

1. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS.
2. CONTRACTOR SHALL MAINTAIN A 10'-0" MINIMUM SEPARATION BETWEEN THE EXISTING/PROPOSED LTE GPS ANTENNA AND TRANSMITTING ANTENNAS.

NOTES



LEGEND

APPLICANT/OWNER:
AT&T MOBILITY
 16025 NORTHLAND DR
 SOUTHFIELD, MI 48075

PREPARED BY:

BLACK & VEATCH
 11401 LAMAR AVE.
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 (913) 458-2000
 PROJECT NUMBER: 129391

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LANDLORD/PROPERTY OWNER SIGNATURE

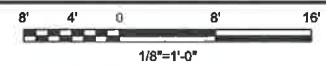
REV	DATE	DESCRIPTION
1	05.19.23	ISSUED FOR REVIEW
0	03.23.23	ISSUED FOR REVIEW

PROJECT LOCATION: USID (94893)
 CHIPPEWA HOTEL
 7221 MAIN STREET
 MACKINAC ISLAND, MI 49757

DRAWING DESCRIPTION:
 ROOFTOP PLAN

DRAWING NUMBER:
C-1

ROOFTOP PLAN



THIS DOCUMENT WAS PREPARED BASED ON THE INFORMATION PROVIDED TO BLACK & VEATCH. IF EXISTING CONDITIONS DO NOT REFLECT THOSE REPRESENTED, THESE CONSTRUCTION DRAWINGS ARE NO LONGER VALID.

NOTE:
1. GROUND EQUIPMENT AND/OR EQUIPMENT SHELTERS OMITTED FOR CLARITY.

THESE DRAWINGS HAVE BEEN CREATED BASED ON THE ASSUMPTION THAT THE STRUCTURE HAS SUFFICIENT CAPACITY TO SUPPORT THE PROPOSED LOADING. IT IS THE RESPONSIBILITY OF THE TOWER OWNER AND/OR TOWER OWNER DESIGNATED ENGINEER TO CONFIRM THAT THE PROPOSED LOADINGS AND CONNECTIONS OF THOSE LOADS ON THE TOWER ARE WITHIN THE ORIGINAL DESIGN CAPACITY OF THE STRUCTURE.

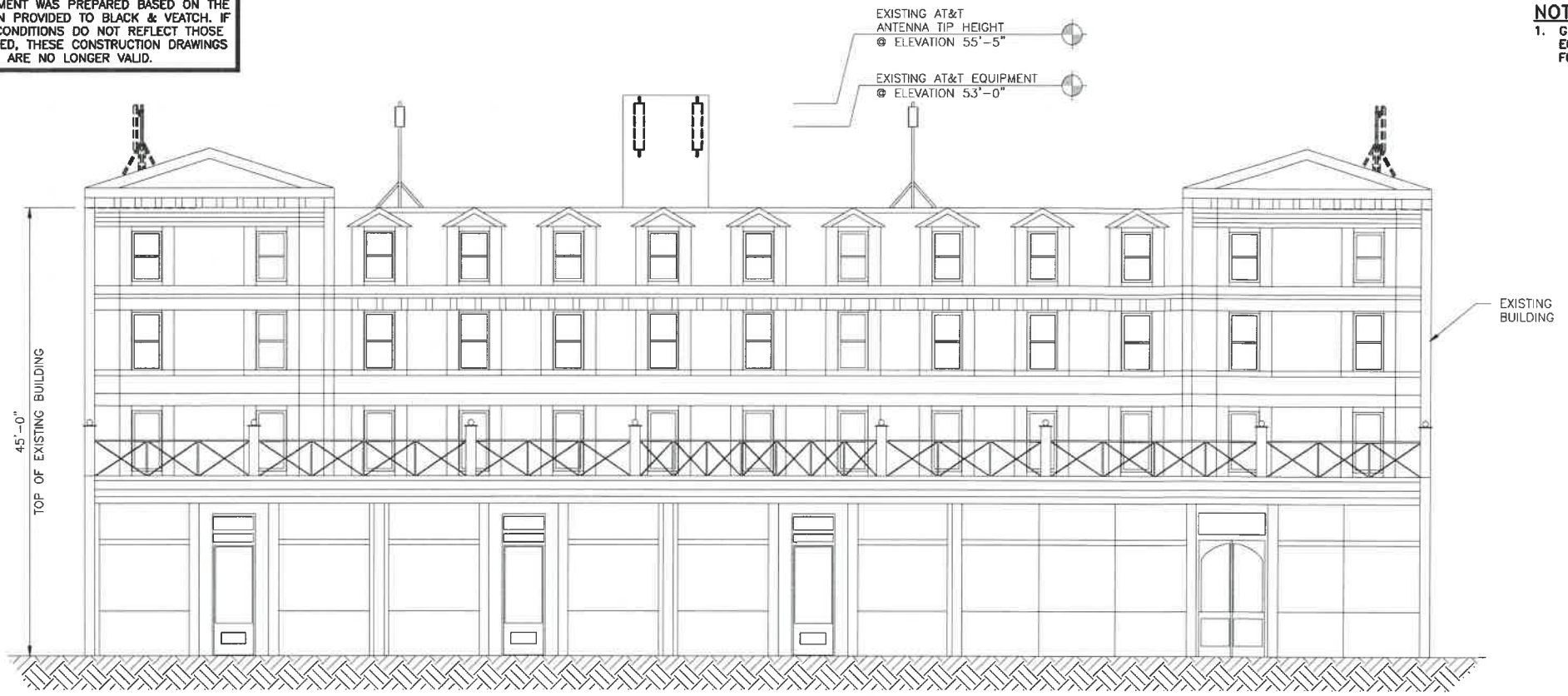
INSTALLATION OF COAX AND /OR ANTENNAS SHALL NOT COMMENCE UNTIL SUFFICIENT INFORMATION HAS BEEN PROVIDED THAT SUPPORTS THE ADEQUATE CAPACITY OF THE TOWER

APPLICANT/OWNER:
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SOUTHFIELD, MI 48075

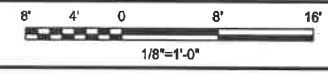
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EXISTING NORTHWEST ELEVATION



1

STRUCTURAL AND MOUNT ANALYSIS NOTE 3

- INSTALL:**
- (3) PROPOSED ANTENNAS
 - (9) PROPOSED RRHs
 - (3) PROPOSED DIPLEXERS
 - (3) PROPOSED DC9 SURGE PROTECTION UNITS
 - (3) PROPOSED 24-PAIR FIBER TRUNKS
 - (6) PROPOSED #6 DC POWER TRUNKS
- REMOVE:**
- (3) EXISTING LTE ANTENNAS
 - (3) EXISTING UMTS ANTENNAS
 - (6) EXISTING UMTS RRHs
 - (9) EXISTING TMAe
 - (6) EXISTING 1-5/8" COAX CABLES

SCOPE OF WORK 4

1. WHEN STACKING CABLES 3 OR MORE DEEP, USE STACKABLE SNAP-INS, TALLEY PART NUMBER SSH-15B-3 (OR ENGINEER APPROVED EQUAL).
2. CONTRACTOR SHALL CONFIRM THE FINAL CABLE ROUTING PLAN WITH THE STRUCTURAL ANALYSIS.

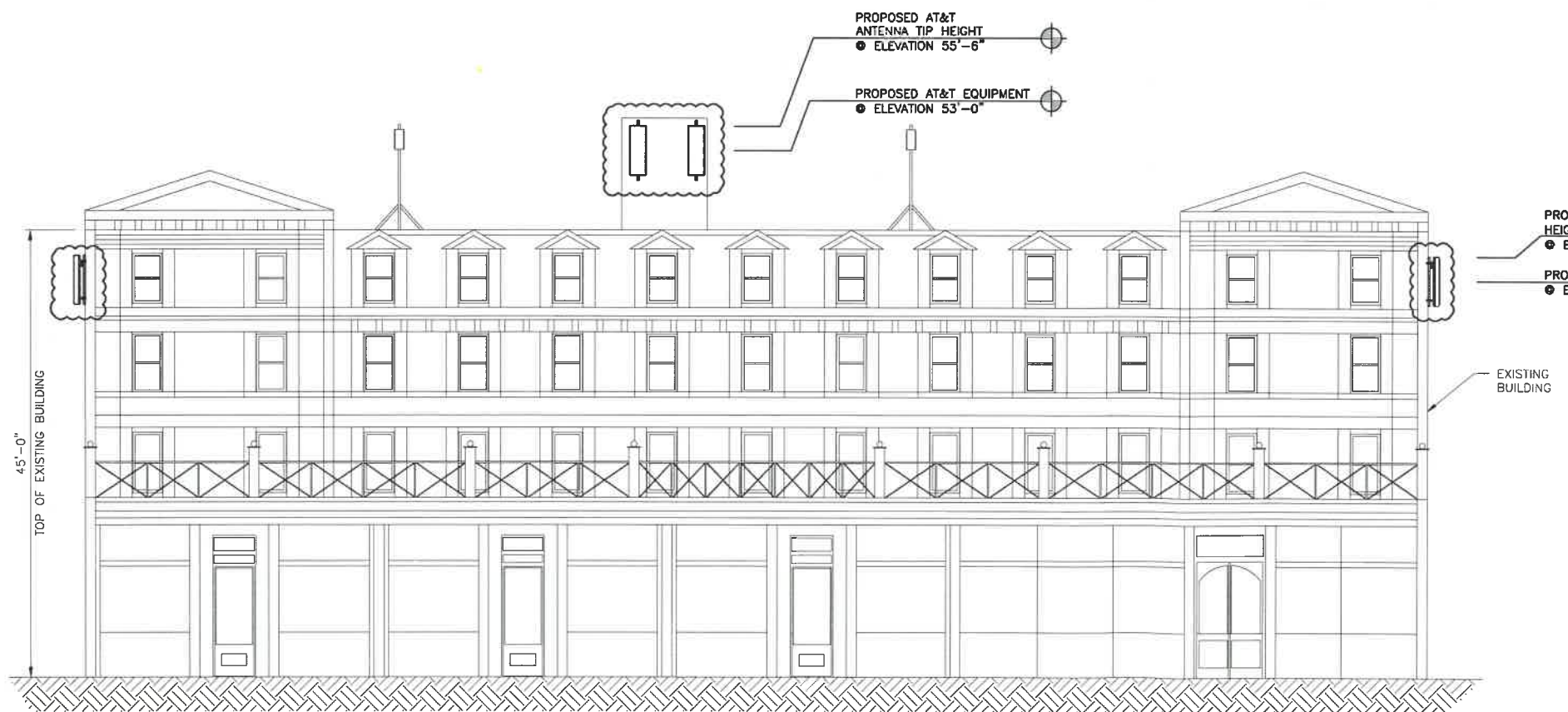
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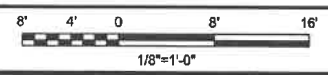
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ELEVATION

DRAWING NUMBER:
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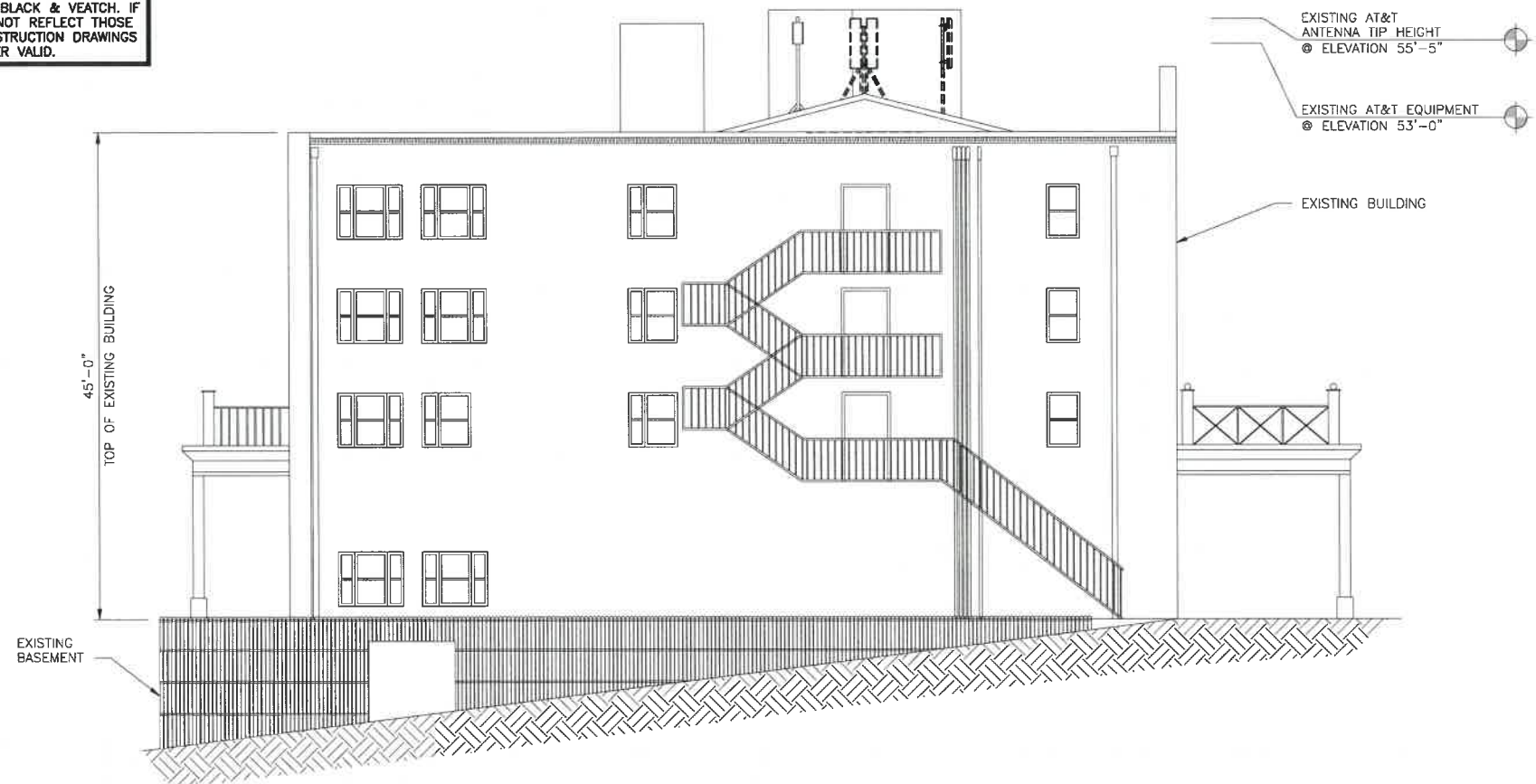
FINAL NORTHWEST ELEVATION



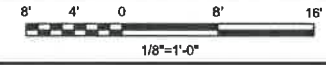
2

NOTES 5

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EXISTING NORTHEAST ELEVATION



1

NOTE:

- GROUND EQUIPMENT AND/OR EQUIPMENT SHELTERS OMITTED FOR CLARITY.

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STRUCTURAL AND MOUNT ANALYSIS NOTE 3

INSTALL:

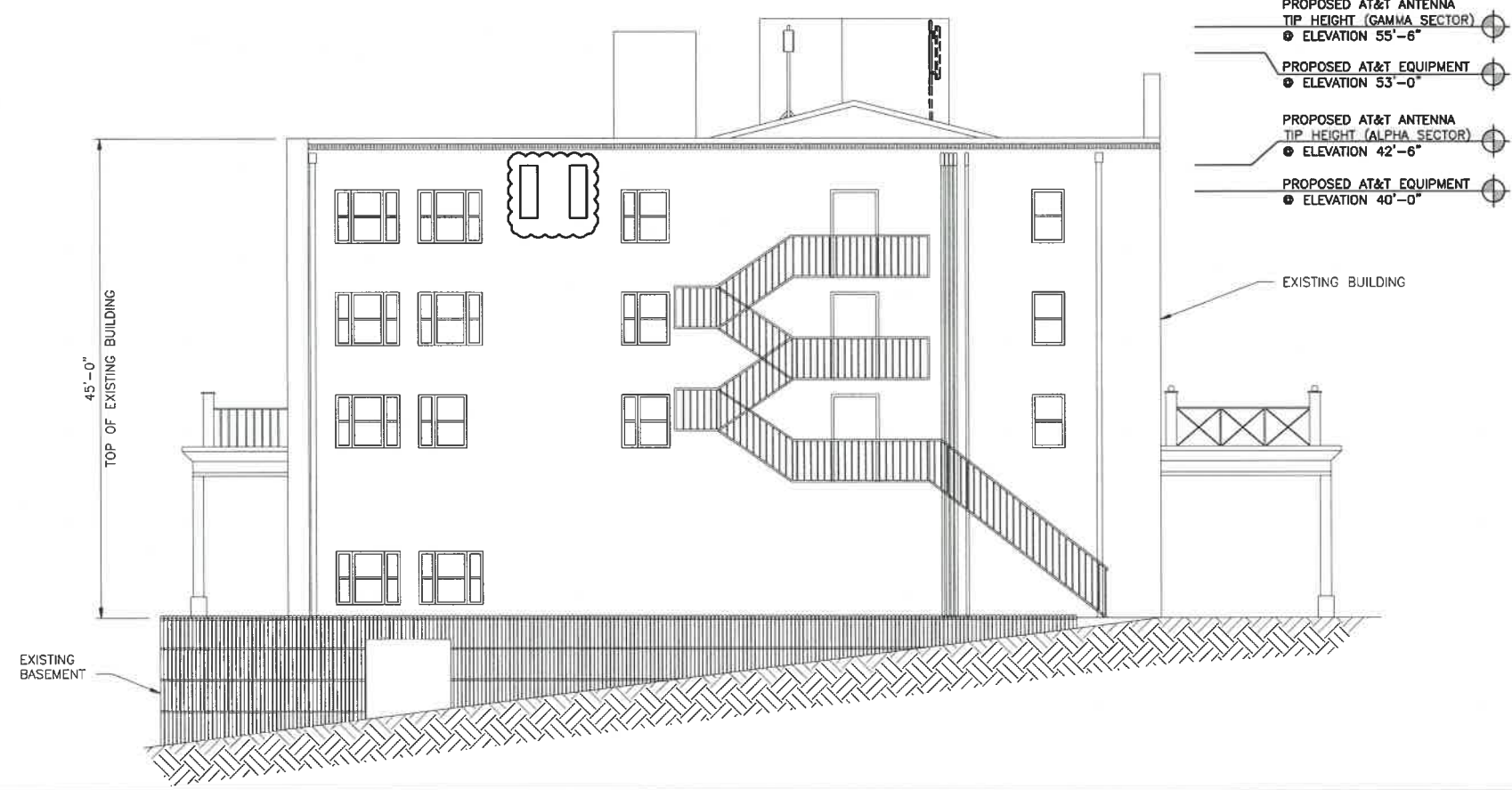
- (6) PROPOSED ANTENNAS
- (9) PROPOSED RRHs
- (3) PROPOSED DIPLEXERS
- (3) PROPOSED DC9 SURGE PROTECTION UNITS
- (3) PROPOSED 24-PAIR FIBER TRUNKS
- (6) PROPOSED #6 DC POWER TRUNKS

REMOVE:

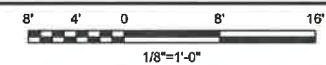
- (3) EXISTING LTE ANTENNAS
- (3) EXISTING UMTS ANTENNAS
- (6) EXISTING UMTS RRHs
- (9) EXISTING TMAs
- (6) EXISTING 1-5/8" COAX CABLES

SCOPE OF WORK 4

- WHEN STACKING CABLES 3 OR MORE DEEP, USE STACKABLE SNAP-INS, TALLEY PART NUMBER SSH-158-3 (OR ENGINEER APPROVED EQUAL).
- CONTRACTOR SHALL CONFIRM THE FINAL CABLE ROUTING PLAN WITH THE STRUCTURAL ANALYSIS.



FINAL NORTHEAST ELEVATION



2

NOTES

5

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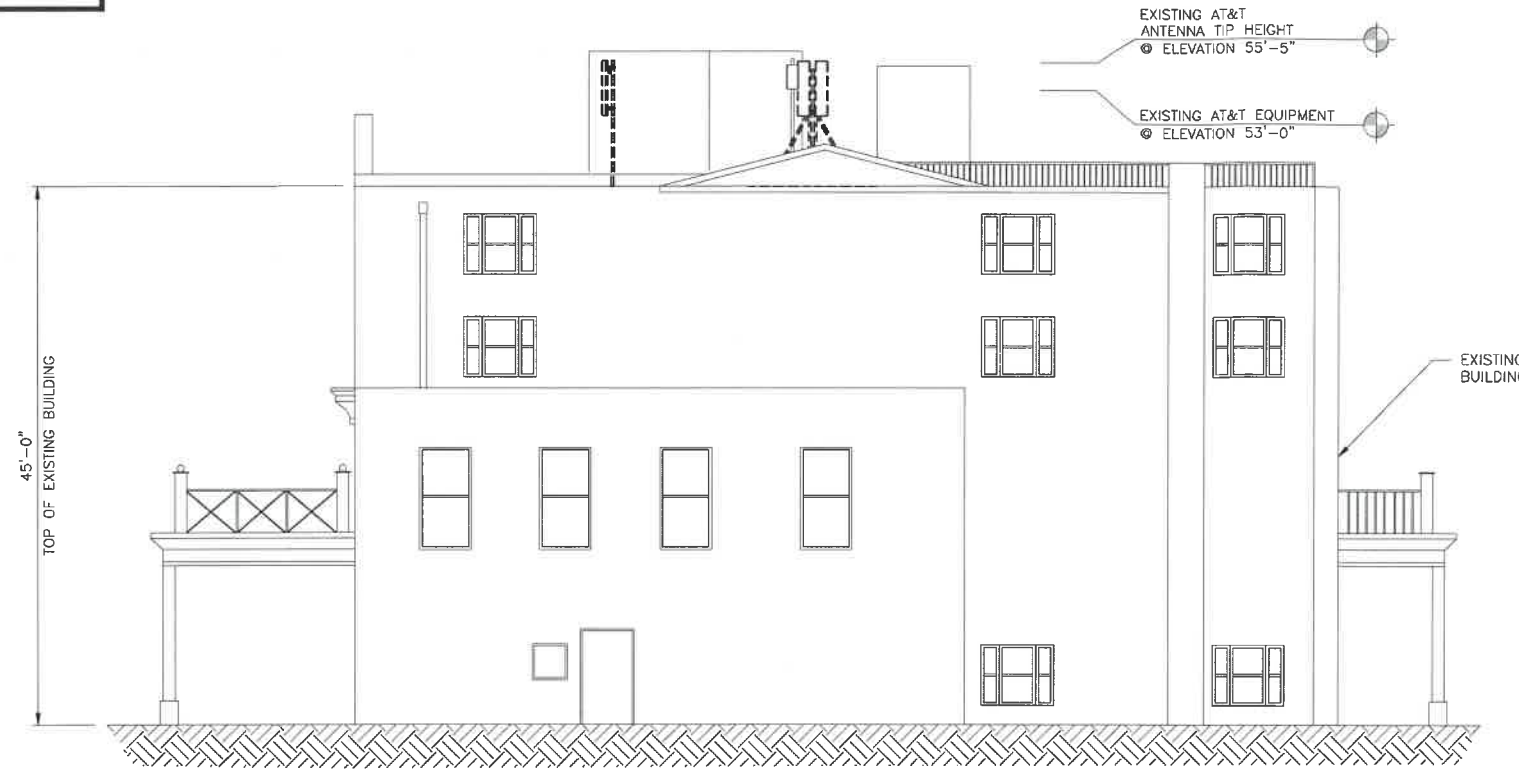
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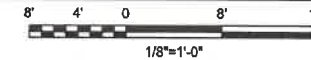
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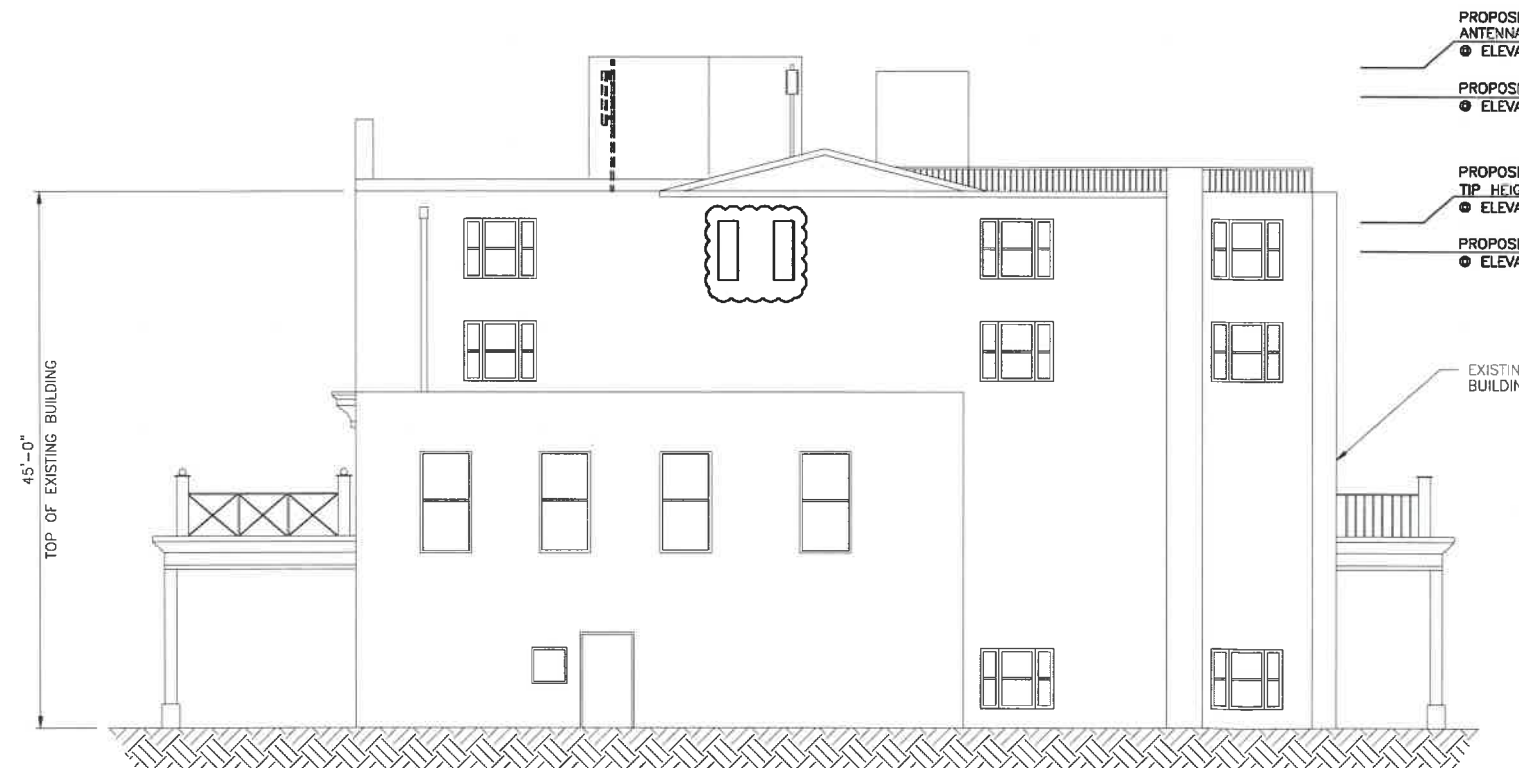
EXISTING SOUTHWEST ELEVATION



1

SCOPE OF WORK

4



FINAL SOUTHWEST ELEVATION



2

NOTES

5

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STRUCTURAL AND MOUNT ANALYSIS NOTE

3

INSTALL:

- (3) PROPOSED ANTENNAS
- (9) PROPOSED RRHs
- (3) PROPOSED DIPLEXERS
- (3) PROPOSED DC9 SURGE PROTECTION UNITS
- (3) PROPOSED 24-PAIR FIBER TRUNKS
- (8) PROPOSED #6 DC POWER TRUNKS

REMOVE:

- (3) EXISTING LTE ANTENNAS
- (3) EXISTING UMTS ANTENNAS
- (6) EXISTING UMTS RRHs
- (9) EXISTING TMA_s
- (6) EXISTING 1-5/8" COAX CABLES

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