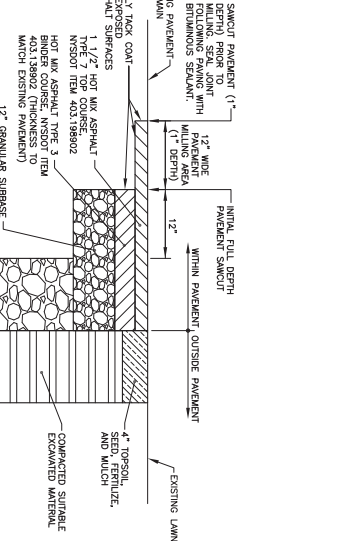
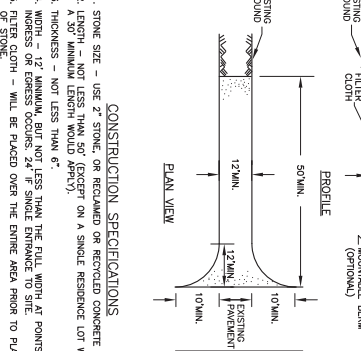
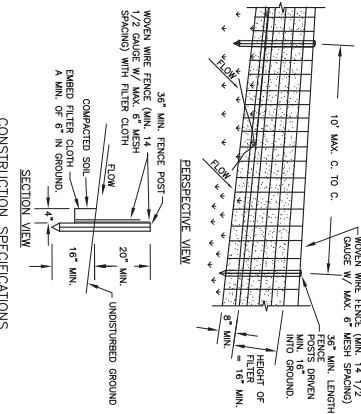


1 ASPHALT PAVEMENT  
GS301 NOT TO SCALE

2 ASPHALT PAVEMENT OVERLAY  
GS301 NOT TO SCALE

3 PAVEMENT TRANSITION  
GS301 NOT TO SCALE

4 CONCRETE SIDEWALK  
GS301 NOT TO SCALE



5 SILT FENCE  
GS301 NOT TO SCALE

6 STABILIZED CONSTRUCTION ENTRANCE  
GS301 NOT TO SCALE

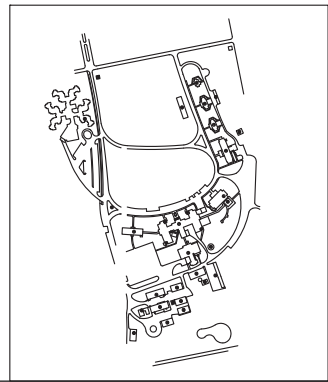
7 UTILITY TRENCH  
GS301 NOT TO SCALE

- CONSTRUCTION SPECIFICATIONS
1. WORKMEN FENCE TO BE FASTENED SECURELY TO FENCE POSTS WITH WIRE TIES OR STAPLES. POSTS SHALL BE STEEL EITHER "4" OR "6" TYPE OR HARDWOOD.
  2. FILTER CLOTH TO BE TO BE FASTENED SECURELY TO WORKMEN FENCE POSTS WITH WIRE TIES OR STAPLES. CLOTH SHALL BE 12" WIDE, 12" GAUGE, 6" MAXIMUM MESH OPENING.
  3. WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED 12" MINIMUM.
  4. PREPARED CLOTH SHALL BE GEOTEXTILE, NONWOVEN, OR APPROVED EQUIVALENT.
  5. MAINTENANCE SHALL BE PERFORMED AS NEEDED AND MATERIAL REMOVED WHEN "BULGES" DEVELOP IN THE SILT FENCE.

- CONSTRUCTION SPECIFICATIONS
1. STONE SIZE - USE 2" STONES OR EQUIVALENT EQUIVALENT.
  2. LENGTH - NOT LESS THAN 5' (EXCEPT ON A SINGLE RESIDENCE LOT WHERE 3' MINIMUM LENGTH WOULD APPLY).
  3. THICKNESS - NOT LESS THAN 6".
  4. WIDTH - 12" MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE STONE IS PLACED OVER THE DRIVE AREA PRIOR TO PLACING.
  5. FILTER CLOTH - WILL BE PLACED OVER THE DRIVE AREA PRIOR TO PLACING OF STONE.
  6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERGED TOWARD CONSTRUCTION SHALL BE DIVERTED TO THE DRIVE AREA PRIOR TO PLACING.
  7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PERMIT THE FREE FLOW OF TRAFFIC. WHEN THE DRIVE AREA IS NOT IN USE, THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PERMIT THE FREE FLOW OF TRAFFIC. WHEN THE DRIVE AREA IS NOT IN USE, THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PERMIT THE FREE FLOW OF TRAFFIC.
  8. STONE AND FILTER CLOTH SHALL BE REMOVED IMMEDIATELY AFTER CONSTRUCTION IS COMPLETED.
  9. PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

- CONSTRUCTION SPECIFICATIONS
1. HOT MIX ASPHALT TYPE 3 (THICKNESS AS REQUIRED FOR GRADE) - 2" MIN. (12" MIN. LENGTH).
  2. HOT MIX ASPHALT TYPE 3 (THICKNESS AS REQUIRED FOR GRADE) - 2" MIN. (12" MIN. LENGTH).
  3. HOT MIX ASPHALT TYPE 3 (THICKNESS AS REQUIRED FOR GRADE) - 2" MIN. (12" MIN. LENGTH).
  4. HOT MIX ASPHALT TYPE 3 (THICKNESS AS REQUIRED FOR GRADE) - 2" MIN. (12" MIN. LENGTH).
  5. HOT MIX ASPHALT TYPE 3 (THICKNESS AS REQUIRED FOR GRADE) - 2" MIN. (12" MIN. LENGTH).
  6. HOT MIX ASPHALT TYPE 3 (THICKNESS AS REQUIRED FOR GRADE) - 2" MIN. (12" MIN. LENGTH).
  7. HOT MIX ASPHALT TYPE 3 (THICKNESS AS REQUIRED FOR GRADE) - 2" MIN. (12" MIN. LENGTH).
  8. HOT MIX ASPHALT TYPE 3 (THICKNESS AS REQUIRED FOR GRADE) - 2" MIN. (12" MIN. LENGTH).
  9. HOT MIX ASPHALT TYPE 3 (THICKNESS AS REQUIRED FOR GRADE) - 2" MIN. (12" MIN. LENGTH).

KEY PLAN  
SCALE: NONE



Revisions	Date

VA WESTERN NEW YORK HEALTHCARE SYSTEM  
222 RICHMOND AVENUE  
BATAVIA, NEW YORK 14020

**EC4B**  
Engineering & Construction  
1150 ROUTE 100  
SUITE 200  
BATAVIA, NY 14020  
Phone: (585) 447-2775  
Fax: (585) 447-2775  
www.ec4b.com

stamp

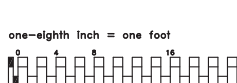
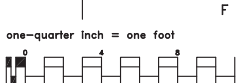
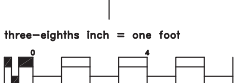
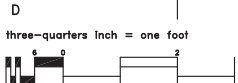
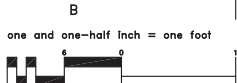
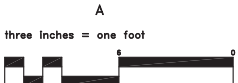
**THORNTON**  
ARCHITECTS  
200 WESTERN AVENUE  
SUITE 200  
BATAVIA, NY 14020  
Phone: (585) 447-2775  
Fax: (585) 447-2775  
www.thorntonarch.com

CARDIOLOGY MANAGER	DATE	ENGINEERING MANAGER	DATE
INFECTION CONTROL	DATE	CARELINE MANAGER	DATE
SAFETY OFFICER	DATE	CHIEF OF STAFF	DATE

Drawing Title		Project Title	
MISCELLANEOUS DETAILS		VA BATAVIA EMERGENCY POWER UPGRADES	
MEDICAL CENTER DIRECTOR	DATE	Building Number	Checked
ASSOCIATE MEDICAL CENTER DIRECTOR	DATE	1	gft
			Drawn
			hkt

Date: April 23, 2014  
Station No.: 688-13-201  
13-201-GS301





GENERAL NOTES

- Coordinate foundation plan and details with the Contracting Officer, approved generator enclosure dimensions, weights, and base reactions. The Contractor shall not scale the drawings to establish dimensions. All dimensions shall be checked onsite prior to assembly or construction of the generator enclosure.
- The Contractor shall not scale the drawings to establish dimensions. All dimensions shall be checked onsite prior to assembly or construction of the generator enclosure.
- The Contractor shall not scale the drawings to establish dimensions. All dimensions shall be checked onsite prior to assembly or construction of the generator enclosure.

CONCRETE NOTES

- Concrete shall be placed and finished in accordance with the specifications and shall conform to ACI 301, 302, 306, 308, 315, and 318, and 308R specifications.
- Latent erosion and/or weather of all codes and reference standards shall be followed.
- Concrete shall develop a minimum compressive strength of 4,000 psi at 28 days. Slump shall be 3 1/2" ± 1".
- Concrete shall be of antichloride cement shall be Portland Cement conforming to ASTM C150, Type I, and shall be free of chlorides. The concrete shall conform to ASTM C260. Air content (by volume) shall not be less than 6.5% and shall depend on maximum aggregate size.
- No admixture shall contain calcium chloride based compounds. Fly ash and pozzolan content shall not exceed 20% by weight of cement.
- Reinforcing bars shall conform to ASTM A615 Grade 60 specifications.
- Lap splices in reinforcing bars in accordance with the table below.
- Concrete protection for reinforcing bars (unless otherwise noted):
  - Formwork: 1/2" polystyrene or sides, 2" top
  - Formed slabs: 1/2" polystyrene or sides, 2" top
  - Formed slabs: 1/2" polystyrene or sides, 2" top
- Reinforcing bars shall be installed in accordance with the specifications and shall be approved in writing by the Contracting Officer.
- Anchor bolts shall be carbon steel conforming to ASTM F1554 specifications, with heavy hex nuts and washers, bolts, nuts, and washers shall be galvanized steel and shall be installed in accordance with the specifications unless otherwise specified, and shall be accurately placed using templates.
- Grout in drilled holes for anchor bolts and reinforcing steel dowels, when mixed with water, will hydrate rapidly to produce a permanent surface of grout, and installation shall be followed by a hole size.
- Exposed edges shall have 3/4" chamfer.
- Welded steel fabric shall conform to ASTM A62 and A165 specifications.
- Joint sealant shall be one component polyurethane sealant.

LAP SPICE LENGTHS (IN)			
BAR SIZE	TOP BARS		OTHERS
	A	B	A
#3 (10)	19	24	15
#4 (13)	25	32	19
#5 (16)	31	40	24
#6 (19)	37	48	29
#7 (22)	54	70	42
#8 (25)	62	80	48
#9 (28)	70	91	54
#10 (32)	79	102	61
#11 (36)	87	113	67

LAP SPICE NOTES

- Bar sizes in parentheses (1) are corresponding metric sizes.
- Lap splices shall be Class B splices except one-half or less of total reinforcement. It shall be spliced within a lap length.
- Top bars are horizontal bars with more than 12" of concrete above them.

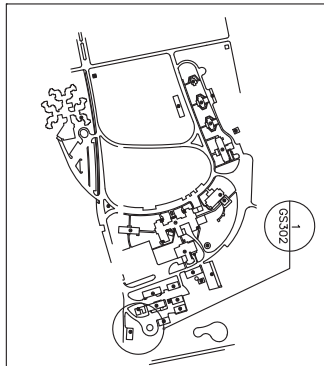
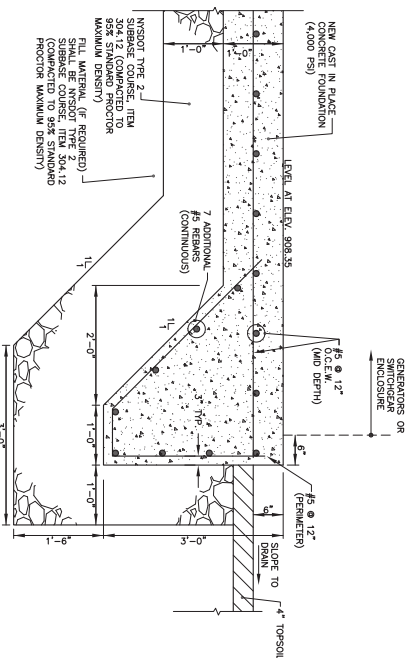
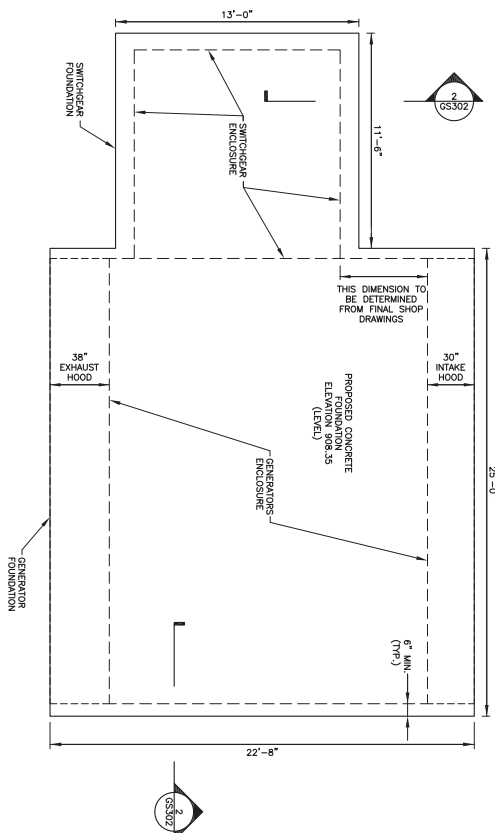
FOUNDATION NOTES

- Foundation shall be placed and finished in accordance with the specifications and shall conform to ACI 301, 302, 306, 308, 315, and 318, and 308R specifications.
- Latent erosion and/or weather of all codes and reference standards shall be followed.
- Concrete shall develop a minimum compressive strength of 4,000 psi at 28 days. Slump shall be 3 1/2" ± 1".
- Concrete shall be of antichloride cement shall be Portland Cement conforming to ASTM C150, Type I, and shall be free of chlorides. The concrete shall conform to ASTM C260. Air content (by volume) shall not be less than 6.5% and shall depend on maximum aggregate size.
- No admixture shall contain calcium chloride based compounds. Fly ash and pozzolan content shall not exceed 20% by weight of cement.
- Reinforcing bars shall conform to ASTM A615 Grade 60 specifications.
- Lap splices in reinforcing bars in accordance with the table below.
- Concrete protection for reinforcing bars (unless otherwise noted):
  - Formwork: 1/2" polystyrene or sides, 2" top
  - Formed slabs: 1/2" polystyrene or sides, 2" top
  - Formed slabs: 1/2" polystyrene or sides, 2" top
- Reinforcing bars shall be installed in accordance with the specifications and shall be approved in writing by the Contracting Officer.
- Anchor bolts shall be carbon steel conforming to ASTM F1554 specifications, with heavy hex nuts and washers, bolts, nuts, and washers shall be galvanized steel and shall be installed in accordance with the specifications unless otherwise specified, and shall be accurately placed using templates.
- Grout in drilled holes for anchor bolts and reinforcing steel dowels, when mixed with water, will hydrate rapidly to produce a permanent surface of grout, and installation shall be followed by a hole size.
- Exposed edges shall have 3/4" chamfer.
- Welded steel fabric shall conform to ASTM A62 and A165 specifications.
- Joint sealant shall be one component polyurethane sealant.

DESIGN LOADS

Design loads for the structure are in accordance with the 2010 edition of the International Building Code (IBC) and the ASCE 7-10. The design loads are based on the following assumptions:

- Building Design Category: II
- Seismic Design Category: A
- Seismic Importance Factor: 1.3
- Seismic Response Coefficient: 0.099
- Site Classification: D



Revisions	Date

VA WESTERN NEW YORK HEALTHCARE SYSTEM  
222 RICHMOND AVENUE  
BATAVIA, NEW YORK 14020

EC4B  
135 South Main Street  
Batavia, NY 14020  
Phone: (585) 344-1775  
Fax: (585) 344-1775  
www.ec4b.com

THORNTON  
20 West Main Street  
Batavia, NY 14020  
Phone: (585) 344-1775  
Fax: (585) 344-1775  
www.thornton.com

Architect / Engineer

CARDIOLOGY MANAGER	DATE	ENGINEERING MANAGER	DATE
INFECTION CONTROL	DATE	CABLELINE MANAGER	DATE
SAFETY OFFICER	DATE	CHIEF OF STAFF	DATE

Drawing Title	Project Title
MISCELLANEOUS DETAILS	VA BATAVIA EMERGENCY POWER UPGRADES
MEDICAL CENTER DIRECTOR	DATE
ASSOCIATE MEDICAL CENTER DIRECTOR	DATE

Building Number	Checked	Drawn
1	GPT	HKT
Location	VA/MC, BATAVIA, NEW YORK	

Date: April 23, 2014  
Station No.: 528-13-201

13-201-GS302

Office of Facilities  
Department of Veterans Affairs