

PROJECT INFORMATION

SCOPE OF WORK: REMOVE AND REPLACE (2) EXISTING ANTENNAS WITH (2) NEW ANTENNAS AND ADD (1) NEW ANTENNA. INSTALL (2) STEALTH CHIMNEY FIBERGLASS ENCLOSURES, INSTALL TWO EQUIPMENT CABINETS ON AN EXISTING CURB. ADD ELECTRICAL & FIBER CONDUIT.

SITE ADDRESS: 25 WEBSTER AVENUE
SOMERVILLE, MA 02143

PROPERTY OWNER: IPC LOUISVILLE PROPERTIES LLC
303 NORTH HURSTBOURNE PARKWAY
LOUISVILLE, KY 40222

LATITUDE: 42° 22' 41.88" N (NAD 83)*

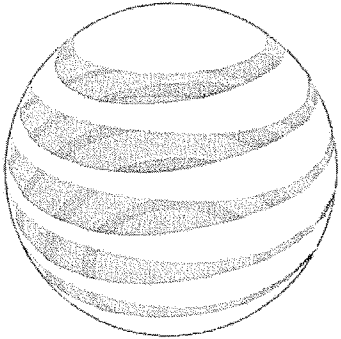
LONGITUDE: 71° 05' 47.04" W (NAD 83)*
* PER RF DATA SHEETS

JURISDICTION: CITY OF SOMERVILLE

CURRENT USE: APARTMENT/TELECOMMUNICATIONS FACILITY

PROPOSED USE: APARTMENT/TELECOMMUNICATIONS FACILITY

NAME OF APPLICANT: AT&T MOBILITY
550 COCHITUATE ROAD
SUITES 13 & 14
FRAMINGHAM, MA 01701



at&t
Mobility

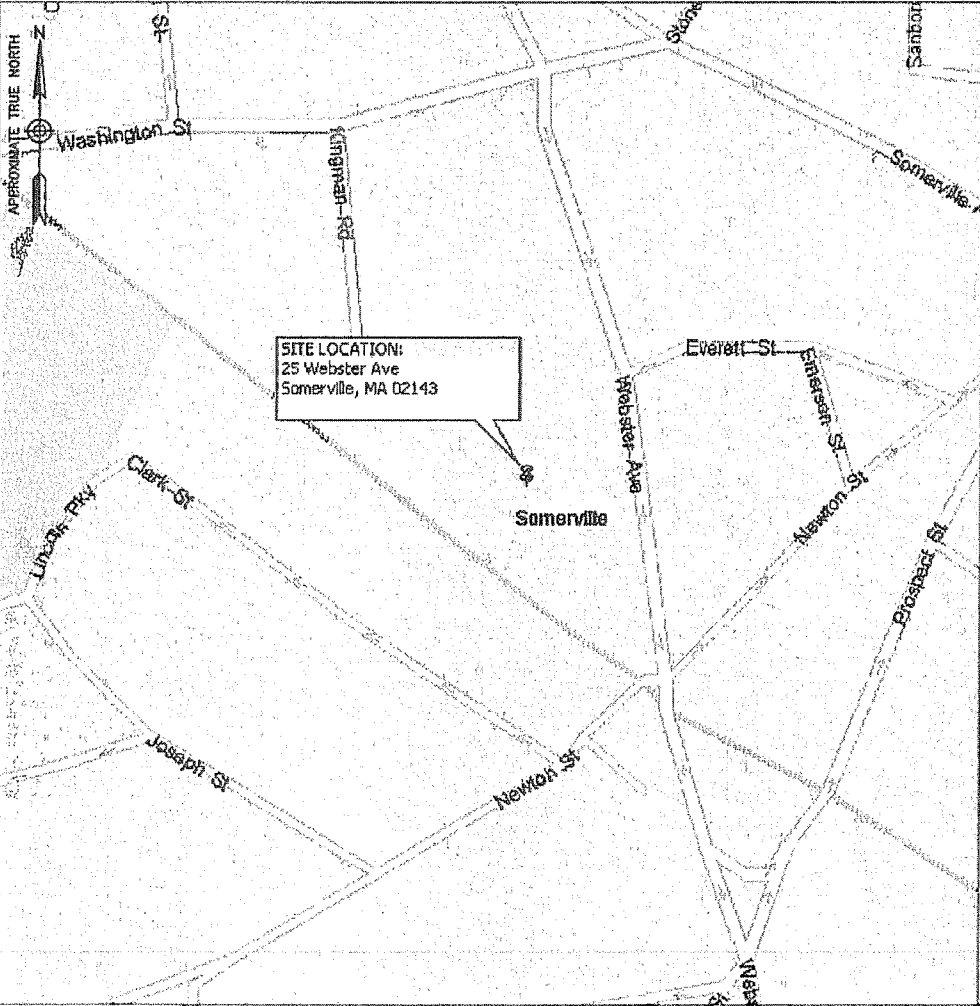
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SITE NAME: WEBSTER COURT
SITE NUMBER: 2242

VICINITY MAP

DIRECTIONS: TAKE THE I-90 E/MASS. PIKE TOWARD BOSTON ONTO I-90 E. TAKE EXIT 18 ON THE LEFT TOWARD CAMBRIDGE ONTO CAMBRIDGE ST. CONTINUE ON RIVER ST BRIDGE/R ST BRIDGE. CONTINUE TO FOLLOW R ST BRIDGE. CONTINUE ON RIVER ST. CONTINUE ON PROSPECT ST. TURN LEFT AT SOMERVILLE AVE. CONTINUE ON UNION SQUARE. TURN LEFT AT WEBSTER AVE. THE SITE WILL BE ON THE RIGHT.



APPLICABLE BUILDING CODES AND STANDARDS

CONTRACTOR'S WORK SHALL COMPLY WITH PROJECT STANDARD NOTES, SYMBOLS AND DETAILS (SEE DRAWING INDEX FOR STANDARD NOTES AND DETAILS INCLUDED WITH TYPICAL DRAWING PACKAGE). CONTRACTOR WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE, AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION (AHJ) FOR THE LOCATION. THE EDITION OF THE AHJ ADOPTED CODES AND STANDARDS IN EFFECT ON THE DATE OF CONTRACT AWARD SHALL GOVERN THE DESIGN.

BUILDING CODE:
MASSACHUSETTS STATE BUILDING CODE (780 CMR)

ELECTRICAL CODE:
NATIONAL ELECTRICAL CODE (NEC 2011)
MASSACHUSETTS ELECTRICAL CODE (527 CMR 12.00)

CONTRACTOR'S WORK SHALL COMPLY WITH THE LATEST EDITION OF THE FOLLOWING STANDARDS.
AMERICAN CONCRETE INSTITUTE (ACI) 318, BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), MANUAL OF STEEL CONSTRUCTION, ASD, NINTH EDITION
TELECOMMUNICATIONS INDUSTRY ASSOCIATION (TIA) 222-G, STRUCTURAL STANDARDS FOR STEEL ANTENNA TOWER AND ANTENNA SUPPORTING STRUCTURES:
TIA 607, COMMERCIAL BUILDING GROUNDING AND BONDING REQUIREMENTS FOR TELECOMMUNICATIONS

INSTITUTE FOR ELECTRICAL AND ELECTRONICS ENGINEERS (IEEE) 81, GUIDE FOR MEASURING EARTH RESISTIVITY, GROUND IMPEDANCE, AND EARTH SURFACE POTENTIALS OF A GROUND SYSTEM
IEEE 1100 (1999) RECOMMENDED PRACTICE FOR POWERING AND GROUNDING OF ELECTRONIC EQUIPMENT

IEEE C62.41, RECOMMENDED PRACTICES ON SURGE VOLTAGES IN LOW VOLTAGE AC POWER CIRCUITS (FOR LOCATION CATEGORY "C3" AND "HIGH SYSTEM EXPOSURE")

TELCORDIA GR-1503, COAXIAL CABLE CONNECTIONS

ANSI T1.311, FOR TELECOM - DC POWER SYSTEMS - TELECOM, ENVIRONMENTAL PROTECTION

FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS REGARDING MATERIAL, METHODS OF CONSTRUCTION, OR OTHER REQUIREMENTS, THE MOST RESTRICTIVE REQUIREMENT SHALL GOVERN. WHERE THERE IS CONFLICT BETWEEN A GENERAL REQUIREMENT AND A SPECIFIC REQUIREMENT, THE SPECIFIC REQUIREMENT SHALL GOVERN.

DRAWING INDEX

REV

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A02	ROOF PLAN	2
A03	SOUTH & EAST ELEVATIONS	2
A04	NORTH & WEST ELEVATIONS	2

THIS DOCUMENT WAS DEVELOPED TO REFLECT A SPECIFIC SITE AND ITS SITE CONDITIONS AND IS NOT TO BE USED FOR ANOTHER SITE OR WHEN OTHER CONDITIONS PERTAIN. REUSE OF THIS DOCUMENT IS AT THE SOLE RISK OF THE USER.

CONTACT & UTILITY INFORMATION

CONTACT	CONTACT	COMPANY	PHONE NO.
ENGINEERING:	GREG H. NAWROTZKI	DEWBERRY	(617) 695-3400
SAC:	DAVE COOPER	SAI COMMUNICATIONS	(603) 305-5641
CONST.:	RICO MARTELL	SAI COMMUNICATIONS	(774) 454-3788
UTILITIES			
POWER:		NSTAR	1-800-592-2000
TELCO:		VERIZON	(800) 941-9900

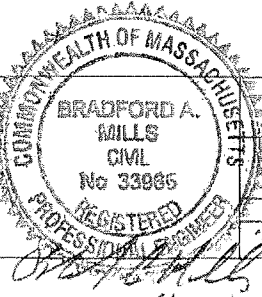
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Dewberry-Goodkind, Inc.
280 SUMMER ST.
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BOSTON, MA 02210
PHONE: 617.695.3400
FAX: 617.695.3310

SAI communications
22 KEEWAYDIN DRIVE
SALEM, NH 03079

WEBSTER COURT
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at&t Mobility
550 COCHITUATE ROAD
SUITES 13 & 14
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NO.	DATE	REVISIONS	BY	CHK	APP'D
2	04/26/11	ISSUED FOR SUBMITTAL	GHN	GHN	PPB
1	04/01/11	ISSUED FOR SUBMITTAL	GHN	GHN	PPB
0	03/31/11	ISSUED FOR REVIEW	GHN	GHN	PPB
SCALE: AS SHOWN					
DESIGNED BY: GHN			DRAWN BY: MR		



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TITLE SHEET

DEWBERRY NO.	DRAWING NUMBER	REV
50019239/50040702	T01	2

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ZONING SUMMARY TABLE

ZONING DISTRICT: RC - RESIDENCE C		
ASSESSORS MAP: 82/B/12 & 82/B/13		
PROPOSED USE: WIRELESS COMMUNICATION FACILITY		
DIMENSION:	REQUIRED:	PROPOSED:
LOT AREA:	7500 S.F.	82/B/12 82/B/13 (13,794 S.F.) (2,568 S.F.)
LOT FRONTAGE:	50'	103'
FRONT YARD SETBACK:	15'	*29'±
SIDE YARD SETBACK:	24'	*23'±
REAR YARD SETBACK:	20'	*30'±
MIN. ROOF EDGE SETBACK TO ANTENNA:	10'-0"	*10'-0"±
* DIMENSIONS MEASURED FROM THE CLOSEST POINT OF EQUIPMENT TO NEAREST LOT LINE.		

DISTRICT BOUNDARIES

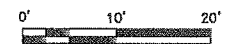
NB -	NEIGHBORHOOD BUSINESS
RB -	RESIDENCE B
RC -	RESIDENCE CORRIDOR
CCD55 -	CORRIDOR COMERCIAL DISTRICT
TOD100 -	TRANSIT ORIENTED DISTRICTS

NOTES:

- SOME EXISTING & PROPOSED INFORMATION NOT SHOWN FOR CLARITY.
- NORTH ARROW SHOWN AS APPROXIMATE.
- PLANS BASED ON DRAWINGS DATED 04-26-03 BY GREENMAN - PEDERSON, INC.
- INSTALL ANTENNAS PER MANUFACTURER RECOMMENDATIONS.
- NO STRUCTURAL ANALYSIS HAS BEEN PERFORMED ON THE PROPOSED ANTENNA CHANGES & BALLAST MODIFICATION. DEWBERRY ASSUMES NO LIABILITY FOR ANY CHANGES UNTIL A STRUCTURAL ANALYSIS IS PERFORMED. LOCATION AND ORIENTATION BASED ON STRUCTURAL ANALYSIS BY LEMESSURIER CONSULTANTS.
- CONTRACTOR & S&I CM TO VERIFY LOCATION OFF REROUTED COAX.
- 500' RADIUS PLAN BASED ON CITY OF SOMERVILLE GIS MAPPING.

500' RADIUS PLAN

SCALE: 1"=10' FOR 11"x17"
1"=5' FOR 22"x34"



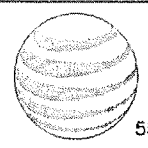
Dewberry-Goodkind, Inc.
280 SUMMER ST.
10TH FLOOR
BOSTON, MA 02210
PHONE: 617.695.3400
FAX: 617.695.3310



22 KEEWAYDIN DRIVE
SALEM, NH 03079

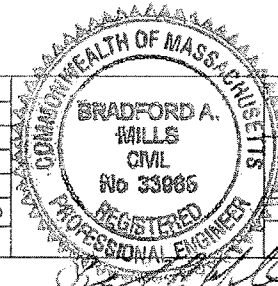
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SCALE: AS SHOWN DESIGNED BY: GHN DRAWN BY: MR					



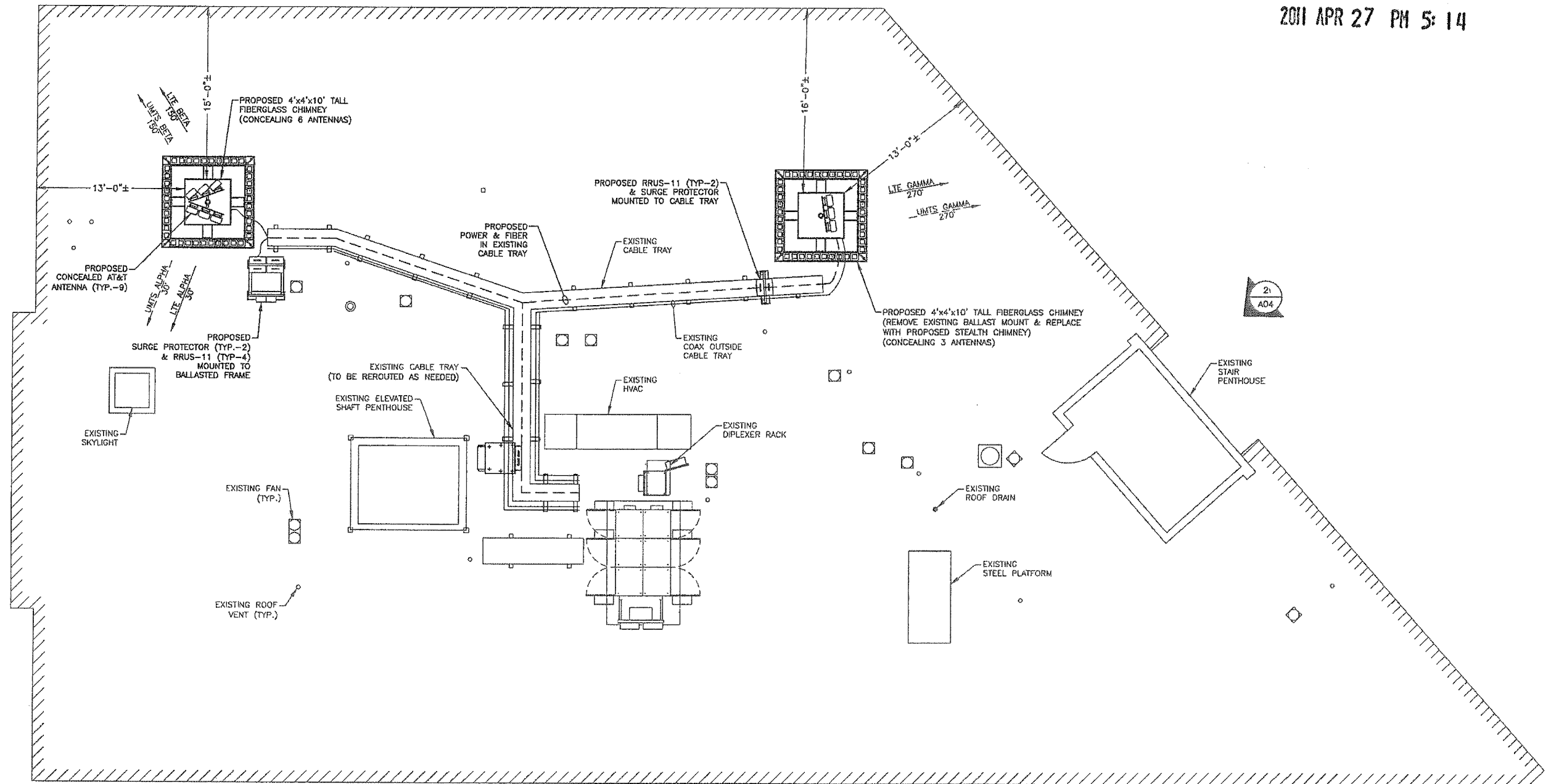
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500' RADIUS PLAN

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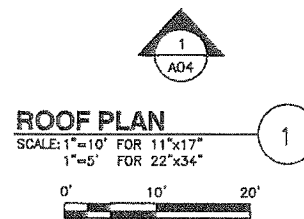
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NOTES:

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3. PLANS BASED ON DRAWINGS DATED 04--28--03 BY GREENMAN - PEDERSON, INC.
4. INSTALL ANTENNAS PER MANUFACTURER RECOMMENDATIONS.
5. NO STRUCTURAL ANALYSIS HAS BEEN PERFORMED ON THE PROPOSED ANTENNA CHANGES & BALLAST MODIFICATION. DEWBERRY ASSUMES NO LIABILITY FOR ANY CHANGES UNTIL A STRUCTURAL ANALYSIS IS PERFORMED. LOCATION AND ORIENTATION BASED ON STRUCTURAL ANALYSIS BY LEMESSURIER CONSULTANTS.
6. CONTRACTOR & SAI CM TO VERIFY LOCATION OFF REROUTED COAX.



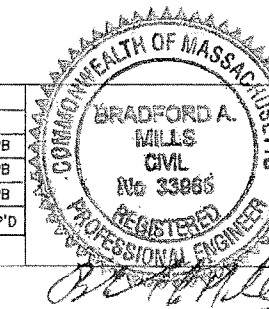
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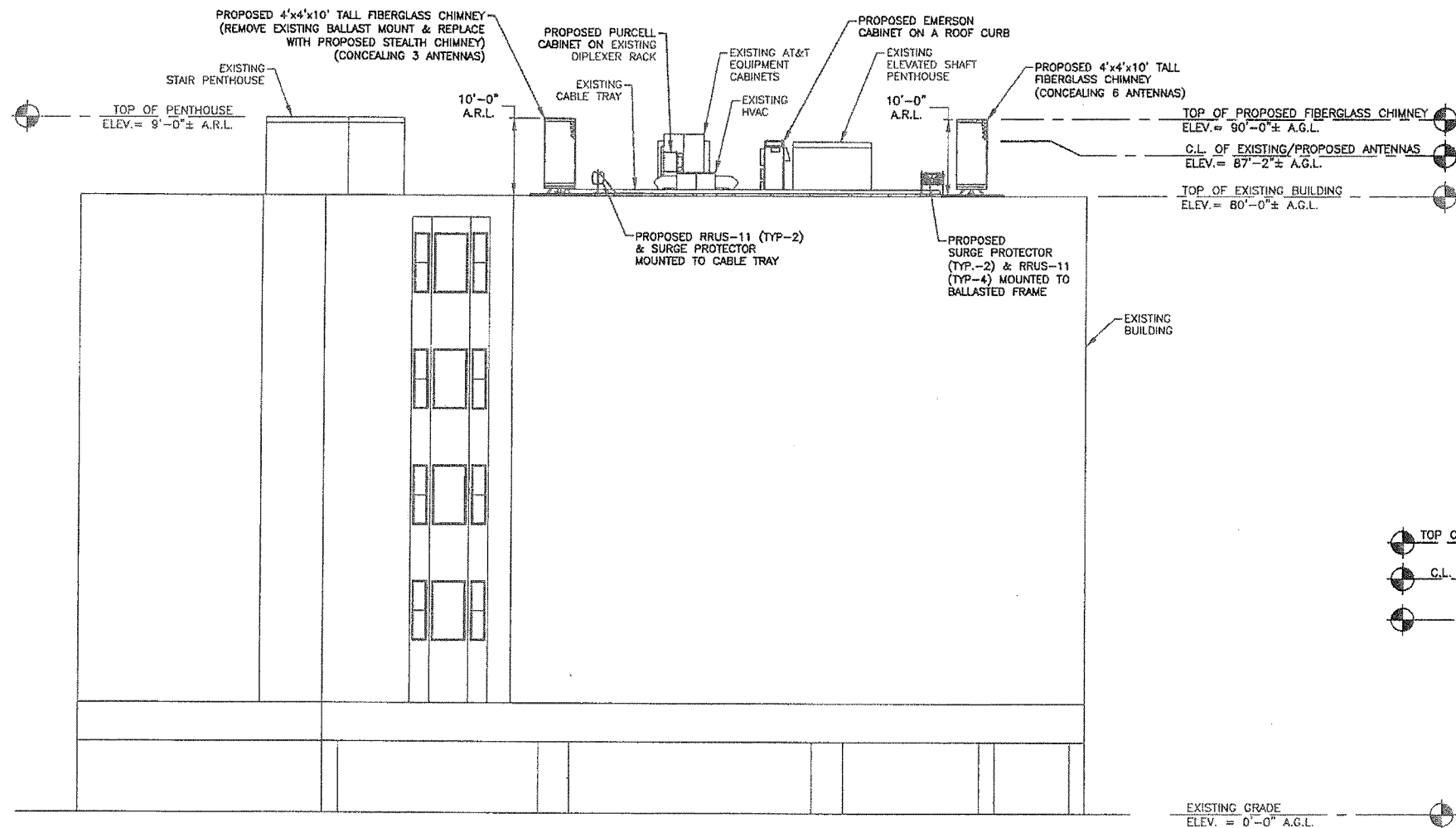
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CONCEPTUAL ROOF PLAN - OPTION 2

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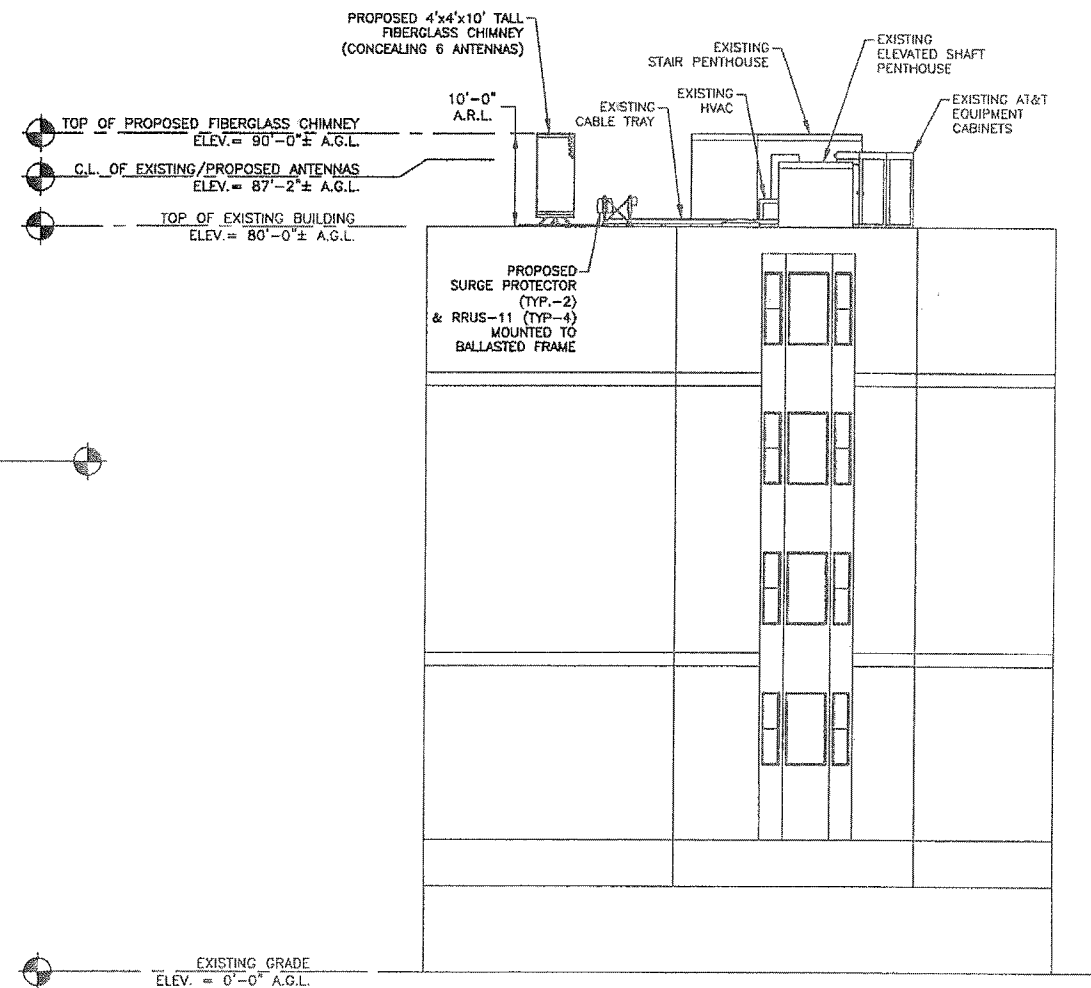
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SOUTH ELEVATION
SCALE: 1"=20' FOR 11"x17"
1"=10' FOR 22"x34"
0' 10' 20'

LEGEND
A.G.L. - ABOVE GROUND LEVEL
A.R.L. - ABOVE ROOF LEVEL
C.L. - CENTER LINE

- NOTES:**
1. SOME EXISTING & PROPOSED INFORMATION NOT SHOWN FOR CLARITY.
 2. NORTH ARROW SHOWN AS APPROXIMATE.
 3. PLANS BASED ON 10-23-08 & DRAWINGS DATED 10-03-02 BY BAY STATE DESIGN.
 4. INSTALL ANTENNAS PER MANUFACTURER RECOMMENDATIONS.
 5. CONTRACTOR TO RE-USE EXISTING (3) BALLAST MOUNTS. INSPECT AND REPLACE ANY DAMAGED MATERIAL.
 6. NO STRUCTURAL ANALYSIS HAS BEEN PERFORMED ON THE PROPOSED ANTENNA CHANGES & BALLAST MODIFICATION. DEWBERRY ASSUMES NO LIABILITY FOR ANY CHANGES UNTIL A STRUCTURAL ANALYSIS IS PERFORMED.



EAST ELEVATION
SCALE: 1"=20' FOR 11"x17"
1"=10' FOR 22"x34"
0' 10' 20'

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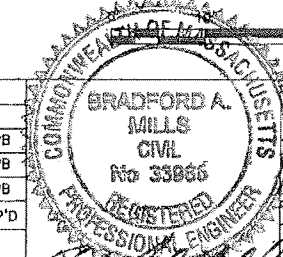
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SCALE: AS SHOWN DESIGNED BY: GHN DRAWN BY: MR



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FRAMINGHAM, MA 01701

SOUTH & EAST ELEVATIONS

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50019239/50040702	A03	2

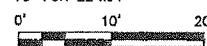
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NORTH ELEVATION

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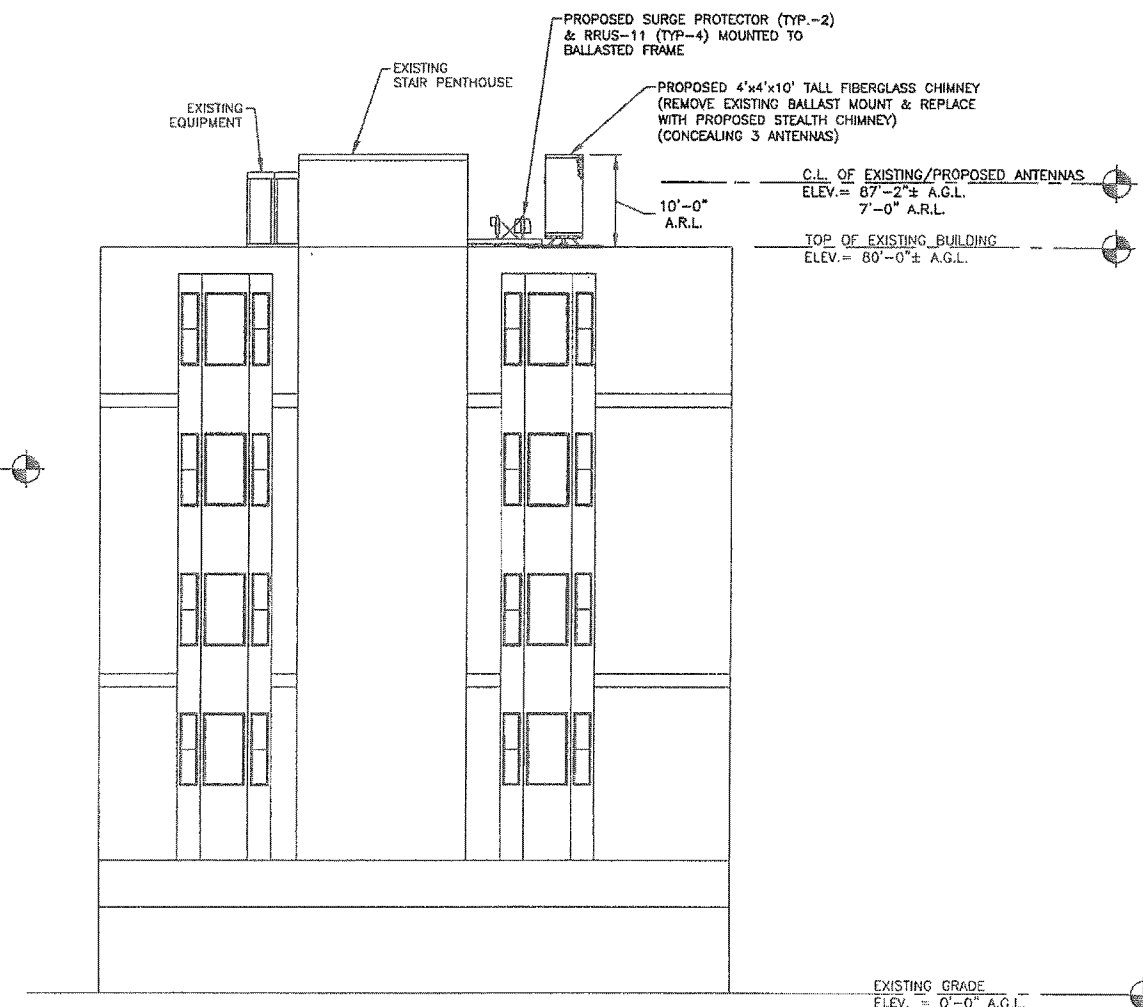


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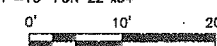
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WEST ELEVATION

SCALE: 1"=20' FOR 11"x17"
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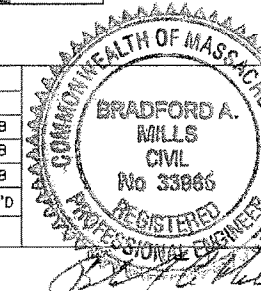
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NORTH & WEST ELEVATIONS

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