MARSHALL CITY PLANNING COMMISSION Wednesday, November 10, 2021 at 7:00 p.m. City Hall, Council Chambers, 323 W. Michigan Ave., Marshall, MI

Call to Order

Adjournment

Roll Call Approval of Agenda Regular Meeting of the Planning Commission, November 10, 2021 **Approval of Minutes** Minutes from October 13, 2021 **Public Comments on Agenda Items Public Hearings** 1. Public Hearing on Zoning Ordinance Amendment to repeal "Hoop Houses" and to prohibit such use **New Business** 1. Recommendation on Zoning Ordinance Amendment to repeal "Hoop Houses" and to prohibit such use 2. Receive and consider approval of Site Plan Application #SP21.03 for 11301 Old US 27 S from the City of Marshall for the Brooks Substation 3. Approve Planning Commission Meeting Dates and Submission Deadlines for 2022. 4. Election of Officers for 2022 5. Joint Planning Commission Membership **Old Business Public Comment on Non-Agenda Items** Reports

MINUTES MARSHALL CITY PLANNING COMMISSION WEDNESDAY, OCTOBER 13, 2021

In a regular session, Wednesday, October 13, 2021 at 7:00 p.m. at City Hall, Council Chambers, 323 West Michigan Avenue, Marshall, Michigan, the Marshall Planning Commission was called to order by Chair Banfield.

ROLL CALL

Members Present: Chair Banfield, Commissioners Burke Smith, McNiff, Reed, Zuck, and C. Zuzga and Council Liaison Wolfersberger

Members Absent: Commissioner Hall

Staff Present: Trisha Nelson, City Clerk & Planner

AGENDA

MOTION by Zuck, supported by Burke Smith, to accept the agenda for the Wednesday, October 13, 2021 as submitted. On voice vote; **MOTION CARRIED.**

MINUTES

MOTION by C Zuzga, supported by McNiff, to accept the minutes from the September 8, 2021 Meeting. On voice vote; **MOTION CARRIED.**

PUBLIC COMMENTS ON AGENDA ITEMS

None

PUBLIC HEARINGS

None.

NEW BUSINESS

MOTION by Zuck, supported by Burke-Smith, to schedule a public hearing for November 10, 2021 for a Zoning Ordinance Amendment to repeal "Hoop Houses" and to prohibit such use. On voice vote; **MOTION CARRIED.**

Staff commented that Attorney Revore will be present at the next meeting to answer any questions regarding the ordinance change.

OLD BUSINESS

None

PUBLIC COMMENTS NOT ON AGENDA

None

PΩ	re

None

ADJOURN

Planning Commission adjourned at 7:25 p.m.

Submitted by,

Trisha Nelson

MARSHALL PLANNING COMMISSION

Staff report for November 10, 2021

To: Plan

Planning Commissioners

From:

Trisha Nelson, Planning and Zoning Administrator

Subject:

Zoning Ordinance Text Amendment to repeal Hoop Houses

Planning Commission is being presented with the attached ordinance from Attorney Revore to repeal "Hoop Houses" and to prohibit such use.

The ordinance introducing the use of hoop houses in the city was brought to Planning Commission on October 14, 2020 and a public hearing was held on November 11, 2020.

After receiving further complaints regarding marihuana odors and review of the Hoop House building and structural materials being temporary, thinly constructed, and translucent, such may likely exacerbate an unreasonable marihuana odor situation. Also, given the fact that Hoop Houses may occupy significant land acreage that will result in reduced land use development and reduced taxable values. City Staff recommend the amendment to the Zoning Ordinance to repeal of "Hoop Houses" and such uses."

Planning Commission is being asked to formulate a recommendation for City Council to consider at their meeting on December 6, 2021.

CITY OF MARSHALL, MICHIGAN

ORDINANCE #2021-___

AN ORDINANCE TO AMEND THE CITY OF MARSHALL ZONING CODE, TO REPEAL CERTAIN SECTIONS OF ORDINANCE NO. 2020-14; TO AMEND CHAPTER 2.0, DEFINITIONS, SECTION 2.2, AND CHAPTER 4.0 USE STANDARDS, SECTION 4.16, COMMERCIAL GREENHOUSES, NURSERIES AND GARDEN CENTERS. REPEAL ANY ORDINANCES IN CONFLICT THEREOF; AND TO PROVIDE AN EFFECTIVE DATE HEREOF.

THE CITY OF MARSHALL, CALHOUN COUNTY, HEREBY ORDAINS:

Section 1. Purpose. The purpose of this Ordinance is to amend the City Zoning Ordinance and Ordinance No. 2020-14 to repeal "Hoop Houses" and delete all such use reference thereto, and to prohibit such "Hoop House" use within the City limits of the City of Marshall and on property that the City controls under an interlocal governmental agreement.

It is the intent of this Ordinance to provide for the health, safety and welfare of the citizens of Marshall so that quality of life is not impaired, neighborhood character is preserved, and positive planned land use developed.

Section 2. "Hoop House" and Hoop House Use Repealed; Hoop Houses Prohibited. The City Zoning Ordinance and its amending ordinances are hereby and shall be amended to repeal "Hoop Houses" and to prohibit such "Hoop House" use within the City limits of the City of Marshall and on property that the City controls under an interlocal governmental agreement.

Section 3. That Chapter 2.0, Definitions of the Marshall City Zoning Code, Section 2.2 "Definitions", is hereby and shall be amended as follows:

Hoop House. A temporary structure used exclusively for the production and storage of live plants, with no permanent anchoring system or foundation; no storage, temporary or otherwise, of solvents, fertilizers, gases or other chemicals or flammable materials; built according to manufacturer recommendations; no more than 18 feet maximum height. Notwithstanding this definition, Hoop Houses and such use are prohibited within the City limits of the City of Marshall and prohibited on property that the City controls under an interlocal governmental agreement.

Section 4. That Chapter 3.0, Zoning Districts of the Marshall City Zoning Code, Section 3.1.12 "I-1 Research and Technical District", is hereby and shall be amended to delete "hoop houses" from Chapter 3.0, Zoning Districts of the Marshall City Zoning Code, Section 3.1.12 "I-1 Research and Technical District" as follows:

v. Commercial greenhouses, heep houses, nurseries, and garden centers.

Section 5. That Chapter 4.0 Use Standards of the Marshall City Zoning Code, Section 4.16 "Commercial Greenhouses, Nurseries and Garden Centers", is hereby and shall be amended to delete "Hoop Houses" and such use and reference from Chapter 4.0 Use Standards of the Marshall City Zoning Code, Section 4.16 as follows:

Hoop Houses and Commercial Greenhouses for marihuana cultivation are permitted as special land uses in the I-1 district with no limits on square footage.

- Hoop House. The following shall apply:
 - A. Setbacks shall be 1500 feet from any residential structure, 250 feet from the road right of way centerline, and 50 feet from any rear or side property line.
 - B. Limited duration not to exceed three (3) years.
 - C.—If a Hoop House contains any device subject to the electrical code or any mechanical equipment subject to the mechanical code, a permit shall be required for the device, system or fixture only. If the hoop house is connected to a potable water system, a permit shall be required for the backflow prevention devices only.
- 2. Commercial Greenhouse. The following shall apply:
 - A. Setbacks shall be required under Section 3.1.12(D).
- 3. Hoop House and Commercial Greenhouse cultivation of marihuana. The following shall apply:
 - A. Comply with applicable LARA/MRA rules and regulations, City ordinances and City Zoning Ordinance.
 - B. Subject to a Special Land Use permit under Section 6.2, permit and for special conditions as may be necessary based upon the uniqueness of the property, subject to a public hearing, review and recommendation by the Planning Commission, and approval by the City Council in accordance with the procedures and conditions specified in Section 6.2. of the Zoning Ordinance. A Special land Use permit may be revoked or rescinded by the City Council for violation of the SUP, City ordinance, Zoning Ordinance, or state law and regulations, after notice to the SUP holder and hearing.
 - C. As permitted in this section, the area containing the cultivation of marihuana plants must be completely confined and enclosed in a Hoop House or Commercial Greenhouse made of durable construction to

include metal framing materials and durable translucent material on all sides and top of a Hoop House, or glass, building materials that may include glass-like or translucent material on all sides and top of a Commercial Greenhouse. Hoop Houses and Commercial Greenhouses may not exceed 18 feet maximum height.

- D. Hoop Houses and Commercial Greenhouses must be located on the parcel of the grower establishment or facility, fully enclosed by property security fencing. Security fencing must be at a minimum of eight (8) feet in height.
- E. Site Plan approval. Hoop Houses and Commercial Greenhouses are subject to site plan review and must receive approval.
- F. Screening shall comply with Section 5.15.8, and also include the means, including walls and plantings, to accomplish complete visual screening from the road right-of-way and adjacent property. Hoop Houses and Commercial Greenhouses must have greenbelt barriers that block outside visibility of the marihuana plants from the public view, with no marihuana plants growing outside the top of the Hoop House or Commercial Greenhouse nor above the fence and barrier that is visible to the public eye and the fences must be secured and comply with the applicable security measures in City ordinances and LARA/MRA rules and regulations, including but not limited to, locked entries only accessible to authorized persons or emergency personnel.
- G. After the marihuana is harvested, all drying, trimming, curing, or packaging of marihuana must occur inside a permanent building meeting all the requirements of City ordinance, state statue, codes and LARA/MRA rules and regulations.
- H. Hoop Houses and Commercial Greenhouses must meet the security requirements and pass inspections required under City ordinance and LARA/MRA rules and regulations and any necessary building permit pursuant to City ordinance, state statute, code and LARA/MRA rules and regulations.
- Odor Control. A grower or a processor shall install and maintain in operable condition a system which precludes the emission of unreasonable marihuana odor from the property.

Section 6. Severability. It is the legislative intent of the City adopting this Ordinance that all provisions hereof shall be liberally construed to protect the public health, safety and general welfare of the inhabitants of the City and all other persons affected by this Ordinance. Consequently, should any provision of this Ordinance be held to be unconstitutional, invalid or of no effect, such holding shall not be construed as affecting the validity of any of the remaining

provisions of this Ordinance or Zoning Code, it being the intent of the City Council that this Ordinance shall stand and remain in effect, notwithstanding the invalidity of any provision thereof.

- **Section 7. Conflicting Ordinance and Code Provisions Repealed.** Any City of Marshall Ordinance, parts of Ordinances, or any Marshall Code provision in conflict or inconsistent with any of the provisions of this Ordinance shall be and is hereby repealed, and all other provisions of the Marshall Zoning Ordinance shall remain in full force and effect.
- **Section 8.** Savings. All proceedings pending and all rights and liabilities existing, acquired or incurred at the time this Ordinance takes effect are saved and may be consummated according to the law in force when they were commenced.
- **Section 9. Publication.** This Ordinance [or a summary thereof as permitted by MCL 125.3401] shall be published in the *Marshall Advisor*, a newspaper of general circulation in the City of Marshall qualified under state law to publish legal notices. This Ordinance shall be recorded in the Ordinance Book and such recording shall be authenticated by the signatures of the Mayor and the City Clerk.
- **Section 10.** Code Edits. That the editors of the Marshall Zoning Code are hereby authorized to update and revise the Marshall Zoning Code to effectuate the provisions of this Ordinance.

Section 11. Effective Date. This Ordinance is declared to be effective seven (7) days after publication or as provided by law.

Adopted and signed this day of	, 2021.
Joe Caron, MAYOR	Trisha Nelson, CITY CLERK
	·
	is the City Clerk for the City of Marshall, hereby iplete copy of an ordinance approved by the City
	, State of Michigan, at a regular meeting held or
	g was conducted and public notice of said meeting
	with the Open Meetings Act, being Act 267, Public
Acts of Michigan, 1976, and that the minute	es of said meeting were kept and will be or have
been made available by said Act.	
Trisha Nelson, CITY CLERK	

MARSHALL PLANNING COMMISSION

Staff report for November 10, 2021

To:

Planning Commissioners

From: Subject:

Trisha Nelson, Planning and Zoning Administrator Site Plan #SP21.03 for Brooks Industrial Substation at

11301 Old US 27 N

Case #:

Site Plan #SP21.03

Zoning District:

I-1 Research and Technology

Adjacent Zoning: Surrounded by I-1, except B-2 to the North

Parcel:

53-003-150-01

City Staff has been working with GRP Engineering of Grand Rapids and Petoskey on the planning and preliminary development of the Brooks Industrial Substation. The substation will be located on Old US 27/M 227/ South Kalamazoo Avenue, south of the Sand Hill Restaurant.

This new substation is needed to supply electrical power to the new industries in the Brooks Industrial Park. This substation will also supply power to the current industrial customers and the Lyon Lake area. The International Transmission Company will be building a 3.5-mile 138,000-volt line to supply the substation. The new substation will add reliability to the area electric needs. It is planned for this new substation to be complete by October of 2022. City crews will then install twelve new distribution feeds for the area.

Staff received the site plan application on October 18, 2021. In the I-1 Zoning District, substations are a principal permitted use. Planning Commission is being asked to receive and consider recommendation of the submitted plan at the same meeting.





SITE PLAN APPLICATION

City of Marshall Application for Site Plan Review

Attn: Planning and Zoning Administrator 323 W Michigan Ave. Marshall, Michigan, 49068

The following application is made to the City of Marshall Planning Commission in accordance with the provisions of the Planning and Zoning Department.

1. Applicant Information

Address of property being dev	reloped:	
11301 OLD US-27 SOUTH aka 11301	M227	
Owner of property being deve	loped:	
CITY OF MARSHALL		
Owner's Address:		
323 W. MICHIGAN AVE, MARSHALL, I	MI 49068	
City	State	Zip
Owner's Phone Number:		
200 761 5102		
<u> 269-781.5183</u>		
O		
Owner's Agent if working fo	r property owner.	
Name and Title:		
TRACY HUTCHINSON, CIVIL PROJECT MICHAEL MCGEEHAN FOR GRP ENG	Γ MANAGER, @ DRIESENGA & ASSOCIATE: SINEERING INC.	S &
Address:		
DRIESENGA & ASSOCIATES: 4398 RC GRP ENGINEERING: 459 BAY STRE	GER B. CHAFFE BLVD, GRAND RAPIDS, MI	49548
City	State	Zip
·	155 2 700 T	
Phone Number:		
DRIESENGA & ASSOCIATES: 616-24	9-3800	

City of Marshall Application for Site Plan Review

3. Brief description of proposed project

FOR ELECTRICAL SUBSTATION EQUIPMENT, FEN MANAGEMENT.	ONTO, AND INTERCEPTION OF ONE	VVAIE
	2000	
4. Property Information		
ls this property located in a floodplain?	NO	
ls this property located in a wetland?	NO	
Land area in square feet?	799,269 SFT	
Proposed building area in square feet?	NONE	
Proposed paved area in square feet?	270,0072 SFT	
Existing paved area in square feet?	NONE	
Lake or stream within 500 feet?	NONE	
Any other agencies contacted for		
approvals? If so, please list:		
- MDOT; access drive, pending preliminary review,	submitted 10/07/2021	
·		

City of Marshall Application for Site Plan Review

5. Authorization (Must be signed by the owner of the property)

I am the owner of record for this property for which this application is being filed and as such, I am familiar with the development being proposed to be carried out on my property.

I hereby, give permission for this application to be filed with the full understanding that certain restriction may be placed on the property relative to the approval of the proposed work.

I further certify that under penalties of perjury, I am to sign this application.

Name (Please Print) homs	Tankiewicz	
Title: City Manager	Date:/0//8/2/	
Signature: De Del		

Note: If there are multiple owners of the property or you are representing a group, corporation, or other organization attach a copy of a certified letter authorizing you to sign this application for the proposed development.

LAND USE AND DEVELOPMENT FEE	5
PLATS	
Up to 30 Lots	\$450.00
Over 30 Lots	\$650.00
SITE CONDOMINIMUMS	
Up to 30 Lots	\$350.00
Over 30 Lots	\$550.00
SITE PLANS	
	\$250.00 < 30
Commercial and	acres
Institutional	\$250.00
Special Land Use	\$250.00
Planned Unit Development	\$350.00
Amend a PUD	\$150.00
	\$50 plus \$5.00 per unit or
Multiple Family Developments (Apartment &	lot
Additions to existing Site Plans if Planning Commission Review is	
required	\$100.00
Extending Site Plan with Planning Commission	\$150.00

Site Plan Review Checklist for General Development

Date:			
Zoning Districti-	1 RESEARCH & TECHNICAL		
Proposed Use:E	LECTRICAL SUBSTATON		
Is this a Permitted U	Jse? Yes ction number: 3.1.12.B. IX	□ No	
Is the property in the	e Well Head Protection Area? Yes	□ No	□NA
Property Address: _			
	Responsible Party that prepared	plans	
Name: TRACY HUT	CHINSON, P.E.		
Company Name:	DRIESENGA & ASSOCIATES, INC		
Company Address:	4398 ROGER B. CHAFFE BLVD, GRAND RAPIDS, MI 49548		
Company Address:	4398 ROGER B. CHAFFE BLVD, GRAND RAPIDS, MI 49548		
Company Address:	4398 ROGER B. CHAFFE BLVD, GRAND RAPIDS, MI 49548		

needed	when:
	(A) - Any use or development stipulated elsewhere in the ordinance.
	(B) - All uses subject to land approval.
	(C) - Any areas for which off-street parking is required except for single- and two-family dwellings on a single lot.
	(D) - All permitted use, new construction, or any change of use lying contiguous to or across the street from a residential district.
	(E) - All residentially related uses permitted in a one-family district such as, but not limited to, institutional uses, churches, or public facilities.
	(F) - Any new use, addition or accessory structure that requires additional off-street parking to that already provided.
	(G) - Site plans for subdivisions and site condo developments.
	(H) - All uses not otherwise included within a specific use district.
	(I) - Any use for which the zoning administrator determines that PC review is necessary to determine compliance with the zoning ordinance.
	(J) - Amendments to approve site plans, except that the City Manager may approve minor modifications.
Note: St	aff will review all plans prior to submitting them to Planning Commission.
	oment Procedures: 6.3 – Site Plan Review: The following information should be
V	Plans submitted for site plan review shall be stamped by a design professional licensed by the State of Michigan such as a landscape architect, architect, or civil engineer.
V	Site plans shall be drawn to an engineer's scale appropriate for a sheet size of at least 24 by 36 inches, not to exceed one (1) inch equals 50 feet. If a large development must be depicted in sections on multiple sheets, then an overall composite sheet shall be provided.
V	Date, north arrow scale, existing zoning, zoning of adjacent properties, legal

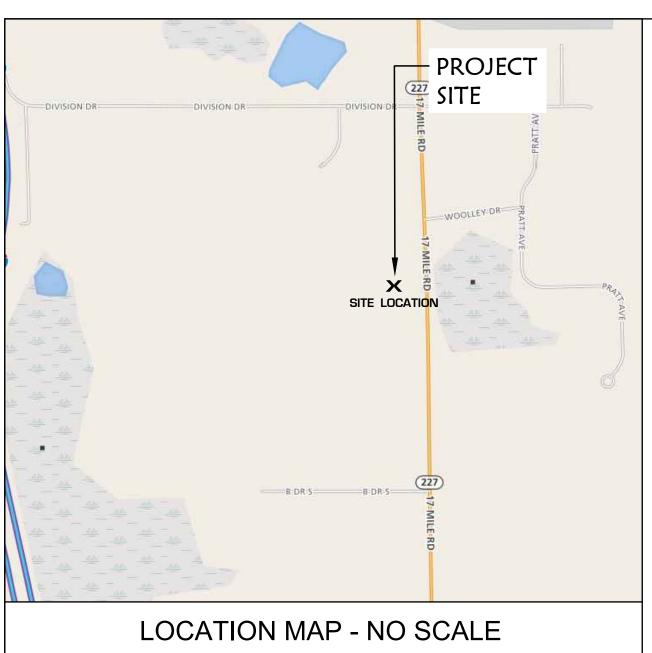
architect, planner, designer, or civil engineer responsible for the preparation of the site plan. The dimensions of all lot and property lines, showing the relationship of the subject property to abutting properties and a boundary survey of the parcel. The location, height and dimensions of all existing and proposed structures on the subject property and all existing structures within 100 feet of the subject property. N/A A finished floor elevation and exterior building elevation drawing shall be submitted with the site plan. The location of all existing and proposed drives, walks and parking areas. The location and right-of-way widths of all abutting streets and alleys. N/A The location and size of all existing and proposed sanitary sewer lines, water lines, and storm drainage facilities must be shown. The location and size of all existing and proposed electric, natural gas, telephone, cable TV and solid waste disposal facilities must be shown. The location, height area of illumination and fixture details of all existing and proposed lighting shall be provided. All lighting shall be located and oriented to have a minimal impact on adjacent properties. N/A The size, height, location and illumination of all existing and proposed signs shall be provided to insure ordinance compliance. The location of existing natural features such as wooded areas, floodplains, wetlands, drainage courses, and a topographic survey of spot elevations of the site. Other information as requested by the Zoning Administrator or Planning Commission to verify that the site and use follow the Ordinance. The Planning Commission may waive any of the foregoing requirements

determined unnecessary for site plan review purposes.

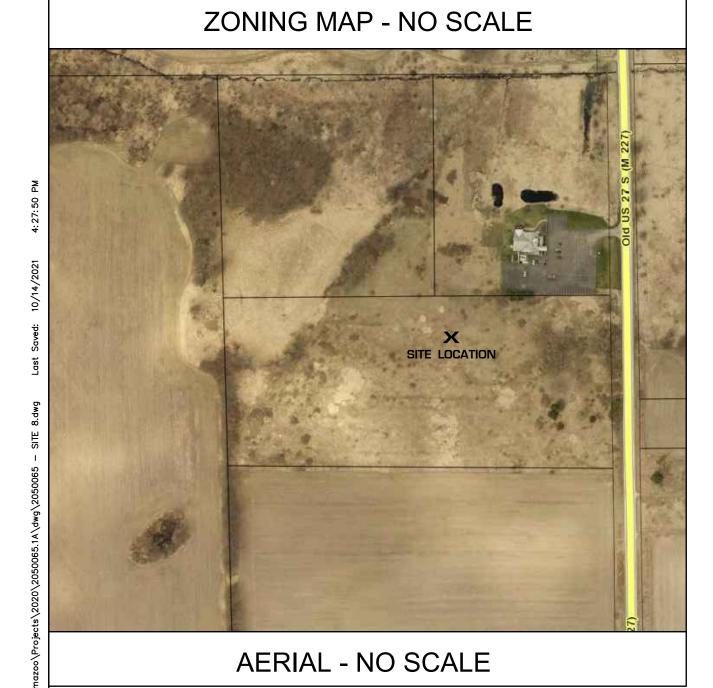
PLANNING COMMISSION CONSIDERATIONS

The Planning Commission shall consider the following standards in the process of reviewing any site plan for approval:

- 1. Adequacy of information. The site plan information is complete, accurate, and in an understandable form that accurate depicts and describes the proposed development.
- 2. **Site appearance and preservation.** The site layout promotes the normal and orderly development of surrounding lots, and the development layout preserves, to the extent feasible, the site's natural, cultural, and historical features, such as but not limited to significant buildings, wetlands, topography, and woodlands.
- 3. **Pedestrian access.** Existing and proposed sidewalks or pedestrian pathways connect to existing and planned public sidewalks and pathways in the area, and comply with applicable barrier-free access standards.
- 4. Vehicular circulation. Drives, streets, parking, site access and other vehicle-related elements are designed to minimize traffic conflicts on adjacent streets, and to promote safe and efficient traffic circulation.
- 5. **Parking and loading.** Off-street parking lots and loading areas are arranged and located to accommodate the intensity of proposed uses, minimize conflicts with adjacent uses, and promote shared-use of common facilities where feasible.
- 6. **Building composition.** Building design and architecture are harmonious with the surrounding neighborhood with regard to scale, mass, proportion, and materials.
- 7. **Screening.** Adequate screening elements have been provided to buffer or separate unlike or conflicting land uses, and to screen off-street parking, mechanical appurtenances, loading and unloading areas and storage areas from abutting residential districts and street rights-of-way.
- 8. **Exterior lighting.** All exterior lighting fixtures are designed and arranged to minimize glare and light trespass, prevent vision impairments, and maximize security.
- Impact upon public services. The impact upon public services (including utilities, streets, police and fire protection, emergency access, and public sidewalks and pathways) will not exceed the existing or planned capacity of such services



S-2 (Lucial Bushiese) FB (Freeway Renylos) SITE LOCATION R-E (Berterbert Renbberttat)



CITY OF MARSHALL BROOKS SUBSTATION

11301 OLD US-27 S SECTION 23, T03S, R11W MARSHALL, MICHIGAN 49068

SHEET INDEX

G-001	TITLE SHEET
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V-101 EXISTING TOPOGRAPHIC PLAN

CD-101 CIVIL DEMOLITION PLAN

C-101 SITE PLAN

C-102 STORM SEWER PLAN

C-103 GRADING AND SESC PLAN

C-400 DRIVE DETAIL

EX-1 EXHIBIT SHEET

SITE ADDRESS

BROOKS SUBSTATION 11301 OLD US-27 SOUTH MARSHALL, MI 49068

OWNER

CITY OF MARSHALL

323 W. MICHIGAN AVE. MARSHALL, MI 49068 (269) 781-3985 CONTACT erice@cityofmarshall.com

CIVIL ENGINEER

DRIESENGA & ASSOCIATES, INC. 4398 ROGER B CHAFFEE, SUITE 200 GRAND RAPIDS, MICHIGAN 49548 (616) 249-3800 TRACY HUTCHINSON, P.E. tracyh@driesenga.com

GENERAL CONTRACTOR

GRP ENGINEERING INC. 459 BAY STREET PETOSKEY, MI 49770 (231) 439-9683

MMcGeehan@grp-engineeing.com

DRIESENGA & ASSOCIATES, INC Engineering Surveying

Testing www.driesenga.com

Holland, MI 616-396-0255 Grand Rapids, MI

616-249-3800 Kalamazoo, MI

269-544-1455

Lansing, MI 517-889-6210

Ypsilanti, MI

734-368-9483

-FOR-MARSHALL VF MARSHALL, MI

ISSUED FOR: OWNER REVIEW 11-19-2020 D: TNJ C:TH

OWNER REVIEW ² | 04-21-2021 D: TNJ C:TH

OWNER REVIEW 10-05-2021 D: TNJ C:TH

⁴ | 10-15-2021 D: TNJ C:TH

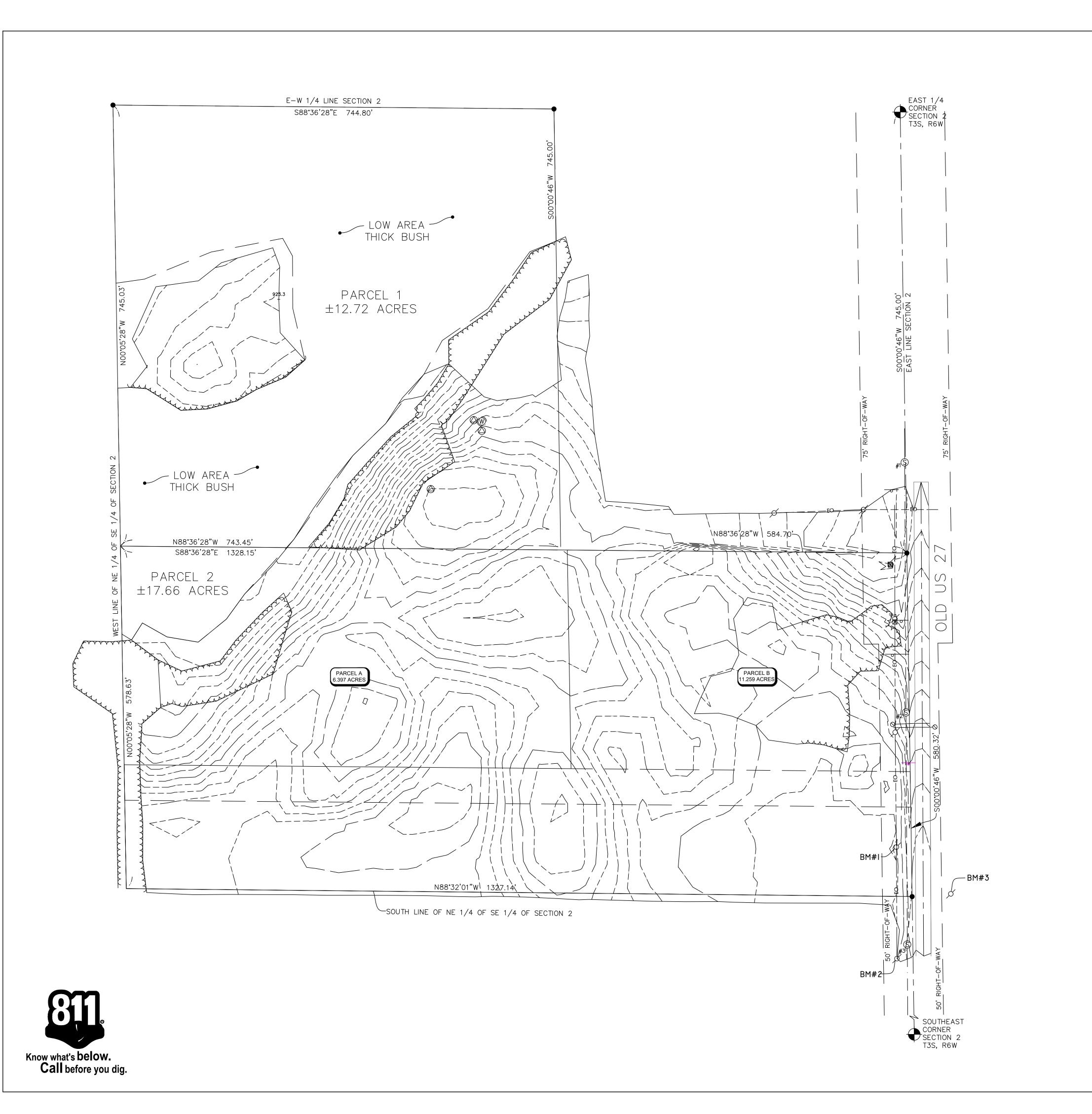
TRACY HUTCHINSON 2050065.1A

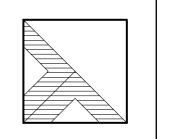
TITLE SHEET

G-001 1 of 8









Engineering Surveying Testing

www.driesenga.com -Holland, MI

616-396-0255 Grand Rapids, MI 616-249-3800

Kalamazoo, MI

269-544-1455 Lansing, MI

517-889-6210

Ypsilanti, MI 734-368-9483

BROOKS SUBSTATION
11301 OLD US-27 SOUTH
3, T03S, R11W, CITY OF MARSHALL, CAL
-FORCITY OF MARSHALL
3 W. MICHIGAN AVE., MARSHALL, MI 4906

ISSUED FOR:

OWNER REVIEW 11-19-2020 D: TNJ C:TH 2 OWNER REVIEW 04-21-2021 D: TNJ C:TH

3 OWNER REVIEW 10-05-2021 D: TNJ C:TH

4 CITY SITE PLAN REVIEW 10-15-2021 D: TNJ C:TH

Project Manager: TRACY HUTCHINSON

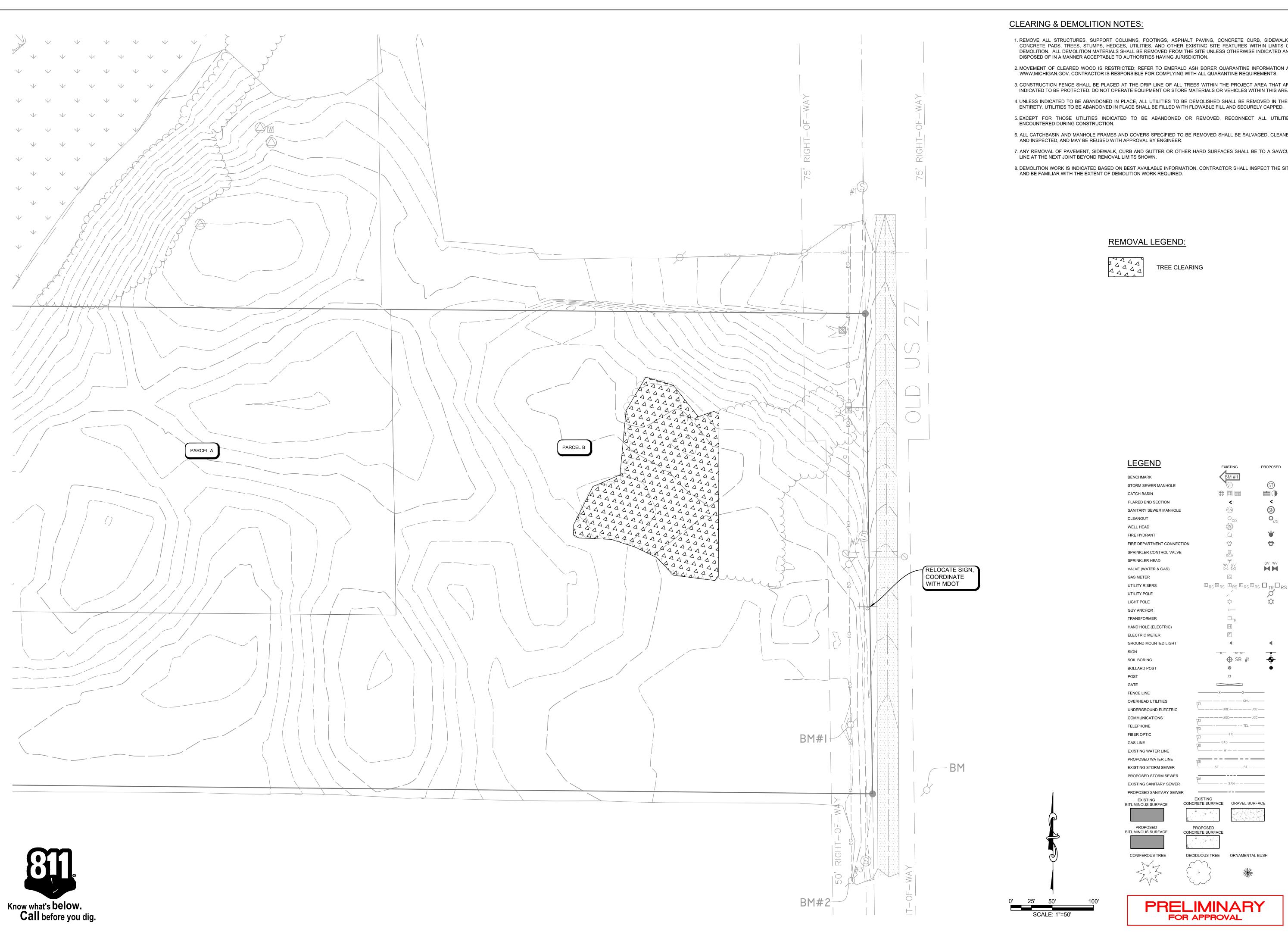
Project # 2050065.1A Sheet Title:

EXISTING TOPOGRAPHIC PLAN

* SURVEY WAS NOT PERFORMED BY DRIESENGA & ASSOCIATES

PRELIMINARY
FOR APPROVAL

V-101



1. REMOVE ALL STRUCTURES, SUPPORT COLUMNS, FOOTINGS, ASPHALT PAVING, CONCRETE CURB, SIDEWALKS, CONCRETE PADS, TREES, STUMPS, HEDGES, UTILITIES, AND OTHER EXISTING SITE FEATURES WITHIN LIMITS OF DEMOLITION. ALL DEMOLITION MATERIALS SHALL BE REMOVED FROM THE SITE UNLESS OTHERWISE INDICATED AND DISPOSED OF IN A MANNER ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.

2. MOVEMENT OF CLEARED WOOD IS RESTRICTED; REFER TO EMERALD ASH BORER QUARANTINE INFORMATION AT

3. CONSTRUCTION FENCE SHALL BE PLACED AT THE DRIP LINE OF ALL TREES WITHIN THE PROJECT AREA THAT ARE INDICATED TO BE PROTECTED. DO NOT OPERATE EQUIPMENT OR STORE MATERIALS OR VEHICLES WITHIN THIS AREA.

4. UNLESS INDICATED TO BE ABANDONED IN PLACE, ALL UTILITIES TO BE DEMOLISHED SHALL BE REMOVED IN THEIR

5. EXCEPT FOR THOSE UTILITIES INDICATED TO BE ABANDONED OR REMOVED, RECONNECT ALL UTILITIES

6. ALL CATCHBASIN AND MANHOLE FRAMES AND COVERS SPECIFIED TO BE REMOVED SHALL BE SALVAGED, CLEANED AND INSPECTED, AND MAY BE REUSED WITH APPROVAL BY ENGINEER.

7. ANY REMOVAL OF PAVEMENT, SIDEWALK, CURB AND GUTTER OR OTHER HARD SURFACES SHALL BE TO A SAWCUT

8. DEMOLITION WORK IS INDICATED BASED ON BEST AVAILABLE INFORMATION. CONTRACTOR SHALL INSPECT THE SITE



PROPOSED

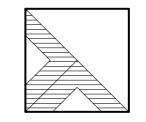
CONCRETE SURFACE

DECIDUOUS TREE ORNAMENTAL BUSH

EXISTING
CONCRETE SURFACE GRAVEL SURFACE Project #

> CIVIL **DEMOLITION**

CD-101 3 of 8



DRIESENGA & ASSOCIATES, INC.

Engineering Surveying Testing

www.driesenga.com -Holland, MI 616-396-0255

Grand Rapids, MI 616-249-3800 Kalamazoo, MI

269-544-1455 Lansing, MI

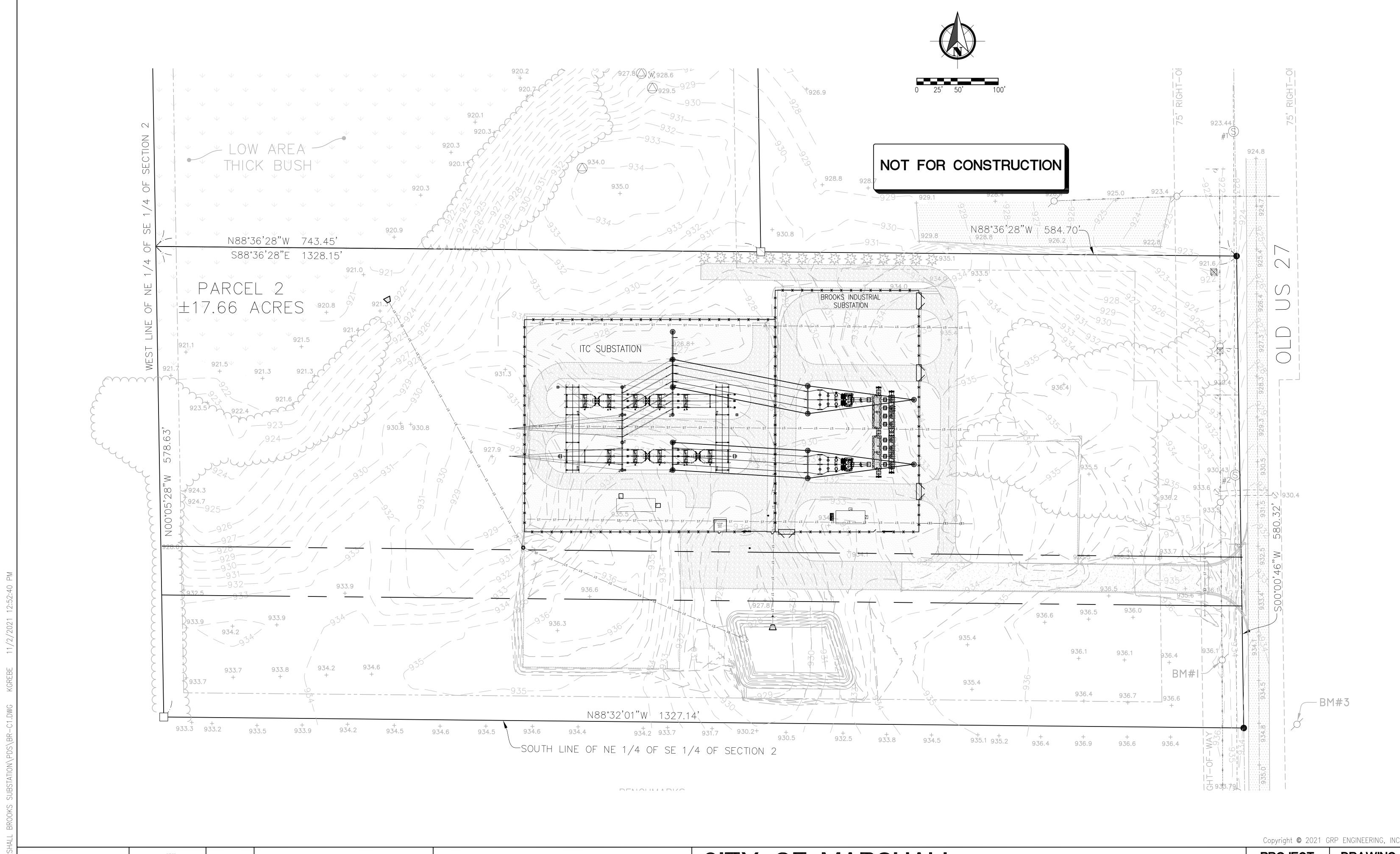
517-889-6210

Ypsilanti, MI 734-368-9483

1	OWNER REVIEW 11-19-2020 D: TNJ C:TH
2	OWNER REVIEW 04-21-2021 D: TNJ C:TH
3	OWNER REVIEW 10-05-2021 D: TNJ C:TH
4	CITY SITE PLAN REVIEW 10-15-2021 D: TNJ C:TH
\vdash	

ISSUED FOR:

Project Manager: TRACY HUTCHINSON 2050065.1A Sheet Title:



Marshall

R KHG

K NMA

NP MPM

10–18–2021 SITE PLAN APPROVAL

DATE

ISSUED FOR

GRP Engineering, Inc. PETOSKEY, MICHIGAN, 231-439-9683 GRAND RAPIDS, MICHIGAN, 616-942-7183 CITY OF MARSHALL
BROOKS INDUSTRIAL SUBSTATION
SUBSTATION SITE PLAN

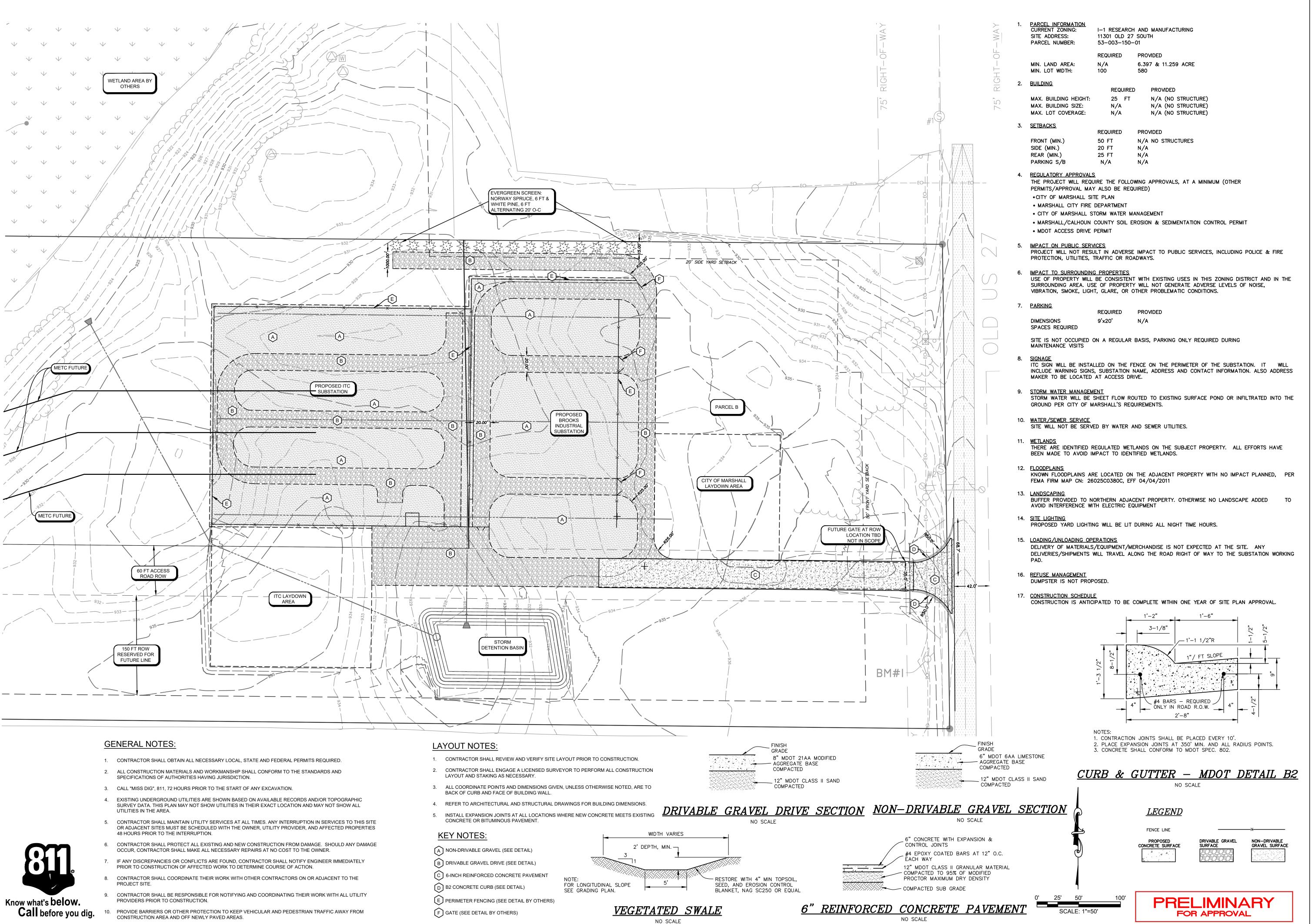
MARSHALL, MICHIGAN

PROJECT DRAWING NUMBER

21-1194.01

C1

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Engineering Surveying Testing

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Lansing, MI 517-889-6210

Ypsilanti, MI 734-368-9483

-FOR-MARSHALL VF MARSHALL, MI KS SUB:

ISSUED FOR:

OWNER REVIEW 11-19-2020 D: TNJ C:TH OWNER REVIEW

2 04-21-2021 D: TNJ C:TH OWNER REVIEW 10-05-2021 D: TNJ C:TH

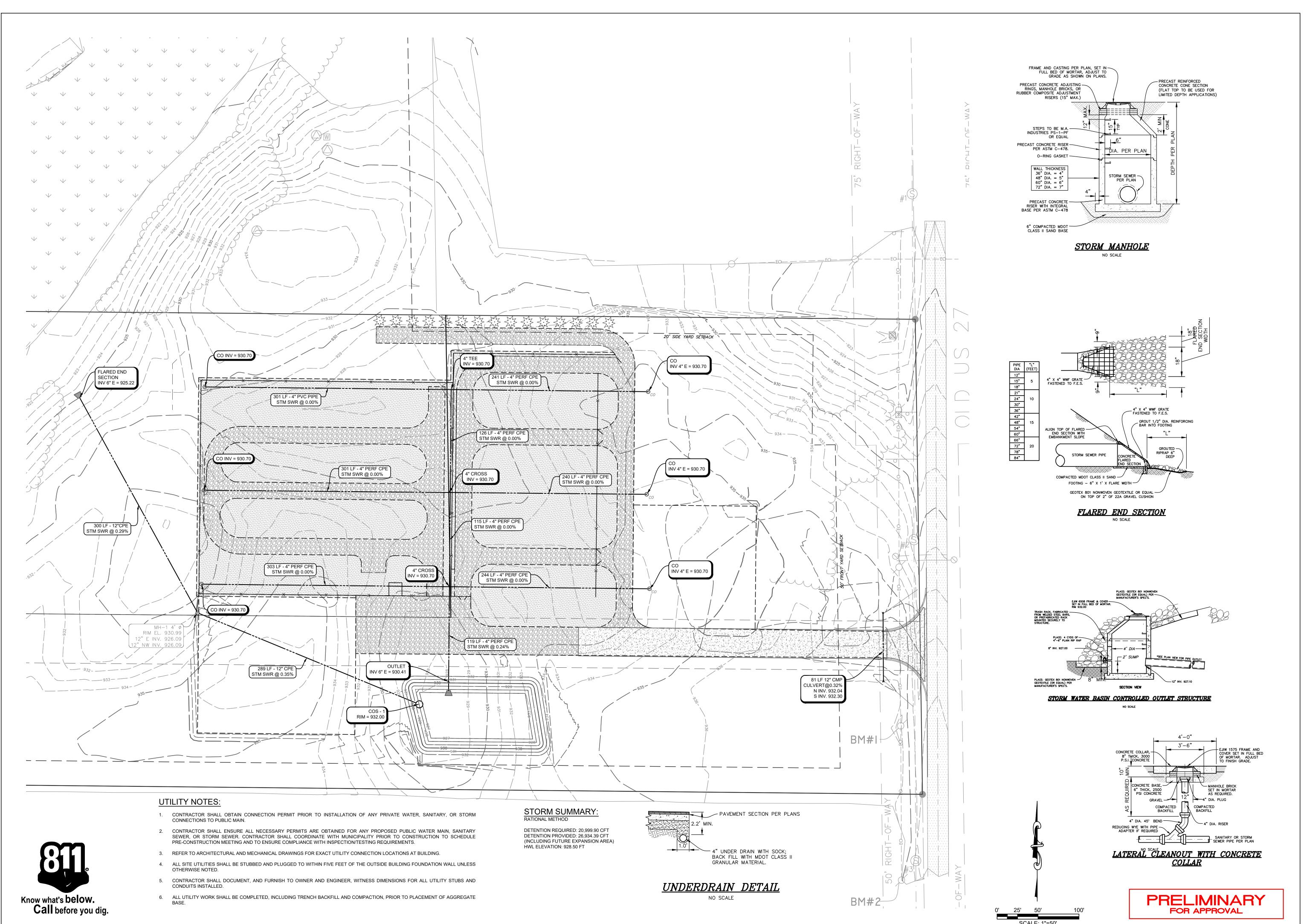
CITY SITE PLAN REVIEW ⁴ | 10-15-2021 D: TNJ C:TH

Project Manager: TRACY HUTCHINSON Proiect #

2050065.1A Sheet Title:

PLAN

4 of 8



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BROOKS SUBSTATION 11301 OLD US-27 SOUTH T03S, R11W, CITY OF MARSHALL, C -FOR-MARSHALL VF. MARSHALL, MI OF AN AV CITY

ISSUED FOR:

OWNER REVIEW 11-19-2020 D: TNJ C:TH OWNER REVIEW 2 04-21-2021 D: TNJ C:TH

OWNER REVIEW 3 10-05-2021 D: TNJ C:TH CITY SITE PLAN REVIEW 4 10-15-2021 D: TNJ C:TH

Project Manager: TRACY HUTCHINSON

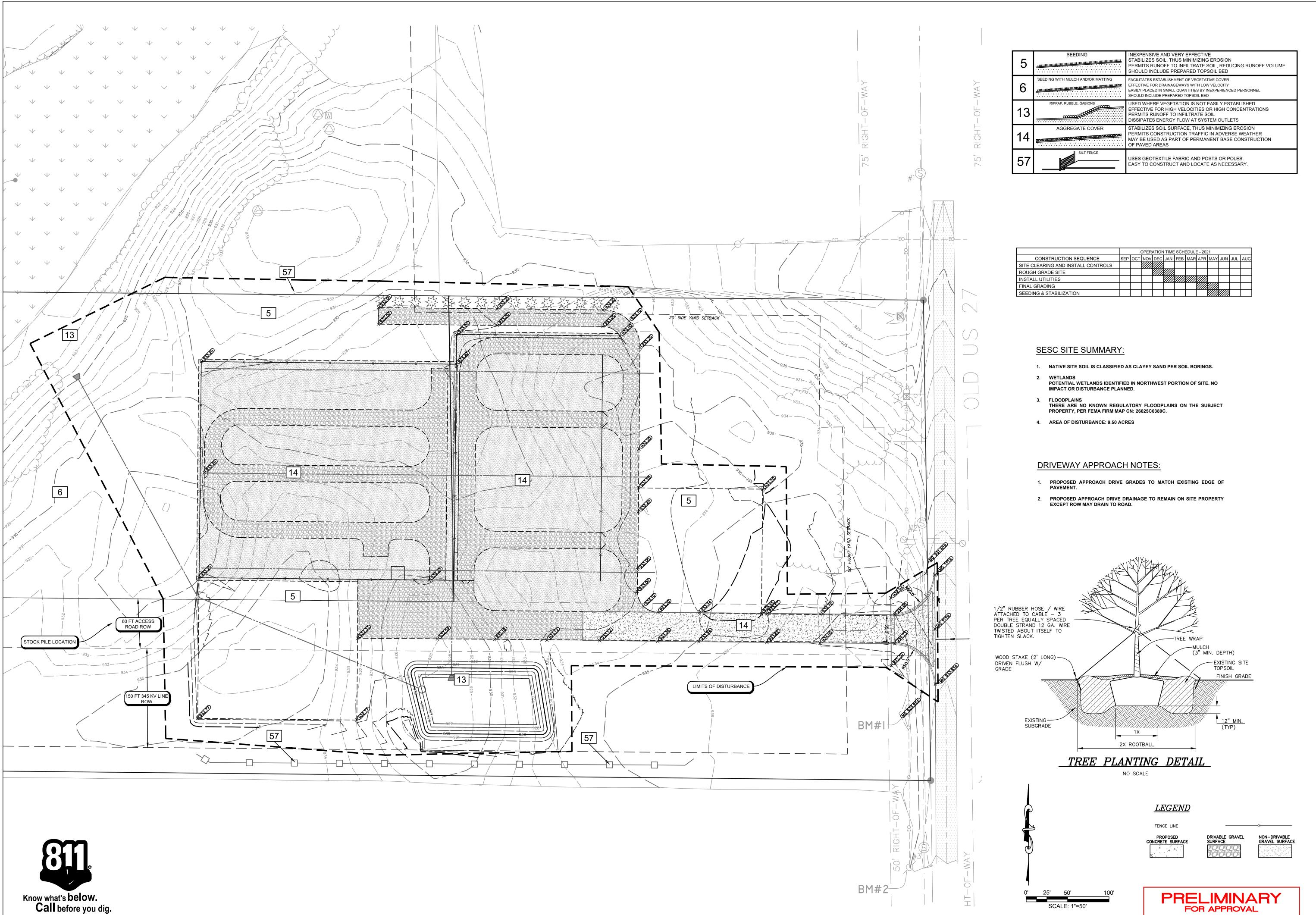
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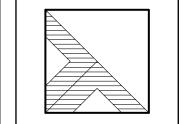
2050065.1A

SEWER PLAN

Project #

5 of 8





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ISSUED FOR: OWNER REVIEW 11-19-2020 D: TNJ C:TH OWNER REVIEW

2 04-21-2021 D: TNJ C:TH OWNER REVIEW 3 10-05-2021 D: TNJ C:TH

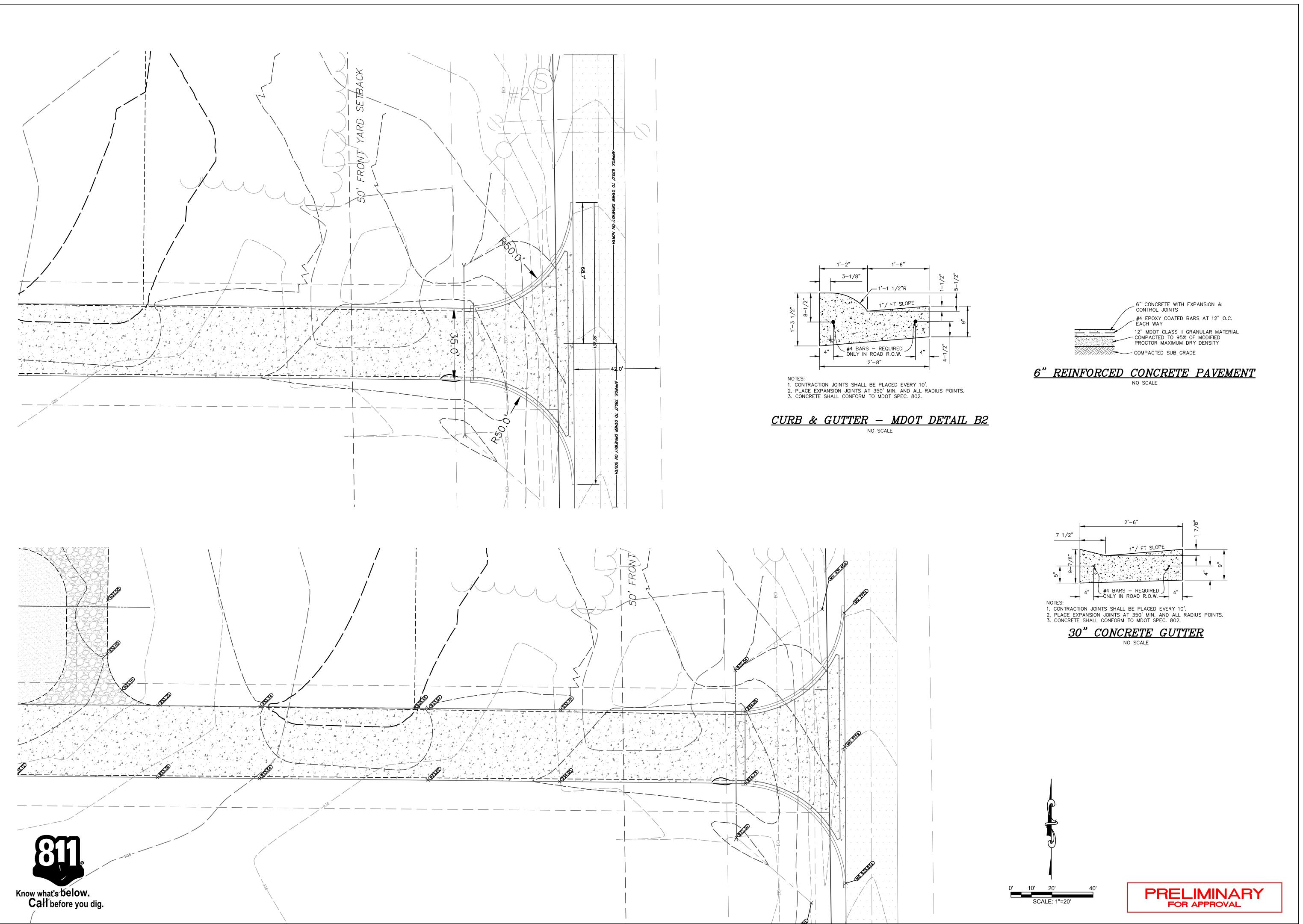
4 CITY SITE PLAN REVIEW 10-15-2021 D: TNJ C:TH

Project Manager: TRACY HUTCHINSON Project # 2050065.1A

GRADING AND SESC PLAN

Sheet Title:

6 of 8



Engineering Surveying Testing

Holland, MI 616-396-0255 Grand Rapids, MI 616-249-3800

Kalamazoo, MI 269-544-1455 Lansing, MI

Lansing, MI 517-889-6210 Ypsilanti, MI 734-368-9483

734-368-948 ______

BROOKS SUBSTATION
11301 OLD US-27 SOUTH
11301 OLD US-27 SOUTH
-FORCITY OF MARSHALL
323 W. MICHIGAN AVE., MARSHALL, MI 49068

ISSUED FOR:

1 OWNER REVIEW
11-19-2020 D: TNJ C:TH
2 OWNER REVIEW
04-21-2021 D: TNJ C:TH

3 OWNER REVIEW
10-05-2021 D: TNJ C:TH
4 CITY SITE PLAN REVIEW
10-15-2021 D: TNJ C:TH

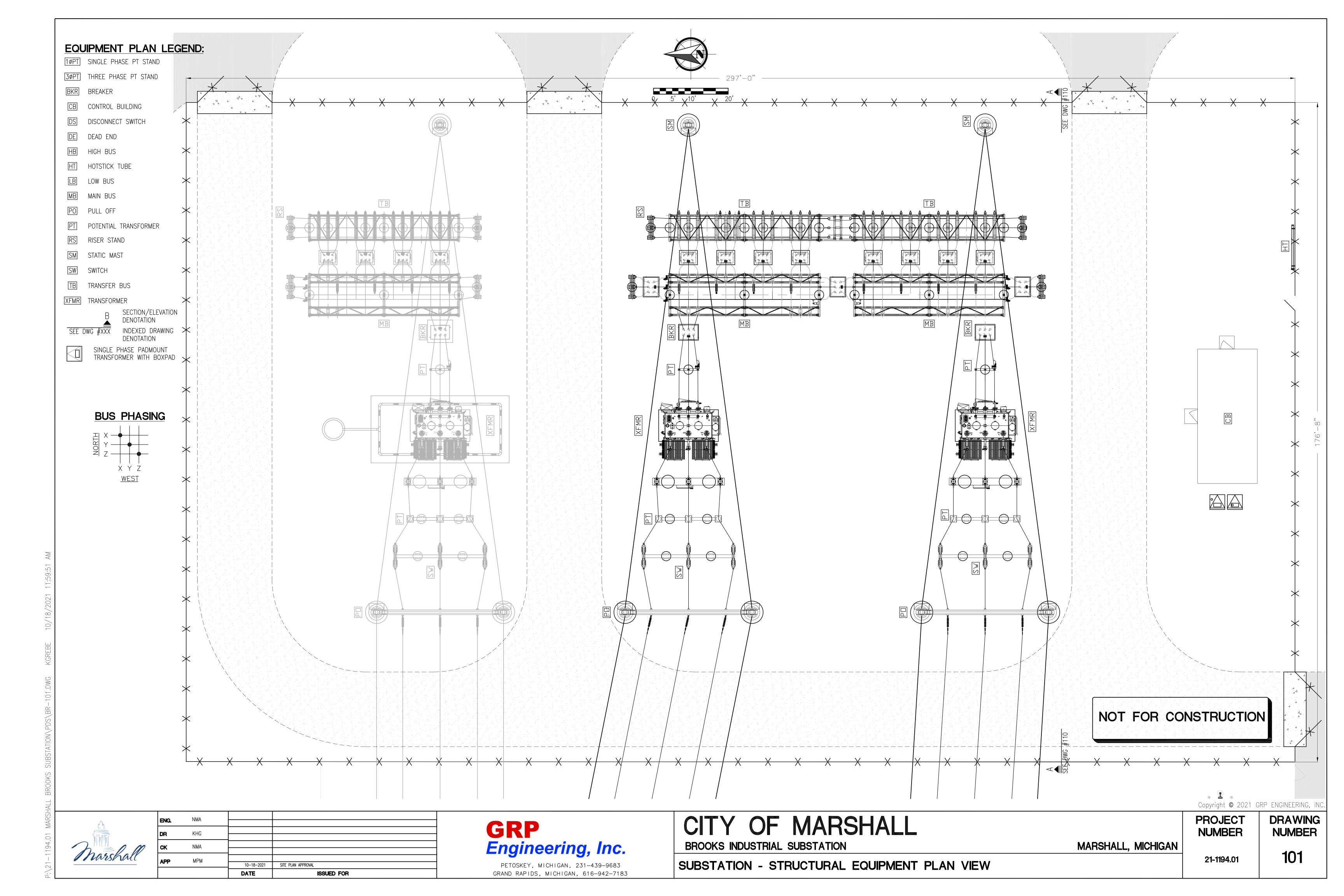
Project Manager:
TRACY HUTCHINSON

Project # 2050065.1A
Sheet Title:

| | DRIVE DETAIL

eet #

C-400 7 of 8



138KV MINIMUM ELECTRICAL CLEARANCES RIGID PARTS RIGID PARTS PHASE TO PHASE TO GRADE PHASE TO GROUND

52.5**"**

63"

12.47KV	MINIMUM	ELECTRICAL	CLEARANCES	

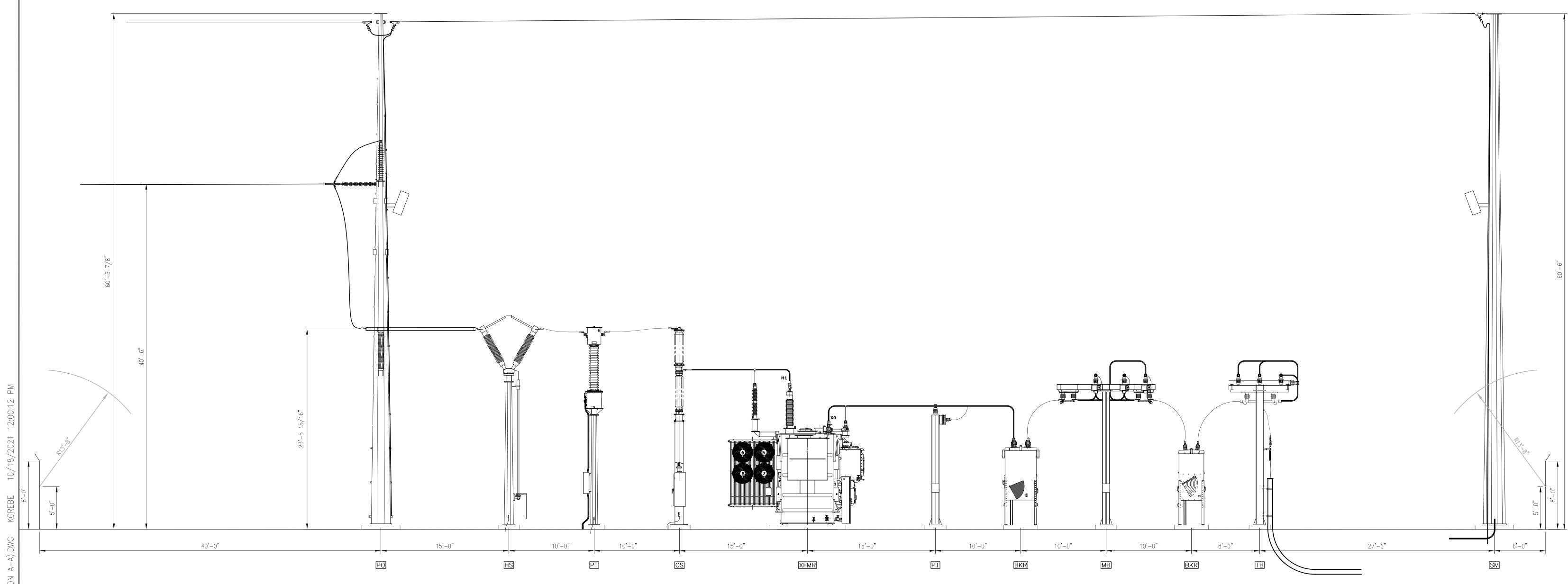
13'-0"

RIGID PARTS PHASE TO PHASE	RIGID PARTS PHASE TO GROUND	BUS €'S	LIVE PARTS TO GRADE
12"	10"	24"	9'-0"

NOTES:

1. PHASE SIGNS SHALL BE LOCATED ON ALL EQUIPMENT, SWITCHES AND

- ADJACENT TO ALL END BUS SUPPORTS. DEVICE NAME SIGNS SHALL BE LOCATED ON CIRCUIT SWITCHES CIRCUIT BREAKERS, AND SWITCHES. 2. CONNECTORS USED ON WIRE OR BUS SHALL BE WELDED TYPE,
- UNLESS SHOWN OTHERWISE. 3. ALL BUS SUPPORT FITTINGS WITH A SUBSCRIPT "S" MUST BE INSTALLED AS A "SLIP FREE" CONNECTION, AND SUBSCRIPT "F"
- INSTALLED AS A "FIXED" CONNECTION. 4. IF BUS COUPLERS ARE REQUIRED, ALL TYPES AND LOCATIONS MUST BE APPROVED BY THE ENGINEER.
- 5. USE NO-OXIDE COMPOUND ON ALL ALUMINUM CONNECTIONS. 6. USE TEFLON TAPE ON ALL VERTICAL CONDUIT CONNECTIONS.
- 7. ALL OPEN BUS ENDS MUST BE CAPPED. 8. #336.4 ACSR DAMPING CABLE SHALL BE INSTALLED IN ALL BUS.
- 9. WEEP HOLES SHALL BE DRILLED IN ALL BUS: 9.1. (3) WEEPHOLES, 1/8" DIAMETER AT MIDSPAN OF SUPPORTS, 3" TO 6" SPACING.
- 10.REFER TO DWG #410, #151, #152 FOR CONDUIT LAYOUT AND
- ROUTING DETAILS". 11.138KV DISCONNECT SWITCHES LINE SIDE TERMINAL SHALL BE
- OWNERSHIP DEMARCATION BETWEEN CITY OF MARSHALL & ITC. 12. CONTRACTOR TO COORDINATE INSTALLATION OF 138KV JUMPER
- BETWEEN STATIONS WITH ITC CONTRACTORS.



ELEVATION "A-A" SCALE: 3/16" = 1'

NOT FOR CONSTRUCTION

ENIO	NMA		
ENG. NMA			
DR	KHG		
DR	MIO		
СК	NMA		
APP	MPM		
		10-18-2021	SITE PLAN APPROVAL
		DATE	ISSUED FOR

GRP *Engineering, Inc.* PETOSKEY, MICHIGAN, 231-439-9683 GRAND RAPIDS, MICHIGAN, 616-942-7183

CITY OF MARSHALL

BROOKS INDUSTRIAL SUBSTATION SUBSTATION - ELEVATION "A-A"

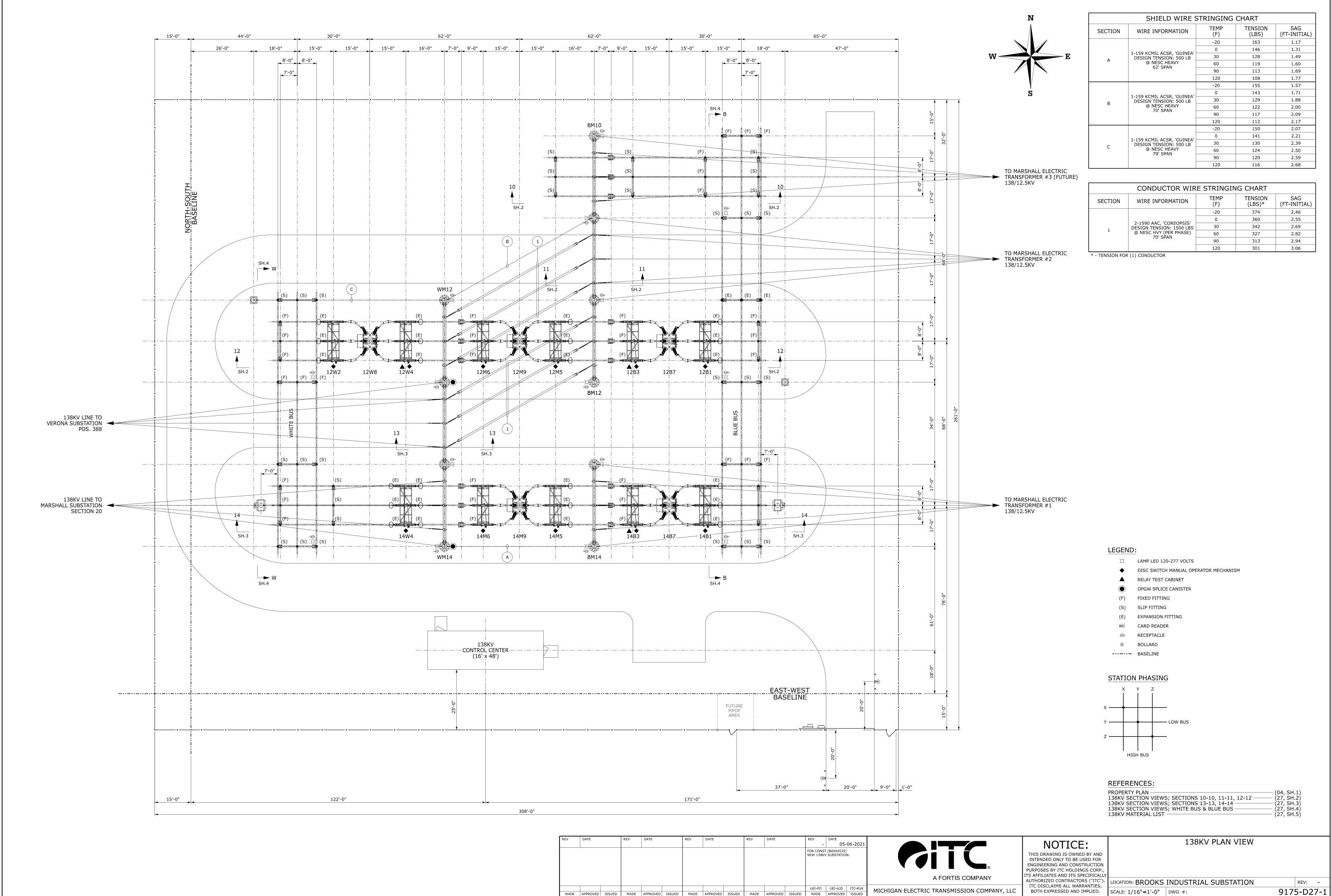
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NUMBER MARSHALL, MICHIGAN

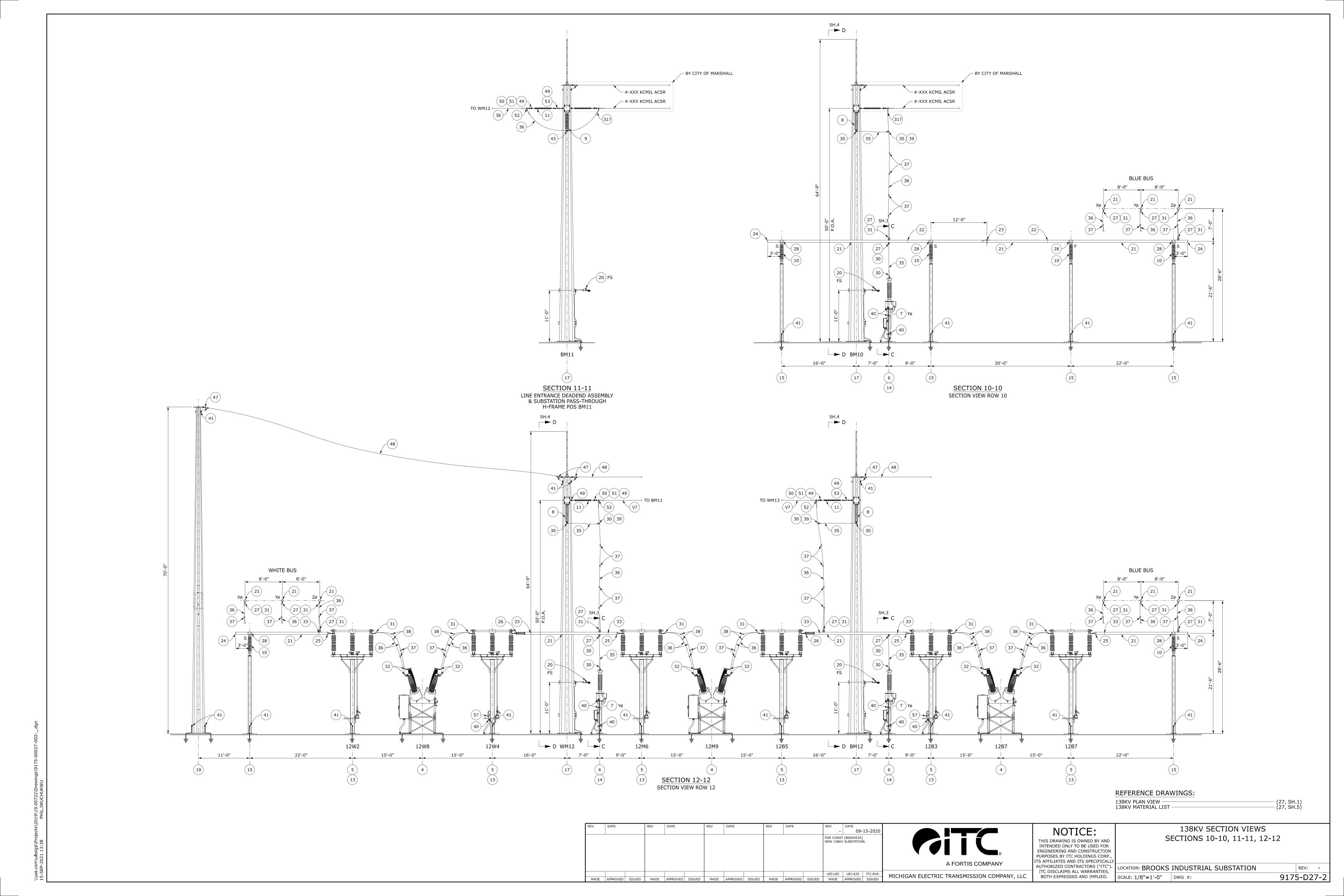
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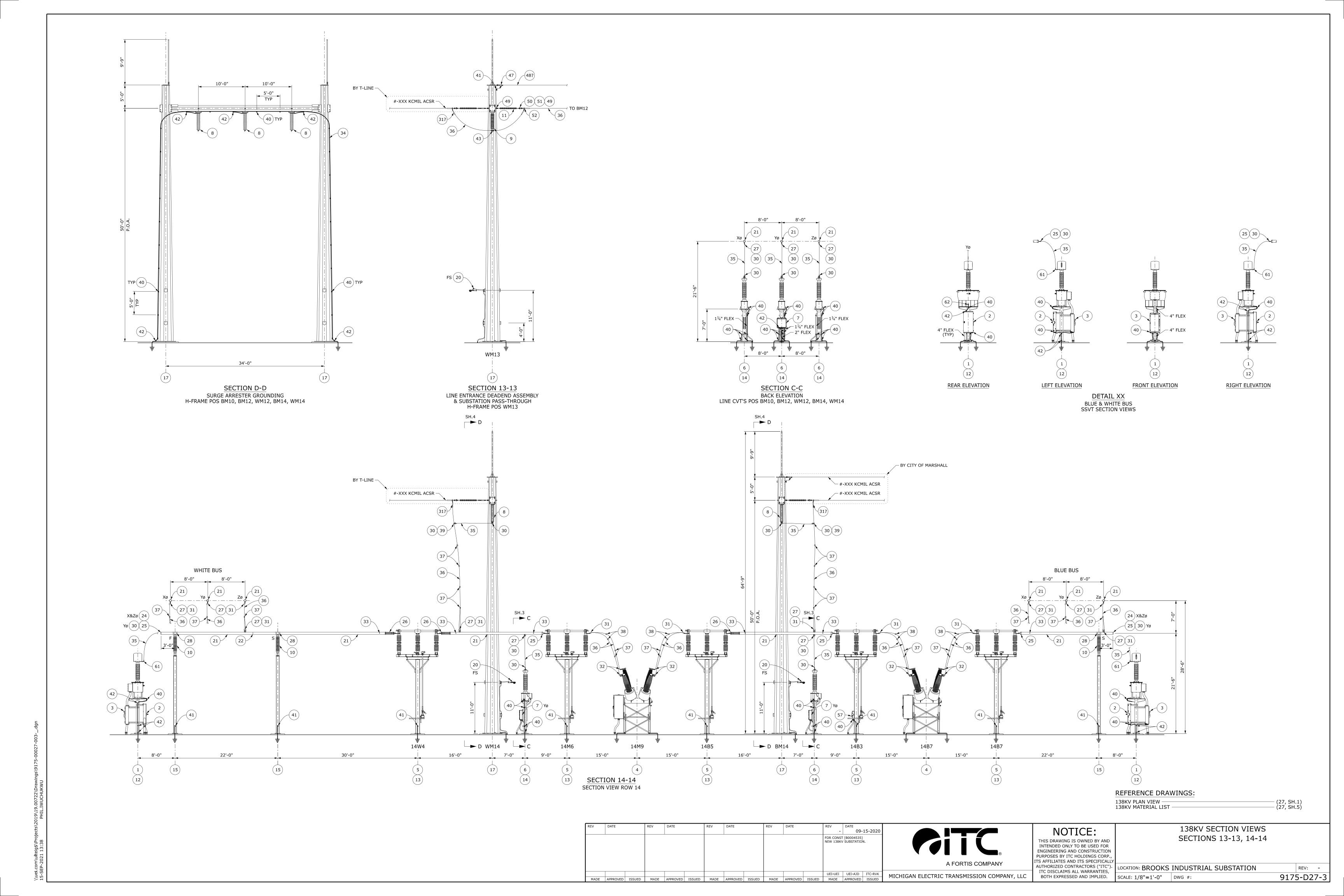
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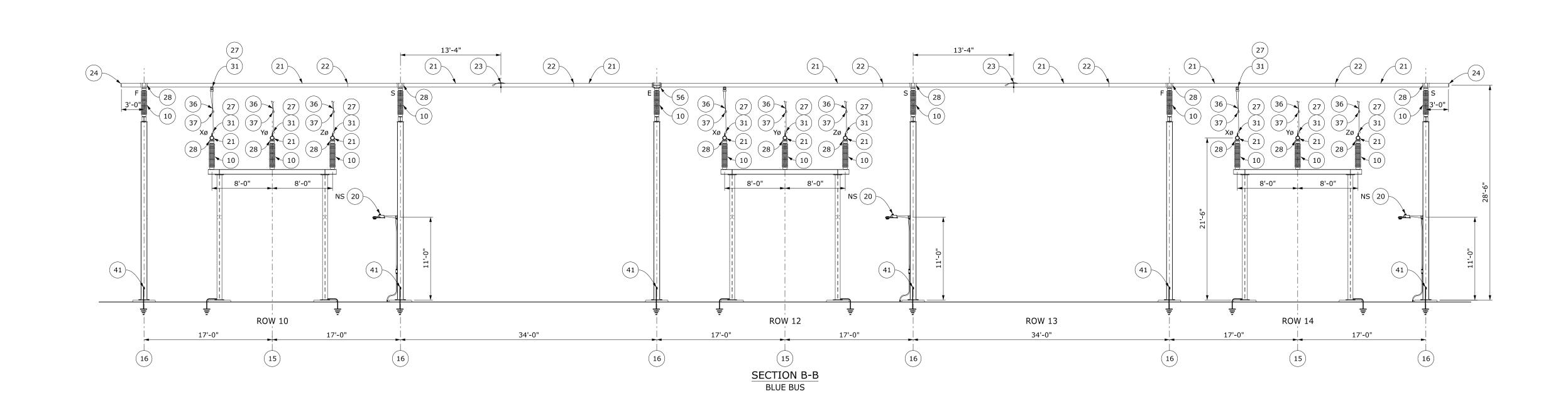
NUMBER

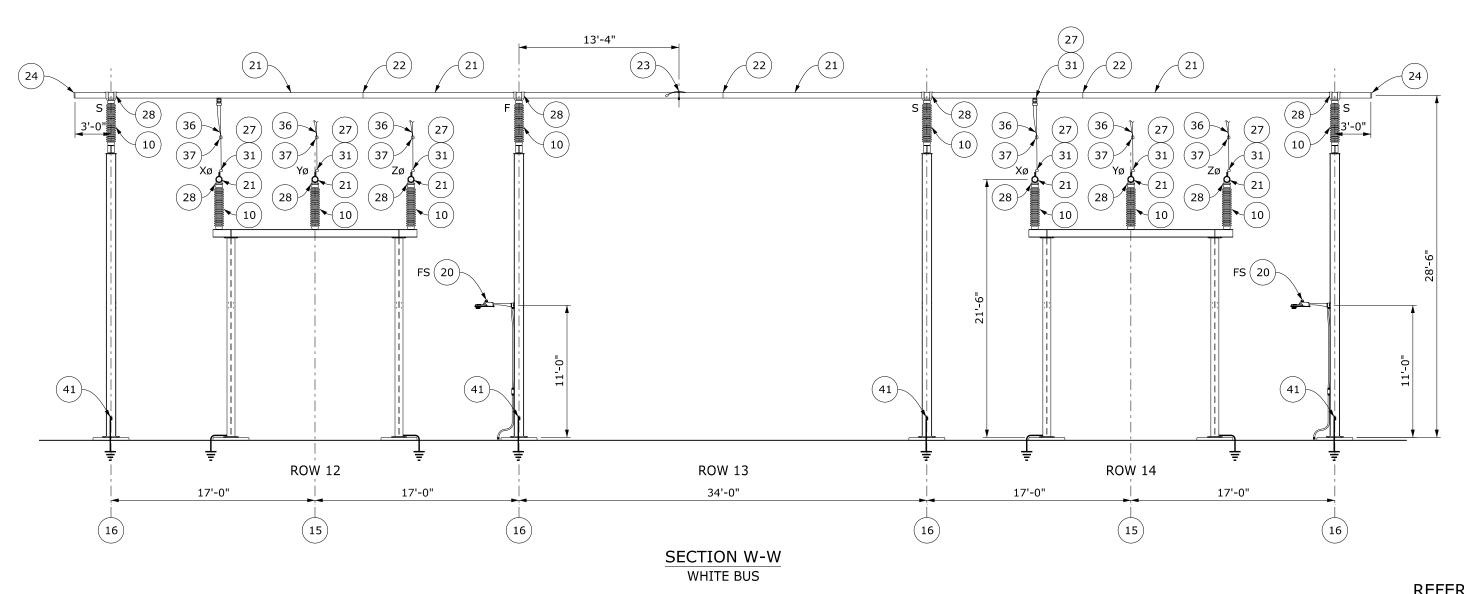


9175-D27-1









REFERENCE DRAWINGS:

-- (27, SH.1) -- (27, SH.5)

DATE - 09-15-2020 FOR CONST [B0004535] NEW 138KV SUBSTATION. MICHIGAN ELECTRIC TRANSMISSION COMPANY, LLC

A FORTIS COMPANY

NOTICE:

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138KV SECTION VIEWS SECTION VIEWS

SECTIONS B-B, W-W

LOCATION: BROOKS INDUSTRIAL SUBSTATION

SCALE: 1/8"=1'-0" DWG #: 138KV SECTION VIEWS SECTIONS B-B, W-W

REV: -9175-D27-4

2022 Planning Commission Submission Deadlines

The Marshall City Planning Commission shall meet on the 2nd Wednesday of the month at 7:00 pm in City Hall Council Chambers at 323 W. Michigan Avenue, Marshall, MI 49068. In the event of no business, the Planning Commission will move to their next regularly scheduled meeting.

Submission Deadline	Meeting Date
December 20, 2021	January 12, 2022
January 17, 2022	February 9, 2022
February 14, 2022	March 9, 2022
March 21, 2022	April 13, 2022
April 18, 2022	May 11, 2022
May 16, 2022	June 8, 2022
June 20, 2022	July 13, 2022
July 18, 2022	August 10, 2022
August 22, 2022	September 14, 2022
September 19, 2022	October 12, 2022
October 17, 2022	November 9, 2022
November 21, 2022	December 14, 2022