ✓ A detailed description of the proposed roof work (Removing existing shingles? Replacing entire roof or portions?)
- ✓ Information about your plans for venting (can vents are generally not permitted in the district)
- ✓ Plans for the flashing and drip edge—what color will they be?
- ✓ Brand name and style of proposed new roofing—include a cut sheet, catalogue sheet, or print-out with details about proposed shingles
- ✓ Color of the new shingles

For all other projects:

- ✓ A detailed description of the proposed work
- ✓ A list of all materials to be used in proposed work
- ✓ Samples or chips of any paint or stain
- ✓ A site plan for any application involving the installation of something on the site (fencing, out buildings, major landscaping, etc.)
- ✓ Cut-sheets, catalogue sheets, or print-outs with details on any materials you are using (like composite wood materials, solar panels, siding, shingles, alternative materials, or anything with specific dimensions)

For fencing projects:

- ✓ Site plan or drawing of lot showing placement of fence in relation to buildings/property
- ✓ Proposed fencing material and style
- ✓ Color chip or sample of proposed paint or stain (wood must be finished with an opaque stain or paint)

Without this required information, your application will be considered incomplete and will not be added to the agenda until the necessary information is received.



February 20, 2020

Scott Hubble
Verizon Wireless

[REDACTED]
Southfield, MI 48075

DTE is working with Verizon Wireless to facilitate the installation of their communication fiber, small wireless communications equipment, associated antennas and transmission cables on DTE owned poles located on public or private right of ways within Washtenaw County, Michigan (excluding steel, aluminum, fiberglass streetlight or ornamental poles).

This letter serves as notification for Verizon submissions as described above within the jurisdiction.

DTE is currently in an agreement with Verizon Wireless to provide joint use space on DTE owned assets that meet internal requirements. The full details of this agreement are protected under a mutual non-disclosure agreement.

Please call me if you have any questions regarding this letter.

Sincerely,

[REDACTED]
Aaron Belanger
Principal Supervisor
DTE / Marketing / Joint Use
(313)235-7267

GENERAL NOTES

1. THESE NOTES SHALL BE CONSIDERED A PART OF THE WRITTEN SPECIFICATIONS.
2. THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED IN THE CONTRACT DOCUMENTS.
3. PRIOR TO THE SUBMISSION OF BIDS, THE CONTRACTOR(S) SHALL VISIT THE JOB SITE(S) AND BE RESPONSIBLE FOR ALL CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS AND CONFIRMING THAT THE WORK MAY BE ACCOMPLISHED PER THE CONTRACT DOCUMENTS. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE IMPLEMENTATION ENGINEER AND ARCHITECT/ENGINEER.
4. THE CONTRACTOR SHALL RECEIVE WRITTEN AUTHORIZATION TO PROCEED ON ANY WORK NOT CLEARLY DEFINED OR IDENTIFIED IN THE CONSTRUCTION DOCUMENTS BEFORE STARTING ANY WORK.
5. ALL WORK PERFORMED AND MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES INCLUDING APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS.
6. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH THE MANUFACTURER RECOMMENDATIONS. IF THESE RECOMMENDATIONS ARE IN CONFLICT WITH THE CONTRACT DOCUMENTS AND/OR APPLICABLE CODES OR REGULATIONS, REVIEW THE CONFLICT FOR DIRECTION WITH THE IMPLEMENTATION ENGINEER AND ARCHITECT/ENGINEER PRIOR TO PROCEEDING.
7. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES AND FOR COORDINATION OF ALL PORTIONS OF THE WORK UNDER THE CONTRACT INCLUDING CONTACT AND COORDINATION WITH THE IMPLEMENTATION TEAM AND WITH THE AUTHORIZED REPRESENTATIVE OF ANY OUTSIDE POLE OR PROPERTY OWNER. (BASE COMMANDER OR AUTHORIZED AGENT)
8. THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, PAVING, CURBS, VEGETATION, GALVANIZED SURFACE OR OTHER EXISTING ELEMENTS AND UPON COMPLETION OF THE WORK, REPAIR ANY DAMAGE THAT OCCURRED DURING CONSTRUCTION TO THE SATISFACTION OF EXTENT.
9. KEEP THE GENERAL AREA CLEAN, HAZARD FREE AND DISPOSE OF ALL DIRT, DEBRIS, RUBBISH AND REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY. LEAVE PREMISES IN CLEAN CONDITION DAILY.
10. PLANS ARE INTENDED TO BE DIAGRAMMATIC ONLY AND SHOULD NOT BE SCALED UNLESS OTHERWISE NOTED. RELY ONLY ON ANNOTATED DIMENSIONS AND REQUEST INFORMATION IF ADDITIONAL DIMENSIONS ARE REQUIRED.
11. THE EXISTENCE AND LOCATION OF UTILITIES AND OTHER AGENCY'S FACILITIES ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. OTHER FACILITIES MAY EXIST BEYOND WHAT IS NOTED. CONTRACTOR SHALL VERIFY LOCATIONS PRIOR TO START OF CONSTRUCTION AND USE EXTREME CARE AND PROTECTIVE MEASURES TO PREVENT DAMAGE TO THESE FACILITIES. CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF UTILITIES OR OTHER AGENCY'S FACILITIES WITHIN THE LIMITS OF THE WORK, WHETHER THEY ARE IDENTIFIED IN THE CONTRACT DOCUMENTS OR NOT.
12. ALL MOUNTING HARDWARE SUCH AS BOLTS, NUTS, LAG SCREWS, CLEVIS, CONDUIT STRAPS, STAPLES, (ANYTHING EXPOSED AND CONNECTING EQUIPMENT TO THE POLE SHALL BE HOT DIPPED GALVANIZED, UNLESS OTHERWISE STATED)

DEFINITIONS

1. "TYPICAL" OR "TYP." MEANS THAT THIS ITEM IS VIRTUALLY IDENTICAL ACROSS SIMILAR CONDITIONS. "TYP." SHALL BE UNDERSTOOD TO MEAN "TYPICAL WHERE OCCURS" AND SHALL NOT BE CONSIDERED AS WITHOUT EXCEPTION OR CONSIDERATION OF SPECIFIC CONDITIONS.
2. "SIMILAR" MEANS COMPARABLE TO CHARACTERISTICS FOR CONDITION NOTED. VERIFY DIMENSIONS AND ORIENTATION ON PLAN.
3. "AS REQUIRED" MEANS AS REQUIRED BY REGULATORY REQUIREMENTS BY REFERENCED STANDARDS, BY EXISTING CONDITIONS, BY GENERALLY ACCEPTED CONSTRUCTION PRACTICE OR BY THE CONTRACT DOCUMENTS.
4. "ALIGN" MEANS ACCURATELY LOCATE FINISH FACES OF MATERIALS IN THE SAME PLANE.
5. THE TERM "VERIFY" OR "V.I.F" SHALL BE UNDERSTOOD TO MEAN VERIFY IN FIELD WITH ARCHITECT AND REQUIRES THAT THE CONTRACTOR CONFIRM INTENTION REGARDING NOTED CONDITION AND PROCEED ONLY AFTER RECEIVING DIRECTION.
6. WHERE THE WORDS "OR EQUAL" OR WORDS OF SIMILAR INTENT FOLLOW A MATERIAL SPECIFICATION, THEY SHALL BE UNDERSTOOD TO REQUIRE SIGNED APPROVAL OF ANY DEVIATION TO SAID SPECIFICATION PRIOR TO CONTRACTOR'S ORDERING OR INSTALLATION OF SUCH PROPOSED EQUAL PRODUCT.
7. FURNISH: SUPPLY ONLY, OTHERS TO INSTALL. INSTALL: INSTALL ITEMS FURNISHED BY OTHERS. PROVIDE: FURNISH AND INSTALL.

PROJECT SPECIFIC NOTES

1. THIS SET IS PROVIDED TO ILLUSTRATE THE EXPECTED SCOPE OF DRAWINGS, QUALITY OF DRAWINGS AND EXTENT GRAPHIC STANDARDS. NOTES ARE FOR A&E CONTRACTOR REFERENCE TO HELP CLARIFY THE SCOPE. ADDITIONAL DRAWINGS MAY BE REQUIRED TO MEET THE REQUIREMENTS OF A GIVEN BASE. ALL EXAMPLES SHOWN ARE FOR REFERENCE ONLY AND ANY NOTES, DETAILS, CALCULATIONS OR OTHER WORK NEEDS TO BE COMPLETED OR CONFIRMED BY THE CONTRACTOR GENERATING THE DRAWINGS IN CONSTRUCTION DOCUMENTS.
2. THIS SET IS TO BE PRINTED AT 11" x 17". IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONFIRM THIS SIZE IS ACCEPTABLE BY THE BASE AND TO PROVIDE A LARGER STANDARD SIZE IF REQUIRED.
3. IT IS THE RESPONSIBILITY OF THE ENGINEER TO CONFIRM ALL WORK SHOWN IS IN COMPLIANCE WITH BASE AND FEDERAL CODES. DRAWINGS SHOWN WITHIN THIS SET ARE SAMPLES AND MAY NOT REFLECT ALL OF THE REQUIRED ELEMENTS, CLEARANCES OR OTHER ITEMS OF ASSEMBLIES NEEDED TO BE CODE COMPLIANT IN THE PARTICULAR MUNICIPALITY THE NODE IS LOCATED WITHIN.

GROUND CONSTRUCTION NOTES:

1. 120/240V POWER REQUIRED FOR 3-WIRE SERVICE.
2. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH FEDERAL STANDARDS AND REGULATIONS AS WELL AS NEC.
3. CALL MICHIGAN ONE CALL 72 HOURS PRIOR TO EXCAVATING AT (800) 482-7171.
4. ALL LANDSCAPING TO BE RESTORED TO ORIGINAL CONDITION OR BETTER.
5. ALL EQUIPMENT TO BE BONDED.
6. METERING CABINET (IF INSTALLED) REQUIRES 3' CLEARANCE AT DOOR OPENING.

STANDARD GROUNDING NOTES:

1. GROUND TESTED AT 25 OHMS OR LESS.
2. 5/8" x 8' RODS, CAD WELD OR UL LISTED DIRECT BURY CLAMP BELOW GRADE.
3. #6 GROUND AND BOND WIRE.
4. MOLDING, STAPLED EVERY 1' AND AT EACH END.
5. GROUND RODS 18" FROM POLE.

STANDARD CONDUIT NOTES:

1. FOR UNDERGROUND CONDUIT AND ABOVE GRADE RISERS USE SCHEDULE 40.
2. IF DIRECTIONAL BORING PLACE 1-1/4" SDR-11 GRAY CONDUIT FOR UNDERGROUND POWER APPLICATIONS.
3. IF TRENCHING, PLACE PVC SCH 40 CONDUIT PER TABLE ON SHEET E1 FOR UNDERGROUND POWER APPLICATIONS.
4. RISERS TO BE ATTACHED TO POLE WITH STANDARD STRAPS AND LAG SCREWS.
5. RISER STRAPS TO BE INSTALLED EVERY 5'.
6. CONDUIT UNDER 1" MAY BE ATTACHED WITH GROUND WIRE MOLDING STAPLES.
7. ALL CONDUIT WILL BE PROOFED WITH A MANDREL AND EQUIPPED WITH PULL ROPE OR MULE TAPE.

STANDARD TRENCHING NOTES:

1. MAINTAIN 36" MINIMUM COVER FOR ELECTRICAL CONDUIT.
2. MAINTAIN 36" MINIMUM COVER FOR COMMUNICATION CONDUIT.
3. IN STREET SLURRY TO GRADE AND MILL DOWN 1-1/2" FOR AC CAP.
4. IN DIRT SLURRY 18" FROM GRADE AND FILL WITH 95% COMPACTION NATIVE SOIL FOR BALANCE.
5. PLACE WARNING TAPE IN TRENCH 12" ABOVE ALL CONDUITS AND #18 WARNING TAPE ABOVE GROUND EQUIPMENT.

UTILITY POLE CONSTRUCTION NOTES:

1. NO BOLT THREADS TO PROTRUDE MORE THAN 1/2".
2. FILL ALL HOLES LEFT IN POLE FROM REARRANGEMENT OF CLIMBERS.
3. ALL CLIMB STEPS NEXT TO CONDUIT SHALL HAVE EXTENDED STEPS.
4. CABLE NOT TO IMPEDE 15" CLEAR SPACE OFF POLE FACE.
5. 90° SHORT SWEEP UNDER ANTENNA ARM. ALL CABLES MUST ONLY TRANSITION ON THE INSIDE OR BOTTOM OF ARMS (NO CABLE ON TOP OF ARMS).
6. USE CABLE CLAMPS TO SECURE CABLE TO ARMS; PLACE 2" CARRIER ID TAGS ON BOTH SIDE OF ARMS.
7. USE 90° CONNECTOR AT CABLE CONNECTION TO ANTENNAS.
8. USE 1/2" CABLE ON ANTENNAS UNLESS OTHERWISE SPECIFIED.
9. FILL VOID AROUND CABLES AT CONDUIT OPENING WITH FOAM SEALANT TO PREVENT WATER INTRUSION.

VERIZON WIRELESS CONSTRUCTION NOTES:

1. CONTRACTOR IS TO FOLLOW THE MOST CURRENT VZW STANDARDS DOCUMENTS PROVIDED TO COMPLETE THIS INSTALLATION.
2. CONTRACTOR SHALL COMPLETE VZW PROVIDED "SMALL CELL SWEEP REPORT" WITH ALL INFORMATION FILLED IN ACCURATELY AND COMPLETELY.
3. CONTRACTOR TO REFER TO THE MOST CURRENT VZW STANDARDS FOR APPROVED "PIM" TEST EQUIPMENT AND GUIDELINES.
4. CONTRACTOR IS TO USE BATTERY POWERED "PIM" EQUIPMENT TO VALIDATE THE FINAL LOCATION OF THE JUMPER AND ANTENNA ARE FREE OF INTERNAL AND EXTERNAL "PIM" SOURCES.
5. CONTRACTOR SHALL PROVIDE AT LEAST ONE TECHNICAL LEAD THAT IS CERTIFIED AND PROFICIENT IN EXECUTING, INTERPRETING AND RECORDING "PIM" MEASUREMENTS.

PREPARED FOR:



PREPARED BY:

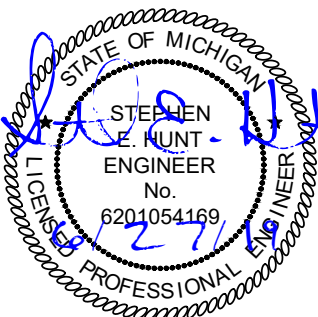


1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION

ENGINEER'S STAMP:


NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:

40214

COUNTY:

WASHTENAW

LATITUDE:

42° 14' 45.24" N

LONGITUDE:

83° 36' 58.14" W

DESIGN TYPE:

COLOCATION

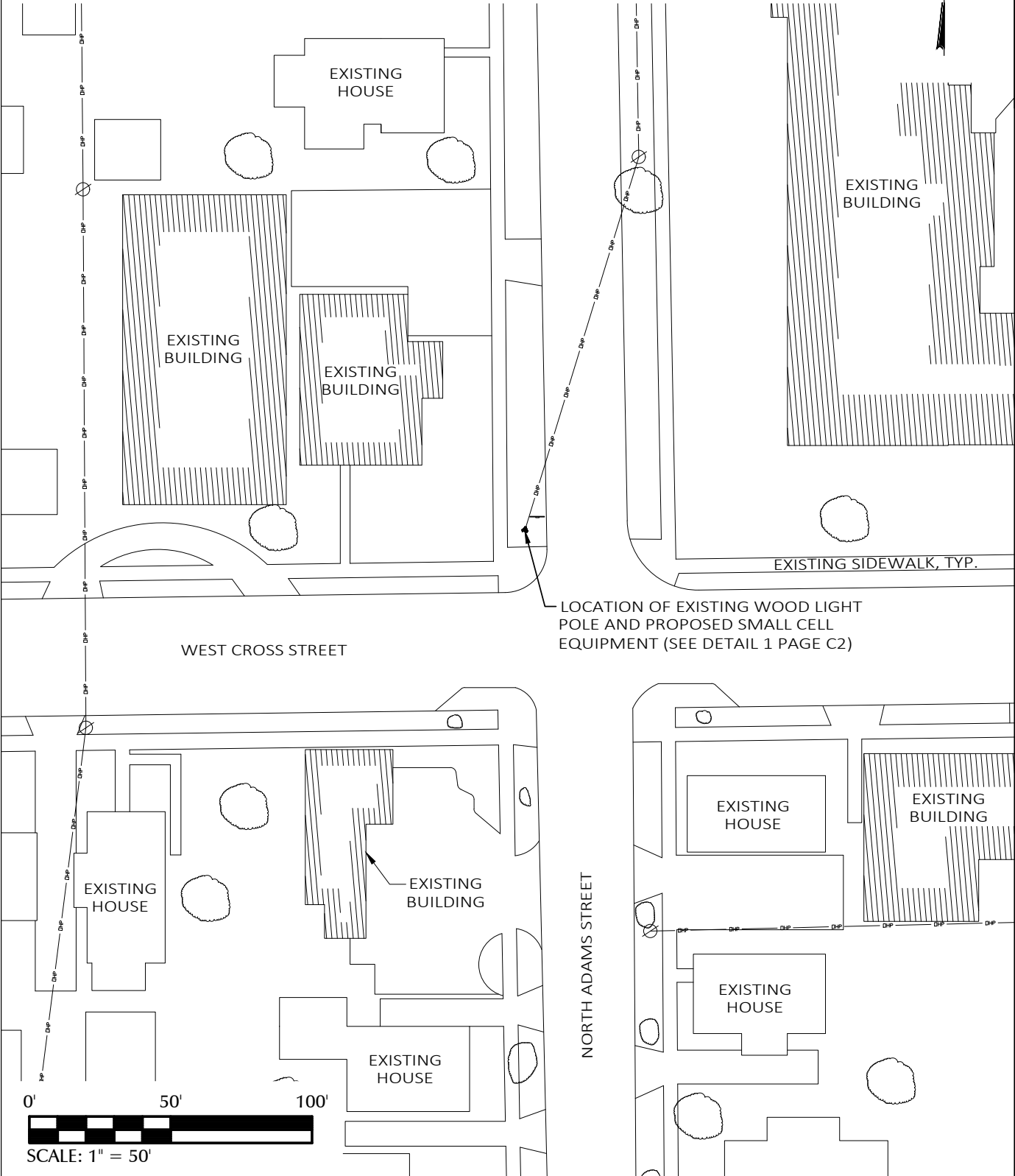
SHEET TITLE:

GENERAL NOTES

DRAWING NO. GN1	REVISION: 0
-------------------------------	---------------------------

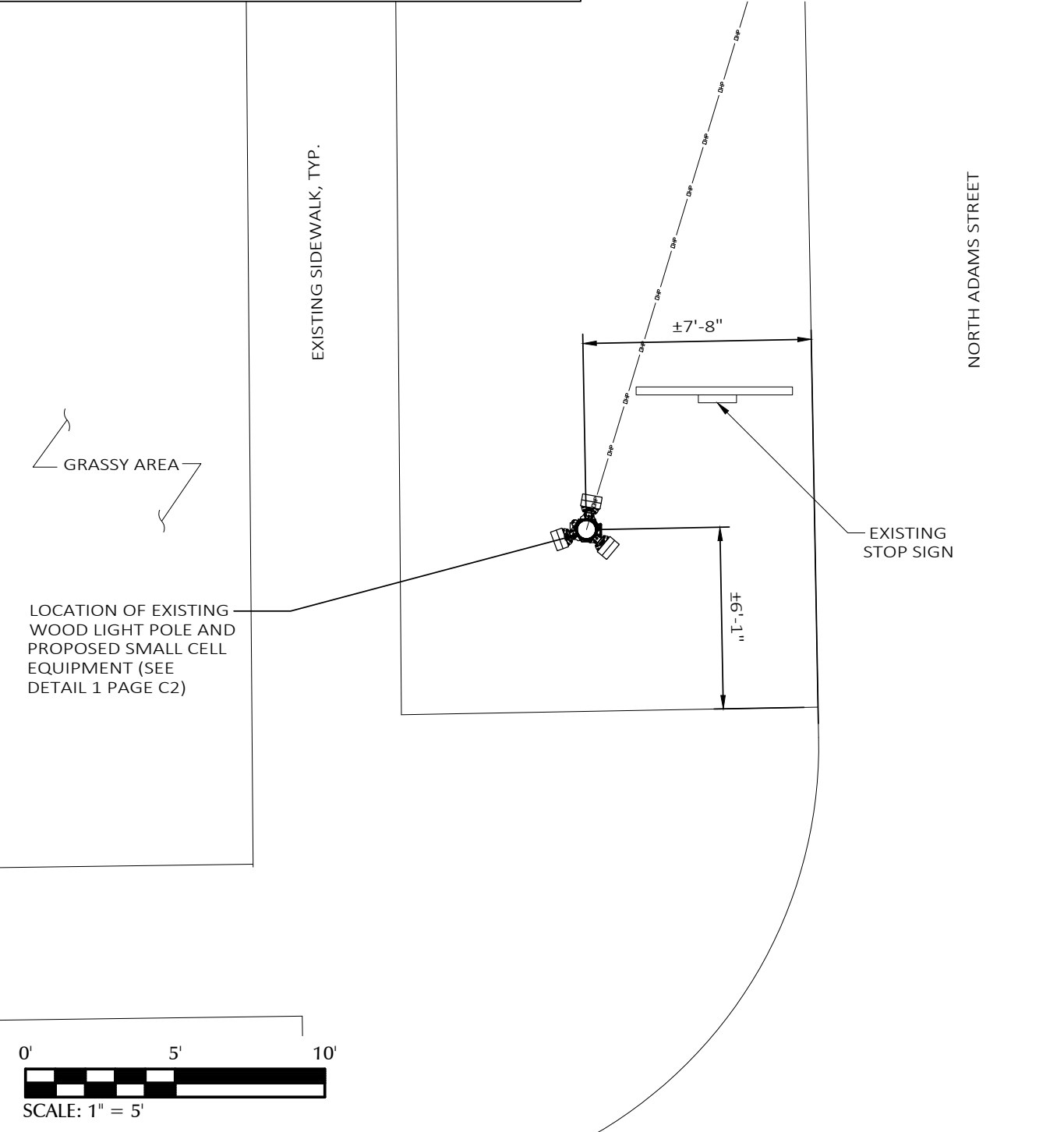
NOTES:

1. THIS DRAWING IS BASED ON AERIAL IMAGERY AND FIELD OBSERVATIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
2. THE PROPOSED USE DOES NOT REQUIRE FULL OR PART TIME EMPLOYEES AT THE SITE.
3. FOR GENERAL SITE WORK NOTES, SEE SHEET GN1.
4. ALL NORTH ARROWS ON SITE PLANS ARE TRUE NORTH, UNLESS OTHERWISE SPECIFIED.
5. OPEN CUT CONSTRUCTION THROUGH EXISTING PAVEMENT, I.E. ROADWAYS, PARKING AREAS, SIDEWALKS WILL NOT BE ALLOWED. CONSTRUCTION UNDER EXISTING PAVEMENTS WILL BE REQUIRED TO BE INSTALLED WITH DIRECTIONAL BORING TECHNIQUE.



1 OVERALL SITE LAYOUT

LEGEND			
UNDERGROUND POWER	UGP	UGP	
OVERHEAD POWER	DHP	DHP	
OVERHEAD UTILITIES	DHU	DHU	
UNDERGROUND TELCO	UGT	UGT	
OVERHEAD TELCO	DHT	DHT	
GAS LINE	GAS	GAS	
FENCE	X	X	
SEWER LINE	SVR	SVR	
WATER LINE	VTR	VTR	
COAX CABLE	C	C	
HYBRID CABLE	HYB	HYB	
HIGH VOLTAGE POWER	HVP	HVP	
FIBER	FBR	FBR	
RIGHT-OF-WAY	RDW	RDW	
PROPERTY LINE	PL	PL	
EDGE OF PAVEMENT	EDP	EDP	
CATCH BASIN			
IRON PIN SET (IPF) 5/8" REBAR			
IRON PIN FOUND (IPF)			
BENCHMARK			
CONCRETE MON. FOUND			
CONCRETE MON. SET			
UTILITY POLE			
LIGHT POLE			
WATER VALVE			
MANHOLE			
GAS VALVE			
FIRE HYDRANT			
TELCO PEDESTAL			
ELECTRICAL PULL BOX			



2 ENLARGED SITE LAYOUT

PREPARED FOR:



PREPARED BY:

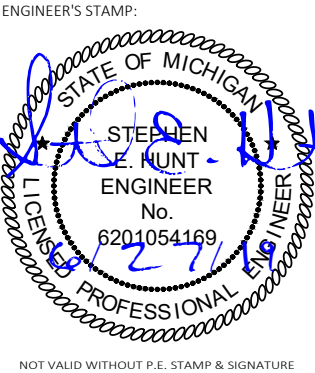


1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION



SITE NAME:	40214
COUNTY:	WASHTENAW
LATITUDE:	42° 14' 45.24" N
LONGITUDE:	83° 36' 58.14" W
DESIGN TYPE:	COLOCATION
SHEET TITLE:	SITE LAYOUTS
DRAWING NO.	C1
REVISION:	0

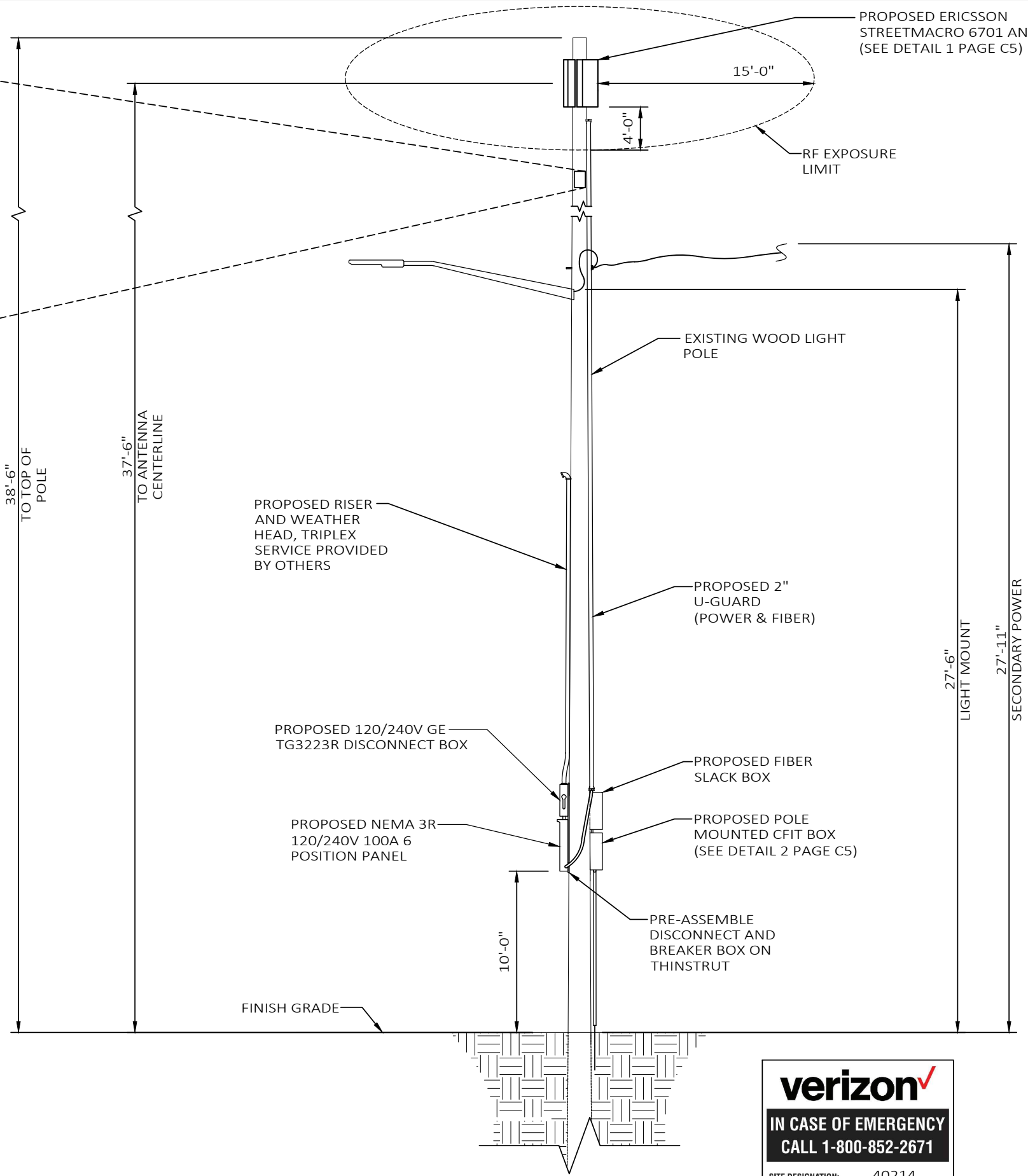


12"x18" RF WARNING SIGN
TYPICAL OF 2

CONTRACTOR TO OBTAIN
LATEST RFDS FROM VERIZON
PRIOR TO CONSTRUCTION.

40" MIN. CLEARANCE
BELOW NEW TRIPLEX
SERVICE

5'-0" MIN. CLEARANCE
ABOVE ANY DTE EQUIPMENT
TO BOTTOM OF ANTENNA



**IN CASE OF EMERGENCY
CALL 1-800-852-2671**

SITE DESIGNATION: 40214

INSTALL ON BREAKER PANEL

PREPARED FOR:



PREPARED BY:



1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS
SET OF DOCUMENTS IS PROPRIETARY BY
NATURE. ANY USE OR DISCLOSURE OTHER
THAN THAT WHICH RELATES TO THE
CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION

ENGINEER'S STAMP:

NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:
40214

COUNTY:
WASHTENAW

LATITUDE:
42° 14' 45.24" N

LONGITUDE:
83° 36' 58.14" W

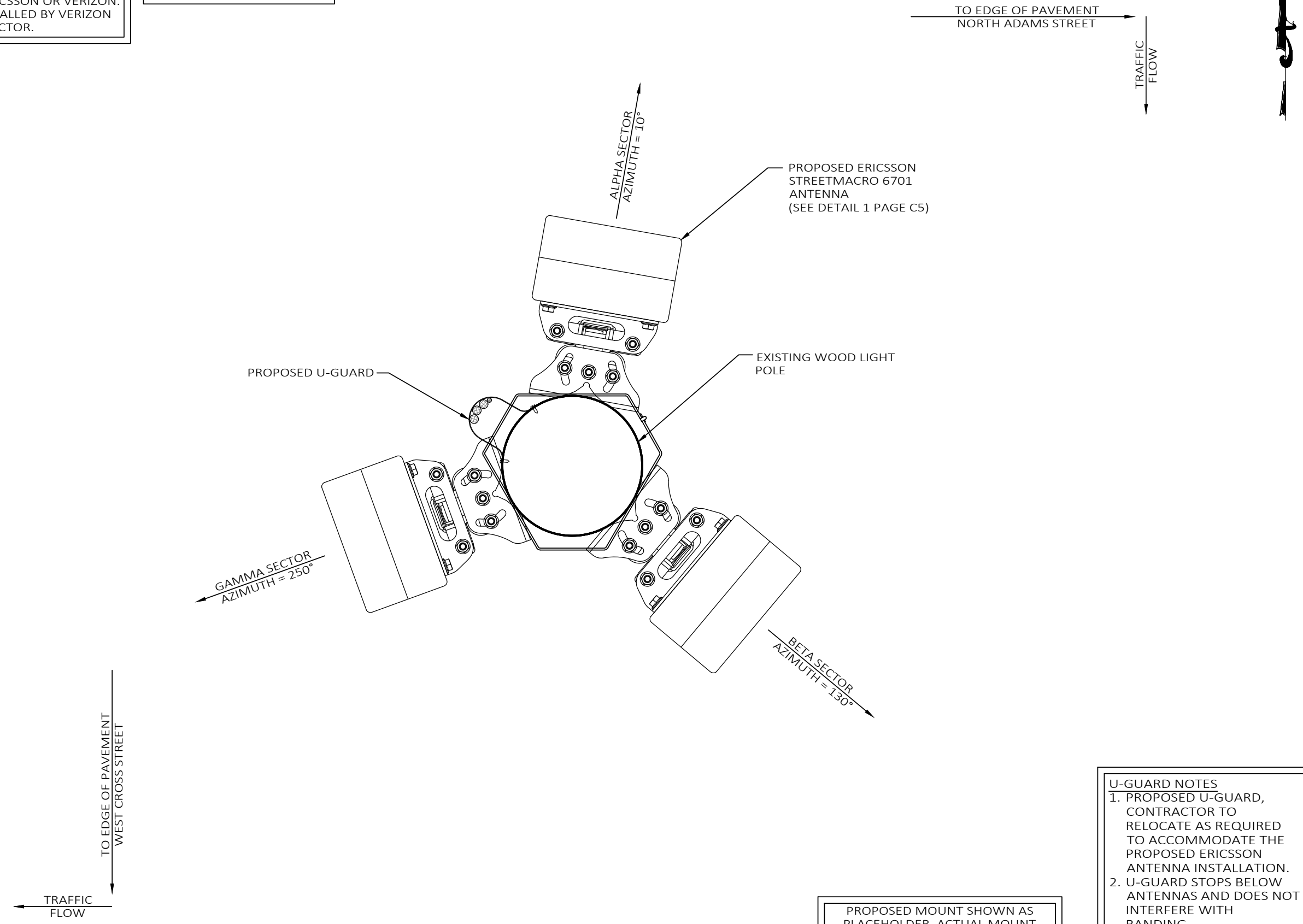
DESIGN TYPE:
COLOCATION

SHEET TITLE:
POLE ELEVATION

DRAWING NO. C2	REVISION: 0
-------------------	----------------

AZIMUTHS ARE SUBJECT TO CHANGE. CONTRACTOR TO VERIFY AZIMUTHS FROM FINAL RFDS FROM VZW. ANTENNA MOUNT TO BE SUPPLIED BY ERICSSON OR VERIZON. ANTENNA TO BE INSTALLED BY VERIZON CONTRACTOR.

INSTALL STRAIN RELIEF FOR POWER & FIBER CABLES AT OR NEAR ANTENNAS



PROPOSED MOUNT SHOWN AS PLACEHOLDER. ACTUAL MOUNT SUBJECT TO CHANGE PER DTE AND VERIZON FUTURE DISCUSSIONS

- U-GUARD NOTES
1. PROPOSED U-GUARD, CONTRACTOR TO RELOCATE AS REQUIRED TO ACCOMMODATE THE PROPOSED ERICSSON ANTENNA INSTALLATION.
 2. U-GUARD STOPS BELOW ANTENNAS AND DOES NOT INTERFERE WITH BANDING.
 3. U-GUARD MUST BE RACEWAY CAPABLE.

PREPARED FOR:

PREPARED BY:

1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
NO.	DATE	BY	DESCRIPTION
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW

ENGINEER'S STAMP:

NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:

40214

COUNTY:

WASHTENAW

LATITUDE:

42° 14' 45.24" N

LONGITUDE:

83° 36' 58.14" W

DESIGN TYPE:

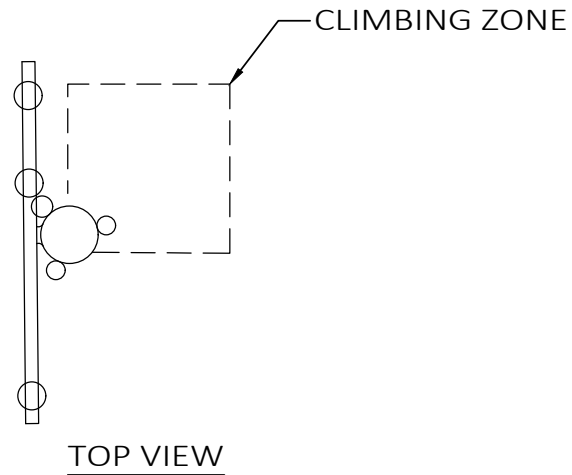
COLOCATION

SHEET TITLE:

ANTENNA LAYOUT

DRAWING NO.	REVISION:
C2A	0

POLE ATTACHED EQUIPMENT	
EQUIPMENT	VOLUME (CU-FT)
STREET MACRO 6701 ANTENNA	0.46
STREET MACRO 6701 ANTENNA	0.46
STREET MACRO 6701 ANTENNA	0.46
TOTAL IN CU-FT	1.38



- NOTES:
1. WORKING CLEARANCE FROM ENERGIZED ANTENNA MUST BE GREATER THAN 4 FT, OTHERWISE SHUT DOWN RADIO AND ANTENNA PER INSTRUCTIONS ON PLACARD OR BY OPENING DISCONNECT SWITCH TO RADIO EQUIPMENT ON POLE.
 2. ANTENNA AND MOUNTING BRACKETS INSTALLED ABOVE DTE WIRES MUST BE INSTALLED AND MAINTAINED BY DTE OR DTE'S DESIGNATED CONTRACTOR.
 3. VERTICAL CLIMBING ZONE MUST BE MAINTAINED ON ALL POLES. (SEE TOP VIEW)
 4. BASE CABINET TO BE CLEARLY LABELED WITH OWNER'S NAME AND 1-800 PHONE NUMBER WITH 3/4" TALL LETTERING.
 5. SHUTDOWN PLACARD TO BE PLACED ON THE POLE NEAR BASE CABINET AND DISCONNECT SWITCH BOX.
 6. 5' FT MIN. CLEARANCE ABOVE ANY DTE EQUIPMENT.
 7. ANTENNA POLE TOP CLEARANCES APPLY TO ANY DTE EQUIPMENT OR WIRES INSTALLED UNDER THE ANTENNA.

REFERENCE DTE ENERGY
CELLULAR ANTENNA SMALL CELL SITE CONSTRUCTION
LINE CONSTRUCTION STANDARDS 4-JOINT USE 1-4-26.1
DATED 11/1/2017

PREPARED FOR:



PREPARED BY:



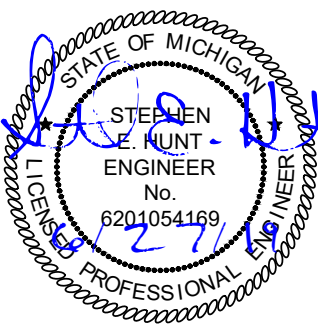
1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS
SET OF DOCUMENTS IS PROPRIETARY BY
NATURE. ANY USE OR DISCLOSURE OTHER
THAN THAT WHICH RELATES TO THE
CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

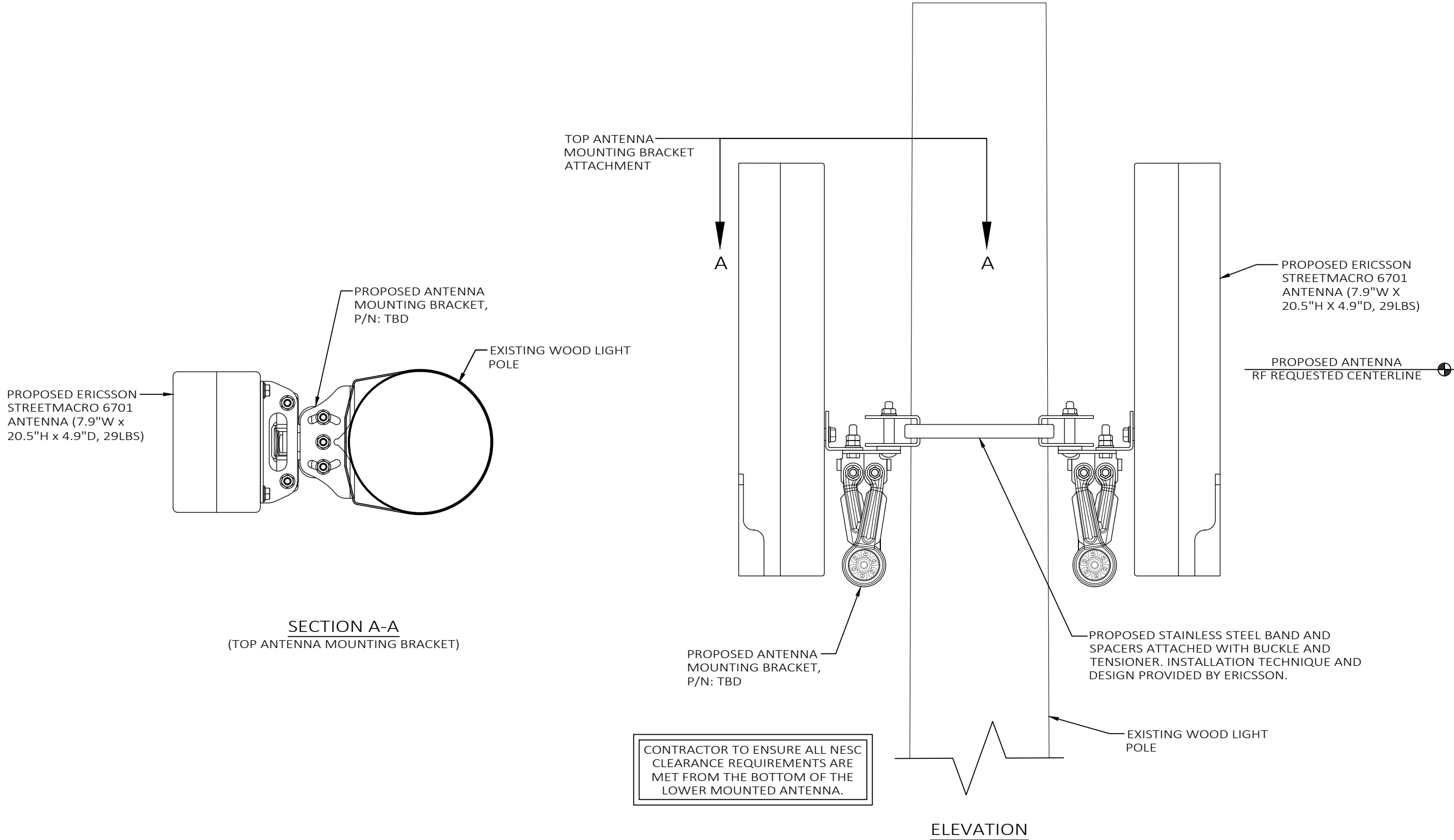
REVISIONS			
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION

ENGINEER'S STAMP:



NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:	40214
COUNTY:	WASHTENAW
LATITUDE:	42° 14' 45.24" N
LONGITUDE:	83° 36' 58.14" W
DESIGN TYPE:	COLOCATION
SHEET TITLE:	DTE NOTES
DRAWING NO.	REVISION:
C3	0



PREPARED FOR:



PREPARED BY:



1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS
SET OF DOCUMENTS IS PROPRIETARY BY
NATURE. ANY USE OR DISCLOSURE OTHER
THAN THAT WHICH RELATES TO THE
CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION

ENGINEER'S STAMP:

NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:
40214

COUNTY:
WASHTENAW

LATITUDE:
42° 14' 45.24" N

LONGITUDE:
83° 36' 58.14" W

DESIGN TYPE:
COLOCATION

SHEET TITLE:
SITE DETAILS

DRAWING NO. C4	REVISION: 0
-------------------	----------------

Spectrum:

IBW

OBW

EIRP

28 GHz

Full band

800 MHz

~ 55 dBm

of Users:

Total Antenna BW:

Throughput:

RI ports:

TN/IDLports:

Misc:

2,000+

1600 MHz

5 Gbps DL/ 1 Gbps UL

2

2

4xExternal Alarms, USB connector
PoE, GPS, 1588 Synch

Weight:

Size:

Operational conditions:

Cooling:

Power:

IP Class:

~ 13 kg (29 lbs)

20,5"x4,9"x7,9" (13 l)

-40 to +55 degrees

Active

AC, <300W Max

IP 65

Ericsson Confidential | 2018-03-15



20,5"x5"x8" Not to Exceed Dimensions

CFIT BOX

PART CODE: CFIT-C48D4LHXVZ

DESIGNED BY CHARLES INDUSTRIES



PRODUCT SPECIFICATIONS

TECHNICAL SPECIFICATIONS	
HEIGHT (PANEL ONLY)	15 in.
DEPTH, BASE (FRONT TO BACK)	5.5 in.
WIDTH	12 in.
WEIGHT	4 lbs.
CONSTRUCTION	RUGGED UL94-5VA GRAY POLYCARBONATE
SUPPORTED FIBER CONNECTOR TYPES	SC, LC or MPO
COMPLIANCE	DESIGNED TO MEET GR-950, GR2898, NEMA 4, IP66
SPLICING CAPACITY	UP TO THREE (3) 4"x6" HINGED SPLICE TRAYS ON FEED FIBER SIDE.
BULKHEAD CAPACITY	24 SC ADAPTERS

PREPARED FOR:



PREPARED BY:

TeleCAD
Wireless

1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION

ENGINEER'S STAMP:

STATE OF MICHIGAN

STEPHEN E. HUNT
ENGINEER
No. 6201054169

LICENSED PROFESSIONAL ENGINEER

NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:

40214

COUNTY:

WASHTENAW

LATITUDE:

42° 14' 45.24" N

LONGITUDE:

83° 36' 58.14" W

DESIGN TYPE:

COLOCATION

SHEET TITLE:
EQUIPMENT DETAILS

DRAWING NO.	REVISION:
C5	0

ELECTRICAL NOTES:

1. PROVIDE AND INSTALL WARNING TAPE FOR ELECTRIC SERVICE CONDUIT 12" BELOW GRADE.
2. CONTRACTOR TO PAY FOR THE SERVICE AS DIRECTED BY THE MUNICIPALITY.
3. CONTRACTOR TO USE PVC SCH 40 CONDUIT WHERE CONDUITS CROSS ACCESS ROADS.
4. CONTRACTOR SHALL COORDINATE WITH ELECTRIC AND TELEPHONE UTILITY COMPANIES FOR SERVICES.
5. CONTRACTOR TO PAY ALL FEES FOR SERVICES REQUIRED.
6. CONTRACTOR TO BE ADVISED THAT EXISTING UNDERGROUND CONDUITS, GROUND CABLES EXIST. DIG WITH CAUTION.
7. CONTRACTOR TO VERIFY POWER AND TELCO LB LOCATIONS AND FLEX CONDUIT SIZE AND ROUTING TO THE EQUIPMENT SHELTER WITH MANUFACTURER'S DRAWINGS.
8. OPEN CUT CONSTRUCTION THROUGH EXISTING PAVEMENT, I.E. ROADWAYS, PARKING AREAS, SIDEWALKS WILL NOT BE ALLOWED. CONSTRUCTION UNDER EXISTING PAVEMENTS WILL BE REQUIRED TO BE INSTALLED WITH DIRECTIONAL BORING TECHNIQUE.

UTILITY NOTES:

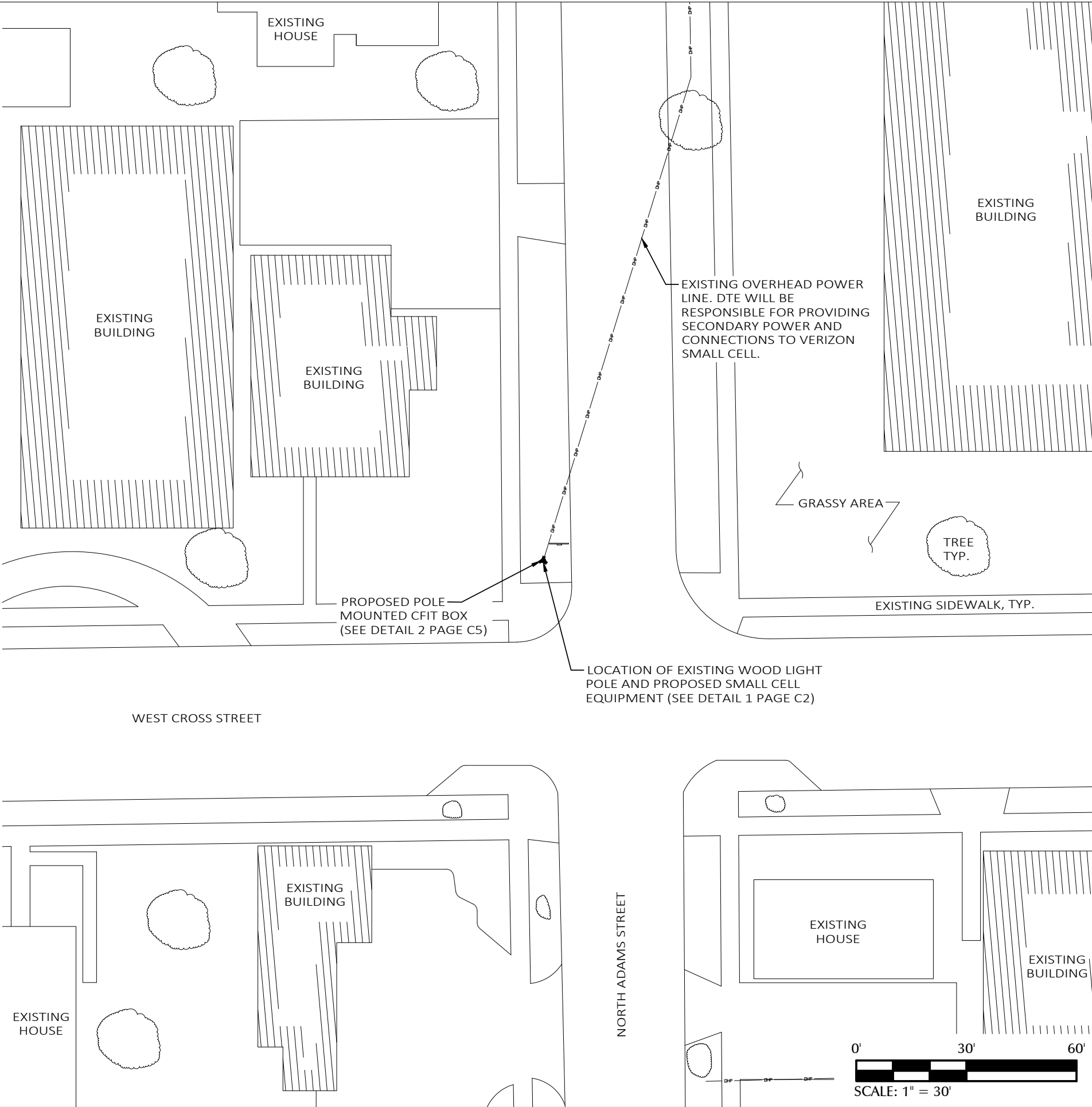
1. ALL POWER CONDUITS ABOVE GRADE, SWEEPS, & ELBOWS TO BE PVC SCH 40.
2. INSTALL PULL STRING IN TELCO CONDUIT.

STANDARD POWER SUPPLY FOR THE SMALL CELL NODES IS A 100 AMP 120/240 VOLT SINGLE PHASE SERVICE

SERVICE CONDUCTOR MAXIMUM DISTANCE CHART (BASED ON 80 AMP MAX. CONTINUOUS LOAD)			
WIRE SIZE	ALUMINUM 120V	COPPER 120V	CONDUIT SIZE
3 AWG	55'	90'	3/4" MIN
2 AWG	70'	115'	3/4" MIN
1 AWG	85'	145'	3/4" MIN
1/0 AWG	110'	180'	1" MIN
2/0 AWG	140'	230'	1" MIN
3/0 AWG	175'	290'	1 1/4" MIN
4/0 AWG	220'	365'	1 1/4" MIN
250 KCMIL	265'	435'	1 1/4" MIN
300 KCMIL	315'	520'	1 1/2" MIN
350 KCMIL	370'	610'	1 1/2" MIN
400 KCMIL	420'	695'	2" MIN
500 KCMIL	530'	870'	2" MIN

LEGEND

UNDERGROUND POWER	USP	CATCH BASIN	CB
OVERHEAD POWER	DHP	IRON PIN SET (IPF) 3/8" REBAR	IPF
OVERHEAD UTILITIES	DHU	IRON PIN FOUND (IPF)	IPF
UNDERGROUND TELCO	UGT	BENCHMARK	BM
OVERHEAD TELCO	DHT	CONCRETE MON. FOUND	CMF
GAS LINE	GAS	CONCRETE MON. SET	CMS
FENCE	X	UTILITY POLE	UP
SEWER LINE	SVR	LIGHT POLE	LP
WATER LINE	VTR	WATER VALVE	WV
COAX CABLE	C	MANHOLE	M
HYBRID CABLE	HYB	GAS VALVE	GV
HIGH VOLTAGE POWER	HVP	FIRE HYDRANT	FH
FIBER	FBR	TELCO PEDESTAL	TP
RIGHT-OF-WAY	RDW	ELECTRICAL PULL BOX	EPB
PROPERTY LINE	PL		
EDGE OF PAVEMENT	EDP		



PREPARED FOR:



PREPARED BY:

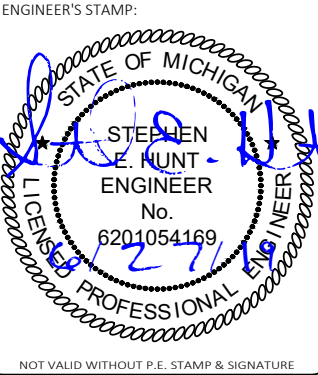


1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

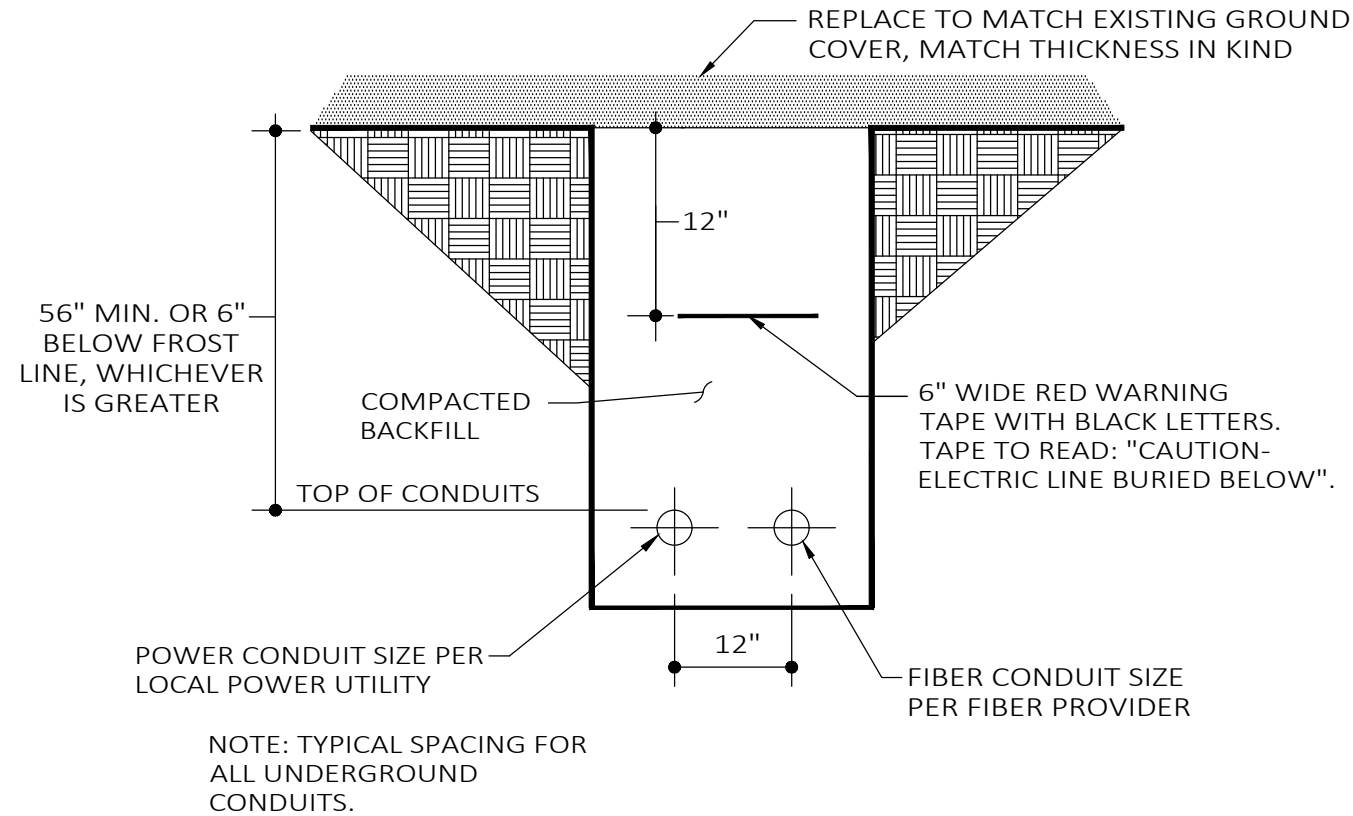
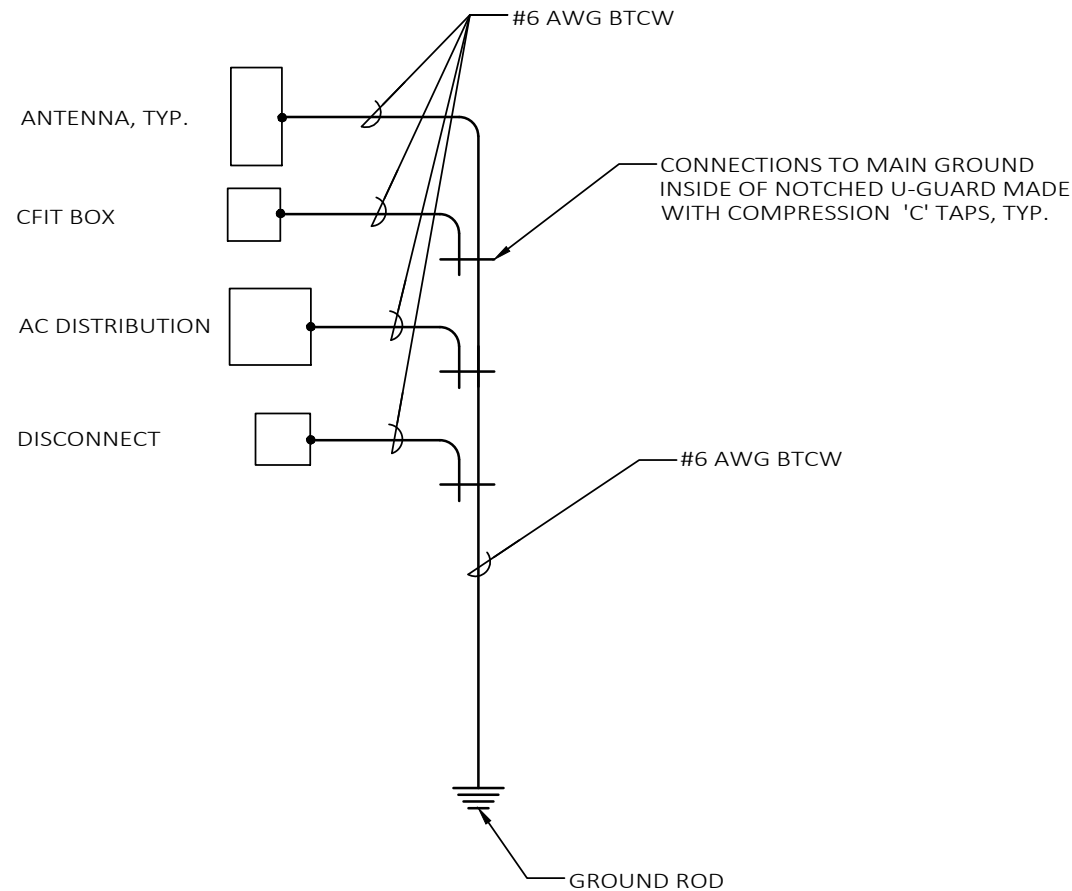
REVISIONS			
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION



SITE NAME:	40214
COUNTY:	WASHTENAW
LATITUDE:	42° 14' 45.24" N
LONGITUDE:	83° 36' 58.14" W
DESIGN TYPE:	COLOCATION

SHEET TITLE:
UTILITY SITE PLAN

DRAWING NO. E1	REVISION: 0
-------------------	----------------



PREPARED FOR:

verizon

PREPARED BY:

TeleCAD Wireless

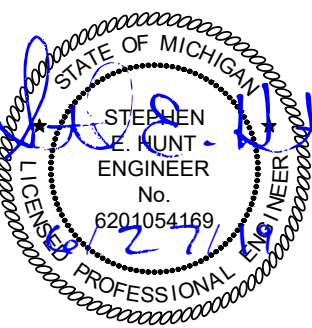
1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION

ENGINEER'S STAMP:



SITE NAME:
40214

COUNTY:
WASHTENAW

LATITUDE:
42° 14' 45.24" N

LONGITUDE:
83° 36' 58.14" W

DESIGN TYPE:
COLOCATION

SHEET TITLE:
ELECTRICAL DETAILS

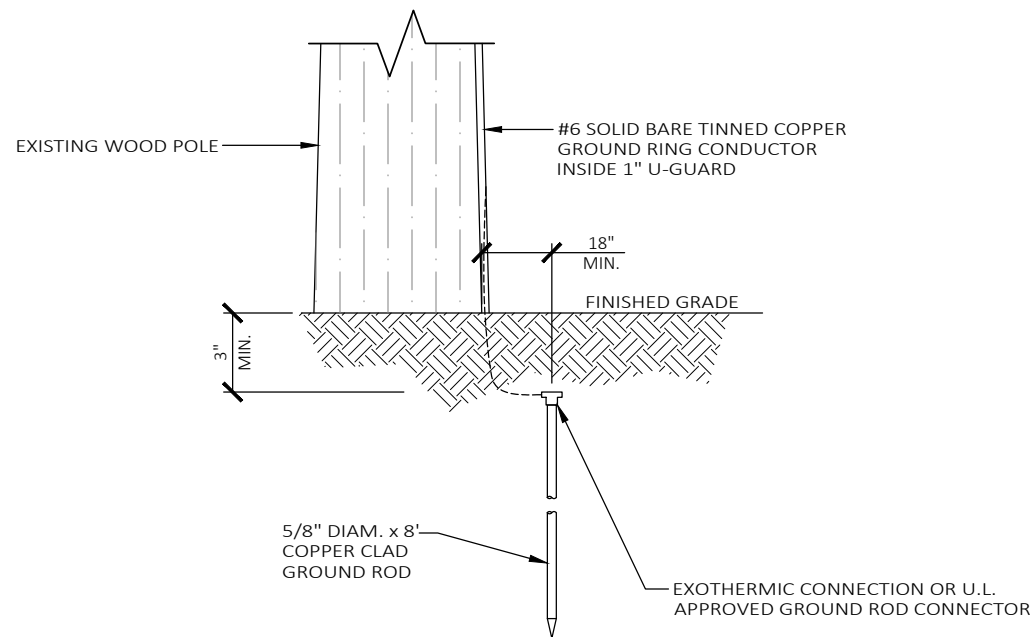
DRAWING NO. E2	REVISION: 0
--------------------------	-----------------------

1 SINGLE POINT RADIAL GROUND DETAIL

N.T.S.

2 TRENCH DETAIL (IF REQUIRED)

N.T.S.



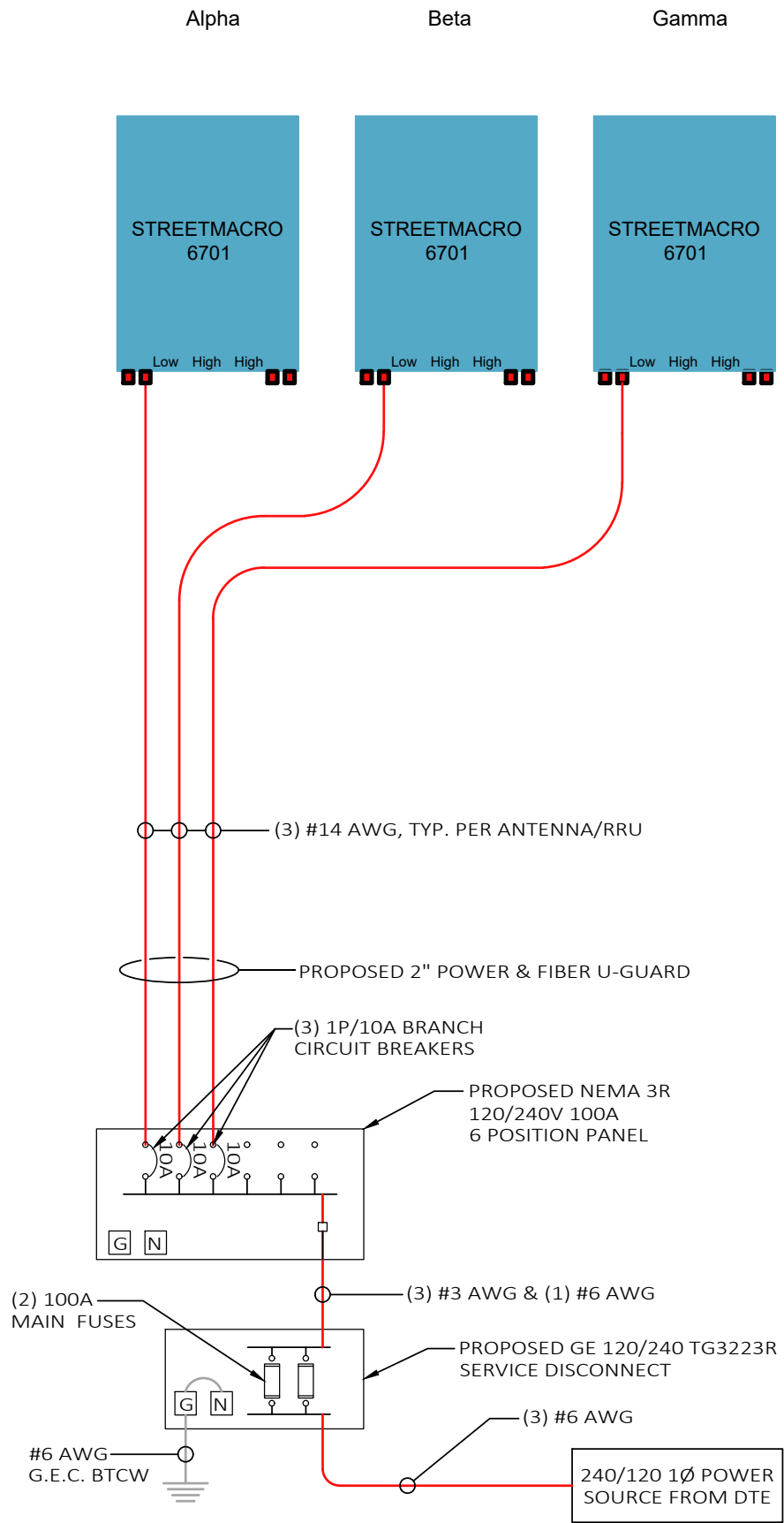
3 GROUND ROD DETAIL

N.T.S.

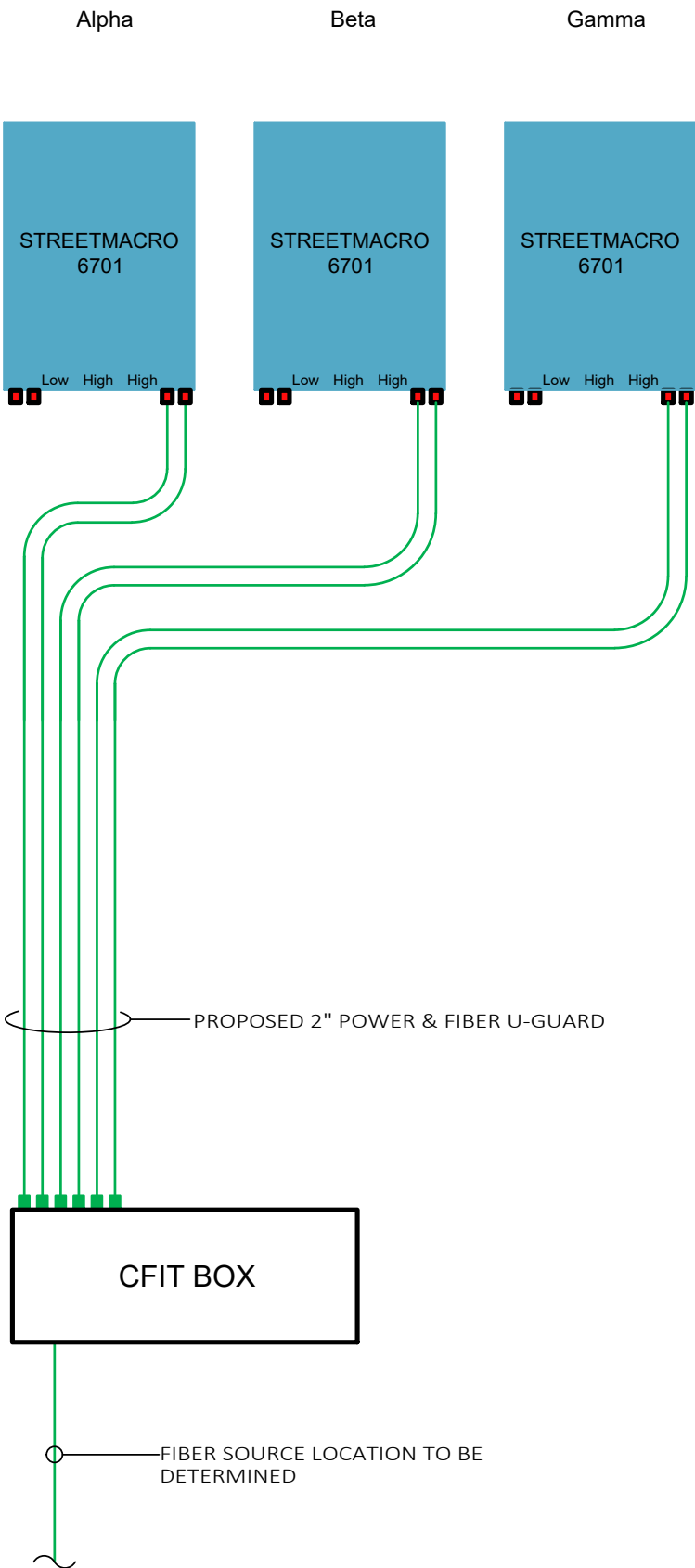
4 DETAIL NOT IN USE

N.T.S.

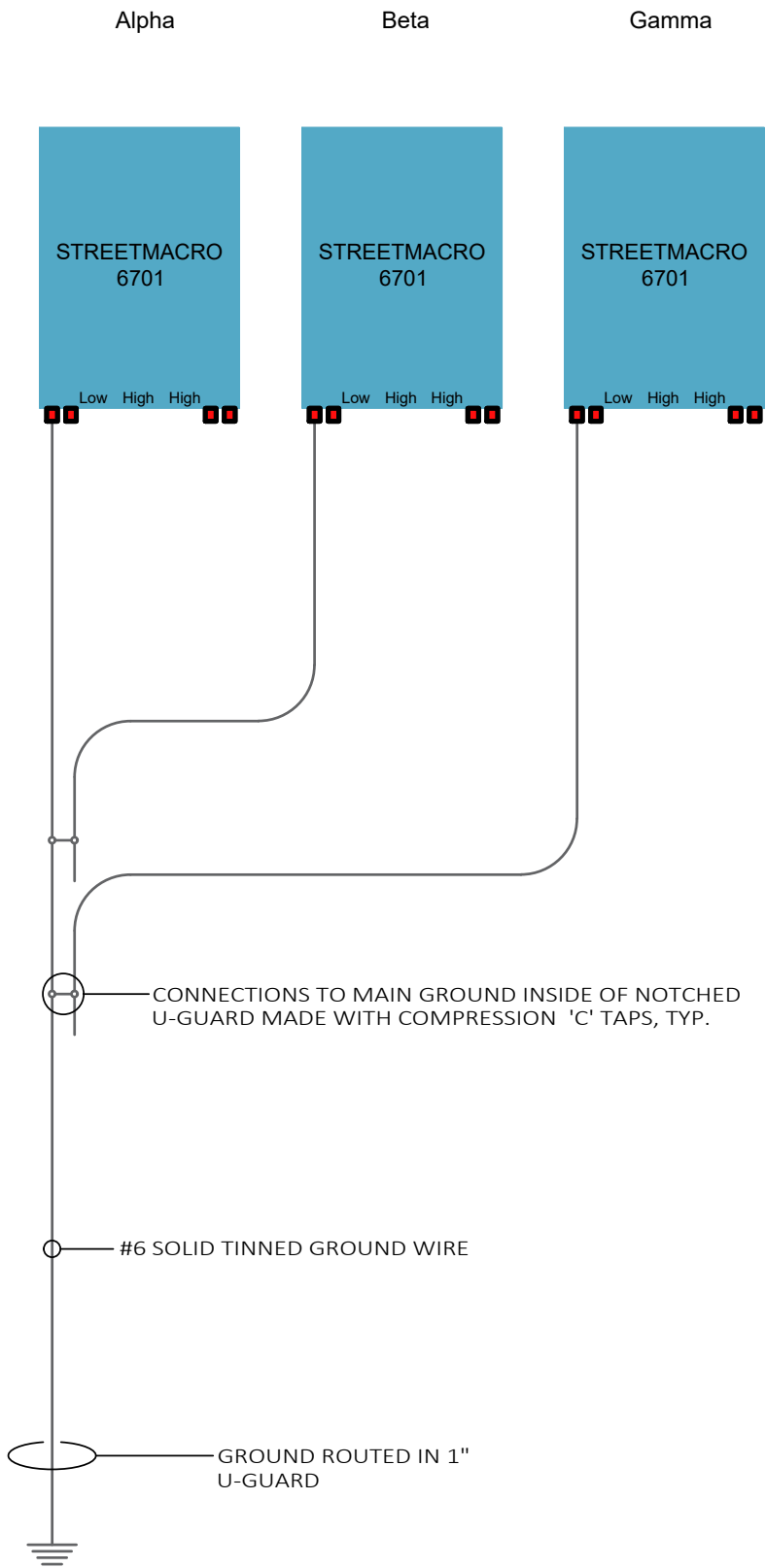
POWER ROUTING



FIBER ROUTING



GROUND ROUTING



PREPARED FOR:



PREPARED BY:

TeleCAD Wireless

1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION

ENGINEER'S STAMP:

STATE OF MICHIGAN

STEPHEN E. HUNT

ENGINEER

No. 6201054169

LICENSED PROFESSIONAL ENGINEER

NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:	40214
COUNTY:	WASHTENAW
LATITUDE:	42° 14' 45.24" N
LONGITUDE:	83° 36' 58.14" W
DESIGN TYPE:	COLOCATION

SHEET TITLE:
SINGLE LINE DIAGRAM

DRAWING NO.	REVISION:
E3	0



Facing north-northwest to light pole in context.



Facing north-northeast to light pole in context.



Facing north, view from light pole.



Facing east, view from light pole.



Facing south, view from light pole.



Facing west, view from light pole.



Facing northwest to 302 W Cross from light pole.



HDC Work Permit Staff Review

Property address: 293 Olive (430 N Adams)

Property History: The proposed work is in the right-of-way at the southeast corner of N Adams and Olive. The applicant lists the address as 293 Olive, however the adjacent property is 430 N Adams.

The property at 430 N Adams includes a Dutch Colonial Revival-style house that was erected in 1916 and is contributing to the historic district.

Date of Application: February 7, 2020

Date of Review: February 18, 2020

Date of Meeting: February 25, 2020

Proposed work: Small cell communication system.

Materials: Wood pole, antennas, power boxes, fiber boxes.

Staff review:

1. The application is to install a communication antenna atop an existing DTE light pole.
 - a. The antenna will be installed above an existing power line, extending the pole to 40' from ground to top.
 - b. The pole will be surmounted by a small cell communication feature, consisting of three antennas.
 - c. A caution sign will be placed between the light fixture and antennas.
 - d. Various connection boxes will be placed 10' above ground level.
2. Staff spoke with a SHPO reviewer in February regarding a similar installation on N Hamilton Street. They said that these new colocation antennas are much smaller than earlier installations and appear to have minimal impact on historic resources.

Recommended Motions:

1. Use property for original purpose or provide compatible use with minimal alteration.
2. Do not destroy original character. Do not remove or alter historic material or features.
3. Do not imitate earlier styles.
4. Preserve significant changes acquired over time.
5. Preserve distinctive features.
6. Repair, don't replace. Replacements shall match original.
7. Clean building gently—no sandblasting.
8. Preserve archaeological resources.
9. Contemporary designs shall be compatible and shall not destroy significant original material.
- 10. New work shall be removable.**

Move to approve and issue a certificate of appropriateness for the work at 293 Olive as submitted in the application, dated December 1, 2020, for modification of an existing light pole to include the features in submitted drawings, including antennas, signage, and connection boxes.

Relevant Secretary of the Interior's Standards:
#10

Prepared by:
Scott E. Slagor, Preservation Planner



City of Ypsilanti
Historic District Commission
Work Permit Application

One South Huron • Ypsilanti, MI 48197
Phone: (734) 483-9646 • Fax: (734) 483-7260
www.cityofypsilanti.com

OFFICE USE ONLY

Date Filed:

Meeting Date:

Action Item/Study Item

To complete this application:

1. Complete this form.
2. Attach the following documents:
 - a. Photo(s) showing all locations where work is proposed (can be emailed).
 - b. Catalog cut sheets or similar details for windows, doors, light fixtures, and any other manufactured or preassembled components—this includes information from catalogues, professional quotes, or websites (can be emailed).
 - c. Dimensioned drawings of any new construction or modifications to existing structures, including awnings and signs.
 - d. A sketch plan, if proposal is for work on the grounds and not just the main structure (e.g., installing a new driveway, fence, or shed). This can be drawn on a scaled copy of a mortgage survey.
3. Applications and materials must be received by the Building Department **no later** than 4pm on the Tuesday one week prior to the meeting.

INCOMPLETE APPLICATIONS WILL NOT BE PLACED ON THE AGENDA

Property

Address

401 North Adams St.

Applicant

**If applicant is not owner of property, a written statement from the owner authorizing this application must be included.*

Name

Verizon Wireless - David Haslinger

Address

City

Southfield

State

MI

Zip

48075

Phone / Fax

248-672-9698

E-Mail

david.haslinger@verizonwireless.com

Contractor

Contractor Name & Contact Info

Type of work

☐ Roofing

☐ Window/Door
Replacement

☐ Porches

☐ Sign

☐ Fence (or other sitework)

☐ Painting

☒ Other

☐ Application Amendment

Complete Description of Proposed Work:

Verizon is proposing small cell equipment on an existing DTE Pole.

Materials (for paint include color chips or samples with application):**Permit Application Fee (action items only)**

The fee is \$45 for the first \$3,000 in construction cost plus \$5 for every additional \$3,000 of construction cost. There is a flat fee of \$10 for painting only. *An additional fee of \$50 applies to HDC work started without the applicable permit.*

Construction Cost:

Permit fee:

\$45 + _____ =

Signature

I hereby attest that the above information is accurate. I am authorized to and grant permission to the City of Ypsilanti staff to be on the subject property for the purposes of preparing staff reports and/or evaluating this application.

I further affirm that this property has, or will have before the proposed work is completed, a fire alarm system or smoke alarm complying with the Stille-DeRossett-Hale single-state construction code, PA 230 of 1972, as amended.

Signature:



Date:

12-01-2020

Print Name:

David Haslinger

If you have questions about what the HDC generally permits or does not permit, or what they need to see in an application to render a decision, please call the office at 734-483-9646 or view our factsheets online at cityofypsilanti.com/hd.

All other necessary approvals and permits must be acquired before beginning work.



**City of Ypsilanti
Historic District Commission
Work Permit Application
Check List**

Is your application complete?!
Do you have the following?

For painting projects:

- ✓ A detailed description of what you will be painting (trim, siding, deck, etc.)
- ✓ A list of all the materials you plan to use (paint brands, color names, etc.)
- ✓ Color chips or samples of the proposed paint colors
- ✓ Photographs of the property
- ✓ A description of how you plan to prep your surfaces for new paint (the HDC does not allow power washing or sand blasting)

For window projects:

- ✓ A detailed description of your plans for the windows—are you replacing them entirely? Just the sash kits?
- ✓ A cut sheet, catalogue sheet, or print-out with a photo of the proposed window, its dimensions and its materials (vinyl windows are generally not permitted in the district)
- ✓ Photographs of the existing windows showing their deterioration or lack of functionality

For roofing projects:

- ✓ A detailed description of the proposed roof work (Removing existing shingles? Replacing entire roof or portions?)
- ✓ Information about your plans for venting (can vents are generally not permitted in the district)
- ✓ Plans for the flashing and drip edge—what color will they be?
- ✓ Brand name and style of proposed new roofing—include a cut sheet, catalogue sheet, or print-out with details about proposed shingles
- ✓ Color of the new shingles

For all other projects:

- ✓ A detailed description of the proposed work
- ✓ A list of all materials to be used in proposed work
- ✓ Samples or chips of any paint or stain
- ✓ A site plan for any application involving the installation of something on the site (fencing, out buildings, major landscaping, etc.)
- ✓ Cut-sheets, catalogue sheets, or print-outs with details on any materials you are using (like composite wood materials, solar panels, siding, shingles, alternative materials, or anything with specific dimensions)

For fencing projects:

- ✓ Site plan or drawing of lot showing placement of fence in relation to buildings/property
- ✓ Proposed fencing material and style
- ✓ Color chip or sample of proposed paint or stain (wood must be finished with an opaque stain or paint)

Without this required information, your application will be considered incomplete and will not be added to the agenda until the necessary information is received.



February 20, 2020

Scott Hubble
Verizon Wireless

[REDACTED]
Southfield, MI 48075

DTE is working with Verizon Wireless to facilitate the installation of their communication fiber, small wireless communications equipment, associated antennas and transmission cables on DTE owned poles located on public or private right of ways within Washtenaw County, Michigan (excluding steel, aluminum, fiberglass streetlight or ornamental poles).

This letter serves as notification for Verizon submissions as described above within the jurisdiction.

DTE is currently in an agreement with Verizon Wireless to provide joint use space on DTE owned assets that meet internal requirements. The full details of this agreement are protected under a mutual non-disclosure agreement.

Please call me if you have any questions regarding this letter.

Sincerely,

[REDACTED]
Aaron Belanger
Principal Supervisor
DTE / Marketing / Joint Use
[REDACTED]

GENERAL NOTES

1. THESE NOTES SHALL BE CONSIDERED A PART OF THE WRITTEN SPECIFICATIONS.
2. THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED IN THE CONTRACT DOCUMENTS.
3. PRIOR TO THE SUBMISSION OF BIDS, THE CONTRACTOR(S) SHALL VISIT THE JOB SITE(S) AND BE RESPONSIBLE FOR ALL CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS AND CONFIRMING THAT THE WORK MAY BE ACCOMPLISHED PER THE CONTRACT DOCUMENTS. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE IMPLEMENTATION ENGINEER AND ARCHITECT/ENGINEER.
4. THE CONTRACTOR SHALL RECEIVE WRITTEN AUTHORIZATION TO PROCEED ON ANY WORK NOT CLEARLY DEFINED OR IDENTIFIED IN THE CONSTRUCTION DOCUMENTS BEFORE STARTING ANY WORK.
5. ALL WORK PERFORMED AND MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES INCLUDING APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS.
6. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH THE MANUFACTURER RECOMMENDATIONS. IF THESE RECOMMENDATIONS ARE IN CONFLICT WITH THE CONTRACT DOCUMENTS AND/OR APPLICABLE CODES OR REGULATIONS, REVIEW THE CONFLICT FOR DIRECTION WITH THE IMPLEMENTATION ENGINEER AND ARCHITECT/ENGINEER PRIOR TO PROCEEDING.
7. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES AND FOR COORDINATION OF ALL PORTIONS OF THE WORK UNDER THE CONTRACT INCLUDING CONTACT AND COORDINATION WITH THE IMPLEMENTATION TEAM AND WITH THE AUTHORIZED REPRESENTATIVE OF ANY OUTSIDE POLE OR PROPERTY OWNER. (BASE COMMANDER OR AUTHORIZED AGENT)
8. THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, PAVING, CURBS, VEGETATION, GALVANIZED SURFACE OR OTHER EXISTING ELEMENTS AND UPON COMPLETION OF THE WORK, REPAIR ANY DAMAGE THAT OCCURRED DURING CONSTRUCTION TO THE SATISFACTION OF EXTENT.
9. KEEP THE GENERAL AREA CLEAN, HAZARD FREE AND DISPOSE OF ALL DIRT, DEBRIS, RUBBISH AND REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY. LEAVE PREMISES IN CLEAN CONDITION DAILY.
10. PLANS ARE INTENDED TO BE DIAGRAMMATIC ONLY AND SHOULD NOT BE SCALED UNLESS OTHERWISE NOTED. RELY ONLY ON ANNOTATED DIMENSIONS AND REQUEST INFORMATION IF ADDITIONAL DIMENSIONS ARE REQUIRED.
11. THE EXISTENCE AND LOCATION OF UTILITIES AND OTHER AGENCY'S FACILITIES ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. OTHER FACILITIES MAY EXIST BEYOND WHAT IS NOTED. CONTRACTOR SHALL VERIFY LOCATIONS PRIOR TO START OF CONSTRUCTION AND USE EXTREME CARE AND PROTECTIVE MEASURES TO PREVENT DAMAGE TO THESE FACILITIES. CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF UTILITIES OR OTHER AGENCY'S FACILITIES WITHIN THE LIMITS OF THE WORK, WHETHER THEY ARE IDENTIFIED IN THE CONTRACT DOCUMENTS OR NOT.
12. ALL MOUNTING HARDWARE SUCH AS BOLTS, NUTS, LAG SCREWS, CLEVIS, CONDUIT STRAPS, STAPLES, (ANYTHING EXPOSED AND CONNECTING EQUIPMENT TO THE POLE SHALL BE HOT DIPPED GALVANIZED, UNLESS OTHERWISE STATED)

DEFINITIONS

1. "TYPICAL" OR "TYP." MEANS THAT THIS ITEM IS VIRTUALLY IDENTICAL ACROSS SIMILAR CONDITIONS. "TYP." SHALL BE UNDERSTOOD TO MEAN "TYPICAL WHERE OCCURS" AND SHALL NOT BE CONSIDERED AS WITHOUT EXCEPTION OR CONSIDERATION OF SPECIFIC CONDITIONS.
2. "SIMILAR" MEANS COMPARABLE TO CHARACTERISTICS FOR CONDITION NOTED. VERIFY DIMENSIONS AND ORIENTATION ON PLAN.
3. "AS REQUIRED" MEANS AS REQUIRED BY REGULATORY REQUIREMENTS BY REFERENCED STANDARDS, BY EXISTING CONDITIONS, BY GENERALLY ACCEPTED CONSTRUCTION PRACTICE OR BY THE CONTRACT DOCUMENTS.
4. "ALIGN" MEANS ACCURATELY LOCATE FINISH FACES OF MATERIALS IN THE SAME PLANE.
5. THE TERM "VERIFY" OR "V.I.F" SHALL BE UNDERSTOOD TO MEAN VERIFY IN FIELD WITH ARCHITECT AND REQUIRES THAT THE CONTRACTOR CONFIRM INTENTION REGARDING NOTED CONDITION AND PROCEED ONLY AFTER RECEIVING DIRECTION.
6. WHERE THE WORDS "OR EQUAL" OR WORDS OF SIMILAR INTENT FOLLOW A MATERIAL SPECIFICATION, THEY SHALL BE UNDERSTOOD TO REQUIRE SIGNED APPROVAL OF ANY DEVIATION TO SAID SPECIFICATION PRIOR TO CONTRACTOR'S ORDERING OR INSTALLATION OF SUCH PROPOSED EQUAL PRODUCT.
7. FURNISH: SUPPLY ONLY, OTHERS TO INSTALL. INSTALL: INSTALL ITEMS FURNISHED BY OTHERS. PROVIDE: FURNISH AND INSTALL.

PROJECT SPECIFIC NOTES

1. THIS SET IS PROVIDED TO ILLUSTRATE THE EXPECTED SCOPE OF DRAWINGS, QUALITY OF DRAWINGS AND EXTENT GRAPHIC STANDARDS. NOTES ARE FOR A&E CONTRACTOR REFERENCE TO HELP CLARIFY THE SCOPE. ADDITIONAL DRAWINGS MAY BE REQUIRED TO MEET THE REQUIREMENTS OF A GIVEN BASE. ALL EXAMPLES SHOWN ARE FOR REFERENCE ONLY AND ANY NOTES, DETAILS, CALCULATIONS OR OTHER WORK NEEDS TO BE COMPLETED OR CONFIRMED BY THE CONTRACTOR GENERATING THE DRAWINGS IN CONSTRUCTION DOCUMENTS.
2. THIS SET IS TO BE PRINTED AT 11" x 17". IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONFIRM THIS SIZE IS ACCEPTABLE BY THE BASE AND TO PROVIDE A LARGER STANDARD SIZE IF REQUIRED.
3. IT IS THE RESPONSIBILITY OF THE ENGINEER TO CONFIRM ALL WORK SHOWN IS IN COMPLIANCE WITH BASE AND FEDERAL CODES. DRAWINGS SHOWN WITHIN THIS SET ARE SAMPLES AND MAY NOT REFLECT ALL OF THE REQUIRED ELEMENTS, CLEARANCES OR OTHER ITEMS OF ASSEMBLIES NEEDED TO BE CODE COMPLIANT IN THE PARTICULAR MUNICIPALITY THE NODE IS LOCATED WITHIN.

GROUND CONSTRUCTION NOTES:

1. 120/240V POWER REQUIRED FOR 3-WIRE SERVICE.
2. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH FEDERAL STANDARDS AND REGULATIONS AS WELL AS NEC.
3. CALL MICHIGAN ONE CALL 72 HOURS PRIOR TO EXCAVATING AT (800) 482-7171.
4. ALL LANDSCAPING TO BE RESTORED TO ORIGINAL CONDITION OR BETTER.
5. ALL EQUIPMENT TO BE BONDED.
6. METERING CABINET (IF INSTALLED) REQUIRES 3' CLEARANCE AT DOOR OPENING.

STANDARD GROUNDING NOTES:

1. GROUND TESTED AT 25 OHMS OR LESS.
2. 5/8" x 8' RODS, CAD WELD OR UL LISTED DIRECT BURY CLAMP BELOW GRADE.
3. #6 GROUND AND BOND WIRE.
4. MOLDING, STAPLED EVERY 1' AND AT EACH END.
5. GROUND RODS 18" FROM POLE.

STANDARD CONDUIT NOTES:

1. FOR UNDERGROUND CONDUIT AND ABOVE GRADE RISERS USE SCHEDULE 40.
2. IF DIRECTIONAL BORING PLACE 1-1/4" SDR-11 GRAY CONDUIT FOR UNDERGROUND POWER APPLICATIONS.
3. IF TRENCHING, PLACE PVC SCH 40 CONDUIT PER TABLE ON SHEET E1 FOR UNDERGROUND POWER APPLICATIONS.
4. RISERS TO BE ATTACHED TO POLE WITH STANDARD STRAPS AND LAG SCREWS.
5. RISER STRAPS TO BE INSTALLED EVERY 5'.
6. CONDUIT UNDER 1" MAY BE ATTACHED WITH GROUND WIRE MOLDING STAPLES.
7. ALL CONDUIT WILL BE PROOFED WITH A MANDREL AND EQUIPPED WITH PULL ROPE OR MULE TAPE.

STANDARD TRENCHING NOTES:

1. MAINTAIN 36" MINIMUM COVER FOR ELECTRICAL CONDUIT.
2. MAINTAIN 36" MINIMUM COVER FOR COMMUNICATION CONDUIT.
3. IN STREET SLURRY TO GRADE AND MILL DOWN 1-1/2" FOR AC CAP.
4. IN DIRT SLURRY 18" FROM GRADE AND FILL WITH 95% COMPACTION NATIVE SOIL FOR BALANCE.
5. PLACE WARNING TAPE IN TRENCH 12" ABOVE ALL CONDUITS AND #18 WARNING TAPE ABOVE GROUND EQUIPMENT.

UTILITY POLE CONSTRUCTION NOTES:

1. NO BOLT THREADS TO PROTRUDE MORE THAN 1/2".
2. FILL ALL HOLES LEFT IN POLE FROM REARRANGEMENT OF CLIMBERS.
3. ALL CLIMB STEPS NEXT TO CONDUIT SHALL HAVE EXTENDED STEPS.
4. CABLE NOT TO IMPEDE 15" CLEAR SPACE OFF POLE FACE.
5. 90° SHORT SWEEP UNDER ANTENNA ARM. ALL CABLES MUST ONLY TRANSITION ON THE INSIDE OR BOTTOM OF ARMS (NO CABLE ON TOP OF ARMS).
6. USE CABLE CLAMPS TO SECURE CABLE TO ARMS; PLACE 2" CARRIER ID TAGS ON BOTH SIDE OF ARMS.
7. USE 90° CONNECTOR AT CABLE CONNECTION TO ANTENNAS.
8. USE 1/2" CABLE ON ANTENNAS UNLESS OTHERWISE SPECIFIED.
9. FILL VOID AROUND CABLES AT CONDUIT OPENING WITH FOAM SEALANT TO PREVENT WATER INTRUSION.

VERIZON WIRELESS CONSTRUCTION NOTES:

1. CONTRACTOR IS TO FOLLOW THE MOST CURRENT VZW STANDARDS DOCUMENTS PROVIDED TO COMPLETE THIS INSTALLATION.
2. CONTRACTOR SHALL COMPLETE VZW PROVIDED "SMALL CELL SWEEP REPORT" WITH ALL INFORMATION FILLED IN ACCURATELY AND COMPLETELY.
3. CONTRACTOR TO REFER TO THE MOST CURRENT VZW STANDARDS FOR APPROVED "PIM" TEST EQUIPMENT AND GUIDELINES.
4. CONTRACTOR IS TO USE BATTERY POWERED "PIM" EQUIPMENT TO VALIDATE THE FINAL LOCATION OF THE JUMPER AND ANTENNA ARE FREE OF INTERNAL AND EXTERNAL "PIM" SOURCES.
5. CONTRACTOR SHALL PROVIDE AT LEAST ONE TECHNICAL LEAD THAT IS CERTIFIED AND PROFICIENT IN EXECUTING, INTERPRETING AND RECORDING "PIM" MEASUREMENTS.

PREPARED FOR:



PREPARED BY:

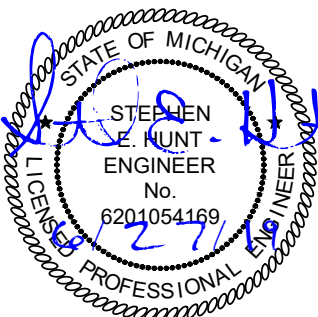


1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION

ENGINEER'S STAMP:


NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:

40214

COUNTY:

WASHTENAW

LATITUDE:

42° 14' 45.24" N

LONGITUDE:

83° 36' 58.14" W

DESIGN TYPE:

COLOCATION

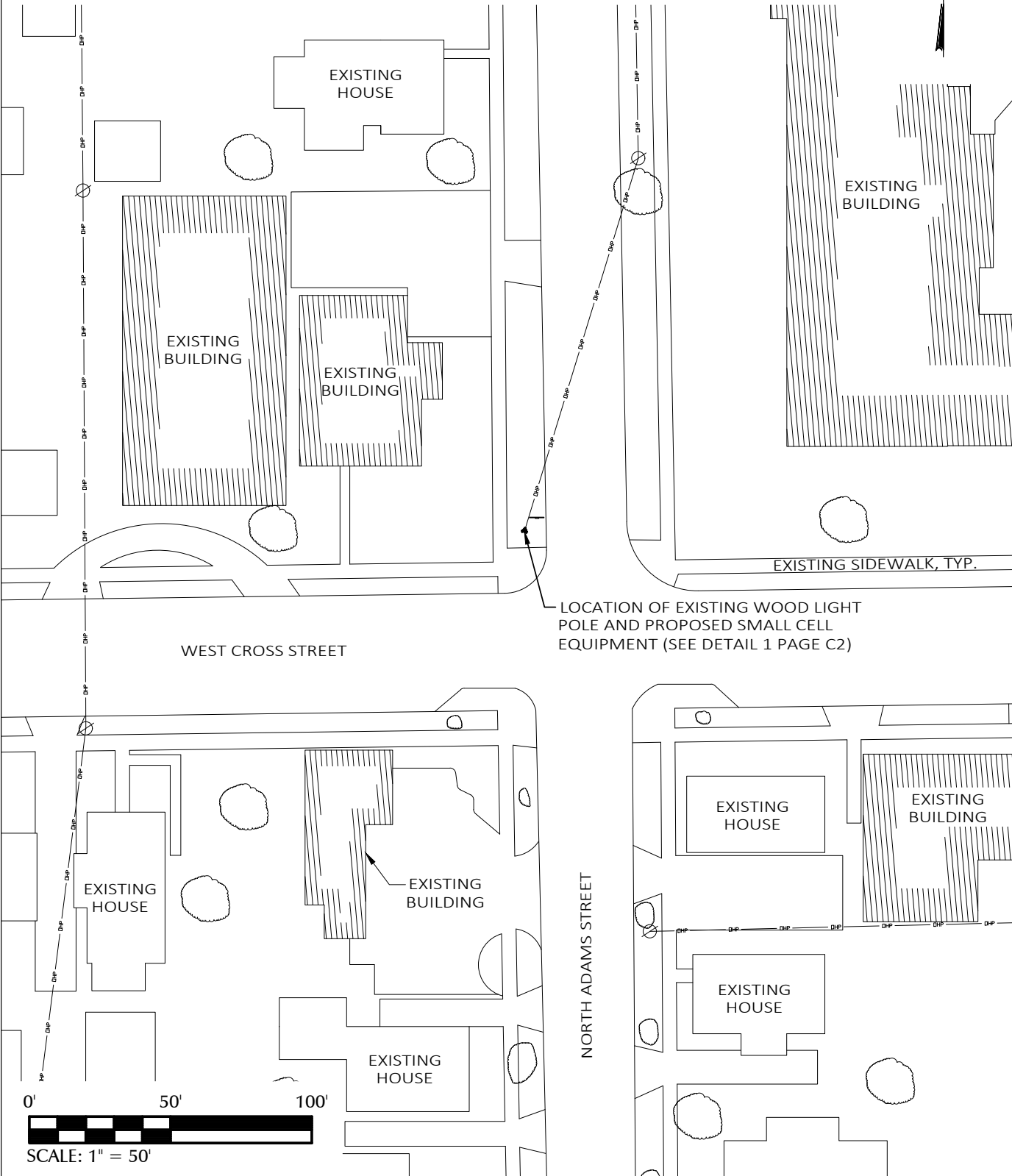
SHEET TITLE:

GENERAL NOTES

DRAWING NO. GN1	REVISION: 0
-------------------------------	---------------------------

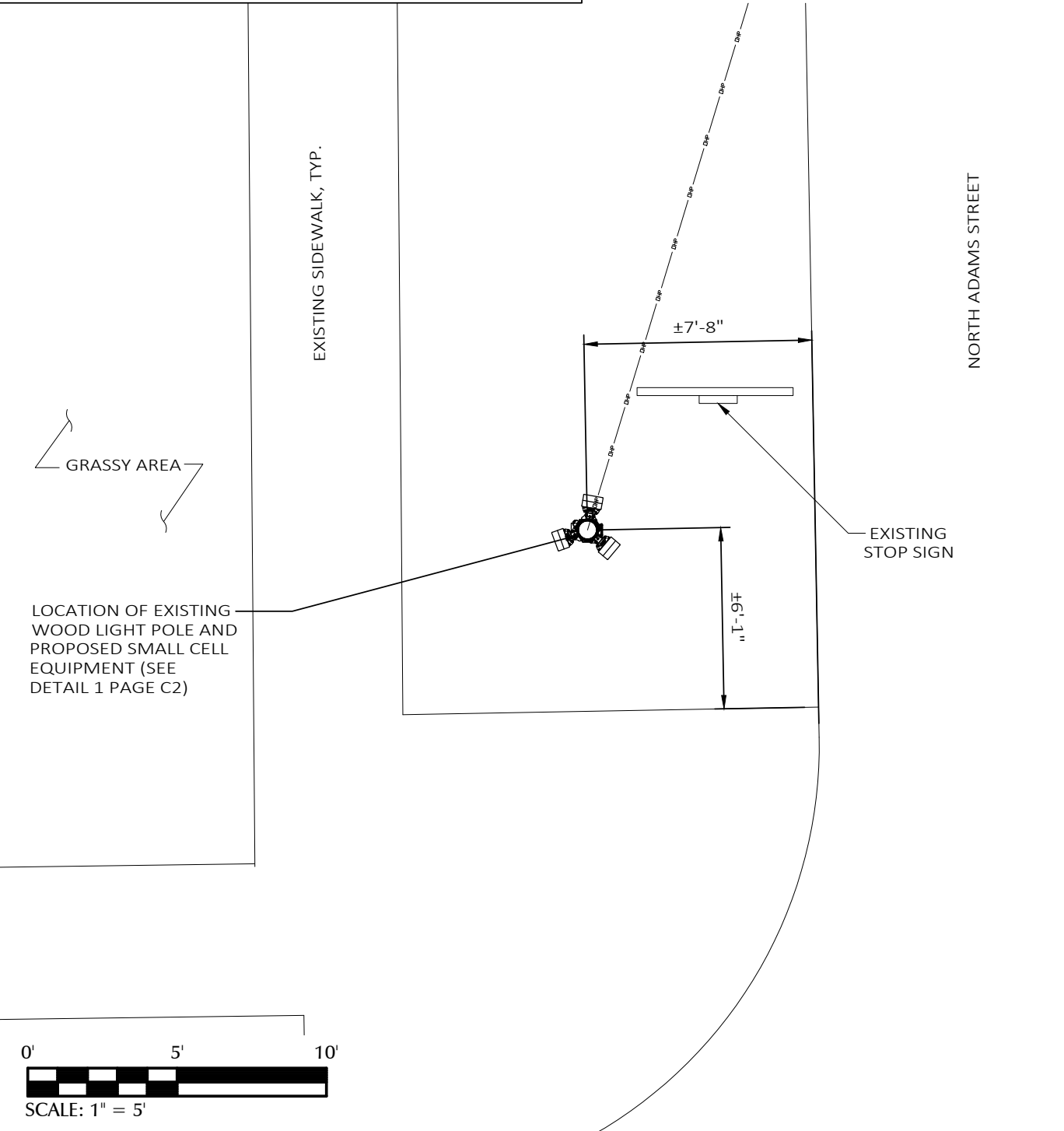
NOTES:

1. THIS DRAWING IS BASED ON AERIAL IMAGERY AND FIELD OBSERVATIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
2. THE PROPOSED USE DOES NOT REQUIRE FULL OR PART TIME EMPLOYEES AT THE SITE.
3. FOR GENERAL SITE WORK NOTES, SEE SHEET GN1.
4. ALL NORTH ARROWS ON SITE PLANS ARE TRUE NORTH, UNLESS OTHERWISE SPECIFIED.
5. OPEN CUT CONSTRUCTION THROUGH EXISTING PAVEMENT, I.E. ROADWAYS, PARKING AREAS, SIDEWALKS WILL NOT BE ALLOWED. CONSTRUCTION UNDER EXISTING PAVEMENTS WILL BE REQUIRED TO BE INSTALLED WITH DIRECTIONAL BORING TECHNIQUE.



1 OVERALL SITE LAYOUT

LEGEND			
UNDERGROUND POWER	UGP	UGP	
OVERHEAD POWER	DHP	DHP	
OVERHEAD UTILITIES	DHU	DHU	
UNDERGROUND TELCO	UGT	UGT	
OVERHEAD TELCO	DHT	DHT	
GAS LINE	GAS	GAS	
FENCE	X	X	
SEWER LINE	SVR	SVR	
WATER LINE	VTR	VTR	
COAX CABLE	C	C	
HYBRID CABLE	HYB	HYB	
HIGH VOLTAGE POWER	HVP	HVP	
FIBER	FBR	FBR	
RIGHT-OF-WAY	RDW	RDW	
PROPERTY LINE	PL	PL	
EDGE OF PAVEMENT	EDP	EDP	
CATCH BASIN			
IRON PIN SET (IPF) 5/8" REBAR			
IRON PIN FOUND (IPF)			
BENCHMARK			
CONCRETE MON. FOUND			
CONCRETE MON. SET			
UTILITY POLE			
LIGHT POLE			
WATER VALVE			
MANHOLE			
GAS VALVE			
FIRE HYDRANT			
TELCO PEDESTAL			
ELECTRICAL PULL BOX			



2 ENLARGED SITE LAYOUT

PREPARED FOR:



PREPARED BY:



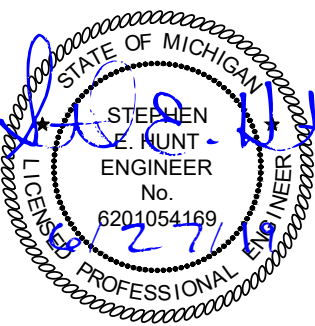
1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION

ENGINEER'S STAMP:



NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:	40214
COUNTY:	WASHTENAW
LATITUDE:	42° 14' 45.24" N
LONGITUDE:	83° 36' 58.14" W
DESIGN TYPE:	COLOCATION
SHEET TITLE:	SITE LAYOUTS
DRAWING NO.	C1
REVISION:	0

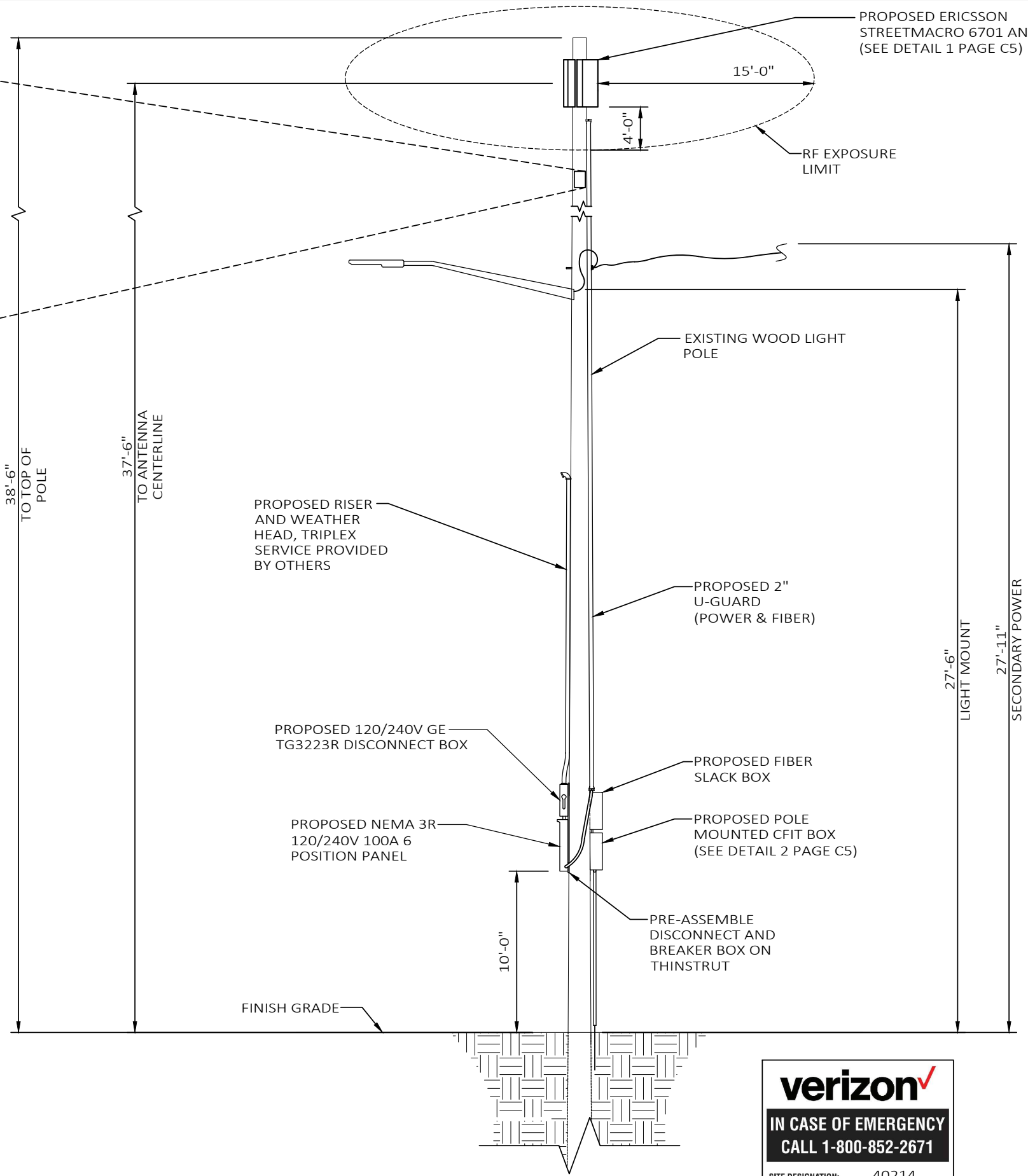


12"x18" RF WARNING SIGN
TYPICAL OF 2

CONTRACTOR TO OBTAIN
LATEST RFDS FROM VERIZON
PRIOR TO CONSTRUCTION.

40" MIN. CLEARANCE
BELOW NEW TRIPLEX
SERVICE

5'-0" MIN. CLEARANCE
ABOVE ANY DTE EQUIPMENT
TO BOTTOM OF ANTENNA



**IN CASE OF EMERGENCY
CALL 1-800-852-2671**

SITE DESIGNATION: 40214

INSTALL ON BREAKER PANEL

PREPARED FOR:



PREPARED BY:



1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS
SET OF DOCUMENTS IS PROPRIETARY BY
NATURE. ANY USE OR DISCLOSURE OTHER
THAN THAT WHICH RELATES TO THE
CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION

ENGINEER'S STAMP:

NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:
40214

COUNTY:
WASHTENAW

LATITUDE:
42° 14' 45.24" N

LONGITUDE:
83° 36' 58.14" W

DESIGN TYPE:
COLOCATION

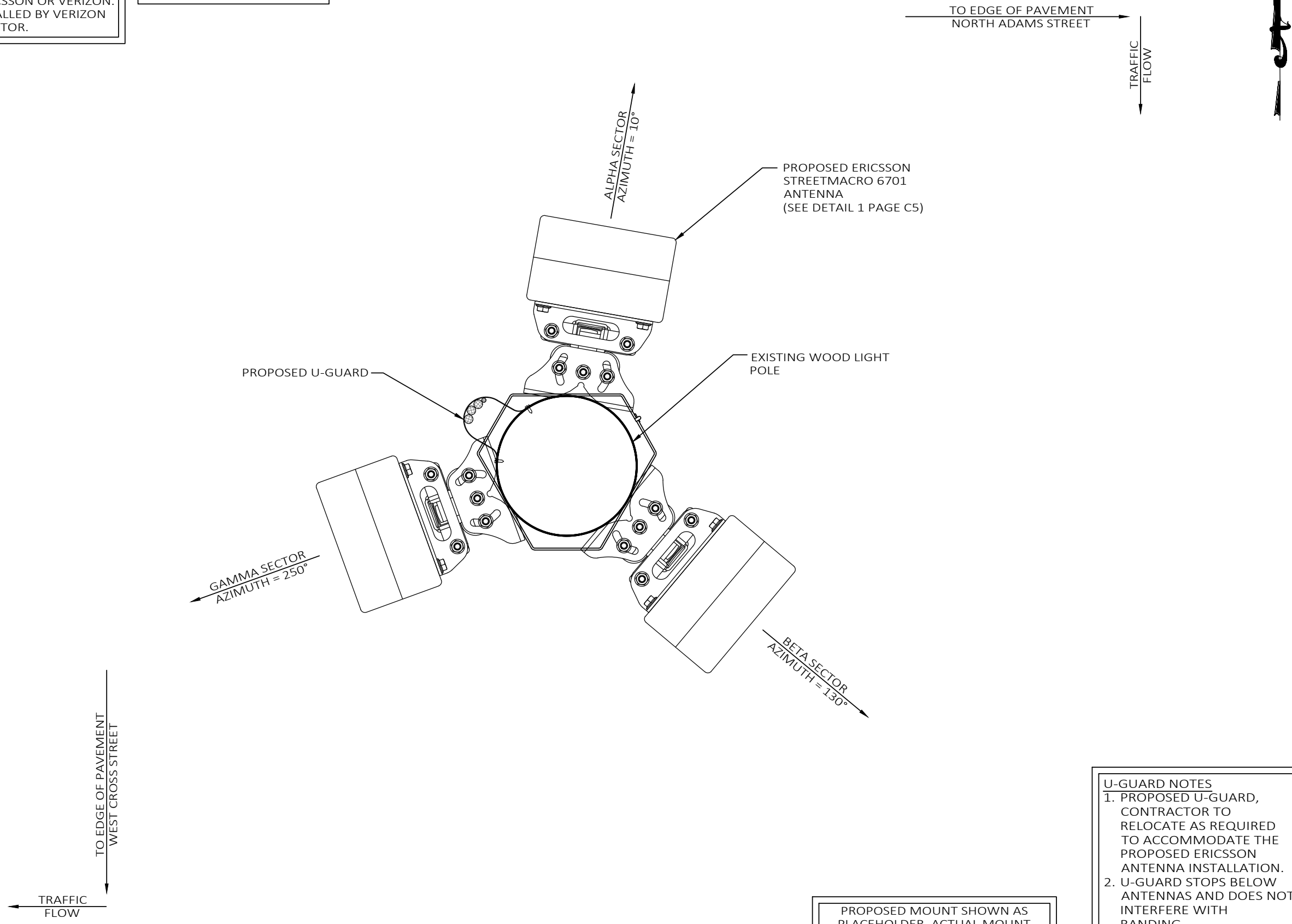
SHEET TITLE:
POLE ELEVATION

DRAWING NO.
C2

REVISION:
0

AZIMUTHS ARE SUBJECT TO CHANGE. CONTRACTOR TO VERIFY AZIMUTHS FROM FINAL RFDS FROM VZW. ANTENNA MOUNT TO BE SUPPLIED BY ERICSSON OR VERIZON. ANTENNA TO BE INSTALLED BY VERIZON CONTRACTOR.

INSTALL STRAIN RELIEF FOR POWER & FIBER CABLES AT OR NEAR ANTENNAS



PROPOSED MOUNT SHOWN AS PLACEHOLDER. ACTUAL MOUNT SUBJECT TO CHANGE PER DTE AND VERIZON FUTURE DISCUSSIONS

- U-GUARD NOTES
1. PROPOSED U-GUARD, CONTRACTOR TO RELOCATE AS REQUIRED TO ACCOMMODATE THE PROPOSED ERICSSON ANTENNA INSTALLATION.
 2. U-GUARD STOPS BELOW ANTENNAS AND DOES NOT INTERFERE WITH BANDING.
 3. U-GUARD MUST BE RACEWAY CAPABLE.

PREPARED FOR:

PREPARED BY:

1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION

ENGINEER'S STAMP:

NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:

40214

COUNTY:

WASHTENAW

LATITUDE:

42° 14' 45.24" N

LONGITUDE:

83° 36' 58.14" W

DESIGN TYPE:

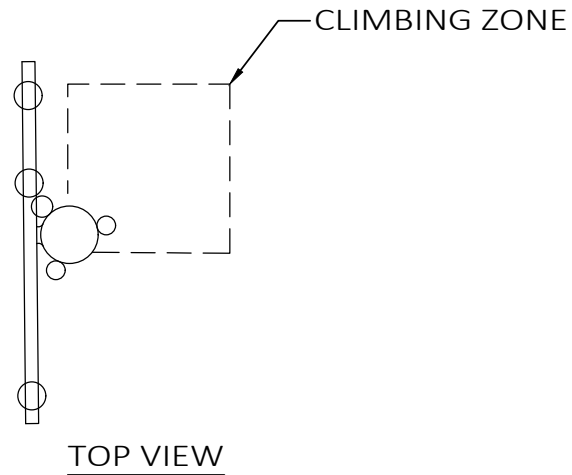
COLOCATION

SHEET TITLE:

ANTENNA LAYOUT

DRAWING NO.	REVISION:
C2A	0

POLE ATTACHED EQUIPMENT	
EQUIPMENT	VOLUME (CU-FT)
STREET MACRO 6701 ANTENNA	0.46
STREET MACRO 6701 ANTENNA	0.46
STREET MACRO 6701 ANTENNA	0.46
TOTAL IN CU-FT	1.38



- NOTES:
1. WORKING CLEARANCE FROM ENERGIZED ANTENNA MUST BE GREATER THAN 4 FT, OTHERWISE SHUT DOWN RADIO AND ANTENNA PER INSTRUCTIONS ON PLACARD OR BY OPENING DISCONNECT SWITCH TO RADIO EQUIPMENT ON POLE.
 2. ANTENNA AND MOUNTING BRACKETS INSTALLED ABOVE DTE WIRES MUST BE INSTALLED AND MAINTAINED BY DTE OR DTE'S DESIGNATED CONTRACTOR.
 3. VERTICAL CLIMBING ZONE MUST BE MAINTAINED ON ALL POLES. (SEE TOP VIEW)
 4. BASE CABINET TO BE CLEARLY LABELED WITH OWNER'S NAME AND 1-800 PHONE NUMBER WITH 3/4" TALL LETTERING.
 5. SHUTDOWN PLACARD TO BE PLACED ON THE POLE NEAR BASE CABINET AND DISCONNECT SWITCH BOX.
 6. 5' FT MIN. CLEARANCE ABOVE ANY DTE EQUIPMENT.
 7. ANTENNA POLE TOP CLEARANCES APPLY TO ANY DTE EQUIPMENT OR WIRES INSTALLED UNDER THE ANTENNA.

REFERENCE DTE ENERGY
CELLULAR ANTENNA SMALL CELL SITE CONSTRUCTION
LINE CONSTRUCTION STANDARDS 4-JOINT USE 1-4-26.1
DATED 11/1/2017

PREPARED FOR:



PREPARED BY:

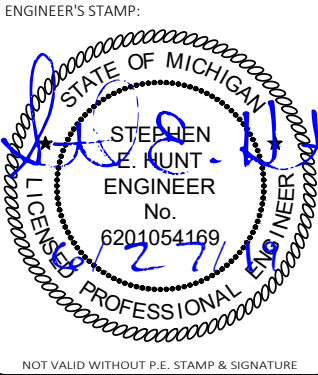


1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

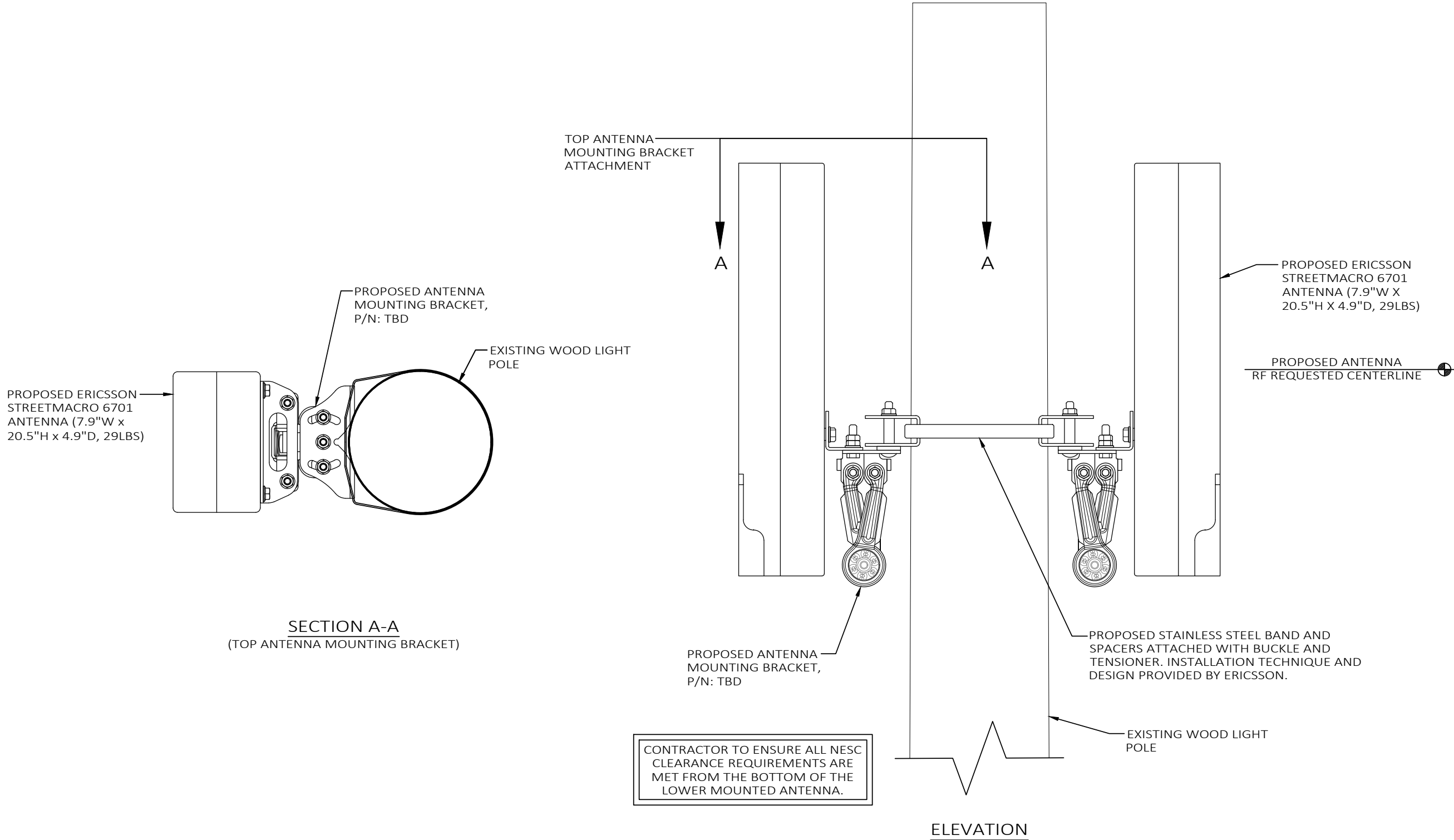
DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS
SET OF DOCUMENTS IS PROPRIETARY BY
NATURE. ANY USE OR DISCLOSURE OTHER
THAN THAT WHICH RELATES TO THE
CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION



SITE NAME:	40214
COUNTY:	WASHTENAW
LATITUDE:	42° 14' 45.24" N
LONGITUDE:	83° 36' 58.14" W
DESIGN TYPE:	COLOCATION
SHEET TITLE:	DTE NOTES
DRAWING NO.	REVISION:
C3	0



PREPARED FOR:



PREPARED BY:



1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS
SET OF DOCUMENTS IS PROPRIETARY BY
NATURE. ANY USE OR DISCLOSURE OTHER
THAN THAT WHICH RELATES TO THE
CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION

ENGINEER'S STAMP:

NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:	40214
COUNTY:	WASHTENAW
LATITUDE:	42° 14' 45.24" N
LONGITUDE:	83° 36' 58.14" W
DESIGN TYPE:	COLOCATION

SHEET TITLE:	SITE DETAILS
--------------	--------------

DRAWING NO.	REVISION:
C4	0

Spectrum:

IBW

OBW

EIRP

28 GHz

Full band

800 MHz

~ 55 dBm

of Users:

Total Antenna BW:

Throughput:

RI ports:

TN/IDLports:

Misc:

2,000+

1600 MHz

5 Gbps DL/ 1 Gbps UL

2

2

4xExternal Alarms, USB connector
PoE, GPS, 1588 Synch

Weight:

Size:

Operational conditions:

Cooling:

Power:

IP Class:

~ 13 kg (29 lbs)

20,5"x4,9"x7,9" (13 l)

-40 to +55 degrees

Active

AC, <300W Max

IP 65

Ericsson Confidential | 2018-03-15



20,5"x5"x8" Not to Exceed Dimensions

CFIT BOX

PART CODE: CFIT-C48D4LHXVZ
DESIGNED BY CHARLES INDUSTRIES



PRODUCT SPECIFICATIONS

TECHNICAL SPECIFICATIONS	
HEIGHT (PANEL ONLY)	15 in.
DEPTH, BASE (FRONT TO BACK)	5.5 in.
WIDTH	12 in.
WEIGHT	4 lbs.
CONSTRUCTION	RUGGED UL94-5VA GRAY POLYCARBONATE
SUPPORTED FIBER CONNECTOR TYPES	SC, LC or MPO
COMPLIANCE	DESIGNED TO MEET GR-950, GR2898, NEMA 4, IP66
SPLICING CAPACITY	UP TO THREE (3) 4"x6" HINGED SPLICE TRAYS ON FEED FIBER SIDE.
BULKHEAD CAPACITY	24 SC ADAPTERS

PREPARED FOR:



PREPARED BY:

TeleCAD

Wireless

1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION

ENGINEER'S STAMP:

NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:
40214

COUNTY:
WASHTENAW

LATITUDE:
42° 14' 45.24" N

LONGITUDE:
83° 36' 58.14" W

DESIGN TYPE:
COLOCATION

SHEET TITLE:
EQUIPMENT DETAILS

DRAWING NO. C5	REVISION: 0
-------------------	----------------

ELECTRICAL NOTES:

1. PROVIDE AND INSTALL WARNING TAPE FOR ELECTRIC SERVICE CONDUIT 12" BELOW GRADE.
2. CONTRACTOR TO PAY FOR THE SERVICE AS DIRECTED BY THE MUNICIPALITY.
3. CONTRACTOR TO USE PVC SCH 40 CONDUIT WHERE CONDUITS CROSS ACCESS ROADS.
4. CONTRACTOR SHALL COORDINATE WITH ELECTRIC AND TELEPHONE UTILITY COMPANIES FOR SERVICES.
5. CONTRACTOR TO PAY ALL FEES FOR SERVICES REQUIRED.
6. CONTRACTOR TO BE ADVISED THAT EXISTING UNDERGROUND CONDUITS, GROUND CABLES EXIST. DIG WITH CAUTION.
7. CONTRACTOR TO VERIFY POWER AND TELCO LB LOCATIONS AND FLEX CONDUIT SIZE AND ROUTING TO THE EQUIPMENT SHELTER WITH MANUFACTURER'S DRAWINGS.
8. OPEN CUT CONSTRUCTION THROUGH EXISTING PAVEMENT, I.E. ROADWAYS, PARKING AREAS, SIDEWALKS WILL NOT BE ALLOWED. CONSTRUCTION UNDER EXISTING PAVEMENTS WILL BE REQUIRED TO BE INSTALLED WITH DIRECTIONAL BORING TECHNIQUE.

UTILITY NOTES:

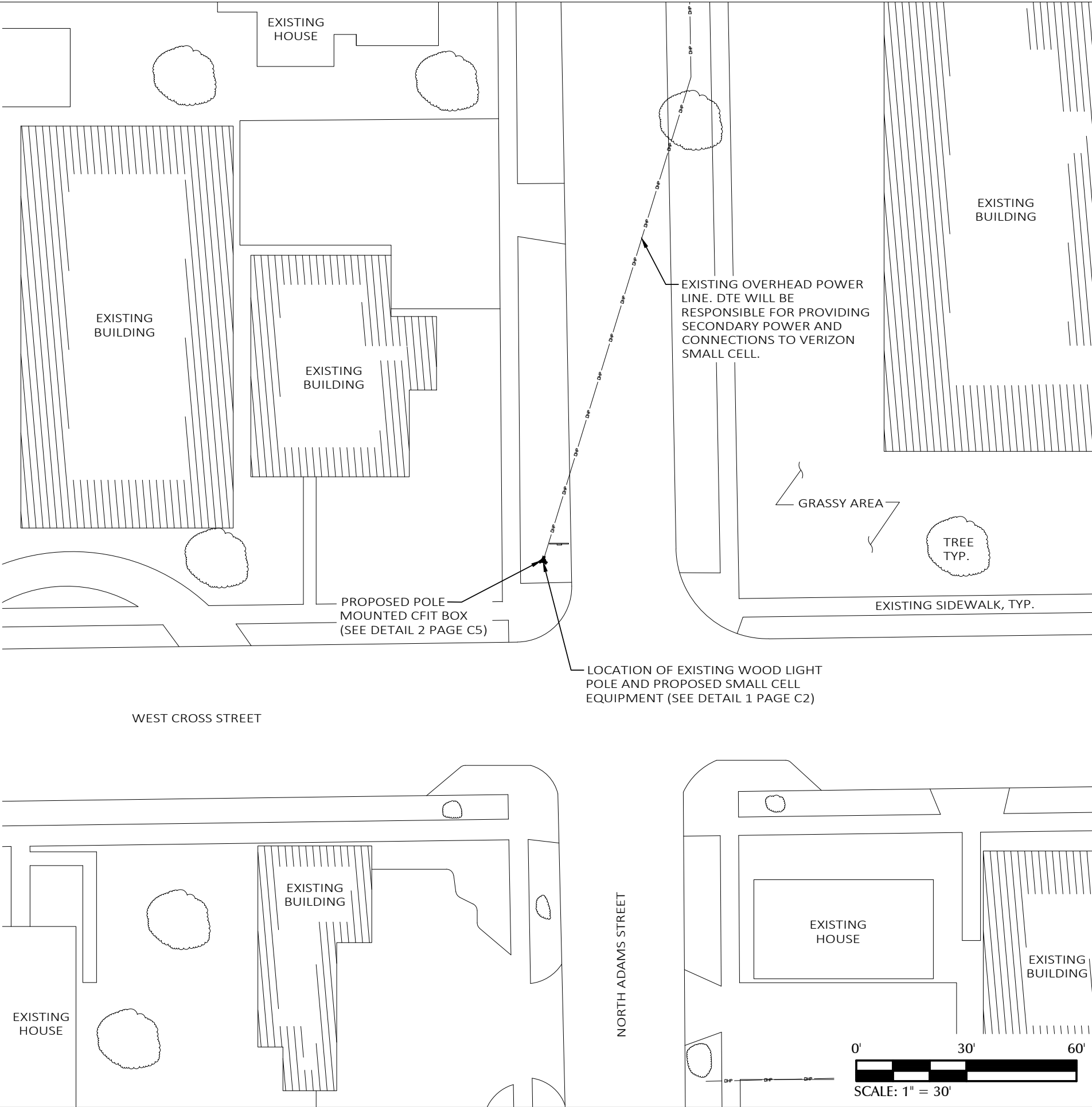
1. ALL POWER CONDUITS ABOVE GRADE, SWEEPS, & ELBOWS TO BE PVC SCH 40.
2. INSTALL PULL STRING IN TELCO CONDUIT.

STANDARD POWER SUPPLY FOR THE SMALL CELL NODES IS A 100 AMP 120/240 VOLT SINGLE PHASE SERVICE

SERVICE CONDUCTOR MAXIMUM DISTANCE CHART (BASED ON 80 AMP MAX. CONTINUOUS LOAD)			
WIRE SIZE	ALUMINUM 120V	COPPER 120V	CONDUIT SIZE
3 AWG	55'	90'	3/4" MIN
2 AWG	70'	115'	3/4" MIN
1 AWG	85'	145'	3/4" MIN
1/0 AWG	110'	180'	1" MIN
2/0 AWG	140'	230'	1" MIN
3/0 AWG	175'	290'	1 1/4" MIN
4/0 AWG	220'	365'	1 1/4" MIN
250 KCMIL	265'	435'	1 1/4" MIN
300 KCMIL	315'	520'	1 1/2" MIN
350 KCMIL	370'	610'	1 1/2" MIN
400 KCMIL	420'	695'	2" MIN
500 KCMIL	530'	870'	2" MIN

LEGEND

UNDERGROUND POWER	USP	CATCH BASIN	CB
OVERHEAD POWER	DHP	IRON PIN SET (IPF) 3/8" REBAR	IPF
OVERHEAD UTILITIES	DHU	IRON PIN FOUND (IPF)	IPF
UNDERGROUND TELCO	UGT	BENCHMARK	BM
OVERHEAD TELCO	DHT	CONCRETE MON. FOUND	CMF
GAS LINE	GAS	CONCRETE MON. SET	CMS
FENCE	X	UTILITY POLE	UP
SEWER LINE	SVR	LIGHT POLE	LP
WATER LINE	VTR	WATER VALVE	WV
COAX CABLE	C	MANHOLE	M
HYBRID CABLE	HYB	GAS VALVE	GV
HIGH VOLTAGE POWER	HVP	FIRE HYDRANT	FH
FIBER	FBR	TELCO PEDESTAL	TP
RIGHT-OF-WAY	RDW	ELECTRICAL PULL BOX	EPB
PROPERTY LINE	PL		
EDGE OF PAVEMENT	EDP		



PREPARED FOR:



PREPARED BY:

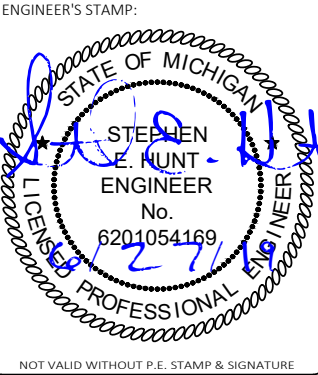


1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

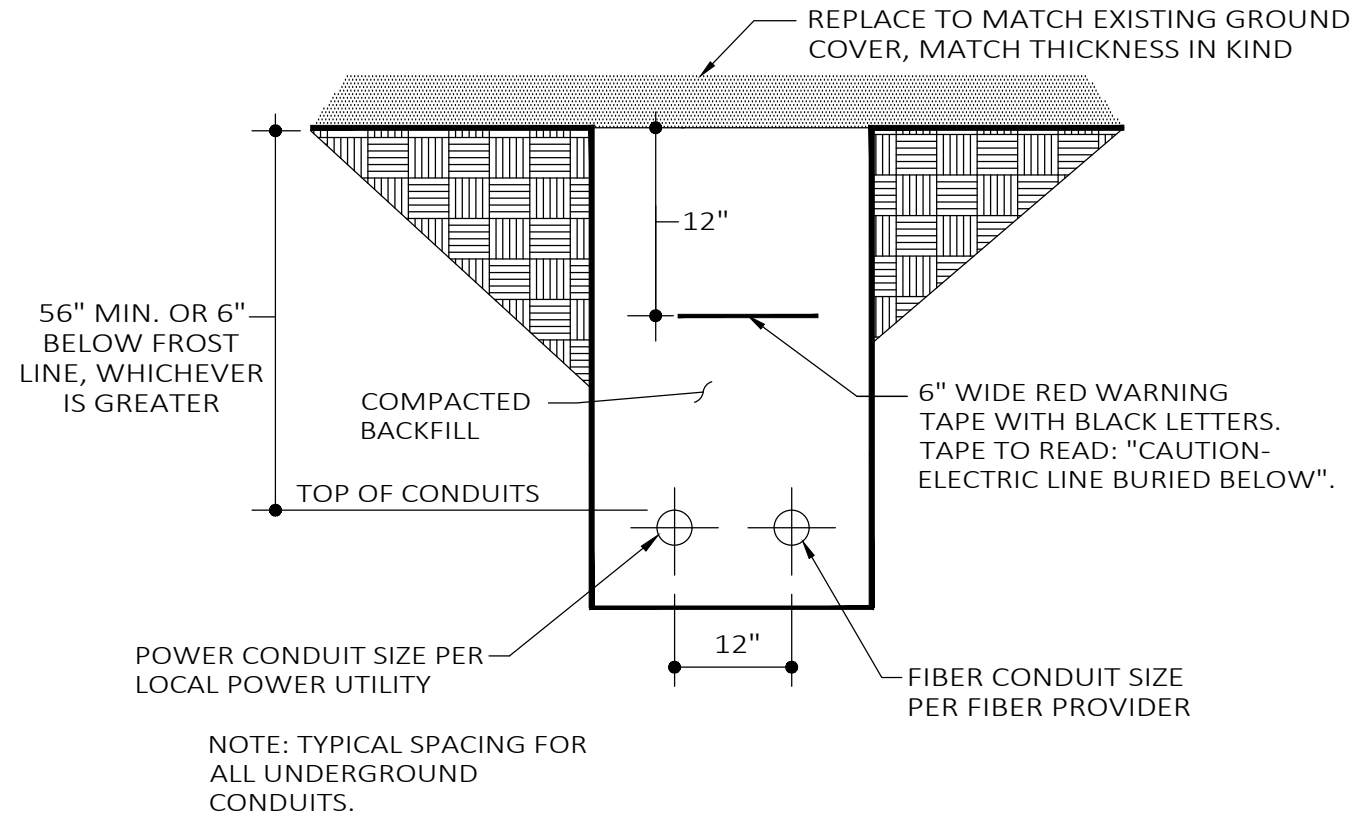
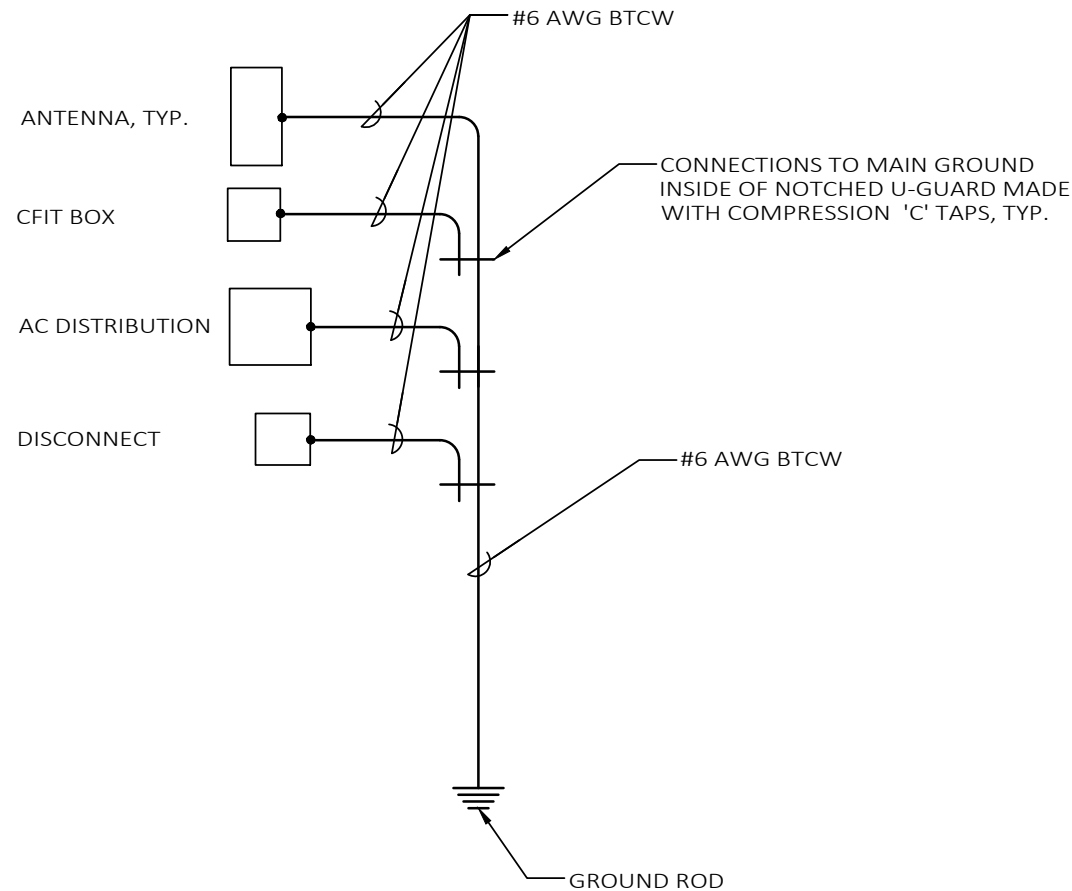
REVISIONS			
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION



SITE NAME:	40214
COUNTY:	WASHTENAW
LATITUDE:	42° 14' 45.24" N
LONGITUDE:	83° 36' 58.14" W
DESIGN TYPE:	COLOCATION

SHEET TITLE:
UTILITY SITE PLAN

DRAWING NO. E1	REVISION: 0
-------------------	----------------



PREPARED FOR:

verizon

PREPARED BY:

TeleCAD Wireless
1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY: LA
CHECKED BY: CTD

REVISIONS				
O	06/27/19	DAJ	CONSTRUCTION ISSUE	
A	06/19/19	LA	PRELIMINARY REVIEW	
NO.	DATE	BY	DESCRIPTION	

ENGINEER'S STAMP:
STATE OF MICHIGAN
STEPHEN E. HUNT
ENGINEER
No. 6201054169
LICENSED PROFESSIONAL ENGINEER
NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:
40214
COUNTY:
WASHTENAW
LATITUDE:
42° 14' 45.24" N
LONGITUDE:
83° 36' 58.14" W
DESIGN TYPE:
COLOCATION

SHEET TITLE:
ELECTRICAL DETAILS

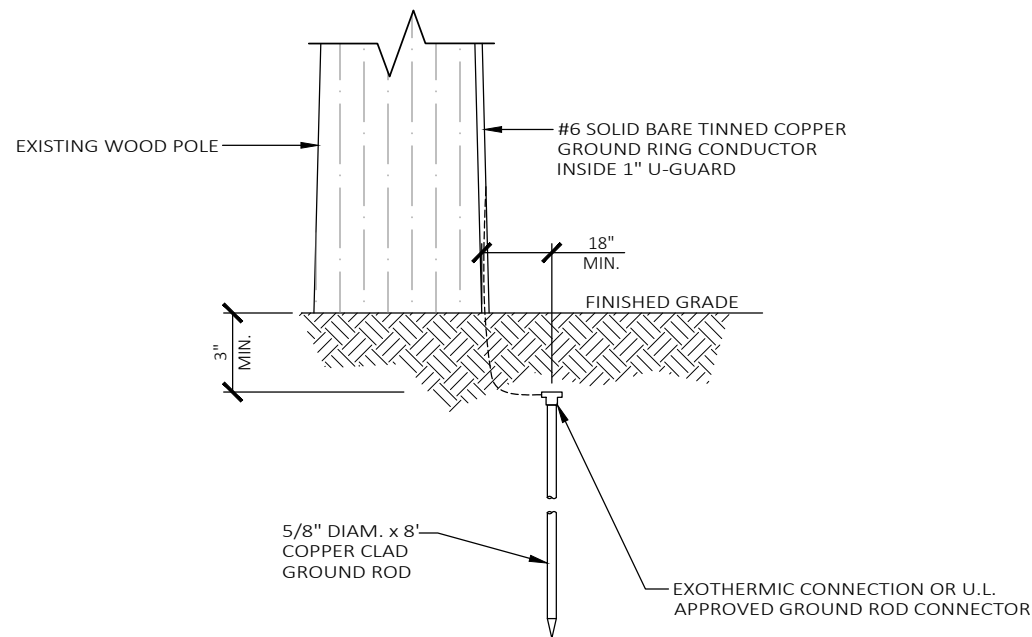
DRAWING NO. E2
REVISION: 0

1 SINGLE POINT RADIAL GROUND DETAIL

N.T.S.

2 TRENCH DETAIL (IF REQUIRED)

N.T.S.



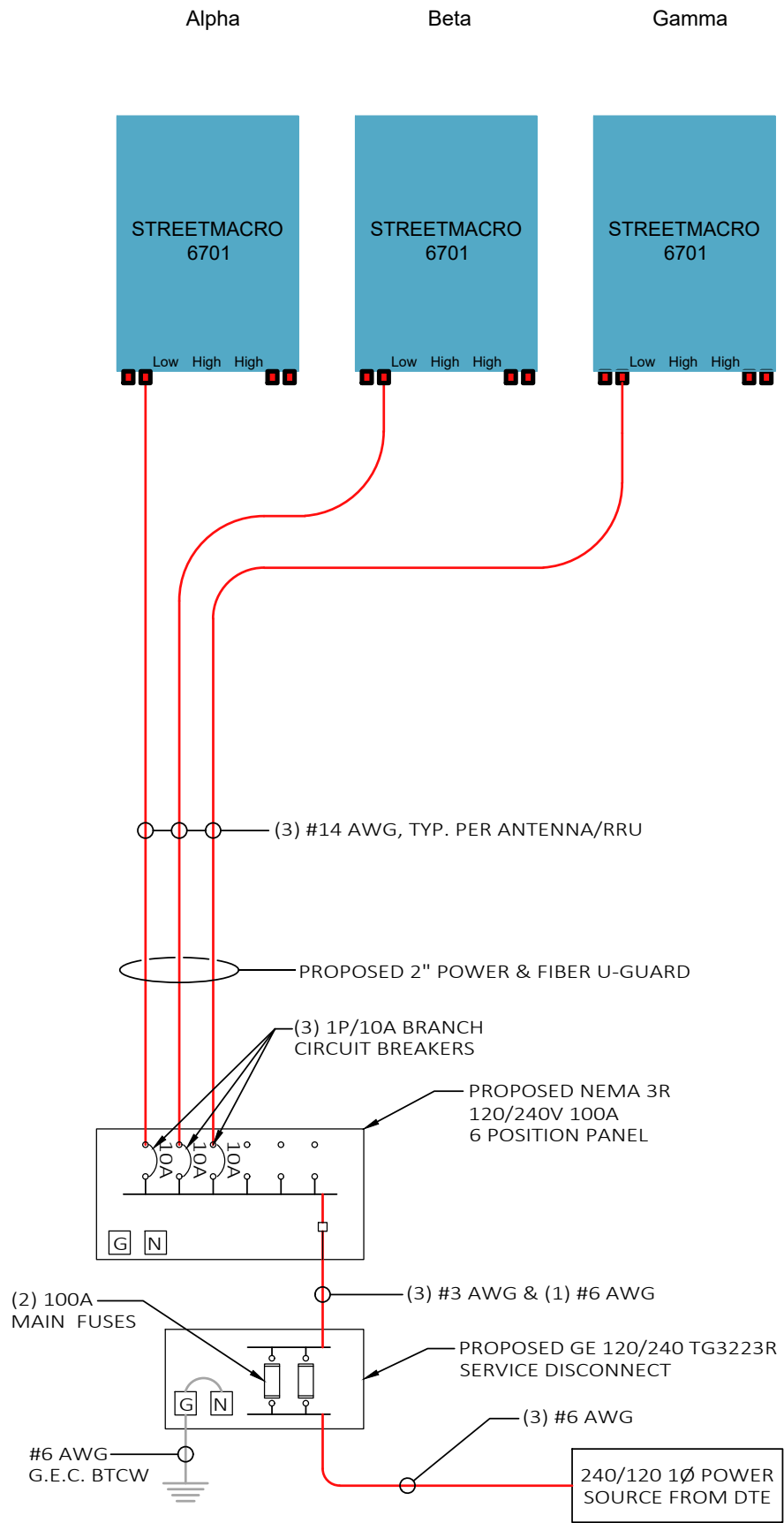
3 GROUND ROD DETAIL

N.T.S.

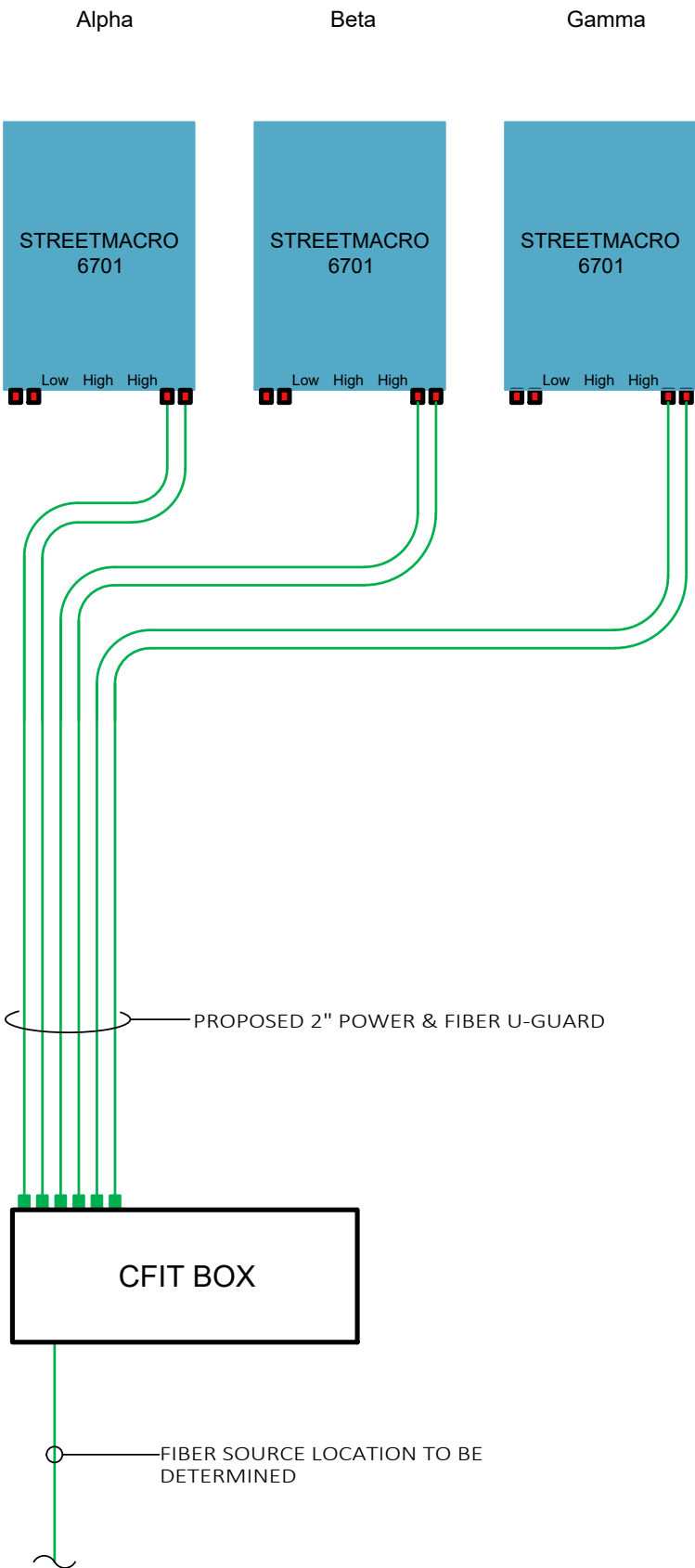
4 DETAIL NOT IN USE

N.T.S.

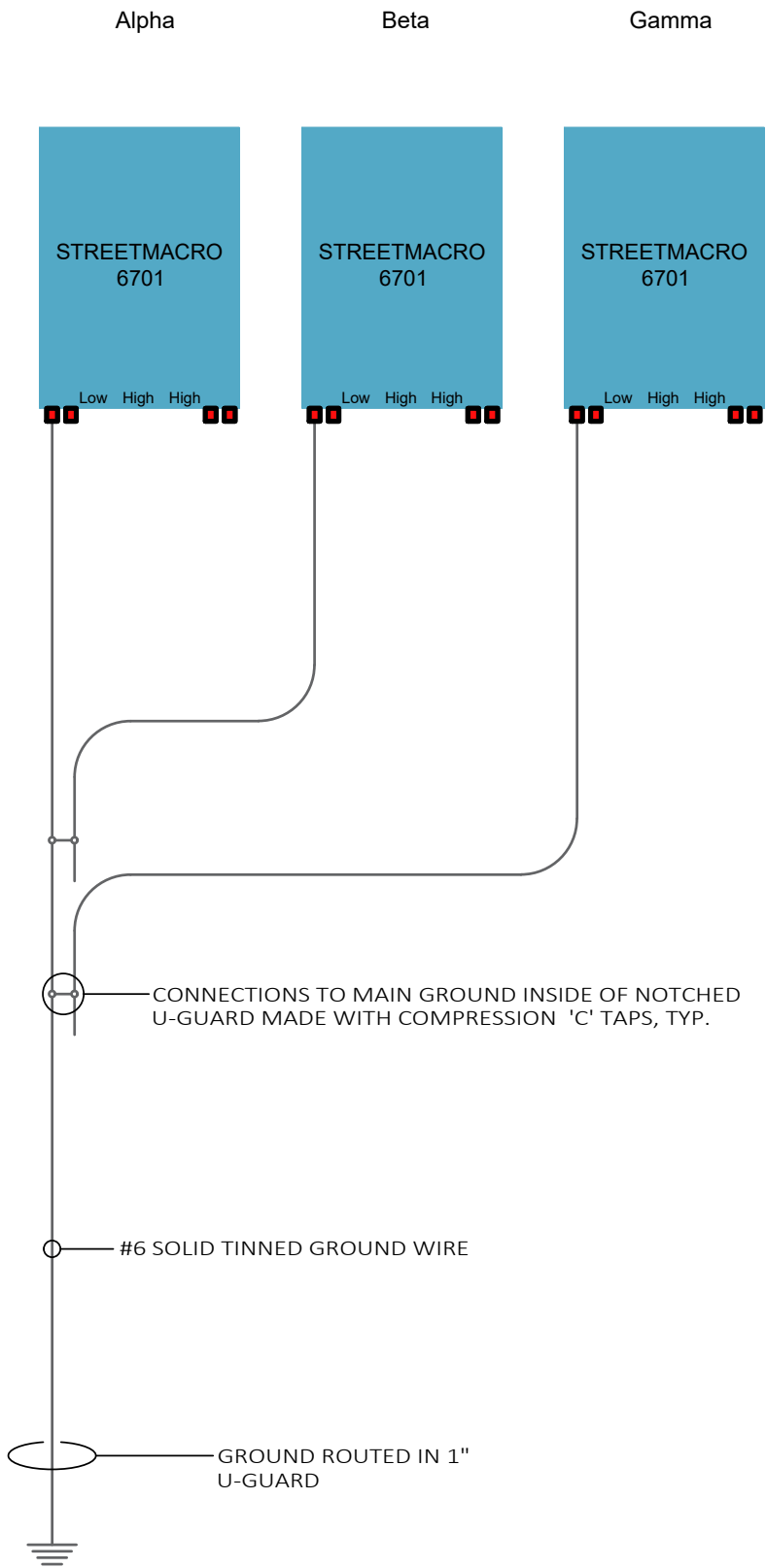
POWER ROUTING



FIBER ROUTING



GROUND ROUTING



PREPARED FOR:



PREPARED BY:

TeleCAD Wireless

1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION

ENGINEER'S STAMP:

STATE OF MICHIGAN

STEPHEN E. HUNT
ENGINEER
No. 6201054169

LICENSED PROFESSIONAL ENGINEER

NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:	40214
COUNTY:	WASHTENAW
LATITUDE:	42° 14' 45.24" N
LONGITUDE:	83° 36' 58.14" W
DESIGN TYPE:	COLOCATION

SHEET TITLE:
SINGLE LINE DIAGRAM

DRAWING NO.	REVISION:
E3	0



Facing northeast to light pole.



Facing southeast to light pole and 430 N Adams



Facing east, view from light pole.



Facing north from light pole.



Facing northwest from light pole.



Facing southwest from light pole.



Facing south from light pole.



City of Ypsilanti

Community and Economic Development

December 03, 2020



CERTIFICATE OF APPROPRIATENESS

RE: Work Permit Application (PHDC-20-0088) for Re-roofing at 9 N RIVER

Dear MR ROOF ANN ARBOR LLC,

Staff has reviewed the Historic District Work Permit Application for the above named address. Your application to reroof the house with SureNail Architectural Shingles in "Estate Gray," with a white drip edge has been **approved**. Please see condition 5 regarding ventilation. We understand that there are currently can vents on the house, and due to the pitch, a ridge vent is not really possible. New vents may replace the old, and any additional vents as proposed are not to be visible from the right-of-way.

The following Historic District conditions must be followed in all roofing projects:

1. **Any decorative or unusual feature on the roof, trim or molding must be maintained.** Roof deck shall overhang sufficiently to accommodate duplication of any trim or molding.
2. **Shingles shall match the current shingles in color and material.** Must be asphalt or fiberglass traditional three-tab or dimensional (i.e. architectural).
3. **Metal work, drip edge, flashing vents, must have color either factory-applied or applied on site and must match the existing colors.** No raw material.
4. **Flashing must be inserted under siding.** Color must closely match the adjacent surface (either roof shingles or building trim).
5. **Roof venting shall be accomplished through the use of ridge vents.** If additional vents must be used to meet code requirements, vents shall have a flat profile and closely match the roof color. Can vents are prohibited unless deemed necessary for code compliance. Any new can vents must be placed at the rear of the structure and *must not* be visible from the street.

6. **Gutter straps must be installed under the roof shingles.** Downspouts must be located at the corners of the structure.
7. **Torches are not to be used at any time during installation.**

The following Secretary of Interior Standards were considered in approving your application:

- #5 – Preserve distinctive features.
- #10 – New work shall be removable.

This detailed list takes the place of your presence at a Historic District Commission (HDC) meeting. Therefore, it is important that you read carefully and follow **all** guidelines detailed in this letter. This approval is for re-roofing only, which according to your application is the only work being performed at this time. Any work on the gutters, fascia, soffits or trim must be reviewed by the HDC. If you have any questions regarding this information please contact me at (734) 483-9646. **Approval by the Historic District Commission does not exempt you from nor can it be substituted for zoning or building department approval.**

Sincerely,


Scott E. Siagor, Preservation Planner
Community & Economic Development Department

CC: Property Owner 
File
Building Department



RECEIVED

NOV 30 2020

CITY OF YPSILANTI
BUILDING DEPARTMENT

**City of Ypsilanti
Historic District Commission
Work Permit Application**

One South Huron • Ypsilanti, MI 48197
Phone: (734) 483-9646 • Fax: (734) 483-7260
www.cityofypsilanti.com

R.28139 #
(See attached & enclosed check) #10332 for \$203

OFFICE USE ONLY

Date Filed:

Meeting Date:

Action Item/Study Item

PHD 20 0088

To complete this application:

1. Complete this form.
2. Attach the following documents:
 - a. Photo(s) showing all locations where work is proposed (can be emailed).
 - b. Catalog cut sheets or similar details for windows, doors, light fixtures, and any other manufactured or preassembled components—this includes information from catalogues, professional quotes, or websites (can be emailed).
 - c. Dimensioned drawings of any new construction or modifications to existing structures, including awnings and signs.
 - d. A sketch plan, if proposal is for work on the grounds and not just the main structure (e.g., installing a new driveway, fence, or shed). This can be drawn on a scaled copy of a mortgage survey.
3. Applications and materials must be received by the Building Department **no later** than 4pm on the Tuesday one week prior to the meeting.

INCOMPLETE APPLICATIONS WILL NOT BE PLACED ON THE AGENDA

Property

Address
9 North River, Ypsilanti

Applicant

**If applicant is not owner of property, a written statement from the owner authorizing this application must be included.*

Name Mr. Roof		
Address [REDACTED]		
City Ann Arbor	State MI	Zip 48108
Phone / Fax [REDACTED]	E-Mail [REDACTED]	

Contractor

Contractor Name & Contact Info
Mr. Roof - Jeff Malinczak, Operations Manager

Type of work

- | | | |
|--|--|--|
| ☒ Roofing | ☐ Porches | ☐ Painting |
| ☐ Window/Door Replacement | ☐ Sign | ☐ Other |
| | ☐ Fence (or other sitework) | ☐ Application Amendment |

Complete Description of Proposed Work:

Tear off + reroof (House only)
24.5 Squares

Deteriorating roof materials, shingles in need of replacement. Please see attached copy of customer contract for details of job.

Materials (for paint include color chips or samples with application):

Permit Application Fee (action items only)

The fee is \$45 for the first \$3,000 in construction cost plus \$5 for every additional \$3,000 of construction cost. There is a flat fee of \$10 for painting only. *An additional fee of \$50 applies to HDC work started without the applicable permit.*

Construction Cost:

\$9000.00

Permit fee:

\$45 + 10.00 = 55.00

Signature

I hereby attest that the above information is accurate. I am authorized to and grant permission to the City of Ypsilanti staff to be on the subject property for the purposes of preparing staff reports and/or evaluating this application.

I further affirm that this property has, or will have before the proposed work is completed, a fire alarm system or smoke alarm complying with the Stille-DeRossett-Hale single-state construction code, PA 230 of 1972, as amended

Signature:

Date:

11-23-20

Print Name:

Robert S. Stashefsky, Mr. Roof

If you have questions about what the HDC generally permits or does not permit, or what they need to see in an application to render a decision, please call the office at 734-483-9646 or view our factsheets online at cityofypsilanti.com/hd.

All other necessary approvals and permits must be acquired before beginning work.



MASONRY - SIDING - WINDOWS

**STANDARD
LIFETIME SYSTEM
FIBERGLASS CONTRACT**

Fax 866-711-7755

800-949-0009

1-800-4-MR-ROOF

**ROOFING
CONTRACTOR**
OF THE YEAR

GUARANTEED
1-DAY
INSTALLATION

Year After Year, Nobody Installs More New Roofs... Nobody!

Name MICAH BRACKEN Date 11/17/2020 Twp City of
Street 9. NORTH RIVER City YPSILANTI Zip 48198
Telephone Number [REDACTED] Telephone Number _____ E-mail _____
Inspector Name GEORGE H. Inspector Phone Number 248-421-2085

1. Prepare house to have roof removed, (tarp, etc.) to ensure debris does not damage any siding, shrubs, lawn, etc. Remove all old roofing material to original roof decking, secure any problem areas, remove and replace any rotten wood decking.
2. The first 40' of 1" x 6" boards or 2 - 4' x 8' sheets of O.S.B. is included. Thereafter, a charge of \$2.50 per foot of 1" x 6" (not fascia/trim) and \$65.00 per each 4' x 8' sheet of O.S.B. will be added to the subtotal. Please initial con
3. Install commercial grade rubberized ice guard a minimum of 6' up all eaves including valleys, flashing, chimneys, as needed. This provides a weather tight seal that deters water caused from ice dams from penetrating the roofing system. (Level 5)
4. Install **THUNDERSHIELD**, a commercial grade **S.B.S.** synthetic underlayment, on remainder of roof deck. **THUNDER-SHIELD** not only provides a secondary defense but most importantly it will reduce shingle scorching. (Level 7)
5. All shingles to be nailed using galvanized, high-wind barbed, **TRIDENT-3 HOOK NAILS**. (Level 7)
6. Install **THUNDEREDGE** heavy duty 1.65" edging to all rake edges and non-heated eaves. (Level 7)
7. Install **THUNDERFASCIA STREAM** high efficiency venting system along all heated eaves. This specialized product is used to create the necessary fresh air intake ventilation you must have to deter mold growth and reduce moisture in insulation thus making it more energy efficient and creating a healthier, more comfortable environment. (Level 7)
8. Install 9 **THUNDERVENTS**. This is the only vent that pulls the air from the top of the vent using the Venturi effect and is guaranteed to be waterproof, not just water resistant. (Level 7) and/or _____' of low profile ridge system.
9. Install a multiple layer high-wind sealant strip perimeter system on all outside edges. (Level 7)
10. Install commercial grade neoprene vent stack collars to all stack pipes to ensure a watertight seal.
11. Install closed cut, **RUBBERIZED** multiple layer valley system. We use a SBS granulated roof membrane, not a 90 lb. paper valley.
12. Flash and counter flash chimneys and walls where necessary. **FLASHING TO BE SAW CUT INTO THE BRICK**. This process binds the heavy gauge aluminum to the brick and guarantees zero water penetration. (Level 7)
13. Install limited O.C. DURATION **LIFETIME MANUFACTURERS WARRANTED PREMIUM** fiberglass architectural shingle.
14. Job to include thorough clean up and proper disposal of all debris that day. All permits, fees and taxes are included in this proposal. Permits pulled by **MR. ROOF, NOT A SUBCONTRACTOR**.
15. After the roof has settled, a quality control manager will re-inspect the roofing system to ensure the roof has settled correctly.

16. Limited lifetime warranty, 10 year 100% coverage, no-leak guarantee and full waiver of lien. Because **MR. ROOF** is the only single source company. Only **MR. ROOF** can provide a **NO GAP, 100% UNDIVIDED RESPONSIBILITY GUARANTEE**.

ROOF PRICE	\$ <u>9,000</u>	Squares	<u>24.5</u>	Sh. Color	<u>EASTATE GREY</u>	House Only	<u>Yes</u>	No
	\$	Layers	<u>1</u>	Flash	<u>(B)</u> Br Wh	Garage	Yes	<u>No</u>
	\$	Pitch	<u>5</u>	Drip	Bl Br <u>Wh</u> Wick	Stories	<u>1</u>	<u>(2)</u> 3
	\$	S.S. Rake	<u>80</u>	Chimney	<u>(1)</u> 2 3	Bath Vents	0	1 2 3
	\$	S.S. Edge	<u>270</u>	Ant./Dish	Stay <u>Toss</u>	Ridge Vent	Yes <u>No</u>	Ft. _____
	\$	Cap Feet	<u>155</u>	Remove Gutters	Yes <u>No</u>	Flash Feet	<u>60</u>	
DEPOSIT	\$ <u>(0)</u>	Vented Edge	<u>250</u>	Gut. Color		Rubber Color	_____	Sq. _____
SUBTOTAL	\$ <u>9,000</u>	Drip Edge	<u>30</u>	Insulation	Yes <u>No</u>	Redeck	Yes	<u>No</u>
EST. MONTHLY PAYMENT	\$ _____	Valley Feet	<u>9</u>	Add R-Value		Mold Kill	Yes	<u>No</u>
Added info:		Thun. Vent	<u>9</u>	Solar Fan	Yes <u>No</u>	Gutter Prot.	Yes	<u>No</u>
		Vent Color	<u>Bl Br Wh</u>			Other Trade		

Additional Work Will Only Be Performed If In Writing

8. Install 9 **THUNDERVENTS**. This is the only vent that pulls the air from the top of the vent using the Venturi effect and is guaranteed to be waterproof, not just water resistant. (Level 7) and/or _____ of low profile ridge system.
9. Install a multiple layer high-wind sealant strip perimeter system on all outside edges. (Level 7)
10. Install commercial grade neoprene vent stack collars to all stack pipes to ensure a watertight seal.
11. Install closed cut, **RUBBERIZED** multiple layer valley system. We use a SBS granulated roof membrane, not a 90 lb. paper valley.
12. Flash and counter flash chimneys and walls where necessary. **FLASHING TO BE SAW CUT INTO THE BRICK**. This process binds the heavy gauge aluminum to the brick and guarantees zero water penetration. (Level 7)
13. Install limited O.C. DURATION **LIFETIME MANUFACTURERS WARRANTED PREMIUM** fiberglass architectural shingle.
14. Job to include thorough clean up and proper disposal of all debris that day. All permits, fees and taxes are included in this proposal. Permits pulled by **MR. ROOF, NOT A SUBCONTRACTOR**.
15. After the roof has settled, a quality control manager will re-inspect the roofing system to ensure the roof has settled correctly.
16. Limited lifetime warranty, 10 year 100% coverage, no-leak guarantee and full waiver of lien. Because **MR. ROOF** is the only single source company. Only **MR. ROOF** can provide a **NO GAP, 100% UNDIVIDED RESPONSIBILITY GUARANTEE**.

ROOF PRICE	\$ <u>9,000</u>	Squares	<u>24.5</u>	Sh. Color	<u>ESTATE GREY</u>	House Only	☒ Yes	☐ No
	\$	Layers	<u>1</u>	Flash	☒ Br Wh	Garage	Yes	☒ No
	\$	Pitch	<u>5</u>	Drip	Bl Br <u>Wh</u> Wick	Stories	1 <u>(2)</u> 3	
	\$	S.S. Rake	<u>80</u>	Chimney	<u>(1)</u> 2 3	Bath Vents	0 1 2 3	
	\$	S.S. Edge	<u>270</u>	Ant./Dish	Stay <u>(Toss)</u>	Ridge Vent	Yes <u>(No)</u> Ft. _____	
	\$	Cap Feet	<u>155</u>	Remove Gutters	Yes <u>(No)</u>	Flash Feet	<u>60</u>	
DEPOSIT	\$ <u>()</u>	Vented Edge	<u>250</u>	Gut. Color	_____	Rubber Color	_____	Sq. _____
SUBTOTAL	\$ <u>9,000</u>	Drip Edge	<u>30</u>	Insulation	Yes <u>(No)</u>	Redeck	Yes <u>(No)</u>	
EST. MONTHLY PAYMENT	\$ <u>_____</u>	Valley Feet	<u>_____</u>	Add R-Value	_____	Mold Kill	Yes <u>(No)</u>	
Added info:		Thun. Vent	<u>9</u>	Solar Fan	Yes <u>(No)</u>	Gutter Prot.	Yes <u>(No)</u>	
		Vent Color	<u>(Bl) Br Ww</u>	Additional Work Will Only Be Performed If In Writing.				

ice guard all of sun room on back of house see picture

all coupons & discounts applied

Notice of Right to Cancel - You the buyer may cancel this transaction at any time prior to midnight of the third business day after the date of this transaction. See the back of this contract for the notice of cancellation form for an explanation of this right.

Owners _____ Owners X _____ Date 11/17/2022

Inspector _____

Circle Method of Final Payment
FINAL PAYMENT DUE UPON COMPLETION

Finance Cash/Check Other _____

PRICE GIVEN IS THE CASH OR CHECK PRICE. IF PAYING BY CREDIT CARD, PLEASE ADD 3%. ADDITIONAL TERMS & CONDITIONS ON BACK.

There's a line between a good shingle and a great shingle™.
It's the nailing line on your shingles. The difference is having SureNail® Technology.

Excellent Adhesive Power
Helps keep the shingle layers laminated.

Outstanding Grip
The SureNail® strip enhances the already amazing grip of our proprietary Tru-Bond® sealant for exceptional wind resistance of a 130-MPH wind warranty.*

SureNail®

Breakthrough Design
Patented SureNail® Technology is the first and only reinforced nailing zone on the face of the shingle.

"No Guess" Wide Nailing Zone
This tough, engineered woven-fabric strip is embedded in the shingle to create an easy-to-see strong, durable fastener zone.

Triple Layer Protection**
A unique "triple layer" of reinforcement occurs when the fabric overlays the two shingle layers, called the common bond area.

Double the Common Bond
SureNail® features up to a 200% wider common bond area in the nailing zone over standard shingles.



Product Attributes

Warranty Length*

Limited Lifetime** (for as long as you own your home)

Wind Resistance Limited Warranty*

130 MPH

Algae Resistance Limited Warranty*

10 Years

Tru PROtection® Non-Prorated Limited Warranty* Period

10 Years

TruDefinition® Duration® Shingles Product Specifications

Nominal Size	13 1/4" x 39 3/8"
Exposure	5 5/8"
Shingles per Square	64
Bundles per Square	3
Coverage per Square	98.4 sq. ft.

Applicable Standards and Codes

ASTM D228

ASTM D3018 (Type 1)

ASTM D3462

ASTM D3161 (Class F Wind Resistance)

ASTM D7158 (Class H Wind Resistance)

ASTM E108/UL 790 (Class A Fire Resistance)

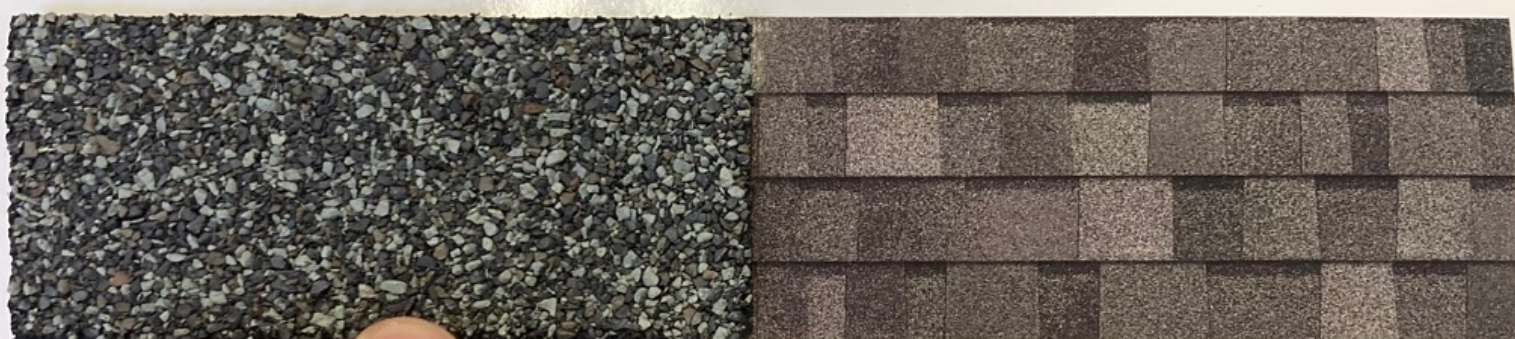
ICC-ES AC438*

UL ER2453-01**

UL ER2453-02**



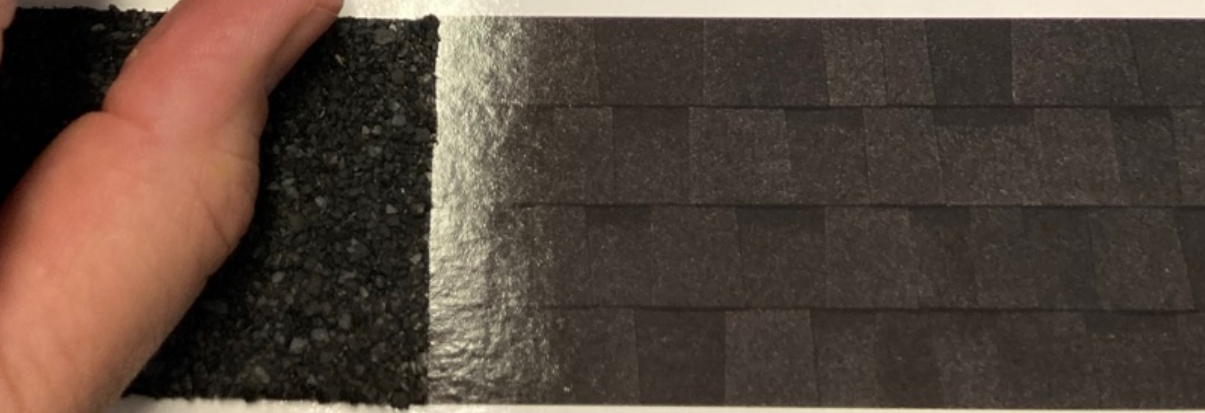
Driftwood†



Estate Gray†



Harbor Blue†



Onyx E



TruDefinition®
Duration® Series
Shingles with Patented SureNail® Technology

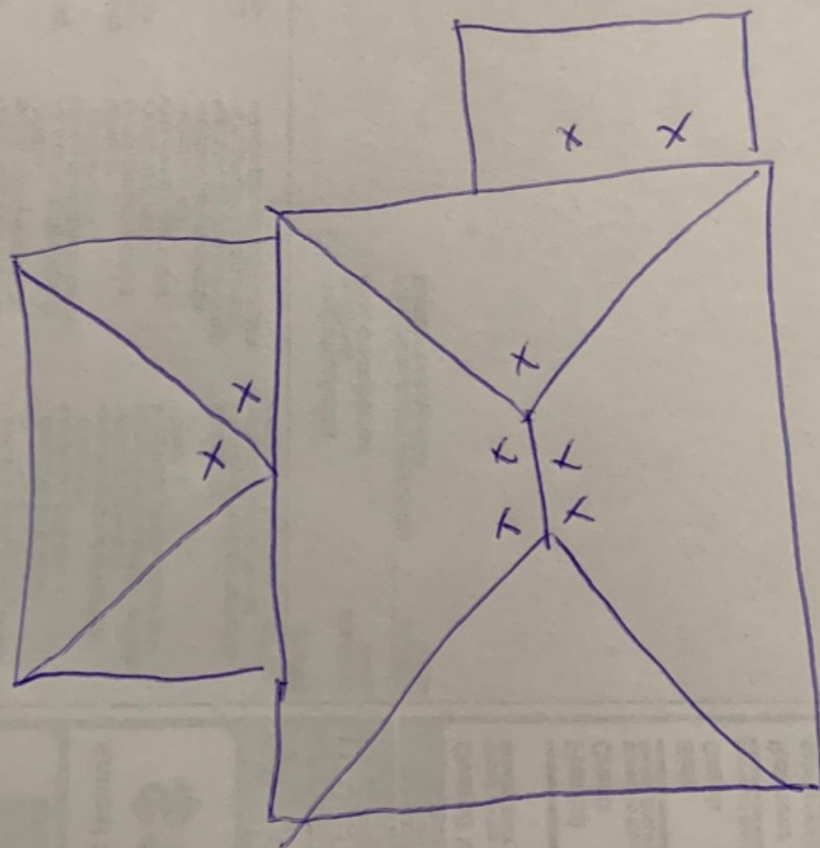
2011
WOMEN'S CHOICE AWARD®
AMERICA'S MOST RECOMMENDED
ROOFING PRODUCTS



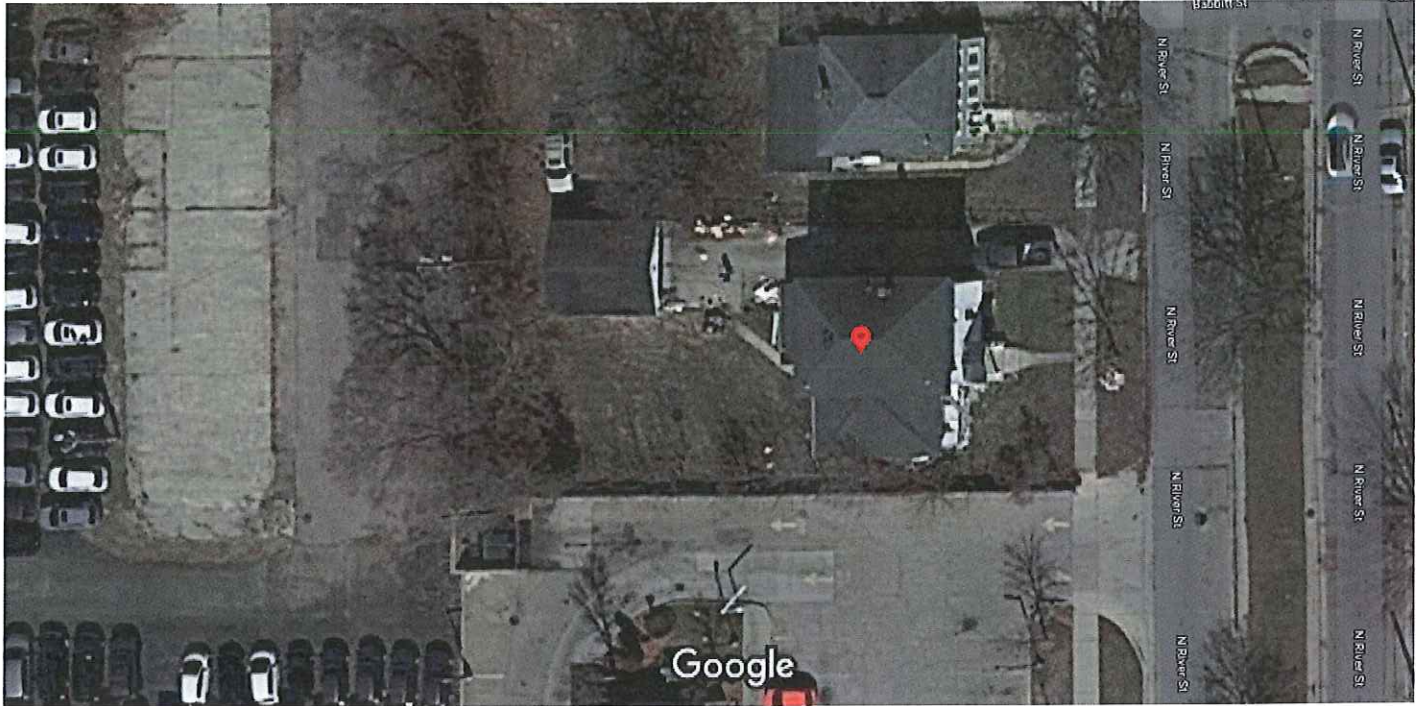
TruDefinition® Duration® Driftwood®

MICAH BRACKEN

9. NORTH RIVER
YPSILANTI



Google Maps 9 N River St



Map data ©2020, Map data ©2020

20 ft



9 N River St

Ypsilanti, MI 48198
Building

Directions



Save



Nearby

Send to your
phone

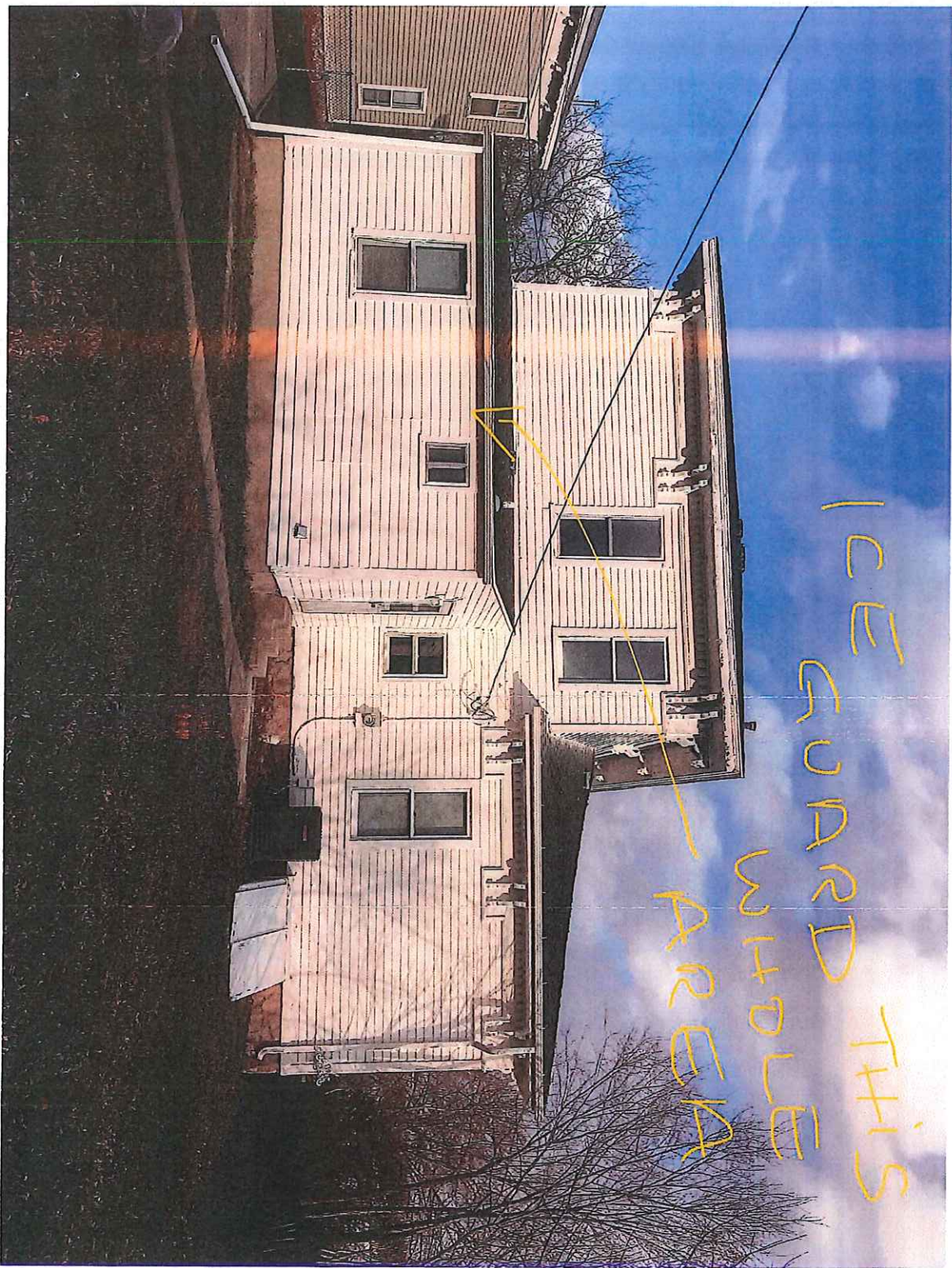
Share

Photos

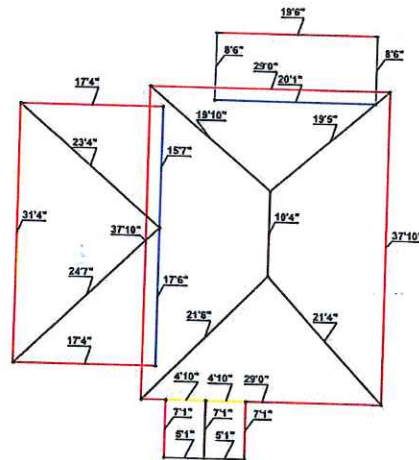




ICE GUARD THIS
MIDDLE
AREA



MEASUREMENTS



SQUARES

Actual Squares:
Total Squares
(Inc. Waste at 14 %):

19.64 Sqs.
22.39 Sqs.

PITCH MEASUREMENTS

Pitch 3/12:
Pitch 4/12:

1.64 Sqs.
17.99 Sqs.

LINE MEASUREMENTS

Eaves: 233 Ft.
Rakes: 38 Ft.
Ridges: 17 Ft.
Hips: 130 Ft.
Valleys: 0 Ft.
Step: 53 Ft.
Wall: 0 Ft.
Pitch Change: 0 Ft.

CATEGORY MEASUREMENTS

Ice & Water Shield: 0 Ft.
Ridge Vent: 0 Ft.
Rake Edge: 0 Ft.
Eave Edge: 0 Ft.
Step Flashing: 0 Ft.
Apron Flashing: 0 Ft.
Gutters: 0 Ft.
Gutter Toppers: 0 Ft.
Down Spouts: 0 Ft.



City of Ypsilanti
HISTORIC DISTRICT COMMISSION
One South Huron Street
Ypsilanti, Michigan 48197

2021 Calendar of Meetings

The regular meetings of the City of Ypsilanti **Historic District Commission** for the year of 2021 will be held on the **second and fourth Tuesdays of each month**, unless a holiday falls on that date. Unless otherwise indicated, meetings will start at 7:00 p.m. in the City Hall Council Chambers (first floor) at One South Huron Street, Ypsilanti, Michigan.

Dates for the 2021 HDC meetings are as follows:

January 12	January 26
February 9	February 23
March 9	March 23
April 13	April 27
May 11	May 25
June 8	June 22
July 13	July 27
August 10	August 24
September 14	September 28
October 12	October 26
November 9	November 23
December 14	

The City of Ypsilanti encourages persons with disabilities to participate and will provide necessary reasonable auxiliary aids and services, such as signers for the hearing impaired, Limited English Proficiency (LEP) services, and audios of printed materials being considered at the meeting. Individuals requiring auxiliary aids or services should provide two (2) days' notice to the City, and contact the City by writing or calling the following:

City Clerk's Office
One South Huron Street
Ypsilanti, Michigan 48197-5420
(734) 483-1100

All persons are welcome to attend. For further information on the Historic District Commission, contact the Planning and Development Department at the above address, or 734-483-9646, or www.cityofypsilanti.com/hdc.



MINUTES

City of Ypsilanti HISTORIC DISTRICT COMMISSION Virtual Meeting

Tuesday, November 24, 2020
7:00 P.M.

CALL TO ORDER AND ROLL CALL

Chairperson Pettit Video/telephone usage instructions given for potential attendees
Meeting called to order at 7:02pm

Commissioners Present: Alex Pettit, Anne Stevenson, Erika Lindsay, James Chesnut

Commissioners Absent: Ron Rupert, Amy Swift

Staff Present: Scott Slagor, Preservation Planner
Nancy Hare-Dickerson, Commission Recording Secretary

APPROVAL OF AGENDA

Motion: Stevenson (second: Lindsay) moved to approve the agenda as submitted.

Roll Call Vote - Ayes: Commissioners Pettit, Stevenson, Lindsay, Chesnut
Nays: None
Absent: Commissioners Rupert and Swift
Motion carried.

PUBLIC COMMENT ON AGENDA ITEMS—none

PUBLIC HEARING—none

OLD BUSINESS—none

NEW BUSINESS

114 Woodward

**Exterior work to Carriage Barn.*

Applicant: Alan and Eileen Young, owners - present

Discussion: Pettit: Stated that the application is for work that has been completed. Asked applicant to walk the Commission through the work included in the application.

E. Young: Stated that they added an addition to the back. *[Reference photo materials, discussed*

the details of a trench that was dug out, in which a stone foundation was found] [Discussed animal issues inside the siding of the building causing foundation damage]. [Discussed reasons for and details of building a shed addition and installing a door, green in color, utilizing an old entry door found in the garage, reference photo materials].

Indicated that the plan was to seal up all the holes and get a rat-wall in to prevent further deterioration of the structure, of the roof and of the walls. Stated that on the west side of the barn, there was one window which they were unable to find anyone who could repair it. *[Outlined obstacles which occurred with searching to find a wood window replacement]* Stated that they purchased and installed a window from Home Depot.

Pettit: Asked if it is correct that it is a vinyl window.

E. Young: Confirmed. Stated that it is the only window that they replaced. Stated that they left the wooden frame, which they repaired *[reference photo materials]*.

[At about 7:12pm, the meeting was interrupted due to a technical difficulty]

[At about 7:17pm, meeting resumed]

Pettit: Indicated that the vinyl window replacement on the garage was where the discussion left off. Asked applicants if there was more they would like to describe about the application.

E. Young: Confirmed, no.

Pettit: Asked if it is correct that there was also a garage door replacement.

E. Young: Confirmed. Stated that, originally, that side of the barn was completely open. Stated that the garage doorway went all the way out to where the new siding ends and all the way into the corners *[reference photo materials]*. Stated that that was not feasible. Stated that the plywood doors shown there *[reference photo materials]* were temporary, that critter damage can be seen at the bottom *[reference photo materials]*, and they felt they needed to be replaced. Indicated that a decision was made to go with a more durable garage door.

Pettit: Stated that it looks like quite a bit of work – a significant change from what was previously there *[reference photo materials]*.

E/A. Young: *[Provided background history of the barn building structure, changes made and reasons]*

[Re: shed addition]

Stevenson: Stated an opinion that the shed roof addition seems compatible with the garage structure.

Pettit: Asked if that is the only door *[reference photo materials]* – if it opens up into the rest of the garage.

A. Young: Stated that it does not go into the barn, that there is no other outside door.

Pettit: Stated an opinion that considering that the door was found on the premises, it lends itself well to being reused. Indicated that it is not like a security door leading into the rest of the house in some fashion.

Lindsay: Indicated not having a problem with the door or the bump-out.

Chesnut: Indicated an opinion that the vinyl window is what causes the most concern.

[Re: vinyl window]

Pettit: Stated that there is a window in an existing opening. Asked if it is correct that the original window had a similar lite pattern.

E. Young: Stated that the original window was six-pane-over-six-pane. Stated that it was about six inches taller. Stated that they could not find a window that was exactly sixty-six inches tall. Stated that it is pretty much the same width. Indicated that there was window rot, damage and broken glass. *[Reiterated repair-search issues and reasons for purchasing current window].*

Pettit: Explained that a wood replacement window is not the only other option; that there are other possibilities which could have been discussed. Explained that a vinyl window choice is a material that is on the HDC "will not approve" list.

E. Young: Stated that where the shed is, there was a window. Stated that they took that out to put the shed on and that they still have that window. Stated that it is in two pieces and is the same size as the original window was. *[Clarifying discussion continued as to window details]*

Pettit: Indicated that it sounds like there is the possibility of this other window. Asked about the condition of the salvaged window.

E. Young: Stated that it needs repair but that it is repairable.

[Discussion continued as to salvaged window condition/repairability, window vs existing opening size considerations, replacement possibility]

[Re: garage door]

Pettit: Stated that the door is a steel insulated door with an ultra-grain slate finish. Asked applicant to further describe how the door is paneled.

E. Young: Stated that it is four-over-four *[reference photo materials].*

[Clarifying discussion continued as to panel details]

Stevenson: Stated not having a problem with the infill itself, as carriage houses/garages make modifications based upon what transportation has been used over time. Stated a concern that if the door has a really prominent faux wood grain finish on it, it would be inappropriate to have a material that looks like another material.

*[Discussion was had re: the door finish/material considerations]
[Procedural discussion was had]*

Motion: Stevenson (second: Lindsay) moved to deny the application for work at 114 Woodward as the replacement window and the overhead door as installed do not meet the HDC guidelines as cited in the Windows and Doors Fact Sheet. Specifically, vinyl windows are not compatible with the historic character of the building and are not allowed in the District; and the faux-wood grain finish on the steel door is not compatible.

Secretary of the Interior Standards:

#2 – Do not destroy original character. Do not remove or alter historic material or features.

#3 – Do not imitate earlier styles.

#5 - Preserve distinctive features.

Roll Call Vote - Ayes: Commissioners Pettit, Stevenson, Lindsay, Chesnut
Nays: None
Absent: Commissioners Rupert and Swift
Motion carried.

[Commission and staff clarified the meaning of the motion and follow up procedures per query from applicants]

STUDY ITEMS

322 E Forest

**New garage.*

Applicant: Matthew Wade, owner - present

Discussion: Applicant presented drawings and discussed building a proposed detached garage on the property.

ADMINISTRATIVE APPROVALS—none

OTHER BUSINESS

1. Discussion on 60-day approvals [See minutes of November 10, 2020]

a. Form to extend review period – reads as follows:

Historic District Commission
Request for Extension of Review

By State law, Public Act 169, and by the City of Ypsilanti Code of Ordinances, the Historic District Commission (HDC) must act within 60 days receiving a complete application. If the HDC does not act within the allotted review period, the application is considered approved. An extension of this review period may be granted if both the HDC and applicant agree in writing.

A need for such extension could arise because the HDC cannot make quorum within the 60-day period, or the applicant needs more time to provide additional information. A minimum of four commissioners constitutes a quorum and must be present to vote on a decisive motion for action items. Applications that lack information the HDC identifies as necessary to make a decision will be denied on procedural grounds unless an extension is agreed in writing.

Extension agreements may be executed by the HDC at a meeting where a quorum is present or by the Preservation Planner prior to a meeting. Extensions executed by the Preservation Planner must be approved by the HDC at the next meeting.

Application # _____ Address of property _____
Date completed application was submitted _____
Date of last scheduled HDC meeting within 60-day review period _____
Name of Applicant _____
Mailing Address _____
City _____ State _____ Zip _____

I _____ request that the Historic District Commission extend the review period concerning the address and case number specified scheduled meeting on ____/____/____. This signed request is an agreement in writing by the applicant to extend the review period specified in the City of Ypsilanti Code of Ordinance 54-83(a) – see below*.

Signed (applicant) _____ Date ____/____/____
Preservation Planner _____ Date ____/____/____
Historic District Commission motion to accept extension: _____

Offered by: _____ Supported by: _____

YES: NO: ABSENT: VOTE:

* Code of Ordinance of the City of Ypsilanti, Chapter 54 – HISTORICAL PRESERVATION Sec.-83 (a): ...The commission must act within 60 calendar days after the date a complete application is filed with the commission. Failure to act shall constitute approval unless an extension is agreed upon in writing by the applicant and the commission.

Motion: Lindsay (second: Chesnut) moved to accept the Request for Extension of Review form as submitted.

Roll Call Vote - Ayes: Commissioners Pettit, Stevenson, Lindsay, Chesnut
 Nays: None
 Absent: Commissioners Rupert and Swift
 Motion carried.

b. Resolution to allow the Preservation Planner to execute application extension agreements on behalf of the Historic District Commission – reads as follows:

RESOLVED BY THE HISTORIC DISTRICT COMMISSION OF THE CITY OF YPSILANTI:

WHEREAS, the Ypsilanti Historic District Commission (HDC) is charged with reviewing exterior changes to resources within Ypsilanti’s designated local historic districts; and

WHEREAS, per state law and the Ypsilanti Code of Ordinances, the HDC must act on completed HDC Work Permit Applications within 60 days;

WHEREAS, there may be circumstances where the HDC cannot act within 60 days and both the applicant and HDC agree to an extension of the application review period;

WHEREAS, a quorum of the HDC is required to make such an extension, there may be circumstances where an extension has to be executed by staff due to the inability for a quorum to meet;

NOW THEREFORE BE IT RESOLVED THAT, the Ypsilanti Historic District Commission allows the Preservation Planner to execute application extension agreements on their behalf subject to the approval of the HDC at the next available meeting.

Motion: Lindsay (second: Chesnut) moved to accept the Resolution to allow the Preservation Planner to execute application extension agreements on behalf of the Historic District Commission as submitted.

Roll Call Vote - Ayes: Commissioners Pettit, Stevenson, Lindsay, Chesnut
Nays: None
Absent: Commissioners Rupert and Swift
Motion carried.

2. Property Monitoring

Commissioners/Staff discussed property concerns and issues under review.

3. Staff Updates

Re: Water Street Development - public meetings follow up
Re: City Hall temporary closure to the public

4. Commissioner Comments—none

AUDIENCE PARTICIPATION ON NON-AGENDA ITEMS -none

HOUSEKEEPING BUSINESS

Approval of the minutes of November 10, 2020

Motion: Chesnut (second: Lindsay) moved to approve the minutes of November 10, 2020, as submitted.

Roll Call Vote - Ayes: Commissioners Pettit, Stevenson, Lindsay, Chesnut
Nays: None
Absent: Commissioners Rupert and Swift
Motion carried.

ADJOURNMENT

Chairperson Pettit adjourned the meeting, citing the end of the agenda with no further items to discuss.

MEETING ADJOURNED at 9:10 p.m.

Full Minutes Prepared By: Nancy Hare-Dickerson

CITY OF YPSILANTI
Agenda
Historic District Commission
Tuesday, December 8, 2020 - 7:00 p.m.
Remote Meeting via Zoom

The Ypsilanti Historic District Commission works to safeguard Ypsilanti's built heritage by guiding development and renovation within the Historic District. Enabled by federal, state, and local legislation, the HDC seeks to stabilize and improve property values, to promote preservation education, and to develop the Ypsilanti Historic District as a vital living area.

An audio recording of the meeting will be made for the purpose of assisting in the preparation of official minutes only. Once the official minutes are approved the audio recording will be destroyed.

I. CALL TO ORDER AND ROLL CALL

Alex Pettit, Chair	P	A
Anne Stevenson, Vice Chair	P	A
Erika Lindsay	P	A
Ron Rupert	P	A
Amy Swift	P	A
James Chesnut	P	A
VACANT		

II. APPROVAL OF AGENDA

III. PUBLIC COMMENTS ON AGENDA ITEMS

IV. PUBLIC HEARING—none

V. BUSINESS SESSION

A. OLD BUSINESS—none

B. NEW BUSINESS

1. 214 N Grove	New windows and siding
2. 322 E Forest	New garage
3. 301 W Michigan	Small cell communication
4. 401 N Adams (302 W Cross)	Small cell communication
5. 293 Olive (430 N Adams)	Small cell communication

C. STUDY ITEMS—none

D. ADMINISTRATIVE APPROVALS

1. 9 N River New Roof

E. OTHER BUSINESS

1. Property monitoring
2. Updates from staff
3. Commissioner comments

VI. AUDIENCE PARTICIPATION ON NON-AGENDA ITEMS

VII. HOUSEKEEPING BUSINESS

1. Approval of 2021 Meeting Calendar
2. Approval of meeting minutes November 24, 2020

VIII. ADJOURNMENT

Secretary of the Interior's Standards for the Rehabilitation of Historic Structures

Developed by the U.S. Department of the Interior, the Standards provide a framework that guides protective decisions regarding historic structures. The Historic District Commission is required to cite applicable Standards with each formal decision it renders. It may also cite HDC Fact Sheets as part of its decision-making process.

1. Use property for original purpose or provide compatible use with minimal alteration.

A property will be used as it was historically or be given a new use that requires minimal change to its distinctive materials, features, spaces, and spatial relationships.

2. Do not destroy original character. Do not remove or alter historic material or features.

The historic character of a property will be retained and preserved. The removal of distinctive materials or alteration of features, spaces, and spatial relationships that characterize a property will be avoided.

3. Do not imitate earlier styles.

Each property will be recognized as a physical record of its time, place, and use. Changes that create a false sense of historical development, such as adding conjectural features or elements from other historic properties, will not be undertaken.

4. Preserve significant changes acquired over time.

Changes to a property that have acquired historic significance in their own right will be retained and preserved.

5. Preserve distinctive features.

Distinctive materials, features, finishes, and construction techniques or examples of craftsmanship that characterize a property will be preserved.

6. Repair, don't replace. Replacements shall match original.

Deteriorated historic features will be repaired rather than replaced. Where the severity of deterioration requires replacement of a distinctive feature, the new feature will match the old in design, color, texture, and, where possible, materials. Replacement of missing features will be substantiated by documentary and physical evidence.

7. Clean building gently—no sandblasting.

Chemical or physical treatments, if appropriate, will be undertaken using the gentlest means possible. Treatments that cause damage to historic materials will not be used.

8. Preserve archaeological resources.

Archaeological resources will be protected and preserved in place. If such resources must be disturbed, mitigation measures will be undertaken.

9. Contemporary designs shall be compatible and shall not destroy significant original material.

New additions, exterior alterations, or related new construction will not destroy historic materials, features, and spatial relationships that characterize the property. The new work shall be differentiated from the old and will be compatible with the historic materials, features, size, scale and proportion, and massing to protect the integrity of the property and its environment.

10. New work shall be removable.

New additions and adjacent or related new construction will be undertaken in such a manner that, if removed in the future, the essential form and integrity of the historic property and its environment would be unimpaired.



HDC Work Permit Staff Review

Property address: 214 N Grove

Property History: The property includes a house that according to Assessing records, was erected in 1924. The National Register listing for this property marks it as non-contributing, because it was assumed to be less than 50 years old. In reality, the house is an older building that has undergone multiple renovations and no longer resembles its historic form. A Sanborn Map from 1927 depicts the footprint of a small rectangular house with a full façade porch. Based on its current appearance, at some point the porch was infilled, and the siding and windows replaced. The current owner says that a major renovation occurred in 1984, resulting in a realignment of the roof, new siding, and windows. In Staff opinion, although the building does to the district's period of significance, it has lost its historic integrity and is therefore non-contributing.

Date Complete Application Received: December 1, 2020

Date of Review: December 2, 2020

Date of Meeting: December 8, 2020

Proposed work: New windows and siding.

Materials: Ultrex fiberglass windows, and HardiePlank fiber cement siding

Staff review:

1. The applicant is seeking to replace five non-historic windows; three on the façade and two on the north elevation; and to re-clad the façade.

Façade Windows

2. Current façade windows are wood double-hung sashes that, according to the owner, date to the 1984 renovation.
 - a. The owner cites poor condition, lack of weatherization, and inoperability as reasons for replacement.

1. Use property for original purpose or provide compatible use with minimal alteration.

2. Do not destroy original character. Do not remove or alter historic material or features.

3. Do not imitate earlier styles.

4. Preserve significant changes acquired over time.

5. Preserve distinctive features.

6. Repair, don't replace. Replacements shall match original.

7. Clean building gently—no sandblasting.

8. Preserve archaeological resources.

9. Contemporary designs shall be compatible and shall not destroy significant original material.

10. New work shall be removable.

3. The owner proposes replacing these three windows with Ultrex double-hung fiberglass windows.
4. *The sample window in the application is to show materiality, it is not a direct representation of what is proposed. The new windows will match the current windows and not have divided lights.

North Elevation Windows

5. The north elevation windows include two non-historic aluminum-framed horizontal sliders.
 - a. The owner notes weatherization as a key motivation for replacing these windows and states they are of poor quality.
6. The applicant proposes to replace each with a Ultrex fiberglass single-light casement window.
7. The owner said they would consider a dual casement to match the current light pattern, however they would prefer a single light so the windows are large enough to escape from in case of fire.

Façade Siding

8. The owner states that the siding on the façade is damaged. According to the owner, the current façade siding is a mix of vinyl and aluminum. These two textures are applied differently, with a mix of vertical and horizontal members.
9. The applicant would like to replace the façade siding with HardiPlank fiber-cement siding.
 - a. The siding is to have a 6" exposure.
 - b. The siding will have a smooth finish and be colored white to match the rest of the house.
10. At this time, due to cost, the applicant is only proposing to re-clad the façade.

Recommended Motions:

Move to approve and issue a Certificate of appropriateness for the work at 214 N Grove as submitted in the application dated November 30, 2020 for replacement of five windows with Ultrex fiberglass windows, and new façade siding, as specified. Replacement windows are to be full-frame units and match the size of the windows they are replacing and include three double-hung windows on the façade and two casements on the north elevation. Façade siding shall be HardiPlank lap siding with 6" reveal and a smooth finish, in white.

Relevant Secretary of the Interior's Standards:

#9

Prepared by:

Scott E. Slagor, Preservation Planner



RECEIVED

NOV 30 2020

CITY OF YPSILANTI
BUILDING DEPARTMENT

City of Ypsilanti

Historic District Commission
Work Permit ApplicationOne South Huron • Ypsilanti, MI 48197
Phone: (734) 483-9646 • Fax: (734) 483-7260
www.cityofypsilanti.comR.28137
#3761
PHDC-20-0087

OFFICE USE ONLY

Date Filed:

Meeting Date:

Action Item/Study Item

To complete this application:

1. Complete this form.
2. Attach the following documents:
 - a. Photo(s) showing all locations where work is proposed (can be emailed).
 - b. Catalog cut sheets or similar details for windows, doors, light fixtures, and any other manufactured or preassembled components—this includes information from catalogues, professional quotes, or websites (can be emailed).
 - c. Dimensioned drawings of any new construction or modifications to existing structures, including awnings and signs.
 - d. A sketch plan, if proposal is for work on the grounds and not just the main structure (e.g., installing a new driveway, fence, or shed). This can be drawn on a scaled copy of a mortgage survey.
3. Applications and materials must be received by the Building Department **no later** than 4pm on the Tuesday one week prior to the meeting.

INCOMPLETE APPLICATIONS WILL NOT BE PLACED ON THE AGENDA

Property

Address

214 N GROVE ST

Applicant

**If applicant is not owner of property, a written statement from the owner authorizing this application must be included.*

Name

Theresa Maddix

Address

[REDACTED]

City

Ypsilanti

State

Mich

Zip

48197

Phone / Fax

[REDACTED]

E-Mail

[REDACTED]

Contractor

Contractor Name & Contact Info

Window Pro Partners

Type of work

☐ Roofing☒ Window/Door
Replacement☐ Porches☐ Sign☐ Fence (or other sitework)☐ Painting☐ Other☐ Application Amendment

Complete Description of Proposed Work:

INSERT APPLICATION OF 5 WINDOWS, Like / Like
IN STYLE

REMOVAL OF 3 ALUMINUM FRAME AND 2 WOOD FRAME WINDOWS
COMPLETELY AND REPLACED WITH FULL FRAME FIBERGLASS WINDOWS
SIZES ARE SAME FOR SAME

EXISTING WINDOWS ARE SINGLE PANE AND ARE BEING REPLACED
WITH DOUBLE PANE GLASS.

* ENCLOSED IS A SAMPLE OF COLOR AND MATERIAL FOR
NEW WINDOWS

*** Applicant emailed staff on 12/1/2020 indicating they would like to add facade siding to the application.

Materials (for paint include color chips or samples with application):

ULTRAX - FIBERGLASS WINDOWS WHITE EXTERIOR.

HardiPlank lap siding, smooth finish, white, 6" reveal.

Permit Application Fee (action items only)

The fee is \$45 for the first \$3,000 in construction cost plus \$5 for every additional \$3,000 of construction cost. There is a flat fee of \$10 for painting only. *An additional fee of \$50 applies to HDC work started without the applicable permit.*

Construction Cost:

7977.38

Permit fee:

\$45 + 10 = 55.00

Signature

I hereby attest that the above information is accurate. I am authorized to and grant permission to the City of Ypsilanti staff to be on the subject property for the purposes of preparing staff reports and/or evaluating this application.

I further affirm that this property has, or will have before the proposed work is completed, a fire alarm system or smoke alarm complying with the Stille-DeRossett-Hale single-state construction code, PA 230 of 1972, as amended.

Signature

Date:

11/11/20

Print Name:

Paul Winall.

If you have questions about what the HDC generally permits or does not permit, or what they need to see in an application to render a decision, please call the office at 734-483-9646 or view our factsheets online at cityofypsilanti.com/hd.

All other necessary approvals and permits must be acquired before beginning work.

UNIT SUMMARY

The following is a schedule of the windows and doors for this project. For additional unit details, please see Line Item Quotes.

Additional charges, tax or Terms and Conditions may apply. Detail pricing is per unit.

NUMBER OF LINES: 5

TOTAL UNIT QTY: 5

LINE	MARK UNIT	PRODUCT LINE	ITEM	QTY
1	101 frt living room	Infinity	Double Hung	1
2	102 frt living room	Infinity	Double Hung	1
3	103 frt Bedroom	Infinity	Double Hung	1
4	104 side bedroom frt	Infinity	Casement	1
5	105 side bath	Infinity	Casement	1



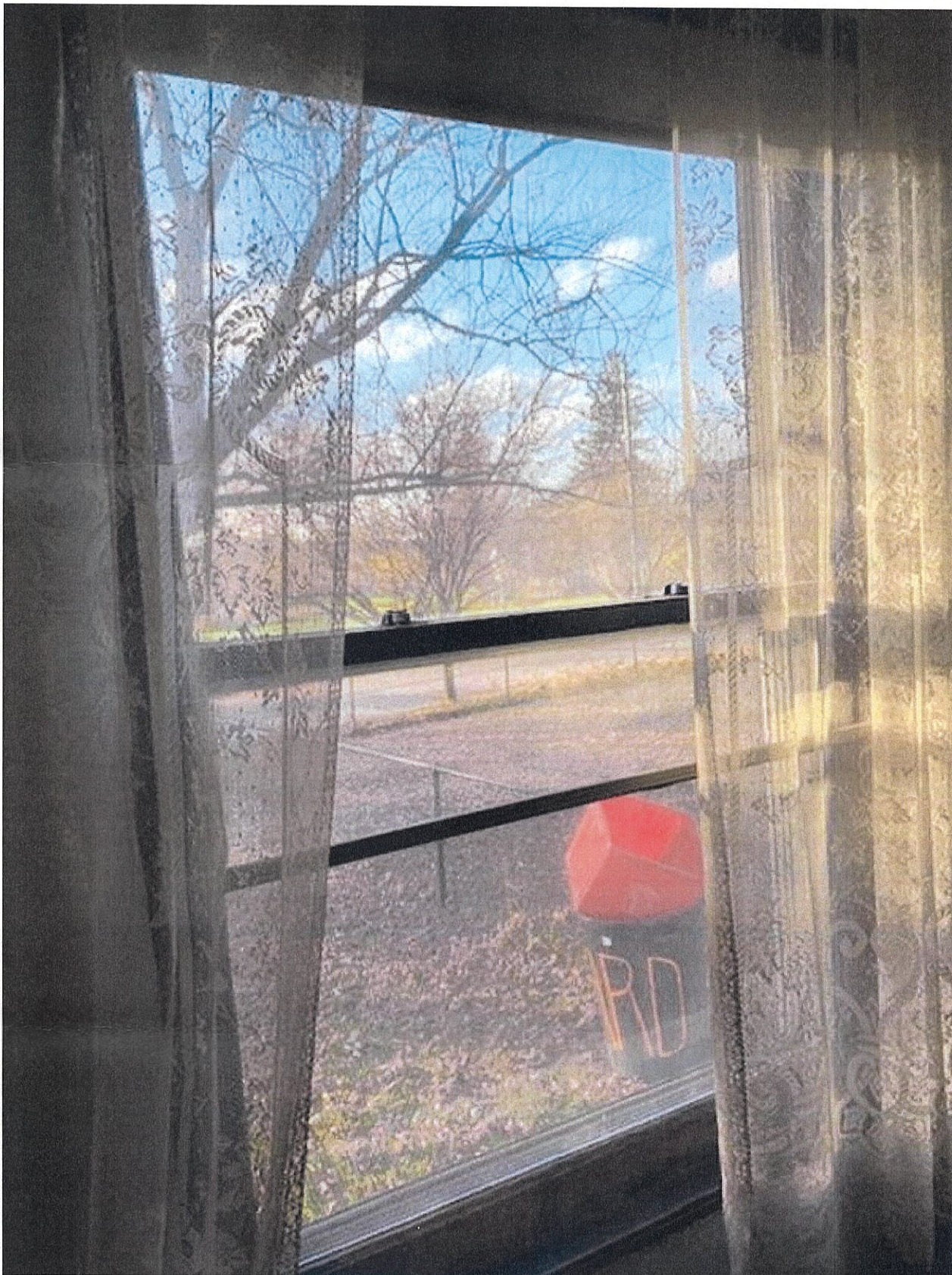
101-~~BA~~



101
INTERIOR



102
EXT



102
INT



103
EXT



103
INTER



104
6/1



108
Int



105
EXT

105
INT



WindowPRO
The Marvin Experts
888-886-8721



WindowPRO
The Marvin Experts
888 896-8721

SAMPLE OF REPLACEMENT PRODUCT EXTERIOR

REPLACEMENT PRODUCT MATERIAL

INFINITI
from MARUTI
REPLACEMENT WINDOW

Bend This

Infinity® made with Ultrex®



HARDIEPLANK® LAP SIDING

SMOOTH

You can't go wrong with this sleek, modern siding. Find the perfect color in our Statement Collection products or Dream Collection products. Or get it primed for paint.



THE STATEMENT COLLECTION™

Classic shades—engineered with long-lasting ColorPlus® Technology—will make a statement that resonates for generations. The tried and true colors of James Hardie's Statement Collection™ products were designed for every home. They're our most popular hues. And they are readily available in your region.



SIDING COLORS

Gray Slate



[Request a Quote >](#)

[Request a Sample >](#)

Colors shown may vary due to screen resolution. Please see actual product sample for true color.

AVAILABLE SIZES

THICKNESS: 0.312"	WIDTHS: 8.25" EXPOSURES: 7"
LENGTH: 144" boards	

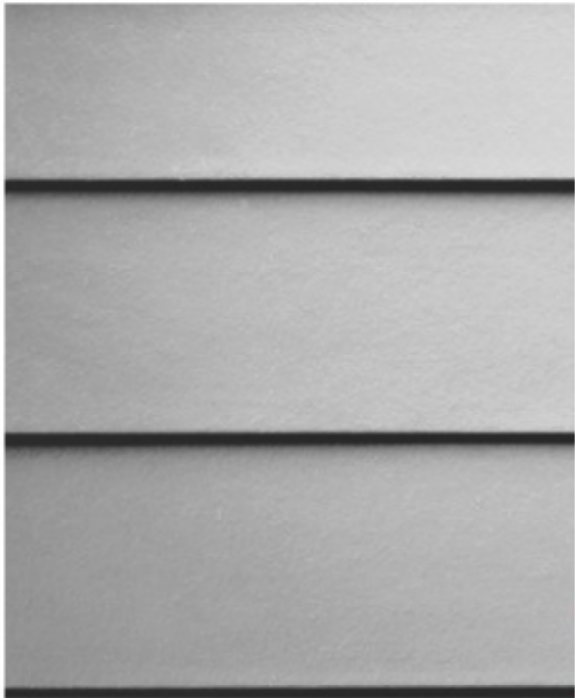
Warranty Information >

Not finding the color you're looking for?

+ See More Color Options

PRIMED FOR PAINT

James Hardie's primed for paint collection gives you the power to choose paint for your home's exterior. It's primed. It's ready for field painting. It's a durable, high-performance canvas.



AVAILABLE SIZES

THICKNESS:	0.312"	
LENGTH:	144" boards	
WIDTHS: EXPOSURES:	6.25" 5"	8.25" 7"
	12" 10.75"	5.25" 4"
	7.25" 6"	9.25" 8"

Warranty Information >

Request a Quote >

Request a Sample >

Facing east to facade.





Facing southwest to facade and north elevation

Details of facade windows.



Details of Facade Windows



Details of Facade Windows





Details of North Elevation Windows



North Elevation Details



Siding Detail.





HDC Work Permit Staff Review

Property address: 322 E Forest

Property History: The property includes a house that according to Assessing records, was erected in 1870. The vernacular house is in the Upright and Wing form with decorative elements of various popular styles, including Italianate style window shelf moldings and Shingle-style imbrication on the second story. The building is contributing to the Historic District.

Date Complete Application Received: December 1, 2020

Date of Review: December 1, 2020

Date of Meeting: December 8, 2020

Proposed work: New garage.

Materials: Concrete footings and pad; treated lumber for construction, an exterior with HardiBoard siding and architectural shingles on the roof with a ridge vent. Doors and lighting will be submitted in a later application.

Staff review:

1. The applicant first presented this project as a Study Item on 11/24/2020.
 - a. The applicant took feedback from the Commission and modified the original design.
2. The applicant proposes constructing a one-story garage behind the house and shed, fronting on the public alley that abuts the west property boundary.
3. The garage footprint will be 24' by 33,' and reach a full height of 23'-10" from foundation to ridge.
4. The structure will rest on concrete footings and a concrete pad will be poured for the garage floor.
5. The exterior walls will be clad in HardieBoard lap siding with a smooth finish. (although the drawings say shiplap, the applicant has subsequently decided on HardieBoard).
6. The gable roof will be sheathed in an architectural shingle to match the color of the house (brown).

1. Use property for original purpose or provide compatible use with minimal alteration.

2. Do not destroy original character. Do not remove or alter historic material or features.

3. Do not imitate earlier styles.

4. Preserve significant changes acquired over time.

5. Preserve distinctive features.

6. Repair, don't replace. Replacements shall match original.

7. Clean building gently—no sandblasting.

8. Preserve archaeological resources.

9. Contemporary designs shall be compatible and shall not destroy significant original material.

10. New work shall be removable.

- a. The roof will have a ridge vent.
7. The garage has three door openings: one pedestrian door on the north elevation, and two overhead doors on the vehicular bays on the west elevation.
 - a. The applicant has not selected doors yet and will come back to the Commission with an amendment or new application when they are ready to select doors.
8. The applicant will be submitting exterior lighting as an amendment or future application.

Recommended Motions:

Move to approve and issue a Certificate of appropriateness for the work at 322 E Forest as submitted in the application dated December 1, 2020 for construction of a new garage. The garage shall be built to specifications, with the exterior walls clad in HardieBoard smooth finished fiber-cement siding, and the roof finished in an architectural shingle to match the roof of the house with a ridge vent. Doors and lighting must be submitted to the Commission for review.

Relevant Secretary of the Interior's Standards:
#3, #9, #10

Prepared by:

Scott E. Slagor, Preservation Planner



**City of Ypsilanti
Historic District Commission
Work Permit Application**

One South Huron • Ypsilanti, MI 48197
Phone: (734) 483-9646 • Fax: (734) 483-7260
www.cityofypsilanti.com

OFFICE USE ONLY

Date Filed:

Meeting Date:

Action Item/Study Item

To complete this application:

1. Complete this form.
2. Attach the following documents:
 - a. Photo(s) showing all locations where work is proposed (can be emailed).
 - b. Catalog cut sheets or similar details for windows, doors, light fixtures, and any other manufactured or preassembled components—this includes information from catalogues, professional quotes, or websites (can be emailed).
 - c. Dimensioned drawings of any new construction or modifications to existing structures, including awnings and signs.
 - d. A sketch plan, if proposal is for work on the grounds and not just the main structure (e.g., installing a new driveway, fence, or shed). This can be drawn on a scaled copy of a mortgage survey.
3. Applications and materials must be received by the Building Department **no later** than 4pm on the Tuesday one week prior to the meeting.

INCOMPLETE APPLICATIONS WILL NOT BE PLACED ON THE AGENDA

Property

Address

322 E Forest Ave, Ypsilanti, MI 48198

Applicant

**If applicant is not owner of property, a written statement from the owner authorizing this application must be included.*

Name

Matthew Wade

Address

City

Ypsilanti

State

MI

Zip

48198

Phone / Fax

E-Mail

Contractor

Contractor Name & Contact Info

Built by owner.

Type of work

☐ Roofing

☐ Window/Door
Replacement

☐ Porches

☐ Sign

☐ Fence (or other sitework)

☐ Painting

☒ Other

☐ Application Amendment

Complete Description of Proposed Work:

Build 24' x 33' detached garage over poured foundation, with 10' walls and attic trusses. Paint colors, shingle color and style, as well as siding style will match existing historic house. Specific doors and light fixtures are not included in this application and will be submitted separately.

Materials (for paint include color chips or samples with application):

See plans.

Permit Application Fee (action items only)

The fee is \$45 for the first \$3,000 in construction cost plus \$5 for every additional \$3,000 of construction cost. There is a flat fee of \$10 for painting only. *An additional fee of \$50 applies to HDC work started without the applicable permit.*

Construction Cost:

30k

Permit fee:

\$45 + \$45 = \$90

Signature

I hereby attest that the above information is accurate. I am authorized to and grant permission to the City of Ypsilanti staff to be on the subject property for the purposes of preparing staff reports and/or evaluating this application.

I further affirm that this property has, or will have before the proposed work is completed, a fire alarm system or smoke alarm complying with the Stille-DeRossett-Hale single-state construction code, PA 230 of 1972, as amended.

Signature:

Date:

12-01-2020

Print Name:

Matthew Wade

If you have questions about what the HDC generally permits or does not permit, or what they need to see in an application to render a decision, please call the office at 734-483-9646 or view our factsheets online at cityofypsilanti.com/hd.

All other necessary approvals and permits must be acquired before beginning work.



**City of Ypsilanti
Historic District Commission
Work Permit Application
Check List**

Is your application complete?!
Do you have the following?

For painting projects:

- ✓ A detailed description of what you will be painting (trim, siding, deck, etc.)
- ✓ A list of all the materials you plan to use (paint brands, color names, etc.)
- ✓ Color chips or samples of the proposed paint colors
- ✓ Photographs of the property
- ✓ A description of how you plan to prep your surfaces for new paint (the HDC does not allow power washing or sand blasting)

For window projects:

- ✓ A detailed description of your plans for the windows—are you replacing them entirely? Just the sash kits?
- ✓ A cut sheet, catalogue sheet, or print-out with a photo of the proposed window, its dimensions and its materials (vinyl windows are generally not permitted in the district)
- ✓ Photographs of the existing windows showing their deterioration or lack of functionality

For roofing projects:

- ✓ A detailed description of the proposed roof work (Removing existing shingles? Replacing entire roof or portions?)
- ✓ Information about your plans for venting (can vents are generally not permitted in the district)
- ✓ Plans for the flashing and drip edge—what color will they be?
- ✓ Brand name and style of proposed new roofing—include a cut sheet, catalogue sheet, or print-out with details about proposed shingles
- ✓ Color of the new shingles

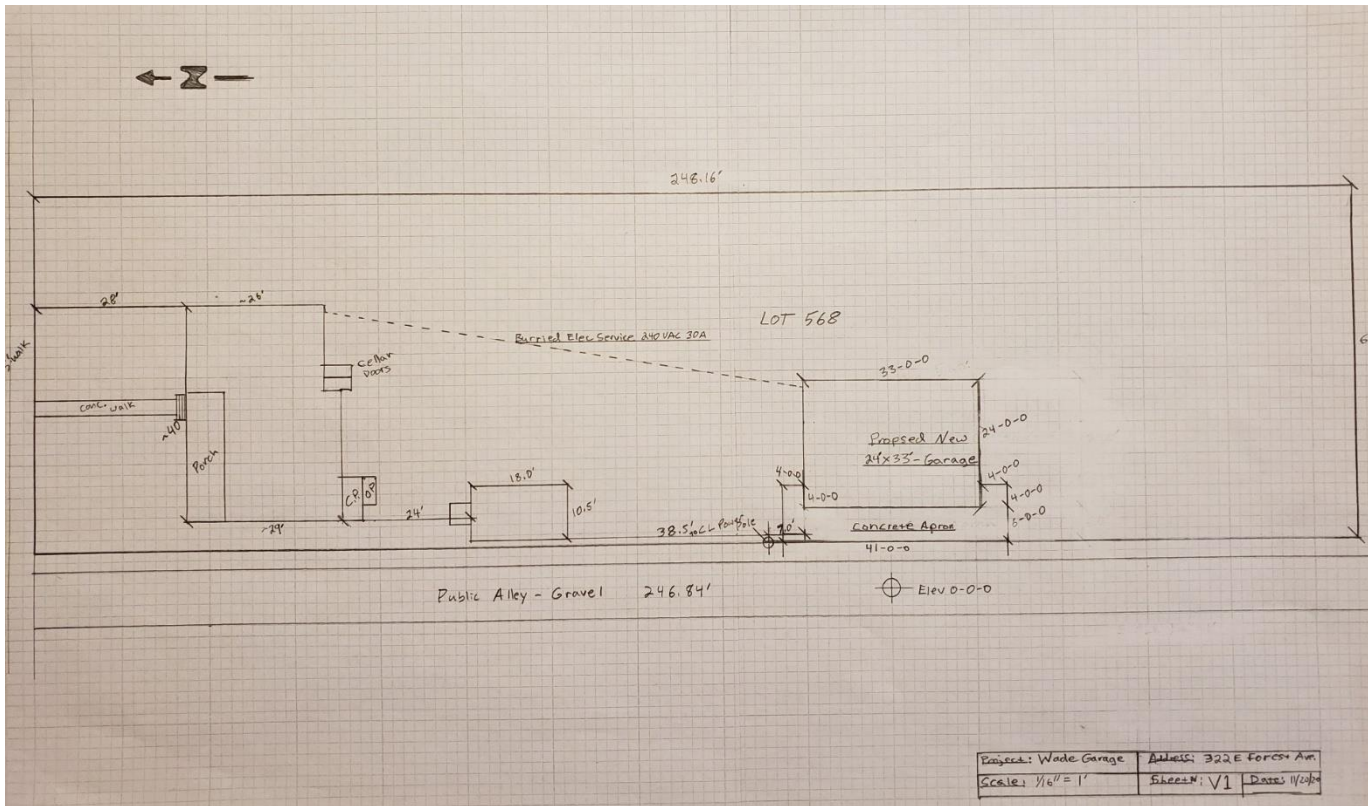
For all other projects:

- ✓ A detailed description of the proposed work
- ✓ A list of all materials to be used in proposed work
- ✓ Samples or chips of any paint or stain
- ✓ A site plan for any application involving the installation of something on the site (fencing, out buildings, major landscaping, etc.)
- ✓ Cut-sheets, catalogue sheets, or print-outs with details on any materials you are using (like composite wood materials, solar panels, siding, shingles, alternative materials, or anything with specific dimensions)

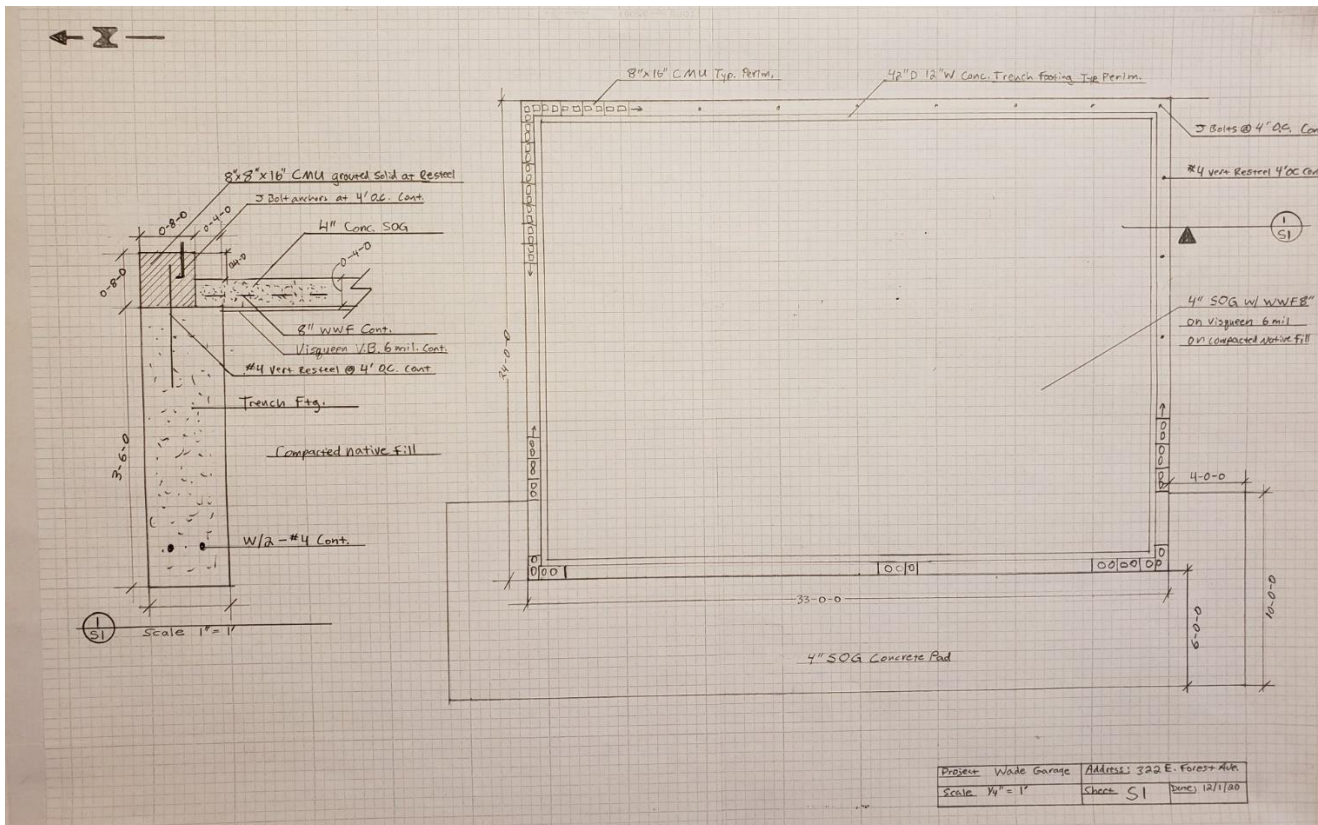
For fencing projects:

- ✓ Site plan or drawing of lot showing placement of fence in relation to buildings/property
- ✓ Proposed fencing material and style
- ✓ Color chip or sample of proposed paint or stain (wood must be finished with an opaque stain or paint)

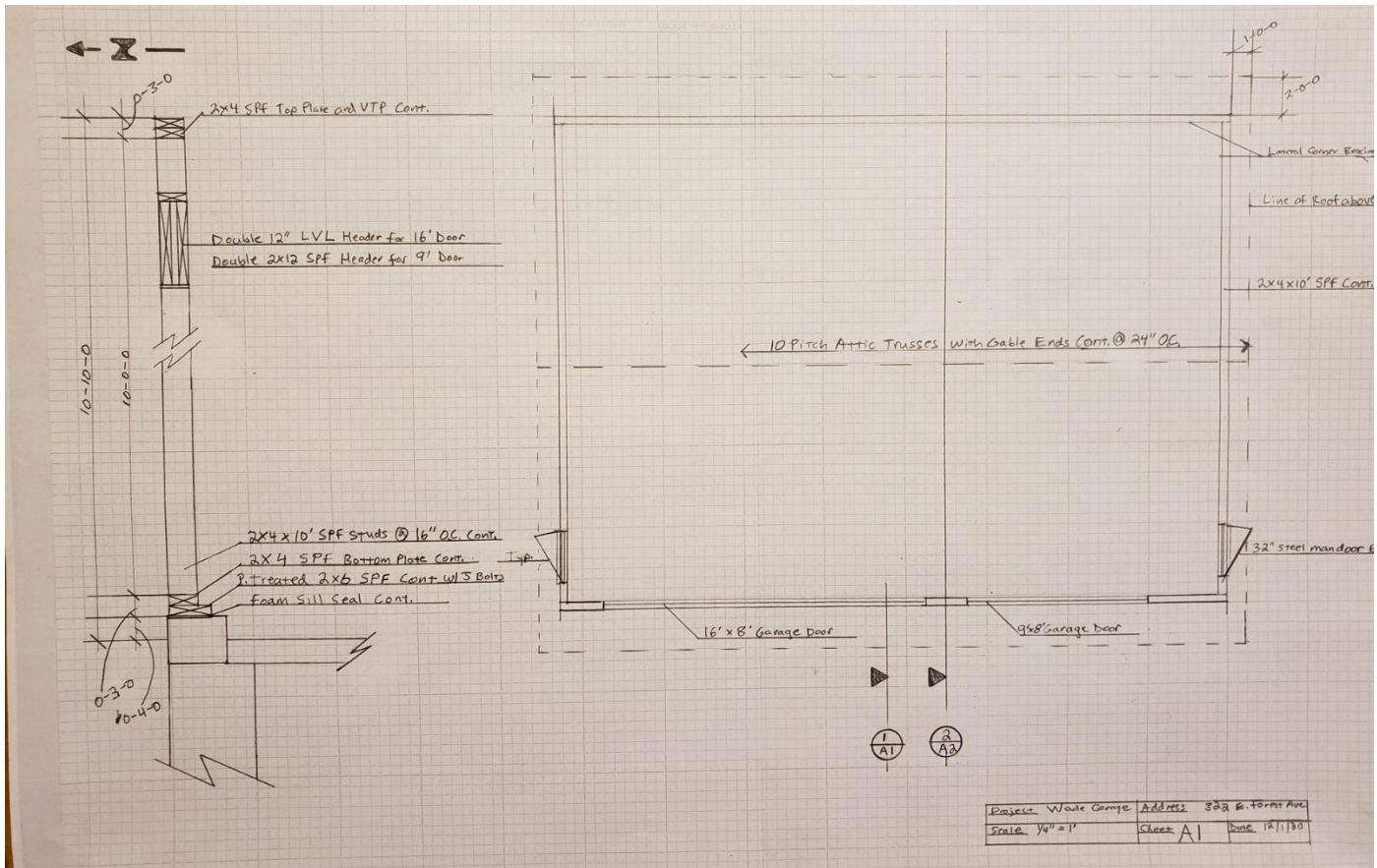
Without this required information, your application will be considered incomplete and will not be added to the agenda until the necessary information is received.



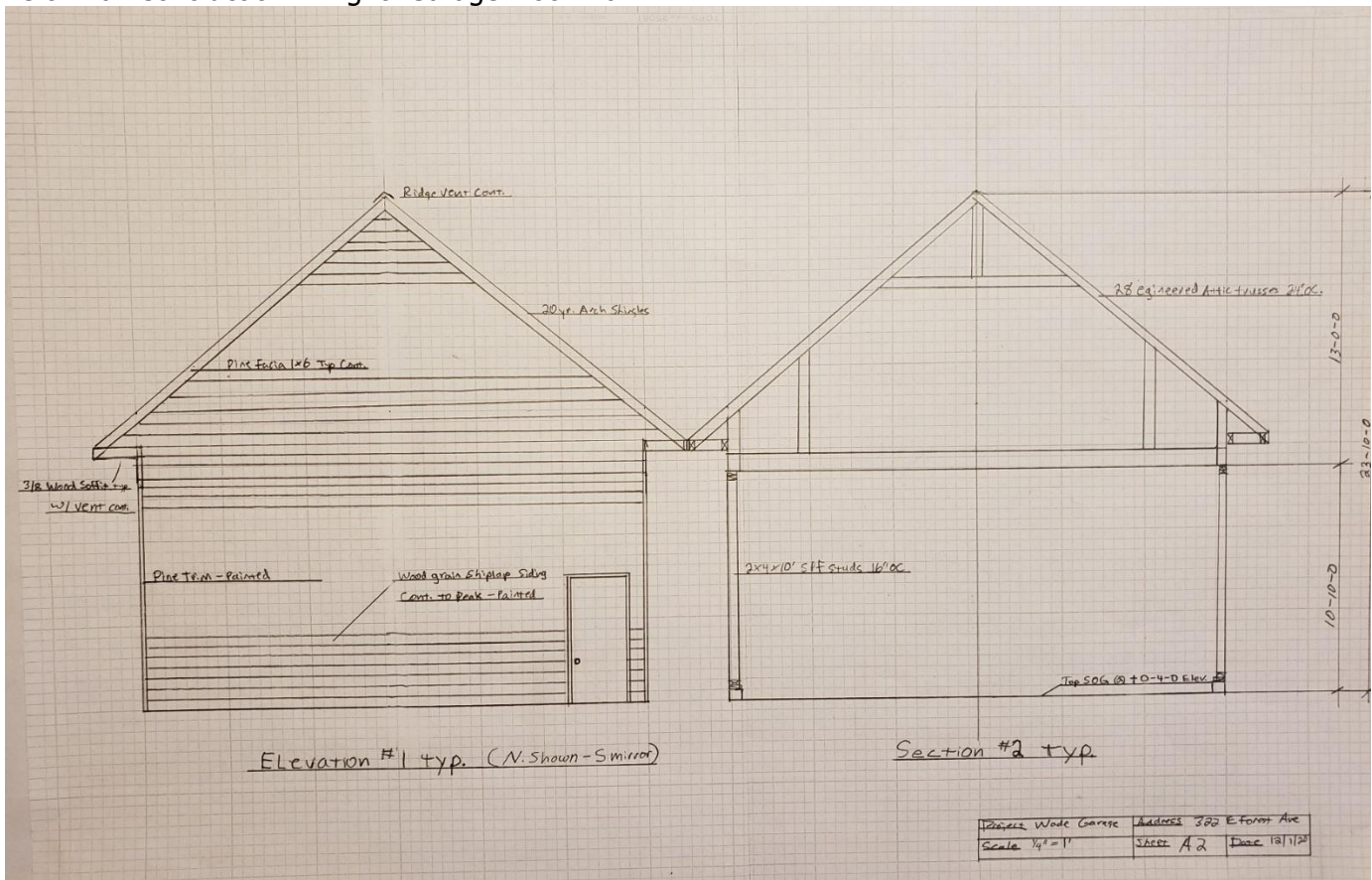
Lot plan.



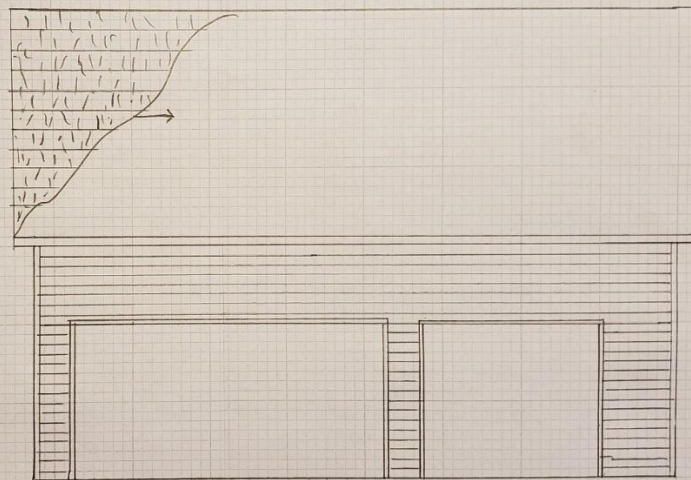
Left: Foundation Side View.
Right: Foundation Top View.



Left: Wall Construction. Right: Garage Floor Plan.



Left: Exterior Wall View. Right: Wall and Truss.



Elevation #2 (West)

Project	Wade Garage	Address	322 E. Forest Ave
Scale	1/4" = 1'	Sheet	A3
		Date	12/1/00

West Exterior View.



Front of House, from the north side (street view).



Another view of the front of the house.



Back of the house (south side).



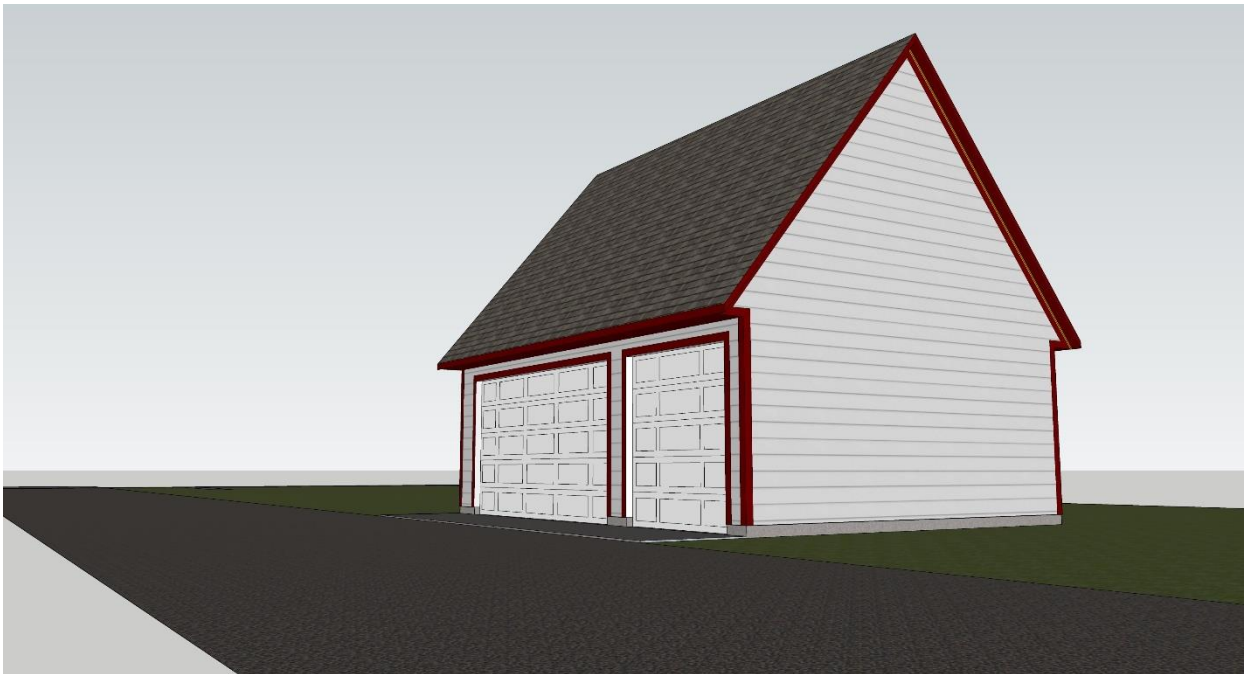
North side of where the garage location. Alley is on right, just out of view.



South side of the garage location. Alley is on left, just out of view.



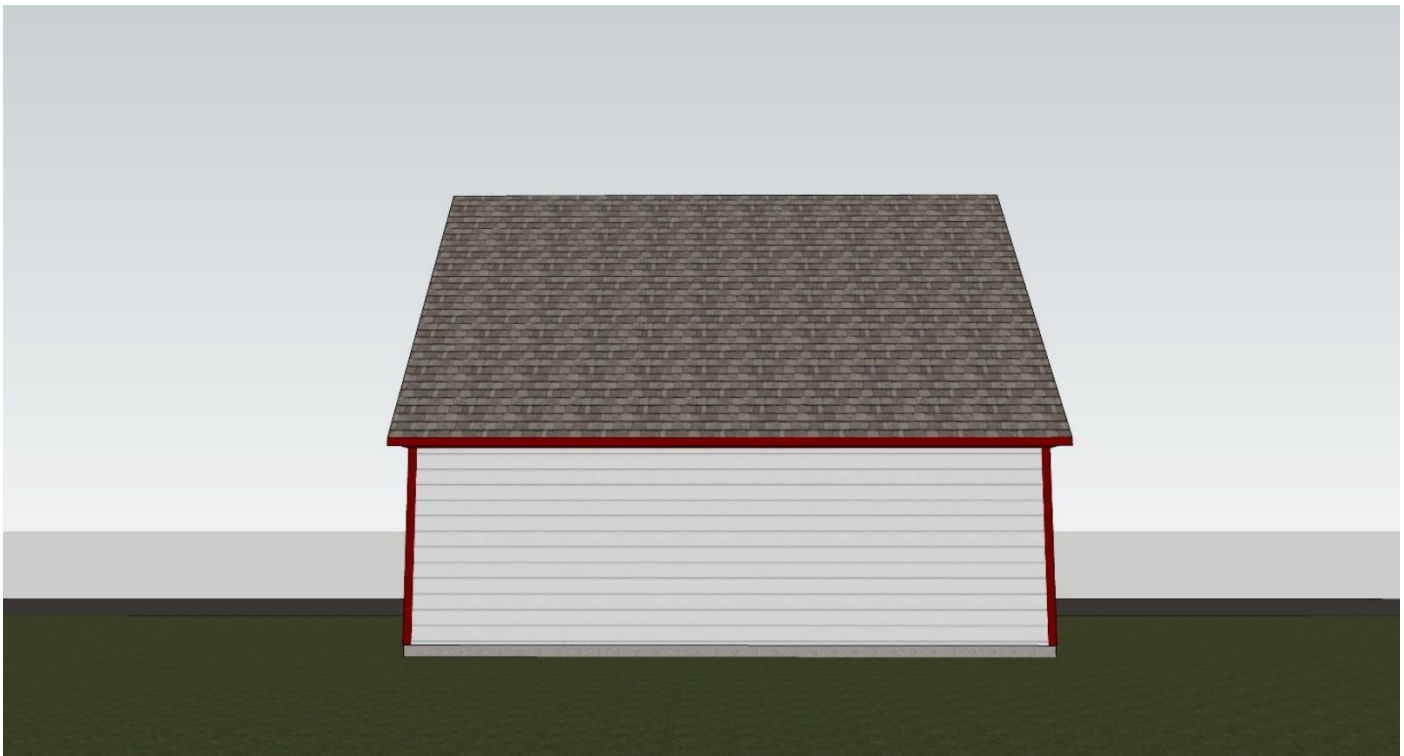
North and West sides of the proposed garage. (Note: view plans for additional man door on the north side, but not pictured here). Specific light fixtures, shingles, and doors not proposed in this application.



West and South sides of the proposed garage.



West (alley) side of proposed garage.



East side of proposed garage.

Siding will be HardiePlank Lap Siding, with a 4" reveal, and trim at corners and around doors will be 3.5" HardieTrim boards, to match the look of the house. I selected the smooth finish on both HardiePlank and HardieTrim, to avoid mixing wood grain with a different material.



HARDIEPLANK® LAP SIDING

SMOOTH

You can't go wrong with this sleek, modern siding. Find the perfect color in our Statement Collection products or Dream Collection products. Or get it primed for paint.



PRIMED FOR PAINT



James Hardie's primed for paint collection gives you the power to choose paint for your home's exterior. It's primed. It's ready for field painting. It's a durable, high-performance canvas.



AVAILABLE SIZES

THICKNESS:	0.312"	
LENGTH:	144" boards	
WIDTHS:	6.25"	8.25"
EXPOSURES:	5"	7"
	12"	5.25"
	10.75"	4"
	7.25"	9.25"
	6"	8"

Warranty Information >



HARDIETRIM® BOARDS

4/4 SMOOTH

This trim's simplicity never goes out of style. In a color from our Statement Collection products or Dream Collection products, it has even more staying power. Also available primed for paint.



PRIMED FOR PAINT

James Hardie's primed for paint collection gives you the power to choose paint for your home's exterior. It's primed. It's ready for field painting. It's a durable, high-performance canvas.



AVAILABLE SIZES

THICKNESS:	0.75"	
LENGTH:	144" boards	
WIDTHS:	3.5"	5.5"
EXPOSURES:	3.5"	5.5"
	7.25"	9.25"
	7.25"	9.25"
	11.25"	
	11.25"	

[Warranty Information >](#)

Shingles will be 20 year asphalt architectural shingles in a color to match the house (brown).



HDC Work Permit Staff Review

Property address: 301 W Michigan

Property History: The proposed work is in the right-of-way fronting on Ferris, behind 301 W Michigan.

The property includes a modern non-contributing building.

Complete Application Received: December 1, 2020

Date of Review: December 4, 2020

Date of Meeting: December 8, 2020

Proposed work: Small cell communication system.

Materials: Wood pole, antennas, power boxes, fiber boxes.

Staff review:

1. The application installs a communication antenna atop an existing DTE light pole.
 - a. The added communication feature will extend the pole to 40' tall from ground to top
 - b. The pole will be surmounted by a small cell communication feature, consisting of three antennas.
 - c. A caution sign will be placed between the light fixture and antennas.
 - d. Various connection boxes will be placed 10' above ground level.
2. Staff spoke with a SHPO reviewer in February regarding a similar installation on N Hamilton Street. They said that these new colocation antennas are much smaller than earlier installations and appear to have minimal impact on historic resources.

Recommended Motions:

Move to approve and issue a certificate of appropriateness for the work at 301 W Michigan as submitted in the application, dated December 1, 2020, for modification of an existing light

1. Use property for original purpose or provide compatible use with minimal alteration.

2. Do not destroy original character. Do not remove or alter historic material or features.

3. Do not imitate earlier styles.

4. Preserve significant changes acquired over time.

5. Preserve distinctive features.

6. Repair, don't replace. Replacements shall match original.

7. Clean building gently—no sandblasting.

8. Preserve archaeological resources.

9. Contemporary designs shall be compatible and shall not destroy significant original material.

10. New work shall be removable.

pole to include the features in submitted drawings, including antennas, signage, and connection boxes.

Relevant Secretary of the Interior's Standards:
#10

Prepared by:
Scott E. Slagor, Preservation Planner



City of Ypsilanti
Historic District Commission
Work Permit Application

One South Huron • Ypsilanti, MI 48197
Phone: (734) 483-9646 • Fax: (734) 483-7260
www.cityofypsilanti.com

OFFICE USE ONLY

Date Filed:

Meeting Date:

Action Item/Study Item

To complete this application:

1. Complete this form.
2. Attach the following documents:
 - a. Photo(s) showing all locations where work is proposed (can be emailed).
 - b. Catalog cut sheets or similar details for windows, doors, light fixtures, and any other manufactured or preassembled components—this includes information from catalogues, professional quotes, or websites (can be emailed).
 - c. Dimensioned drawings of any new construction or modifications to existing structures, including awnings and signs.
 - d. A sketch plan, if proposal is for work on the grounds and not just the main structure (e.g., installing a new driveway, fence, or shed). This can be drawn on a scaled copy of a mortgage survey.
3. Applications and materials must be received by the Building Department **no later** than 4pm on the Tuesday one week prior to the meeting.

INCOMPLETE APPLICATIONS WILL NOT BE PLACED ON THE AGENDA

Property

Address

301 W Michigan Ave.

Applicant

**If applicant is not owner of property, a written statement from the owner authorizing this application must be included.*

Name

Verizon Wireless - David Haslinger

Address

City

Southfield

State

MI

Zip

48075

Phone / Fax

E-Mail

Contractor

Contractor Name & Contact Info

Type of work

☐ Roofing

☐ Window/Door
Replacement

☐ Porches

☐ Sign

☐ Fence (or other sitework)

☐ Painting

☒ Other

☐ Application Amendment

Complete Description of Proposed Work:

Verizon is proposing small cell equipment on an existing DTE Pole.

Materials (for paint include color chips or samples with application):**Permit Application Fee (action items only)**

The fee is \$45 for the first \$3,000 in construction cost plus \$5 for every additional \$3,000 of construction cost. There is a flat fee of \$10 for painting only. *An additional fee of \$50 applies to HDC work started without the applicable permit.*

Construction Cost:

Permit fee:

\$45 + _____ =

Signature

I hereby attest that the above information is accurate. I am authorized to and grant permission to the City of Ypsilanti staff to be on the subject property for the purposes of preparing staff reports and/or evaluating this application.

I further affirm that this property has, or will have before the proposed work is completed, a fire alarm system or smoke alarm complying with the Stille-DeRossett-Hale single-state construction code, PA 230 of 1972, as amended.

Signature:



Date:

12-01-2020

Print Name:

David Haslinger

If you have questions about what the HDC generally permits or does not permit, or what they need to see in an application to render a decision, please call the office at 734-483-9646 or view our factsheets online at cityofypsilanti.com/hd.

All other necessary approvals and permits must be acquired before beginning work.



**City of Ypsilanti
Historic District Commission
Work Permit Application
Check List**

Is your application complete?!
Do you have the following?

For painting projects:

- ✓ A detailed description of what you will be painting (trim, siding, deck, etc.)
- ✓ A list of all the materials you plan to use (paint brands, color names, etc.)
- ✓ Color chips or samples of the proposed paint colors
- ✓ Photographs of the property
- ✓ A description of how you plan to prep your surfaces for new paint (the HDC does not allow power washing or sand blasting)

For window projects:

- ✓ A detailed description of your plans for the windows—are you replacing them entirely? Just the sash kits?
- ✓ A cut sheet, catalogue sheet, or print-out with a photo of the proposed window, its dimensions and its materials (vinyl windows are generally not permitted in the district)
- ✓ Photographs of the existing windows showing their deterioration or lack of functionality

For roofing projects:

- ✓ A detailed description of the proposed roof work (Removing existing shingles? Replacing entire roof or portions?)
- ✓ Information about your plans for venting (can vents are generally not permitted in the district)
- ✓ Plans for the flashing and drip edge—what color will they be?
- ✓ Brand name and style of proposed new roofing—include a cut sheet, catalogue sheet, or print-out with details about proposed shingles
- ✓ Color of the new shingles

For all other projects:

- ✓ A detailed description of the proposed work
- ✓ A list of all materials to be used in proposed work
- ✓ Samples or chips of any paint or stain
- ✓ A site plan for any application involving the installation of something on the site (fencing, out buildings, major landscaping, etc.)
- ✓ Cut-sheets, catalogue sheets, or print-outs with details on any materials you are using (like composite wood materials, solar panels, siding, shingles, alternative materials, or anything with specific dimensions)

For fencing projects:

- ✓ Site plan or drawing of lot showing placement of fence in relation to buildings/property
- ✓ Proposed fencing material and style
- ✓ Color chip or sample of proposed paint or stain (wood must be finished with an opaque stain or paint)

Without this required information, your application will be considered incomplete and will not be added to the agenda until the necessary information is received.



February 20, 2020

Scott Hubble
Verizon Wireless

[REDACTED]
Southfield, MI 48075

DTE is working with Verizon Wireless to facilitate the installation of their communication fiber, small wireless communications equipment, associated antennas and transmission cables on DTE owned poles located on public or private right of ways within Washtenaw County, Michigan (excluding steel, aluminum, fiberglass streetlight or ornamental poles).

This letter serves as notification for Verizon submissions as described above within the jurisdiction.

DTE is currently in an agreement with Verizon Wireless to provide joint use space on DTE owned assets that meet internal requirements. The full details of this agreement are protected under a mutual non-disclosure agreement.

Please call me if you have any questions regarding this letter.

Sincerely,

[REDACTED]

Aaron Belanger
Principal Supervisor
DTE / Marketing / Joint Use

[REDACTED]

PROJECT SUMMARY	
SITE NAME:	45526
SITE ADDRESS: (ESTIMATED)	301 W MICHIGAN AVE YPSILANTI, MI 48197
COUNTY:	WASHTENAW
JURISDICTION:	CITY OF YPSILANTI
<u>SITE COORDINATES:</u>	
LATITUDE:	42° 14' 23.417" N
LATITUDE:	42.23984°
LONGITUDE:	83° 37' 0.070" W
LONGITUDE:	-83.61669°
ELEVATION:	±736'-3"
PROPERTY DEFINITION:	R.O.W.
FUZE PROJECT ID:	15899281
PSLC CODE:	577437
EXISTING POLE HEIGHT:	40'-0"

verizon

SITE NAME: 45526

PROPOSED SMALL CELL EQUIPMENT
ON AN EXISTING DTE POLE

VICINITY MAP

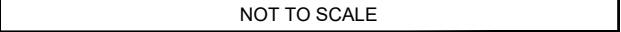


SHEET SCALE FACTOR:
PLOT SIZE:
11" x 17": TO SCALE

STRUCTURAL REVIEW	
STRUCTURAL ANALYSIS PERFORMED BY OTHERS.	

STRUCTURAL ANALYSIS PERFORMED BY OTHERS.

LOCATION MAP




1 (800) 482-7171
www.missdig.com
 CONTRACTOR TO CALL MICHIGAN
 ONE-CALL SYSTEMS AT LEAST 72 HOURS
 PRIOR TO DIGGING.


1 (800) 482-7171
www.missdig.com
 CONTRACTOR TO CALL MICHIGAN
 ONE-CALL SYSTEMS AT LEAST 72 HOURS
 PRIOR TO DIGGING.


1 (800) 482-7171
www.missdig.com
 CONTRACTOR TO CALL MICHIGAN
 ONE-CALL SYSTEMS AT LEAST 72 HOURS
 PRIOR TO DIGGING.

[illegible]

SITE NAME:		45526	
ADDRESS: 301 W MICHIGAN AVE YPSILANTI, MI 48197			
COUNTY: WASHTENAW			
LATITUDE: 42° 14' 23.417" N			
LONGITUDE: 83° 37' 0.070" W			
DESIGN TYPE: COLOCATION			
SHEET TITLE: TITLE SHEET			
DRAWING NO. T1		REVISION: 1	

1

SCOPE OF WORK

- INSTALLING EQUIPMENT
 - CFIT BOX
 - DISCONNECT
- CONNECTING ONSITE UTILITIES TO WIRELESS EQUIPMENT

- # SCOPE OF WORK
- INSTALLING EQUIPMENT
 - CFIT BOX
 - DISCONNECT
 - CONNECTING ONSITE UTILITIES TO WIRELESS EQUIPMENT

STATE COUNTY MAP



GENERAL NOTES

1. THESE NOTES SHALL BE CONSIDERED A PART OF THE WRITTEN SPECIFICATIONS.
2. THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED IN THE CONTRACT DOCUMENTS.
3. PRIOR TO THE SUBMISSION OF BIDS, THE CONTRACTOR(S) SHALL VISIT THE JOB SITE(S) AND BE RESPONSIBLE FOR ALL CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS AND CONFIRMING THAT THE WORK MAY BE ACCOMPLISHED PER THE CONTRACT DOCUMENTS. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE IMPLEMENTATION ENGINEER AND ARCHITECT/ENGINEER.
4. THE CONTRACTOR SHALL RECEIVE WRITTEN AUTHORIZATION TO PROCEED ON ANY WORK NOT CLEARLY DEFINED OR IDENTIFIED IN THE CONSTRUCTION DOCUMENTS BEFORE STARTING ANY WORK.
5. ALL WORK PERFORMED AND MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES INCLUDING APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS.
6. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH THE MANUFACTURER RECOMMENDATIONS. IF THESE RECOMMENDATIONS ARE IN CONFLICT WITH THE CONTRACT DOCUMENTS AND/OR APPLICABLE CODES OR REGULATIONS, REVIEW THE CONFLICT FOR DIRECTION WITH THE IMPLEMENTATION ENGINEER AND ARCHITECT/ENGINEER PRIOR TO PROCEEDING.
7. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES AND FOR COORDINATION OF ALL PORTIONS OF THE WORK UNDER THE CONTRACT INCLUDING CONTACT AND COORDINATION WITH THE IMPLEMENTATION TEAM AND WITH THE AUTHORIZED REPRESENTATIVE OF ANY OUTSIDE POLE OR PROPERTY OWNER. (BASE COMMANDER OR AUTHORIZED AGENT)
8. THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, PAVING, CURBS, VEGETATION, GALVANIZED SURFACE OR OTHER EXISTING ELEMENTS AND UPON COMPLETION OF THE WORK, REPAIR ANY DAMAGE THAT OCCURRED DURING CONSTRUCTION TO THE SATISFACTION OF EXTENT.
9. KEEP THE GENERAL AREA CLEAN, HAZARD FREE AND DISPOSE OF ALL DIRT, DEBRIS, RUBBISH AND REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY. LEAVE PREMISES IN CLEAN CONDITION DAILY.
10. PLANS ARE INTENDED TO BE DIAGRAMMATIC ONLY AND SHOULD NOT BE SCALED UNLESS OTHERWISE NOTED. RELY ONLY ON ANNOTATED DIMENSIONS AND REQUEST INFORMATION IF ADDITIONAL DIMENSIONS ARE REQUIRED.
11. THE EXISTENCE AND LOCATION OF UTILITIES AND OTHER AGENCY'S FACILITIES ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. OTHER FACILITIES MAY EXIST BEYOND WHAT IS NOTED. CONTRACTOR SHALL VERIFY LOCATIONS PRIOR TO START OF CONSTRUCTION AND USE EXTREME CARE AND PROTECTIVE MEASURES TO PREVENT DAMAGE TO THESE FACILITIES. CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF UTILITIES OR OTHER AGENCY'S FACILITIES WITHIN THE LIMITS OF THE WORK, WHETHER THEY ARE IDENTIFIED IN THE CONTRACT DOCUMENTS OR NOT.
12. ALL MOUNTING HARDWARE SUCH AS BOLTS, NUTS, LAG SCREWS, CLEVIS, CONDUIT STRAPS, STAPLES, (ANYTHING EXPOSED AND CONNECTING EQUIPMENT TO THE POLE SHALL BE HOT DIPPED GALVANIZED, UNLESS OTHERWISE STATED)

DEFINITIONS

1. "TYPICAL" OR "TYP." MEANS THAT THIS ITEM IS VIRTUALLY IDENTICAL ACROSS SIMILAR CONDITIONS. "TYP." SHALL BE UNDERSTOOD TO MEAN "TYPICAL WHERE OCCURS" AND SHALL NOT BE CONSIDERED AS WITHOUT EXCEPTION OR CONSIDERATION OF SPECIFIC CONDITIONS.
2. "SIMILAR" MEANS COMPARABLE TO CHARACTERISTICS FOR CONDITION NOTED. VERIFY DIMENSIONS AND ORIENTATION ON PLAN.
3. "AS REQUIRED" MEANS AS REQUIRED BY REGULATORY REQUIREMENTS BY REFERENCED STANDARDS, BY EXISTING CONDITIONS, BY GENERALLY ACCEPTED CONSTRUCTION PRACTICE OR BY THE CONTRACT DOCUMENTS.
4. "ALIGN" MEANS ACCURATELY LOCATE FINISH FACES OF MATERIALS IN THE SAME PLANE.
5. THE TERM "VERIFY" OR "V.I.F" SHALL BE UNDERSTOOD TO MEAN VERIFY IN FIELD WITH ARCHITECT AND REQUIRES THAT THE CONTRACTOR CONFIRM INTENTION REGARDING NOTED CONDITION AND PROCEED ONLY AFTER RECEIVING DIRECTION.
6. WHERE THE WORDS "OR EQUAL" OR WORDS OF SIMILAR INTENT FOLLOW A MATERIAL SPECIFICATION, THEY SHALL BE UNDERSTOOD TO REQUIRE SIGNED APPROVAL OF ANY DEVIATION TO SAID SPECIFICATION PRIOR TO CONTRACTOR'S ORDERING OR INSTALLATION OF SUCH PROPOSED EQUAL PRODUCT.
7. FURNISH: SUPPLY ONLY, OTHERS TO INSTALL. INSTALL: INSTALL ITEMS FURNISHED BY OTHERS. PROVIDE: FURNISH AND INSTALL.

PROJECT SPECIFIC NOTES

1. THIS SET IS PROVIDED TO ILLUSTRATE THE EXPECTED SCOPE OF DRAWINGS, QUALITY OF DRAWINGS AND EXTENT GRAPHIC STANDARDS. NOTES ARE FOR A&E CONTRACTOR REFERENCE TO HELP CLARIFY THE SCOPE. ADDITIONAL DRAWINGS MAY BE REQUIRED TO MEET THE REQUIREMENTS OF A GIVEN BASE. ALL EXAMPLES SHOWN ARE FOR REFERENCE ONLY AND ANY NOTES, DETAILS, CALCULATIONS OR OTHER WORK NEEDS TO BE COMPLETED OR CONFIRMED BY THE CONTRACTOR GENERATING THE DRAWINGS IN CONSTRUCTION DOCUMENTS.
2. THIS SET IS TO BE PRINTED AT 11" x 17". IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONFIRM THIS SIZE IS ACCEPTABLE BY THE BASE AND TO PROVIDE A LARGER STANDARD SIZE IF REQUIRED.
3. IT IS THE RESPONSIBILITY OF THE ENGINEER TO CONFIRM ALL WORK SHOWN IS IN COMPLIANCE WITH BASE AND FEDERAL CODES. DRAWINGS SHOWN WITHIN THIS SET ARE SAMPLES AND MAY NOT REFLECT ALL OF THE REQUIRED ELEMENTS, CLEARANCES OR OTHER ITEMS OF ASSEMBLIES NEEDED TO BE CODE COMPLIANT IN THE PARTICULAR MUNICIPALITY THE NODE IS LOCATED WITHIN.

GROUND CONSTRUCTION NOTES:

1. 120/240V POWER REQUIRED FOR 3-WIRE SERVICE.
2. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH FEDERAL STANDARDS AND REGULATIONS AS WELL AS NEC.
3. CALL MICHIGAN ONE CALL 72 HOURS PRIOR TO EXCAVATING AT (800) 482-7171.
4. ALL LANDSCAPING TO BE RESTORED TO ORIGINAL CONDITION OR BETTER.
5. ALL EQUIPMENT TO BE BONDED.
6. METERING CABINET (IF INSTALLED) REQUIRES 3' CLEARANCE AT DOOR OPENING.

STANDARD GROUNDING NOTES:

1. GROUND TESTED AT 25 OHMS OR LESS.
2. 5/8" x 8' RODS, CAD WELD OR UL LISTED DIRECT BURY CLAMP BELOW GRADE.
3. #6 GROUND AND BOND WIRE.
4. MOLDING, STAPLED EVERY 1' AND AT EACH END.
5. GROUND RODS 18" FROM POLE.

STANDARD CONDUIT NOTES:

1. FOR UNDERGROUND CONDUIT AND ABOVE GRADE RISERS USE SCHEDULE 40.
2. IF DIRECTIONAL BORING PLACE 1-1/4" SDR-11 GRAY CONDUIT FOR UNDERGROUND POWER APPLICATIONS.
3. IF TRENCHING, PLACE PVC SCH 40 CONDUIT PER TABLE ON SHEET E1 FOR UNDERGROUND POWER APPLICATIONS.
4. RISERS TO BE ATTACHED TO POLE WITH STANDARD STRAPS AND LAG SCREWS.
5. RISER STRAPS TO BE INSTALLED EVERY 5'.
6. CONDUIT UNDER 1" MAY BE ATTACHED WITH GROUND WIRE MOLDING STAPLES.
7. ALL CONDUIT WILL BE PROOFED WITH A MANDREL AND EQUIPPED WITH PULL ROPE OR MULE TAPE.

STANDARD TRENCHING NOTES:

1. MAINTAIN 42" MINIMUM COVER FOR ELECTRICAL CONDUIT.
2. MAINTAIN 42" MINIMUM COVER FOR COMMUNICATION CONDUIT.
3. IN STREET SLURRY TO GRADE AND MILL DOWN 1-1/2" FOR AC CAP.
4. IN DIRT SLURRY 18" FROM GRADE AND FILL WITH 95% COMPACTION NATIVE SOIL FOR BALANCE.
5. PLACE WARNING TAPE IN TRENCH 18" ABOVE ALL CONDUITS AND #18 WARNING TAPE ABOVE GROUND EQUIPMENT.

UTILITY POLE CONSTRUCTION NOTES:

1. NO BOLT THREADS TO PROTRUDE MORE THAN 1/2".
2. FILL ALL HOLES LEFT IN POLE FROM REARRANGEMENT OF CLIMBERS.
3. ALL CLIMB STEPS NEXT TO CONDUIT SHALL HAVE EXTENDED STEPS.
4. CABLE NOT TO IMPEDE 15" CLEAR SPACE OFF POLE FACE.
5. 90° SHORT SWEEP UNDER ANTENNA ARM. ALL CABLES MUST ONLY TRANSITION ON THE INSIDE OR BOTTOM OF ARMS (NO CABLE ON TOP OF ARMS).
6. USE CABLE CLAMPS TO SECURE CABLE TO ARMS; PLACE 2" CARRIER ID TAGS ON BOTH SIDE OF ARMS.
7. USE 90° CONNECTOR AT CABLE CONNECTION TO ANTENNAS.
8. USE 1/2" CABLE ON ANTENNAS UNLESS OTHERWISE SPECIFIED.
9. FILL VOID AROUND CABLES AT CONDUIT OPENING WITH FOAM SEALANT TO PREVENT WATER INTRUSION.

VERIZON WIRELESS CONSTRUCTION NOTES:

1. CONTRACTOR IS TO FOLLOW THE MOST CURRENT VZW STANDARDS DOCUMENTS PROVIDED TO COMPLETE THIS INSTALLATION.
2. CONTRACTOR SHALL COMPLETE VZW PROVIDED "SMALL CELL SWEEP REPORT" WITH ALL INFORMATION FILLED IN ACCURATELY AND COMPLETELY.
3. CONTRACTOR TO REFER TO THE MOST CURRENT VZW STANDARDS FOR APPROVED "PIM" TEST EQUIPMENT AND GUIDELINES.
4. CONTRACTOR IS TO USE BATTERY POWERED "PIM" EQUIPMENT TO VALIDATE THE FINAL LOCATION OF THE JUMPER AND ANTENNA ARE FREE OF INTERNAL AND EXTERNAL "PIM" SOURCES.
5. CONTRACTOR SHALL PROVIDE AT LEAST ONE TECHNICAL LEAD THAT IS CERTIFIED AND PROFICIENT IN EXECUTING, INTERPRETING AND RECORDING "PIM" MEASUREMENTS.

PREPARED FOR:



PREPARED BY:

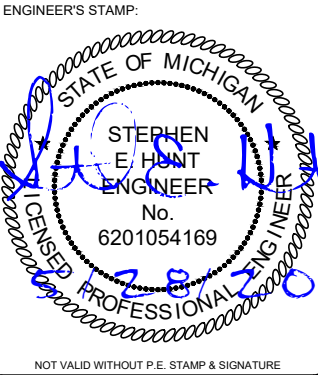


1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
1	05/28/20	JCJ	CONSTRUCTION ISSUE
0	01/31/20	CDM	CONSTRUCTION ISSUE
A	01/27/20	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION



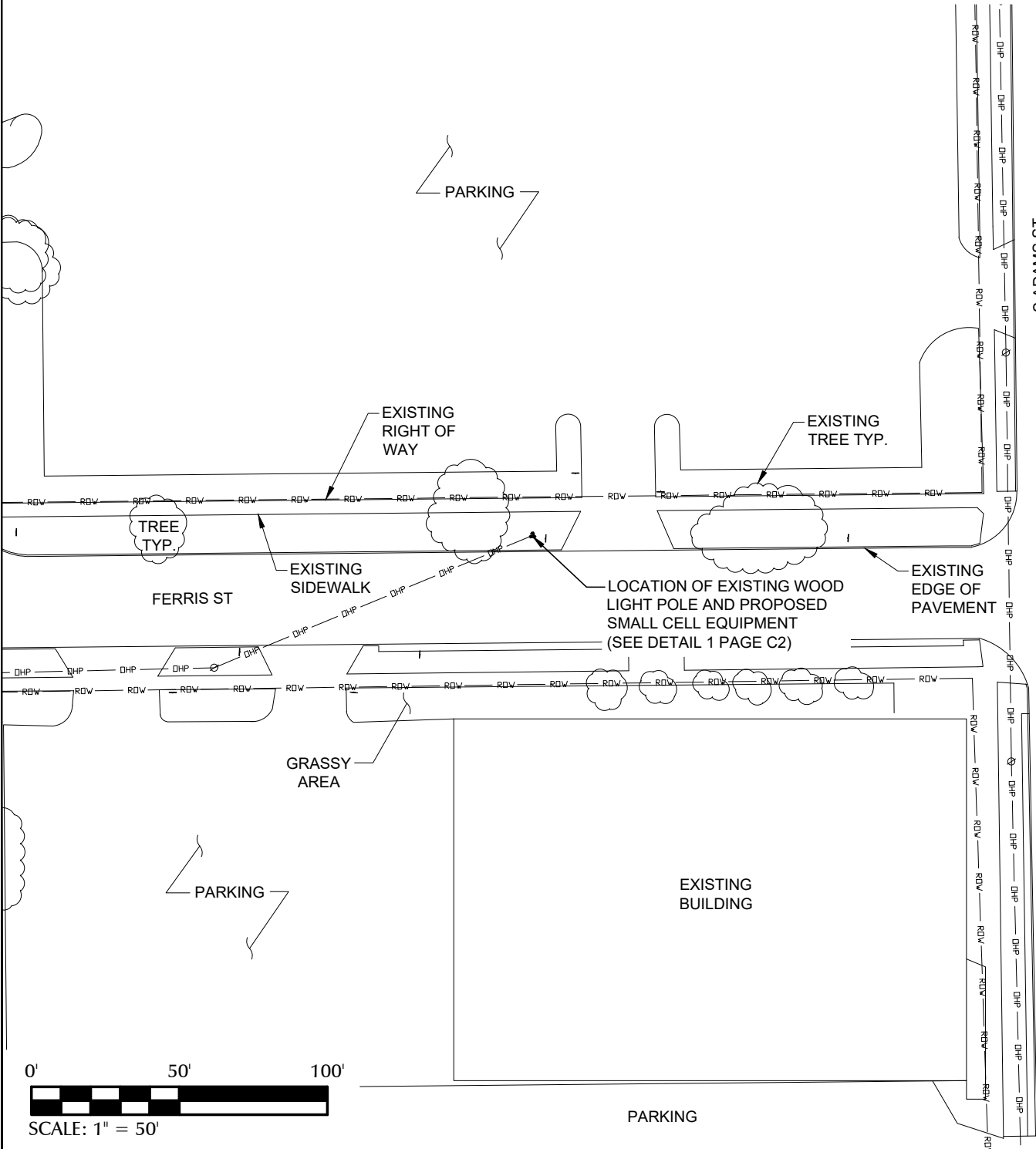
SITE NAME:	45526
ADDRESS:	301 W MICHIGAN AVE YPSILANTI, MI 48197
COUNTY:	WASHTENAW
LATITUDE:	42° 14' 23.417" N
LONGITUDE:	83° 37' 0.070" W
DESIGN TYPE:	COLOCATION

SHEET TITLE:	GENERAL NOTES
--------------	---------------

DRAWING NO.	REVISION:
GN1	1

NOTES:

1. THIS DRAWING IS BASED ON AERIAL IMAGERY AND FIELD OBSERVATIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
2. THE PROPOSED USE DOES NOT REQUIRE FULL OR PART TIME EMPLOYEES AT THE SITE.
3. FOR GENERAL SITE WORK NOTES, SEE SHEET GN1.
4. ALL NORTH ARROWS ON SITE PLANS ARE TRUE NORTH, UNLESS OTHERWISE SPECIFIED.
5. OPEN CUT CONSTRUCTION THROUGH EXISTING PAVEMENT, I.E. ROADWAYS, PARKING AREAS, SIDEWALKS WILL NOT BE ALLOWED. CONSTRUCTION UNDER EXISTING PAVEMENTS WILL BE REQUIRED TO BE INSTALLED WITH DIRECTIONAL BORING TECHNIQUE.
6. RIGHT OF WAY INFORMATION ACQUIRED FROM GIS.



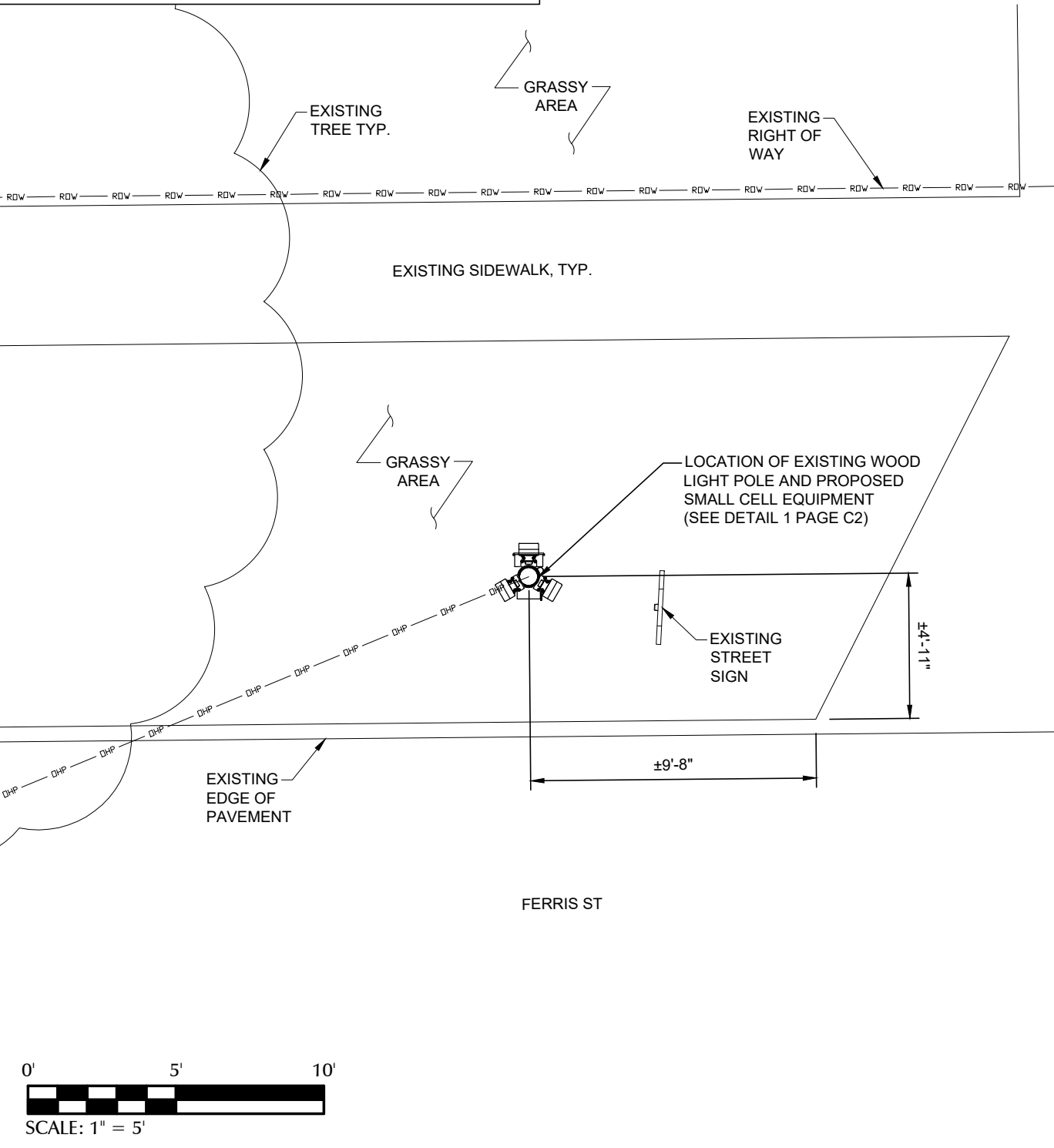
1 OVERALL SITE LAYOUT

LEGEND

OVERHEAD UTILITIES	DHU	CATCH BASIN	CB
UNDERGROUND POWER	UGP	STREET SIGN	SS
OVERHEAD POWER	DHP	4 WAY STREET SIGN	4WS
UNDERGROUND TELCO	UGT	UTILITY POLE	UP
OVERHEAD TELCO	DHT	LIGHT POLE	LP
GAS LINE	GAS	WATER VALVE	WV
FENCE	X-X-X-X-X-X	MANHOLE	M
WOOD FENCE	O-O-O-O-O-O	GAS VALVE	GV
SEWER LINE	SWR	FIRE HYDRANT	FH
WATER LINE	WTR	TELCO PEDESTAL	TP
HYBRID CABLE	HYB	ELECTRICAL BOX	EB
HIGH VOLTAGE POWER	HVP		
FIBER	FBR		
RIGHT-OF-WAY	RDW		
PROPERTY LINE	PL		

UTILITY NOTE:

THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES HAVE NOT BEEN VERIFIED. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT OCCUR BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.



2 ENLARGED SITE LAYOUT

PREPARED FOR:



PREPARED BY:

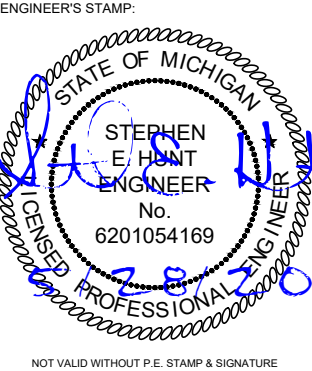


1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
1	05/28/20	JCJ	CONSTRUCTION ISSUE
0	01/31/20	CDM	CONSTRUCTION ISSUE
A	01/27/20	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION



SITE NAME:	45526
ADDRESS:	301 W MICHIGAN AVE YPSILANTI, MI 48197
COUNTY:	WASHTENAW
LATITUDE:	42° 14' 23.417" N
LONGITUDE:	83° 37' 0.070" W
DESIGN TYPE:	COLOCATION

SHEET TITLE: SITE LAYOUTS	
DRAWING NO. C1	REVISION: 1



PREPARED FOR:



PREPARED BY:

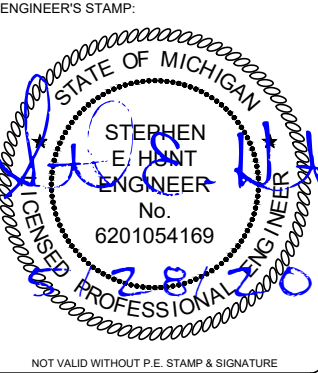


1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF
DOCUMENTS IS PROPRIETARY BY NATURE.
ANY USE OR DISCLOSURE OTHER THAN THAT
WHICH RELATES TO THE CLIENT IS STRICTLY
PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
1	05/28/20	JCJ	CONSTRUCTION ISSUE
0	01/31/20	CDM	CONSTRUCTION ISSUE
A	01/27/20	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION



SITE NAME:	45526
ADDRESS:	301 W MICHIGAN AVE YPSILANTI, MI 48197
COUNTY:	WASHTENAW
LATITUDE:	42° 14' 23.417" N
LONGITUDE:	83° 37' 0.070" W
DESIGN TYPE:	COLOCATION

SHEET TITLE:	SITE LAYOUT - AERIAL IMAGERY
--------------	---------------------------------

DRAWING NO.	REVISION:
C1A	1

CONTRACTOR TO OBTAIN
LATEST RFDS FROM VERIZON
PRIOR TO CONSTRUCTION.

MAINTAIN A MIN. OF 3'-0"
CLEARANCE BETWEEN
DISCONNECT BOX AND ANY
COMM LINES

40" MIN. CLEARANCE
BELOW NEW TRIPLEX
SERVICE

5'-0" MIN. CLEARANCE ABOVE
ANY DTE EQUIPMENT TO
BOTTOM OF ANTENNA

REFER TO RFDS FOR SMALL
CELL AZIMUTHS

NOTICE



Transmitting Antenna(s)
Radio frequency fields beyond
this point MAY EXCEED the FCC
General Population exposure
limit.
Obey all posted signs and
site guidelines.
Call Verizon at 1-800-264-6620
PRIOR to working beyond this
point.
Site ID/ PSLC: 577437 (45526)



6"x7.5" VERTICAL
RF NOTICE SIGN
TYPICAL OF 2

PROPOSED ERICSSON
6701 ANTENNA
(SEE DETAIL 1 PAGE C5)

5'-0"

EXISTING WOOD
LIGHT POLE

PROPOSED RISER
AND WEATHER HEAD,
TRIPLEX SERVICE
PROVIDED BY
OTHERS

PROPOSED 120/240V GE
TG3223R DISCONNECT BOX

PROPOSED NEMA 3R
120/240V 100A
6 POSITION PANEL

PROPOSED U-GUARD

PROPOSED POLE
MOUNTED CFIT BOX
(SEE DETAIL 2 PAGE C5)

PRE-ASSEMBLE
DISCONNECT AND
BREAKER BOX ON
THINSTRUT

FINISH GRADE

10'-0"

25'-10"
LIGHT MOUNT

26'-11"
SECONDARY POWER

38'-0"
ANTENNA CENTERLINE

40'-0" (CUT POLE)
TOP OF POLE



IN CASE OF EMERGENCY
CALL 1-800-852-2671

SITE DESIGNATION: 45526

INSTALL ON BREAKER PANEL

1 POLE ELEVATION

PREPARED FOR:



PREPARED BY:



1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF
DOCUMENTS IS PROPRIETARY BY NATURE.
ANY USE OR DISCLOSURE OTHER THAN THAT
WHICH RELATES TO THE CLIENT IS STRICTLY
PROHIBITED.

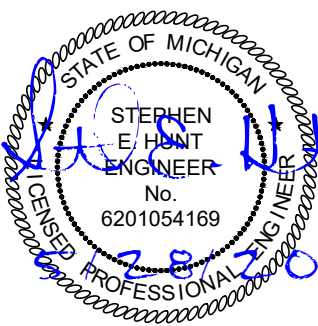
DRAWN BY: LA

CHECKED BY: CTD

REVISIONS

NO.	DATE	BY	DESCRIPTION
1	05/28/20	JCJ	CONSTRUCTION ISSUE
0	01/31/20	CDM	CONSTRUCTION ISSUE
A	01/27/20	LA	PRELIMINARY REVIEW

ENGINEER'S STAMP:



NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME: 45526

ADDRESS:
301 W MICHIGAN AVE
YPSILANTI, MI 48197

COUNTY:
WASHTENAW

LATITUDE:
42° 14' 23.417" N

LONGITUDE:
83° 37' 0.070" W

DESIGN TYPE:
COLOCATION

SHEET TITLE:
POLE ELEVATION

DRAWING NO.

C2

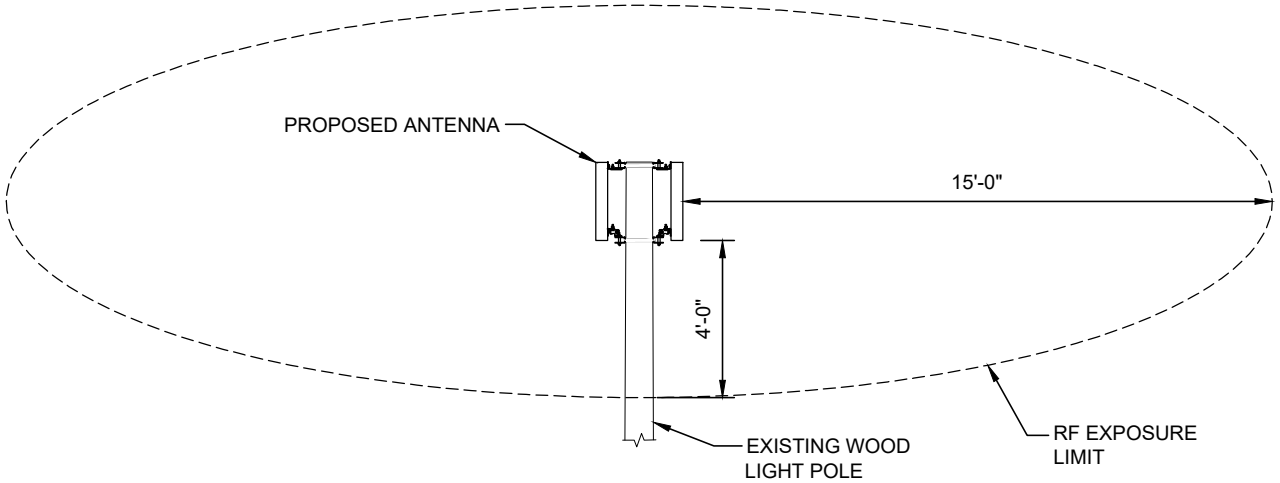
REVISION:

1

N.T.S.

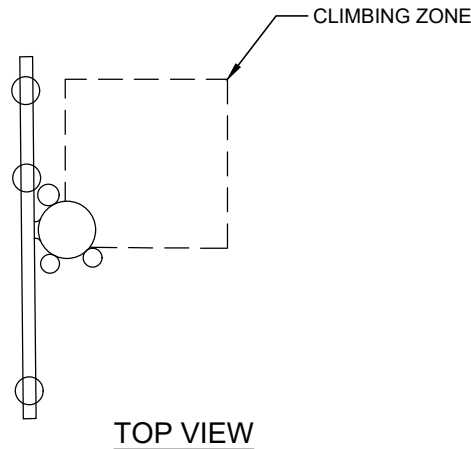
POLE ATTACHED EQUIPMENT	
EQUIPMENT	VOLUME (CU-FT)
6701 ANTENNA	0.46
6701 ANTENNA	0.46
6701 ANTENNA	0.46
TOTAL IN CU-FT	1.38

POLE ANCILLARY EQUIPMENT	
EQUIPMENT	VOLUME (CU-FT)
6 POSITION PANEL	0.80
DISCONNECT	0.57
CFIT BOX	0.60
TOTAL IN CU-FT	1.97



2 RF EXPOSURE LIMIT

N.T.S.



NOTES:

1. WORKING CLEARANCE FROM ENERGIZED ANTENNA MUST BE GREATER THAN 4 FT, OTHERWISE SHUT DOWN RADIO AND ANTENNA PER INSTRUCTIONS ON PLACARD OR BY OPENING DISCONNECT SWITCH TO RADIO EQUIPMENT ON POLE.
2. ANTENNA AND MOUNTING BRACKETS INSTALLED ABOVE DTE WIRES MUST BE INSTALLED AND MAINTAINED BY DTE OR DTE'S DESIGNATED CONTRACTOR.
3. VERTICAL CLIMBING ZONE MUST BE MAINTAINED ON ALL POLES. (SEE TOP VIEW)
4. BASE CABINET TO BE CLEARLY LABELED WITH OWNER'S NAME AND 1-800 PHONE NUMBER WITH 3/4" TALL LETTERING.
5. SHUTDOWN PLACARD TO BE PLACED ON THE POLE NEAR BASE CABINET AND DISCONNECT SWITCH BOX.
6. 5' FT MIN. CLEARANCE ABOVE ANY DTE EQUIPMENT.
7. ANTENNA POLE TOP CLEARANCES APPLY TO ANY DTE EQUIPMENT OR WIRES INSTALLED UNDER THE ANTENNA.

REFERENCE DTE ENERGY
CELLULAR ANTENNA SMALL CELL SITE CONSTRUCTION
LINE CONSTRUCTION STANDARDS 4-JOINT USE 1-4-26.1
DATED 11/1/2017

3 DTE CLIMBING ZONE REQUIREMENT AND NOTES

N.T.S.

PREPARED FOR:

verizon

PREPARED BY:

TeleCAD
Wireless

1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF
DOCUMENTS IS PROPRIETARY BY NATURE.
ANY USE OR DISCLOSURE OTHER THAN THAT
WHICH RELATES TO THE CLIENT IS STRICTLY
PROHIBITED.

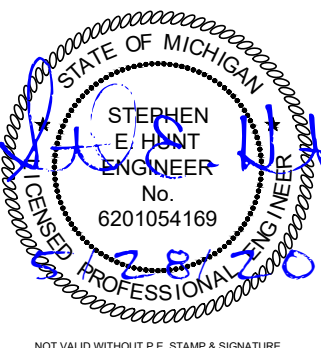
DRAWN BY: LA

CHECKED BY: CTD

REVISIONS

NO.	DATE	BY	DESCRIPTION
1	05/28/20	JCJ	CONSTRUCTION ISSUE
0	01/31/20	CDM	CONSTRUCTION ISSUE
A	01/27/20	LA	PRELIMINARY REVIEW

ENGINEER'S STAMP:



SITE NAME: 45526

ADDRESS:
301 W MICHIGAN AVE
YPSILANTI, MI 48197

COUNTY:
WASHTENAW

LATITUDE:
42° 14' 23.417" N

LONGITUDE:
83° 37' 0.070" W

DESIGN TYPE:
COLOCATION

SHEET TITLE:
SITE DETAILS

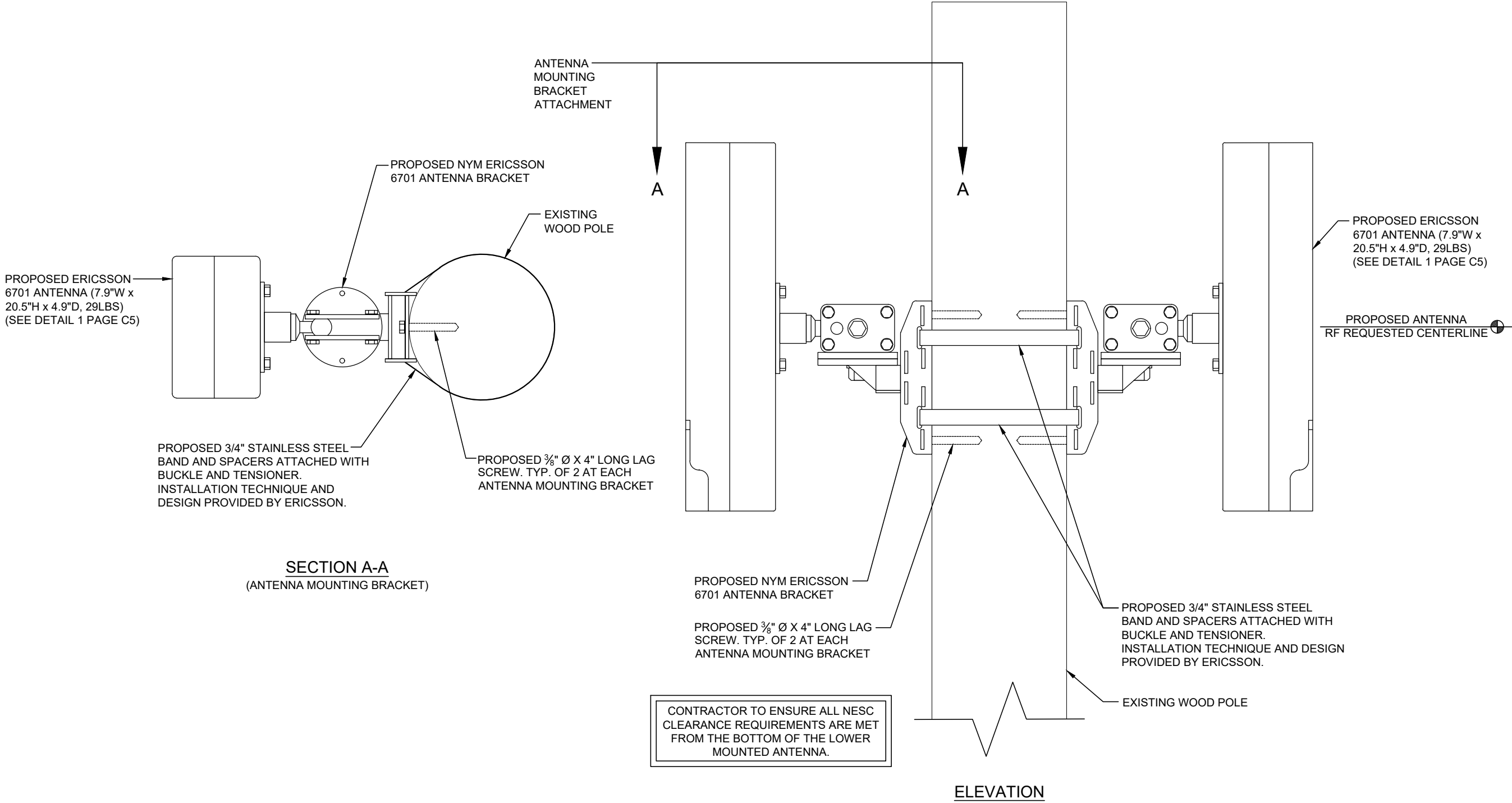
DRAWING NO.

C3

REVISION:

1

1 EQUIPMENT CU-FT. TABLE



PREPARED FOR:



PREPARED BY:

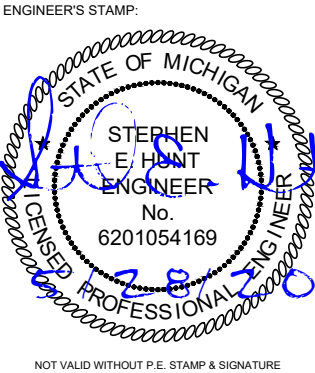


1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY: LA
CHECKED BY: CTD

REVISIONS				
NO.	DATE	BY	DESCRIPTION	
1	05/28/20	JCJ	CONSTRUCTION ISSUE	
0	01/31/20	CDM	CONSTRUCTION ISSUE	
A	01/27/20	LA	PRELIMINARY REVIEW	



SITE NAME: 45526
ADDRESS: 301 W MICHIGAN AVE
YPSILANTI, MI 48197
COUNTY: WASHTENAW
LATITUDE: 42° 14' 23.417" N
LONGITUDE: 83° 37' 0.070" W
DESIGN TYPE: COLOCATION

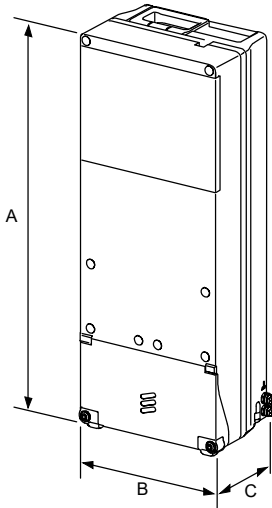
SHEET TITLE: SITE DETAILS

DRAWING NO. C4
REVISION: 1

Technical Data

Description	Value
Frequency	N261 (27.5–28.35 GHz)
Number of carriers	Config mode 2: Up to 8 Config mode 1: Up to 16
Operating bandwidth	Config mode 2: 800 MHz Config mode 1: 1600 MHz
Component carrier bandwidth	50MHz, 100 MHz
EIRP ⁽¹⁾	Config mode 2: 53 dBm per RF beam in boresight , 56 dBm per radio Config mode 1: 47 dBm per RF beam in boresight , 53 dBm per radio
EIS_REFSSENS_50M	Config mode 2: -109 dBm Config mode 1: -106 dBm

(1) The MaxTxPower can be configured up to 10 dB lower than the stated EIRP without product performance being degraded. If the MaxTxPower is configured lower than the given power limit here, significant performance degradation will occur.

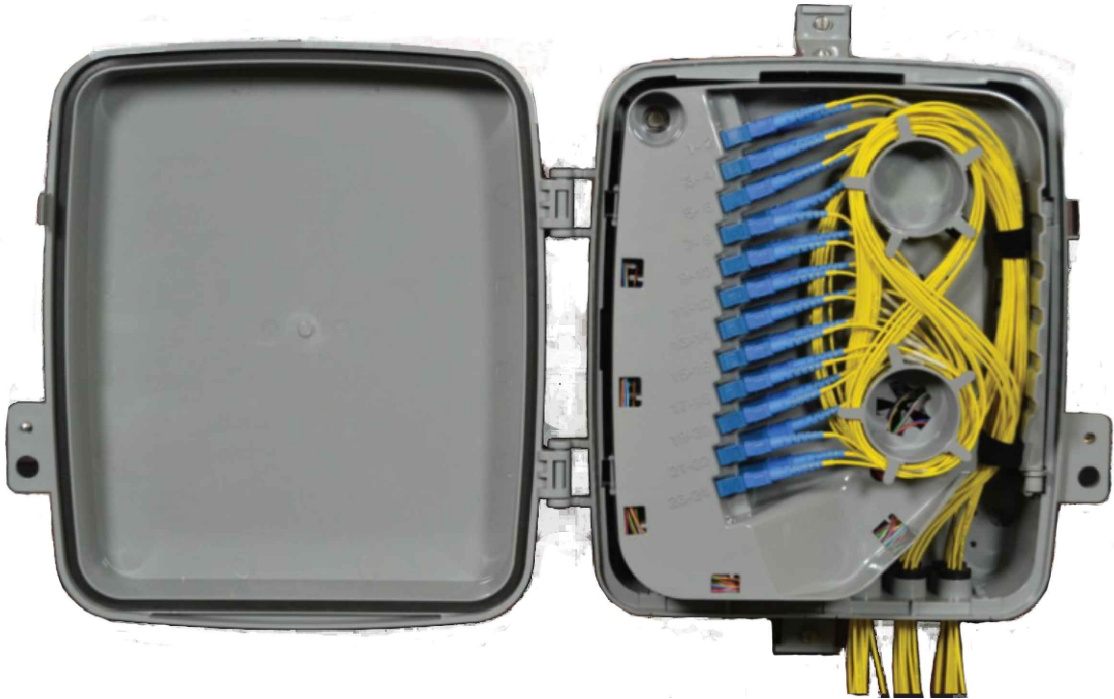


Dimensions, Weight, and Color

Dimensions	
Height (A)	511 mm
Width (B)	200 mm
Depth (C)	125 mm
Weight	14 kg
Color	Gray Reference number: NCS S 1002-B

CFIT BOX

PART CODE: CFIT-C48D4LHXVZ
DESIGNED BY CHARLES INDUSTRIES



PRODUCT SPECIFICATIONS

TECHNICAL SPECIFICATIONS	
HEIGHT (PANEL ONLY)	15 in.
DEPTH, BASE (FRONT TO BACK)	5.5 in.
WIDTH	12 in.
WEIGHT	4 lbs.
CONSTRUCTION	RUGGED UL94-5VA GRAY POLYCARBONATE
SUPPORTED FIBER CONNECTOR TYPES	SC, LC or MPO
COMPLIANCE	DESIGNED TO MEET GR-950, GR2898, NEMA 4, IP66
SPLICING CAPACITY	UP TO THREE (3) 4"x6" HINGED SPLICE TRAYS ON FEED FIBER SIDE.
BULKHEAD CAPACITY	24 SC ADAPTERS

PREPARED FOR:



PREPARED BY:

TeleCAD
Wireless

1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
1	05/28/20	JCJ	CONSTRUCTION ISSUE
0	01/31/20	CDM	CONSTRUCTION ISSUE
A	01/27/20	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION

ENGINEER'S STAMP:

STATE OF MICHIGAN
STEPHEN E. HUNT
ENGINEER
No. 6201054169
28-20
LICENSED PROFESSIONAL ENGINEER

NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:	45526
ADDRESS:	301 W MICHIGAN AVE YPSILANTI, MI 48197
COUNTY:	WASHTENAW
LATITUDE:	42° 14' 23.417" N
LONGITUDE:	83° 37' 0.070" W
DESIGN TYPE:	COLOCATION

EQUIPMENT DETAILS	
DRAWING NO.	REVISION:
C5	1

ELECTRICAL NOTES:

- 1. PROVIDE AND INSTALL WARNING TAPE FOR ELECTRIC SERVICE CONDUIT 18" ABOVE CONDUITS.
- 2. CONTRACTOR TO PAY FOR THE SERVICE AS DIRECTED BY THE MUNICIPALITY.
- 3. CONTRACTOR TO USE PVC SCH 80 CONDUIT WHERE CONDUITS CROSS ACCESS ROADS.
- 4. CONTRACTOR SHALL COORDINATE WITH ELECTRIC COMPANY FOR SERVICES.
- 5. CONTRACTOR TO PAY ALL FEES FOR SERVICES REQUIRED.
- 6. CONTRACTOR TO BE ADVISED THAT EXISTING UNDERGROUND CONDUITS, GROUND CABLES EXIST. DIG WITH CAUTION.
- 7. CONTRACTOR TO VERIFY POWER AND TELCO LB LOCATIONS AND FLEX CONDUIT SIZE AND ROUTING TO THE EQUIPMENT WITH MANUFACTURER'S DRAWINGS.
- 8. OPEN CUT CONSTRUCTION THROUGH EXISTING PAVEMENT, I.E. ROADWAYS, PARKING AREAS, SIDEWALKS WILL NOT BE ALLOWED. CONSTRUCTION UNDER EXISTING PAVEMENTS WILL BE REQUIRED TO BE INSTALLED WITH DIRECTIONAL BORING TECHNIQUE.

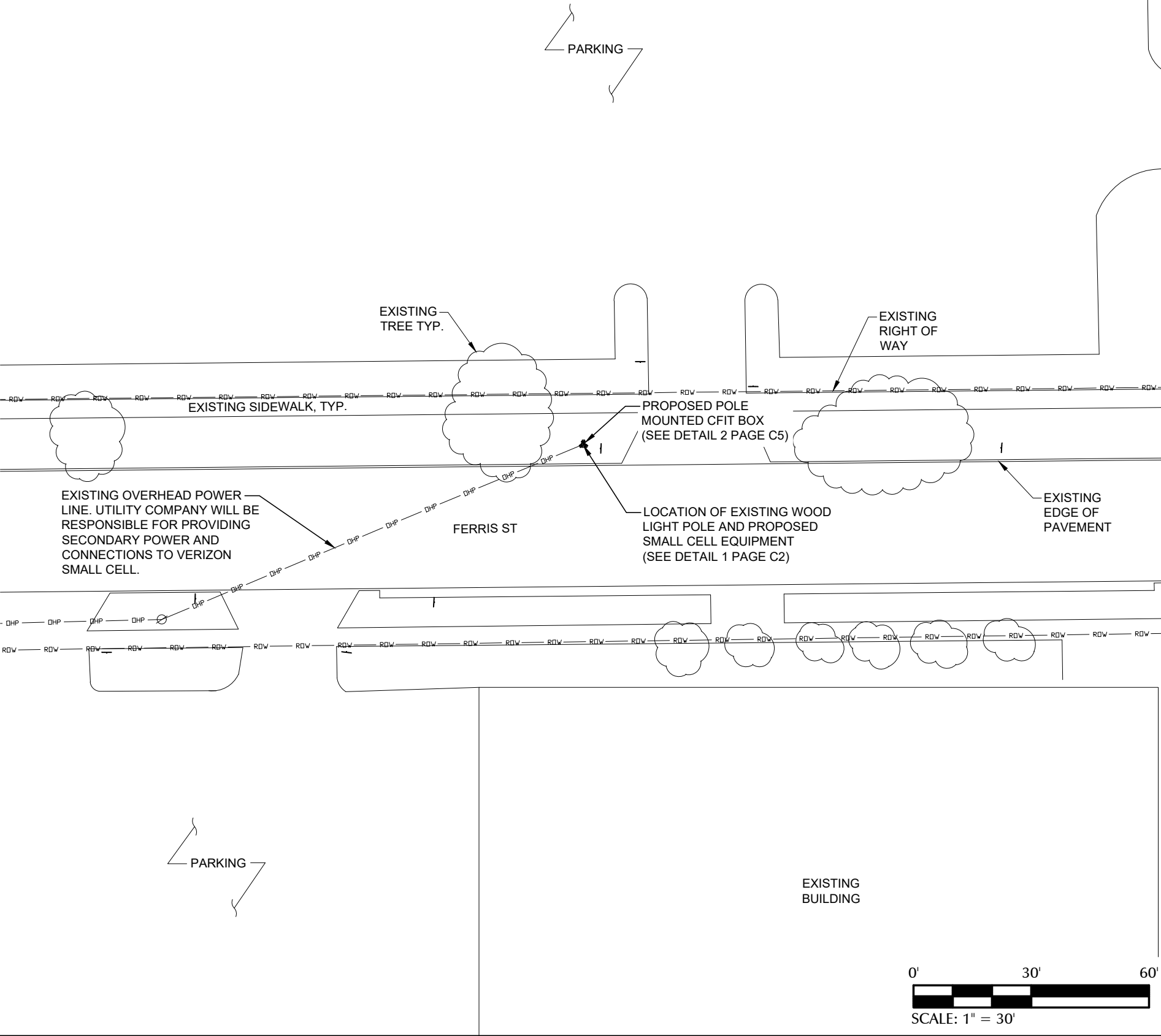
UTILITY NOTES:

- 1. ALL POWER CONDUITS ABOVE GRADE, SWEEPS, & ELBOWS TO BE PVC SCH 40.

STANDARD POWER SUPPLY FOR THE SMALL CELL NODES IS A 100 AMP 120/240 VOLT SINGLE PHASE SERVICE

SERVICE CONDUCTOR MAXIMUM DISTANCE CHART (BASED ON 80 AMP MAX. CONTINUOUS LOAD)			
WIRE SIZE	ALUMINUM 120V	COPPER 120V	CONDUIT SIZE
3 AWG	55'	90'	1" MIN
2 AWG	70'	115'	1 1/4" MIN
1 AWG	85'	145'	1 1/4" MIN
1/0 AWG	110'	180'	1 1/2" MIN
2/0 AWG	140'	230'	1 1/2" MIN
3/0 AWG	175'	290'	2" MIN
4/0 AWG	220'	365'	2" MIN
250 KCMIL	265'	435'	2" MIN
300 KCMIL	315'	520'	2 1/2" MIN
350 KCMIL	370'	610'	2 1/2" MIN
400 KCMIL	420'	695'	2 1/2" MIN
500 KCMIL	530'	870'	3" MIN

LEGEND			
OVERHEAD UTILITIES	DHU	CATCH BASIN	Grid Symbol
UNDERGROUND POWER	UGP	STREET SIGN	Horizontal Line
OVERHEAD POWER	DHP	4 WAY STREET SIGN	Plus Symbol
UNDERGROUND TELCO	UGT	UTILITY POLE	Circle with X
OVERHEAD TELCO	DHT	LIGHT POLE	Circle with Dot
GAS LINE	GAS	WATER VALVE	Valve Symbol
FENCE	X-X-X-X-X-X	MANHOLE	M in Circle
WOOD FENCE	O-O-O-O-O-O	GAS VALVE	G in Circle
SEWER LINE	SWR	FIRE HYDRANT	Hydrant Symbol
WATER LINE	VTR	TELCO PEDESTAL	T in Square
HYBRID CABLE	HYB	ELECTRICAL BOX	E in Square
HIGH VOLTAGE POWER	HVP		
FIBER	FBR		
RIGHT-OF-WAY	RDW		
PROPERTY LINE	PL		



PREPARED FOR:

verizon

PREPARED BY:

TeleCAD Wireless

1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
1	05/28/20	JCJ	CONSTRUCTION ISSUE
0	01/31/20	CDM	CONSTRUCTION ISSUE
A	01/27/20	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION

ENGINEER'S STAMP:

STATE OF MICHIGAN

STEPHEN E. HUNT
ENGINEER
No. 6201054169

LICENSED PROFESSIONAL ENGINEER

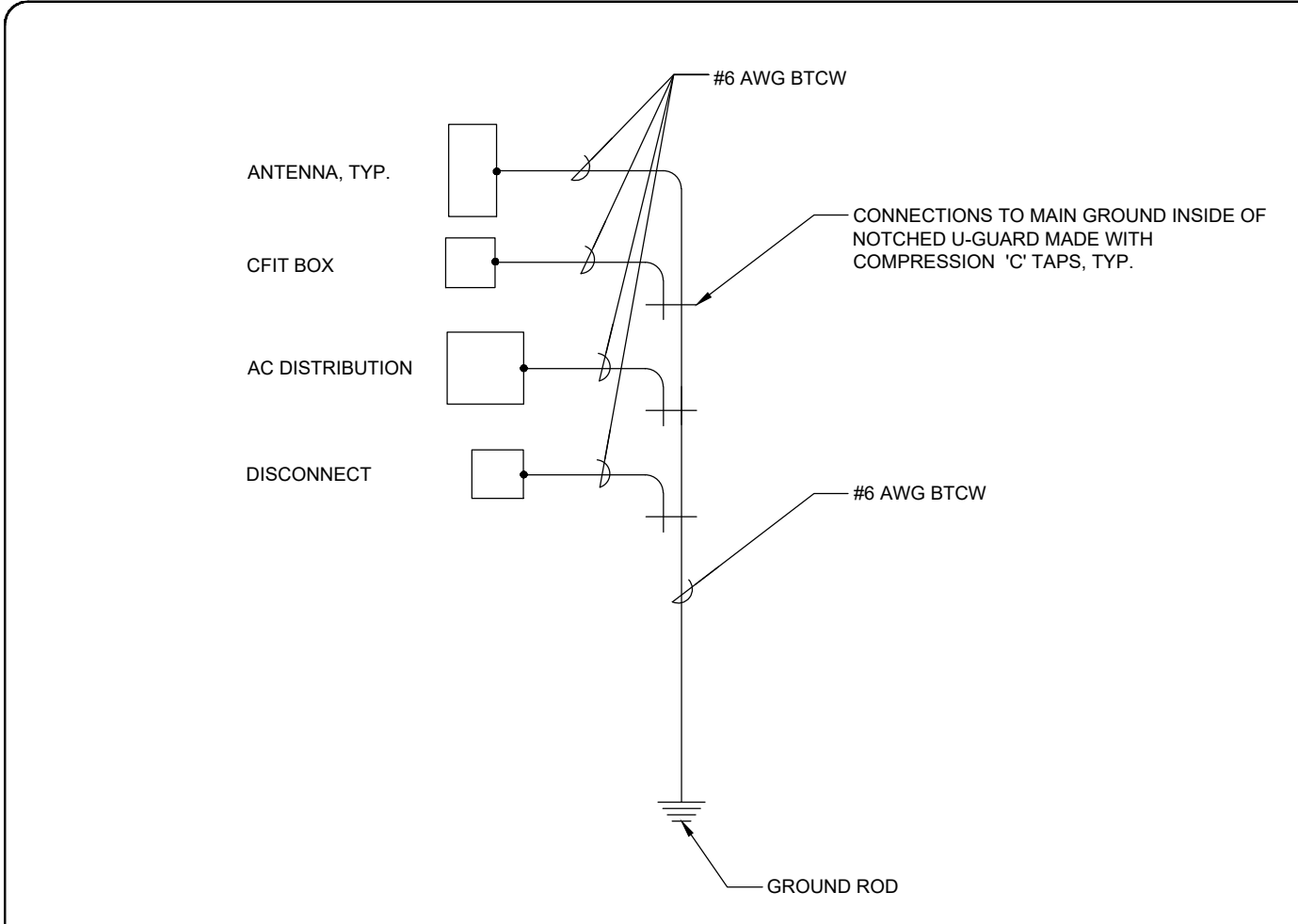
NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:	45526
ADDRESS:	301 W MICHIGAN AVE YPSILANTI, MI 48197
COUNTY:	WASHTENAW
LATITUDE:	42° 14' 23.417" N
LONGITUDE:	83° 37' 0.070" W
DESIGN TYPE:	COLOCATION

SHEET TITLE:

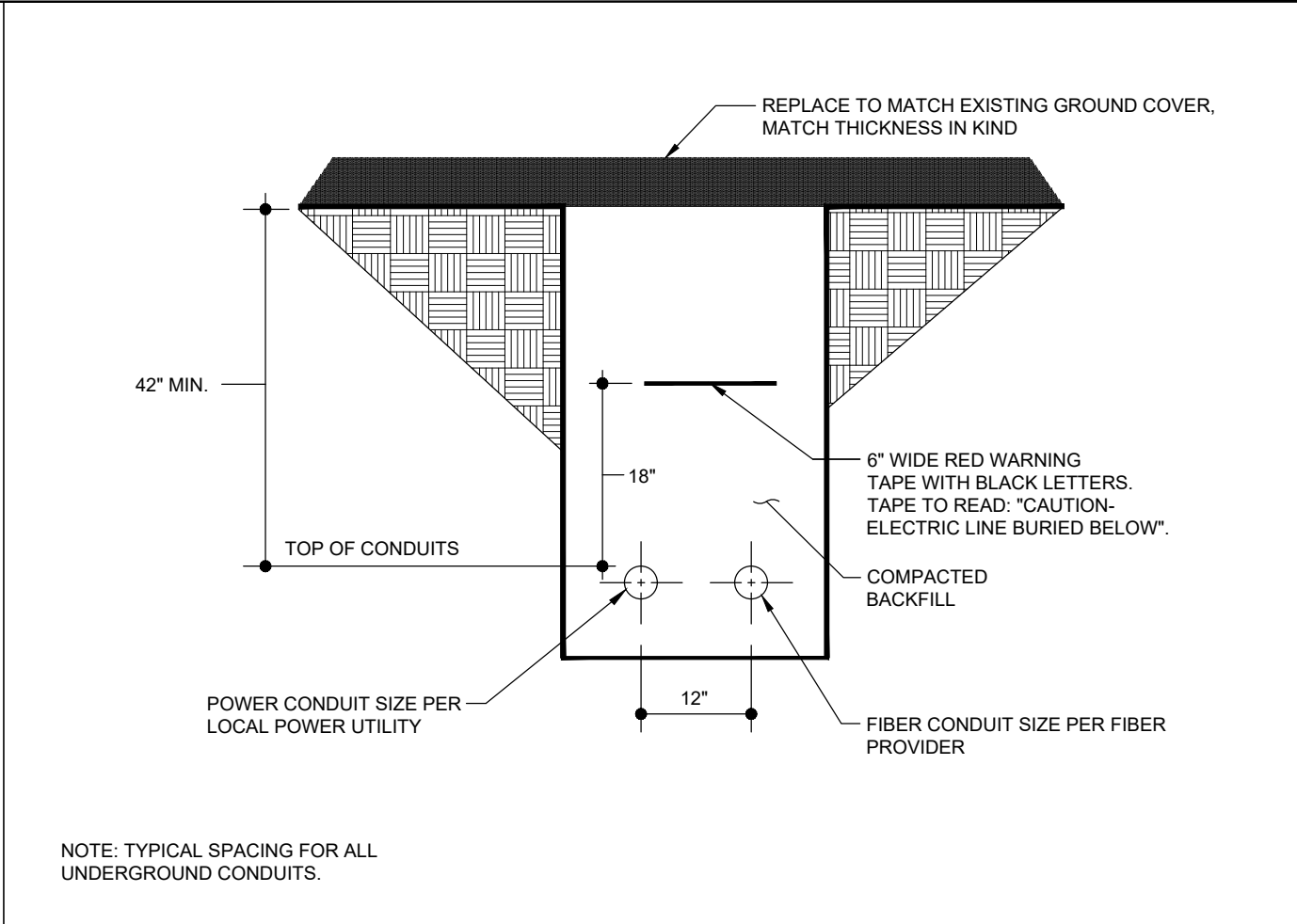
UTILITY SITE PLAN

DRAWING NO.	REVISION:
E1	1



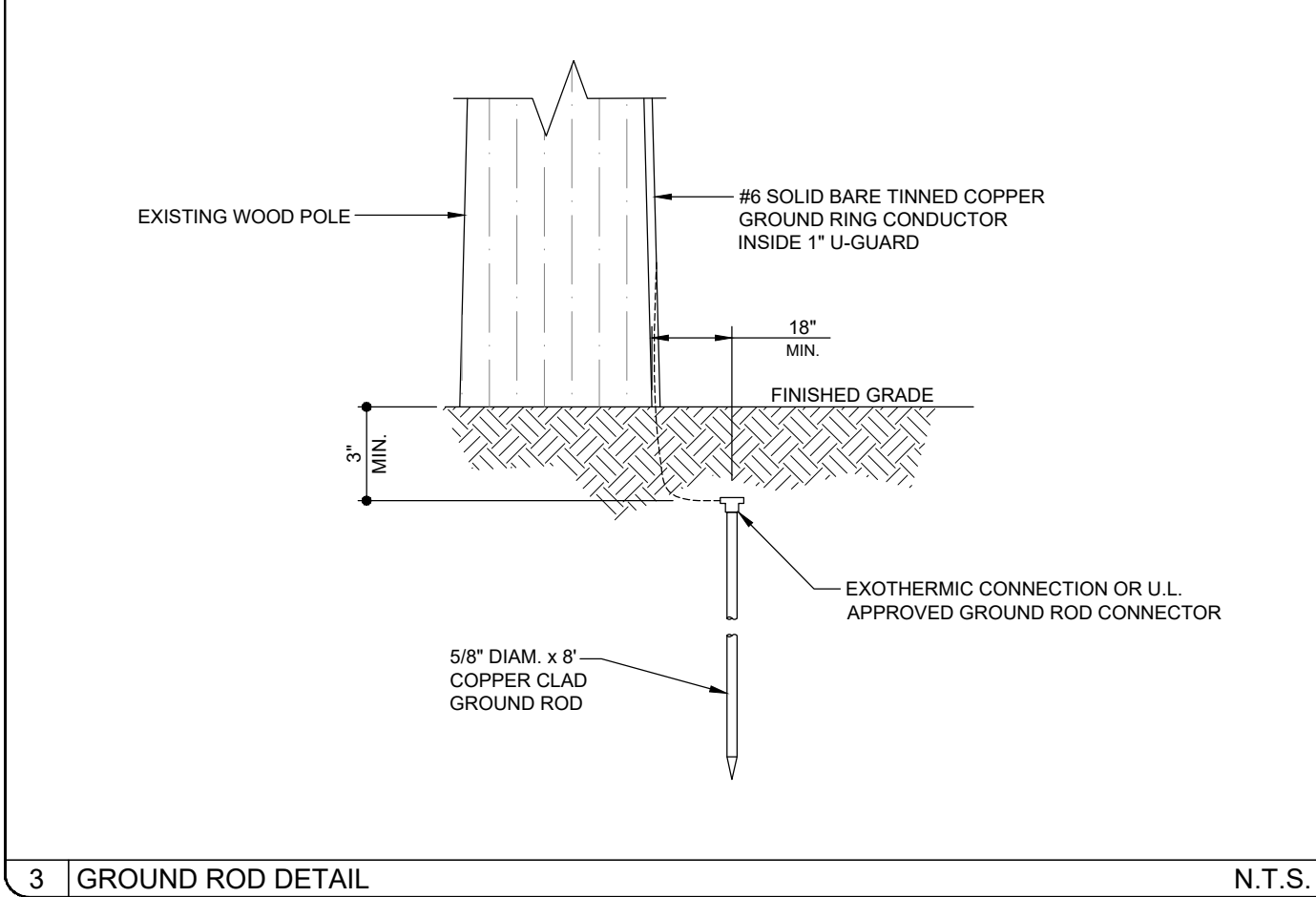
1 SINGLE POINT RADIAL GROUND DETAIL

N.T.S.



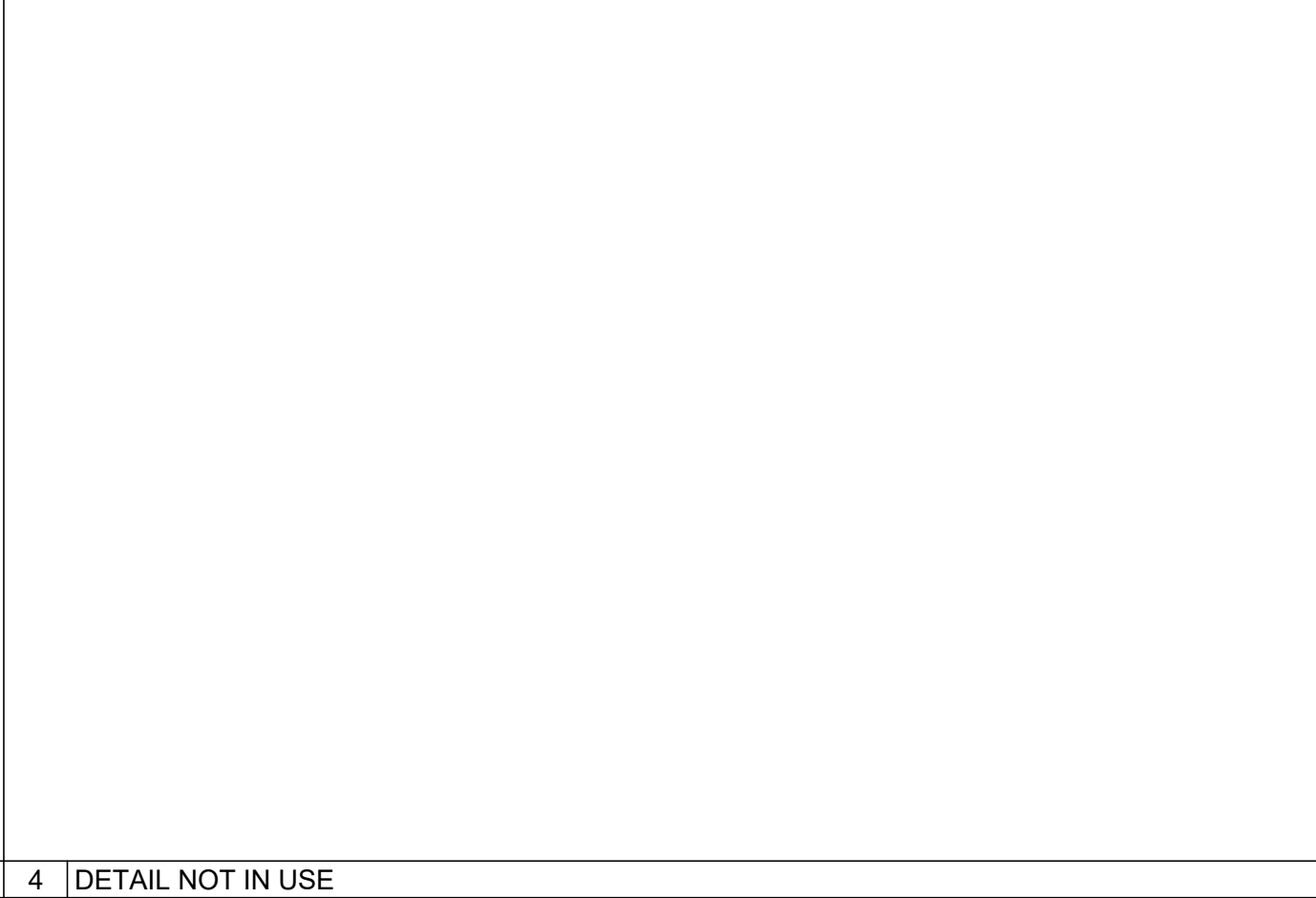
2 TRENCH DETAIL (IF REQUIRED)

N.T.S.



3 GROUND ROD DETAIL

N.T.S.



4 DETAIL NOT IN USE

PREPARED FOR:

verizon

PREPARED BY:

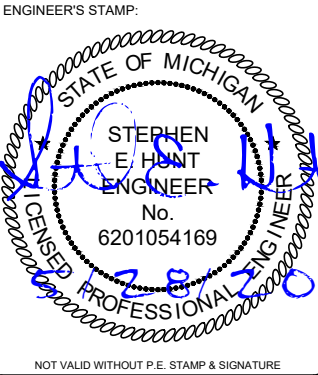
TeleCAD
Wireless

1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF
DOCUMENTS IS PROPRIETARY BY NATURE.
ANY USE OR DISCLOSURE OTHER THAN THAT
WHICH RELATES TO THE CLIENT IS STRICTLY
PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS				
1	05/28/20	JCJ	CONSTRUCTION ISSUE	
0	01/31/20	CDM	CONSTRUCTION ISSUE	
A	01/27/20	LA	PRELIMINARY REVIEW	
NO.	DATE	BY	DESCRIPTION	

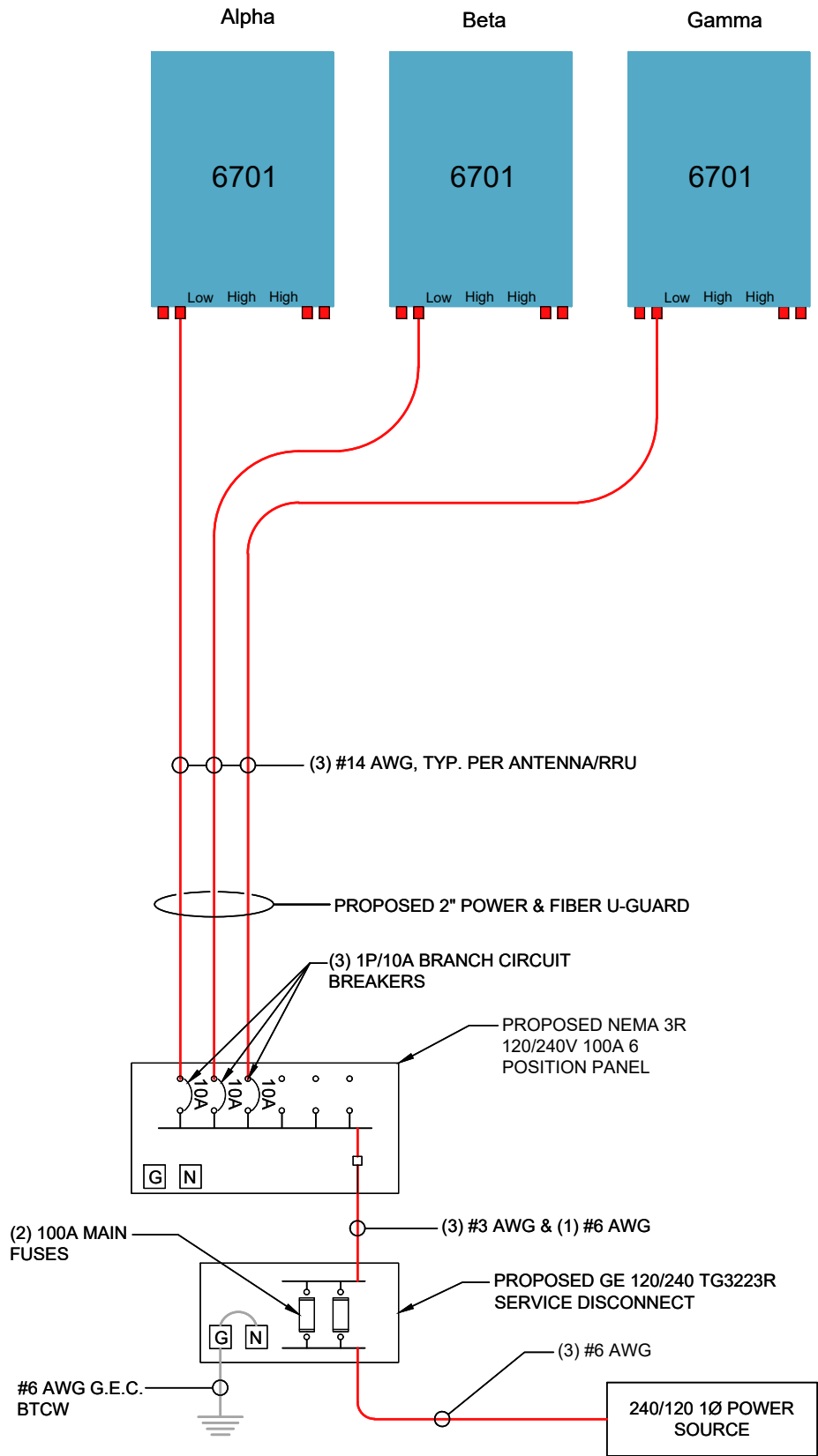


SITE NAME:	45526
ADDRESS:	301 W MICHIGAN AVE YPSILANTI, MI 48197
COUNTY:	WASHTENAW
LATITUDE:	42° 14' 23.417" N
LONGITUDE:	83° 37' 0.070" W
DESIGN TYPE:	COLOCATION

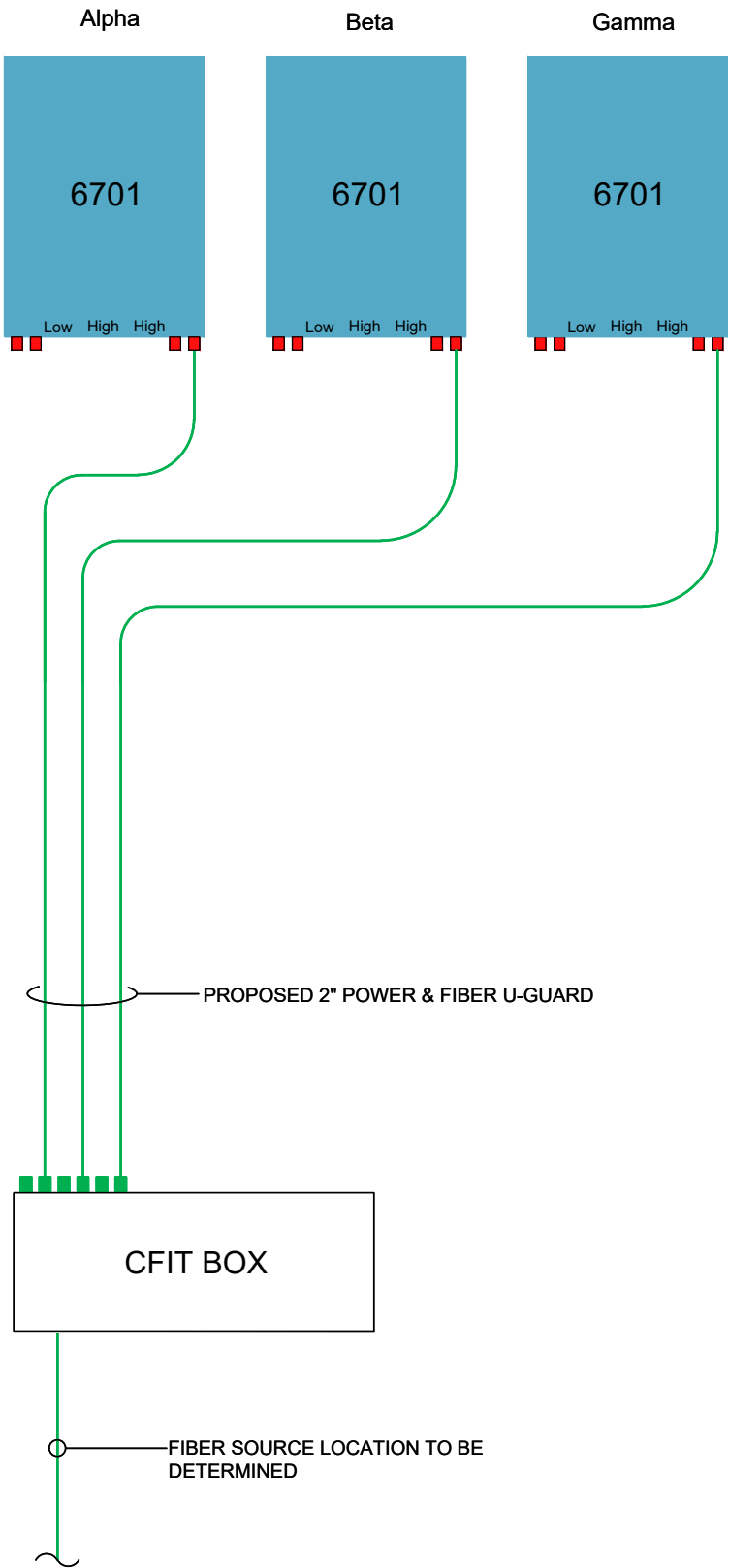
SHEET TITLE:
ELECTRICAL DETAILS

DRAWING NO. E2	REVISION: 1
--------------------------	-----------------------

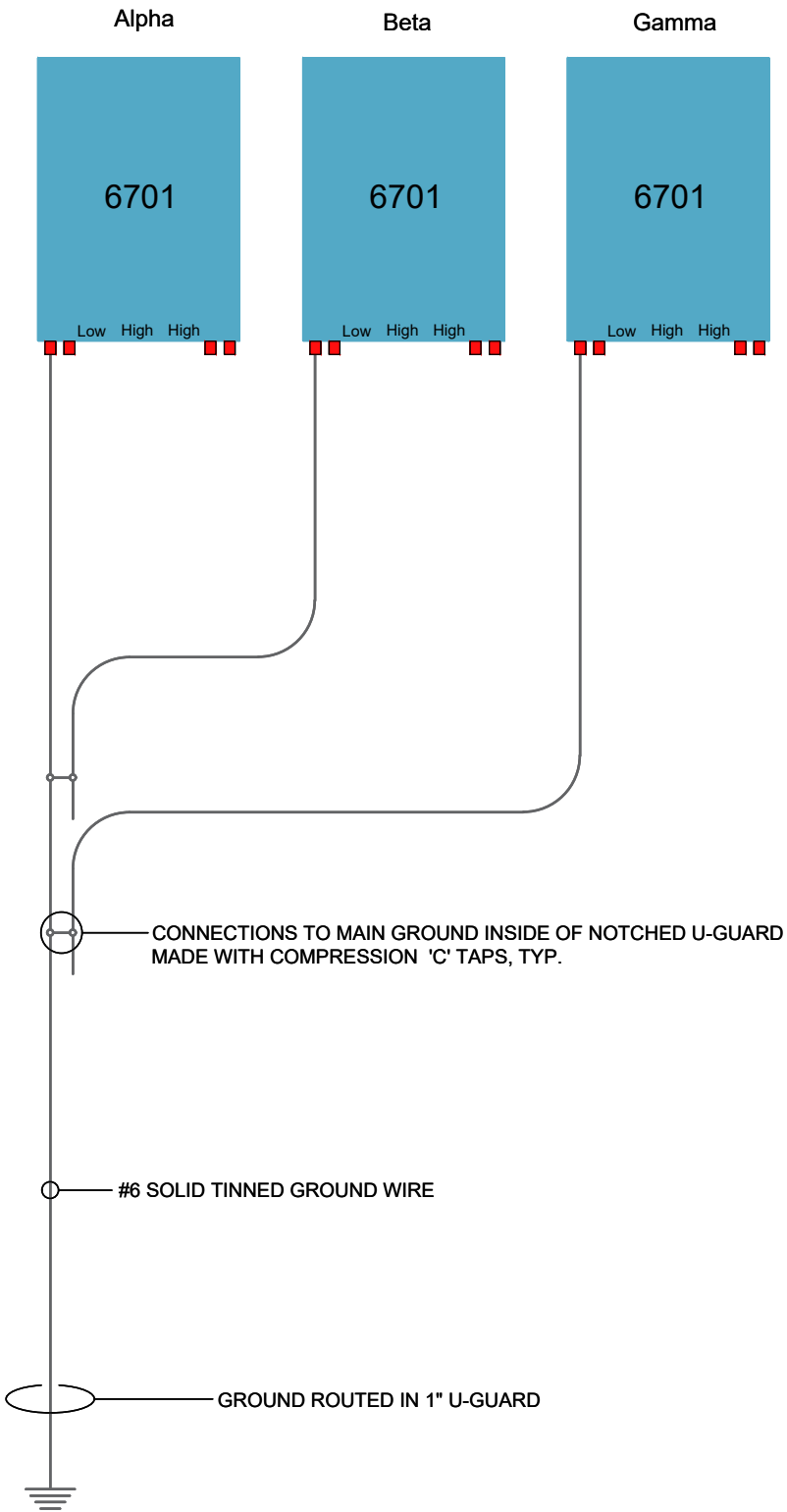
POWER ROUTING



FIBER ROUTING



GROUND ROUTING



PREPARED FOR:



PREPARED BY:

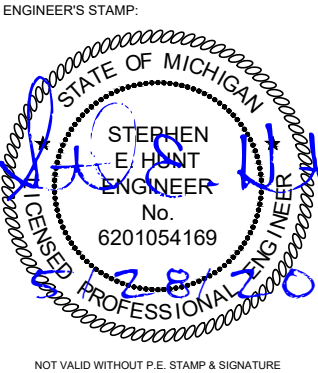


1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF
DOCUMENTS IS PROPRIETARY BY NATURE.
ANY USE OR DISCLOSURE OTHER THAN THAT
WHICH RELATES TO THE CLIENT IS STRICTLY
PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
1	05/28/20	JCJ	CONSTRUCTION ISSUE
0	01/31/20	CDM	CONSTRUCTION ISSUE
A	01/27/20	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION



SITE NAME:	45526
ADDRESS:	301 W MICHIGAN AVE YPSILANTI, MI 48197
COUNTY:	WASHTENAW
LATITUDE:	42° 14' 23.417" N
LONGITUDE:	83° 37' 0.070" W
DESIGN TYPE:	COLOCATION

SHEET TITLE:
SINGLE LINE DIAGRAM

DRAWING NO. E3	REVISION: 1
-------------------	----------------



Facing northeast to existing light pole.



Facing east from light pole.



Facing southeast from light pole.



Facing northeast from light pole.



HDC Work Permit Staff Review

Property address: 401 N Adams (302 W Cross)

Property History: The proposed work is in the right-of-way at the northwest corner of N Adams and W Cross. The applicant lists the address as 401 N Adams, however the adjacent property is 302 W Cross.

The property at 302 W Cross includes a Gothic Revival-style house that is believed to have been built in the 1850s by Erastus Samson. Mr. Samson also owned a drug store downtown at 118 W Michigan, a building that is also Gothic Revival. The house is contributing to the historic district.

Date of Application: February 7, 2020

Date of Review: February 18, 2020

Date of Meeting: February 25, 2020

Proposed work: Small cell communication system.

Materials: Wood pole, antennas, power boxes, fiber boxes.

Staff review:

1. The application is to install a communication antenna atop an existing DTE light pole.
 - a. The added communication features will extend the pole to 38'-6" from ground to top.
 - b. The pole will be surmounted by a small cell communication feature, consisting of three antennas.
 - c. A caution sign will be placed between the light fixture and antennas.
 - d. Various connection boxes will be placed 10' above ground level.
2. Staff spoke with a SHPO reviewer in February regarding a similar installation on N Hamilton Street. They said that these new colocation antennas are much smaller than earlier installations and appear to have minimal impact on historic resources.

1. Use property for original purpose or provide compatible use with minimal alteration.

2. Do not destroy original character. Do not remove or alter historic material or features.

3. Do not imitate earlier styles.

4. Preserve significant changes acquired over time.

5. Preserve distinctive features.

6. Repair, don't replace. Replacements shall match original.

7. Clean building gently—no sandblasting.

8. Preserve archaeological resources.

9. Contemporary designs shall be compatible and shall not destroy significant original material.

10. New work shall be removable.

Recommended Motions:

Move to approve and issue a certificate of appropriateness for the work at 401 N Adams as submitted in the application, dated December 1, 2020, for modification of an existing light pole to include the features in submitted drawings, including antennas, signage, and connection boxes.

Relevant Secretary of the Interior's Standards:
#10

Prepared by:
Scott E. Slagor, Preservation Planner



**City of Ypsilanti
Historic District Commission
Work Permit Application**

One South Huron • Ypsilanti, MI 48197
Phone: (734) 483-9646 • Fax: (734) 483-7260
www.cityofypsilanti.com

OFFICE USE ONLY

Date Filed:

Meeting Date:

Action Item/Study Item

To complete this application:

1. Complete this form.
2. Attach the following documents:
 - a. Photo(s) showing all locations where work is proposed (can be emailed).
 - b. Catalog cut sheets or similar details for windows, doors, light fixtures, and any other manufactured or preassembled components—this includes information from catalogues, professional quotes, or websites (can be emailed).
 - c. Dimensioned drawings of any new construction or modifications to existing structures, including awnings and signs.
 - d. A sketch plan, if proposal is for work on the grounds and not just the main structure (e.g., installing a new driveway, fence, or shed). This can be drawn on a scaled copy of a mortgage survey.
3. Applications and materials must be received by the Building Department **no later** than 4pm on the Tuesday one week prior to the meeting.

INCOMPLETE APPLICATIONS WILL NOT BE PLACED ON THE AGENDA

Property

Address

401 North Adams St.

Applicant

**If applicant is not owner of property, a written statement from the owner authorizing this application must be included.*

Name

Verizon Wireless - David Haslinger

Address

City

Southfield

State

MI

Zip

48075

Phone / Fax

E-Mail

Contractor

Contractor Name & Contact Info

Type of work

☐ Roofing

☐ Window/Door
Replacement

☐ Porches

☐ Sign

☐ Fence (or other sitework)

☐ Painting

☒ Other

☐ Application Amendment

Complete Description of Proposed Work:

Verizon is proposing small cell equipment on an existing DTE Pole.

Materials (for paint include color chips or samples with application):**Permit Application Fee (action items only)**

The fee is \$45 for the first \$3,000 in construction cost plus \$5 for every additional \$3,000 of construction cost. There is a flat fee of \$10 for painting only. *An additional fee of \$50 applies to HDC work started without the applicable permit.*

Construction Cost:

Permit fee:

\$45 + _____ =

Signature

I hereby attest that the above information is accurate. I am authorized to and grant permission to the City of Ypsilanti staff to be on the subject property for the purposes of preparing staff reports and/or evaluating this application.

I further affirm that this property has, or will have before the proposed work is completed, a fire alarm system or smoke alarm complying with the Stille-DeRossett-Hale single-state construction code, PA 230 of 1972, as amended.

Signature:



Date:

12-01-2020

Print Name:

David Haslinger

If you have questions about what the HDC generally permits or does not permit, or what they need to see in an application to render a decision, please call the office at 734-483-9646 or view our factsheets online at cityofypsilanti.com/hd.

All other necessary approvals and permits must be acquired before beginning work.



**City of Ypsilanti
Historic District Commission
Work Permit Application
Check List**

Is your application complete?!
Do you have the following?

For painting projects:

- ✓ A detailed description of what you will be painting (trim, siding, deck, etc.)
- ✓ A list of all the materials you plan to use (paint brands, color names, etc.)
- ✓ Color chips or samples of the proposed paint colors
- ✓ Photographs of the property
- ✓ A description of how you plan to prep your surfaces for new paint (the HDC does not allow power washing or sand blasting)

For window projects:

- ✓ A detailed description of your plans for the windows—are you replacing them entirely? Just the sash kits?
- ✓ A cut sheet, catalogue sheet, or print-out with a photo of the proposed window, its dimensions and its materials (vinyl windows are generally not permitted in the district)
- ✓ Photographs of the existing windows showing their deterioration or lack of functionality

For roofing projects:

- ✓ A detailed description of the proposed roof work (Removing existing shingles? Replacing entire roof or portions?)
- ✓ Information about your plans for venting (can vents are generally not permitted in the district)
- ✓ Plans for the flashing and drip edge—what color will they be?
- ✓ Brand name and style of proposed new roofing—include a cut sheet, catalogue sheet, or print-out with details about proposed shingles
- ✓ Color of the new shingles

For all other projects:

- ✓ A detailed description of the proposed work
- ✓ A list of all materials to be used in proposed work
- ✓ Samples or chips of any paint or stain
- ✓ A site plan for any application involving the installation of something on the site (fencing, out buildings, major landscaping, etc.)
- ✓ Cut-sheets, catalogue sheets, or print-outs with details on any materials you are using (like composite wood materials, solar panels, siding, shingles, alternative materials, or anything with specific dimensions)

For fencing projects:

- ✓ Site plan or drawing of lot showing placement of fence in relation to buildings/property
- ✓ Proposed fencing material and style
- ✓ Color chip or sample of proposed paint or stain (wood must be finished with an opaque stain or paint)

Without this required information, your application will be considered incomplete and will not be added to the agenda until the necessary information is received.



February 20, 2020

Scott Hubble
Verizon Wireless

[REDACTED]
Southfield, MI 48075

DTE is working with Verizon Wireless to facilitate the installation of their communication fiber, small wireless communications equipment, associated antennas and transmission cables on DTE owned poles located on public or private right of ways within Washtenaw County, Michigan (excluding steel, aluminum, fiberglass streetlight or ornamental poles).

This letter serves as notification for Verizon submissions as described above within the jurisdiction.

DTE is currently in an agreement with Verizon Wireless to provide joint use space on DTE owned assets that meet internal requirements. The full details of this agreement are protected under a mutual non-disclosure agreement.

Please call me if you have any questions regarding this letter.

Sincerely,

[REDACTED]
Aaron Belanger
Principal Supervisor
DTE / Marketing / Joint Use
(313)235-7267

GENERAL NOTES

1. THESE NOTES SHALL BE CONSIDERED A PART OF THE WRITTEN SPECIFICATIONS.
2. THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED IN THE CONTRACT DOCUMENTS.
3. PRIOR TO THE SUBMISSION OF BIDS, THE CONTRACTOR(S) SHALL VISIT THE JOB SITE(S) AND BE RESPONSIBLE FOR ALL CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS AND CONFIRMING THAT THE WORK MAY BE ACCOMPLISHED PER THE CONTRACT DOCUMENTS. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE IMPLEMENTATION ENGINEER AND ARCHITECT/ENGINEER.
4. THE CONTRACTOR SHALL RECEIVE WRITTEN AUTHORIZATION TO PROCEED ON ANY WORK NOT CLEARLY DEFINED OR IDENTIFIED IN THE CONSTRUCTION DOCUMENTS BEFORE STARTING ANY WORK.
5. ALL WORK PERFORMED AND MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES INCLUDING APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS.
6. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH THE MANUFACTURER RECOMMENDATIONS. IF THESE RECOMMENDATIONS ARE IN CONFLICT WITH THE CONTRACT DOCUMENTS AND/OR APPLICABLE CODES OR REGULATIONS, REVIEW THE CONFLICT FOR DIRECTION WITH THE IMPLEMENTATION ENGINEER AND ARCHITECT/ENGINEER PRIOR TO PROCEEDING.
7. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES AND FOR COORDINATION OF ALL PORTIONS OF THE WORK UNDER THE CONTRACT INCLUDING CONTACT AND COORDINATION WITH THE IMPLEMENTATION TEAM AND WITH THE AUTHORIZED REPRESENTATIVE OF ANY OUTSIDE POLE OR PROPERTY OWNER. (BASE COMMANDER OR AUTHORIZED AGENT)
8. THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, PAVING, CURBS, VEGETATION, GALVANIZED SURFACE OR OTHER EXISTING ELEMENTS AND UPON COMPLETION OF THE WORK, REPAIR ANY DAMAGE THAT OCCURRED DURING CONSTRUCTION TO THE SATISFACTION OF EXTENT.
9. KEEP THE GENERAL AREA CLEAN, HAZARD FREE AND DISPOSE OF ALL DIRT, DEBRIS, RUBBISH AND REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY. LEAVE PREMISES IN CLEAN CONDITION DAILY.
10. PLANS ARE INTENDED TO BE DIAGRAMMATIC ONLY AND SHOULD NOT BE SCALED UNLESS OTHERWISE NOTED. RELY ONLY ON ANNOTATED DIMENSIONS AND REQUEST INFORMATION IF ADDITIONAL DIMENSIONS ARE REQUIRED.
11. THE EXISTENCE AND LOCATION OF UTILITIES AND OTHER AGENCY'S FACILITIES ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. OTHER FACILITIES MAY EXIST BEYOND WHAT IS NOTED. CONTRACTOR SHALL VERIFY LOCATIONS PRIOR TO START OF CONSTRUCTION AND USE EXTREME CARE AND PROTECTIVE MEASURES TO PREVENT DAMAGE TO THESE FACILITIES. CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF UTILITIES OR OTHER AGENCY'S FACILITIES WITHIN THE LIMITS OF THE WORK, WHETHER THEY ARE IDENTIFIED IN THE CONTRACT DOCUMENTS OR NOT.
12. ALL MOUNTING HARDWARE SUCH AS BOLTS, NUTS, LAG SCREWS, CLEVIS, CONDUIT STRAPS, STAPLES, (ANYTHING EXPOSED AND CONNECTING EQUIPMENT TO THE POLE SHALL BE HOT DIPPED GALVANIZED, UNLESS OTHERWISE STATED)

DEFINITIONS

1. "TYPICAL" OR "TYP." MEANS THAT THIS ITEM IS VIRTUALLY IDENTICAL ACROSS SIMILAR CONDITIONS. "TYP." SHALL BE UNDERSTOOD TO MEAN "TYPICAL WHERE OCCURS" AND SHALL NOT BE CONSIDERED AS WITHOUT EXCEPTION OR CONSIDERATION OF SPECIFIC CONDITIONS.
2. "SIMILAR" MEANS COMPARABLE TO CHARACTERISTICS FOR CONDITION NOTED. VERIFY DIMENSIONS AND ORIENTATION ON PLAN.
3. "AS REQUIRED" MEANS AS REQUIRED BY REGULATORY REQUIREMENTS BY REFERENCED STANDARDS, BY EXISTING CONDITIONS, BY GENERALLY ACCEPTED CONSTRUCTION PRACTICE OR BY THE CONTRACT DOCUMENTS.
4. "ALIGN" MEANS ACCURATELY LOCATE FINISH FACES OF MATERIALS IN THE SAME PLANE.
5. THE TERM "VERIFY" OR "V.I.F" SHALL BE UNDERSTOOD TO MEAN VERIFY IN FIELD WITH ARCHITECT AND REQUIRES THAT THE CONTRACTOR CONFIRM INTENTION REGARDING NOTED CONDITION AND PROCEED ONLY AFTER RECEIVING DIRECTION.
6. WHERE THE WORDS "OR EQUAL" OR WORDS OF SIMILAR INTENT FOLLOW A MATERIAL SPECIFICATION, THEY SHALL BE UNDERSTOOD TO REQUIRE SIGNED APPROVAL OF ANY DEVIATION TO SAID SPECIFICATION PRIOR TO CONTRACTOR'S ORDERING OR INSTALLATION OF SUCH PROPOSED EQUAL PRODUCT.
7. FURNISH: SUPPLY ONLY, OTHERS TO INSTALL. INSTALL: INSTALL ITEMS FURNISHED BY OTHERS. PROVIDE: FURNISH AND INSTALL.

PROJECT SPECIFIC NOTES

1. THIS SET IS PROVIDED TO ILLUSTRATE THE EXPECTED SCOPE OF DRAWINGS, QUALITY OF DRAWINGS AND EXTENT GRAPHIC STANDARDS. NOTES ARE FOR A&E CONTRACTOR REFERENCE TO HELP CLARIFY THE SCOPE. ADDITIONAL DRAWINGS MAY BE REQUIRED TO MEET THE REQUIREMENTS OF A GIVEN BASE. ALL EXAMPLES SHOWN ARE FOR REFERENCE ONLY AND ANY NOTES, DETAILS, CALCULATIONS OR OTHER WORK NEEDS TO BE COMPLETED OR CONFIRMED BY THE CONTRACTOR GENERATING THE DRAWINGS IN CONSTRUCTION DOCUMENTS.
2. THIS SET IS TO BE PRINTED AT 11" x 17". IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONFIRM THIS SIZE IS ACCEPTABLE BY THE BASE AND TO PROVIDE A LARGER STANDARD SIZE IF REQUIRED.
3. IT IS THE RESPONSIBILITY OF THE ENGINEER TO CONFIRM ALL WORK SHOWN IS IN COMPLIANCE WITH BASE AND FEDERAL CODES. DRAWINGS SHOWN WITHIN THIS SET ARE SAMPLES AND MAY NOT REFLECT ALL OF THE REQUIRED ELEMENTS, CLEARANCES OR OTHER ITEMS OF ASSEMBLIES NEEDED TO BE CODE COMPLIANT IN THE PARTICULAR MUNICIPALITY THE NODE IS LOCATED WITHIN.

GROUND CONSTRUCTION NOTES:

1. 120/240V POWER REQUIRED FOR 3-WIRE SERVICE.
2. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH FEDERAL STANDARDS AND REGULATIONS AS WELL AS NEC.
3. CALL MICHIGAN ONE CALL 72 HOURS PRIOR TO EXCAVATING AT (800) 482-7171.
4. ALL LANDSCAPING TO BE RESTORED TO ORIGINAL CONDITION OR BETTER.
5. ALL EQUIPMENT TO BE BONDED.
6. METERING CABINET (IF INSTALLED) REQUIRES 3' CLEARANCE AT DOOR OPENING.

STANDARD GROUNDING NOTES:

1. GROUND TESTED AT 25 OHMS OR LESS.
2. 5/8" x 8' RODS, CAD WELD OR UL LISTED DIRECT BURY CLAMP BELOW GRADE.
3. #6 GROUND AND BOND WIRE.
4. MOLDING, STAPLED EVERY 1' AND AT EACH END.
5. GROUND RODS 18" FROM POLE.

STANDARD CONDUIT NOTES:

1. FOR UNDERGROUND CONDUIT AND ABOVE GRADE RISERS USE SCHEDULE 40.
2. IF DIRECTIONAL BORING PLACE 1-1/4" SDR-11 GRAY CONDUIT FOR UNDERGROUND POWER APPLICATIONS.
3. IF TRENCHING, PLACE PVC SCH 40 CONDUIT PER TABLE ON SHEET E1 FOR UNDERGROUND POWER APPLICATIONS.
4. RISERS TO BE ATTACHED TO POLE WITH STANDARD STRAPS AND LAG SCREWS.
5. RISER STRAPS TO BE INSTALLED EVERY 5'.
6. CONDUIT UNDER 1" MAY BE ATTACHED WITH GROUND WIRE MOLDING STAPLES.
7. ALL CONDUIT WILL BE PROOFED WITH A MANDREL AND EQUIPPED WITH PULL ROPE OR MULE TAPE.

STANDARD TRENCHING NOTES:

1. MAINTAIN 36" MINIMUM COVER FOR ELECTRICAL CONDUIT.
2. MAINTAIN 36" MINIMUM COVER FOR COMMUNICATION CONDUIT.
3. IN STREET SLURRY TO GRADE AND MILL DOWN 1-1/2" FOR AC CAP.
4. IN DIRT SLURRY 18" FROM GRADE AND FILL WITH 95% COMPACTION NATIVE SOIL FOR BALANCE.
5. PLACE WARNING TAPE IN TRENCH 12" ABOVE ALL CONDUITS AND #18 WARNING TAPE ABOVE GROUND EQUIPMENT.

UTILITY POLE CONSTRUCTION NOTES:

1. NO BOLT THREADS TO PROTRUDE MORE THAN 1/2".
2. FILL ALL HOLES LEFT IN POLE FROM REARRANGEMENT OF CLIMBERS.
3. ALL CLIMB STEPS NEXT TO CONDUIT SHALL HAVE EXTENDED STEPS.
4. CABLE NOT TO IMPEDE 15" CLEAR SPACE OFF POLE FACE.
5. 90° SHORT SWEEP UNDER ANTENNA ARM. ALL CABLES MUST ONLY TRANSITION ON THE INSIDE OR BOTTOM OF ARMS (NO CABLE ON TOP OF ARMS).
6. USE CABLE CLAMPS TO SECURE CABLE TO ARMS; PLACE 2" CARRIER ID TAGS ON BOTH SIDE OF ARMS.
7. USE 90° CONNECTOR AT CABLE CONNECTION TO ANTENNAS.
8. USE 1/2" CABLE ON ANTENNAS UNLESS OTHERWISE SPECIFIED.
9. FILL VOID AROUND CABLES AT CONDUIT OPENING WITH FOAM SEALANT TO PREVENT WATER INTRUSION.

VERIZON WIRELESS CONSTRUCTION NOTES:

1. CONTRACTOR IS TO FOLLOW THE MOST CURRENT VZW STANDARDS DOCUMENTS PROVIDED TO COMPLETE THIS INSTALLATION.
2. CONTRACTOR SHALL COMPLETE VZW PROVIDED "SMALL CELL SWEEP REPORT" WITH ALL INFORMATION FILLED IN ACCURATELY AND COMPLETELY.
3. CONTRACTOR TO REFER TO THE MOST CURRENT VZW STANDARDS FOR APPROVED "PIM" TEST EQUIPMENT AND GUIDELINES.
4. CONTRACTOR IS TO USE BATTERY POWERED "PIM" EQUIPMENT TO VALIDATE THE FINAL LOCATION OF THE JUMPER AND ANTENNA ARE FREE OF INTERNAL AND EXTERNAL "PIM" SOURCES.
5. CONTRACTOR SHALL PROVIDE AT LEAST ONE TECHNICAL LEAD THAT IS CERTIFIED AND PROFICIENT IN EXECUTING, INTERPRETING AND RECORDING "PIM" MEASUREMENTS.

PREPARED FOR:



PREPARED BY:

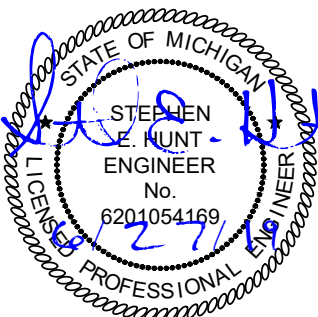


1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION

ENGINEER'S STAMP:

NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:

40214

COUNTY:

WASHTENAW

LATITUDE:

42° 14' 45.24" N

LONGITUDE:

83° 36' 58.14" W

DESIGN TYPE:

COLOCATION

SHEET TITLE:

GENERAL NOTES

DRAWING NO.

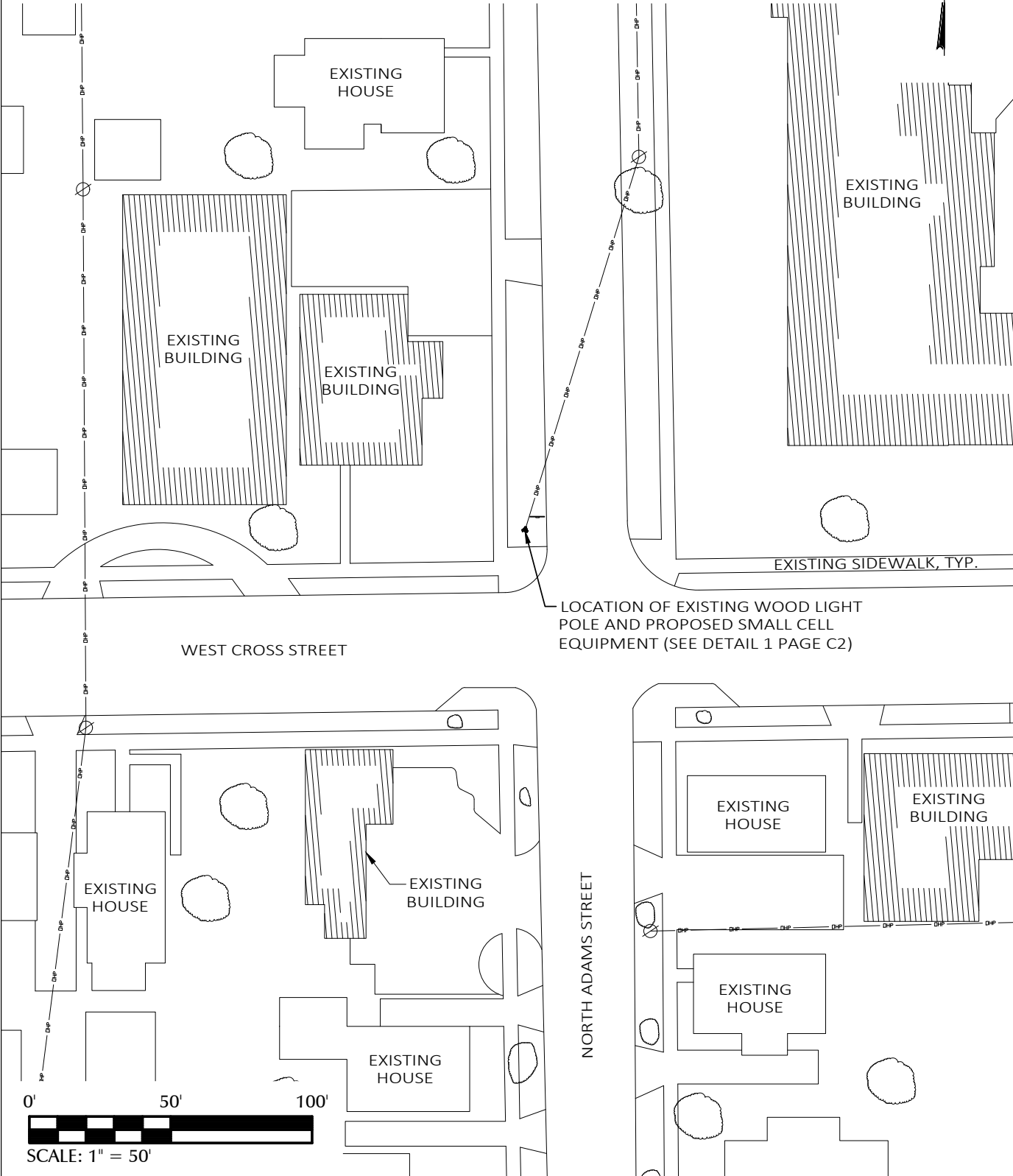
GN1

REVISION:

0

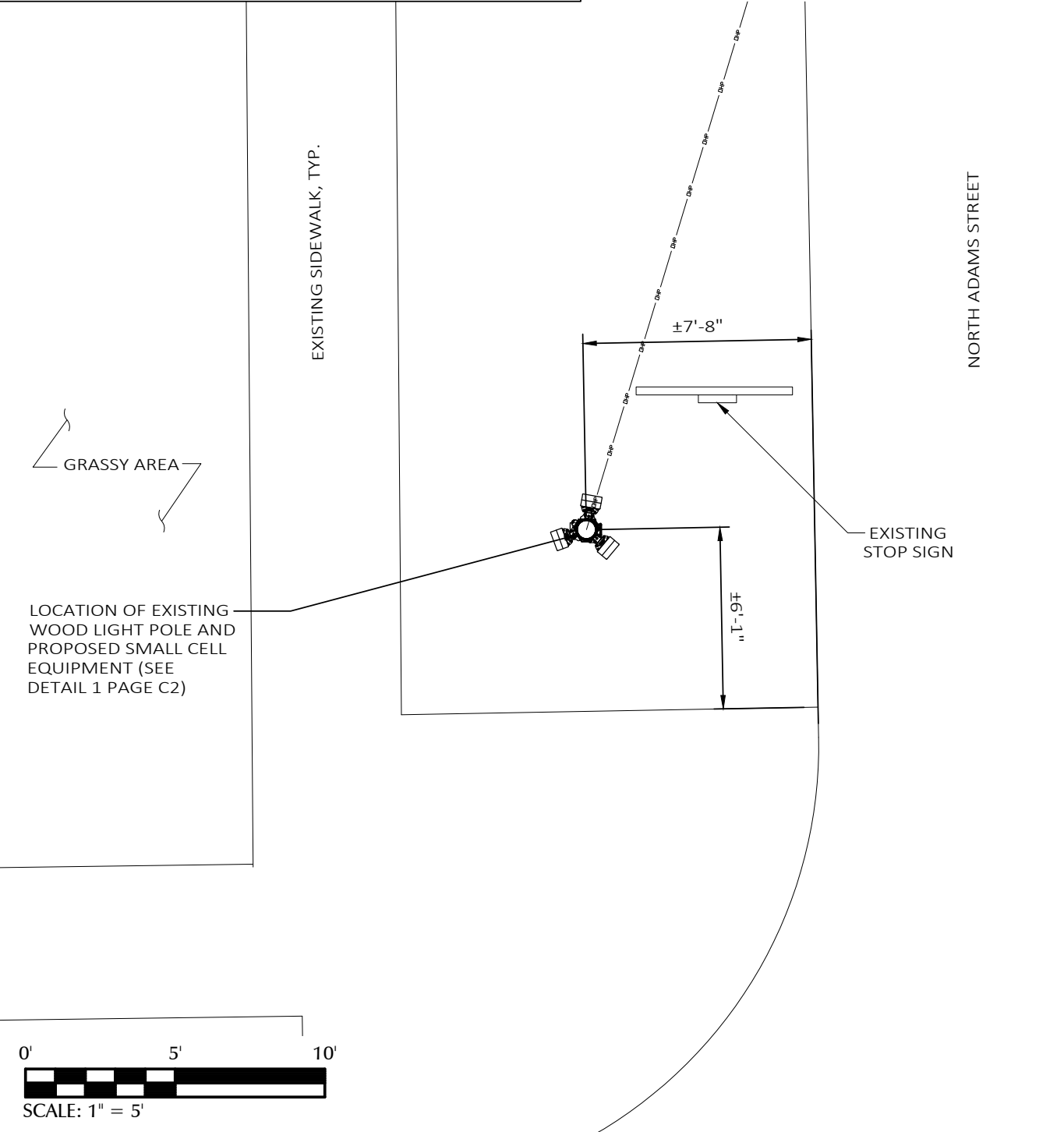
NOTES:

1. THIS DRAWING IS BASED ON AERIAL IMAGERY AND FIELD OBSERVATIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
2. THE PROPOSED USE DOES NOT REQUIRE FULL OR PART TIME EMPLOYEES AT THE SITE.
3. FOR GENERAL SITE WORK NOTES, SEE SHEET GN1.
4. ALL NORTH ARROWS ON SITE PLANS ARE TRUE NORTH, UNLESS OTHERWISE SPECIFIED.
5. OPEN CUT CONSTRUCTION THROUGH EXISTING PAVEMENT, I.E. ROADWAYS, PARKING AREAS, SIDEWALKS WILL NOT BE ALLOWED. CONSTRUCTION UNDER EXISTING PAVEMENTS WILL BE REQUIRED TO BE INSTALLED WITH DIRECTIONAL BORING TECHNIQUE.



1 OVERALL SITE LAYOUT

LEGEND			
UNDERGROUND POWER	UGP	UGP	
OVERHEAD POWER	DHP	DHP	
OVERHEAD UTILITIES	DHU	DHU	
UNDERGROUND TELCO	UGT	UGT	
OVERHEAD TELCO	DHT	DHT	
GAS LINE	GAS	GAS	
FENCE	X	X	
SEWER LINE	SVR	SVR	
WATER LINE	VTR	VTR	
COAX CABLE	C	C	
HYBRID CABLE	HYB	HYB	
HIGH VOLTAGE POWER	HVP	HVP	
FIBER	FBR	FBR	
RIGHT-OF-WAY	RDW	RDW	
PROPERTY LINE	PL	PL	
EDGE OF PAVEMENT	EDP	EDP	
CATCH BASIN			
IRON PIN SET (IPF) 5/8" REBAR			
IRON PIN FOUND (IPF)			
BENCHMARK			
CONCRETE MON. FOUND			
CONCRETE MON. SET			
UTILITY POLE			
LIGHT POLE			
WATER VALVE			
MANHOLE			
GAS VALVE			
FIRE HYDRANT			
TELCO PEDESTAL			
ELECTRICAL PULL BOX			



2 ENLARGED SITE LAYOUT

PREPARED FOR:



PREPARED BY:



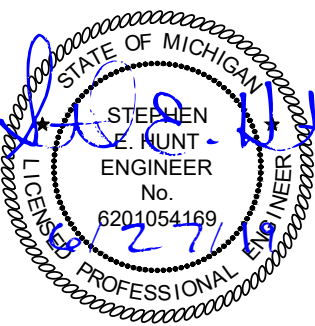
1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION

ENGINEER'S STAMP:



NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:	40214
COUNTY:	WASHTENAW
LATITUDE:	42° 14' 45.24" N
LONGITUDE:	83° 36' 58.14" W
DESIGN TYPE:	COLOCATION
SHEET TITLE:	SITE LAYOUTS
DRAWING NO.	C1
REVISION:	0

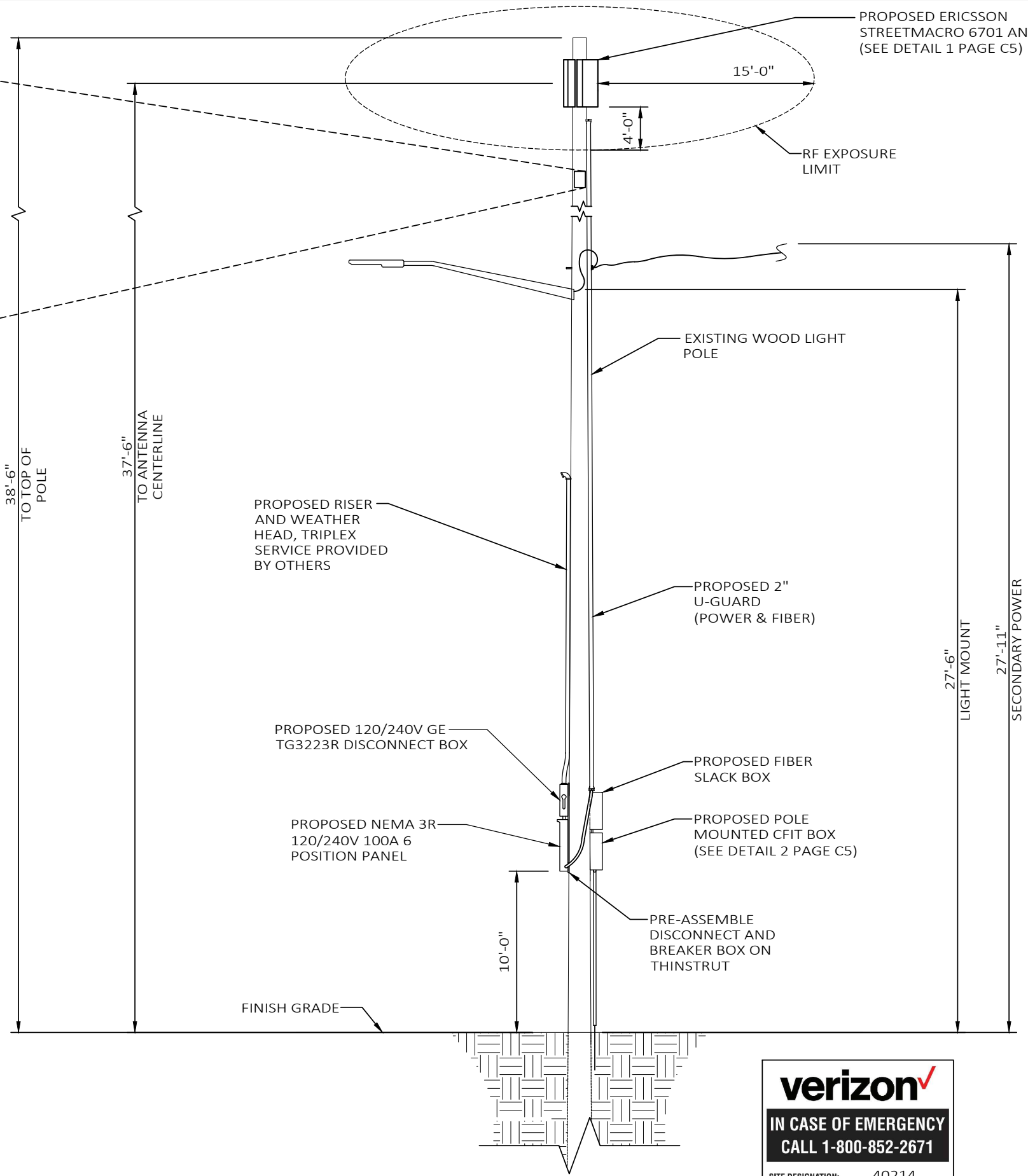


12"x18" RF WARNING SIGN
TYPICAL OF 2

CONTRACTOR TO OBTAIN
LATEST RFDS FROM VERIZON
PRIOR TO CONSTRUCTION.

40" MIN. CLEARANCE
BELOW NEW TRIPLEX
SERVICE

5'-0" MIN. CLEARANCE
ABOVE ANY DTE EQUIPMENT
TO BOTTOM OF ANTENNA



**IN CASE OF EMERGENCY
CALL 1-800-852-2671**

SITE DESIGNATION: 40214

INSTALL ON BREAKER PANEL

PREPARED FOR:



PREPARED BY:



1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS
SET OF DOCUMENTS IS PROPRIETARY BY
NATURE. ANY USE OR DISCLOSURE OTHER
THAN THAT WHICH RELATES TO THE
CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION

ENGINEER'S STAMP:

NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:
40214

COUNTY:
WASHTENAW

LATITUDE:
42° 14' 45.24" N

LONGITUDE:
83° 36' 58.14" W

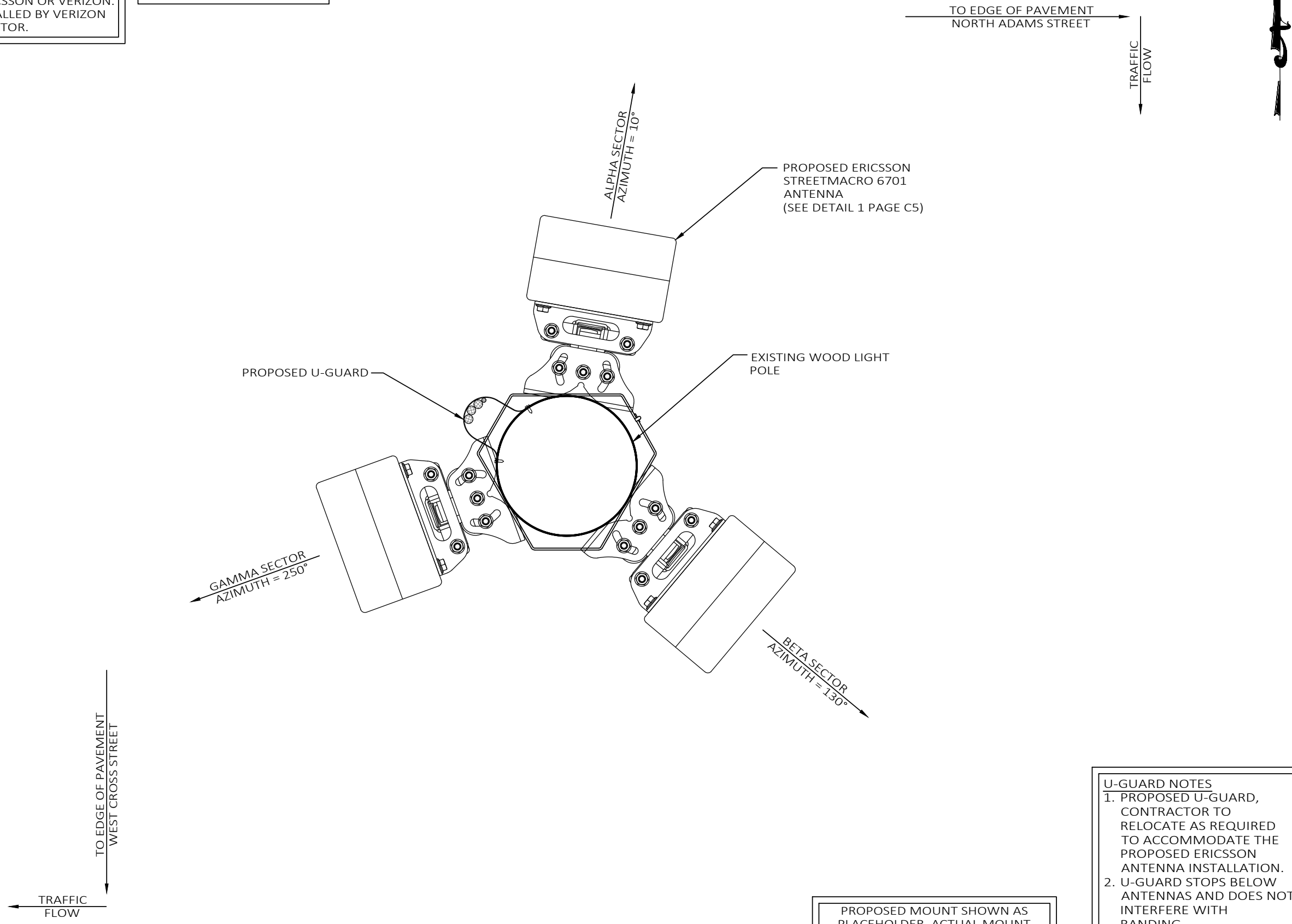
DESIGN TYPE:
COLOCATION

SHEET TITLE:
POLE ELEVATION

DRAWING NO. C2	REVISION: 0
-------------------	----------------

AZIMUTHS ARE SUBJECT TO CHANGE. CONTRACTOR TO VERIFY AZIMUTHS FROM FINAL RFDS FROM VZW. ANTENNA MOUNT TO BE SUPPLIED BY ERICSSON OR VERIZON. ANTENNA TO BE INSTALLED BY VERIZON CONTRACTOR.

INSTALL STRAIN RELIEF FOR POWER & FIBER CABLES AT OR NEAR ANTENNAS



PROPOSED MOUNT SHOWN AS PLACEHOLDER. ACTUAL MOUNT SUBJECT TO CHANGE PER DTE AND VERIZON FUTURE DISCUSSIONS

- U-GUARD NOTES
1. PROPOSED U-GUARD, CONTRACTOR TO RELOCATE AS REQUIRED TO ACCOMMODATE THE PROPOSED ERICSSON ANTENNA INSTALLATION.
 2. U-GUARD STOPS BELOW ANTENNAS AND DOES NOT INTERFERE WITH BANDING.
 3. U-GUARD MUST BE RACEWAY CAPABLE.

PREPARED FOR:

PREPARED BY:

1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION

ENGINEER'S STAMP:

NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:

40214

COUNTY:

WASHTENAW

LATITUDE:

42° 14' 45.24" N

LONGITUDE:

83° 36' 58.14" W

DESIGN TYPE:

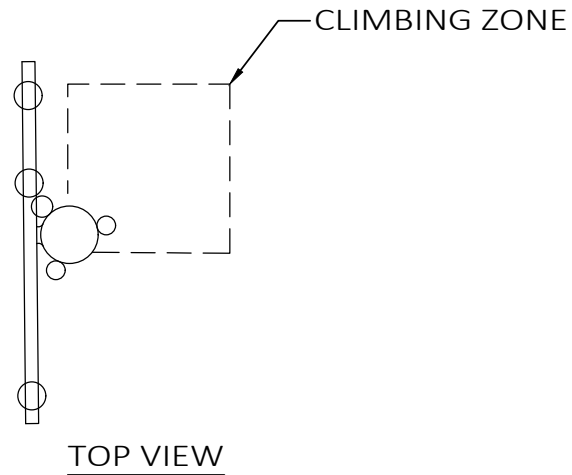
COLOCATION

SHEET TITLE:

ANTENNA LAYOUT

DRAWING NO.	REVISION:
C2A	0

POLE ATTACHED EQUIPMENT	
EQUIPMENT	VOLUME (CU-FT)
STREET MACRO 6701 ANTENNA	0.46
STREET MACRO 6701 ANTENNA	0.46
STREET MACRO 6701 ANTENNA	0.46
TOTAL IN CU-FT	1.38



- NOTES:
1. WORKING CLEARANCE FROM ENERGIZED ANTENNA MUST BE GREATER THAN 4 FT, OTHERWISE SHUT DOWN RADIO AND ANTENNA PER INSTRUCTIONS ON PLACARD OR BY OPENING DISCONNECT SWITCH TO RADIO EQUIPMENT ON POLE.
 2. ANTENNA AND MOUNTING BRACKETS INSTALLED ABOVE DTE WIRES MUST BE INSTALLED AND MAINTAINED BY DTE OR DTE'S DESIGNATED CONTRACTOR.
 3. VERTICAL CLIMBING ZONE MUST BE MAINTAINED ON ALL POLES. (SEE TOP VIEW)
 4. BASE CABINET TO BE CLEARLY LABELED WITH OWNER'S NAME AND 1-800 PHONE NUMBER WITH 3/4" TALL LETTERING.
 5. SHUTDOWN PLACARD TO BE PLACED ON THE POLE NEAR BASE CABINET AND DISCONNECT SWITCH BOX.
 6. 5' FT MIN. CLEARANCE ABOVE ANY DTE EQUIPMENT.
 7. ANTENNA POLE TOP CLEARANCES APPLY TO ANY DTE EQUIPMENT OR WIRES INSTALLED UNDER THE ANTENNA.

REFERENCE DTE ENERGY
CELLULAR ANTENNA SMALL CELL SITE CONSTRUCTION
LINE CONSTRUCTION STANDARDS 4-JOINT USE 1-4-26.1
DATED 11/1/2017

PREPARED FOR:



PREPARED BY:

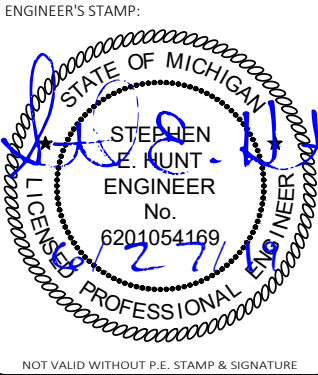


1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

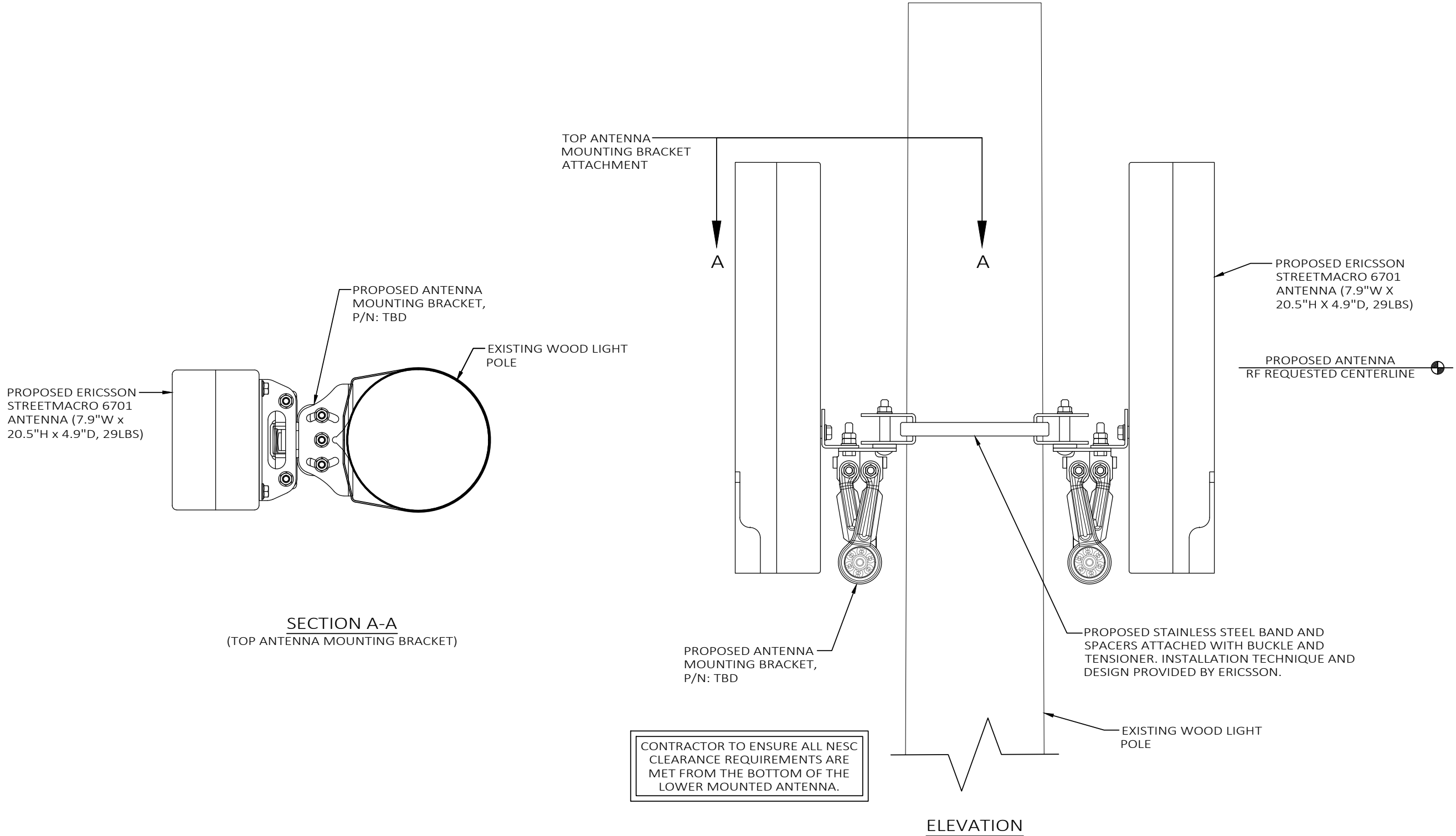
DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS
SET OF DOCUMENTS IS PROPRIETARY BY
NATURE. ANY USE OR DISCLOSURE OTHER
THAN THAT WHICH RELATES TO THE
CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION



SITE NAME:	40214
COUNTY:	WASHTENAW
LATITUDE:	42° 14' 45.24" N
LONGITUDE:	83° 36' 58.14" W
DESIGN TYPE:	COLOCATION
SHEET TITLE:	DTE NOTES
DRAWING NO.	REVISION:
C3	0



PREPARED FOR:



PREPARED BY:



1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS
SET OF DOCUMENTS IS PROPRIETARY BY
NATURE. ANY USE OR DISCLOSURE OTHER
THAN THAT WHICH RELATES TO THE
CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION

ENGINEER'S STAMP:

NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:
40214

COUNTY:
WASHTENAW

LATITUDE:
42° 14' 45.24" N

LONGITUDE:
83° 36' 58.14" W

DESIGN TYPE:
COLOCATION

SHEET TITLE:
SITE DETAILS

DRAWING NO. C4	REVISION: 0
-------------------	----------------

Spectrum:

IBW

OBW

EIRP

28 GHz

Full band

800 MHz

~ 55 dBm

of Users:

Total Antenna BW:

Throughput:

RI ports:

TN/IDLports:

Misc:

2,000+

1600 MHz

5 Gbps DL/ 1 Gbps UL

2

2

4xExternal Alarms, USB connector
PoE, GPS, 1588 Synch

Weight:

Size:

Operational conditions:

Cooling:

Power:

IP Class:

~ 13 kg (29 lbs)

20,5"x4,9"x7,9" (13 l)

-40 to +55 degrees

Active

AC, <300W Max

IP 65

Ericsson Confidential | 2018-03-15



20,5"x5"x8" Not to Exceed Dimensions

CFIT BOX

PART CODE: CFIT-C48D4LHXVZ
DESIGNED BY CHARLES INDUSTRIES



PRODUCT SPECIFICATIONS

TECHNICAL SPECIFICATIONS	
HEIGHT (PANEL ONLY)	15 in.
DEPTH, BASE (FRONT TO BACK)	5.5 in.
WIDTH	12 in.
WEIGHT	4 lbs.
CONSTRUCTION	RUGGED UL94-5VA GRAY POLYCARBONATE
SUPPORTED FIBER CONNECTOR TYPES	SC, LC or MPO
COMPLIANCE	DESIGNED TO MEET GR-950, GR2898, NEMA 4, IP66
SPLICING CAPACITY	UP TO THREE (3) 4"x6" HINGED SPLICE TRAYS ON FEED FIBER SIDE.
BULKHEAD CAPACITY	24 SC ADAPTERS

PREPARED FOR:



PREPARED BY:

TeleCAD

Wireless

1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION

ENGINEER'S STAMP:

NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:

40214

COUNTY:

WASHTENAW

LATITUDE:

42° 14' 45.24" N

LONGITUDE:

83° 36' 58.14" W

DESIGN TYPE:

COLOCATION

SHEET TITLE:

EQUIPMENT DETAILS

DRAWING NO.

C5

REVISION:

0

ELECTRICAL NOTES:

1. PROVIDE AND INSTALL WARNING TAPE FOR ELECTRIC SERVICE CONDUIT 12" BELOW GRADE.
2. CONTRACTOR TO PAY FOR THE SERVICE AS DIRECTED BY THE MUNICIPALITY.
3. CONTRACTOR TO USE PVC SCH 40 CONDUIT WHERE CONDUITS CROSS ACCESS ROADS.
4. CONTRACTOR SHALL COORDINATE WITH ELECTRIC AND TELEPHONE UTILITY COMPANIES FOR SERVICES.
5. CONTRACTOR TO PAY ALL FEES FOR SERVICES REQUIRED.
6. CONTRACTOR TO BE ADVISED THAT EXISTING UNDERGROUND CONDUITS, GROUND CABLES EXIST. DIG WITH CAUTION.
7. CONTRACTOR TO VERIFY POWER AND TELCO LB LOCATIONS AND FLEX CONDUIT SIZE AND ROUTING TO THE EQUIPMENT SHELTER WITH MANUFACTURER'S DRAWINGS.
8. OPEN CUT CONSTRUCTION THROUGH EXISTING PAVEMENT, I.E. ROADWAYS, PARKING AREAS, SIDEWALKS WILL NOT BE ALLOWED. CONSTRUCTION UNDER EXISTING PAVEMENTS WILL BE REQUIRED TO BE INSTALLED WITH DIRECTIONAL BORING TECHNIQUE.

UTILITY NOTES:

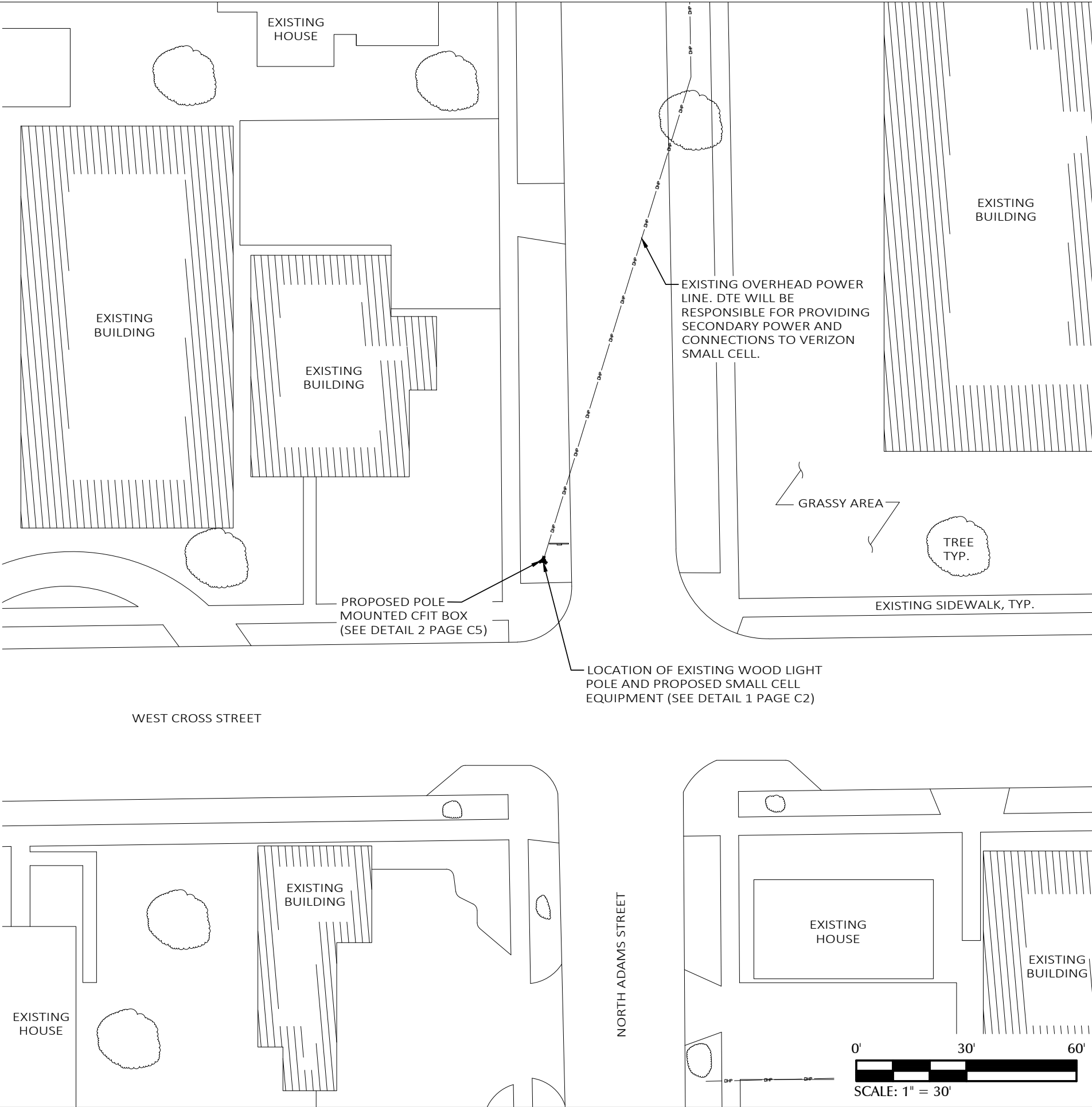
1. ALL POWER CONDUITS ABOVE GRADE, SWEEPS, & ELBOWS TO BE PVC SCH 40.
2. INSTALL PULL STRING IN TELCO CONDUIT.

STANDARD POWER SUPPLY FOR THE SMALL CELL NODES IS A 100 AMP 120/240 VOLT SINGLE PHASE SERVICE

SERVICE CONDUCTOR MAXIMUM DISTANCE CHART (BASED ON 80 AMP MAX. CONTINUOUS LOAD)			
WIRE SIZE	ALUMINUM 120V	COPPER 120V	CONDUIT SIZE
3 AWG	55'	90'	3/4" MIN
2 AWG	70'	115'	3/4" MIN
1 AWG	85'	145'	3/4" MIN
1/0 AWG	110'	180'	1" MIN
2/0 AWG	140'	230'	1" MIN
3/0 AWG	175'	290'	1 1/4" MIN
4/0 AWG	220'	365'	1 1/4" MIN
250 KCMIL	265'	435'	1 1/4" MIN
300 KCMIL	315'	520'	1 1/2" MIN
350 KCMIL	370'	610'	1 1/2" MIN
400 KCMIL	420'	695'	2" MIN
500 KCMIL	530'	870'	2" MIN

LEGEND

UNDERGROUND POWER	USP	CATCH BASIN	Grid Symbol
OVERHEAD POWER	DHP	IRON PIN SET (IPF) 3/8" REBAR	Circle with dot
OVERHEAD UTILITIES	DHU	IRON PIN FOUND (IPF)	Circle with dot and cross
UNDERGROUND TELCO	UGT	BENCHMARK	Circle with cross
OVERHEAD TELCO	DHT	CONCRETE MON. FOUND	Square
GAS LINE	GAS	CONCRETE MON. SET	Square with cross
FENCE	X	UTILITY POLE	Circle with cross
SEWER LINE	SVR	LIGHT POLE	Circle with dot and cross
WATER LINE	VTR	WATER VALVE	Circle with cross and dot
COAX CABLE	C	MANHOLE	Circle with M
HYBRID CABLE	HYB	GAS VALVE	Circle with cross and dot
HIGH VOLTAGE POWER	HVP	FIRE HYDRANT	Circle with H
FIBER	FBR	TELCO PEDESTAL	Circle with T
RIGHT-OF-WAY	RDW	ELECTRICAL PULL BOX	Square with E
PROPERTY LINE	PL		
EDGE OF PAVEMENT	EDP		



PREPARED FOR:



PREPARED BY:

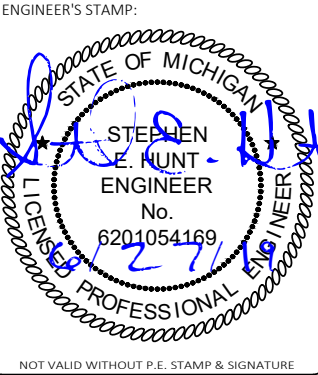


1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

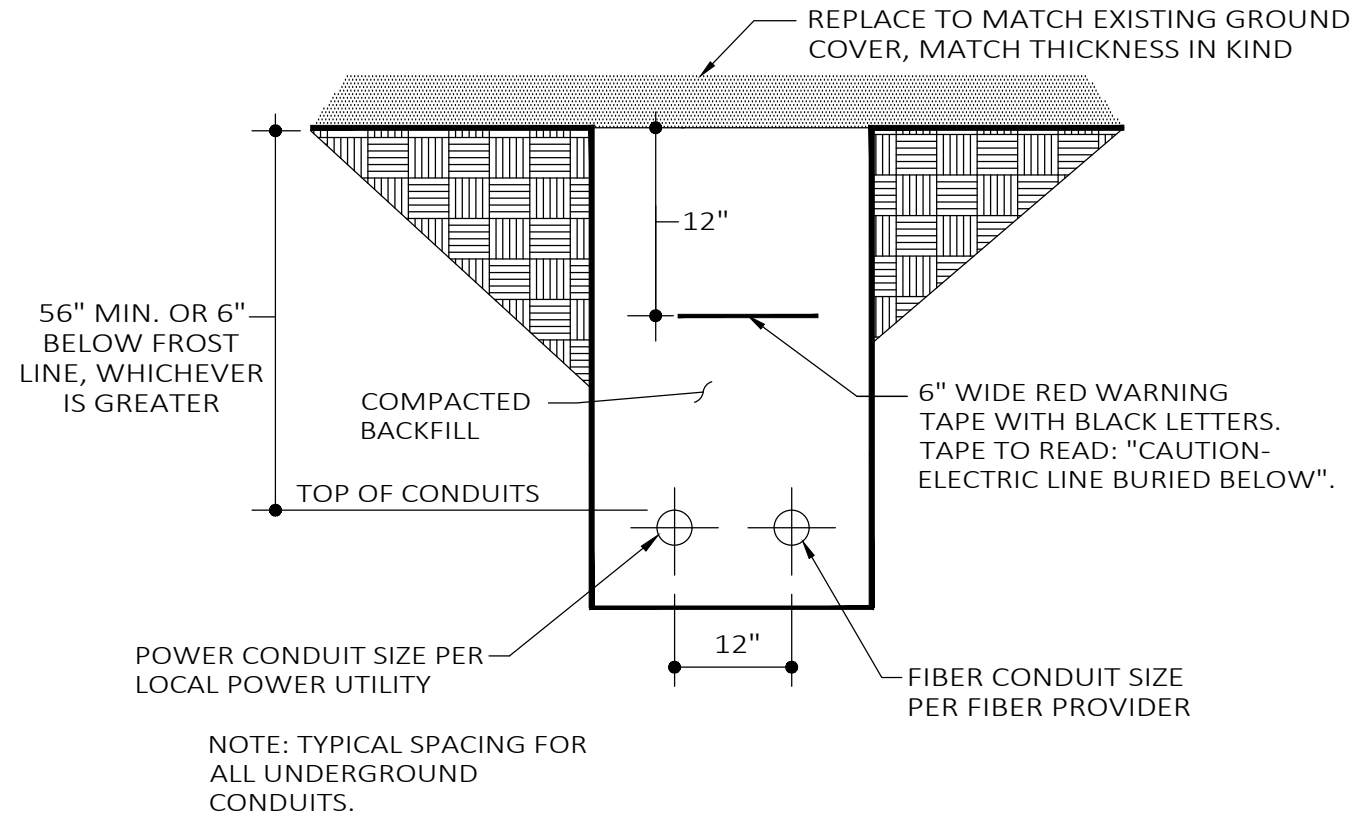
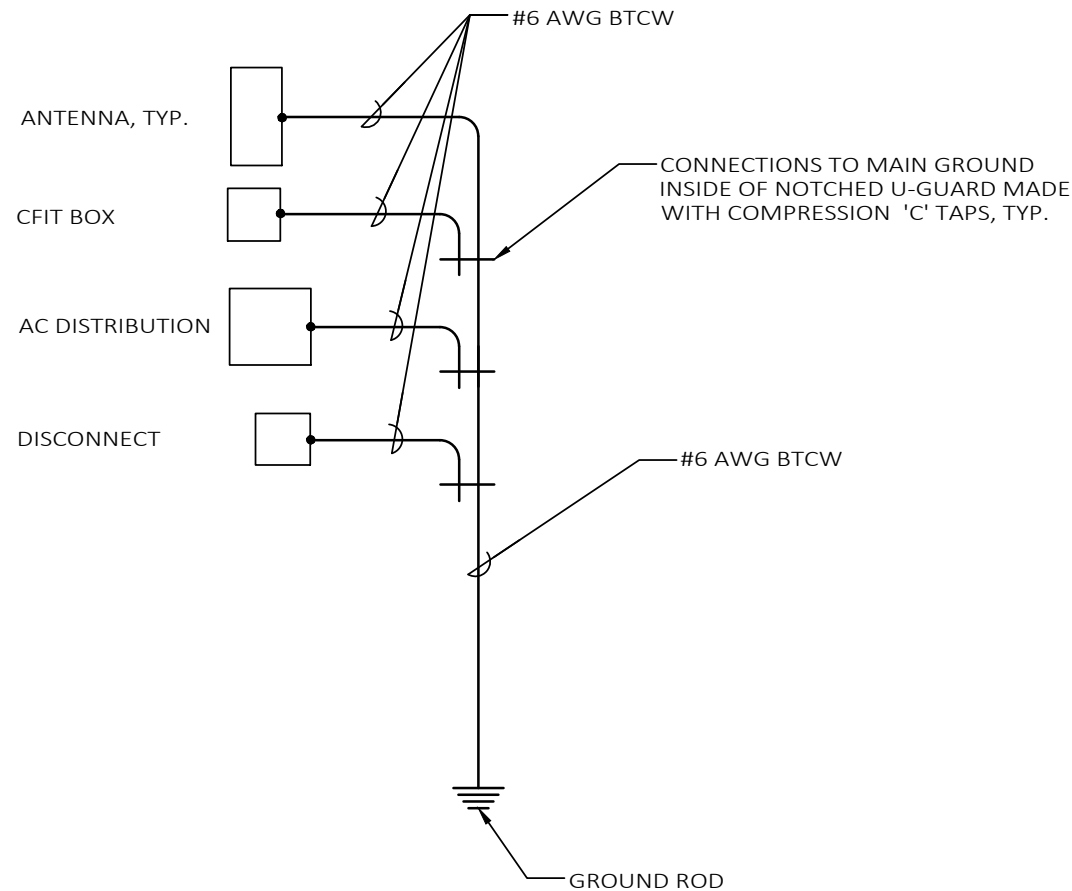
REVISIONS			
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION



SITE NAME:	40214
COUNTY:	WASHTENAW
LATITUDE:	42° 14' 45.24" N
LONGITUDE:	83° 36' 58.14" W
DESIGN TYPE:	COLOCATION

SHEET TITLE:
UTILITY SITE PLAN

DRAWING NO. E1	REVISION: 0
-------------------	----------------



PREPARED FOR:

verizon

PREPARED BY:

TeleCAD Wireless

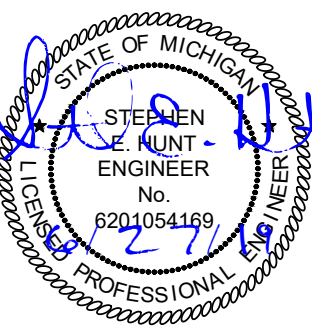
1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION

ENGINEER'S STAMP:



SITE NAME:
40214

COUNTY:
WASHTENAW

LATITUDE:
42° 14' 45.24" N

LONGITUDE:
83° 36' 58.14" W

DESIGN TYPE:
COLOCATION

SHEET TITLE:
ELECTRICAL DETAILS

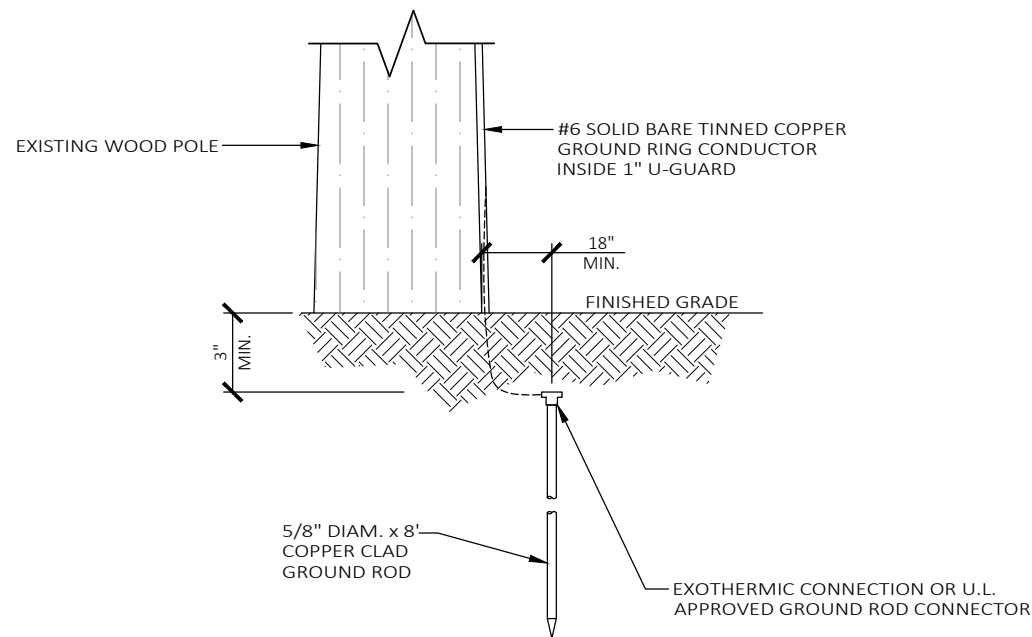
DRAWING NO. E2	REVISION: 0
--------------------------	-----------------------

1 SINGLE POINT RADIAL GROUND DETAIL

N.T.S.

2 TRENCH DETAIL (IF REQUIRED)

N.T.S.



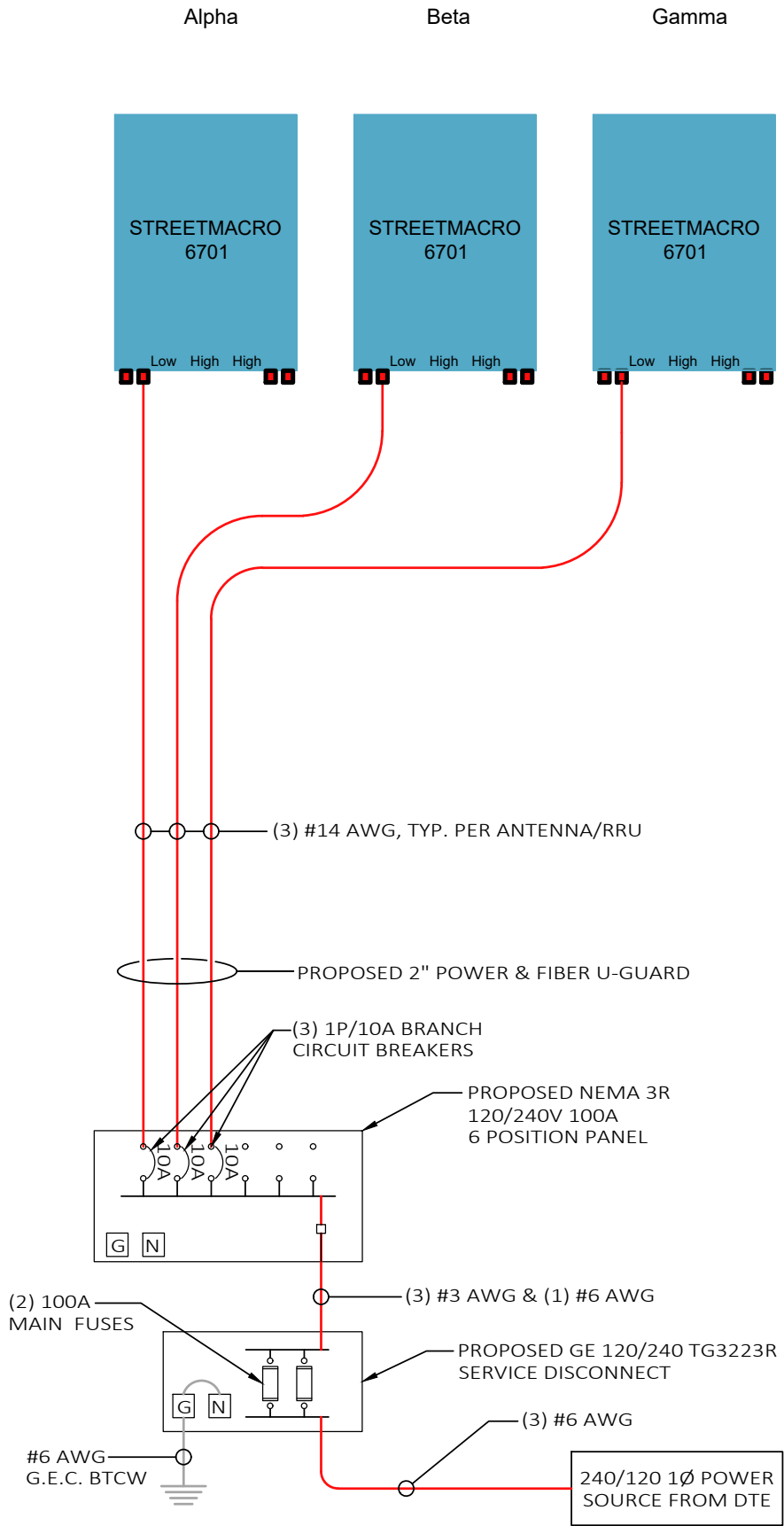
3 GROUND ROD DETAIL

N.T.S.

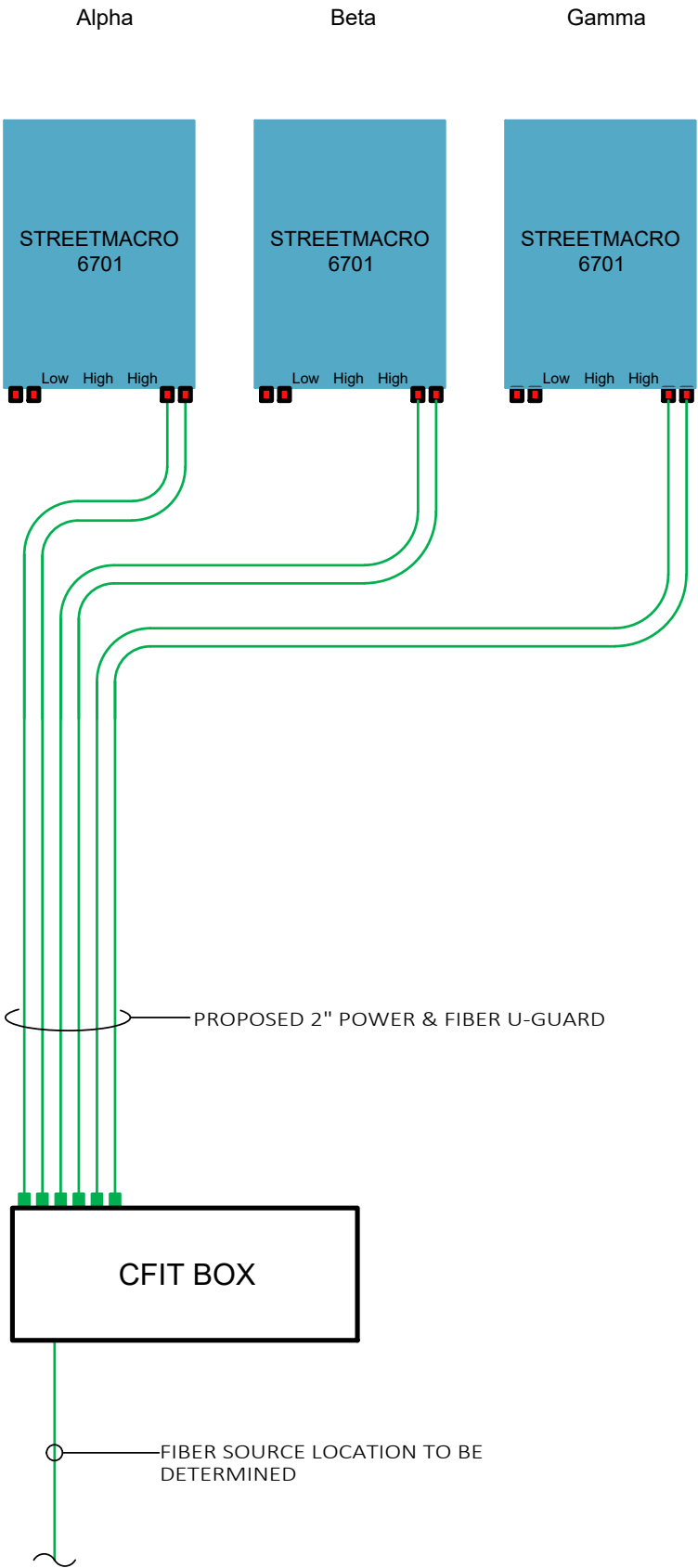
4 DETAIL NOT IN USE

N.T.S.

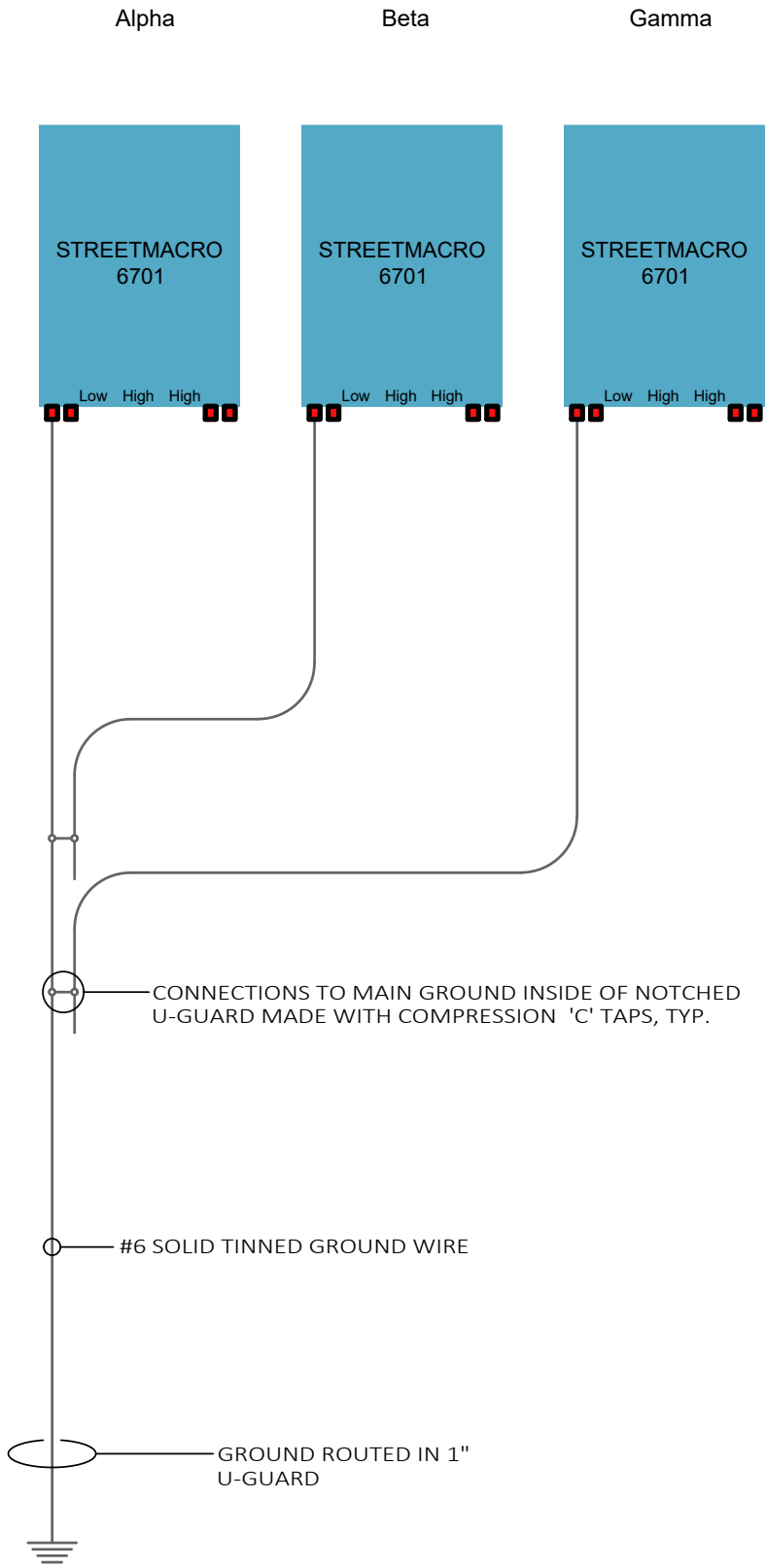
POWER ROUTING



FIBER ROUTING



GROUND ROUTING



PREPARED FOR:



PREPARED BY:

TeleCAD Wireless

1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION

ENGINEER'S STAMP:

STATE OF MICHIGAN

STEPHEN E. HUNT
ENGINEER
No. 6201054169

NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:
40214
COUNTY:
WASHTENAW
LATITUDE:
42° 14' 45.24" N
LONGITUDE:
83° 36' 58.14" W
DESIGN TYPE:
COLOCATION

SHEET TITLE:
SINGLE LINE DIAGRAM

DRAWING NO.	REVISION:
E3	0



Facing north-northwest to light pole in context.



Facing north-northeast to light pole in context.



Facing north, view from light pole.



Facing east, view from light pole.



Facing south, view from light pole.



Facing west, view from light pole.



Facing northwest to 302 W Cross from light pole.



HDC Work Permit Staff Review

Property address: 293 Olive (430 N Adams)

Property History: The proposed work is in the right-of-way at the southeast corner of N Adams and Olive. The applicant lists the address as 293 Olive, however the adjacent property is 430 N Adams.

The property at 430 N Adams includes a Dutch Colonial Revival-style house that was erected in 1916 and is contributing to the historic district.

Date of Application: February 7, 2020

Date of Review: February 18, 2020

Date of Meeting: February 25, 2020

Proposed work: Small cell communication system.

Materials: Wood pole, antennas, power boxes, fiber boxes.

Staff review:

1. The application is to install a communication antenna atop an existing DTE light pole.
 - a. The antenna will be installed above an existing power line, extending the pole to 40' from ground to top.
 - b. The pole will be surmounted by a small cell communication feature, consisting of three antennas.
 - c. A caution sign will be placed between the light fixture and antennas.
 - d. Various connection boxes will be placed 10' above ground level.
2. Staff spoke with a SHPO reviewer in February regarding a similar installation on N Hamilton Street. They said that these new colocation antennas are much smaller than earlier installations and appear to have minimal impact on historic resources.

Recommended Motions:

1. Use property for original purpose or provide compatible use with minimal alteration.
2. Do not destroy original character. Do not remove or alter historic material or features.
3. Do not imitate earlier styles.
4. Preserve significant changes acquired over time.
5. Preserve distinctive features.
6. Repair, don't replace. Replacements shall match original.
7. Clean building gently—no sandblasting.
8. Preserve archaeological resources.
9. Contemporary designs shall be compatible and shall not destroy significant original material.
- 10. New work shall be removable.**

Move to approve and issue a certificate of appropriateness for the work at 293 Olive as submitted in the application, dated December 1, 2020, for modification of an existing light pole to include the features in submitted drawings, including antennas, signage, and connection boxes.

Relevant Secretary of the Interior's Standards:
#10

Prepared by:
Scott E. Slagor, Preservation Planner



City of Ypsilanti
Historic District Commission
Work Permit Application

One South Huron • Ypsilanti, MI 48197
Phone: (734) 483-9646 • Fax: (734) 483-7260
www.cityofypsilanti.com

OFFICE USE ONLY

Date Filed:

Meeting Date:

Action Item/Study Item

To complete this application:

1. Complete this form.
2. Attach the following documents:
 - a. Photo(s) showing all locations where work is proposed (can be emailed).
 - b. Catalog cut sheets or similar details for windows, doors, light fixtures, and any other manufactured or preassembled components—this includes information from catalogues, professional quotes, or websites (can be emailed).
 - c. Dimensioned drawings of any new construction or modifications to existing structures, including awnings and signs.
 - d. A sketch plan, if proposal is for work on the grounds and not just the main structure (e.g., installing a new driveway, fence, or shed). This can be drawn on a scaled copy of a mortgage survey.
3. Applications and materials must be received by the Building Department **no later** than 4pm on the Tuesday one week prior to the meeting.

INCOMPLETE APPLICATIONS WILL NOT BE PLACED ON THE AGENDA

Property

Address

401 North Adams St.

Applicant

**If applicant is not owner of property, a written statement from the owner authorizing this application must be included.*

Name

Verizon Wireless - David Haslinger

Address

City

Southfield

State

MI

Zip

48075

Phone / Fax

248-672-9698

E-Mail

david.haslinger@verizonwireless.com

Contractor

Contractor Name & Contact Info

Type of work

☐ Roofing

☐ Window/Door
Replacement

☐ Porches

☐ Sign

☐ Fence (or other sitework)

☐ Painting

☒ Other

☐ Application Amendment

Complete Description of Proposed Work:

Verizon is proposing small cell equipment on an existing DTE Pole.

Materials (for paint include color chips or samples with application):**Permit Application Fee (action items only)**

The fee is \$45 for the first \$3,000 in construction cost plus \$5 for every additional \$3,000 of construction cost. There is a flat fee of \$10 for painting only. *An additional fee of \$50 applies to HDC work started without the applicable permit.*

Construction Cost:

Permit fee:

\$45 + _____ =

Signature

I hereby attest that the above information is accurate. I am authorized to and grant permission to the City of Ypsilanti staff to be on the subject property for the purposes of preparing staff reports and/or evaluating this application.

I further affirm that this property has, or will have before the proposed work is completed, a fire alarm system or smoke alarm complying with the Stille-DeRossett-Hale single-state construction code, PA 230 of 1972, as amended.

Signature:



Date:

12-01-2020

Print Name:

David Haslinger

If you have questions about what the HDC generally permits or does not permit, or what they need to see in an application to render a decision, please call the office at 734-483-9646 or view our factsheets online at cityofypsilanti.com/hd.

All other necessary approvals and permits must be acquired before beginning work.



**City of Ypsilanti
Historic District Commission
Work Permit Application
Check List**

Is your application complete?!
Do you have the following?

For painting projects:

- ✓ A detailed description of what you will be painting (trim, siding, deck, etc.)
- ✓ A list of all the materials you plan to use (paint brands, color names, etc.)
- ✓ Color chips or samples of the proposed paint colors
- ✓ Photographs of the property
- ✓ A description of how you plan to prep your surfaces for new paint (the HDC does not allow power washing or sand blasting)

For window projects:

- ✓ A detailed description of your plans for the windows—are you replacing them entirely? Just the sash kits?
- ✓ A cut sheet, catalogue sheet, or print-out with a photo of the proposed window, its dimensions and its materials (vinyl windows are generally not permitted in the district)
- ✓ Photographs of the existing windows showing their deterioration or lack of functionality

For roofing projects:

- ✓ A detailed description of the proposed roof work (Removing existing shingles? Replacing entire roof or portions?)
- ✓ Information about your plans for venting (can vents are generally not permitted in the district)
- ✓ Plans for the flashing and drip edge—what color will they be?
- ✓ Brand name and style of proposed new roofing—include a cut sheet, catalogue sheet, or print-out with details about proposed shingles
- ✓ Color of the new shingles

For all other projects:

- ✓ A detailed description of the proposed work
- ✓ A list of all materials to be used in proposed work
- ✓ Samples or chips of any paint or stain
- ✓ A site plan for any application involving the installation of something on the site (fencing, out buildings, major landscaping, etc.)
- ✓ Cut-sheets, catalogue sheets, or print-outs with details on any materials you are using (like composite wood materials, solar panels, siding, shingles, alternative materials, or anything with specific dimensions)

For fencing projects:

- ✓ Site plan or drawing of lot showing placement of fence in relation to buildings/property
- ✓ Proposed fencing material and style
- ✓ Color chip or sample of proposed paint or stain (wood must be finished with an opaque stain or paint)

Without this required information, your application will be considered incomplete and will not be added to the agenda until the necessary information is received.



February 20, 2020

Scott Hubble
Verizon Wireless

[REDACTED]
Southfield, MI 48075

DTE is working with Verizon Wireless to facilitate the installation of their communication fiber, small wireless communications equipment, associated antennas and transmission cables on DTE owned poles located on public or private right of ways within Washtenaw County, Michigan (excluding steel, aluminum, fiberglass streetlight or ornamental poles).

This letter serves as notification for Verizon submissions as described above within the jurisdiction.

DTE is currently in an agreement with Verizon Wireless to provide joint use space on DTE owned assets that meet internal requirements. The full details of this agreement are protected under a mutual non-disclosure agreement.

Please call me if you have any questions regarding this letter.

Sincerely,

[REDACTED]
Aaron Belanger
Principal Supervisor
DTE / Marketing / Joint Use
[REDACTED]

GENERAL NOTES

1. THESE NOTES SHALL BE CONSIDERED A PART OF THE WRITTEN SPECIFICATIONS.
2. THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED IN THE CONTRACT DOCUMENTS.
3. PRIOR TO THE SUBMISSION OF BIDS, THE CONTRACTOR(S) SHALL VISIT THE JOB SITE(S) AND BE RESPONSIBLE FOR ALL CONTRACT DOCUMENTS, FIELD CONDITIONS AND DIMENSIONS AND CONFIRMING THAT THE WORK MAY BE ACCOMPLISHED PER THE CONTRACT DOCUMENTS. ANY DISCREPANCIES ARE TO BE BROUGHT TO THE ATTENTION OF THE IMPLEMENTATION ENGINEER AND ARCHITECT/ENGINEER.
4. THE CONTRACTOR SHALL RECEIVE WRITTEN AUTHORIZATION TO PROCEED ON ANY WORK NOT CLEARLY DEFINED OR IDENTIFIED IN THE CONSTRUCTION DOCUMENTS BEFORE STARTING ANY WORK.
5. ALL WORK PERFORMED AND MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS AND ORDINANCES INCLUDING APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS.
6. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH THE MANUFACTURER RECOMMENDATIONS. IF THESE RECOMMENDATIONS ARE IN CONFLICT WITH THE CONTRACT DOCUMENTS AND/OR APPLICABLE CODES OR REGULATIONS, REVIEW THE CONFLICT FOR DIRECTION WITH THE IMPLEMENTATION ENGINEER AND ARCHITECT/ENGINEER PRIOR TO PROCEEDING.
7. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, PROCEDURES AND FOR COORDINATION OF ALL PORTIONS OF THE WORK UNDER THE CONTRACT INCLUDING CONTACT AND COORDINATION WITH THE IMPLEMENTATION TEAM AND WITH THE AUTHORIZED REPRESENTATIVE OF ANY OUTSIDE POLE OR PROPERTY OWNER. (BASE COMMANDER OR AUTHORIZED AGENT)
8. THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, PAVING, CURBS, VEGETATION, GALVANIZED SURFACE OR OTHER EXISTING ELEMENTS AND UPON COMPLETION OF THE WORK, REPAIR ANY DAMAGE THAT OCCURRED DURING CONSTRUCTION TO THE SATISFACTION OF EXTENT.
9. KEEP THE GENERAL AREA CLEAN, HAZARD FREE AND DISPOSE OF ALL DIRT, DEBRIS, RUBBISH AND REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY. LEAVE PREMISES IN CLEAN CONDITION DAILY.
10. PLANS ARE INTENDED TO BE DIAGRAMMATIC ONLY AND SHOULD NOT BE SCALED UNLESS OTHERWISE NOTED. RELY ONLY ON ANNOTATED DIMENSIONS AND REQUEST INFORMATION IF ADDITIONAL DIMENSIONS ARE REQUIRED.
11. THE EXISTENCE AND LOCATION OF UTILITIES AND OTHER AGENCY'S FACILITIES ARE OBTAINED BY A SEARCH OF AVAILABLE RECORDS. OTHER FACILITIES MAY EXIST BEYOND WHAT IS NOTED. CONTRACTOR SHALL VERIFY LOCATIONS PRIOR TO START OF CONSTRUCTION AND USE EXTREME CARE AND PROTECTIVE MEASURES TO PREVENT DAMAGE TO THESE FACILITIES. CONTRACTOR IS RESPONSIBLE FOR THE PROTECTION OF UTILITIES OR OTHER AGENCY'S FACILITIES WITHIN THE LIMITS OF THE WORK, WHETHER THEY ARE IDENTIFIED IN THE CONTRACT DOCUMENTS OR NOT.
12. ALL MOUNTING HARDWARE SUCH AS BOLTS, NUTS, LAG SCREWS, CLEVIS, CONDUIT STRAPS, STAPLES, (ANYTHING EXPOSED AND CONNECTING EQUIPMENT TO THE POLE SHALL BE HOT DIPPED GALVANIZED, UNLESS OTHERWISE STATED)

DEFINITIONS

1. "TYPICAL" OR "TYP." MEANS THAT THIS ITEM IS VIRTUALLY IDENTICAL ACROSS SIMILAR CONDITIONS. "TYP." SHALL BE UNDERSTOOD TO MEAN "TYPICAL WHERE OCCURS" AND SHALL NOT BE CONSIDERED AS WITHOUT EXCEPTION OR CONSIDERATION OF SPECIFIC CONDITIONS.
2. "SIMILAR" MEANS COMPARABLE TO CHARACTERISTICS FOR CONDITION NOTED. VERIFY DIMENSIONS AND ORIENTATION ON PLAN.
3. "AS REQUIRED" MEANS AS REQUIRED BY REGULATORY REQUIREMENTS BY REFERENCED STANDARDS, BY EXISTING CONDITIONS, BY GENERALLY ACCEPTED CONSTRUCTION PRACTICE OR BY THE CONTRACT DOCUMENTS.
4. "ALIGN" MEANS ACCURATELY LOCATE FINISH FACES OF MATERIALS IN THE SAME PLANE.
5. THE TERM "VERIFY" OR "V.I.F" SHALL BE UNDERSTOOD TO MEAN VERIFY IN FIELD WITH ARCHITECT AND REQUIRES THAT THE CONTRACTOR CONFIRM INTENTION REGARDING NOTED CONDITION AND PROCEED ONLY AFTER RECEIVING DIRECTION.
6. WHERE THE WORDS "OR EQUAL" OR WORDS OF SIMILAR INTENT FOLLOW A MATERIAL SPECIFICATION, THEY SHALL BE UNDERSTOOD TO REQUIRE SIGNED APPROVAL OF ANY DEVIATION TO SAID SPECIFICATION PRIOR TO CONTRACTOR'S ORDERING OR INSTALLATION OF SUCH PROPOSED EQUAL PRODUCT.
7. FURNISH: SUPPLY ONLY, OTHERS TO INSTALL. INSTALL: INSTALL ITEMS FURNISHED BY OTHERS. PROVIDE: FURNISH AND INSTALL.

PROJECT SPECIFIC NOTES

1. THIS SET IS PROVIDED TO ILLUSTRATE THE EXPECTED SCOPE OF DRAWINGS, QUALITY OF DRAWINGS AND EXTENT GRAPHIC STANDARDS. NOTES ARE FOR A&E CONTRACTOR REFERENCE TO HELP CLARIFY THE SCOPE. ADDITIONAL DRAWINGS MAY BE REQUIRED TO MEET THE REQUIREMENTS OF A GIVEN BASE. ALL EXAMPLES SHOWN ARE FOR REFERENCE ONLY AND ANY NOTES, DETAILS, CALCULATIONS OR OTHER WORK NEEDS TO BE COMPLETED OR CONFIRMED BY THE CONTRACTOR GENERATING THE DRAWINGS IN CONSTRUCTION DOCUMENTS.
2. THIS SET IS TO BE PRINTED AT 11" x 17". IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONFIRM THIS SIZE IS ACCEPTABLE BY THE BASE AND TO PROVIDE A LARGER STANDARD SIZE IF REQUIRED.
3. IT IS THE RESPONSIBILITY OF THE ENGINEER TO CONFIRM ALL WORK SHOWN IS IN COMPLIANCE WITH BASE AND FEDERAL CODES. DRAWINGS SHOWN WITHIN THIS SET ARE SAMPLES AND MAY NOT REFLECT ALL OF THE REQUIRED ELEMENTS, CLEARANCES OR OTHER ITEMS OF ASSEMBLIES NEEDED TO BE CODE COMPLIANT IN THE PARTICULAR MUNICIPALITY THE NODE IS LOCATED WITHIN.

GROUND CONSTRUCTION NOTES:

1. 120/240V POWER REQUIRED FOR 3-WIRE SERVICE.
2. ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH FEDERAL STANDARDS AND REGULATIONS AS WELL AS NEC.
3. CALL MICHIGAN ONE CALL 72 HOURS PRIOR TO EXCAVATING AT (800) 482-7171.
4. ALL LANDSCAPING TO BE RESTORED TO ORIGINAL CONDITION OR BETTER.
5. ALL EQUIPMENT TO BE BONDED.
6. METERING CABINET (IF INSTALLED) REQUIRES 3' CLEARANCE AT DOOR OPENING.

STANDARD GROUNDING NOTES:

1. GROUND TESTED AT 25 OHMS OR LESS.
2. 5/8" x 8' RODS, CAD WELD OR UL LISTED DIRECT BURY CLAMP BELOW GRADE.
3. #6 GROUND AND BOND WIRE.
4. MOLDING, STAPLED EVERY 1' AND AT EACH END.
5. GROUND RODS 18" FROM POLE.

STANDARD CONDUIT NOTES:

1. FOR UNDERGROUND CONDUIT AND ABOVE GRADE RISERS USE SCHEDULE 40.
2. IF DIRECTIONAL BORING PLACE 1-1/4" SDR-11 GRAY CONDUIT FOR UNDERGROUND POWER APPLICATIONS.
3. IF TRENCHING, PLACE PVC SCH 40 CONDUIT PER TABLE ON SHEET E1 FOR UNDERGROUND POWER APPLICATIONS.
4. RISERS TO BE ATTACHED TO POLE WITH STANDARD STRAPS AND LAG SCREWS.
5. RISER STRAPS TO BE INSTALLED EVERY 5'.
6. CONDUIT UNDER 1" MAY BE ATTACHED WITH GROUND WIRE MOLDING STAPLES.
7. ALL CONDUIT WILL BE PROOFED WITH A MANDREL AND EQUIPPED WITH PULL ROPE OR MULE TAPE.

STANDARD TRENCHING NOTES:

1. MAINTAIN 36" MINIMUM COVER FOR ELECTRICAL CONDUIT.
2. MAINTAIN 36" MINIMUM COVER FOR COMMUNICATION CONDUIT.
3. IN STREET SLURRY TO GRADE AND MILL DOWN 1-1/2" FOR AC CAP.
4. IN DIRT SLURRY 18" FROM GRADE AND FILL WITH 95% COMPACTION NATIVE SOIL FOR BALANCE.
5. PLACE WARNING TAPE IN TRENCH 12" ABOVE ALL CONDUITS AND #18 WARNING TAPE ABOVE GROUND EQUIPMENT.

UTILITY POLE CONSTRUCTION NOTES:

1. NO BOLT THREADS TO PROTRUDE MORE THAN 1/2".
2. FILL ALL HOLES LEFT IN POLE FROM REARRANGEMENT OF CLIMBERS.
3. ALL CLIMB STEPS NEXT TO CONDUIT SHALL HAVE EXTENDED STEPS.
4. CABLE NOT TO IMPEDE 15" CLEAR SPACE OFF POLE FACE.
5. 90° SHORT SWEEP UNDER ANTENNA ARM. ALL CABLES MUST ONLY TRANSITION ON THE INSIDE OR BOTTOM OF ARMS (NO CABLE ON TOP OF ARMS).
6. USE CABLE CLAMPS TO SECURE CABLE TO ARMS; PLACE 2" CARRIER ID TAGS ON BOTH SIDE OF ARMS.
7. USE 90° CONNECTOR AT CABLE CONNECTION TO ANTENNAS.
8. USE 1/2" CABLE ON ANTENNAS UNLESS OTHERWISE SPECIFIED.
9. FILL VOID AROUND CABLES AT CONDUIT OPENING WITH FOAM SEALANT TO PREVENT WATER INTRUSION.

VERIZON WIRELESS CONSTRUCTION NOTES:

1. CONTRACTOR IS TO FOLLOW THE MOST CURRENT VZW STANDARDS DOCUMENTS PROVIDED TO COMPLETE THIS INSTALLATION.
2. CONTRACTOR SHALL COMPLETE VZW PROVIDED "SMALL CELL SWEEP REPORT" WITH ALL INFORMATION FILLED IN ACCURATELY AND COMPLETELY.
3. CONTRACTOR TO REFER TO THE MOST CURRENT VZW STANDARDS FOR APPROVED "PIM" TEST EQUIPMENT AND GUIDELINES.
4. CONTRACTOR IS TO USE BATTERY POWERED "PIM" EQUIPMENT TO VALIDATE THE FINAL LOCATION OF THE JUMPER AND ANTENNA ARE FREE OF INTERNAL AND EXTERNAL "PIM" SOURCES.
5. CONTRACTOR SHALL PROVIDE AT LEAST ONE TECHNICAL LEAD THAT IS CERTIFIED AND PROFICIENT IN EXECUTING, INTERPRETING AND RECORDING "PIM" MEASUREMENTS.

PREPARED FOR:



PREPARED BY:

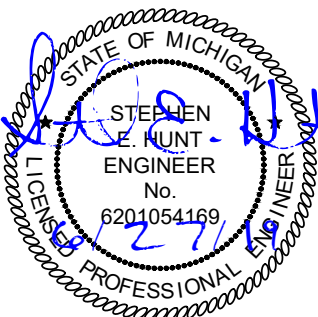


1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION

ENGINEER'S STAMP:

NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:

40214

COUNTY:

WASHTENAW

LATITUDE:

42° 14' 45.24" N

LONGITUDE:

83° 36' 58.14" W

DESIGN TYPE:

COLOCATION

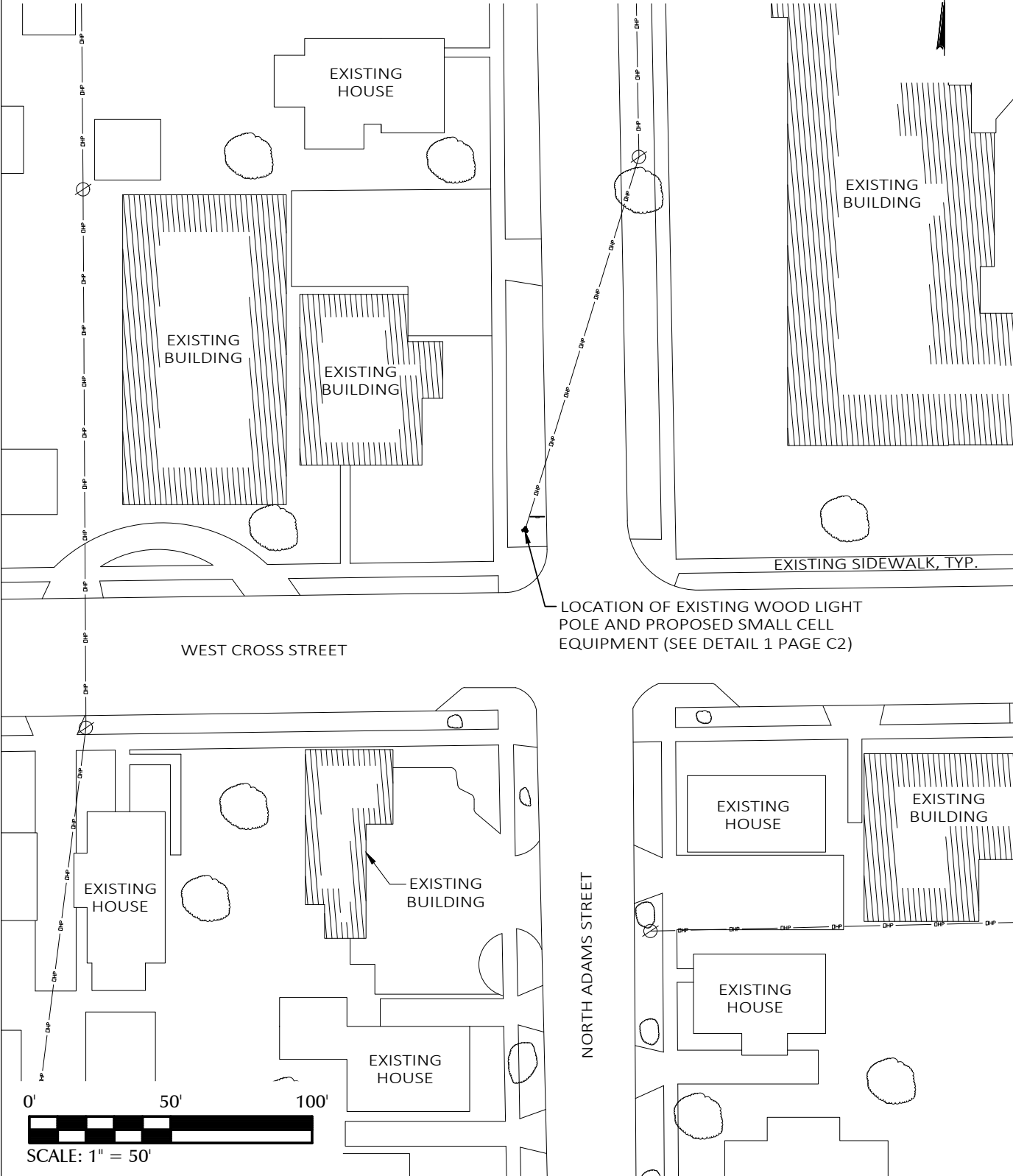
SHEET TITLE:

GENERAL NOTES

DRAWING NO. GN1	REVISION: 0
----------------------------	------------------------

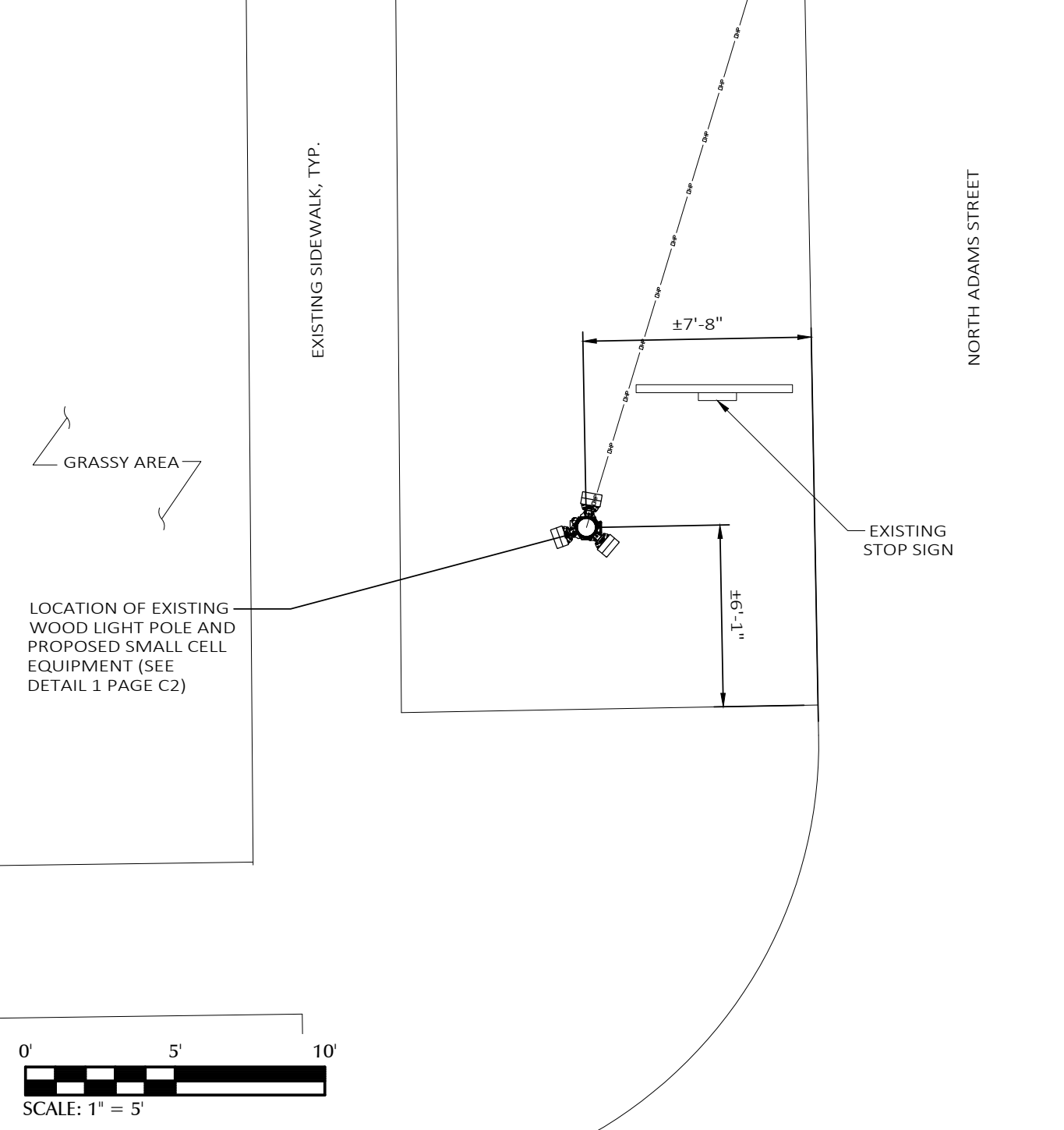
NOTES:

1. THIS DRAWING IS BASED ON AERIAL IMAGERY AND FIELD OBSERVATIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO COMMENCEMENT OF CONSTRUCTION.
2. THE PROPOSED USE DOES NOT REQUIRE FULL OR PART TIME EMPLOYEES AT THE SITE.
3. FOR GENERAL SITE WORK NOTES, SEE SHEET GN1.
4. ALL NORTH ARROWS ON SITE PLANS ARE TRUE NORTH, UNLESS OTHERWISE SPECIFIED.
5. OPEN CUT CONSTRUCTION THROUGH EXISTING PAVEMENT, I.E. ROADWAYS, PARKING AREAS, SIDEWALKS WILL NOT BE ALLOWED. CONSTRUCTION UNDER EXISTING PAVEMENTS WILL BE REQUIRED TO BE INSTALLED WITH DIRECTIONAL BORING TECHNIQUE.



1 OVERALL SITE LAYOUT

LEGEND			
UNDERGROUND POWER	UGP	UGP	
OVERHEAD POWER	DHP	DHP	
OVERHEAD UTILITIES	DHU	DHU	
UNDERGROUND TELCO	UGT	UGT	
OVERHEAD TELCO	DHT	DHT	
GAS LINE	GAS	GAS	
FENCE	X	X	
SEWER LINE	SVR	SVR	
WATER LINE	VTR	VTR	
COAX CABLE	C	C	
HYBRID CABLE	HYB	HYB	
HIGH VOLTAGE POWER	HVP	HVP	
FIBER	FBR	FBR	
RIGHT-OF-WAY	RDW	RDW	
PROPERTY LINE	PL	PL	
EDGE OF PAVEMENT	EDP	EDP	
CATCH BASIN			
IRON PIN SET (IPF) 5/8" REBAR			
IRON PIN FOUND (IPF)			
BENCHMARK			
CONCRETE MON. FOUND			
CONCRETE MON. SET			
UTILITY POLE			
LIGHT POLE			
WATER VALVE			
MANHOLE			
GAS VALVE			
FIRE HYDRANT			
TELCO PEDESTAL			
ELECTRICAL PULL BOX			



2 ENLARGED SITE LAYOUT

PREPARED FOR:



PREPARED BY:



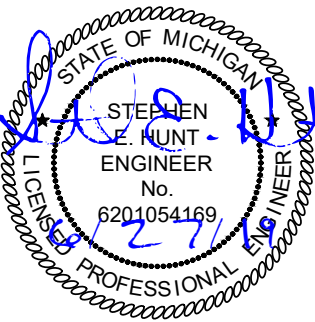
1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION

ENGINEER'S STAMP:



NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:	40214
COUNTY:	WASHTENAW
LATITUDE:	42° 14' 45.24" N
LONGITUDE:	83° 36' 58.14" W
DESIGN TYPE:	COLOCATION
SHEET TITLE:	SITE LAYOUTS
DRAWING NO.	C1
REVISION:	0

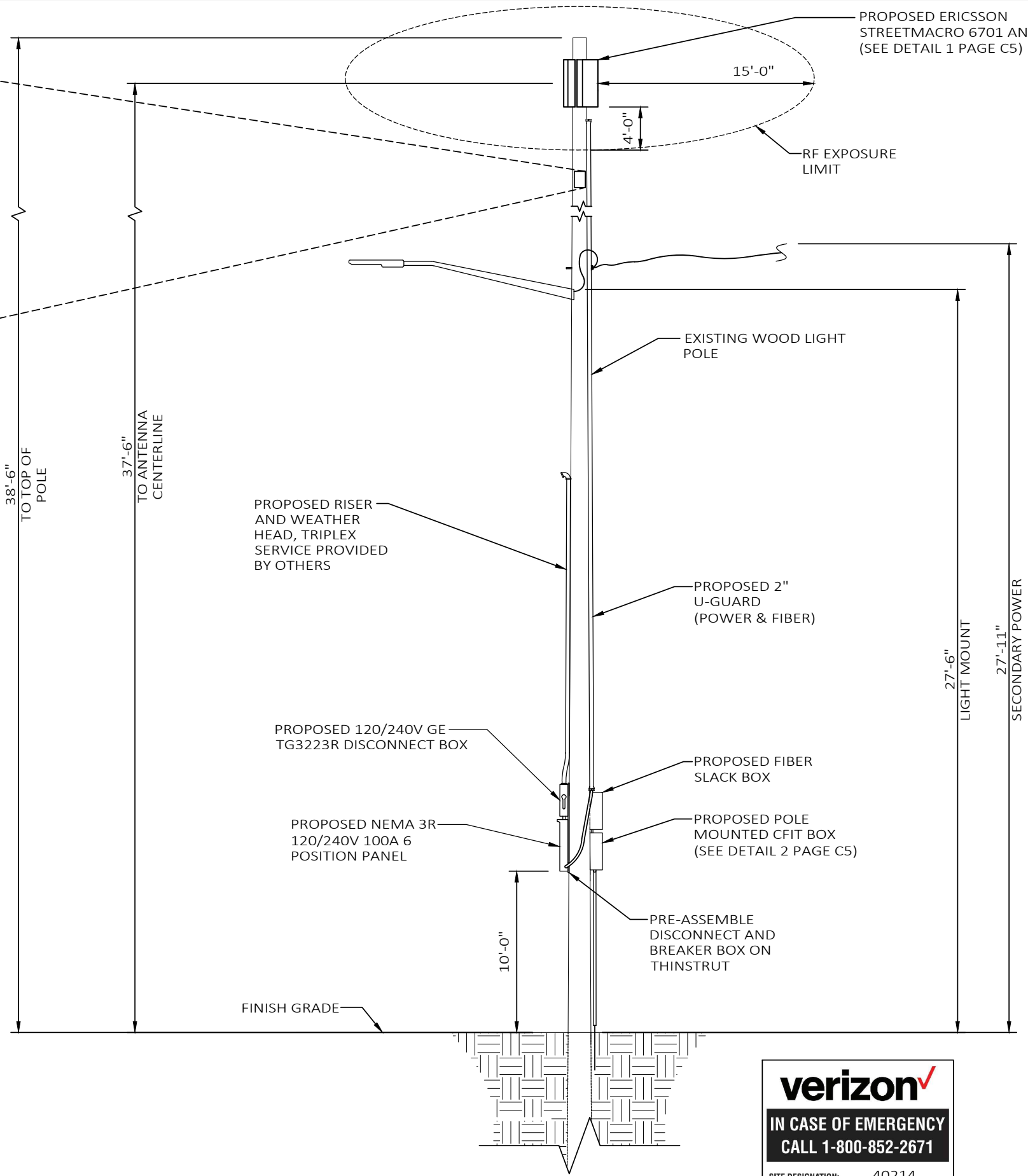


12"x18" RF WARNING SIGN
TYPICAL OF 2

CONTRACTOR TO OBTAIN
LATEST RFDS FROM VERIZON
PRIOR TO CONSTRUCTION.

40" MIN. CLEARANCE
BELOW NEW TRIPLEX
SERVICE

5'-0" MIN. CLEARANCE
ABOVE ANY DTE EQUIPMENT
TO BOTTOM OF ANTENNA



**IN CASE OF EMERGENCY
CALL 1-800-852-2671**

SITE DESIGNATION: 40214

INSTALL ON BREAKER PANEL

PREPARED FOR:



PREPARED BY:

1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS
SET OF DOCUMENTS IS PROPRIETARY BY
NATURE. ANY USE OR DISCLOSURE OTHER
THAN THAT WHICH RELATES TO THE
CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION

ENGINEER'S STAMP:

NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:
40214

COUNTY:
WASHTENAW

LATITUDE:
42° 14' 45.24" N

LONGITUDE:
83° 36' 58.14" W

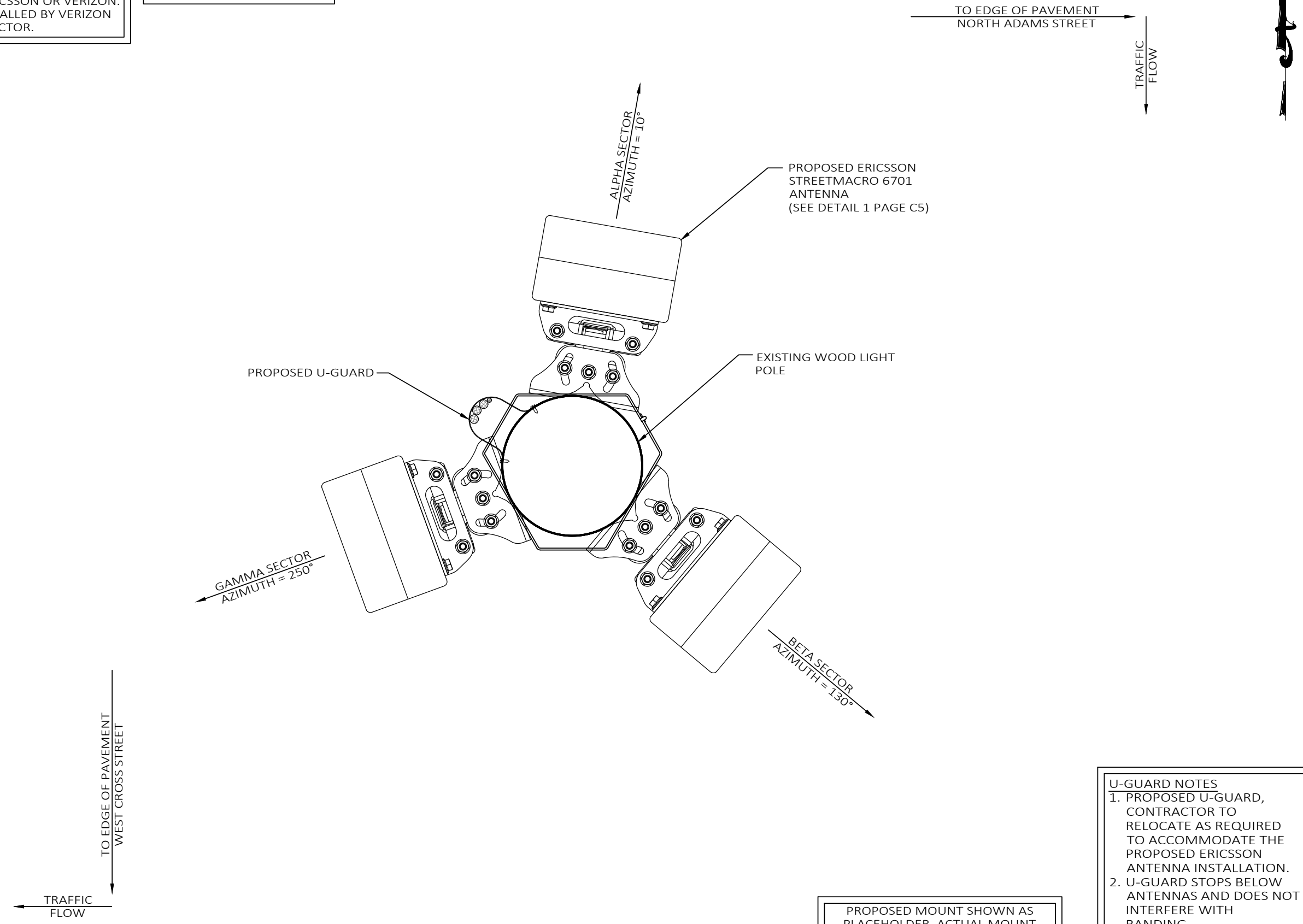
DESIGN TYPE:
COLOCATION

SHEET TITLE:
POLE ELEVATION

DRAWING NO. C2	REVISION: 0
-------------------	----------------

AZIMUTHS ARE SUBJECT TO CHANGE. CONTRACTOR TO VERIFY AZIMUTHS FROM FINAL RFDS FROM VZW. ANTENNA MOUNT TO BE SUPPLIED BY ERICSSON OR VERIZON. ANTENNA TO BE INSTALLED BY VERIZON CONTRACTOR.

INSTALL STRAIN RELIEF FOR POWER & FIBER CABLES AT OR NEAR ANTENNAS



PROPOSED MOUNT SHOWN AS
PLACEHOLDER. ACTUAL MOUNT
SUBJECT TO CHANGE PER DTE AND
VERIZON FUTURE DISCUSSIONS

- U-GUARD NOTES
1. PROPOSED U-GUARD, CONTRACTOR TO RELOCATE AS REQUIRED TO ACCOMMODATE THE PROPOSED ERICSSON ANTENNA INSTALLATION.
 2. U-GUARD STOPS BELOW ANTENNAS AND DOES NOT INTERFERE WITH BANDING.
 3. U-GUARD MUST BE RACEWAY CAPABLE.

PREPARED FOR:



PREPARED BY:

TeleCAD Wireless

1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION

ENGINEER'S STAMP:

STATE OF MICHIGAN

STEPHEN E. HUNT
ENGINEER
No. 6201054169

NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:
40214

COUNTY:
WASHTENAW

LATITUDE:
42° 14' 45.24" N

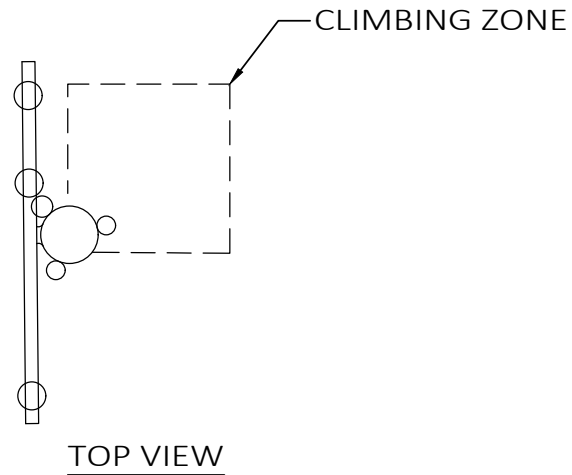
LONGITUDE:
83° 36' 58.14" W

DESIGN TYPE:
COLOCATION

SHEET TITLE:
ANTENNA LAYOUT

DRAWING NO. C2A	REVISION: 0
--------------------	----------------

POLE ATTACHED EQUIPMENT	
EQUIPMENT	VOLUME (CU-FT)
STREET MACRO 6701 ANTENNA	0.46
STREET MACRO 6701 ANTENNA	0.46
STREET MACRO 6701 ANTENNA	0.46
TOTAL IN CU-FT	1.38



- NOTES:
1. WORKING CLEARANCE FROM ENERGIZED ANTENNA MUST BE GREATER THAN 4 FT, OTHERWISE SHUT DOWN RADIO AND ANTENNA PER INSTRUCTIONS ON PLACARD OR BY OPENING DISCONNECT SWITCH TO RADIO EQUIPMENT ON POLE.
 2. ANTENNA AND MOUNTING BRACKETS INSTALLED ABOVE DTE WIRES MUST BE INSTALLED AND MAINTAINED BY DTE OR DTE'S DESIGNATED CONTRACTOR.
 3. VERTICAL CLIMBING ZONE MUST BE MAINTAINED ON ALL POLES. (SEE TOP VIEW)
 4. BASE CABINET TO BE CLEARLY LABELED WITH OWNER'S NAME AND 1-800 PHONE NUMBER WITH 3/4" TALL LETTERING.
 5. SHUTDOWN PLACARD TO BE PLACED ON THE POLE NEAR BASE CABINET AND DISCONNECT SWITCH BOX.
 6. 5' FT MIN. CLEARANCE ABOVE ANY DTE EQUIPMENT.
 7. ANTENNA POLE TOP CLEARANCES APPLY TO ANY DTE EQUIPMENT OR WIRES INSTALLED UNDER THE ANTENNA.

REFERENCE DTE ENERGY
CELLULAR ANTENNA SMALL CELL SITE CONSTRUCTION
LINE CONSTRUCTION STANDARDS 4-JOINT USE 1-4-26.1
DATED 11/1/2017

PREPARED FOR:



PREPARED BY:

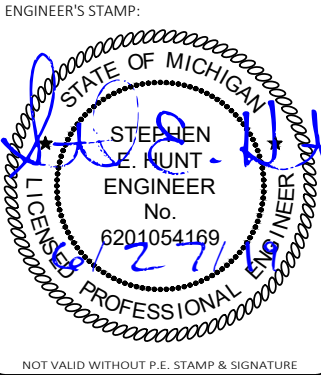


1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

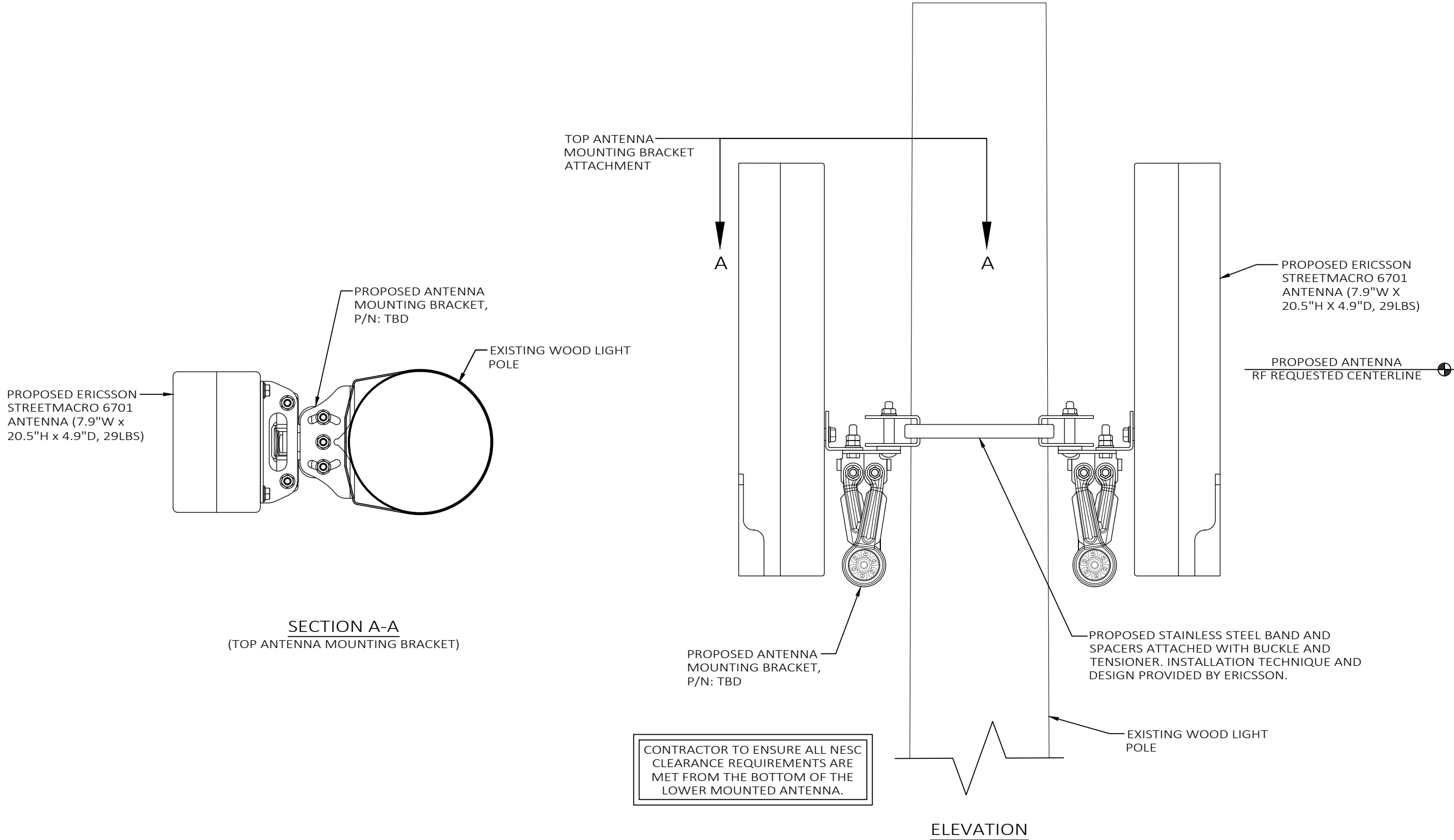
DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS
SET OF DOCUMENTS IS PROPRIETARY BY
NATURE. ANY USE OR DISCLOSURE OTHER
THAN THAT WHICH RELATES TO THE
CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION



SITE NAME:	40214
COUNTY:	WASHTENAW
LATITUDE:	42° 14' 45.24" N
LONGITUDE:	83° 36' 58.14" W
DESIGN TYPE:	COLOCATION
SHEET TITLE:	DTE NOTES
DRAWING NO.	REVISION:
C3	0



PREPARED FOR:



PREPARED BY:

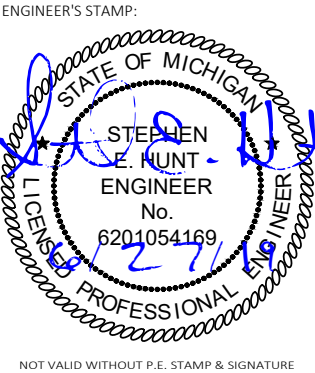


1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS
SET OF DOCUMENTS IS PROPRIETARY BY
NATURE. ANY USE OR DISCLOSURE OTHER
THAN THAT WHICH RELATES TO THE
CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION



SITE NAME:	40214
COUNTY:	WASHTENAW
LATITUDE:	42° 14' 45.24" N
LONGITUDE:	83° 36' 58.14" W
DESIGN TYPE:	COLOCATION

SHEET TITLE:	SITE DETAILS
--------------	--------------

DRAWING NO.	REVISION:
C4	0

Spectrum:

IBW

OBW

EIRP

28 GHz

Full band

800 MHz

~ 55 dBm

of Users:

Total Antenna BW:

Throughput:

RI ports:

TN/IDLports:

Misc:

2,000+

1600 MHz

5 Gbps DL/ 1 Gbps UL

2

2

4xExternal Alarms, USB connector
PoE, GPS, 1588 Synch

Weight:

Size:

Operational conditions:

Cooling:

Power:

IP Class:

~ 13 kg (29 lbs)

20,5"x4,9"x7,9" (13 l)

-40 to +55 degrees

Active

AC, <300W Max

IP 65

Ericsson Confidential | 2018-03-15



20,5"x5"x8" Not to Exceed Dimensions

CFIT BOX

PART CODE: CFIT-C48D4LHXVZ
DESIGNED BY CHARLES INDUSTRIES



PRODUCT SPECIFICATIONS

TECHNICAL SPECIFICATIONS	
HEIGHT (PANEL ONLY)	15 in.
DEPTH, BASE (FRONT TO BACK)	5.5 in.
WIDTH	12 in.
WEIGHT	4 lbs.
CONSTRUCTION	RUGGED UL94-5VA GRAY POLYCARBONATE
SUPPORTED FIBER CONNECTOR TYPES	SC, LC or MPO
COMPLIANCE	DESIGNED TO MEET GR-950, GR2898, NEMA 4, IP66
SPLICING CAPACITY	UP TO THREE (3) 4"x6" HINGED SPLICE TRAYS ON FEED FIBER SIDE.
BULKHEAD CAPACITY	24 SC ADAPTERS

PREPARED FOR:



PREPARED BY:

TeleCAD

Wireless

1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION

ENGINEER'S STAMP:

NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:
40214

COUNTY:
WASHTENAW

LATITUDE:
42° 14' 45.24" N

LONGITUDE:
83° 36' 58.14" W

DESIGN TYPE:
COLOCATION

SHEET TITLE:
EQUIPMENT DETAILS

DRAWING NO. C5	REVISION: 0
-------------------	----------------

ELECTRICAL NOTES:

1. PROVIDE AND INSTALL WARNING TAPE FOR ELECTRIC SERVICE CONDUIT 12" BELOW GRADE.
2. CONTRACTOR TO PAY FOR THE SERVICE AS DIRECTED BY THE MUNICIPALITY.
3. CONTRACTOR TO USE PVC SCH 40 CONDUIT WHERE CONDUITS CROSS ACCESS ROADS.
4. CONTRACTOR SHALL COORDINATE WITH ELECTRIC AND TELEPHONE UTILITY COMPANIES FOR SERVICES.
5. CONTRACTOR TO PAY ALL FEES FOR SERVICES REQUIRED.
6. CONTRACTOR TO BE ADVISED THAT EXISTING UNDERGROUND CONDUITS, GROUND CABLES EXIST. DIG WITH CAUTION.
7. CONTRACTOR TO VERIFY POWER AND TELCO LB LOCATIONS AND FLEX CONDUIT SIZE AND ROUTING TO THE EQUIPMENT SHELTER WITH MANUFACTURER'S DRAWINGS.
8. OPEN CUT CONSTRUCTION THROUGH EXISTING PAVEMENT, I.E. ROADWAYS, PARKING AREAS, SIDEWALKS WILL NOT BE ALLOWED. CONSTRUCTION UNDER EXISTING PAVEMENTS WILL BE REQUIRED TO BE INSTALLED WITH DIRECTIONAL BORING TECHNIQUE.

UTILITY NOTES:

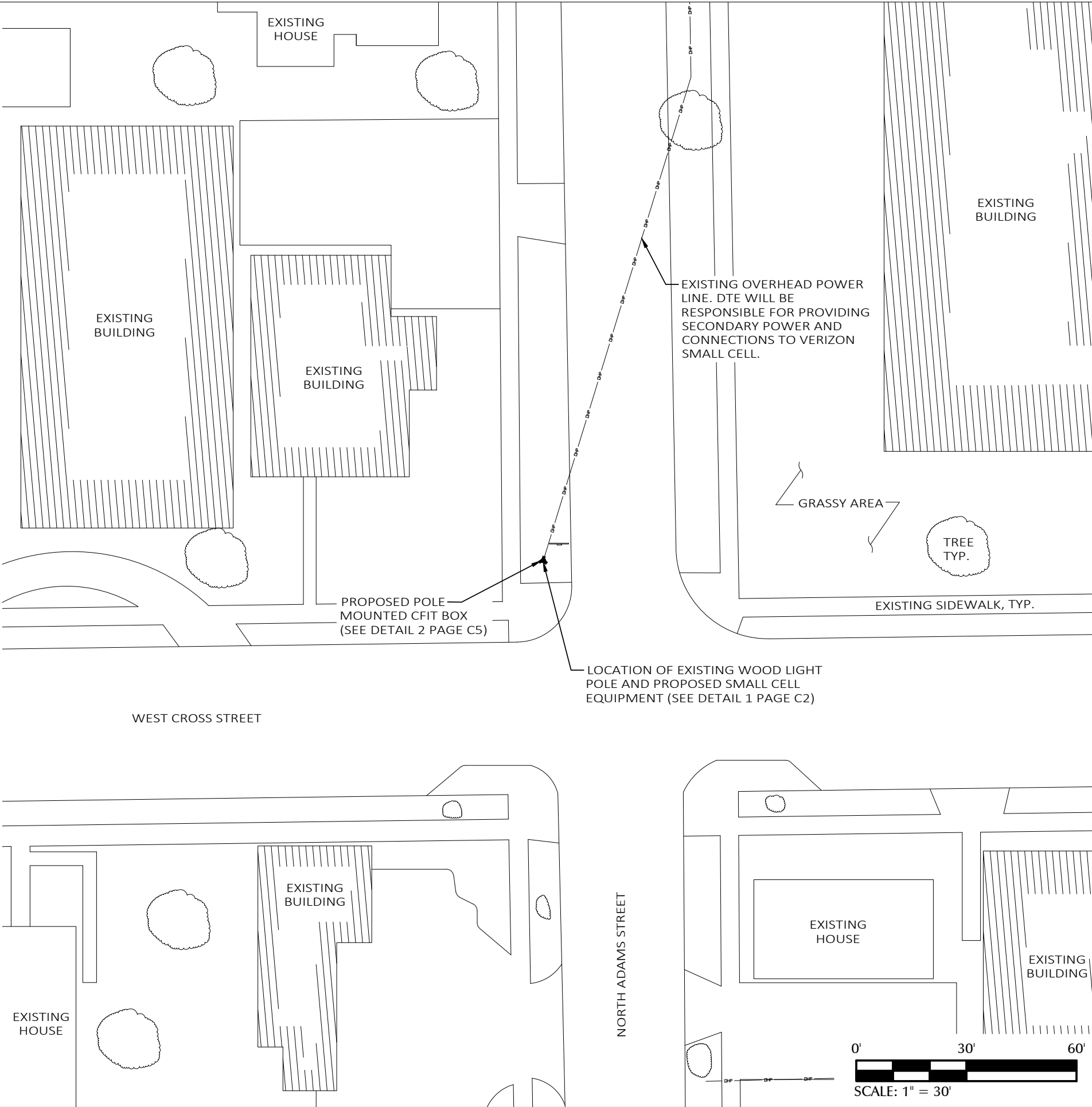
1. ALL POWER CONDUITS ABOVE GRADE, SWEEPS, & ELBOWS TO BE PVC SCH 40.
2. INSTALL PULL STRING IN TELCO CONDUIT.

STANDARD POWER SUPPLY FOR THE SMALL CELL NODES IS A 100 AMP 120/240 VOLT SINGLE PHASE SERVICE

SERVICE CONDUCTOR MAXIMUM DISTANCE CHART (BASED ON 80 AMP MAX. CONTINUOUS LOAD)			
WIRE SIZE	ALUMINUM 120V	COPPER 120V	CONDUIT SIZE
3 AWG	55'	90'	3/4" MIN
2 AWG	70'	115'	3/4" MIN
1 AWG	85'	145'	3/4" MIN
1/0 AWG	110'	180'	1" MIN
2/0 AWG	140'	230'	1" MIN
3/0 AWG	175'	290'	1 1/4" MIN
4/0 AWG	220'	365'	1 1/4" MIN
250 KCMIL	265'	435'	1 1/4" MIN
300 KCMIL	315'	520'	1 1/2" MIN
350 KCMIL	370'	610'	1 1/2" MIN
400 KCMIL	420'	695'	2" MIN
500 KCMIL	530'	870'	2" MIN

LEGEND

UNDERGROUND POWER	USP	CATCH BASIN	Grid Symbol
OVERHEAD POWER	DHP	IRON PIN SET (IPF) 3/8" REBAR	Circle with dot
OVERHEAD UTILITIES	DHU	IRON PIN FOUND (IPF)	Circle with dot and cross
UNDERGROUND TELCO	UGT	BENCHMARK	Circle with cross
OVERHEAD TELCO	DHT	CONCRETE MON. FOUND	Square
GAS LINE	GAS	CONCRETE MON. SET	Square with cross
FENCE	X	UTILITY POLE	Circle with cross
SEWER LINE	SVR	LIGHT POLE	Circle with dot and cross
WATER LINE	VTR	WATER VALVE	Circle with cross and X
COAX CABLE	C	MANHOLE	Circle with M
HYBRID CABLE	HYB	GAS VALVE	Circle with cross and X
HIGH VOLTAGE POWER	HVP	FIRE HYDRANT	Circle with H
FIBER	FBR	TELCO PEDESTAL	Circle with T
RIGHT-OF-WAY	RDW	ELECTRICAL PULL BOX	Square with E
PROPERTY LINE	PL		
EDGE OF PAVEMENT	EDP		



PREPARED FOR:



PREPARED BY:

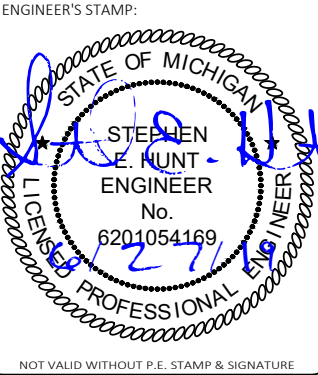


1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

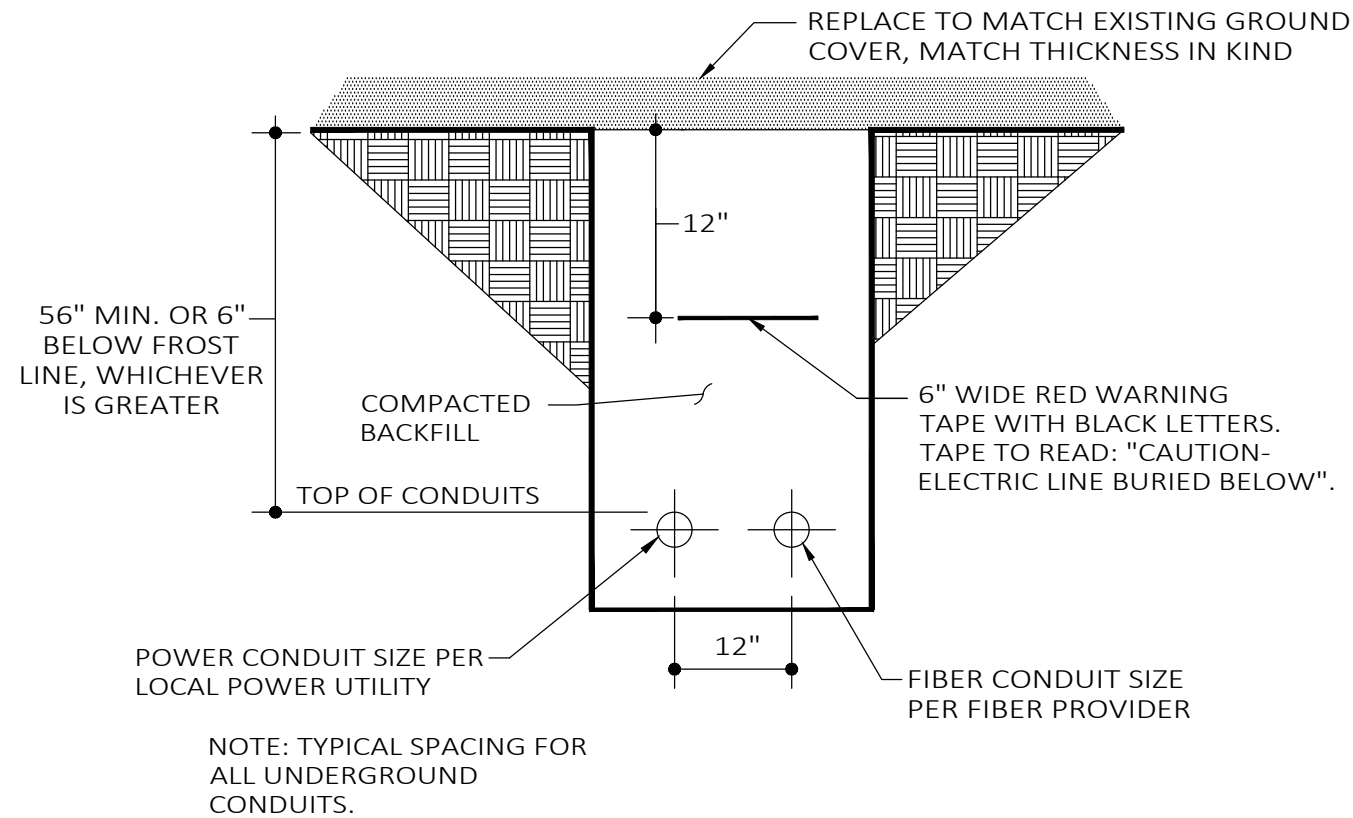
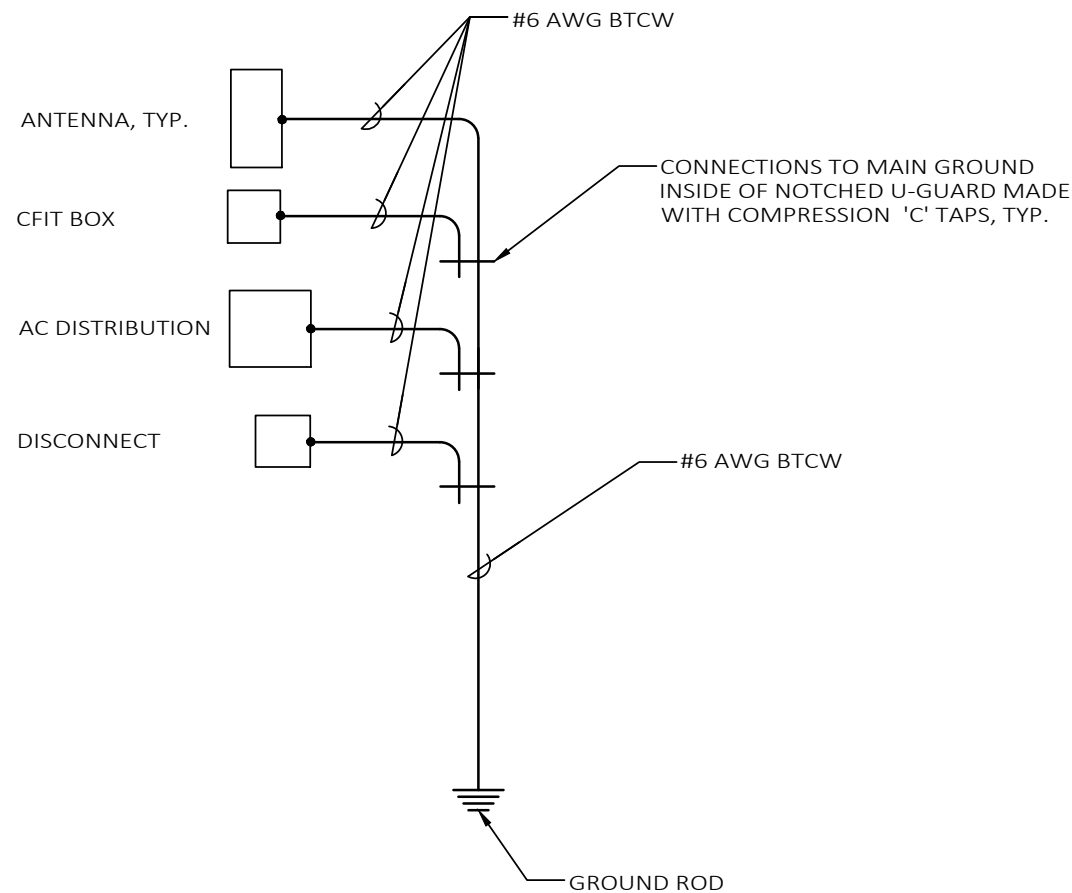
REVISIONS			
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION



SITE NAME:	40214
COUNTY:	WASHTENAW
LATITUDE:	42° 14' 45.24" N
LONGITUDE:	83° 36' 58.14" W
DESIGN TYPE:	COLOCATION

SHEET TITLE:
UTILITY SITE PLAN

DRAWING NO. E1	REVISION: 0
-------------------	----------------



PREPARED FOR:

verizon

PREPARED BY:

TeleCAD Wireless

1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS				
O	06/27/19	DAJ	CONSTRUCTION ISSUE	
A	06/19/19	LA	PRELIMINARY REVIEW	
NO.	DATE	BY	DESCRIPTION	

ENGINEER'S STAMP:

STATE OF MICHIGAN

STEPHEN E. HUNT
ENGINEER
No. 6201054169

LICENSED PROFESSIONAL ENGINEER

NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:

40214

COUNTY:

WASHTENAW

LATITUDE:

42° 14' 45.24" N

LONGITUDE:

83° 36' 58.14" W

DESIGN TYPE:

COLOCATION

SHEET TITLE:

ELECTRICAL DETAILS

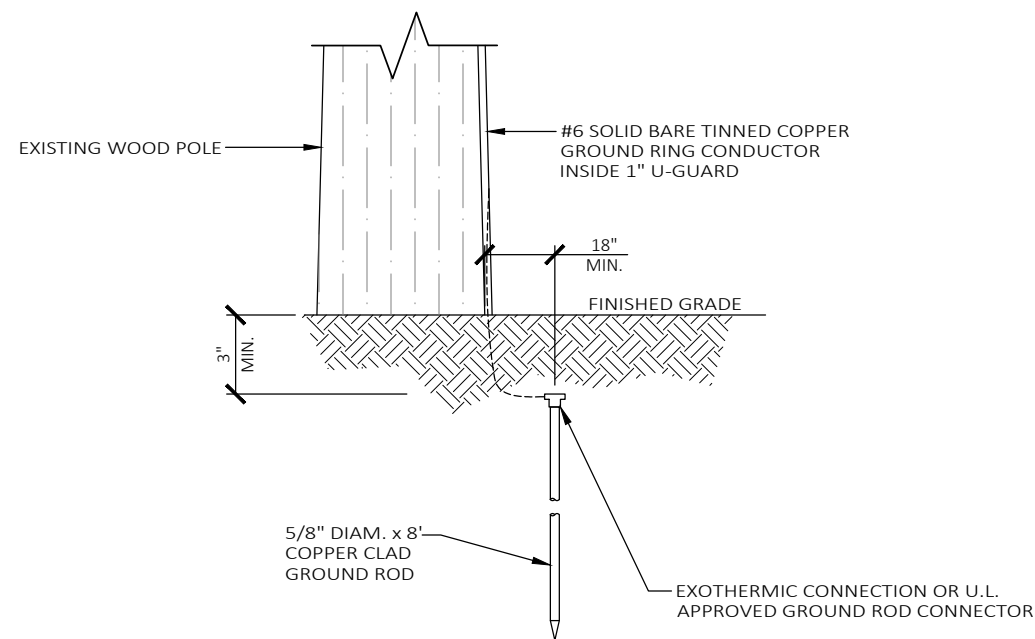
DRAWING NO.	REVISION:
E2	0

1 SINGLE POINT RADIAL GROUND DETAIL

N.T.S.

2 TRENCH DETAIL (IF REQUIRED)

N.T.S.



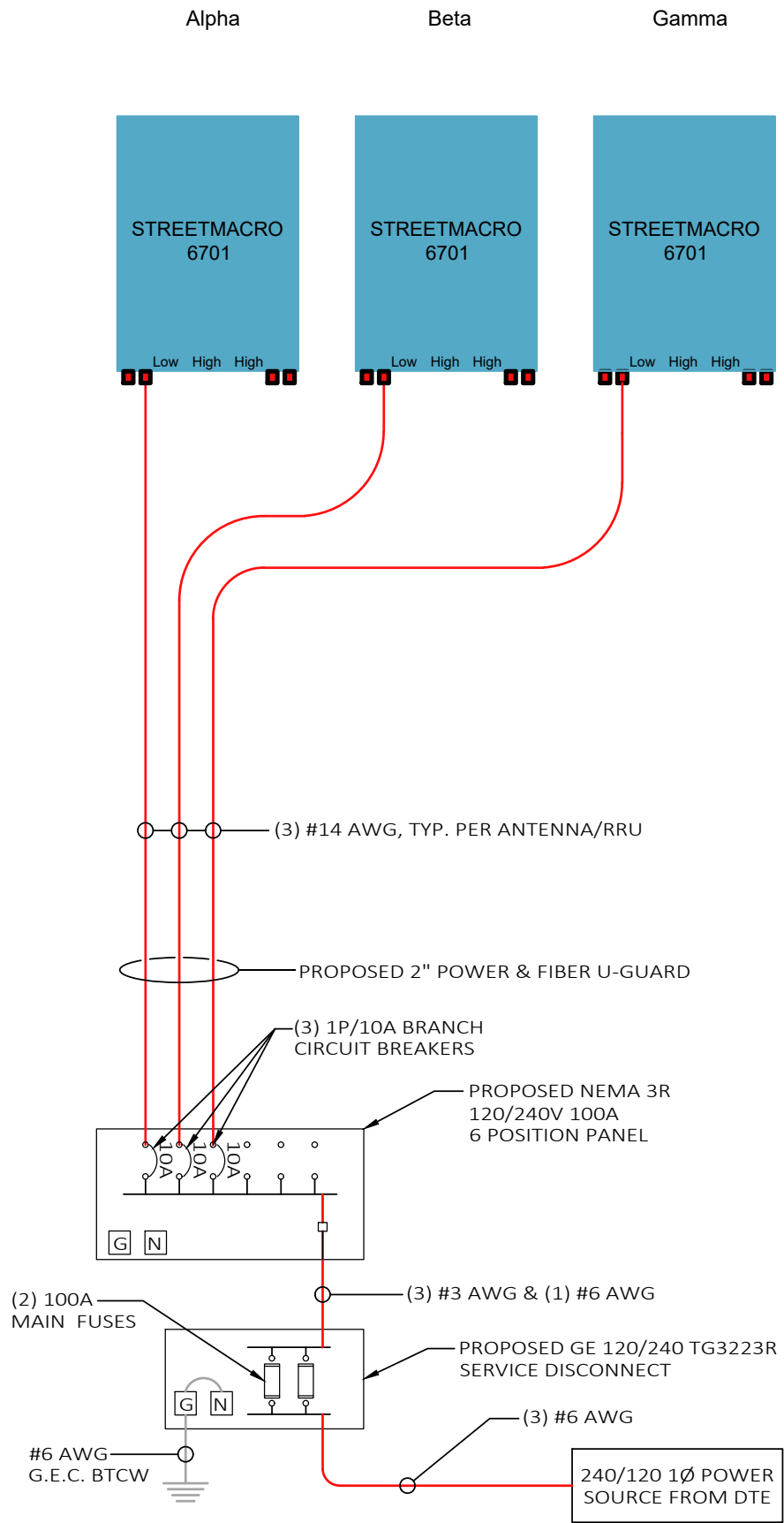
3 GROUND ROD DETAIL

N.T.S.

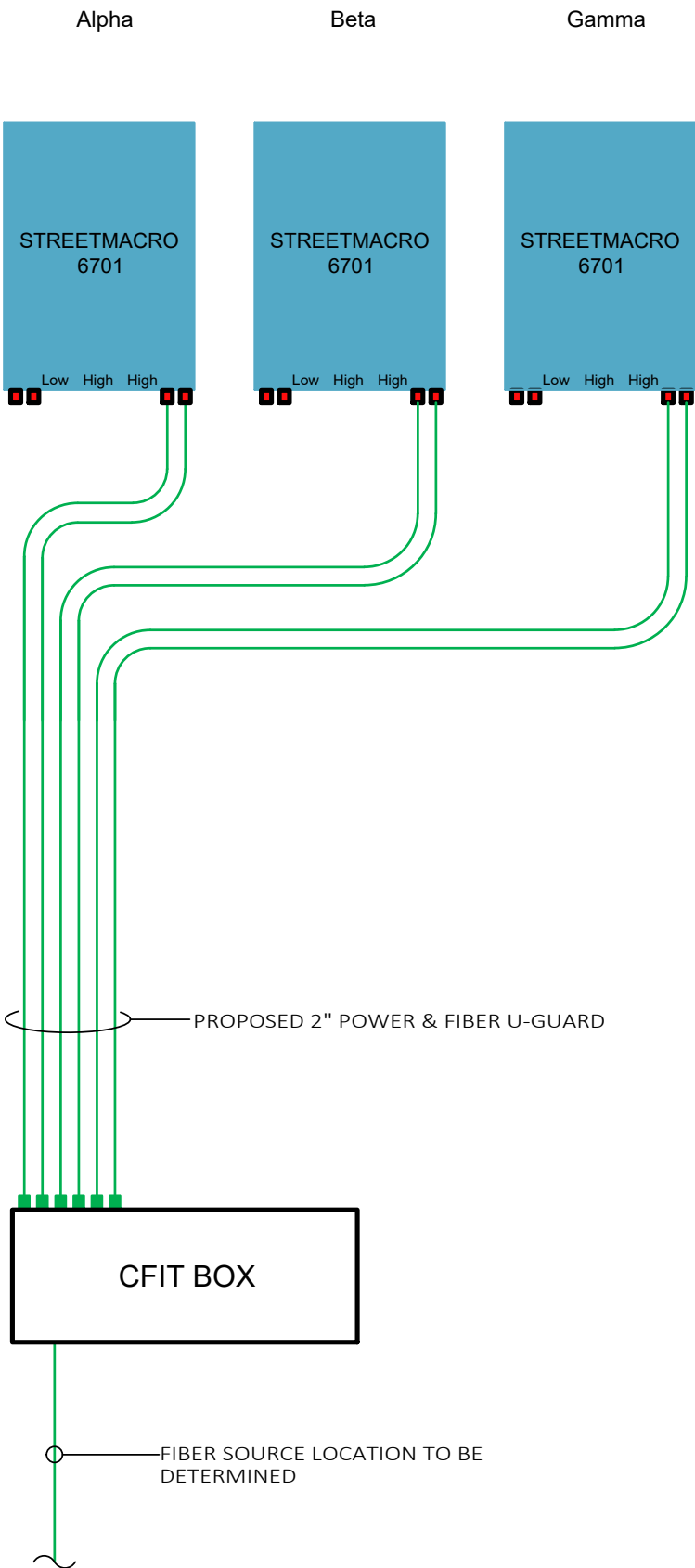
4 DETAIL NOT IN USE

N.T.S.

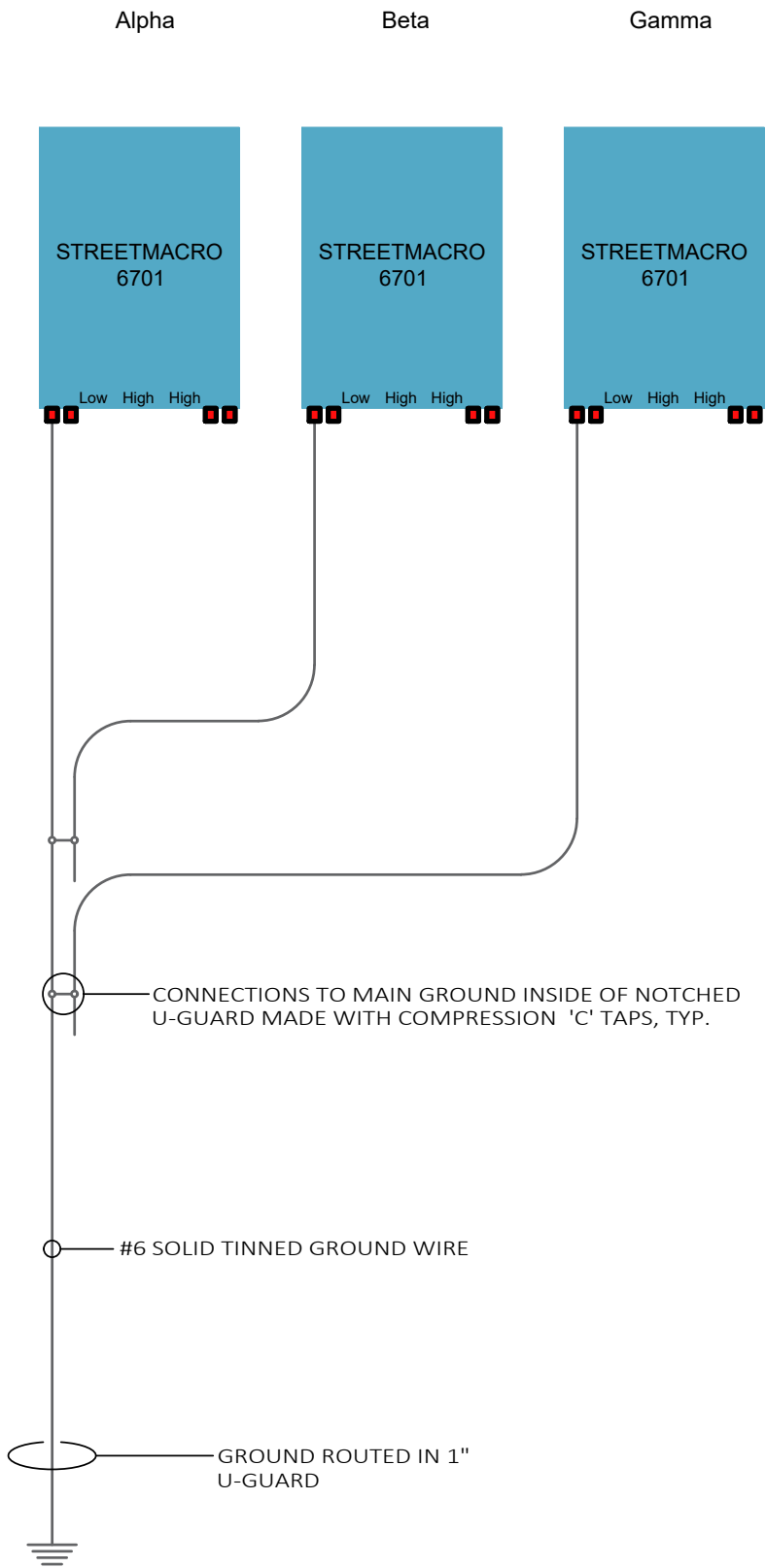
POWER ROUTING



FIBER ROUTING



GROUND ROUTING



PREPARED FOR:



PREPARED BY:

TeleCAD Wireless

1961 NORTHPOINT BLVD, SUITE 130
HIXSON, TN 37343
PH: 423-843-9500
FAX: 423-843-9509

DRAWING NOTICE:
THE INFORMATION CONTAINED IN THIS SET OF DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO THE CLIENT IS STRICTLY PROHIBITED.

DRAWN BY:	LA
CHECKED BY:	CTD

REVISIONS			
O	06/27/19	DAJ	CONSTRUCTION ISSUE
A	06/19/19	LA	PRELIMINARY REVIEW
NO.	DATE	BY	DESCRIPTION

ENGINEER'S STAMP:

STATE OF MICHIGAN

STEPHEN E. HUNT
ENGINEER
No. 6201054169

NOT VALID WITHOUT P.E. STAMP & SIGNATURE

SITE NAME:
40214
COUNTY:
WASHTENAW
LATITUDE:
42° 14' 45.24" N
LONGITUDE:
83° 36' 58.14" W
DESIGN TYPE:
COLOCATION

SHEET TITLE:
SINGLE LINE DIAGRAM

DRAWING NO.	REVISION:
E3	0



Facing northeast to light pole.



Facing southeast to light pole and 430 N Adams



Facing east, view from light pole.



Facing north from light pole.



Facing northwest from light pole.



Facing southwest from light pole.



Facing south from light pole.



City of Ypsilanti

Community and Economic Development

December 03, 2020



CERTIFICATE OF APPROPRIATENESS

RE: Work Permit Application (PHDC-20-0088) for Re-roofing at 9 N RIVER

Dear MR ROOF ANN ARBOR LLC,

Staff has reviewed the Historic District Work Permit Application for the above named address. Your application to reroof the house with SureNail Architectural Shingles in "Estate Gray," with a white drip edge has been **approved**. Please see condition 5 regarding ventilation. We understand that there are currently can vents on the house, and due to the pitch, a ridge vent is not really possible. New vents may replace the old, and any additional vents as proposed are not to be visible from the right-of-way.

The following Historic District conditions must be followed in all roofing projects:

1. **Any decorative or unusual feature on the roof, trim or molding must be maintained.** Roof deck shall overhang sufficiently to accommodate duplication of any trim or molding.
2. **Shingles shall match the current shingles in color and material.** Must be asphalt or fiberglass traditional three-tab or dimensional (i.e. architectural).
3. **Metal work, drip edge, flashing vents, must have color either factory-applied or applied on site and must match the existing colors.** No raw material.
4. **Flashing must be inserted under siding.** Color must closely match the adjacent surface (either roof shingles or building trim).
5. **Roof venting shall be accomplished through the use of ridge vents.** If additional vents must be used to meet code requirements, vents shall have a flat profile and closely match the roof color. Can vents are prohibited unless deemed necessary for code compliance. Any new can vents must be placed at the rear of the structure and *must not* be visible from the street.

6. **Gutter straps must be installed under the roof shingles.** Downspouts must be located at the corners of the structure.
7. **Torches are not to be used at any time during installation.**

The following Secretary of Interior Standards were considered in approving your application:

- #5 – Preserve distinctive features.
- #10 – New work shall be removable.

This detailed list takes the place of your presence at a Historic District Commission (HDC) meeting. Therefore, it is important that you read carefully and follow **all** guidelines detailed in this letter. This approval is for re-roofing only, which according to your application is the only work being performed at this time. Any work on the gutters, fascia, soffits or trim must be reviewed by the HDC. If you have any questions regarding this information please contact me at (734) 483-9646. **Approval by the Historic District Commission does not exempt you from nor can it be substituted for zoning or building department approval.**

Sincerely,


Scott E. Siagor, Preservation Planner
Community & Economic Development Department

CC: Property Owner 
File
Building Department



RECEIVED

NOV 30 2020

CITY OF YPSILANTI
BUILDING DEPARTMENT

**City of Ypsilanti
Historic District Commission
Work Permit Application**

One South Huron • Ypsilanti, MI 48197
Phone: (734) 483-9646 • Fax: (734) 483-7260
www.cityofypsilanti.com

R.28139 #
(See attached & enclosed check) #10332 for \$203

OFFICE USE ONLY

Date Filed:

Meeting Date:

Action Item/Study Item

PHD 20 0088

To complete this application:

1. Complete this form.
2. Attach the following documents:
 - a. Photo(s) showing all locations where work is proposed (can be emailed).
 - b. Catalog cut sheets or similar details for windows, doors, light fixtures, and any other manufactured or preassembled components—this includes information from catalogues, professional quotes, or websites (can be emailed).
 - c. Dimensioned drawings of any new construction or modifications to existing structures, including awnings and signs.
 - d. A sketch plan, if proposal is for work on the grounds and not just the main structure (e.g., installing a new driveway, fence, or shed). This can be drawn on a scaled copy of a mortgage survey.
3. Applications and materials must be received by the Building Department **no later** than 4pm on the Tuesday one week prior to the meeting.

INCOMPLETE APPLICATIONS WILL NOT BE PLACED ON THE AGENDA

Property

Address
9 North River, Ypsilanti

Applicant

**If applicant is not owner of property, a written statement from the owner authorizing this application must be included.*

Name Mr. Roof		
Address [REDACTED]		
City Ann Arbor	State MI	Zip 48108
Phone / Fax [REDACTED]	E-Mail [REDACTED]	

Contractor

Contractor Name & Contact Info
Mr. Roof - Jeff Malinczak, Operations Manager

Type of work

- | | | |
|--|--|--|
| ☒ Roofing | ☐ Porches | ☐ Painting |
| ☐ Window/Door Replacement | ☐ Sign | ☐ Other |
| | ☐ Fence (or other sitework) | ☐ Application Amendment |

Complete Description of Proposed Work:

Tear off + reroof (House only)
24.5 Squares

Deteriorating roof materials, shingles in need of replacement. Please see attached copy of customer contract for details of job.

Materials (for paint include color chips or samples with application):

Permit Application Fee (action items only)

The fee is \$45 for the first \$3,000 in construction cost plus \$5 for every additional \$3,000 of construction cost. There is a flat fee of \$10 for painting only. *An additional fee of \$50 applies to HDC work started without the applicable permit.*

Construction Cost:

\$9000.00

Permit fee:

\$45 + 10.00 = 55.00

Signature

I hereby attest that the above information is accurate. I am authorized to and grant permission to the City of Ypsilanti staff to be on the subject property for the purposes of preparing staff reports and/or evaluating this application.

I further affirm that this property has, or will have before the proposed work is completed, a fire alarm system or smoke alarm complying with the Stille-DeRossett-Hale single-state construction code, PA 230 of 1972, as amended

Signature:

Date:

11-23-20

Print Name:

Robert S. Stashefsky, Mr. Roof

If you have questions about what the HDC generally permits or does not permit, or what they need to see in an application to render a decision, please call the office at 734-483-9646 or view our factsheets online at cityofypsilanti.com/hd.

All other necessary approvals and permits must be acquired before beginning work.



MASONRY - SIDING - WINDOWS

**STANDARD
LIFETIME SYSTEM
FIBERGLASS CONTRACT**

Fax 866-711-7755

800-949-0009

1-800-4-MR-ROOF

**ROOFING
CONTRACTOR**
OF THE YEAR

GUARANTEED
1-DAY
INSTALLATION

Year After Year, Nobody Installs More New Roofs... Nobody!

Name MICAH BRACKEN Date 11/17/2020 Twp City of
Street 9. NORTH RIVER City YPSILANTI Zip 48198
Telephone Number [REDACTED] Telephone Number _____ E-mail _____
Inspector Name GEORGE H. Inspector Phone Number 248-421-2085

1. Prepare house to have roof removed, (tarp, etc.) to ensure debris does not damage any siding, shrubs, lawn, etc. Remove all old roofing material to original roof decking, secure any problem areas, remove and replace any rotten wood decking.
2. The first 40' of 1" x 6" boards or 2 - 4' x 8' sheets of O.S.B. is included. Thereafter, a charge of \$2.50 per foot of 1" x 6" (not fascia/trim) and \$65.00 per each 4' x 8' sheet of O.S.B. will be added to the subtotal. Please initial con
3. Install commercial grade rubberized ice guard a minimum of 6' up all eaves including valleys, flashing, chimneys, as needed. This provides a weather tight seal that deters water caused from ice dams from penetrating the roofing system. (Level 5)
4. Install **THUNDERSHIELD**, a commercial grade **S.B.S.** synthetic underlayment, on remainder of roof deck. **THUNDER-SHIELD** not only provides a secondary defense but most importantly it will reduce shingle scorching. (Level 7)
5. All shingles to be nailed using galvanized, high-wind barbed, **TRIDENT-3 HOOK NAILS**. (Level 7)
6. Install **THUNDEREDGE** heavy duty 1.65" edging to all rake edges and non-heated eaves. (Level 7)
7. Install **THUNDERFASCIA STREAM** high efficiency venting system along all heated eaves. This specialized product is used to create the necessary fresh air intake ventilation you must have to deter mold growth and reduce moisture in insulation thus making it more energy efficient and creating a healthier, more comfortable environment. (Level 7)
8. Install 9 **THUNDERVENTS**. This is the only vent that pulls the air from the top of the vent using the Venturi effect and is guaranteed to be waterproof, not just water resistant. (Level 7) and/or _____' of low profile ridge system.
9. Install a multiple layer high-wind sealant strip perimeter system on all outside edges. (Level 7)
10. Install commercial grade neoprene vent stack collars to all stack pipes to ensure a watertight seal.
11. Install closed cut, **RUBBERIZED** multiple layer valley system. We use a SBS granulated roof membrane, not a 90 lb. paper valley.
12. Flash and counter flash chimneys and walls where necessary. **FLASHING TO BE SAW CUT INTO THE BRICK**. This process binds the heavy gauge aluminum to the brick and guarantees zero water penetration. (Level 7)
13. Install limited O.C. DURATION **LIFETIME MANUFACTURERS WARRANTED PREMIUM** fiberglass architectural shingle.
14. Job to include thorough clean up and proper disposal of all debris that day. All permits, fees and taxes are included in this proposal. Permits pulled by **MR. ROOF, NOT A SUBCONTRACTOR**.
15. After the roof has settled, a quality control manager will re-inspect the roofing system to ensure the roof has settled correctly.

16. Limited lifetime warranty, 10 year 100% coverage, no-leak guarantee and full waiver of lien. Because **MR. ROOF** is the only single source company. Only **MR. ROOF** can provide a **NO GAP, 100% UNDIVIDED RESPONSIBILITY GUARANTEE**.

ROOF PRICE	\$ <u>9,000</u>	Squares	<u>24.5</u>	Sh. Color	<u>EASTATE GREY</u>	House Only	<u>Yes</u>	No
	\$	Layers	<u>1</u>	Flash	<u>(B)</u> Br Wh	Garage	Yes	<u>No</u>
	\$	Pitch	<u>5</u>	Drip	Bl Br <u>Wh</u> Wick	Stories	<u>1</u>	<u>(2)</u> 3
	\$	S.S. Rake	<u>80</u>	Chimney	<u>(1)</u> 2 3	Bath Vents	0	<u>1</u> 2 3
	\$	S.S. Edge	<u>270</u>	Ant./Dish	Stay <u>Toss</u>	Ridge Vent	Yes <u>No</u>	Ft. _____
	\$	Cap Feet	<u>155</u>	Remove Gutters	Yes <u>No</u>	Flash Feet	<u>60</u>	
DEPOSIT	\$ <u>(0)</u>	Vented Edge	<u>250</u>	Gut. Color		Rubber Color	_____	Sq. _____
SUBTOTAL	\$ <u>9,000</u>	Drip Edge	<u>30</u>	Insulation	Yes <u>No</u>	Redeck	Yes	<u>No</u>
EST. MONTHLY PAYMENT	\$ _____	Valley Feet	<u>9</u>	Add R-Value		Mold Kill	Yes	<u>No</u>
Added info:		Thun. Vent	<u>9</u>	Solar Fan	Yes <u>No</u>	Gutter Prot.	Yes	<u>No</u>
		Vent Color	<u>Bl Br Wh</u>			Other Trade		

Additional Work Will Only Be Performed If In Writing

8. Install 9 **THUNDERVENTS**. This is the only vent that pulls the air from the top of the vent using the Venturi effect and is guaranteed to be waterproof, not just water resistant. (Level 7) and/or _____ of low profile ridge system.
9. Install a multiple layer high-wind sealant strip perimeter system on all outside edges. (Level 7)
10. Install commercial grade neoprene vent stack collars to all stack pipes to ensure a watertight seal.
11. Install closed cut, **RUBBERIZED** multiple layer valley system. We use a SBS granulated roof membrane, not a 90 lb. paper valley.
12. Flash and counter flash chimneys and walls where necessary. **FLASHING TO BE SAW CUT INTO THE BRICK**. This process binds the heavy gauge aluminum to the brick and guarantees zero water penetration. (Level 7)
13. Install limited O.C. DURATION **LIFETIME MANUFACTURERS WARRANTED PREMIUM** fiberglass architectural shingle.
14. Job to include thorough clean up and proper disposal of all debris that day. All permits, fees and taxes are included in this proposal. Permits pulled by **MR. ROOF, NOT A SUBCONTRACTOR**.
15. After the roof has settled, a quality control manager will re-inspect the roofing system to ensure the roof has settled correctly.
16. Limited lifetime warranty, 10 year 100% coverage, no-leak guarantee and full waiver of lien. Because **MR. ROOF** is the only single source company. Only **MR. ROOF** can provide a **NO GAP, 100% UNDIVIDED RESPONSIBILITY GUARANTEE**.

ROOF PRICE	\$ <u>9,000</u>	Squares	<u>24.5</u>	Sh. Color	<u>ESTATE GREY</u>	House Only	☒ Yes	☐ No
	\$	Layers	<u>1</u>	Flash	☒ Br Wh	Garage	Yes	☒ No
	\$	Pitch	<u>5</u>	Drip	Bl Br <u>Wh</u> Wick	Stories	1	<u>(2)</u> 3
	\$	S.S. Rake	<u>80</u>	Chimney	<u>(1)</u> 2 3	Bath Vents	0	1 2 3
	\$	S.S. Edge	<u>270</u>	Ant./Dish	Stay <u>Toss</u>	Ridge Vent	Yes	☒ No Ft. _____
	\$	Cap Feet	<u>155</u>	Remove Gutters	Yes ☒ No	Flash Feet	<u>60</u>	
DEPOSIT	\$ <u>()</u>	Vented Edge	<u>250</u>	Gut. Color	_____	Rubber Color	_____	Sq. _____
SUBTOTAL	\$ <u>9,000</u>	Drip Edge	<u>30</u>	Insulation	Yes ☒ No	Redeck	Yes	☒ No
EST. MONTHLY PAYMENT	\$ <u>_____</u>	Valley Feet	<u>_____</u>	Add R-Value	_____	Mold Kill	Yes	☒ No
Added info:	_____	Thun. Vent	<u>9</u>	Solar Fan	Yes ☒ No	Gutter Prot.	Yes	☒ No
		Vent Color	☒ Br Ww	Additional Work Will Only Be Performed If In Writing.				

ice guard all of sun room on back of house see picture

all coupons & discounts applied

Notice of Right to Cancel - You the buyer may cancel this transaction at any time prior to midnight of the third business day after the date of this transaction. See the back of this contract for the notice of cancellation form for an explanation of this right.

Owners _____ Owners X _____ Date 11/17/2022

Inspector _____ **Circle Method of Final Payment** **FINAL PAYMENT DUE UPON COMPLETION** Finance Cash/Check Other _____

PRICE GIVEN IS THE CASH OR CHECK PRICE. IF PAYING BY CREDIT CARD, PLEASE ADD 3%. ADDITIONAL TERMS & CONDITIONS ON BACK.

There's a line between a good shingle and a great shingle™.
It's the nailing line on your shingles. The difference is having SureNail® Technology.

Excellent Adhesive Power
Helps keep the shingle layers laminated.

Outstanding Grip
The SureNail® strip enhances the already amazing grip of our proprietary Tru-Bond® sealant for exceptional wind resistance of a 130-MPH wind warranty.*

SureNail®

Breakthrough Design
Patented SureNail® Technology is the first and only reinforced nailing zone on the face of the shingle.

"No Guess" Wide Nailing Zone
This tough, engineered woven-fabric strip is embedded in the shingle to create an easy-to-see strong, durable fastener zone.

Triple Layer Protection**
A unique "triple layer" of reinforcement occurs when the fabric overlays the two shingle layers, called the common bond area.

Double the Common Bond
SureNail® features up to a 200% wider common bond area in the nailing zone over standard shingles.



Product Attributes

Warranty Length*

Limited Lifetime** (for as long as you own your home)

Wind Resistance Limited Warranty*

130 MPH

Algae Resistance Limited Warranty*

10 Years

Tru PROtection® Non-Prorated Limited Warranty* Period

10 Years

TruDefinition® Duration® Shingles Product Specifications

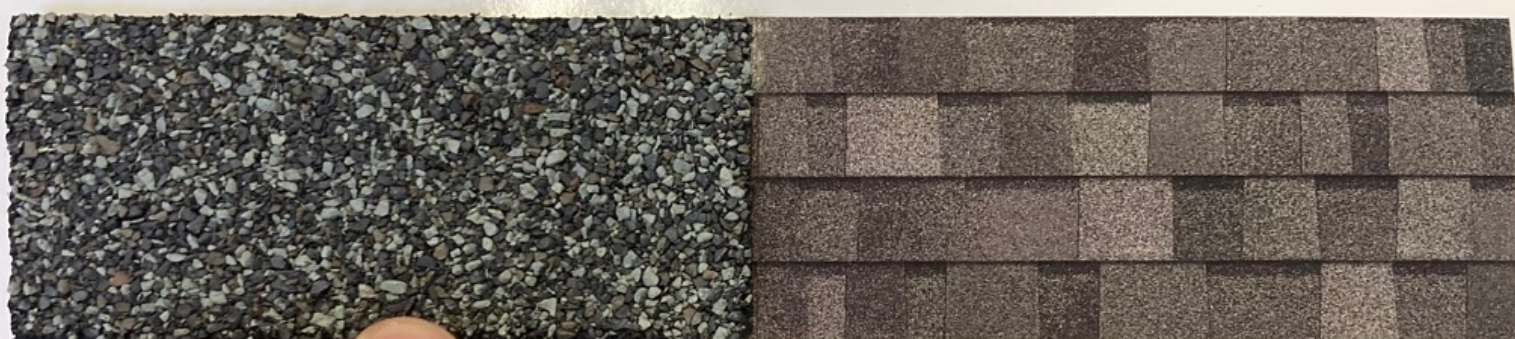
Nominal Size	13 1/4" x 39 3/8"
Exposure	5 5/8"
Shingles per Square	64
Bundles per Square	3
Coverage per Square	98.4 sq. ft.

Applicable Standards and Codes

ASTM D228
ASTM D3018 (Type 1)
ASTM D3462
ASTM D3161 (Class F Wind Resistance)
ASTM D7158 (Class H Wind Resistance)
ASTM E108/UL 790 (Class A Fire Resistance)
ICC-ES AC438*
UL E2453-01**
UL E2453-02**



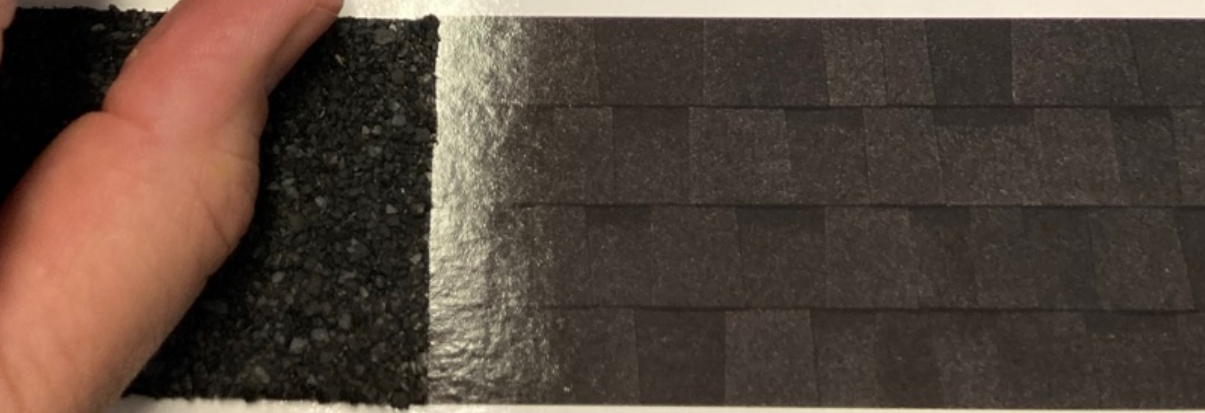
Driftwood†



Estate Gray†



Harbor Blue†



Onyx E



TruDefinition®
Duration® Series
Shingles with Patented SureNail® Technology

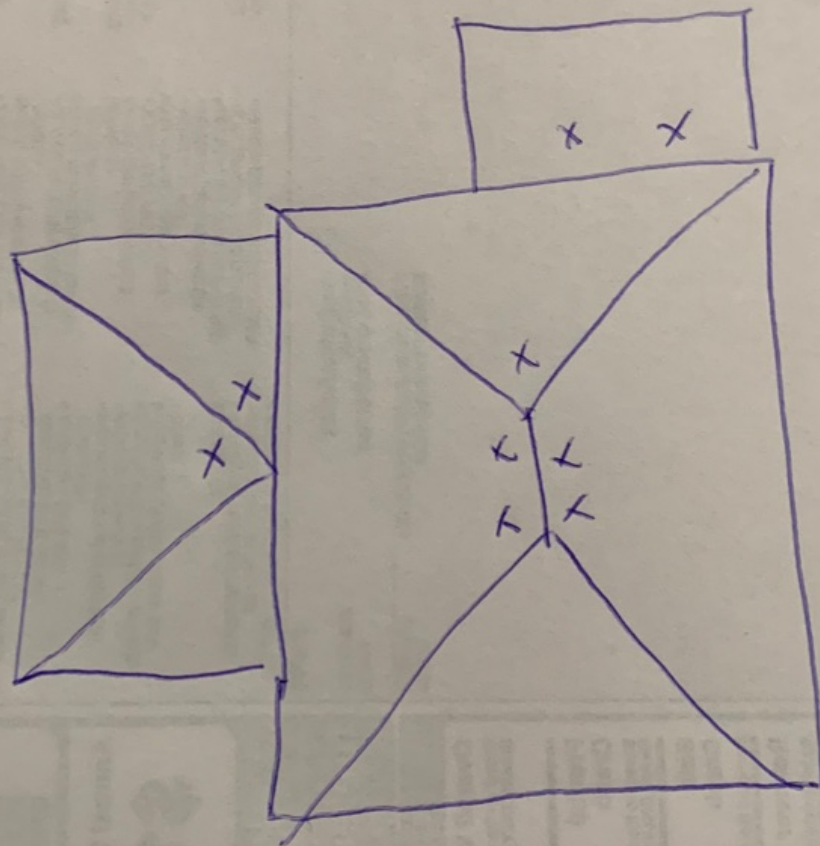
2011
WOMEN'S CHOICE AWARD®
AMERICA'S MOST RECOMMENDED
ROOFING PRODUCTS



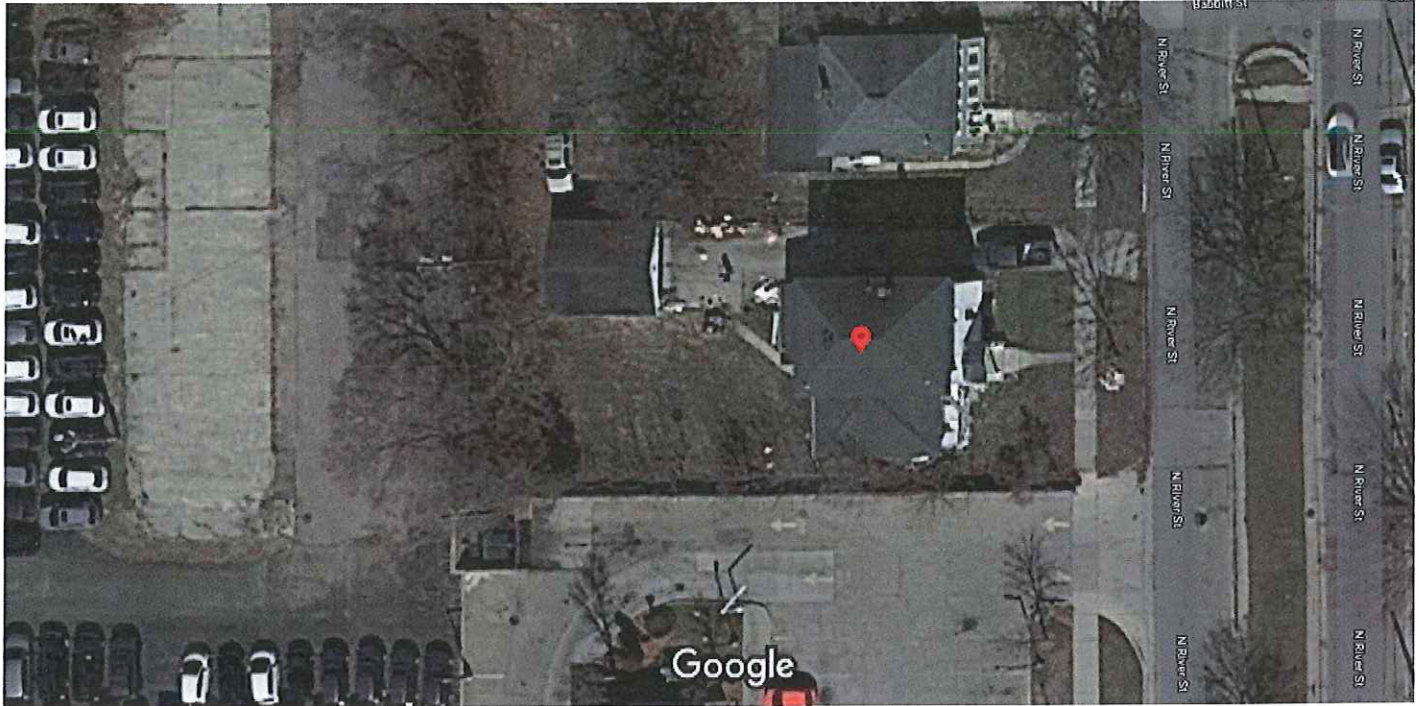
TruDefinition® Duration® Driftwood®

MICAH BRACKEN

9. NORTH RIVER
YPSILANTI



Google Maps 9 N River St



Map data ©2020, Map data ©2020

20 ft



9 N River St

Ypsilanti, MI 48198
Building

Directions



Save



Nearby

Send to your
phone

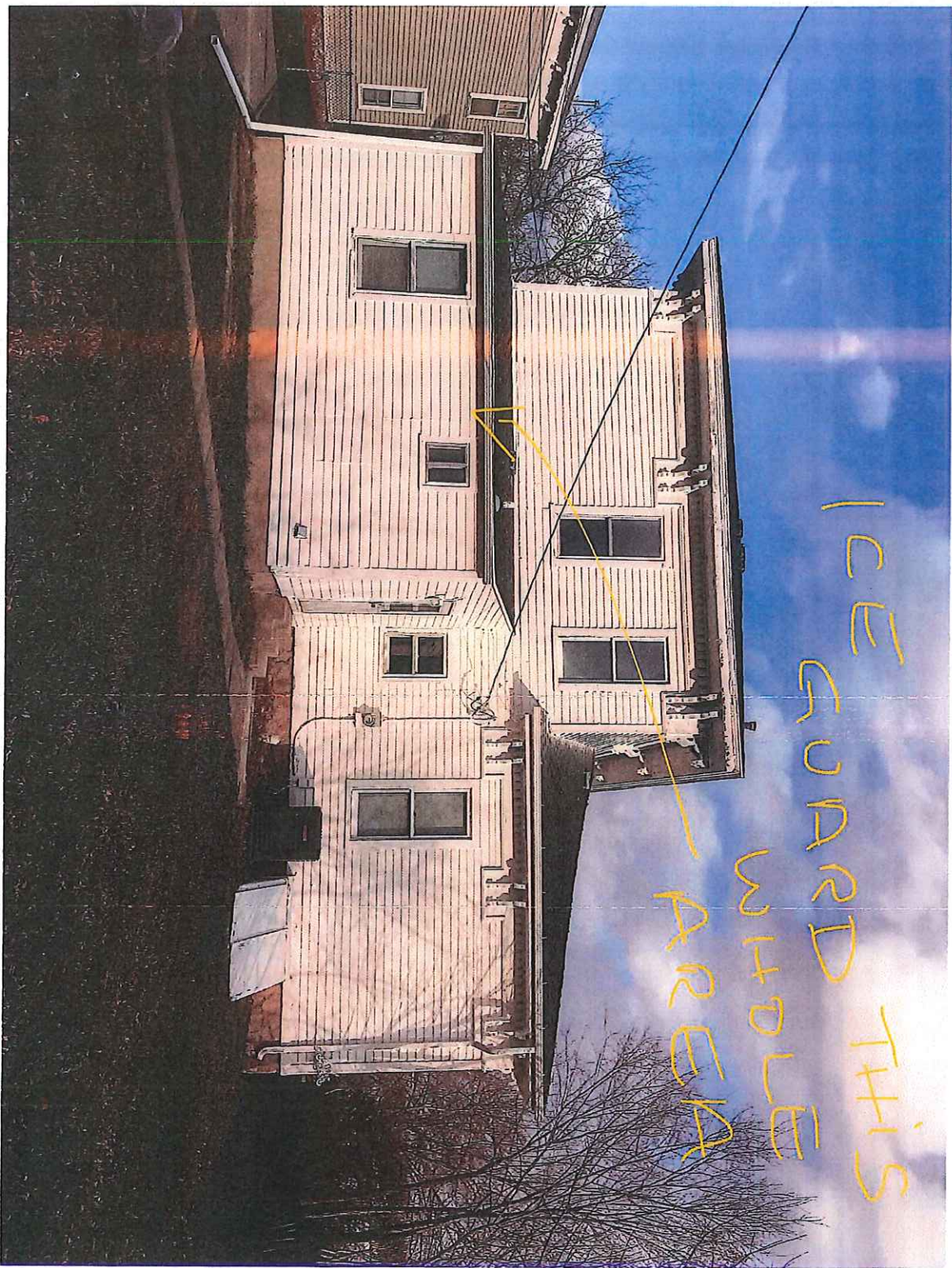
Share

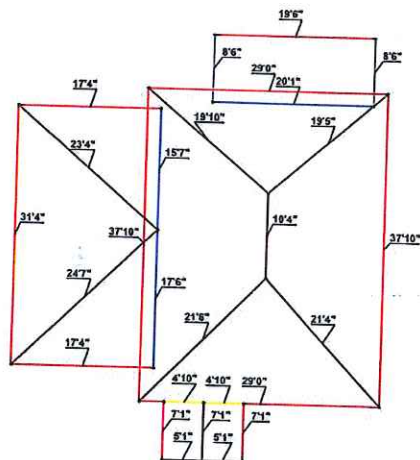
Photos





ICE GUARD THIS
MIDDLE
AREA





LINE MEASUREMENTS

19.64 Sqs.

22.39 Sqs.

Eaves:	233 Ft.
Rakes:	38 Ft.
Ridges:	17 Ft.
Hips:	130 Ft.
Valleys:	0 Ft.
Step:	53 Ft.
Wall:	0 Ft.
Pitch Change:	0 Ft.

CATEGORY MEASUREMENTS

1.64 Sqs.
17.99 Sqs.

Ice & Water Shield:	0 Ft.
Ridge Vent:	0 Ft.
Rake Edge:	0 Ft.
Eave Edge:	0 Ft.
Step Flashing:	0 Ft.
Apron Flashing:	0 Ft.
Gutters:	0 Ft.
Gutter Toppers:	0 Ft.
Down Spouts:	0 Ft.



City of Ypsilanti
HISTORIC DISTRICT COMMISSION
One South Huron Street
Ypsilanti, Michigan 48197

2021 Calendar of Meetings

The regular meetings of the City of Ypsilanti **Historic District Commission** for the year of 2021 will be held on the **second and fourth Tuesdays of each month**, unless a holiday falls on that date. Unless otherwise indicated, meetings will start at 7:00 p.m. in the City Hall Council Chambers (first floor) at One South Huron Street, Ypsilanti, Michigan.

Dates for the 2021 HDC meetings are as follows:

January 12	January 26
February 9	February 23
March 9	March 23
April 13	April 27
May 11	May 25
June 8	June 22
July 13	July 27
August 10	August 24
September 14	September 28
October 12	October 26
November 9	November 23
December 14	

The City of Ypsilanti encourages persons with disabilities to participate and will provide necessary reasonable auxiliary aids and services, such as signers for the hearing impaired, Limited English Proficiency (LEP) services, and audios of printed materials being considered at the meeting. Individuals requiring auxiliary aids or services should provide two (2) days' notice to the City, and contact the City by writing or calling the following:

City Clerk's Office
One South Huron Street
Ypsilanti, Michigan 48197-5420
(734) 483-1100

All persons are welcome to attend. For further information on the Historic District Commission, contact the Planning and Development Department at the above address, or 734-483-9646, or www.cityofypsilanti.com/hdc.



MINUTES

City of Ypsilanti HISTORIC DISTRICT COMMISSION Virtual Meeting

Tuesday, November 24, 2020
7:00 P.M.

CALL TO ORDER AND ROLL CALL

Chairperson Pettit Video/telephone usage instructions given for potential attendees
Meeting called to order at 7:02pm

Commissioners Present: Alex Pettit, Anne Stevenson, Erika Lindsay, James Chesnut

Commissioners Absent: Ron Rupert, Amy Swift

Staff Present: Scott Slagor, Preservation Planner
Nancy Hare-Dickerson, Commission Recording Secretary

APPROVAL OF AGENDA

Motion: Stevenson (second: Lindsay) moved to approve the agenda as submitted.

Roll Call Vote - Ayes: Commissioners Pettit, Stevenson, Lindsay, Chesnut
Nays: None
Absent: Commissioners Rupert and Swift
Motion carried.

PUBLIC COMMENT ON AGENDA ITEMS—none

PUBLIC HEARING—none

OLD BUSINESS—none

NEW BUSINESS

114 Woodward

**Exterior work to Carriage Barn.*

Applicant: Alan and Eileen Young, owners - present

Discussion: Pettit: Stated that the application is for work that has been completed. Asked applicant to walk the Commission through the work included in the application.

E. Young: Stated that they added an addition to the back. *[Reference photo materials, discussed*

the details of a trench that was dug out, in which a stone foundation was found] [Discussed animal issues inside the siding of the building causing foundation damage]. [Discussed reasons for and details of building a shed addition and installing a door, green in color, utilizing an old entry door found in the garage, reference photo materials].

Indicated that the plan was to seal up all the holes and get a rat-wall in to prevent further deterioration of the structure, of the roof and of the walls. Stated that on the west side of the barn, there was one window which they were unable to find anyone who could repair it. *[Outlined obstacles which occurred with searching to find a wood window replacement]* Stated that they purchased and installed a window from Home Depot.

Pettit: Asked if it is correct that it is a vinyl window.

E. Young: Confirmed. Stated that it is the only window that they replaced. Stated that they left the wooden frame, which they repaired *[reference photo materials]*.

[At about 7:12pm, the meeting was interrupted due to a technical difficulty]

[At about 7:17pm, meeting resumed]

Pettit: Indicated that the vinyl window replacement on the garage was where the discussion left off. Asked applicants if there was more they would like to describe about the application.

E. Young: Confirmed, no.

Pettit: Asked if it is correct that there was also a garage door replacement.

E. Young: Confirmed. Stated that, originally, that side of the barn was completely open. Stated that the garage doorway went all the way out to where the new siding ends and all the way into the corners *[reference photo materials]*. Stated that that was not feasible. Stated that the plywood doors shown there *[reference photo materials]* were temporary, that critter damage can be seen at the bottom *[reference photo materials]*, and they felt they needed to be replaced. Indicated that a decision was made to go with a more durable garage door.

Pettit: Stated that it looks like quite a bit of work – a significant change from what was previously there *[reference photo materials]*.

E/A. Young: *[Provided background history of the barn building structure, changes made and reasons]*

[Re: shed addition]

Stevenson: Stated an opinion that the shed roof addition seems compatible with the garage structure.

Pettit: Asked if that is the only door *[reference photo materials]* – if it opens up into the rest of the garage.

A. Young: Stated that it does not go into the barn, that there is no other outside door.

Pettit: Stated an opinion that considering that the door was found on the premises, it lends itself well to being reused. Indicated that it is not like a security door leading into the rest of the house in some fashion.

Lindsay: Indicated not having a problem with the door or the bump-out.

Chesnut: Indicated an opinion that the vinyl window is what causes the most concern.

[Re: vinyl window]

Pettit: Stated that there is a window in an existing opening. Asked if it is correct that the original window had a similar lite pattern.

E. Young: Stated that the original window was six-pane-over-six-pane. Stated that it was about six inches taller. Stated that they could not find a window that was exactly sixty-six inches tall. Stated that it is pretty much the same width. Indicated that there was window rot, damage and broken glass. *[Reiterated repair-search issues and reasons for purchasing current window].*

Pettit: Explained that a wood replacement window is not the only other option; that there are other possibilities which could have been discussed. Explained that a vinyl window choice is a material that is on the HDC "will not approve" list.

E. Young: Stated that where the shed is, there was a window. Stated that they took that out to put the shed on and that they still have that window. Stated that it is in two pieces and is the same size as the original window was. *[Clarifying discussion continued as to window details]*

Pettit: Indicated that it sounds like there is the possibility of this other window. Asked about the condition of the salvaged window.

E. Young: Stated that it needs repair but that it is repairable.

[Discussion continued as to salvaged window condition/repairability, window vs existing opening size considerations, replacement possibility]

[Re: garage door]

Pettit: Stated that the door is a steel insulated door with an ultra-grain slate finish. Asked applicant to further describe how the door is paneled.

E. Young: Stated that it is four-over-four *[reference photo materials].*

[Clarifying discussion continued as to panel details]

Stevenson: Stated not having a problem with the infill itself, as carriage houses/garages make modifications based upon what transportation has been used over time. Stated a concern that if the door has a really prominent faux wood grain finish on it, it would be inappropriate to have a material that looks like another material.

*[Discussion was had re: the door finish/material considerations]
[Procedural discussion was had]*

Motion: Stevenson (second: Lindsay) moved to deny the application for work at 114 Woodward as the replacement window and the overhead door as installed do not meet the HDC guidelines as cited in the Windows and Doors Fact Sheet. Specifically, vinyl windows are not compatible with the historic character of the building and are not allowed in the District; and the faux-wood grain finish on the steel door is not compatible.

Secretary of the Interior Standards:

#2 – Do not destroy original character. Do not remove or alter historic material or features.

#3 – Do not imitate earlier styles.

#5 - Preserve distinctive features.

Roll Call Vote - Ayes: Commissioners Pettit, Stevenson, Lindsay, Chesnut
Nays: None
Absent: Commissioners Rupert and Swift
Motion carried.

[Commission and staff clarified the meaning of the motion and follow up procedures per query from applicants]

STUDY ITEMS

322 E Forest

**New garage.*

Applicant: Matthew Wade, owner - present

Discussion: Applicant presented drawings and discussed building a proposed detached garage on the property.

ADMINISTRATIVE APPROVALS—none

OTHER BUSINESS

1. Discussion on 60-day approvals [See minutes of November 10, 2020]

a. Form to extend review period – reads as follows:

Historic District Commission
Request for Extension of Review

By State law, Public Act 169, and by the City of Ypsilanti Code of Ordinances, the Historic District Commission (HDC) must act within 60 days receiving a complete application. If the HDC does not act within the allotted review period, the application is considered approved. An extension of this review period may be granted if both the HDC and applicant agree in writing.

A need for such extension could arise because the HDC cannot make quorum within the 60-day period, or the applicant needs more time to provide additional information. A minimum of four commissioners constitutes a quorum and must be present to vote on a decisive motion for action items. Applications that lack information the HDC identifies as necessary to make a decision will be denied on procedural grounds unless an extension is agreed in writing.

Extension agreements may be executed by the HDC at a meeting where a quorum is present or by the Preservation Planner prior to a meeting. Extensions executed by the Preservation Planner must be approved by the HDC at the next meeting.

Application # _____ Address of property _____
Date completed application was submitted _____
Date of last scheduled HDC meeting within 60-day review period _____
Name of Applicant _____
Mailing Address _____
City _____ State _____ Zip _____

I _____ request that the Historic District Commission extend the review period concerning the address and case number specified scheduled meeting on ____/____/____. This signed request is an agreement in writing by the applicant to extend the review period specified in the City of Ypsilanti Code of Ordinance 54-83(a) – see below*.

Signed (applicant) _____ Date ____/____/____
Preservation Planner _____ Date ____/____/____
Historic District Commission motion to accept extension: _____

Offered by: _____ Supported by: _____

YES: NO: ABSENT: VOTE:

* Code of Ordinance of the City of Ypsilanti, Chapter 54 – HISTORICAL PRESERVATION Sec.-83 (a): ...The commission must act within 60 calendar days after the date a complete application is filed with the commission. Failure to act shall constitute approval unless an extension is agreed upon in writing by the applicant and the commission.

Motion: Lindsay (second: Chesnut) moved to accept the Request for Extension of Review form as submitted.

Roll Call Vote - Ayes: Commissioners Pettit, Stevenson, Lindsay, Chesnut
 Nays: None
 Absent: Commissioners Rupert and Swift
 Motion carried.

b. Resolution to allow the Preservation Planner to execute application extension agreements on behalf of the Historic District Commission – reads as follows:

RESOLVED BY THE HISTORIC DISTRICT COMMISSION OF THE CITY OF YPSILANTI:

WHEREAS, the Ypsilanti Historic District Commission (HDC) is charged with reviewing exterior changes to resources within Ypsilanti's designated local historic districts; and

WHEREAS, per state law and the Ypsilanti Code of Ordinances, the HDC must act on completed HDC Work Permit Applications within 60 days;

WHEREAS, there may be circumstances where the HDC cannot act within 60 days and both the applicant and HDC agree to an extension of the application review period;

WHEREAS, a quorum of the HDC is required to make such an extension, there may be circumstances where an extension has to be executed by staff due to the inability for a quorum to meet;

NOW THEREFORE BE IT RESOLVED THAT, the Ypsilanti Historic District Commission allows the Preservation Planner to execute application extension agreements on their behalf subject to the approval of the HDC at the next available meeting.

Motion: Lindsay (second: Chesnut) moved to accept the Resolution to allow the Preservation Planner to execute application extension agreements on behalf of the Historic District Commission as submitted.

Roll Call Vote - Ayes: Commissioners Pettit, Stevenson, Lindsay, Chesnut
Nays: None
Absent: Commissioners Rupert and Swift
Motion carried.

2. Property Monitoring

Commissioners/Staff discussed property concerns and issues under review.

3. Staff Updates

Re: Water Street Development - public meetings follow up
Re: City Hall temporary closure to the public

4. Commissioner Comments—none

AUDIENCE PARTICIPATION ON NON-AGENDA ITEMS -none

HOUSEKEEPING BUSINESS

Approval of the minutes of November 10, 2020

Motion: Chesnut (second: Lindsay) moved to approve the minutes of November 10, 2020, as submitted.

Roll Call Vote - Ayes: Commissioners Pettit, Stevenson, Lindsay, Chesnut
Nays: None
Absent: Commissioners Rupert and Swift
Motion carried.

ADJOURNMENT

Chairperson Pettit adjourned the meeting, citing the end of the agenda with no further items to discuss.

MEETING ADJOURNED at 9:10 p.m.

Full Minutes Prepared By: Nancy Hare-Dickerson



**PUBLIC NOTICE
CITY OF YPSILANTI
HISTORIC DISTRICT COMMISSION – VIRTUAL MEETING**

The Ypsilanti Historic District Commission (HDC) will hold A Virtual Meeting on Tuesday, December 8, 2020 at 7 p.m.

The Regular HDC Meeting is being held virtual in order to prevent the spread of COVID 19.

The meeting can be attended through the below link, or through the below toll free numbers.

December 8, 2020 HDC Regular Meeting Virtual Access Link

<https://us02web.zoom.us/j/82412751666>

When prompted, enter **Meeting ID:** 824 1275 1666

December 8, 2020 HDC Regular Meeting Toll Free Phone Number Access

888 475 4499 US Toll-free
877 853 5257 US Toll-free

When prompted, enter the **Meeting ID:** 824 1275 1666, followed by the #, press # again to be connected

Members of the public will be able to make comment during the designated time for public comment. To address the HDC, meeting participants will need to "raise their hand" to indicate they want to speak.

To raise your hand while participating online, click the "Raise Hand" icon at the bottom of the Zoom Screen or press *9 via phone. After you raise your hand you will be informed when it is your turn to speak, and your microphone will be unmuted at that time. Your microphone will be muted again when you have finished your comments or when your speaking time has expired.

Instructions for Persons with Disabilities

Persons with disabilities who need accommodations to effectively participate in the meeting should contact the City Clerk, Andrew Hellenga at ahellenga@cityofypsilanti.com by 5:00 p.m. on the day before the meeting to request assistance. Closed Captions will be provided during the meeting.

City Clerk's Office
One South Huron Street
Ypsilanti, Michigan 48197
(734) 483-1100

Andrew Hellenga
City Clerk
Posted: December 4, 2020