

SOMERVILLE BRYANT  
MANOR-RFP

75 MYRTLE STREET  
SOMERVILLE, MA 02145

SITE NUMBER: 4BS0101-D

SITE TYPE: ROOFTOP

TOWN OF SOMERVILLE
FIRE DEPARTMENT
POLICE DEPARTMENT
DEPARTMENT OF PUBLIC WORKS
ZONING BOARD
PLANNING BOARD

T-MOBILE NORTHEAST LLC  
15 COMMERCE WAY  
NORTON, MA 02766  
OFFICE: (508) 286-2700  
FAX: (508) 286-2893



APPROVALS

LANDLORD	_____
LEASING	_____
R.F.	_____
ZONING	_____
CONSTRUCTION	_____
A/E	_____

ENGINEER

PROJECT NO: 2912.147

DRAWN BY: DR

CHECKED BY: K.B.

SUBMITTALS

REV 2	11-15-10	REDESIGN PER ZONING
REV 1	10-26-10	REDESIGN PER LL
REV 0	7-14-10	ZONING FINAL
REV A	6-30-10	ZONING

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SITE  
4BS0101-D  
SOMERVILLE BRYANT  
MANOR-RFP  
75 MYRTLE STREET  
SOMERVILLE, MA 02145

SHEET TITLE

TITLE SHEET

SHEET NUMBER

T-1

GENERAL NOTES

1. THE CONTRACTOR SHALL GIVE ALL NOTICES AND COMPLY WITH ALL FEDERAL AND LOCAL LAWS, ORDINANCES, RULES, REGULATIONS AND LAWFUL ORDERS OF ANY PUBLIC AUTHORITY, MUNICIPAL AND UTILITY COMPANY SPECIFICATIONS, AND LOCAL AND STATE JURISDICTIONAL CODES BEARING ON THE PERFORMANCE OF THE WORK. THE WORK PERFORMED ON THE PROJECT AND THE MATERIALS INSTALLED SHALL BE IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, REGULATIONS, AND ORDINANCES.

2. THE ARCHITECT/ENGINEER HAVE MADE EVERY EFFORT TO SET FORTH IN THE CONSTRUCTION AND CONTRACT DOCUMENTS THE COMPLETE SCOPE OF WORK. THE CONTRACTOR BIDDING THE JOB IS NEVERTHELESS CAUTIONED THAT MINOR OMISSIONS OR ERRORS IN THE DRAWINGS AND OR SPECIFICATIONS SHALL NOT EXCUSE SAID CONTRACTOR FROM COMPLETING THE PROJECT AND IMPROVEMENTS IN ACCORDANCE WITH THE INTENT OF THESE DOCUMENTS.

3. THE CONTRACTOR OR BIDDER SHALL BEAR THE RESPONSIBILITY OF NOTIFYING (IN WRITING) THE LESSEE REPRESENTATIVE OF ANY CONFLICTS, ERRORS, OR OMISSIONS PRIOR TO THE SUBMISSION OF CONTRACTOR'S PROPOSAL OR PERFORMANCE OF WORK. IN THE EVENT OF DISCREPANCIES THE CONTRACTOR SHALL PRICE THE MORE COSTLY OR EXTENSIVE WORK, UNLESS DIRECTED IN WRITING OTHERWISE.

4. THE SCOPE OF WORK SHALL INCLUDE FURNISHING ALL MATERIALS, EQUIPMENT, LABOR AND ALL OTHER MATERIALS AND LABOR DEEMED NECESSARY TO COMPLETE THE WORK/PROJECT AS DESCRIBED HEREIN.

5. THE CONTRACTOR SHALL VISIT THE JOB SITE PRIOR TO THE SUBMISSION OF BIDS OR PERFORMING WORK TO FAMILIARIZE HIMSELF WITH THE FIELD CONDITIONS AND TO VERIFY THAT THE PROJECT CAN BE CONSTRUCTED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.

6. THE CONTRACTOR SHALL OBTAIN AUTHORIZATION TO PROCEED WITH CONSTRUCTION PRIOR TO STARTING WORK ON ANY ITEM NOT CLEARLY DEFINED BY THE CONSTRUCTION DRAWINGS / CONTRACT DOCUMENTS.

7. THE CONTRACTOR SHALL INSTALL ALL EQUIPMENT AND MATERIALS ACCORDING TO THE MANUFACTURER'S / VENDOR'S SPECIFICATIONS UNLESS NOTED OTHERWISE OR WHERE LOCAL CODES OR ORDINANCES TAKE PRECEDENCE.

8. THE CONTRACTOR SHALL PROVIDE A FULL SET OF CONSTRUCTION DOCUMENTS AT THE SITE UPDATED WITH THE LATEST REVISIONS AND ADDENDUMS OR CLARIFICATIONS AVAILABLE FOR THE USE BY ALL PERSONNEL INVOLVED WITH THE PROJECT.

9. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE PROJECT DESCRIBED HEREIN. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES AND PROCEDURES AND FOR COORDINATING ALL PORTIONS OF THE WORK UNDER THE CONTRACT.
10. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL NECESSARY CONSTRUCTION CONTROL SURVEYS, ESTABLISHING AND MAINTAINING ALL LINES AND GRADES REQUIRED TO CONSTRUCT ALL IMPROVEMENTS AS SHOWN HEREIN.

11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS WHICH MAY BE REQUIRED FOR THE WORK BY THE ARCHITECT/ENGINEER, THE STATE, COUNTY OR LOCAL GOVERNMENT AUTHORITY.

12. THE CONTRACTOR SHALL MAKE NECESSARY PROVISIONS TO PROTECT EXISTING IMPROVEMENTS, EASEMENTS, PAVING, CURBING, ETC. DURING CONSTRUCTION. UPON COMPLETION OF WORK, THE CONTRACTOR SHALL REPAIR ANY DAMAGE THAT MAY HAVE OCCURRED DUE TO CONSTRUCTION ON OR ABOUT THE PROPERTY.

13. THE CONTRACTOR SHALL KEEP THE GENERAL WORK AREA CLEAN AND HAZARD FREE DURING CONSTRUCTION AND DISPOSE OF ALL DIRT, DEBRIS, RUBBISH AND REMOVE EQUIPMENT NOT SPECIFIED AS REMAINING ON THE PROPERTY. PREMISES SHALL BE LEFT IN CLEAN CONDITION AND FREE FROM PAINT SPOTS, DUST, OR SMUDGES OF ANY NATURE.

14. THE CONTRACTOR SHALL COMPLY WITH ALL OSHA REQUIREMENTS AS THEY APPLY TO THIS PROJECT.

15. THE CONTRACTOR SHALL NOTIFY THE LESSEE REPRESENTATIVE WHERE A CONFLICT OCCURS ON ANY OF THE CONTRACT DOCUMENTS. THE CONTRACTOR IS NOT TO ORDER MATERIAL OR CONSTRUCT ANY PORTION OF THE WORK THAT IS IN CONFLICT UNTIL CONFLICT IS RESOLVED BY THE LESSEE REPRESENTATIVE.

16. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, ELEVATIONS, PROPERTY LINES, ETC. ON THE JOB.

17. ALL UNDERGROUND UTILITY INFORMATION WAS DETERMINED FROM SURFACE INVESTIGATIONS AND EXISTING PLANS OF RECORD. THE CONTRACTOR SHALL LOCATE ALL UNDERGROUND UTILITIES IN THE FIELD PRIOR TO ANY SITE WORK. CALL THE FOLLOWING FOR ALL PRE-CONSTRUCTION NOTIFICATION 72-HOURS PRIOR TO ANY EXCAVATION ACTIVITY: DIG SAFE SYSTEM (MA, ME, NH, RI, VT): 1-888-344-7233 CALL BEFORE YOU DIG (CT): 1-800-922-4455

18. PER FCC MANDATE, ENHANCED EMERGENCY (E911) SERVICE IS REQUIRED TO MEET NATIONWIDE STANDARDS FOR WIRELESS COMMUNICATIONS SYSTEMS. PROJECT OWNER IMPLEMENTATION REQUIRES DEPLOYMENT OF EQUIPMENT AND ANTENNAS GENERALLY DEPICTED ON THIS PLAN, ATTACHED TO OR MOUNTED IN CLOSE PROXIMITY TO THE BTS RADIO CABINETS. THE PROJECT OWNER RESERVES THE RIGHT TO MAKE REASONABLE MODIFICATIONS TO E911 EQUIPMENT AND LOCATION AS TECHNOLOGY EVOLVES TO MEET REQUIRED SPECIFICATIONS.

VICINITY MAP

SCALE: 1" = 100' N



DO NOT SCALE DRAWINGS

CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE T-MOBILE NORTHEAST LLC REPRESENTATIVE IN WRITING OF DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR BE RESPONSIBLE FOR SAME.

SHEET INDEX

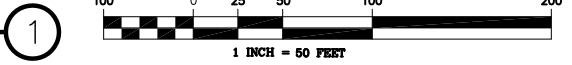
SHT. NO.	DESCRIPTION	REV. NO.
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C-1	300' RADIUS MAP	2
Z-1	SITE PLAN	2
Z-2	PARTIAL ROOFTOP PLAN	2
Z-3	ELEVATION & DETAILS	2
Z-4	ELEVATION	2

PROJECT SUMMARY

SITE NUMBER: 4BS0101-D  
SITE NAME: SOMERVILLE BRYANT MANOR-RFP  
SITE ADDRESS: 75 MYRTLE STREET SOMERVILLE, MA 02145  
ASSESSOR'S PARCEL NO.: 9-F-4  
  
ZONING DISTRICT: (RC) RESIDENCE C  
  
JURISDICTION: CITY OF SOMERVILLE  
  
CONSTRUCTION TYPE: ROOFTOP  
  
PROPERTY OWNER: HOUSING AUTHORITY 75 MYRTLE STREET SOMERVILLE, MA 02145  
  
CONTACT: VICTOR ABRAMSON (978) 376-2686  
  
APPLICANT: T-MOBILE NORTHEAST LLC 15 COMMERCE WAY, SUITE B NORTON, MA 02766  
  
ELECTRICAL ENGINEER: BAY STATE DESIGN



300' RADIUS MAP  
SCALE: 1"=50'



NOTES:  
1. PLOT PLAN IS NOT THE RESULT OF A SURVEY. IT IS BASED ON FIELD MEASUREMENTS AND SCALED ASSESSORS MAPS. ALL INFORMATION SHOWN IS APPROXIMATE ONLY AND SUBJECT TO ANY CONDITIONS THAT A SURVEY MAY REVEAL.  
2. CONTRACTOR TO IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN THE EXISTING SITE CONDITIONS AND THAT WHICH IS REPRESENTED HERE.

SOURCE:  
1. PLAN BASED ON TOWN OF SOMERVILLE TAX MAPS 90,91,102,103,104,105

GENERAL NOTES

1. THE TYPE, DIMENSIONS, MOUNTING HARDWARE, AND PROJECT OWNER'S EQUIPMENT ARE SHOWN IN ILLUSTRATIVE FASHION. THESE DRAWINGS ARE NOT INTENDED FOR CONSTRUCTION. ACTUAL HARDWARE DETAILS AND FINAL LOCATIONS MAY DIFFER SLIGHTLY FROM WHAT IS SHOWN.
2. THE PROJECT OWNER'S PCS FACILITY IS AN UNMANNED PRIVATE AND SECURED EQUIPMENT INSTALLATION. IT IS ONLY ACCESSED BY TRAINED TECHNICIANS FOR PERIODIC ROUTINE MAINTENANCE AND THEREFORE DOES NOT REQUIRE ANY WATER OR SANITARY SEWER SERVICE. THE FACILITY IS NOT GOVERNED BY REGULATIONS REQUIRING PUBLIC ACCESS PER ADA REQUIREMENTS.
3. THE PROJECT OWNER'S BASE TRANSMISSION STATION (BTS) CABINET IS A WEATHER RESISTANCE, VANDAL RESISTANT STEEL CABINET CONTAINING RECTIFIERS, AMPLIFIERS, RADIOS, AND OTHER INTEGRATED ELECTRONIC CONTROL EQUIPMENT. THE BTS IS ENVIRONMENTALLY CONTROLLED BY A SELF-CONTAINED AC POWERED HEATING AND COOLING SYSTEM USING CFC-FREE THERMAL TRANSFER COMPOUNDS. MANUFACTURER'S SPECIFICATIONS INDICATE THAT AT FULL LOAD CONDITIONS, MAXIMUM ACOUSTICAL NOISE LEVELS ARE 50 DB(A) AT A DISTANCE OF 13 FEET AND 40 DB(A) AT A DISTANCE OF 48 FEET. BATTERY BACKUP FOR EMERGENCY STANDBY POWER IS CONTAINED WITHIN EACH SEALED BTS CABINET AND CONSISTS OF EIGHT 12-VOLT, CLOSED-CELL DC BATTERIES PLUS A SEPARATE BATTERY BACKUP UNIT WITH SIXTEEN BATTERIES (SITE TOTAL OF 40 BATTERIES). BATTERIES ARE LEAD-ACID RECHARGEABLE STANDBY INDUSTRIAL POWER CELLS MANUFACTURED TO MEET ENVIRONMENTAL QUALITY AND DURABILITY STANDARDS OF THE INTERNATIONAL AIR TRANSPORT ASSOCIATION (IATA). THE BATTERY CHARGING SYSTEM IS COMPUTER-CONTROLLED AND THE EQUIPMENT CABINET IS REMOTELY MONITORED AT PROJECT OWNER'S NETWORK OPERATIONS CONTROL CENTER 24-HOURS A DAY, 7 DAYS A WEEK FOR FAULTS AND ALARMS.
4. THE DESIGN OF THE ANTENNA MOUNTING HARDWARE AND STRUCTURAL REINFORCEMENT OF EXISTING BUILDING ROOF/FLOOR (IF NECESSARY) TO SUPPORT THE BTS EQUIPMENT CABINETS WILL MEET THE ANSI/EIA/TIA-222G STANDARDS FOR STRUCTURAL STEEL ANTENNA SUPPORTING STRUCTURES AND STATE BUILDING CODE REQUIREMENTS. DETAILS CONSTRUCTION DRAWINGS AND STRUCTURAL CALCULATIONS WILL BE PREPARED BY A REGISTERED PROFESSIONAL ENGINEER AND SUBMITTED WITH A BUILDING PERMIT APPLICATION FOR REVIEW AND APPROVAL BY THE LOCAL BUILDING CODE ENFORCEMENT OFFICIAL.
5. ONCE THE FACILITY BECOMES FULLY OPERATIONAL, NORMAL AND ROUTINE MAINTENANCE BY PROJECT OWNER'S TECHNICIANS WILL BE PERFORMED ON A MONTHLY BASIS. THEREFORE, THE ESTIMATED VEHICLE TRIP GENERATION RATE IS 2 TRIPS PER MONTH. THE AVERAGE DAILY TRIP GENERATION RATE (ADT) IS .007.
6. PAINT ANTENNAS & MOUNTING HARDWARE TO MATCH EXISTING BUILDING.
7. PER FCC MANDATE, ENHANCED EMERGENCY (E911) SERVICE IS REQUIRED TO MEET NATIONWIDE STANDARDS FOR WIRELESS COMMUNICATIONS SYSTEMS. PROJECT OWNER IMPLEMENTATION REQUIRES DEPLOYMENT OF EQUIPMENT AND ANTENNAS GENERALLY DEPICTED ON THIS PLAN, ATTACHED TO OR MOUNTED IN CLOSE PROXIMITY TO THE BTS RADIO CABINETS. PROJECT OWNER RESERVES THE RIGHT TO MAKE REASONABLE MODIFICATIONS TO E911 EQUIPMENT AND LOCATION AS TECHNOLOGY EVOLVES TO MEET MANDATED ACCURACY SPECIFICATIONS.
8. ALL MEASUREMENTS ARE SHOWN IN FEET ± UNLESS OTHERWISE NOTED.
9. PLOT PLAN MEASUREMENTS ARE APPROXIMATE AND BASED ON SCALED ASSESSORS MAPS AND OTHER AVAILABLE INFORMATION.
10. ALL SETBACKS SHOWN FROM PROPOSED EQUIPMENT TO PROPERTY LINES ARE APPROXIMATE AND SHOULD BE USED FOR REFERENCE ONLY.

ZONING INFORMATION

DIMENSION REQUIREMENTS:	REQUIRED	PROPOSED±
ANTENNAS SETBACKS:		
FRONT YARD SETBACK:	15'	44'±
SIDE YARD SETBACK:	20'	42'±
REAR YARD SETBACK:	20'	31'±
MAXIMUM ZONING HEIGHT:	40'	57'-6"±

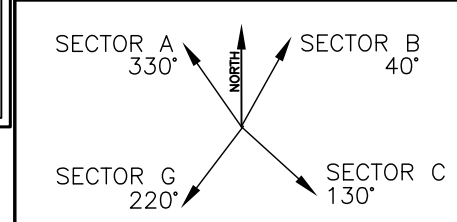
\* DIMENSIONS MEASURED FROM EDGE OF PROPOSED EQUIPMENT PERPENDICULAR TO NEAREST LOT LINE.

APPLICANT: T-MOBILE NORTHEAST LLC  
15 COMMERCE WAY, SUITE B  
NORTON, MA 02766  
  
OWNER: HOUSE AUTHORITY  
75 MYRTLE STREET  
SOMERVILLE, MA 02145  
  
LOT SIZE: 49,000 SQ. FT.  
  
LOT NUMBER: MAP 9, BLOCK F, LOT 4  
  
ZONING DISTRICT: (RC) RESIDENCE C  
  
JURISDICTION: CITY OF SOMERVILLE, MA  
  
TAX ID: 91-F-4

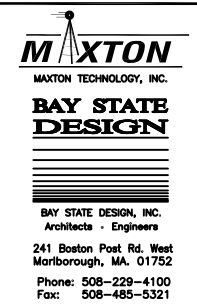
LEGEND

- PROPERTY LINE - SUBJECT PARCEL
- PROPERTY LINE - ABUTTERS
- - - ZONING DISTRICT BOUNDARY LINE
- [Hatched Box] EXISTING BUILDINGS
- [Box with 91-F-4] ASSESSORS PARCEL I.D. NO.

ANTENNA ORIENTATION KEY



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15 COMMERCE WAY  
NORTON, MA 02766  
  
OFFICE: (508) 286-2700  
FAX: (508) 286-2893



APPROVALS

LANDLORD \_\_\_\_\_  
LEASING \_\_\_\_\_  
R.F. \_\_\_\_\_  
ZONING \_\_\_\_\_  
CONSTRUCTION \_\_\_\_\_  
A/E \_\_\_\_\_

ENGINEER \_\_\_\_\_

PROJECT NO: 2912.147

DRAWN BY: DR

CHECKED BY: K.B.

SUBMITTALS

REV 2	11-15-10	REDESIGN PER ZONING
REV 1	10-26-10	REDESIGN PER LL
REV 0	7-14-10	ZONING FINAL
REV A	6-30-10	ZONING

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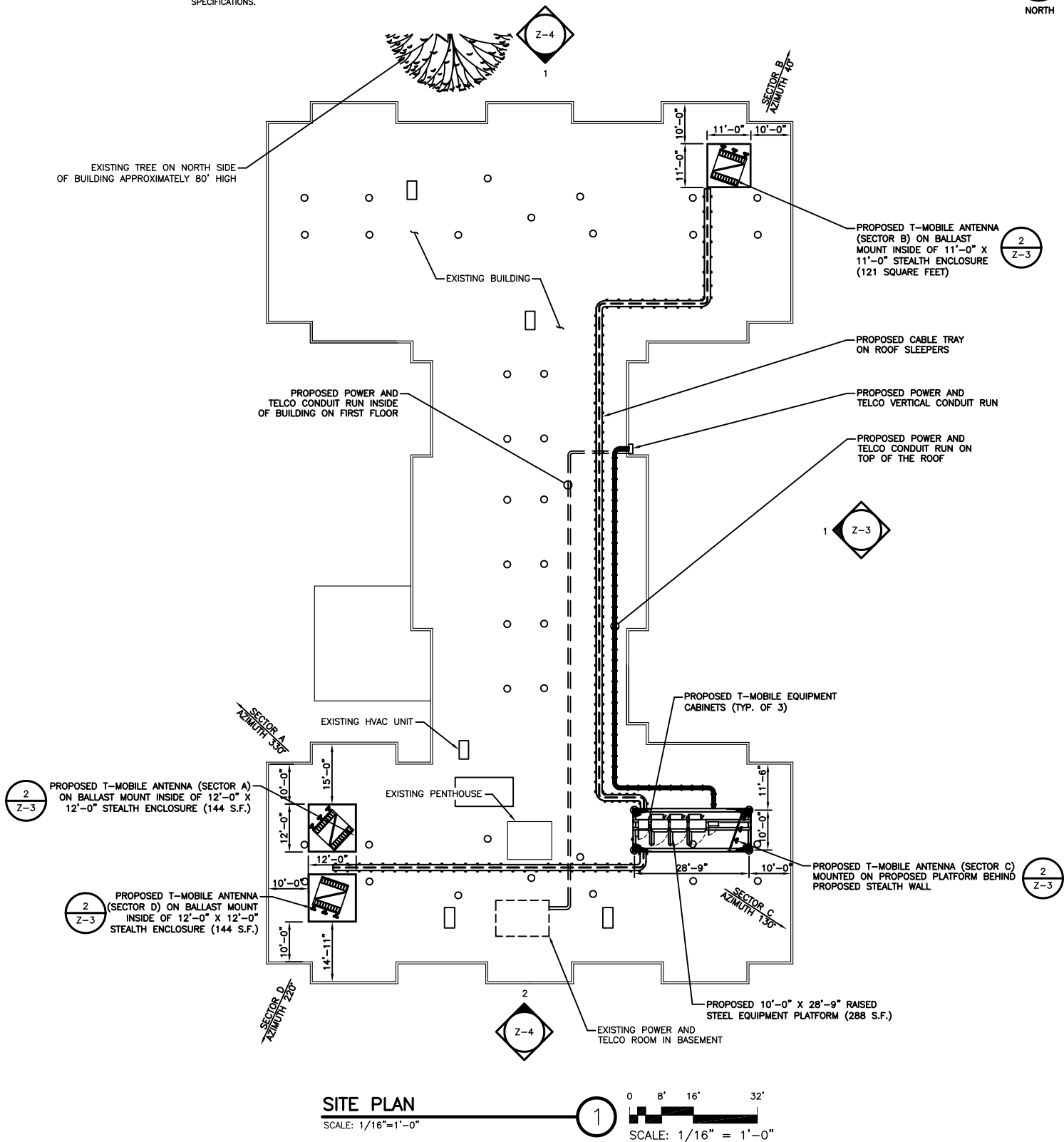
SHEET TITLE  
300' RADIUS MAP

SHEET NUMBER  
C-1

NOTES

1. ALL DIMENSIONS SHOWN THUS (...±) ARE APPROXIMATE. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS WHICH EFFECT THE CONTRACTORS WORK. CONTRACTOR TO VERIFY ALL DIMENSIONS WITH OWNER PRIOR TO CONSTRUCTION.
2. NORTH ARROW SHOWN ON PLANS REFERS TO TRUE NORTH. CONTRACTOR SHALL VERIFY TRUE NORTH AND INFORM CONSTRUCTION MANAGER OF ANY DISCREPANCIES BEFORE STARTING CONSTRUCTION.
3. THE CONTRACTOR AND OR HIS SUB CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL PERMITS AND INSPECTIONS WHICH MAY BE REQUIRED FOR THE WORK BY THE ARCHITECT/ENGINEER, THE STATE, COUNTY, OR LOCAL GOVERNMENT AUTHORITY.
4. ANTENNA INSTALLATION SHALL BE CONDUCTED BY FIELD CREWS EXPERIENCED IN THE ASSEMBLY AND ERECTION OF RADIO ANTENNAS, TRANSMISSION LINES AND SUPPORT STRUCTURES.
5. COORDINATION, LAYOUT, AND FURNISHING OF CONDUIT, CABLE AND ALL APPURTENANCES REQUIRED FOR PROPER INSTALLATION OF ELECTRICAL AND TELECOMMUNICATION SERVICE SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
6. EQUIPMENT WILL BE INDEPENDENTLY POWERED WITH SEPARATE METER.

7. ALL (E) ACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES WHERE ENCOUNTERED IN THE WORK, SHALL BE PROTECTED AT ALL TIMES, AND WHERE REQUIRED FOR THE PROPER EXECUTION OF THE WORK, SHALL BE RELOCATED AS DIRECTED BY ENGINEERS. EXTREME CAUTION SHOULD BE USED BY THE CONTRACTOR WHEN EXCAVATING OR PIER DRILLING AROUND OR NEAR UTILITIES. CONTRACTOR SHALL PROVIDE SAFETY TRAINING FOR THEIR WORKING CREW.
8. ALL (E) INACTIVE SEWER, WATER, GAS, ELECTRIC, AND OTHER UTILITIES WHICH INTERFERE WITH THE EXECUTION OF THE WORK, SHALL BE REMOVED AND/OR CAPPED, PLUGGED OR OTHERWISE DISCONTINUED AT POINTS WHICH WILL NOT INTERFERE WITH THE EXECUTION OF THE WORK, SUBJECT TO THE APPROVAL OF UTILITY COMPANY ENGINEERING.
9. THE AREAS OF THE PROPERTY DISTURBED BY THE WORK AND NOT COVERED BY THE EQUIPMENT, DRIVEWAY OR GRAVEL, SHALL BE GRADED TO A UNIFORM SLOPE, FERTILIZED, SEEDED AND COVERED WITH MULCH.
10. THE CONTRACTOR SHALL ESTABLISH AND MAINTAIN SOIL EROSION AND SEDIMENTATION CONTROLS AT ALL TIMES DURING CONSTRUCTION.
11. ALL UTILITY WORK SHALL BE IN ACCORDANCE WITH LOCAL UTILITY COMPANY REQUIREMENTS AND SPECIFICATIONS.
12. PER FCC MANDATE, ENHANCED EMERGENCY (E911) SERVICE IS REQUIRED TO MEET NATIONWIDE STANDARDS FOR WIRELESS COMMUNICATIONS SYSTEMS. PROJECT OWNER IMPLEMENTATION REQUIRES DEPLOYMENT OF EQUIPMENT AND ANTENNAS GENERALLY DEPICTED ON THIS PLAN, ATTACHED TO OR MOUNTED IN CLOSE PROXIMITY TO THE BTS RADIO CABINETS. PROJECT OWNER RESERVES THE RIGHT TO MAKE REASONABLE MODIFICATIONS TO E911 EQUIPMENT AND LOCATION AS TECHNOLOGY EVOLVES TO MEET REQUIRED SPECIFICATIONS.



ABBREVIATIONS

ADJ	ADJUSTABLE	NTS	NOT TO SCALE
APPROX	APPROXIMATE	OC	ON CENTER
BTS	BASE TRANSMISSION STATION	OPP	OPPOSITE
C	CONDUIT	(P)	PROPOSED
CMU	CONCRETE MASONRY UNIT	SF	SQUARE FOOT
CONC	CONCRETE	SHT	SHEET
CONT	CONTINUOUS	SIM	SIMILAR
CJ	CONSTRUCTION JOINT	STL	STEEL
DIA	DIAMETER	TOC	TOP OF CONCRETE
DWG	DRAWING	TOM	TOP OF MASONRY
EGB	EQUIPMENT GROUND BAR	TYP	TYPICAL
EA	EACH	VIF	VERIFY IN FIELD
ELEC	ELECTRICAL	UON	UNLESS OTHERWISE NOTED
EL	ELEVATION	WWF	WELDED WIRE FABRIC
EQ	EQUAL	W/	WITH
EQUIP	EQUIPMENT	PCS	PERSONAL COMMUNICATIONS SERVICES
(E)	EXISTING	A-1	ANTENNA MARK NO.
EXT	EXTERIOR		
FF	FINISHED FLOOR		
FG	FINISHED GRADE		
GA	GAUGE	PL	PLATE
GALV	GALVANIZED	&	AND
GC	GENERAL CONTRACTOR	@	AT
GWB	GYPSON WALLBOARD		
LG	LONG		
LNA	LOW NOISE AMPLIFIER		
MAX	MAXIMUM		
MECH	MECHANICAL		
MFR	MANUFACTURER		
MGB	MASTER GROUND BAR		
MIN	MINIMUM		
MTL	METAL		
NIC	NOT IN CONTRACT		

SYMBOLS AND MATERIALS

	NEW ANTENNA		GROUT OR PLASTER
	EXISTING ANTENNAS		GWB
	ASPHALT		(E)CONSTRUCTION
	NEW ACCESS EASEMENT		CONCRETE
	CONCRETE		EARTH
	ELECTRIC BOX		GRAVEL
	LIGHT POLE		PLYWOOD
	FND. MONUMENT		SAND
	SPOT ELEVATION		WOOD CONT.
	SET POINT		WOOD BLOCKING
	REVISION		STEEL
	GRID REFERENCE		CENTER LINE
	DETAIL REFERENCE		PROPERTY LINE
	D ELEVATION		STEPPED FOOTING
	SECTIONS & DETAILS		MATCH LINE
	WORK ITEM NOTE		WORK POINT
			GROUND WIRE
			COAXIAL CABLE
			CHAIN LINK FENCE
			WATER MAIN

- NOTES:
1. CONTRACTOR TO IMMEDIATELY NOTIFY THE ENGINEER OF ANY DISCREPANCIES BETWEEN THE EXISTING SITE CONDITIONS AND THAT WHICH IS REPRESENTED HERE.
2. PROPOSED DESIGN IS SUBJECT TO ANY RELEVANT STRUCTURAL INFORMATION THAT MAY BE REVEALED UPON EXPOSURE OF EXISTING MEMBERS. ENGINEER TO BE PRESENT DURING THIS PHASE OF CONSTRUCTION.
3. PROPOSED ANTENNAS TO BE PAINTED TO MATCH BUILDINGS COLOR

T-MOBILE NORTHEAST LLC  
15 COMMERCE WAY  
NORTON, MA 02766  
OFFICE: (508) 286-2700  
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ENGINEER

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SHEET TITLE

SITE PLAN

SHEET NUMBER

Z-1

NOTES:  
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2. PROPOSED DESIGN IS SUBJECT TO ANY RELEVANT STRUCTURAL INFORMATION THAT MAY BE REVEALED UPON EXPOSURE OF EXISTING MEMBERS. ENGINEER TO BE PRESENT DURING THIS PHASE OF CONSTRUCTION.

## SYMBOLS AND MATERIALS

	NEW ANTENNA		REVISION
	EXISTING ANTENNAS		GRID REFERENCE
	ASPHALT		DETAIL REFERENCE
	NEW ACCESS EASEMENT		D ELEVATION
	CONCRETE		SECTIONS & DETAILS
	ELECTRIC BOX		WORK ITEM NOTE
	LIGHT POLE		
	FND. MONUMENT		
	SPOT ELEVATION		
	SET POINT		

	GROUT OR PLASTER		STEEL
	GWB		CENTER LINE
	(E) CONSTRUCTION		PROPERTY LINE
	CONCRETE		STEPPED FOOTING
	EARTH		MATCH LINE
	GRAVEL		WORK POINT
	PLYWOOD		GROUND WIRE
	SAND		COAXIAL CABLE
	WOOD CONT.		CHAIN LINK FENCE
	WOOD BLOCKING		WATER MAIN

## ABBREVIATIONS

ADJ	ADJUSTABLE	FF	FINISHED FLOOR	(P)	PROPOSED
APPROX	APPROXIMATE	FG	FINISHED GRADE	SF	SQUARE FOOT
BTS	BASE TRANSMISSION STATION	GA	GAUGE	SHT	SHEET
C	CONDUIT	GALV	GALVANIZED	SIM	SIMILAR
CMU	CONCRETE MASONRY UNIT	GC	GENERAL CONTRACTOR	STL	STEEL
CONC	CONCRETE	GWB	GYPSUM WALLBOARD	TOC	TOP OF CONCRETE
CONT	CONTINUOUS	LG	LONG	TOM	TOP OF MASONRY
CJ	CONSTRUCTION JOINT	LNA	LOW NOISE AMPLIFIER	TYP	TYPICAL
DIA	DIAMETER	MAX	MAXIMUM	VIF	VERIFY IN FIELD
DWG	DRAWING	MECH	MECHANICAL	UON	UNLESS OTHERWISE NOTED
EGB	EQUIPMENT GROUND BAR	MFR	MANUFACTURER	WWF	WELDED WIRE FABRIC
EA	EACH	MGB	MASTER GROUND BAR	W/	WITH
ELEC	ELECTRICAL	MIN	MINIMUM	PCS	PERSONAL COMMUNICATIONS SERVICES
EL	ELEVATION	MTL	METAL	A-1	ANTENNA MARK NO.
EQ	EQUAL	NIC	NOT IN CONTRACT	PL	PLATE
EQUIP	EQUIPMENT	NTS	NOT TO SCALE	&	AND
(E)	EXISTING	OC	ON CENTER	@	AT
EXT	EXTERIOR	OPP	OPPOSITE		

T-MOBILE NORTHEAST LLC  
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## APPROVALS

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ZONING \_\_\_\_\_  
CONSTRUCTION \_\_\_\_\_  
A/E \_\_\_\_\_

ENGINEER

PROJECT NO: 2912.147

DRAWN BY: DR

CHECKED BY: K.B.

## SUBMITTALS

REV 2	11-15-10	REDESIGN PER ZONING
REV 1	10-26-10	REDESIGN PER LL
REV 0	7-14-10	ZONING FINAL
REV A	6-30-10	ZONING

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SITE

4BS0101-D  
SOMERVILLE BRYANT  
MANOR-RFP  
75 MYRTLE STREET  
SOMERVILLE, MA 02145

SHEET TITLE

PARTIAL ROOFTOP  
PLAN

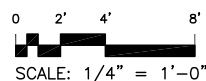
SHEET NUMBER

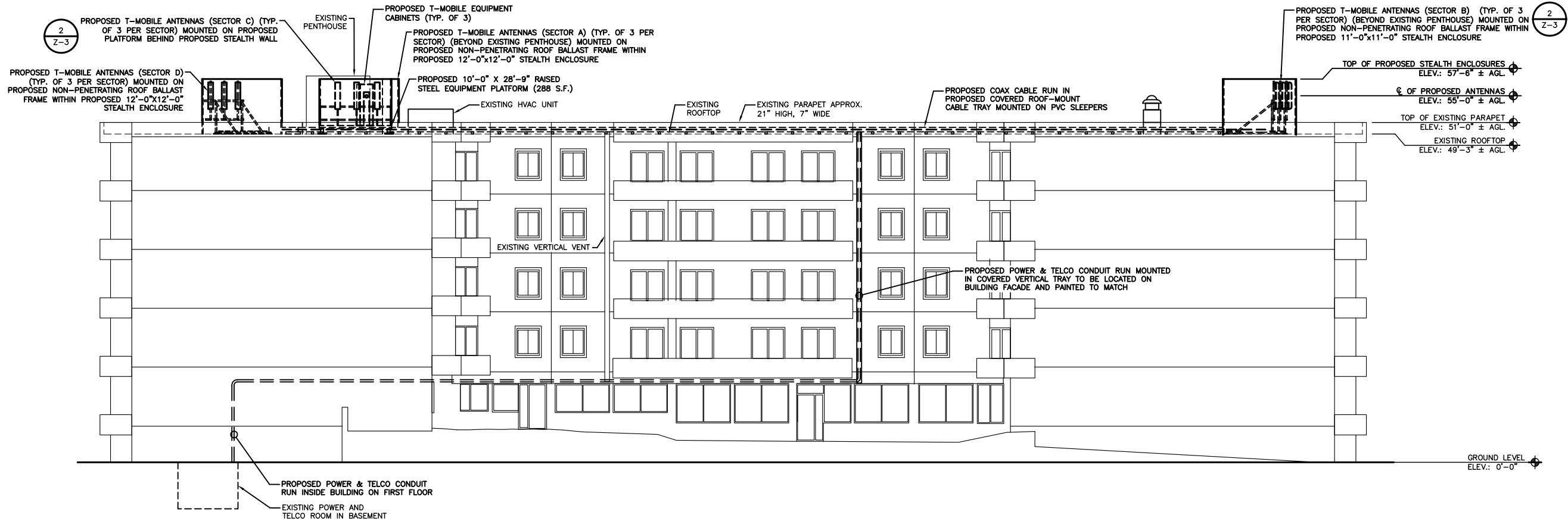
Z-2

## PARTIAL ROOFTOP PLAN

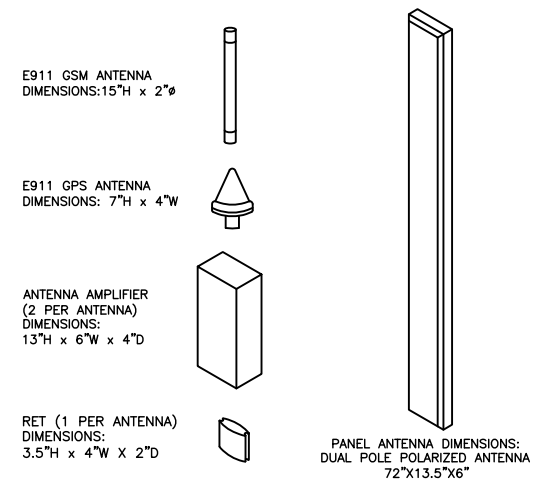
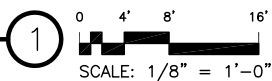
SCALE: 1/4"=1'-0"

1



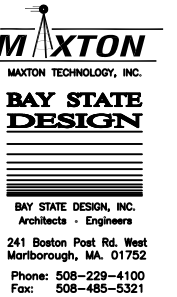


**SOUTHEAST ELEVATION**  
SCALE: 1/8"=1'-0"



**GENERAL ANTENNA DIMENSIONS**  
SCALE: N.T.S.

T-MOBILE NORTHEAST LLC  
15 COMMERCE WAY  
NORTON, MA 02766  
OFFICE: (508) 286-2700  
FAX: (508) 286-2893



**APPROVALS**

LANDLORD \_\_\_\_\_  
LEASING \_\_\_\_\_  
R.F. \_\_\_\_\_  
ZONING \_\_\_\_\_  
CONSTRUCTION \_\_\_\_\_  
A/E \_\_\_\_\_

ENGINEER

PROJECT NO: 2912.147

DRAWN BY: DR

CHECKED BY: K.B.

**SUBMITTALS**

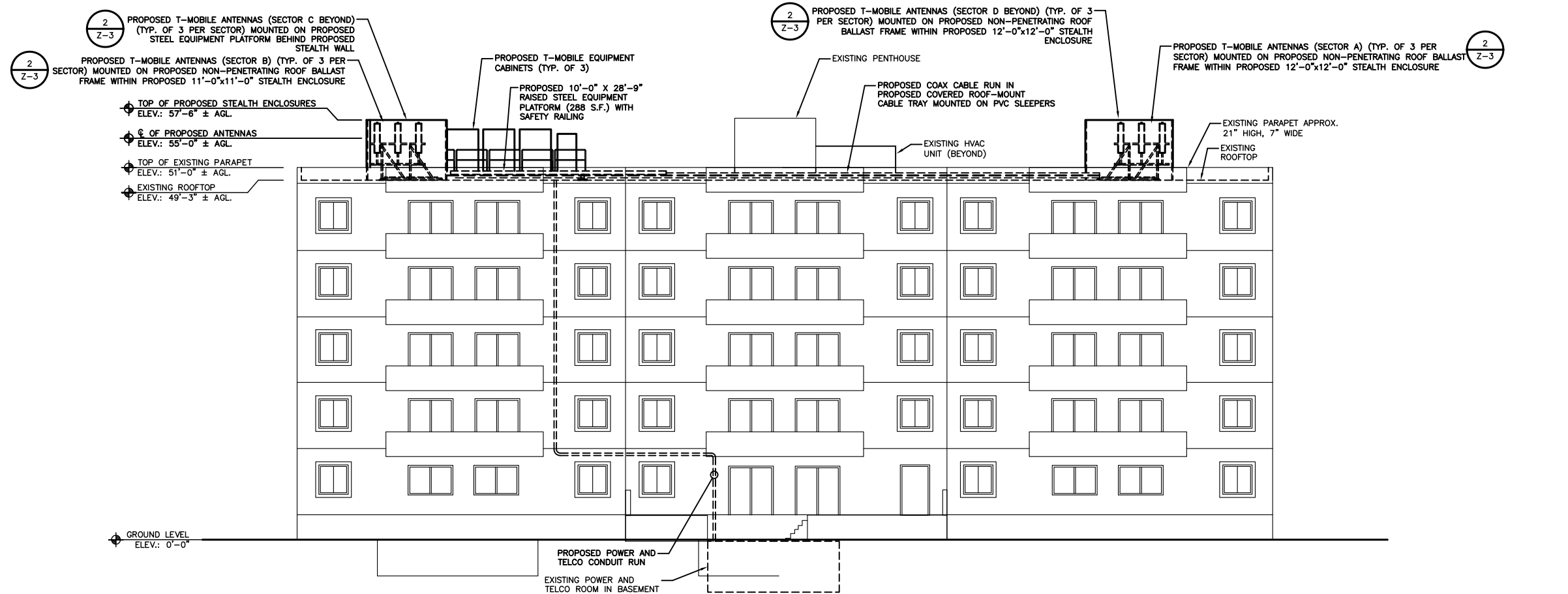
REV 2	11-15-10	REDESIGN PER ZONING
REV 1	10-26-10	REDESIGN PER LL
REV 0	7-14-10	ZONING FINAL
REV A	6-30-10	ZONING

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SITE  
4BS0101-D  
SOMERVILLE BRYANT MANOR-RFP  
75 MYRTLE STREET  
SOMERVILLE, MA 02145

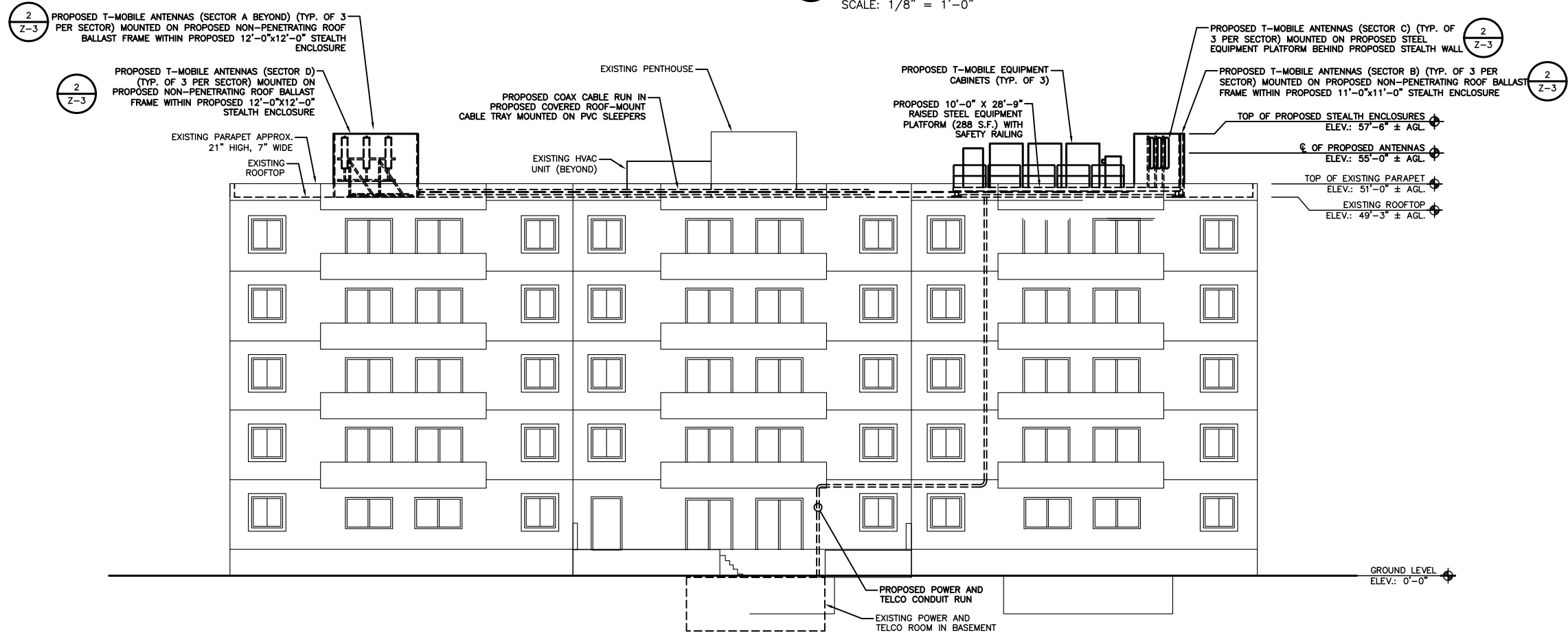
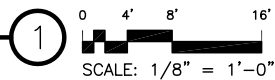
SHEET TITLE  
ELEVATION & DETAILS

SHEET NUMBER  
Z-3



NORTHEAST ELEVATION

SCALE: 1/8"=1'-0"



SOUTHWEST ELEVATION

SCALE: 1/8"=1'-0"



T-MOBILE NORTHEAST LLC

15 COMMERCE WAY  
NORTON, MA 02766

OFFICE: (508) 286-2700  
FAX: (508) 286-2893

**MAXTON**  
MAXTON TECHNOLOGY, INC.

**BAY STATE  
DESIGN**

BAY STATE DESIGN, INC.  
Architects • Engineers

241 Boston Post Rd. West  
Marlborough, MA. 01752  
Phone: 508-229-4100  
Fax: 508-485-5321

APPROVALS

LANDLORD \_\_\_\_\_  
LEASING \_\_\_\_\_  
R.F. \_\_\_\_\_  
ZONING \_\_\_\_\_  
CONSTRUCTION \_\_\_\_\_  
A/E \_\_\_\_\_

ENGINEER

PROJECT NO: 2912.147

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SUBMITTALS

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SOMERVILLE BRYANT  
MANOR-RFP  
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SOMERVILLE, MA 02145

SHEET TITLE

ELEVATION

SHEET NUMBER

Z-4