STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL
Ten Franklin Square, New Britain, CT 06051
Phone: (860) 827-2935 Fax: (860) 827-2950
E-Mail: siting.council@ct.gov
Web Site: portal.ct.gov/csc

VIA ELECTRONIC MAIL

March 19, 2021

Daniel Patrick, Esq.
Cuddy & Feder, LLP
445 Hamilton Avenue, 14th Floor
White Plains, New York 10601

RE: **EM-CING-034-210219 -** New Cingular Wireless PCS, LLC (AT&T) notice of intent to modify an existing telecommunications facility located at 52 Stadley Rough Road, Danbury, Connecticut.

Dear Attorney Patrick:

The Connecticut Siting Council (Council) received a notice of intent to modify the above-referenced facility on February 19, 2021.

Please be advised that the Council approved AT&T's request for shared use of the facility, including, but not limited to, the installation of a natural gas emergency backup generator, on March 7, 2014. AT&T's request may be accessed at the following link: https://portal.ct.gov/-/media/CSC/2_EMS-medialibrary/Danbury/StadleyRoughRoad/ATT_CING/tscing034140220filingStadleyRoughRdpdf.pdf

According to Section 16-50j-71 of the Regulations of Connecticut State Agencies, "…any modification, as defined in Section 16-50j-2a of the Regulations of Connecticut State Agencies, to an existing tower site, except as specified in Sections 16-50j-72 and 16-50j-88 of the Regulations of Connecticut State Agencies, may have a substantial adverse environmental effect."

Staff has reviewed this exempt modification request for completeness and has identified that the request is not in compliance with the Connecticut Superior Court's Stipulation for Judgment (Stipulation) dated January 6, 2010 specific to this facility (see attached). The Stipulation requires all modifications to this facility to comply with the following conditions:

1. In the event a future co-locating tenant seeks to modify the facility by adding additional backup power, such parties shall use a fuel cell to the extent such technology is readily available for use and meets the backup power requirements for the site. If a fuel cell is not used, a future co-locating tenant shall provide written notice to the City of Danbury and to Jose and Christina Carvalheiro (Carvalheiros) explaining the reasons why such technology is not then readily available for such intended use;
2. Any permanent diesel, propane or natural gas power backup generators will be considered as a secondary option and if used must be baffled, and cycling times shall be scheduled between the hours of 9am to 5pm weekdays;
3. All equipment is to be installed, in an equipment shelter with a pitched roof and cedar siding; and
4. Notice of any modifications is required to be provided to the City of Danbury and the Carvalheiros.

The inconsistencies identified in the exempt modification request include but are not limited to the following:

- Written notice to the City of Danbury and to the Carvalheiros explaining the reasons why fuel cell technology is not readily available for such intended use is not evident per Condition No. 1 above;
- Clarification on whether the proposed diesel power backup generator would be baffled and cycling time scheduled between 9 AM and 5 PM is not evident per Condition No. 2 above;
- The proposed generator on a concrete pad as shown on Construction Drawing Sheet No. A-1 is inconsistent with Condition No. 3 above; and
- There is no indication that notice was provided to the Carvalheiros in compliance with Condition No. 4 above.

Therefore, the exempt modification request is incomplete at this time. The Council recommends that AT&T provide a revised request that is in compliance with the conditions of the Stipulation referenced above, on or before April 16, 2021. If additional time is needed to gather the requested information, please submit a written request for an extension of time prior to April 16, 2021. **Please provide an electronic version of the requested information for the incomplete exempt modification to be rendered complete and processed. Please include the Council's exempt modification identification number referenced above with the submittal.**

This notice of incompletion shall have the effect of tolling the Federal Communications Commission (FCC) 60-day timeframe in accordance with Paragraph 217 of the FCC Wireless Infrastructure Report and Order issued on October 21, 2014 (FCC 14-153).

Thank you for your attention to this matter. Should you have any questions, please feel free to contact me at 860-827-2951.

Sincerely,

s/Melanie A. Bachman

Melanie A. Bachman
Executive Director

MAB/FC/emr

Enclosures: Court Stipulation dated January 6, 2010

DOCKET NO.: CV-09-4021287-S	:	SUPERIOR COURT
CITY OF DANBURY, JOSE CARVALHEIRO, and CHRISTINA CARVALHEIRO	:	JUDICIAL DISTRICT
Plaintiffs,		
	:	OF NEW BRITAIN
v.	:	
STATE OF CONNECTICUT SITING COUNCIL, OPTASITE TOWERS, LLC (currently known as SBA Towers II, LLC), and OMNIPOINT COMMUNICATIONS INC (currently known as T-Mobile Northeast, LLC)	:	AT NEW BRITAIN
Defendants.	:	JANUARY 6, 2010

STIPULATION FOR JUDGMENT

IT IS STIPULATED, by and between the undersigned Parties that:

The Parties consent and stipulate that a Judgment in the form set forth below shall be entered by the Court at any time following the date of filing of this Stipulation, without further notice to any party or other proceeding. Said Judgment shall be determinative of the rights of the undersigned parties against or to each other in the above-entitled action regarding the subject matter of the decision of the State of Connecticut Siting Council (Council) in Council Docket No. 366 and the application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a telecommunications facility at 52 Stadley Rough Road in Danbury, Connecticut. By executing this Stipulation, the Parties expressly declare that they fully understand the terms of the Judgment to be entered as set forth below, and agree and desire to be bound thereby.

JUDGMENT ON STIPULATION

Plaintiffs CITY OF DANBURY and JOSE and CHRISTINA CARVALHEIRO ("Carvalheiros"), the Defendants STATE OF CONNECTICUT SITING COUNCIL ("Council"), OPTASITE TOWERS, LLC. (now known as SBA TOWERS II, LLC)("SBA"), and OMNIPOINT COMMUNICATIONS, INC. (now known as T-MOBILE NORTHEAST, LLC)("T-Mobile") (collectively called "the Parties"), through their respective attorneys, have consented to the making and entry of this judgment in settlement of the above-captioned administrative appeal of the final decision in Council Docket No. 366;

1. With the consent of the Parties, the Court hereby AFFIRMS the Council's Findings of Fact in its final decision in Council Docket No. 366.

2. With the consent of the Parties, the Court hereby AFFIRMS the Council's opinion and its final decision in Council Docket No. 366.

3. With the consent of the Parties, the Court hereby APPROVES Exhibit A to this Stipulation, consisting of a revised and amended Development & Management Plan ("D&M Plan"), which includes construction drawings prepared by CHA Companies and included in Exhibit A and as dated/last revised as noted in the chart also included in Exhibit A. Future modifications to the D&M Plan as may be necessitated by the City of Danbury Building Department, construction, or other subsequent modifications sought by SBA, T-Mobile or third parties shall be reviewed by the Council subject to the Council's regulatory processes and any jurisdictional limits and subject to the conditions herein. Any field changes, D&M Plan amendments or exempt modifications will be subject to the requirement that Defendant SBA, or its authorized agents, provide notice to the Plaintiff City of Danbury with an opportunity to be heard prior to any Council action thereon, and

also shall be subject to any other required City permit(s) for such field changes, construction or facility site modifications. The Siting Council shall not acknowledge any future exempt modification notices or approve any tower sharing requests unless it determines that the proposed antennas are flush mounted to the tower and any new equipment is installed within the fenced compound in a manner consistent with the D&M Plan and this Stipulated Judgment which confirms the Council's April 2009 Decision & Order. Any other proposed modifications, applications and new and/or amended certificates must be designed to the greatest extent feasible to be consistent with the D&M Plan and this Stipulated Judgment, and the burden of proof for any proposed deviation shall be on the applicant(s) before the Council to demonstrate that such compliance is not feasible. The requirements set forth in the previous sentence may be waived by the City in its discretion. Any such future modifications to the D&M Plan shall not require review by this Court as part of this Stipulated Judgment. Notwithstanding any other provision herein to the contrary, the height of the tower (140 feet as agreed to in this Stipulated Judgment), shall not be increased for any reason, unless consented to by the City.

4. With the consent of the Parties, the Court hereby APPROVES a name change and/or transfer of the Certificate issued in Docket No. 366 to SBA Towers II, LLC.

5. The City of Danbury hereby affirms that, other than issuance of a building permit and certificate of occupancy by the City of Danbury Building Official pursuant to Sections 29-263 and 29-265 of the State Building Code and the review and approval of a "B100a" plan pursuant to Section 19-13-B100a of the State Public Health Code and a determination of the City Health Department that a code complying reserve area exists for the existing church at 52 Stadley Rough Road, no other City permits, approvals or consents are or will be required for the cellular tower

facility as approved by the Council in Docket 366 and as shown in the revised and amended D&M Plan. Attached hereto and incorporated herein are the City Building Permit (foundation only/tower component pending) and B100a approvals for the cellular tower facility.

6. In the event, SBA, T-Mobile or a future co-locating tenant of SBA seeks to modify the facility by adding additional backup power, such parties shall use a fuel cell to the extent such technology is readily available for use and meets the backup power requirements for the site. If a fuel cell is not used, SBA, T-Mobile or a future co- locating tenant shall provide written notice to the City and to the Carvalheiros explaining the reasons why such technology is not then readily available for such intended use. Any permanent diesel, propane or natural gas power backup generators will be considered a secondary option and if used must be baffled, and the cycling times shall be scheduled between the hours of 9am and 5pm weekdays.

7. Plaintiff JOSE AND CHRISTINA CARVALHEIRO shall be named as additional insureds under all insurance policies required to be maintained by SBA concerning the facility site, insuring the Carvalheiros against any damages for bodily injury and injury to property, with minimum coverage limits of $1,000,000 per occurrence, solely to the extent such damages or injuries are determined to be caused in whole or in part by the negligent or wrongful acts or omissions of SBA, and excluding damages or injuries arising solely out of the Carvalheiros' negligence or own actions or omissions. Such policies shall provide for at least thirty (30) days' written notice to the Carvalheiros of expiration; in case of expiration, new policies containing the same terms and conditions as referenced above shall be issued no later than the expiration date of the expiring policy. The Carvalheiros shall receive at least annual written notice of such coverages by certified mail, return receipt requested.

8. Each of the undersigned signatories has been duly authorized to execute and enter into this Stipulation on behalf of the Parties by their respective clients, companies, and/or members and this Stipulation shall be fully binding on each Parties' successors, assigns, members and officials.

9. Each of the Parties, in consideration of the terms and provisions hereof, and other good, valuable and sufficient consideration, the receipt of which is hereby acknowledged by each of the Parties, hereby covenants not to sue and hereby fully and forever does release and discharge the other Parties, as well as their affiliates, parent companies, subsidiaries, employees, officers, directors, members, administrators, agents, attorneys, predecessors, successors and/or assigns, from all actions, causes of action, suits, debts, dues, sums of money, accounts, reckonings, bonds, bills, specialties, covenants, contracts, controversies, agreements, promises, variances, trespasses, damages, judgments, extents, executions, claims and demands whatsoever, whether known or unknown, in law, admiralty or equity, which any of the Parties now has or hereafter can, shall, or may have against the other Parties by reason of anything or cause from the beginning of the world to the date hereof with respect to any matter concerning or arising out of the subject matter of the above-captioned action. However, the terms of this release shall not release, or in any way affect, the obligations of each of the Parties under this Stipulated Judgment. Moreover, the terms of this release shall not release, or in any way affect, the obligations of SBA and T-Mobile under any separate agreement concerning or relating to the lease and/or operation of the cellular tower facility at issue in this action.

10. This Court shall retain continuing jurisdiction to enforce the terms and conditions of this Stipulation for Judgment. In the event any party hereto is found by the Court to be in violation of any term of this Stipulation for Judgment (including but not limited to a failure to adhere to the

plans attached at Exhibit A), the prevailing party shall be entitled to reasonable attorney's fees and costs.

11. This Judgment shall be effective immediately upon entry.

12. This Judgment shall be binding on the parties, their heirs, successors and assigns, and the City shall record the Judgment on the Danbury Land Records for the parcel at 14 Indian Spring Road within ten (10) days of entry of the Judgment by the Court.

13. Nothing in this Stipulated Judgment shall be construed as an approval by the City or the Carvalheiros of the tower facility which is the subject of this proceeding.

PLAINTIFF
CITY OF DANBURY

By _____
Robin L. Edwards, Esq.
Assistant Corporation Counsel
City of Danbury
155 Deer Hill Avenue
Danbury, CT 06810
Phone: (203)797-4518

_____
Date

Duly approved by the City of Danbury:

By _____
Mark D. Boughton, Mayor
Date: _____, 2010

PLAINTIFFS
JOSE AND CHRISTINA CARVALHEIRO

By: _____
Daniel Casagrande, Esq.
Cramer & Anderson, LLP
30 Main Street, Suite 303
Danbury, CT 06801
(203) 744-1234

_____
Date

DEFENDANT
STATE OF CONNECTICUT
SITING COUNCIL

By: _____
Robert L. Marconi, Esq. (404518)
Assistant Attorney General
10 Franklin Square
New Britain, CT 06051
Tel (860) 827-2682

18 March 2010
Date

DEFENDANTS
OPTASITE COMMUNICATIONS, LLC
(SBA TOWERS II, LLC)
OMNIPOINT COMMUNICATIONS, INC.
(T-MOBILE NORTHEAST, LLC)

By:_____
Christopher B. Fisher, Esq. (409919)
Cuddy & Feder, LLP
445 Hamilton Avenue
White Plains, NY 10601
Tel (914) 761-1300

_____
Date

EXHIBIT A

PROJECT SUMMARY

SITE NAME	DANBURY-1
SITE ADDRESS:	52 STADLEY ROUGH ROAD DANBURY, CT 06811
JURISDICTION:	CT SITING COUNCIL
COUNTY.	FAIRFIELD COUNTY
PROPERTY OWNER:	CHRIST THE SHEPARD CHURCH PCA
APPLICANT:	SBA TOWERS II LLC 5900 BROKEN SOUND PARKWAY BOCA RATON, FL 33487-2797 OFFICE: (561) 226-9523 FAX: (561) 226-3572
HOLLIS REDDING	(203) 464-3623
SITE COORDINATES:	2C
LATITUDE: LONGITUDE: ELEVATION:	N 41° 25' 59.17" (NAD 83) W 73° 25' 54.90" (NAD 83) 547' (NAVD 88)
OCCUPANCY:	UNMANNED
CONSTRUCTION TYPE:	RAW LAND

HANDICAPPED REQUIREMENTS

FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION.
HANDICAP ACCESS NOT REQUIRED

PLUMBING REQUIREMENTS

FACILITY HAS NO PLUMBING.

CONSULTING TEAM

ARCHITECTURAL - ENGINEERING FIRM:
CHA
2139 SILAS DEANE HIGHWAY, SUITE 212, ROCKY HILL, CT 06067
CONTACT: PAUL LUSITANI
PHONE: (860) 257-4557 FAX: (860) 257-7514

SURVEYING FIRM:
CHA
2139 SILAS DEANE HIGHWAY, SUITE 212, ROCKY HILL, CT 06067
CONTACT: PAUL LUSITANI
PHONE: (860) 257-4557 FAX: (860) 257-7514

TELEPHONE COMPANY:
AT&T
1441 NORTH COLONY ROAD, MERIDEN, CT
CONTACT: UKNOWN
PHONE: UNKNOWN

POWER COMPANY:
CI&P
CONTACT: UNKNOWN
PHONE: UNKNOWN

ELECTRICAL ENGINEER:
CHA
2139 SILAS DEANE HIGHWAY, SUITE 212, ROCKY HILL, CT 06067
CONTACT: PAUL LUSITANI
PHONE: (860) 257-4557 FAX: (860) 257-7514

SBA

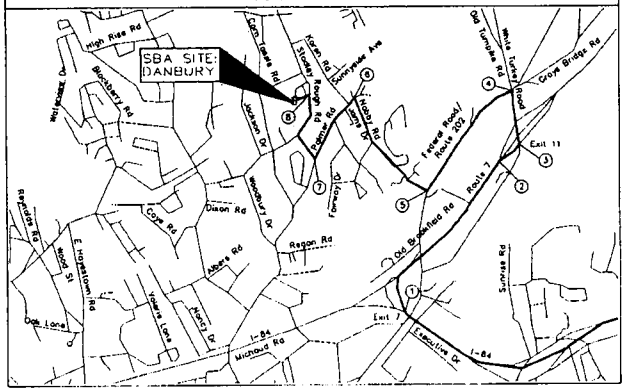
SITE NAME
DANBURY-1

SITE I.D.
CT13549

E911 ADDRESS
52 STADLEY ROUGH ROAD
DANBURY, CT 06811

PROJECT TYPE
140' MONOPOLE
TOWER HEIGHT NOT TO EXCEED 140'

VICINITY MAP



DRIVING DIRECTIONS

FROM I-84 WEST:

1. TAKE EXIT 7 TOWARDS ROUTE 7 NORTH
2. TAKE EXIT 11 OFF OF ROUTE 7
3. TURN LEFT ON WHITE TURKEY ROAD
4. TURN LEFT ON FEDERAL ROAD / ROUTE 202
5. TURN RIGHT ON NOBBY ROAD
6. TURN LEFT ON PALMER ROAD
7. TURN RIGHT ON STADLEY ROUGH ROAD
8. SITE WILL BE ON THE LEFT BEHIND THE CHURCH

SHEET SCALE FACTOR:
PLOT SIZE:
11"x17": "TO SCALE"
24"x36": 1/2 SCALE AS NOTED

CALL before you DIG
811
1-800-922-4455

SHEET INDEX

NO.	DESCRIPTION	REV.	REV. DATE
T-1	TITLE SHEET	E	01/04/10
T-2	ABBREVIATIONS & SYMBOLS LEGEND	D	11/30/09
GN-1	GENERAL NOTES	D	11/30/09
C-1	SITE PLAN	D	11/30/09
C-1A	CONSTRUCTION PHASING PLAN AND NOTES	E	12/16/09
C-2	PHOTO PLAN	D	11/30/09
C-3	SITE GRADING PLAN	E	12/16/09
C-4	ENLARGED SITE PLAN	D	11/30/09
C-4A	FOUNDATION EXCAVATION PLAN	D	11/30/09
C-5	SITE ELEVATIONS	D	11/30/09
C-6	SITE DETAILS	D	11/30/09
C-7	FENCE DETAILS	D	11/30/09
C-8	FENCE DETAILS	D	11/30/09
L-1	LANDSCAPE PLAN	E	01/04/10
L-2	LANDSCAPE DETAILS	D	11/30/09
L-3	ECOLOGICAL ENHANCEMENT PLAN	D	11/30/09
E-1	UTILITY SITE PLAN	D	11/30/09
E-2	UTILITY DETAILS	E	12/18/09
E-3	SINGLE-LINE DIAGRAM & PANEL SCHEDULE	E	12/18/09
EG-1	GROUNDING PLAN & DETAILS	D	11/30/09
EG-2	GROUNDING DETAILS	D	11/30/09
EG-3	GROUNDING DETAILS	D	11/30/09

ENGINEER'S LICENSE

I CERTIFY THAT THESE DRAWINGS WERE PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND CONTROL AND TO THE BEST OF MY KNOWLEDGE AND BELIEF COMPLY WITH THE REQUIREMENTS OF APPLICABLE BUILDING CODES

LICENSED ENGINEER - STATE OF CT

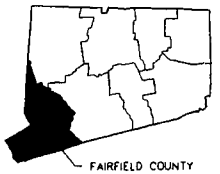
01/04/10
DATE

APPROVALS

LANDLORD		DATE

STATE COUNTY MAP

CONNECTICUT



SBA
SBA TOWERS II LLC
5900 BROKEN SOUND
PARKWAY, NW
BOCA RATON, FL 33487-2797
TEL: (561) 226-9523
FAX: (561) 226-9368

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A&E PROJECT #.	15363-1030-1601
DRAWN BY.	PAL
CHECKED BY	JPS

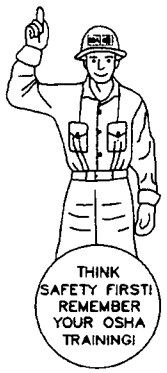
REVISIONS

NO	DATE	DESCRIPTION
5	01/04/10	REVISED PER TOWN COMMENTS
4	11/30/09	REVISED PER TOWN COMMENTS
3	10/21/09	REVISED PER TOWN COMMENTS
2	10/06/09	REVISED TOWER FOUNDATION
1	08/21/09	ISSUED FOR CONSTRUCTION

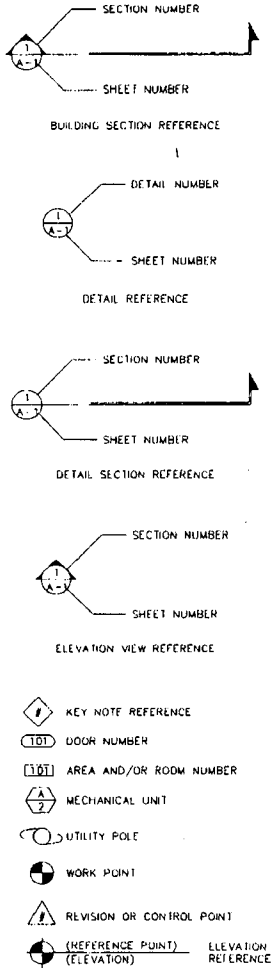
PROJECT No.	15363-1030-1601
SITE NAME.	DANBURY-1
SITE NUMBER.	CT13549
SITE ADDRESS	52 STADLEY ROUGH ROAD DANBURY, CT 06811
DESIGN TYPE.	RAW LAND
SHEET TITLE:	TITLE SHEET
DRAWING NO.	T-1
REVISION	E

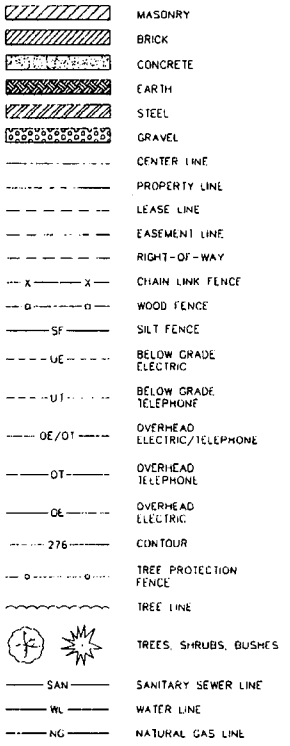
ABBREVIATIONS

AB	ANCHOR BOLT	GR	GRADE	SIM	SIMILAR
AC	ASPHALTIC CONCRETE	GYP	GYPSUM	SPECS	SPECIFICATIONS
A/C	AIR CONDITIONING	GFCI	GROUND FAULT CIRCUIT INTERRUPT	SS	STAINLESS STEEL
ADJ	ADJUSTABLE			STL	STEEL
A.F.F.	ABOVE FINISH FLOOR	GND	GROUND	STOR	STORAGE
ARCH	ARCHITECTURAL	HC	HOLLOW CORE	STRUCT	STRUCTURAL
APPROX	APPROXIMATELY	HDW	HARDWARE	SUSP	SUSPENDED
A.G.L.	ABOVE GRADE LEVEL	HTR	HEATER	SW	SWITCH
A.M.S.L.	ABOVE MEAN SEA LEVEL	HM	HOLLOW METAL	SWBD	SWITCHBOARD
BD	BOARD	HORIZ	HORIZONTAL	THK	THICK
BLDG	BUILDING	HR	HOUR	TI	TENANT IMPROVEMENT
BLKG	BLOCKING	HT	HEIGHT	TMA	TOWER MOUNTED AMPLIFIER
BOT	BOTTOM	HV	HIGH VOLTAGE	TOS	TOP OF SURFACE
BSMT	BASEMENT	ID	INSIDE DIMENSION	TS	TUBE STEEL
BTS	BASE TRANSCEIVER STATION	INS	INSULATION	TYP	TYPICAL
		INT	INTERIOR	U	UNDERGROUND
C	COURSE(S)	JT	JOINT	UNO	UNLESS NOTED OTHERWISE
CEM	CEMENT	LAM	LAMINATED		
CL	CHAIN LINK	LBS	POUNDS	VCT	VINYL COMPOSITION TILE
CLG	CEILING	LT	LIGHT		
CLR	CLEAR	LA	LIGHTNING ARRESTOR		
COL	COLUMN	LNA	LOW NOISE AMPLIFIER	VERT	VERTICAL
CONC	CONCRETE	MFR	MANUFACTURER	V.I.F.	VERIFY IN FIELD
CONST	CONSTRUCTION	MAT	MATERIAL	VG	VERTICAL GRAIN
CONT	CONTINUOUS	MAX	MAXIMUM	W/	WITH
CORR	CORRIDOR	MECH	MECHANICAL	WD	WOOD
CO	CONDUIT ONLY	MIN	MINIMUM	WR	WATER RESISTANT
DIA	DIAMETER	MISC	MISCELLANEOUS	WT	WEIGHT
DBL	DOUBLE	ML	METAL LATH	XFMR	TRANSFORMER
DEPT	DEPARTMENT	MO	MASONRY OPENING	@	AT
DEMO	DEMOLITION	MS	MACHINE SCREW	[	CHANNEL
DIM	DIMENSION	MTD	MOUNTED	℄	CENTERLINE
DN	DOWN	MTL	METAL	∠	ANGLE
DR	DOOR	(N)	NEW	R	PROPERTY LINE
DTL	DETAIL	NIC	NOT IN CONTRACT		
DWG	DRAWING	NO	NUMBER		
(E)	EXISTING	NTS	NOT TO SCALE		
EA	EACH	O	OVERHEAD		
ELEC	ELECTRIC	OA	OVERALL		
ELEV	ELEVATION	O.C	ON CENTER		
EQUIP	EQUIPMENT	OPNG	OPENING		
EXP	EXPANSION	OPP	OPPOSITE		
EXT	EXTERIOR	PARTN	PARTITION		
FA	FIRE ALARM	PL	PLATE		
FB	FLAT BAR	PLAS	PLASTER		
FF	FINISH FLOOR	PLYWD	PLYWOOD		
FH	FLAT HEAD	POC	POINT OF CONNECTION		
FIN	FINISH(ED)	PROP	PROPERTY		
FLR	FLOOR	PT	PRESSURE TREATED		
FOS	FACE OF STUDS	R	RISER		
FS	FINISH SURFACE	REQD	REQUIRED		
FT	FOOT, FEET	RD	ROOF DRAIN		
FTG	FOOTING	RM	ROOM		
FW	FINISH WALL	RMS	ROOMS		
FG	FINISH GRADE	RO	ROUGH OPENING		
FUT	FUTURE	SC	SOLID CORE		
GA	GAUGE	SCHED	SCHEDULE		
GALV	GALVANIZED	SECT	SECTION		
GL	GLASS	SHT	SHEET		



SYMBOLS:





SBA
SBA TOWERS II LLC
5900 BROKEN SOUND PARKWAY, NW
BOCA RATON, FL 33487-2797
TEL: (561) 226-9523
FAX: (561) 226-9368

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A&E PROJECT #:	15363-1030-1601
DRAWN BY:	PAL
CHECKED BY:	JPS

REVISIONS

NO	DATE	DESCRIPTION
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2	10/21/09	REVISED PER TOWN COMMENTS
1	10/06/09	REVISED TOWER FOUNDATION
0	08/21/09	ISSUED FOR CONSTRUCTION

PROJECT No.
15363-1030-1601

SITE NAME
DANBURY-1

SITE NUMBER
CT13549

SITE ADDRESS
52 STADLEY ROUGH ROAD
DANBURY, CT 06811

DESIGN TYPE
RAW LAND

SHEET TITLE
ABBREVIATIONS & SYMBOLS LEGEND

DRAWING NO. T-2 | REVISION D

GENERAL NOTES

1. ALL REFERENCES TO OWNER HEREIN SHALL BE CONSTRUED TO MEAN SBA OR IT'S DESIGNATED REPRESENTATIVE.
2. ALL WORK PRESENTED ON THESE DRAWINGS MUST BE COMPLETED UNLESS NOTED OTHERWISE. THE CONTRACTOR MUST HAVE CONSIDERABLE EXPERIENCE IN PERFORMANCE OF WORK SIMILAR TO THAT DESCRIBED HEREIN. BY ACCEPTANCE OF THIS ASSIGNMENT, THE CONTRACTOR IS ATTESTING THAT HE DOES HAVE SUFFICIENT EXPERIENCE AND ABILITY, THAT HE IS KNOWLEDGEABLE OF THE WORK TO BE PERFORMED AND THAT HE IS LICENSED AND PROPERLY REGISTERED TO DO THIS WORK IN THE STATE AND/OR COUNTY IN WHICH IT IS TO BE PERFORMED.
3. UNLESS SHOWN OR NOTED OTHERWISE ON THE CONTRACT DRAWINGS, OR IN THE SPECIFICATIONS, THE FOLLOWING NOTES SHALL APPLY TO THE MATERIALS LISTED HEREIN, AND TO THE PROCEDURES TO BE USED ON THIS PROJECT.
4. ALL HARDWARE ASSEMBLY MANUFACTURER'S INSTRUCTIONS SHALL BE FOLLOWED EXACTLY AND SHALL SUPERCEDE ANY CONFLICTING NOTES ENCLOSED HEREIN.
5. IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO DETERMINE ERECTION PROCEDURE AND SEQUENCE TO INSURE THE SAFETY OF THE STRUCTURE AND ITS COMPONENT PARTS DURING ERECTION AND/OR FIELD MODIFICATIONS. THIS INCLUDES, BUT IS NOT LIMITED TO, THE ADDITION OF WHATEVER TEMPORARY BRACING, GUYS OR TIE DOWNS THAT MAY BE NECESSARY. SUCH MATERIAL SHALL BE REMOVED AND SHALL REMAIN THE PROPERTY OF THE CONTRACTOR AFTER COMPLETION OF THE PROJECT.
6. ALL DIMENSIONS, ELEVATIONS AND EXISTING CONDITIONS SHOWN ON THE DRAWINGS SHALL BE FIELD VERIFIED BY THE CONTRACTOR AND THE TESTING AGENCY PRIOR TO BEGINNING ANY MATERIALS ORDERING, FABRICATION OR CONSTRUCTION WORK ON THIS PROJECT. ANY DISCREPANCIES SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER AND THE OWNER'S ENGINEER. THE DISCREPANCIES MUST BE RESOLVED BEFORE THE CONTRACTOR IS TO PROCEED WITH THE WORK. THE CONTRACT DOCUMENTS DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES; OBSERVATION VISITS TO THE SITE BY THE OWNER AND/OR THE ENGINEER SHALL NOT INCLUDE INSPECTION OF THE PROTECTIVE MEASURES OR THE CONSTRUCTION PROCEDURES.
7. ALL MATERIALS AND EQUIPMENT FURNISHED SHALL BE NEW AND OF GOOD QUALITY, FREE FROM FAULTS AND DEFECTS AND IN CONFORMANCE WITH THE CONTRACT DOCUMENTS. ANY AND ALL SUBSTITUTIONS MUST BE PROPERLY APPROVED AND AUTHORIZED IN WRITING BY THE OWNER AND ENGINEER PRIOR TO INSTALLATION. THE CONTRACTOR SHALL FURNISH SATISFACTORY EVIDENCE AS TO THE KIND AND QUALITY OF THE MATERIALS AND EQUIPMENT BEING SUBSTITUTED.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INITIATING, MAINTAINING AND SUPERVISING ALL SAFETY PRECAUTIONS AND PROGRAMS IN CONNECTION WITH THE WORK. THE CONTRACTOR IS RESPONSIBLE FOR INSURING THAT THIS PROJECT AND RELATED WORK COMPLIES WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL SAFETY CODES AND REGULATIONS GOVERNING THIS WORK.
9. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE LATEST EDITION OF THE LOCAL BUILDING CODE.
10. ALL PROPOSED CELLULAR EQUIPMENT AND FIXTURES SHALL BE FURNISHED BY OWNER FOR INSTALLATION BY THE CONTRACTOR, UNLESS SPECIFICALLY NOTED OTHERWISE HEREIN.
11. ACCESS TO THE PROPOSED WORK SITE MAY BE RESTRICTED. THE CONTRACTOR SHALL COORDINATE INTENDED CONSTRUCTION ACTIVITY, INCLUDING WORK SCHEDULE AND MATERIALS ACCESS WITH THE RESIDENT LEASING AGENT FOR APPROVAL.
12. RADIO EQUIPMENT INSTALLATION SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S SPECIFICATIONS.

STRUCTURAL NOTES

1. DESIGN REQUIREMENTS PER LOCAL BUILDING CODE AND THE EIA/TIA-222-G STRUCTURAL STANDARDS FOR STEEL ANTENNAS TOWERS AND SUPPORTING STRUCTURES.
2. STRUCTURAL STEEL SHALL CONFORM TO THE LATEST EDITION OF A.I.S.C. SPECIFICATIONS FOR STRUCTURAL STEEL BUILDINGS-ALLOWABLE STRESS DESIGN AND PLASTIC DESIGN INCLUDING THE COMMENTARY AND THE A.I.S.C. CODE OF STANDARD PRACTICE.
3. STRUCTURAL STEEL PLATES AND SHAPES SHALL CONFORM TO ASTM A36. ALL STRUCTURAL STEEL PIPES SHALL CONFORM TO ASTM A53 GRADE B. ALL STRUCTURAL STEEL TUBING SHALL CONFORM TO ASTM A500 GRADE B. ALL STRUCTURAL STEEL COMPONENTS AND FABRICATED ASSEMBLIES SHALL BE HOT DIP GALVANIZED AFTER FABRICATION.
4. WELDING SHALL BE IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY (AWS) D1.1-98 STRUCTURAL WELDING CODE-STEEL. WELD ELECTRODES SHALL BE E70XX.
5. ALL COAXIAL CABLE CONNECTORS AND TRANSMITTER EQUIPMENT SHALL BE AS SPECIFIED BY THE OWNER AND IS NOT INCLUDED IN THESE CONSTRUCTION DOCUMENTS. THE CONTRACTOR SHALL FURNISH ALL CONNECTION HARDWARE REQUIRED TO SECURE THE CABLES. CONNECTION HARDWARE SHALL BE STAINLESS STEEL.
6. NORTH ARROW SHOWN ON PLANS REFERS TO TRUE NORTH. CONTRACTOR SHALL VERIFY NORTH AND INFORM OWNER OF ANY DISCREPANCY BEFORE STARTING CONSTRUCTION.
7. ALL CAST IN PLACE CONCRETE SHALL BE MIXED AND PLACED IN ACCORDANCE WITH THE REQUIREMENTS OF ACI 318 AND ACI 301, AND SHALL HAVE A 28 DAY MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI (U.O.N.). CONCRETE SHALL BE PLACED AGAINST UNDISTURBED SOIL UNLESS OTHERWISE NOTED. MINIMUM CONCRETE COVER SHALL BE 3 INCHES UNLESS OTHERWISE NOTED.
8. ALL REINFORCING STEEL SHALL CONFORM TO ASTM 615 GRADE 60, DEFORMED BILLET STEEL BARS. WELDED WIRE FABRIC REINFORCING SHALL CONFORM TO ASTM A185.
9. THE FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE LATEST A.I.S.C. SPECIFICATIONS.
10. ALL CONNECTIONS NOT FULLY DETAILED ON THESE PLANS SHALL BE DETAILED BY THE STEEL FABRICATOR IN ACCORDANCE WITH A.I.S.C. SPECIFICATIONS.
11. HOT-DIP GALVANIZE ITEMS SPECIFIED TO BE ZINC-COATED AFTER FABRICATION WHERE PRACTICAL. GALVANIZING: ASTM A 123, ASTM A 153/A 153M OR ASTM A 653/A 653M, G90, AS APPLICABLE.
12. REPAIR DAMAGED SURFACES WITH GALVANIZING REPAIR METHOD AND PAINT CONFORMING TO ASTM A 780 OR BY APPLICATION OF STICK OR THICK PASTE MATERIAL SPECIFICALLY DESIGNED FOR REPAIR OF GALVANIZING. CLEAN AREAS TO BE REPAIRED, AND REMOVE SLAG FROM WELDS. HEAT SURFACES TO WHICH STICK OR PASTE MATERIAL IS APPLIED WITH A TORCH TO A TEMPERATURE SUFFICIENT TO MELT THE METALLICS IN STICK OR PASTE. SPREAD MOLTEN MATERIAL UNIFORMLY OVER SURFACES TO BE COATED AND WIPE OFF EXCESS MATERIAL.
13. CONTRACTOR SHALL FOLLOW THE MANUFACTURER'S INSTRUCTIONS/ SPECIFICATIONS IF NO INFORMATION IS CONTAINED IN THESE PLANS OR IF THE MANUFACTURER'S SPECIFICATIONS ARE STRICTER.

PERMITS

1. CONTRACTOR SHALL SECURE ALL NECESSARY PERMITS FOR THIS PROJECT FROM ALL APPLICABLE GOVERNMENTAL AGENCIES (NOT SUPPLIED BY OWNER).
2. ANY PERMITS WHICH MUST BE OBTAINED SHALL BE THE CONTRACTORS RESPONSIBILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ABIDING BY ALL CONDITIONS AND REQUIREMENTS OF THE PERMITS (NOT SUPPLIED BY OWNER).
3. ALL WORK SHALL BE IN ACCORDANCE WITH LOCAL CODES AND THE LATEST APPLICABLE CODES AND STANDARDS.
4. THE CONTRACTOR SHALL NOTIFY THE APPLICABLE JURISDICTIONAL (STATE, COUNTY, OR CITY) ENGINEER 24 HOURS PRIOR TO THE BEGINNING OF CONSTRUCTION.
5. CONTRACTOR RESPONSIBLE FOR CLOSING AND FILING ALL PERMITS ASSOCIATED WITH SITE.

UTILITIES

1. CONTRACTOR SHALL CONTACT A SUBSURFACE UTILITY LOCATOR FOR LOCATION OF EXISTING UTILITIES PRIOR TO COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. LOCATION OF EXISTING SEWER, WATER LINES, GAS LINES, CONDUITS OR OTHER STRUCTURES ACROSS, UNDERNEATH, OR OTHERWISE ALONG THE LINE OF PROPOSED WORK ARE NOT NECESSARILY SHOWN ON THE PLANS, AND IF SHOWN ARE ONLY APPROXIMATELY CORRECT. CONTRACTOR ASSUMES SOLE RESPONSIBILITY FOR VERIFYING LOCATION AND ELEVATION OF ALL UNDERGROUND UTILITIES (INCLUDING TEST PITS BY HAND IF NECESSARY) IN AREAS OF CONSTRUCTION PRIOR TO STARTING WORK. CONTACT ENGINEER IMMEDIATELY IF LOCATION OR ELEVATION IS DIFFERENT FROM THAT SHOWN ON THE PLANS, OR IF THERE APPEARS TO BE A CONFLICT.
2. CONTRACTOR SHALL COORDINATE ALL UTILITY CONNECTIONS WITH APPROPRIATE UTILITY OWNERS AND CONSTRUCTION MANAGER.
3. DAMAGE BY THE CONTRACTOR TO UTILITIES OR PROPERTY OF OTHERS, INCLUDING EXISTING PAVEMENT AND OTHER SURFACES DISTURBED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPAIRED TO PRE CONSTRUCTION CONDITIONS BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE CLIENT. FOR GRASSED AREAS, SEED AND MULCH SHALL BE ACCEPTABLE.
4. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER THE REQUIREMENTS FOR AND LIMITS OF OVERHEAD AND/OR UNDERGROUND ELECTRICAL SERVICE.
5. THE CONTRACTOR SHALL COORDINATE THE LOCATION OF NEW UNDERGROUND TELEPHONE SERVICE WITH THE TELEPHONE UTILITY AND THE OWNER'S REQUIREMENTS.
6. ALL UNDERGROUND UTILITIES SHALL BE INSTALLED AND TESTED SATISFACTORY PRIOR TO COMMENCING ANY PAVING OPERATIONS WHERE SUCH UTILITIES ARE WITHIN THE LIMITS OF PAVEMENT.

GRADING

1. THE CONTRACTOR SHALL REWORK (DRY, SCARIFY, ETC..) ALL MATERIAL NOT SUITABLE FOR SUB-GRADE IN ITS PRESENT STATE. IF THE MATERIAL, AFTER REWORKING, REMAINS UNSUITABLE THEN THE CONTRACTOR SHALL UNDERCUT THIS MATERIAL AND REPLACE WITH APPROVED MATERIAL AT HIS EXPENSE. ALL SUB-GRADES SHALL BE PROOF ROLLED WITH A FULLY LOADED TANDEM AXLE DUMP TRUCK PRIOR TO PAVING. ANY SOFT MATERIAL SHALL BE REWORKED OR REPLACED.
2. THE CONTRACTOR IS REQUIRED TO MAINTAIN ALL DITCHES, PIPES, AND OTHER DRAINAGE STRUCTURES FREE FROM OBSTRUCTION UNTIL WORK IS ACCEPTABLE BY THE OWNER. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGES CAUSED BY FAILURE TO MAINTAIN DRAINAGE STRUCTURES IN OPERABLE CONDITION.
3. ALL MATERIALS AND WORKMANSHIP SHALL BE WARRANTED FOR ONE (1) YEAR FROM DATE OF ACCEPTANCE.
4. ALL DIMENSIONS SHALL BE VERIFIED WITH THE PLANS (LATEST REVISION) PRIOR TO COMMENCING CONSTRUCTION. NOTIFY THE OWNER IMMEDIATELY IF DISCREPANCIES ARE DISCOVERED. THE CONTRACTOR SHALL HAVE A SET OF APPROVED PLANS AVAILABLE AT THE SITE AT ALL TIMES WHEN WORK IS BEING PERFORMED. A DESIGNATED RESPONSIBLE EMPLOYEE SHALL BE AVAILABLE FOR CONTACT BY GOVERNING AGENCY INSPECTORS.

PAINTING

1. CONTRACTOR TO COORDINATE PAINTING REQUIREMENTS WITH OWNER.
2. PAINT COLORS SHALL BE SELECTED TO MATCH EXISTING COLORS AND TEXTURES.
3. PROVIDE THE BEST QUALITY GRADE OF COATINGS AS REGULARLY MANUFACTURED BY APPROVED PAINT MATERIAL MANUFACTURERS. MATERIALS NOT DISPLAYING THE MANUFACTURER'S IDENTIFICATION AS A STANDARD, BEST-GRADE PRODUCT WILL NOT BE ACCEPTABLE.
4. PROVIDE UNDERCOAT PAINT PRODUCED BY THE SAME MANUFACTURER AS THE FINISH COATS. USE ONLY THINNERS APPROVED BY THE PAINT MANUFACTURER AND USE ONLY WITHIN RECOMMENDED LIMITS.
5. COMPLETELY COVER TO PROVIDE AN OPAQUE, SMOOTH SURFACE OF UNIFORM FINISH, COLOR, APPEARANCE, AND COVERAGE. CLOUDINESS, SPOTTINGS, HOLIDAYS, LAPS, BRUSH MARKS, RUNS, SAGS, ROPINESS, OR OTHER SURFACE IMPERFECTIONS WILL NOT BE ACCEPTABLE.

FERROUS METALS
SHOP PRIMED
TOUCH-UP COAT - RED OXIDE METAL PRIMER
FINISH COATS - SEMI-GLOSS-ALKYD ENAMEL

SBA CONSTRUCTION REQUIREMENTS

1. AWARDED CONTRACTOR WILL BE REQUIRED TO SIGN AND RETURN A COPY OF AN AWARD LETTER FOR SBA'S FILE.
2. CONTRACTOR WILL BE REQUIRED TO PROVIDE PROOF OF LICENSE TO PERFORM WORK IN JURISDICTION AT TIME OF BID AWARD.
3. CONTRACTOR WILL PROVIDE A CONSTRUCTION SCHEDULE PRIOR TO CONSTRUCTION STARTING AND WILL PROVIDE UPDATE/CHANGES (WITH EXPLANATIONS) TO THAT SCHEDULE WHEN/IF ITEMS ARE DELAYED OR PUSHED OUT.
4. CONTRACTOR WILL BE RESPONSIBLE FOR ALL CONCRETE COMPRESSIVE TESTING AND REQUIRED TO SUBMIT FINAL TEST RESULTS WITH CLOSE OUT BOOK.
5. CONTRACTOR WILL BE RESPONSIBLE TO PROVIDE SBA PROJECT MANAGERS WITH PHOTOS OF THE MAJOR CONSTRUCTION MILESTONES AS THEY OCCUR.
6. CONTRACTOR WILL BE RESPONSIBLE TO ASSIST IN COORDINATING AND OBTAINING PRIMARY POWER TO THE SITE PRIOR TO TOWER ERECTION, AS WELL AS TELCO SERVICE BEFORE PROJECT COMPLETION. (ON SITE VISITS WITH UTILITY COMPANY REPRESENTATIVES AS NECESSARY, ETC...).
7. CONTRACTOR WILL HAVE A REPRESENTATIVE ON A WEEKLY CONFERENCE CALL TO PROVIDE SBA WITH SITE SPECIFIC UPDATES. CURRENTLY, THIS CONFERENCE CALL IS HELD EACH AND EVERY THURSDAY AT 4 PM (EASTERN TIME).
8. CONTRACTOR SHOULD BE PREPARED FOR RANDOM SBA SAFETY INSPECTIONS AT ALL TIMES.
9. CONTRACTOR IS EXPECTED TO MAINTAIN PROPER WORKING CONDITIONS AND PROCEDURES PER OSHA STANDARDS AT ALL TIMES.
10. CONTRACTOR WILL BE REQUIRED TO OBTAIN THE NECESSARY ELECTRICAL PERMITS AND INSPECTIONS AS REQUIRED BY JURISDICTION.
11. CONTRACTOR IS EXPECTED TO CLOSE-OUT THE JOB SITE AS QUICKLY AS POSSIBLE (OBTAINING A CERTIFICATE OF OCCUPANCY AND GETTING SBA'S REGIONAL SITE MANAGER'S SIGN-OFF/CHECKLIST APPROVAL ON THE SITE).
12. CONTRACTOR WILL PROVIDE A COMPLETED TOWER HEIGHT VERIFICATION FORM AND TAPE DROP WITHIN 24 HOURS OF REACHING OVERALL HEIGHT.
13. CONTRACTOR WILL UTILIZE ALL OF THE SBA PROVIDED DOCUMENTATION INCLUDING BUT NOT LIMITED TO: TOWER CONSTRUCTION ACCEPTANCE CHECKLIST, CONSTRUCTION SCHEDULE, CONSTRUCTION CLOSE-OUT LIST & TOWER HEIGHT VERIFICATION.
14. CONTRACTOR IS RESPONSIBLE FOR CONCRETE COMPRESSION TESTING.
15. CONTRACTOR IS RESPONSIBLE FOR GROUND MEG TESTING.

SBA

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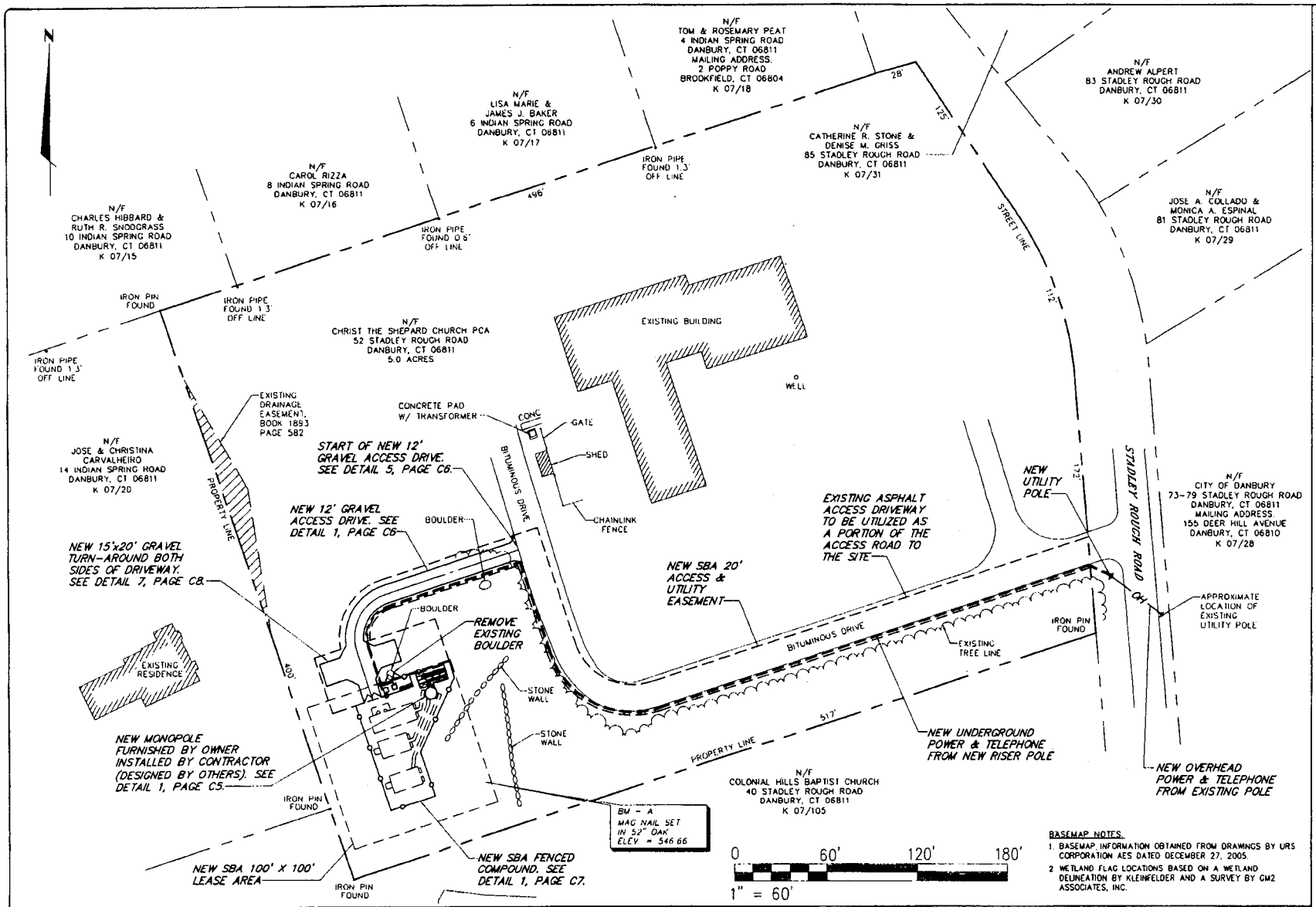
A&E PROJECT #	15363-1030-1601
DRAWN BY	PAL
CHECKED BY	JPS

REVISIONS

NO	DATE	DESCRIPTION
5	11/30/09	REVISED PER TOWN COMMENTS
4	10/21/09	REVISED PER TOWN COMMENTS
3	10/06/09	REVISED TOWER FOUNDATION
2	08/21/09	ISSUED FOR CONSTRUCTION

PROJECT No.: 15363-1030-1601
SITE NAME: DANBURY-1
SITE NUMBER: CT13549
SITE ADDRESS: 52 STADLEY ROUGH ROAD, DANBURY, CT 06811
DESIGN TYPE: RAW LAND
SHEET TITLE: GENERAL NOTES

DRAWING NO.	REVISION
GN-1	D



BASEMAP NOTES:

1. BASEMAP INFORMATION OBTAINED FROM DRAWINGS BY URS CORPORATION AES DATED DECEMBER 27, 2005.
2. WETLAND FLAG LOCATIONS BASED ON A WETLAND DELINEATION BY KLEINFELDER AND A SURVEY BY GM2 ASSOCIATES, INC.

1 | SITE PLAN

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4	11/30/09	REVISED PER TOWN COMMENTS
3	10/21/09	REVISED PER TOWN COMMENTS
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PROJECT No.: 15363-1030-1601

SITE NAME: DANBURY-1

SITE NUMBER: CT13549

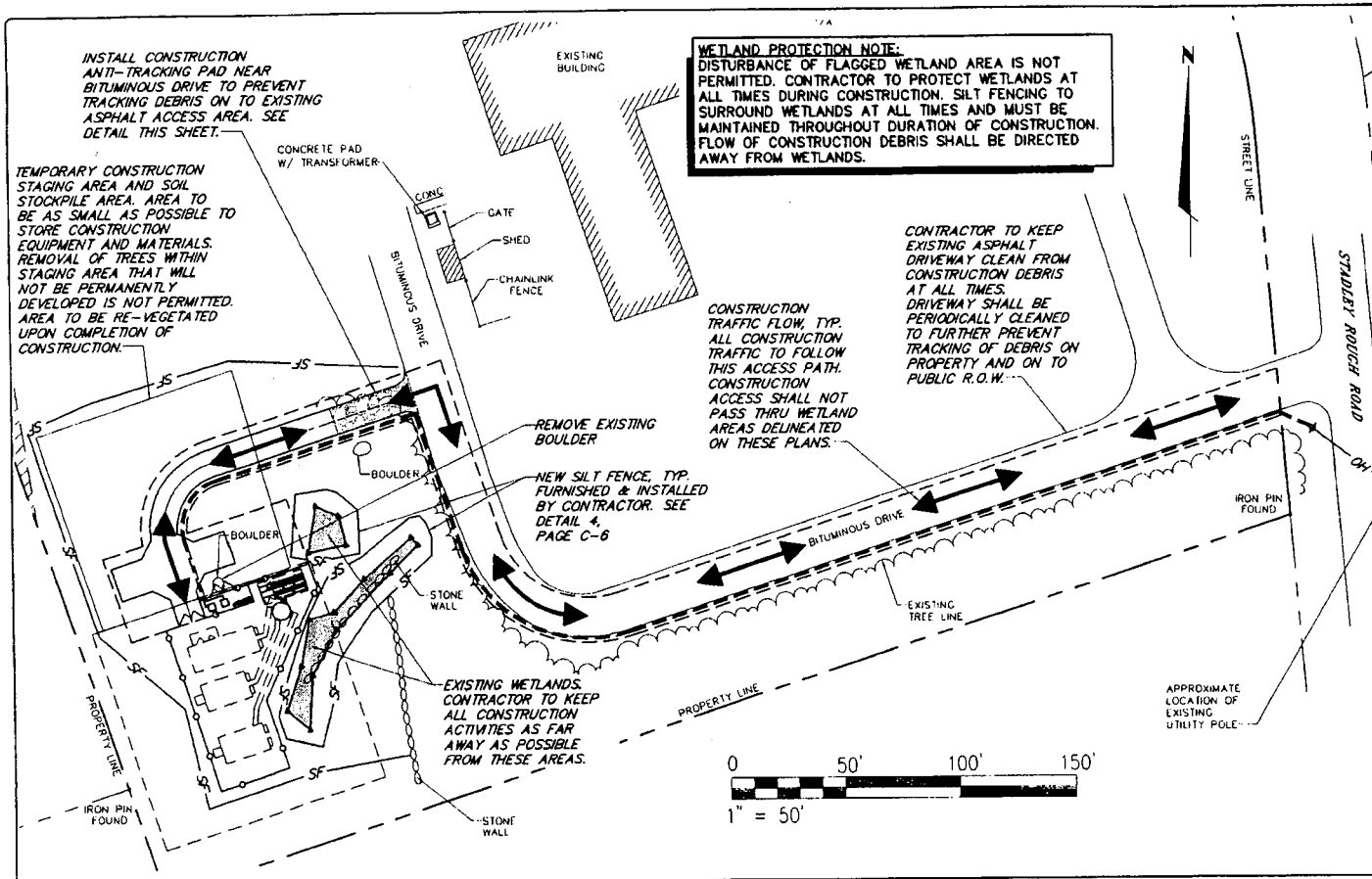
SITE ADDRESS: 52 STADLEY ROUGH ROAD DANBURY, CT 06811

DESIGN TYPE: RAW LAND

SHEET TITLE: SITE PLAN

DRAWING NO.: C-1

REVISION: D



WETLAND PROTECTION NOTE:
DISTURBANCE OF FLAGGED WETLAND AREA IS NOT PERMITTED. CONTRACTOR TO PROTECT WETLANDS AT ALL TIMES DURING CONSTRUCTION. SILT FENCING TO SURROUND WETLANDS AT ALL TIMES AND MUST BE MAINTAINED THROUGHOUT DURATION OF CONSTRUCTION. FLOW OF CONSTRUCTION DEBRIS SHALL BE DIRECTED AWAY FROM WETLANDS.

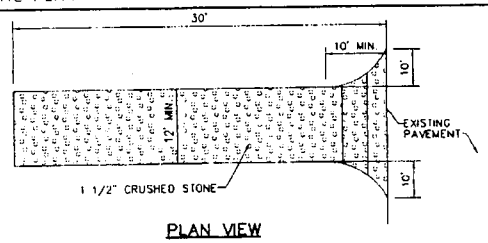
1 SITE PLAN

CONSTRUCTION PHASING NOTES:

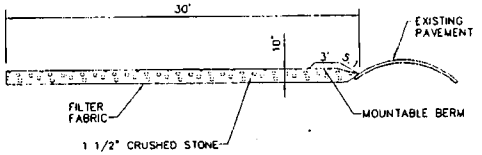
CONTRACTOR TO FOLLOW THE FOLLOWING CONSTRUCTION PHASING AS CLOSELY AS POSSIBLE:

1. MOBILIZATION: BRING MATERIAL AND EQUIPMENT TO SITE. ALL CONSTRUCTION TRAFFIC AND ACTIVITIES MUST RESIDE INSIDE ACCESS PATH DELINEATED, WITHIN STAGING AND STOCKPILE AREA, OR WITHIN AREA WHERE PROPOSED WORK IS BEING COMPLETED. THE CONTRACTOR IS TO PROTECT WETLANDS FROM DISTURBANCE AT ALL TIMES AND NO CONSTRUCTION ACTIVITIES OR DUMPING SHALL OCCUR IN THE WETLANDS.
2. INSTALL TEMPORARY EROSION AND SEDIMENTATION CONTROL BARRIERS
3. CLEAR AND ROUGH GRADE THE ACCESS DRIVEWAY AND EQUIPMENT COMPOUND
4. EXCAVATE FOR TOWER FOUNDATION AND UTILITIES
5. INSTALL FORMS, STEEL REINFORCING, AND CONCRETE FOR TOWER FOUNDATION
6. INSTALL BURIED GROUND RINGS, GROUND RODS, GROUND LEADS, UTILITY CONDUITS, AND UTILITY EQUIPMENT
7. BACK FILL FOUNDATION AND UTILITY TRENCHES
8. ERECT TOWER OR MONOPOLE
9. INSTALL TELECOMMUNICATIONS EQUIPMENT ON TOWER AND IN COMPOUND
10. INSTALL COMPOUND AND ROAD GRAVEL SURFACES
11. INSTALL FENCING
12. CONNECT GROUNDING LEADS AND LIGHTNING PROTECTION
13. FINAL GRADE AROUND COMPOUND AND ROAD
14. INSTALL LANDSCAPING AND MULCH
15. LOAM AND SEED DISTURBED AREAS OUTSIDE COMPOUND AND ACCESS DRIVEWAY
16. REMOVE SILT FENCING AFTER SEEDED AREAS HAVE ESTABLISHED VEGETATION
17. FINAL CLEANUP AND EQUIPMENT TESTING

THE ESTIMATED TIME FOR COMPLETION OF THE WORK IS APPROXIMATELY FOUR (4) WEEKS. THE EXCACT PROCESS MAY VARY DEPENDING ON THE CONTRACTOR'S AND SUBCONTRACTOR'S AVAILABILITY TO COMPLETE WORK AND WEATHER DELAYS.



PLAN VIEW



CROSS-SECTION

NOTES:

1. ENTRANCE WIDTH SHALL BE A TWELVE (12) FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
2. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH SHALL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO ASPHALT DRIVEWAY AND PUBLIC RIGHTS-OF-WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHTS-OF-WAY OR ASPHALT DRIVEWAY MUST BE REMOVED IMMEDIATELY. BERM SHALL BE PERMITTED. PERIODIC INSPECTION AND MAINTENANCE SHALL BE PROVIDED AS NEEDED.

2 CONSTRUCTION DEBRIS ANTI-TRACKING PAD

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DRAWN BY:	PAL
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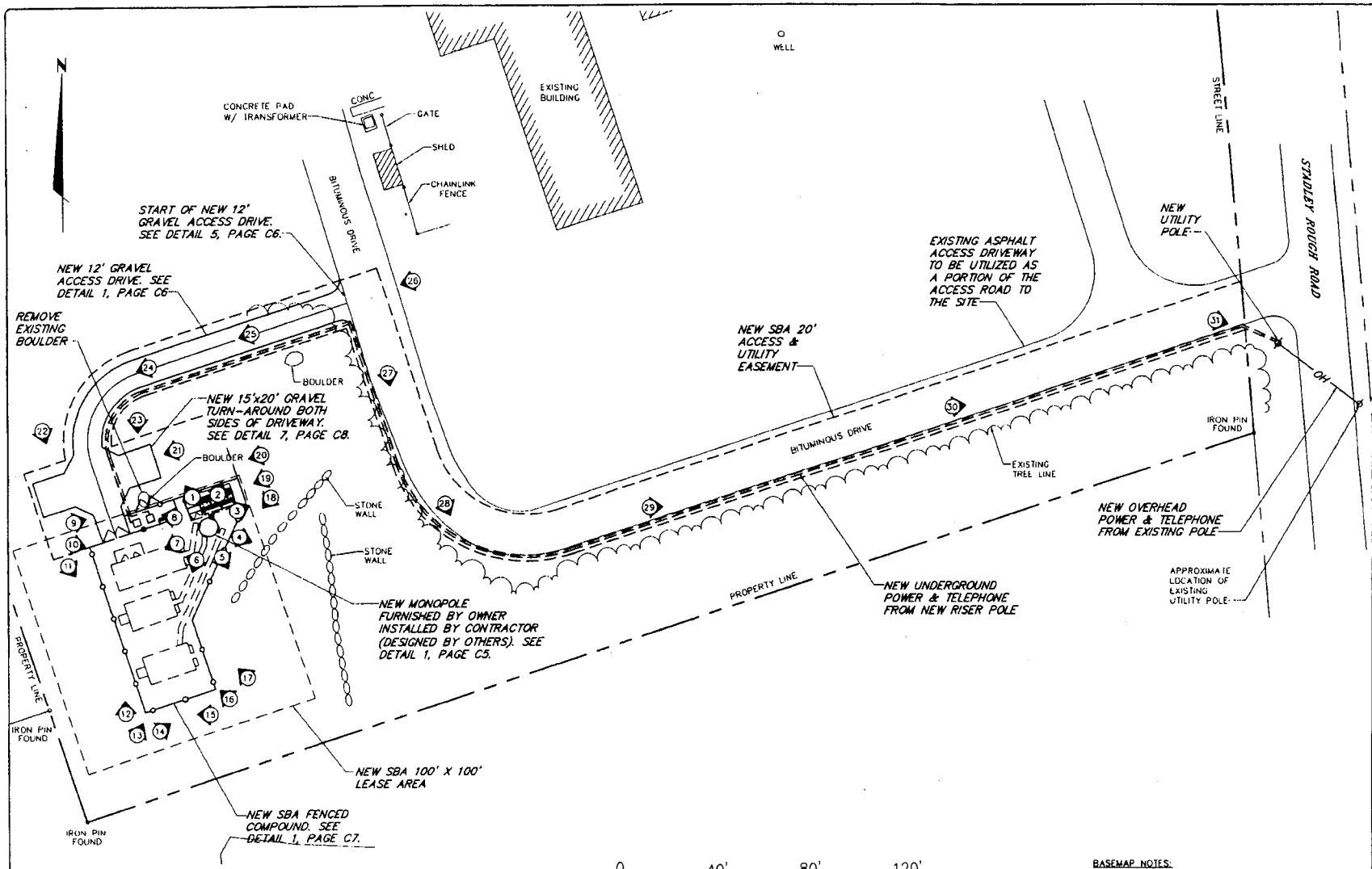
REVISIONS

NO.	DATE	DESCRIPTION
7	12/16/09	REVISED PER TOWN COMMENTS
6	11/30/09	REVISED PER TOWN COMMENTS
5	10/21/09	REVISED PER TOWN COMMENTS
4	10/06/09	REVISED TOWER FOUNDATION
3	08/21/09	ISSUED FOR CONSTRUCTION

PROJECT No.: 15363-1030-1601
SITE NAME: DANBURY-1
SITE NUMBER: CT13549
SITE ADDRESS: 52 STADLEY ROUGH ROAD DANBURY, CT 06811
DESIGN TYPE: RAW LAND
SHEET TITLE: CONSTRUCTION PHASING PLAN AND NOTES
DRAWING NO.: C-1A
REVISION: E



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1 SITE PLAN

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PROJECT No.
15363-1030-1601

SITE NAME:
DANBURY-1

SITE NUMBER:
CT13549

SITE ADDRESS:
52 STADLEY ROUGH ROAD
DANBURY, CT 06811

DESIGN TYPE:
RAW LAND

SHEET TITLE
PHOTO PLAN

DRAWING NO.
C-2

REVISION:
D

EROSION CONTROL NOTES:

1. CONTRACTOR SHALL MINIMIZE DISTURBANCE TO EXISTING SITE DURING CONSTRUCTION. EROSION CONTROL MEASURES SHALL BE IN CONFORMANCE WITH STATE OF CONNECTICUT GUIDELINES FOR EROSION AND SEDIMENT CONTROL AND COORDINATED WITH THE TOWN/COUNTY CODE ENFORCEMENT OFFICE.
2. TEMPORARY SILT FENCE EROSION CONTROL BARRIER SHALL BE MAINTAINED THROUGHOUT SITE CONSTRUCTION. STOCK PILE ON SITE 100 FT. OF SILT FENCE FOR EMERGENCY USE. TEMPORARY EROSION BARRIERS SHALL REMAIN IN PLACE UNTIL PERMANENT VEGETATIVE GROUND COVER IS ESTABLISHED.
3. ALL DISTURBED AREAS OUTSIDE THE LIMITS OF THE EQUIPMENT LEASE AREA AND ACCESS ROADWAY SHALL BE PERMANENTLY ESTABLISHED WITH A VEGETATIVE GROUND COVER
4. STILLING BASIN SHALL BE UTILIZED FOR ANY DE-WATERING DISCHARGE WHICH MAY OCCUR DURING CONSTRUCTION OPERATIONS.
5. PROPOSED CONSTRUCTION IMPACTS AND PERMANENT IMPROVEMENTS SHALL NOT SIGNIFICANTLY IMPACT STORM WATER RUNOFF PATTERNS, VOLUME OR PEAK FLOW RATES. THE FLAT GRADE OF THE EQUIPMENT COMPOUND AND STONE SURFACE WILL PROMOTE STORM WATER INFILTRATION.
6. CONTRACTOR SHALL INSTALL ALL EROSION AND SEDIMENTATION CONTROL MEASURES PRIOR TO ANY GRADING ACTIVITIES IN LOCATIONS SHOWN ON THIS PLAN
7. SILT FENCES SHALL BE INSPECTED IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. ANY REPAIRS THAT ARE REQUIRED SHALL BE MADE IMMEDIATELY.
8. IF THE FABRIC ON A SILT FENCE SHOULD DECOMPOSE OR BECOME INEFFECTIVE DURING THE EXPECTED LIFE OF THE FENCE, THE FABRIC SHALL BE REPLACED PROMPTLY.
9. SEDIMENT DEPOSITS SHOULD BE INSPECTED AFTER EVERY STORM EVENT. THE DEPOSITS SHOULD BE REMOVED WHEN THEY REACH APPROXIMATELY ONE-HALF THE HEIGHT OF THE BARRIER.
10. SEDIMENT DEPOSITS THAT ARE REMOVED OR LEFT IN PLACE AFTER THE FABRIC HAS BEEN REMOVED SHALL BE GRADED TO CONFORM WITH THE EXISTING TOPOGRAPHY AND VEGETATION
11. NO GREATER THAN 0.04 ACRES OF LAND SHALL BE EXPOSED AT ANY ONE TIME DURING DEVELOPMENT. WHEN LAND IS EXPOSED DURING DEVELOPMENT, THE EXPOSURE SHOULD BE KEPT TO THE SHORTEST PRACTICAL PERIOD OF TIME AND SHALL NOT EXCEED 10 DAYS. LAND SHOULD NOT BE LEFT EXPOSED DURING THE WINTER MONTHS.
12. ANY DISTURBED AREAS WHICH ARE TO BE LEFT TEMPORARILY, AND WHICH WILL BE REGRADED LATER DURING CONSTRUCTION SHALL BE MACHINE HAY MULCHED AND SEEDED WITH RYE GRASS TO PREVENT EROSION. HAY OR STRAW MULCH SHALL BE APPLIED TO ALL FRESHLY SEEDED AREAS AT A RATE OF 2 TONS PER ACRES. BALES SHALL BE UNSPOILED, AIR-DRIED, AND FREE FROM WEED, SEEDS, AND ANY COARSE MATERIAL.

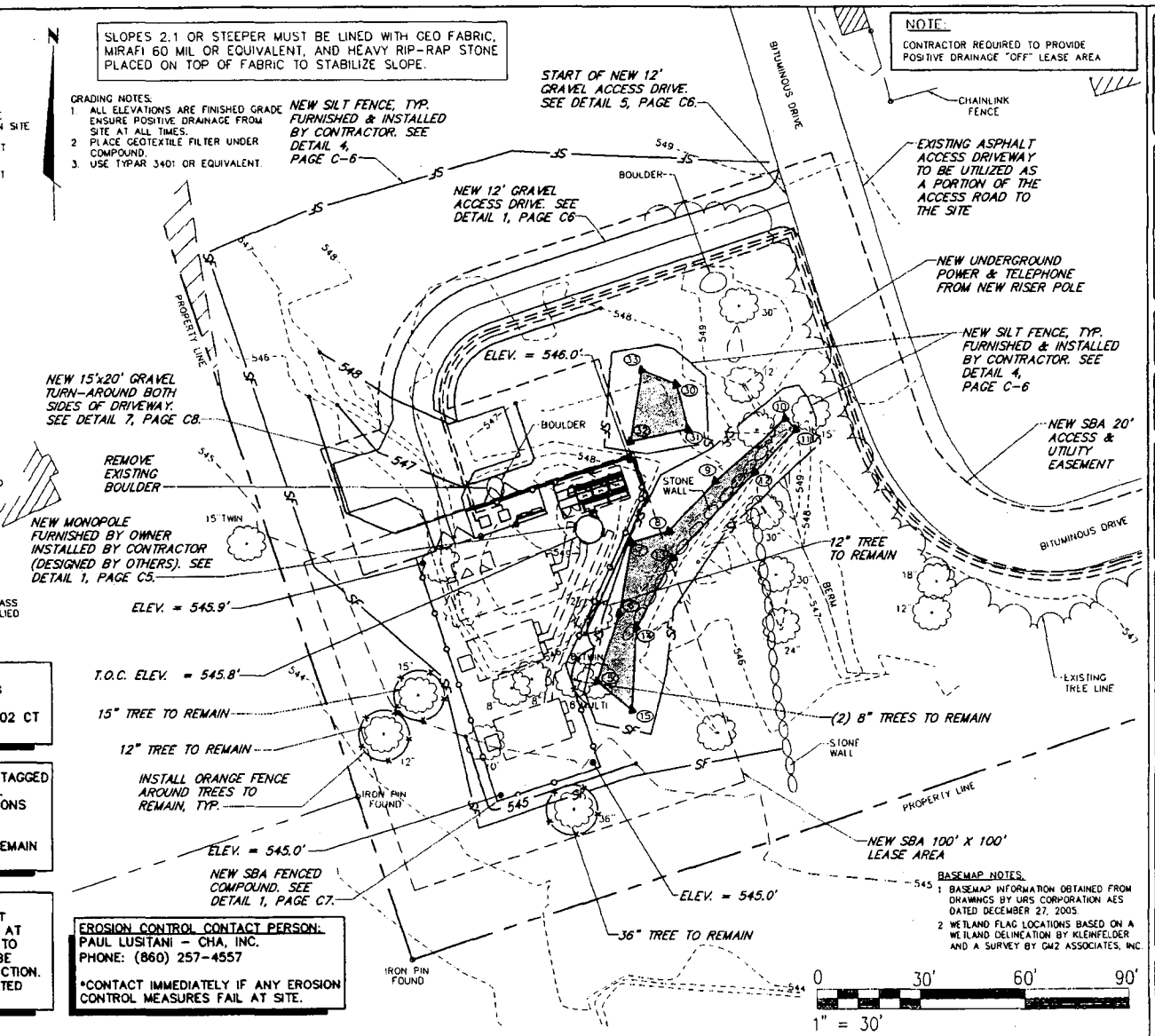
LAND DISTURBANCE NOTE:
0.04 ACRES OF LAND WILL BE DISTURBED DURING CONSTRUCTION ACTIVITIES, WHICH IS BELOW THE 0.5 ACRE LIMIT NOTED ON PAGE 3-2 OF THE 2002 CT EROSION AND SEDIMENT CONTROL GUIDELINES.

TREE NOTE: ALL TREES TO REMAIN NEED TO BE TAGGED IN THE FIELD PRIOR TO START OF CONSTRUCTION. CONTRACTOR TO TAKE ALL NECESSARY PRECAUTIONS TO PROTECT TREES TO REMAIN FROM DAMAGE. CONTRACTOR TO INSTALL ORANGE SNOW FENCING SECURED TO WOOD STAKES AROUND TREES TO REMAIN AS SHOWN ON PLAN THIS SHEET.

WETLAND PROTECTION NOTE:
DISTURBANCE OF FLAGGED WETLAND AREA IS NOT PERMITTED. CONTRACTOR TO PROTECT WETLANDS AT ALL TIMES DURING CONSTRUCTION. SILT FENCING TO SURROUND WETLANDS AT ALL TIMES AND MUST BE MAINTAINED THROUGHOUT DURATION OF CONSTRUCTION. FLOW OF CONSTRUCTION DEBRIS SHALL BE DIRECTED AWAY FROM WETLANDS.

SLOPES 2:1 OR STEEPER MUST BE LINED WITH GEO FABRIC, MIRAFI 60 MIL OR EQUIVALENT, AND HEAVY RIP-RAP STONE PLACED ON TOP OF FABRIC TO STABILIZE SLOPE.

GRADING NOTES:
1. ALL ELEVATIONS ARE FINISHED GRADE. ENSURE POSITIVE DRAINAGE FROM SITE AT ALL TIMES.
2. PLACE GEOTEXTILE FILTER UNDER COMPOUND.
3. USE TYPAR 3401 OR EQUIVALENT.



EROSION CONTROL CONTACT PERSON:
PAUL LUSITANI - CHA, INC.
PHONE: (860) 257-4557
*CONTACT IMMEDIATELY IF ANY EROSION CONTROL MEASURES FAIL AT SITE.

BASEMAP NOTES:
1. BASEMAP INFORMATION OBTAINED FROM DRAWINGS BY URS CORPORATION AES DATED DECEMBER 27, 2005.
2. WETLAND FLAG LOCATIONS BASED ON A WETLAND DELINEATION BY KLEINFELDER AND A SURVEY BY GM2 ASSOCIATES, INC.

1 | SITE GRADING PLAN

SBA
SBA TOWERS II LLC
5900 BROKEN SOUND PARKWAY, NW
BOCA RATON, FL 33487-2797
TEL: (561) 226-9523
FAX: (561) 226-9368

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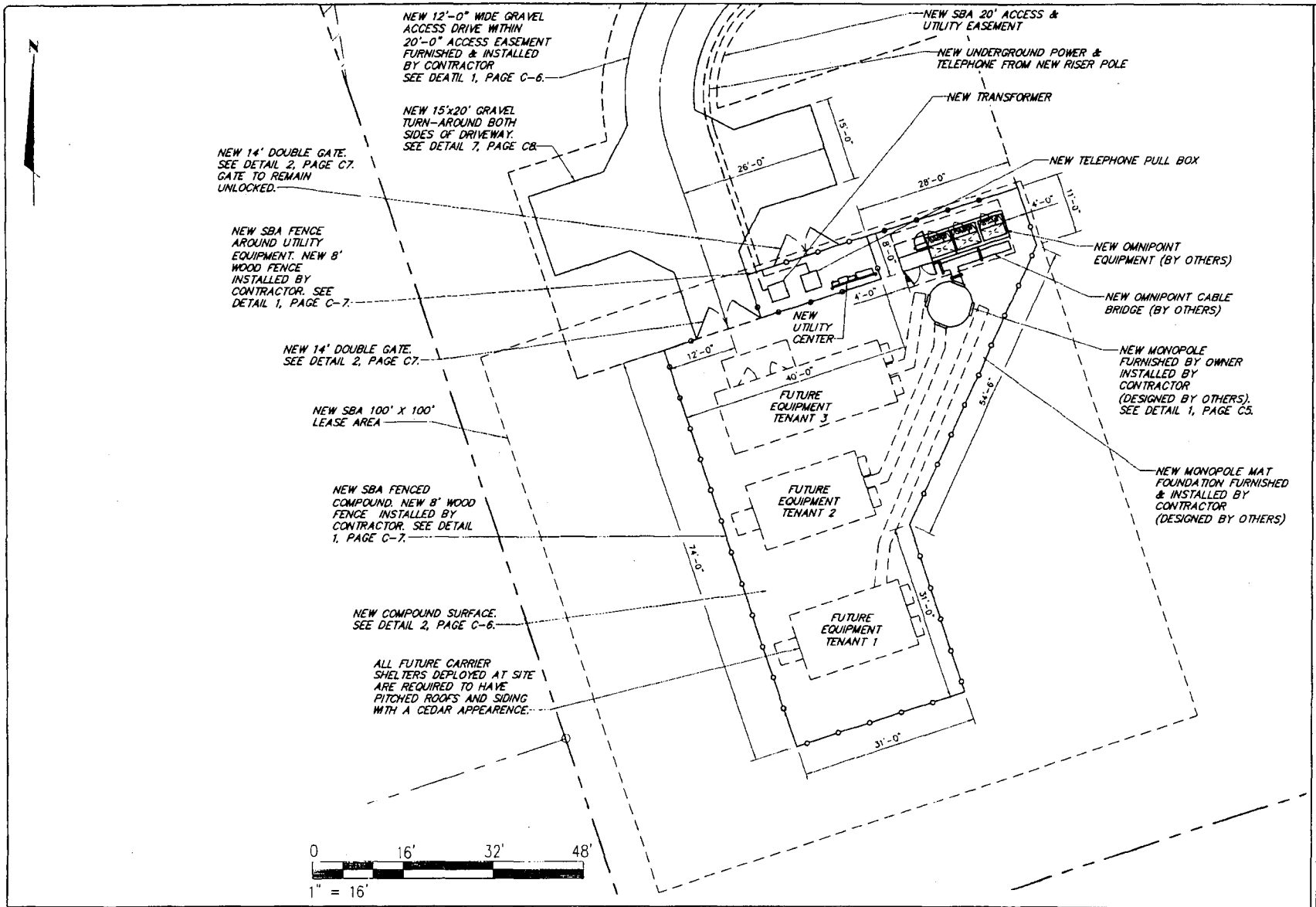
A&E PROJECT #	15363-1030-1601
DRAWN BY:	PAL
CHECKED BY:	JPS

REVISIONS

NO.	DATE	DESCRIPTION
6	12/18/09	REVISED PER TOWN COMMENTS
5	11/30/09	REVISED PER TOWN COMMENTS
4	10/21/09	REVISED PER TOWN COMMENTS
3	10/06/09	REVISED TOWER FOUNDATION
2	08/21/09	ISSUED FOR CONSTRUCTION

PROJECT No: 15363--1030-1601
SITE NAME: DANBURY-1
SITE NUMBER: CT13549
SITE ADDRESS: 52 STADLEY ROUGH ROAD DANBURY, CT 06811
DESIGN TYPE: RAW LAND
SHEET TITLE: SITE GRADING PLAN
DRAWING NO.: C-3
REVISION: E



1 ENLARGED SITE PLAN

SBA
SBA TOWERS II LLC
5900 BROKEN SOUND PARKWAY, NW
BOCA RATON, FL 33487-2797
TEL: (561) 226-9523
FAX: (561) 226-9368

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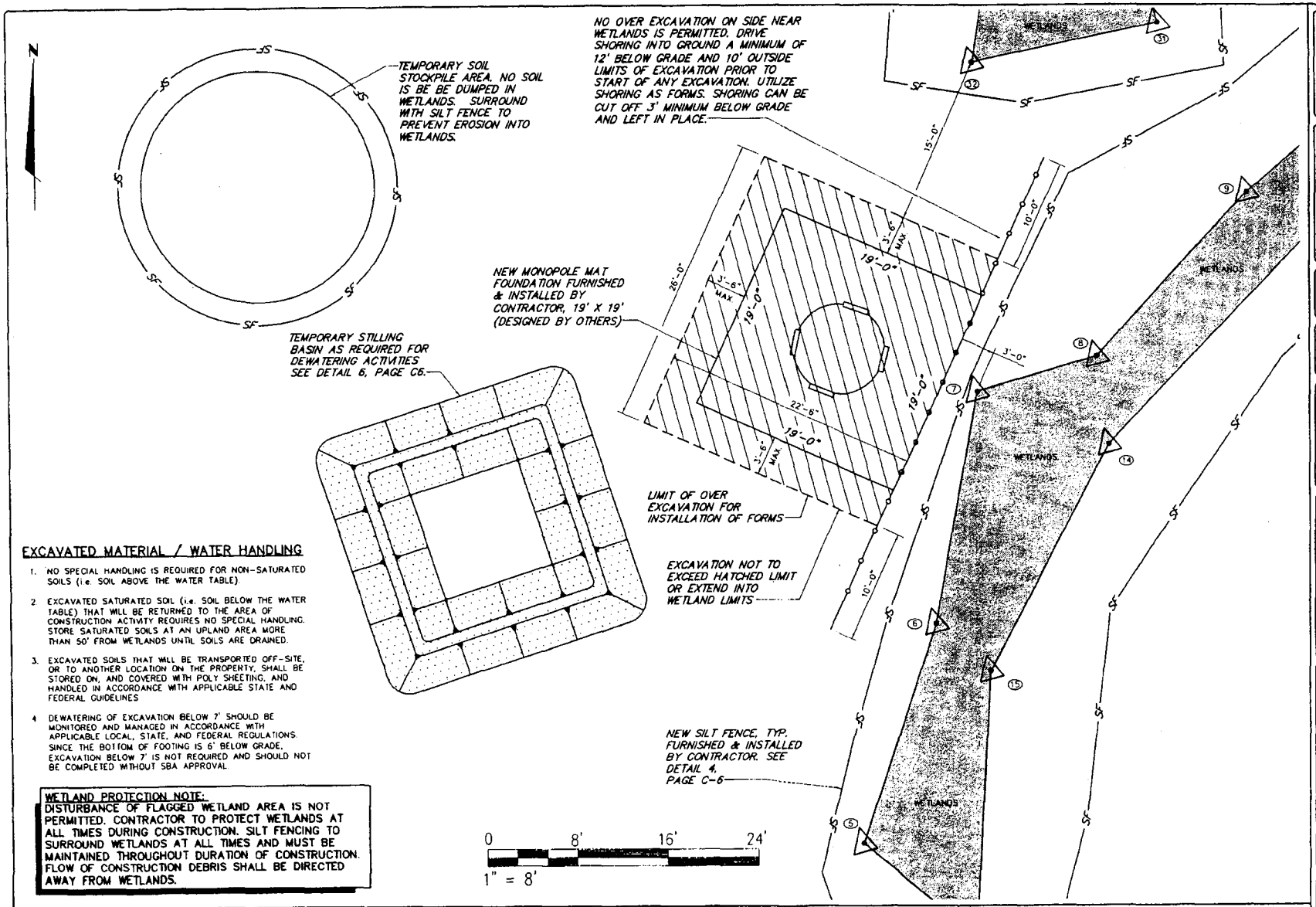
2	10/06/09	REVISED TOWER FOUNDATION
1	08/21/09	ISSUED FOR CONSTRUCTION

PROJECT No.: 15363-1030-1601
SITE NAME: DANBURY-1
SITE NUMBER: CT13549
SITE ADDRESS: 52 STADLEY ROUGH ROAD DANBURY, CT 06811
DESIGN TYPE: RAW LAND
SHEET TITLE: ENLARGED SITE PLAN

DRAWING NO.	REVISION
C-4	D



EXCAVATED MATERIAL / WATER HANDLING

1. NO SPECIAL HANDLING IS REQUIRED FOR NON-SATURATED SOILS (i.e. SOIL ABOVE THE WATER TABLE).
2. EXCAVATED SATURATED SOIL (i.e. SOIL BELOW THE WATER TABLE) THAT WILL BE RETURNED TO THE AREA OF CONSTRUCTION ACTIVITY REQUIRES NO SPECIAL HANDLING. STORE SATURATED SOILS AT AN UPLAND AREA MORE THAN 50' FROM WETLANDS UNTIL SOILS ARE DRAINED.
3. EXCAVATED SOILS THAT WILL BE TRANSPORTED OFF-SITE, OR TO ANOTHER LOCATION ON THE PROPERTY, SHALL BE STORED ON, AND COVERED WITH POLY SHEETING, AND HANDLED IN ACCORDANCE WITH APPLICABLE STATE AND FEDERAL GUIDELINES
4. DEWATERING OF EXCAVATION BELOW 7' SHOULD BE MONITORED AND MANAGED IN ACCORDANCE WITH APPLICABLE LOCAL, STATE, AND FEDERAL REGULATIONS. SINCE THE BOTTOM OF FOOTING IS 6' BELOW GRADE, EXCAVATION BELOW 7' IS NOT REQUIRED AND SHOULD NOT BE COMPLETED WITHOUT SBA APPROVAL

WETLAND PROTECTION NOTE:
DISTURBANCE OF FLAGGED WETLAND AREA IS NOT PERMITTED. CONTRACTOR TO PROTECT WETLANDS AT ALL TIMES DURING CONSTRUCTION. SILT FENCING TO SURROUND WETLANDS AT ALL TIMES AND MUST BE MAINTAINED THROUGHOUT DURATION OF CONSTRUCTION. FLOW OF CONSTRUCTION DEBRIS SHALL BE DIRECTED AWAY FROM WETLANDS.

1 FOUNDATION EXCAVATION PLAN

SBA
SBA TOWERS II LLC
5900 BROKEN SOUND PARKWAY, NW
BOCA RATON, FL 33487-2797
TEL: (561) 226-9523
FAX: (561) 226-9368

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CHECKED BY:	JPS

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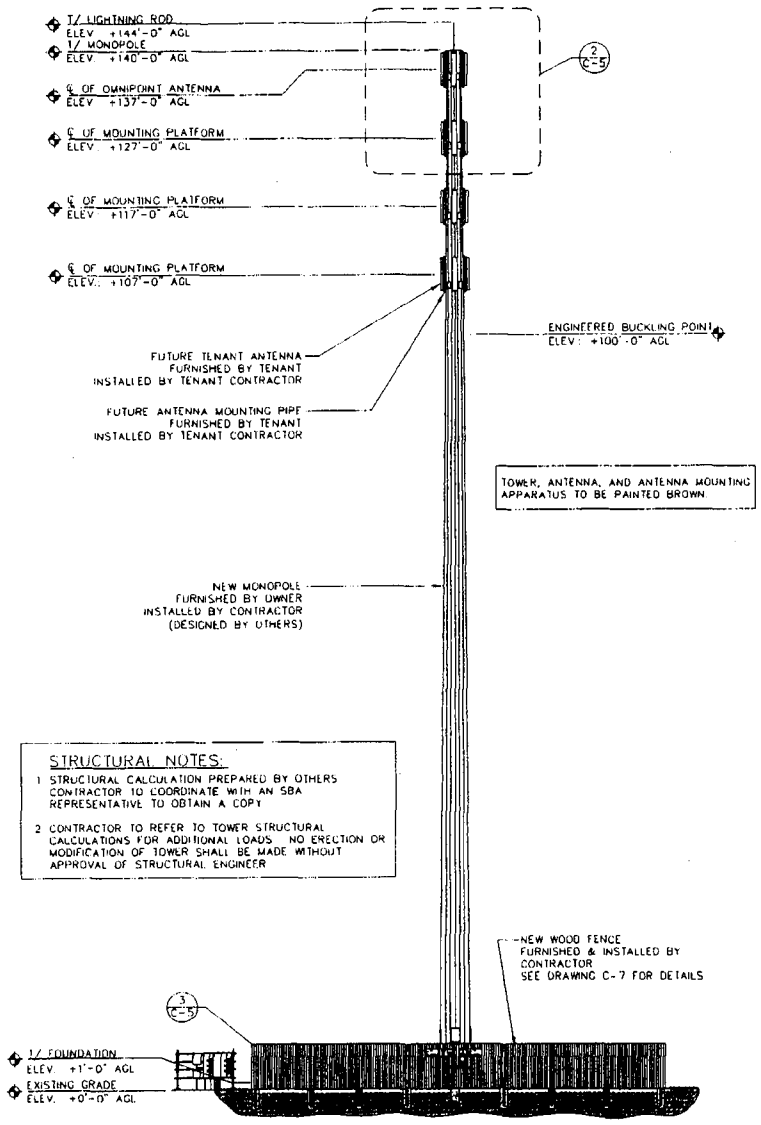
1	08/21/09	ISSUED FOR CONSTRUCTION

PROJECT No.: 15363-1030-1601
SITE NAME: DANBURY-1
SITE NUMBER: CT13549
SITE ADDRESS: 52 STADLEY ROUGH ROAD DANBURY, CT 06811
DESIGN TYPE: RAW LAND
SHEET TITLE: FOUNDATION EXCAVATION PLAN

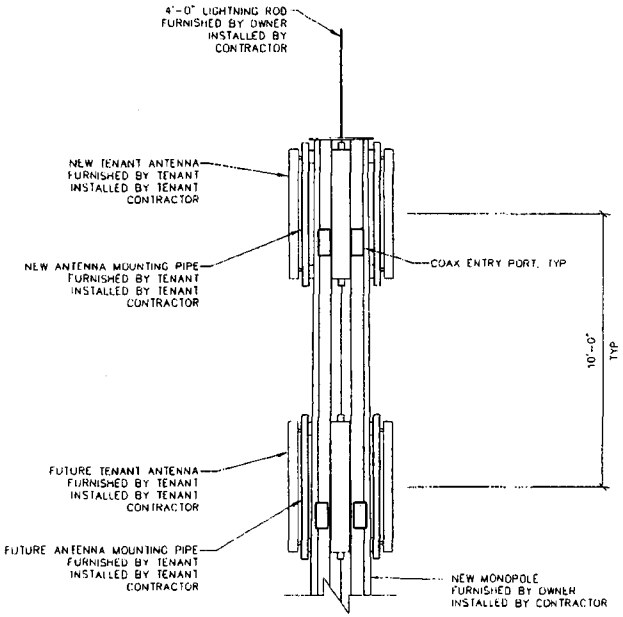
DRAWING NO.	REVISION:
C-4A	D



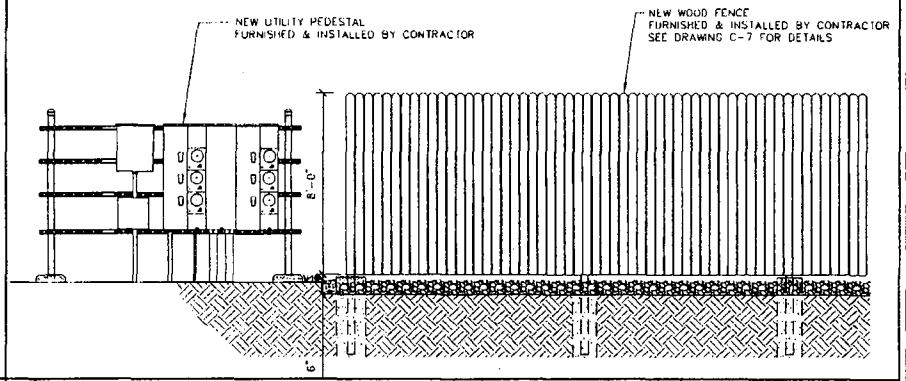
STRUCTURAL NOTES:

1. STRUCTURAL CALCULATION PREPARED BY OTHERS CONTRACTOR TO COORDINATE WITH AN SBA REPRESENTATIVE TO OBTAIN A COPY
2. CONTRACTOR TO REFER TO TOWER STRUCTURAL CALCULATIONS FOR ADDITIONAL LOADS. NO ERECTION OR MODIFICATION OF TOWER SHALL BE MADE WITHOUT APPROVAL OF STRUCTURAL ENGINEER

1 ELEVATION VIEW SCALE: N.T.S



2 ELEVATION VIEW @ TOP OF TOWER SCALE: N.T.S



3 ELEVATION VIEW @ UTILITY H-FRAME SCALE: N.T.S

SBA

SBA TOWERS II LLC
5900 BROKEN SOUND
PARKWAY, NW
BOCA RATON, FL 33487-2797
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REVISIONS

NO	DATE	DESCRIPTION
1	11/30/09	REVISED PER TOWN COMMENTS
2	10/21/09	REVISED PER TOWN COMMENTS
3	10/08/09	REVISED TOWER FOUNDATION
4	08/21/09	ISSUED FOR CONSTRUCTION

PROJECT No.: 15363-1030-1601

SITE NAME: DANBURY-1

SITE NUMBER: CT13549

SITE ADDRESS: 52 STADLEY ROUGH ROAD DANBURY, CT 06811

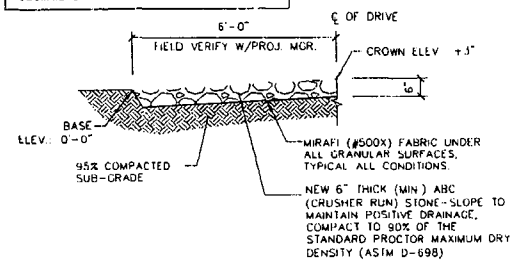
DESIGN TYPE: RAW LAND

SHEET TITLE: SITE ELEVATIONS

DRAWING NO.: C-5

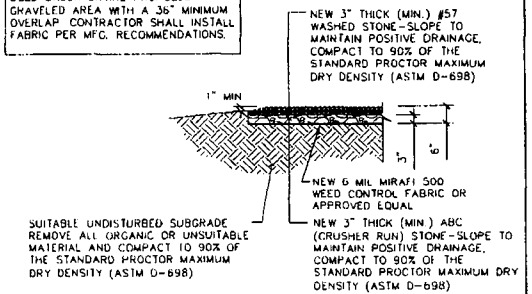
REVISION: D

NOTE:
WEED CONTROL FABRIC SHALL BE USED UNDER ACCESS DRIVE WITH A 36" MINIMUM OVERLAP. CONTRACTOR SHALL INSTALL FABRIC PER MFG. RECOMMENDATIONS.

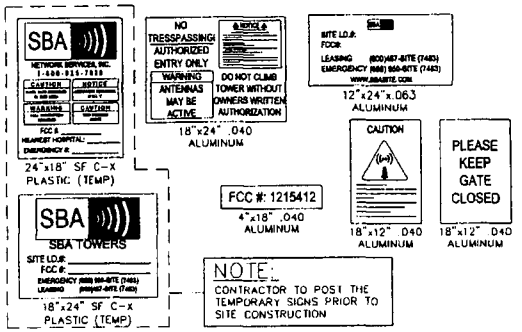


1 ACCESS DRIVE DETAIL SCALE: N.T.S

NOTE:
WEED CONTROL FABRIC SHALL BE USED UNDER ENTIRE PROPOSED GRAVELED AREA WITH A 36" MINIMUM OVERLAP. CONTRACTOR SHALL INSTALL FABRIC PER MFG. RECOMMENDATIONS.

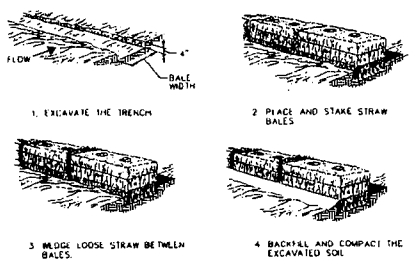


2 COMPOUND FINISH DETAIL SCALE: N.T.S

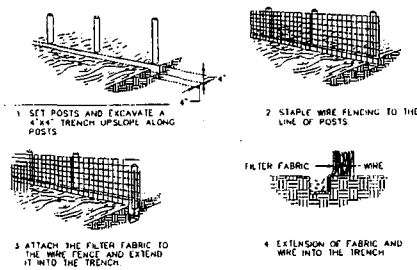


NOTE:
CONTRACTOR TO POST THE TEMPORARY SIGNS PRIOR TO SITE CONSTRUCTION

3 SIGN DETAIL SCALE: N.T.S

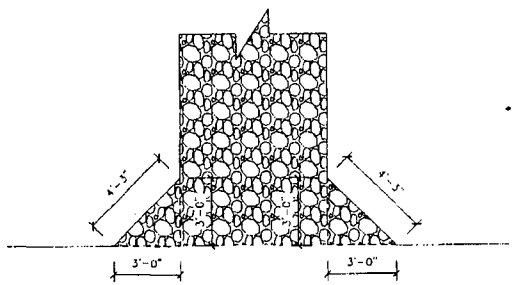


STRAW BALE BARRIER

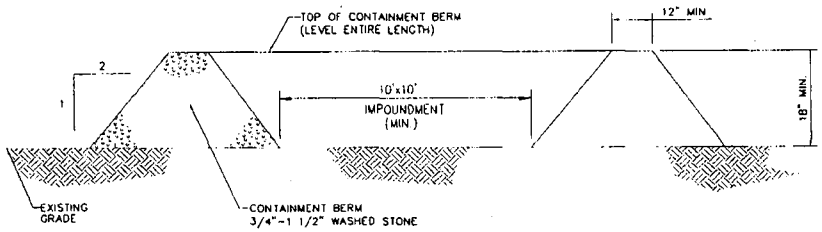


SILT FENCE

4 EROSION CONTROL DETAIL SCALE: N.T.S



5 TYPICAL ROAD ENTRY SCALE: N.T.S



6 TEMPORARY STILLING BASIN

SBA
SBA TOWERS II LLC
5900 BROKEN SOUND PARKWAY, NW
BOCA RATON, FL 33487-2797
TEL: (561) 226-9523
FAX: (561) 226-9368

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2126 Main Downs Highway Suite 210 Pawley Hill, CT 06067-3339
(860) 357-4227 www.chacompanies.com

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A&E PROJECT #	15363-1030-1601
DRAWN BY:	PAL
CHECKED BY:	JPS

REVISIONS

NO.	DATE	DESCRIPTION
4	11/30/09	REVISED PER TOWN COMMENTS
3	10/21/09	REVISED PER TOWN COMMENTS
2	10/06/09	REVISED TOWER FOUNDATION
1	08/21/09	ISSUED FOR CONSTRUCTION

PROJECT No.
15363-1030-1601

SITE NAME:
DANBURY-1

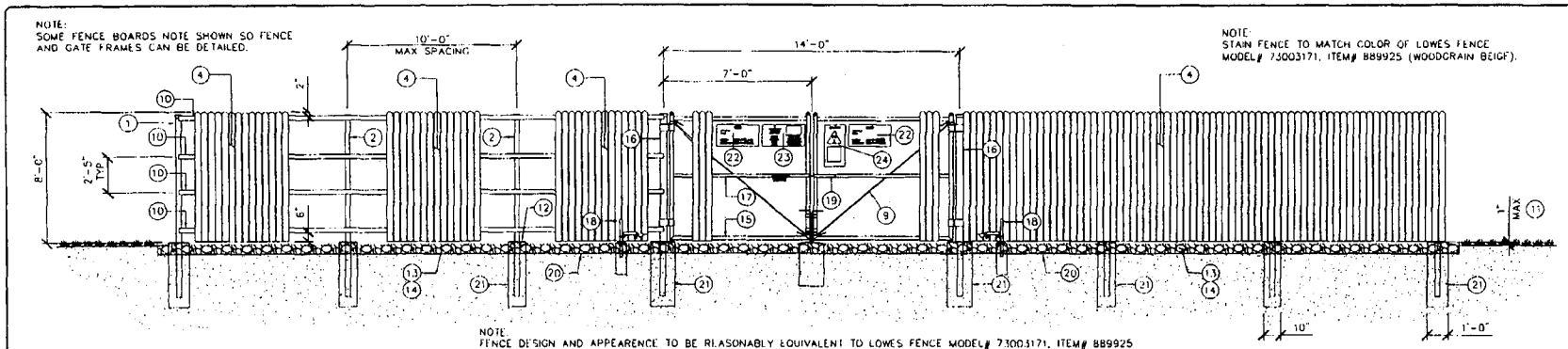
SITE NUMBER:
CT13549

SITE ADDRESS:
52 STADLEY ROUGH ROAD
DANBURY, CT 06811

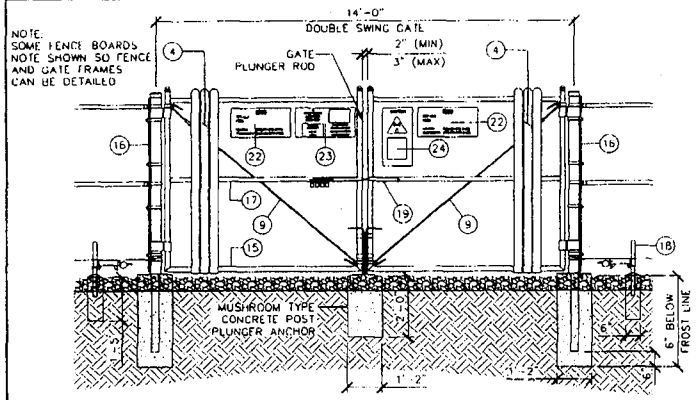
DESIGN TYPE:
RAW LAND

SHEET TITLE:
SITE DETAILS

DRAWING NO.	REVISION
C-6	D



1 TYPICAL FENCING DETAIL SCALE: N.T.S



2 DOUBLE-SWING GATE DETAIL SCALE: 3/4"=1'-0"

GENERAL NOTES:

1. INSTALL FENCING PER ASTM F-567
2. INSTALL SWING GATES PER ASTM F- 900
3. LOCAL ORDINANCE OF BARBED WIRE PERMIT REQUIREMENT SHALL BE COMPLIED IF REQUIRED.
4. POST & GATE PIPE SIZES ARE INDUSTRY STANDARDS ALL PIPE TO BE GALVANIZED (HOT DIP, ASTM A120 GRADE "A" STEEL). ALL GATE FRAMES SHALL BE WELDED ALL WELDING SHALL BE COATED WITH (3) COATS OF COLD GALV (OR EQUAL)
5. ALL OPEN POSTS SHALL HAVE END CAPS
6. USE GALVANIZED LAG SCREW TO MOUNT ALL SIGNS
7. ALL SIGNS MUST BE MOUNTED ON EXTERIOR OF WOOD FENCE.
8. MUSHROOM ANCHOR & PLUNGER REQUIRED FOR GATE
9. G.C. RESPONSIBLE FOR SBA GATE LOCK

4 NOTES

BALLOON REFERENCE NOTES:

(1) CORNER, END OR PULL POST: 3" O.D. SCHEDULE 40 PIPE
(2) LINE POST: 2 1/2" NOMINAL SCHEDULE 40 PIPE, PER ASTM-F1083 LINE POSTS SHALL BE EQUALLY SPACED AT MAXIMUM 10'-0" O.C.
(3) TOP RAIL & BRACE RAIL: 1-5/8"O.D. STANDARD ROUND PIPE, PER ASTM-F1083
(4) 5/8" X 6" X 8'-0" DOG EAR WOOD FENCE BOARD. NAIL TO 2 X 4 WITH GALVANIZED SPIRAL NAILS.
(5) TIE WIRE, 9 GA ALUMINUM A SINGLE WRAP OF FABRIC TIE AND AT TENSION WIRE BY HOG RINGS SPACED 12" O.C. POSTS/GATES AND 24" RAILS/WIRE
(6) TENSION WIRE 9 GA ALUMINUM
(7) BARBED WIRE NOT REQUIRED
(8) 3/16" X 3/4" (MIN) FULL HEIGHT STRETCHER BAR
(9) 3/8" DIAGONAL ROD WITH GALVANIZED STEEL TURNBUCKLE OR DIAGONAL THREADED ROD.
(10) WOOD 2 X 4 SECURE TO POSTS WITH A GALVANIZED CLIP AND A U-BOLT SECURE CLIP TO 2 X 4 WITH LAG SCREWS
(11) 1" MAXIMUM CLEARANCE FROM FINISH GRADE.
(12) FENCE POST FOUNDATION TO BE 1" FINISH ABOVE FINISHED GRADE
(13) 6" COMPACTED BASE MATERIAL
(14) FINISH GRADE SHALL BE UNIFORM AND LEVEL.
(15) WELDED GATE FRAME 2" O.D., SCHEDULE 40 PIPE, PER ASTM-F1083
(16) GATE POST 4" O.D., SCHEDULE 40 PIPE, PER ASTM F1083.
(17) GATE FRAME BRACE RAIL 1 1/2" NOMINAL PIPE, PER ASTM-F1083
(18) DUCK BILL OPEN GATE HOLDER VERIFY LOCATION IN FIELD PRIOR TO INSTALLATION
(19) STYMIE LOCK MULTI-TENANT LOCKING DEVICE
(20) GEOTEXTILE FABRIC
(21) CONCRETE FOUNDATION (MIN 3000 PSI) MINIMUM DEPTH: 6" BELOW FROST LINE
(22) 12" x 24" SBA SITE INFORMATION SIGN
(23) 12" x 24" NO TRESPASSING SIGN.
(24) 12" x 24" RF CAUTION SIGN
(25) 18" x 12" KEEP GATE CLOSED SIGN

6 FENCING NOTES

SBA
SBA TOWERS II LLC
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TEL: (561) 226-9523
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(860) 257-7007 www.chacompanies.com

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CHECKED BY:	JPS

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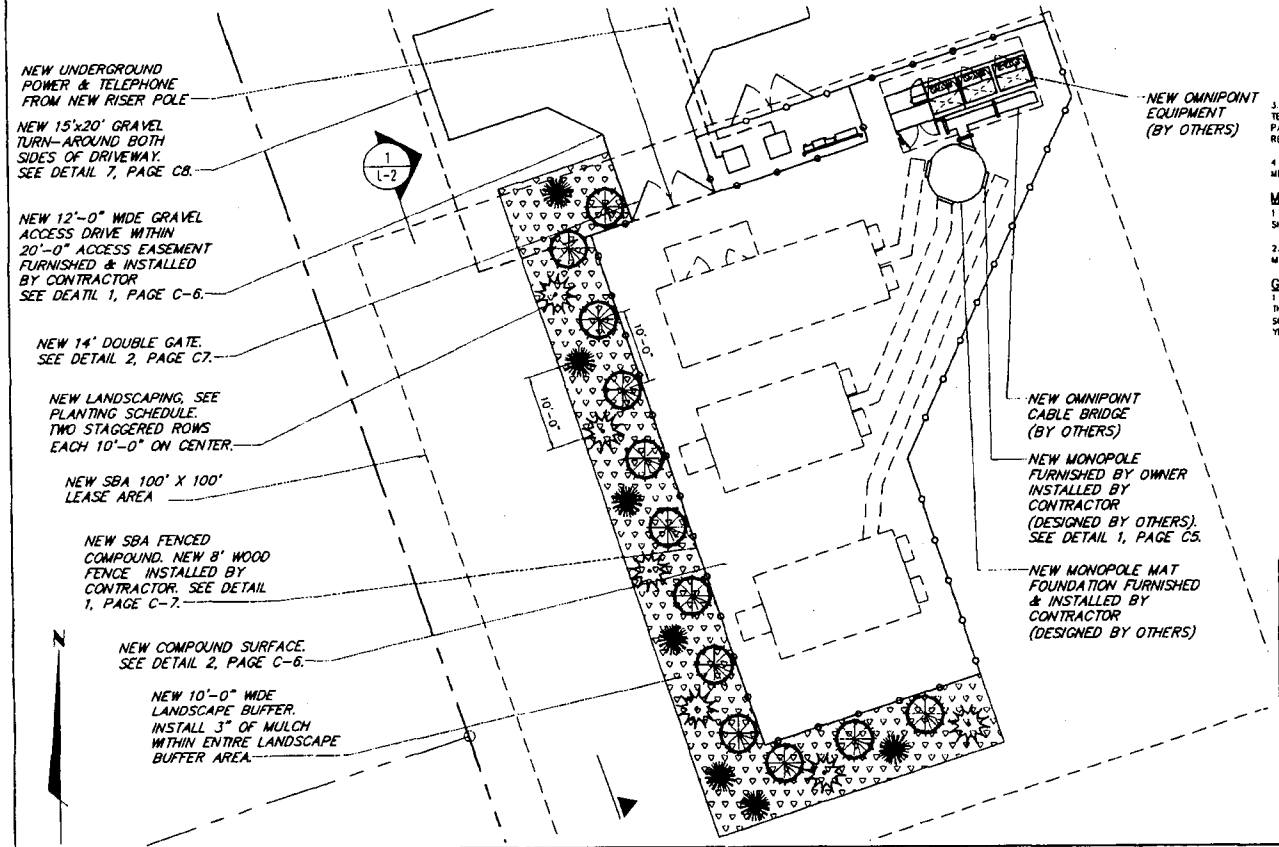
1	08/21/09	ISSUED FOR CONSTRUCTION

PROJECT No.: 15363-1030-1601
SITE NAME: DANBURY-1
SITE NUMBER: CT13549
SITE ADDRESS: 52 STADLEY ROUGH ROAD DANBURY, CT 06811
DESIGN TYPE: RAW LAND
SHEET TITLE: FENCE DETAILS
DRAWING NO.: C-7
REVISION: D

PLANTING SCHEDULE

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	SPACING	SYMBOL	REMARKS
TC	12	TAXUS CUSPIDATA 'CAPITATA'	CAPITATA YEW	8'-0" TALL	B & B	10'-0" O.C.		FULL TO BASE
WP	7	THUJA OCC. 'TECHNY'	MISSION ARBORVITAE	8'-0" TALL	B & B	10'-0" O.C.		FULL TO BASE
JV	6	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	8'-0" TALL	B & B	10'-0" O.C.		FULL TO BASE



1 LANDSCAPE PLAN

SEEDING NOTES:

1. ALL DISTURBED AREAS SHALL BE SOWN AND SEEDED WITH THE FOLLOWING SEEDING MIX:
   - 30% NASSAU KENTUCKY BLUEGRASS
   - 25% BELMONT KENTUCKY BLUEGRASS
   - 25% P-105 KENTUCKY BLUEGRASS
   - 20% FINE TEXTURE RYE
2. WEED SEED CONTENT SHALL NOT EXCEED 0.25%.
3. THE SEED MIXTURE SHALL BE DISTRIBUTED BY MEANS OF HYDRO-SEEDING.
4. THE FERTILIZER SHALL BE A 5-10-5 COMMERCIAL GRADE FERTILIZER APPLIED AT THE MANUFACTURER'S RECOMMENDED APPLICATION RATE.
5. SEEDING APPLICATION RATE SHALL BE 5 LBS PER 1,000 SQ. FT.

TOPSOIL NOTES:

1. ALL DISTURBED AREAS TO BE SEEDED OR PLANTED SHALL RECEIVE TOPSOIL (6" MINIMUM DEPTH).
2. TOPSOIL SHALL CONSIST OF FERTILE, FRIABLE, NATURAL LOAM FREE OF SUBSOIL, CLAY LUMPS, BRUSH, STONES OR OTHER DELETERIOUS MATERIALS LARGER THAN 2" IN GREATEST DIMENSION AND MEETING THE FOLLOWING GRADATION, pH AND ORGANIC CONTENT REQUIREMENTS:

SIEVE	PERCENT PASSING
2"	100
1"	85 - 100
¼"	65-100
NO. 200	20-80

pH RANGE: 5.5 - 7.6
ORGANIC CONTENT: 2% - 20%

3. PROPOSED TOPSOIL SHALL BE TESTED BY INDEPENDENT TESTING FACILITY WITH TEST RESULTS SUBMITTED TO THE ENGINEER FOR APPROVAL. CONTRACTOR SHALL PAY FOR ALL TESTING. ACCEPTANCE OF TOPSOIL SHALL BE BASED UPON TEST RESULTS. ONE TEST SHALL BE PERFORMED PER 100 C.Y. OF TOPSOIL.
4. NATURAL TOPSOIL MAY BE AMENDED WITH APPROVED MATERIALS, BY APPROVED METHODS, TO MEET THE ABOVE SPECIFICATIONS.

MULCH:

1. ALL PLANTINGS AND PLANTING BEDS SHALL RECEIVE 3" OF BARK MULCH AS SHOWN ON PLANS.
2. ALL PLANTING BED EDGES SHALL HAVE A 6" TRENCH OF BARK MULCH TO MAINTAIN A CLEAN EDGE BETWEEN LAWN AREAS AND PLANTED BED AREAS.

GUARANTEE:

1. THE CONTRACTOR SHALL PROVIDE THE OWNER WITH A WRITTEN GUARANTEE FOR THE INSTALLED PLANT MATERIALS. THIS GUARANTEE SHALL BEGIN AT THE POINT OF SUBSTANTIAL COMPLETION AND EXTEND FOR A PERIOD NOT LESS THAN ONE (1) YEAR. ALL PLANT MATERIALS, INSTALLATION AND MAINTENANCE SHALL BE INCLUDED.

NOTE:
CERTIFICATE HOLDER SHALL REMAIN LIABLE AND RESPONSIBLE FOR THE REPLACEMENT OF DEAD OR DISEASED TREES AND SHRUBS FOR THREE ADDITIONAL YEARS FOLLOWING THE GUARANTEE PERIOD HEREIN SO INDICATED. AT ANY TIME DURING THE TOTAL THREE YEAR PERIOD FOLLOWING EXPIRATION OF THE GUARANTEE PERIOD, THE CITY MAY REQUIRE REPLACEMENT OF DEAD OR DISEASED TREES AND SHRUBS WITH THE SAME SPECIES, AT ITS SOLE DISCRETION, WHICH SUCH DISCRETION SHALL NOT BE UNREASONABLY IMPOSED. ADDITIONALLY, DURING THE SAME THREE YEAR PERIOD, THE CT SITING COUNCIL MAY REQUIRE THE CERTIFICATE HOLDER TO REPLACE TREES OR SHRUBS WITH ALTERNATE SPECIES, AT THE CITY'S REQUEST OR, IN ITS SOLE DISCRETION UPON NOTICE TO THE CITY, WHICH SUCH DISCRETION SHALL NOT BE UNREASONABLY IMPOSED, WHEREIN IT DETERMINES AN ALTERNATE SPECIES WOULD PROVIDE SIMILAR SCREENING AND PROVE HARDIER CONSIDERING CLIMATE, SOIL AND OTHER APPLICABLE CONDITIONS. CERTIFICATE HOLDER SHALL, AS SOON AS POSSIBLE, WEATHER PERMITTING, REPLACE OR CAUSE TO BE REPLACED, SUCH DEAD OR DISEASED TREES OR SHRUBS.

0 16' 32' 48'
1" = 16'

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SBA TOWERS II LLC
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2150 Silas Deane Highway, Suite 313 Rocky Hill, CT 06067-2308

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A&E PROJECT #	15363-1030-1601
DRAWN BY:	PAL
CHECKED BY:	JPS

REVISIONS

NO.	DATE	DESCRIPTION
5	01/04/10	REVISED PER COMMENTS
4	11/30/09	REVISED PER TOWN COMMENTS
3	10/21/09	REVISED PER TOWN COMMENTS
2	10/06/09	REVISED TOWER FOUNDATION
1	08/21/09	ISSUED FOR CONSTRUCTION

PROJECT No.: 15363-1030-1601
SITE NAME: DANBURY-1
SITE NUMBER: CT13549
SITE ADDRESS: 52 STADLEY ROUGH ROAD DANBURY, CT 06811
DESIGN TYPE: RAW LAND
SHEET TITLE: LANDSCAPE PLAN
DRAWING NO.: L-1
REVISION: E

PLANTING NOTES

PLANTING BACKFILL:

A. MIXING: ALL BACKFILL MATERIALS SHALL BE BULK MIXED, NOT INDIVIDUALLY MIXED AT EACH PLANT PIT

B. PROPORTIONS: BACKFILL FOR PLANTING PITS SHALL BE ENRICHED USING THE FOLLOWING BLEND PER CUBIC YARD:

C. SOIL MIX:

60% TOP SOIL

40% ORGANIC AMENDMENT, PEAT OR LEAF COMPOST

COMMERCIAL FERTILIZER "AGRIFORM" 20-10-5

ADD "TERRA-SORB 1M" OR EQUAL HYDROGEL CRYSTALS AT THE RATE OF ONE PER CUBIC FOOT

PLANTING:

A. TREE AND SHRUB PLANTING:

1. SOIL SURROUNDING PLANTING PIT SHALL BE IN A FRIABLE CONDITION AND MOIST TO A DEPTH OF 8".

2. BACKFILL USING SPECIFIED SOIL MIX TO WITHIN 8" OF FINISH GRADE. AT THIS DEPTH, PLACE THE PLANT FERTILIZER TABLETS AGRIFORM 20-10-5, 21 GRAMS EACH, OR APPROVED EQUAL. A MINIMUM OF 3 TABLETS PER PLANTING HOLE. COMPLETE BACKFILLING TO FINISH GRADE.

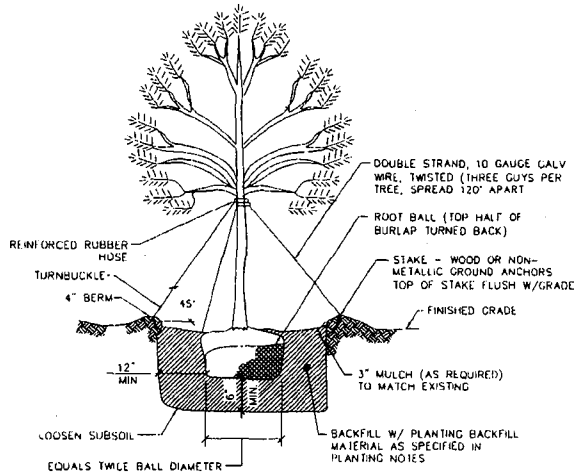
3. TREES SHALL BE PLANTED AT SUCH A DEPTH THAT THE CROWN ROOTS BEAR THE SAME RELATIVE POSITION TO FINISH GRADE AS THE CROWN ROOTS DID IN THE SOILS WHERE THE TREES WERE GROWN. BACKFILL AFTER PLANTING SHALL BE COMPACTED CAREFULLY INTO PLACE WITHOUT INJURING THE ROOTS OF THE TREE OR BREAKING UP THE BALL OF EARTH SURROUNDING THE ROOTS

WATERING:

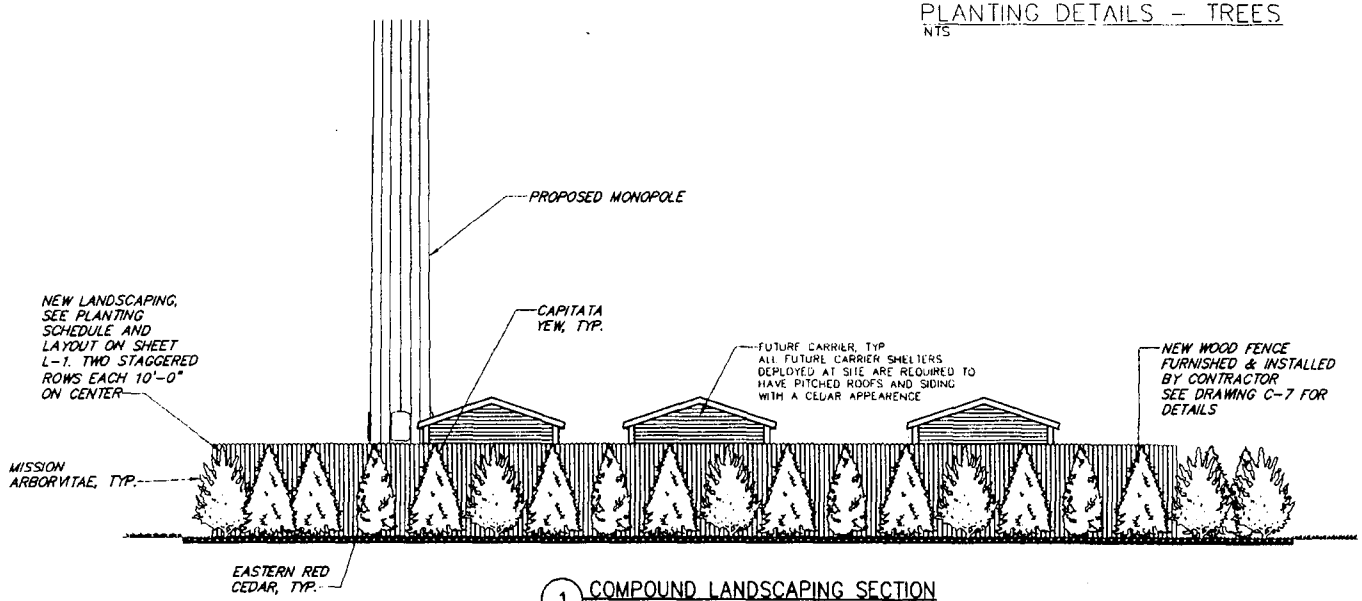
A. RESPONSIBILITY: IT SHALL BE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN A BALANCED WATERING PROGRAM TO ENSURE PROPER GROWTH UNTIL FINAL ACCEPTANCE OF THE WORK.

B. INITIAL WATERING: IMMEDIATELY AFTER PLANTING, APPLY WATER TO EACH PLANT. APPLY WATER IN A MODERATE STREAM IN THE PLANTING HOLE UNTIL THE MATERIAL ABOUT THE ROOTS IS COMPLETELY SATURATED FROM THE BOTTOM OF THE HOLE TO THE TOP OF THE GROUND. FOR TREES PLANTED IN SPRING OR SUMMER, PROVIDE TWO TO THREE IRRIGATIONS EACH WEEK DURING THE FIRST TWO MONTHS AFTER PLANTING. THE USE OF "TREEGATOR" DRIP IRRIGATION BAGS MAY BE USED AND SHOULD BE FILLED ONCE PER WEEK

C. ONGOING WATERING: FOLLOWING THE INITIAL TWO MONTHS OF FREQUENT IRRIGATION, PROVIDE WEEKLY IRRIGATION UNTIL THE END OF THE GROWING SEASON (MID NOVEMBER). AT EACH IRRIGATION, APPLY ABOUT 2 TO 3 GALLONS OF WATER PER INCH TRUNK DIAMETER (E.G 4-6 GALLONS FOR A 2-INCH TREE) OVER THE ROOT BALL. NEVER ADD IRRIGATION IF THE ROOT BALL IS SATURATED



PLANTING DETAILS - TREES
NTS



1 COMPOUND LANDSCAPING SECTION
SCALE: N.T.S

SBA
SBA TOWERS II LLC
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BOCA RATON, FL 33487-2797
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A&E PROJECT #:	15363-1030-1601
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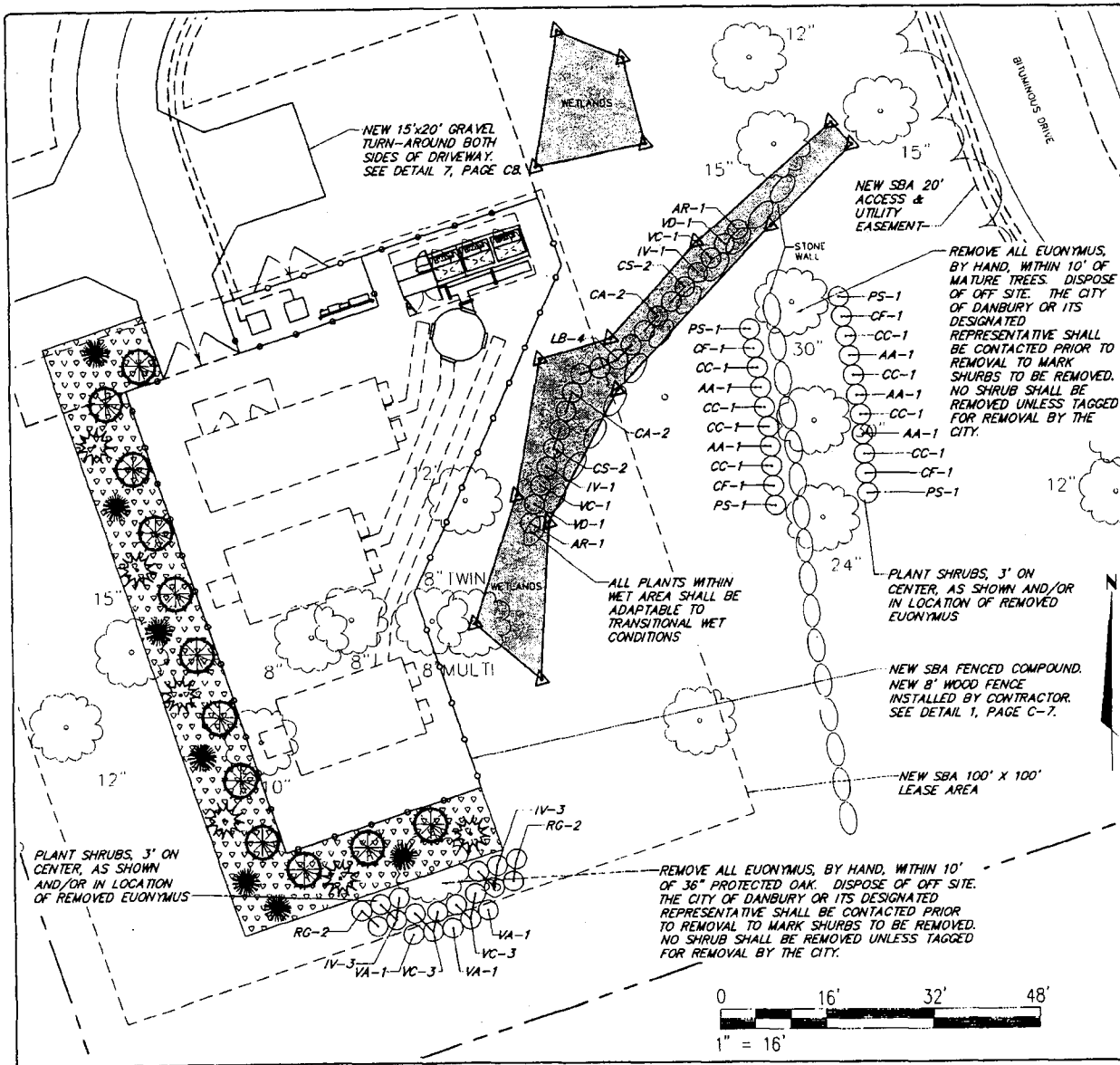
REVISIONS

NO.	DATE	DESCRIPTION
4	11/30/09	REVISED PER TOWN COMMENTS
3	10/21/09	REVISED PER TOWN COMMENTS
2	10/08/09	REVISED TOWER FOUNDATION
1	08/21/09	ISSUED FOR CONSTRUCTION

PROJECT No.: 15363-1030-1601
SITE NAME: DANBURY-1
SITE NUMBER: CT13549
SITE ADDRESS: 52 STADLEY ROUGH ROAD DANBURY, CT 06811
DESIGN TYPE: RAW LAND
SHEET TITLE: LANDSCAPE DETAILS
DRAWING NO.: L-2
REVISION: D



1 ENLARGED SITE PLAN

NOTE:
ALL PLANTINGS SHALL BE INSPECTED AT THE END OF EACH YEAR AFTER THE DATE OF SUBSTANTIAL COMPLETION THROUGH THE END OF THE YEAR. ANY DEAD PLANTINGS FOUND AT EACH SUCH INSPECTION SHALL BE REPLACED. AN ANNUAL REPORT DOCUMENTING THIS SHALL BE SUBMITTED TO THE CITY OF DANBURY DEPARTMENT OF HEALTH & HOUSING.

PLANTING SCHEDULE

KEY	QTY	BOTANICAL NAME	COMMON NAME	SYMBOL
AA	5	AMELANCHIER ARBOREA	SHADBUSH	⊙
CF	4	CORNUS FLORIDA	FLOWERING DOGWOOD	⊙
RG	4	RHUS GLABRA	SMOOTH SUMAC	⊙
VC	8	VACCINIUM CORYMBOSUM	HIGHBUSH BLUEBERRY	⊙
VA	3	VACCINIUM ANGUSTIFOLIUM	LOWBUSH BLUEBERRY	⊙
IV	8	ILEX VERTICILLATA	COMMON WINTERBERRY	⊙
CC	8	CARPINUS CAROLINIANA	AMERICAN HORNBEAM	⊙
PS	4	PRUNUS SEROTINA	BLACK CHERRY	⊙
LB	4	LINDERA BENZOIN	SPICEBUSH	⊙
CS	4	CORNUS SERICEA	RED OSIER DOGWOOD	⊙
VD	2	VIBURNUM DENTATUM	ARROWWOOD VIBURNUM	⊙
AR	2	ACER RUBRUM	RED MAPLE	⊙
CA	4	CORNUS ALBA	RED-TWIG DOGWOOD	⊙

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CHECKED BY:	JPS

REVISIONS

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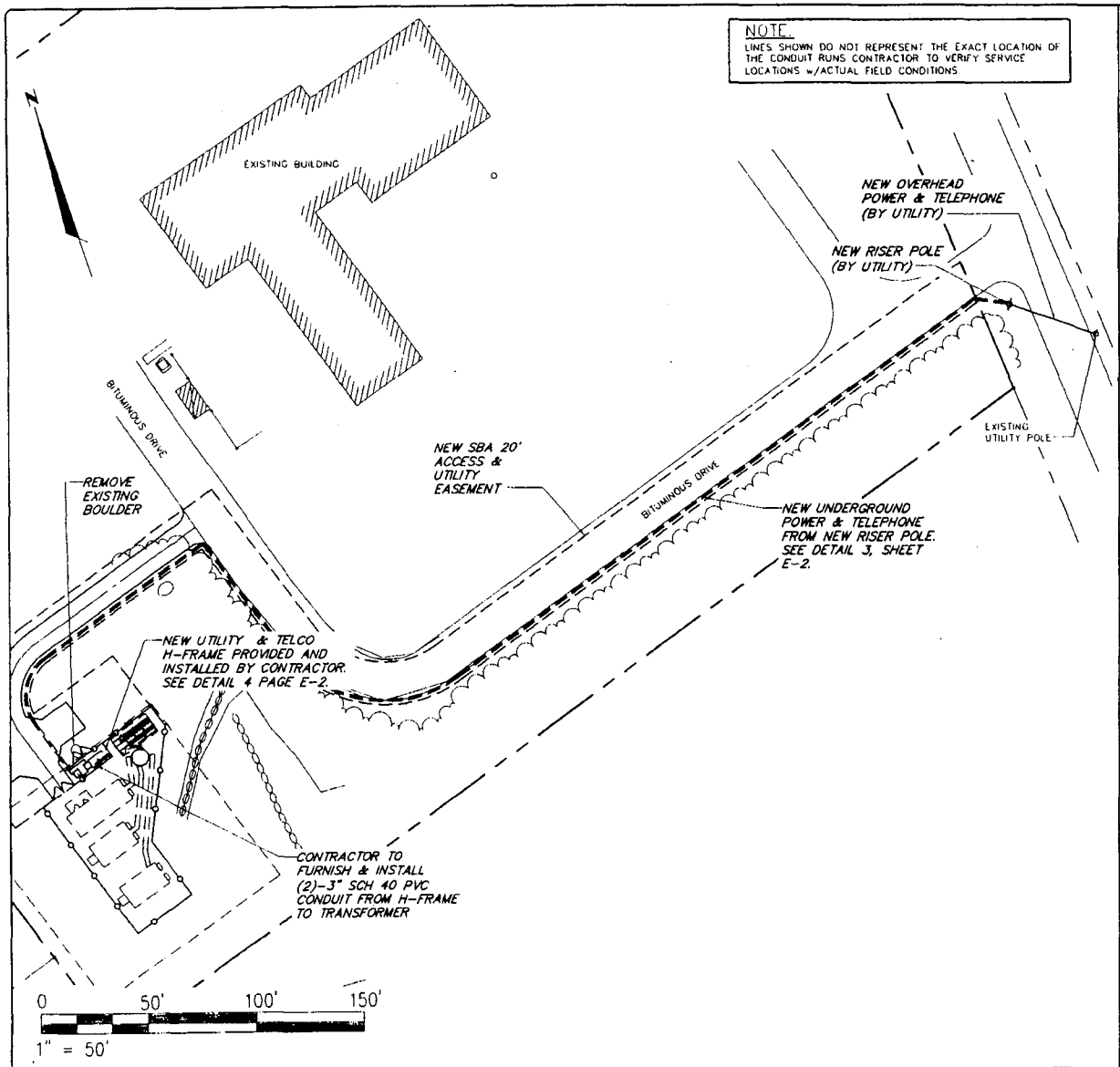
1	08/21/09	ISSUED FOR CONSTRUCTION

PROJECT No: 15363-1030-1601
SITE NAME: DANBURY-1
SITE NUMBER: CT13549
SITE ADDRESS: 52 STADLEY ROUGH ROAD DANBURY, CT 06811
DESIGN TYPE: RAW LAND
SHEET TITLE: ECOLOGICAL ENHANCEMENT PLAN
DRAWING NO.: L-3
REVISION: D



1 UTILITY SITE PLAN

GENERAL ELECTRICAL NOTES

1.) ALL ELECTRICAL WORK SHALL CONFORM TO NATIONAL ELECTRIC CODE, LATEST ADOPTED EDITION, AND LOCAL CODES.

2.) ALL ELECTRICAL MATERIALS, EQUIPMENT AND INSTALLATION PROCEDURES TO CONFORM WITH SBA SPECIFICATIONS.

3.) CONTRACTOR SHALL PERFORM ALL VERIFICATION TESTS AND EXAMINATION WORK PRIOR TO THE ORDERING OF THE ELECTRICAL EQUIPMENT AND THE ACTUAL CONSTRUCTION. CONTRACTOR SHALL ISSUE A WRITTEN NOTICE OF ALL FINDINGS TO THE ENGINEER LISTING ALL MALFUNCTIONS, FAULTY EQUIPMENT & DISCREPANCIES.

4.) ELECTRICAL PLANS, DETAILS, AND DIAGRAMS ARE DIAGRAMMATIC ONLY FIELD CONDITIONS DICTATE THE AMOUNT AND LOCATION OF EQUIPMENT.

5.) ALL MATERIALS SHALL BE MANUFACTURED IN ACCORDANCE WITH APPLICABLE STANDARDS ESTABLISHED BY ANSI, NEMA, NFPA, AND "UL" LISTED.

6.) THE ENTIRE ELECTRICAL INSTALLATION SHALL BE GROUNDED AS REQUIRED BY THE NEC, AND ALL APPLICABLE LOCAL CODES.

7.) ALL CIRCUIT BREAKERS, FUSES AND ELECTRICAL EQUIPMENT SHALL HAVE A MINIMUM INTERRUPTING RATING GREATER THAN THE UTILITY FAULT CURRENT.

8.) FOR COMPLETE INTERNAL WIRING AND ARRANGEMENT REFER TO VENDOR PRINTS AND INSTRUCTIONS.

9.) PATCH, REPAIR AND PAINT ANY AREA THAT HAS BEEN DAMAGED IN THE COURSE OF THE ELECTRICAL WORK.

10.) PROVIDE SBA WITH ONE SET OF COMPLETE ELECTRICAL "AS-BUILT" DRAWINGS AT THE COMPLETION OF THE JOB SHOWING ACTUAL ROUTINGS AND WIRING CONNECTIONS.

11.) LABEL ALL ELECTRICAL EQUIPMENT PER SBA SPECIFICATIONS.

12.) ALL SINGLE-PHASE SELF-CONTAINED METER CONNECTION DEVICES MUST INCLUDE HORN TYPE BY-PASS PROVISION SO THAT SERVICE WILL NOT BE INTERRUPTED WHEN A METER IS REMOVED FROM THE SOCKET.

13.) ALL EQUIPMENT PUNCH OUTS AND CONDUITS (USED AND SPARE) TO BE "RODENT PROOFED" WITH CAPS, STEEL MESH, AND/OR FOAM FILL BY CONTRACTOR (AS NEEDED).

14.) ALL INTERIOR CONDUITS AND BUSHINGS SHALL BE EMT. ALL EXTERIOR SHALL BE PVC UNLESS NOTED OTHERWISE. SEE SBA SPECIFICATIONS.

15.) NO SPOILS TO BE LEFT ON SITE WITHOUT THE WRITTEN CONSENT OF THE LANDOWNER.

16.) CONTRACTOR TO PROVIDE 2 PHENOLIC LABELS AT METER ONE TO IDENTIFY "SBA DISCONNECT" AND THE OTHER TO GIVE SITE ADDRESS.

CODES AND STANDARDS

ANSI	AMERICAN NATIONAL STANDARDS INSTITUTE
NEC	NATIONAL ELECTRICAL CODE, LATEST ADOPTED EDITION
NEMA	NATIONAL ELECTRICAL MANUFACTURER'S ASSOCIATION
NFPA	NATIONAL FIRE PROTECTION ASSOCIATION
UL	UNDERWRITERS LABORATORIES, INC.

UTILITY PROVIDE INFORMATION

POWER COMPANY: CL&P
CONTACT: UNKNOWN
PHONE: (800) 286-2000

TELEPHONE COMPANY: AT&T CONNECTICUT
CONTACT: UNKNOWN
PHONE: (800) 648-3920

CALL before you DIG
FOR CT 1-800-922-4455

SBA
SBA TOWERS II LLC
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BOCA RATON, FL 33487-2797
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DRAWN BY:	CMM
CHECKED BY	PAL

REVISIONS

NO.	DATE	DESCRIPTION
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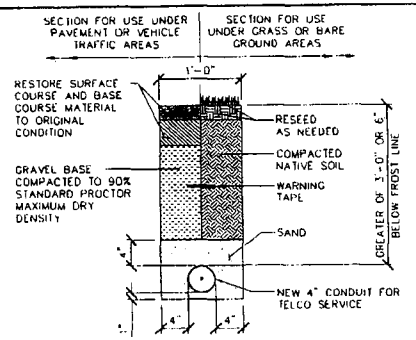
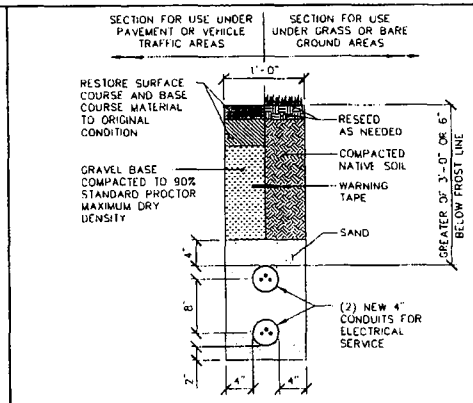
3	10/21/09	REVISED PER TOWN COMMENTS
2	10/06/09	REVISED TOWER FOUNDATION
1	09/21/09	ISSUED FOR CONSTRUCTION

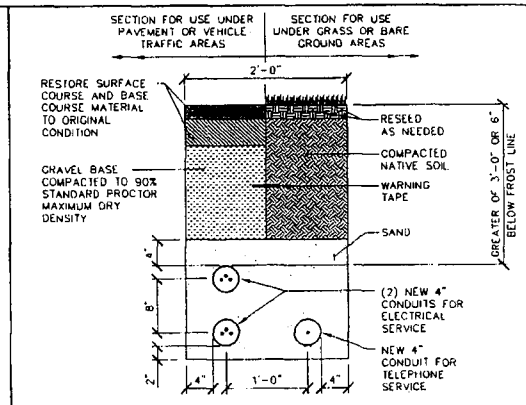
PROJECT No: 15363-1030-1601
SITE NAME: DANBURY-1
SITE NUMBER: CT13549
SITE ADDRESS: 52 STADLEY ROUGH ROAD DANBURY, CT 06811
DESIGN TYPE: RAW LAND
SHEET TITLE: UTILITY SITE PLAN
DRAWING NO.: E-1
REVISION: D



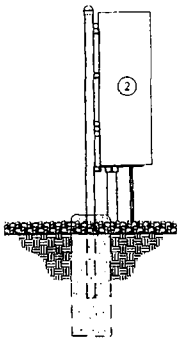
1 TELEPHONE TRENCH DETAIL SCALE: N.T.S



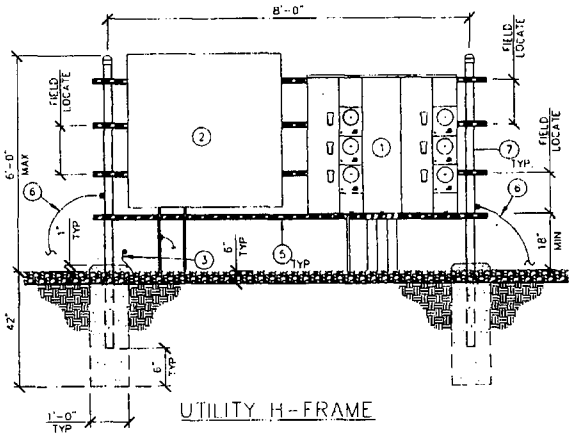
2 ELECTRICAL TRENCH DETAIL SCALE: N.T.S



3 JOINT UTILITY TRENCH DETAIL SCALE: N.T.S

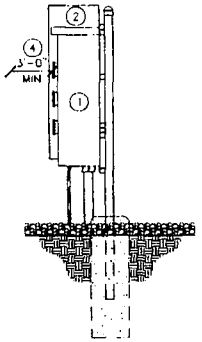


SIDE VIEW



UTILITY H-FRAME

FRONT VIEW



SIDE VIEW

BALLOON REFERENCE NOTES:

1. 800A, 120/240V, 1 PHASE, 3 WIRE, 6 POSITION METERING CENTER (200A MAX CIRCUIT BREAKER) (SQUARE D METER PAK MPR86200, OR EQUAL)
2. 36" x 36" X 12" NEMA 3R ENCLOSURE HOFFMAN A-36R3612HCR OR EQUAL
3. 6' #6 GROUND WIRE COILED AT POST CONNECT TO GROUNDING SYSTEM
4. CONTRACTOR TO MAINTAIN 3'-0" MINIMUM CLEARANCE FROM METERING CENTER TO NEAREST OBSTRUCTION
5. HORIZONTAL SUPPORT MEMBER (UNISTRUT P1000, OR APPROVED EQUAL)
6. #2 AWG BARE SOLID TINNED COPPER WIRE ROUTED TO GROUNDING SYSTEM (TYP EACH LEG)
7. 3" NOMINAL GALVANIZED STEEL PIPE WITH PIPE CAP

4 UTILITY & TELCO H-FRAME DETAIL SCALE: N.T.S

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A&E PROJECT #:	15363-1030-1601
DRAWN BY:	CMM
CHECKED BY:	PAL

REVISIONS

NO	DATE	DESCRIPTION
1	12/18/09	REVISED PER TOWN COMMENTS
2	11/30/09	REVISED PER TOWN COMMENTS
3	10/21/09	REVISED PER TOWN COMMENTS
4	10/06/09	REVISED TOWER FOUNDATION
5	08/21/09	ISSUED FOR CONSTRUCTION

PROJECT No: 15363-1030-1601

SITE NAME: DANBURY-1

SITE NUMBER: CT13549

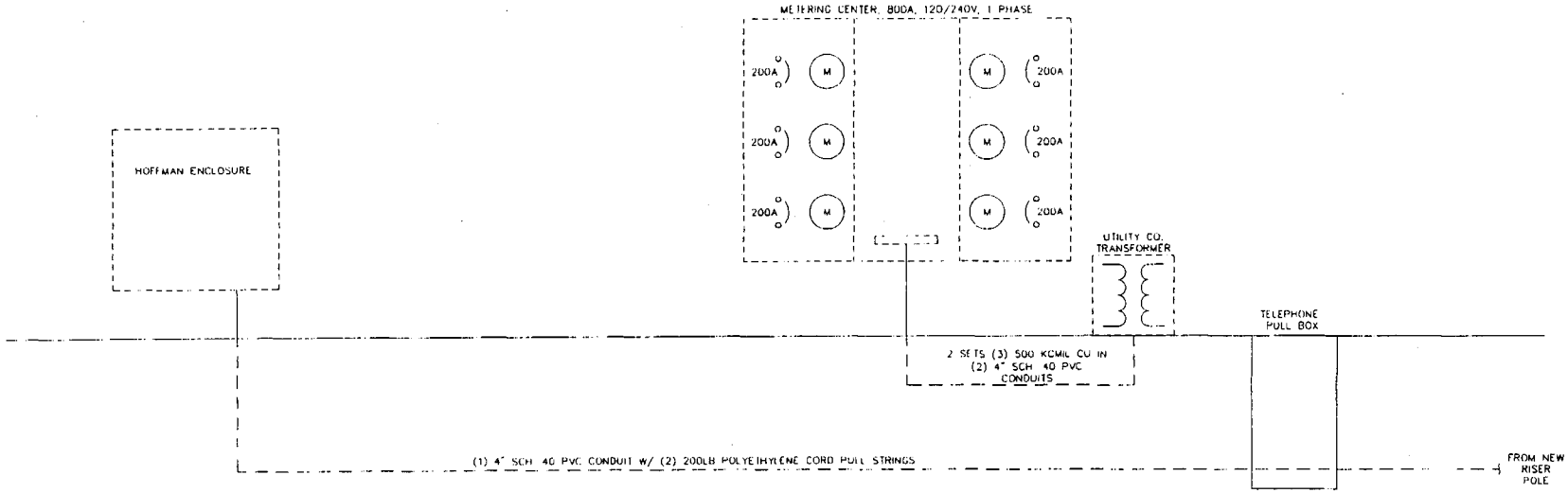
SITE ADDRESS: 52 STADLEY ROUGH ROAD DANBURY, CT 06811

DESIGN TYPE: RAW LAND

SHEET TITLE: UTILITY DETAILS

DRAWING NO.: E-2

REVISION: E



1 ELECTRICAL SINGLE-LINE DIAGRAM

SCALE: N.T.S.

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DRAWN BY:	CMM
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REVISIONS

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3	10/08/09	REVISED TOWER FOUNDATION
2	08/21/09	ISSUED FOR CONSTRUCTION
1		

PROJECT No.
15363-1030-1601

SITE NAME
DANBURY-1

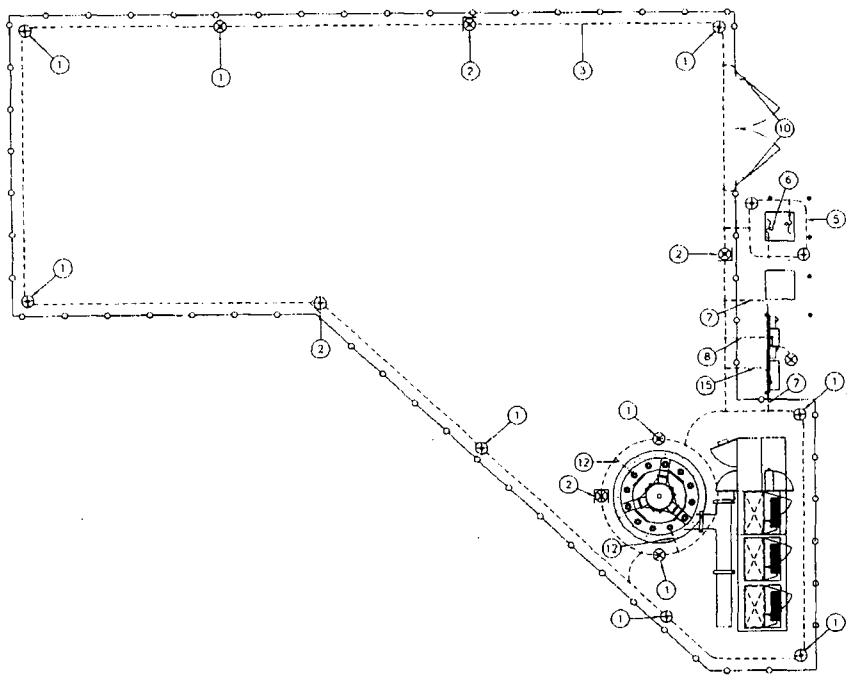
SITE NUMBER
CT13549

SITE ADDRESS:
52 STADLEY ROUGH ROAD
DANBURY, CT 06811

DESIGN TYPE:
RAW LAND

SHEET TITLE
SINGLE LINE DIAGRAM & PANEL SCHEDULE

DRAWING NO.	REVISION
E-3	E



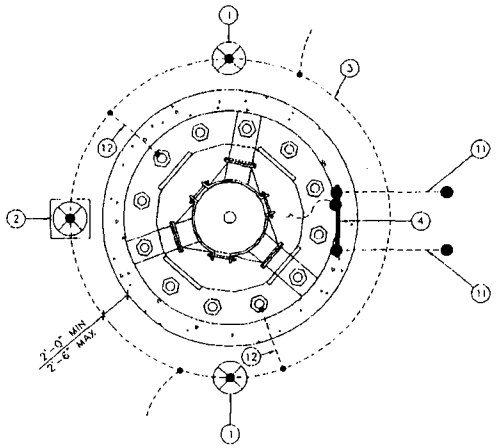
BALLOON REFERENCE NOTES:

1. 5/8"~X8' COPPER CLAD GROUND ROD BURIED 36" BELOW GRADE (MIN.)
2. GROUND ROD ACCESS WELL (MIN. OF 4 EACH PER COMPOUND)
3. #2 SOLID, TINNED, BARE COPPER WIRE GROUND RING (CONTINUOUS STRAND)
4. 1/4"X4"X20" TINNED COPPER GROUND BAR. 2 TYP, AT BASE AND TOP OF TOWER. MOUNT DIRECT TO TOWER, DO NOT ISOLATE
5. #2 SOLID, TINNED, BARE COPPER WIRE GROUND RING (CONTINUOUS STRAND) FOR UTILITY TRANSFORMER. PER NEC AND UTILITY COMPANY SPECIFICATIONS
6. #2 SOLID, TINNED, BARE COPPER GROUND LEAD FROM UTILITY TRANSFORMER TO GROUND RING. (2 TYPICAL)
7. #2 SOLID, TINNED, BARE COPPER WIRE GROUND LEAD TO UTILITY H-FRAME SUPPORT POST
8. SERVICE ENTRANCE GROUND TO DEDICATED GROUND ROD
9. #2 SOLID, TINNED, BARE COPPER WIRE FROM PPC TO GROUND RING
10. #2 INSULATED, STRANDED COPPER BOND STRAP FROM GATE FRAME TO GATE POST. (TYP EACH GATE)
11. #2 SOLID, TINNED, BARE COPPER GROUND LEAD FROM GROUND BAR AT MONOPOLE BASE TO GROUND RING. ROUTE IN 3/4" FLEX CONDUIT AND WEATHERPROOF OPEN END. (2 TYPICAL)
12. #2 SOLID, TINNED, BARE COPPER GROUND LEAD FROM MONOPOLE BASE TO GROUND RING. (2 TYPICAL, 180° SEPARATION)
13. 1/4"X4"X20" TINNED COPPER GROUND BAR.
14. #2 SOLID, TINNED, BARE COPPER GROUND LEAD FROM GROUND BAR AT ICE BRIDGE TO GROUND RING. ROUTE IN 3/4" FLEX CONDUIT AND WEATHERPROOF OPEN END. (2 TYPICAL)
15. #2 SOLID, TINNED, BARE COPPER WIRE FROM HOFFMAN BOX TO GROUND RING
16. #2 SOLID, TINNED, BARE COPPER WIRE FROM EQUIPMENT CABINET TO GROUND RING

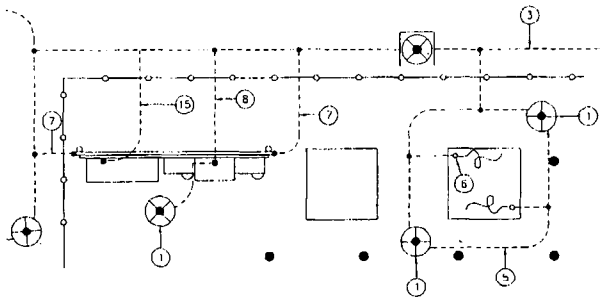
1 SITE GROUNDING PLAN (TYP.)

SYMBOLS LEGEND

- GROUND ROD WITH ACCESS
- GROUND ROD
- EXOTHERMIC CONNECTION
- MECHANICAL CONNECTION
- GROUND BAR
- GROUND WIRE



2 ENLARGED GROUNDING PLAN @ TOWER BASE (TYP.)



3 ENLARGED GROUNDING PLAN @ UTILITY & TELCO PEDESTAL

SBA TOWERS II LLC
5900 BROKEN SOUND PARKWAY, NW
BOCA RATON, FL 33487-2797
TEL: (561) 226-9525
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A&E PROJECT #	15363-1030-1601
DRAWN BY:	CMM
CHECKED BY:	PAL

REVISIONS

NO.	DATE	DESCRIPTION
4	11/30/09	REVISED PER TOWN COMMENTS
3	10/21/09	REVISED PER TOWN COMMENTS
2	10/06/09	REVISED TOWER FOUNDATION
1	08/21/09	ISSUED FOR CONSTRUCTION

PROJECT No.
15363-1030-1601

SITE NAME
DANBURY-1

SITE NUMBER
CT13549

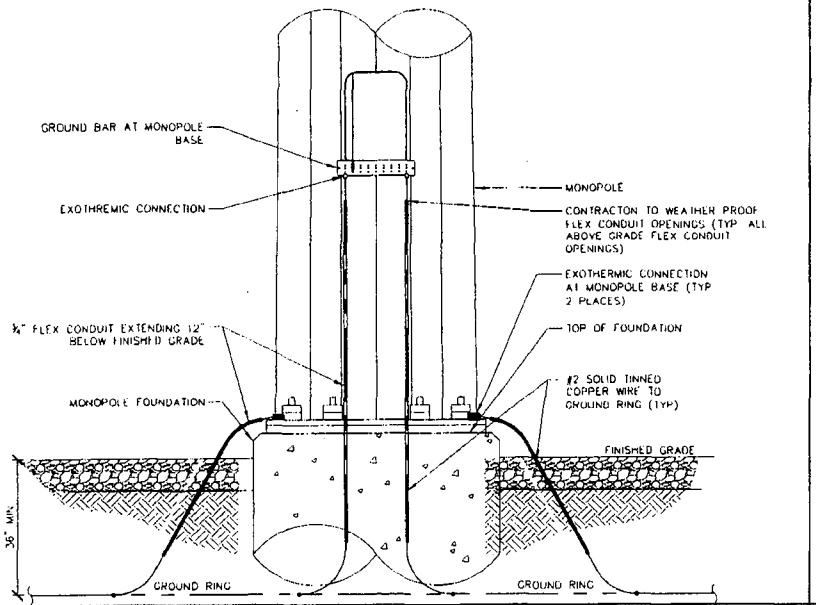
SITE ADDRESS
52 STADLEY ROUGH ROAD
DANBURY, CT 06811

DESIGN TYPE
RAW LAND

SHEET TITLE:
GROUNDING PLAN & DETAILS

DRAWING NO.
EG-1

REVISION
D



1 GROUNDING @ TOWER BASE SCALE: N.T.S

CADWELD CONNECTIONS
(OR APPROVED EQUAL)

PARALLEL HORIZONTAL CONDUCTORS
PARALLEL THROUGH CONNECTION OF HORIZONTAL CABLES TYPE PT

HORIZONTAL STEEL SURFACE
TO FLAT STEEL SURFACE OR HORIZONTAL PIPE TYPE HS

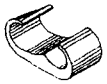
THROUGH CABLE TO GROUND ROD
THROUGH CABLE TO TOP OF GROUND ROD TYPE GT

VERTICAL STEEL SURFACE
CABLE DOWN AT 45° TO VERTICAL STEEL SURFACE INCLUDING PIPE TYPE VS

HORIZONTAL SPLICE
SPLICE OF HORIZONTAL CABLES

VERTICAL PIPE
CABLE DOWN AT 45° TO RANGE OF VERTICAL PIPES TYPE VS

BURNDY CONNECTIONS
(OR APPROVED EQUAL)

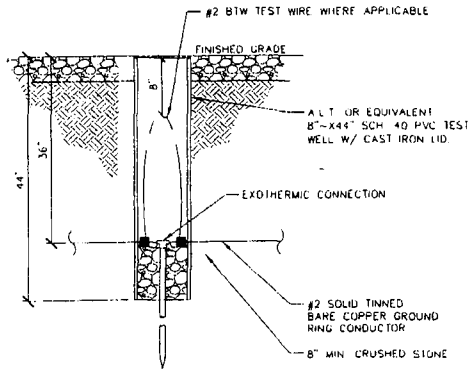


"C" CONNECTOR
HYPRESS TYPE YGHC

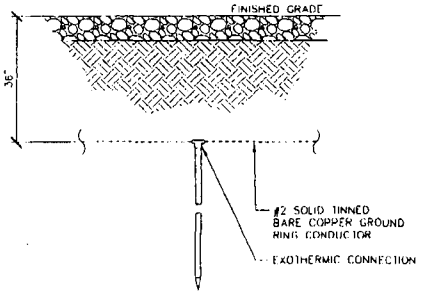
BOND JUMPER
FIELD FABRICATED GREEN STRANDED INSULATED TYPE 2-YA-2

COPPER LUGS
TWO HOLE - LONG BARREL LENGTH TYPE YA-2

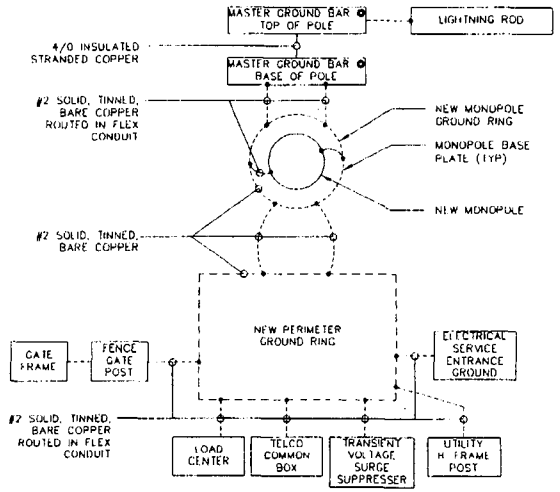
2 TYPICAL WELDING CONNECTIONS SCALE: N.T.S



3 ACCESS WELL DETAIL SCALE: N.T.S



4 GROUNDING ROD DETAIL SCALE: N.T.S



5 SINGLE-LINE DIAGRAM SCALE: N.T.S

SBA
SBA TOWERS II LLC
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PROJECT No.
15363-1030-1601

SITE NAME
DANBURY-1

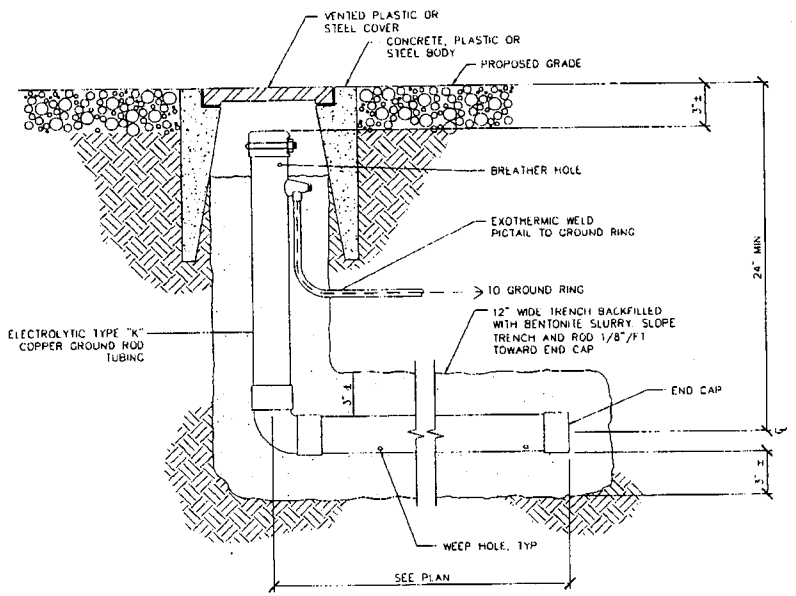
SITE NUMBER:
CT13549

SITE ADDRESS:
52 STADLEY ROUGH ROAD
DANBURY, CT 06811

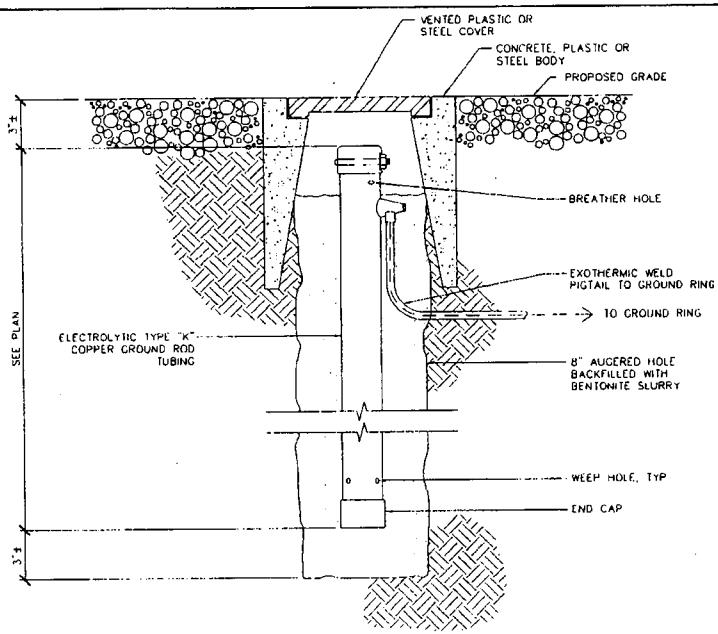
DESIGN TYPE:
RAW LAND

SHEET TITLE
GROUNDING DETAILS

DRAWING NO. EG-2 REVISION D



1 XIT CHEMICAL GROUND DETAIL HORIZONTAL (WHEN REQUIRED) SCALE: NTS



2 XIT CHEMICAL GROUND DETAIL VERTICAL (WHEN REQUIRED) SCALE: NTS

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PROJECT No.: 15363-1030-1601

SITE NAME: DANBURY-1

SITE NUMBER: CT13549

SITE ADDRESS: 52 STADLEY ROUGH ROAD DANBURY, CT 06811

DESIGN TYPE: RAW LAND

SHEET TITLE: GROUNDING DETAILS

DRAWING NO.: EG-3

REVISION: D

DOCKET NO. 366 - Optasite Towers LLC and Omnipoint Communications, Inc. application for a Certificate of Environmental Compatibility and Public Need for the construction, maintenance and operation of a telecommunications facility located at 52 Stadley Rough Road in Danbury, Connecticut.	}	Connecticut
	}	Siting
	}	Council
		April 23, 2009

Decision and Order

Pursuant to the foregoing Findings of Fact and Opinion, the Connecticut Siting Council (Council) finds that the effects associated with the construction, operation, and maintenance of a telecommunications facility, including effects on the natural environment; ecological integrity and balance; public health and safety; scenic, historic, and recreational values; forests and parks; air and water purity; and fish and wildlife are not disproportionate, either alone or cumulatively with other effects, when compared to need, are not in conflict with the policies of the State concerning such effects, and are not sufficient reason to deny the application, and therefore directs that a Certificate of Environmental Compatibility and Public Need, as provided by General Statutes § 16-50k, be issued to Optasite Towers LLC, hereinafter referred to as the Certificate Holder, for a telecommunications facility at 52 Stadley Rough Road, Danbury, Connecticut.

The facility shall be constructed, operated, and maintained substantially as specified in the Council's record in this matter, and subject to the following conditions:

1. The tower shall be constructed as a monopole, no taller than necessary to provide the proposed telecommunications services, sufficient to accommodate the antennas of Omnipoint Communications, Inc. and other entities, both public and private, but such tower shall not exceed a height of 140 feet above ground level. All antennas attached to the monopole shall be flush-mounted.

2. The Certificate Holder shall shift, to the extent feasible, the compound to the north and east to help retain the existing vegetative buffer.

3. The Certificate Holder shall incorporate an architectural treatment for the fence of the facility compound and any equipment shelters therein that is consistent with and amenable to adjacent land uses.

4. The Certificate Holder shall prepare a Development and Management (D&M) Plan for this site in compliance with Sections 16-50j-75 through 16-50j-77 of the Regulations of Connecticut State Agencies. The D&M Plan shall be served on the City of Danbury for comment, and all parties and intervenors as listed in the service list, and submitted to and approved by the Council prior to the commencement of facility construction and shall include:

a) a final site plan(s) of site development to include specifications for the tower, tower foundation, antennas, equipment compound, radio equipment, access road, utility line, and landscaping that will provide additional vegetative buffering for the adjacent properties; and

b) construction plans for site clearing, grading, landscaping, water drainage, and erosion and sedimentation controls consistent with the 2002 Connecticut Guidelines for Soil Erosion and Sediment Control, as amended.

5. The Certificate Holder shall, prior to the commencement of operation, provide the Council worst-case modeling of the electromagnetic radio frequency power density of all proposed entities' antennas at the closest point of uncontrolled access to the tower base, consistent with Federal Communications Commission, Office of Engineering and Technology, Bulletin No. 65, August 1997. The Certificate Holder shall ensure a recalculated report of the electromagnetic radio frequency power density be submitted to the Council if and when circumstances in operation cause a change in power density above the levels calculated and provided pursuant to this Decision and Order.

6. Upon the establishment of any new State or federal radio frequency standards applicable to frequencies of this facility, the facility granted herein shall be brought into compliance with such standards.

7. The Certificate Holder shall permit public or private entities to share space on the proposed tower for fair consideration, or shall provide any requesting entity with specific legal, technical, environmental, or economic reasons precluding such tower sharing.

8. The Certificate Holder shall provide reasonable space on the tower for no compensation for any City of Danbury public safety services (police, fire and medical services), provided such use can be accommodated and is compatible with the structural integrity of the tower.

9. Unless otherwise approved by the Council, if the facility authorized herein is not fully constructed and providing wireless services within eighteen months from the date of the mailing of the Council's Findings of Fact, Opinion, and Decision and Order (collectively called "Final Decision"), this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made. The time between the filing and resolution of any appeals of the Council's Final Decision shall not be counted in calculating this deadline.

10. Any request for extension of the time period referred to in Condition 9 shall be filed with the Council not later than 60 days prior to the expiration date of this Certificate and shall be served on all parties and intervenors, as listed in the service list, and the City of Danbury. Any proposed modifications to this Decision and Order shall likewise be so served.

11. If the facility ceases to provide wireless services for a period of one year, this Decision and Order shall be void, and the Certificate Holder shall dismantle the tower and remove all associated equipment or reapply for any continued or new use to the Council before any such use is made.

12. The Certificate Holder shall remove any nonfunctioning antenna, and associated antenna mounting equipment, within 60 days of the date the antenna ceased to function.

13. In accordance with Section 16-50j-77 of the Regulations of Connecticut State Agencies, the Certificate Holder shall provide the Council with written notice two weeks prior to the commencement of site construction activities. In addition, the Certificate Holder shall provide the Council with written notice of the completion of site construction and the commencement of site operation.

Pursuant to General Statutes § 16-50p, the Council hereby directs that a copy of the Findings of Fact, Opinion, and Decision and Order be served on each person listed below, and notice of issuance shall be published in the Danbury News-Times.

By this Decision and Order, the Council disposes of the legal rights, duties, and privileges of each party named or admitted to the proceeding in accordance with Section 16-50j-17 of the Regulations of Connecticut State Agencies.

The parties and intervenors to this proceeding are:

APPLICANT	**ITS REPRESENTATIVE**
Optasite Towers LLC and Omnipoint Communications, Inc. One Research Drive, Suite 200C Westborough, MA 01581	Christopher B. Fisher, Esq. Lucia Chiocchio, Esq. Cuddy & Feder LLP 445 Hamilton Avenue, 14th Floor White Plains, New York 10601
City of Danbury	Laszlo L. Pinter, Esq. Robin Edwards, Esq. City of Danbury 155 Deer Hill Avenue Danbury, CT 06810