



ADDENDUM NO. 5 TO PROJECT NO. 44362

CONSTRUCTION - PROJECT LABOR AGREEMENT PROJECT

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

August 16, 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. 4

1. Item No. 24 Drawing No.A-600: Delete item 24 in its entirety and insert the following in lieu thereof:

Drawing No.A-600:

- a. ROOM FINISH SCHEDULE: Room C-1 Entry Lobby, add Keyed Note “10” in Schedule. In the Keyed Note Legend, Change Note 10 to read:

“10. Provide two concrete stain colors in a large geometric pattern. Pattern and color selections to be determined at time of submittals. Refer to Specification 033511 for polished stained concrete system to be utilized in this location.”

SPECIFICATION GROUP

2. 015813 PROJECT IDENTIFICATION SIGN: Add paragraph 3.03 as follows:

“3.03 PROJECT SIGN

- A. Refer to attached drawing C-160.1 Project Sign”

3. 033511 CONCRETE FLOOR FINISHES: Discard all previously issued versions and substitute the accompanying Section 033511 (pages 033511-1 thru 033511-3) noted “Revised 08/15/13”.

4. Page 042000-3, Change Subparagraph 2.01 A. 5. to Read:

“5. Decorative Units, Ground-Face: ASTM C90, normal weight.

- a. Hollow Block Stretchers, Regular Face and Bull Nose Corners: 16 inch long x 8 inch height x 4 and 8 inches wide as indicated on drawings.
- b. Pattern: Ground-face units; texture at exposed faces.
- c. Color:
 - 1) Type1: Founders tan
 - 2) Type 2: Beamish

- d. Manufacturer: Barnes & Cone Architectural Masonry; 5894 Court Street, Syracuse, NY 13206; Phone: 315-437-0305; web: www.barnesandcone.com.”

DRAWINGS

- 5. Addendum Drawing:
 - a. Drawing No. C-533A, accompanies this Addendum and forms part of the Contract Documents. Drawing includes detail for “Stone Diaphragm”.
- 6. Addendum Drawings:
 - a. Drawing No. A-400.1, dated 08/07/13, accompanies this Addendum and forms part of the Contract Documents. This drawing revises the masonry wall finishes noted on ENLARGED FLOOR PLAN-FRONT ENTRY 4/A-400.
 - b. Drawing No. A-701.1, dated 08/07/13, accompanies this Addendum and forms part of the Contract Documents. This drawing revises the masonry wall finishes noted on WEST ELEVATION - LOBBY 5/A-701.
 - c. Drawing No. A-701.2, dated 08/07/13, accompanies this Addendum and forms part of the Contract Documents. This drawing revises the masonry wall finishes noted on EAST ELEVATION - LOBBY 6/A-701.
- 7. Drawing No. A-803:
 - a. Detail 6 SKYLIGHT DETAIL: Change note, Dome Unit Skylight w/ Aluminum Frame. Refer to Roof Plan & Specifications, to “Metal-Framed Skylight. Refer to Roof Plan & Specifications”
- 8. Drawing No. E-006:
 - a. Add type ‘FV’ fixture, which is 4ft., wall mount, with 2-32w,T8 lamps, electronic ballast, Make is Lithonia WM 2-32 or equivalent.
- 9. Drawing No. E-100:
 - a. Eliminate note 25 key indication shown on detail 2, electric room.
- 10. Drawings No. E-100,102:
 - a. Panel EL2 is shown in 2 locations. The correct location is on Drawing E102, East bay North Wall.
- 11. Drawing No. E-102:
 - a. In welding shop room 100, in 100a disconnect in shown in N.E.area of room, provide 50a fuses in lieu of 100a fuses shown.
- 12. Drawing No. E-200:
 - a. Room 132 locker room vestibule light fixture shown as type ‘FQ’ should read type “FF”
 - b. At the top of drawing, loading dock area South exterior wall the 2 fixtures shown as type ‘FX’, should read as type ‘FK’
 - c. Installation note 2 was eliminated. Disregard all key symbols for note 2 on the drawing layout. This note was superseded by notes 17 and 18.
- 13. Drawing No. E-304:
 - a. Detail 4. Cable tray shown shall be a minimum 1ft wide.
 - b. Detail 4, Cable tray may be used for coax and speaker as well as Cat6.
- 14. Drawings No. E-600,601:

- a. Speakers shown in outbuildings shall connect to main PA system in main data room.

END OF ADDENDUM

James Dirolf, P.E.
Director of Design

SECTION 033511

CONCRETE FLOOR FINISHES

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Surface treatments for concrete floors and slabs.

1.02 RELATED REQUIREMENTS

- A. Section 033000 - Cast-in-Place Concrete: Finishing of concrete surface to tolerance; floating, troweling, and similar operations; curing.

1.03 ADMINISTRATIVE REQUIREMENTS

- A. Coordinate the work with concrete floor placement and concrete floor curing.

1.04 SUBMITTALS

- A. Product Data: Manufacturer's published data on each finishing product, including information on compatibility of different products and limitations.
- B. Maintenance Data: Provide data on maintenance and renewal of applied finishes.

1.05 MOCK-UP

- A. For coatings, construct mock-up area under conditions similar to those that will exist during application, with coatings applied.
- B. Mock-Up Size: 10 feet square.
- C. Locate where directed.
- D. Mock-up may remain as part of the work.

1.06 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials in manufacturer's sealed packaging, including application instructions.

1.07 FIELD CONDITIONS

- A. Maintain light level equivalent to a minimum 200 W light source at 8 feet above the floor surface over each 20 foot square area of floor being finished.
- B. Do not finish floors until interior heating system is operational.
- C. Maintain ambient temperature of 50 degrees F minimum.

PART 2 PRODUCTS

2.01 CONCRETE FLOOR FINISH APPLICATIONS

- A. Provide polished stained concrete system in Entry Lobby C-1..
- B. Liquid Densifier/Hardener:
- C. Acetone Dye Stain:
 - 1. Color 1:
 - a. To be selected by architect at submittal phase.
 - 2. Color 2:
 - a. To be selected by architect at submittal phase.

D. High Gloss Clear Penetrating Sealer:

2.02 DENSIFIERS AND HARDENERS

- A. Liquid Densifier/Hardener: Penetrating chemical compound that reacts with concrete, filling the pores and dustproofing; for application to concrete prior to set.
1. Composition: Lithium Densifier.
 2. Products:
 - a. ***Basis of Design: Scofield Formula One -LD MP***
 - b. High performance hardening and dust proofing compound that is chemically reactive and permanently bonds to concrete formulated to be used in conjunction with integrally colored concrete. Apply per manufacturer's instructions.
 - 1) Abrasion Resistance: ASTM C779
 - 2) Impact Strength: ASTM C805
 - 3) Ultra Violet Light and Water Spray: ASTM G23-81
 - c. Substitutions: See Section 016000 - Product Requirements.

2.03 COATINGS

- A. Concrete Stain: Translucent, penetrating compound for interior or exterior use; must be finished with a topical sealer.
1. Composition: Non-volatile acid based, chemically reactive.
 2. Basis of Design Scofield Formula One Liquid Dye Concentrate.
 - a. Acetone soluble color liquid dye concentrate. Apply per manufacturer's instructions.
 - 1) SC-Color 1: Consisting of two colored layers of stain. Spray applied.
 - 2) SC-Color 2: Consisting of two colored layers of stain. Spray applied.
 - 3) Architect to select colors from full range.
 3. VOC: 10.7 g/L.
 4. Primary Color: to be selected from manufacturers full line of colors, in a formulation to match approved mock-up.
 5. Secondary Color: to be selected from manufacturers full line of colors, applied after primary color has completely dried, in a formulation to match approved mock-up.
 6. Application:
 - a. Primary Color: Spray applied.
 - b. Secondary Color: Spray applied.
- B. High Gloss Clear Sealer: Transparent, non-yellowing, water-based coating, lithium fortified, penetrating sealer.
1. Products:
 - a. Basis of Design: Scofield Formula One Guard-W water-borne acrylic penetrating material formulated to protect polished concrete from normal staining and to enhance gloss.
 - 1) Lithium Protective Finish. Apply per manufacturer's instructions.
 - (a) Slip Resistance: ASTM S2047 - >.6 Static Coefficient of Friction.
 - (b) Impact Strength: ASTM C805.

2.04 POLISHED CONCRETE SYSTEM

- A. Polished Concrete System: Materials, equipment, and procedures designed and furnished by a single manufacturer to produce dense polished concrete of the specified sheen.
1. Acceptable Systems:
 - a. Basis of Design Scofield Formula One].
 - b. Substitutions: See Section 016000 - Product Requirements.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Verify that floor surfaces are acceptable to receive the work of this section.
- B. Verify that flaws in concrete have been patched and joints filled with methods and materials suitable for further finishes.

3.02 GENERAL

- A. Apply materials in accordance with manufacturer's instructions.

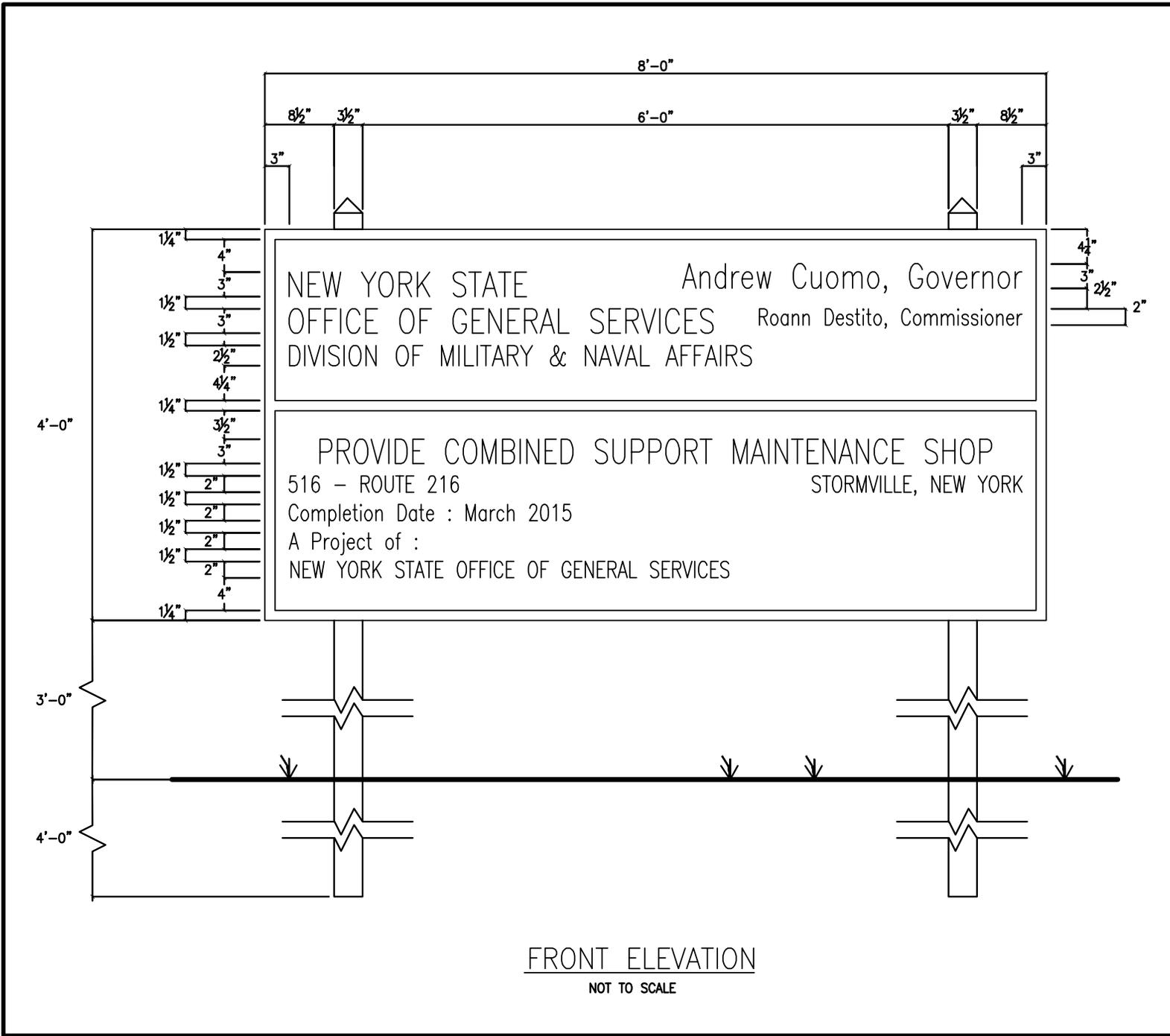
3.03 COATING APPLICATION

- A. Verify that surface is free of previous coatings, sealers, curing compounds, water repellents, laitance, efflorescence, fats, oils, grease, wax, soluble salts, residues from cleaning agents, and other impediments to adhesion.
- B. Verify that water vapor emission from concrete and relative humidity in concrete are within limits established by coating manufacturer.
- C. Protect adjacent non-coated areas from drips, overflow, and overspray; immediately remove excess material.
- D. Apply coatings in accordance with manufacturer's instructions, matching approved mock-ups for color, special effects, sealing and workmanship.

3.04 CONCRETE POLISHING

- A. Execute using materials, equipment, and procedures specified by manufacturer, using manufacturer approved installer.
 - 1. Final Polished Sheen: Honed, polished finish; other sheens are included as comparison to illustrate required sheen; final sheen is before addition of any sealer or coating, regardless of whether that is also specified or not.
- B. Protect finished surface as required and recommended by manufacturer of polishing system.

END OF SECTION



FRONT ELEVATION
NOT TO SCALE



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CONTRACT:	CONSTRUCTION
PROJ. NO.:	44362
DATE:	08/14/2013
DRAWN:	M.Y.
APPROVED:	—

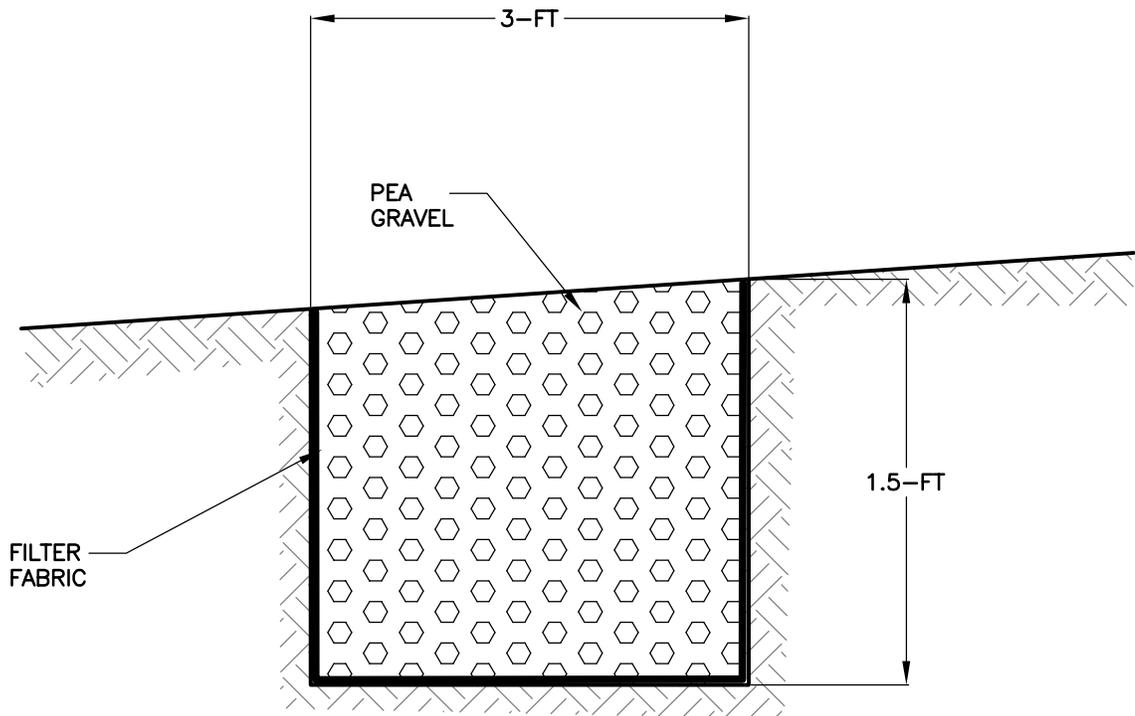
SHEET TITLE:

PROJECT SIGN

PROJECT: COMBINED SUPPORT MAINTENANCE SHOP
516 ROUTE 216
STORMVILLE, NY

WARNING: THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE 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 "A" MISDEMEANOR.

DWG NO.:
C-160.1



STONE DIAPHRAGM DETAIL

NO SCALE



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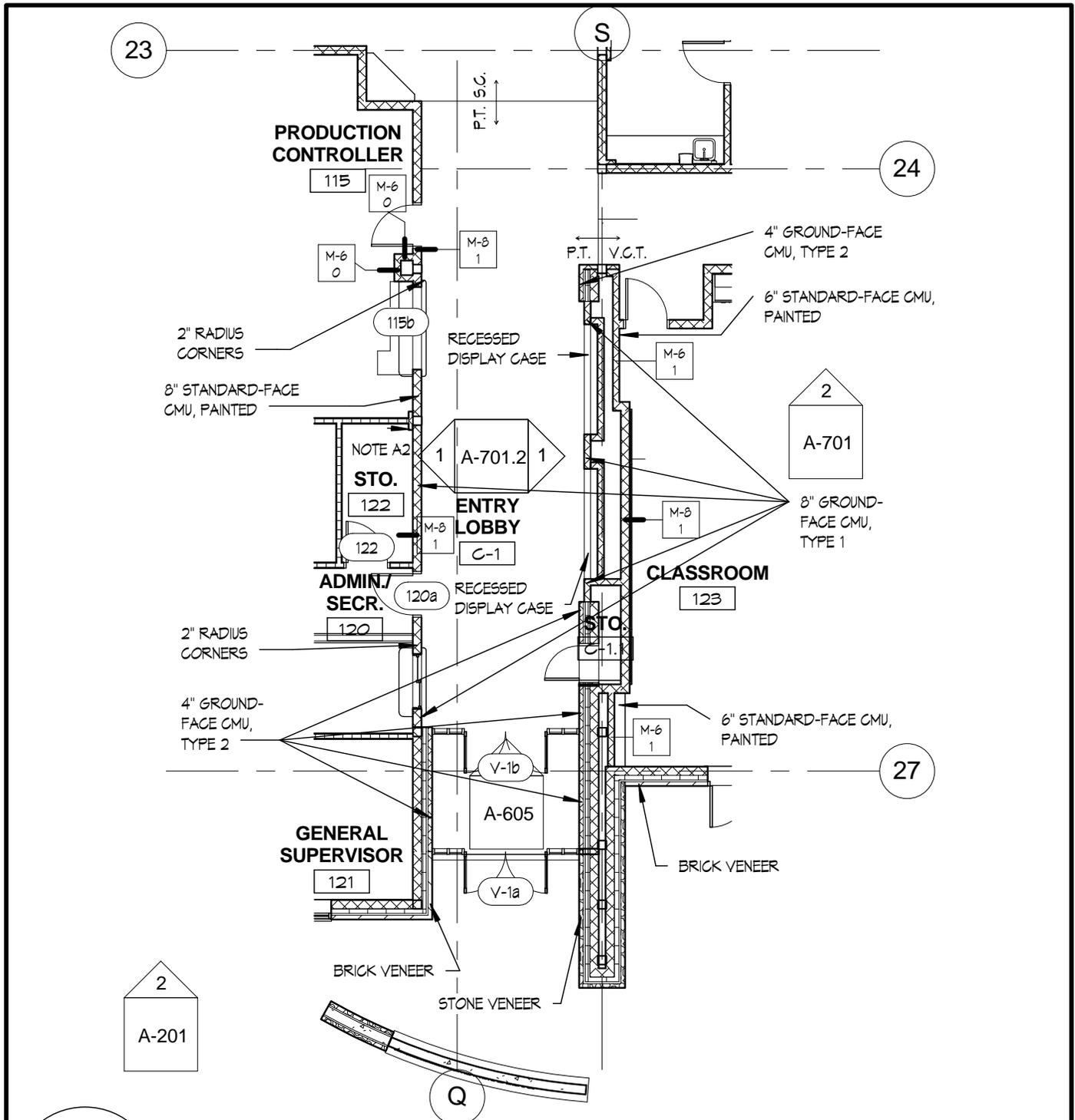
CONTRACT: **CONSTRUCTION**
 PROJ. NO: **44362-C**
 DATE: **08/13/13**
 DRAWN: **RJY**
 APPROVED: **-**

SHEET TITLE: **EROSION CONTROL
 DETAILS AND
 SWPPP NOTES**

PROJECT: **PROVIDE COMBINED SUPPORT
 MAINTENANCE SHOP**

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DWG NO:
C-533A



1 ENLARGED FLOOR PLAN - FRONT ENTRY

3/32" = 1'-0"

REVISIONS TO CMU TYPES



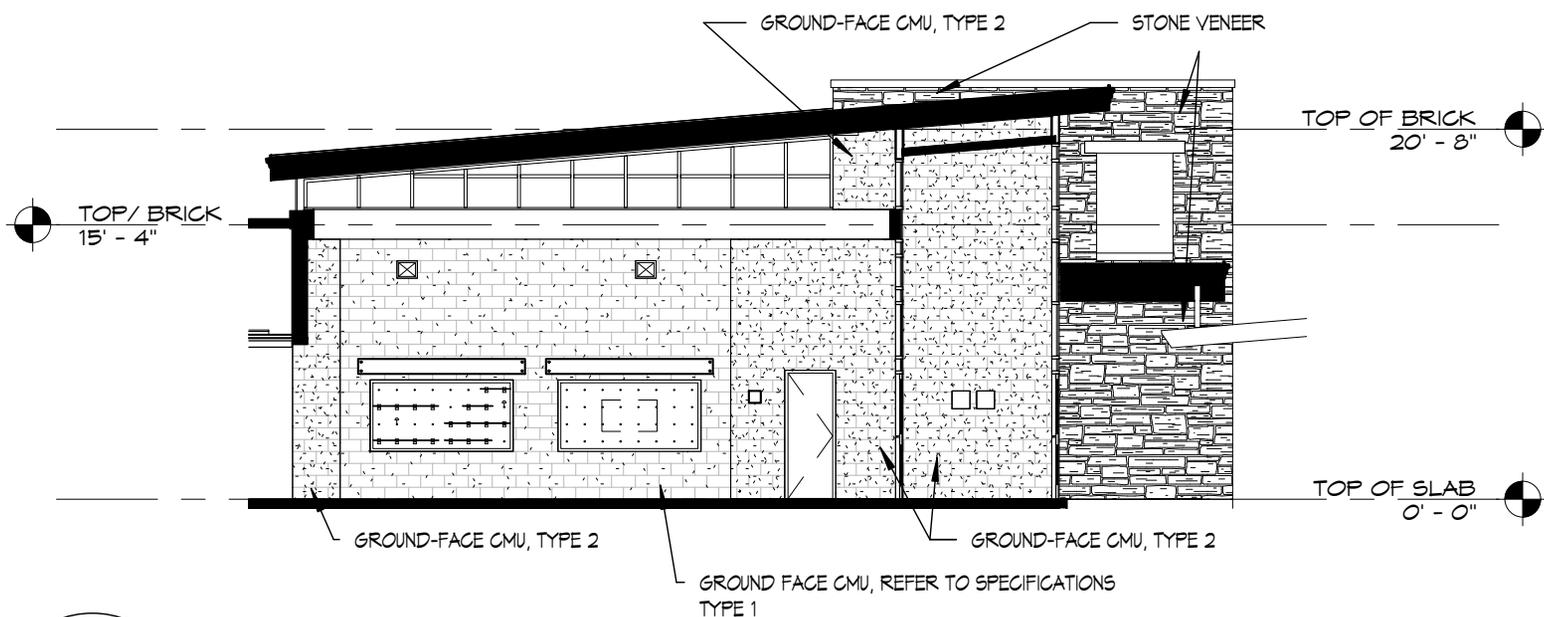
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ENLARGED FLOOR PLAN - FRONT ENTRY

PROJECT: COMBINED SUPPORT MAINTENANCE SHOP
516 ROUTE 216
STORMVILLE, NY

CONTRACT:	CONSTRUCTION
PROJ. NO:	44362
DATE:	08/07/13
DRAWN:	M.Y.
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DWG NO:
A400.1



WEST ELEVATION - LOBBY

SHEET TITLE:

PROJECT: COMBINED SUPPORT MAINTENANCE SHOP
 516 ROUTE 216
 STORMVILLE, NY

DWG NO: **A701.1**

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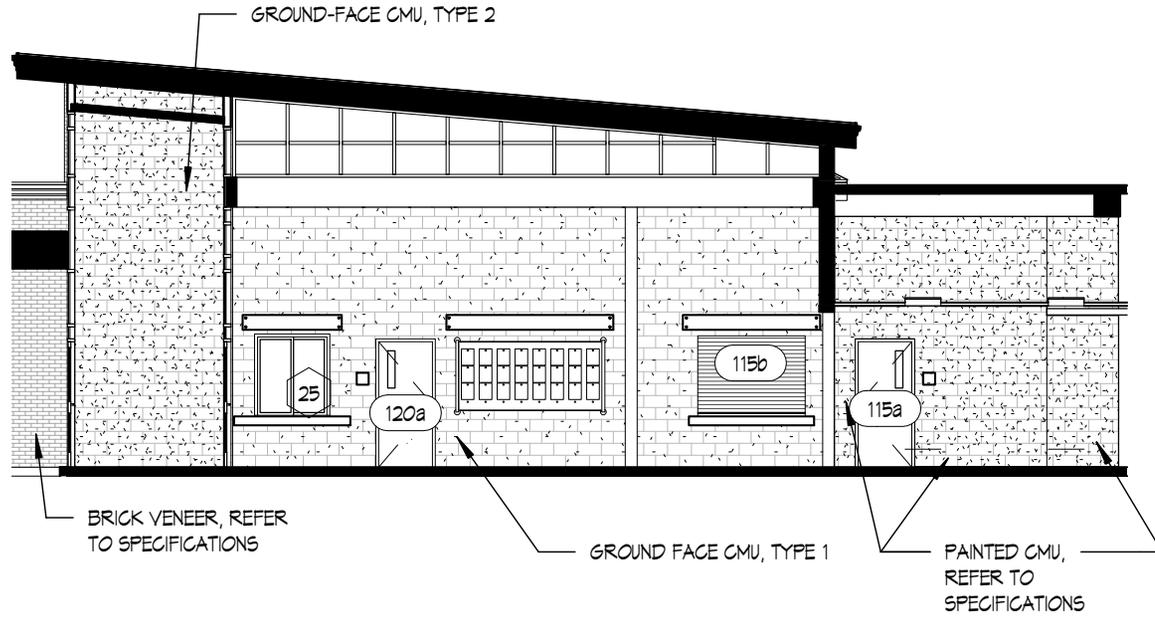
1 WEST ELEVATION - LOBBY

3/32" = 1'-0"

REVISIONS TO CMU TYPES



Seving New
 CONTRACT: CONSTRUCTION
 PROJ. NO: 44362
 DATE: 08/07/13
 DRAWN: M.Y.
 APPROVED: —



1

EAST ELEVATION - LOBBY

3/32" = 1'-0"

REVISIONS TO CMU TYPES



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CONTRACT: CONSTRUCTION
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 DATE: 08/07/13
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SHEET TITLE:

EAST ELEVATION - LOBBY

PROJECT: COMBINED SUPPORT MAINTENANCE SHOP

516 ROUTE 216
 STORMVILLE, NY

DWG NO:

A701.2

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