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STATE OF NEW YORK
OFFICE OF GENERAL SERVICES
DESIGN AND CONSTRUCTION GROUP
THE GOVERNOR NELSON A. ROCKEFELLER
EMPIRE STATE PLAZA
ALBANY, NY 12242

ADDENDUM NO. 7 TO PROJECT NO. 44808

CONSTRUCTION WORK, HVAC WORK, PLUMBING WORK, AND ELECTRICAL WORK
RENOVATE BUILDING NO. 5
STATE OFFICE BUILDING CAMPUS
1220 WASHINGTON AVENUE
ALBANY, NY

January 8, 2014

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.

CD WRITING ERRORS ADDENDUM NO. 6

1. SECTION 013113 PROJECT SCHEDULE: A revised version of this Section was inadvertently included with this Addendum. Please disregard this revised section.

CHANGES TO ADDENDUM NO. 3

2. Item No. 1: Change "A-501" to read "A-510".

CHANGES TO ADDENDUM NO. 6

3. Item No. 3: Delete this item in its entirety, including attached proposed Project Schedule.

4. Item No. 60: Change "3.03" to read "3.05".

5. Item No. 74: Article **2.09 COOLING COIL CONDENSATE DRAIN PUMP CP-1** shown under Item 75 applies to Item 74 and not Item 76 as shown.

6. Item No. 75: Change "230529-6" to read "220529-6".

7. Item Nos. 101 a. and 102 a.: Add the following sentences:
"Remove existing 26 gauge 6" x 6" angle metal flashing at perimeter of spandrel beam bottom flange that attaches to exterior window wall and dispose off site. Typical all perimeter spandrel beam locations at all window walls. "

8. Item Nos. 105 and 106: Delete these items in their entirety, and replace with the following:
   "105. Addendum Drawings:
      a. Drawing Nos. A-506.1, A-508.1, H-201, H-202, H-203, H-204, H-205, H-206, and H-501 noted "ADDENDUM DRAWING 12/17/13" accompany this Addendum and form part of the Contract Documents.
   106. Revised Drawings:
      a. Drawing Nos. C-104, AD-010, AD-011, AD-012, AD-013, AD-014, AD-015, A-101, A-102, A-111, A-112, A-121, A-122, A-131, A-132, A-141, A-142, A-151, A-152, A-161, A-162, A-410, A-411, A-412, A-413, A-414, A-415, A-416, A-417, A-505, A-509, and A-509.1 noted "REVISED DRAWING 12/17/13, and accompany this Addendum, supersede the same numbered originally issued drawings.
      b. Drawing Nos. SR-102, and noted "REVISED DRAWING 12/18/13, and accompany this Addendum, supersede the same numbered originally issued drawings."

9. Item No. 134: Delete this Item in its entirety.

10. Item No. 144: Change "D/10" column line to read "D/11".

11. Item No. 150: Change "WEST" to read "EAST", and change "KEYED NOTES" to read "GENERAL NOTES".

12. Item No. 151: Change "EAST" to read "WEST", and change "KEYED NOTES" to read "GENERAL NOTES".

13. Item No. 152: Change "WEST" to read "EAST", and change "KEYED NOTES" to read "GENERAL NOTES".

14. Item No. 153: Change "EAST" to read "WEST", and change "KEYED NOTES" to read "GENERAL NOTES".

15. Item No. 154: Change "WEST" to read "EAST", and change "KEYED NOTES" to read "GENERAL NOTES".

16. Item No. 155: Change "KEYED NOTES" to read "GENERAL NOTES".

17. Item No. 156: Change "WEST" to read "EAST", and change "KEYED NOTES" to read "GENERAL NOTES".

18. Item No. 157: Change "KEYED NOTES" to read "GENERAL NOTES".

19. Item No. 158: Add the words "dimension of the length of the entire switchgear lineup (including transformers, medium voltage switches, and 480V gear)" after the word "Max." in the second line.

20. Item No. 161 g.: Change "218" to read "216".

21. Item No. 163 f.: Change "318" to read "316".

22. Item No. 165 f.: Change "418" to read "416".

23. Item No. 167 f.: Change "518" to read "516".

24. Item No. 167 i.: Change "635" to read "535".

25. Item No. 205: For Addendum Drawing No. ED-109, Change "44808-C" project number to read "44808-E".

COMMON DIVISION 0 DOCUMENTS

26. DOCUMENT 003113 PRELIMINARY PROJECT SCHEDULE: Discard this Document and attached Proposed Project Schedule issued with Addendum No. 3 (noted REVISED 12/2/13) and substitute the attached Document (pages 003113-1) noted "REVISED 1/8/14", and Proposed Project Schedule (pages 1 thru 5) noted "REVISED 1/8/2014"..

COMMON DIVISION 1 SECTIONS

27. SECTION 013113 PROJECT SCHEDULE: Discard the Section bound in Project Manual and substitute the attached Section (pages 013113-1 thru 013113-7) noted "REVISED 1/8/14".

CONSTRUCTION WORK SPECIFICATIONS

28. SECTION 023313 UNDERGROUND UTILITY LOCATOR SERVICE: Discard the Section bound in the Project Manual and substitute the attached Section (pages 023313-1 thru 023313-2) noted "REVISED 1/8/14".

29. Page 054000-4, Paragraph 3.03 F.: Add the following Subparagraphs:
"3. No powder actuated fasteners allowed into existing cellular steel deck.
4. Provide supplemental steel between structural steel framing to support upper track of partition."

30. Page 092116-6, Paragraph 3.03 E (dated 12/18/13): Add the following Subparagraphs:
"12. No powder actuated fasteners allowed into existing cellular steel deck.
13. Provide supplemental steel between structural steel framing to support upper track of partition."

31. Page 092213-3, Paragraph 3.01 B.: Add the following Subparagraphs:
"10. No powder actuated fasteners allowed into existing cellular steel deck.
11. Provide supplemental steel between structural steel framing to support upper track of partition."

32. Page 095300- 7, Subparagraph 3.03 A.3.: Add the following sentence:
"Paint all cut edges to match tile color before installation."

33. SECTION 102113 METAL TOILET COMPARTMENTS: Discard the Section bound in Project Manual, and substitute the attached Section (pages 102113-1 thru 102113-4) noted "REVISED 1/8/14".

34. SECTION 084233 SECURITY DOOR SYSTEM: Add the attached Section (pages 084233-1 thru 084233-5) to the Project Manual.

35. Page 087100-18, Paragraph 2.04 AT (dated 12/18/13).: Delete this Paragraph in its entirety, and replace with the following:
"AT. Group 46 :
1. Hinge: 8ea – Stanley FBB 168 4 ½ x 4 ½ x 626.
2. Exit Device: 2ea – Corbin Russwin ED5860B x M55 x N910 x 630.
3. Closer: 2ea – Norton 7224-MPO x 24V x 689.
4. Wall Stop: 2ea – Rockwood 400 x 626.
5. Meeting Stile Smoke Gasketing: 2pc – Pemko 18041CSB.
6. Smoke Seals: 1set – Pemko S44 x BL."

36. Page 092213-1, Paragraph 2.01 A.: Delete this Paragraph in its entirety and replace with the following:
"A. Studs, Tracks, and Furring: ASTM C 645;
1. Stud length up to 10 ft: 25 gage galvanized steel.
2. Stud length up to 14 ft: 20 gage galvanized steel.
3. Stud length up to 18 ft: 18 gage galvanized steel.
4. Provide additional framing members, reinforcing, accessories, and anchors necessary for the complete framing system."

37. SECTION 104400 FIRE PROTECTION SPECIALTIES : Add the attached Section (pages 104400-1 thru 104400-2) to the Project Manual.

HVAC WORK SPECIFICATIONS

38. Page 230923-8, Paragraph 2.01 A.: Add the following Subparagraph:
"9. TBS Controls, LLC, 6 Pearl Court, Suite 6B, Allendale, NJ 07401, (201) 327-9500, www.tbscontrols.com".

39. Page 232000-21, Subparagraph 3.09 C.2.a.: Delete this Subparagraph in its entirety, and replace with the following:
"a. 3 inch and Less: SW BS pipe with SE SW CI fittings or GE fittings, or Type L hard drawn copper tubing with wrought copper or cast copper alloy solder fittings, and Type 3 solder."

40. Page 232000-22, Subparagraph 3.09 C.4.a.: Delete this Subparagraph in its entirety, and replace with the following:
"a. 3 inch and Less: SW BS pipe with SE SW CI fittings or GE fittings, or Type L hard drawn copper tubing with wrought copper or cast copper alloy solder fittings, and Type 3 solder."

PLUMBING WORK SPECIFICATIONS

41. SECTION 220519 COLD WATER METERS, Paragraph 2.01 G. (refer to Item No. 47 in Addendum No. 3): Delete this Paragraph in its entirety and replace with the following:
"G. Basis of Design Manufacturer/Model: Badger Meter, Inc. Recordall Compound Series Meter, 4" size, with Badger Bronze Plate Strainer, TWO Badger ER420 Flowrate/Totalizers with 4-20mA Output Signals, each mounted directly to Compound Series Mete."

ELECTRICAL WORK SPECIFICATIONS

42. SECTION 281300 ACCESS CONTROL – CCTV SYSTEM: Discard the Section bound in Project Manual and substitute the attached Section (pages 281300-1 thru 281300-8) noted "REVISED 1/8/14".

COMMON G SERIES DRAWINGS

43. Drawing G-003, NOTES, Note 4: Add the following sentences:
"The fencing described in this note is above and beyond what is shown on this drawing, install as directed in the field to encompass the OGS field trailer. Provide two additional lockable vehicle gates 16' wide to be installed at either end of frontage road for building 5 and two 4' wide pedestrian gates installed on sidewalk areas. Provide two Knox boxes on fence for AFD entry.

44. Drawing G-005, 2/A-005, FIRST FLOOR: Revise the entrance vestibule plan to match the revised Main Entrance Floor Plan, 01/A-429.1.

CONSTRUCTION WORK DRAWINGS

45. Addendum Drawing Nos. H-201 through H-205 (dated 12/17/13), Interior Abatement/Removal Key Note 1: Add the following sentences:
"Demolish and remove from site, concrete/brick and concrete mudset under all partitions down to structural deck as asbestos containing material- assume 6" thickness minimum. After final clearance airs are achieved, provide 3000 psi concrete fill to top of finish floor to receive floor track for new partitions."

46. Revised Drawing Nos. AD-010 thru AD-015 (dated 12/17/13), DEMOLITION NOTES, Note D1: Add the following to the end of Note:
"Repair and replace existing spray applied fireproofing at areas disturbed by removals."

47. Drawing No. AD-012, FIRST FLOOR DEMOLITION PLAN – EAST: Revise the entrance vestibule plan to remove the stone clad center wall at column line 9 including the back up support and rain leader.

48. Drawing No. AD-019, REFERENCE PLAN, 1/AD-019: Revise the entrance vestibule plan to remove the stone clad center wall at column line 9 including the back up support and rain leader.

49. Drawing No. AD-020:
    a. ENTRY – ENLARGED FLOOR PLAN, 1/AD-020: Revise plan to remove the stone clad center wall at column line 9 including the back up support and rain leader.
    b. ON THE ENTRY – NORTH ELEVATION, 2/AD-020: Revise plan to remove the stone clad center wall at column line 9 including the back up support and rain leader.

50. Drawing No. AD-101, FIRST FLOOR PLAN, 1/AD-101: Revise the entrance vestibule plan to remove the stone clad center wall at column line 9 including the back up support and rain leader.

51. Drawing No. AD-201, NORTH ELEVATION, 01/AD-201, and PARTIAL NORTH ELEVATION AT ENTRANCE, 03/AD-201: Revise the vestibule entrance elevation to remove the stone clad center wall at column line 9 including the back up support and rain leader.

52. Revised Drawing No. A-101 (dated 12/17/13, GROUND FLOOR PLAN EAST: Add Door Tag G31a to door in Janitor's Closet G31. Door frame and hardware shall be the similar to G21A.

53. Revised Drawing No. A-101 (dated 12/17/13), DOOR SCHEDULE, Door G35: Change "8/A-427" sill detail to read "8/A-429", and change "1/A-502" head detail to read "5/A-600".

54. Revised Drawing No. A-101 (dated 12/17/13), DOOR SCHEDULE, Door G36: Change "2/A-600" jamb detail to read "4/A-600", and change "1/A-600"head detail to read "2/A-600".

55. Revised Drawing No. A-101 (dated 12/17/13), GROUND FLOOR PLAN EAST: Add "C1/A-421" Enlarge plan callout for elevator area G06.

56. Revised Drawing No. A-101 (dated 12/17/13), GROUND FLOOR PLAN EAST: Tag Room G42, wall along column 8 as "S00".

57. Revised Drawing Nos. A-101 and A-102 (dated 12/17/13): Add the following General Note: "See drawing No. A-103 for new and altered areaways at exteior wall along column line D."

58. Revised Drawing Nos. A-101, A-102, A-111, A-112, A-121, A-122, A-131, A-132, A-141, A-142, A-151, A-152, A-161, and A-162 (dated 12/17/13), FRAME TYPES, Type F5: Change 6'-6" height to read 6'-8".

59. Revised Drawing A-102 (dated 12/17/13, DOOR SCHEDULE), Door G29: Change "8/A-427" sill detail to read "8/A-429", and change "1/A-502"head detail to read "5/A-600".

60. Revised Drawing Nos. A-102, A-111, and A-112 (dated 12/17/13), DOOR SCHEDULE: Change all references of "A-427" to read "A-429".

61. Drawing No. A-104, FIRST FLOOR PLAN, 01/A-104: Revise the entrance vestibule plan to match the Main Entrance Vestibule Floor Plan, 01/A-429.1.

62. Revised Drawing No. A-111 (dated 12/17/13), FIRST FLOOR PLAN – EAST, 1/A-111: Revise the entrance vestibule plan to match the Main Entrance Vestibule Floor Plan, 01/A-429.1.

63. Revised Drawing No. A-111 (dated 12/17/13): Demountable Wall types for rooms 103, 104, 118, 119, and 120 shall be as indicated for rooms 114,115 and 116.

64. Revised Drawing Nos. A-101, A-102, A-111, A-112, A-121, A-122, A-131, A-132, A-141, A-142, A-151, A-152, A-161, and A-162 (dated 12/17/13): Add the following Note:
"Add (8) fire extinguisher cabinets (FEC-1) per floor. Locate cabinets where directed in the field."

65. Revised Drawing No. A-112 (dated 12/17/13): DOOR SCHEDULE, Door 136: Change "136 Building Supervisor" door location to read "136 Reception Area".

66. Revised Drawing No. A-112 (dated 12/17/13), DOOR SCHEDULE, Door 137-DM: Change "137 Enclave" door location to read "137 Conference Room".

67. Revised Drawing A-112 (dated 12/17/13), DOOR SCHEDULE, Door 138-DM: Change "138 Enclave" door location to read "138 Building Manager",

68. Revised Drawing Nos. A-112, 122, 132, 142, 152, and 162 (dated 12/17/13): Door 202A, 302A, 402A, 502A, and 602A shall be a 0.75 hour rated door and frame.

69. Revised Drawing Nos. A-111, A-121, A-122, A-131, A-132, A-141, A-142, A-151, A-152, A-161, and A-162 (dated 12/17/13): General Note: Reference A-506.1 for additional work where detail reference 1/A-416 is indicated on plans

70. Revised Drawing No. A-122 (dated 12/17/13), DOOR SCHEDULE, Door 204: Change "204" to read "204-DM".

71. Revised Drawing No. A-131 (dated 12/17/13), DOOR SCHEDULE, Door 332-DM: Add the following NOTE Column: "DOOR, FRAME HW BY DEMOUNTABLE MFGR".

72. Revised Drawing No. A-151 (dated 12/17/13), DOOR SCHEDULE, Door 532: Change "532" to read "532-DM",and add the following to in NOTE Column: "DOOR, FRAME HW BY DEMOUNTABLE MFGR."

73. Revised Drawing No. A-161 (dated 12/17/13): DOOR SCHEDULE, Door 610-DM: Change "210 Enclave" door location to read "610 ENCLAVE".

74. Revised Drawing No. A-161 (dated 12/17/13), FLOOR PLAN, Room 636: Change "636" Door No. to read "636-DM".

75. Revised Drawing No. A-162(dated 12/17/13), DOOR SCHEDULE, Door 631: Change "EX" Door Type to read "B".

76. Drawing No. A-201, NORTH ELEVATION, 01/A-201, and PARTIAL NORTH ELEVATION, 03/A-201: Revise the entrance vestibule elevation to match the revised Entry Vestibule Elevation (Outer Doors), 02/A-429.1.

77. Drawing No. A-405:
    a. ENTRY – ENLARGED FLOOR PLAN, 1/A-405: Revise the entrance vestibule plan to match the Main Entrance Vestibule Floor Plan, 01/A-429.1.
    b. ENTRY – NORTH ELEVATION, 2/A-405: Revise the entrance vestibule elevation to match the Entry Vestibule Elevation (Outer Doors), 02/A429.1.

78. Drawing No. A-409.1:
    a. Revise Drawing Key from "1/A-410" to read "1/A-409.1".
    b. CANOPY REFLECTED CEILING PLAN: Revise the entrance vestibule reflected ceiling plan to match the Main Entrance Reflected Ceiling Plan, 01/A-429.2.

79. Revised Drawing No. A-410 (dated 12/17/13), PLAN 1, Stair G39: Remove wall tag S06R where indicated at existing chase wall. Reference DWG A-418, 1/A-418 and keyed stair construction Note 1 for required work.

80. Revised Drawing No. A-410 (dated 12/17/13), PLAN 2, Stair G39: Remove wall tag S06R where indicated at existing chase wall. Reference DWG A-418, 1/A-418 and keyed stair construction Note 1 for required work.

81. Revised Drawing No. A-410 (dated 12/17/13), PLAN 1, Room G32 WOMENS ROOM and Room G30 MENS ROOM and Room G31 JANITORS CLOSET: All wall types shall have the suffix "T" add to all tags, indicating tile backer board and tile, see Revised Drawing A-505 (dated 12/17/13) for Partition Legend.

82. Revised Drawing No. A-410 (dated 12/17/13), PLAN 2, Room G23 WOMENS ROOM and Room G25 MENS ROOM and Room G24 JANITORS CLOSET: All wall types shall have the suffix "T" add to all wall tags indicating tile backer board and tile, see Revised Drawing A-505 (12/17/13) for Partition Legend.

83. Revised Drawing No. A-412 (dated 12/17/13): Change "1/A-427" plan detail reference callout at 101A and 101B Vestibule to read "1/A-429".

84. Revised Drawing No. A-412 (dated 12/17/13): Lobby 102, Elevation callout, reference elevation 1, add the following clarification. "Though interior elevation does not show security barriers and security doors the work indicated on this plan shall be included".

85. Revised Drawing No. A-412 (dated 12/17/13): At column C/10 in Fire Control Station the new wall type shall be "S04".

86. Revised Drawing No. A-412 (dated 12/17/13): At column D/10 in Reception Area the new wall type shall be "S04".

87. Revised Drawing No. A-412 (dated 12/17/13): At former lobby door openings near columns B/7 and B/11, where door frame shall remain, finish frames as detailed at 9/A-600.

88. Revised Drawing No. A-413 (dated 12/17/13): Referenced elevation 1, add the following "Though interior elevation does not show security barriers and security doors the work indicated on plan A-412 shall be included".

89. Revised Drawing No. A-413 (dated 12/17/13), INTERIOR ELEVATIONS AT THE MAIN LOBBY, 2/A-413: Revise the third elevation to be similar to the Entry Vestibule Elevation (Inner Doors), 03A/A-429.1.

90. Revised Drawing No. A-414 (dated 12/17/13): PLAN 2, Room 129 MENS ROOM and Room 131 WOMENS ROOM and Room 130 JANITORS CLOSET: All wall types shall have the suffix "T" add to all tags, indicating tile backer board and tile, see Revised Drawing A-505 (12/17/13) for Partition Legend.

91. Revised Drawing No. A-414 (dated 12/17/13), FIRST FLOOR ENLARGED PLANS EAST AND WEST CORE: Delete the dimensions shown on this drawing and use the dimensions shown on Addendum Drawing A-410 issued under Addendum 6. Drawing A-414 applies to First Floor through the Sixth Floor. Verify dimensions in field.

92. Revised Drawing No. A-416 (dated 12/17/13): Demountable partition column 9 and 11 shall be consistent at 8'-5" height with 7'-10" tall doors. Partition shall terminate at gypsum board soffit that shall run continuously from gridline D to C along column lines 9 and 11.

93. Revised Drawings Nos. A-416 and 417 (dated 12/17/13): Partition shown between Column lines B8 and B11 shall be Type S00R with 16 gauge nested studs to deck above (2 per window frame jamb and head). This is typical for Second Floor through Sixth floors.

94. Revised Drawing No. A-417 (dated 12/17/13): INTERIOR ELEVATION 3 , Column 9: Soffit above not shown. Soffit elevation is 8'-5" AFF. Delete 8'-0" and 8'-0"AFF reference. Refer to reflected ceiling drawings for ceiling elevations.

95. Drawing No. A-420.1, FIRST FLOOR – OVERALL PLAN, B1/A-420.1: Revise the entrance vestibule plan to match the Main Entrance Floor Plan, 01/A-429.1.

96. Drawing No .A-422: Add the following Note:
"Add (4) fire extinguisher cabinets (FEC-1) in Penthouse. Locate cabinets where directed in the field."

97. Drawing No. A-429:
    a. MAIN ENTRANCE VESTIBULE FLOOR PLAN, 01/A-429: Revise to match the Main Entrance Vestibule Floor Plan, 01/A-429.1.
    b. ENTRY VESTIBULE ELEVATION (OUTER DOORS), 02/A-429: Revise to match the Entry Vestibule Elevation (Outer Doors), 02/A-429.1.

98. Revised Drawing No. A-505 (dated 12/17/13), GENERAL PARTITION NOTES, Note GP3. Delete the word "BASE".

99. Revised Drawing No. A-505 (dated 12/17/13), Detail 4/A-505: Delete the phrase, "3 5/8" METAL STUDS AT". At note "1/2" TITLE BACKER BOARD AND TILE" change "S06R"wall tag with "S06RT".

100. Revised Drawing No. A-505 (dated 12/17/13), GENERAL PARTITION NOTES: Add the following Note:
"GP4 ALL RATED WALLS SHALL TERMINATE AT HEAD PER DETAIL 8/A-508.1"

101. Revised Drawing No. A-506.1 (dated 12/17/13): Add continuous soffit at column line 11 at floors 2 thru 6 per detail 1/A-509.1.

102. Revised Drawing No. A-506.1 (dated 12/17/13), Detail 1: Add continuous soffit at column 11 at floors 2 thru 6 per Detail A-509.1.

103. Drawing No. A-600, Detail 10/A-600, Add the following Note "CONTRACTOR SHALL REFERENCE SPECIFICATION 084223 FOR SPECIFIC EQUIPMENT"

104. Drawing No. A-600, First Schedule in Series:
    a. Item No. 1, Device Schedule: Change "SWITCH-NORTON MODEL 574" to read "SWITCH".
    b. Item No. 1, Notes: Change "RFI RECIEVER" to read "SEE E DWGS".
    c. Item 2, Device Schedule: Change "VON DUPRIN EL99" to read "EXIT DEVICE".
    d. Item No. 4, Device Schedule: Change "VON DUPRIN SERIES PS873" to read "CONTROLLER MODULE".
    e. Item No. 5, Description: Change "NORTON 6900" to read "SWING DOOR OPEREATOR"
    f. Item Nos. 2,4 and 5: Change "12 VDC" to read "SEE E DWGS"

105. Drawing No. A-600, Second Schedule in Series:
    a. Item No. 2, Device Schedule: Change "FAIL SECURE ELECTRIC STRIKE (24 VDC)" to read "STRIKE".

106. Drawing No. A-600, Third Schedule in Series:
   a. Item No. 2, Device Schedule: Change "FAIL SECURE ELECTRIC STRIKE (24 VDC)" to read "EXIT DEVICE".

107. Drawing No. A-600, Detail 3: Change "BACKER ROD AND SEALANT AT PERIMETER TYPICAL" to read "BACKER ROD AND TYPE 1 SEALANT AT PERIMETER TYPICAL".

108. Drawing No. A-600, Detail 4: Change "BACKER ROD AND SEALANT AT PERIMETER TYPICAL" to read "BACKER ROD AND TYPE 1 SEALANT AT PERIMETER TYPICAL".

109. Drawing No. A-600, Detail 5: Change "BACKER ROD AND SEALANT AT PERIMETER TYPICAL" to read "BACKER ROD AND TYPE 1 SEALANT AT PERIMETER TYPICAL".

110. Drawing No. A-600, Detail 6: Add the following Note: "BACKER ROND AND TYPE 1 SEALANT BETWEEN FRAME AND ADJOINING CONSTRUCTION".

111. Drawing No. A-600, Detail 7:
   a. Change "BACKER ROD AND SEALANT AT PERIMETER TYPICAL" to read "BACKER ROD AND TYPE 1 SEALANT AT PERIMETER TYPICAL".
   b. Change "PAINTED CMU" to read "PAINTED CMU/CEMENTITIOUS PLASTER".

112. Drawing No. A-600, Detail 8: Change "CONTINUOUS BACKER ROD AND CONCAVE TOOLED SEALANT ON BOTH SIDES" to read "BACKER ROD AND TYPE 1 SEALANT AT PERIMETER TYPICAL".

113. Drawing No. A-600, Detail 9: Change "HOLLOW MENTAL DOOR" to read "HOLLOW METAL DOOR"

114. Drawing No. A-670, EXTERIOR DOOR SCHEDULE, Door No. G01-EXT: Change Door Type "E" t read" D2", and change the Frame Type "F3" to read "E".

115. Drawing No. S-103, PARTIAL ROOF FRAMING PLAN, 01/S-103: Revise the location of the two (2) added C12x20.7 channels on each side of column line 9 to be over the CMU back up supporting the stone cladding.

116. Drawings Nos. S-203 through S-214: At the 6th floor, the metal floor deck has been observed to consist of a cellular type of deck composed of a light gauge steel top and bottom plates that sandwich ribbed deck. A concrete topping approximately 2 ½" thick was placed over the top light gauge plate of the metal deck; refer to Addendum Drawing S-504 (dated 1/8/14). For bidding purposes assume that existing floor areas that are indicated to consist of a concrete slab on metal deck use the above construction. Field verify actual conditions at all floors.

117. Drawing No. CP-101: Refer to Revised Drawing A-101 (dated 12/17/13) for reconfiguration of spaces in G43 CBVH Storage.

118. Drawing No. CP-102: Refer to Revised Drawing A-102 (dated 12/17/13) for reconfiguration of spaces in Room G28 and G25.

119. Drawing No. CP-02: Delete reference to Shower Room at column B/16.

120. Drawing No. CP-102: Refer to Revised Drawing A-102 (dated 12/17/13) for reconfiguration of spaces in Rooms G15 Add suspended ceiling in new Office G40, 9'- 4" AFF. Refer to M and E drawings for equipment locations.

121. Drawing No. CP-102: Refer to Revised Drawing A-102 (dated 12/17/13) for reconfiguration of spaces in Rooms G15. New Room G45 added, suspended ceiling not required.

122. Drawing No. CP-112: Refer to Revised Drawing A-112 (dated 12/17/13) for reconfiguration of spaces in Rooms 105, 136, 137, and 138.

123. Drawing No. CP-112: Refer to Revised Drawing A-112 (dated 12/17/13) omit Room references to "Building Supervisor".

124. Drawing No. CP-112: Refer to Revised Drawing A-112 (dated 12/17/13) to revise Rooms 105, 136, 137, and 138 to have TYPE 1 suspended ceiling, elevation: 8'-0" AFF. Refer to "M/E & P" drawings for equipment locations.

125. Drawing No. CP-121: Refer to Revised Drawing A-121 (dated 12/17/13) to add gypsum board soffit above demountable partition along Column 9 D to 9C, align soffit width with Column D9, elevation 8'-5" AFF, refer to Detail 1/A-509.1.

126. Drawing No. CP-122: Refer to Revised Drawing A-122 (dated 12/17/13) to add 2'-0" wide gypsum board soffit above folding door along Column 10 D to 10C, elevation 8'-5" AFF, refer to Detail 3/A-506.1.

127. Drawing No. CP-122, Refer to Revised Drawing A-122 (dated 12/17/13) to add gypsum board soffit above demountable partition along Column 11 D to 11C, align soffit width with Column C11, elevation 8'-5" AFF, refer to Detail 1/A-509.1.

128. Drawing No. CP-131: Refer to Revised Drawing A-131 (dated 12/17/13) to add gypsum board soffit above demountable partition along Column 9 D to 9C, align soffit width with Column D9, elevation 8'-5" AFF, refer to Detail 1/A-509.1.

129. Drawing No. CP-132: Refer to Revised Drawing A-132 (dated 12/17/13) to add 2'-0" wide gypsum board soffit above folding door along Column 10 D to 10C, elevation 8'-5" AFF, refer to Detail 3/A-506.1.

130. Drawing No. CP-132: Refer to Revised Drawing A-132 (dated 12/17/13) to add gypsum board soffit above demountable partition along Column 11 D to 11C, align soffit width with Column C11, elevation 8'-5" AFF, refer to Detail 1/A-509.1.

131. Drawing No. CP-141: Refer to Revised Drawing A-141 (dated 12/17/13) to add gypsum board soffit above demountable partition along Column 9 D to 9C, align soffit width with Column D9, elevation 8'-5" AFF, refer to Detail 1/A-509.1.

132. Drawing No. CP-142: Refer to Revised Drawing A-142 (dated 12/17/13) to add 2'-0" wide gypsum board soffit above folding door along Column 10 D to 10C, elevation 8'-5" AFF, refer to Detail 3/A-506.1.

133. Drawing No. CP-142, Refer to Revised Drawing A-142 (dated 12/17/13) to add gypsum board soffit above demountable partition along Column 11 D to 11C, align soffit width with Column C11, elevation 8'-5" AFF, refer to Detail 1/A-509.1.

134. Drawing No. CP-151: Refer to Revised Drawing A-151 (dated 12/17/13) to add gypsum board soffit above demountable partition along Column 9 D to 9C, align soffit width with Column D9, elevation 8'-5" AFF, refer to Detail 1/A-509.1.

135. Drawing No. CP-152: Refer to Revised Drawing A-152 (dated 12/17/13) to add 2'-0" wide gypsum board soffit above folding door along Column 10 D to 10C, elevation 8'-5" AFF, refer to Detail 3/A-506.1.

136. Drawing No. CP-152: Refer to Revised Drawing A-152 (dated 12/17/13) to add gypsum board soffit above demountable partition along Column 11 D to 11C, align soffit width with Column C11, elevation 8'-5" AFF, refer to Detail 1/A-509.1.

137. Drawing No. CP-161: Refer to Revised Drawing A-161 (dated 12/17/13) to add gypsum board soffit above folding door along Column 9 D to 9C, align soffit width with Column D9, elevation 8'-5" AFF, refer to Detail 3/A-506.1.

138. Drawing No. CP-162: Refer to Revised Drawing A-162 (dated 12/17/13) to add 2'-0" wide gypsum board soffit above folding door along Column 10 D to 10C, elevation 8'-5" AFF, refer to Detail 3/A-506.1.

139. Drawing No. CP-162: Refer to Revised Drawing A-162 (dated 12/17/13) to add gypsum board soffit above demountable partition along Column 11 D to 11C, align soffit width with Column C11, elevation 8'-5" AFF, refer to Detail 1/A-509.1.

140. Addendum Drawings:
    a. Drawing Nos. A-425.1, A-425.2, A-425.3, A-429.1, and A-429.2 noted "ADDENDUM DRAWING 1/8/14" accompany this Addendum and form part of the Contract Documents.

141. Revised Drawings:
    a. Drawing Nos. S-504, S-505, and S-506 noted "REVISED DRAWING 1/8/14", and accompany this Addendum, supersede the same numbered originally issued drawings.

HVAC WORK DRAWINGS

142. Drawing No. M-802, DETAIL 2/M-802: Change "TYPICAL UH & UV COIL WITH 2 WAY CONTROL VALVE" Detail Title to read "TYPICAL CUH, UH & UV COIL WITH 2 WAY CONTROL VALVE"

143. Revised Drawings:
    a. Revised Drawing MD-102 (issued with Addendum No. 6 and dated 12/18/13, DETAIL 2/MD-102): Add "connect to existing" symbol to the 5 temporary pipes that connect to 5 existing pipes near column line 13. See DETAIL 1/MD-102 for existing piping east of Column Line 13.

PLUMBING WORK DRAWINGS

144. Addendum Drawings:
   a. Drawing No. P-136 noted "ADDENDUM DRAWING 1/8/14" accompanies this Addendum and forms part of the Contract Documents.

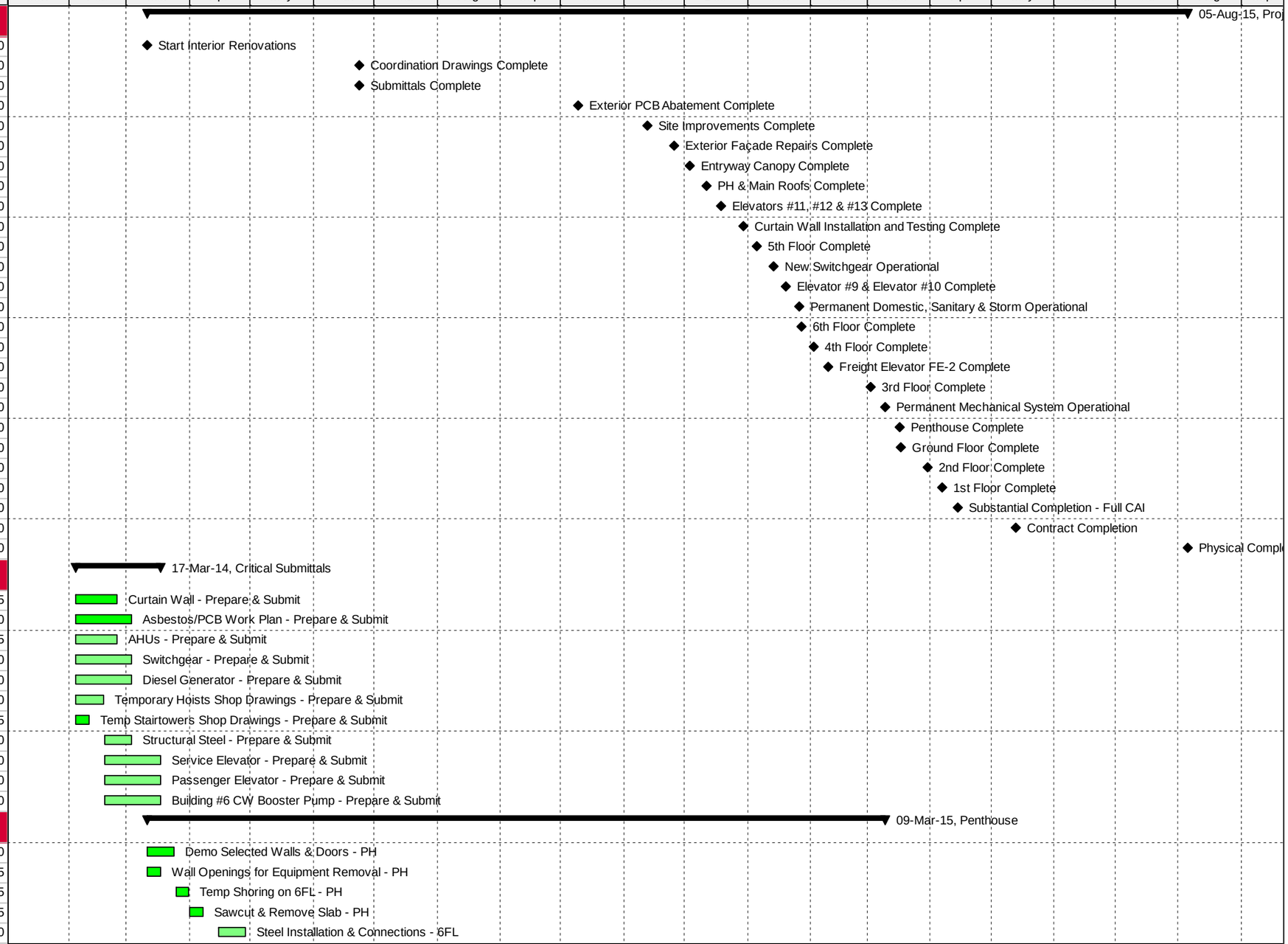
ELECTRICAL WORK DRAWINGS

145. Addendum Drawings:
   a. Drawing Nos. E-017, and E-018 noted "ADDENDUM DRAWING 1/8/14" accompany this Addendum and form part of the Contract Documents.

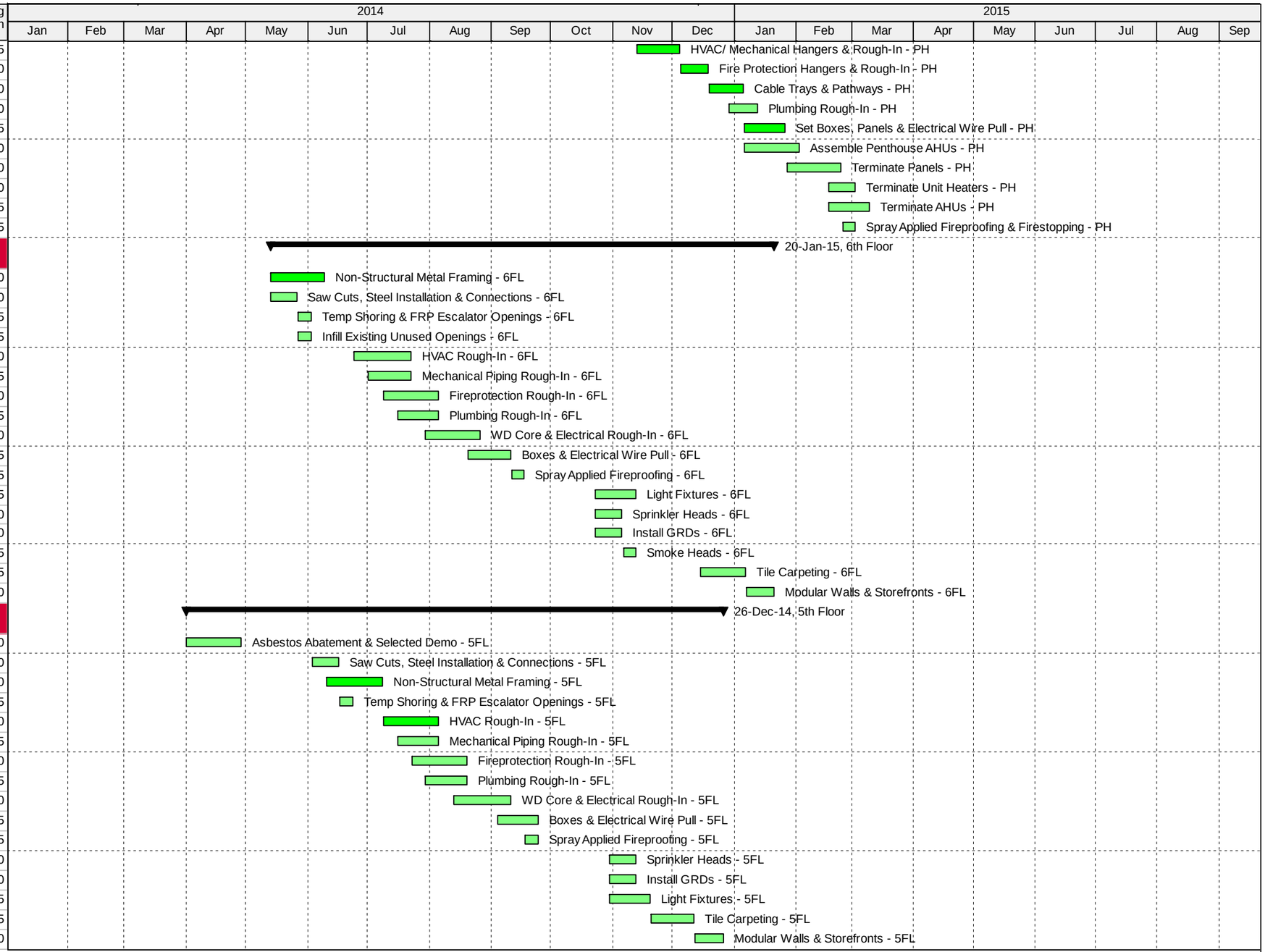
James Dirolf, P.E.
Director of Design

JRC:jc

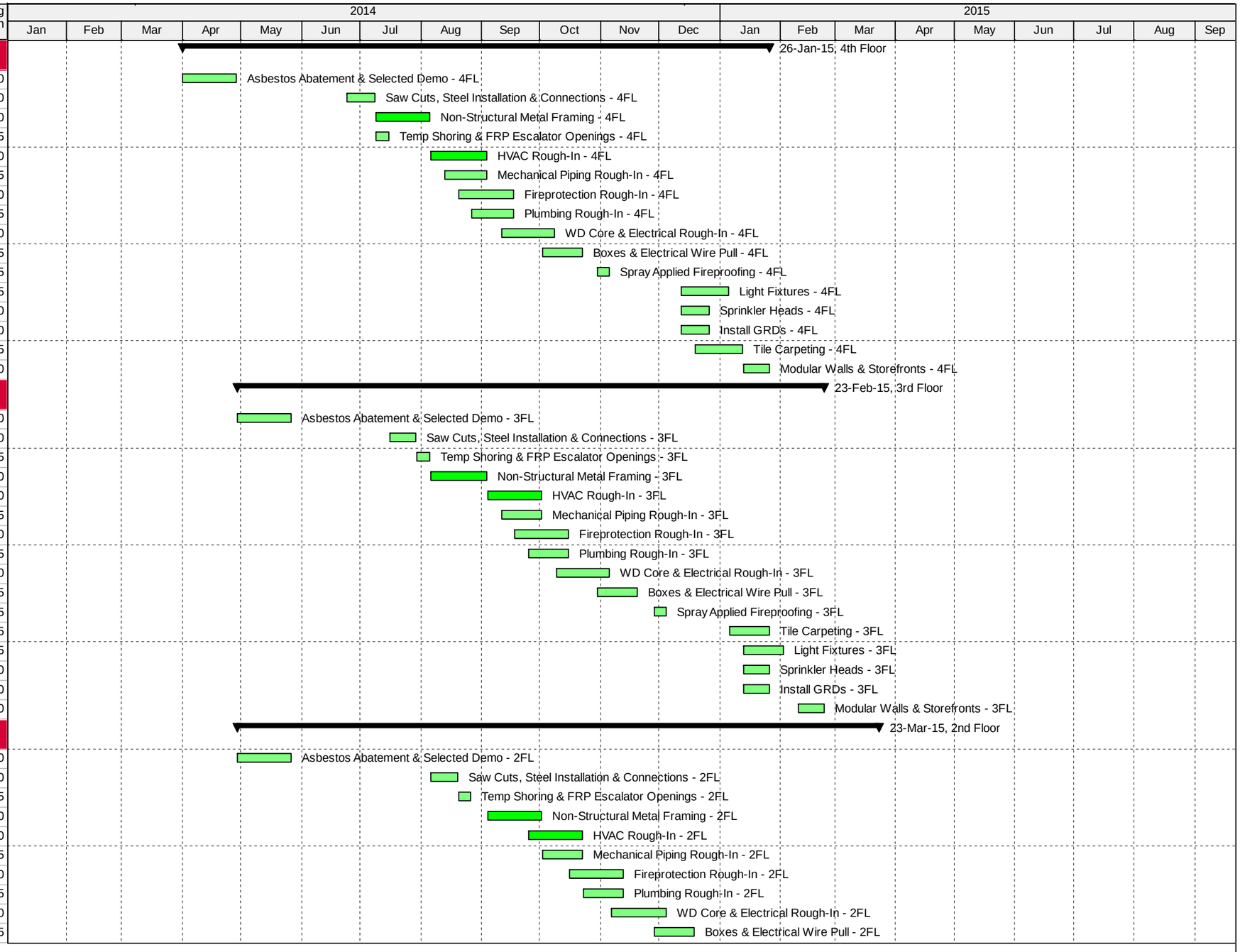
Activity Name	Remaining Duration
Project Milestones	
Start Interior Renovations	0
Coordination Drawings Complete	0
Submittals Complete	0
Exterior PCB Abatement Complete	0
Site Improvements Complete	0
Exterior Façade Repairs Complete	0
Entryway Canopy Complete	0
PH & Main Roofs Complete	0
Elevators #11, #12 & #13 Complete	0
Curtain Wall Installation and Testing Complete	0
5th Floor Complete	0
New Switchgear Operational	0
Elevator #9 & Elevator #10 Complete	0
Permanent Domestic, Sanitary & Storm Operational	0
6th Floor Complete	0
4th Floor Complete	0
Freight Elevator FE-2 Complete	0
3rd Floor Complete	0
Permanent Mechanical System Operational	0
Penthouse Complete	0
Ground Floor Complete	0
2nd Floor Complete	0
1st Floor Complete	0
Substantial Completion - Full CAI	0
Contract Completion	0
Physical Completion	0
Critical Submittals	
Curtain Wall - Prepare & Submit	15
Asbestos/PCB Work Plan - Prepare & Submit	20
AHUs - Prepare & Submit	15
Switchgear - Prepare & Submit	20
Diesel Generator - Prepare & Submit	20
Temporary Hoists Shop Drawings - Prepare & Submit	10
Temp Stairtowers Shop Drawings - Prepare & Submit	5
Structural Steel - Prepare & Submit	10
Service Elevator - Prepare & Submit	20
Passenger Elevator - Prepare & Submit	20
Building #6 CW Booster Pump - Prepare & Submit	20
Penthouse	
Demo Selected Walls & Doors - PH	10
Wall Openings for Equipment Removal - PH	5
Temp Shoring on 6FL - PH	5
Sawcut & Remove Slab - PH	5
Steel Installation & Connections - 6FL	10



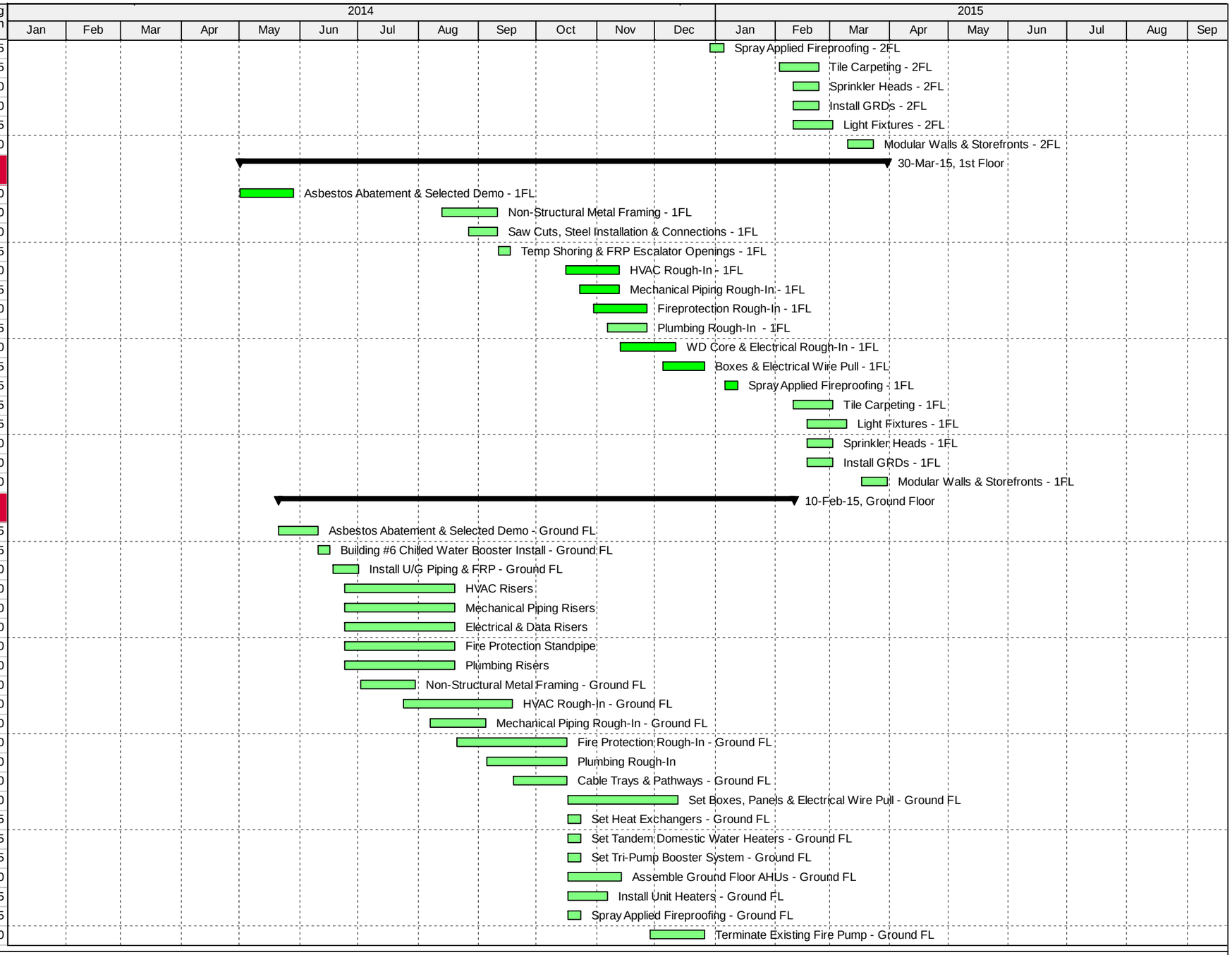
Activity Name	Remaining Duration
HVAC/ Mechanical Hangers & Rough-In - PH	15
Fire Protection Hangers & Rough-In - PH	10
Cable Trays & Pathways - PH	10
Plumbing Rough-In - PH	10
Set Boxes, Panels & Electrical Wire Pull - PH	15
Assemble Penthouse AHUs - PH	20
Terminate Panels - PH	20
Terminate Unit Heaters - PH	10
Terminate AHUs - PH	15
Spray Applied Fireproofing & Firestopping - PH	5
6th Floor	
Non-Structural Metal Framing - 6FL	20
Saw Cuts, Steel Installation & Connections - 6FL	10
Temp Shoring & FRP Escalator Openings - 6FL	5
Infill Existing Unused Openings - 6FL	5
HVAC Rough-In - 6FL	20
Mechanical Piping Rough-In - 6FL	15
Fireprotection Rough-In - 6FL	20
Plumbing Rough-In - 6FL	15
WD Core & Electrical Rough-In - 6FL	20
Boxes & Electrical Wire Pull - 6FL	15
Spray Applied Fireproofing - 6FL	5
Light Fixtures - 6FL	15
Sprinkler Heads - 6FL	10
Install GRDs - 6FL	10
Smoke Heads - 6FL	5
Tile Carpeting - 6FL	15
Modular Walls & Storefronts - 6FL	10
5th Floor	
Asbestos Abatement & Selected Demo - 5FL	20
Saw Cuts, Steel Installation & Connections - 5FL	10
Non-Structural Metal Framing - 5FL	20
Temp Shoring & FRP Escalator Openings - 5FL	5
HVAC Rough-In - 5FL	20
Mechanical Piping Rough-In - 5FL	15
Fireprotection Rough-In - 5FL	20
Plumbing Rough-In - 5FL	15
WD Core & Electrical Rough-In - 5FL	20
Boxes & Electrical Wire Pull - 5FL	15
Spray Applied Fireproofing - 5FL	5
Sprinkler Heads - 5FL	10
Install GRDs - 5FL	10
Light Fixtures - 5FL	15
Tile Carpeting - 5FL	15
Modular Walls & Storefronts - 5FL	10



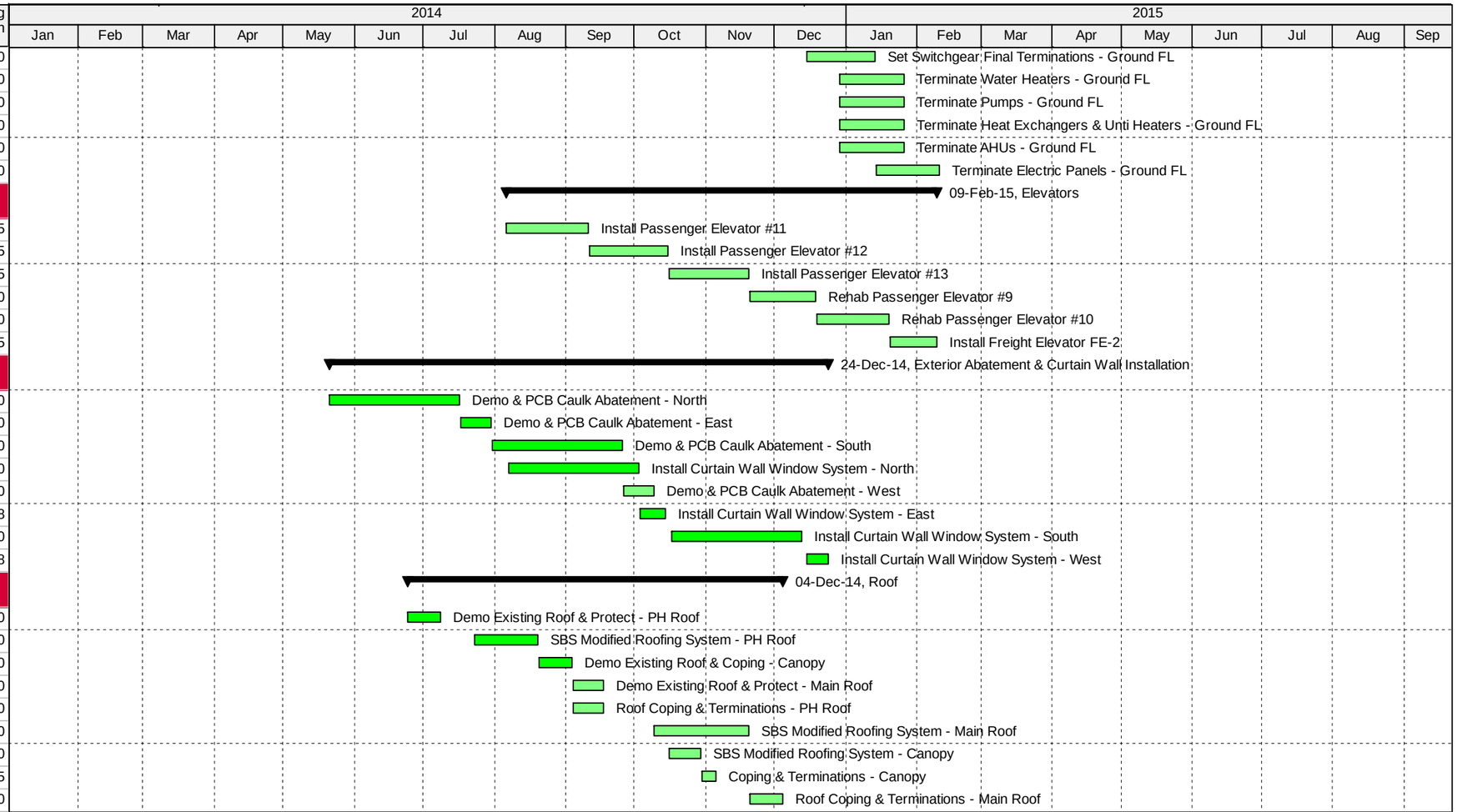
Activity Name	Remaining Duration
4th Floor	
Asbestos Abatement & Selected Demo - 4FL	20
Saw Cuts, Steel Installation & Connections - 4FL	10
Non-Structural Metal Framing - 4FL	20
Temp Shoring & FRP Escalator Openings - 4FL	5
HVAC Rough-In - 4FL	20
Mechanical Piping Rough-In - 4FL	15
Fireprotection Rough-In - 4FL	20
Plumbing Rough-In - 4FL	15
WD Core & Electrical Rough-In - 4FL	20
Boxes & Electrical Wire Pull - 4FL	15
Spray Applied Fireproofing - 4FL	5
Light Fixtures - 4FL	15
Sprinkler Heads - 4FL	10
Install GRDs - 4FL	10
Tile Carpeting - 4FL	15
Modular Walls & Storefronts - 4FL	10
3rd Floor	
Asbestos Abatement & Selected Demo - 3FL	20
Saw Cuts, Steel Installation & Connections - 3FL	10
Temp Shoring & FRP Escalator Openings - 3FL	5
Non-Structural Metal Framing - 3FL	20
HVAC Rough-In - 3FL	20
Mechanical Piping Rough-In - 3FL	15
Fireprotection Rough-In - 3FL	20
Plumbing Rough-In - 3FL	15
WD Core & Electrical Rough-In - 3FL	20
Boxes & Electrical Wire Pull - 3FL	15
Spray Applied Fireproofing - 3FL	5
Tile Carpeting - 3FL	15
Light Fixtures - 3FL	15
Sprinkler Heads - 3FL	10
Install GRDs - 3FL	10
Modular Walls & Storefronts - 3FL	10
2nd Floor	
Asbestos Abatement & Selected Demo - 2FL	20
Saw Cuts, Steel Installation & Connections - 2FL	10
Temp Shoring & FRP Escalator Openings - 2FL	5
Non-Structural Metal Framing - 2FL	20
HVAC Rough-In - 2FL	20
Mechanical Piping Rough-In - 2FL	15
Fireprotection Rough-In - 2FL	20
Plumbing Rough-In - 2FL	15
WD Core & Electrical Rough-In - 2FL	20
Boxes & Electrical Wire Pull - 2FL	15



Activity Name	Remaining Duration
Spray Applied Fireproofing - 2FL	5
Tile Carpeting - 2FL	15
Sprinkler Heads - 2FL	10
Install GRDs - 2FL	10
Light Fixtures - 2FL	15
Modular Walls & Storefronts - 2FL	10
1st Floor	
Asbestos Abatement & Selected Demo - 1FL	20
Non-Structural Metal Framing - 1FL	20
Saw Cuts, Steel Installation & Connections - 1FL	10
Temp Shoring & FRP Escalator Openings - 1FL	5
HVAC Rough-In - 1FL	20
Mechanical Piping Rough-In - 1FL	15
Fireprotection Rough-In - 1FL	20
Plumbing Rough-In - 1FL	15
WD Core & Electrical Rough-In - 1FL	20
Boxes & Electrical Wire Pull - 1FL	15
Spray Applied Fireproofing - 1FL	5
Tile Carpeting - 1FL	15
Light Fixtures - 1FL	15
Sprinkler Heads - 1FL	10
Install GRDs - 1FL	10
Modular Walls & Storefronts - 1FL	10
Ground Floor	
Asbestos Abatement & Selected Demo - Ground FL	15
Building #6 Chilled Water Booster Install - Ground FL	5
Install U/G Piping & FRP - Ground FL	10
HVAC Risers	40
Mechanical Piping Risers	40
Electrical & Data Risers	40
Fire Protection Standpipe	40
Plumbing Risers	40
Non-Structural Metal Framing - Ground FL	20
HVAC Rough-In - Ground FL	40
Mechanical Piping Rough-In - Ground FL	20
Fire Protection Rough-In - Ground FL	40
Plumbing Rough-In	30
Cable Trays & Pathways - Ground FL	20
Set Boxes, Panels & Electrical Wire Pull - Ground FL	40
Set Heat Exchangers - Ground FL	5
Set Tandem Domestic Water Heaters - Ground FL	5
Set Tri-Pump Booster System - Ground FL	5
Assemble Ground Floor AHUs - Ground FL	20
Install Unit Heaters - Ground FL	15
Spray Applied Fireproofing - Ground FL	5
Terminate Existing Fire Pump - Ground FL	20



Activity Name	Remaining Duration
Set Switchgear Final Terminations - Ground FL	20
Terminate Water Heaters - Ground FL	20
Terminate Pumps - Ground FL	20
Terminate Heat Exchangers & Unti Heaters - Ground FL	20
Terminate AHUs - Ground FL	20
Terminate Electric Panels - Ground FL	20
Elevators	
Install Passenger Elevator #11	25
Install Passenger Elevator #12	25
Install Passenger Elevator #13	25
Rehab Passenger Elevator #9	20
Rehab Passenger Elevator #10	20
Install Freight Elevator FE-2	15
Exterior Abatement & Curtain Wall Installa	
Demo & PCB Caulk Abatement - North	40
Demo & PCB Caulk Abatement - East	10
Demo & PCB Caulk Abatement - South	40
Install Curtain Wall Window System - North	40
Demo & PCB Caulk Abatement - West	10
Install Curtain Wall Window System - East	8
Install Curtain Wall Window System - South	40
Install Curtain Wall Window System - West	8
Roof	
Demo Existing Roof & Protect - PH Roof	10
SBS Modified Roofing System - PH Roof	20
Demo Existing Roof & Coping - Canopy	10
Demo Existing Roof & Protect - Main Roof	10
Roof Coping & Terminations - PH Roof	10
SBS Modified Roofing System - Main Roof	30
SBS Modified Roofing System - Canopy	10
Coping & Terminations - Canopy	5
Roof Coping & Terminations - Main Roof	10



DOCUMENT 003113

PRELIMINARY PROJECT SCHEDULE

A Preliminary Project Schedule has been prepared for this project in CPM network format utilizing the Precedence Diagram Method. Bid Milestones are presented on the following pages which encompass the anticipated durations of Work related to the Project. The detailed Preliminary Project Schedule will be made available for review by the Contractors after award of the Contract to further assist in final CPM Baseline Project Schedule preparation in accordance with Sections 013113 and 013119.

After execution of the CMU-01 Agreement (blank included on last page of document 013113), the Project Schedule will become the basis for coordinating the work activities, measuring progress, and approving progress payments.

NOTE: The Bid Milestones summarizing the Preliminary Project Schedule included in this Document are to be used as reference in preparing a bid response. It is not intended that these examples limit the Contractor in anyway in preparation of a bid response.

SECTION 013113

PROJECT SCHEDULE

PART 1 GENERAL

1.01 RELATED REQUIREMENTS AND INFORMATION SPECIFIED ELSEWHERE

A. Summary of Work: Section 011000.

B. Administrative Requirements: Section 013000.

C. Project Meetings: Section 013119.

D. Preliminary Project Schedule: Document 003113.

1.02 SUMMARY

A. Section includes administrative and procedural requirements to plan, schedule, and document the progress of the Project, and predict and prevent delays to established sequences and milestones during performance of the Work, including the following:
   1. Critical Path Method schedule and reports
   2. Material location and delivery reports
   3. Field condition reports
   4. Special reports
   5. Change management

1.03 DEFINITIONS

A. Project: Work to be performed as part of one or more Contracts.

B. Schedule: A comprehensive leveling of necessary procedural tasks, the sequencing of those tasks, and the incorporated resource allocation required to successfully complete the Work by the Project completion date.

C. Activity: An intricate part of the Work that can be identified and measured for planning, coordinating, monitoring, and controlling the project.

D. Milestone: A significant start or finish to Work on the Project defined by both the Director's Representative and the Contractors.

E. Bid Milestones: Intermediate milestones included in the Contract Documents by the Director's Representative to be utilized by the Contractors in developing the Preliminary and Baseline Project Schedule.

F. CPM: Critical Path Method is a scheduling process used to plan and coordinate the Project, arranging activities based on logical relationships in order to create a network diagram of interconnected procedures.

G. Baseline Project Schedule: The initial CPM schedule for completion of the Work of the Project in accordance with the Contract duration, approved by the Director's Representative and Contractors, and completed by the Schedule Preparer.

1. Following the initial update to the Baseline Project Schedule, including but not limited to starts, finishes, activity percent complete, logic adjustments, or duration amendments, as agreed upon at the Project Schedule meeting by the Contractors and the Director's Representative, the current updated schedule rendering will be defined as the Project Schedule.
2. The Baseline Project Schedule will remain unaltered as a tool to measure progress outlined and anticipated during the Project Schedule Definition meeting.

H. PDM: Precedence Diagram Method utilizes standard CPM calculations creating an interdependent logical relationship between activities and a dependent path from project inception through completion.

I. Float: The measure of latitude in starting and/or completing an activity without impeding on the successful realization of Project milestones.

1. Float time is not for the exclusive use or benefit of either the State or the Contractors, but is a jointly owned expiring Project resource; float is available as needed to meet scheduled milestones and Project completion.
2. Recognizing float within an activity, or chain of activities, does not permit the Contractors to delay progress or completion of an activity.

J. Critical Path: A progressing sequence of interdependent activities within the schedule network containing zero (0d) total float and establishing the minimum Project Substantial and Physical Completion duration.

K. Resource: Any labor, material, or equipment, shared or exclusive, required for the completion of an Activity or the Work, which recognizes an associated cost.

1.04 SCHEDULE PREPARER – (Director's Representative)

A. The Director's Representative is to designate a representative responsible for the preparation of the Preliminary Project Schedule, the Baseline Project Schedule and all required updates and reporting for the Project Schedule. The representative shall possess a minimum of five (5) years of construction related scheduling experience, shall have developed and maintained at least two (2) schedules for projects of similar size and scope, and shall be competent in the use of the specified Scheduling Software.

1.05 DEVELOPMENT OF THE PROJECT SCHEDULE

A. The Director's Representative will schedule the Project Schedule Definition Meeting as outlined in Section 013119. The meeting will include a review of the Schedule Preparer's initial project schedule. The discussions and mutual agreements reached at this and subsequent meetings form the basis for the CPM Preliminary Project Schedule and the development of the CPM Project Schedule, defined as the Baseline Project Schedule, and will be used for coordinating, scheduling, and monitoring the Work of all related contracts.

B. The Schedule Preparer is to complete the Baseline Project Schedule with information provided by the Contractors and Director's Representative and submit to the Contractors and Director's Representative for review and approval.

C. The Contractors will sign the CMU 01 Agreement form (blank included in Document 013113) within 5 calendar-days of final Baseline Project Schedule review and approval by the Director's Representative. Failure to develop and submit the Baseline Project Schedule and sign the CMU 01 Agreement form will not absolve the Contractors of the scheduling requirements. The Contractors will be required to provide the necessary resources, at no additional charge to the State, to complete the Project in the manner defined by a Schedule Preparer acting as the Director's Representative.

D. Preliminary or Baseline Project Schedules recognizing early completion will be reviewed by the Director's Representative prior to acceptance of the Preliminary or Baseline Project Schedule.

E. Bid Milestones provided by the Director's Representative are to be incorporated into the project schedule.

F. During the period between Project Award and the execution of the CMU-01 Agreement by the Contractors and the Director's Representative, the Contractors will comply with the Preliminary Project Schedule and will be responsible for providing the necessary resources to complete the Work as defined by the Director's Representative and Schedule Preparer.

1.06 UPDATING THE PROJECT SCHEDULE

A. Monthly Project Schedule meetings will be held to update the actual start, actual finish, and the percent complete of activities being performed for the purpose of determining the status of construction progress on the updated Project Schedule.
   1. During the progress of Work on the Project, the Contractors are required to document actual start, actual finish, and activity percent complete on a daily basis.
   2. The Contractors and Director's Representative will review the documented progress at the Project Schedule meeting prior to incorporating the information on the Project Schedule.
   3. Any Contractor failing to progress their Work as outlined in the updated Project Schedule will be informed of their deficiencies and, if required, be requested to provide a recovery option.

B. The Contractors will furnish all schedule information requested by the Director's Representative**.** Any Contractor who fails to furnish accurate information during the Project Schedule meeting will be required to provide all resources necessary to execute the updated Project Schedule based on progress information documented and recorded by the Director's Representative.

C. Project Schedule updates recognizing early completion will be reviewed by the Director's Representative prior to acceptance of the Project Schedule update.

1.07 MAINTAINING SCHEDULE

A. Perform the Work in accordance with the Project Schedule and provide resources necessary to maintain the progress of activities as scheduled so that no delays are caused to other Contractors engaged in the Work.

1. Should any Contractor fail to maintain progress according to the Project Schedule, or cause delay to another Contractor, that Contractor shall provide such additional manpower, equipment, additional shifts, or other measures, at their own cost, to bring their operations back on schedule.
2. Performing activities as part of the Work out of sequence with the Project Schedule is not permitted unless written approval is obtained from the Director's Representative prior to commencement.

1.08 RECOVERY SCHEDULE

A. CPM Recovery Schedule: When periodic updates indicate the Work is 15 or more calendar-days behind the approved Baseline Project Schedule's Substantial or Physical Completion dates, the Contractors will present recovery options to the Director's Representative to be incorporated into an updated Project Schedule by the Schedule Preparer; these include, but are not limited to, allocating additional resources for activity duration reduction, modifying network logic, or revising activity sequences.

B. Any Contractor failing to furnish recovery options to the Director's Representative for a CPM Recovery Schedule within 10 calendar-days subsequent to the monthly Project Schedule update will be required to provide all resources necessary to execute an updated Project Schedule defined by a the Director's Representative and updated by the Schedule Preparer.

C. Alterations to the Project Schedule by a CPM Recovery Schedule will require the approval of the Contractors and the Director's Representative.

D. Approved alterations to the Project Schedule by a CPM Recovery Schedule, will constitute the updated Project Schedule.

1. The updated Project Schedule following the implemented CPM Recovery Schedule will be recognized as the primary baseline schedule for reporting. The Baseline Project Schedule will be retained as a secondary baseline schedule and will be utilized to measure progress against the alterations.

E. A CPM Recovery Schedule recognizing early completion will be reviewed by the Director's Representative prior to acceptance of the Project Schedule update.

1.09 SCHEDULE RELATED REPORTING

A. Detailed Estimate: Refer to Section 013000.

B. Application For Payment (BDC 169): Prepare forms and support documentation in a manner compatible with the Detailed Estimate. Show costs in support of activities progressed in the Project Schedule update reports. The percent complete amounts must reflect accepted work-in-place as agreed upon by the Director's Representative and documented in the updated Project Schedule and in Project Schedule update reports.

1. If any Contractor fails or refuses to provide information for updating the Project Schedule, or if in the judgment of the Director's Representative the information provided does not accurately reflect the ongoing Work of the Project, the Contractor will be deemed not to have provided the information necessary for progress payments and payments may be withheld.

1.10 RESOURCE ASSIGNMENTS

A. Resources recognizing the total cost associated with all efforts necessary for the completion of a unique activity within the schedule network, and the cumulative cost of the Work of the Project, are to be assigned concordant with the Detailed Estimate submitted by the Contractors and approved by the Director's Representative. All Contractors are responsible for providing the information necessary for assigning resources for the Preliminary, Baseline, and Project Schedule to the Schedule Preparer; all Contractors are responsible for reviewing the information prior to approval.

1. Any Contractor who fails to timely and accurately furnish information necessary for resource assignment to the Schedule Preparer during the development of the Preliminary, Baseline and Project Schedule, or who fails to review the Preliminary, Baseline, or Project Schedule and notify the Director's Representative of any errors within 2 calendar days of submission, will be required to provide all resources necessary to execute the Preliminary, Baseline, or Project Schedule as developed by the Schedule Preparer and approved by the Director's Representative.

PART 2 PRODUCTS

2.01 SCHEDULING SOFTWARE

A. Scheduling Software: Schedule is to be prepared utilizing the template provided by the Director's Representative and developed specifically to interface with the State's schedule program portfolio.

1. Utilize Oracle Primavera P6© PPM or EPPM operating system.

2.02 SCHEDULE UPDATE REPORTS

A. The Schedule Preparer is to submit update reports in the format required by the Director's Representative as defined during the Project Schedule Meeting. These reports include but are not limited to, the updated P6© file, Gantt charts, logic reports, look-aheads, change management reports, and a Narrative Statement.

B. Reports are to be provided within 5 calendar-days of the Project Schedule Meeting to allow the Director's Representative and the Contractors time for review of the information for accuracy and prior to approval of progress payments.

PART 3 EXECUTION (Not Used)

END OF SECTION

NEW YORK STATE OFFICE OF GENERAL SERVICES
DESIGN AND CONSTRUCTION GROUP

CMU-01 AGREEMENT

PROJECT NO. _____

PROJECT NAME: _____

REPORT DATE: _____

REPORT NAME(S): _____

_____

_____

_____

It is agreed that the Baseline Project Schedule defined by the above listed computer reports has been reviewed and is accepted for use in coordinating, scheduling, and monitoring the work of all related contracts.

FOR THE CONSTRUCTION CONTRACTOR: _____ DATE: _____

FOR THE HVAC CONTRACTOR: _____ DATE: _____

FOR THE PLUMBING CONTRACTOR: _____ DATE: _____

FOR THE ELECTRICAL CONTRACTOR: _____ DATE: _____

THE DIRECTOR'S REPRESENTATIVE: _____ DATE: _____

REVISED 1/8/13

SECTION 023313

UNDERGROUND UTILITY LOCATOR SERVICE

PART 1 GENERAL

1.01 DESCRIPTION

A. Retain an independent utility locator service company with a minimum of five (5) years experience to field locate, mark, and stakeout existing underground utilities and service connections.
   1. Include 8 hours of "locator service" to locate underground utilities.
   2. If required determine the exact location of utilities by hand excavated test pits or through vacuum methods. Support and protect all utilities to remain in place.
   3. Contractor shall field locate, mark, and stakeout underground utilities prior to excavation.
   4. Contractor will be responsible for the location of all utilities within areas of excavation, and all costs associated with the repair of utilities hit/damaged during construction.

1.02 SUBMITTALS

A. Submit detailed experience and qualifications description of underground utility locator service. Experience and qualifications package should include a description of the types of utility locator equipment and experience that can be provided.

1.03 DELIVERABLES

A. At the conclusion of this project, provide three (3) sets of paper and one (1) copy of electronic plans documenting all utilities located and identified. All documentation shall be referenced to existing data (horizontal and vertical) previously established.

1.04 COORDINATION AND SCHEDULING

A. General Location: Within areas of excavations all utilities shall be field located and their locations marked at least one (1) day prior to the performance of the required excavation.

B. Exact Location: The performance of hand excavated test pits or vacuum excavations to determine the utilities exact location shall be performed just prior to performing the work to minimize the time that excavated areas will be exposed to erosive conditions.

C. Coordinate work with the Director's representative to minimize utility disruptions and facility operations. The Director's Representative shall be notified at least three (3) working days prior to performing the work, and should be provided a schedule for the works progression.

PART 2 (Not Used)

PART 3 EXECUTION

3.01 WORK AREAS AND PERFORMANCE

A. The Director's Representative may limit or restrict scheduling of the utility locator service based upon project progress.

END OF SECTION

SECTION 084233

SECURITY DOOR SYSTEMS

PART 1 GENERAL

1.01 SUMMARY

A. This section covers the furnishing and installation of a complete Interlocking Automatic Secure Entry Portal System.

B. Provide system that has been fabricated, assembled, and tested for proper operation at the factory. It includes curved side walls, canopy, ceiling, door wings, glass, and motor drive systems.

1.02 RELATED WORK SPECIFIED ELSEWHERE

A. Metal Fabrications: Section 055000.

B. Joint Sealers: Section 079200.

C. Aluminum Doors and Frames: Section 081116.

D. Glazed Aluminum Curtain Walls: Section 084413.

E. Finish Hardware: Section 087100.

F. Glass and Glazing: Section 088100.

1.02 REFERENCES

A. ANSI/BHMA A156.10 - American National Standard for Power Operated Pedestrian Doors.

1.03 SUBMITTALS

A. Submittals Package: Submit the shop drawings, product data, and samples specified below at the same time as a package.

B. Shop Drawings:
   1. Show fabrication details and connections to adjacent construction.
   2. Show operators, controls, and other electrical components.

C. Product Data: Manufacturer's catalog sheets, specifications, and installation instructions for door systems.

D. Samples:
   1. Color Samples: Custom color for finish specified.

E. Quality Control Submittals:
   1. Installers Qualifications Data: Documentation showing installer is approved by the door system manufacturer.

F. Contract Closeout Submittals:
   1. Operation and Maintenance Data: Deliver 2 copies, covering the installed products, to the Director's Representative.
   2. Systems Acceptance Test Report: Deliver the report to the Director's Representative.

1.04 QUALITY ASSURANCE

A. Installers Qualifications: The firm installing the door systems shall be approved as an installer by the door system manufacturer.

B. Safety Glass: Category II materials complying with testing requirements in 16 CFR 1201.
   1. Safety-Glass Labeling: Where safety-glass labeling is indicated, permanently mark glass with certification label of the SGCC, another certification agency acceptable to authorities having jurisdiction, or the manufacturer. Label shall indicate manufacturer's name, type of glass, thickness, and safety-glass standard with which glass complies.

PART 2 PRODUCTS

2.01 DOOR SYSTEMS

A. Basis of Design: Subject to compliance with requirements, provide Security Entrance Half Portal Model - TAP 250 as manufactured by Boon Edam Inc. or comparable product by one of the following:
   1. Automatic Control Systems Inc.
   2. Boon Edam Tomsed Inc.
   3. Gunnebo AB

2.02 DOOR CONSTRUCTION

A. The interlocking door system equipment shall be comprised of four bi-parting curved sliding doors within a full glazed drum.

B. The curved doors shall be constructed with laminated glass as a standard.

2.03 EQUIPMENT

A. Operator: shall be mounted and concealed within the canopy. Operation shall be accomplished through a reversible motor with solenoid brake and with permanent magnet, working power of 24 Vdc, provided with a potentiometer for the continuous control of the automatic curve doors position; it works with a trolley arm kit and cabin trolley shaft made of steel; an electronic master

controller mother board. The operator shall fail-safe when power is removed.

B. Electronic Voice Synthesis Circuit: built in the motherboard. Tape recorded messages shall not be accepted.

C. Integral Battery Back-up: The unit shall accommodate battery back-up to maintain continuous use for up to 2 hours.

2.04 OPERATION

A. Operation: The unit shall incorporate interlocking bi-parting curved sliding doors to make certain security is maintained and a clear opening is never presented. In normal operation, the unit shall always keep the non-secure side door closed and/ or the secure side door locked to maintain optimum security. The first door shall be activated by an access control device. The person requesting entry shall enter the cabin and shall not be granted further passage until the internal security system confirms security criteria are met and that only one person has entered the cabin. The second door shall open immediately once the person has been authorized. In the event that any of the security sensors are activated, it shall prevent further progress.

2.05 SECURITY FUNCTION

A. The system shall provide the following security functions:

1. Access Control: The portal shall accommodate electronic access control card readers and biometric devices (supplied by others) to allow authorized passage. A solid-state voice annunciator shall advise the individual of the infraction and advise them to exit the cabin. The exterior (first) door can then be opened to allow the individual to exit the cabin.
2. A.P.D Anti-Piggybacking Detection: The A.P.D. is an ultrasonic sensor system that scans the interior of the cabin and determines if more than one person is attempting passage. If piggybacking is detected, the passage is not authorized and the individuals must exit the cabin through the exterior (first) door as described in 2.05.A above.
3. Attempted Passage: Any attempt of passage by unauthorized individuals into the controlled area shall prevent the interior secure side door from opening and a solid state voice annunciator shall advise the person who committed the infraction to exit the cabin. Systems consisting of pre-recorded tape messages shall not be accepted. The exterior door shall unlock allowing the person to exit the cabin on the ingress side.

2.06 SAFETY

A. Emergency Release Device: The unit shall provide electronic and mechanical emergency release mechanisms; Emergency release lever, located outside the unit, to open the bi-parting curved sliding doors.

B. Interior Emergency Release Device: The unit shall provide an interior push button / emergency lever located inside the unit, to open the unsecure side door.

C. PTT (Push to Talk) Intercom: The unit shall include a PTT intercom as a standard feature. Communication between the person inside the cabin and the intercom at the control panel shall be accomplished by depressing a single button on the intercom located inside the cabin. The intercom shall be an integral part of the Control Panel and shall function even when the control panel is switched off. Note: PTT intercom provided with the cabin, cannot exceed a distance of 50 ft in between the secure portal and the control panel.

D. Connection Box: The unit shall supply a set of dry contacts which, when activated by the building's fire detection or suppression systems, both doors (or unsecure side only) shall open immediately.

2.07 MATERIALS

A. Laminated Glass: .13mm clear curved vandal resistant laminated safety glass.

B. Steel Plate, Shapes and Bars: Shall meet ASTM A 36/A 36M.

C. Steel Sheet: Shall meet ASTM A 1008/A 1008M.

D. Weather Stripping: Genuine mohair weather stripping on all required edges of door wings to provide a seal between door wings and drum.

2.08 FINISH

A. Enclosure walls and canopy shall be painted coatings:
   1. AAMA 2604 High Performance Organic Coatings (e.g.: Powder Coating). Color and Gloss: Match custom color by Lintec “Silver LT730-70 Mica 3/06/3013”.

B. Hardware, push buttons, plates and interior panels shall be stainless steel Type 304:
   1. #4 Brushed Satin

PART 3 EXECUTION

3.01 EXAMINATION

A. Verification of Conditions: Examine the openings to receive doors for defects that will adversely affect the execution and quality of the Work. Do not proceed until unsatisfactory conditions are corrected. These conditions include but are not limited to the following:
   1. Floor cutout not yet provided.
   2. Floor must be dead level at any point within the footprint of the Portal.
   3. Power supply must be installed.

3.02 INSTALLATION

A. Install the Work of this Section in accordance with the manufacturer's printed instructions.

B. Install the door systems plumb and level, and rigidly secured in openings.

3.03 FIELD QUALITY CONTROL

A. Preliminary Systems Test: Conduct a preliminary test for the purpose of:
   1. Checking and adjusting the units.
   2. Determining whether the systems are in proper condition to conduct an acceptance test.

B. Systems Acceptance Test:
   1. Preparation: Notify the Director's Representative at least 3 working days prior to the test so arrangements can be made to have a Facility Representative witness the test.
   2. Individually test each unit several times for all functions of the door systems.
   3. Deliver a report of test results, signed by the Contractor and the Director's Representative, to the Director's Representative.

3.04 ADJUSTING

A. Adjust Portal, hardware and sensors for smooth operation and proper performance.

3.05 CLEANING

A. Clean exposed surfaces. Do not damage finished surfaces during cleaning operations. Clean metal and glass surfaces carefully after installation to remove excess caulk, dirt and labels.

3.06 DEMONSTRATION

A. Demonstrate each function and operation of the door systems to facility personnel. A factory-trained installer shall demonstrate to the Director’s Representative the proper operation of the Portal and the necessary service requirements such as lubrication, cleaning, and inspection of components upon completion of installation.

END OF SECTION

SECTION 102113

METAL TOILET COMPARTMENTS

PART 1 GENERAL

1.01 RELATED WORK SPECIFIED ELSEWHERE

A. Toilet and Bath Accessories: Section 102813.

1.02 SUBMITTALS

A. Shop Drawings: Show fabrication details and connections to adjacent work.

B. Product Data: Catalog sheets, specifications, and installation instructions for the following:
   1. Panels and Doors.
   2. Pilasters, types specified.
   3. Screens, types specified.
   4. Hardware and accessories.

C. Samples:
   1. Hardware: One, each item and type specified.
   2. Panels: One 12 inch square corner section.
   3. Pilaster Leveling Device: One complete device, including pilaster shoe.
   4. Overhead Bracing: One 12 inch long section.
   5. Bracket Fittings: One each type.
   6. Fasteners: One each type.

1.03 PROJECT CONDITIONS

A. Do not install the Work of this Section until after the floors, walls, and ceilings of the spaces to receive the Work are completed.

PART 2 PRODUCTS

2.01 PERFORMANCE REQUIREMENTS

A. Regulatory Requirements: Comply with applicable provisions in the U.S. Architectural & Transportation Barriers Compliance Board's ADA-ABA Accessibility Guidelines for Buildings and Facilities, Codes of New York State and ICC A117.1 for toilet compartments designated as accessible.

2.02 MANUFACTURERS

A. Manufactures: Subject to compliance with requirement, provide products by one of the following:
   1. Bradley Corportation:Mils Partitions
   2. Comtec Industries / Capitol Partitions, Inc.
   3. Global Steel Products Corp.

2.03 STAINLESS STEEL TOILET PARTITIONS AND SCREENS

A. Door, Panel, and Pilaster Construction: Seamless, metal facing sheets pressure laminated to core material; with continuous, interlocking molding strip or lapped-and-formed edge closures; corners secured by welding or clips and exposed welds ground smooth. Exposed surfaces shall be free of pitting, seam marks, roller marks, stains, discolorations, telegraphing of core material, or other imperfections.
   1. Core Material: Manufacturer's standard sound-deadening honeycomb of resin-impregnated kraft paper in thickness required to provide finished thickness of 1 inch (25 mm) for doors and panels and 1-1/4 inches (32 mm) for pilasters.
   2. Grab-Bar Reinforcement: Provide concealed internal reinforcement for grab bars mounted on units of size and material adequate for panel to withstand applied downward load on grab bar of at least 250 lbf (1112 N), when tested according to ASTM F 446, without deformation of panel.
   3. Tapping Reinforcement: Provide concealed reinforcement for tapping (threading) at locations where machine screws are used for attaching items to units.

B. Urinal-Screen Construction:
   1. Flat-Panel Urinal Screen: Matching panel construction.
   2. Integral-Flange, Wall-Hung Urinal Screen: Similar to panel construction, with integral full-height flanges for wall attachment, and maximum 1-1/4 inches (32 mm) thick.

C. Facing Sheets and Closures: Stainless-Steel Sheet: ASTM A 666, Type 304, stretcher-leveled standard of flatness.

D. Stainless-Steel Castings: ASTM A 743/A 743M.

E. Stainless-steel sheet of nominal thicknesses as follows:
   1. Pilasters, Braced at Both Ends: Manufacturer's standard thickness, but not less than 0.038 inch (0.95 mm).
   2. Pilasters, Unbraced at One End: Manufacturer's standard thickness, but not less than 0.050 inch (1.27 mm).
   3. Panels: Manufacturer's standard thickness, but not less than 0.031 inch (0.79 mm).
   4. Doors: Manufacturer's standard thickness, but not less than 0.031 inch (0.79 mm).
   5. Flat-Panel Urinal Screens: Thickness matching the panels.

F. Pilaster Shoes and Sleeves (Caps): Stainless-steel sheet, not less than 0.031-inch (0.79-mm) nominal thickness and 3 inches (76 mm) high, finished to match hardware.

G. Brackets: Ear or "U" brackets, stainless steel, manufacturer's standard satin chrome finish.

H. Stainless-Steel Finish: directional polish on exposed faces. Protect exposed surfaces from damage by application of strippable, temporary protective covering before shipment.

I. Overhead Bracing: Manufacturer's standard continuous, extruded-aluminum head rail with antigrip profile and in manufacturer's standard finish.

J. Hardware and Accessories: Heavy duty operating hardware and accessories, non-ferrous cast alloy with satin chrome finish, unless otherwise specified.

K. Fasteners: Minimum 1/4 inch diameter machine bolts with tamper resistant heads; finished to match hardware.

L. Masonry Anchors: Type H/S Drop-In Anchors by the Rawlplug Co., Inc., New Rochelle, NY 10802.

2.04 FABRICATION

A. Doors: One inch thick units, size as indicated, of same construction and finish as panels.

B. Floor-Supported Pilasters: 1-1/4 inches thick units, of same construction and finish as panels, with galvanized steel anchorage complete with threaded rods, lock washers, and leveling nuts.

C. Wall-Hung Screens: One inch thick units, size as indicated, of same construction and finish as panels.

D. Hardware and Accessories; One set for each Door:
   1. Hinges: Heavy duty gravity type, recessed top and bottom door assemblies and clamp flange jamb brackets thru bolted to pilaster. Stainless steel door pivot pin operating in upper hinge bronze or nylon bushing, opposing cam action unit in lower portion. Hinges adjustable to permit door to remain stationary at any desired angle.
   2. Mortise Lock: Stainless steel, thumb turn control inside, tool operated slotted rosette outside for emergency access.
   3. Combination Stop and Keeper: Clamp flange type, with securely attached rubber bumper.
   4. Combination Coat Hook and Bumper: Manufacturer's standard unit, rubber tipped.
   5. Door Pull (for doors opening out): Chrome plated or stainless steel.

6. Wall Bumper (for doors opening out and striking adjacent wall at 90 degrees): Ives No.406 or Glynn-Johnson No. 50W rubber dome with concealed fastener.

PART 3 EXECUTION

3.01 INSTALLATION

A. Install Work of this Section in accordance with the manufacturer's printed instructions, except as otherwise indicated or specified.
   1. Use masonry anchors to fasten brackets to masonry construction.
   2. Use thru bolt fasteners at brackets, stops and keepers, channels, and other locations indicated on the Drawings.
   3. Position door bumpers at proper locations to prevent door from striking adjacent wall or panel.
   4. Fasten pilaster shoes to pilasters with one fastener on each side.

B. Swinging doors shall be mounted to a 3" wide (minimum) pilaster where such doors are located adjacent to other construction, toilet partition panels and/or compartments. Where adjacent partitions are divided to form individual compartments in a series, pilasters shall extend 3" minimum from the side of the dividing partition for proper hinge mounting. Overall pilaster widths shall be sized to provide proper latching and clearances.

C. Pilasters and/or panels shall be sized to fit between adjacent construction and/or compartments and provide clearances for unobstructed operation.

D. Attach wall-mounted screens with heavy duty concealed anchoring devices, including wall channels, wall plates and studs.

E. Tolerances: Maximum variations from plumb in the lines and surfaces of the Work of this Section shall be 1/8 inch in any 5 feet.

3.02 ADJUSTING

A. Adjust leveling devices, door hardware, and other operating parts for smooth operation.
   1. Set hinges of in-swing doors to hold doors open approximately 35 degrees from the closed position when unlatched.
   2. Set hinges of out-swing doors to return to the fully closed position.
   3. Lubricate hardware for proper operation.

3.03 CLEANING

A. Clean exposed surfaces and touch up minor finish imperfections using materials and methods recommended by the manufacturer.

END OF SECTION

SECTION 104400

FIRE PROTECTION SPECIALTIES

PART 1 GENERAL

1.01 ITEMS INSTALLED BUT NOT FURNISHED UNDER THIS SECTION

A. The following items shall be furnished by the Fire Protection Work Contractor for installation under this Contract:
   1. Fire Department Valve Cabinet.

1.02 SUBMITTALS

A. Product Data: Manufacturer's catalog sheets, specifications, and installation instructions for each material specified. Include physical and rough opening dimensions, operational features, color and finish, anchorage details and location schedule.

PART 2 PRODUCTS

2.01 FIRE EXTINGUISHER CABINET MANUFACTURERS

A. Larsen's Manufacturing Company, 7421 Commerce Lane NE, Fridley, MN (763) 571-1181, www.larsensmfg.com.

B. J.L. Industries, Inc., 4450 W. 78th Street Circle, Bloomington, MN 55435 (800) 554-6077, www.jlindustries.com.

C. Potter Roemer, a division of Acorn Engineering Company, 17451 Hurley Street, City of Industry, CA 91744 (800) 366-3473, www.potterroemer.com.

2.02 FIRE EXTINGUISHER CABINETS (FEC-1)

A. Cabinet: Formed sheet steel, 20 gauge, semi-recessed type, size 24 inches high x 9-1/2 inch wide x 6 inch deep (inside box dimensions); rough opening 25 inches high x 10-1/2 inches wide x 4 inches deep.
   1. Cabinet Interior Finish: Black Enamel.

B. Trim and Door and Trim: One-piece stainless steel Type 304, reinforced for flatness and rigidity, solid panel; latch access; vertical glass vision panel; rolled edge trim with maximum 2-1/2 inch projection.
   1. Trim and Door Finish: Stainless steel NAAMM No. 4 finish.

C. Glass: Double Strength A float glass.

D. Mounting Hardware: Appropriate to cabinet.

E. Graphic Identification: Black, die-cut lettering - FIRE EXTINGUISHER.

F. Cylinder Lock: 3/4 inch standard lock, two keys.

2.03 FABRICATION

A. Form cabinet body with tight inside corners and seams.

B. Pre-drill holes for anchorage.

C. Form perimeter trim by welding, filling and grinding smooth.

D. Hinge doors for 180 degree opening with continuous piano hinge for stainless steel units. Provide nylon or roller type catch.

E. Glaze doors with resilient channel gasket glazing.

PART 3 EXECUTION

3.01 INSPECTION

A. Verify rough openings for semi-recessed cabinets are correctly sized and located.

3.02 INSTALLATION

A. Install cabinets at locations and heights indicated on Drawings. Locate Top of cabinet at 48 inches unless otherwise indicated.

END OF SECTION

SECTION 281300

ACCESS CONTROL / CCTV SYSTEM

PART 1 GENERAL

1.01 SYSTEM DESCRIPTION

A. The system is a proprietary network based, integrated access control and closed circuit television system. The system controls, monitors and records all valid and invalid entries by personnel using access cards at card reader terminals located adjacent to doors requiring secured access. The system detects security violations at doors within secured areas. The system transmits and records video from security cameras at all secured doors.

B. The system, when expanded to its full capacity has a minimum of 4200 access cards, 64 card readers, 64 access levels, 8 time zones, 512 alarm points and 192 control points.

C. A server based central controller located in the building campus data room operates the system and observes the status of the doors within the secured areas.

D. Local door controllers transmit the status of electric latches, door contacts, request to exit devices, and card readers to the central controller.

E. CPU workstation in both building manager office and building campus data room. Workstations have full administrator rights to system.

F. CPU workstation at main lobby info desk. Workstation to have review permissions only, including viewing and selection of all camera video feeds, and viewing of all

G. When a person wishes to enter a secure area, the person must pass an access card near the proximity card reader terminal at the entry door.
   1. Off hours access also requires the entry of a security code using the terminal keypad.

H. Any card swipe triggers the local security camera to begin recording and displays the video at each system workstation.

I. The central controller automatically controls door access by comparing security information stored within the access card with information programmed within the central controller (facility code, list of acceptable access card I.D. numbers with their authorized places and times of entry, card access level, etc.).
   1. If all conditions are met, a signal is sent by the central controller to a local door controller to operate the release device, allowing the person to open door and enter secure area.
      a. The central controller records the access card I.D., access point, and time of day.

b. Duplicate information is also displayed at each system workstation.
c. A programmable access time period (1 to 14 seconds) determines the length of time the releasing device will remain open for authorized access.

2. If all conditions are not met, the central controller does not activate the release device but triggers and alarm condition and records the access card I.D., access point, time of day and indication of why access was denied.
   a. Duplicate information is also displayed at each system workstation.

J. Each door is monitored for status (open/close).
1. When a door is opened without authorization an alarm sounds at the central controller. A printout occurs indicating which door is opened, and time of day. Duplicate information is displayed.
2. A programmable alarm shunt timer (2 to 120 seconds) allows door to be opened for authorized card access entry, allowing adequate time to enter without alarming system. An alarm occurs if door remains open beyond the preset alarm period.
3. The system does not alarm when an exit device (pushbutton, panic device) is used to leave a secure area. A programmable alarm shunt timer (2 to 120 seconds) allows door to be opened, allowing adequate time to exit. An alarm occurs if door remains open beyond the preset alarm period.

K. Alarm conditions are reported audibly, displayed visually, and recorded with the time, date, location, alarm code and alarm detector identity. Alarms are silenced through appropriate keyboard commands.

L. Access to the system functions are controlled thru at least 2 levels of access security to prevent program modifications or use by unauthorized personnel. Selective passwords may be used to allow display or control only, and for authorization to change programming parameters.

M. An attendant at either of the administrator workstations, using appropriate keyboard commands, may validate or invalidate access card I.D. numbers or status levels and also add, delete or change the status level or time zone assignments for card readers.

N. Upon appropriate keyboard or function command, the central controller displays info and summary reports, including:
1. Alarms.
2. Access activity at specified card reader.
3. Denied access attempts.
4. Doors in override mode (card access).
5. Doors with alarms suppressed (monitored).
6. All transactions stored in disks (printout can also be selective by date, time, transaction type, card I.D. number, card reader or alarm monitor transactions).

7. All user programmable data.
8. All recorded and live video.

O. User programmable alarm monitoring and event functions (up to 200) may be programmed by the attendant through appropriate keyboard commands to automatically activate control points upon an alarm condition from monitored points.

P. All transactions are automatically logged, up to 38,000 events can be permanently recorded on disk storage.

Q. The central controller continuously monitors the communications and data processing cycles of the micro-processor. Upon central controller failure, an audible and visual alarm alerts attendant.

R. Supervision of signaling line circuits (wiring between card reader terminals, alarm monitor terminals and central controller) indicates trouble conditions at the central controller. A loss of continuity does not impair system operation (loop type circuit for bi-directional communications).

S. Supervision of initiating device circuits (wiring between card reader terminals, alarm monitor terminals and alarm detector) indicates alarm conditions at the central controller when attempts are made to compromise the system by bridging or wiring over alarm detectors or cutting initiating device circuit wiring.

T. A communication failure indication (display and alarm) occurs at the central controller when a card reader terminal or alarm monitor terminal does not respond with a message each time it is polled by the central controller.
1. A disabled card reader terminal or alarm monitor terminal causes an alarm condition. A report is also made when the device is restored to normal.

U. Failure of the central controller results in the card reader terminals switching to an off line mode.
1. Card reader terminals will allow access by reading facility code only.
2. Card reader terminals may be programmed to deny access during failure of the central controller.

V. Security cameras continuously monitor and record each secured door. Video from all cameras is retained on network based video recorder. NVR has sufficient capacity to contain 30 days worth of video from all cameras.

W. Continuous video recording occurs at a reduced resolution and frame rate. Video motion detection, any system alarm condition, or any card swipe or keypad input at corresponding terminal triggers recording at maximum resolution and frame rate.
1. Any condition triggering maximum recording also triggers display of live video feed at all system workstations.

1.02 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. Bill of materials.
2. Composite wiring and/or schematic diagrams of the complete system as proposed to be installed (standard diagrams will not be accepted).
3. Total electrical load of the complete system in supervisory and alarm conditions.
4. Detailed description of system operation (format similar to SYSTEM DESCRIPTION).

D. Product Data:
1. Catalog sheets, specifications and installation instructions.
2. Name, address and telephone number of nearest fully equipped service organization.

E. Quality Control Submittals:
1. Copy of license for installing Security Systems.
    a. Also include copy of identification card issued by the Licensee for each person who will be performing the work.
2. Company Field Advisor Data: Include:
    a. Name, business address and telephone number of Company Field Advisor secured for the required services.
    b. Certified statement from the Company listing the qualifications of the Company Field Advisor.
    c. Services and each product for which authorization is given by the Company, listed specifically for this project.

F. Contract Closeout Submittals:
1. Test Report: System acceptance test report.
2. Certificate: Affidavit, signed by the Company Field Advisor and notarized, certifying that the system meets the contract requirements and is operating properly.
3. Operation and Maintenance Data:
    a. Deliver 2 copies, covering the installed products, to the Director's Representative. Include:
        1) Operation and maintenance data for each product.
        2) Complete point to point wiring diagrams of entire system as installed. Number all conductors and show all terminations and splices. (Numbers shall correspond to numbered tags installed on each conductor.)
        3) Name, address, and telephone number of nearest fully equipped service organization.

1.03 QUALITY ASSURANCE

A. Company Testing Facility: The Company producing the system shall have test facilities available which can demonstrate that the proposed system meets contract requirements.

B. Equipment Qualifications For Products Other Than Those Specified:
   1. At the time of submission provide written notice to the Director of the intent to propose an "or equal" for products other than those specified. Make the "or equal" submission in a timely manner to allow the Director sufficient time to review the proposed product, perform inspections and witness test demonstrations.
   2. If products other than those specified are proposed for use furnish the name, address, and telephone numbers of at least 5 comparable installations that can prove the proposed products have performed satisfactorily for 3 years. Certify in writing that the owners of the 5 comparable installations will allow inspection of their installation by the Director's Representative and the Company Field Advisor.
      a. Make arrangements with the owners of 2 installations (selected by the Director) for inspection of the installations by the Director's Representative. Also obtain the services of the Company Field Advisor for the proposed products to be present. Notify the Director a minimum of 3 weeks prior to the availability of the installations for the inspection, and provide at least one alternative date for each inspection.
      b. Only references from the actual owner or owner's representative (Security Supervisor, Maintenance Supervisor, etc.) will be accepted. References from dealers, system installers or others, who are not the actual owners of the proposed products, are not acceptable.
         1) Verify the accuracy of all references submitted prior to submission and certify in writing that the accuracy of the information has been confirmed.
   3. The product manufacturer shall have test facilities available that can demonstrate that the proposed products meet the contract requirements.
      a. Make arrangements with the test facility for the Director's Representative to witness test demonstrations. Also obtain the services of the Company Field Advisor for the proposed product to be present at the test facility. Notify the Director a minimum of 3 weeks prior to the availability of the test facility, and provide at least one alternative date for the testing.
   4. Provide written certification from the manufacturer that the proposed products are compatible for use with all other equipment proposed for use for this system and meet all contract requirements.

C. Company Field Advisor: Secure the services of a Company Field Advisor for a minimum of 16 working hours for the following:
   1. Render advice regarding installation and final adjustment of the system.
   2. Assist in initial programming of the system.

3. Witness final system test and then certify with an affidavit that the system is installed in accordance with the contract documents and is operating properly.
4. Train facility personnel on the operation and maintenance of the system (minimum of 2 one hour sessions).
5. Explain available service programs to facility supervisory personnel for their consideration.

D. Service Availability: A fully equipped service organization capable of guaranteeing response time within 24 hours to service calls shall be available to service the completed Work.

PART 2 PRODUCTS

2.01 COMPONENTS

A. Server: Rack mounted server, 99.999% availability for mission critical applications, 2 x Intel Quad Core Xeon 3.0GHz processors, 2 x 2U CPU/IO modules w/ 2 dual port 10/100/1000 NICs, 8GB logical RAM, 500GB HDD, 3 year warranty & support, Windows 2003 Enterprise server w / 25 users and fault tolerant service system software, SQL Server 2008.

B. Workstations: Intel Quad Core Xeon 3.0GHz, 8GB RAM, 500GB HDD, DVD-RW, Gigabit NIC, keyboard/mouse, 23" LCD monitor, 3 year warranty & support, Windows server 2003R@ SP2, SQL Server 2008.

C. Software: Single software program allowing control and integration of all system components.

D. Door Controllers: 1-door, 2-door, and 8-door controllers, 32 supervised inputs, relays rated for 10A, 2 form C 2A rated auxiliary relay outputs, NEMA type enclosure, 120V power supply, standby battery capable of operating the controller for 90 minutes.

E. Card Readers / Keypads: 13.56MHz proximity card reader and 12-button keypad.
1. Manufacturer: HID.

F. NVR: 32 channels, Gigabit Ethernet, supports continuous and event-based recording, 3TB storage capacity.

G. Cameras: Wide dynamic range, day/night, network based (IP), power over Ethernet (IEEE 802.3af), fixed dome camera. Signal-to-noise ration not less than 50dB, automatic electronic shutter, automatic gain control, automatic white balance, web-based for remote setup and viewing, 1080p resolution, up to 30 frames per second at all resolutions, support two simultaneous video streams using H.264 and H.264/MJPEG compression, 1/3" CMOS image sensor, 3-9mm varifocal lens.

H. Network Switches: POE capable, 24-port, Gigabit Ethernet
   1. Small form factor pluggable modules to allow for connection of fiber optic cables.

2.02 PHOTO IDENTIFICATION EQUIPMENT

A. Complete photo ID badging system including: pan/tilt/zoom camera, tripod, backdrop, card printer / encoder, printer rolls, 5000 cards.

B. Automatic Punch and Eyelet Setter: Harco Industries Inc.'s (Phoenix, Arizona) AFP-64, with eyelets LA33-74 and snap on removable clips LA33-61.

2.03 WIRING

A. Insulated conductors shall meet requirements of Section 260519 and the following:
   1. All network devices connected to network switches with CAT 6 cable and RJ-45 terminations.
   2. Network switches interconnected with 12-strand, 62.5/125 micron, mulit-mode OFNR cable with SC connectors.
      a. Small form factor pluggable modules to allow optical cable to interface with network switches.

2.04 LABELS

A. Embossed, self adhesive tape, minimum l/4 inch wide, color of tape similar to color of equipment to be labeled (DYMO Labelmaker System).

2.05 ACCESSORIES

A. System shall include all accessories required to perform the functions summarized in SYSTEM DESCRIPTION and indicated on the drawings.

PART 3 EXECUTION

3.01 INSTALLATION

A. Install system in accordance with the Company's printed instructions.

B. Terminal Locator: Install adjacent to central controller.

C. Labels: Install on each card reader terminal, alarm monitor terminal and alarm detector, an identifying label (Card Reader No. 1, etc.).

3.02 FIELD QUALITY CONTROL

A. Obtain the services of a company field advisor for 80 hours for the following:
   1. Meeting with Director's Representative to determine desired sequence of operation.
   2. Programming of system, including creation of database.
   3. Adjusting locations of cameras.

B. Preliminary System Test:
   1. Preparation: Have the Company Field Advisor adjust the completed system and then operate it long enough to assure that it is performing properly.
   2. Run a preliminary test for the purpose of:
      a. Determining whether the system is in a suitable condition to conduct an acceptance test.
      b. Checking and adjusting equipment.
      c. Training facility personnel.

C. System Acceptance Test:
   1. Preparation: Notify the Director's Representative at least three working days prior to the test so arrangements can be made to have a Facility Representative witness the test.
   2. Make the following tests:
      a. Individually test each door (card access and monitoring).
      b. Test audible alarm.
      c. Test each system function step by step as summarized under SYSTEM DESCRIPTION.
   3. Supply all equipment necessary for system adjustment and testing.
   4. Submit written report of test results signed by Company Field Advisor and the Director's Representative. Mount a copy of the final report in a plexiglass enclosed frame assembly adjacent to the central controller.

END OF SECTION

NYS OFFICE OF GENERAL SERVICES

Serving New York

CONTRACT:	CONSTRUCTION
PROJ. NO:	44808–C
DATE:	01/03/14
DRAWN:	M.SINGLETON
APPROVED:	

SHEET TITLE:

PHOTOS OF
EXISTING SHAFT

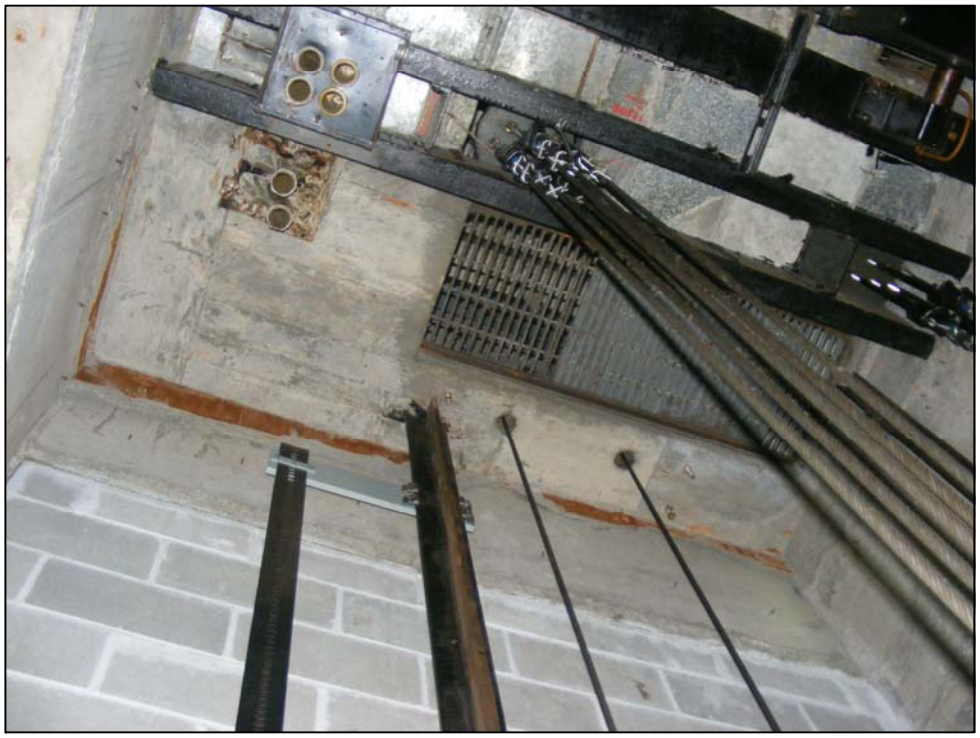
PROJECT:

RENOVATE BUILDING NO.5

DWG NO:

A–425.1

8.5x11 PLOT SHEET



NYS OFFICE OF GENERAL SERVICES

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CONTRACT:	CONSTRUCTION
PROJ. NO:	44808–C
DATE:	01/03/14
DRAWN:	M.SINGLETON
APPROVED:	

SHEET TITLE:

PHOTOS OF EXISTING ELEVATOR SHAFT

PROJECT:

RENOVATE BUILDING NO.5

DWG NO:

A–425.2

8.5x11 PLOT SHEET

NYS OFFICE OF GENERAL SERVICES

Serving New York

CONTRACT:	CONSTRUCTION
PROJ. NO:	44808–C
DATE:	01/03/14
DRAWN:	M.SINGLETON
APPROVED:	

SHEET TITLE:

PHOTOS OF
ELEVATOR SHAFT

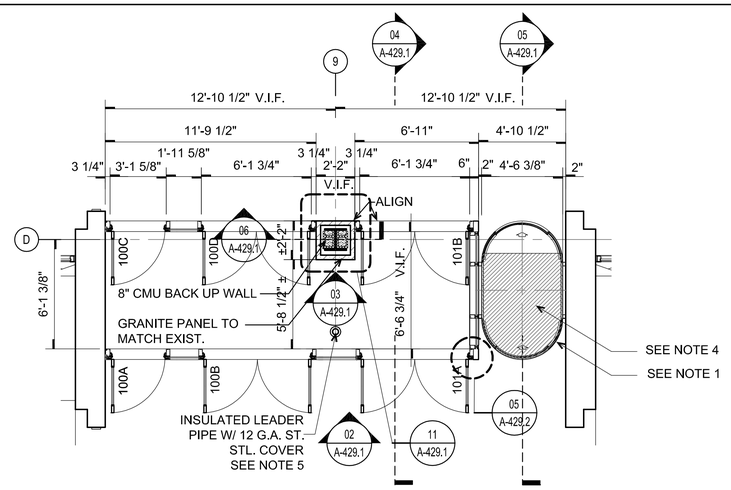
PROJECT:

RENOVATE BUILDING NO.5

DWG NO:

A–425.3

8.5x11 PLOT SHEET

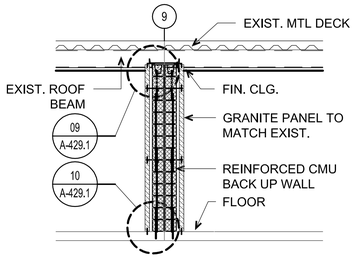


01 A-429.1 — MAIN ENTRANCE VESTIBULE FLOOR PLAN

1/4"=1'-0" 0 4' 8'

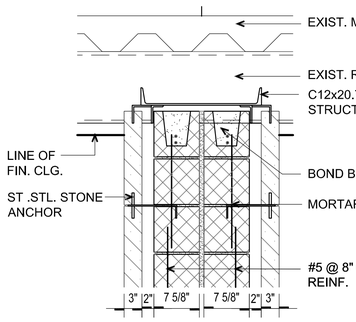
GENERAL NOTES:

1. SECURE ENTRY PORTAL- SEE SPECIFICATION SECTION 084233
2. GRANITE WALL PANELS TO MATCH ADJ. GRANITE WALL. JOINTS AND PANEL SIZE TO MATCH EXIST. SUBMIT 24" X 24" SAMPLE FOR DIRECTOR'S REPRESENTATIVE TO REVIEW AND APPROVE PRIOR TO FABRICATION.
3. EXTEND GRANITE WALL PANELS 6 IN. ABOVE FIN. CLG. SEE DETAIL 09/A-429.1
4. REMOVE EXISTING GRANITE FLOOR TILES AT THE SECURITY PORTAL AREA, PROVIDE CEMENT INFILL TO LEVEL THE FLOOR WITH ADJACENT TERRAZZO FLOORING.
5. CUT AND TRENCH AS NEEDED TO RELOCATE ROOF LEADER.



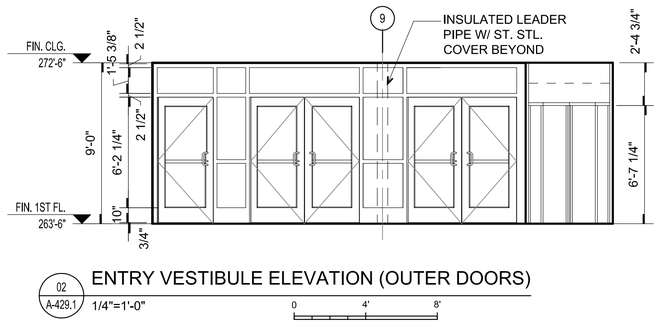
06 A-429.1 — WALL SECTION

1/4"=1'-0" 0 4' 8'



09 A-429.1 — DETAIL

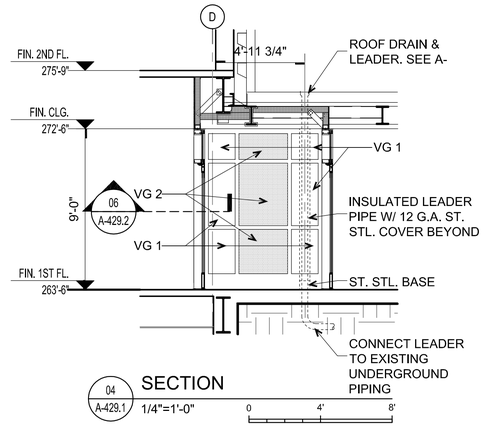
1"=1'-0" 0 1' 2'



02 A-429.1 — ENTRY VESTIBULE ELEVATION (OUTER DOORS)

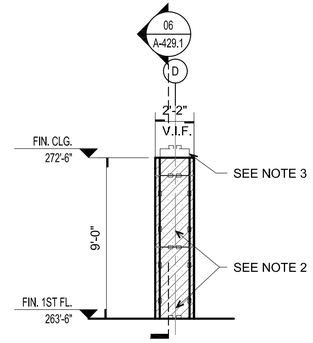
1/4"=1'-0" 0 4' 8'

NOTE: INNER ENTRY VESTIBULE ELEVATION SIM. TO OUTER VESTIBULE ELEVATION. SEE A-429.2 FOR VESTIBULE DOOR, SIDE LITE AND TRANSOM GLASS TYPES.



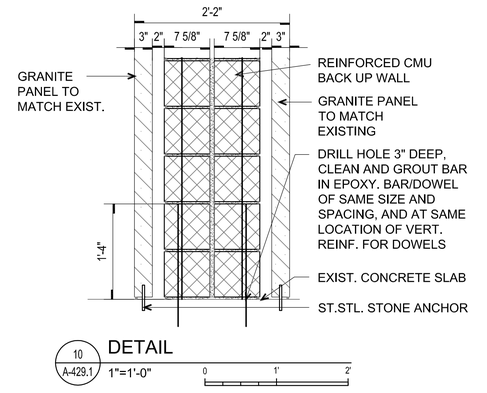
04 A-429.1 — SECTION

1/4"=1'-0" 0 4' 8'



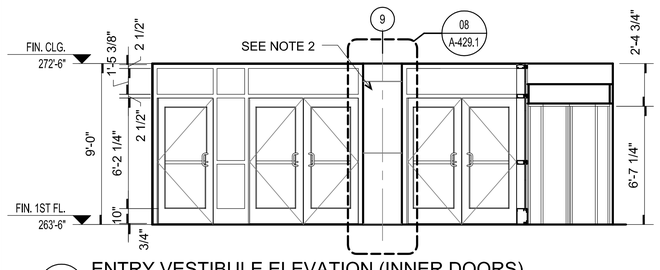
07 A-429.1 — INTERIOR ELEVATION

1/4"=1'-0" 0 4' 8'



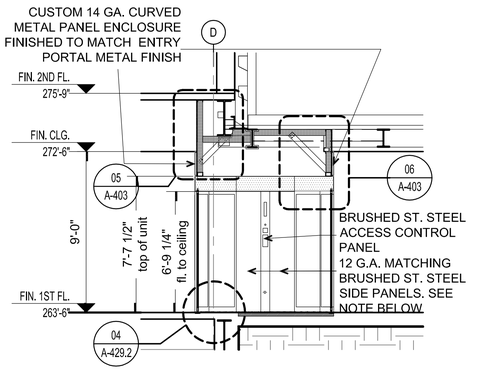
10 A-429.1 — DETAIL

1"=1'-0" 0 1' 2'



03 A-429.1 — ENTRY VESTIBULE ELEVATION (INNER DOORS)

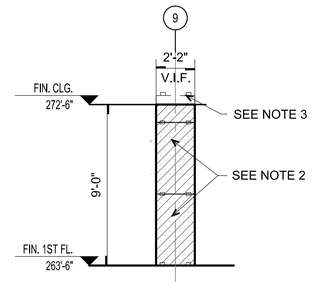
1/4"=1'-0" 0 4' 8'



05 A-429.1 — SECTION

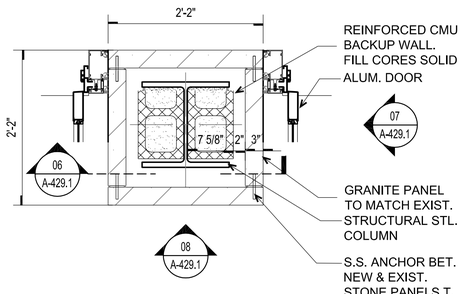
1/4"=1'-0" 0 4' 8'

PROVIDE 12 G.A. MATCHING BRUSHED ST. STEEL SIDE PANEL AT PORTAL SIDE OPPOSITE THE CONTROL PANEL



08 A-429.1 — INTERIOR ELEVATION

1/4"=1'-0" 0 4' 8'



11 A-429.1 — DETAIL

1"=1'-0" 0 1' 2'

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NEW YORK, NY 10003-1604
(212) 777 4400

HAMLIN DESIGN GROUP

REGISTERED ARCHITECT DAVID MILES ZINKIN No. 011833 STATE OF NEW YORK

CONTRACT: CONSTRUCTION

TITLE: RENOVATE BUILDING NO. 5

LOCATION: STATE OFFICE BUILDING CAMPUS 1220 WASHINGTON AVE. ALBANY, NY 12226

CLIENT: OFFICE OF GENERAL SERVICES

ADDENDUM DRAWING 1/8/14

MARK	DATE	DESCRIPTION
	10-25-13	BID DOCUMENTS

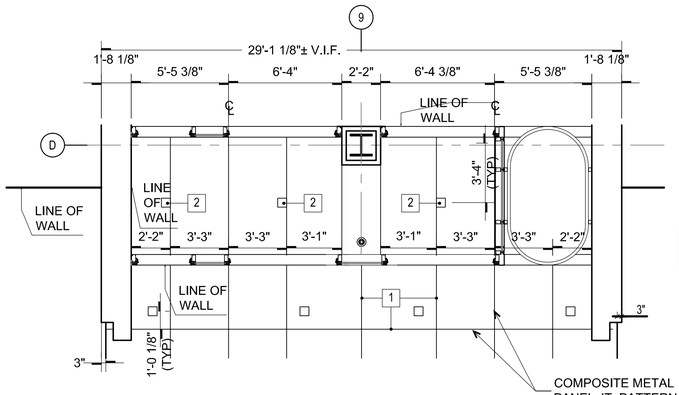
PROJECT NUMBER:	44808-C
DESIGNED BY:	HF
DRAWN BY:	PLP
FIELD CHECK:	Checker
APPROVED:	Approver

SHEET TITLE:

STOREFRONT MAIN ENTRANCE AND SECURITY PORTAL

DRAWING NUMBER: A-429.1

SHEET 83 OF 376



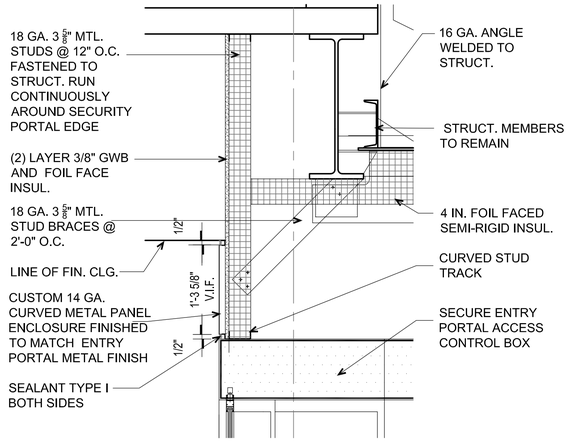
01 A-429.2 MAIN ENTRANCE REFLECTED CEILING PLAN
1/4"=1'-0" 0 4' 8'

CANOPY RCP CONSTRUCTION KEYED NOTES

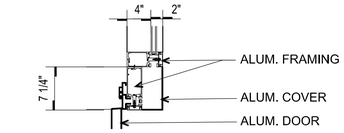
1. PROVIDE COMPOSITE METAL PANEL SOFFIT SYSTEM (ALUCOBOND OR EQUAL) TO PANEL LAYOUT SHOWN.
2. PROVIDE ELECTRICAL DOWNLIGHT FIXTURE. COORDINATE WITH ELECTRICAL.

LEGEND

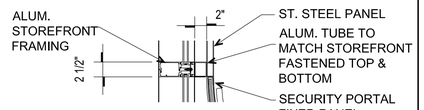
- COMPOSITE METAL PANEL SOFFIT
- GRANITE COLUMN ENCLOSURE
- ELECTRICAL DOWNLIGHT FIXTURE (COORD W/ELEC.)



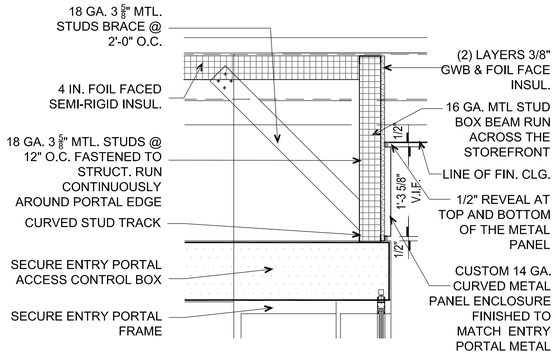
02 A-429.2 DETAIL @ SECURITY ENTRY PORTAL
1"=1'-0" 0 1' 2'



05 A-429.2 JAMB CORNER DETAIL
1"=1'-0" 0 1' 2'



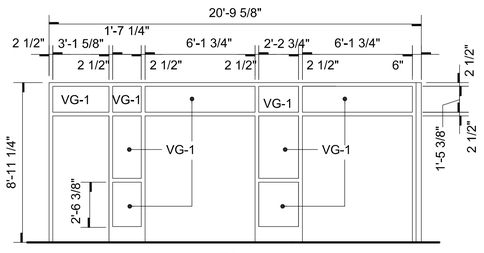
06 A-429.2 JAMB CORNER DETAIL
1"=1'-0" 0 1' 2'



03 A-429.2 DETAIL @ SECURITY ENTRY PORTAL
1"=1'-0" 0 1' 2'

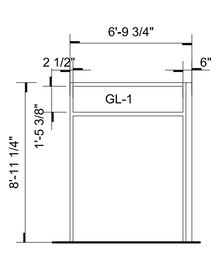
EXTERIOR DOOR SCHEDULE

DOOR NO.	LOCATION	DOOR INT/EXT	DOOR TYPE	DOOR MAT'L	DOOR QUANT'Y	DOOR NOMINAL SIZE WIDTH	DOOR NOMINAL SIZE HEIGHT	DOOR THK	FRAME TYPE	FRAME MAT'L	FRAME DTL/SHT JAMB	FRAME DTL/SHT HEAD	FRAME DTL/SHT SILL	LABEL/ FIRE RATING HRS	HARD-WARE SET	GLASS TYPE REMARKS
100A	FIRST FLOOR	EXT	D1	ALUM.	1	3'-0"	7'-0"	1 3/4"	F6	ALUM.	05A/A-429	07/A-429	08/A-429	---	NOTE 5	VG-1 (SEE A-670)
100B	FIRST FLOOR	EXT	D2	ALUM.	(1) PAIR	3'-0"	7'-0"	1 3/4"	F6	ALUM.	05A/A-429	07/A-429	08/A-429	---	NOTE 5	VG-1 (SEE A-670)
101A	FIRST FLOOR	EXT	D2	ALUM.	(1) PAIR	3'-0"	7'-0"	1 3/4"	F6	ALUM.	05A/A-429	07/A-429	08/A-429	---	NOTE 5	VG-1 (SEE A-670)
101B	FIRST FLOOR	INT	D2	ALUM.	(1) PAIR	3'-0"	7'-0"	1 3/4"	F7	ALUM.	05A/A-429	07/A-429	08/A-429	---	NOTE 5	GL-1 (SEE A-670)

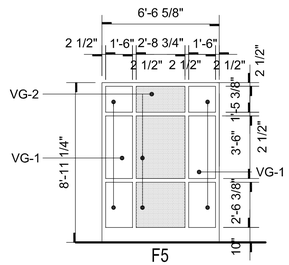


F6

07 A-429.2 FRAME TYPES
1/4"=1'-0" 0 4' 8'

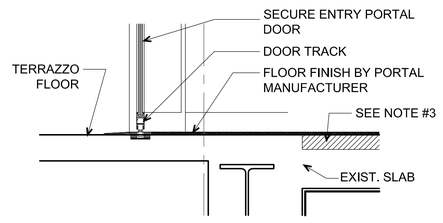


F7



F5

08 A-429.2 SIDE LITE
1/4"=1'-0" 0 4' 8'



04 A-429.2 TRESHOLD DETAIL @ SECURE ENTRY PORTAL
1"=1'-0" 0 1' 2'

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(212) 777 4400

HAMLIN DESIGN GROUP

REGISTERED ARCHITECT DAVID MILES ZAKIM No. 011833 STATE OF NEW YORK

CONTRACT: CONSTRUCTION

TITLE: RENOVATE BUILDING NO. 5

LOCATION: STATE OFFICE BUILDING CAMPUS
1220 WASHINGTON AVE.
ALBANY, NY 12226

CLIENT: OFFICE OF GENERAL SERVICES

ADDENDUM DRAWING 1/8/14

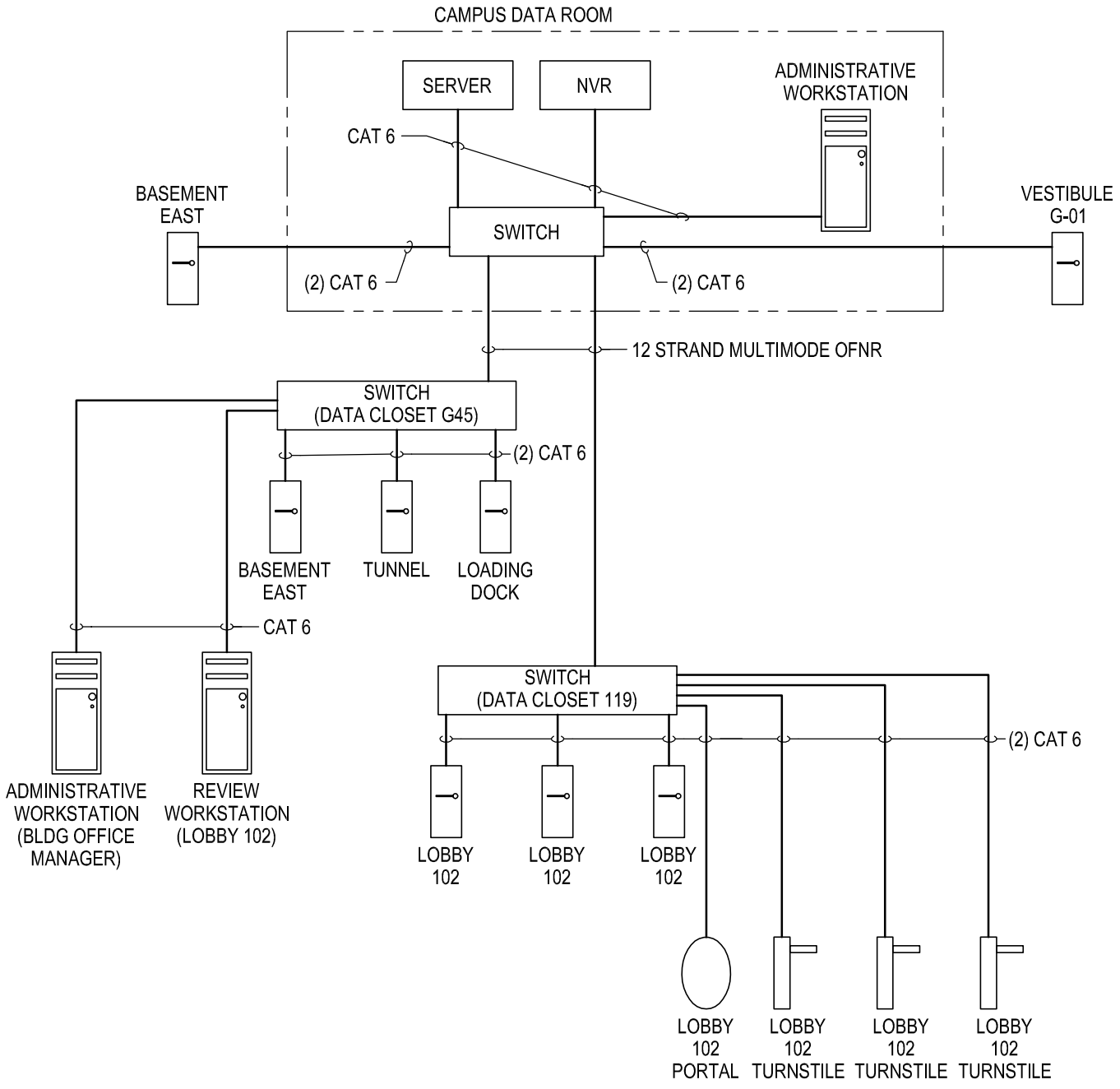
MARK	DATE	DESCRIPTION
	10-25-13	BID DOCUMENTS

PROJECT NUMBER:	44808-C
DESIGNED BY:	HF
DRAWN BY:	PLP
FIELD CHECK:	Checker
APPROVED:	Approver

SHEET TITLE:

STOREFRONT MAIN ENTRANCE AND SECURITY PORTAL

DRAWING NUMBER: A-429.2



4
E-001

ACCESS CONTROL/CCTV SINGLE LINE DIAGRAM

SCALE: NTS

NYS OFFICE OF GENERAL SERVICES
Serving New York

CONTRACT:	ELECTRICAL
PROJ. NO:	44808-E
DATE:	1/8/14
DRAWN:	GC
APPROVED:	MM

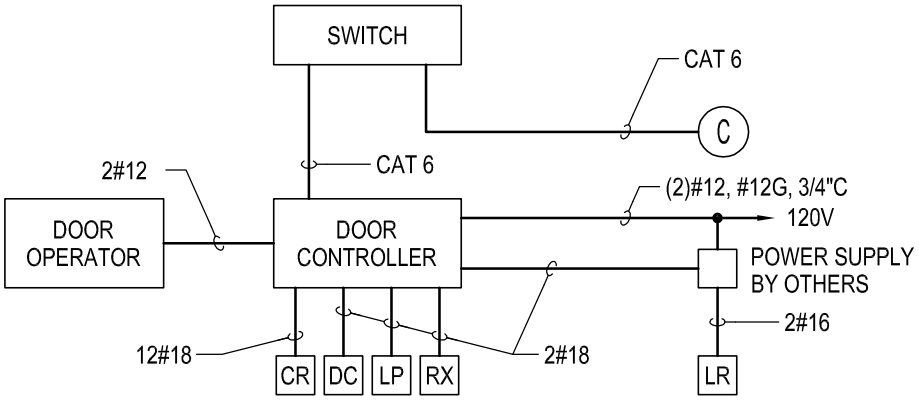
SHEET TITLE:
ABBREVIATIONS, SYMBOLS, AND DETAILS

PROJECT:
RENOVATE
BUILDING NO. 5

DWG NO:
E-017

ADDENDUM DRAWING 1/8/14

MODIFIES DRAWING E-001



5 / E-001

ACCESS CONTROL/CCTV WIRING DETAIL

SCALE: NTS

C	SECURITY CAMERA
LP	LATCH POSITION MONITORING
	TYPICAL DOOR LOCATION. REFER TO 5/E-001.
	TYPICAL SECURITY TURNSTILE LOCATION. REFER TO 5/E-001.
	SECURITY PORTAL LOCATION. REFER TO 5/E-001.
NVR	NETWORK VIDEO RECORDER

NYS OFFICE OF GENERAL SERVICES

Serving New York

CONTRACT:	ELECTRICAL
PROJ. NO:	44808-E
DATE:	1/8/14
DRAWN:	GC
APPROVED:	MM

SHEET TITLE:

ABBREVIATIONS, SYMBOLS, AND DETAILS

PROJECT:

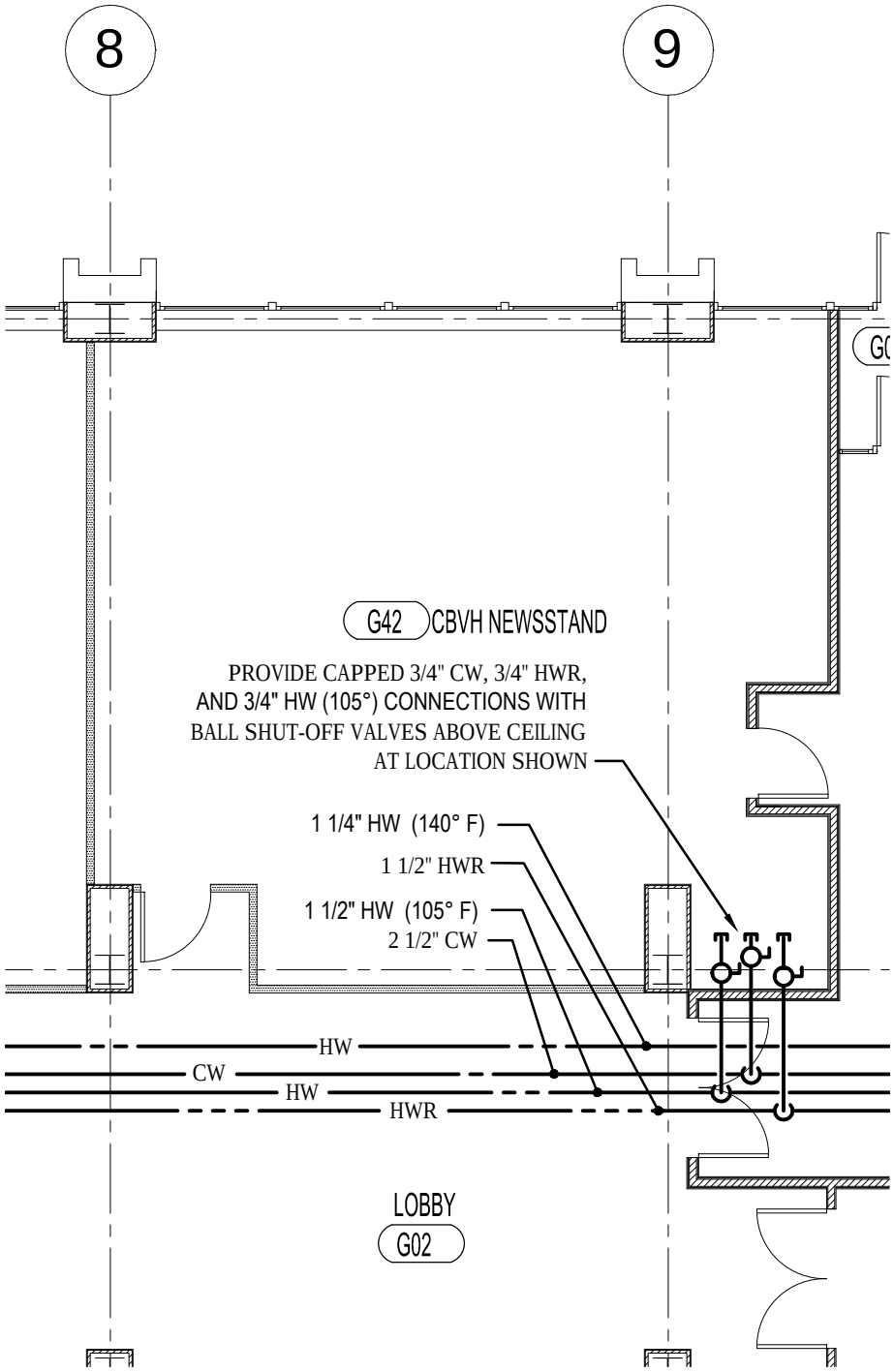
RENOVATE

BUILDING NO. 5

DWG NO: E-018

ADDENDUM DRAWING 1/8/14

MODIFIES DRAWING E-001



ADDENDUM DRAWING 1/8/14

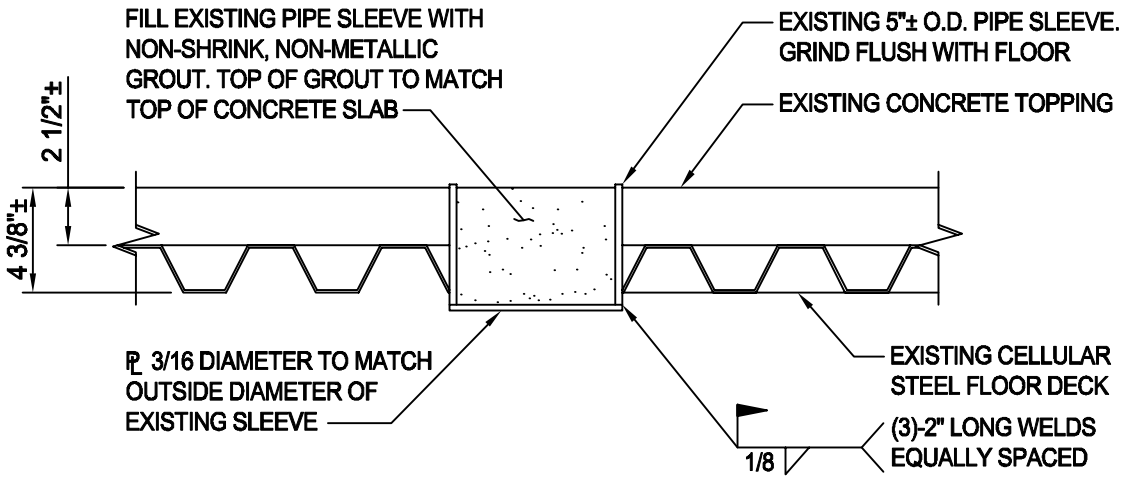
NYS OFFICE OF GENERAL SERVICES
Serving New York

CONTRACT:	PLUMBING
PROJ. NO:	44808-P
DATE:	12/17/13
DRAWN:	J.G.C.
APPROVED:	J.V.

SHEET TITLE: CVBH NEWSTAND

PROJECT: RENOVATE BUILDING NO. 5

DWG NO: P-136



TYPICAL PIPE SLEEVE FILLING DETAIL

SCALE: N.T.S.

NOTES:

1. FOR BIDDING PURPOSES ASSUME THIS CONDITION OCCURS 10 TIMES ON EACH FLOOR FOR FLOORS 1 THROUGH 6.

2. COORDINATE WITH HVAC CONTRACTOR FOR LOCATIONS.

ADDENDUM DRAWING 01/08/14

ADDENDUM #6	REFERENCE DRAWING: S-501
SHEET TITLE:	TYPICAL PIPE SLEEVE FILLING DETAIL
PROJECT:	RENOVATE BUILDING NO. 5

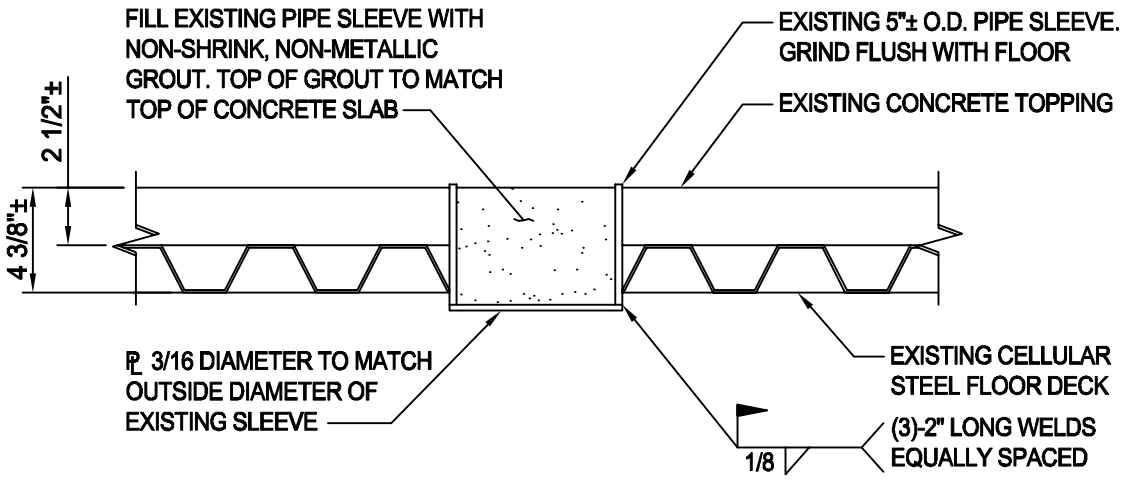
NYS OFFICE OF GENERAL SERVICES

Serving New York

CONTRACT:	CONSTRUCTION
PROJ. NO:	44808-C
DATE:	01/08/14
DRAWN:	BAS
APPROVED:	BJB

DWG NO: S-504

8.5x11 PLOT SHEET



TYPICAL PIPE SLEEVE FILLING DETAIL

SCALE: N.T.S.

NOTES:

1. FOR BIDDING PURPOSES ASSUME THIS CONDITION OCCURS 10 TIMES ON EACH FLOOR FOR FLOORS 1 THROUGH 6.

2. COORDINATE WITH HVAC CONTRACTOR FOR LOCATIONS.

ADDENDUM DRAWING 01/08/14

ADDENDUM #6	REFERENCE DRAWING: S-501
SHEET TITLE:	TYPICAL PIPE SLEEVE FILLING DETAIL
PROJECT:	RENOVATE BUILDING NO. 5

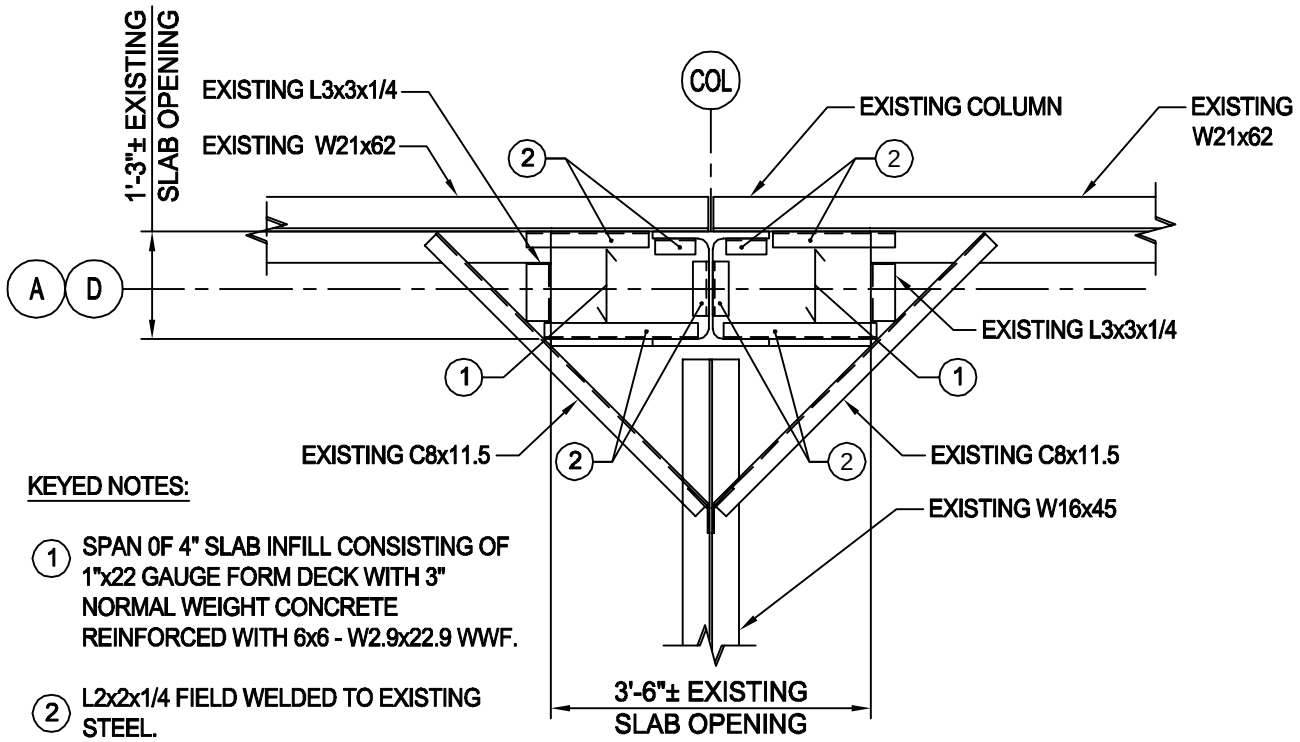
NYS OFFICE OF GENERAL SERVICES

Serving New York

CONTRACT:	CONSTRUCTION
PROJ. NO:	44808-C
DATE:	01/08/14
DRAWN:	BAS
APPROVED:	BJB

DWG NO: S-504

8.5x11 PLOT SHEET



KEYED NOTES:

1. SPAN 0F 4" SLAB INFILL CONSISTING OF 1"x22 GAUGE FORM DECK WITH 3" NORMAL WEIGHT CONCRETE REINFORCED WITH 6x6 - W2.9x22.9 WWF.
2. L2x2x1/4 FIELD WELDED TO EXISTING STEEL.

INFILL OF EXISTING SLAB OPENING PERIMETER COLUMNS

SCALE: N.T.S.

NOTES:

1. FIELD VERIFY EXISTING CONDITIONS.
2. THIS CONDITION OCCURS 12 TIMES AT EACH FLOOR.

ADDENDUM DRAWING 01/08/14

ADDENDUM #6	REFERENCE DRAWING: S-501
SHEET TITLE:	INFILL OF EXISTING SLAB OPENING AT PERIMETER COLUMNS
PROJECT:	RENOVATE BUILDING NO. 5

NYS OFFICE OF GENERAL SERVICES
Serving New York

CONTRACT:	CONSTRUCTION
PROJ. NO:	44808-C
DATE:	01/08/14
DRAWN:	BAS
APPROVED:	BJB

DWG NO: S-506

8.5x11 PLOT SHEET