

AGENDA
MAPLE PLAIN PLANNING COMMISSION MEETING
MAPLE PLAIN CITY HALL
June 7, 2018
6:00 PM

1. CALL TO ORDER

2. PLEDGE OF ALLEGIANCE

3. ADOPT THE AGENDA

4. APPROVAL OF PLANNING COMMISSION MEETING MINUTES

A. Planning Commission Meeting Minutes – May 17, 2018

5. NEW BUSINESS

A. SAC Wireless on behalf of AT&T, (Applicant) and American Tower Asset Sub, LLC (Owner) request that the City consider the following action for the property located at 5115 Industrial Street (PID No. 25-118-24-13-0014).

a. A conditional use permit amendment to allow three (3) additional antennae/radios to be located on the existing tower.

6. OLD BUSINESS

A. Elim Care, Inc./Augustana Care, (Applicant) and Maple Plain Gateway Prop., LLC (Owner) request that the City consider the following actions for the property located at 1425 Baker Park Road (PID No.s 25-118- 24-11-0019, 25-118- 24-11-0027, 25-118- 24-11- 0024, 25-118- 24-11- 0025, 25-118- 24-11- 0030, 25-118- 24-11-0026, 25-118- 24-11- 0002).

a. Site Plan Review for a new multi-family senior housing development consisting of approximately 135 units of independent living, assisting living and memory care.

b. Preliminary Plat to allow the subdivision of the subject properties. Several properties will be combined, new properties and a new public right of way will be created as a part of the proposed development of the subject property.

6. ADJOURN

MINUTES
MAPLE PLAIN PLANNING COMMISSION MEETING
MAPLE PLAIN CITY HALL
May 17, 2018
6:00 PM

1. CALL TO ORDER

Planning Commission Chair Michele Bliss called the meeting to order at 6:00 p.m.

Present: Planning Commission Chair Michele Bliss, Planning Commissioners Mardelle DeCamp, Barbara Korri, Barb Rose and Stephen Shurson. Also Present: Councilmember Mike DeLuca, City Attorney John Thames, City Planner Mark Kaltsas, City Administrator Robert Schoen and Assistant to the City Administrator Nicole Kathman.

2. PLEDGE OF ALLEGIANCE

3. ADOPT THE AGENDA

Planning Commission Chair Bliss announced two changes to the agenda. First, Bliss stated that the Planning Commission will be switching the order of the New Business agenda items. Second, Bliss shared that the public hearing originally scheduled for Elim Care/Augustana Care will be only preliminary information and that the public hearing is anticipated to occur at the next Planning Commission Meeting on June 7.

Motion by Planning Commissioner Shurson, seconded by Planning Commissioner Korri, to adopt the agenda with stated modifications. Motion passed, 5-0.

4. APPROVAL OF PLANNING COMMISSION MEETING MINUTES

A. Planning Commission Meeting Minutes – April 5, 2018

Planning Commissioner DeCamp requested to make the correction of adding Planning Commissioner Shurson to the list of attendees.

Motion by Planning Commissioner DeCamp, seconded by Planning Commissioner Shurson, to approve the April 5, 2018 minutes with the correction. Motion passed, 5-0.

5. NEW BUSINESS

~~A. Kurt and Michelle Kroll, (Owner/Applicant) request that the City consider the following action for the property located at 5060 US Highway 12 (PID No. 25-118-24-12-0049).~~

~~a. Conditional Use Permit amendment to allow the construction of a new paint building and associated site changes due to the new building.~~

A. Elim Care, Inc./Augustana Care, (Applicant) and Maple Plain Gateway Prop., LLC (Owner) request that the City consider the following actions for the property located at 1425 Baker Park Road (PID No.s 25-118- 24-11- 0019, 25-118- 24-11-0027, 25-118- 24-11- 0024, 25-118- 24-11- 0025, 25-118- 24-11- 0030, 25-118- 24-11-0026, 25-118- 24-11- 0002).

a. Site Plan Review for a new multi-family senior housing development consisting of approximately 135 units of independent living, assisting living and memory care.

b. Preliminary Plat to allow the subdivision of the subject properties. Several properties will be combined, new properties and a new public right of way will be created as a part of the proposed development of the subject property.

City Planner Kaltsas provided an overview of the request for a site plan review and preliminary plat by Elim Care, Inc./Augustana and Maple Plain Gateway Prop., LLC at 1435 Baker Park Road. Kaltsas stated that the site plan review request is to allow a multi-family senior housing development of approximately 135 units. Kaltsas added that preliminary plat request is to allow the subdivision and combination of properties as well as creating a new public right-of-way and access noting that the total area is approximately 20 acres and is all zoned Mixed-Use Gateway.

Kaltsas shared that for the past several months the City has been working with the applicant and owner on this submission in order to maximize the potential use of the overall size. Kaltsas noted this included the addition of an east/west road to connect Howard Ave and Baker Park Road and the redevelopment of the current Park and Ride site to resize it according to demand to the relocate it along the road.

Kaltsas shared that the City is still working with Hennepin County and the City of Medina to establish the contact point for the new road which is why a June 7th meeting is being proposed. Kaltsas noted that most of the items that are proposed in the site plan including parking, building, and architecture would remain the same.

Kaltsas proceeded to provide a summary of the proposed building and site features noting the following:

- It is a single building of 160,000 square feet with an underground parking garage under the east wing. The east wing of the building is 3 stories high and the rest of the building is one story high.
- There will be a public road with public parking spaces. 20 will be built to start off with space to potentially add 30 more. The layout of the west side of the road will be included in a revised plan.
- There will be an access road to the north for deliveries, employees, and emergency vehicles.
- There will be a walking path around the building that emergency vehicles can utilize.
- There will be bituminous trail along Baker Park Road and sidewalks on the new public road.
- The proposed 135 units are broken down as follows: 17 transitional care, 19 skilled care (memory care), 19 skilled care (long-term care), 15 assisted living memory care, 35 assisted living apartments, and 25 independent living apartments.
- The building meets design guidelines, setback, lot size, and parking standards.

Kaltsas commented he would cover additional information at the next Planning Commission meeting.

Planning Commission Chair Bliss opened the public hearing at 6:30 p.m.

Andrew Centanni of Elim Care shared that Elim Care has operated Haven Homes and Bryant House in Maple Plain for over 60 years. Centanni expressed his excitement regarding the opportunity to bring a new building that is a full continuum of care in one facility and stay in Maple Plain.

Planning Commissioners asked for details about the transitional care and the future of the current site. Centanni answered that transitional care is temporary and the average stay is 14 days. Centanni also replied that they are still working on the future of the current site, but there is no intention to sell it at this point.

Planning Commission Chair Bliss commented she was excited that the building included all types of care.

Planning Commissioner Shurson shared that overall he liked the look of the building and use of the site. Shurson asked for consideration to include a trail on the new road and to enhance landscaping and

streetscape. Kaltsas commented that a sidewalk of 7 feet wide is proposed. Shurson commented there might be issues of pedestrian safety if a busy path is located right in front of the businesses by MPFC.

Planning Commissioners discussed the angled parking along the road. Kaltsas commented that in a downtown type area if parking is not parallel it is angled.

Planning Commissioner DeCamp asked about the use of park dedication funds. City Administrator Schoen stated that the City Council would discuss how to use them at a future time.

**Motion by Planning Commissioner Shurson, seconded by Planning Commissioner DeCamp, to continue the public hearing to June 7th.
Motion passed, 5-0.**

~~B. Elim Care, Inc./Augustana Care, (Applicant) and Maple Plain Gateway Prop., LLC (Owner) request that the City consider the following actions for the property located at 1425 Baker Park Road (PID No.s 25-118-24-11-0019, 25-118-24-11-0027, 25-118-24-11-0024, 25-118-24-11-0025, 25-118-24-11-0030, 25-118-24-11-0026, 25-118-24-11-0002).~~

~~a. Site Plan Review for a new multi-family senior housing development consisting of approximately 135 units of independent living, assisting living and memory care.~~

~~b. Preliminary Plat to allow the subdivision of the subject properties. Several properties will be combined, new properties and a new public right of way will be created as a part of the proposed development of the subject property.~~

B. Kurt and Michelle Kroll, (Owner/Applicant) request that the City consider the following action for the property located at 5060 US Highway 12 (PID No. 25-118-24-12-0049).

a. Conditional Use Permit amendment to allow the construction of a new paint building and associated site changes due to the new building.

City Planner Kaltsas stated that Kurt and Michelle Kroll are requesting a Conditional Use Permit amendment for Collision Corner. Kaltsas stated that the requested amendment is to add a 40 foot by 30 foot paint booth and to modify the site to accommodate the new building. Kaltsas noted these other modifications include a reconfigured parking space and site layout.

Kaltsas described the proposed new building and site layout. Kaltsas stated the proposed building materials are similar to the existing building. In addition, Kaltsas explained his analysis of the parking spaces proposed in comparison to the current Conditional Use Permit.

Kaltsas asked for feedback and direction from the Planning Commission on the following components:

- Screening of mechanical equipment as required if there is mechanical equipment.
- Proposed amount of parking spaces
- Parking in front of overhead access doors
- For Sale parking spaces and use of MnDOT right-of-way
- Removal of trees to accommodate fire lane
- Plans not showing existing fence
- Conditions not completed from last Conditional Use Permit revision in 2015 including parking lot striping, no parking signage related to fire lane, required landscape on northeast corner of fence

Planning Commission Chair Bliss opened the public hearing at 7:14 p.m.

The Planning Commission discussed the proposal to amend the Conditional Use Permit and provided feedback. Michelle and Kurt Kroll were present to answer any questions and provide clarifications.

Assistant to the City Administrator Kathman read a letter from K-Bid President Ray Caruso stating his support for the Conditional Use Permit Amendment. Additionally in the letter Caruso states that he will allow Collision Corner to utilize his rear parking lot during construction.

After discussion the Planning Commission recommended approval of the Conditional Use Permit amendment by City Council subject to providing the City revised plans with the following recommendations incorporated:

1. A handicapped space with the proper width for the clear aisle will need to be provided in front of the building. The current space is not the requisite width.
2. The Planning Commission recommended a total of 70 parking spaces which can be further broken down as follows:

Boundary Parking:	14	spaces
Front of Building:	10	spaces (customer parking)
Rear of Building:	37	spaces
For Sale Parking:	9	spaces
Total Spaces:	70	spaces

The for-sale parking spaces will need to be entirely paved along with the drive aisle to serve the for-sale spaces. The plans will also need to show what trees will be removed as a result of the for-sale parking spaces being paved. A table should be added to the plan that identifies the total number of parking spaces proposed for each of the aforementioned areas.

3. The proposed paint building addition will need to identify all venting and a detail shall be included on the plans showing how it will be screened from surrounding views.
4. An opaque gate similar to the gate on Boundary Ave. shall be provided to the west of the existing detached accessory building to screen the back-storage area from Highway 12.
5. The plans shall be revised to indicate the location of the no parking signage and fire/access lane striping.
6. The plans shall be revised to show the location of the relocated fence and proposed pavement for the fire/access lane located to the west of the existing shed.
7. The plans shall be revised or a separate plan shall be submitted showing the detailed layout of the landscaping approved to be installed in the northeast corner of the site.

Planning Commission Chair Bliss closed the public hearing at 8:10 pm.

Motion by Planning Commissioner DeCamp, seconded by Planning Commissioner Rose, to recommend approval to the City Council of the Conditional Use Permit amendment with the noted conditions. Motion passed, 5-0.

Planning Commissioner Shurson shared that approval of funding and authorization to enter into an agreement with BNSF regarding building a new underpass bridge is on the Three Rivers Park District Board meeting agenda.

6. ADJOURN

Motion by Planning Commissioner Korri, seconded by Planning Commissioner Shurson, to adjourn the meeting. Motion passed, 5-0. Meeting adjourned at 8:15 p.m.

City of Maple Plain

Request for a Conditional Use Permit Amendment to Allow Additional Antennas to be Placed on the Existing Tower Located at 5115 Industrial Street

<i>To:</i>	Planning Commission
<i>From:</i>	Mark Kaltsas, City Planner
<i>Meeting Date:</i>	June 7, 2018
<i>Applicant:</i>	SAC Wireless
<i>Owner:</i>	American Tower Asset Sub, LLC
<i>Location:</i>	5115 Industrial Street

Request:

SAC Wireless on behalf of AT&T, (Applicant) and American Tower Asset Sub, LLC (Owner) request that the City consider the following action for the property located at 5115 Industrial Street (PID No. 25-118-24-13-0014).

- a. A conditional use permit amendment to allow three (3) additional antennae/radios to be located on the existing tower.

Property/Site Information:

The property is located south of Industrial Street and north of Willow Street. There is an existing cellular communications tower located on the subject property. The remainder of the property is utilized by the existing industrial business. The property has the following characteristics:

Property Information: 5115 Industrial Street

Zoning: *I - Industrial*

Comprehensive Plan: *Industrial*

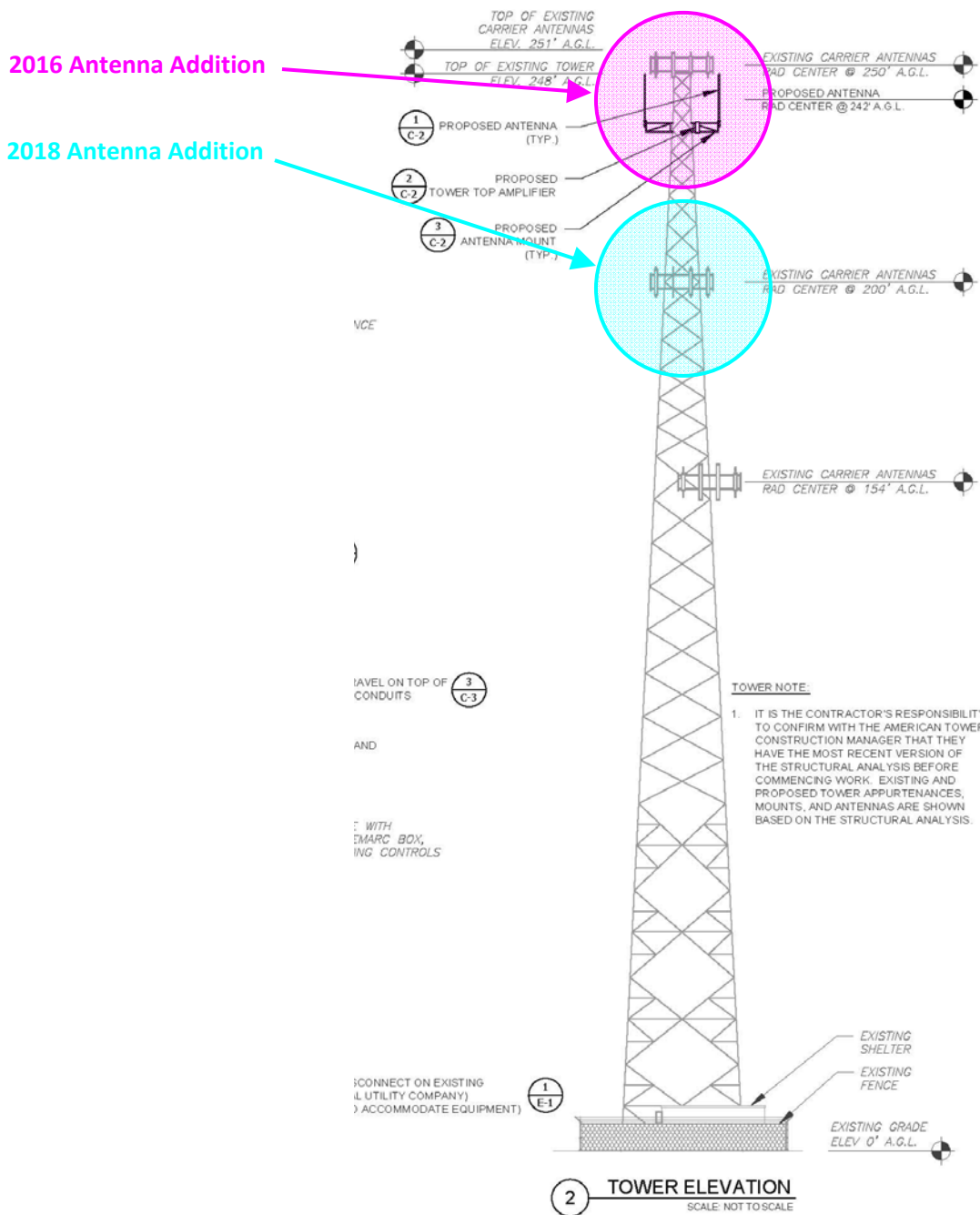
Acreage: *4.51 Acres*

5305 Pioneer Creek Drive Aerial Photograph



Discussion:

There is an existing cellular communications tower located on the subject property. The tower was permitted by a conditional use permit (CUP) that was initially granted by the City in 1996. The original CUP allowed up to twelve (12) antennas to be located on the tower. In 2016, the City granted an amendment to the conditional use permit to allow a maximum of thirty-six (36) antennas to be located on the tower. The 2016 approval allowed three (3) additional antennas to be located on the very top bank of antennas on the tower. The applicant is seeking approval to locate three (3) new antennas on the tower which would enhance the signal to users connected to the tower. The location of the proposed antennas is in the second bank of antennas from the top of the tower (see image below). In addition to the proposed antennas, the applicant is proposing to add a new main trunk line cable between the ground mounted equipment and the antenna bank on the tower.



Cellular antennas are permitted as a conditional use permit in the I-Industrial zoning district. Any alteration or expansion of the use requires an amendment to the conditional use permit. The City has established criteria for granting a conditional use permit for antenna towers. The criteria for permitting an antenna tower are as follows:

Antenna towers, provided that:

(a) All antennas and towers shall be in compliance with all state building and electrical code requirements and as applicable shall require related permits. Applications to erect new antennas and/or towers shall be accompanied by any required federal, state, or local agency licenses;

(b) Structural design, mounting and installation of the antenna shall be in compliance with manufacturer's specifications and as may be necessary, as determined by the City Engineer, shall be verified and approved by a professional engineer;

(c) When applicable, written authorization for antenna and/or tower erection shall be provided by the property owner;

(d) Antennas and/or towers shall not be artificially illuminated unless required by law or by a governmental agency to protect the public's health and safety;

(e) If a new tower of 75 feet or greater in height is to be constructed, it shall be designed structurally, electrically, and in all respects, to accommodate both the applicant's antennas and antennas for at least one additional use, including but not limited to other personal wireless service communication companies, local police, fire and ambulance companies. Towers shall be designed to allow for future rearrangement of antennas upon the tower and to accept antennas mounted at varying heights;

(f) Towers shall be painted a non-contrasting color consistent with the surrounding area such as blue, gray, brown, or silver or have a galvanized finish to reduce visual impact, unless otherwise required by a governmental agency;

(g) All antennas and towers shall be reasonably posted and secured to protect against trespass, including appropriate measures to prevent unauthorized persons from climbing any tower;

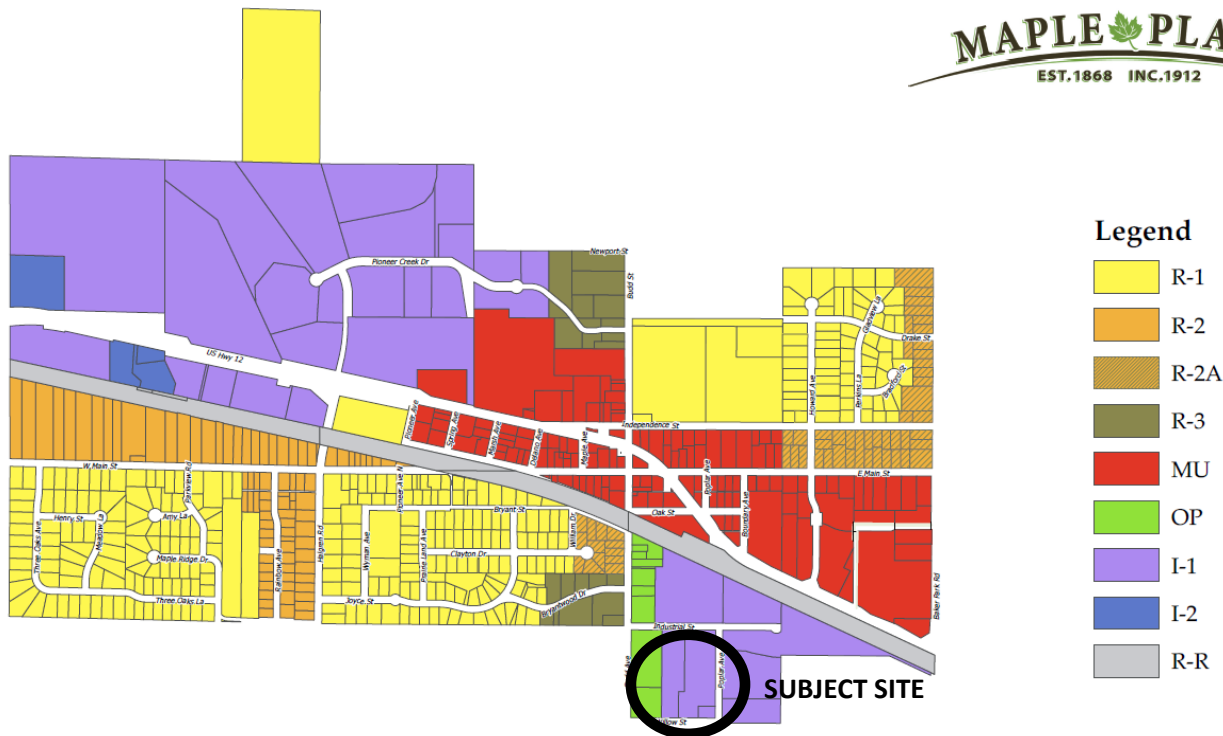
(h) Towers shall comply with all applicable Federal Aviation Administration (FAA) regulations;

(i) All towers, antenna support structures, and related equipment or structures shall be kept and maintained in good condition, order, and repair so as not to menace or endanger the life or property of any person; and

(j) The city shall have authority to enter onto the property upon which a tower is located to inspect the tower for the purpose of determining whether it complies with the State Building Code and all other construction standards provided by the city's code, federal and state law. The city reserves the right to conduct such inspections at any time, upon reasonable notice to the owner. All expenses related to such inspecting by the city shall be borne by the owner

The proposed additional antennas and cable would be located in a manner that appears to have little impact on the surrounding properties. The additional antennas are being located "in line" with the existing antenna bank and would likely be difficult to recognize as new given the number and height of the existing antennas. The existing tower is located on a heavily used industrial property. The proposed tower has a wide array of existing antennas. The applicant has included a structural analysis which confirms that the

tower can support the additional antennas as proposed. Planning Commissioners will need to consider whether or not the proposed expansion of the base equipment and additional antennas will have any additional impacts on the surrounding properties.



Recommendation:

Staff is seeking the direction of the Planning Commission relating to the request for an amendment to the conditional use permit. Should the Planning Commission consider recommending approval, the following conditions should be considered:

1. The proposed conditional use permit amendment meets all applicable conditions, criteria and restrictions stated in the City of Maple Plain Zoning Ordinance.
2. The Conditional Use Permit Amendment shall include the following conditions:
 - a. The ground equipment and antennas shall be installed in accordance with the approved site plans and tower elevations.
 - b. Any expansion of the existing ground equipment, buildings or antenna will be subject to the City's review and an amendment to the conditional use permit.

- c. The City can administratively approve replacement of existing antennas as long as the size and location are consistent with the existing equipment. Any expansion or increase to the size or area of the existing antennas or similar mounted transmission equipment, ground equipment, buildings or number of antennas will be subject to the City's review and require an amendment to the conditional use permit.
3. The Applicant shall pay for all costs associated with the City's review of the conditional use permit amendment.

Attachments:

1. Aerial Images
2. Tower plans
3. Structural Analysis

Image of Tower and Base Buildings



PROJECT : LTE 3C
SITE # : MNL01443
FA # : 10116086
PTN # : 3511A0C076
PACE # : MRUMW021618
ATC ASSET#: 305842
JURISDICTION : CITY OF MAPLE PLAIN

SITE NAME : MAPLE PLAIN
ADDRESS : 5115 INDUSTRIAL STREET
MAPLE PLAIN, MN 55359

T1	TITLE SHEET
SP1	NOTES & SPECIFICATIONS
A1	COMPOUND PLAN
A2	EQUIPMENT PLAN
A3	TOWER ELEVATION
A4	ANTENNA PLAN
A5	ANTENNA & CABLE CONFIGURATION
A6	ANTENNA, RRH AND MOUNTING DETAILS
A7	CABLE NOTES & COLOR CODING
E1	GROUNDING DETAILS

THIS IS NOT AN ALL INCLUSIVE LIST. CONTRACTOR SHALL UTILIZE SPECIFIED EQUIPMENT PART OR ENGINEER APPROVED EQUIVALENT. CONTRACTOR SHALL VERIFY ALL NEEDED EQUIPMENT TO PROVIDE A FUNCTIONAL SITE. THE PROJECT GENERALLY CONSISTS OF THE FOLLOWING:

LTE 3C SCOPE:

- INSTALL (3) PROPOSED AT&T LTE 3C (WCS) RRH'S WITH BACK TO BACK MOUNTS.
(1) PER SECTOR IN POSITION 2.
(TYP. OF 3 SECTORS)
- INSTALL (1) PROPOSED RAYCAP FC12-PC6-10E.
- INSTALL (3) PROPOSED RAYCAP DC2.

LTE 3C GROUND SCOPE:

- INSTALL (1) PROPOSED DC TRUNK LINE.
- INSTALL (1) PROPOSED DC12-48-60-0-25E RAYCAP SURGE PROTECTION UNIT.
- INSTALL (3) PROPOSED 15A BREAKERS IN EXISTING POWER PLANT.
- INSTALL (1) PROPOSED RECTIFIER IN EXISTING POWER PLANT.
- INSTALL (1) PROPOSED ABIA.
- SWAP SECTOR FRAMES

- 2015 MINNESOTA STATE BUILDING CODE
- 2014 NATIONAL ELECTRIC CODE
- TIA/EIA-222-G

- THESE DRAWINGS ARE BASED AT&T SCOPING DOCUMENT DATED 11/13/17
- REVISED RFDS PENDING. CONTRACTOR TO USE LATEST VERSION WITH CD'S PER SCOPE OF WORK.

- ALL WORK SHALL BE INSTALLED IN CONFORMANCE WITH CURRENT AT&T CONSTRUCTION INSTALLATION GUIDE.
- EXISTING CONDITIONS WILL BE CHANGED & VERIFIED IN FIELD. IF SIGNIFICANT DEVIATIONS OR DETERIORATION ARE ENCOUNTERED AT THE TIME OF CONSTRUCTION, A REPAIR PERMIT WILL BE OBTAINED & CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY.
- THESE DRAWINGS ARE FULL SIZE & SCALEABLE ON 11"x17" SHEET SIZE.
- STATEMENT THAT COMPLIANCE WITH THE ENERGY CODE IS NOT REQUIRED.
-SCOPE OF WORK DOES NOT INVOLVE MODIFICATIONS TO EXTERIOR ENVELOPE OF BUILDING, HVAC SYSTEMS OR ELECTRICAL LIGHTING.

CONTRACTOR SHALL VERIFY ALL PLANS & EXISTING DIMENSIONS & CONDITIONS ON THE JOB SITE & SHALL IMMEDIATELY NOTIFY THE ARCHITECT OR ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.



REVISIONS			
REV.	DATE	DESCRIPTION	INITIALS
A	12/07/17	ISSUED FOR REVIEW	BN
B	01/19/18	ISSUED FOR REVIEW	AR
0	01/25/18	FOR CONSTRUCTION	ST

NOT FOR CONSTRUCTION UNLESS
LABELED AS CONSTRUCTION SET

I HEREBY CERTIFY THAT THIS PLAN,
SPECIFICATION, OR REPORT WAS
PREPARED BY ME OR UNDER MY
DIRECT SUPERVISION AND THAT I AM
A DULY LICENSED PROFESSIONAL
ARCHITECT UNDER THE LAWS OF THE
STATE OF MINNESOTA.

PRINT NAME: NESTOR POPOWYCH

SIGNATURE:

DATE: 01/26/18 LICENSE # 47725

EXP. 06/30/18

LTE 3C
10116086
MAPLE PLAIN
5115 INDUSTRIAL STREET
MAPLE PLAIN, MN 55359

SHEET TITLE

TITLE SHEET

SHEET NUMBER

T1



DIRECTIONS FROM: 901 SOUTH MARQUETTE AVENUE, MINNEAPOLIS, MN 55402

1. ROAD NAME CHANGES TO (N) 9TH ST [9TH ST N]
2. BEAR LEFT (WEST) ONTO HAWTHORNE AVE
3. ROAD NAME CHANGES TO W LINDEN AVE
4. TAKE RAMP (LEFT) ONTO I-394 [WAYZATA BLVD]
5. ROAD NAME CHANGES TO US-12
6. BEAR LEFT (WEST) ONTO CR-19 [MAIN ST E]
7. TURN LEFT (SOUTH) ONTO CR-19 [BUDD AVE]
8. TURN LEFT (EAST) ONTO INDUSTRIAL ST
9. ARRIVE AT DESTINATION



Know what's **below**.
Call before you dig.

TO OBTAIN LOCATION OF PARTICIPANTS
UNDERGROUND FACILITIES BEFORE YOU
DIG IN MINNESOTA, CALL GOPHER STATE
ONE CALL

**TOLL FREE: 1-800-252-1166 OR
FAX A LOCATE: 1-800-236-4967**

www.gopherstateonecall.org

**MINNESOTA STATUTE
QUIRES MIN OF 48 HOURS
NOTICE BEFORE YOU
EXCAVATE**

THE INFORMATION CONTAINED IN THIS SET OF CONSTRUCTION DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO CARRIER SERVICES IS STRICTLY PROHIBITED.

GENERAL CONSTRUCTION

1. FOR THE PURPOSE OF CONSTRUCTION DRAWINGS, THE FOLLOWING DEFINITIONS SHALL APPLY:
- CONTRACTOR/CM – SAC WIRELESS
SUB–CONTRACTOR – PER TRADE
OWNER – AT&T WIRELESS
2. ALL SITE WORK SHALL BE COMPLETED AS INDICATED ON THE DRAWINGS AND AT&T PROJECT SPECIFICATIONS.
3. GENERAL CONTRACTOR SHALL VISIT THE SITE AND SHALL FAMILIARIZE HIMSELF WITH ALL CONDITIONS AFFECTING THE PROPOSED WORK AND SHALL MAKE PROVISIONS. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR FAMILIARIZING HIMSELF WITH ALL CONTRACT DOCUMENTS, FIELD CONDITIONS, DIMENSIONS, AND CONFIRMING THAT THE WORK MAY BE ACCOMPLISHED AS SHOWN PRIOR TO PROCEEDING WITH CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.
4. ALL MATERIALS FURNISHED AND INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES. GENERAL CONTRACTOR SHALL ISSUE ALL APPROPRIATE NOTICES AND COMPLY WITH ALL LAWS, ORDINANCES, RULES, REGULATIONS, AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY REGARDING THE PERFORMANCE OF WORK.
5. ALL WORK CARRIED OUT SHALL COMPLY WITH ALL APPLICABLE MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS AND LOCAL JURISDICTIONAL CODES, ORDINANCES, AND APPLICABLE REGULATIONS.
6. UNLESS NOTED OTHERWISE, THE WORK SHALL INCLUDE FURNISHING MATERIALS, EQUIPMENT, APPURTENANCES, AND LABOR NECESSARY TO COMPLETE ALL INSTALLATIONS AS INDICATED ON THE DRAWINGS.
7. PLANS ARE NOT TO BE SCALED. THESE PLANS ARE INTENDED TO BE A DIAGRAMMATIC OUTLINE ONLY UNLESS OTHERWISE NOTED. DIMENSIONS SHOWN ARE TO FINISH SURFACES UNLESS OTHERWISE NOTED. SPACING BETWEEN EQUIPMENT IS THE MINIMUM REQUIRED CLEARANCE. THEREFORE, IT IS CRITICAL TO FIELD VERIFY DIMENSIONS, SHOULD THERE BE ANY QUESTIONS REGARDING THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A CLARIFICATION FROM THE ENGINEER PRIOR TO PROCEEDING WITH THE WORK. DETAILS ARE INTENDED TO SHOW DESIGN INTENT. MODIFICATIONS MAY BE REQUIRED TO SUIT JOB DIMENSIONS OR CONDITIONS AND SUCH MODIFICATIONS SHALL BE INCLUDED AS PART OF WORK AND PREPARED BY THE ENGINEER PRIOR TO PROCEEDING WITH WORK.
8. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS UNLESS SPECIFICALLY STATED OTHERWISE.
9. IF THE SPECIFIED EQUIPMENT CANNOT BE INSTALLED AS SHOWN ON THESE DRAWINGS, THE CONTRACTOR SHALL PROPOSE AN ALTERNATIVE INSTALLATION SPACE FOR APPROVAL BY THE ENGINEER PRIOR TO PROCEEDING.
10. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF WORK AREA, ADJACENT AREAS AND BUILDING OCCUPANTS THAT ARE LIKELY TO BE AFFECTED BY THE WORK UNDER THIS CONTRACT. WORK SHALL CONFIRM TO ALL OSHA REQUIREMENTS AND THE LOCAL JURISDICTION.
11. GENERAL CONTRACTOR SHALL COORDINATE WORK AND SCHEDULE WORK ACTIVITIES WITH OTHER DISCIPLINES.
12. ERECTION SHALL BE DONE IN A WORKMANLIKE MANNER BY COMPETENT EXPERIENCED WORKMAN IN ACCORDANCE WITH APPLICABLE CODES AND THE BEST ACCEPTED PRACTICE. ALL MEMBERS SHALL BE LAID PLUMB AND TRUE AS INDICATED ON THE DRAWINGS.
13. SEAL PENETRATIONS THROUGH FIRE RATED AREAS WITH UL LISTED MATERIALS APPROVED BY LOCAL JURISDICTION. CONTRACTOR SHALL KEEP AREA CLEAN, HAZARD FREE, AND DISPOSE OF ALL DEBRIS.
14. WORK PREVIOUSLY COMPLETED IS REPRESENTED BY LIGHT SHADED LINES AND NOTES. THE SCOPE OF WORK FOR THIS PROJECT IS REPRESENTED BY DARK SHADED LINES AND NOTES. CONTRACTOR SHALL NOTIFY THE GENERAL CONTRACTOR OF ANY EXISTING CONDITIONS THAT DEViate FROM THE DRAWINGS PRIOR TO BEGINNING CONSTRUCTION.
15. CONTRACTOR SHALL PROVIDE WRITTEN NOTICE TO THE CONSTRUCTION MANAGER 48 HOURS PRIOR TO COMMENCEMENT OF WORK.
16. THE CONTRACTOR SHALL PROTECT EXISTING IMPROVEMENTS, PAVEMENTS, CURBS, LANDSCAPING AND STRUCTURES. ANY DAMAGED PART SHALL BE REPAIRED AT CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE OWNER.
17. THE CONTRACTOR SHALL CONTACT UTILITY LOCATING SERVICES PRIOR TO THE START OF CONSTRUCTION.
18. GENERAL CONTRACTOR SHALL COORDINATE AND MAINTAIN ACCESS FOR ALL TRADES AND CONTRACTORS TO THE SITE AND/OR BUILDING.
19. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR SECURITY OF THE SITE FOR THE DURATION OF CONSTRUCTION UNTIL JOB COMPLETION.
20. THE GENERAL CONTRACTOR SHALL MAINTAIN IN GOOD CONDITION ONE COMPLETE SET OF PLANS WITH ALL REVISIONS, ADDENDA, AND CHANGE ORDERS ON THE PREMISES AT ALL TIMES.
21. THE GENERAL CONTRACTOR SHALL PROVIDE PORTABLE FIRE EXTINGUISHERS WITH A RATING OF NOT LESS THAN 2–A:OT 2–A:10–B:C AND SHALL BE WITHIN 25 FEET OF TRAVEL DISTANCE TO ALL PORTIONS OF WHERE THE WORK IS BEING COMPLETED DURING CONSTRUCTION.
22. ALL EXISTING ACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES SHALL BE PROTECTED AT ALL TIMES, AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY THE ENGINEER. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN EXCAVATING OR DRILLING PIERS AROUND OR NEAR UTILITIES. CONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THE WORKING CREW. THIS SHALL INCLUDE BUT NOT BE LIMITED TO A) FALL PROTECTION, B) CONFINED SPACE, C) ELECTRICAL SAFETY, AND D) TRENCHING & EXCAVATION.
23. ALL EXISTING INACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES, WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED, CAPPED, PLUGGED OR OTHERWISE DISCONNECTED AT POINTS WHICH WILL NOT INTERFERE WITH THE

EXECUTION OF THE WORK, AS DIRECTED BY THE RESPONSIBLE ENGINEER, AND SUBJECT TO THE APPROVAL OF THE OWNER AND/OR LOCAL UTILITIES.

24. THE AREAS OF THE OWNER'S PROPERTY DISTURBED BY THE WORK AND NOT COVERED BY THE TOWER, EQUIPMENT OR DRIVEWAY, SHALL BE GRADED TO A UNIFORM SLOPE, AND STABILIZED TO PREVENT EROSION.
25. CONTRACTOR SHALL MINIMIZE DISTURBANCE TO THE EXISTING SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES, IF REQUIRED DURING CONSTRUCTION, SHALL BE IN CONFORMANCE WITH THE FEDERAL AND LOCAL JURISDICTION FOR EROSION AND SEDIMENT CONTROL.
26. NO FILL OR EMBANKMENT MATERIAL SHALL BE PLACED ON FROZEN GROUNDING. FROZEN MATERIALS, SNOW OR ICE SHALL NOT BE PLACED IN ANY FILL OR EMBANKMENT.
27. THE SUBGRADE SHALL BE BROUGHT TO A SMOOTH UNIFORM GRADE AND COMPACTED TO 95 PERCENT STANDARD PROCTOR DENSITY UNDER PAVEMENT AND STRUCTURES AND 80 PERCENT STANDARD PROCTOR DENSITY IN OPEN SPACE. ALL TRENCHES IN PUBLIC RIGHT OF WAY SHALL BE BACKFILLED WITH FLOWABLE FILL OR OTHER MATERIAL PRE–APPROVED BY THE LOCAL JURISDICTION.
28. ALL NECESSARY RUBBISH, STUMPS, DEBRIS, STICKS, STONES, AND OTHER REFUSE SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A LAWFUL MANNER.
29. ALL BROCHURES, OPERATING AND MAINTENANCE MANUALS, CATALOGS, SHOP DRAWINGS, AND OTHER DOCUMENTS SHALL BE TURNED OVER TO THE GENERAL CONTRACTOR AT COMPLETION OF CONSTRUCTION AND PRIOR TO PAYMENT.
30. CONTRACTOR SHALL SUBMIT A COMPLETE SET OF AS–BUILT REDLINES TO THE GENERAL CONTRACTOR UPON COMPLETION OF PROJECT AND PRIOR TO FINAL PAYMENT.
31. CONTRACTOR SHALL LEAVE PREMISES IN A CLEAN CONDITION.
32. THE PROPOSED FACILITY WILL BE UNMANNED AND DOES NOT REQUIRE POTABLE WATER OR SEWER SERVICE, AND IS NOT FOR HUMAN HABITAT (NO HANDICAP ACCESS REQUIRED).
33. OCCUPANCY IS LIMITED TO PERIODIC MAINTENANCE AND INSPECTION, APPROXIMATELY 2 TIMES PER MONTH, BY AT&T TECHNICIANS.
34. NO OUTDOOR STORAGE OR SOLID WASTE CONTAINERS ARE PROPOSED.
35. ALL MATERIAL SHALL BE FURNISHED AND WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST REVISION AT&T MOBILITY GROUNDING STANDARD "TECHNICAL SPECIFICATION FOR CONSTRUCTION OF GSM/GPRS WIRELESS SITES" AND "TECHNICAL SPECIFICATION FOR FACILITY GROUNDING". IN CASE OF A CONFLICT BETWEEN THE CONSTRUCTION SPECIFICATION AND THE DRAWINGS, THE DRAWINGS SHALL GOVERN.
36. CONTRACTORS SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS REQUIRED FOR CONSTRUCTION. IF CONTRACTOR CANNOT OBTAIN A PERMIT, THEY MUST NOTIFY THE GENERAL CONTRACTOR IMMEDIATELY.
37. CONTRACTOR SHALL REMOVE ALL TRASH AND DEBRIS FROM THE SITE ON A DAILY BASIS.
38. INFORMATION SHOWN ON THESE DRAWINGS WAS OBTAINED FROM SITE VISITS AND/OR DRAWINGS PROVIDED BY THE SITE OWNER. CONTRACTORS SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIAL OR PROCEEDING WITH CONSTRUCTION.
39. NO WHITE STROBE LIGHTS ARE PERMITTED. LIGHTING IF REQUIRED, WILL MEET FAA STANDARDS AND REQUIREMENTS.
- ANTENNA MOUNTING**
40. DESIGN AND CONSTRUCTION OF ANTENNA SUPPORTS SHALL CONFORM TO CURRENT ANSI/TIA–222 OR APPLICABLE LOCAL CODES.
41. ALL STEEL MATERIALS SHALL BE GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123 "ZINC (HOT–DIP GALVANIZED) COATINGS ON IRON AND STEEL PRODUCTS", UNLESS NOTED OTHERWISE.
42. ALL BOLTS, ANCHORS AND MISCELLANEOUS HARDWARE SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A153 "ZINC–COATING (HOT–DIP) ON IRON AND STEEL HARDWARE", UNLESS NOTED OTHERWISE.
43. DAMAGED GALVANIZED SURFACES SHALL BE REPAIRED BY COLD GALVANIZING IN ACCORDANCE WITH ASTM A780.
44. ALL ANTENNA MOUNTS SHALL BE INSTALLED WITH LOCK NUTS, DOUBLE NUTS AND SHALL BE TORQUED TO MANUFACTURER'S RECOMMENDATIONS.
45. CONTRACTOR SHALL INSTALL ANTENNA PER MANUFACTURER'S RECOMMENDATION FOR INSTALLATION AND GROUNDING.
46. ALL UNUSED PORTS ON ANY ANTENNAS SHALL BE TERMINATED WITH A 50–OHM LOAD TO ENSURE ANTENNAS PERFORM AS DESIGNED.
47. PRIOR TO SETTING ANTENNA AZIMUTHS AND DOWNTILTS, ANTENNA CONTRACTOR SHALL CHECK THE ANTENNA MOUNT FOR TIGHTNESS AND ENSURE THAT THEY ARE PLUMB. ANTENNA AZIMUTHS SHALL BE SET FROM TRUE NORTH AND BE ORIENTED WITHIN +/- 5% AS DEFINED BY THE RFDS. ANTENNA DOWNTILTS SHALL BE WITHIN +/- 0.5% AS DEFINED BY THE RFDS. REFER TO ND–00246.
48. JUMPERS FROM THE TMA'S MUST TERMINATE TO OPPOSITE POLARIZATION'S IN EACH SECTOR.
49. CONTRACTOR SHALL RECORD THE SERIAL #, SECTOR, AND POSITION OF EACH ACTUATOR INSTALLED AT THE ANTENNAS AND PROVIDE THE INFORMATION TO AT&T.
50. TMA'S SHALL BE MOUNTED ON PIPE DIRECTLY BEHIND ANTENNAS AS CLOSE TO ANTENNA AS FEASIBLE IN A VERTICAL POSITION.
- TORQUE REQUIREMENTS**
51. ALL RF CONNECTIONS SHALL BE TIGHTENED BY A TORQUE WRENCH.

52. ALL RF CONNECTIONS, GROUNDING HARDWARE AND ANTENNA HARDWARE SHALL HAVE A TORQUE MARK INSTALLED IN A CONTINUOUS STRAIGHT LINE FROM BOTH SIDES OF THE CONNECTION.
- A. RF CONNECTION BOTH SIDES OF THE CONNECTOR.
B. GROUNDING AND ANTENNA HARDWARE ON THE NUT SIDE STARTING FROM THE THREADS TO THE SOLID SURFACE. EXAMPLE OF SOLID SURFACE: GROUND BAR, ANTENNA BRACKET METAL.

FIBER & POWER CABLE MOUNTING

53. THE FIBER OPTIC TRUNK CABLES SHALL BE INSTALLED INTO CONDUITS, CHANNEL CABLE TRAYS, OR CABLE TRAY. WHEN INSTALLING FIBER OPTIC TRUNK CABLES INTO A CABLE TRAY SYSTEM, THEY SHALL BE INSTALLED INTO AN INTER DUCT AND A PARTITION BARRIER SHALL BE INSTALLED BETWEEN THE 600 VOLT CABLES AND THE INTER DUCT IN ORDER TO SEGREGATE CABLE TYPES. OPTIC FIBER TRUNK CABLES SHALL HAVE APPROVED CABLE RESTRAINTS EVERY (60) SIXTY FEET AND SECURELY FASTENED TO THE CABLE TRAY SYSTEM. NFPA 70 (NEC) ARTICLE 770 RULES SHALL APPLY.
54. THE TYPE TC–ER CABLES SHALL BE INSTALLED INTO CONDUITS, CHANNEL CABLE TRAYS, OR CABLE TRAY AND SHALL BE SECURED AT INTERVALS NOT EXCEEDING (6) SIX FEET. AN EXCEPTION; WHERE TYPE TC–ER CABLES ARE NOT SUBJECT TO PHYSICAL DAMAGE, CABLES SHALL BE PERMITTED TO MAKE A TRANSITION BETWEEN CONDUITS, CHANNEL CABLE TRAYS, OR CABLE TRAY WHICH ARE SERVING UTILIZATION EQUIPMENT OR DEVICES, A DISTANCE (6) SIX FEET SHALL NOT BE EXCEEDED WITHOUT CONTINUOUS SUPPORTING. NFPA 70 (NEC) ARTICLES 336 AND 392 RULES SHALL APPLY.
55. WHEN INSTALLING OPTIC FIBER TRUNK CABLES OR TYPE TC–ER CABLES INTO CONDUITS, NFPA 70 (NEC) ARTICLE 300 RULES SHALL APPLY.

56–61 RESERVED FOR ADDITIONAL NOTES.

COAXIAL CABLE NOTES

62. TYPES AND SIZES OF THE ANTENNA CABLE ARE BASED ON ESTIMATED LENGTHS. PRIOR TO ORDERING CABLE, CONTRACTOR SHALL VERIFY ACTUAL LENGTH BASED ON CONSTRUCTION LAYOUT AND NOTIFY THE PROJECT MANAGER IF ACTUAL LENGTHS EXCEED ESTIMATED LENGTHS.
63. CONTRACTOR SHALL VERIFY THE DOWN–TILT OF EACH ANTENNA WITH A DIGITAL LEVEL.
64. CONTRACTOR SHALL CONFIRM COAX COLOR CODING PRIOR TO CONSTRUCTION.
65. ALL JUMPERS TO THE ANTENNAS FROM THE MAIN TRANSMISSION LINE SHALL BE 1/2" DIA. LDF AND SHALL NOT EXCEED 6'–0".
66. ALL COAXIAL CABLE SHALL BE SECURED TO THE DESIGNED SUPPORT STRUCTURE, IN AN APPROVED MANNER, AT DISTANCES NOT TO EXCEED 4'–0" OC.
67. CONTRACTOR SHALL FOLLOW ALL MANUFACTURER'S RECOMMENDATIONS REGARDING BOTH THE INSTALLATION AND GROUNDING OF ALL COAXIAL CABLES, CONNECTORS, ANTENNAS, AND ALL OTHER EQUIPMENT.
68. CONTRACTOR SHALL GROUND ALL EQUIPMENT. INCLUDING ANTENNAS, RET MOTORS, TMA'S, COAX CABLES, AND RET CONTROL CABLES AS A COMPLETE SYSTEM. GROUNDING SHALL BE EXECUTED BY QUALIFIED WIREMEN IN COMPLIANCE WITH MANUFACTURER'S SPECIFICATION AND RECOMMENDATION.
69. CONTRACTOR SHALL PROVIDE STRAIN–RELIEF AND CABLE SUPPORTS FOR ALL CABLE ASSEMBLIES, COAX CABLES, AND RET CONTROL CABLES. CABLE STRAIN–RELIEFS AND CABLE SUPPORTS SHALL BE APPROVED FOR THE PURPOSE. INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND RECOMMENDATIONS.
70. CONTRACTOR TO VERIFY THAT EXISTING COAX HANGERS ARE STACKABLE SNAP IN HANGERS. IF EXISTING HANGERS ARE NOT STACKABLE SNAP IN HANGERS THE CONTRACTOR SHALL REPLACE EXISTING HANGERS WITH NEW SNAP IN HANGERS IF APPLICABLE.

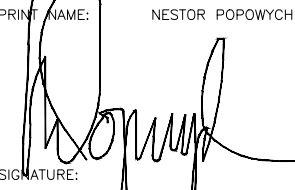
- GENERAL CABLE AND EQUIPMENT NOTES**
71. CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY ANTENNA, TMA'S, DIPLEXERS, AND COAX CONFIGURATION, MAKE AND MODELS PRIOR TO INSTALLATION.
72. ALL CONNECTIONS FOR HANGERS, SUPPORTS, BRACING, ETC. SHALL BE INSTALLED PER TOWER MANUFACTURER'S RECOMMENDATIONS.
73. CONTRACTOR SHALL REFERENCE THE TOWER STRUCTURAL ANALYSIS/DESIGN DRAWINGS FOR DIRECTIONS ON CABLE DISTRIBUTION/ROUTING.
74. ALL OUTDOOR RF CONNECTORS/CONNECTIONS SHALL BE WEATHERPROOFED. EXCEPT THE RET CONNECTORS, USING BUTYL TAPE AFTER INSTALLATION AND FINAL CONNECTIONS ARE MADE. BUTYL TAPE SHALL HAVE A MINIMUM OF ONE–HALF TAPE WIDTH OVERLAP ON EACH TURN AND EACH LAYER SHALL BE WRAPPED THREE TIMES. WEATHERPROOFING SHALL BE SMOOTH WITHOUT BUCKLING. BUTYL BLEEDING IS NOT ALLOWED.
75. IF REQUIRED TO PAINT ANTENNAS AND/OR COAX:
- A. TEMPERATURE SHALL BE ABOVE 50° F.
B. PAINT COLOR MUST BE APPROVED BY BUILDING OWNER/LANDLORD.
C. FOR REGULATED TOWERS, FAA/FCC APPROVED PAINT IS REQUIRED.
D. DO NOT PAINT OVER COLOR CODING OR ON EQUIPMENT MODEL NUMBERS.
76. ALL CABLES SHALL BE GROUNDED WITH COAXIAL CABLE GROUND KITS. FOLLOW THE MANUFACTURER'S RECOMMENDATIONS.
- A. GROUNDING AT THE ANTENNA LEVEL.
B. GROUNDING AT MID LEVEL, TOWERS WHICH ARE OVER 200'–0", ADDITIONAL CABLE GROUNDING REQUIRED.
C. GROUNDING AT BASE OF TOWER PRIOR TO TURNING HORIZONTAL.
D. GROUNDING OUTSIDE THE EQUIPMENT SHELTER AT ENTRY PORT.
E. GROUNDING INSIDE THE EQUIPMENT SHELTER AT THE ENTRY PORT.
77. ALL PROPOSED GROUND BAR DOWNLEADS ARE TO BE TERMINATED TO THE EXISTING ADJACENT GROUND BAR DOWNLEADS A MINIMUM DISTANCE OF 4'–0" BELOW GROUND BAR. TERMINATIONS MAY BE EXOTHERMIC OR COMPRESSION.



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PRINT NAME: NESTOR POPOWYCH



SIGNATURE:

DATE:01/26/18 LICENSE # 47725

EXP. 06/30/18

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10116086
MAPLE PLAIN
5115 INDUSTRIAL STREET
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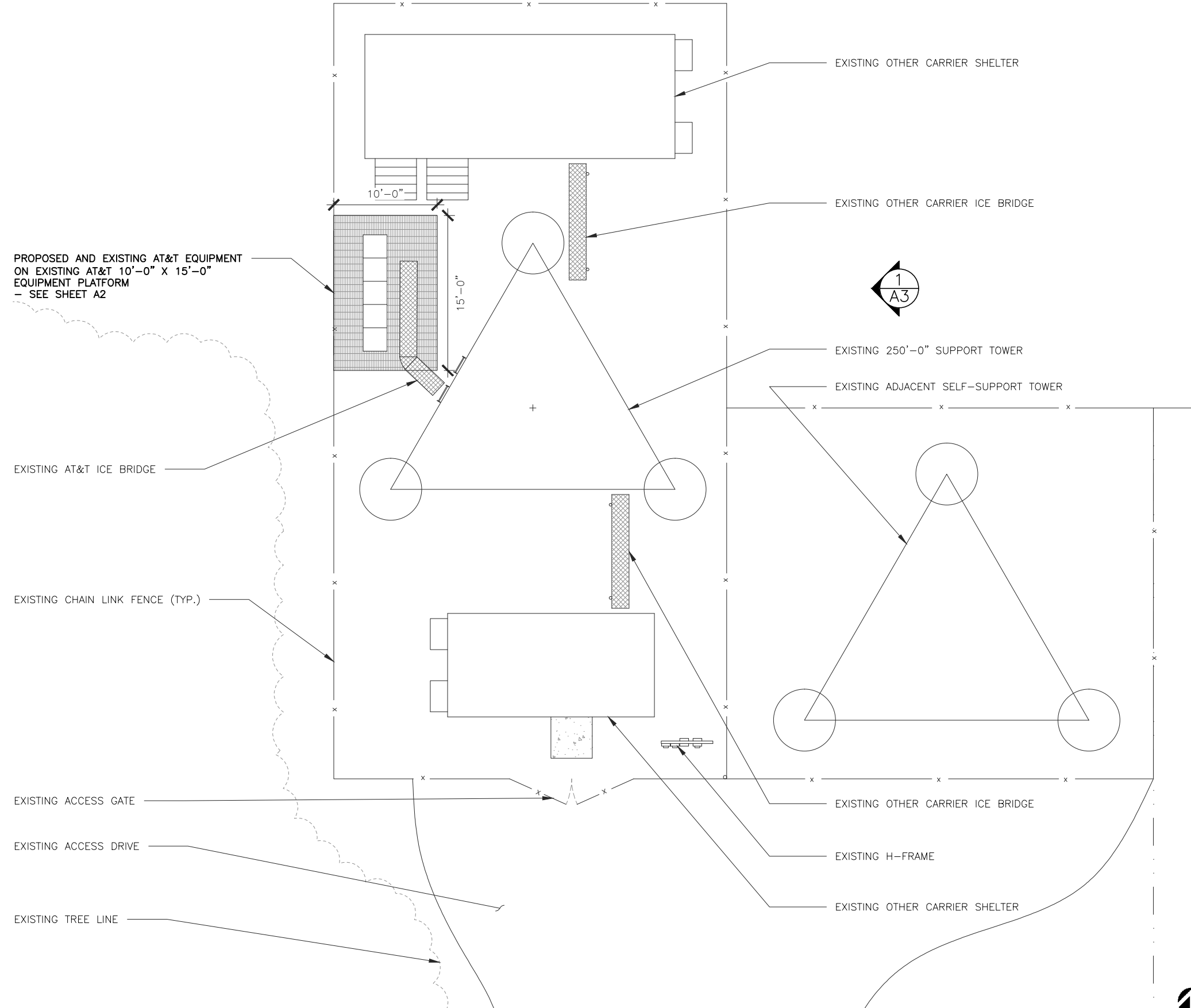
SHEET TITLE

NOTES &
SPECIFICATIONS

SHEET NUMBER

SP1

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SITE PHOTO 2

2



SITE PHOTO 1

1

930 NATIONAL PARKWAY
SCHAUMBURG, IL 60173

540 W. MADISON ST.
16TH FLOOR
CHICAGO, IL 60661
WWW.SACW.COM
312.895.4977

540 W. MADISON ST.
16TH FLOOR
CHICAGO, IL 60661
WWW.SACW.COM
312.895.4977

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SHEET TITLE

COMPOUND
PLAN

SHEET NUMBER

A1

COMPOUND PLAN

0 1.5' 3' 5' SCALE: 3/16" = 1'-0" (24x36)
(OR) 3/32" = 1'-0" (11x17)



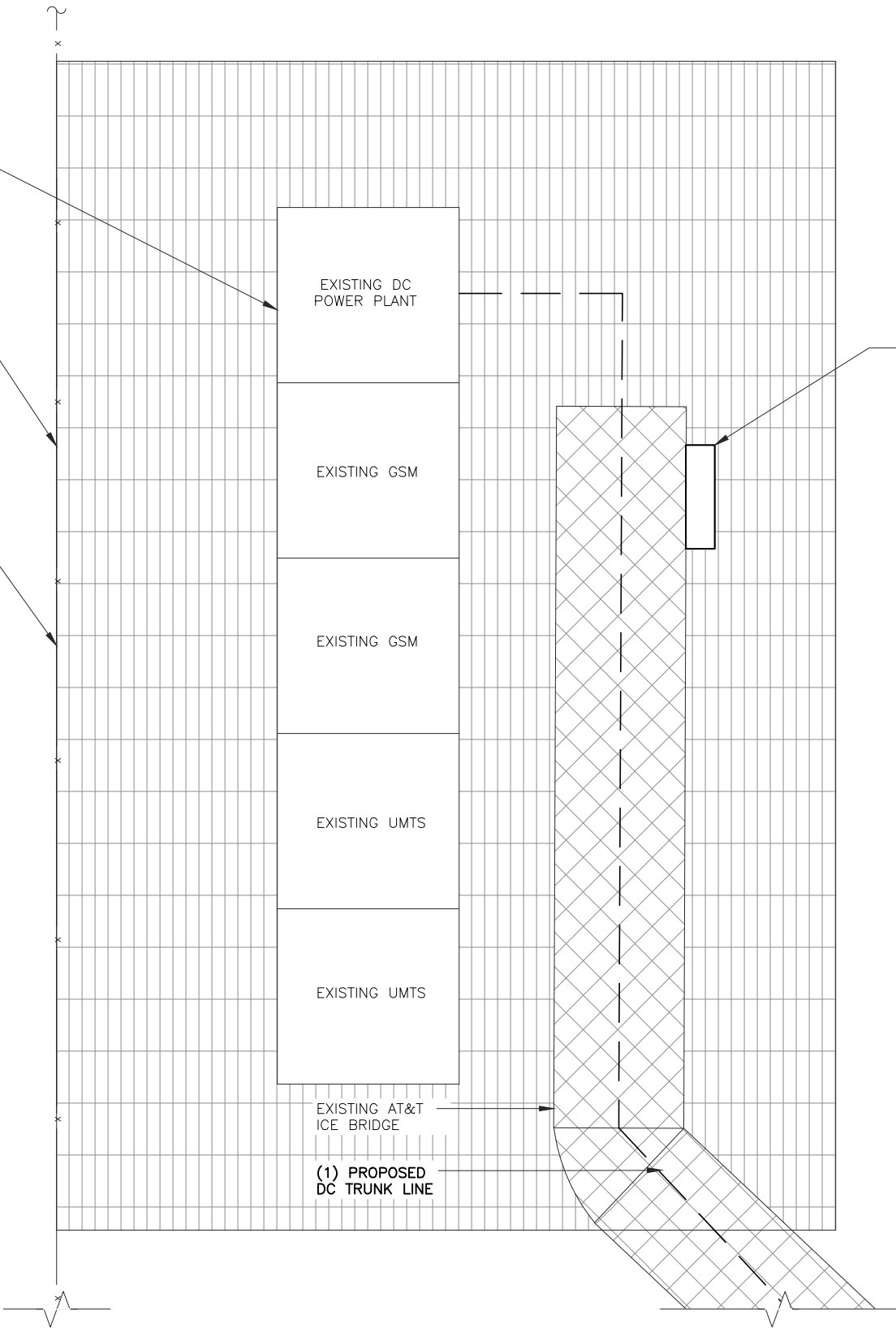
3

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(3) PROPOSED 15A BREAKERS, W/(1)
PROPOSED RECTIFIER TO BE INSTALLED
IN EXISTING POWER PLANT.

PROPOSED AND EXISTING AT&T
EQUIPMENT ON EXISTING AT&T 10'-0"
X 15'-0" EQUIPMENT PLATFORM

EXISTING CHAIN LINK FENCE (TYP.)



(1) PROPOSED DC12-48-60-0-25E
RAYCAP SURGE PROTECTION UNIT

- GROUND SCOPE:**
- INSTALL (1) PROPOSED DC TRUNK LINE.
 - INSTALL (1) PROPOSED DC12-48-60-0-25E RAYCAP SURGE PROTECTION UNIT.
 - INSTALL (3) PROPOSED 15A BREAKERS IN EXISTING POWER PLANT.
 - INSTALL (1) PROPOSED RECTIFIER IN EXISTING POWER PLANT.
 - INSTALL (1) PROPOSED ABIA.
 - SWAP SECTOR FRAMES.



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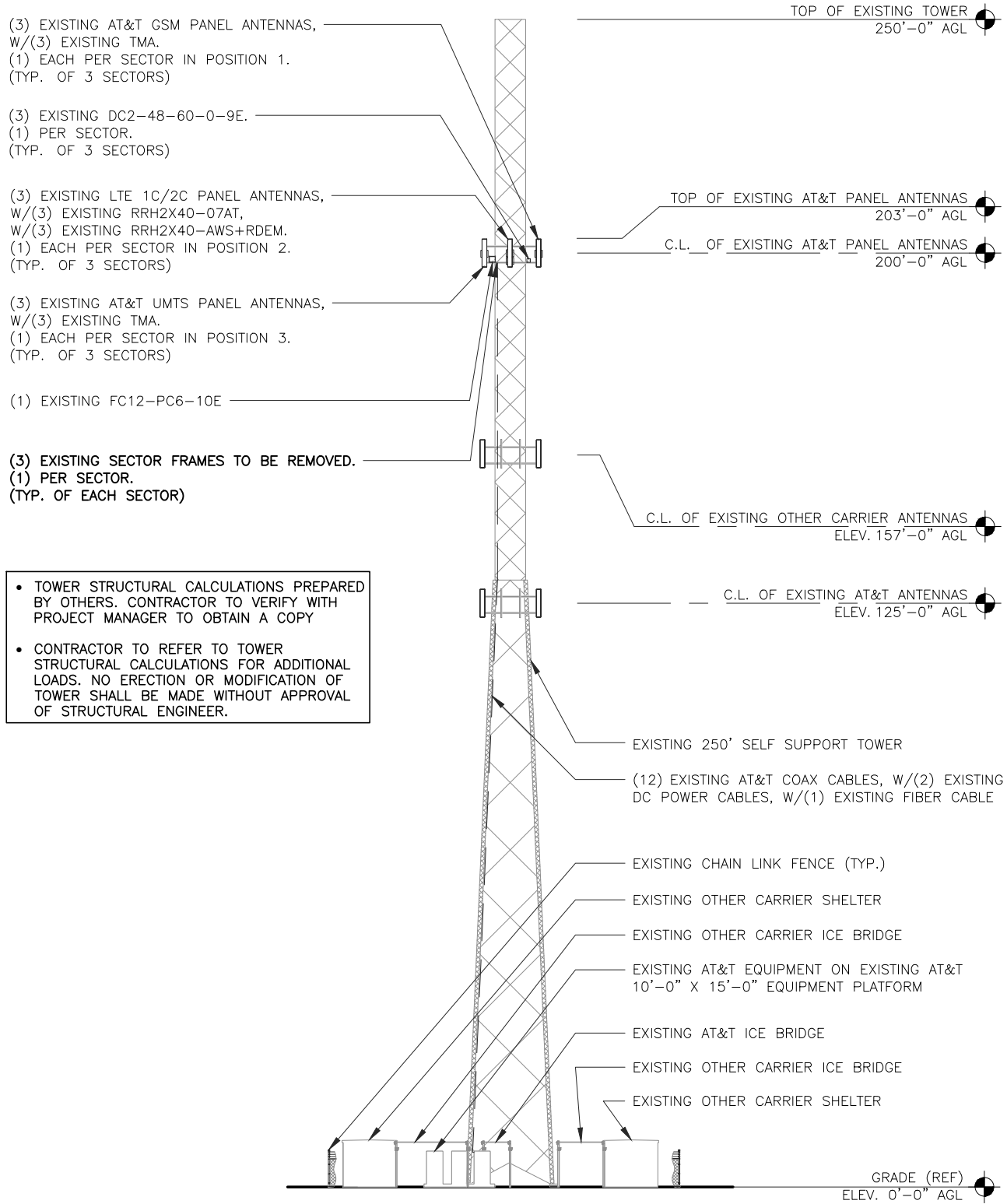
EQUIPMENT
PLAN

SHEET NUMBER

A2



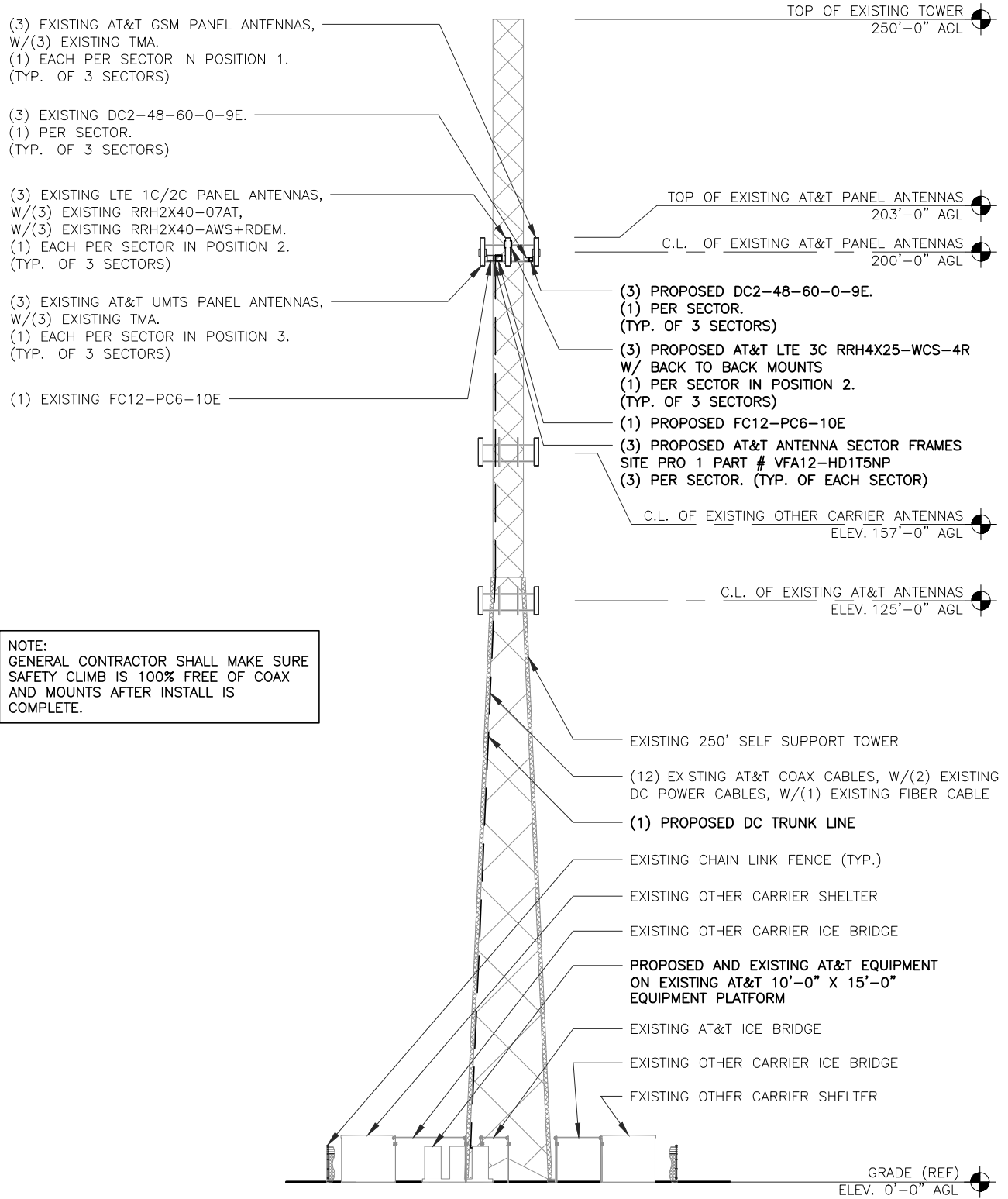
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EXISTING TOWER ELEVATION

0 4' 8' 16' SCALE: 1/16" = 1'-0" (24x36)
(OR) 1/32" = 1'-0" (11x17)

2



PROPOSED TOWER ELEVATION

0 4' 8' 16' SCALE: 1/16" = 1'-0" (24x36)
(OR) 1/32" = 1'-0" (11x17)

1



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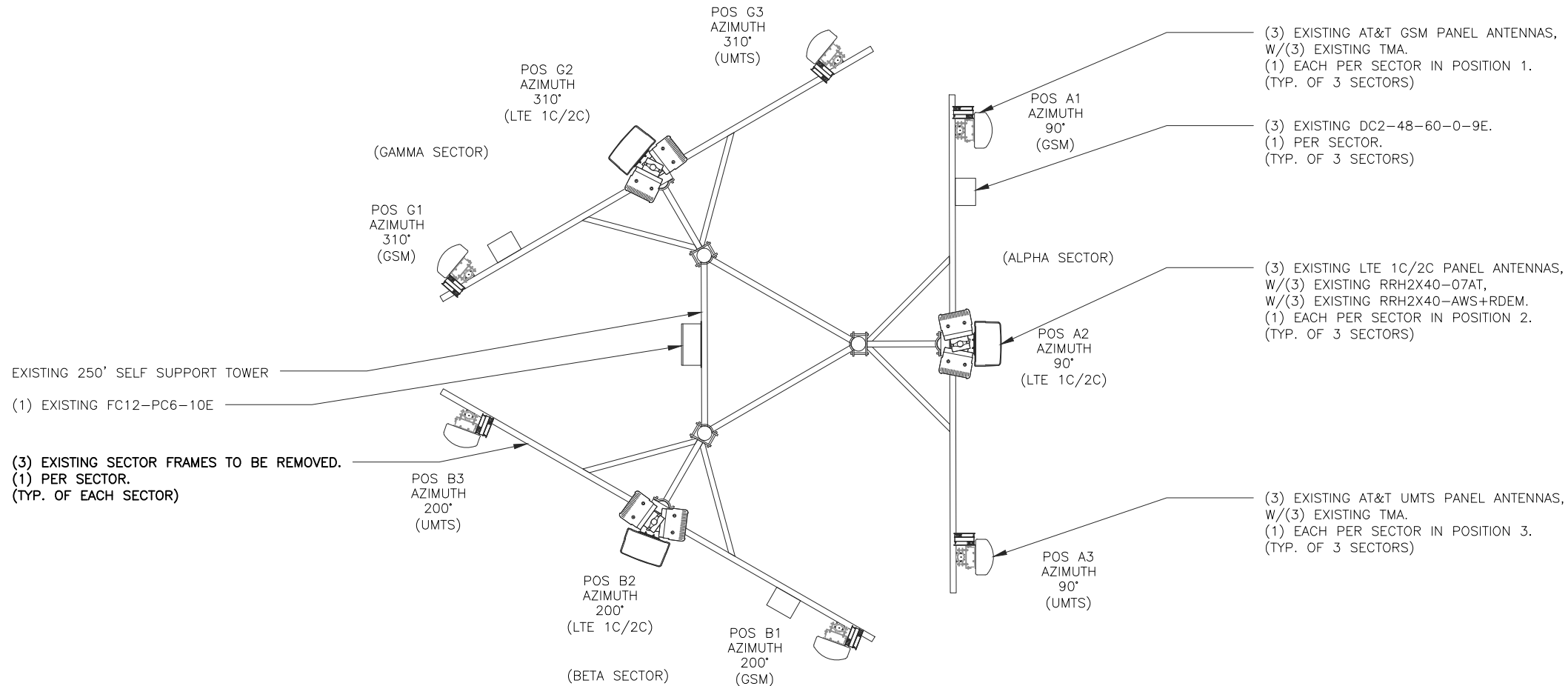
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SHEET TITLE
**TOWER
ELEVATION**

SHEET NUMBER
A3

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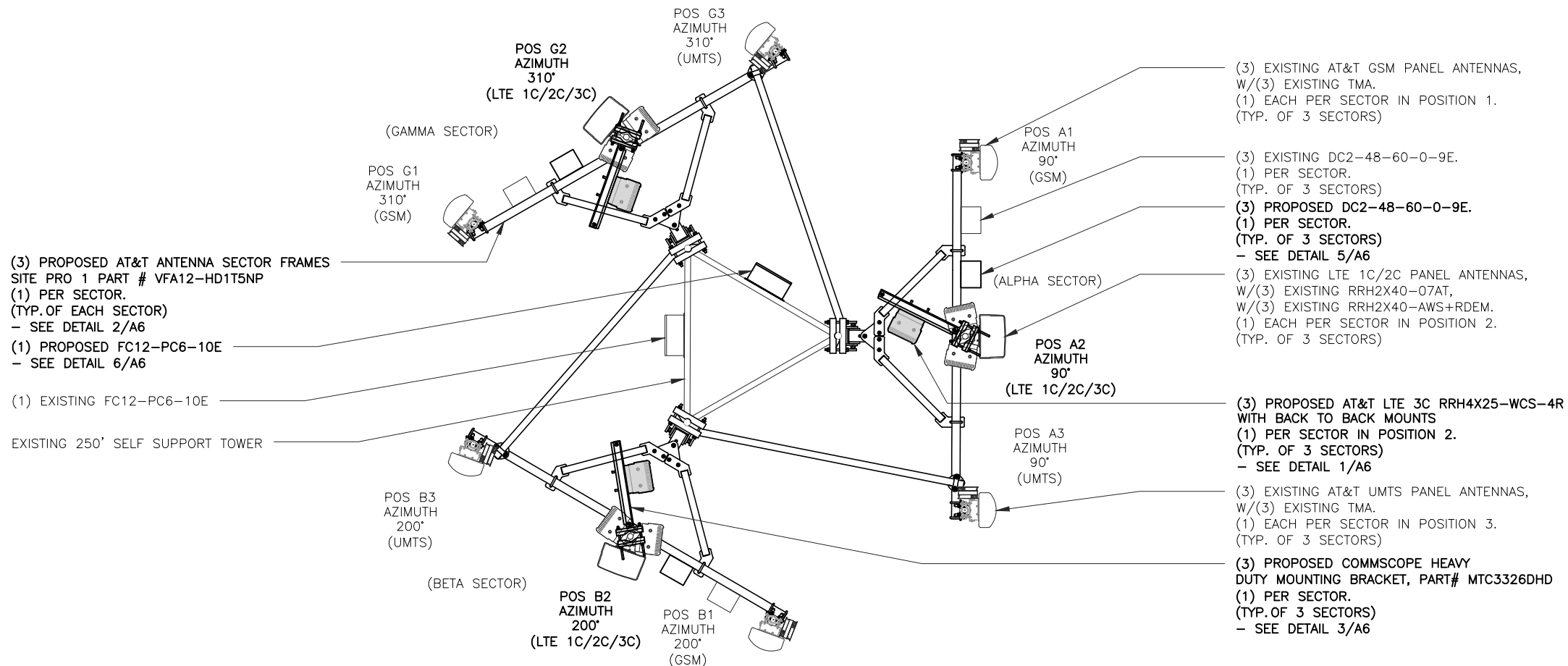


EXISTING ANTENNA PLAN

0 2' 4' 8' SCALE: 1/8" = 1'-0" (24x36) (OR) 1/16" = 1'-0" (11x17)



2



PROPOSED ANTENNA PLAN

0 2' 4' 8' SCALE: 1/8" = 1'-0" (24x36) (OR) 1/16" = 1'-0" (11x17)



1



REVISIONS			
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SHEET TITLE

ANTENNA
PLAN

SHEET NUMBER

A4

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PROPOSED ANTENNA CONFIGURATION AND CABLE SCHEDULE										
SECTOR	POS	TECH	ANTENNA	ANTENNA \angle HEIGHT	AZIMUTH	TMA/RRU MODEL#	DC SURGE AND DISTRIBUTION	CABLE TYPE	CABLE LENGTH (+20%)	DOWNTILTS
A	1	GSM	80010764 (X)	200' AGL	90°		(1) FC12-PC6-10E (X) (1) FC12-PC6-10E (N) (3) DC2-48-60-0-9E (X) (3) DC2-48-60-0-9E (N)	(2) COAX LINES (X)	250'	0
	2	LTE 1C/2C/3C	80010892 (X)		90°	(1) RRH2X40-07AT (X) (1) RRH2X40-AWS+RDEM (X) (1) RRH4X25-WCS-4R (N)		(2) DC TRUNK LINES (X) (1) DC TRUNK LINE (N) (1) FIBER LINE (X)		0
	3	UMTS	80010764 (X)		90°			(2) COAX LINES (X)		0
B	1	GSM	80010764 (X)	200' AGL	200°			(2) COAX LINES (X)	250'	0
	2	LTE 1C/2C/3C	80010892 (X)		200°	(1) RRH2X40-07AT (X) (1) RRH2X40-AWS+RDEM (X) (1) RRH4X25-WCS-4R (N)		DC TRUNK LINES (SHARED W/A2) FIBER LINE (SHARED W/A2)		0
	3	UMTS	80010764 (X)		200°			(2) COAX LINES (X)		0
C	1	GSM	80010764 (X)	200' AGL	310°			(2) COAX LINES (X)	250'	0
	2	LTE 1C/2C/3C	80010892 (X)		310°	(1) RRH2X40-07AT (X) (1) RRH2X40-AWS+RDEM (X) (1) RRH4X25-WCS-4R (N)		DC TRUNK LINES (SHARED W/A2) FIBER LINE (SHARED W/A2)		0
	3	UMTS	80010764 (X)		310°			(2) COAX LINES (X)		0

* INCLUDES SAFETY FACTOR OF 20' FT. (10 FT. AT BOTH ENDS OF CABLE RUN).
CONTRACTOR TO VERIFY RF DATA WITH AT&T WIRELESS CONSTRUCTION MANAGER
AND/OR RF ENGINEER PRIOR TO INSTALLATION

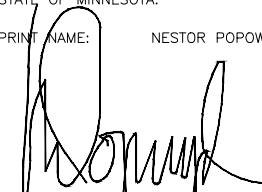
(N) = NEW
(X) = EXISTING
(XR) =
EXISTING/RELOCATED
(E) = ELECTRICAL
(M) = MECHANICAL



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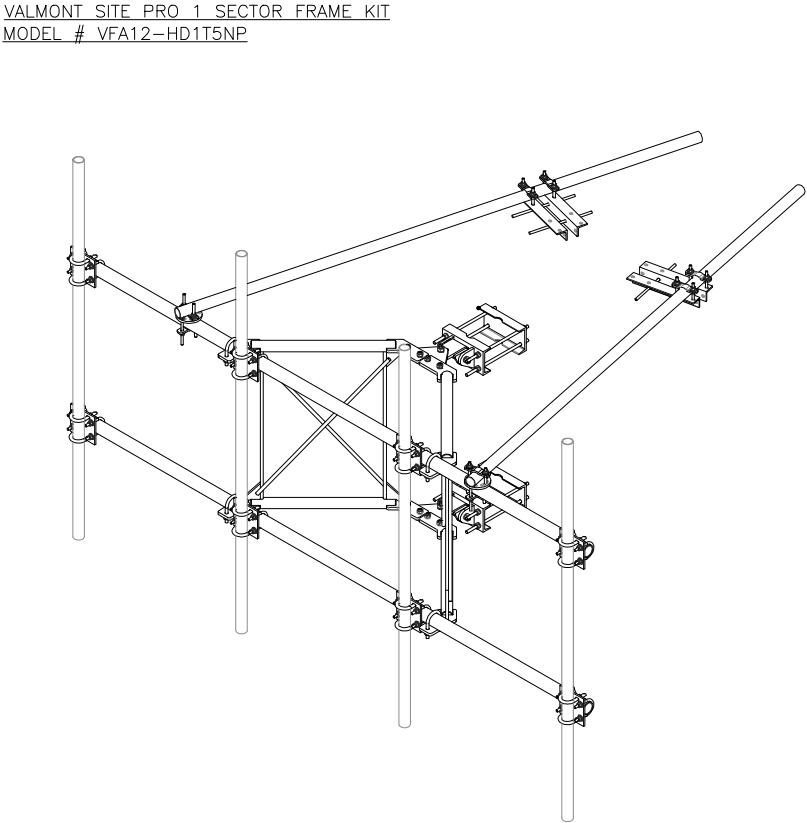
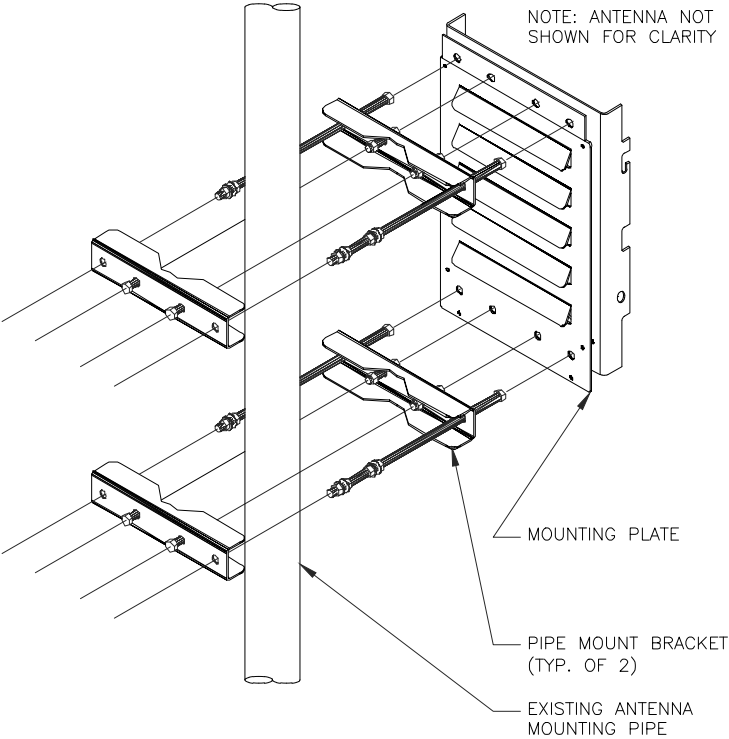
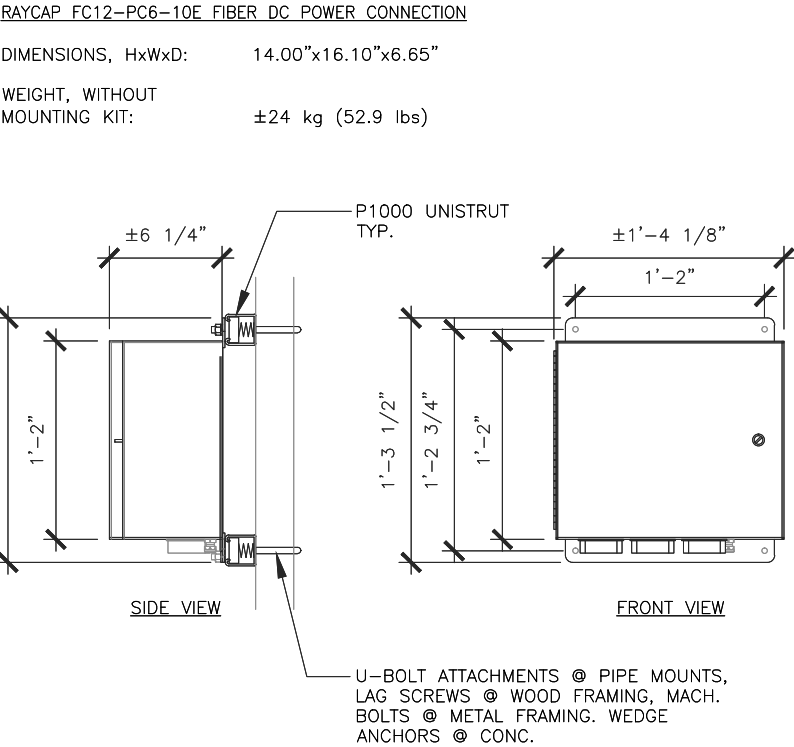
SHEET TITLE

ANTENNA &
CABLE
CONFIGURATION

SHEET NUMBER

A5

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FC12 RAYCAP DETAIL

NOT TO SCALE

6

RRH MOUNTING DETAIL

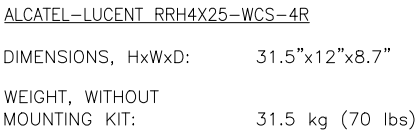
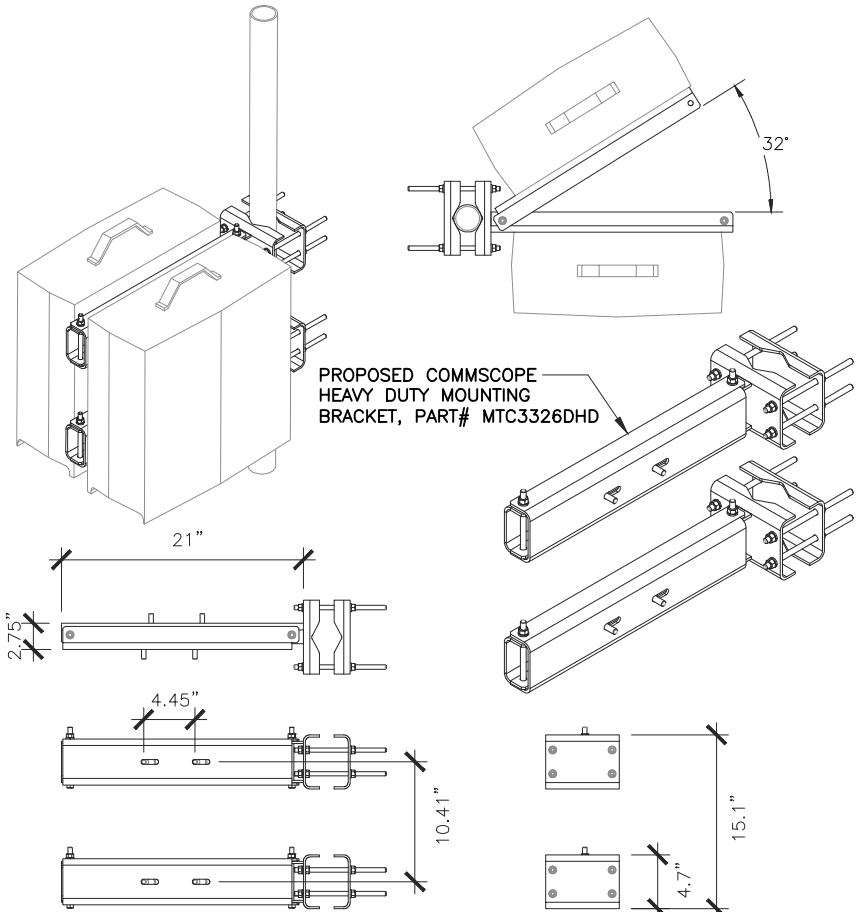
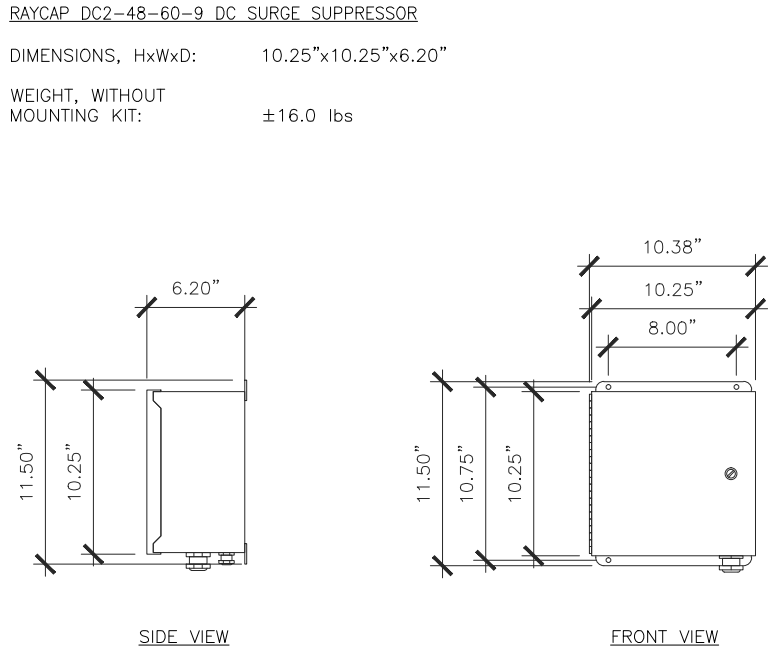
NOT TO SCALE

4

SECTOR FRAME DETAIL

NOT TO SCALE

2



DC2 RAYCAP DETAIL

NOT TO SCALE

5

HEAVY DUTY MOUNTING BRACKET

NOT TO SCALE

3

LTE 3C (WCS) RRH DETAIL

NOT TO SCALE

1



REVISIONS			
REV.	DATE	DESCRIPTION	INITIALS
A	12/07/17	ISSUED FOR REVIEW	BN
B	01/19/18	ISSUED FOR REVIEW	AR
0	01/25/18	FOR CONSTRUCTION	ST
NOT FOR CONSTRUCTION UNLESS LABELED AS CONSTRUCTION SET			

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ARCHITECT UNDER THE LAWS OF THE STATE OF MINNESOTA.

PRINT NAME: NESTOR POPOWYCH

SIGNATURE:

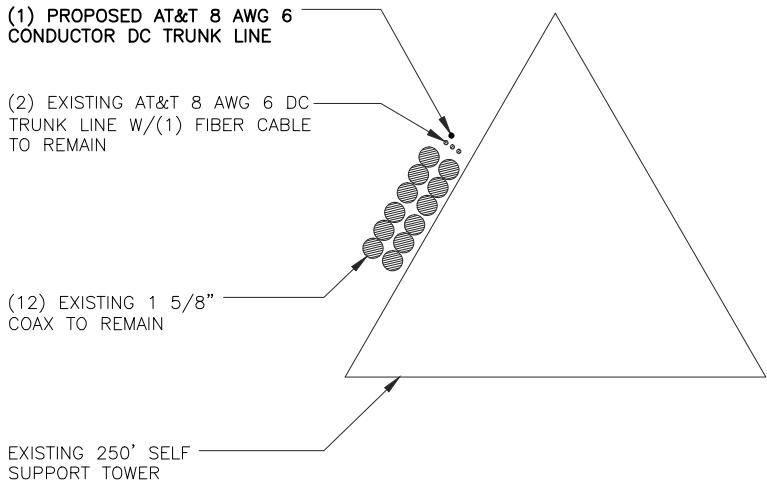
DATE: 01/26/18 LICENSE # 47725 EXP. 06/30/18

LTE 3C
10116086
MAPLE PLAIN
5115 INDUSTRIAL STREET
MAPLE PLAIN, MN 55359

SHEET TITLE
ANTENNA,
RRH AND
MOUNTING
DETAILS

SHEET NUMBER
A6

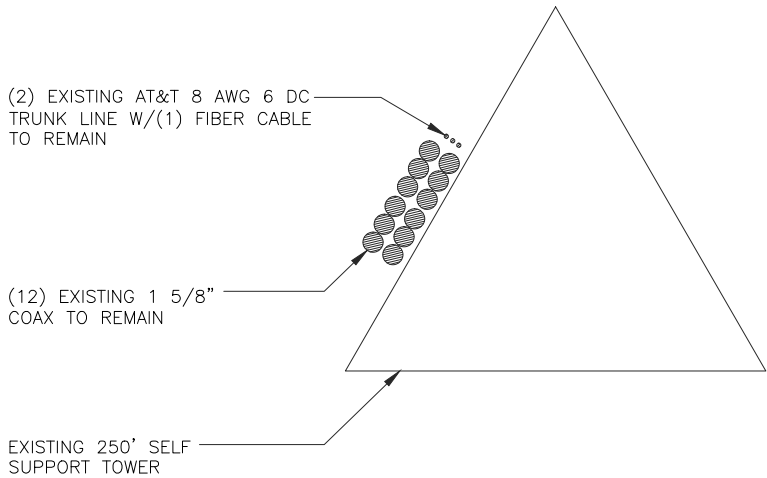
THE INFORMATION CONTAINED IN THIS SET OF CONSTRUCTION DOCUMENTS IS PROPRIETARY BY NATURE. ANY USE OR DISCLOSURE OTHER THAN THAT WHICH RELATES TO CARRIER SERVICES IS STRICTLY PROHIBITED.



PROPOSED CABLE ROUTING PLAN

SCALE: 1/16" = 1'-0"

6



EXISTING CABLE ROUTING PLAN

SCALE: 1/16" = 1'-0"

5

1. CONTRACTOR IS TO REFER TO AT&T'S MOST CURRENT RADIO FREQUENCY DATA SHEET (RFDS) PRIOR TO CONSTRUCTION.
2. THE SIZE, HEIGHT, AND DIRECTION OF THE ANTENNAS SHALL BE ADJUSTED TO ACHIEVE THE AZIMUTHS SPECIFIED AND LIMIT SHADOWING AND TO MEET THE SYSTEM REQUIREMENTS.
3. CONTRACTOR SHALL VERIFY THE HEIGHT OF THE ANTENNA WITH THE AT&T WIRELESS PROJECT MANAGER.
4. VERIFY TYPE AND SIZE OF TOWER LEG PRIOR TO ORDERING ANY ANTENNA MOUNT.
5. UNLESS NOTED OTHERWISE THE CONTRACTOR MUST PROVIDE ALL MATERIAL NECESSARY.
6. ANTENNA AZIMUTHS ARE DEGREES OFF OF TRUE NORTH, BEARING CLOCKWISE, IN WHICH ANTENNA FACE IS DIRECTED. ALL ANTENNAS (AND SUPPORTING STRUCTURES AS PRACTICAL) SHALL BE ACCURATELY ORIENTED IN THE SPECIFIED DIRECTION.
7. CONTRACTOR SHALL VERIFY ALL RF INFORMATION PRIOR TO CONSTRUCTION.
8. SWEEP TEST SHALL BE PERFORMED BY GENERAL CONTRACTOR AND SUBMITTED TO AT&T WIRELESS CONSTRUCTION SPECIALIST. TEST SHALL BE PERFORMED PER AT&T WIRELESS STANDARDS.
9. CABLE LENGTHS WERE DETERMINED BASED ON THE DESIGN DRAWING. CONTRACTOR TO VERIFY ACTUAL LENGTH DURING PRE-CONSTRUCTION WALK.
10. CONTRACTOR TO USE ROSENBERGER FIBER LINE HANGER COMPONENTS (OR ENGINEER APPROVED EQUAL).

ANTENNA & CABLING NOTES

NO SCALE

4

RF, DC, & COAX CABLE MARKING LOCATIONS TABLE

NO	LOCATIONS
①	EACH TOP-JUMPER SHALL BE COLOR CODED WITH (1) SET OF 3" WIDE BANDS.
②	EACH MAIN COAX SHALL BE COLOR CODED WITH (1) SET OF 3" WIDE BANDS NEAR THE TOP-JUMPER CONNECTION AND WITH (1) SET OF 3/4" WIDE COLOR BANDS JUST PRIOR TO ENTERING THE BTS OR TRANSMITTER BUILDING.
③	CABLE ENTRY PORT ON THE INTERIOR OF THE SHELTER.
④	ALL BOTTOM JUMPERS SHALL BE COLOR CODED WITH (1) SET OF 3/4" WIDE BANDS ON EACH END OF THE BOTTOM JUMPER.
⑤	ALL BOTTOM JUMPERS SHALL BE COLOR CODED WITH (1) SET OF 3/4" WIDE BANDS ON EACH END OF THE BOTTOM JUMPER.

CABLE MARKING DIAGRAM

NO SCALE

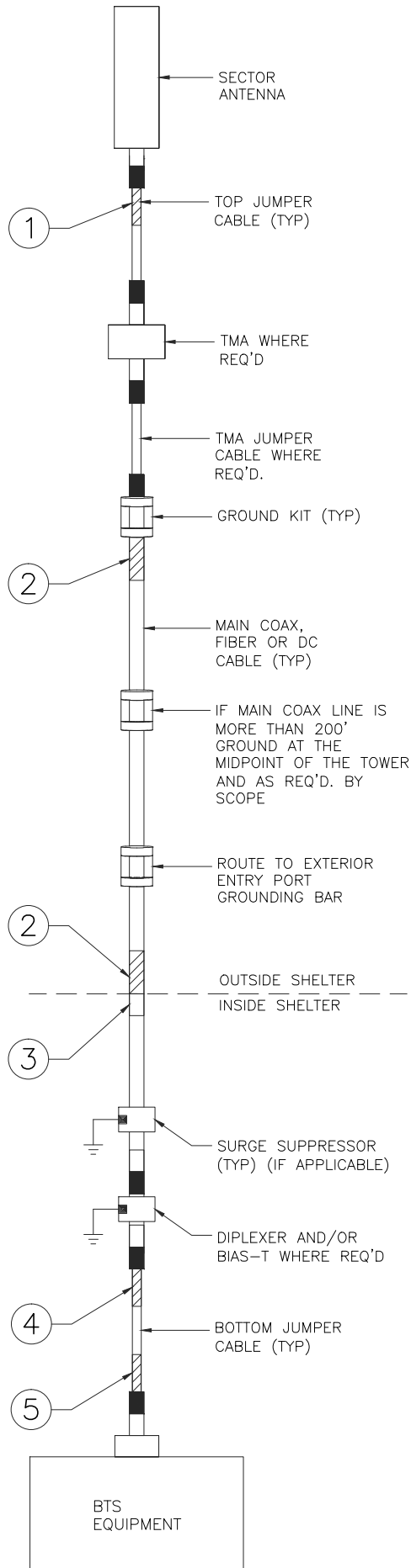
3

1. THE ANTENNA SYSTEM COAX SHALL BE LABELED WITH VINYL TAPE.
2. THE STANDARD IS BASED ON EIGHT COLORED TAPES-RED, BLUE, GREEN, YELLOW, ORANGE, BROWN, WHITE, AND VIOLET. THESE TAPES MUST BE 3/4" WIDE & UV RESISTANT SUCH AS SCOTCH 35 VINYL ELECTRICAL COLOR CODING TAPE AND SHOULD BE READILY AVAILABLE TO THE ELECTRICIAN OR CONTRACTOR ON SITE.
3. USING COLOR BANDS ON THE CABLES, MARK ALL RF CABLE BY SECTOR AND CABLE NUMBER AS SHOWN ON "CABLE COLOR CHART".
4. WHEN AN EXISTING COAXIAL LINE THAT IS INTENDED TO BE A SHARED LINE BETWEEN TECHNOLOGIES IS ENCOUNTERED, THE CONTRACTOR SHALL REMOVE THE EXISTING COLOR CODING SCHEME AND REPLACE IT WITH THE COLOR CODING STANDARD. IN THE ABSENCE OF AN EXISTING COLOR CODING AND TAGGING SCHEME, OR WHEN INSTALLING PROPOSED COAXIAL CABLES, THIS GUIDELINE SHALL BE IMPLEMENTED AT THAT SITE REGARDLESS OF TECHNOLOGY.
5. ALL COLOR CODE TAPE SHALL BE 3M-35 AND SHALL BE INSTALLED USING A MINIMUM OF (3) THREE WRAPS OF TAPE AND SHALL BE NEATLY TRIMMED AND SMOOTHED OUT SO AS TO AVOID UNRAVELING.
6. ALL COLOR BANDS INSTALLED AT THE TOP OF THE TOWER SHALL BE A MINIMUM OF 3" WIDE, AND SHALL HAVE A MINIMUM OF 3/4" OF SPACE BETWEEN EACH COLOR.
7. ALL COLOR CODES SHALL BE INSTALLED SO AS TO ALIGN NEATLY WITH ONE ANOTHER FROM SIDE-TO-SIDE.
8. IF EXISTING CABLES AT THE SITE ALREADY HAVE A COLOR CODING SCHEME AND THEY ARE NOT INTENDED TO BE REUSED OR SHARED WITH THE NEW TECHNOLOGY, THE EXISTING COLOR CODING SCHEME SHALL REMAIN UNTOUCHED.

CABLE MARKING NOTES

NO SCALE

2



CABLE COLOR CODING DIAGRAM

NO SCALE

1



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PRINT NAME: NESTOR POPOWYCH

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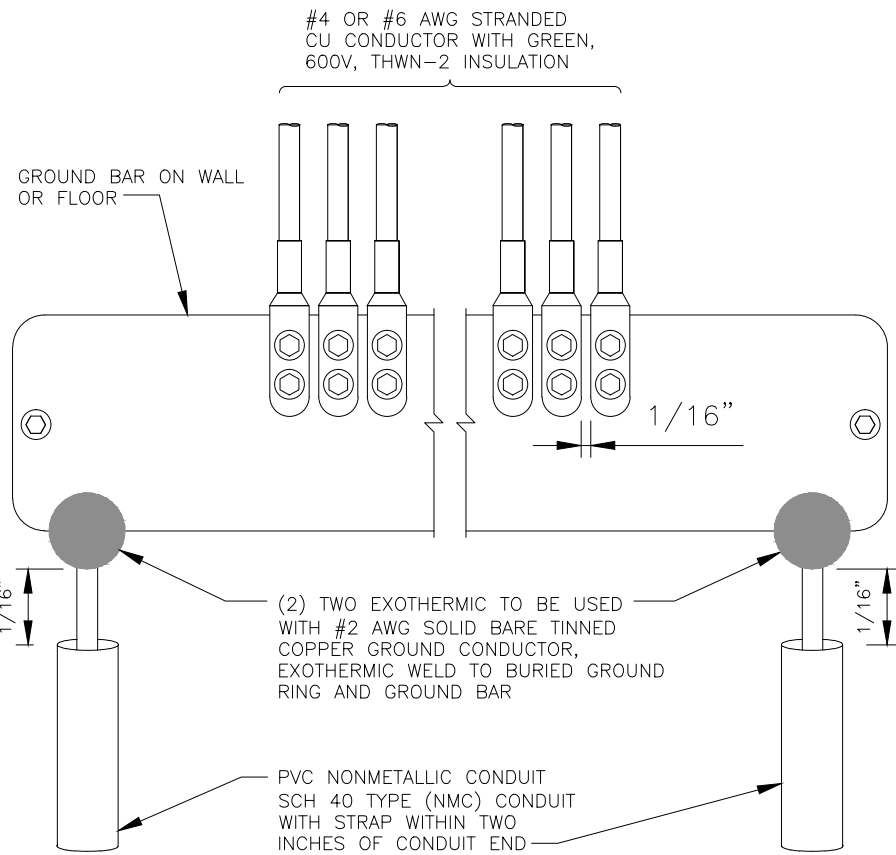
SHEET TITLE

CABLE NOTES
& COLOR
CODING

SHEET NUMBER

A7

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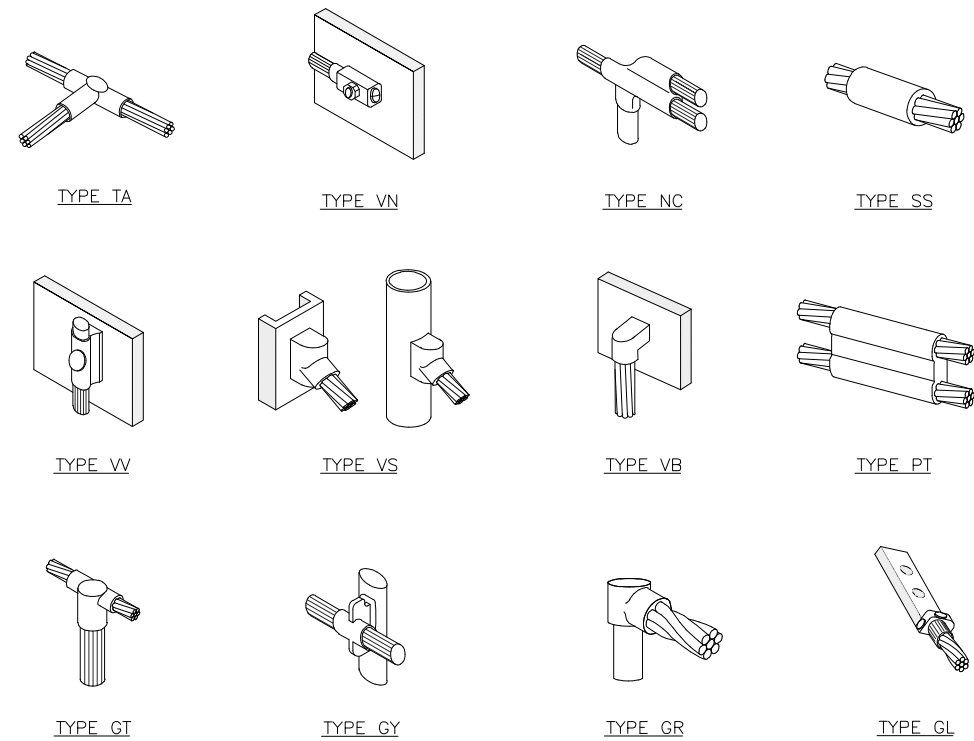


GROUND BAR DETAILS

NO SCALE

5

CALDWELD DETAILS



COAX GROUND KIT DETAIL

NO SCALE

3

EXTERIOR TWO HOLE LUG DETAIL

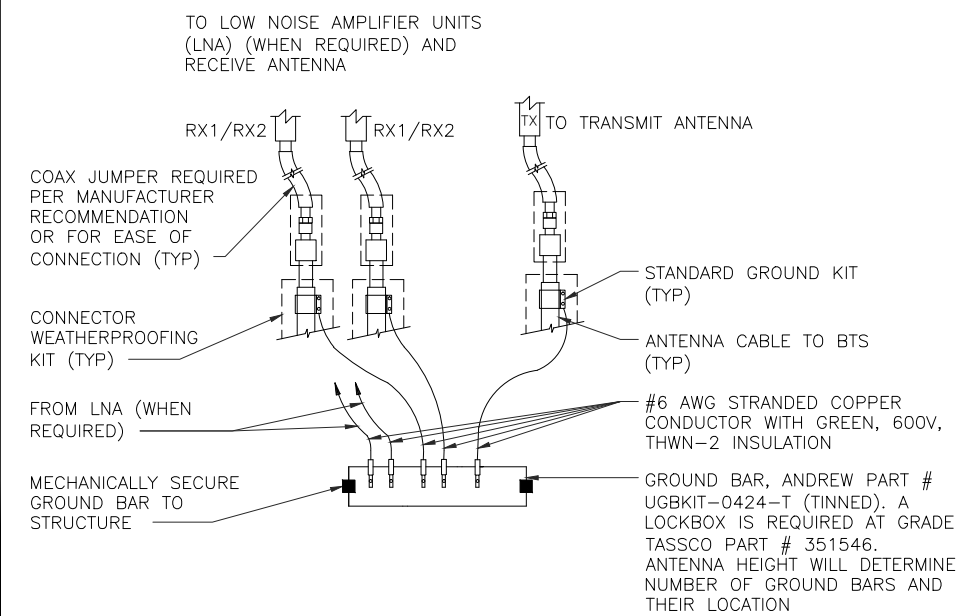
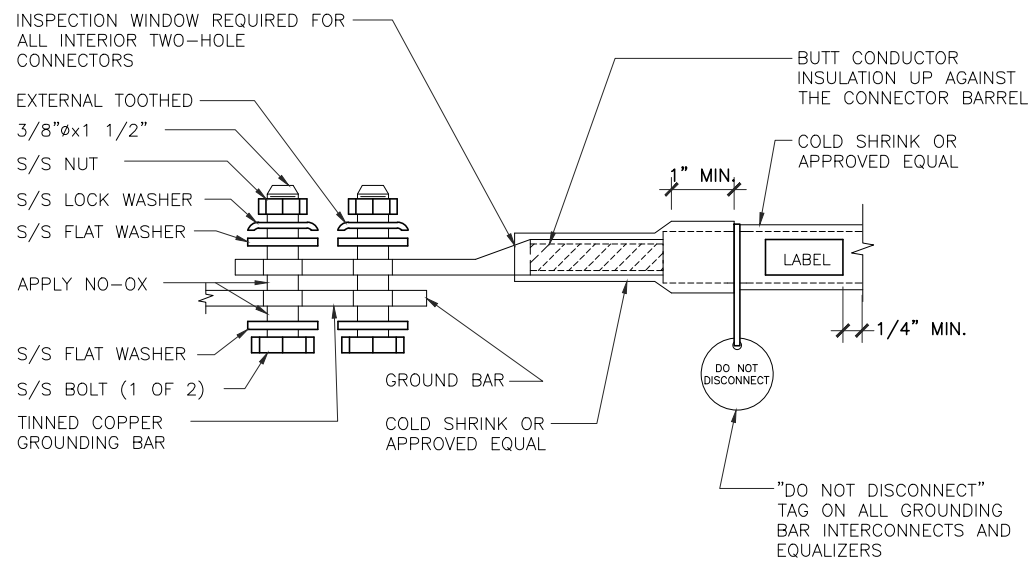
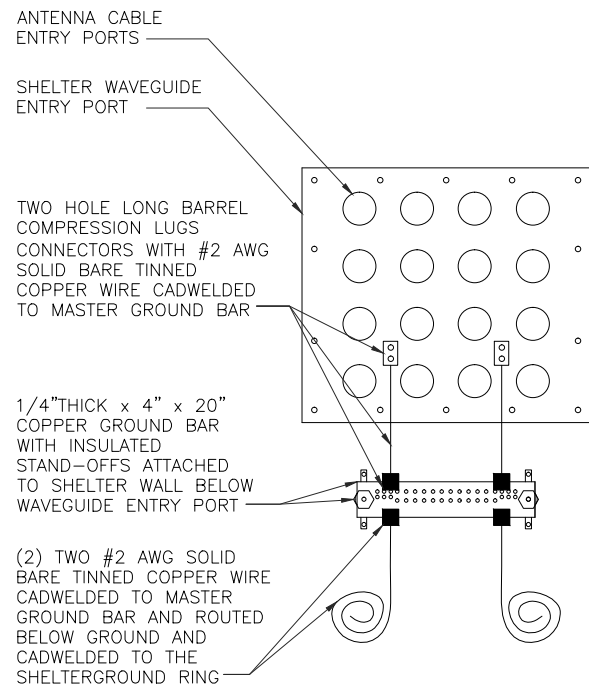
NO SCALE

2

ANTENNA GROUND BAR DETAIL

NO SCALE

1



REVISIONS			
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5115 INDUSTRIAL STREET
MAPLE PLAIN, MN 55359

SHEET TITLE

GROUNDING
DETAILS

SHEET NUMBER

E1



City of Maple Plain
5050 Independence St
P.O. Box 97
Maple Plain, MN 55359
Office: (763) 479-0515
Fax: (763) 479-0519

ZONING & LAND USE APPLICATION

APPLICANT INFORMATION

Applicant Name Josh Edwards	Company, if applicable SAC Wireless on behalf of AT&T
Address 540 W Madison Street	Phone Number (312) 967-4329
City, State, Zip Chicago, IL 60661	Email josh.edwards@sacw.com
Are you the owner of the property? <input type="checkbox"/> Yes. <input checked="" type="checkbox"/> No. (If not, property owner information is required.)	

Tower Owner Name American Tower Asset Sub, LLC	Company, if applicable
Address 10 Presidential Way	Phone Number
City, State, Zip Woburn, MA 01801	Email Michael.harold@americantower.com

Applicant Signature *Josh Edwards*

Tower Owner Signature

By:

Margaret Robinson, Senior Counsel, American Tower Asset Sub, LLC

Date 4/24/18

Date 4/18/18

PROJECT INFORMATION

Site Address or Property Identification Number 5115 INDUSTRIAL STREET MAPLE PLAIN, MN
Type of Request (Check all that apply.)

	Fee	Escrow		Fee	Escrow
<input type="checkbox"/> Appeal Administration Decision	\$250	\$250			
<input type="checkbox"/> Concept Plan Review	\$500				
Residential Application	Fee	Escrow	Commercial Application	Fee	Escrow
<input type="checkbox"/> Conditional Use Permit	\$500	\$1500	<input checked="" type="checkbox"/> Conditional Use Permit	\$1000	\$2500
<input type="checkbox"/> Interim Use Permit	\$500	\$1500	<input type="checkbox"/> Interim Use Permit	\$1000	\$2500
<input type="checkbox"/> Site Plan	\$500	\$1500	<input type="checkbox"/> Site Plan	\$1000	\$2500
<input type="checkbox"/> Minor Subdivision	\$500	\$1500	<input type="checkbox"/> Minor Subdivision	\$1000	\$2500
<input type="checkbox"/> Variance	\$500	\$1500	<input type="checkbox"/> Variance	\$1000	\$2500
<input type="checkbox"/> Rezoning	\$500	\$1500	<input type="checkbox"/> Rezoning	\$1000	\$2500
<input type="checkbox"/> Text Amendment	\$500	\$1500	<input type="checkbox"/> Text Amendment	\$1000	\$2500
<input type="checkbox"/> Vacation of Property	\$500	\$1500	<input type="checkbox"/> Vacation of Property	\$1000	\$2500
			<input type="checkbox"/> Home Occupation	\$200	\$1000
Residential/Commercial					
Industrial/Office					
Planning and Zoning Application	Fee	Escrow	Grading and Excavation	Fee	Escrow

<input type="checkbox"/> Preliminary Plat	\$500	\$3000	<input type="checkbox"/> <100 Cubic Yards	N/C	
<input type="checkbox"/> Subdivision Application	\$500	\$3000	<input type="checkbox"/> >100 Cubic Yards	\$500	
<input type="checkbox"/> Rezoning	\$500	\$3000	<input type="checkbox"/> >1000 Cubic Yards	\$1000	Per Council
<input type="checkbox"/> Comprehensive Plan Amendment	\$500	\$3000	<input type="checkbox"/> Right of Way Permit	\$250	\$500
<input type="checkbox"/> Planned Unit Development	\$1000	\$3000	<input type="checkbox"/> Park Dedication Fee	\$3750 per unit	
<input type="checkbox"/> Final Plat	\$500	\$3000	<input type="checkbox"/> Park Dedication Fee (other)	\$0.258 per square foot	
			<input type="checkbox"/> Signage Permanent	\$250	
			<input type="checkbox"/> Temporary Sign	\$25	\$250

Brief Project Narrative / Overview (Use additional paper if necessary. Please be thorough.)

Add (3) radios, add new radio mounts to tower.

NOTICE TO APPLICANT

The Maple Plain City Code guides and enables development activities within the City by ensuring proper and well-coordinated projects. The land use application is the mechanism that allows the City to examine proposed land uses to ensure compatibility with the City Codes, design and development standards, and the surrounding land uses and natural environments. The review is intended to ensure positive growth for the community.

All applications are reviewed individually and are evaluated based on their own merit. Each land use request has an associated checklist of required items. Applicants are encouraged to participate in the City's pre-application workshop prior to submitting a formal land use application. The workshop is an opportunity to informally discuss the conceptual idea of the proposed project in an effort to reduce delays. Participation in the pre-application process does not provide approval, or guarantee of approval, of the project. The City shall not accept plans, drawings or other information related to the project except upon submittal of a formal application. The City reserves the right to reject an incomplete application.

APPLICATION FEE STATEMENT

All expenses pertaining to project reviews are the responsibility of the applicant. Planning review deposits and other applicable fees must be paid when submitting land use applications and accompanying materials. All fees, which are set annually by City ordinance, help cover costs incurred by the City to review the application. The City of Maple Plain often uses consulting firms to assist in the review of projects. City staff and consultant review costs are billed hourly; all other costs are billed at cost. Applicants shall be billed directly for incurred expenses upon receipt by the City. The City reserves the right to request an applicant to submit a development escrow in advance of the formal project review.

Please refer to the City's Fee Schedule for information on planning review fees and deposits, and other applicable costs.

By signing this form, the applicant recognizes his/her responsibility for any and all fees associated with the land use application from project review through to construction and release of financial guarantees for an approved project. All fees associated with a project that is denied or withdrawn remain the sole responsibility of the applicant and shall be paid upon receipt of invoice.

I hereby understand the fee statement and responsibilities associated with this land use application:

Applicant Signature



Tower Owner Signature

By:



Margaret Robinson, Senior Counsel, American Tower
Asset Sub, LLC

4/24/18
Date

Date

4-18-18

REVIEW REQUIREMENTS

Minnesota State Statute 15.99 requires local governments to review an application within 15 business days of its submission to determine if an application is complete and/or if additional information is required to complete the review. Once complete, a formal 60-day review period begins. The City has the ability to extend the review period an additional 60 days, if necessary, due to insufficient information or scheduling difficulties.

Please review the corresponding checklist that goes with the request as all materials are required unless waived by the City. All applications must be received by the deadline(s) attached hereto. Failure to submit by the date shown may result in a delay of the review by the Planning Commission and City Council.

DEADLINES

Planning Commissioning meetings are held on the first Thursday of the month at 7:00 P.M.
All applications are due 30 days prior to meeting.

OFFICE USE ONLY

Application Type	Review Deadline
	<input type="checkbox"/> 15 Business Days: _____
	<input type="checkbox"/> 60 Day Review: _____
	<input type="checkbox"/> 120 Day Review: _____
Fees Collected	Received by
<input type="checkbox"/> Application Fee Collected: \$ _____	<input type="checkbox"/> Name: _____
<input type="checkbox"/> Escrow: \$ _____	<input type="checkbox"/> Signature: _____
<input type="checkbox"/> Total Receipt: \$ _____	<input type="checkbox"/> Date: _____
Receipt	Application Complete

☐ Receipt Number(s)

Are there any missing materials?

☐ Yes. ☐ No.

If yes, was the application accepted?

☐ Yes. ☐ No.



City of Maple Plain
5050 Independence St
P.O. Box 97
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SITE PLAN CHECKLIST & PROCEDURE

APPLICATION REQUIREMENTS

The following materials are required in order for each application to receive consideration. The City reserves to waive certain requirements. An application that is missing materials may not be accepted.

- | | |
|--|---|
| <input type="checkbox"/> Completed Land Use Application and pay all applicable fees. | |
| <input type="checkbox"/> All materials as required by City Zoning Code regarding Site Plans. | |
| <input type="checkbox"/> Address labels of property owners within 350 feet (available through Hennepin County). | |
| <input type="checkbox"/> Certified survey of property (8 full size, 10 reduced) plus CAD and PDF electronic files. | |
| <input type="checkbox"/> Written narrative of outlining project and purpose of request. | |
| <input type="checkbox"/> Wetland report by Certified Wetland Specialist. | |
| <input type="checkbox"/> Scaled site plan showing dimensions & distances | <input type="checkbox"/> Parking plan |
| <input type="checkbox"/> Existing & proposed property conditions (page 2) | <input type="checkbox"/> Lighting plan |
| <input type="checkbox"/> Four-sided architectural plans and elevations | <input type="checkbox"/> Landscape plan |
| <input type="checkbox"/> Specifications for exterior finishes | <input type="checkbox"/> Utility plan |

- | | |
|---|--|
| <input type="checkbox"/> Grading, erosion control & drainage plans (page 2) | <input type="checkbox"/> Tree Preservation plan |
| <input type="checkbox"/> Location of fire suppression, if applicable | <input type="checkbox"/> Signage plan |
| <input type="checkbox"/> Soil borings, if applicable | <input type="checkbox"/> Storage & waste enclosure |

APPROVALS & PERMITS

Project applications may require review and comment from the following agencies. Applicants should allow for enough time for agency review. The City encourages applicants to contact each state and county agency and the appropriate watershed district prior to submitting formal application to understand agency requirements.

- | | |
|--|---|
| <input type="checkbox"/> City of Maple Plain | <input type="checkbox"/> MN Pollution Control Agency (NPDES) |
| <input type="checkbox"/> Hennepin County | <input type="checkbox"/> Minnehaha Creek Watershed District |
| <input type="checkbox"/> MN Department of Transportation | <input type="checkbox"/> Pioneer-Sarah Creek Watershed Commission |

Upon completion of the formal review period, the following permits may be required for an approved project. The City, county, state and other jurisdictional agencies each have a review period for all permit requests.

- | | |
|---|--|
| <input type="checkbox"/> Building Permit | <input type="checkbox"/> Hennepin County Right of Way Permit |
| <input type="checkbox"/> Demolition Permit | <input type="checkbox"/> MnDOT Right of Way Permit |
| <input type="checkbox"/> Excavation & Grading Permit | <input type="checkbox"/> Minnehaha Creek Watershed District Permit |
| <input type="checkbox"/> Right of Way Permit | <input type="checkbox"/> Pioneer-Sarah Creek Watershed Commission |
| <input type="checkbox"/> Sewer Availability Charges (SAC) | <input type="checkbox"/> MnPCA Storm Water (NPDES) Construction Permit |
| <input type="checkbox"/> Water Availability Charge (WAC) | <input type="checkbox"/> Wetland Conservation Act requirements |
| <input type="checkbox"/> Sign Permit | |

NOTICE TO APPLICANT

In order to receive consideration, the applicant must complete a number of steps.

1. Meet with City staff to discuss the proposed use, whether permitted or conditional, obtain a land use application packet, and schedule a pre-application meeting.
2. Assemble information outlining the request.
3. Submit a completed application packet, including all materials as required by City Zoning Code related to the type of request, to City Hall by the dates noted on the Land Use Application.
4. Participate in the review process by attending City staff and public meetings.
5. Attend all Public Hearings, and Planning Commission and City Council meetings.

By law, the City of Maple Plain must notify adjacent property owners of proposed projects that may impact their properties. This notification is mailed to property owners within 350 feet of the project area at least 10 days prior to the public hearing. A Certified List of Property Owners is available from Hennepin County (612) 348-5910.

ADDITIONAL INFORMATION

Drawings of Existing & Proposed Conditions should include:

- gross and net acreages of the proposed development
- location, width and name of all existing streets and highway, public property, railroad, utility rights of way, & easements within the proposed development
- location and size of existing buildings & infrastructure (water, sewer and storm sewer lines)
- wetlands, wooded areas & other natural features
- tree inventory, including trees to be removed & saved
- layout of proposed streets, rights of way and appropriate street information
- layout proposed sidewalks, trails and pedestrian ways
- location and dimension of all easements
- minimum building setback lines.

Grading & Erosion Control & Drainage Plans must show the following:

- existing & proposed topography
- existing natural features, such as trees, wetlands, ponds, swales, drainage channels, etc.
- existing and proposed storm sewer facilities
- proposed storm water improvements
- flood elevations based on a 100-year flood plain
- spot elevations & directional arrows representing drainage patterns
- wetland delineation & mitigation plan at 2:1 ratio

ACKNOWLEDGEMENT

By signing this form, the applicant hereby acknowledges the receipt of the checklist and procedure for the project to be submitted for consideration. It is the responsibility of the applicant to submit all required materials. All permit requests should be submitted in a timely manner so as not to cause project delays.

Applicant Signature



Tower Owner Signature

By:

Margaret Robinson, Senior Counsel, American Tower
Asset Sub, LLC

Date 4/24/18

Date

