

**PROJECT SUMMARY**

**SITE NAME:** ACTON 2  
**SITE I.O.:** MA11845-S  
**SITE ADDRESS:** 5 CRAIG ROAD  
 ACTON, MA 01720  
**JURISDICTION:** TOWN OF ACTON  
**COUNTY:** MIDDLESEX  
**ZONING:** LIGHT INDUSTRIAL, LI  
**PROPERTY OWNER:** PALMER REALTY TRUST  
**PHONE:** CRAIG D. PALMER  
 800-442-6683  
**APPLICANT:** SBA TOWERS II, LLC.  
 5900 BROKEN SOUND PARKWAY NW  
 BOCA RATON, FL 33487-2797  
 OFFICE: 561-226-9523  
 FAX: 561-226-3572  
**PETER LAMONTAGNE** OFFICE: 508-341-7854  
**MARCEL PESSOA** OFFICE: 561-226-9211  
**SITE COORDINATES**  
 LATITUDE: N 42° 28' 02.7" NAD 83  
 LONGITUDE: W 71° 25' 07.8" NAD 83  
 GROUND ELEVATION: 141.9 AMSL NAVD 88  
**OCCUPANCY TYPE:** RAW LAND  
**CONSTRUCTION TYPE:** PROPOSED 170' MONOPOLE

**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:**  
 TOWER ENGINEERING PROFESSIONALS  
 3703 JUNCTION BOULEVARD, RALEIGH, NC 27603  
 CONTACT: PETER G. JERNIGAN, P.E.  
 PHONE: (919) 661-6351 FAX: (919) 661-6350  
**SURVEYING FIRM:**  
 CME ASSOCIATES, INC  
 50 ELM STREET, SOUTHBRIDGE, MA 01550  
 CONTACT: TIM GOSSELIN  
 PHONE: 1-860-928-7848 FAX: 1-860-928-7848  
**POWER COMPANY:**  
 NSTAR  
 CONTACT: CUSTOMER SERVICE  
 PHONE: 800-592-2000  
**TELEPHONE COMPANY:**  
 VERIZON  
 CONTACT: CUSTOMER SERVICE  
 PHONE: 800-837-4966  
 PHONE# NEAR SITE: 800-837-4966  
**ELECTRICAL ENGINEER:**  
 TOWER ENGINEERING PROFESSIONALS  
 3703 JUNCTION BOULEVARD, RALEIGH, NC 27603  
 CONTACT: J. RUSSELL HILL, P.E.  
 PHONE: (919) 661-6351 FAX: (919) 661-6350

**SBA**



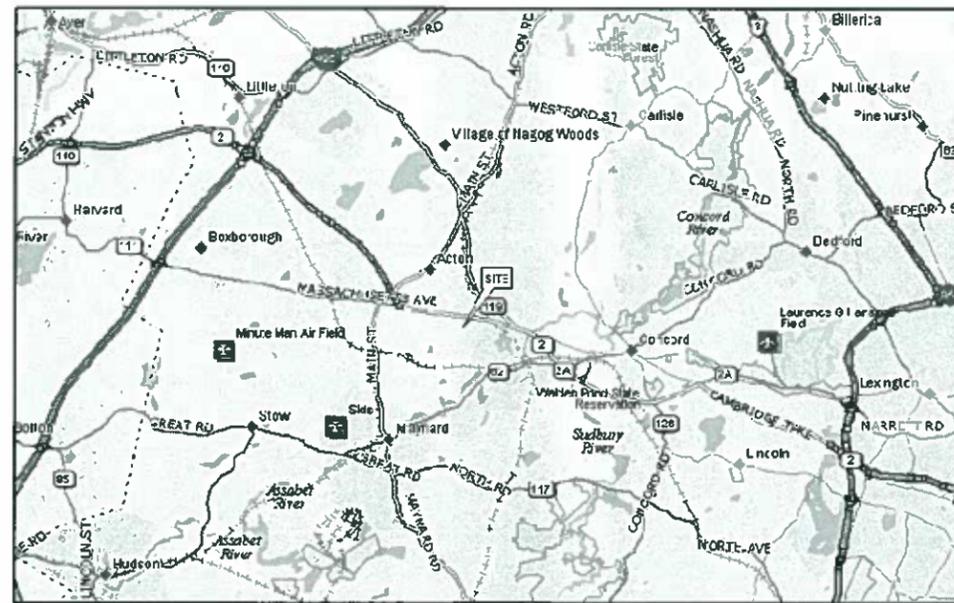
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**SITE I.O.**  
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**E-911 ADDRESS**  
 5 CRAIG ROAD  
 ACTON, MA 01720

**PROJECT TYPE**  
 PROPOSED 170' MONOPOLE

**VICINITY MAP**



**DRIVING DIRECTIONS**

**FROM LOCAL CITY OR NEAREST MAJOR HIGHWAY INTERSECTION:**  
 FROM BOSTON, MA: TAKE I-90 W ABOUT 10 MILES TO EXIT 15. MERGE ONTO I-95 N AND GO 6.2 MILES. TO EXIT 298. MERGE ONTO MA-2 W AND GO 4 MILES. TURN LEFT ONTO MA-2 W/CONCORD TURNPIKE AND GO 4.5 MILES. ENTER NEXT ROUNDABOUT AND TAKE 3RD EXIT ONTO MA-2 W. GO 2.3 MILES AND TURN LEFT ONTO MA-2 E. GO 1.4 MILES AND TURN SLIGHT RIGHT ONTO SCHOOL ST. TURN RIGHT ONTO CRAIG RD. ENO AT SITE.



1 (888) 344-7233

www.digsafe.com

CONTRACTOR TO CALL MASSACHUSETTS  
 DIG SAFE AT LEAST (2) WORKING DAYS  
 PRIOR TO DIGGING.

**SHEET INDEX**

NO.	DESCRIPTION
T-1	TITLE SHEET
N-1	ZONING INFORMATION
C-1	LOCUS PLAN
C-1A	SITE PLAN
C-1B	SITE LAYOUT
C-1C	PROPERTY OWNERS
C-2	ENLARGED SITE PLAN
C-3	SITE ELEVATIONS
C-4	FENCE DETAILS
C-5	SOIL AND EROSION CONTROL PLAN
C-6	LANDSCAPING DETAILS
C-7	DRIVEWAY DETAILS

**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 THE MASS. STATE BUILDING CODE, 7TH EDITION.

LICENSED ENGINEER - STATE OF MASSACHUSETTS



January 21, 2009

**APPROVALS**

LANDLORD	DATE
PROPERTY	DATE
CONSTRUCTION	DATE
FSM	DATE
TENANT	DATE
TENANT	DATE
ZONING	DATE



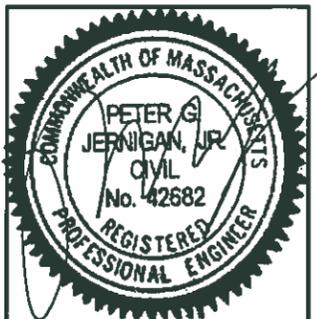
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 (MIDDLESEX COUNTY)

**SHEET NAME**

TITLE SHEET

**SHEET NUMBER**

T-1

**NOTES:**

1. THE USE OF FILL CONTAINING HAZARDOUS MATERIALS IS FORBIDDEN.
2. THE CONTRACTOR SHALL MARK THE LIMITS OF WORK PRIOR TO THE START OF CONSTRUCTION OR SITE CLEARING.
3. THE CLEANING OF CATCHBASIN SUMPS AND STORMWATER BASINS FOLLOWING CONSTRUCTION AND THEREAFTER IS REQUIRED BY THE SITE OWNER.
4. THE HAULING OF EARTH TO AND FROM THE SITE IS NOT PERMITTED BETWEEN THE HOURS OF 9AM AND 4PM, MONDAY THROUGH FRIDAY, IF EARTH MATERIALS ARE INTENDED TO BE REMOVED FROM OR BROUGHT TO THE SITE.
5. EXISTING DRIVEWAY CONDITIONS SHALL BE IMPROVED AS NEEDED. FOR DETAILS SEE SHEET C-7.
6. ALL STRUCTURES ASSOCIATED WITH THE WIRELESS COMMUNICATION FACILITIES SHALL BE REMOVED WITHIN ONE YEAR OF CONCESSION OF USE (BYLAW SECTION 3.10.4.2)
7. THE TYPE, DIMENSIONS, MOUNTING HARDWARE, AND POSITIONS OF ALL 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.
8. 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 (ADJ) IS 0.07.
9. PERMANENT STANDBY EMERGENCY POWER WILL NOT BE UTILIZED BY PROJECT OWNER'S. IF NECESSARY, DURING AN EXTENDED POWER OUTAGE, A PORTABLE EMERGENCY GENERATOR WILL BE USED TO PROVIDE TEMPORARY EMERGENCY BACKUP POWER. THERE IS NO ON-SITE BULK STORAGE OF FLAMMABLE OR COMBUSTIBLE FUELS FOR OPERATING AN EMERGENCY GENERATOR FOR THE PROJECT OWNER'S EQUIPMENT.

**ZONING INFORMATION**

ZONING DISTRICT TYPE: LI, LIGHT INDUSTRIAL (INDUSTRIAL DISTRICT)  
 GROUNDWATER PROTECTION DISTRICT: ZONE 2  
 PROPERTY ID H4-45 AND H4-13 ARE TO BE COMBINED. DATA IN TABLE BELOW IS BASED ON COMBINED PROPERTY  
 PROPOSED USE: WIRELESS COMMUNICATION FACILITY

ZONING REGULATION	REQUIRED		EXISTING	PROPOSED
	MINIMUM	MAXIMUM		
LOT SIZE	-	-	3.65 AC.	N/A
TOTAL LOT COVERAGE	-	-	56,150 SQ.FT	59,550 SQ.FT
% OF LAND NOT PERMITTED IN ZONING DISTRICT	-	-	0%	0%
OPEN SPACE	70%	-	81.78%	81.32%
UNDISTURBED OPEN SPACE	40%	-	54.23%	51.97%
IMPERVIOUS COVER	-	30%	68.70%	67.19%*
% WETLANDS	-	50%	0 %	0 %
% FLOOD PLAIN	-	-	0 %	0 %
DEVELOPABLE SITE AREA	-	-	92,380 SQ.FT	88,780 SQ.FT
FRONT YARD SETBACK	50 FT	-	-	106.7 FT
SIDE YARD SETBACK	30 FT	-	-	30.5 FT
REAR YARD SETBACK	30 FT	-	-	111.8 FT
SITE FRONTAGE	200 FT	-	448 FT	448 FT
BUILDING HEIGHT	-	40 FT	-	9.8 FT
FLOOR AREA RATIO	-	20%	18.22 %	18.85%
PARKING SPACES	0	-	UNKNOWN	2 ADDITIONAL

\* IMPERVIOUS COVER  
 PROPERTY IS MOSTLY GRAVEL. THE PROPOSED SITE DECREASES IMPERVIOUS AREA SINCE THE EXISTING GRAVEL IS TURNED INTO PERVIOUS LANDSCAPING.



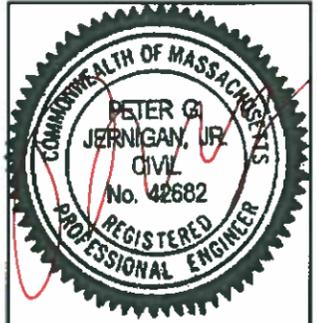
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SHEET NAME  
**ZONING INFORMATION**

SHEET NUMBER  
 N-1



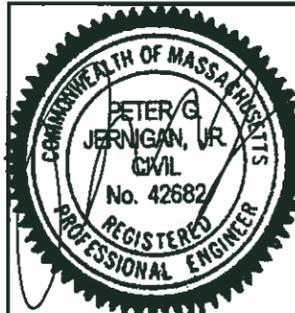
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SHEET NAME  
**LOCUS PLAN**

SHEET NUMBER  
**C-1**



1 MILE DIAMETER CIRCLE

PROPOSED TOWER FACILITY

\*USGS TOPOGRAPHIC QUAD IMAGES 205914 AND 205910



SCALE: 1"=1200'

**NOTES:**

1. THE SITE AND SURROUNDING AREA ARE LOCATED IN GROUNDWATER PROTECTION DISTRICT ZONE 2.
2. THE EXISTING LOCATION OF THE TOWER IS NOT LOCATED IN A FLOOD PLAIN (FEMA - FIRM COMMUNITY-PANEL NUMBER 2501760007C, DATED JANUARY 6, 1988).

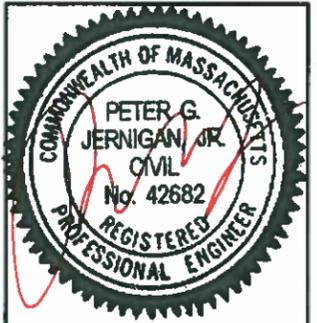


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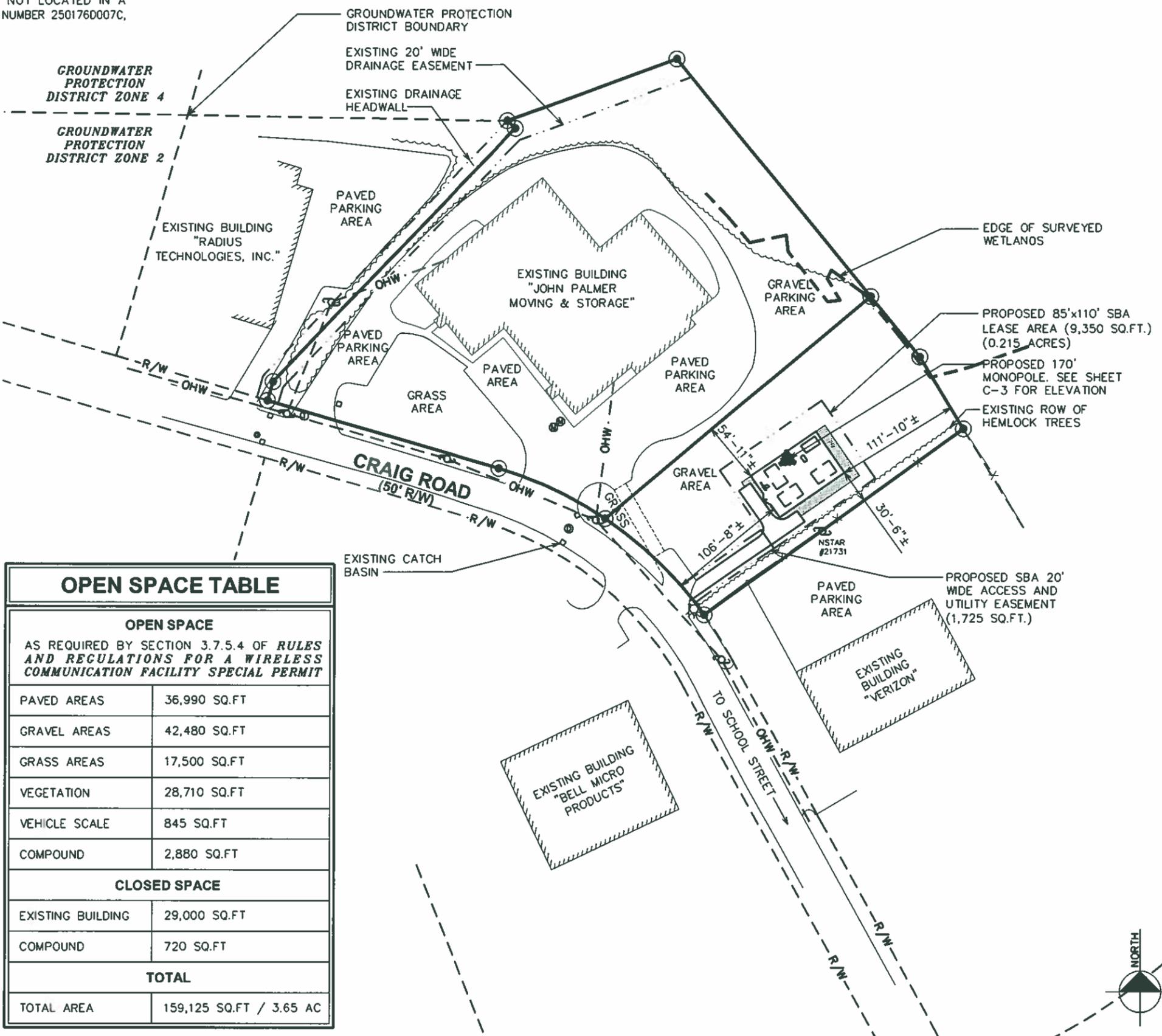
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SHEET NAME  
**SITE PLAN**

SHEET NUMBER  
**C-1A**

BUILDING SETBACKS		
	REQUIRED	PROPOSED
FRONT	50'	106'-8"±
SIDE	30'	30'-6"±
REAR	30'	111'-10"±
SITE FRONTAGE	200'	448'±

LEGEND	
	EXIST. PROPERTY LINE
	ADJ. PROPERTY LINE
	EXIST. UTILITY POLE
	EXIST. LIGHT POLE
	EXIST. HYDRANT
	EXIST. TELCO PEDESTAL
	EXIST. MANHOLE
	EXIST. TELCO MANHOLE
	PROPERTY CORNER
	LEASE/EASE. CORNER
	EXIST. CONTOUR LINE
	EDGE OF PAVEMENT
	OVERHEAD WIRE
	RIGHT-OF-WAY
	CHAIN LINK FENCE
	EXISTING TREE LINE



OPEN SPACE TABLE	
OPEN SPACE	
AS REQUIRED BY SECTION 3.7.5.4 OF RULES AND REGULATIONS FOR A WIRELESS COMMUNICATION FACILITY SPECIAL PERMIT	
PAVED AREAS	36,990 SQ.FT
GRAVEL AREAS	42,480 SQ.FT
GRASS AREAS	17,500 SQ.FT
VEGETATION	28,710 SQ.FT
VEHICLE SCALE	845 SQ.FT
COMPOUND	2,880 SQ.FT
CLOSED SPACE	
EXISTING BUILDING	29,000 SQ.FT
COMPOUND	720 SQ.FT
TOTAL	
TOTAL AREA	159,125 SQ.FT / 3.65 AC



**NOTES:**

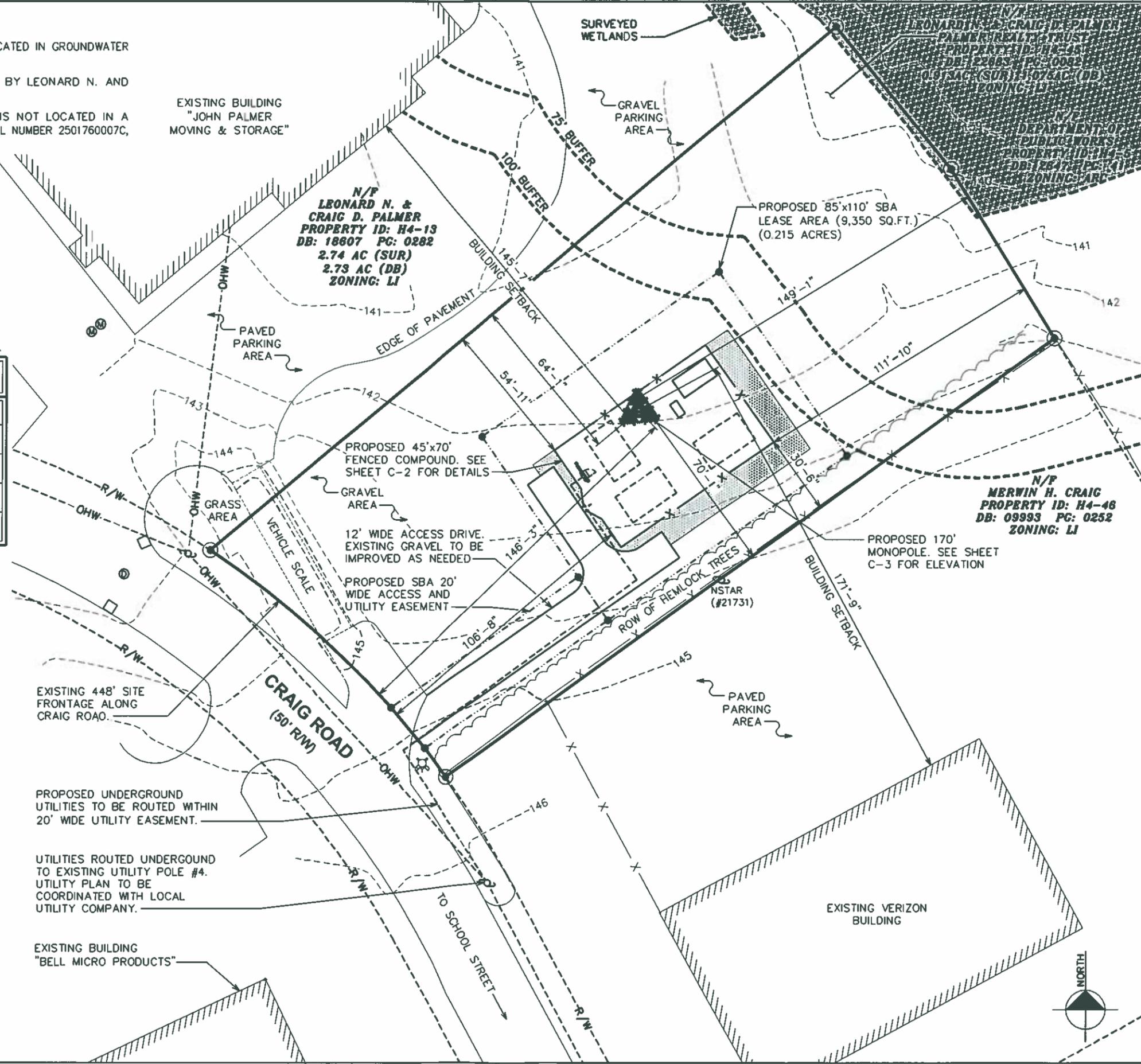
1. THE SITE AND SURROUNDING AREA ARE LOCATED IN GROUNDWATER PROTECTION DISTRICT ZONE 2.
2. PROPERTIES H4-13 AND H4-45 OWNED BY LEONARD N. AND CRAIG D. PALMER TO BE COMBINED.
3. THE EXISTING LOCATION OF THE TOWER IS NOT LOCATED IN A FLDDO PLAIN (FEMA - FIRM COMMUNITY-PANEL NUMBER 2501760007C, DATED JANUARY 6, 1988).

**BUILDING SETBACKS**

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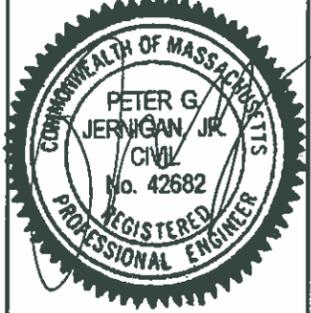


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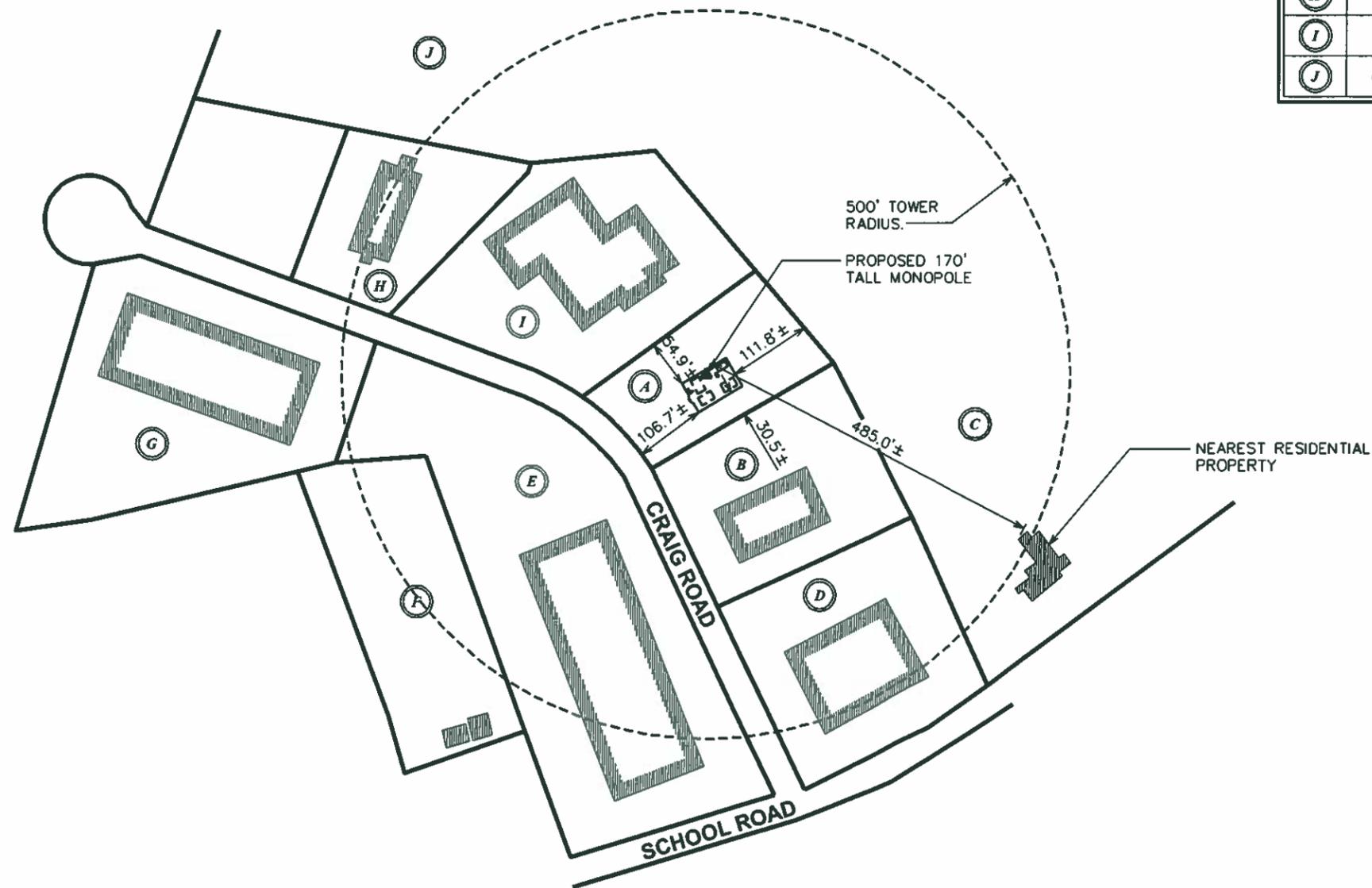
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**SITE LAYOUT**

SHEET NUMBER  
**C-1B**

**NOTE:**

THE MAP SHOWN BELOW IS BASED ON INFORMATION TAKEN FROM THE TOWN OF ACTON, MA GEOGRAPHIC INFORMATION SYSTEM.



PARCEL INFORMATION				
REF.	PROPERTY ID	N/F PROPERTY OWNER	DB - PG	ZONING DISTRICT
(A)	HD-45	LEONARD N. & CRAIG D. PALMER	22683-0082	LI
(B)	H4-46	MERWIN H. CRAIG	09993-0252	LI
(C)	H4-5	DEPARTMENT OF PUBLIC WORKS	2647-41	ARC
(D)	H4-66	STEVEN P. MURPHY TRUSTEE OF JELRICH TRUST OF 2001	49012-82	LI
(E)	H4-25	STEVEN P. MURPHY TRUSTEE OF JELRICH TRUST OF 2001	49012-82	LI
(F)	H4-55	GEORGE PAQUETTE	15173-128	R-2
(G)	H4-14	STEVEN P. MURPHY TRUSTEE OF JELRICH TRUST OF 2001	49012-82	R-1
(H)	H4-12	15 CRAIG ROAD, LLC.	36079-193	LI
(I)	H4-13	LEONARD N. & CRAIG D. PALMER	18607-0282	LI
(J)	G4-198	DEPARTMENT OF PUBLIC WORKS	-	ARC



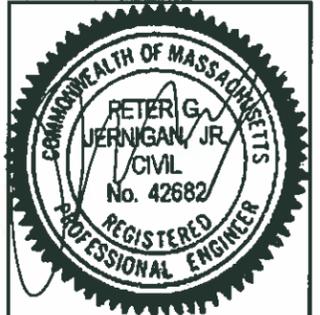
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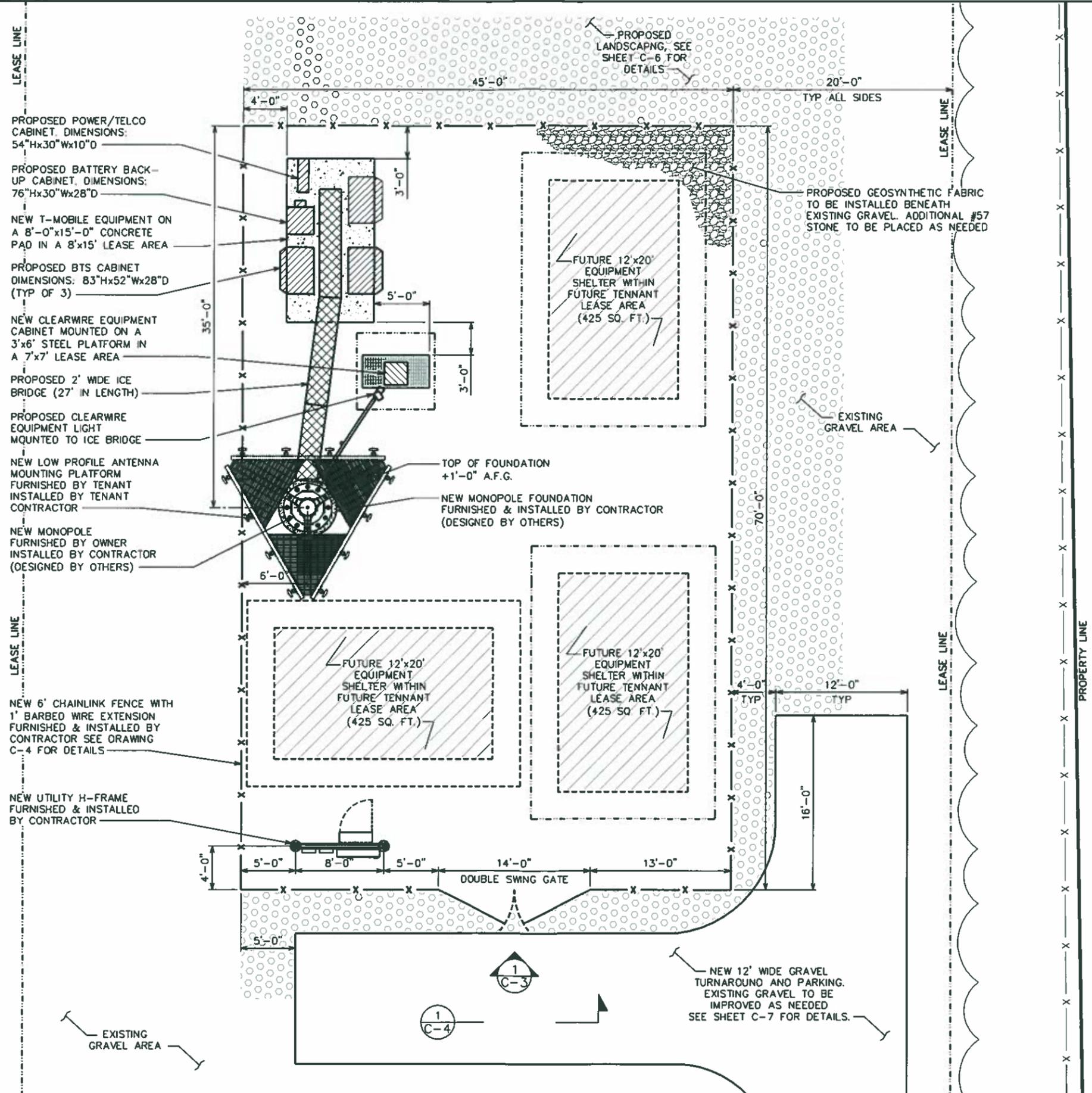
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SHEET NAME  
PROPERTY OWNERS

SHEET NUMBER  
C-1C



SCALE: 1"=200'



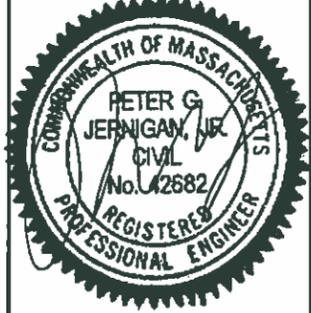
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△	12-2-09	FINAL ZONING
△	1-21-10	FINAL ZONING



DATE SIGNED: January 21, 2010

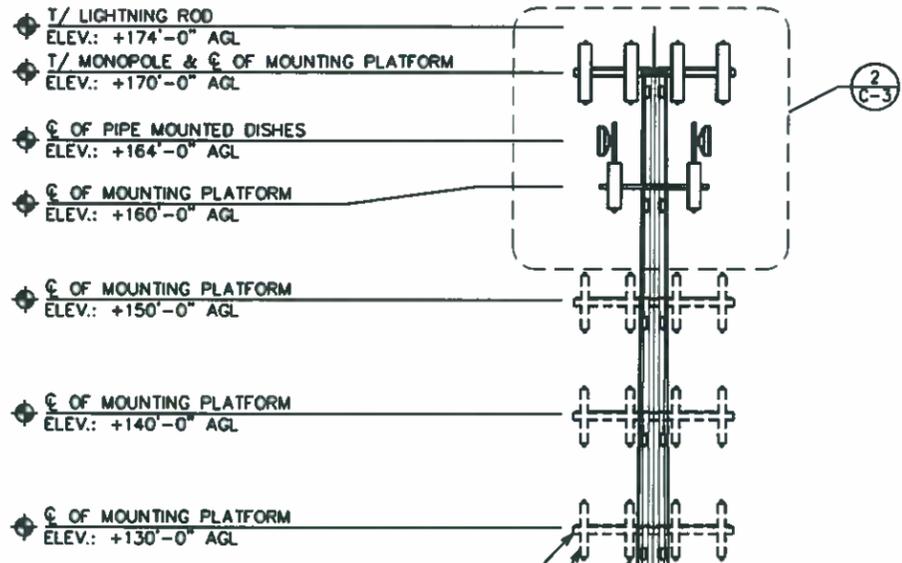
SITE NAME  
**ACTON 2**

SITE I.D.  
**MA11845-S**

SITE ADDRESS  
5 CRAIG ROAD  
ACTON, MA 01720  
(MIDDLESEX COUNTY)

SHEET NAME  
**ENLARGED SITE PLAN**

SHEET NUMBER  
**C-2**



FUTURE LOW PROFILE ANTENNA MOUNTING PLATFORM FURNISHED BY TENANT INSTALLED BY TENANT CONTRACTOR

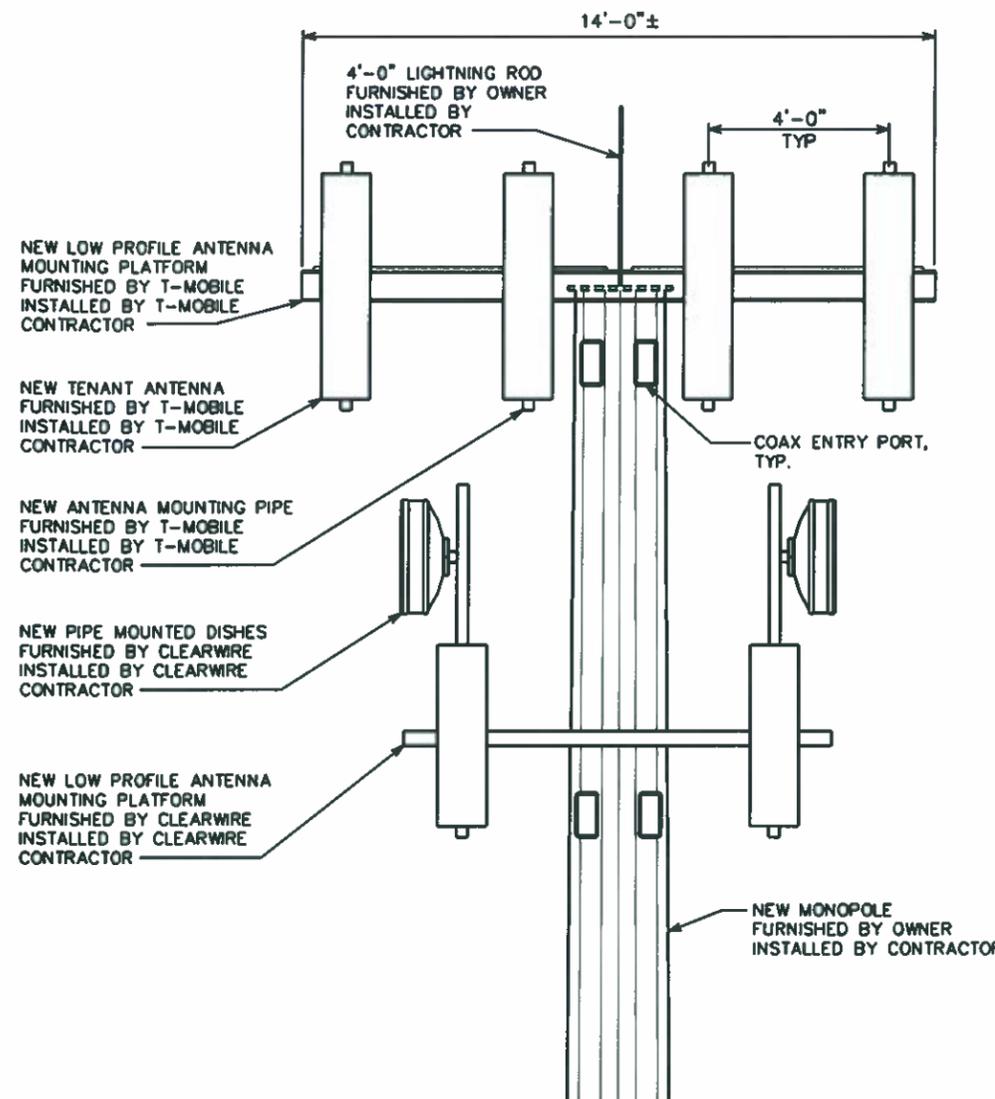
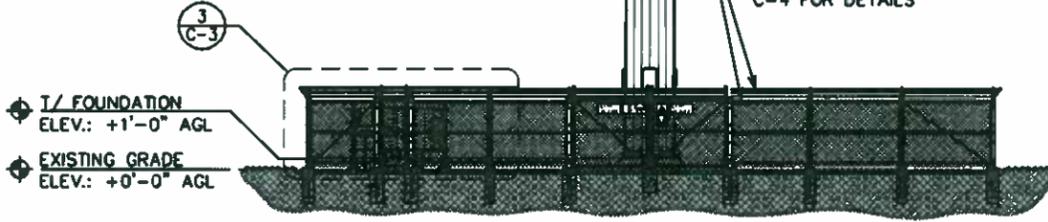
FUTURE TENANT ANTENNA FURNISHED BY TENANT INSTALLED BY TENANT CONTRACTOR

FUTURE ANTENNA MOUNTING PIPE FURNISHED BY TENANT INSTALLED BY TENANT CONTRACTOR

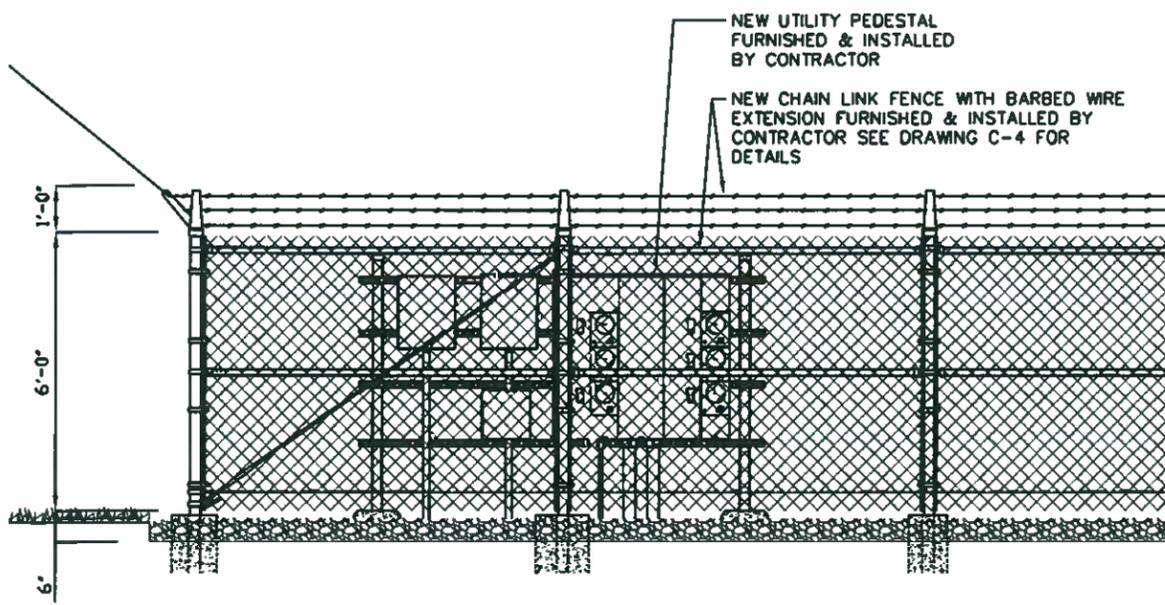
NEW MONOPOLE FURNISHED BY OWNER INSTALLED BY CONTRACTOR MONOPOLE FOUNDATION (DESIGNED BY OTHERS)

**STRUCTURAL NOTES:**

1. STRUCTURAL CALCULATION PREPARED BY OTHERS. CONTRACTOR TO COORDINATE WITH ANB 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.
3. TOWER SHALL BE CONSTRUCTED OF GALVANIZED STEEL OR PAINTED PER APPLICABLE STANDARDS OF THE FAA OR OTHER APPLICABLE FEDERAL OR STATE AGENCY.



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



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



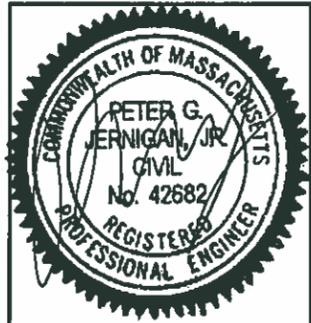
SBA TOWERS II, LLC.  
5900 BROKEN SOUND PARKWAY, NW  
BOCA RATON, FL 33487-2797  
TEL: (561) 226-9523  
FAX: (561) 226-9368



3703 JUNCTION BOULEVARD  
RALEIGH, NC 24467  
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FAX: (919) 661-6350

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APPROVED BY:	GMA	
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DATE SIGNED: January 21, 2010

SITE NAME  
ACTON 2

SITE I.D.  
MA11845-S

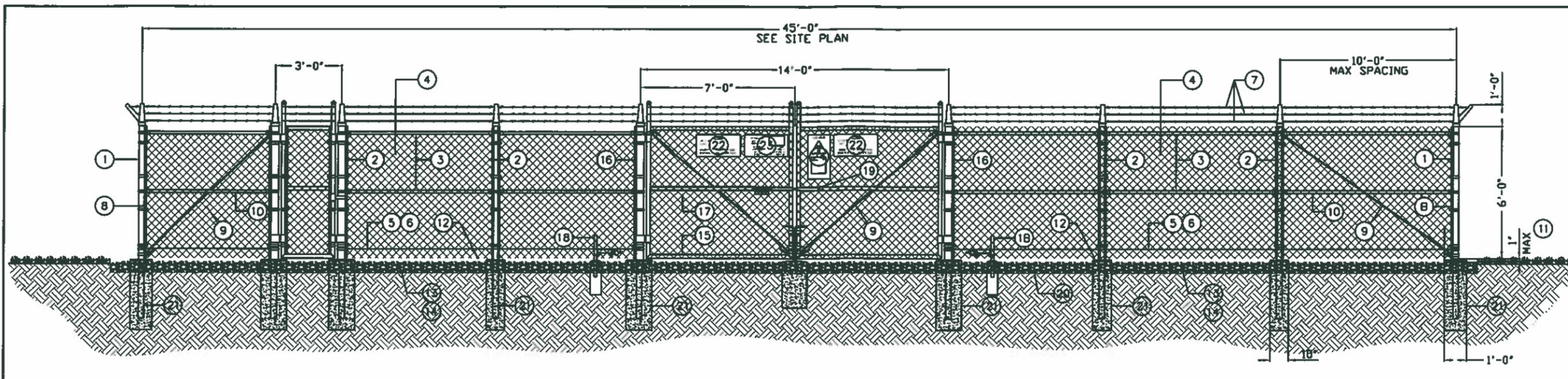
SITE ADDRESS  
5 CRAIG ROAD  
ACTON, MA 01720  
(MIDDLESEX COUNTY)

SHEET NAME  
ELEVATION VIEW

SHEET NUMBER  
C-3

1 ELEVATION VIEW

SCALE: N.T.S.



1 TYPICAL FENCING DETAIL

SCALE: N.T.S.

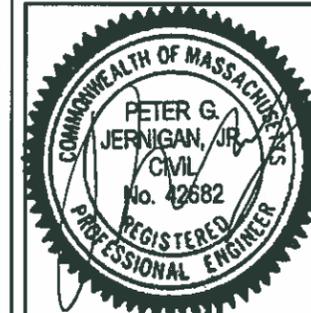
**BALLOON REFERENCE NOTES:**

- 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 FABRIC: 9 GA CORE WIRE SIZE 2" MESH, CONFORMING TO ASTM-A392.
- ⑤ TIE WIRE: 9 GA ALUMINUM. A SINGLE WRAP OF FABRIC TIE AND AT TENSION WIRE BY MOG RINGS SPACED 12" O.C. POSTS/GATES AND 24" RAILS/WIRE.
- ⑥ TENSION WIRE: 9 GA ALUMINUM
- ⑦ BARBED WIRE: DOUBLE STRAND 12-1/2" O.D. TWISTED WIRE TO MATCH WITH FABRIC. 14 GA, 4 PT. BARBS SPACED ON APPROXIMATELY 5" CENTERS.
- 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 FENCE CORNER POST BRACE: 1 5/8" NOMINAL PIPE.
- 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 4D 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.

**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 HOG-RING WIRE TO MOUNT ALL SIGNS
- 7. ALL SIGNS MUST BE MOUNTED ON INSIDE OF FENCE FABRIC.
- 8. MUSHROOM ANCHOR & PLUNGER REQUIRED FOR GATE.

CHECKED BY:	CMT	
APPROVED BY:	GMA	
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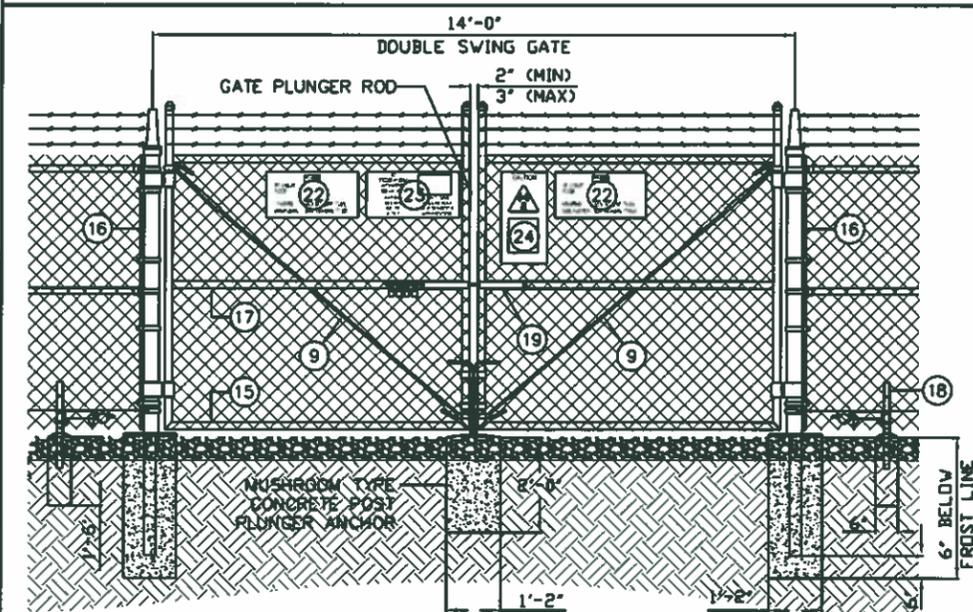
SITE NAME  
**ACTON 2**

SITE I.D.  
**MA11845-S**

SITE ADDRESS  
5 CRAIG ROAD  
ACTON, MA 01720  
(MIDDLESEX COUNTY)

SHEET NAME  
**FENCE DETAILS**

SHEET NUMBER  
**C-4**



2 DOUBLE-SWING GATE DETAIL

SCALE: N.T.S.

3 FENCING NOTES

SCALE: N.T.S.



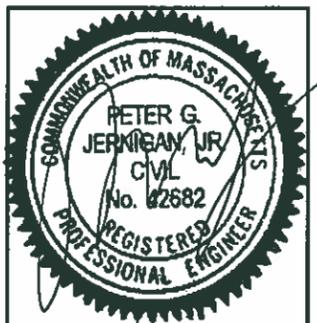
SBA TOWERS II, LLC.  
5900 BROKEN SOUND PARKWAY, NW  
BOCA RATON, FL 33487-2797  
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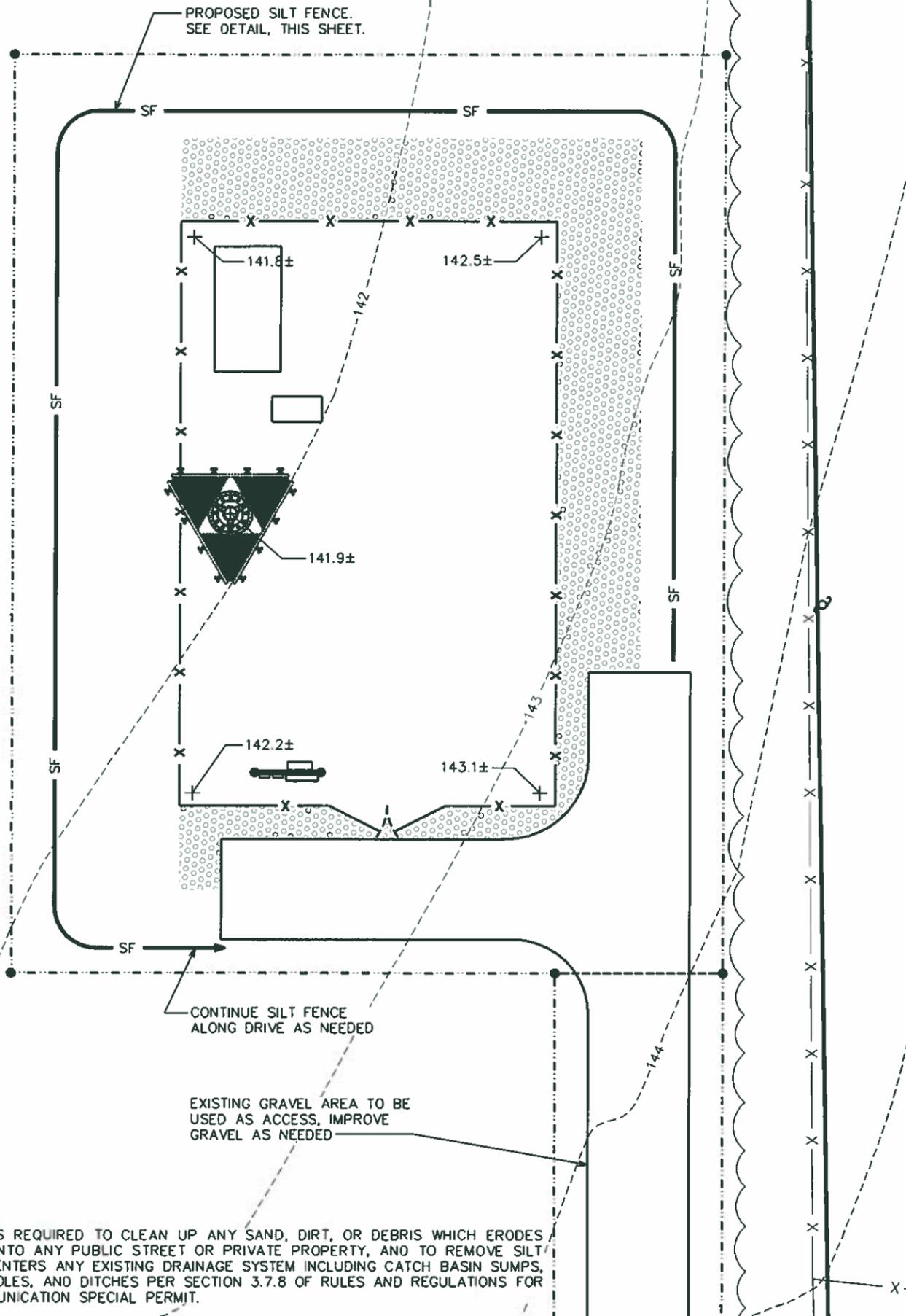


DATE SIGNED: January 21, 2010

SITE NAME
ACTON 2
SITE I.D.
MA11845-S
SITE ADDRESS
5 CRAIG ROAD ACTON, MA 01720 (MIDDLESEX COUNTY)

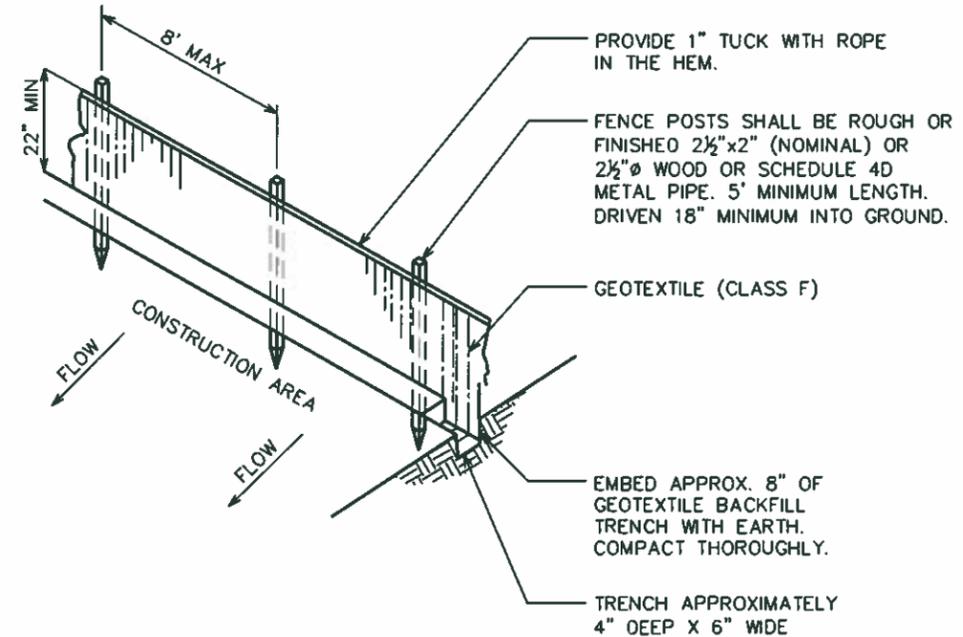
SHEET NAME  
**SOIL AND EROSION CONTROL PLAN**

SHEET NUMBER  
**C-5**



**NOTES:**

1. GEOTEXTILE FABRIC TO BE FASTENED SECURELY TO FENCE POST BY USE OF WIRE TIES OR HOG RINGS. 3 FASTENERS PER POST.
2. ENDS OF INDIVIDUAL ROLLS OF GEOTEXTILE SHALL BE SECURELY FASTENED TO A COMMON POST OR OVERLAPPED 3' (MINIMUM).
3. THIS DEVICE IS INTENDED TO CONTROL SHEET FLOW ONLY. IT WILL NOT BE USED IN AREAS OF CONCENTRATED FLOW WITH A DRAINAGE AREA OF 1/2 ACRE OR MORE.

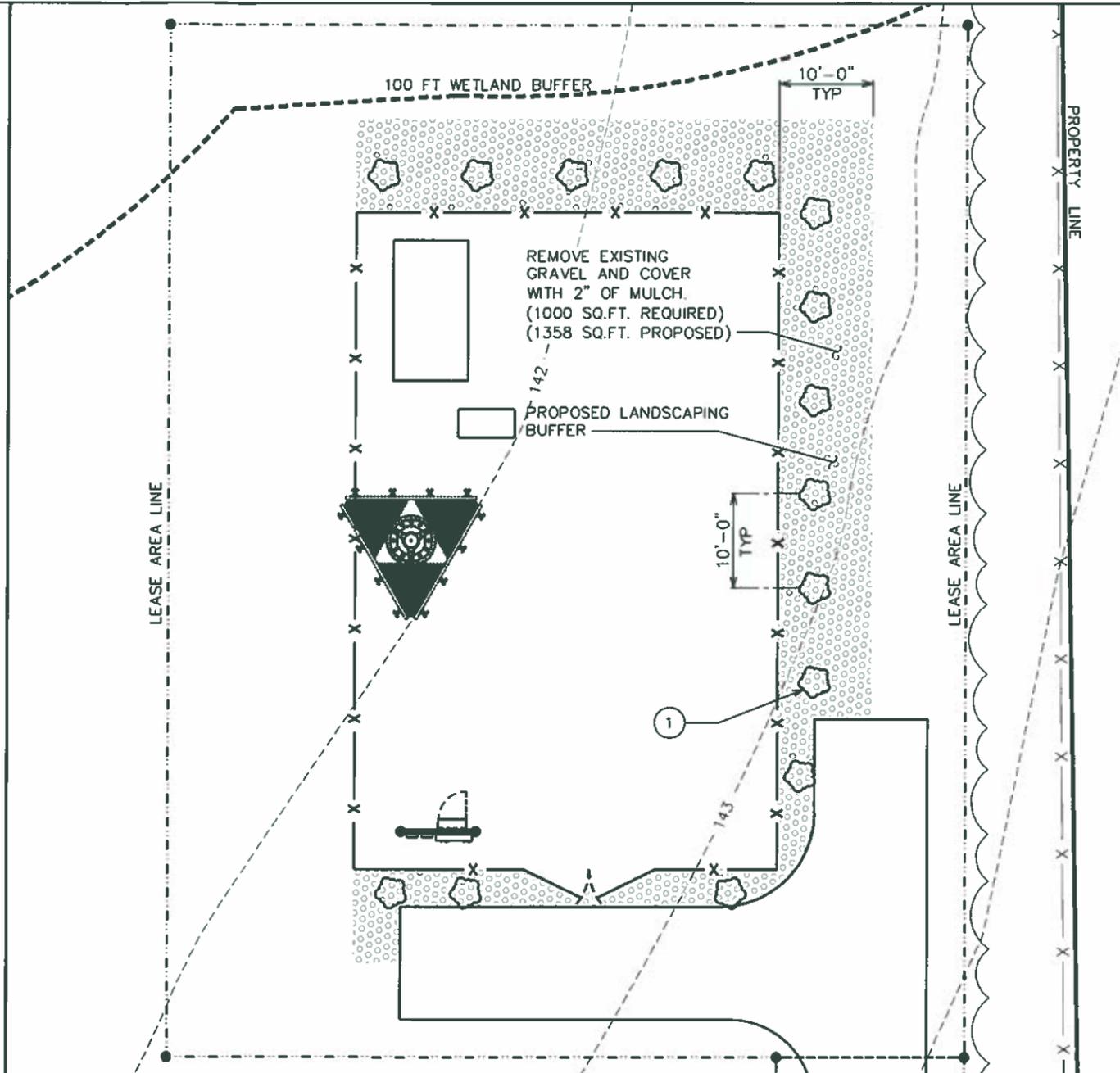
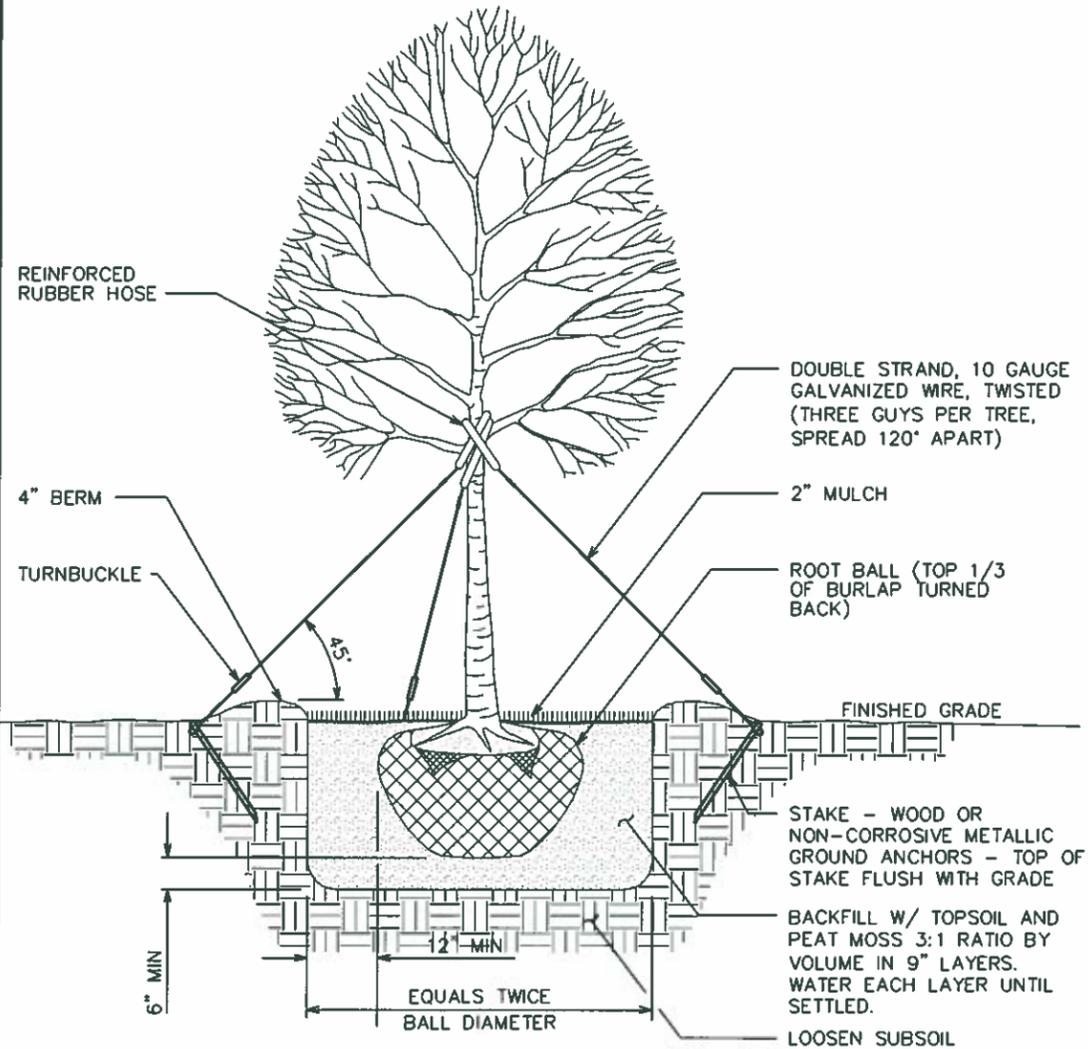


**NOTE:**

THE DEVELOPER IS REQUIRED TO CLEAN UP ANY SAND, DIRT, OR DEBRIS WHICH ERODES FROM THE SITE ONTO ANY PUBLIC STREET OR PRIVATE PROPERTY, AND TO REMOVE SILT OR DEBRIS THAT ENTERS ANY EXISTING DRAINAGE SYSTEM INCLUDING CATCH BASIN SUMPS, PIPE LINES, MANHOLES, AND DITCHES PER SECTION 3.7.8 OF RULES AND REGULATIONS FOR A WIRELESS COMMUNICATION SPECIAL PERMIT.

# LANDSCAPE GENERAL NOTES

1. TOPSOIL TO BE PROVIDED BY SITE CONTRACTOR IN ROUGH GRADE TO WITHIN 1" OF FINISH GRADE.
2. EACH PLANT TO BE IN THE TOP OF ITS CLASS AFTER SHEARING AND PRUNING.
3. EACH PLANT TO BE FREE FROM DISEASE, INSECT INFESTATION, AND MECHANICAL INJURIES, AND IN ALL RESPECTS BE SUITABLE FOR FIELD PLANTING.
4. ALL PLANTS TO BE FULLY GUARANTEED (LABOR AND MATERIALS) FOR A PERIOD OF NOT LESS THAN ONE (1) YEAR FROM DATE OF INSTALLATION.
5. PLANTS SHALL CONFORM TO THE AMERICAN STANDARD FOR NURSERY STOCK, ANSI Z60.1-1973 IN REGARD TO SIZING, GROWING, AND B&B SPECIFICATIONS.
6. CONTRACTOR SHALL PROTECT ALL EXISTING TREES AND SHRUBS WITHIN CONSTRUCTION AREA IDENTIFIED AS "TO REMAIN" FROM DAMAGE BY EQUIPMENT AND CONSTRUCTION ACTIVITIES.



2 LANDSCAPING PLAN

## PLANTING SCHEDULE

ITEM	QTY.	BOTANICAL NAME	COMMON NAME	HEIGHT @ PLANTING	HEIGHT @ MATURITY	SPREAD/ CALIPER	SPACING	REMARKS
<b>TREES</b>								
①	15	<i>(Juniperus virginiana)</i>	EASTERN RED CEDAR	4'-0"	25'-0"	-	SEE PLAN THIS SHEET	SHOWN AS

1 LANDSCAPING DETAILS

SCALE: N.T.S.

**SBA**

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

**TOWER ENGINEERING PROFESSIONALS**

3703 JUNCTION BOULEVARD  
RALEIGH, NC 24467  
TEL: (919) 661-6351  
FAX: (919) 661-6350

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APPROVED BY:	GMA	
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COMMONWEALTH OF MASSACHUSETTS

PETER G. JERNIGAN, JR.  
CIVIL  
No. 42682  
REGISTERED PROFESSIONAL ENGINEER

DATE SIGNED: January 21, 2010

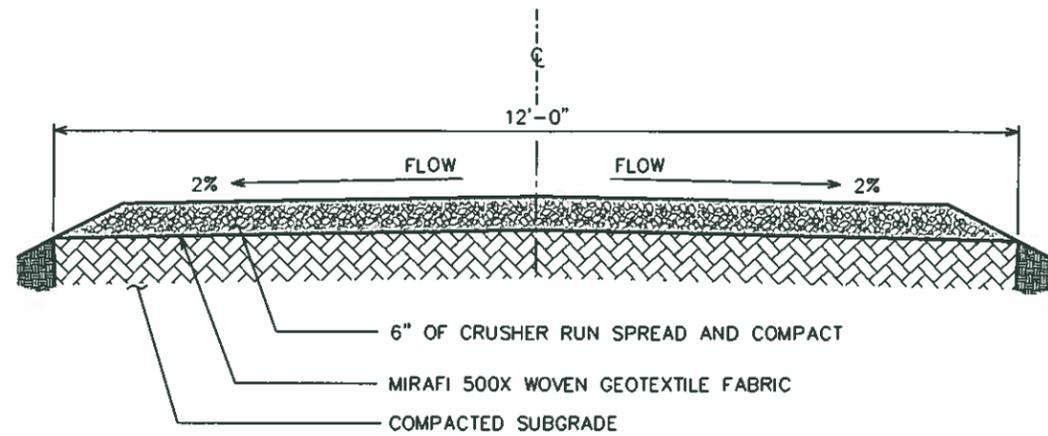
SITE NAME  
ACTON 2

SITE I.D.  
MA11845-S

SITE ADDRESS  
5 CRAIG ROAD  
ACTON, MA 01720  
(MIDDLESEX COUNTY)

SHEET NAME  
LANDSCAPING  
DETAILS

SHEET NUMBER  
C-6



**NOTE:**

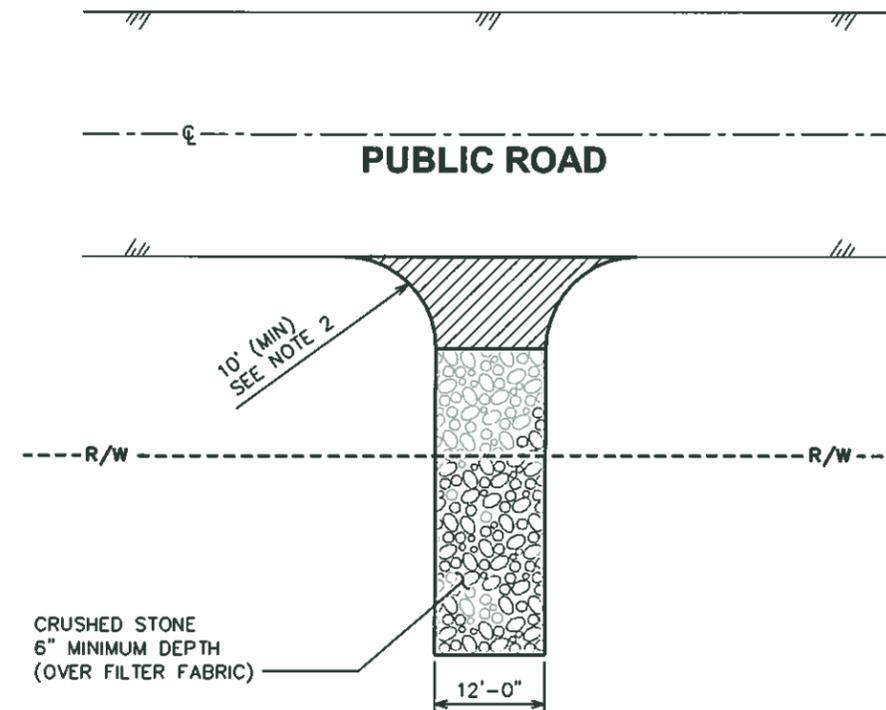
EXISTING SITE CONDITION IS A GRAVEL AREA.  
IMPROVE EXISTING DRIVE CONDITIONS AS NEEDED.

2 STANDARD ROAD SECTION

SCALE: N.T.S.

**NOTES:**

1. IMPROVE THE EXISTING SITE CONDITIONS IF NEEDED OR REQUIRED BY THE PROPERTY OWNER OR TOWN OF ACTON.
2. TURNING RADIUS THAT IS SUFFICIENT TO ACCOMODATE LARGE TRUCKS SHALL BE PROVIDED.
3. THE ENTRANCE(S) SHOULD BE LOCATED TO PROVIDE FOR UTILIZATION BY ALL CONSTRUCTION VEHICLES.
4. ENTRANCE(S) MUST BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR DIRECT FLOW OF MUD ONTO STREETS. PERIODIC TOPDRESSING WITH STONE WILL BE NECESSARY.
5. ANY MATERIAL TRACKED ONTO THE ROADWAY MUST BE CLEANED UP IMMEDIATELY.
6. GRAVEL CONSTRUCTION ENTRANCE SHALL BE LOCATED AT ALL POINTS OF INGRESS AND EGRESS UNTIL SITE IS STABILIZED. FREQUENT CHECKS OF THE DEVICE AND TIMELY MAINTENANCE MUST BE PROVIDED.
7. THE HATCHED PORTION OF DRIVEWAY SHALL BE PAVED WITH 550#/SY AABC, 225#/SY BINDER, 175#/SY SURFACE TYPE 1-C TO THE RIGHT OF WAY LINE AFTER SITE CONSTRUCTION.



1 DRIVEWAY DETAILS

SCALE: N.T.S.



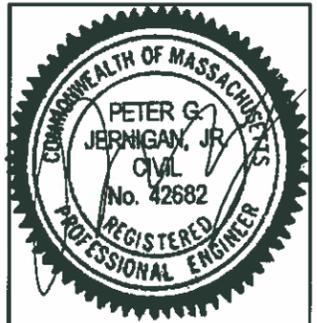
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SITE NAME	ACTON 2
SITE I.D.	MA11845-S
SITE ADDRESS	5 CRAIG ROAD ACTON, MA 01720 (MIDDLESEX COUNTY)

SHEET NAME  
**DRIVEWAY  
DETAILS**

SHEET NUMBER  
**C-7**