



ADDENDUM NO. 10 TO PROJECT NO. 44362

CONSTRUCTION - PROJECT LABOR AGREEMENT PROJECT

**PROVIDE COMBINED SUPPORT MAINTENANCE SHOP
516 – ROUTE 216
STORMVILLE, NEW YORK 12582**

August 30, 2013

NOTE: This Addendum forms a part of the Contract Documents. Insert it in the Project Manual. Acknowledge receipt of this Addendum in the space provided on the Bid Form.

CHANGES TO ADDENDUM NO. 3

1. Item No.1 - 013113 PROJECT SCHEDULE – Discard the Project Milestone Schedule added by addendum #3 and replace with the accompanying Project Milestone Schedule Document, showing a 24 month Construction Schedule. Add to the Project Manual after the END OF SECTION of section 013113.
2. Item No. 2 - 014100 REGULATORY REQUIREMENTS – Delete item 2 in its entirety all requirements for the NYSEG fees for extending the power line up State Highway 216.
3. Item No. 4 - Drawing No. C-101– Delete in its entirety the General Note pertaining to all requirements for the NYSEG fees for extending the power line up State Highway 216.

SPECIFICATION GROUP

4. 093013 CERAMIC TILE: Delete paragraph 2.04 G. and Item 3.05 in their entirety.
5. 233113 METAL DUCTWORK: Add paragraph “2.05 DUCTWORK PRESSURE REQUIREMENTS
 - A. 0 -1/2” of external static shall be considered low pressure ductwork
 - B. 1/2” -1-1/2” of external static shall be medium pressure ductwork
 - C. Anything above 1-1/2” of external static shall be considered high pressure ductwork
 - D. Construct all ductwork in conformance with SMACNA standards for the above pressure classifications.”
6. 260924 AUTOMATIC LIGHTING CONTROLS: Change Paragraph 2.01
 - a. Section A.7. add the following in its entirety “Dimming ballast must comply with the NEMA LL9 T8 fluorescent dimming system recommendations (NEMA LL 9-2011).”

- b. Delete Section B.7. add the following in its entirety “Dimming ballast must comply with the NEMA LL9 T8 fluorescent dimming system recommendations (NEMA LL 9-2011).”
- 7. DOCUMENT 331102 PLASTIC WATER PIPE AND FITTINGS: Add the accompanying document (pages 331102 – 1 thru 331102 – 4) to the Project Manual.
- 8. 412200 HOIST AND CRANES: Discard the Section bound in the Project Manual and substitute the accompanying Section (pages 412200 – 1 thru 412200 – 4) noted “Revised 08/19/13” in lower left of page.

DRAWINGS

- 9. Drawing C-125: Delete in its entirety.
- 10. Drawing A-107: Delete in its entirety.
- 11. Revised Drawing:
 - a. Drawing No. C-103, noted “REVISED 8/30/2013” accompanies this Addendum and supersedes the same numbered originally issued drawing.

Changes include:

- 1. Privately Owned Vehicle (POV) parking lot is being removed from the project. This includes the paving, striping, curbing, lighting, walkways, and signage. Contractor shall grade area to match finished contours on plans, provide positive drainage, and appropriate cover over proposed utilities as directed by project details. Area shall be seeded with seed mix No. 1. This change also affects C-102, C-103, C-120, C-121, C-130, C-131, C-140, C-141, C-145, C-146, C-150, C-151, C-154, C-160, C-161, and C-170 which depicts information associated with the POV parking lot.
 - 2. Reinforced concrete aprons shall be changed to extend 30-ft from face of building instead of 60-ft from face of building. This change also affects Drawing Nos. C-102, C-103, C-122, C-124, C-132, C-142, C-147, C-152, C-154, C-162, C-170 which depict information associated with the concrete aprons located at the face of the building.
 - 3. Roadway from south side of loading dock towards MOV parking lot and aprons around the building previously designated as heavy duty asphalt shall now be installed as heavy duty gravel pavement section consisting of 6.5-in of type 2 stone on top of a biaxial geogrid layer, placed over 12-in of type 2 subbase compacted in (2) six inch lifts over woven geotextile fabric.
 - 4. Remove concrete loading ramp from base bid condition.
- 12. Drawing No. C-124:
 - a. The contraction joint (type F) located at 30-ft away from the building face and the dummy joint (type H) located at 45-ft away from the building shall be eliminated at each of the concrete aprons. The thickened edge joint (type A) formerly located at 60-ft away from the building shall now be located at the edge which is now 30-ft away from the building.

- 13. Revised Drawing:

- a. Drawing No. C-125, noted “REVISED 8/30/2013” accompanies this Addendum and supersedes the same numbered originally issued drawing.

Changes include:

1. Original Alternates No. 1, No. 2, and No. 3 have been removed from the project.
 2. Alternate No. 1 now includes roadway from south side of loading dock towards MOV parking lot and aprons around the building shall be installed as heavy duty asphalt consisting of 1.5-in of asphalt wearing course, 2-in of asphalt binder course, and 3-in of asphalt base course over 12-in of type 2 subbase course.
 3. Alternate No. 1 also includes install concrete loading ramp.
14. Drawing Nos. C-131, C-132, C-133, C-134, C-135, C-136, C-137, C-234, C-235, C-236, and C-530.
 - a. Change 12-in dia ductile iron pipe to 12-in dia HDPE pipe.
 15. Addendum Drawing:
 - a. Drawing No. C-125B, accompanies this Addendum and forms part of the Contract Documents. Drawing includes details for Heavy Duty Gravel Pavement Section for use in base bid and Heavy Duty Pavement Section for Alternate and main driveway.
 16. Addendum Drawing No. C-522B:
 - a. Drawing No. C-522B, accompanies this Addendum and forms part of the Contract Documents. Replaces Details 1 and 2 on sheet C-522:
 1. Change the subbase material from 6-in NYSDOT type 2 and 6-in NYSDOT type 1, to 12-in NYSDOT type 2 placed in (2) 6-in thick compacted lifts.
 17. Drawing H-103: Delete in its entirety.
 18. Drawing E-002:

Detail 1, Delete (9) lights and poles (1) Type A, (2) Type B, (4) Type C, and (2) Type D) located in POV parking lot and adjacent sidewalk in the northeast corner of the site. All associated underground conduit, conductors, and occupancy sensors to be deleted. Control box located on west side of parking lot and underground electric up to control box to remain.
 19. Drawing E-003:
 - a. Detail 2 - Delete Note 32 from Main Building to Un-Heated Storage Building.
 - b. Note 32 clarification: Note 32 includes all low voltage conduits necessary from the Outbuilding to Main Building. Separate buried conduits for fire alarm, and P.A. system.
 20. Drawing E-301:
 - a. Delete Drawing Note 4, all 2” conduits called for below slab, and the reference to Detail 3 on drawing E304. Add the following note at each (4) cable data/communication outlet location in Rooms 160, 161, 162, and 163 (15 total locations):

“Provide a 4 -11/16” square box mounted 30” above the floor to the bottom of the box with a single gang plate for the data cables. Provide a 1 ¼” conduit from the box under floor and up wall to the cable tray. Provide bushings on each end and the data cables called for.
 21. Drawing E-302:

- a. Delete Drawing Note 4, all 2" conduits called for below slab, and the reference to Detail 3 on drawing E304. Add the following note at each (4) cable data/communication outlet location in Rooms 100, 108, 109, 110 ,and 111 (20 total locations):

“Provide a 4 -11/16” square box mounted 30” above the floor to the bottom of the box with a single gang plate for the data cables. Provide a 1 ¼” conduit from the box under floor and up wall to the cable tray. Provide bushings on each end and the data cables called for.”

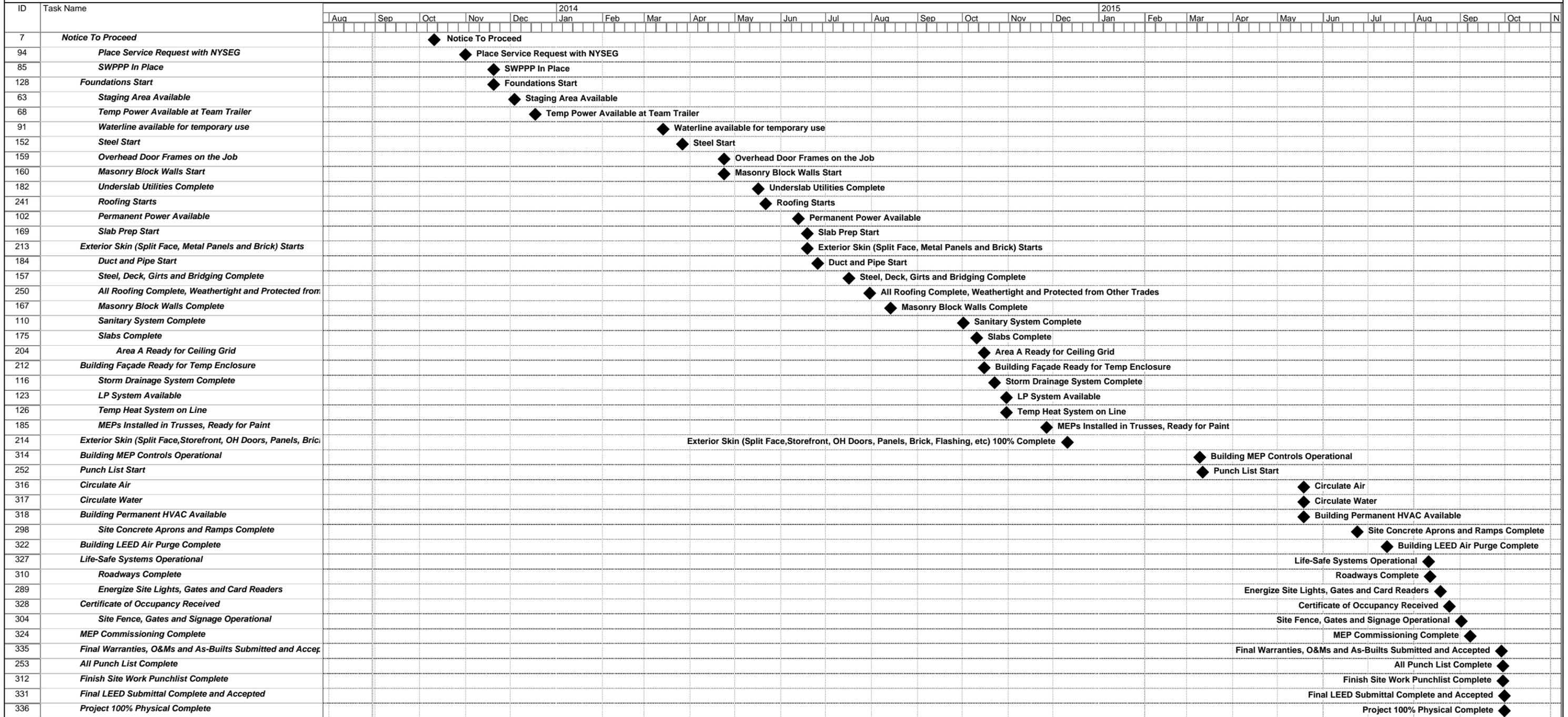
22. Drawing E-601: Delete in its entirety.

END OF ADDENDUM

James Dirolf, P.E.
Director of Design

Combined Support Maintenance Shop Milestone Schedule

Stormville, NY
OGS Project No: 44362



Issued for Bidding
Date: Fri 8/30/13

Task		Progress		Summary		External Tasks		Deadline	
Split		Milestone		Project Summary		External Milestone			

SECTION 331102

PLASTIC WATER PIPE AND FITTINGS

PART 1 GENERAL

1.01 RELATED WORK SPECIFIED ELSEWHERE

- A. Excavation: Section 310000.
- B. Water Utility Distribution Piping: Section 331101.
- C. Disinfection: Section 331300.

1.02 SUBMITTALS

- A. Product Data: Manufacturer’s specifications with detailed information regarding dimensions, pressure rating, fittings and installation instructions. Manufacturer’s data must indicate compliance with the standards specified herein.

PART 2 PRODUCTS

2.01 GENERAL

- A. Provide pipe and fittings approved by the National Sanitation Foundation (NSF) for use with potable water.
- B. Each length of pipe (coils at 5 feet intervals) shall be marked to identify size, material type and grade, pressure rating, ASTM Designation, manufacturer, and NSF approval.

2.02 POLYETHYLENE (PE) PIPE

- A. Comply with AWWA Specification C901.
- B. Pipe Material: PE 3408 High Density Polyethylene (HDPE) meeting ASTM D 3350 cell classification of 334434-C.
- C. Pipe:
 - 1. PE Pipe (SIDR-PR) based on controlled inside diameter: ASTM D 2239.
 - 2. PE Pipe (SDR-PR) based on controlled outside diameter: ASTM D 3035.
- D. Pipe shall be of the size, SDR and pressure rating shown on the drawings or specified below.

PRESSURE RATINGS PER ASTM D 2239 AND ASTM D 3035 AT 23 DEGREES C (73.40 F)			
SIDR	PR (PSI)	SDR	PR (PSI)

PRESSURE RATINGS PER ASTM D 2239 AND ASTM D 3035 AT 23 DEGREES C (73.40 F)			
SDR	PR (PSI)	SDR	PR (PSI)
9	160	11	160

- E. Provide permanent identification of piping by co-extruding pipe identification, such as striping, into the pipe's outer surface. Identification material shall be the same material as the pipe material except for color. Identification printed or painted on the pipe surface will not be acceptable.

2.03 PLASTIC FITTINGS

- A. Provide fittings of the same size and pressure rating as the pipe to which they are connected.
- B. Provide fittings as recommended by the pipe manufacturer to comply with the appropriate Standard listed below:
 - PE Fused Butt Type, Schedule 40: ASTM D 3261.
 - PE Fused Socket Type, SDR 11: ASTM D 2683.
 - Insert Type for PE pipe: ASTM D 2609.
- C. Provide stainless steel clamps with insert type fittings for PE pipe.
- D. Provide mechanical joint fittings as manufactured by Drisco Pipe or equal and include stainless steel stiffener ring, stainless steel extended T-bolts and nuts, gland and gasket

PART 3 EXECUTION

3.01 INSPECTION

- A. Inspect pipe and fittings before installation. Remove defective materials from the site.

3.02 GENERAL

- A. Install pipe in accordance with the manufacturer's recommendations.
- B. Underground Pipe: Install in accordance with ASTM D 2774.
- C. Pipe with Heat Fused Joints: Install in accordance with ASTM D 2657.

3.03 INSTALLATION

- A. Install pipe as indicated on the Drawings.
- B. Pipe in Trenches:

1. Keep trenches free from water.
2. Grade and shape trench bottom to insure a firm uniform bearing for the entire trench length. Provide a minimum cover of 4'-6" to finished grade unless otherwise shown on the drawings.
3. Cut pipe as recommended by the manufacturer.
4. Lay pipe on a continuously rising grade from low points to high points at service lines, air release valves or hydrants.
5. Construct concrete thrust blocks behind bends, tees, caps and plugs as shown on the drawings. Cast concrete against undisturbed earth.

3.04 PROTECTING PIPE

- A. During the progress of the Work keep pipe clean from all sediment, debris, and other foreign material.
- B. Close all open ends of pipes and fittings securely with removable plugs at end of Work day, during storms, when the Work is left at any time, and at such times as the Director's Representative may direct.

3.05 DISINFECTION

- A. Disinfect as specified in Section 331300.

3.06 PERFORMANCE

- A. Description: Before testing, backfill or otherwise brace the pipe barrels between joints to prevent movement under pressure.
- B. Hydrostatic Test: Before testing, backfill or otherwise brace the pipe barrels between joints to prevent movement under pressure.
 1. After the water main has been disinfected and before the pipe joints, fittings, valves, or other appurtenances are covered, expel and test the water main for two hours at 1.5 times the pressure rating(s) listed for the various types of pipe specified in Part 2.
 2. Remove all defective pipe, fittings, valves and appurtenances and replace with sound pipe, fittings, valves, or appurtenances, and repair all joints showing visible leaks until tight and repeat the test until satisfactory to the Director's Representative.
- C. Leakage Test:
 1. Conduct a leakage test after the pressure test has been satisfactorily completed.
 2. Leakage is defined as the quantity of water to be supplied into the laid pipe, or any valved section thereof, necessary to maintain the specified leakage test pressure after the pipe has been filled with water and the air expelled.
 3. The duration of each leakage test shall be two hours.
 4. During the leakage test subject the pipe to its rated pressure.
 5. No pipe installation will be accepted until the leakage is not more than the number of gallons per hour as determined by the following formula:

$$\frac{L - ND \times \text{the square root of } P}{7400}$$

in which:

L = allowable leakage in gallons per hour

N = number of joints in length of pipe line tested

D = nominal diameter of pipe, inches

P = average test pressure during the leakage test (PSI)

6. Should any test of pipe disclose leakage greater than that computed by the above formula, locate and repair the defects so that the leakage is within the specified allowance. The hydrostatic and leakage tests shall be made on such lengths of pipe and in such manner as the Director's Representative shall direct and in his presence. Keep trenches free from water to the satisfaction of the Director's Representative until the completion of the tests.

D. Connections:

1. Make connections between the pipe lines installed under this contract and the existing pipe lines or structures shown on the drawings. Should it be impossible to make a connection shown on the drawings because the pipe with which the connection is shown to be made has not yet been installed, lay the pipe to a point directed by the Director's Representative and plug or cap the end in a satisfactory manner; identify the terminal point with a stake extending above ground marked to indicate the pipe size and service.

END OF SECTION

SECTION 412200

HOISTS AND CRANES

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. 15-ton Double Girder, Top Running Double Girder Crane and Hoist.
- B. 7.5-ton Double Girder, Top Running Double Girder Crane and Hoist.

1.02 REFERENCES

- A. AISC Specification for the Design, Fabrication and Erection of Structural Steel for Buildings.
- B. ANSI MH 27.1, Specifications for Top Running Cranes and Monorail Systems.
- C. ANSI B30.16 Safety Standard for Overhead Hoists (Top running).
- D. ANSI B30.11 Safety Standards for Monorails and Top Running Cranes.
- E. ASME HST-4M, Performance Standard for Overhead Electric Wire Rope Hoists.
- F. ASME NOG-1, Rules for Construction of Overhead and Gantry Cranes.
- G. AWS D1.1, Code for Welding in Building Construction.
- H. Hoist Manufacturer's Institute Standard Specification for Electric Wire Rope Hoists.
- I. ANSI/NFPA 70 National Electric Code, Article 610, Cranes and Hoists.
- J. OSHA 29 CFR 1910.179, Overhead and Gantry Cranes.

1.03 SYSTEM DESCRIPTION

- A. Hoist and Crane System: The system specified consists of an overhead crane, with trolley mounted wire rope hoist, supported by a runway framework and the building structure, and meeting the requirements of the referenced specifications, standards, rules and codes.

1.04 DESIGN REQUIREMENTS

- A. 15-ton Crane and Hoist B1 and C1:
 - 1. Designed according to the latest revision to CMAA Specification No. 70.
 - 2. System Capacity: Will lift and move 15 tons (30,000 lbs.) of containers, materials, equipment and pallets within warehouse or maintenance areas.
 - 3. Crane, carrier, and hoist equipment shall be designed for Class D (Heavy) service indoor use.
 - 4. Crane shall be motor propelled, double girder with a minimum span of 60'-4".
 - 5. Bridge travel shall be single speed, a minimum of 120 feet per minute.
 - 6. Hoist shall be suspended from a motor driven trolley and have a minimum lifting speed of 15/4 feet per minute and a minimum lift of 23'-0".
 - 7. Runway rail shall be supported by and bolted directly to steel columns erected from concrete foundations. ASCE 60# to include all splice assemblies w/ hardware, and "J" type hook bolts w/ all hardware.
 - 8. Maximum distance between runway supports shall be 36'-1" at crane B1 and 32'-7" at crane C1.
 - 9. Overall length of runway rail for crane B1 and C1 shall be 125'-7".
 - 10. Distance from floor to bottom of hoist hook shall be a minimum of 17 feet.

- B. 7.5-ton Crane and Hoist C2:
1. Designed according to the latest revision to CMAA Specification No. 70.
 2. System Capacity: Will lift and move 7.5 tons (15,000 lbs.) of containers, materials, equipment and pallets within warehouse or maintenance areas.
 3. Crane, carrier, and hoist equipment shall be designed for Class D (Heavy) service indoor use.
 4. Crane shall be motor propelled, double girder with a minimum span of 60'-4".
 5. Bridge travel shall be single speed, a minimum of 120 feet per minute.
 6. Hoist shall be suspended from a motor driven trolley and have a minimum lifting speed of 16/4 feet per minute and a minimum lift of 31'-0".
 7. Runway rail shall be supported by and bolted directly to steel columns erected from concrete foundations. ASCE 30# to include all splice assemblies w/ hardware, and "J" type hook bolts w/ all hardware.
 8. Maximum distance between runway supports shall be 31'-2".
 9. Overall length of runway rail shall be 31'-2".
 10. Distance from floor to bottom of hoist hook shall be a minimum of 17 feet.

1.05 SUBMITTALS

- A. Waiver of Submittals: The "Waiver of Certain Submittal Requirements" in Section 013300 does not apply to this Section.
- B. Submittals Package: Submit the shop drawings, product data, and quality control submittals specified below at the same time as a package.
- C. Shop Drawings:
1. Show the construction details of the hoist and crane system and the crane support structure.
 2. Show the electric wiring and control system.
 3. Show installation details.
- D. Product Data:
1. Catalog sheets, specifications, and installation instructions.
 2. Bill of materials.
 3. Name, address, and telephone number of nearest fully equipped service organization.
- E. Quality Control Submittals:
1. Design data, including safety factor of materials.
 2. Test report of hoist and crane system.
 3. Certificate required under Quality Assurance.
- F. Contract Closeout Submittals:
1. Operation and maintenance data.
 2. Warranty.
 3. Test reports of the completed hoist and crane system.

1.06 QUALITY ASSURANCE

- A. Company Field Advisor: Secure the services of a Company Field Advisor for a minimum of 10 hours for the following:
1. Render advice regarding installation of the hoist and crane system.
 2. Witness final system test and then certify with an affidavit that the hoist and crane system is installed in accordance with the contract requirements and is operating properly.

PART 2 PRODUCTS

2.01 HOIST AND CRANE SYSTEMS

- A. Trolley/Hoist: CMAA Class D; electric, wire rope, top running trolley with all parts and accessories necessary to install on bridge crane:
1. Manufacturers; hoist and trolley shall be integral unit of same manufacturer:
 - a. Zinter Handling, Inc. Cranes, Hoists & Monorails; 4313 Rte 50, Saratoga Springs, NY; Tel: 518-583-0853; www.zinterhandling.com.
 - b. Crane-Tec, Inc.; 12041 East Miami River Road, Cincinnati, OH; Tel: 513-851-1655; www.overheadcranetec.com.
 - c. Demag Cranes and Components Corp.; 29201 Aurora Road, Cleveland, OH; Tel: 440-248-2400; www.demagcranes.com.
 2. Control Type - 2-step variable frequency drive.
 3. Pushbutton travelling control pendant suspended 4'-0" above floor.
 4. Festoon system for control cable.
 5. Motor driven trolley with travel speed of 80/20 feet per minute.
 6. Inverter duty rated motors.
 7. Hoists must be equipped with "Mechanical Load Brake".
 8. Double reeve for true vertical lift.
 9. Continuous overweight monitor thru vector drive.
 10. Dual braking system.
 11. Upper and lower geared limit switches; adjustable.
 12. Redundant upper block actuated limit switch.
 13. Hook with safety latch. Hook shall be mounted to swivel on thrust bearing.
 14. Wheels - 6 1/2" minimum diameter wheels, 615BNH minimum hardened wheels.
 15. Trolley bumpers.
- B. Bridge Crane: CMAA Class D, indoor use; electric, top running, double girder crane, dual drive with track, suspension system and all parts necessary
1. Manufacturers:
 - a. Zinter Handling, Inc. Cranes, Hoists & Monorails; 4313 Rte 50, Saratoga Springs, NY; Tel: 518-583-0853; www.zinterhandling.com.
 - b. Crane-Tec, Inc.; 12041 East Miami River Road, Cincinnati, OH; Tel: 513-851-1655; www.overheadcranetec.com.
 - c. Demag Cranes and Components Corp.; 29201 Aurora Road, Cleveland, OH; Tel: 440-248-2400; www.demagcranes.com.
 2. Drive Type: Rotating axle with electric motor brake.
 3. End Truck: 8 1/4 in minimum diameter wheels, 615BNH minimum hardened wheels, 9'-10" minimum wheelbase; end truck manufacturer must be a CMAA member company.
 4. Control Type - 2-step variable frequency drive.
 5. Pushbutton travelling control pendant suspended 4'-0" above floor.
 6. Finish: Safety Yellow Epoxy finish.
- C. Electrical:
1. Main Line voltage, phase, hertz: 460/3/60.
 2. Electrical distribution/runway: UL approved type 4 conductor bar rated 100A continuous. Insulation cover shall be rigid orange PVC, self extinguishing, with a heat distortion point of 160 degrees F at 260 psi.
 3. Conductors shall be complete with mounting clips, end caps, splices with covers, and power feeds.

4. Tandem collectors to be installed on bridge crane for power pickup. Current collectors shall be designed so that sparking and loss of contact shall be minimized.
5. All controls shall be housed in a single NEMA 12 panel.
6. All control function power to be from a single control transformer.
7. A fused, manual disconnect switch with a lockable handle mounted through the panel door shall be provided and wired into the incoming power circuit.
8. All motors equipped with magnetic contactors operated with ON-OFF push button station pendant suspended 4'-0" above the floor, from the hoist trolley unit.
 - a. Shall operate all functions of bridge crane, hoist and trolley.
 - b. Push button pendant shall be connected to a terminal box that travels the entire length of the bridge crane on a box track and flat cable festoon.
 - c. Festoon track shall be 12-gauge minimum galvanized steel box type.
 - d. Box track trolleys shall have steel wheels with ball bearings.
9. Power and control conductors to the Hoists/Trolleys shall be on a box track and flat cable festoon.
 - a. Festoon track shall be 12-gauge minimum galvanized steel box type.
 - b. Box track trolleys shall have steel wheels with ball bearings.
 - c. Interconnecting schematics and detailed wire pull diagrams shall be provided with the required three (3) complete equipment manuals.
10. All electrical equipment shall meet NEMA 1 requirements.
11. All branch circuits shall be fused.
12. Control circuits: Maximum 120 volts.
13. All motors shall have overload protection.

PART 3 EXECUTION

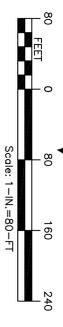
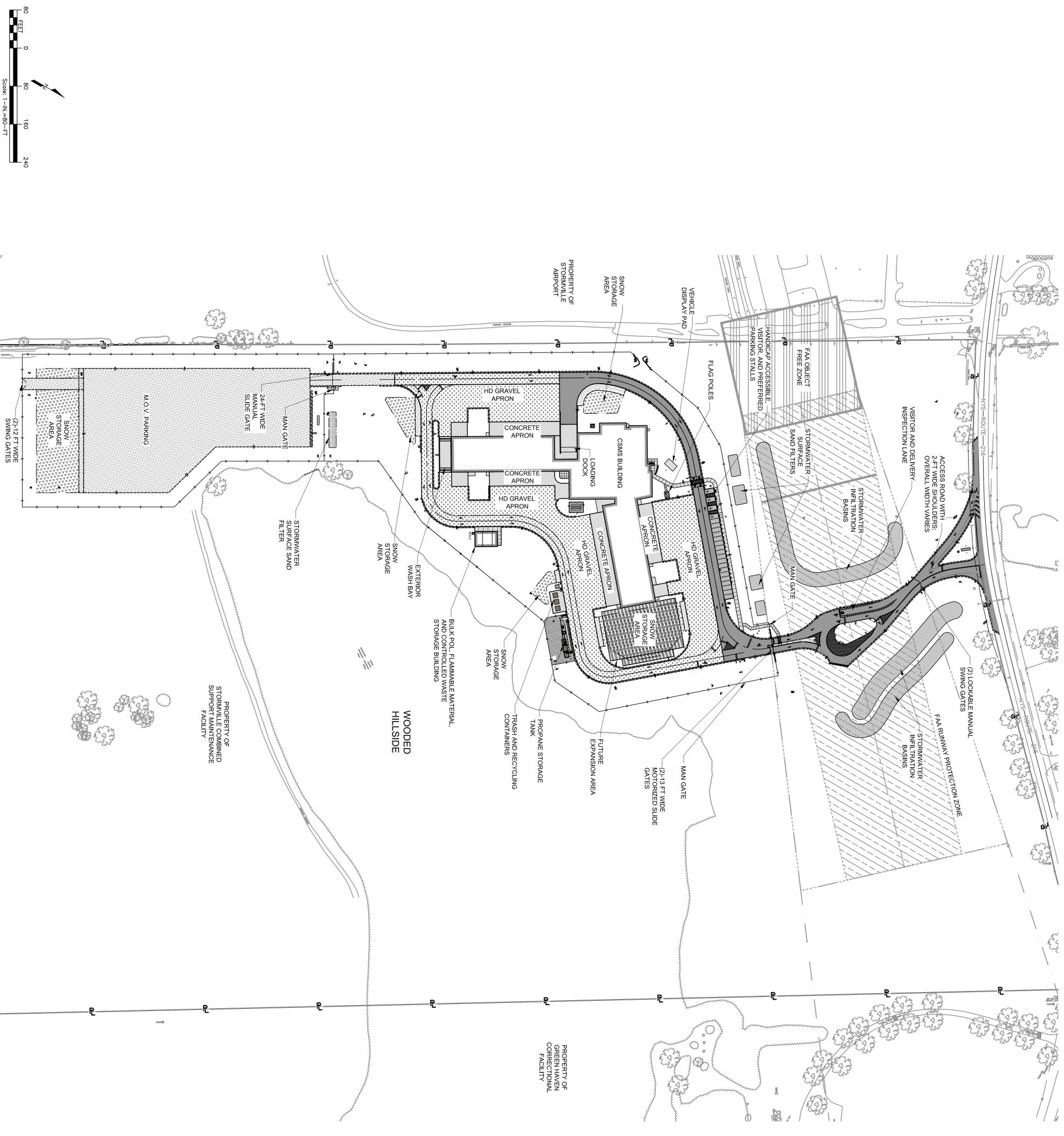
3.01 INSTALLATION

- A. Install the Work in this Section in accordance with the manufacturer's printed instructions, shop drawings, and directions of the Company Field Advisor.

3.02 SCHEDULE

- A. Crane and hoist B1 located in Area B: 15 ton unit.
- B. Crane and hoist C1 located in Area C: 15 ton unit.
- C. Crane and hoist C2 located in Area C, Welding Shop: 7.5 ton unit.

END OF SECTION



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STATE OF NEW YORK
 ENGINEER
 ROBERT J. FISHER
 LICENSE NO. 10000

CONTRACTOR:
 CONSTRUCTION
TITLE:
 PROVIDE COMBINED SUPPORT
 MAINTENANCE SHOP
LOCATION:
 STORMVILLE CSMS
 516 - ROUTE 216
 STORMVILLE, NEW YORK
CLIENT:
 DIVISION OF MILITARY AND
 NAVAL AFFAIRS

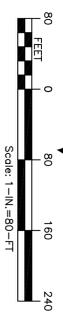
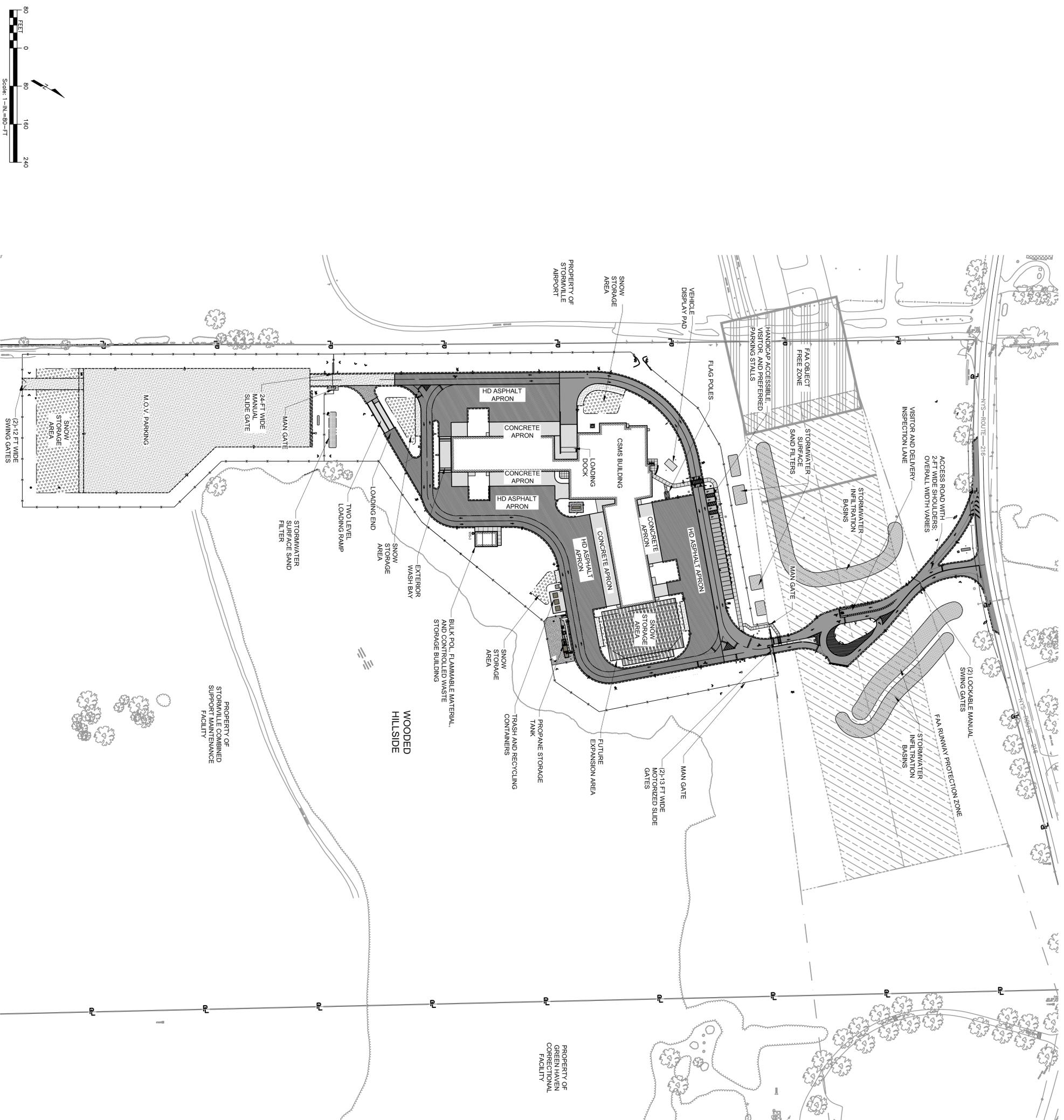
NO.	DATE	REVISION
1	8-30-13	REVISION
2		
3		
4		
5		
6		
7		
8		
9		
10		

NAME: 8-30-13 REVISION
DATE:
PROJECT NUMBER: OGS No. 44382 - C
 PRIDE No. 380139
DESIGNED BY: R/V
DRAWN BY: R/V
CHECKED BY:
APPROVED: AKL

OVERALL SITE PLAN
 SHEET TITLE
 DRAWING NUMBER
C-103

ALTERNATE BID ITEM No. 1 NOTES:

1. THE BID ITEM INCLUDES THE INSTALLATION OF LIGHT DUTY ASPHALT PAVEMENT SECTION IN PART OF THE ROADWAY EXTENDING FROM THE HEAVY DUTY ASPHALT PAVEMENT SECTION TO THE CONCRETE APRONS AROUND THE BUILDING IN PLACE OF THE HEAVY DUTY ASPHALT PAVEMENT SECTION.
2. THIS BID ITEM ALSO INCLUDES THE INSTALLATION OF THE CONCRETE



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CONSTRUCTION
THE
PROJECT
PROVIDE COMBINED SUPPORT
MAINTENANCE SHOP
 LOCATION: STORMVILLE CSMS
 516 - ROUTE 216
 STORMVILLE, NEW YORK
CLIENT
DIVISION OF MILITARY AND
NAVAL AFFAIRS

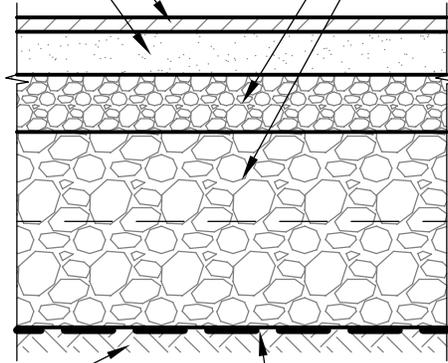
DATE	REVISION
8-30-13	REVISION
DATE	DESCRIPTION
PROJECT NUMBER	OGS No. 44382 - C
DESIGNED BY	PRIDE No. 380139
DRAWN BY	RYJ
CHECKED BY	RYJ
FIELD CHECK	
APPROVED:	AKL
SHEET TITLE	

ALTERNATE BID ITEMS
 DRAWING NUMBER:
C-125

WARNING:
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1 1/2-IN. ASPHALT TOP
(NYS DOT SPEC. 403 - TYPE 7)
2-IN. ASPHALT BINDER
(NYS DOT SPEC. 403 - TYPE 3)

3-IN. ASPHALT BASE
(NYS DOT SPEC. 403 - TYPE 1)
12-IN. SUBBASE
(NYS DOT SPEC. 304 - TYPE 2)
PLACED IN (2) 6-IN. COMPACTED LIFTS



EXISTING GRADE OR
COMPACTED EMBANKMENT
FILL (AS REQUIRED)

WOVEN GEO-TEXTILE
FABRIC

PAVEMENT NOTES:

1. EXISTING PAVEMENT SHALL BE SAW CUT AT PAVING LIMITS TO OBTAIN A STRAIGHT AND NEAT EDGE FOR PAVING.
2. ALL SEAMS BETWEEN EXISTING AND NEW ASPHALT SURFACES SHALL BE SEALED WITH AN ASPHALT FILLER.
3. SEE SITE PLAN FOR PAVING LIMITS.

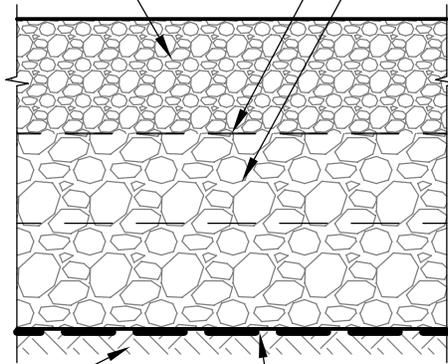
1 HEAVY DUTY PAVEMENT SECTION

C-522

NO SCALE
(FOR USE ON MAIN DRIVEWAY)
(FOR USE ON APRONS FOR BID ALTERNATE)

6.5-IN. GRAVEL TOP COURSE
(NYS DOT SPEC. 304 - TYPE 2)

BIAXIAL GEO-GRID
(MODEL SBX 12 BY SYNTEC
GEOSYNTHETICS OR APPROVED EQUAL)
12-IN. SUBBASE
(NYS DOT SPEC. 304 - TYPE 2)
PLACED IN (2) 6-IN. COMPACTED LIFTS



EXISTING GRADE OR
COMPACTED EMBANKMENT
FILL (AS REQUIRED)

WOVEN GEO-TEXTILE
FABRIC

PAVEMENT NOTES:

1. EXISTING PAVEMENT SHALL BE SAW CUT AT PAVING LIMITS TO OBTAIN A STRAIGHT AND NEAT EDGE FOR PAVING.
2. ALL SEAMS BETWEEN EXISTING AND NEW ASPHALT SURFACES SHALL BE SEALED WITH AN ASPHALT FILLER.
3. SEE SITE PLAN FOR PAVING LIMITS.

1 HEAVY DUTY GRAVEL PAVEMENT SECTION

C-522

NO SCALE
(FOR USE ON APRONS FOR BASE BID)



NYS OFFICE OF GENERAL SERVICES

Serving New York

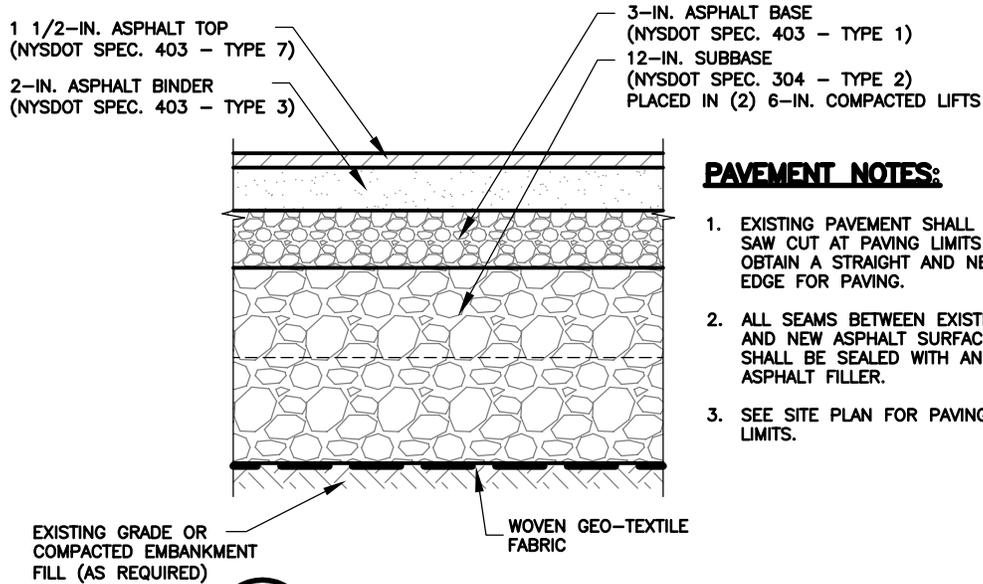
CONTRACT: **CONSTRUCTION**
PROJ. NO: **44362-C**
DATE: **08/29/13**
DRAWN: **RJY**
APPROVED: **-**

SHEET TITLE: **SITE DETAILS
SHEET 3**

PROJECT: **PROVIDE COMBINED SUPPORT
MAINTENANCE SHOP**

WARNING: THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPETENT PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS 'C' MISDEMEANOR.

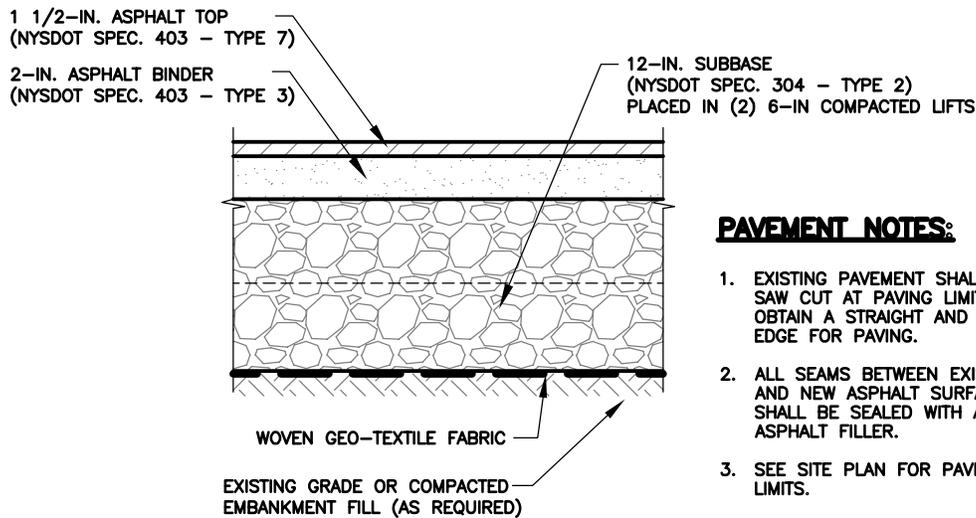
DWG NO:
C-125B



PAVEMENT NOTES:

1. EXISTING PAVEMENT SHALL BE SAW CUT AT PAVING LIMITS TO OBTAIN A STRAIGHT AND NEAT EDGE FOR PAVING.
2. ALL SEAMS BETWEEN EXISTING AND NEW ASPHALT SURFACES SHALL BE SEALED WITH AN ASPHALT FILLER.
3. SEE SITE PLAN FOR PAVING LIMITS.

1 HEAVY DUTY PAVEMENT SECTION
C-522 NO SCALE
 (FOR USE ON MAIN DRIVEWAY)



PAVEMENT NOTES:

1. EXISTING PAVEMENT SHALL BE SAW CUT AT PAVING LIMITS TO OBTAIN A STRAIGHT AND NEAT EDGE FOR PAVING.
2. ALL SEAMS BETWEEN EXISTING AND NEW ASPHALT SURFACES SHALL BE SEALED WITH AN ASPHALT FILLER.
3. SEE SITE PLAN FOR PAVING LIMITS.

2 STANDARD DUTY PAVEMENT SECTION
C-522 NO SCALE
 (FOR USE IN PARKING AREAS)



CONTRACT: **CONSTRUCTION**
 PROJ. NO: **44362-C**
 DATE: **08/29/13**
 DRAWN: **RJY**
 APPROVED: **-**

SHEET TITLE: **SITE DETAILS SHEET 3**

PROJECT: **PROVIDE COMBINED SUPPORT MAINTENANCE SHOP**

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DWG NO: **C-522B**