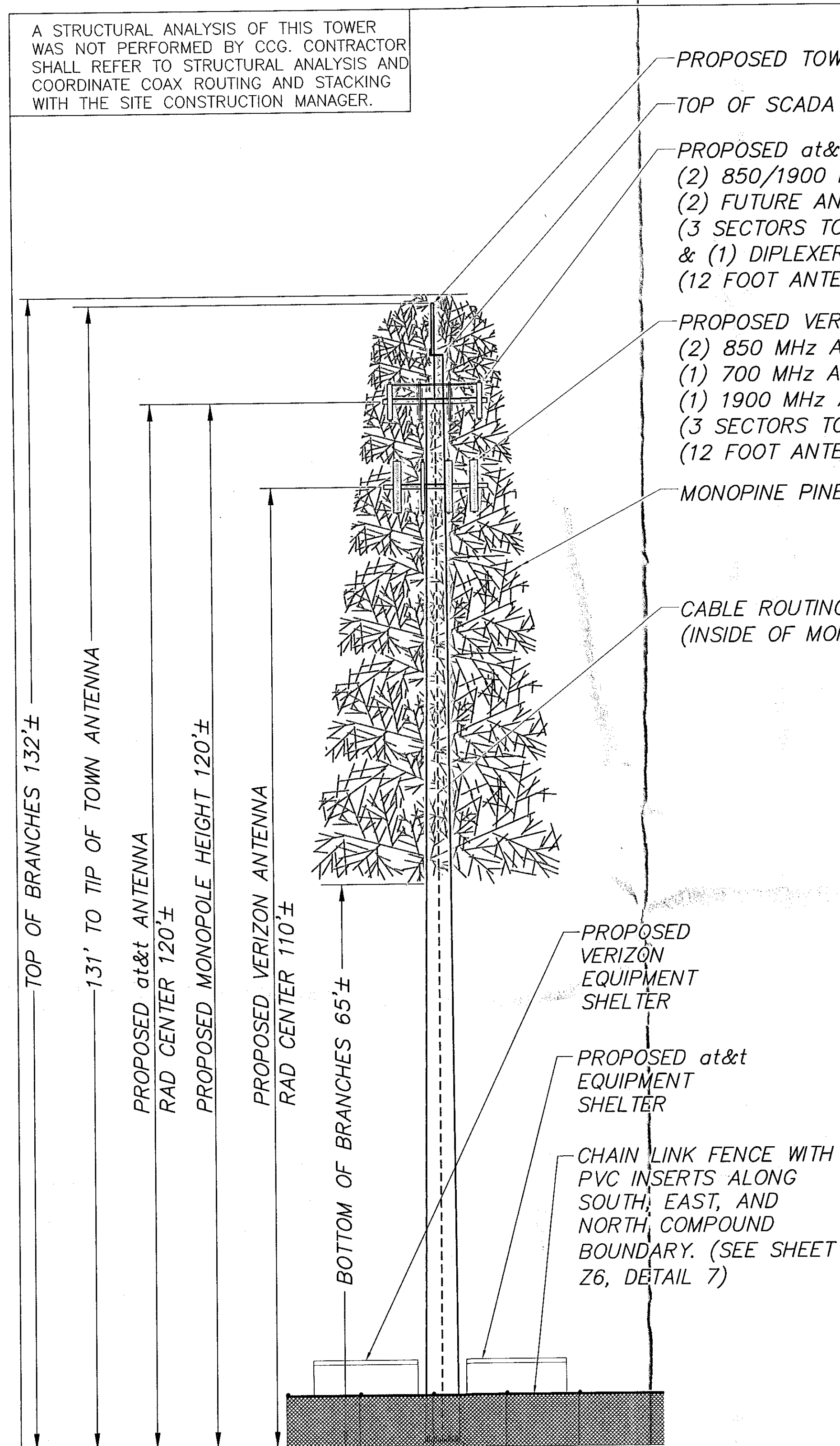
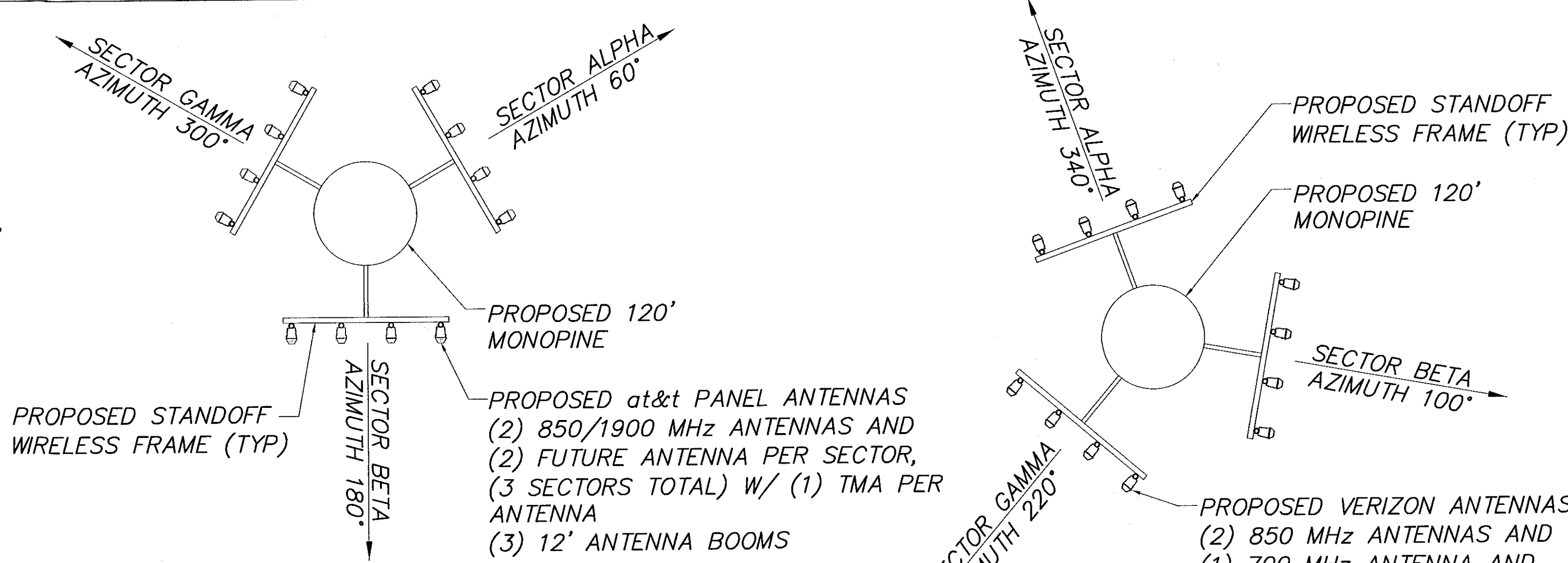




CONCEPTUAL ELEVATION VIEW

SCALE: 1"=10'
(LOOKING NORTH)

MONOPINE DETAIL AND SPECIFICATIONS TO BE PROVIDED BY HOLBEK GROUP AND/ OR TOWER MANUFACTURER PRIOR TO BUILDING PERMIT



NOTES

1. ANTENNA CENTERLINE HEIGHT IS IN REFERENCE TO HEIGHT ABOVE GROUND ELEVATION AT CENTER OF TOWER.
2. CONTRACTOR SHALL OBTAIN AND REVIEW RF DATA/CONFIGURATION FROM at&t WIRELESS RF ENGINEER AND COORDINATE WITH at&t WIRELESS CONSTRUCTION MANAGER THE FURNISHMENT AND INSTALLATION OF ANTENNAS AND APPROPRIATE DOWNTILT BRACKETS.
3. ANTENNA MOUNTS, AND ALL OTHER TOWER SPECIFIC MATERIALS TO BE PROVIDED AND INSTALLED BY CONTRACTOR, UNLESS SPECIFICALLY NOTED OTHERWISE.
4. DURING CONSTRUCTION, THE CONTRACTOR SHALL PROTECT EXISTING EQUIPMENT AND STRUCTURES. ANY DAMAGE WILL BE REPAIRED AT THE CONTRACTORS EXPENSE. CONTRACTOR SHALL NOT LEAVE THE SITE UNSECURED AT ANY TIME.
5. CONTRACTOR SHALL COMPILER A SCHEDULE OF ALL NECESSARY TOWER SPECIFIC MATERIALS (ANTENNA MOUNTS, MOUNTING HARDWARE, COAXIAL CABLES, ANTENNAS, ETC.) AND PROVIDE TO at&t WIRELESS CONSTRUCTION MANAGER FOR USE IN TOWER STRUCTURAL ANALYSIS (IF APPLICABLE).

PROPOSED at&t ANTENNA CONFIGURATION AND COAXIAL CABLE SCHEDULE									
SECTOR	BAND	ANTENNA	ANTENNA HEIGHT	AZIMUTH	COAX TYPE	COAX LENGTH	TMA	DIPLEXER	JUMPER
ALPHA	850 MHz/1900 MHz	(2) DBXLH-9090C-VTM	120' AGL	60°	(2) CR1873-PE (2) CR1873-PE	160'± 160'±	(2)	(2)	(4)
BETA	850 MHz/1900 MHz	(2) DBXLH-9090C-VTM	120' AGL	180°	(2) CR1873-PE (2) CR1873-PE	160'± 160'±	(2)	(2)	(4)
GAMMA	850 MHz/1900 MHz	(2) DBXLH-9090C-VTM	120' AGL	300°	(2) CR1873-PE (2) CR1873-PE	160'± 160'±	(2)	(2)	(4)

COAX LENGTH INCLUDES SAFTEY FACTOR OF 20 FT. (10 FT. AT BOTH ENDS OF COAXIAL CABLE RUN)

PROPOSED VERIZON ANTENNA CONFIGURATION AND COAXIAL CABLE SCHEDULE						
SECTOR	BAND	ANTENNA	ANTENNA HEIGHT	AZIMUTH	COAX TYPE	COAX LENGTH
ALPHA	850 MHz 700 MHz 1900 MHz	(2) V7C-FR0-860-0 (1) X7C-FR0-860-2 (1) AXP20-60-2	110' AGL	340°	(2) AVA7 (2) AVA7 (2) AVA7	TBD TBD TBD
BETA	850 MHz 700 MHz 1900 MHz	(2) V7C-865-2 (1) X7C-FR0-860-2 (1) AXP20-60-2	110' AGL	100°	(2) AVA7 (2) AVA7 (2) AVA7	TBD TBD TBD
GAMMA	850 MHz 700 MHz 1900 MHz	(2) V7C-865-2 (1) X7C-FR0-860-2 (1) AXP20-60-0	110' AGL	220°	(2) AVA7 (2) AVA7 (2) AVA7	TBD TBD TBD

CONTRACTOR TO VERIFY RF DATA WITH CONSTRUCTION MANAGER AND/OR RF ENGINEER PRIOR TO INSTALLATION.

ANTENNA AND CABLE CONFIGURATION DETAIL

PROPOSED TOWN OF BETHLEHEM ANTENNA CONFIGURATION				
ANTENNA	ANTENNA HEIGHT	AZIMUTH	COAX TYPE	COAX LENGTH
PHOENIX CONTACT RAD-ISM-900- ANT-OMNI-FG-6-N	131' AGL	N/A	7/8"	TBD

at&t
at&t WIRELESS
5841 BRIDGE STREET
EAST SYRACUSE, NY 13057

GENERAL DYNAMICS
Information Technology
77 "A" STREET
NEEDHAM, MA 02494
PHONE: (718) 455-4836

CICG CARPENTER CONSULTING GROUP
DEVELOPMENT DESIGN
RESIDENTIAL|COMMERCIAL|WIRELESS|ENERGY
17 Industrial Street | Rochester, NY 14614
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www.carpentercg.com

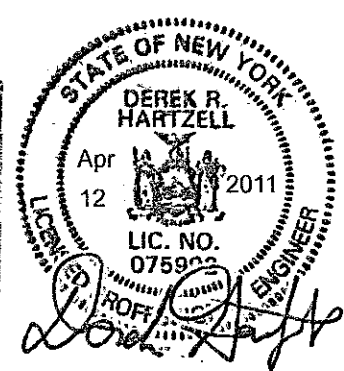
IT IS A VIOLATION OF LAW FOR ANY PERSON UNLESS THEY ARE ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER TO ALTER THIS DOCUMENT, UNLESS SPECIFICALLY AGREED TO BY THE ENGINEER IN WRITING. THE ENGINEER DISCLAIMS ALL LIABILITY ASSOCIATED WITH THE REUSE, ALTERATION OR MODIFICATION OF THE CONTENTS HEREIN.

DESIGNED BY: DRB	DATE: 5/5/09
APPROVED BY: DWC	A&E PROJECT #: 09-BV-172

REVISIONS		
12.	4/5/11	ROTATED AT&T SHELTER
11.	4/1/11	REVISED PER REDLINES
10.	3/30/11	REVISED PER REDLINES
9.	3/3/11	REVISED PER REDLINES
8.	2/7/11	REVISED PER REDLINES
7.	2/3/11	REVISED PER REDLINES
NO.	DATE	DESCRIPTION

RECEIVED
MAY 2 2011
Town of Bethlehem
Planning Board

PLANNING BOARD
TOWN OF BETHLEHEM
ALBANY COUNTY, NEW YORK
This Site Plan Approved.
George J. J...
Title: *Chairman*
Date: *May 12, 2011*



SITE NAME:	ESCO TOWER DELMAR-VAN DYKE ROAD
SITE NUMBER:	A-04-010
SITE ADDRESS:	75 VAN DYKE ROAD DELMAR, NEW YORK 12054
SITE TYPE:	RAW LAND

SHEET TITLE:	ELEVATION
DRAWING #:	Z5
REVISION:	12