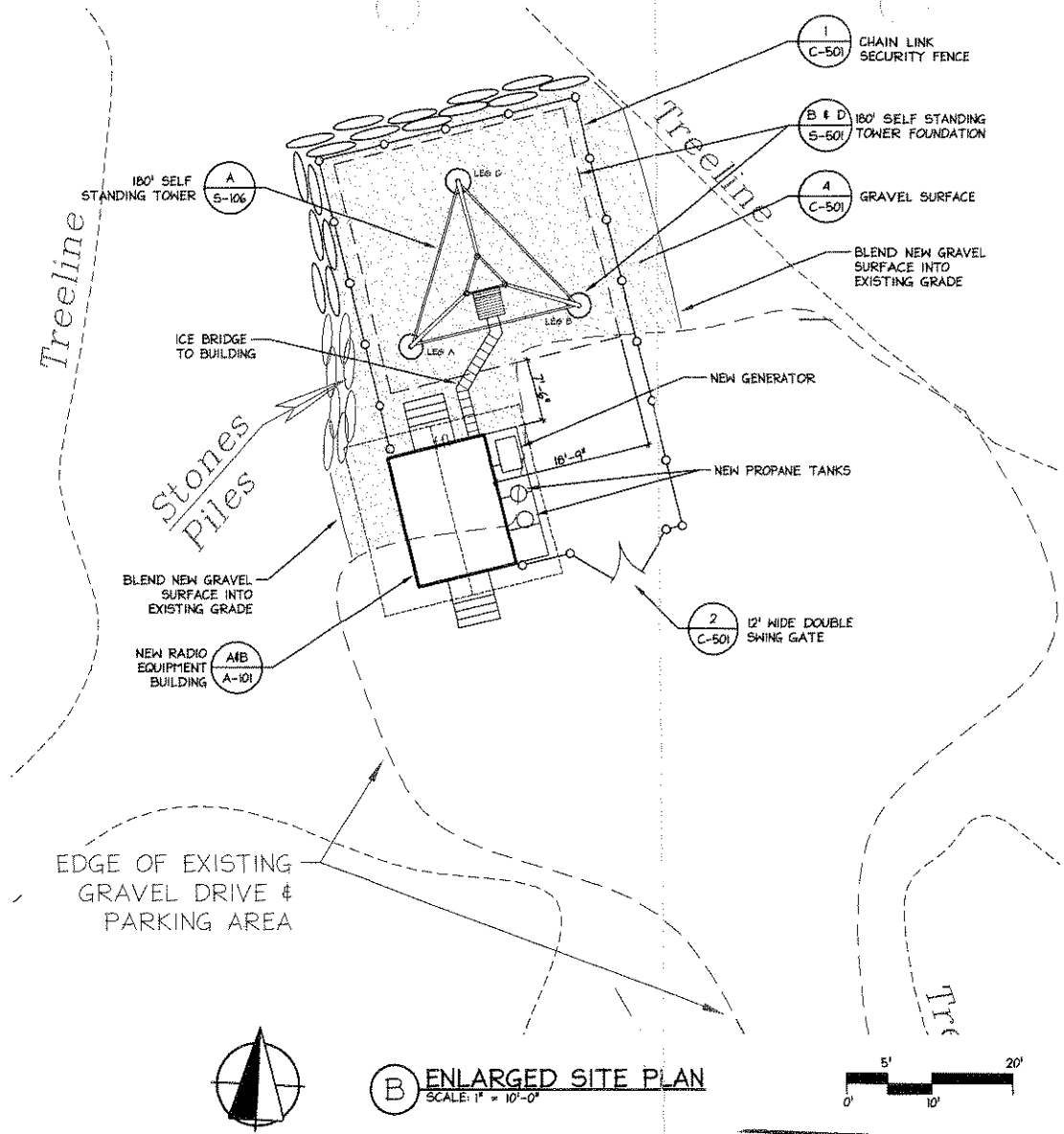
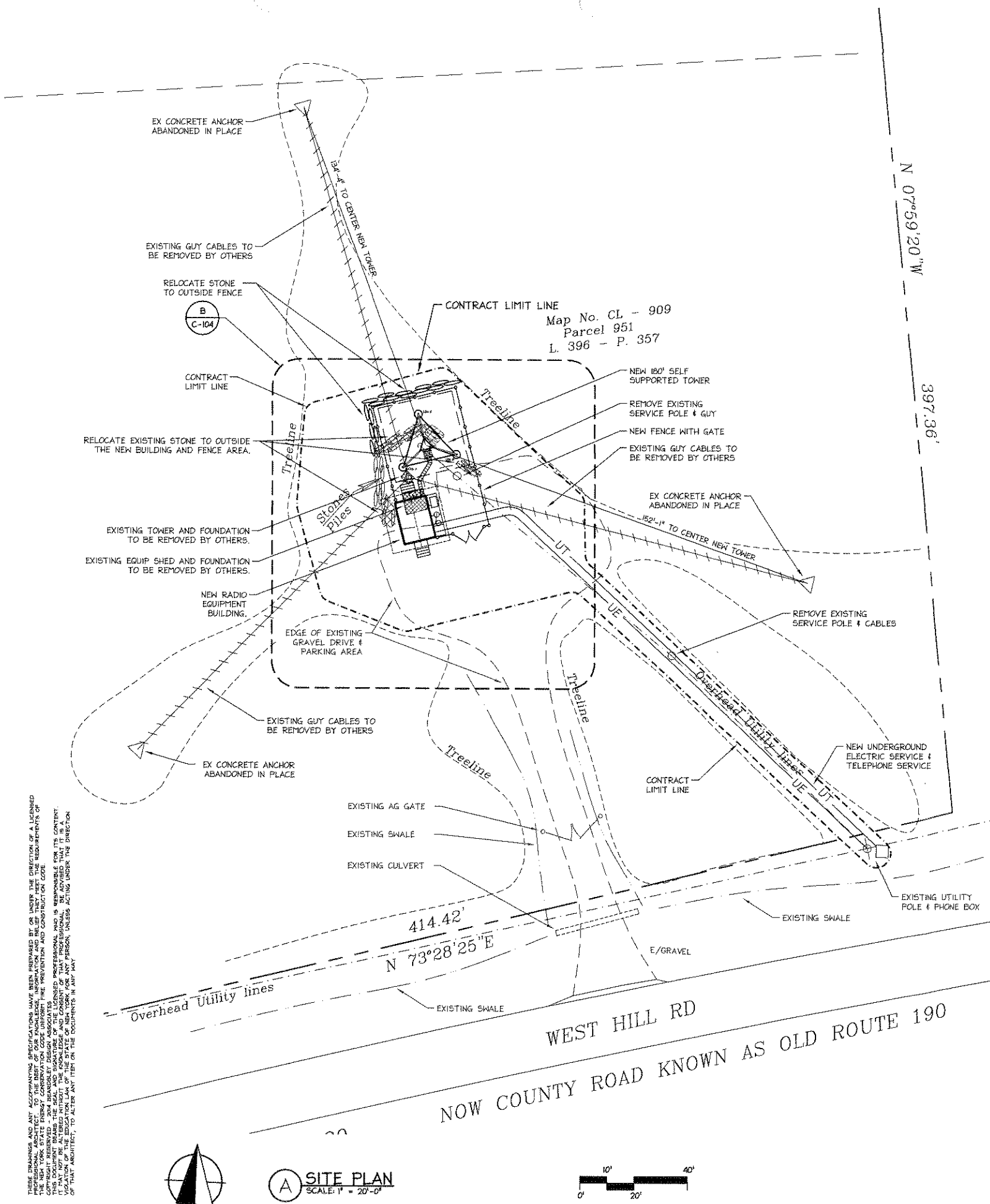


DATE	20 AUG 2014
REV	

BEARDSLEY DESIGN ASSOCIATES
 350 WEST MAIN STREET, SUITE 2, MALONE, NEW YORK 12053
 PHONE: (518) 488-1088 FAX: 488-1748

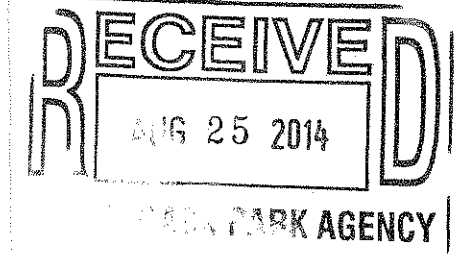
EMERGENCY SERVICES - 2014 TOWER UPGRADES
 FRANKLIN COUNTY, NY

C-106
 SITE PLAN
 WEST HILL
 LOCATION



SITE CONSTRUCTION NOTES

- TOP OF FOUNDATION ELEVATION SHALL BE ESTABLISHED IN THE FIELD. FOUNDATION AND SURROUNDING GRAVEL SURFACE SHALL BE GRADED TO DIRECT WATER AWAY FROM THE EXISTING BUILDING AND PROVIDE A MINIMUM 6" REVEAL FROM FINISH GRADE TO TOP OF FOUNDATION.
- TERMINATE ICE BRIDGE AT BUILDING WALL, ROUTE CABLES THROUGH BUILDING TO NEW RADIO EQUIPMENT. PROVIDE WATERTIGHT TRANSITION THROUGH BUILDING ENVELOPE.
- PROVIDE ABOVE GROUND PROPANE TANKS TO SERVE NEW EMERGENCY GENERATOR AND BUILDING. PROVIDE NEW 4" THICK CONCRETE PAD OVER 6" COMPACTED SUBBASE COURSE. RECONNECT SUPPLY PIPING AS REQUIRED.
- THE EXISTING TOWER AND BUILDING WILL BE REMOVED BY OTHERS PRIOR TO THE AWARD OF THIS CONTRACT.
- USE CURRENT BEST PRACTICES TO MAINTAIN PROPER EROSION CONTROLS. COMPLY WITH CURRENT REGULATIONS OF THE NYS DEC AND THE APA. INSTALL A SILT BARRIER FENCE ALONG THE CONTRACT LIMIT LINE (EXCEPT WHERE NEEDED FOR ACCESS) AND MAINTAIN THROUGHOUT CONSTRUCTION.



LEGEND

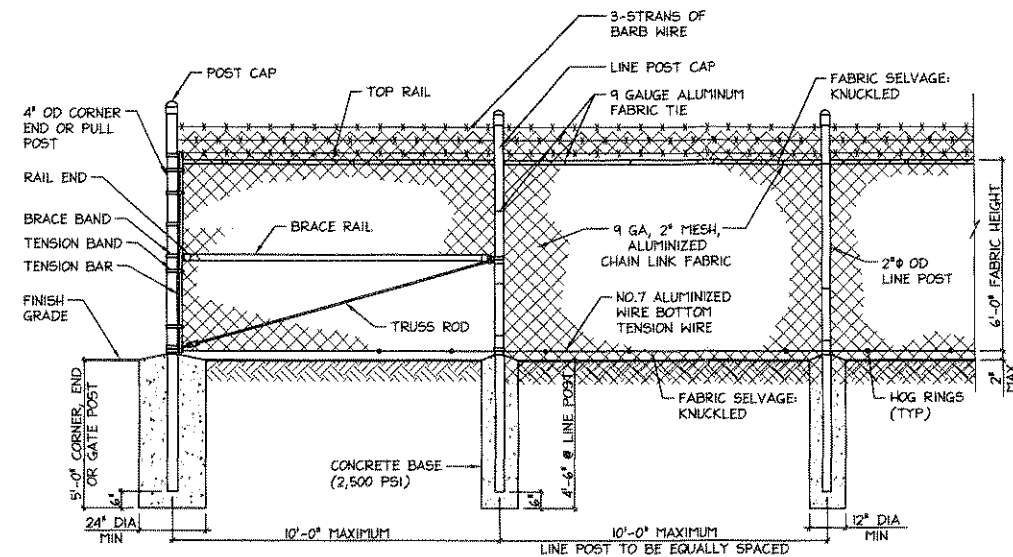
	CONTRACT LIMIT LINE
	EXISTING TO BE REMOVED
	PROPERTY BOUNDARY
	RIGHT-OF-WAY
	EX CONTOUR
	EX OVERHEAD UTILITY
	EX UTILITY POLE
	EX FENCE LINE
	EX WELL
	EX TOWER WITH GUY WIRES
	SECURITY FENCE
	GRAVEL SURFACE
	ICE BRIDGE

FINAL PLANS
 ADIRONDACK PARK AGENCY
 P. 2014 - 140
 DATE: February 4, 2015

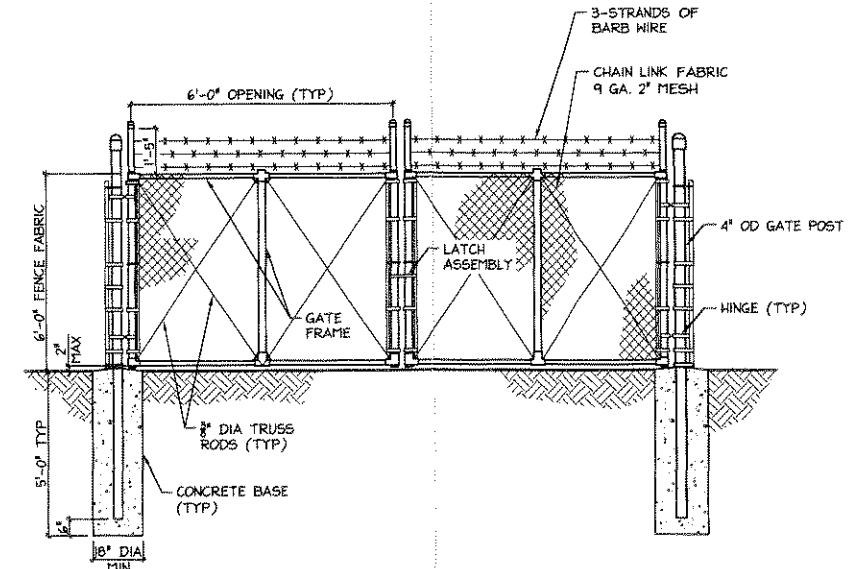
APA
 SUBMISSION
 August 21, 2014

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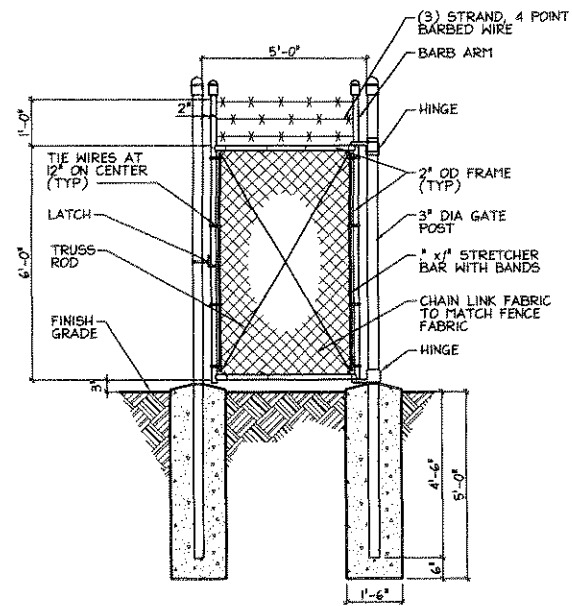


1 CHAIN LINK SECURITY FENCE
SCALE: NONE



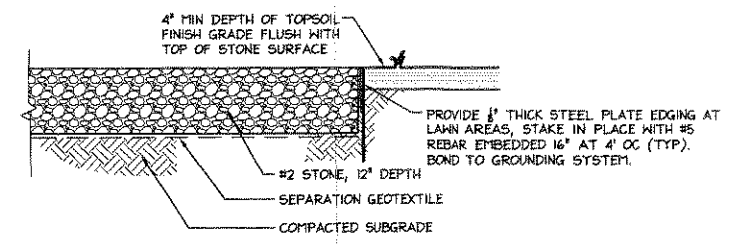
2 DOUBLE SWING GATE
SCALE: NONE

NOTE:
OMIT POST EXTENSION AND BARBED WIRE DETAIL ON FENCE AND GATE FOR WESTVILLE LOCATION



3 SINGLE SWING MAN GATE
SCALE: NONE

NOTES:
1. GATE POSTS SHOWN ARE TO ILLUSTRATE HINGE ATTACHMENT. SEE WRITTEN SPECIFICATIONS FOR SIZE AND WEIGHT.



4 GRAVEL SURFACE
SCALE: NONE

RECEIVED
AUG 25 2014
ONE NEW YORK AGENCY

BID DOCUMENTS
July 31, 2014

FINAL PLANS
ADIRONDACK PARK AGENCY
P 2014 - 140
DATE: February 4, 2015

DATE	BY	REV.
31 JULY 2014		

BEARDSLEY DESIGN ASSOCIATES
330 WEST MAIN STREET, SUITE 2, MALONE, NEW YORK 14858
PHONE: (618)-488-1000 FAX: 488-1740
EMERGENCY SERVICES - 2014 TOWER UPGRADES
FRANKLIN COUNTY, NY

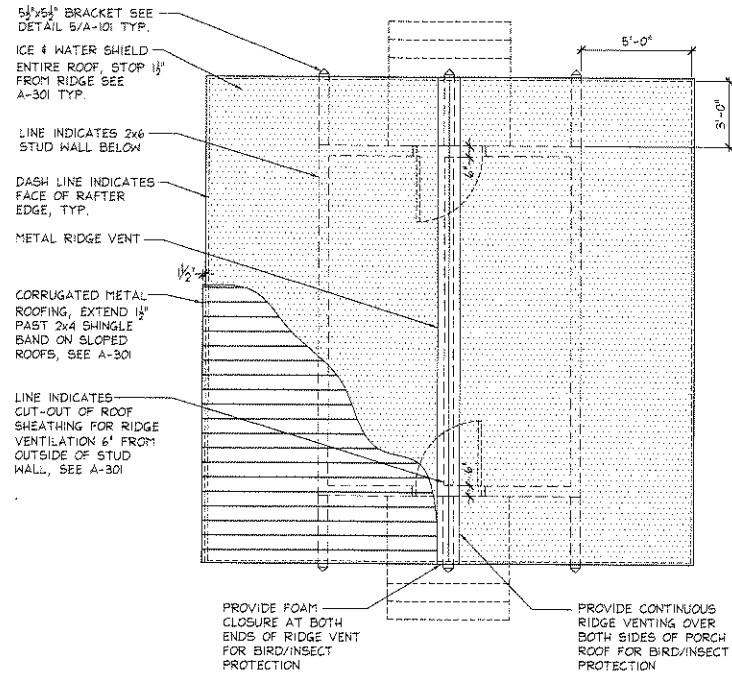
C-501
SITE DETAILS
SD4 14040

FOUNDATION NOTES:

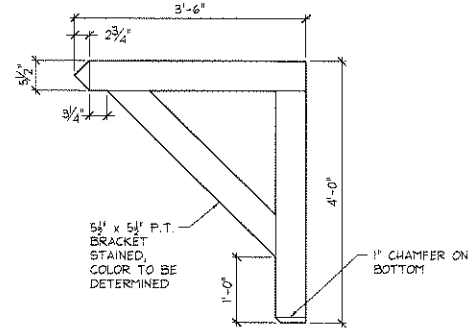
- FOUNDATION AND FOOTINGS ARE DESIGNED FOR A MINIMUM 2,000 P.S.F. UNDISTURBED SOIL BEARING CAPACITY. VERIFY THE EXISTING SOIL BEARING CAPACITY & PROVIDE COMPACTED STRUCTURAL FILL IF NEEDED.
- ANY STRUCTURAL FILL REQUIRED UNDER SLABS AND/OR FOOTINGS SHALL BE COMPACTED TO 98% PROCTOR DENSITY.
- FOUNDATION WALL AND FOOTING CONCRETE MIX IS TO MEET 3,000 PSI COMPRESSIVE STRENGTH AT 28 DAYS. PROVIDE INDEPENDENT TESTING LAB REPORTS TO VERIFY, UNLESS NOTED OTHERWISE.
- ALL REINFORCING STEEL IS TO BE DEFORMED BARS OF INTERMEDIATE GRADE NEW BILLET STEEL CONFORMING TO REQUIREMENTS OF ASTM SPEC. A-615 GE-40 (40000 PSI MIN. YIELD).
- COORDINATE WITH ALL TRADES. VERIFY REQUIREMENTS FOR PROPER INSTALLATION OF ANY SLEEVED THROUGH WALL AND/OR UNDER SLAB OR FOOTING WORK BY OTHER TRADES.

GENERAL STRUCTURAL NOTES:

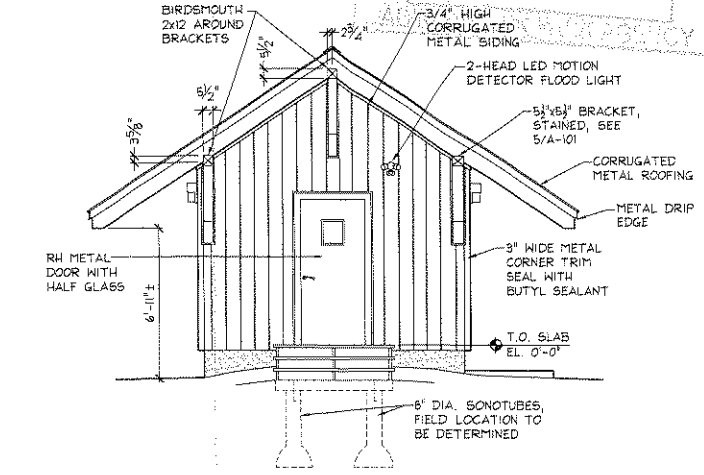
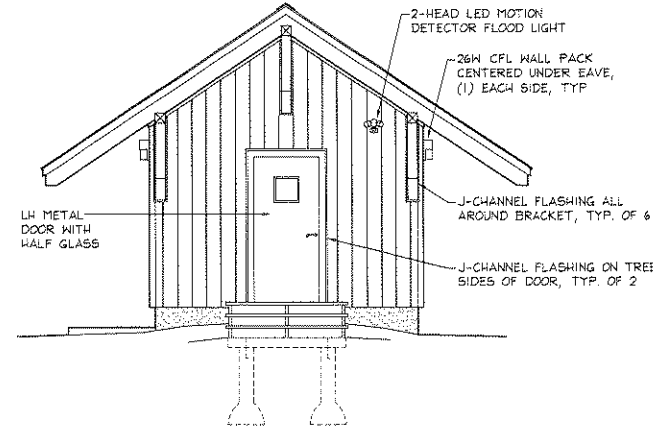
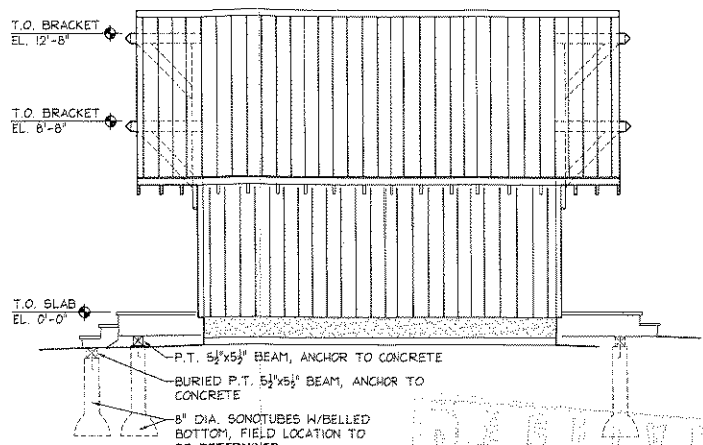
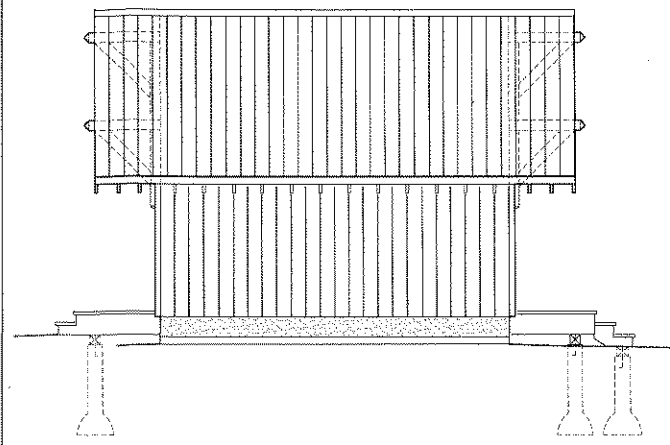
- FOUNDATION AND FOOTINGS ARE DESIGNED FOR A MINIMUM 2,000 P.S.F. BEARING CAPACITY OVER EXCAVATE FOOTING BEARING ELEVATION AND PROVIDE MINIMUM ONE FOOT COMPACTED CRUSHED STONE.
- EXCAVATION AND BACKFILL:
 - ALL FILL UNDER SLABS ON GRADE TO BE APPROVED GRANULAR FILL, COMPACTED TO 95% MODIFIED PROCTOR (ASTM D-1557). MINIMUM DEPTH OF FILL TO BE 1'-0".
- FOUNDATION WALL AND FOOTING CONCRETE MIX IS TO MEET 3,000 PSI COMPRESSIVE STRENGTH AT 28 DAYS. PROVIDE INDEPENDENT TESTING LAB REPORTS TO VERIFY, UNLESS NOTED OTHERWISE.
- REINFORCING:
 - DEFORMED BARS - ASTM A615, GRADE 60
 - WIRE MESH - ASTM A105, FLAT SHEET ONLY
- CONCRETE DETAILS:
 - MINIMUM COVER: FOOTINGS - 3"
 - PROVIDE ALL NECESSARY TIES, CHAIRS, SPACERS, ETC.
 - PROVIDE 6 x 6 - W2.9/W2.9 WELDED WIRE MESH IN ALL SLABS WHERE NO OTHER REINFORCING SHOWN.
 - CONTROL JOINTS ARE TO BE A MAXIMUM OF 24' O.C.
- COORDINATE WITH ALL TRADES. VERIFY REQUIREMENTS FOR PROPER INSTALLATION OF ANY SLEEVED THROUGH WALL AND/OR UNDER SLAB OR FOOTING WORK BY OTHER TRADES.
- REFERENCE DATUM ARE NOT RELATED TO SURVEY ELEVATIONS.
- WALL ANCHORS:
 - PERIMETER LOAD-BEARING WALLS 1/2" DIA GALVANIZED "J" ANCHOR BOLTS @ 4' O.C MAX AND 12" MAXIMUM FROM EACH END OF SILL PLATE. PROVIDE 12" MINIMUM EMBEDMENT ON EXTERIOR WALLS.



D ROOF PLAN SCALE: 1/4" = 1'-0"

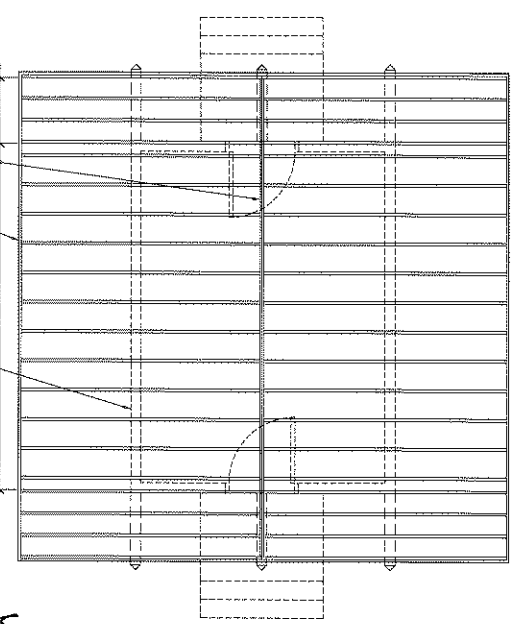


E BRACKET SCALE: 3/4" = 1'-0"

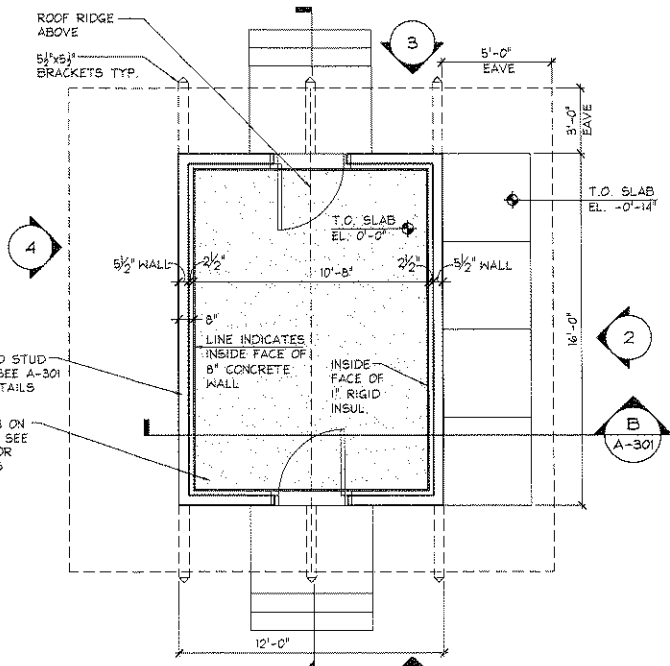


APA
2nd SUBMISSION
November 11th, 2014

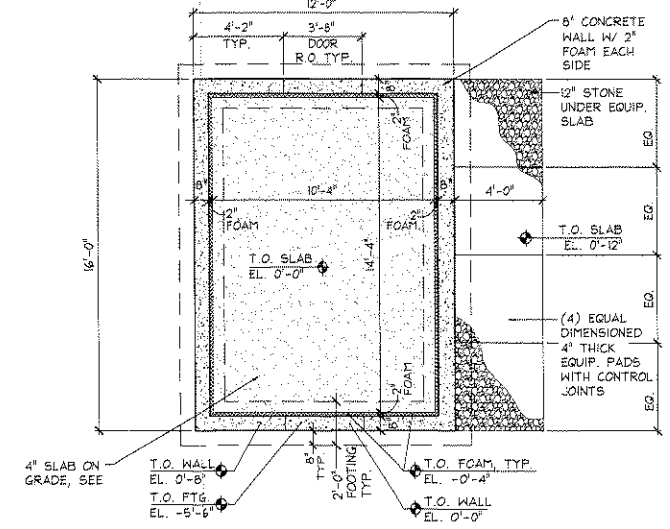
FINAL PLANS
ADIRONDACK PARK AGENCY
P 2014 - 140
DATE: February 4, 2015



C ROOF FRAMING PLAN SCALE: 1/4" = 1'-0"



B FLOOR PLAN SCALE: 1/4" = 1'-0"



A FOUNDATION PLAN SCALE: 1/4" = 1'-0"

DRWN	BTL	DATE	26 APR 2014
CHKD	XX	REV.	6 NOV 2014

BEARDSLEY DESIGN ASSOCIATES
330 WEST MAIN STREET, SUITE 2, MALDEN, NEW YORK 10865
PHONE: (516) 483-1685 FAX: 483-1748
EMERGENCY SERVICES - 2014 TOWER UPGRADES
FRANKLIN COUNTY, NY

A-101
EQUIP. BUILDING
FLOOR PLAN & ELEVATIONS
104 14046.000

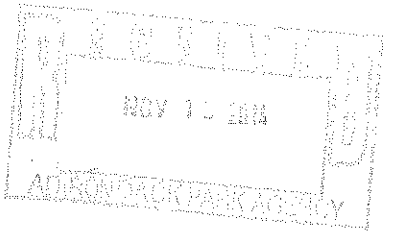
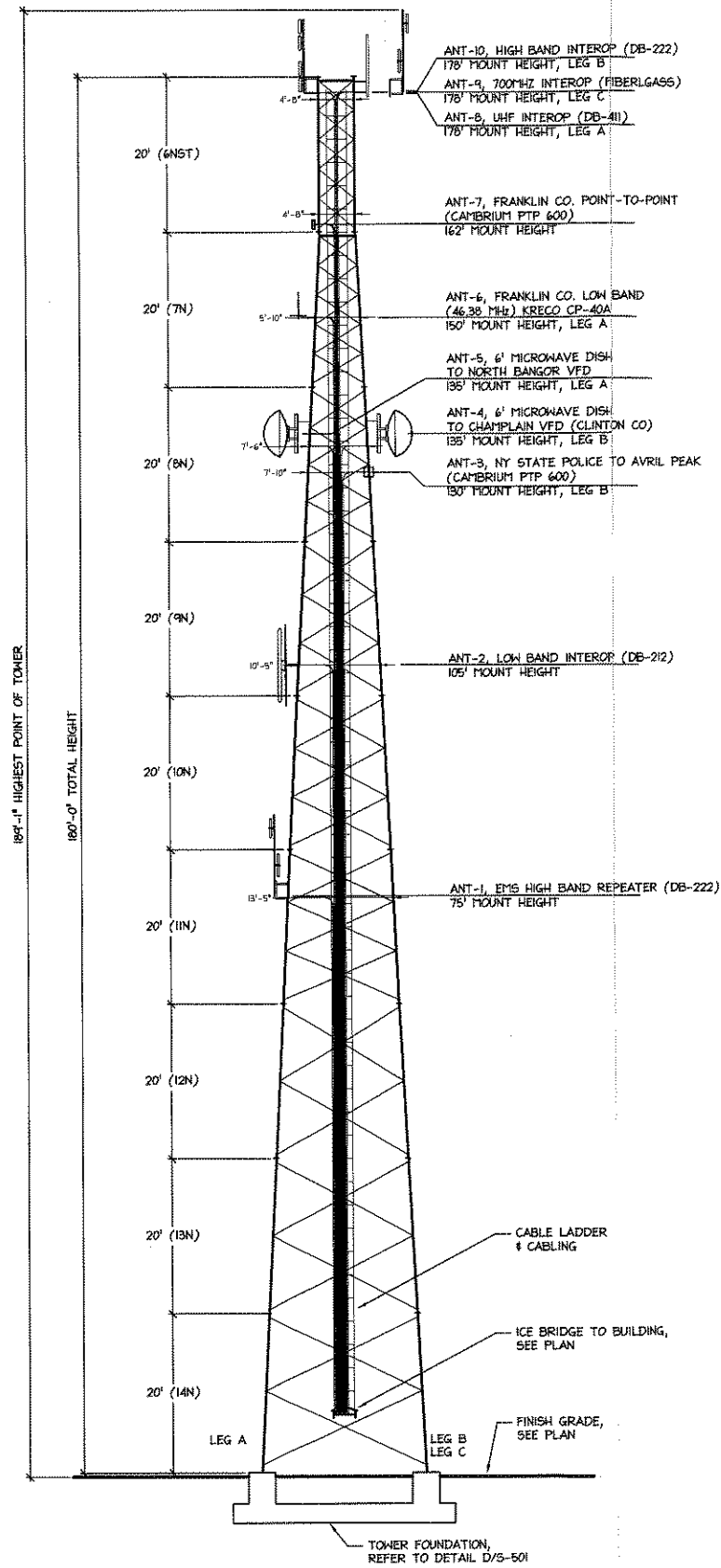
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ANTENNA SCHEDULE											
TAG	ANTENNA SERVICE	OWNER	MODEL	TYPE	MOUNTING HEIGHT (ABOVE GRADE TO LOWEST ATTACHMENT)	LEG	AZIMUTH DEG CW N	WEIGHT LBS	EPA SF	NOTES	TOWER WIDTH, LEG-LEG
ANT-1	EMS HIGH BAND REPEATER	FRANKLIN COUNTY	COMMSCOPE MODEL DB222	DOUBLE DIPOLE	75'-0"	A	-	16	1.6	1, 3	13'-5"
ANT-2	LOW BAND INTEROP	FRANKLIN COUNTY	COMMSCOPE MODEL DB212	SINGLE DIPOLE	105'-0"	A	-	15	1.5	1, 3	10'-5"
ANT-3	POINT-TO-POINT (NYSP)	FRANKLIN COUNTY	CAMBRIUM MODEL PTP 600	PANEL	130'-0"	B	157	12.1	1.5	5	7'-10"
ANT-4	MICROWAVE TO CLINTON CO	FRANKLIN COUNTY	RFS MODEL PAD6-W57BC751R	PARABOLIC DISH	135'-0"	B	71	190	34	2, 4	7'-6"
ANT-5	MICROWAVE TO N BANGOR VFD	FRANKLIN COUNTY	RFS MODEL PAD6-W57BC751R	PARABOLIC DISH	135'-0"	A	265	190	34	2, 4	7'-6"
ANT-6	LOW BAND INTEROP	FRANKLIN COUNTY	KRECO CP-40A	2 ELEMENT CO-LINEAR	150'-0"	A	-	11	0.5	1, 3	5'-10"
ANT-7	POINT-TO-POINT	FRANKLIN COUNTY	CAMBRIUM MODEL PTP 600	PANEL	162'-0"	A	273	12.1	1.5	5	4'-8"
ANT-8	UHF INTEROP	FRANKLIN COUNTY	COMMSCOPE MODEL DB411	QUAD DIPOLE	178'-0"	A	-	25	1.5	1, 3	4'-8"
ANT-9	700 MHZ INTEROP	FRANKLIN COUNTY	FIBERGLASS DIPOLE	SINGLE DIPOLE	178'-0"	C	-	-	-	1, 3	4'-8"
ANT-10	HIGH BAND INTEROP	FRANKLIN COUNTY	COMMSCOPE MODEL DB222	DOUBLE DIPOLE	178'-0"	B	-	16	1.6	1, 3	4'-8"

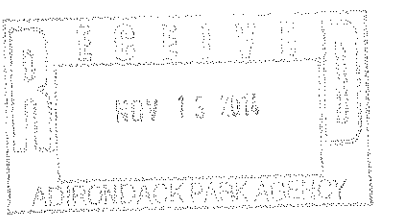
- NOTES:
1. PROVIDE SIDE MOUNT KIT
 2. PROVIDE MOUNTING BRACKET WITH 4.5" MOUNTING POLE
 3. 3/4" COAXIAL CABLE FEED, 1.11 OD
 4. EN63 ELLIPTICAL WAVEGUIDE FEED, 1.16"x2.01" OD
 5. EXTERIOR RATED CAT5 CABLE FEED, 0.5" OD

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FINAL PLANS
 ADIRONDACK PARK AGENCY
 P. 2014-140
 DATE: February 4, 2015



APA
 2nd SUBMISSION
 November 11th, 2014

(A) 180-FOOT TOWER ELEVATION - WEST HILL LOCATION
 SCALE: NONE

DATE	REV	DATE
11/13/2014	1	22 JULY 2014
11/13/2014	2	5 NOV 2014

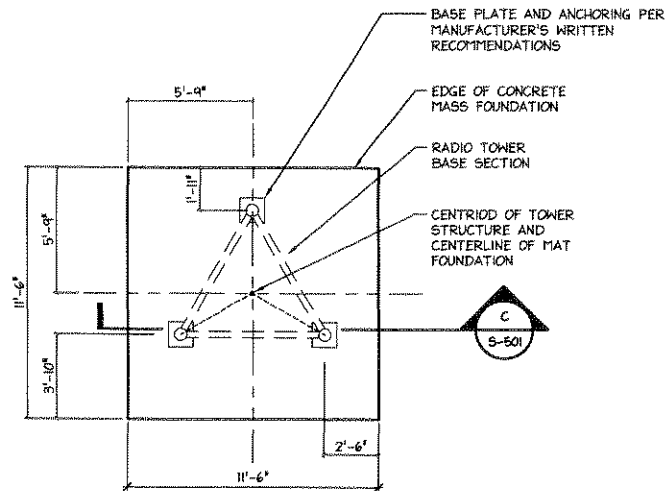
11/13/2014 - TOWER HEIGHT ADDED

BEARDSLEY DESIGN ASSOCIATES
 200 WEST MAIN STREET, SUITE 200, MALDEN, NEW YORK 12548
 PHONE: (518) 498-1885 FAX: 498-1748
 EMERGENCY SERVICES - 2014 TOWER UPGRADES
 FRANKLIN COUNTY, NY

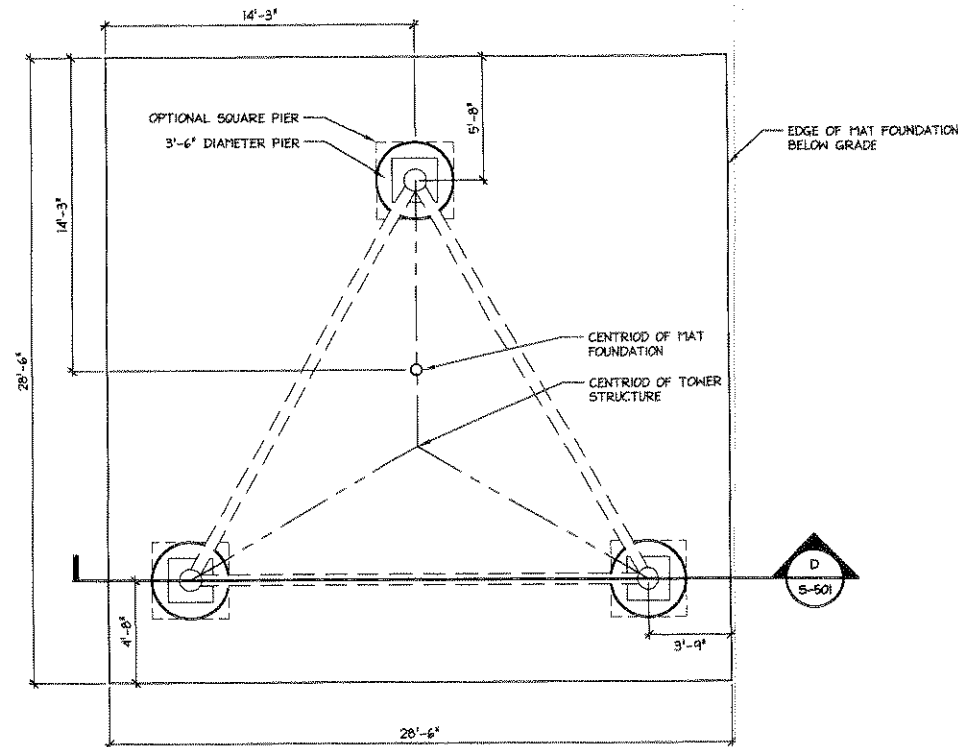
S-106
 TOWER ELEVATION
 WEST HILL LOCATION
 10/14/14

NOTE:

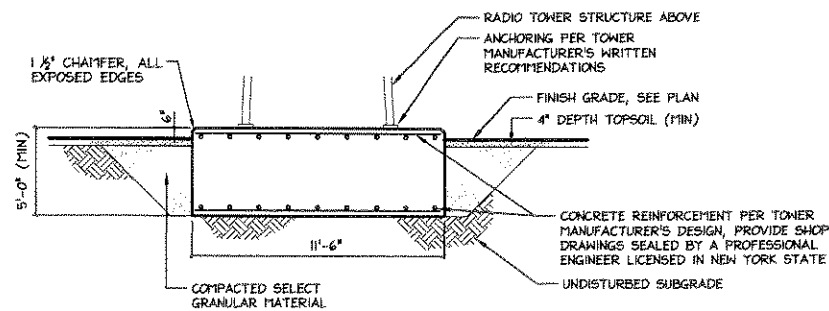
THE FOUNDATIONS DEPICTED ON THIS DRAWING ARE GENERIC IN NATURE AND ILLUSTRATE GENERAL INTENT ONLY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE FINAL FOUNDATION DESIGN IN ACCORDANCE WITH THE SITE SOIL CONDITIONS, ANTICIPATED TOWER LOADING, AND ALL APPLICABLE CODES AND STANDARDS.



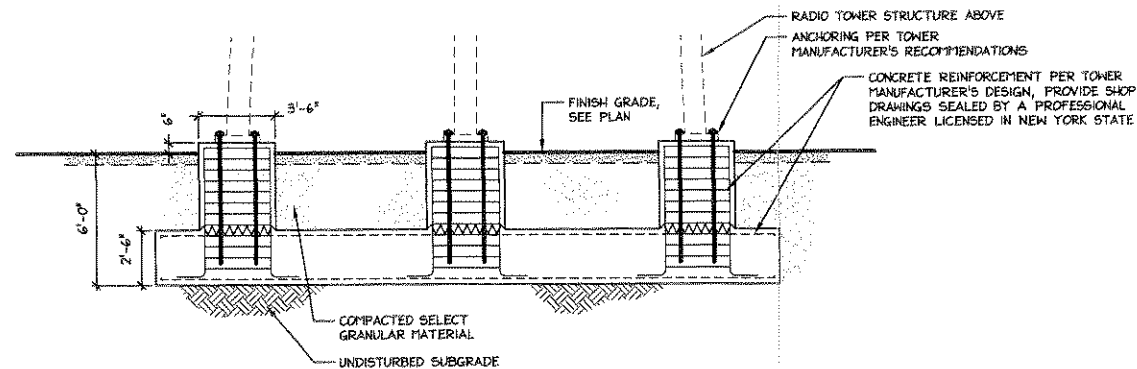
A 100-FOOT TOWER FOUNDATION PLAN
 SCALE: NONE
 BOMBAY LOCATION
 WESTVILLE LOCATION
 CHATEAUGAY LOCATION (ALTERNATE #1)



B 180-FOOT TOWER FOUNDATION PLAN
 SCALE: NONE
 BRANDON LOCATION

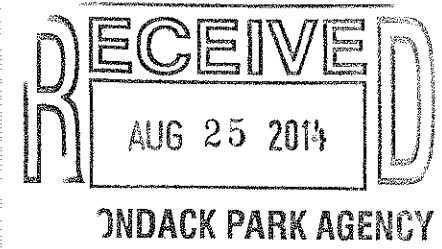


C 100-FOOT TOWER FOUNDATION SECTION
 SCALE: NONE
 BOMBAY LOCATION
 WESTVILLE LOCATION
 CHATEAUGAY LOCATION (ALTERNATE #1)



D 180-FOOT TOWER FOUNDATION SECTION
 SCALE: NONE
 BRANDON LOCATION

FINAL PLANS
 ADIRONDACK PARK AGENCY
 P. 2014 - 14D
 DATE: February 4, 2015

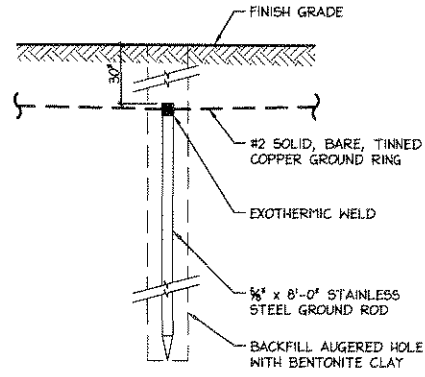


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DATE	BY	REV.
07 JULY 2014		

BEARDSLEY DESIGN ASSOCIATES
 800 WEST MAIN STREET, SUITE 2, MALDEN, NEW YORK 10958
 PHONE: (610) 688-1000 FAX: 407-1740
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 FRANKLIN COUNTY, NY

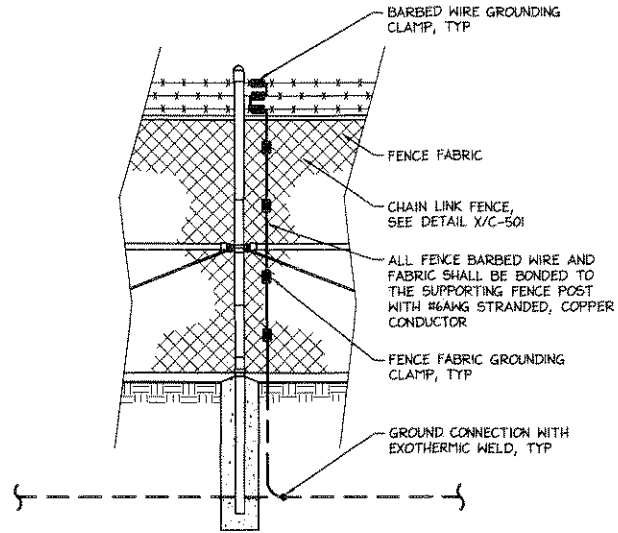
S-501
 STRUCTURAL
 DETAILS
 2014 14040



NOTES:

- GROUND RODS SHALL HAVE A MINIMUM LENGTH OF 8'-0" AND A MINIMUM DIAMETER OF 3/8" PER NEC 250.52.
- WHERE PRACTICAL, GROUND RODS SHALL BE BURIED BELOW PERMANENT MOISTURE LEVEL PER NEC 250.53.
- THE UPPER END OF THE GROUND RODS SHALL BE BURIED TO THE DEPTH OF GROUND RING TYPICALLY 30" MINIMUM BELOW FINISH GRADE.
- GROUND RODS SHALL NOT BE INSTALLED CLOSER TO ONE ANOTHER THAN THE SUM OF THEIR RESPECTIVE LENGTHS, WHEN POSSIBLE.

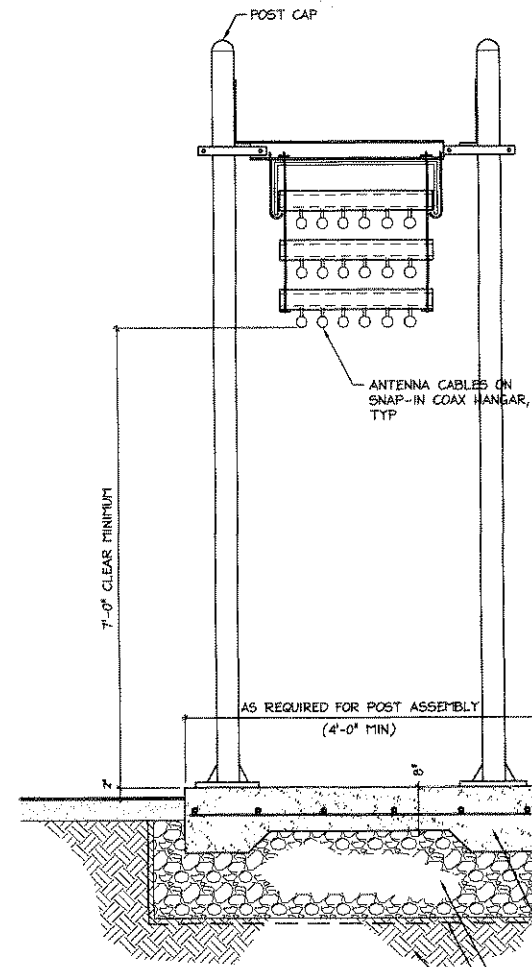
1 GROUND ROD
SCALE: NONE



NOTES:

- VERTICAL POSTS SHALL BE BONDED TO THE GROUND SYSTEM. AS A MINIMUM, ONE VERTICAL POST SHALL BE BONDED TO THE GROUND RING IN EVERY 100-FOOT STRAIGHT RUN OF FENCE.

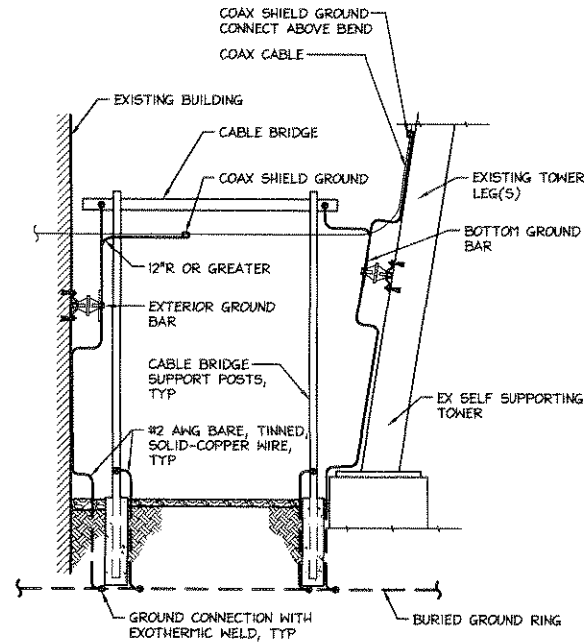
2 FENCE GROUNDING
SCALE: NONE



NOTES:

- PROVIDE CONTROL JOINTS AT A SPACING EQUAL TO THE SLAB WIDTH
- PROVIDE EXPANSION JOINTS SPACED AT 20' MAX AND ALIGNED WITH SPACING OF CONTROL JOINTS

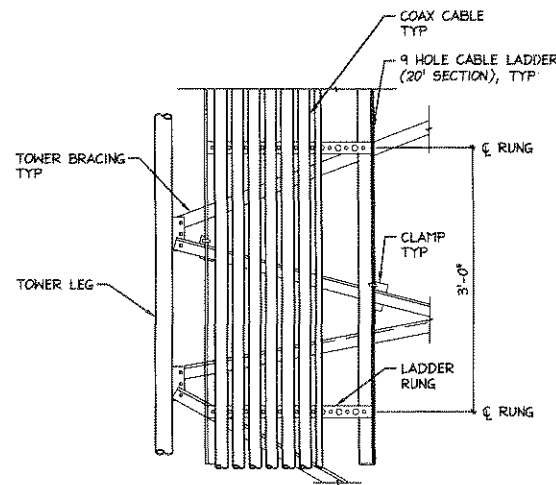
3 ICE BRIDGE
SCALE: NONE



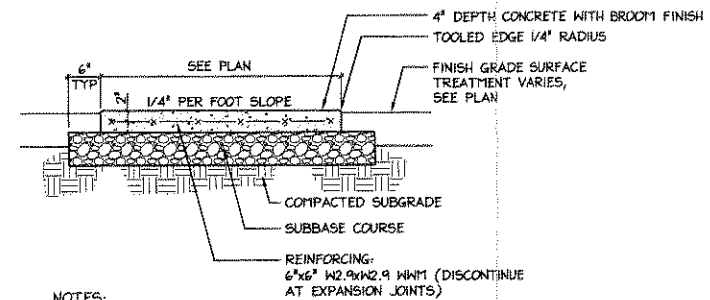
NOTES:

- CABLE BRIDGE MAY BE GROUNDED TO GROUND BAR OR THE SUPPORT POLES MAY BE GROUNDED TO THE BURIED GROUND RING.

4 ICE BRIDGE GROUNDING
SCALE: NONE



5 CABLE LADDER
SCALE: NONE

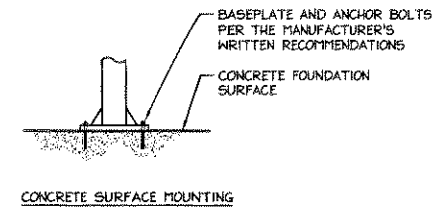


NOTES:

- PROVIDE 1/2" WIDE EXPANSION JOINTS, FILLER AS SPECIFIED-RECESS 1/4". FILL RECESS WITH SEALANT. EXPANSION JOINT SPACING NOT TO EXCEED 25'-0" IN ANY DIRECTION AND AT CONTACT WITH WALLS, STEPS, DOORS, OR OTHER VERTICAL SURFACES. EXPANSION JOINTS SHALL ALIGN WITH REGULAR PATTERN OF CONTROL JOINTS.
- PROVIDE BROOM FINISH PERPENDICULAR TO DIRECTION OF TRAFFIC.

6 CONCRETE PAVEMENT
SCALE: NONE

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FINAL PLANS
ADIRONDACK PARK AGENCY
P. 2014 - 140

DATE: February 4, 2015

BID DOCUMENTS
July 31, 2014

DATE	21 JULY 2014
REV.	

BEARDSLEY DESIGN ASSOCIATES
350 WEST MAIN STREET, SUITE 2, MALDEN, NEW YORK 12548
PHONE: (518)-488-1000 FAX: 488-1740

FRANKLIN COUNTY, NY

EMERGENCY SERVICES - 2014 TOWER UPGRADES

S-502
MISCELLANEOUS
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