

MARC MEMBERS

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Bartlett & West Engineering
Corp/Larson's Tattooing

Support Staff

Ellen Huber
Business Development
Director, City of Mandan

Carolyn Reisenauer
Administrative Assistant
City of Mandan

**ARCHITECTURAL REVIEW
COMMISSION
AGENDA FOR
TUESDAY
OCTOBER 13, 2020
1:00 p.m.**

**Veterans' Conference Room
City Hall, 205 Second Avenue NW**

Topic: MARC Meeting

Time: Oct 13, 2020 01:00 PM Central Time (US and Canada)

Join Zoom Meeting

<https://zoom.us/j/95812926862?pwd=dHNtNFpTK3hyaURkcnNleWl6cEhGQT09>

Dial +1 312 626 6799 US

Meeting ID: 958 1292 6862

Passcode: 135749

ROLL CALL:

OLD BUSINESS: MARC Application Discussion

NEW BUSINESS:

1. Proposal by Jon Goodhart to construct a detached garage located at 107 12 Ave NE.
2. Proposal by Brian with Pyramid Network Services for revisions on existing tower site located at 3801 Old Red Trail NW.
3. Proposal by Jamie to install a fence located at 202 E Main St.

MINUTES: Approval of September 22, 2020 meeting minutes.

OTHER BUSINESS:

UNFINISHED BUSINESS:

ADJOURN:

Please note: If any commission member would like additional information, please feel free to contact the Building Inspections Department at 667-3230 prior to the meeting.

MANDAN ARCHITECTURAL REVIEW COMMISSION MINUTES

September 22, 2020

The meeting was called to order at 1:00 p.m.

ROLL CALL: James Jeromchek/ President, Shawn Ouradnik/Building Official, Kim Fettig/City Engineer Dept., Lee Pierce, Chad Peterson, Amber Larson.

MEMBERS ABSENT: Ben Zachmeier, Steve Nardello/Fire Chief, Katie Wiedrich/Vice President.

SPECIAL GUEST: Ellen Huber/Business Development Director & John Van Dyke/City Planner.

FIRST ORDER OF BUSINESS: The discussion of the Role of MARC. Shawn presented a general overview of the downtown core, downtown fringe and the gateway district areas and also what is to be expected from the members. John asked if there was a plan to update the zoning code to reflect the requirements on the presentation given. Shawn stated a lot of them have been updated. If they're not in there the board needs to make some recommendation and changes. Shawn also mentioned projects should be reviewed prior to the meeting. James inquired it would be good to know what is in the core, fringe or gateway areas to make a decision verses going thru the ordinance online. Amber stated the direction of this committee has changed since the signs have been going thru only Shawn. Shawn stated he would like this committee to focus more on the projects and beautifying the city with better landscaping standards. Ellen suggested to review the core, fringe and gateway districts and familiarize yourselves and recommend a change if needed. John commented more than likely when the application wouldn't align with the standards when the applicant doesn't know what is to be expected in that area. And also are the standards understandable and clear. Shawn stated if we go thru each district area we all can get a better idea on what to expect.

SECOND ORDER OF BUSINESS: Revised Application discussion. Shawn mentioned he change the application to digital submittals verses paper copies. Making it easier for applicants to get on the agenda. Shawn also added a note: if you project is for exterior improvements to a building with no additions, driveway, sidewalk, landscaping, or grading to the lot only the information in sections B and C are required. Incomplete applications will not be accepted. Shawn will add instructions with the application along with adding information on location (downtown core, fringe etc.). Amber stated adding a hyperlink would be helpful. Shawn will add if the applicant is receiving any public funding. John stated to add the City of Mandan logo on the application.

MINUTES: Approval of the minutes from September 8, 2020.

Kim motioned to approve the minutes.

Chad seconded.

Upon roll call vote, the motion passes unanimously.

There being no further business, the meeting was adjourned at 1:01 p.m.

Approved by:

Date

Transcribed by:

Carolyn Reisenauer/Admin. Specialist

ARCHITECTURAL REVIEW COMMISSION APPLICATION

1. Give a brief description of you project.
2. The contact information for the owner of the property.
3. If an Architect is used provide the contact information for the Architect.
4. The contact information for the general contractor that will be performing the work for your project.
5. The address of the parcel (lot) the work is being performed on.
6. Provide the Legal Description for the Parcel (lot).
7. The current zoning of the parcel (lot).
8. Indicate if the Parcel (lot) is located in the Downtown Core, Down Town Fringe, Gateway overlay district, or Memorial Highway overlay district. (see maps provided).
9. Describe what the parcel (lot) is currently being used for.
10. Give an exact lot size, building size, and proposed size of an addition or project size.
11. Cost for the project to include all dirt work, concrete, construction, electrical, plumbing, HVAC, landscaping, utilities, and any other costs associated with the project.
 - If this project is receiving any public funds from the city of Mandan please indicate which programs are being taken advantage of.

If you have additional question or need clarification on any of the items listed on the application please contact the Building Inspections office at 701-667-3230 and we will provide guidance on the completion of this form.

Building Inspections Department Phone: 701- 667-3230 Fax: 667-3481

Applications need to be submitted to the Building Inspections Department no later than 12 p.m. (noon) on the Wednesday prior to the scheduled meeting at which consideration is desired. Digital submittals will be accepted. If paper copies are submitted ten (10) copies of the following information are required. Eight (8) copies shall be no larger than 11 x 17 and two copies shall be complete sets, drawn to scale. Incomplete applications will not be accepted. If you have any question call the Building Inspections department at 701-667-3230

1. Description of Proposed Activity: _____

2. Name of Owner: _____
Mailing Address: _____
Phone (Cell) _____ (Office) _____
3. Name of Architect if applicable: _____
Mailing Address: _____
Phone (Cell) _____ (Office) _____
4. Name of Contractor: _____
Mailing Address: _____
Phone (Cell) _____ (Office) _____
5. Parcel Address: _____
6. Legal Description:
Lot _____ Block _____ Addition _____
Section _____ Township _____ Range _____
7. Zoning: _____
8. Special Purpose District: _____
9. Existing Land Use: _____
10. Lot Size (Sq Ft) _____
Existing Bldg Area (Sq Ft) _____
Proposed Bldg Area (Sq Ft) _____
11. Estimated Cost of Project: _____
➤ Is this project receiving incentives from the City of Mandan? Yes ___ No ___
If you are receiving incentives please indicate which programs have been applied for.

I understand the procedures for Architectural Review and have received the checklist (see attached sheet) to be followed for approval as set forth in Chapter 111-1 of the Mandan City Code.

Approvals are subject to compliance with Federal, State and Local regulations.

Applicant: _____ Date: _____

Revised (9-20)

CHECK LIST FOR ARCHITECTURAL REVIEW COMMISSION APPLICATION

Applications need to be submitted to the Building Inspections Department no later than 12 p.m. (noon) on the Wednesday prior to the scheduled meeting at which consideration is desired. Digital submittals will be accepted. If paper copies are submitted ten (10) copies of the following information are required. Eight (8) copies shall be no larger than 11 x 17 and two copies shall be complete sets, drawn to scale. Incomplete applications will not be accepted. If you have any question call the Building Inspections department at 701-667-3230.

A. Plot Plan - Drawn to Scale

- _____ 1. Boundaries-Indicate North Arrow
- _____ 2. Road(s) fronted upon
- _____ 3. Utility lines or easements-existing and planned
- _____ 4. Major topographic features-existing and planned-drainage
- _____ 5. Landscaping and major vegetative cover-existing and planned
- _____ 6. Location of structure(s) on site; existing and proposed
 - a. Includes dimensions
 - b. Includes set back distances
 - c. Includes exterior security and area lighting, fire hydrants (must indicate if 350 feet or less from proposed project), etc.
 - d. Dumpsters and screen walls
- _____ 7. Vehicular and pedestrian plans.
 - a. Parking. Include number of spaces including handicapped parking, location, hard surfacing, etc.
- _____ 8. Signage

B. Photos and/or Samples of Proposed Building Exterior, Including Exterior Colors

C. Elevation Architectural Plans to Scale

- _____ 1. Elevation drawings to include ALL sides.

D. Two Copies of the Storm Water Management Systems. This must be certified by an engineer. If not applicable, submit in writing why you think it should not affect the existing system.

E. The owner, whenever possible, and the contractor or a representative needs to be present at the scheduled meeting.

Note: If your project is for exterior improvements to a building with no additions, driveway, sidewalk, landscaping, or grading to the lot only the information in sections B and C are required. Incomplete applications will not be accepted.

The Architectural Review Board has a regularly scheduled meeting every 2nd and 4th Tuesday at 1 p.m. in City Hall. Applications may be accepted and/or scheduled up to the prior Wednesday at 12 p.m. (noon).

APPLICATION INSTRUCTIONS

A. Plot Plan - Drawn to Scale

The plot plan must include boundaries-Indicate north arrow, road(s) fronted upon, utility lines or easements-existing and planned, major topographic features-existing and planned-drainage, landscaping and major vegetative cover-existing and planned, location of structure(s) on site; existing and proposed, dimensions, set back distances, exterior security, area lighting, fire hydrants, dumpsters and screen walls, vehicular and pedestrian plans, parking, and signage.

All aspects must be included on the plot plan to insure the commission has a clear picture of what will be happening on site and to avoid any future complications to the city and developer that may increase cost and cause delays on the project. See example plot plan.

B. Photos and/or Samples of Proposed Building Exterior, Including Exterior Colors

Photos help the commission with the vision of the exterior of the building. Showing the current exterior as it is the day of the meeting and what the future building will look like will ensure that all aspects are covered. All though the photos provided for the expiation of an existing building or new building may not be exact it will give a good overview of the intent of the project.

Providing physical examples of the material that will be used will give the commission a better picture of the project. In certain areas of the city minimum requirements for exterior coverings are present. By providing examples of the exterior covering material will mitigate the complications of having to adhere to the requirements during construction which could cost additional money and time to the developer.

C. Elevation Architectural Plans to Scale

The elevation and Architectural drawings of the new structure or expansion to an existing structure will give further context to the project. The drawings must be in color and to scale, showing all aspects of the exterior of the project. They must be of all sides of the project and major aspects of the site that are detached from the main structure such as dumpster screening, accessory structures and landscaping when necessary.

D. Two Copies of the Storm Water Management Systems. This must be certified by an engineer. If not applicable, submit in writing why you think it should not affect the existing system.

The Storm Water plan must be submitted to the city engineer for review at the time of the meeting. If the plan is not approved at the time of the meeting any action the commission takes will be contingent on the approval of the storm water plan. For specific requirements contact the city engineer.

If a storm water plan is not needed please submit information as to why it is not required and the determination of the city engineer unless no site work that involves moving dirt, installing impervious surfaces (driveway, sidewalk, ect.), or adding/removing major landscaping features is involved.

E. The owner, whenever possible, and the contractor or a representative needs to be present at the scheduled meeting.

Sec. 105-4-2.1. - DC Downtown Core District.

Downtown Core Location.

The following described property shall be included in the DC Downtown Core District:

In Mandan Proper Subdivision, Morton County, North Dakota in Section 27, Township 139 North, Range 81 West:

All of Blocks 3-10 and 19-22; Lots 7-12, Block 23; Lots 1-6, Block 36; Lots 7-12, Block 35.

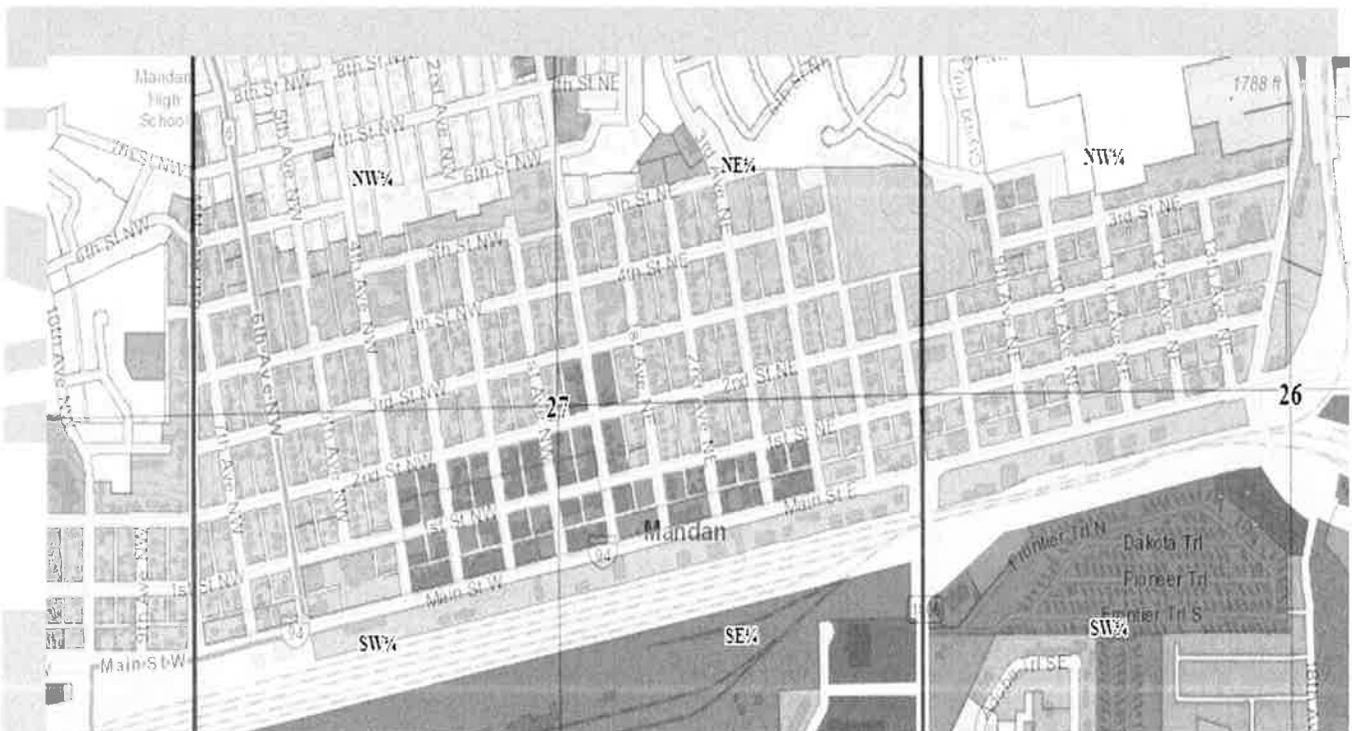
Sec. 105-4-2.2. - DF Downtown Fringe District.

Downtown Frindge Location.

The following described property shall be included in the DF Downtown Fringe District:

In Mandan Proper Subdivision, Morton County, North Dakota in Section 27, Township 139 North, Range 81 West:

All of Blocks 1 and 2, 11-18, 24-34, 37-58; Lots 1-6, Block 23; Lots 1-6, Block 35; Lots 7-12, Block 36.



Downtown Core is shown in dark blue.

Downtown Frindge is shown in light blue.

Downtown parking district outlined in green.

GATEWAY AND MEMORIAL HIGHWAY OVERLAY DISTRICTS

WHERE THE WEST BEGINS

Sec. 105-4-6. - Gateway Overlay District and Memorial Highway Overlay District.

Location of the Gateway Overlay District.

The Gateway Overlay District includes properties partially or fully within 200 feet of the rights-of-way of the following corridors: I-94 and its ramps within Mandan's city limits and extraterritorial jurisdiction. Main Street west from 10th Avenue West to the western edge of the extraterritorial jurisdiction and from Mandan Avenue east to I-94; Highway 6 south from Main Street to the edge of the extraterritorial jurisdiction; Highway 1806 south from Main Street to the edge of the extraterritorial jurisdiction and north from Old Red Trail to the edge of the extraterritorial jurisdiction and Sunset Ave NW north from Old Red Trail to Highway 1806 or County 38th Street North and within the extraterritorial jurisdiction to the City of Mandan, Morton County, North Dakota

MAP TO BE ADD

CITY OF

MANDAN

Location of the Memorial Highway Overlay.

The Memorial Highway Overlay District includes properties partially or fully within 200

feet of the rights-of-way of the following corridors: Memorial Highway, McKenzie Drive, 40th Avenue SE from Memorial Highway to McKenzie Drive, and 46th Avenue SE from Memorial Highway to McKenzie Drive.



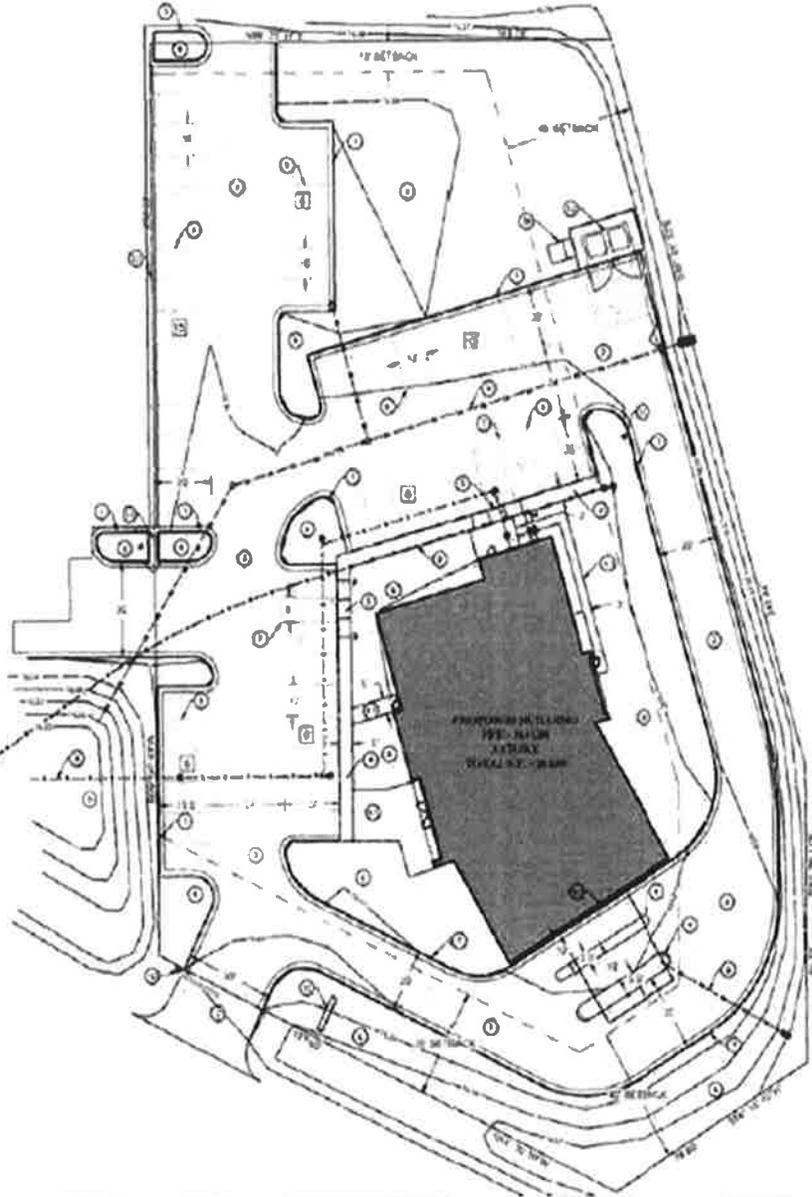
IVAN LUNAN
WHERE THE WEST BEGINS

Plot Plan Examples

MAJOR FEATURES

EX MEMORIAL SQUARE BUILDING

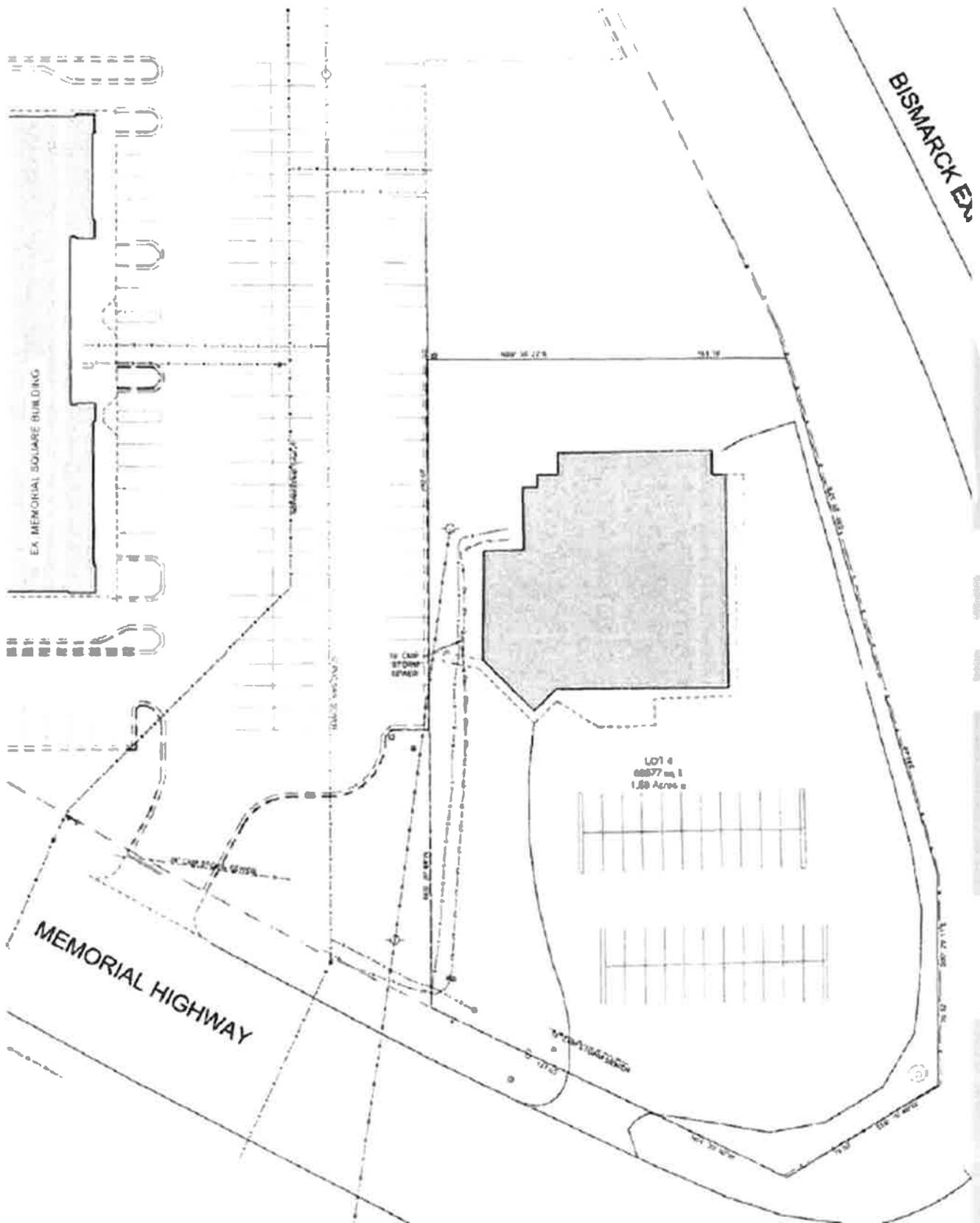
MEMORIAL HIGHWAY



MANDAN

WHERE THE WEST BEGINS

LANDSCAPING



WHERE THE WEST BEGINS

ok

1

**MANDAN ARCHITECTURAL REVIEW COMMISSION
APPLICATION
PHONE 667-3230 FAX 667-3481**

Applicants must present 10 copies of all required documentation to the Building Inspections Department no later than 12 p.m. (noon) on the Wednesday prior to the scheduled meeting at which consideration is desired.

1. Description of Proposed Activity: Garage construction 52X34
2. Name of Owner: Jon Goodhart
Mailing Address: 1108 5th Ave NE, Mandan ND 58554
Phone (Cell) 701.471.9945 (Office) 701.663.4500
3. Name of Architect if applicable: N/A
Mailing Address: _____
Phone (Cell) _____ (Office) _____
4. Name of Contractor: Charvat Construction
Mailing Address: 311 8th Ave NW, Hazen ND 58545
Phone (Cell) 701.220.3756 (Office) 701.220.3756
5. Parcel Address: 107 12th Ave NE, Mandan ND 58554
6. Legal Description:
Lot 1-6 Block 5 Addition (140) Helmsworth-McLean
Section _____ Township _____ Range _____
7. Zoning: Commercial
8. Existing Land Use: Parking lot
9. Lot Size (Sq Ft) 21,000
Existing Bldg Area (Sq Ft) 3,047
Proposed Bldg Area (Sq Ft) 1,832
10. Estimated Cost of Project: 99,000

I understand the procedures for Architectural Review and have received the checklist (see attached sheet) to be followed for approval as set forth in Chapter 111-1 of the Mandan City Code.

Approvals are subject to compliance with Federal, State and Local regulations.

Applicant Jon Goodhart Date 9-20-20



Color / material

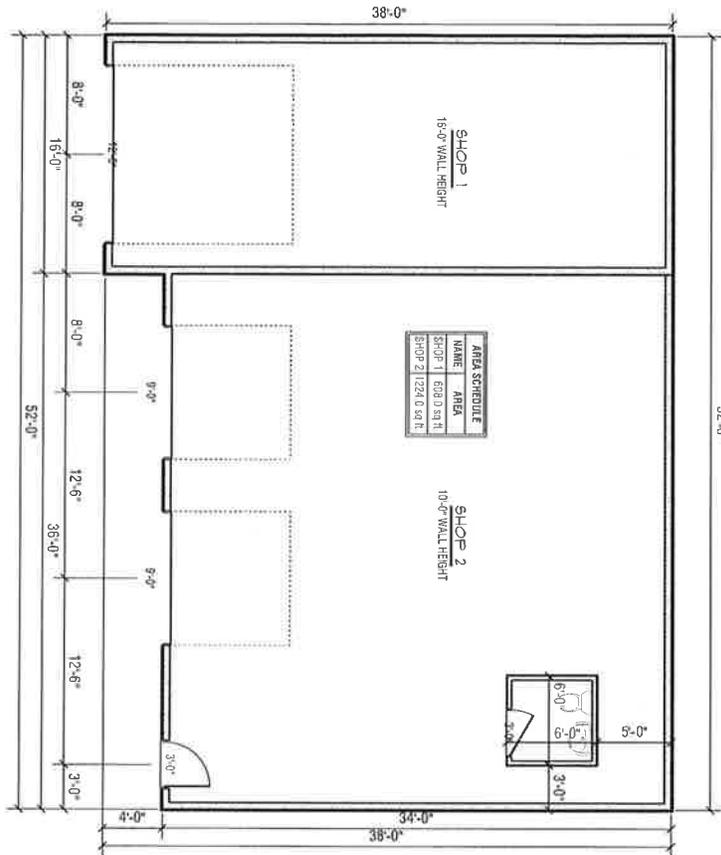
Construction of these plans should not be undertaken without a professional who can construct said project.
 Although every possible effort is made to insure the accuracy of these drawings, the builder and associated tradesman must carefully review all dimensions, rough openings, details shown (including but not limited to) and perform any necessary run out and rework as their responsibility for the same.
 Builders and associated tradesmen are to adhere to the most stringent and applicable local building codes if any local code has been adopted within the IBC or IRC standards.
 FINE LINE DRAFTING AND DESIGN IS NOT AN ARCHITECT OR ENGINEER
 The purchaser and/or builder of these plans releases Fine Line Drafting and Design, its officers, owners, employees or any family members associated with Fine Line Drafting and Design from any claims or legal's lawsuits that may occur before, during the construction of this project or any time thereafter.



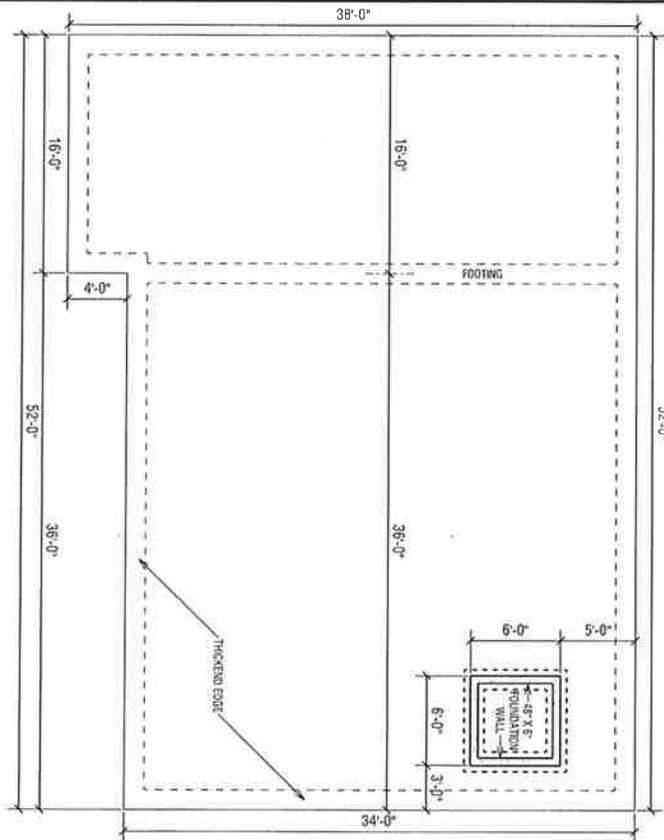
****COPYRIGHT NOTE****
ALL RIGHTS RESERVED FINE LINE DRAFTING AND DESIGN
 These drawings and specifications shall remain the property of the Designer and shall not be used for any other projects without the written consent of the Designer. These documents are not to be reproduced, changed or copied in any form or manner, what so ever. Not are they to be assigned to any third party without first obtaining the written permission and consent from the Designer.

ALL EXTERIOR DIMENSIONS ARE TO EXTERIOR EDGE OF BEARING (CONCRETE/STUD). ALL INTERIOR DIMENSIONS ARE TO STUD UNO.

MAIN FLOOR PLAN
 SCALE: 1/8" = 1'-0"



FOUNDATION PLAN
 SCALE: 1/8" = 1'-0"



Construction of these plans should not be undertaken without a professional who can construct said project. Although every possible effort is made to insure the accuracy of these drawings, the builder and associated tradesman must carefully review all dimensions, rough openings, details submitted in these drawings and perform any necessary on site reviews and all responsibility for the same. Builders and associated tradesman are to adhere to the most relevant or applied local building codes if no local code has been adopted adhere to the IRC or IBC standards.

"FINE LINE DRAFTING AND DESIGN" is not an Architect or Engineer.

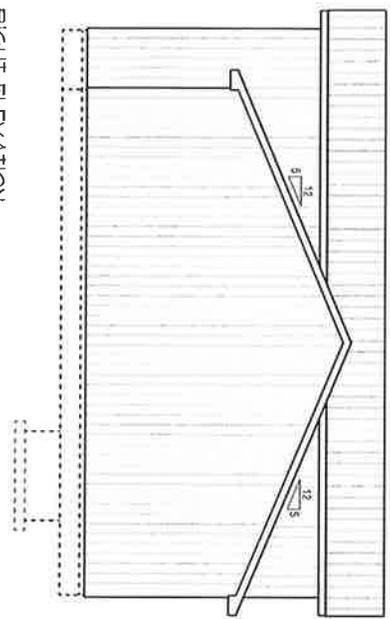
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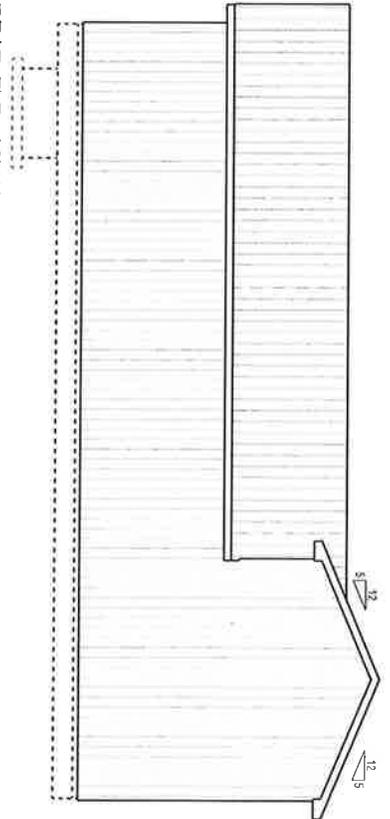
RIGHT ELEVATION
 SCALE: 1/8" = 1'-0"



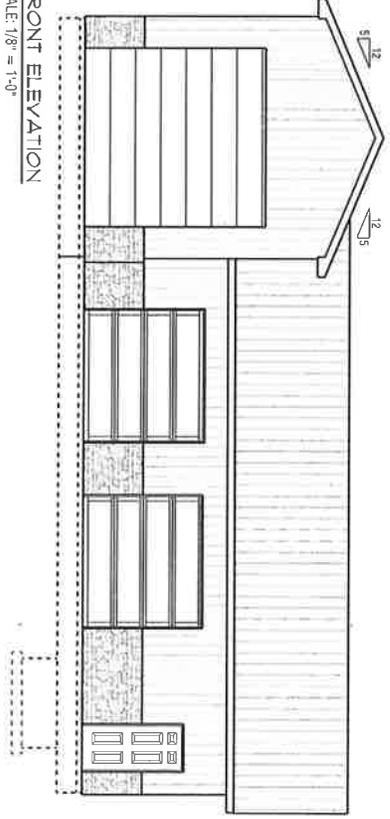
LEFT ELEVATION
 SCALE: 1/8" = 1'-0"



REAR ELEVATION
 SCALE: 1/8" = 1'-0"



FRONT ELEVATION
 SCALE: 1/8" = 1'-0"

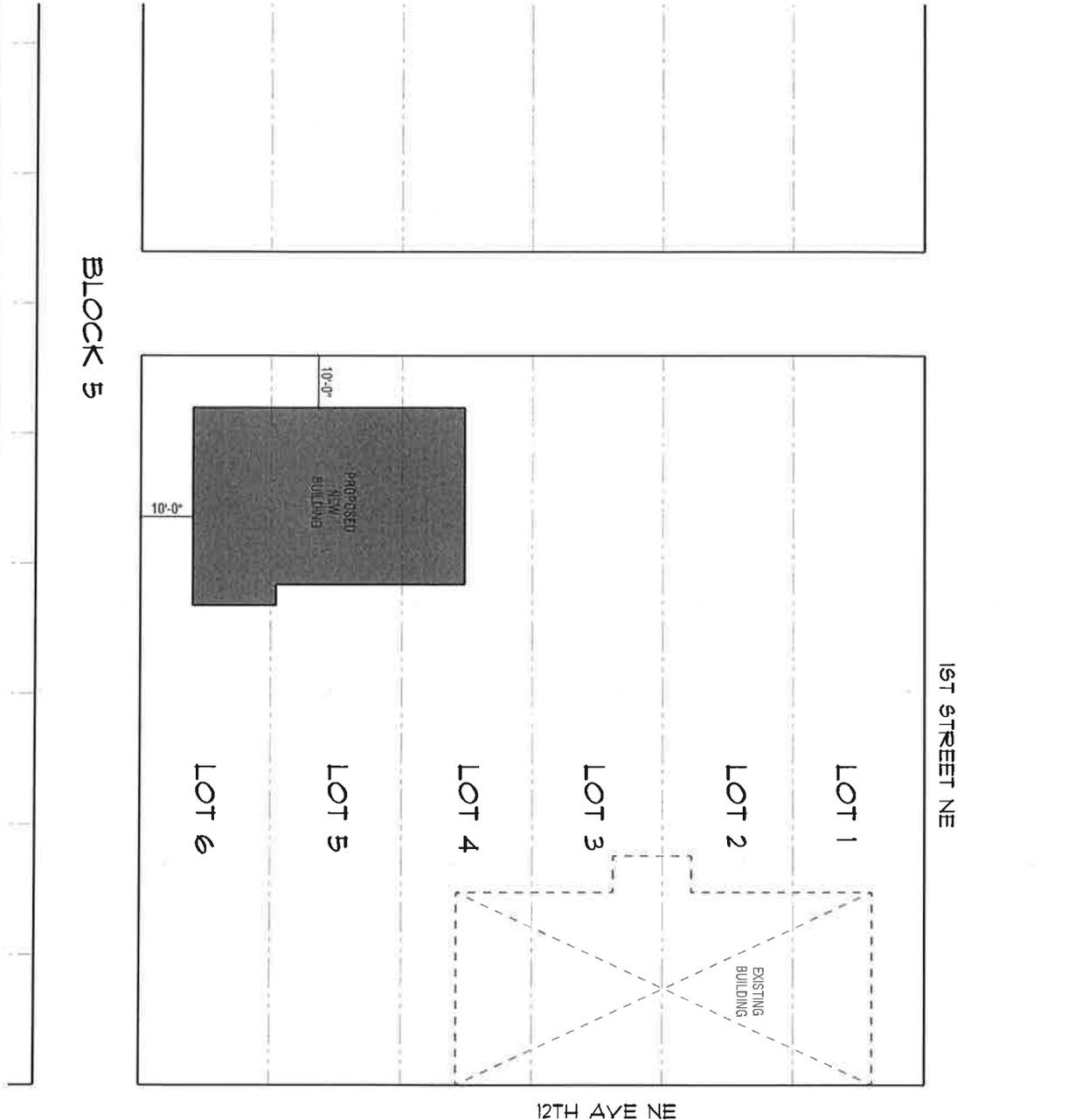


Construction of these plans should not be undertaken without a professional who can interpret said plans.
 Although every possible effort is made to insure the accuracy of these drawings, the builder and associated tradesman must carefully review all dimensions, rough openings, details submitted in these drawings and perform any necessary on-site reviews and all responsibility for the same. Builders and associated tradesman are to adhere to the most relevant or applied local building codes. If no local code has been adopted adhere to the IRC or IBC standards.
 "FINE LINE DRAFTING AND DESIGN" is not an architect or engineer.
 The purchaser and/or builder of these plans releases Fine Line Drafting and Design, its officers, owners, employees or any family members associated with Fine Line Drafting and Design from any claims or legal liabilities that may occur before, during the construction of this project or any time thereafter.



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

PAGE #
3

PRINT DATE:
 10/2/2020
 DATE:

SCALE:
 1" = 20'-0"
 ON 11X17
 20x2

JOB #
 2042

DRAWN BY: S.J.F.

SHOP
 CHARVAT CUSTOM HOMES



FINE LINE DRAFTING AND DESIGN
 1117 North 29th Street - Bismarck, ND 58501
 W- 701-595-1696 Email: fidd@bis.midco.net
 www.fine linedrafting.com www.facebook.com/finedraftingbismarcknd

CR

2

**MANDAN ARCHITECTURAL REVIEW COMMISSION
APPLICATION
PHONE 667-3230 FAX 667-3481**

Applicants must present 10 copies of all required documentation to the Building Inspections Department no later than 12 p.m. (noon) on the Wednesday prior to the scheduled meeting at which consideration is desired.

Brian

1. Description of Proposed Activity: _____
install 3 omni antennas on existing 330' guyed tower, new 12x20 shelter, new propane tank, bollards within existing compound
2. Name of Owner: City of Mandan
Mailing Address: 205 2nd Ave NW, Mandan, ND 58554
Phone (Cell) _____ (Office) 701-667-3215
3. Name of Architect if applicable: Mark Allen
Mailing Address: 6202 Constitution Drive, Suite C, Fort Wayne, IN 46804
Phone (Cell) _____ Office) 260-436-3922
4. Name of Contractor: Pyramid Network Services, LLC **Brian**
Mailing Address: 391 Greengate Dr., Lebanon, OH 45036
Phone (Cell) 513-384-6607 (Office) _____
5. Parcel Address: 3801 Old Red Trail, Mandan, ND 58554
6. Legal Description:
Lot _____ Block _____ Addition _____
Section 17 Township 139 Range 81
7. Zoning: ETZ
8. Existing Land Use: existing tower site
9. Lot Size (Sq Ft) 5.65 Acres
Existing Bldg Area (Sq Ft) 144
Proposed Bldg Area (Sq Ft) 312
10. Estimated Cost of Project: \$150,000.00

I understand the procedures for Architectural Review and have received the checklist (see attached sheet) to be followed for approval as set forth in Chapter 111-1 of the Mandan City Code.

Approvals are subject to compliance with Federal, State and Local regulations.

Applicant

9/21/2020

Date



NEW COMMERCIAL APPLICATION AND SITE PLAN REVIEW

Building Department, 205 2nd Ave. NW, Mandan ND 58501 Phone: (701) 667-3230 Fax: (701) 667-3481

Project Name: 7 Seas Simulcast		Estimated Cost: \$150,000.00	
Property Location (Legal Description - Lot, Block, Addition): Parcel ID: 654049000			
Property Address: 3801 Old Red Trail, Mandan, ND 58554		Existing Use of Land/Bldg: tower compound	
New Construction, Addition, or Remodel: Addition		Proposed Use of Land/Bldg: tower compound	
Parcel Size (sf):		Number of Stories: 1	Units: Overall Height: 11'-0"
Detailed Project Description: (please fill out separate permit for each building, if multiple buildings): install 3 omni antennas on existing 330' guyed tower, new 12x20 shelter, new propane tank, bollards within existing compound		Total Square Footage of Building: 312	
		Number of Off-street parking spaces required: 0	
		Number of Off-street parking spaces provided: 0	
PROPERTY OWNER:			
Name City of Mandan		Daytime Telephone Number:	
Mailing Address:		Email:	
CONTRACTOR			
Name: Pyramid Network Services, LLC		Name and Email of Contact Person : Brian Glardon bglardon@pyramidns.com	
Mailing Address: 391 Greengate Dr., Lebanon, OH 45036		Daytime Phone #: 513-384-6607	ND License #:
CONTACT PERSON (FOR PURPOSE OF PROCESSING THIS APPLICATION):			
Name of Contact Person: Brian Glardon		Name of Firm, if applicable: Pyramid Network Services, LLC	
Mailing Address: 391 Greengate Dr. Lebanon, OH 45036			
Daytime Phone Number: 513-384-6607		Email Address: bglardon@pyramidns.com	
SUB CONTRACTORS			
Zoning District: City of Mandan	Plumbing: N/A	ND License #	
Occupancy Classification: V	Heating: N/A	ND License #	
Type of Construction: V	Electrical: Ellingson Electric	ND License # ND# M3856	

I hereby acknowledge that this application is not a Building Permit, nor does it authorize the start of construction.

Signature of applicant

Date

9-15-2020

Attention: Zoning/Planning and Permitting Departments

The State of North Dakota is in the process of implementing a Statewide Public Safety Radio Network for State, County, and Local first responders. On behalf of the State of North Dakota, Pyramid Network Services and/or Motorola Solutions may be contacting you in the near future with regard to zoning and permitting inquiries and requirements for the North Dakota Statewide Interoperability Radio Network (SIRN) <https://SIRN2020.nd.gov>

The SIRN 2020 statewide public safety radio network, is comprised of radio towers throughout the State of North Dakota. The tower sites consist of:

- North Dakota State-owned tower sites, requiring antennas and possible new shelters, tower upgrades or complete tower replacement.
- Third-party tower sites (collocations), requiring antennas and possible new shelters and tower upgrades.

Pyramid will be able to provide detailed site plans and any other required information concerning the proposed installation, per your department's requirements.

We are asking for your cooperation in streamlining and expediting your department's requirements, where possible, in order to help us begin construction of this critical infrastructure necessary to complete this project.

If you have any questions regarding permitting, please contact Ryan Derler. Any questions regarding the SIRN program/project, please contact Darin Anderson or Timothy Verasca. Thank you for your time.

Ryan Derler
Project Manager
Motorola Solutions, Inc. motorolasolutions.com
500 West Monroe Street
Chicago, IL 60661
M: +1 262.865.4979
E: rderler@motorolasolutions.com

Brian Glardon
Project Manager
Pyramid Network Services, LLC
6615 Towpath Road, Suite 200
East Syracuse, NY 13057
P: 1.513.384.6607
E: bglardon@pyramidns.com


Darin Anderson
PUBLIC SAFETY PROGRAM MANAGER
State of ND Information Technology
4201 Normandy Street, Bismarck, ND 58503-1324
701.328.1104 • darinanderson@nd.gov • it.nd.gov


Timothy Verasca
PROJECT MANAGER
State of ND Information Technology – Project Management Office
4201 Normandy Street, Bismarck, ND 58503-1324
701.328.7398 • tverasca@nd.gov • it.nd.gov

THE NORTH DAKOTA STATEWIDE INTEROPERABILITY RADIO NETWORK (SIRN) PROVIDES A STATEWIDE PUBLIC SAFETY, INTEROPERABLE RADIO SYSTEM WHICH ALLOWS ALL PARTICIPATING AGENCIES THE ABILITY TO COMMUNICATE SEAMLESSLY INTERNALLY, AS WELL AS INTERAGENCY, WITHOUT DEVELOPING THEIR OWN SYSTEMS. PROVIDING AN 800 MHZ RADIO COVERAGE ACROSS THE STATE OF NORTH DAKOTA, WHICH ALLOWS FIRST RESPONDERS TO COMMUNICATE EFFECTIVELY ACROSS THEIR TYPICAL JURISDICTIONAL BOUNDARIES DURING EMERGENCIES.

THE STATEWIDE INTEROPERABILITY EXECUTIVE COMMITTEE (SIEC) WILL OVERSEE INTEROPERABLE COMMUNICATIONS THROUGHOUT THE STATE OF NORTH DAKOTA. AS CHARGED BY THE SIXTY-FIFTH LEGISLATURE, IT WILL MONITOR AND, THROUGH RECOMMENDATIONS, GUIDE THE IMPLEMENTATION OF THE STATEWIDE INTEROPERABLE RADIO NETWORK. THE COMMITTEE SHALL PREPARE RECOMMENDATIONS REGARDING A STATEWIDE INTEGRATED RADIO SYSTEM WITH DUE CONSIDERATION FOR ALL STAKEHOLDERS RELIANT UPON A RADIO COMMUNICATION SYSTEM. IT WILL ALSO MONITOR AND FACILITATE THE USE OF APPROPRIATE STATE WIRELESS SPECTRUM USED FOR PUBLIC SAFETY TO ENSURE INTEROPERABLE COMMUNICATIONS.

PROJECT DESCRIPTION
 INSTALLATION OF ANTENNAS, COAXIAL CABLE AND ASSOCIATED MOUNTS ON AN EXISTING 30' DIA. CONCRETE TOWER. EQUIPMENT SHELTER ON CONCRETE FOUNDATION. NEW ELECTRICAL SERVICE TO SITE AND EQUIPMENT SHELTER. NO WATER SUPPLY OR SEWAGE TO/FROM THE SITE.

SITE NAME:
 7 SEAS SIMULCAST

SITE ADDRESS:
 3801 OLD RED TRAIL
 MANDAN, ND 58554

SITE COORDINATES AND ELEVATION
 LATITUDE = N 46° 51' 26" (ASR)
 LONGITUDE = W 102° 51' 51" (ASR)
 GRID ELEV = 2,237' ANSL (ASR)

SITE INFORMATION

LANDLORD:
 CITY OF MANDAN

APPLICANT:
 K&K

CONTACT:
 MOTOROLA SOLUTIONS
 PH: (989) 710-1062

PROJECT MANAGER:
 PYRAMID NETWORK SERVICES, LLC
 BRIAN CLARSON 5607
 1013 S. 13TH AVE. SUITE 100
 E. MANDAN, ND 58554

ARCHITECTURAL AND ENGINEERING:
 MISSION 1 COMMUNICATIONS
 MARK ALLENSTADT, P.E.
 601 W. 1ST AVE. SUITE 200
 FORT WYOMING, ND 58504
 PH: (260) 435-3922
 EMAIL: MANDAN@MISSION1.COM

CONSULTANT TEAM:

REGION/COUNTY REPRESENTATIVE:	RECEIVED
MOTOROLA:	RECEIVED
PROPERTY OWNER:	RECEIVED
RECEIVED AND ACCEPTED:	ACCEPTED



DIRECTIONS TO SITE

NO.	DATE	REVISIONS	BY	CHK	APP
1	07-28-20	PRELIMINARY CO'S	WJM	WJM	
2	07-28-20	PRELIMINARY CO'S	CAJ	WJM	
3	07-27-20	LEASE EMBLEM	CAJ	WJM	

7 SEAS SIMULCAST

3801 OLD RED TRAIL MANDAN, ND 58554 MORTON COUNTY



DRAWING INDEX

- T-1 PROJECT INFORMATION, LOCATION MAPS, AND DRAWING INDEX
- GN-1 GENERAL NOTES
- GN-2 GENERAL NOTES AND LEGEND
- C-1 SITE LOCATION PLAN
- C-2 OVERALL SITE PLAN
- C-3 ENLARGED SITE PLAN
- C-4 TOWER ELEVATION AND ANTENNA INFORMATION
- C-5 ANTENNA INFORMATION
- C-6 ICE BRIDGE DETAILS
- C-7 FENCE DETAILS
- C-8 EQUIPMENT SHELTER PLAN
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- E-3 PANEL SCHEDULES / ONE LINE DIAGRAM
- E-4 GROUNDING PLAN
- E-5 GROUNDING SCHEMATIC AND NOTES
- E-6 GROUNDING DETAILS
- E-7 GROUNDING DETAILS
- E-8 PROPANE DETAILS

MISSION 1 COMMUNICATIONS

800 Constitution Drive, Suite C
 Mandan, ND 58554

Pyramid Network Services, LLC

MOTOROLA SOLUTIONS



PROJECT INFORMATION, LOCATION MAPS, AND DRAWING INDEX

7 SEAS SIMULCAST
 3801 OLD RED TRAIL
 MANDAN, ND 58554

T-1

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CONSTRUCTION**

THIS DRAWING IS THE PROPERTY OF MISSION 1 COMMUNICATIONS. IT IS TO BE USED ONLY FOR THE PROJECT AND SITE SPECIFICALLY IDENTIFIED HEREON. NO PART OF THIS DRAWING IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF MISSION 1 COMMUNICATIONS. THE USER OF THIS DRAWING SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. MISSION 1 COMMUNICATIONS SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE TO PERSONS OR PROPERTY CAUSED BY THE USE OF THIS DRAWING.

PROJECT DESCRIPTION

INSTALLATION OF AIRBNB'S COAXIAL CABLE AND ASSOCIATED MOUNTS ON EXISTING 250' DIAMETER TOWER. FOUNDATION ON CONCRETE FOUNDATION. NEW ELECTRIC SERVICE TO SITE AND EQUIPMENT SHELTER. NO WATER SUPPLY OR SEWAGE TO/FROM THE SITE.

SITE NAME:

7 SEAS SIMULCAST

SITE ADDRESS:

3801 OLD RED TRAIL
MANDAN, ND 58554

SITE COORDINATES AND ELEVATION:

NAD 83
LATITUDE - N 46.57281 (N46S)
LONGITUDE - W 100.55107 (W100S)
GRID ELEV - ± 2337' AMSL (N46S)

SITE INFORMATION

LANDLORD:

CITY OF MANDAN

APPLICANT:

XXXX

CONTACT:

MOTOROLA SOLUTIONS
PH (989) 710-7082

PROJECT MANAGER:

PIRABO NETWORK SERVICES, LLC
PIRABO NETWORK SERVICES, LLC
1000 14TH ST SW
BIRMINGHAM, AL 35203
PH (205) 975-5507
EMAIL: PIRABO@PIRABONET.COM

ARCHITECTURAL AND ENGINEERING:

MISSION 1 COMMUNICATIONS
1000 14TH ST SW
BIRMINGHAM, AL 35203
PH (205) 436-3522
EMAIL: MISSION1@MISSION1.COM

PROPERTY OWNER:

RECEIVED...
ACCEPTED...

RECEIVED AND ACCEPTED

CONSULTANT TEAM

MORTON COUNTY:

RECEIVED...
ACCEPTED...

MOTOROLA:

RECEIVED...
ACCEPTED...

PROPERTY OWNER:

RECEIVED...
ACCEPTED...

RECEIVED AND ACCEPTED

DIRECTIONS TO SITE



7 SEAS SIMULCAST

3801 OLD RED TRAIL
MANDAN, ND 58554
MORTON COUNTY



DRAWING INDEX

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MISSION 1 COMMUNICATIONS
6377 Constitution Drive, Suite C
Birmingham, AL 35203

Pyramid Network Services, LLC

MOTOROLA SOLUTIONS



PROJECT INFORMATION, LOCATION MAPS, AND DRAWING INDEX

7 SEAS SIMULCAST
3801 OLD RED TRAIL
MANDAN, ND 58554

T-1

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GENERAL REQUIREMENTS

1 GENERAL

1.1 SUMMARY OF WORK

A. THE WORK MAY CONSIST OF, BUT NOT BE LIMITED TO, THE INSTALLATION OF EQUIPMENT CABINETS, ANTENNAS AND LINES... B. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS...

1.2 SITE VISIT

CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE ITSELF WITH THE SCOPE OF WORK REQUIRED PER THE DRAWINGS AND ALL LOCAL CONDITIONS AND LAWS AND REGULATIONS THAT MAY IN ANY MANNER AFFECT THE PRICE, PROGRESS AND...

1.3 STANDARDS AND CODES

THE FOLLOWING DOCUMENTS (LATEST REVISION) SHALL BE CONSIDERED TO BE SPECIFICATION AND ARE INCORPORATED HEREBY BY REFERENCE IN THE EVENT OF CONFLICT BETWEEN THE REQUIREMENTS OF THIS SPECIFICATION AND THE REQUIREMENTS OF THE REFERENCED DOCUMENTS...

A. AMERICAN CONCRETE INSTITUTE:

- ACI 301 - "SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS"
ACI 305 "HOT WEATHER CONCRETING"
ACI 306 "COLD WEATHER CONCRETING"
ACI 308 BRIDGING CODE REQUIREMENTS FOR REINFORCED CONCRETE"
ACI 310 "RECOMMENDED PRACTICE FOR PLACING CONCRETE"
ACI 311 "RECOMMENDED PRACTICE FOR CONCRETE INSPECTION"
ACI 315 "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES"
ACI 613 "RECOMMENDED PRACTICE FOR SELECTING PROPORTIONS FOR CONCRETE"

B. AMERICAN NATIONAL STANDARDS INSTITUTE

- ANSI Z39.1 OCCUPATIONAL AND EDUCATIONAL FALL ARREST SYSTEMS, SUBSYSTEMS AND COMPONENTS
ANSI Z89.1 PROTECTIVE HEADWEAR FOR INDUSTRIAL WORKERS - REQUIREMENTS
ANSI/ASSE C93 SAFETY LEVELS WITH RESPECT TO HUMAN EXPOSURE TO RADIO FREQUENCY ENERGY
ANSI/MIL/IEA STANDARD Z22 STRUCTURAL STANDARDS FOR STEEL ANTENNA TOWERS AND ANTENNA SUPPORTING STRUCTURES

C. AMERICAN INSTITUTE OF STEEL CONSTRUCTION

- AISC MANUAL OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, LATEST EDITION
AMERICAN SOCIETY FOR TESTING AND MATERIALS
ASTM A615 - "SPECIFICATION FOR DEFORMED AND PLAIN BILLET STEEL BARS FOR CONCRETE REINFORCEMENT"
ASTM C84-90 - "SPECIFICATION FOR READY-MIX CONCRETE"
ASTM C39-77 - "SPECIFICATION FOR TEST FOR COMPRESSIVE STRENGTH OF CYLINDRICAL CONCRETE SPECIMEN"
ASTM C150 - "SPECIFICATION FOR CONCRETE AGGREGATES"
ASTM C172 - "SAMPLING FRESH CONCRETE"
ASTM C143 - "STANDARD TEST METHOD FOR COMPRESSIVE STRENGTH OF PORTLAND CEMENT CONCRETE"
ASTM C109 - "STANDARD TEST METHOD FOR COMPRESSIVE STRENGTH OF PORTLAND CEMENT"
ASTM D1556-84 - "TEST METHOD FOR DETERMINING THE TENSILE STRENGTH OF SOIL IN PLACE BY THE SAND-CONE METHOD"
ASTM D1557 - "TEST FOR MOISTURE UNIT WEIGHT RELATIONS OF SOILS AND SOIL-AGGREGATE MIXTURES USING 10-LB HAMMER AND 18-IN DROP" (PROCEDURE C)
ASTM D2487 - "STANDARD CLASSIFICATION OF SOILS FOR ENGINEERING PURPOSES (UNIFIED SOIL CLASSIFICATION SYSTEM)"

E. AMERICAN WELDING SOCIETY

- AWS D12.1 - "RECOMMENDED PRACTICES FOR WELDING REINFORCING STEEL, METAL INSERTS AND CONNECTIONS IN REINFORCED CONSTRUCTION"
CONCRETE REINFORCING STEEL INSTITUTE
MANUAL OF STANDARD PRACTICE

G. FEDERAL AVIATION ADMINISTRATION

- DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION ADVISORY CIRCULAR AC 70/7460-1L, OBSTRUCTION MARKING AND LIGHTING SPECIFICATION - PART 1, OBSTRUCTION MARKING AND LIGHTING
DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION ADVISORY CIRCULAR AC 70/5345-43, FAA/D00 SPECIFICATION - PART 1, OBSTRUCTION MARKING AND LIGHTING

H. FEDERAL COMMUNICATIONS COMMISSION

- FEDERAL COMMUNICATIONS COMMISSION - RULES AND REGULATIONS PART 17, CONSTRUCTION, MARKING, AND LIGHTING OF ANTENNA STRUCTURES

I. STRUCTURAL STEEL, PAINTING, CONCRETE

J. MOTOROLA R56 STANDARDS AND GUIDELINES FOR COMMUNICATIONS SITES (LATEST REVISION)

K. MOTOROLA'S CIVIL WORKS BID SPECIFICATIONS

- NATIONAL FIRE PROTECTION ASSOCIATION
NFPA 1 - FIRE PREVENTION CODE
NFPA 54 - NATURAL GAS PIPING CODE
NFPA 70 - NATIONAL ELECTRICAL CODE
NFPA 101 - LIFE SAFETY CODE
NFPA 111 - EMERGENCY/STANDBY POWER SYSTEMS
NFPA 112 - STANDARD ON STORED ELECTRICAL ENERGY, EMERGENCY AND STANDBY POWER SYSTEMS
NFPA 780 - STANDARD FOR THE INSTALLATION OF LIGHTNING PROTECTION SYSTEMS
OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION:
OSHA 1926
OSHA 1910
NORTH DAKOTA STATE BUILDING AND ELECTRICAL CODE, OR ANY CODES

1.4 NOTICE TO PROCEED

WHEN THE SITE IS READY FOR INSTALLATION, MOTOROLA SHALL ISSUE A NOTICE TO PROCEED TO THE CONTRACTOR. UPON RECEIPT OF THE NOTICE TO PROCEED, THE CONTRACTOR SHALL SUBMIT TO MOTOROLA A SCHEDULE REFLECTING THE WORK PLAN. THE CONTRACTOR SHALL ADVISE THE MOTOROLA REPRESENTATIVE IMMEDIATELY OF ANY SCHEDULE CHANGES TO THE CONTRACTOR'S SCHEDULES FOR THIS WORK, AS REQUIRED, TO COORDINATE WITH THE MOTOROLA INSTALLATION TEAM IN THE SCHEDULES OVERLAP.

1.5 MOTOROLA REPRESENTATIVE

MOTOROLA SHALL DESIGNATE A REPRESENTATIVE. THIS PERSON IS THE ONLY CONTACT POINT AUTHORIZED TO MAKE ANY CHANGES TO THE CONTRACT PROVISIONS OR THE PLANS AND SPECIFICATIONS. ANY CHANGES MADE BY THE CONTRACTOR ARE AT THE CONTRACTOR'S RESPONSIBILITY AND RISK.

1.6 CONTRACTOR'S FIELD REPRESENTATIVE

CONTRACTOR SHALL ASSIGN A FIELD REPRESENTATIVE WHO IS FAMILIAR WITH THESE SPECIFICATIONS AND WILL REPRESENT THE CONTRACTOR AND HAVE THE AUTHORITY TO ACT FOR THE CONTRACTOR AND SUPERVISE ALL CONSTRUCTION ACTIVITIES. THE REPRESENTATIVE SHALL BE AVAILABLE WHEN CONSTRUCTION ACTIVITIES BEGIN. THE FIELD REPRESENTATIVE SHALL BE THE PRIMARY POINT OF CONTACT FOR MOTOROLA DURING THE CONSTRUCTION PHASE OF THE WORK.

1.7 PROJECT MEETINGS

THE CONTRACTOR SHALL CONDUCT THE INITIAL (PRE-CONSTRUCTION) MEETING (INCLUDING ALL SUB-CONTRACTORS) WITH MOTOROLA. THIS MEETING SHALL BE HELD ON A REGULAR BASIS. MOTOROLA WILL PROVIDE PROGRESS SCHEDULE UPDATES TO MOTOROLA ON A WEEKLY BASIS.

1.8 MATERIALS

CONTRACTOR SHALL PURCHASE AND INSTALL ALL MATERIALS AS REQUIRED FOR COMPLETE SYSTEMS INCLUDING, ALL PARTS, COMPONENTS, OR REASONABLY INCIDENTAL TO A COMPLETE INSTALLATION, WHETHER SPECIFICALLY INDICATED OR NOT. ALL SYSTEMS SHALL BE COMPLETELY ASSEMBLED, TESTED, ADJUSTED, AND DEMONSTRATED TO BE READY FOR OPERATION PRIOR TO MOTOROLA'S ACCEPTANCE.

1.9 VERIFICATION OF EXISTING CONDITIONS

BEFORE STARTING ANY OPERATION, THE CONTRACTOR SHALL EXAMINE EXISTING WORK OR WORK BEING PERFORMED BY OTHERS, TO WHICH ITS WORK IS TO ADJOIN OR BE APPLIED AND SHALL REPORT TO MOTOROLA PROJECT MANAGER ANY CONDITIONS THAT WILL PREVENT SATISFACTORY ACCOMPLISHMENT OF HIS WORK. PRIOR TO COMMENCING ANY EXCAVATION OR GRADING, THE CONTRACTOR SHALL SATISFY HIMSELF AS TO THE ACCURACY OF ALL SURVEY DATA AS INDICATED IN THE PLANS AND SPECIFICATIONS AND/OR AS PROVIDED BY MOTOROLA SHOULD THE CONTRACTOR DISCOVER ANY DISCREPANCIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM MOTOROLA REPRESENTATIVE IN ORDER THAT PROPER ADJUSTMENTS CAN BE ANTICIPATED AND ORDERED. FAILURE TO NOTIFY THE MOTOROLA REPRESENTATIVE OF DEFICIENCIES, ERRORS OR FAILURES PRIOR TO COMMENCEMENT OF WORK SHALL CONSTITUTE ACCEPTANCE THEREOF AND WAIVER OF ANY CLAIMS OF UNSATISFACTORY, ERRORS, OMISSIONS OR INACCURACIES.

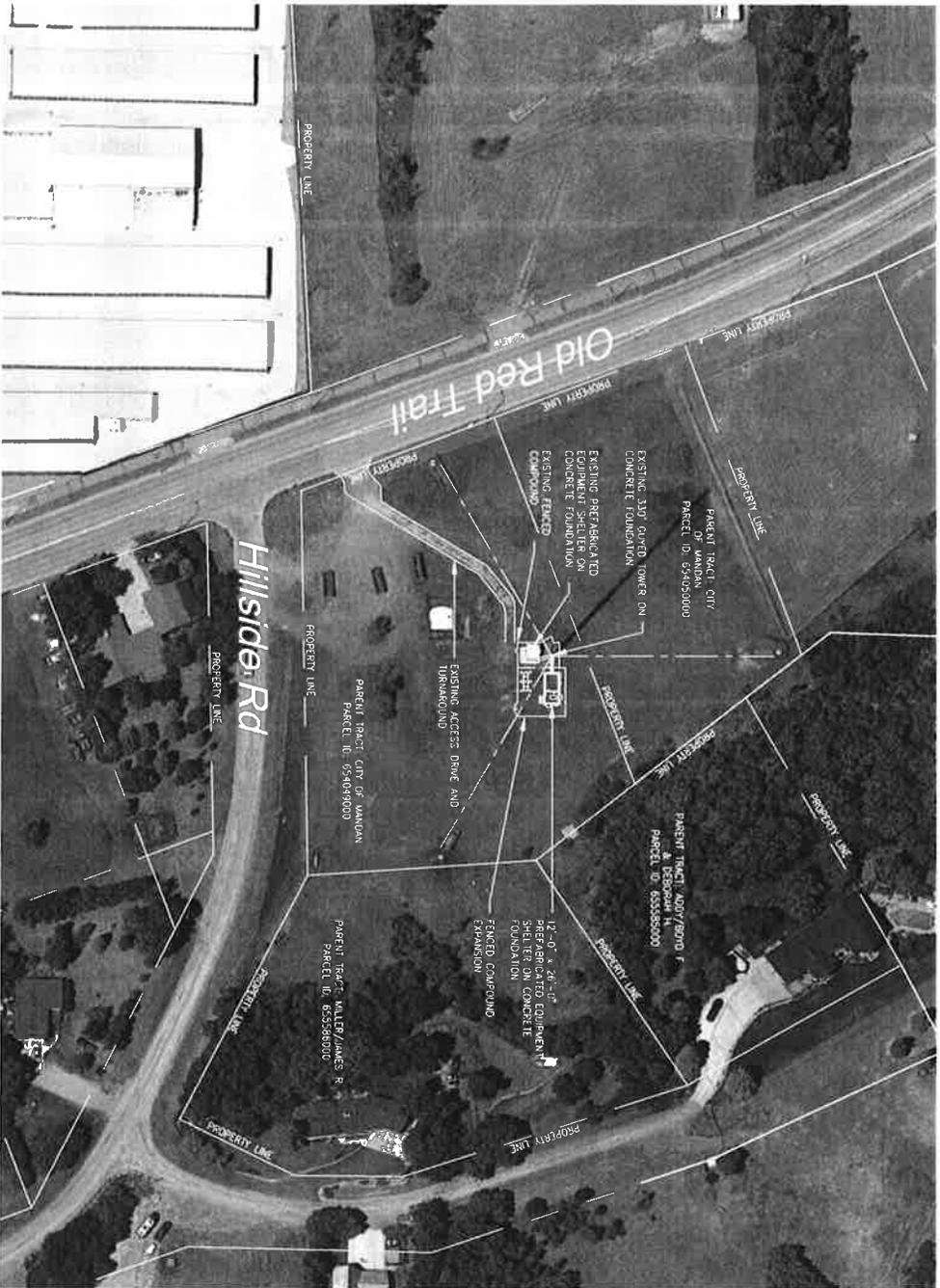
GENERAL NOTES

THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, EASEMENTS, ETC. DURING CONSTRUCTION. UPON COMPLETION OF WORK, THE CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY HAVE OCCURRED DUE TO CONSTRUCTION OR ABOUT THE PROPERTY. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES.

Table with 4 columns: NO., DATE, REVISIONS, and a large block for GENERAL NOTES containing logos for MISSION 1, PYRAMID NETWORK Services, LLC, and MOTOROLA SOLUTIONS.

GN-1

PRELIMINARY NOT FOR CONSTRUCTION



Site Location Plan



NO. DATE	BY	CHKD	APP'D
C-09-15-20	WJW	MAJ	
B-07-26-20	CJO	MAJ	
A-01-27-20	LEAS	EMBI	



SITE LOCATION PLAN
 7 SEAS SIMULCAST
 3801 OLD RED TRAIL
 MANDAN, ND 58554

C-1

1:4.5 SCALE OF PLAN FOR ALL PERMITS
 9:1 SCALE FOR PERMITS FOR CONSTRUCTION
 1:4.5 SCALE FOR PERMITS FOR RECORD DRAWING
 1:4.5 SCALE FOR PERMITS FOR RECORD DRAWING
 1:4.5 SCALE FOR PERMITS FOR RECORD DRAWING
 1:4.5 SCALE FOR PERMITS FOR RECORD DRAWING



**PRELIMINARY
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ANY DISCREPANCIES BETWEEN THIS DRAWING PACKAGE AND EXISTING FIELD CONDITIONS MUST BE REPORTED TO THE ENGINEER OF RECORD PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

- GENERAL NOTES:**
1. PROPERTY OFFSETS ARE APPROXIMATE. FINAL LOCATION OF COMPOUND TO BE DEVELOPED FROM TOWER &
 2. THE LOCATION, SIZE & TYPE OF MATERIAL OR EXISTING UTILITIES INDICATED ON THE PLANS IS NOT REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF HIS OPERATIONAL PLANS & COMPANIES DETAILING INFORMATION RELATIVE TO THE LOCATION OF THEIR FACILITIES & THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED IN THE FIELD PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION THE ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. SOFT MANS & FINCE & PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACT.
 3. ALL PROPOSED CONSTRUCTION ACTIVITIES & MODIFICATIONS SHALL COMPLY WITH ND BORLA R-56 STANDARDS, MOST CURRENT REVISION.

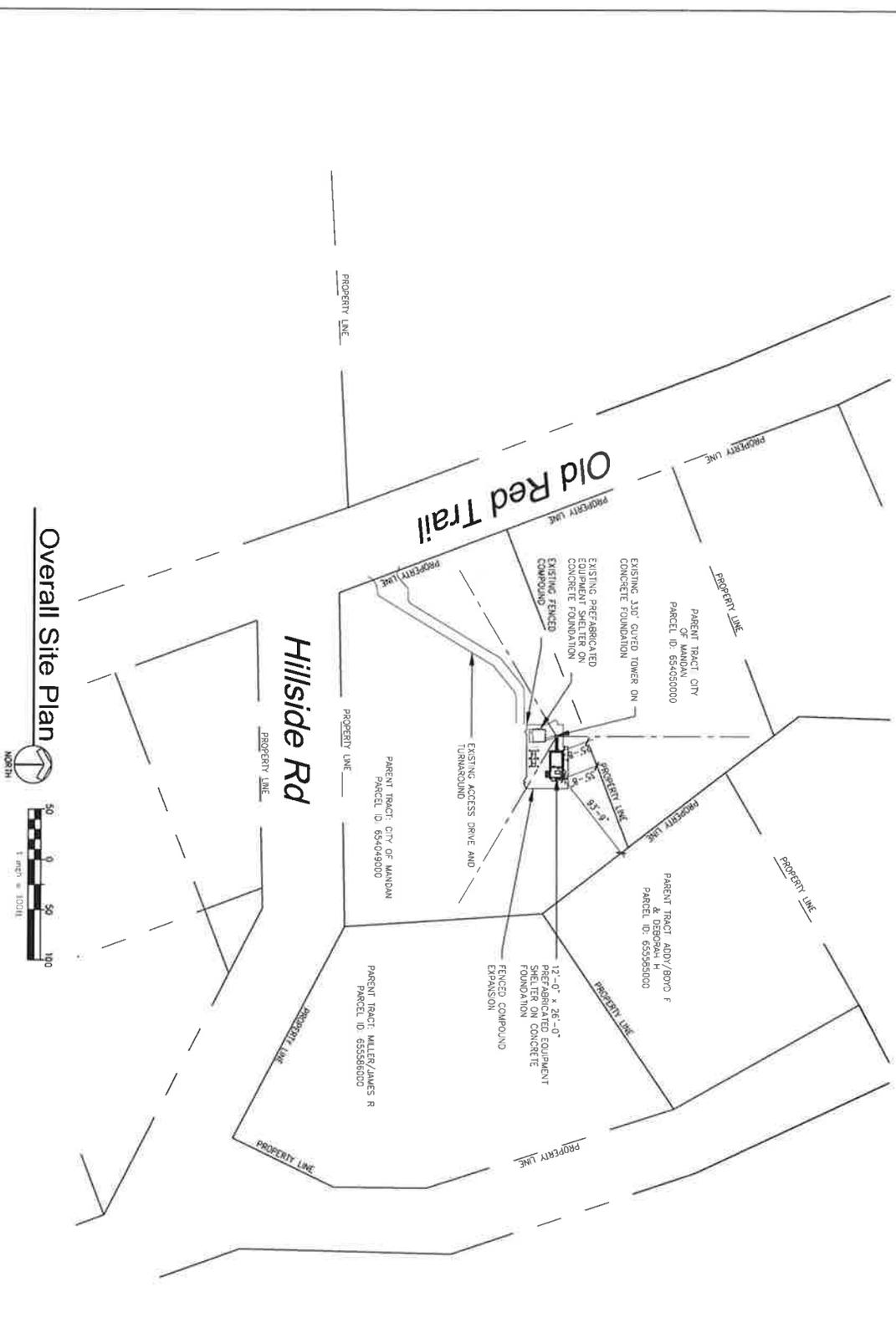
NO.	DATE	REVISIONS	BY	CHK	APP'D
C-09-15-20	PRELIMINARY CDS		WJM/WJA		
B-07-20-20	PRELIMINARY CDS		CAJ/WJA		
A-01-27-20	LEASE EXHIBIT		CAJ/WJA		



OVERALL SITE PLAN
7 SEAS SIMULCAST
3801 OLD RED TRAIL
MANDARIN, ND 58554

C-2

THIS DRAWING IS CONSIDERED VOID UNLESS THE USER HAS READ THE ENTIRE DRAWING AND UNDERSTANDS THE INTENT OF THE DRAWING. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES. THE USER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.



Overall Site Plan



811
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- GENERAL NOTES:**
- PROPERTY OFFSETS ARE APPROXIMATE. FINAL LOCATION OF COMPOUND TO BE DEVELOPED FROM TOWER &
 - THE LOCATION, SIZE & TYPE OF MATERIAL OR EXISTING UTILITIES INDICATED ON THESE PLANS SHALL BE REPRESENTED AS BEING ACCURATE, SUFFICIENT OR COMPLETE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF ALL SUCH FACILITIES, INCLUDING THE SERVICE CONNECTIONS, AND TO NOTIFY THE UTILITY COMPANIES OF HIS OPERATIONAL PLANS & SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES ALL NECESSARY INFORMATION RELATIVE TO THE LOCATION OF THEIR FACILITIES & THE WORKING SCHEDULE OF THE COMPANIES FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED. THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE UTILITY COMPANY OF JURISDICTION THE ENGINEER SHALL ALSO BE IMMEDIATELY NOTIFIED. ANY SUCH MAINS & SERVICES SHALL BE RESTORED TO SERVICE AT ONCE & THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COST TO THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACTOR.
 - ALL PROPOSED CONSTRUCTION ACTIVITIES & STANDARDS SHALL COMPLY WITH MOTOROLA R-55 STANDARDS, MOST CURRENT EDITION.

ANY DISCREPANCIES BETWEEN THIS DRAWING AND THE ACTUAL FIELD CONDITIONS MUST BE REPORTED TO THE ENGINEER OF RECORD PRIOR TO THE COMMENCEMENT OF CONSTRUCTION.

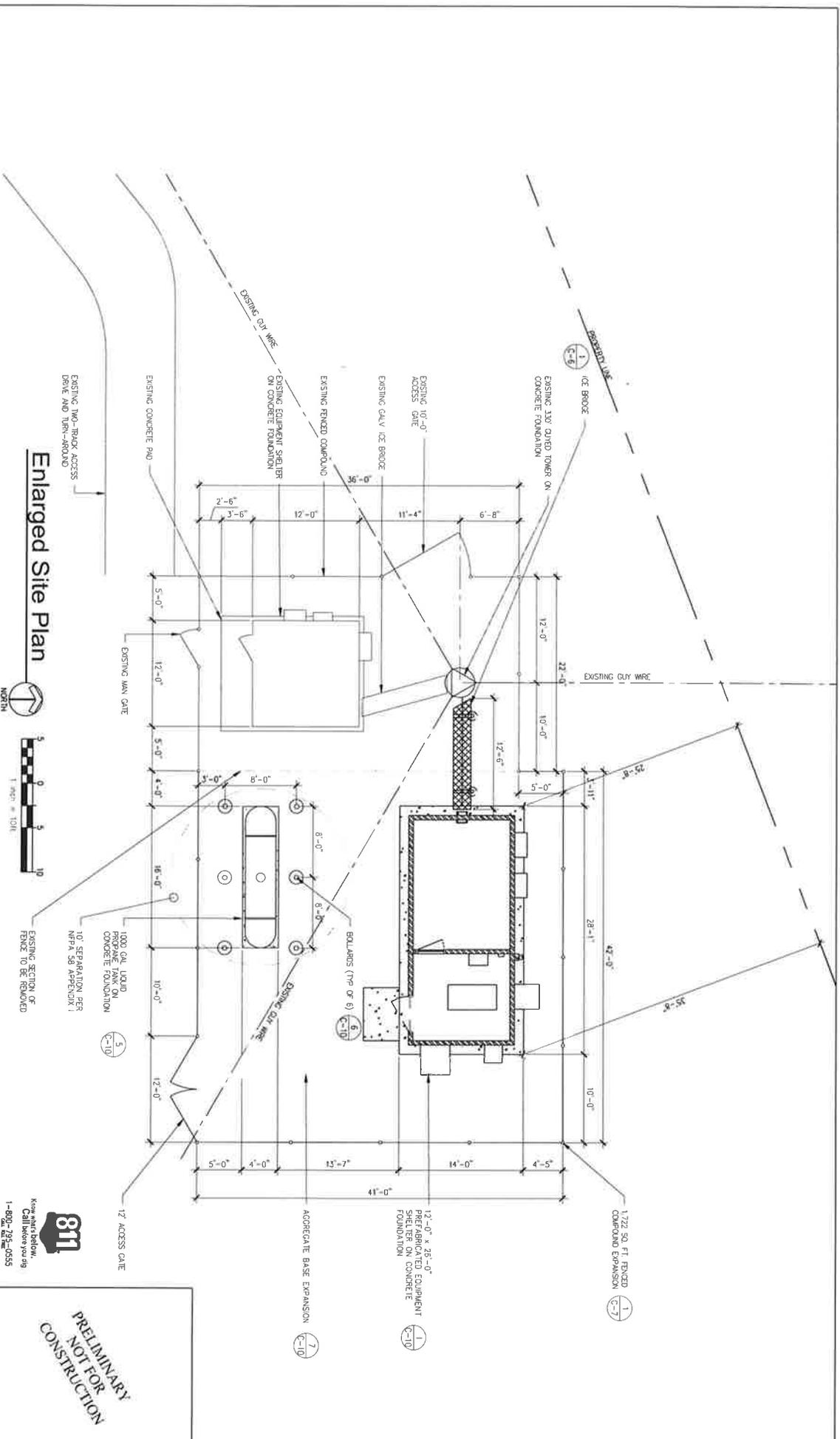
NO.	DATE	REVISIONS	BY	CHK
1	07-15-20	PRELIMINARY QDS	WUJ/WJA	
2	07-20-20	PRELIMINARY QDS	CAD/WJA	
3	07-27-20	FIELD EXHIBIT	CAD/WJA	



ENLARGED SITE PLAN
 7 SEAS SIMULCAST
 3801 OLD RED TRAIL
 MANDAN, INDIAN 46554

C-3

THE DRAWING & SPECIFICATION AND THE SOLE RESPONSIBILITY OF THE ENGINEER. THE CLIENT'S SOLE RESPONSIBILITY FOR THE ACCURACY AND THE AVAILABILITY OF THE INFORMATION CONTAINED HEREIN. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE FAILURE OF ANY EQUIPMENT OR SYSTEMS. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE FAILURE OF ANY EQUIPMENT OR SYSTEMS. THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE FAILURE OF ANY EQUIPMENT OR SYSTEMS.



Enlarged Site Plan



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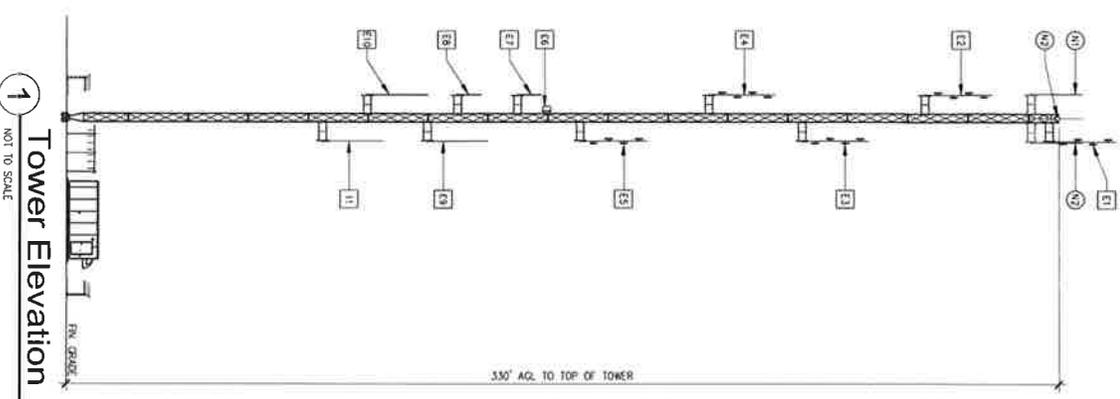
7 SEAS MULTICAST - 330' GUYED TOWER
 LAT: 46° 51' 28.1" (ASR)
 LON: -100° 55' 21.0" (ASR)

Antenna/Appurtenance Location Chart

E = EXISTING
 N = NEW
 F = FUTURE

ANTENNA INFORMATION										FEEDLINE INFORMATION				
ANTENNA ID	MANUFACTURER	MODEL	TYPE	LENGTH	BOTTOM ELEV	RAD CENTER	TOP ELEV.	AZIMUTH	QTY.	TYPE	MANUFACTURER	MODEL	SIZE	QTY.
E1	DECIBEL	DB224	OMNI	21.3'	327.0'	331.6'	348.3'	-	1	COAX	COMMSCOPE	AVA6-50	1-1/4"	1
N1	RFI	CC807-11-T1	RX	17.4'	321.0'	329.7'	338.4'	-	2	COAX	COMMSCOPE	AVA5-50	7/8"	2
N2	RFI	CC807-11-T1	TX	17.4'	321.0'	329.7'	338.4'	-	1	COAX	COMMSCOPE	AVA7-50	1.5-8"	1
N3	BIRD	432F-83W	TTA	-	310.0'	310.0'	-	-	1	COAX	COMMSCOPE	LD4-50	1/2"	1
E2	DECIBEL	DB224	OMNI	21.3'	286.0'	296.6'	307.3'	-	1	COAX	COMMSCOPE	AVA6-50	1-1/4"	1
E3	DECIBEL	DB224	OMNI	21.3'	245.0'	255.6'	266.3'	-	1	COAX	COMMSCOPE	AVA6-50	1-1/4"	1
E4	DECIBEL	DB224	OMNI	21.3'	214.0'	224.6'	235.3'	-	1	COAX	COMMSCOPE	AVA6-50	1-1/4"	1
E5	DECIBEL	DB224	OMNI	21.3'	171.0'	181.6'	192.3'	-	1	COAX	COMMSCOPE	AVA6-50	1-1/4"	1
E6	ANDREW	P9F-52	MW	3.0'	158.5'	160.0'	161.5'	-	2	COAX	COMMSCOPE	AVA5-50	7/8"	2
E7	COMMSCOPE	DB408	OMNI	9.4'	150.0'	154.7'	159.4'	-	1	COAX	COMMSCOPE	AVA5-50	7/8"	1
E8	MAKRAD	MF81503	OMNI	10.8'	130.0'	135.4'	140.8'	-	1	COAX	COMMSCOPE	AVA5-50	7/8"	1
E9	-	20' WHIP	OMNI	20.0'	120.0'	130.0'	140.0'	-	1	COAX	COMMSCOPE	AVA5-50	7/8"	1
E10	-	20' WHIP	OMNI	20.0'	100.0'	110.0'	120.0'	-	1	COAX	COMMSCOPE	AVA5-50	7/8"	1
E11	-	20' WHIP	OMNI	20.0'	85.0'	95.0'	105.0'	-	1	COAX	COMMSCOPE	AVA5-50	7/8"	1

REFER TO TOWER MANUFACTURER DRAWINGS FOR BEACON AND OBSTRUCTION LIGHTING HEIGHTS
 PER SITE MATRIX DATED 06-03-20



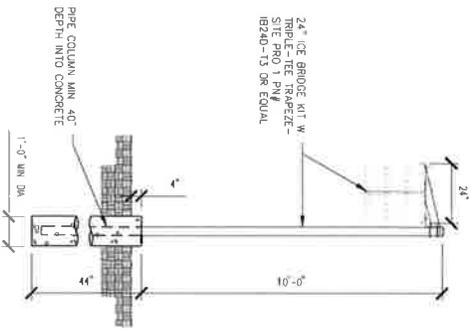
1 Tower Elevation
 NOT TO SCALE

- GENERAL NOTES:**
- MISSION 1 COMMUNICATIONS HAS NOT COMPLETED A STRUCTURAL ANALYSIS FOR THE EXISTING OR PROPOSED LOADING OF ANY STRUCTURES AT THIS TIME. FINAL STRUCTURAL ANALYSIS TO BE COMPLETED BY OTHERS PRIOR TO CONSTRUCTION. ADVISES COMPANY.
 - ALL VERTICAL TRANSMISSION LINE RUNS FROM THE ANTENNAS SHALL BE GROUNDED NEAR THE TOP & BOTTOM OF THE TOWER (BEFORE THE CABLE MAKES HORIZONTAL CONTACT) & NEAR EACH POINT ON THE SHELTER. ADDITIONAL TRANSMISSION LINE GROUNDING SHALL BE PROVIDED AS NEEDED TO LIMIT THE DISTANCE BETWEEN GROUND KITS TO 75 FEET.
 - THE CONTRACTOR SHALL PROVIDE A TOP SHEET TEST ON ALL THE NEWLY INSTALLED TRANSMISSION LINES TO DETERMINE ANTENNA CONDUCTOR RESISTANCE, CAPACITANCE, INSERTION LOSS, REFLECTION & STIMULUS RESPONSE. MEASUREMENTS RESULTS TO BE SUBMITTED TO MOTOROLA.
 - PIP LOOPS SHALL BE INCORPORATED IN CABLE RUNS TO PREVENT WATER FROM RICKLING DOWN THE LINES INTO THE SHELTER.
 - ALL TRANSMISSION LINES SHALL BE MARKED WITH APPROPRIATE COLOR TAPE BANDS TO IDENTIFY THE LINES. THE CONTRACTOR SHALL MARK ALL TRANSMISSION LINES ENTERING THE SHELTER AS WELL AS INSIDE THE SHELTER BEFORE CONNECTING TO THE SOURCE SUPPRESSORS. SEE EQUIPMENT & CABLE SCHEDULE FOR COLOR CODING SCHEME.

ASR# 1275241

PRELIMINARY
 NOT FOR
 CONSTRUCTION

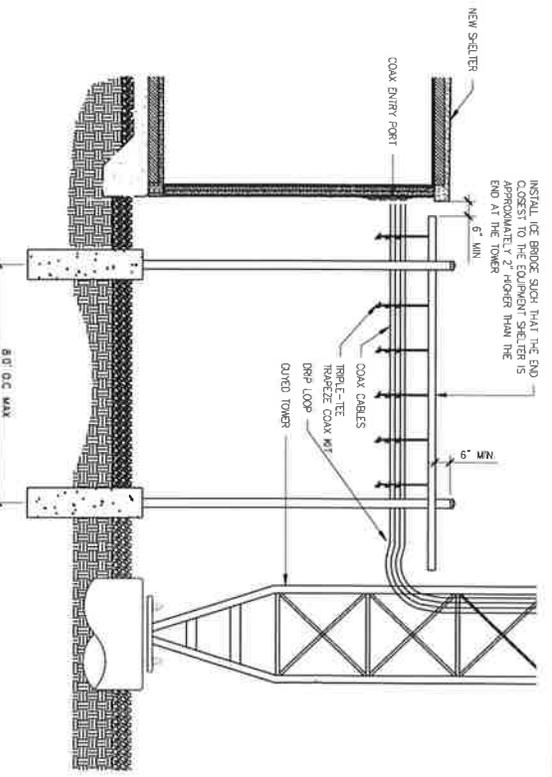
								TOWER ELEVATION AND ANTENNA INFORMATION 7 SEAS SINUI CAST 390T OLD RED TRL MAANDAN, ND 58554		C-4	
6000 Commercial Drive, Suite 100 Mission 1 Fargo, ND 58103		1000 13th Street SW Grand Forks, ND 58001		1000 13th Street SW Grand Forks, ND 58001		State of North Dakota License No. 1275241		7 SEAS MULTICAST - 330' GUYED TOWER ANTENNA LOCATION CHART		THE STATE OF NORTH DAKOTA HAS REVIEWED THIS DOCUMENT FOR CONFORMANCE WITH THE REQUIREMENTS OF THE NORTH DAKOTA PROFESSIONAL ENGINEERING ACT. THIS REVIEW IS LIMITED TO THE TECHNICAL ASPECTS OF THE DOCUMENT AND DOES NOT CONSTITUTE AN ENDORSEMENT OF THE PROJECT OR THE QUALITY OF THE WORK. THE ENGINEER ASSUMES FULL RESPONSIBILITY FOR THE DESIGN AND CONSTRUCTION OF THE PROJECT. THE STATE OF NORTH DAKOTA DOES NOT GUARANTEE THE ACCURACY OF THE INFORMATION CONTAINED HEREIN. THE ENGINEER'S LIABILITY IS LIMITED TO THE PROFESSIONAL SERVICES PROVIDED. THE ENGINEER'S LIABILITY IS LIMITED TO THE PROFESSIONAL SERVICES PROVIDED. THE ENGINEER'S LIABILITY IS LIMITED TO THE PROFESSIONAL SERVICES PROVIDED.	



1 Ice Bridge Section
SCALE: 1/4" = 1'-0"

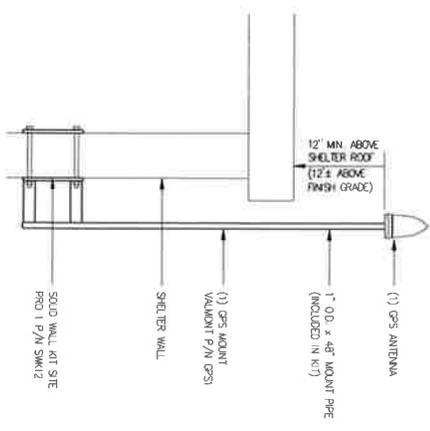
ICE BRIDGE NOTES:

1. MAXIMUM ALLOWABLE DISTANCE BETWEEN SUPPORTS ON A CONTINUOUS SINGLE SECTION OF BRIDGE CHANNEL SHALL BE 8 FEET FOR 10 FEET BRIDGE CHANNEL.
2. WHEN SPACING BRIDGE CHANNEL SECTIONS, THE SPACE SHOULD BE PROVIDED AT THE SUPPORT, IF POSSIBLE, OR AT A MAXIMUM OF 2' FROM THE SUPPORT.
3. SUPPORT SHOULD BE PROVIDED AS CLOSE AS POSSIBLE TO THE ENDS OF ICE BRIDGE AND TO THE CENTER OF BRIDGE OVER DISTANCE OF 2' FROM THE SUPPORT TO THE FREE END OF THE ICE BRIDGE.
4. CUT BRIDGE CHANNEL SECTIONS SHALL HAVE RAW EDGES TREATED WITH AN EQUIVALENT FINISH.
5. ICE BRIDGES MAY BE CONSTRUCTED WITH COMPONENTS FROM OTHER MANUFACTURERS PROVIDED THAT INSTALLATION GUIDELINES ARE FOLLOWED AND THEIR PRODUCTS ARE EQUAL OR BETTER.
6. DEVIATIONS FROM STANDARDS FOR COMPONENT INSTALLATIONS ARE PERMITTED WITH THE RESPECTIVE MANUFACTURER'S APPROVAL.
7. DEVIATIONS FROM ICE BRIDGE FOUNDATIONS REQUIRE ENGINEERING APPROVAL. THE DESIGN IS BASED ON ASCE 7-98, SECOND OUST WIND SPEED OF 110 MPH, EXPOSURE C, ELEVATION AT GRADE. THIS DESIGN IS BASED ON A 24" WIDE ICE BRIDGE & (1) 1-1/2" Ø CARBLS & WALL POST SUPPORT SPACING OF 10'-0" @ 0°C.



2 Ice Bridge Side Elevation
SCALE: 1/4" = 1'-0"

INSTALL ICE BRIDGE SUCH THAT THE END CLOSEST TO THE EQUIPMENT SHELTER IS APPROXIMATELY 2' HIGHER THAN THE END AT THE TOWER.



3 GPS Antenna Mounting Detail
SCALE: 3/4" = 1'-0"

NOTE:
MANUFACTURER TO SUPPLY AND INSTALL GPS, GPS MOUNT, CABLE, CONNECTORS, ETC.

**PRELIMINARY
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CONSTRUCTION**

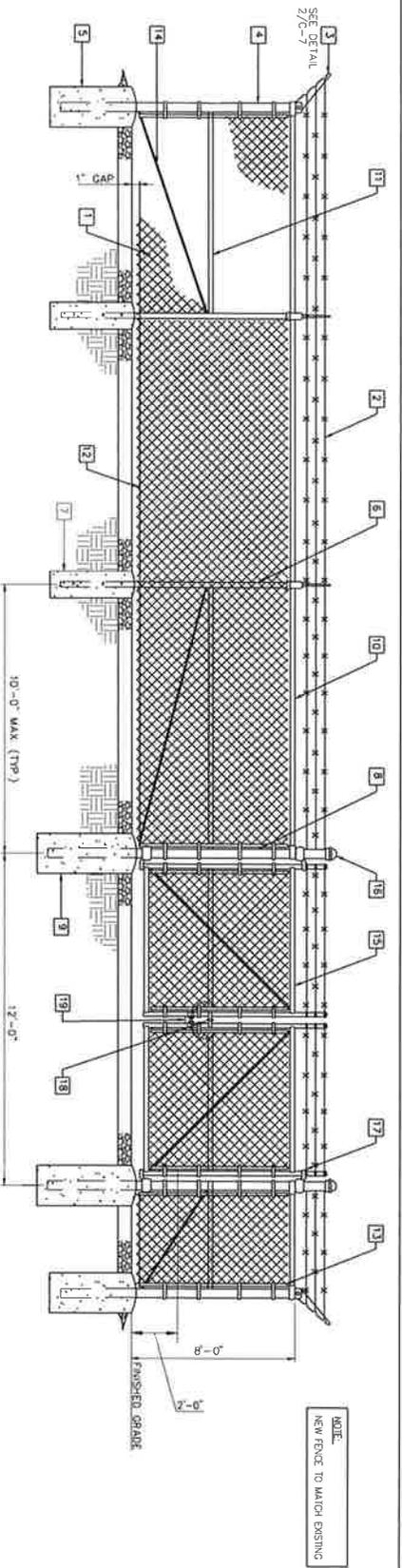
NO.	DATE	REVISIONS	BY	CHKD	APP'D
C-6	15-20	PRELIMINARY CDS			
B-07	05-20	PRELIMINARY CDS			
A-01	22-20	LEAVE EXHIBIT			



ICE BRIDGE DETAILS
7 SEAS SIMULI CAST
RED TRAIL
MANDAN, IN 46554

C-6

THE DRAWING IS CONSIDERED VOID IF THE FIELD PROPERTIES OF THE BRIDGE OR THE MATERIALS USED IN THE BRIDGE ARE NOT AS STATED IN THE SPECIFICATIONS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE MATERIALS AND METHODS OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY INSURANCE COVERAGE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY UTILITIES INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY SURVEYING INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY EROSION CONTROL MEASURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY WEED CONTROL MEASURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PEST CONTROL MEASURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY FIRE PROTECTION MEASURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY SAFETY MEASURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY ACCESS MEASURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY EGRESS MEASURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY UTILITIES INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY SURVEYING INFORMATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY EROSION CONTROL MEASURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY WEED CONTROL MEASURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PEST CONTROL MEASURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY FIRE PROTECTION MEASURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY SAFETY MEASURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY ACCESS MEASURES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY EGRESS MEASURES.



Keynote Legend

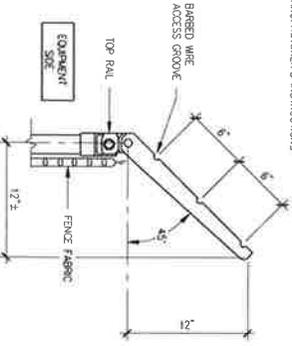
- 1 FABRIC 9 GAUGE 2" MESH ASTM A392 (SEE FENCE SECTION FOR HEIGHT)
- 2 BARBED WIRE 12 GAUGE WIRE 4 POINT (3 ROUNDS) FINISH TO MATCH FABRIC, ASTM A121
- 3 EXTENSION BARS STAMPED STEEL WITH WELDABLE IRON BASE. FINISH TO MATCH FENCE FRAMEWORK, ASTM F828
- 4 END AND CORNER POSTS 3" x PIPE SCH 40 (GALV.) ASTM F1083
- 5 CONCRETE FOUNDATION 36"x12"x (3000 PSI)
- 6 LINE POSTS 2" x PIPE SCH 40 (GALV.) ASTM F1083
- 7 CONCRETE FOUNDATION 36"x10"x (3000 PSI)
- 8 GATE POSTS 4" x PIPE SCH 40 (GALV.) ASTM F1083
- 9 CONCRETE FOUNDATION 48"x12"x (3000 PSI)
- 10 TOP RAIL & BRACE RAIL 1-1/2" x PIPE SCH 40 (GALV.) ASTM F1083
- 11 MIDDLE RAILS 1-1/2" x PIPE SCH 40 (GALV.) ASTM F1083
- 12 BOTTOM RAIL 1-1/2" x PIPE SCH 40 (GALV.) ASTM F1083
- 13 BOTTOM EDGE WIRE 0.177" METALIC-COATED STEEL (GALV.), 18 GAUGE
- 14 TENSION ROD 3/8" x WITH ADJ TIGHTNER, FINISH TO MATCH FENCE FRAMEWORK
- 15 GATE FRAME 2" x SCH 40 (GALV.) ASTM F1083
- 16 POST CAPS PER POST DIAMETER
- 17 GATE HINGES NON-LIFT-OFF TYPE, OFFSET TO PERMIT 180 DEGREE SWING
- 18 DOUBLE GATE LATCH, COMMERCIAL STROCK ARM EQUAL TO D&L HINGLES, 8" x 2" ELECTRIC STEEL GRADE HINGES, M. 49504
- 19 MAINE-COAST FENCEWELD, 100% ROLL UP PALCOZ ZINC COATED W/ OR APPROVED EQUAL.

1 Typical Fence Elevation

SCALE 1/4" = 1'-0"

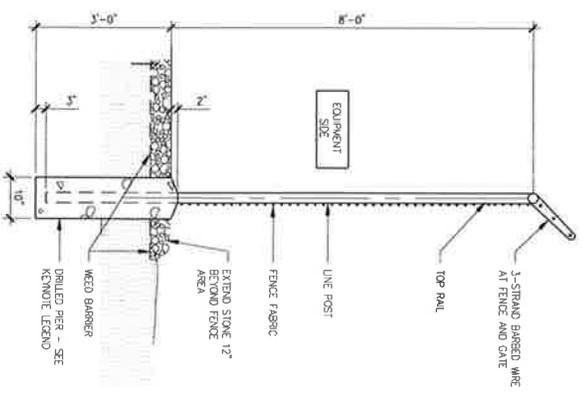
NOTES

- 1 REFER TO PROJECT SPECIFICATIONS FOR INFORMATION NOT SHOWN IN THE DRAWING
- 2 FENCE FABRIC SHALL CONFORM TO CHAIN LINK FENCE MANUFACTURERS INSTITUTE (CLFMI) PRODUCT MANUAL
- 3 INSTALL FENCE IN COMPLIANCE WITH ASTM F 567
- 4 INSTALL SWING GATES IN COMPLIANCE WITH ASTM F 900
- 5 DO NOT BEGIN INSTALLATION AND ERECTION BEFORE FINAL GRADING IS COMPLETED, UNLESS OTHERWISE PERMITTED. INSTALL FENCING ON BOUNDARY LINES INSIDE OF PROPERTY LINE ESTABLISHED BY SURVEY
- 6 DRILL OR HAND-EXCAVATE USING POST - HOLE DIGGER HOLES FOR POSTS TO DIMETERS AND SPACINGS INDICATED HEREIN. HOLE DEPTHS TO BE MINIMUM 6" BELOW BOTTOM OF FENCE MANUFACTURER, BUT NOT LESS THAN (4) TIMES LARGEST GROSS-SECTION OF POST TO SHED WATER
- 7 REMOVE POST HOLE SPOILS FROM SITE. DO NOT SET SPOILS ON ADEQUATE WITHOUT ADEQUATE PROTECTION
- 8 PROTECT PORTION OF POSTS ABOVE GROUND FROM CONCRETE SPATTER. PLACE CONCRETE AROUND POSTS AND VIBRATE OR TAMP FOR CONSOLIDATION. CHECK EACH POST FOR VERTICAL AND TOP PROTECTION. REMOVE EXCESS CONCRETE FROM SURFACE OF POSTS. EXCESS CONCRETE SHALL OTHERWISE SHOWN. EXTEND CONCRETE FOOTING 1" NON ABOVE GRADE AND TROWEL TO A SMOOTH FINISH
- 9 INSTALL BARBED WIRE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS
- 10 APPLY FABRIC TO OUTSIDE OF FRAMEWORK



2 Barbed Wire Detail

SCALE 1" = 1'-0"



3 Typical Fence Section

SCALE 3/8" = 1'-0"

NO.	DATE	REVISIONS	BY	CHKD	APP'D
1	07-27-20	PRELIMINARY CDS			
2	07-28-20	PRELIMINARY CDS			

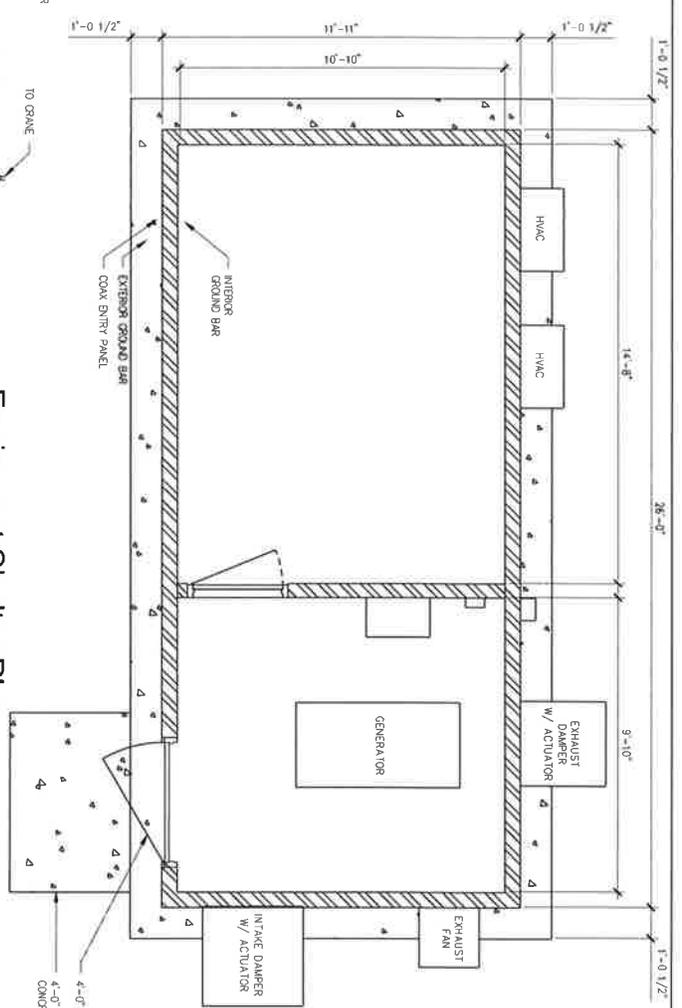


FENCE DETAILS
7 SEAS SIMUL CAST
3901 CEDAR CREEK
MANDAN, ND 58554

C-7

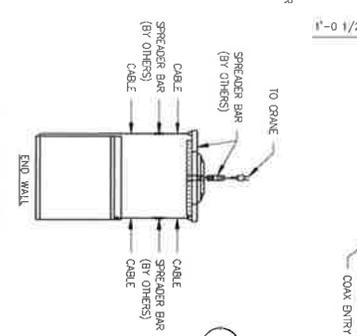
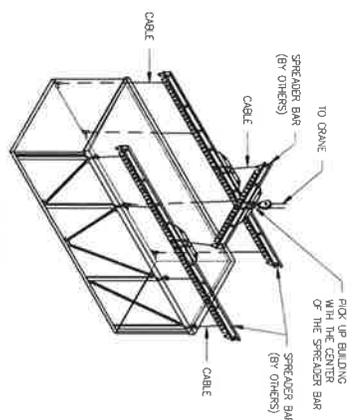
THIS DRAWING, CONTRACT AND SPECIFICATIONS ARE THE PROPERTY OF THE OWNER. IT IS HEREBY AGREED THAT THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND MAINTENANCE OF ALL UTILITIES SHOWN ON THIS DRAWING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND MAINTENANCE OF ALL UTILITIES SHOWN ON THIS DRAWING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION AND MAINTENANCE OF ALL UTILITIES SHOWN ON THIS DRAWING.

**PRELIMINARY
NOT FOR
CONSTRUCTION**



NOTE:
GENERAL CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL EXTERIOR ATTACHMENTS FOR GENERATOR (MULTIFLUE VENTS, ETC.), DOOR CANOPS, AND SECURITY LIGHTS.

1 Equipment Shelter Plan
SCALE 1/4" = 1'-0"

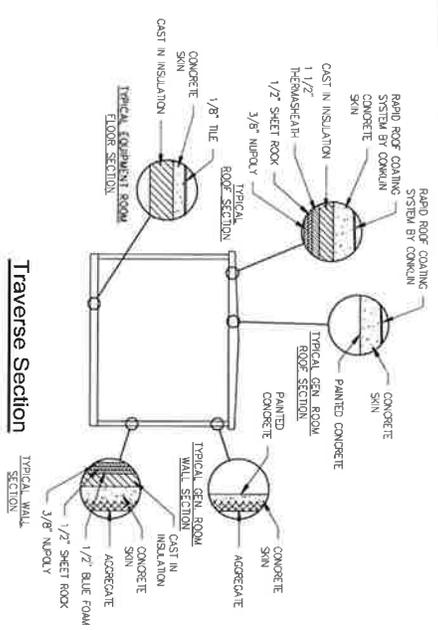


Equipment Shelter Set Up Procedure

1. INSPECT BUILDING UPON DELIVERY FOR DAMAGE DURING TRANSPORTATION
2. REMOVE UPON BRACKETS FROM SHELTER
3. USING ANCHOR BOLTS
4. INSTALL AND CHALK ALL ACCESSORIES (EXTERIOR LIGHTS, CANOPS, GENERATOR EXHAUST AND VENT PIPES ETC.)
5. INSPECT ROOF AND ROOF EDGES FOR DAMAGE CAUSED BY OFFLOAD AND REPAIR IF NEEDED
6. INSTALL BACKER ROD AND CHALK EXTERIOR WALLS AND ROOF
7. INSTALL FLASHING ON ALL INTERIOR AND LINES
8. MAKE ALL CONDUIT AND CABLE TRAY CROSSOVERS
9. CLEAN INTERIOR AND COMPLETE ANY TOUCH UP PAINTING
10. CHECK INTERIOR ALARM FOR PROPER OPERATION
11. CHECK LIGHTING AND AIR CONDITIONING FOR PROPER OPERATION
12. INSPECT COMPLETE BUILDING COSMETICS

Offload Notes

1. BUILDING SHALL BE OFF-LOADED LEVEL.
2. ALL CABLES, SHOCKING, SPREADER BARS, ETC. SHALL BE DESIGNED AND SPACED BY OTHERS
3. ALL LIFTING POINTS SHALL BE USED
4. 1 1/2" MAXIMUM DIAMETER FOR SHOCKING
5. 1 1/2" MAXIMUM DIAMETER FOR CABLES, SHELTERS, AND INSTALL AND/OR TE-DOWN PLATES (SHOULD LOOSE INSIDE SHELTERS) AT EACH LOCATION
6. OFF-LOAD BUILDING WITH CABLES IN VERTICAL POSITION ANGED POSITION CABLES ARE NOT ACCEPTABLE



1 Traverse Section

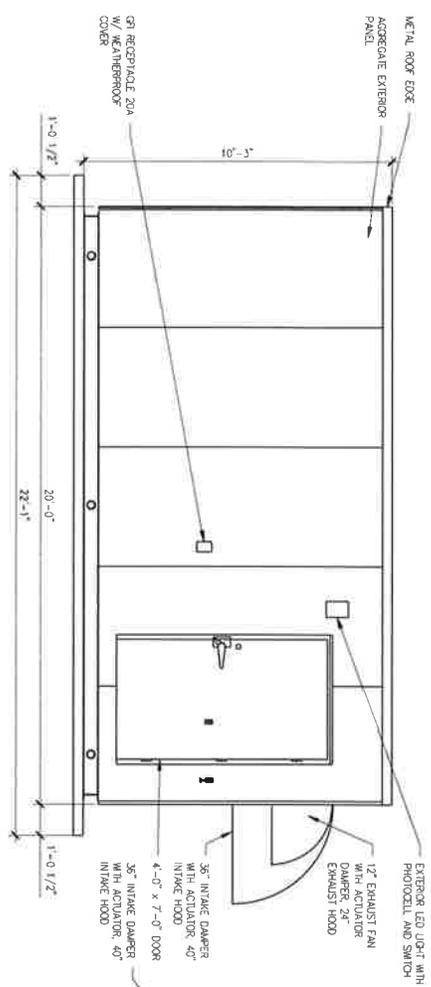
FOR REFERENCE ONLY

NO.	DATE	REVISIONS	BY	CHKD	APP'D
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2	07-26-20	PRELIMINARY QDS	CAO WSA		
3	08-27-20	LEAVE EXHAUST	CAO WSA		
4	09-21-20	LEAVE EXHAUST	SI	CAO WSA	
5					
6					

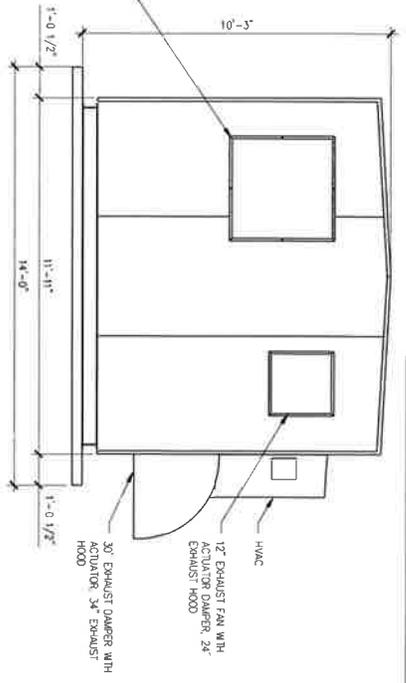
EQUIPMENT SHELTER PLAN		EQUIPMENT SHELTER PLAN		C-8	
7 SEAS SMALL CAST 3601 OLD RED TAIL MANDAN, ND 58554		7 SEAS SMALL CAST 3601 OLD RED TAIL MANDAN, ND 58554		7 SEAS SMALL CAST 3601 OLD RED TAIL MANDAN, ND 58554	

THE DRAWING IS CONSIDERED AND THE BEST REPRESENTATION OF THE OWNER. IT IS INTENDED TO BE USED BY THE OWNER AND NOT TO BE USED FOR ANY OTHER PURPOSE. THE APPLICABLE CODES AND REGULATIONS SHALL BE THE RESPONSIBILITY OF THE OWNER. THE OWNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. THE OWNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS. THE OWNER SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.

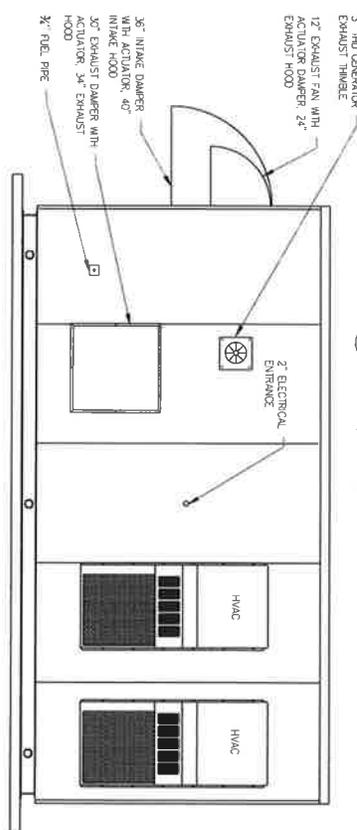
NOTES:
 INFORMATION CONTAINED IN THESE DRAWINGS REFERRING TO THE PROPOSED EQUIPMENT SHELTER WERE OBTAINED FROM STANDARD EQUIPMENT SHELTER DRAWINGS PROVIDED BY MOTOROLA & PRODUCED BY THE SHELTER MANUFACTURER. THIS INFORMATION IS PROVIDED AS A GUIDE & THE CONTRACTOR IS SPECIFICALLY DIRECTED TO OBTAIN & USE THE SPECIFIED SHELTER MANUFACTURER'S PLANS PROVIDED BY MOTOROLA SPECIFIC TO THIS SITE.



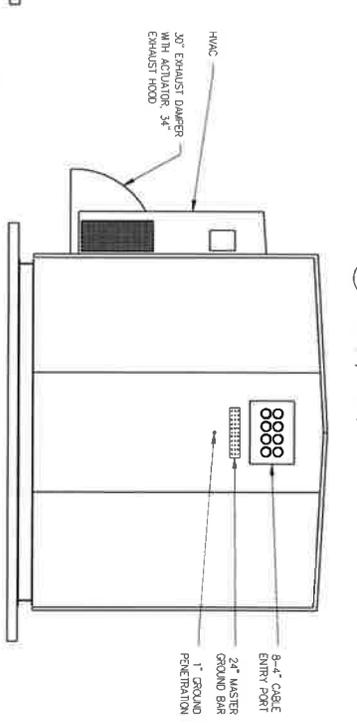
1 Front Wall Elevation
 SCALE: 1/4" = 1'-0"



2 End Wall Elevation
 SCALE: 1/4" = 1'-0"



3 Rear Wall Elevation
 SCALE: 1/4" = 1'-0"



4 End Wall Elevation
 SCALE: 1/4" = 1'-0"



ELEVATION LEGEND

FOR REFERENCE ONLY

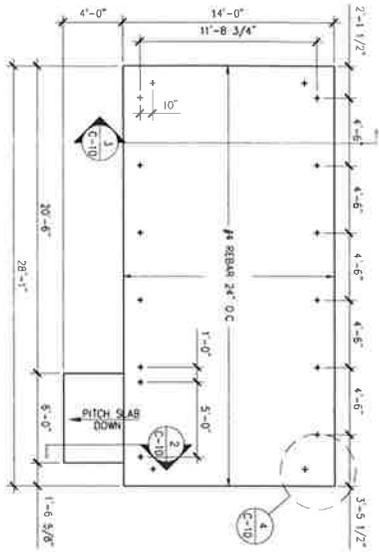
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C-9	15-20	PRELIMINARY CDS	WJM/WJA	
B-07	20-20	PRELIMINARY CDS	COJ/WJA	
A-01	22-20	LEASE EXHIBIT	COJ/WJA	



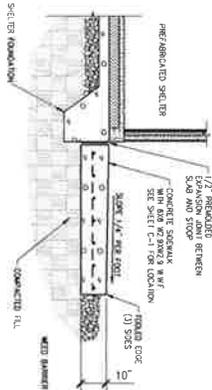
EQUIPMENT SHELTER ELEVATIONS
 7 SEAS SIMULCAST
 3801 OLD RED TRAIL
 MANDAN, IN 46954

C-9

THIS DRAWING IS COPYRIGHTED AND IS THE SOLE PROPERTY OF MOTOROLA. NO PART OF THIS DRAWING IS TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF THE INVENTOR. A 1/4" SCALE OF THIS DRAWING IS AVAILABLE FOR REVIEW AT THE OFFICE OF THE INVENTOR. A 1/4" SCALE OF THIS DRAWING IS AVAILABLE FOR REVIEW AT THE OFFICE OF THE INVENTOR.

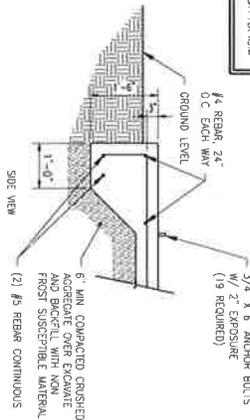


1 Shelter Foundation
SCALE: 1/8" = 1'-0"

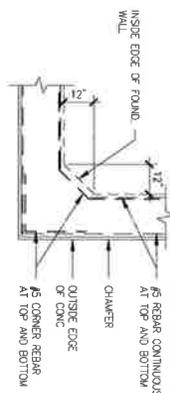


2 Concrete Stoop
SCALE: 1/4" = 1'-0"

CONCRETE SHALL BE CAST IN PLACE AND FINISHED WITH A 1/2" REBAR. THE REBAR SHALL BE CAST IN PLACE AND FINISHED WITH A 1/2" REBAR. THE REBAR SHALL BE CAST IN PLACE AND FINISHED WITH A 1/2" REBAR. THE REBAR SHALL BE CAST IN PLACE AND FINISHED WITH A 1/2" REBAR.

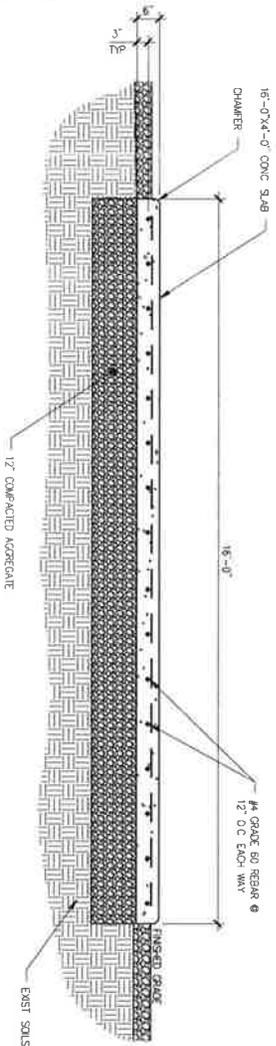


3 Foundation Section
NOT TO SCALE

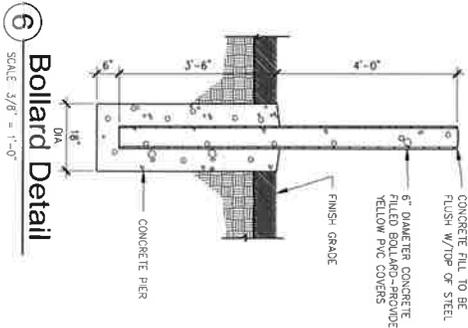


4 Corner Reinforcing
SCALE: 1/4" = 1'-0"

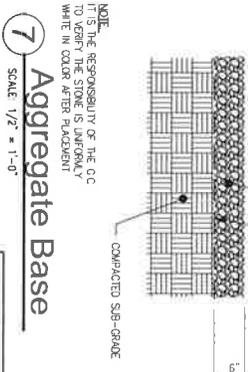
NOTES:
FOUNDATIONS AS DESIGNED ASSUME NORMAL SOILS - GEOTECHNICAL REPORT REQUIRED FOR SPECIAL SOILS. FOUNDATION DESIGN REPORT COULD ALTER THE FOUNDATION DESIGN - COORDINATE W/ SOILS ENGINEER.



5 LP Slab Detail
SCALE: 3/8" = 1'-0"



6 Bollard Detail
SCALE: 3/8" = 1'-0"



7 Aggregate Base
SCALE: 1/2" = 1'-0"

PRELIMINARY NOT FOR CONSTRUCTION

NO.	DATE	REVISIONS	BY	CHK	APP'D
C	09-15-20	PRELIMINARY CDS	WLV	WLV	
B	07-28-20	PRELIMINARY CDS	CAD	WLV	
A	01-27-20	FAST EXHIBIT	CAD	WLV	

MISSION 1
607 Constitution Drive, Suite C
Mandan, ND 58554

PYRAMID NETWORK Services, LLC

MOTOROLA SOLUTIONS

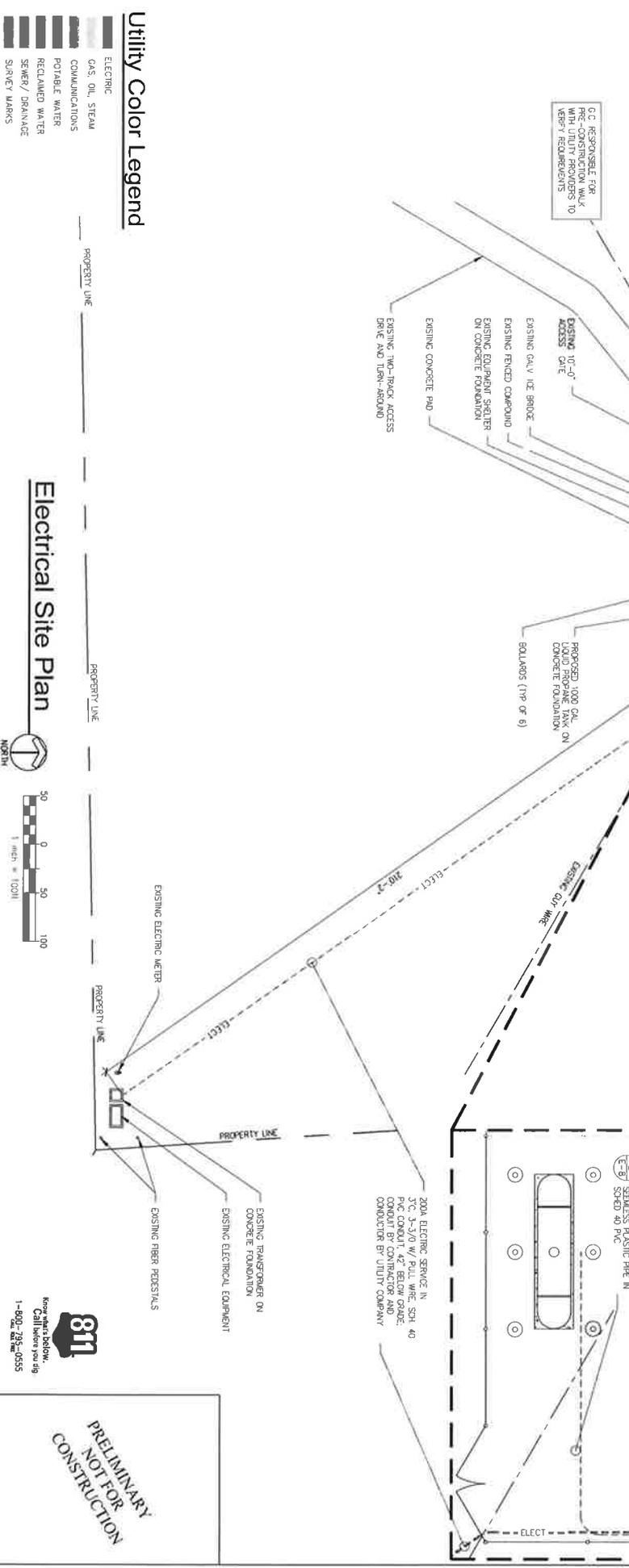


SITE CIVIL DETAILS
7 SEAS SIMUL CAST
RED TINT
MANDAN, ND 58554

C-10
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GENERAL NOTES:

1. THE LOCATION, SIZE & TYPE OF MATERIAL OF EXISTING UTILITIES INDICATED ON THE PLANS IS NOT REPRESENTED AS BEING ACCURATE. SUFFICIENT TO DETERMINE THE ACTUAL LOCATION OF EXISTING UTILITIES. THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE ACTUAL LOCATION OF EXISTING UTILITIES PRIOR TO CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE UTILITY COMPANIES OF HIS OPERATIONAL PLANS & SHALL OBTAIN FROM THE RESPECTIVE UTILITY COMPANIES ALL NECESSARY INFORMATION REGARDING THE LOCATION OF EXISTING UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL OR ADJUSTMENT WHERE REQUIRED IN THE EVENT AN UNEXPECTED UTILITY INTERFERENCE IS ENCOUNTERED DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE IMMEDIATELY NOTIFIED ANY SUCH MAINS & SERVICES SHALL BE RESTORED TO SERVICE AT ONCE & PAID FOR BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CONTRACTOR.
2. NEW GROUNDING NOT SHOWN FOR CLARITY.
3. WARNING TAPE SHALL BE INSTALLED DIRECTLY ABOVE CONDUITS AT A DEPTH OF 12 INCHES BELOW FINISHED GRADE UNLESS NOTED OTHERWISE. TAPE COLOR SHALL BE AS SPECIFIED BELOW AND SHALL BEAR DESCRIPTION OF THE UTILITY.



Utility Color Legend

- █ ELECTRIC
- █ GAS, OIL, STEAM
- █ COMMUNICATIONS
- █ POTABLE WATER
- █ RECLAIMED WATER
- █ SEWER / DRAINAGE
- █ SURVEY MARKS

Electrical Site Plan



NO.	DATE	BY	CHK	APP'D
1	07-27-20	REVISIONS		



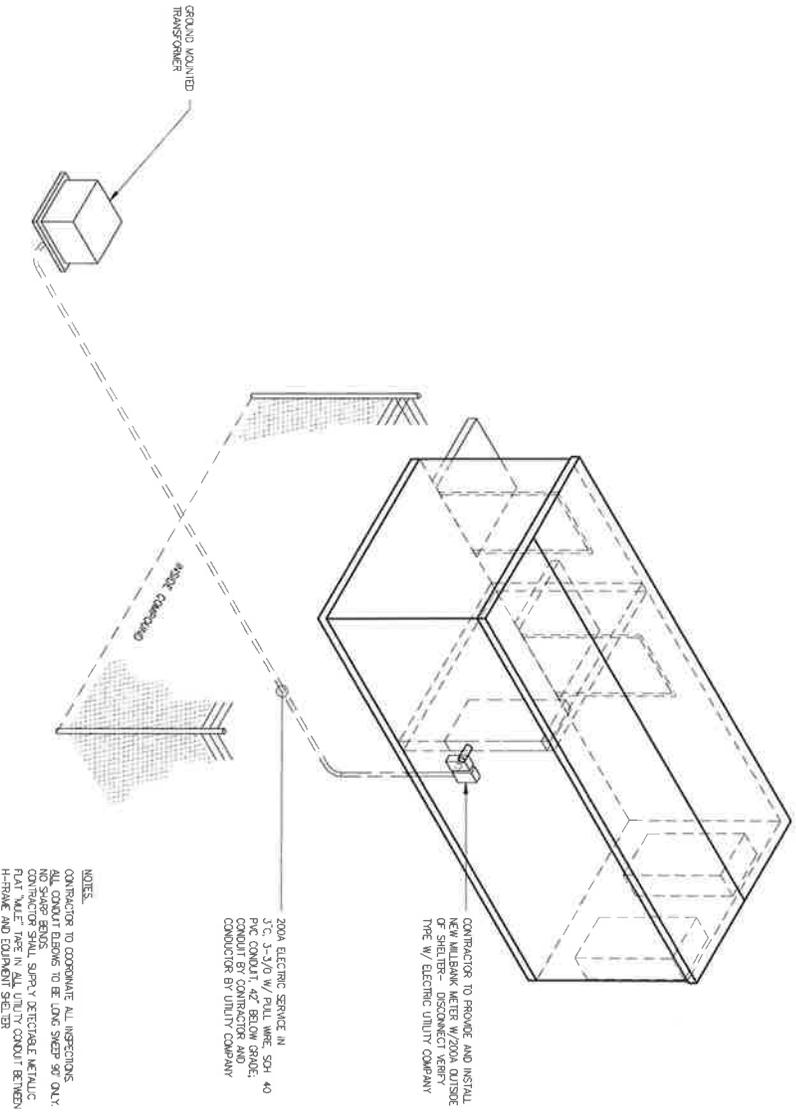
7 SEAS SIMITL CAST
3801 OLD RED TRAIL
MANDAN, ND 58554

E-1

THE DRAWING & SPECIFICATIONS ARE THE PROPERTY OF THE ENGINEER. IT IS UNDERSTOOD THAT THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION OBTAINED IN THE FIELD. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE LOCATION OF ALL UTILITIES AND FOR THE PROTECTION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES.

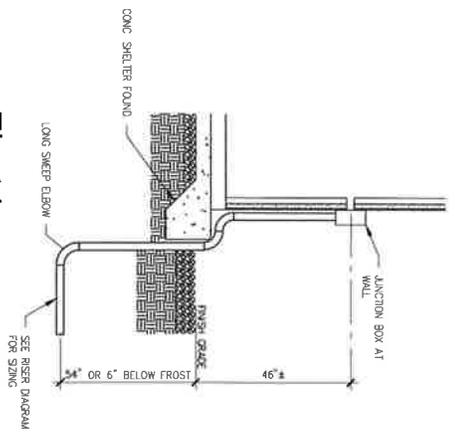
**PRELIMINARY
NOT FOR
CONSTRUCTION**

811
Know what's below.
Call before you dig
1-800-485-5055

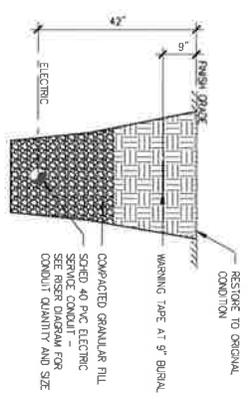


1 Utility Riser Diagram
 NO SCALE

- Utility Color Legend**
- █ ELECTRIC
 - █ GAS, OIL, STEAM
 - █ COMMUNICATIONS
 - █ POTABLE WATER
 - █ RECLAIMED WATER
 - █ SEWER / DRAINAGE
 - █ SURVEY MARKS



2 Electric Service Entrance
 SCALE 1/4" = 1'-0"



3 Buried Utility
 SCALE 3/8" = 1'-0"

NO.	DATE	REVISIONS	BY	CHK	APP'D
C	15-20	PRELIMINARY CDS			
B	07-20	PRELIMINARY CDS			
A	07-20	FINAL ENGINEER			



EXTERIOR ELECTRICAL DETAILS
 7 SEAS SIMULCAST
 3801 OLD RED TRAIL
 MANDAN, ND 58554

E-2

NOT DRAWN & CONSTRUCTION AND THE BEST REPRESENTATION OF THE OWNER. IT IS UNDERSOONED THAT THE USER OF THIS DRAWING SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION CONTAINED HEREIN AND FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES AND AUTHORITIES. THE USER OF THIS DRAWING SHALL BE RESPONSIBLE FOR THE ACCURACY OF THE INFORMATION CONTAINED HEREIN AND FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES AND AUTHORITIES.

**PRELIMINARY
 NOT FOR
 CONSTRUCTION**

PANEL CIRCUIT AND LOAD SCHEDULE																								
LOAD	DESCRIPTION	QTY	UNIT	V/A	DISTRIBUTION			TRIP	POLES	WIRE SIZE	A.I.C.	SERVICE DISLOCATION LOCATION	CONDUIT TYPE	CONDUIT SIZE	UNIT	V/A	QTY	DESCRIPTION						
					A	B	C																	
1	EQUIPMENT ROOM LIGHTS	1	180	322.8	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
2	EXT	1	180	322.8	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
3	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
4	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
5	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
6	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
7	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
8	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
9	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
10	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
11	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
12	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
13	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
14	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
15	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
16	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
17	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
18	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
19	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
20	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
21	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
22	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
23	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
24	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
25	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
26	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
27	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
28	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
29	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
30	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
31	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
32	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
33	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
34	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
35	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
36	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
37	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
38	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
39	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
40	EQUIPMENT ROOM DUCTS	4	180	720	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	2 TON BARD HVAC						
TOTAL KVA PHASE A										9.3			TOTAL KVA PHASE B			6.1			TOTAL KVA PHASE C			8.2		
TOTAL AMPS PHASE A										32.2			TOTAL AMPS PHASE B			21.7			TOTAL AMPS PHASE C			29.7		
TOTAL AMPS PHASE										60.7			TOTAL AMPS PHASE			60.7			TOTAL AMPS PHASE			60.7		

1 Panel Schedule

NO SCALE

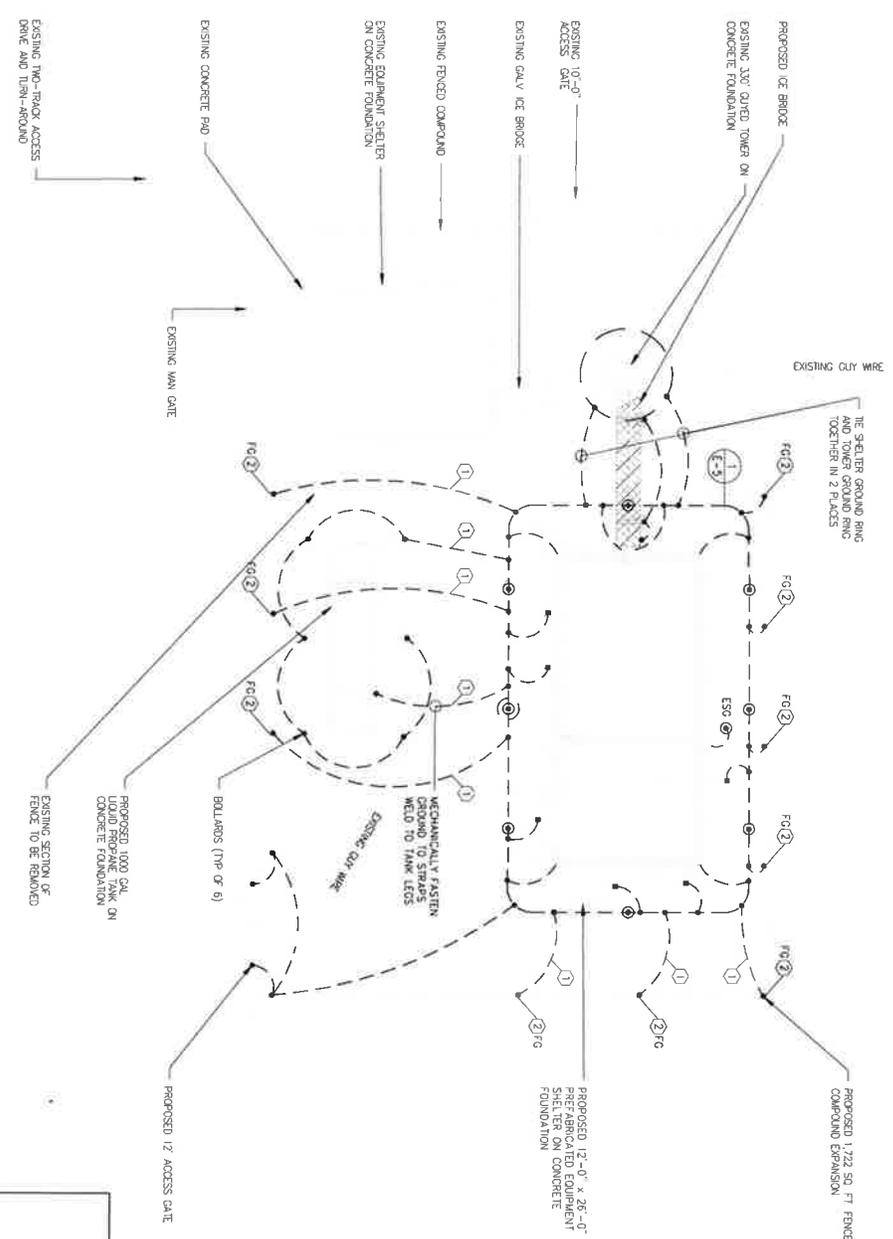
GENERAL NOTES:

1. ALL ELECTRICAL EQUIPMENT SHALL BE INSTALLED IN CONFORMANCE WITH NFPA 70, THE RESPECTIVE EQUIPMENT MANUFACTURERS DIRECTIONS AND ALL OTHER APPLICABLE LOCAL CODES, LAWS, ORDINANCES AND REQUIREMENTS IN FORCE. ANY INSTALLATION WHICH VIOLATES THE UL LISTING (OR OTHER THIRD PARTY LISTING) AND/OR THE MANUFACTURERS WARRANTY OF A DEVICE SHALL NOT BE PERMITTED.
 2. COORDINATE ELECTRICAL SERVICE WITH LOCAL POWER UTILITY COMPANY. COORDINATE WITH UTILITY FOR METER TYPE AND CONNECTION.
 3. ALL CONDUIT SHALL BE SEALED WATER-TIGHT UNTIL FINAL TERMINATIONS ARE MADE.
 4. PROVIDE PULL COORD IN ALL CONDUITS SECURE AT EACH END.
 5. ADJUST DEPTH OF CONDUITS TO PASS ABOVE GROUNDING SYSTEM.
 6. PROVIDE 18 INCH (MIN) RADIIUS ELBOWS FOR ALL BENDS.
 7. PROVIDE PHENOLIC REINFORCED MANHOLETS AT THE SERVICE DISCONNECT. NEUTRAL SHALL BE PULLED WHEN REQUIRED BY UPS MANUFACTURER LABELED. "SERVICE DISCONNECT" (PER NEC 200-70) PROVIDE ADDITIONAL MANHOLETS NOTING TYPE AND LOCATION OF STANDBY POWER SOURCE.
- SERVICE CONDUIT:**
1. PROVIDE PVC SCH 40 (OUTSIDE), PVC SCH 80 (OUTSIDE IN TRAFFIC AREAS) CONDUIT FOR ALL POWER & ALARM/CONTROL REQUIREMENTS - WIRING PROVIDED BY CONTRACTOR.
 2. COORDINATE LOCATION OF GENERATOR POWER AND CONTROL WITH GENERATOR EQUIPMENT INSTALLATION & SHELTER MANUFACTURER DRAWINGS.
 3. MESSAL CONTROL PANEL FURNISHED BY SHELTER MANUFACTURER & INSTALLED BY CONTRACTOR UNDER THIS CONTRACT. GENERATOR REMOTE RELAY PANEL PROVIDED & INSTALLED BY SHELTER MANUFACTURER.

PANEL CIRCUIT AND LOAD SCHEDULE																								
LOAD	DESCRIPTION	QTY	UNIT	V/A	DISTRIBUTION			TRIP	POLES	WIRE SIZE	A.I.C.	SERVICE DISLOCATION LOCATION	CONDUIT TYPE	CONDUIT SIZE	UNIT	V/A	QTY	DESCRIPTION						
					A	B	C																	
1	EXTENSION LIGHT	1	100	100	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	GENERATOR ROOM HEATER						
2	EXTENSION LIGHT	1	100	100	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	GENERATOR ROOM HEATER						
3	GENERATOR ROOM DUCTS	3	360	1080	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	VENTILATION						
4	GENERATOR ROOM DUCTS	3	360	1080	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	VENTILATION						
5	GENERATOR ROOM DUCTS	3	360	1080	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	VENTILATION						
6	GENERATOR ROOM DUCTS	3	360	1080	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	VENTILATION						
7	GENERATOR ROOM DUCTS	3	360	1080	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	VENTILATION						
8	GENERATOR ROOM DUCTS	3	360	1080	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	VENTILATION						
9	GENERATOR ROOM DUCTS	3	360	1080	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	VENTILATION						
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19	GENERATOR ROOM DUCTS	3	360	1080	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	VENTILATION						
20	GENERATOR ROOM DUCTS	3	360	1080	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	VENTILATION						
21	GENERATOR ROOM DUCTS	3	360	1080	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	VENTILATION						
22	GENERATOR ROOM DUCTS	3	360	1080	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	VENTILATION						
23	GENERATOR ROOM DUCTS	3	360	1080	20	12	10K	20	12	10K	10K	10	2	20	20	20	2	VENTILATION						
TOTAL KVA PHASE A										2.5			TOTAL KVA PHASE B			4.8			TOTAL KVA PHASE C			3.5		
TOTAL AMPS PHASE A										9.3			TOTAL AMPS PHASE B			20.9			TOTAL AMPS PHASE C			13.5		
TOTAL AMPS PHASE										23.5			TOTAL AMPS PHASE			23.5			TOTAL AMPS PHASE			23.5		

TYPICAL GROUNDING NOTES

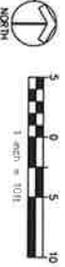
1. ALL METALLIC ITEMS AND FENCE POSTS WITHIN 6' OF THE GROUNDING SYSTEM TO BE BONDED TO GROUND RING.
2. FENCE FABRIC TO BE BONDED PER MOTOROLA R-56 STANDARDS REV B
3. FENCE FABRIC RUNS LESS THAN 40' SHALL BE BONDED ON ONE END FENCE FABRIC RUNS GREATER THAN 40' SHALL BE BONDED ON BOTH ENDS.
4. FENCE TOP RAIL TO BE BONDED TO CORNER POSTS ON BOTH ENDS
5. CONTRACTOR TO REPAIR ANY EXISTING GROUNDING LEADS CUT DURING CONSTRUCTIONS



Legend

1. #2 SOLID BARE COPPER GROUND 48" BELOW GRADE
2. CROWNED TO FENCE POST
3. BOND GATE LEAF TO GATE POST WITH A FLEXIBLE GATE JUMPER
4. GROUND ROD
5. GROUND SYSTEM TEST WELL (HAND HOLE)
6. CROWNED CONNECTION
7. FENCE LINE

Grounding Plan



NO.	DATE	REVISIONS	BY	CHK	APP'D
1	07-27-20	LEAD EMBLEM	CAJ	MA	
2	07-29-20	PROXYMARKET QDS	CAJ	MA	
3	08-15-20	PERMANENT QDS	CAJ	MA	



GROUNDING PLAN
7 SEAS SIMULI CAST
3801 OLD RED TAIL
MANDAN, ND 58554

E-4

811
Know what's below.
Call 800-455-4555
1-800-281-5555

**PRELIMINARY
NOT FOR
CONSTRUCTION**

NO.	DATE	REVISIONS	BY	CHK	APP'D
1	07-15-20	PRELIMINARY CDS	WAL WJA		
2	07-20-20	PRELIMINARY CDS	COO WJA		
3	07-27-20	LEASE EXHIBIT	CHL WJA		

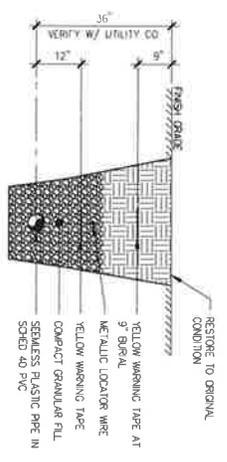


PROpane DETAILS
7 SEAS SIMULCAST
3801 OLD RED TRAIL
MANDAN, ND 58554

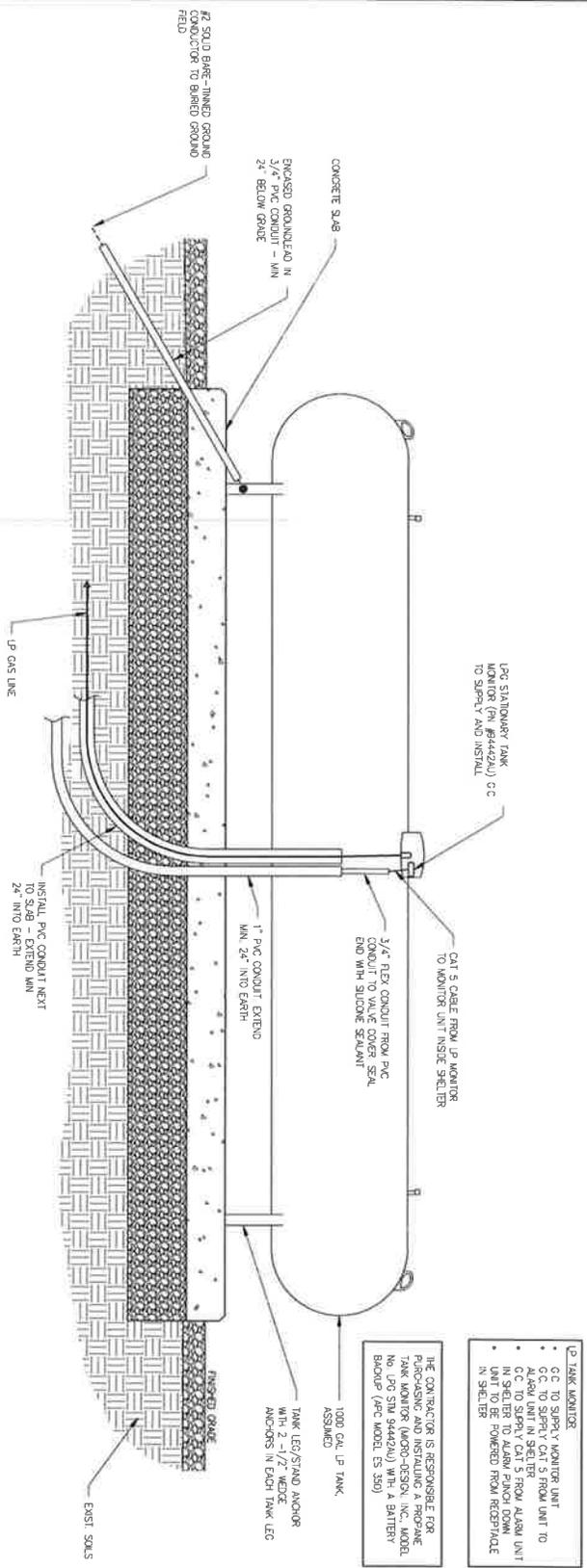
E-8

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**PRELIMINARY
NOT FOR
CONSTRUCTION**



1 LP Tank Detail
SCALE: 1/2" = 1'-0"



- TANK MONITOR
- C.C. TO SUPPLY UNIT TO
- C.C. TO SUPPLY CAT 5 FROM UNIT TO
- C.C. TO SUPPLY CAT 5 FROM ALARM UNIT
- IN SHELTER TO ALARM PUNCH DOWN
- UNIT TO BE POWERED FROM RECEPTACLE
- IN SHELTER

THE CONTRACTOR IS RESPONSIBLE FOR PURCHASING AND INSTALLING A PROPANE TANK MONITOR (MICO-DESIGN, INC., MODEL NO. PPS SH422) WITH A BATTERY BRIDGE (P/C MODEL ES 320)

2 LP Gas Service from LP tank to Generator
SCALE: 3/8" = 1'-0"

3

**MANDAN ARCHITECTURAL REVIEW COMMISSION
APPLICATION
PHONE 667-3230 FAX 667-3481**

Applicants must present 10 copies of all required documentation to the Building Inspections Department no later than 12 p.m. (noon) on the Wednesday prior to the scheduled meeting at which consideration is desired.

1. Description of Proposed Activity: Fenced in seating area on North side of Sargeant Bar to allow for social distancing due to covid-19.
2. Name of Owner: Tosha Niewwsma
Mailing Address: ~~435 E. 13th St. Mandan ND 58554~~ PO Box 1116 Mandan ND 58554
Phone (Cell) 701-400-1820 (Office) 701-751-2213
3. Name of Architect if applicable: N/A
Mailing Address: PO Box 1116 Mandan, ND 58554
Phone (Cell) 701-400-1820 Office 701-751-2213
4. Name of Contractor: Voeyde Contracting
Mailing Address: _____
Phone (Cell) 701-989-9597 (Office) _____
5. Parcel Address: 202 E Main St Mandan ND 58554
6. Legal Description
Lot 14 Block 5 Addition Mandan Proper Addition
Section 27 Township 8139 Range 81
7. Zoning: DC (Downtown Core)
8. Existing Land Use: Bar
9. Lot Size (Sq Ft) 3,049 SF
Existing Bldg Area (Sq Ft) ~2,300 SF (.07 acres)
Proposed Bldg Area (Sq Ft) _____
10. Estimated Cost of Project: \$ 450,00

I understand the procedures for Architectural Review and have received the checklist (see attached sheet) to be followed for approval as set forth in Chapter 111-1 of the Mandan City Code.

Approvals are subject to compliance with Federal, State and Local regulations.

Tosha Niewwsma  9-30-20
Applicant Date

5 = 3 1/2' round tables
20-16" chairs

