

ATTACHMENT 1

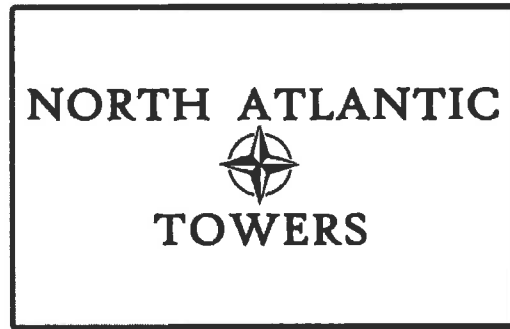
PROJECT DESCRIPTION:

CONSTRUCTION OF PUBLIC UTILITY/PERSONAL WIRELESS SERVICE FACILITY CONSISTING OF A MONOPINE TOWER, INITIALLY (1) EQUIPMENT SHELTER, AND A UTILITY BACKBOARD WITHIN A FENCED COMPOUND. NO WATER OR SEWER IS REQUIRED.

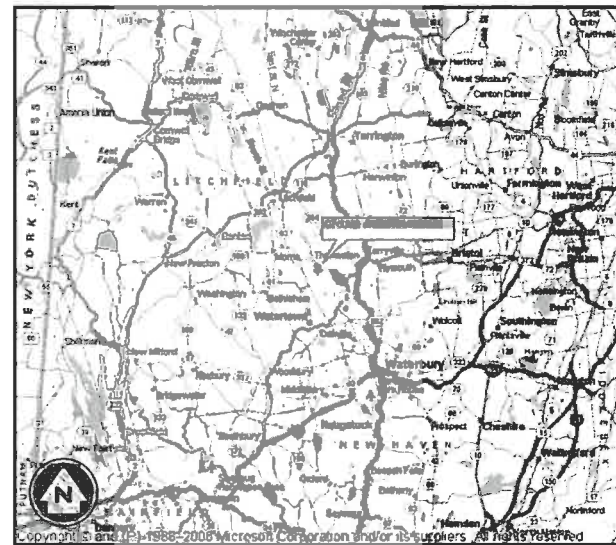
CODE COMPLIANCE:

ALL WORK AND MATERIALS SHALL BE PERFORMED AND INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT CONFORMING TO THE LATEST EDITIONS OF THE FOLLOWING:

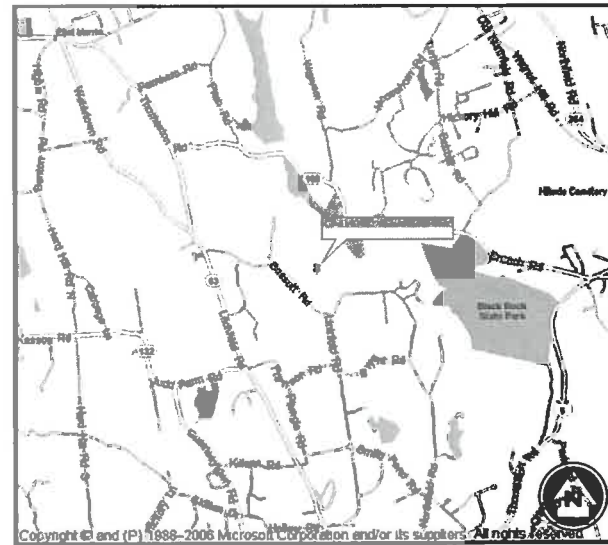
- 1. CT BUILDING CODE
- 2. UNIFORM BUILDING CODE
- 3. BUILDING OFFICIALS AND CODE ADMINISTRATORS (BOCA)
- 4. UNIFORM MECHANICAL CODE
- 5. ANSI/TIA/EIA-222-G
- 6. UNIFORM PLUMBING CODE
- 7. NATIONAL ELECTRIC CODE
- 8. LOCAL BUILDING CODE
- 9. CITY/COUNTY ORDINANCES



WATERTOWN
SITE ID: CT1140
655 BASSETT RD.
WATERTOWN, CT 06795



VICINITY MAP
N.T.S.

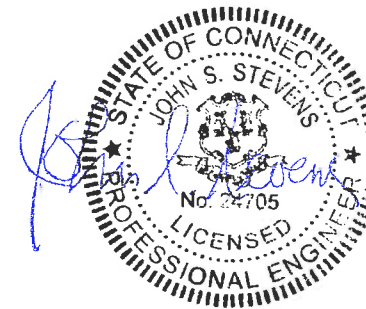


LOCATION MAP
N.T.S.

infinigy
 engineering

11 HERBERT DRIVE
 LATHAM, NY 12110
 OFFICE #: (518) 690-0790
 FAX #: (518) 690-0793

PROPOSED TOWER HEIGHT: ±130' AGL
 LATITUDE: 41° 39' 26" N (APPROX.)
 LONGITUDE: 73° 08' 11" W (APPROX.)
 ELEVATION: ±833' AGL (APPROX.)



LITCHFIELD COUNTY, CONNECTICUT

PROJECT INFORMATION

SITE NAME: WATERTOWN
 SITE ID: CT1140
 SITE ADDRESS: 655 BASSETT ROAD
 WATERTOWN, CT 06795
 ZONING JURISDICTION: TOWN OF WATERTOWN
 ZONING CLASSIFICATION: R-90; RESIDENTIAL
 PARCEL I.D. (M/B/L/U): 15/25/3///
 ACCOUNT NUMBER: 3592
 PARCEL SIZE: ± 51.53 ACRES
 CONSTRUCTION AREA: ± 63,000 SQ FT (INCL. LINKFIELD RD UPGRADE)
 LATITUDE: 41° 39' 26" N (APPROX.)
 LONGITUDE: 73° 08' 11" W (APPROX.)

PROJECT DIRECTORY

PROPERTY OWNER: GUSTAFSON FRANK E EST./FRANK E JR & ALAN R CO EXEC'S/FRANK E, ALAN R, PETER
 (860) 274-5002
 APPLICANT: NORTH ATLANTIC TOWERS
 1001 3RD AVE WEST, SUITE 420
 BRADENTON, FL 34205
 DAN SHRIVER
 (941) 757-5010
 ENGINEER: INFINGY ENGINEERING PLLC
 11 HERBERT DRIVE
 LATHAM, NY 12110
 A.J. DeSANTIS
 (518) 690-0790
 ATTORNEY: CUDDY & FEDER LLP
 445 HAMILTON STREET, 14TH FLOOR
 WHITE PLAINS, NY 10601
 LUCIA CHIOCCHIO, ESQ
 (914) 761-1300

POWER COMPANY: UNITED ILLUMINATING

TELCO COMPANY: TBD

DRAWING INDEX

DRWG. #	TITLE	REV.#	DATE
T1	TITLE SHEET	4	2/24/12
Z1	ABUTTERS MAP	4	2/24/12
Z2	OVERALL SITE PLAN	4	2/24/12
Z3	SITE LAYOUT	4	2/24/12
Z4	ENLARGED SITE LAYOUT	4	2/24/12
Z5	GRADING PLAN	4	2/24/12
Z6	ELEVATION VIEW & DETAILS	4	2/24/12
Z7	DETAILS	4	2/24/12
Z8	DETAILS	4	2/24/12
Z9	DETAILS	4	2/24/12
Z10	DETAILS	4	2/24/12

DIG ALERT:
 CALL FOR UNDERGROUND UTILITIES PRIOR TO DIGGING:
 1-888-922-4455

EMERGENCY:
 CALL 911



No.	Submitted / Revision	App'd	Date
4	130' MONOPINE	AJD	2/24/12
3	REV ACCESS DRIVE	AJD	11/28/11
2	REVISED ABUTTERS MAP	AJD	7/26/11
1	REV PER COMMENT	BPM	3/25/11
0	FOR PERMIT	BPM	3/2/11

Drawn: BPM Date: 3/2/11
Designed: AJD Date: 3/2/11
Checked: AJD Date: 3/2/11

Project Number: 226-015

Project Title:
WATERTOWN
CT1140
655 BASSETT RD
WATERTOWN, CT 06795

Prepared For:

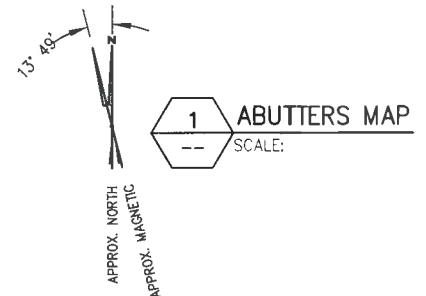
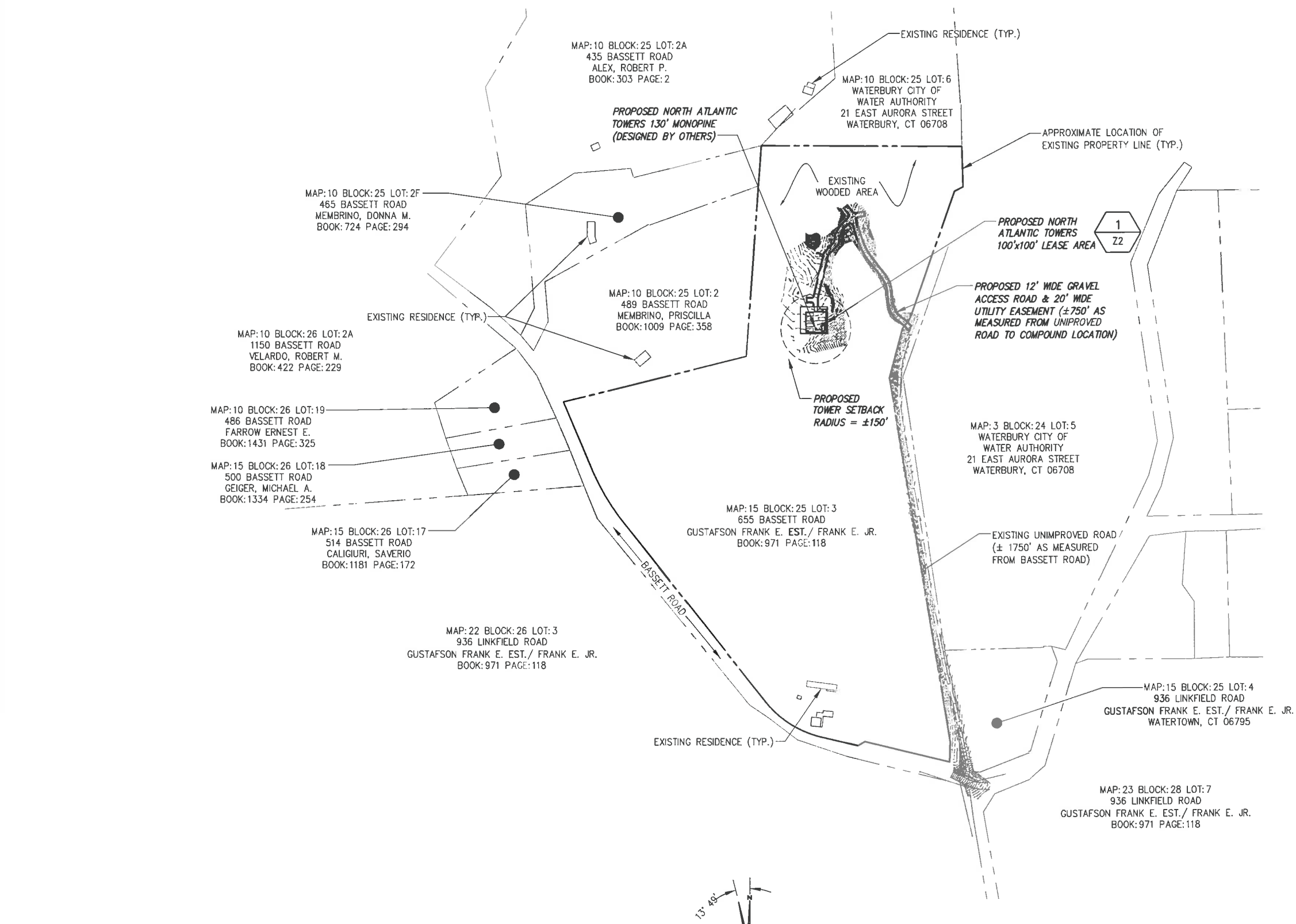
NORTH ATLANTIC TOWERS

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Drawing Scale: AS NOTED
Date: 3/25/11
ZD

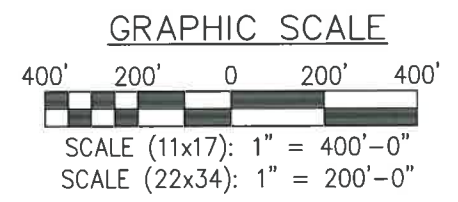
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ABUTTERS MAP

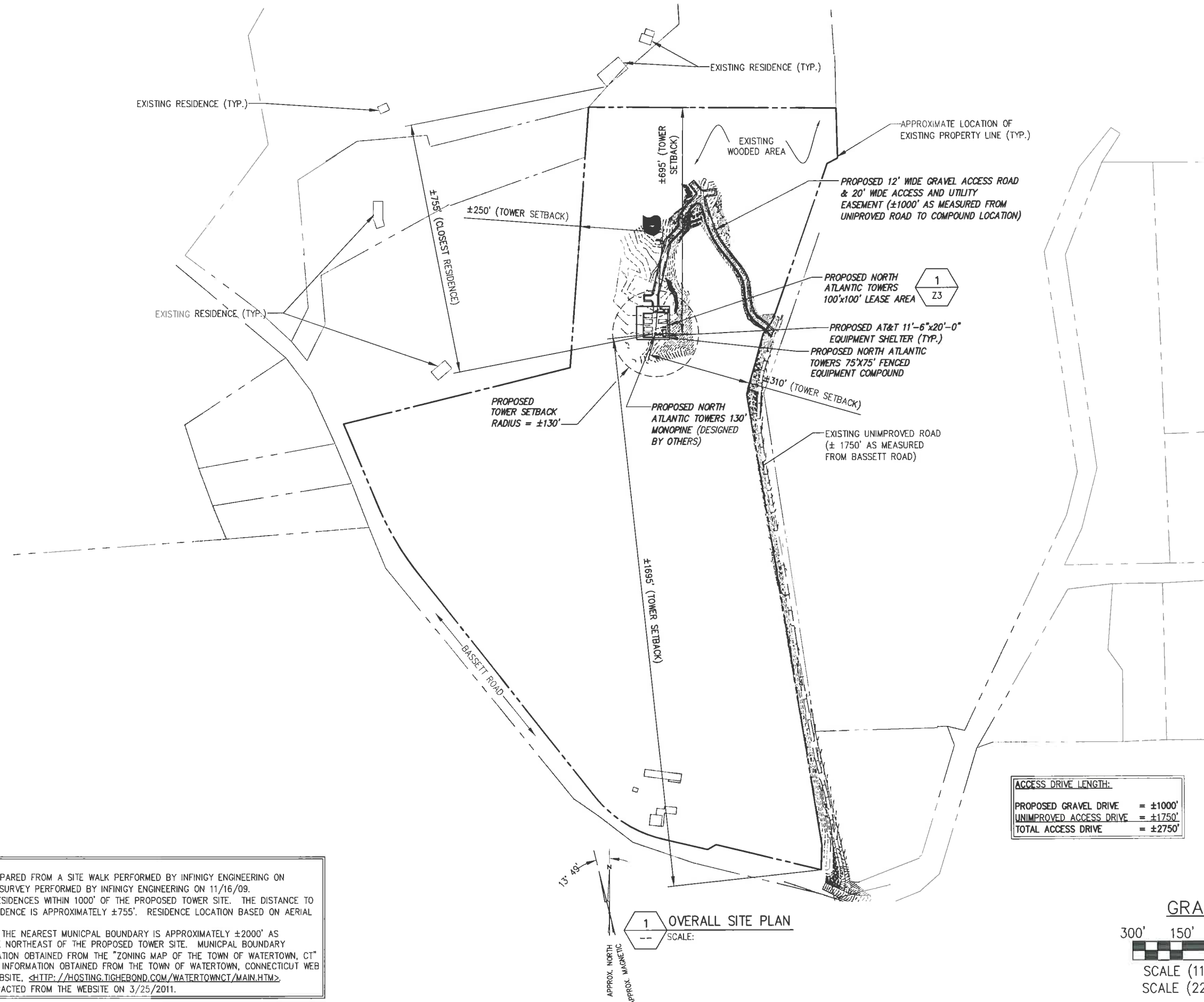
Drawing Number:
Z1



NOTES:

- BASEMAPPING PREPARED FROM A SITE WALK PERFORMED BY INFINIGY ENGINEERING ON 9/23/09, AND A SURVEY PERFORMED BY INFINIGY ENGINEERING ON 11/16/09.
- THERE ARE (5) RESIDENCES WITHIN 1000' OF THE PROPOSED TOWER SITE. THE DISTANCE TO THE CLOSEST RESIDENCE IS APPROXIMATELY ±755'. RESIDENCE LOCATION BASED ON AERIAL PHOTOGRAPHY.
- THE DISTANCE TO THE NEAREST MUNICIPAL BOUNDARY IS APPROXIMATELY ±2000' AS MEASURED TO THE NORTHEAST OF THE PROPOSED TOWER SITE. MUNICIPAL BOUNDARY LOCATION INFORMATION OBTAINED FROM THE "ZONING MAP OF THE TOWN OF WATERTOWN, CT" ABUTTING PARCEL INFORMATION OBTAINED FROM THE TOWN OF WATERTOWN, CONNECTICUT WEB MAPPING G.I.S. WEBSITE, <[HTTP://HOSTING.TIGERBOND.COM/WATERTOWNCT/MAIN.HTM](http://HOSTING.TIGERBOND.COM/WATERTOWNCT/MAIN.HTM)>. INFORMATION EXTRACTED FROM THE WEBSITE ON 3/25/2011.

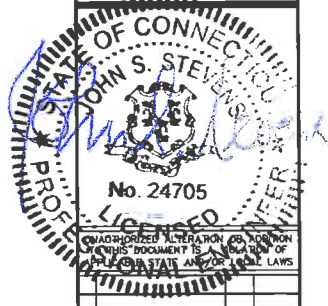
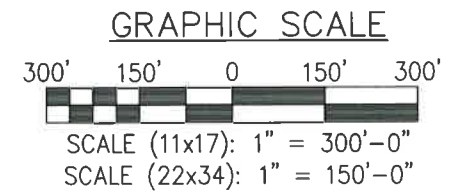




1. NOTES:
- BASEMAPPING PREPARED FROM A SITE WALK PERFORMED BY INFINIGY ENGINEERING ON 9/23/09, AND A SURVEY PERFORMED BY INFINIGY ENGINEERING ON 11/16/09.
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1 OVERALL SITE PLAN
SCALE:

ACCESS DRIVE LENGTH:	
PROPOSED GRAVEL DRIVE	= ±1000'
UNIMPROVED ACCESS DRIVE	= ±1750'
TOTAL ACCESS DRIVE	= ±2750'



No.	Submittal / Revision	App'd	Date
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0	FOR PERMIT	BPM	3/2/11

Drawn: BPM Date: 3/2/11
Designed: AJD Date: 3/2/11
Checked: AJD Date: 3/2/11

Project Number
226-015

Project Title
**WATERTOWN
CT1140**
655 BASSETT RD
WATERTOWN, CT 06795

Prepared For

**NORTH ATLANTIC
TOWERS**

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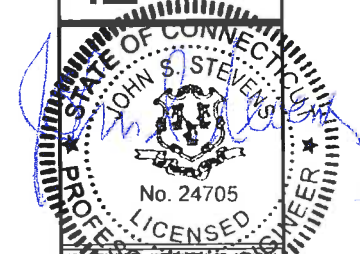
Drawing Scale:
AS NOTED
ZD

Date:
3/25/11

Drawing Title
**OVERALL
SITE PLAN**

Drawing Number
Z2

infinigy
engineering
11 Herbert Drive
Latham, NY 12110
OFFICE: (518) 690-0790
FAX: (518) 690-0793



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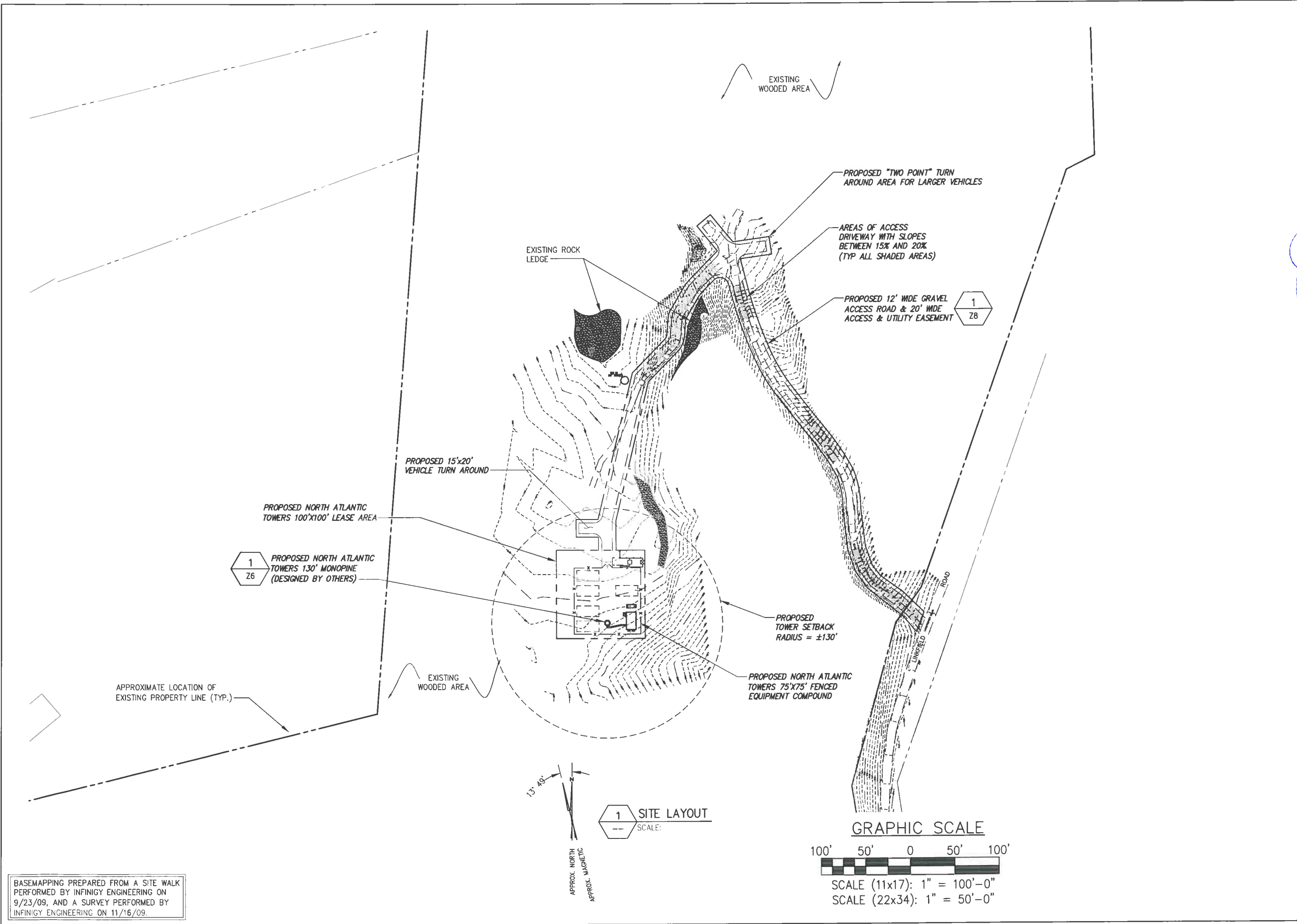
Drawing Scale:
AS NOTED

Date:
3/25/11

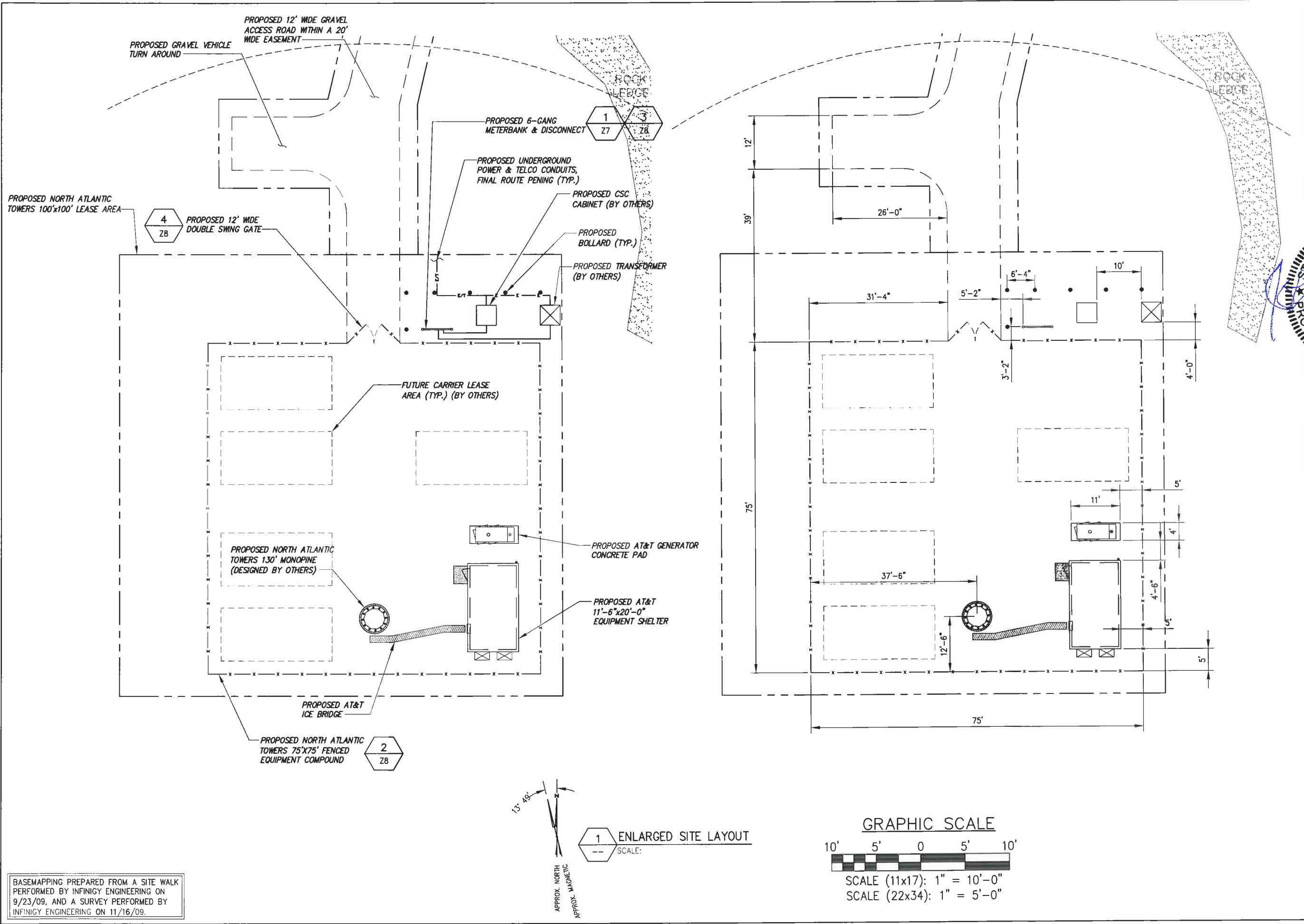
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Drawing Title:
SITE LAYOUT

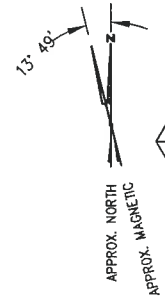
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Z3



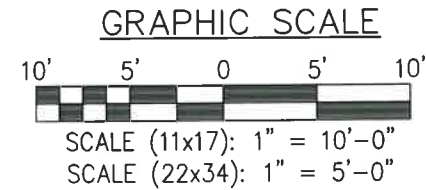
BASEMAPPING PREPARED FROM A SITE WALK PERFORMED BY INFINIGY ENGINEERING ON 9/23/09, AND A SURVEY PERFORMED BY INFINIGY ENGINEERING ON 11/16/09.



BASEMAPPING PREPARED FROM A SITE WALK PERFORMED BY INFINIGY ENGINEERING ON 9/23/09, AND A SURVEY PERFORMED BY INFINIGY ENGINEERING ON 11/16/09.



1 ENLARGED SITE LAYOUT
SCALE:



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engineering
11 Herbert Drive
Latham, NY 12110
OFFICE: (518) 690-0790
FAX: (518) 690-0793



No.	Submitted / Revision	App'd	Date
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Designed: A.D. Date: 3/2/11
Checked: A.D. Date: 3/2/11

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CT1140**
655 BASSETT RD
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Prepared For

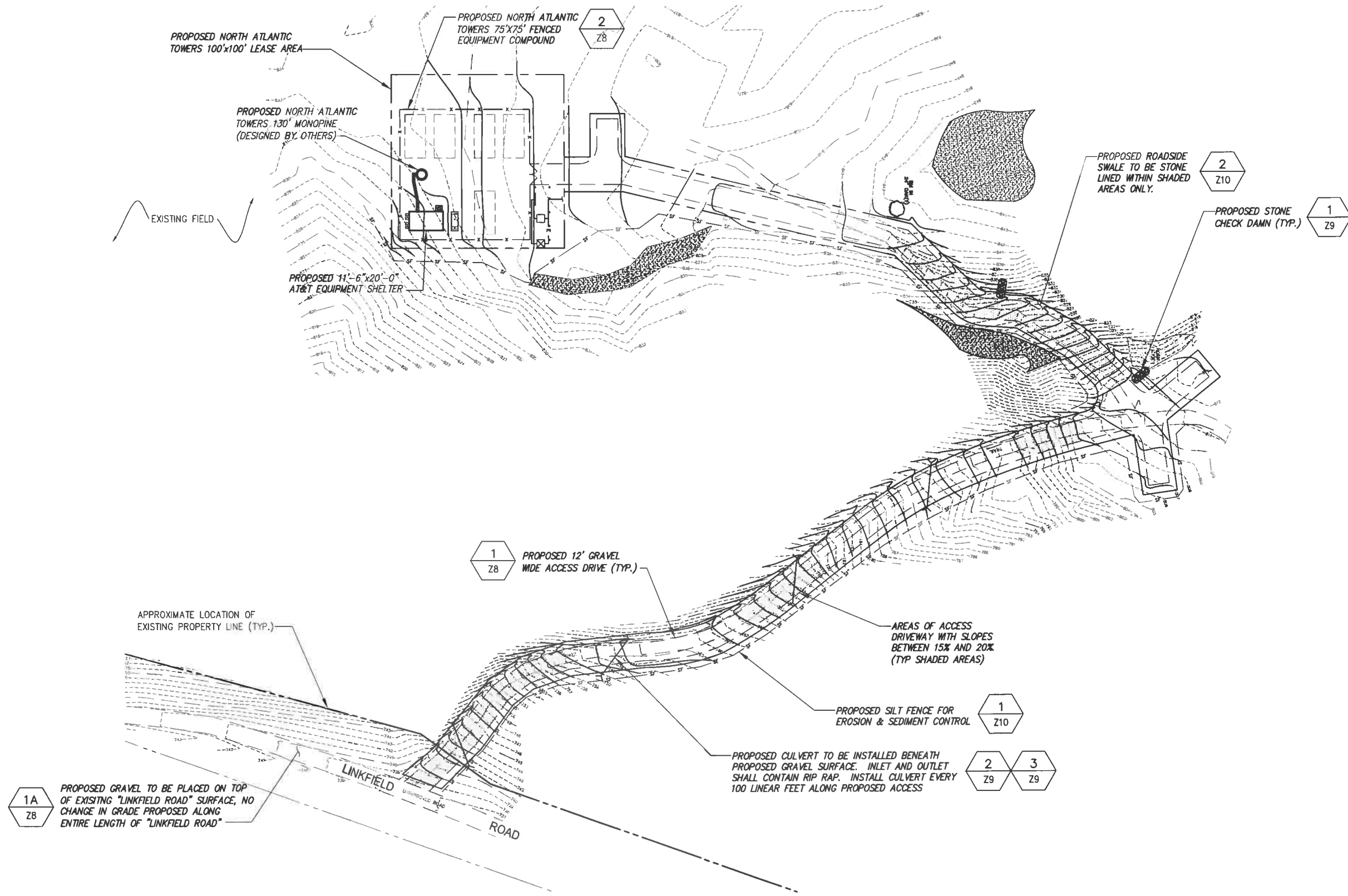
**NORTH ATLANTIC
TOWERS**

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Drawing Scale:
AS NOTED **ZD**
Date:
3/25/11

Drawing Title
**ENLARGED
SITE
LAYOUT**

Drawing Number
Z4



PROPOSED NORTH ATLANTIC TOWERS 100'x100' LEASE AREA

PROPOSED NORTH ATLANTIC TOWERS 130' MONOPINE (DESIGNED BY OTHERS)

PROPOSED NORTH ATLANTIC TOWERS 75'x75' FENCED EQUIPMENT COMPOUND

PROPOSED 11'-6"x20'-0" AT&T EQUIPMENT SHELTER

PROPOSED ROADSIDE SWALE TO BE STONE LINED WITHIN SHADED AREAS ONLY.

PROPOSED STONE CHECK DAM (TYP.)

PROPOSED 12' GRAVEL WIDE ACCESS DRIVE (TYP.)

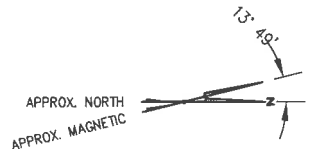
AREAS OF ACCESS DRIVEWAY WITH SLOPES BETWEEN 15% AND 20% (TYP SHADED AREAS)

PROPOSED SILT FENCE FOR EROSION & SEDIMENT CONTROL

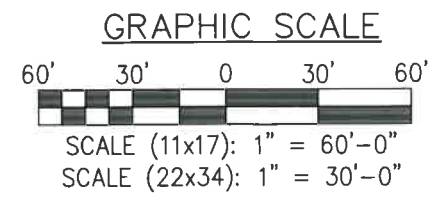
PROPOSED CULVERT TO BE INSTALLED BENEATH PROPOSED GRAVEL SURFACE. INLET AND OUTLET SHALL CONTAIN RIP RAP. INSTALL CULVERT EVERY 100 LINEAR FEET ALONG PROPOSED ACCESS

APPROXIMATE LOCATION OF EXISTING PROPERTY LINE (TYP.)

PROPOSED GRAVEL TO BE PLACED ON TOP OF EXISTING "LINKFIELD ROAD" SURFACE, NO CHANGE IN GRADE PROPOSED ALONG ENTIRE LENGTH OF "LINKFIELD ROAD"



1 GRADING PLAN
SCALE:



BASEMAPPING PREPARED FROM A SITE WALK PERFORMED BY INFINGY ENGINEERING ON 9/23/09, AND A SURVEY PERFORMED BY INFINGY ENGINEERING ON 11/16/09.



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4	130' MONOPINE	A.D.	2/24/12
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WATERTOWN
CT1140
655 BASSETT RD
WATERTOWN, CT 06795

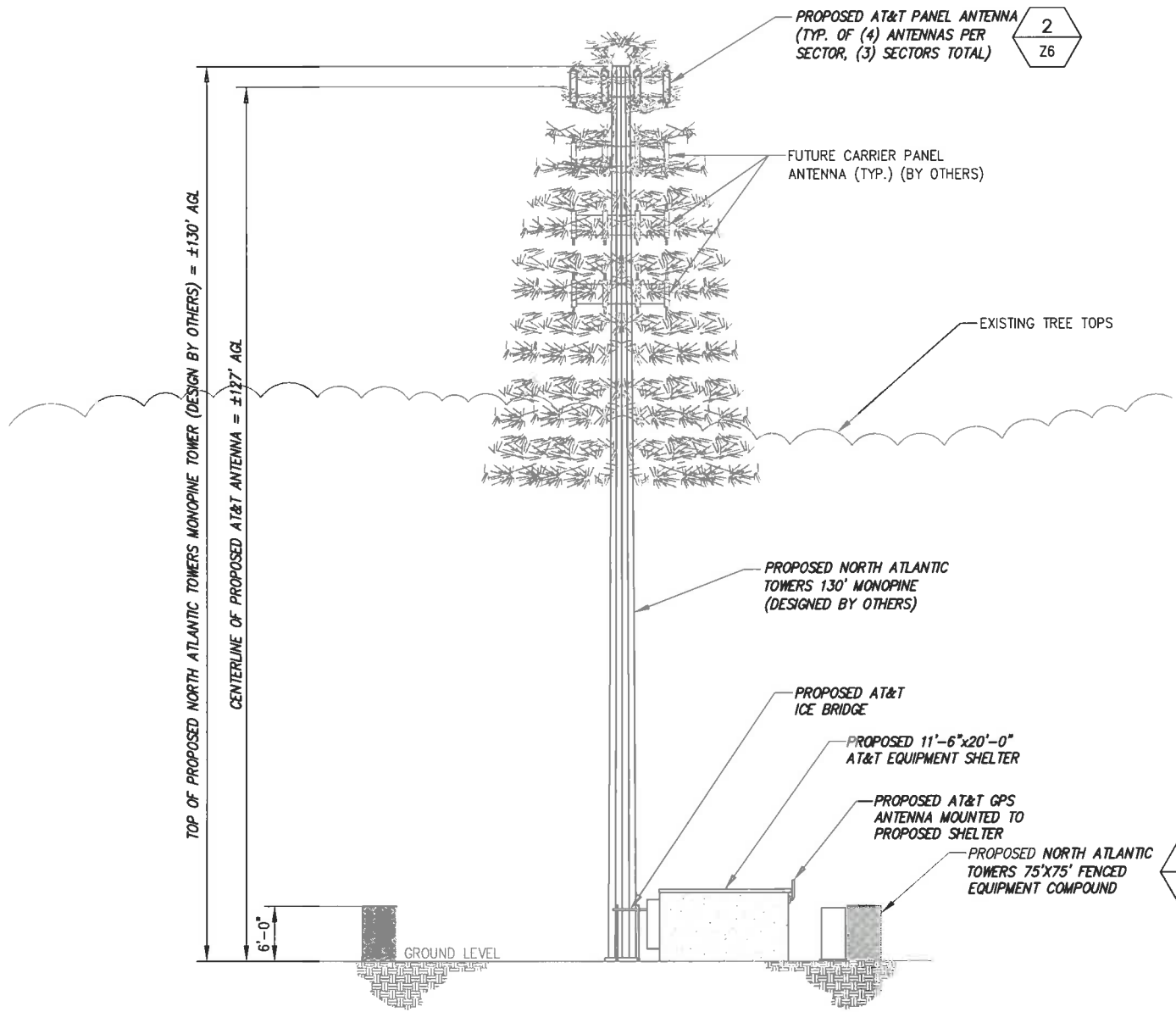
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Date: 3/25/11
ZD

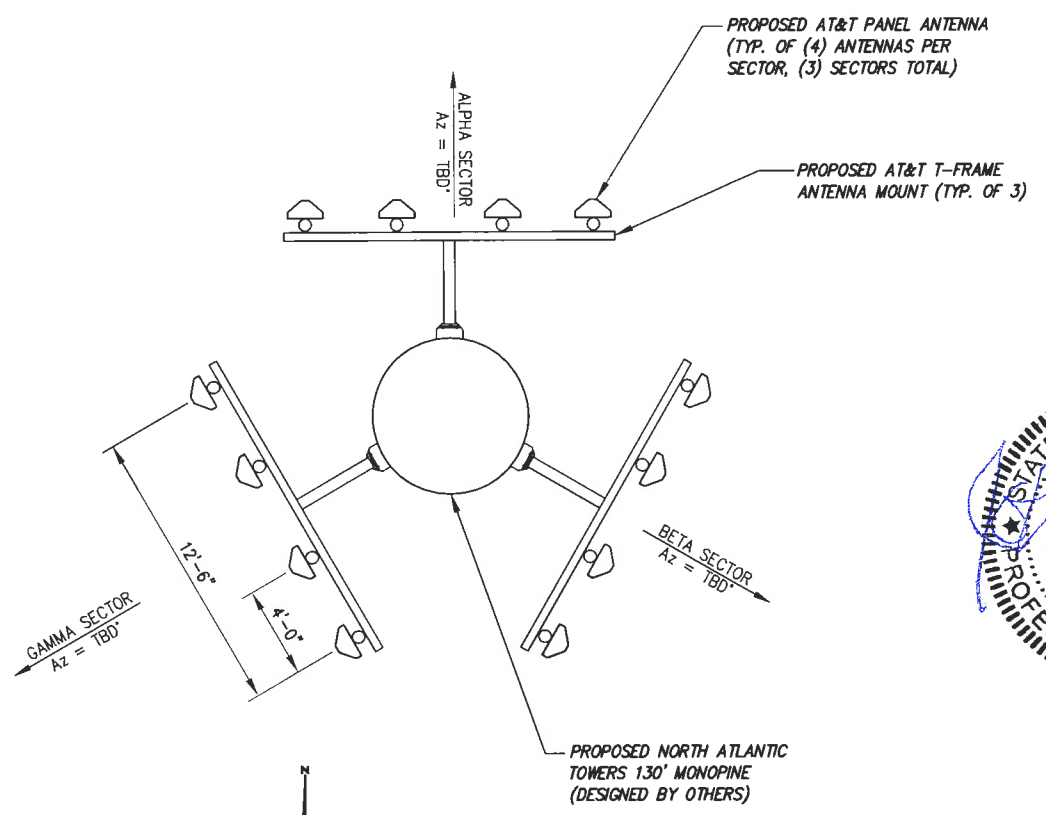
Drawing Title
GRADING PLAN

Drawing Number
Z5

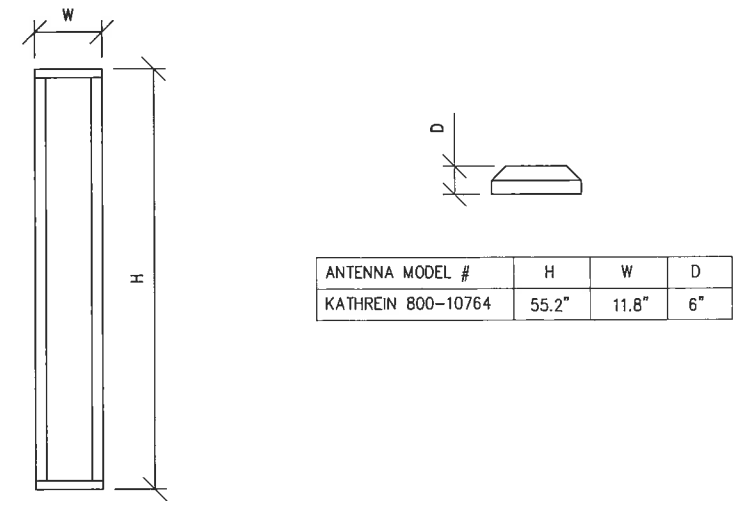
infingy engineering
11 Herbert Drive
Latham, NY 12110
OFFICE: (518) 690-0790
FAX: (518) 690-0793



1 TOWER ELEVATION VIEW
 -- NOT TO SCALE



2 ANTENNA ORIENTATION
 -- NOT TO SCALE



3 ANTENNA DIMENSIONS
 -- NOT TO SCALE

STRUCTURAL ANALYSIS NOT COMPLETED AT TIME OF ISSUANCE OF THESE DRAWINGS. THE STRUCTURAL ANALYSIS MUST BE COMPLETED PRIOR TO CONSTRUCTION.

PROPOSED ANTENNA RAD CENTER IS PRELIMINARY AND IS SUBJECT TO CHANGE WITH FINAL RF CONFIGURATION BY RF ENGINEER.



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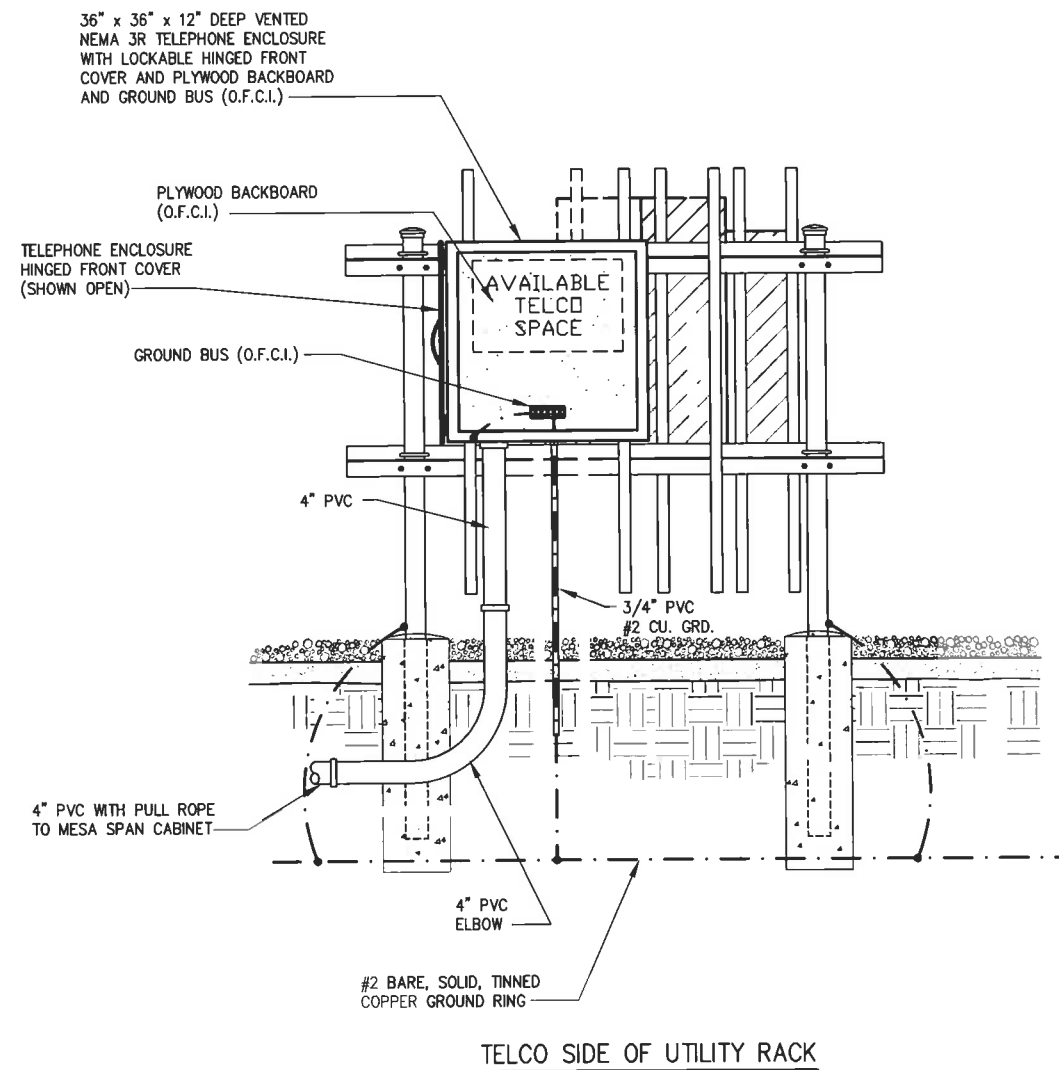
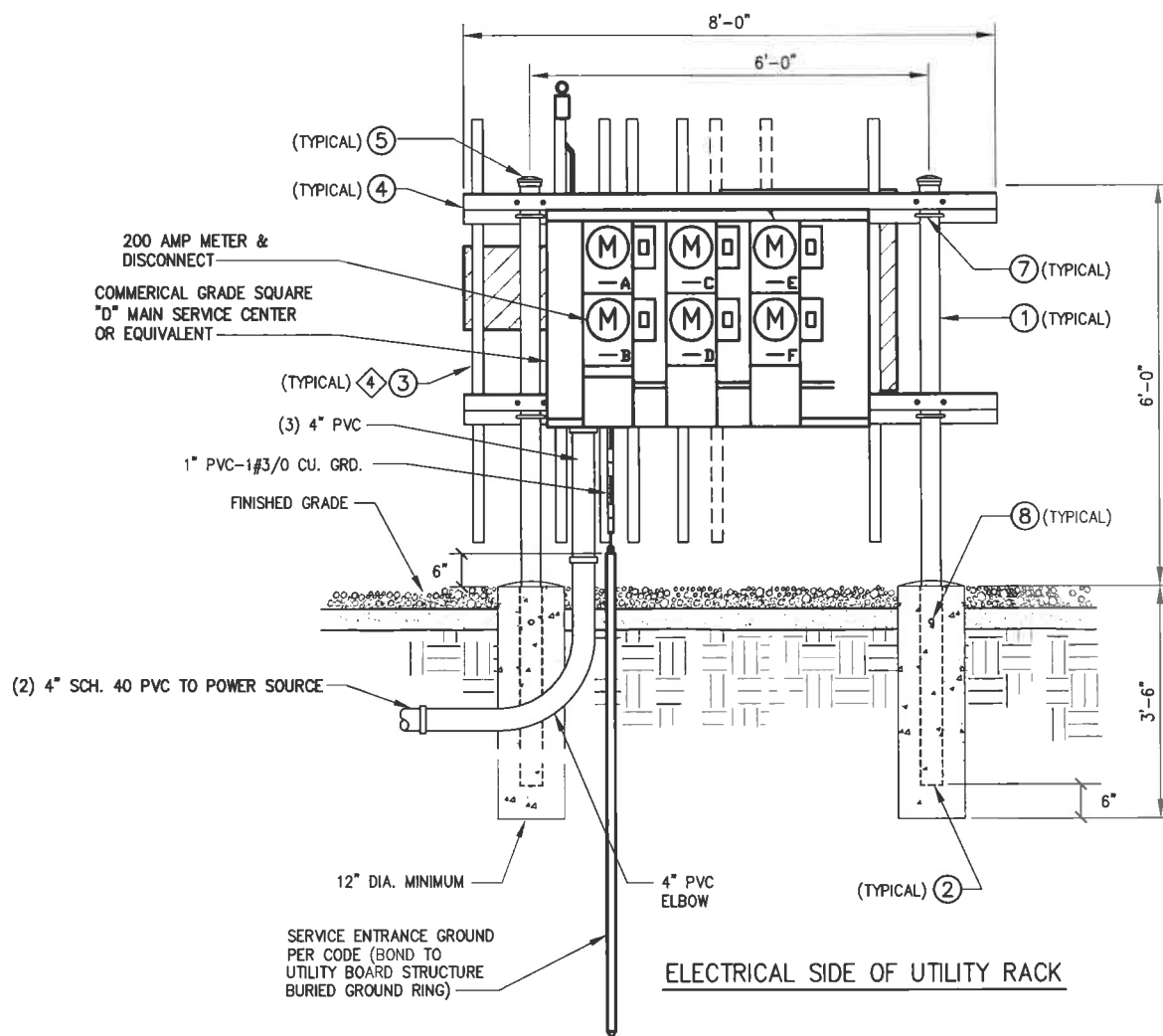
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Drawing Scale: **AS NOTED**
 Date: **3/25/11**
ZD

Drawing Title
ELEVATION VIEW & DETAILS

Drawing Number
Z6

infinitig
 engineering
 11 Herbert Drive
 Latham, NY 12110
 OFFICE: (518) 690-0790
 FAX: (518) 690-0793



PARTS LIST - O.F.C.I.		
ITEM	DESCRIPTION	QTY.
①	84" x 3.5" O.D. PIPE	2
②	36" INSERT	2
③	VERTICAL MEMBER	9
④	HORIZONTAL MEMBER	4
⑤	3-1/2" O.D. PIPE CAP	2
* ⑥	3/8" ANGLE ADAPTOR	38
⑦	1/2 x 3-5/8 x 5" GALV. U-BOLT ASSY.	8
⑧	1/2 x 1-1/2" GALV. BOLT ASSY.	2
* ⑨	3/8 x 3/4" GALV. BOLT ASSY.	38
* ⑩	3/8" GALV. FLAT WASHER	38

* NOT SHOWN

+ TO PREVENT CORROSION, ENSURE THAT THE PIPE SLEEVE IS COMPLETELY BELOW GROUND LEVEL AND ENCASED IN CONCRETE.

1 UTILITY RACK DETAILS
-- NOT TO SCALE:

NOTES:

- UNLESS OTHERWISE NOTED, ALL UNDERGROUND PVC TO BE SCH 40.
 - ALL ABOVE GRADE PVC TO BE SCH 40. ALL CONNECTIONS TO BE SCH 40 PVC OR SEALTIGHT. VERIFY WITH CONSTRUCTION MANAGER PRIOR TO BID.
 - ALL WIRE CONNECTIONS & CONDUITS TO BE SUPPLIED BY CONTRACTOR UNLESS OTHERWISE NOTED OR SPECIFIED BY CONSTRUCTION MANAGER.
- ④ ADDITIONAL ANGLE ADAPTORS (NOT SHOWN) ARE USED TO MOUNT SERVICE BOXES TO THE VERTICAL MEMBERS.

engineering
11 Herbert Drive
Latham, NY 12110
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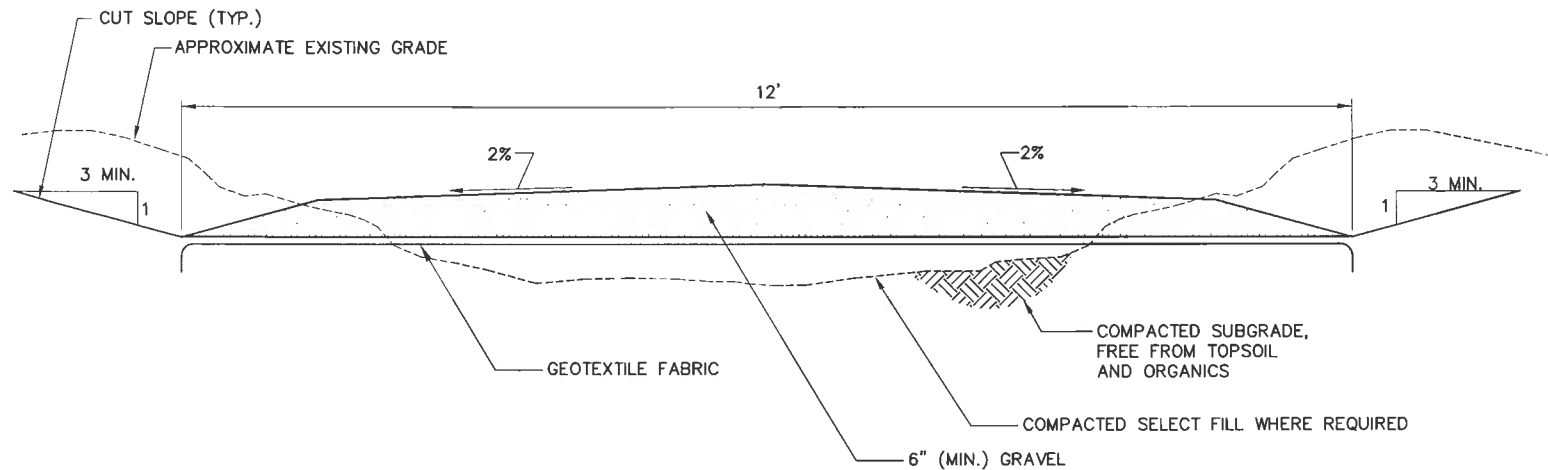
Project Number 226-015
Project Title
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655 BASSETT RD
WATERTOWN, CT 06795

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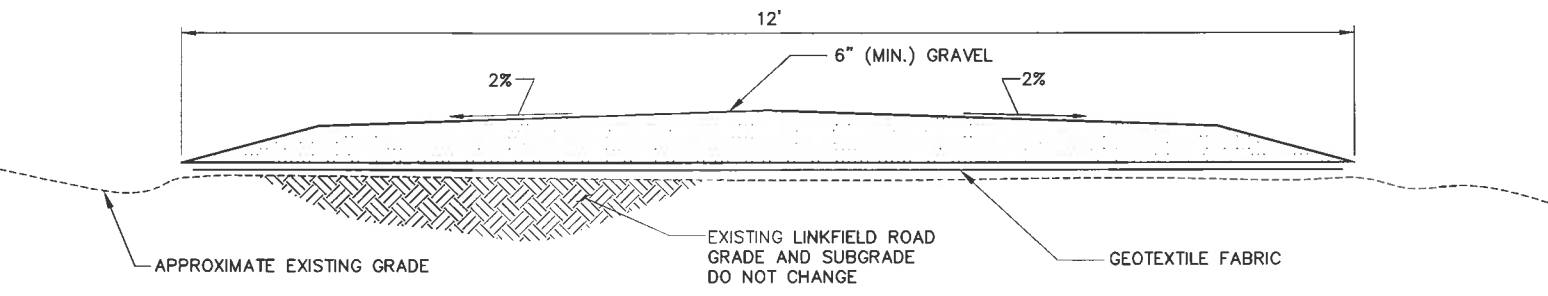
Drawing Scale: AS NOTED
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ZD

Drawing Title
DETAILS

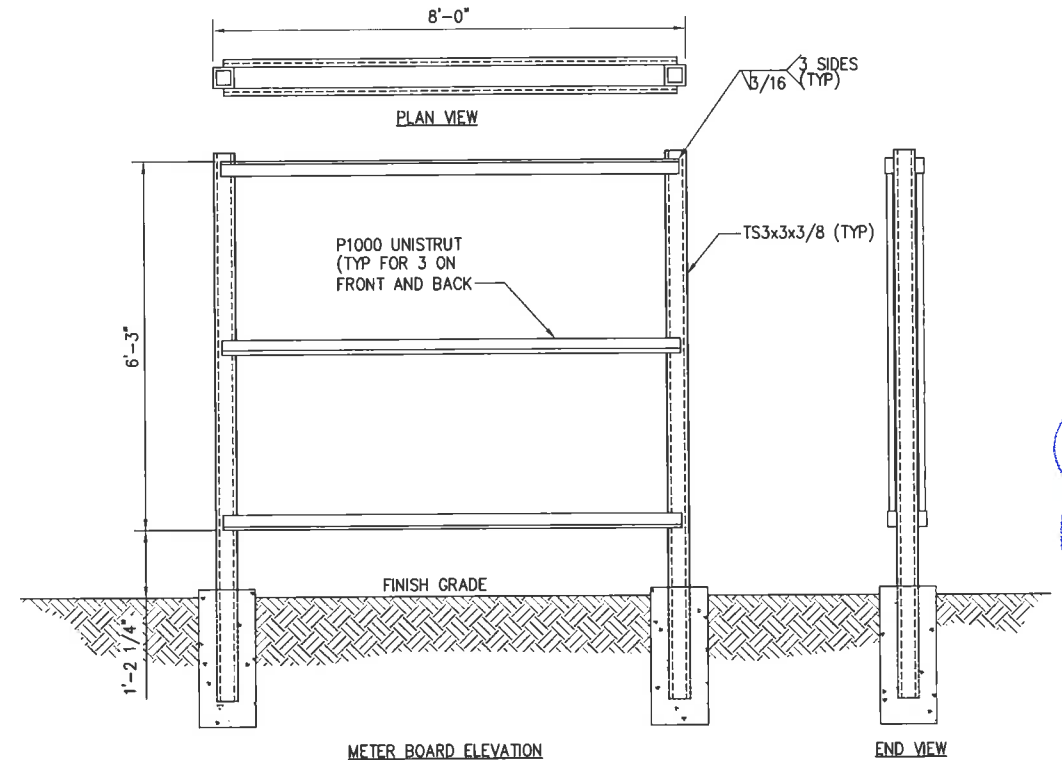
Drawing Number
Z7



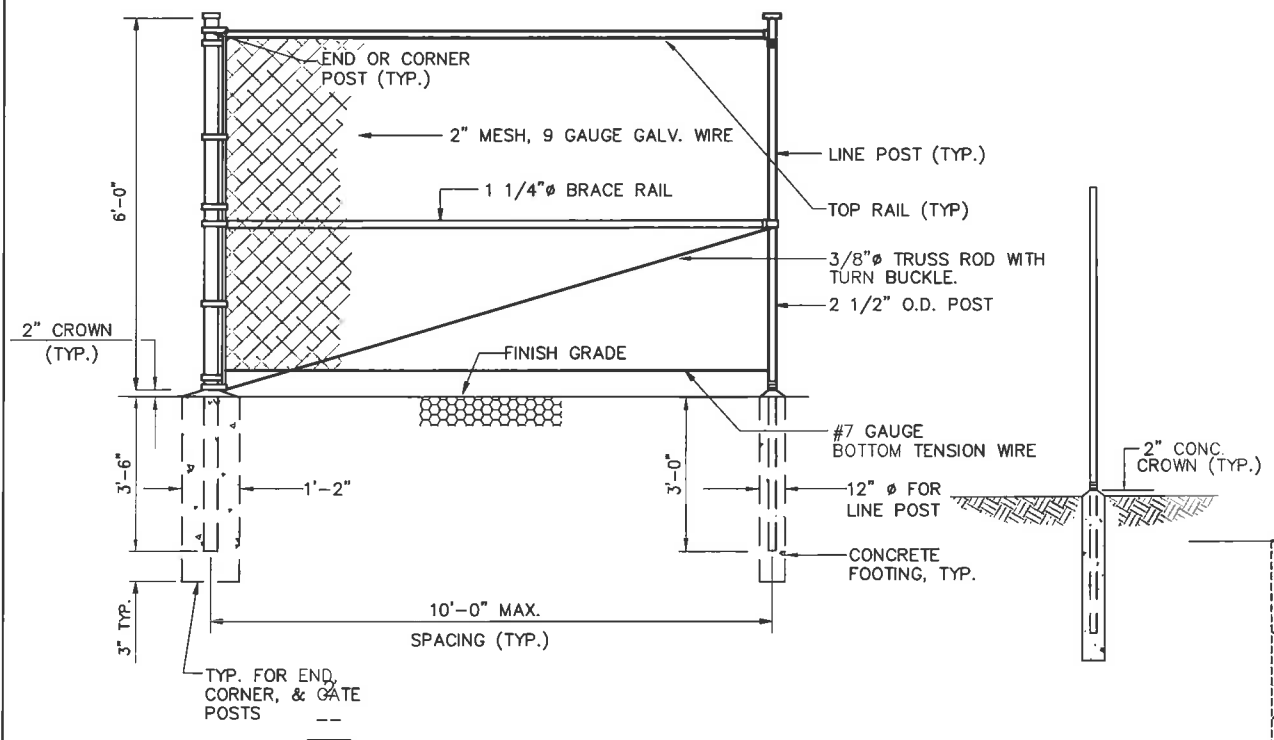
1 DRIVEWAY SECTION - CROWNED
 -- NOT TO SCALE



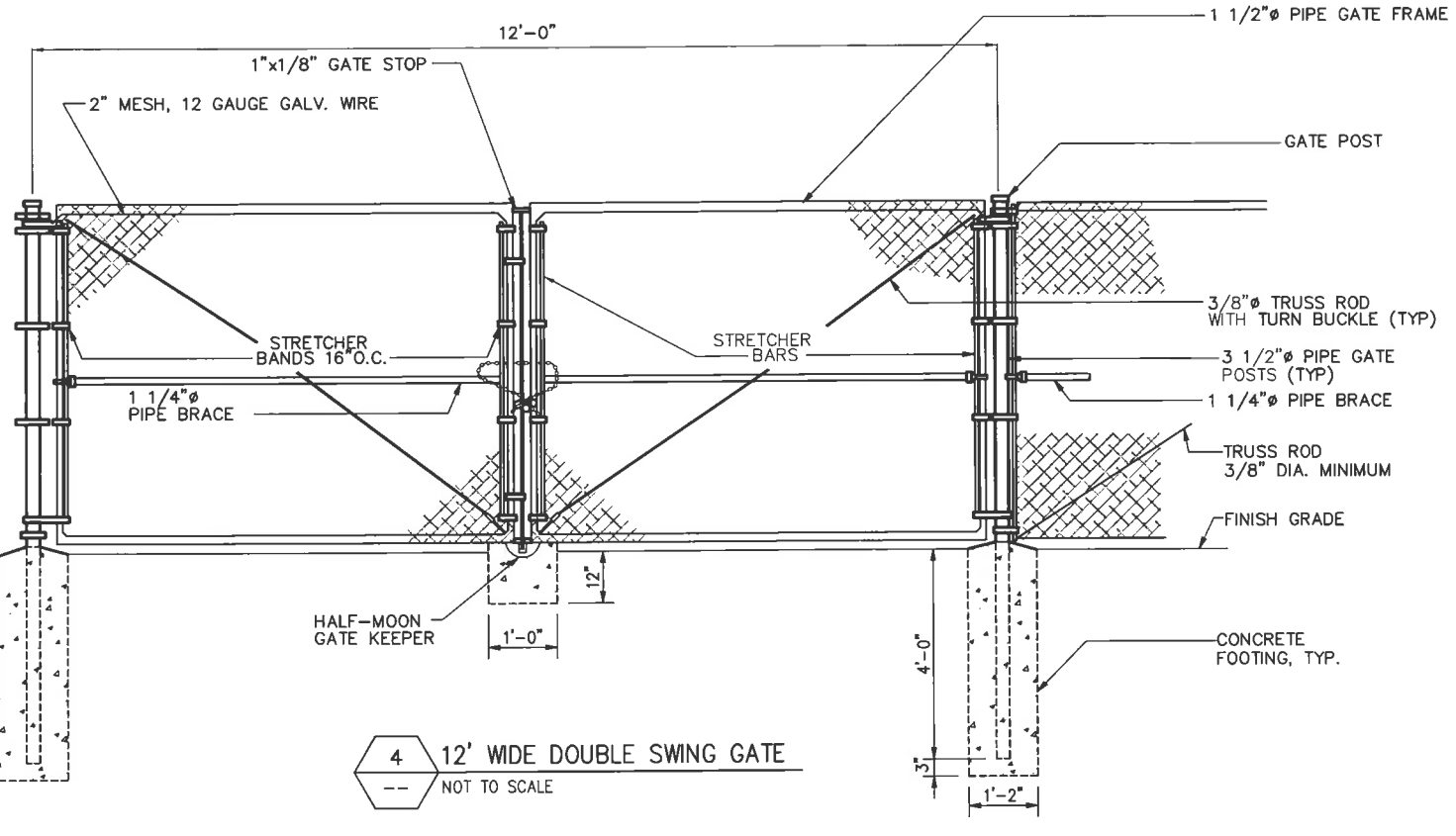
1A DRIVEWAY SECTION ON LINKFIELD ROAD - CROWNED
 -- NOT TO SCALE



3 8'-0" WIDE METER BOARD FABRICATION DETAIL
 -- NOT TO SCALE

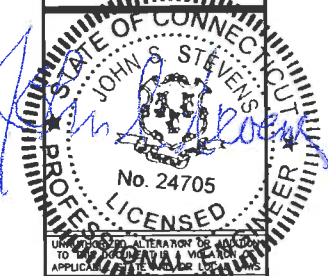


2 CHAIN LINK FENCE DETAIL (ELEVATION)
 -- NOT TO SCALE



4 12' WIDE DOUBLE SWING GATE
 -- NOT TO SCALE

infinity engineering
 11 Herbert Drive
 Latham, NY 12110
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 FAX: (518) 690-0793



No.	Submittal / Revision	App'd	Date
4	130' MONOPINE	AJD	2/24/12
3	REV ACCESS DRIVE	AJD	11/28/11
2	REVISED ABUTTERS MAP	AJD	7/26/11
1	REV PER COMMENT	BPM	3/25/11
0	FOR PERMIT	BPM	3/2/11

Drawn: BPM Date: 3/2/11
 Designed: AJD Date: 3/2/11
 Checked: AJD Date: 3/2/11

Project Number: 226-015
 Project Title: WATERTOWN CT1140
 655 BASSETT RD
 WATERTOWN, CT 06795

Prepared For: NORTH ATLANTIC TOWERS
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Drawing Scale: AS NOTED
 Date: 3/25/11

Drawing Title: **DETAILS**

Drawing Number: **Z8**



No.	Submittal / Revision	App'd	Date
4	130' MONOPRICE	AJD	2/24/12
3	REV ACCESS DRIVE	AJD	11/28/11
2	REVISED ABUTTERS MAP	AJD	7/26/11
1	REV PER COMMENT	BPM	3/25/11
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**WATERTOWN
CT1140**
655 BASSETT RD
WATERTOWN, CT 06795

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Drawing Scale:
AS NOTED
Date:
3/25/11

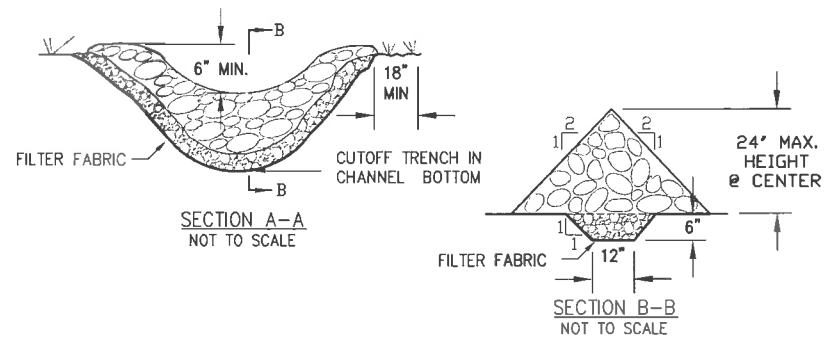
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Drawing Title:

DETAILS

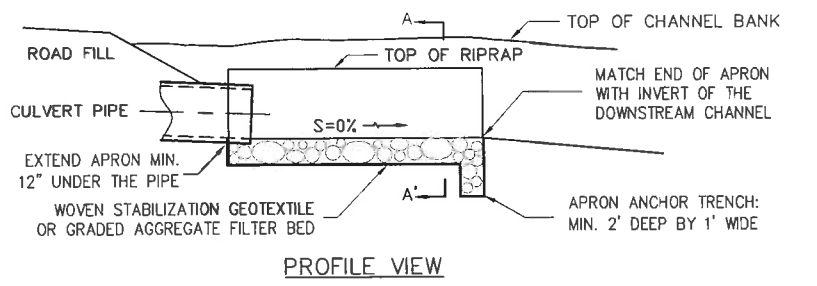
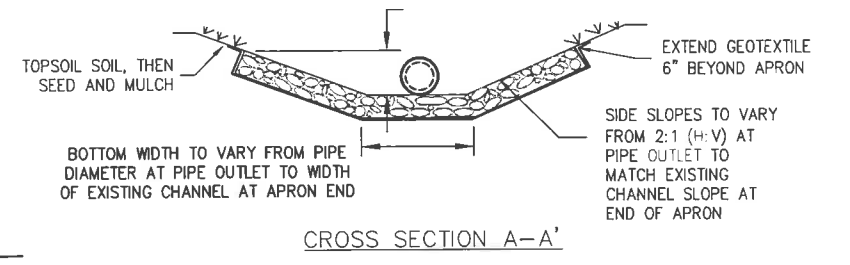
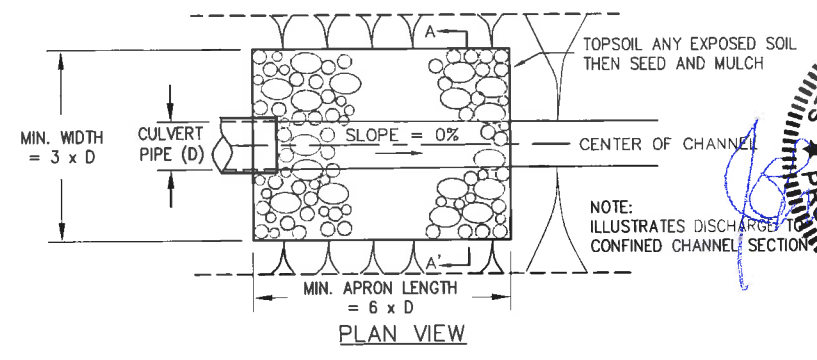
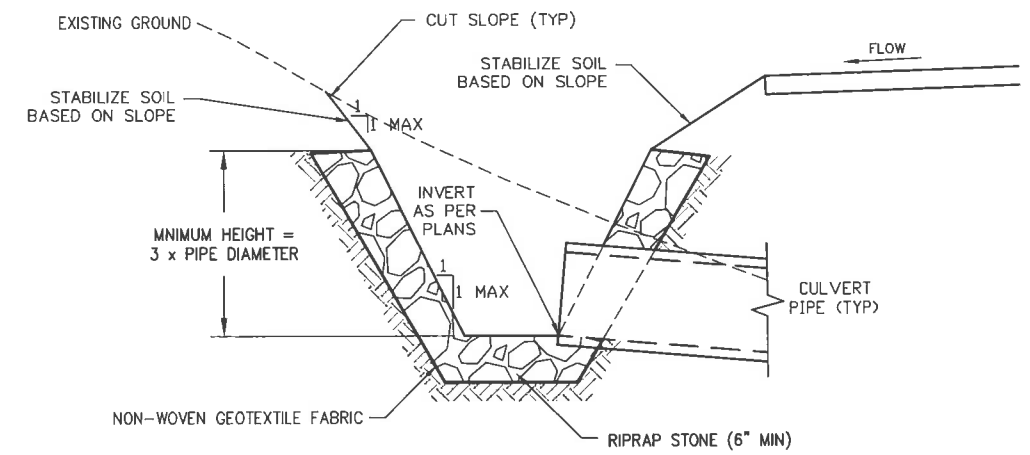
Drawing Number:

Z9

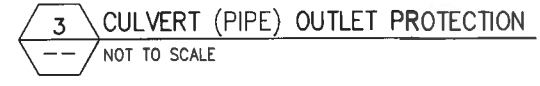


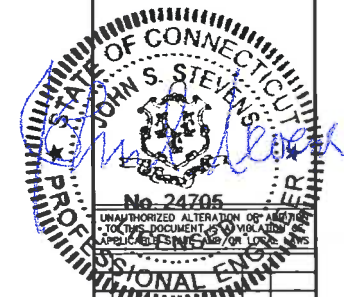
CONSTRUCTION SPECIFICATIONS

- STONE WILL BE PLACED ON A FILTER FABRIC LAYER IN THE TRENCH TO THE LINES, GRADES AND LOCATIONS SHOWN IN THE EROSION AND SEDIMENT CONTROL PLAN.
- EXTEND THE STONE A MINIMUM OF 18 INCHES BEYOND THE DITCH SIDE SLOPES TO PREVENT CUTTING AROUND THE DAM. ENSURE CREST IS 6" LOWER THAN SIDES.
- PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH A STONE SPLASH PAD OR EXTEND THE FILTER FABRIC LAYER.
- ENSURE THAT CHANNEL APPURTENANCES (i.e. CULVERTS OR CATCH BASINS) BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONE.
- MAINTENANCE - REMOVE ACCUMULATED SEDIMENT FROM BEHIND CHECK DAMS, REPAIR ANY SIDE SLOPES THAT HAVE ERODED, AND REPLACE ANY OF THE DISPLACED STONE.



NOTE:
MINIMUM DEPTH OF RIPRAP = MAXIMUM DEPTH OF CHANNEL FLOW (CULVERT DIAMETER OR CHANNEL DEPTH, WHICHEVER IS GREATER)
*SEE TABLE BELOW FOR APRON LENGTH AND WIDTH DIMENSIONS





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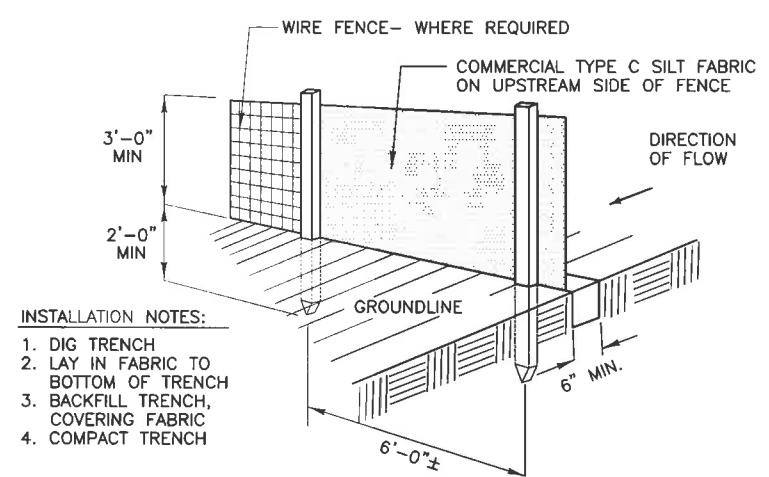
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Drawing Scale: AS NOTED
Date: 3/25/11
ZD

Drawing Title
DETAILS

Drawing Number
Z10

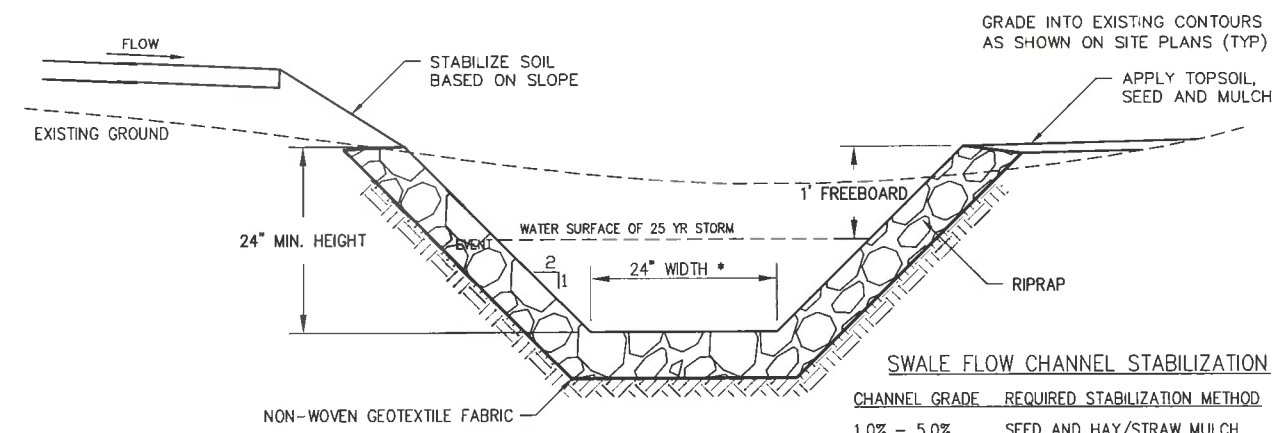


- INSTALLATION NOTES:**
1. DIG TRENCH
 2. LAY IN FABRIC TO BOTTOM OF TRENCH
 3. BACKFILL TRENCH, COVERING FABRIC
 4. COMPACT TRENCH

CONSTRUCTION NOTES FOR FABRICATED SILT FENCE

- | | |
|--|---|
| 1. WOVEN WIRE FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. | POSTS: STEEL EITHER T OR U TYPE. |
| 2. FILTER CLOTH TO BE FASTENED SECURELY TO WOVEN WIRE FENCE WITH TIES SPACED EVERY 24" AT TOP AND MID SECTION. | FENCE: WOVEN WIRE, 14 GA. 6" MAX. MESH OPENING. AS DIRECTED BY JURISDICTION |
| 3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED. | FILTER CLOTH: FILTER X, MIRAFI 100X, STABILINKA T140N OR APPROVED EQUAL. |
| 4. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULDGES" DEVELOP IN THE SILT FENCE. | PREFABRICATED UNIT: GEOFAB, ENVIROFENCE OR APPROVED EQUAL. |
| 5. ALL SILT FENCE MATERIALS MUST BE LISTED ON THE CURRENT STATES D.O.T. QUALIFIED PRODUCTS LIST | |

1 SILT FENCE DETAIL
NOT TO SCALE



SWALE FLOW CHANNEL STABILIZATION

CHANNEL GRADE	REQUIRED STABILIZATION METHOD
1.0% - 5.0%	SEED AND HAY/STRAW MULCH
5.0% - 12.0%	SEED AND ROLLED EROSION CONTROL MAT
12.0% - 20.0%	6" STONE

2 CROSS SECTION
NOT TO SCALE

2 ROADSIDE SWALE
NOT TO SCALE

* SEE GRADING PLAN FOR LOCATIONS OF SWALES AND ADDITIONAL DIMENSIONS WITH ELEVATIONS