1316 COUNTY-CITY BUILDING
227 W. JEFFERSON BOULEVARD
SOUTH BEND, INDIANA 46601-1830

PHONE 574/ 235-9251
FAX 574/ 235-9171
TDD 574/ 235-5567

CITY OF SOUTH BEND STEPHEN J. LUECKE, MAYOR

BOARD OF PUBLIC WORKS

Date: 2/14/08
To: All Contractors/Vendors
From Linda M. Martin, Clerk
Subject Addendum Number: 3
Project Name: Eddy Street Commons Phase II Parking Garage
Project Number: 108-004

ACKNOWLEDGEMENT OF RECEIPT OF ADDENDUM

Date Received: _____

This addendum is being forwarded to you for the above referenced project.

Please sign below and acknowledge receipt of this Addendum by faxing this sheet to the Board of Public Works at (574) 235-9171 within 24 hours of receipt. THIS ADDENDUM MAY AFFECT YOUR BID.

Notes:

_____

_____

_____

Company: _____

Authorized Signature: _____

Date: _____

ENGINEERING
CARL LITTRELL, P.E.
574/ 235-9251
FAX 574/ 235-9171

ENVIRONMENTAL SERVICES
JOHN J. DILLON, PH.D.
574/ 277-8515
FAX 574/ 277-8980

CENTRAL SERVICES
MATT CHLEBOWSKI
574/ 235-9316
FAX 574/ 9007

STREETS
SAM HENSLEY
574/ 235-9244
FAX 574/ 235-9272

WATER WORKS
JOHN F. STANCATI
574/ 235-9322
FAX 574/ 235-9728

ADDENDUM # 3

February 14, 2008

PROJECT:

Eddy Street Commons Phase II Parking Garage
1200 Edison Road
South Bend, Indiana

City Project No. 108-004

OWNER:

City of South Bend
Board of Public Works
1316 County-City Building
South Bend, IN 46601

CONSTRUCTION MANAGER:

Kite Realty Group
30 South Meridian Street, Suite 1100
Indianapolis, IN 46204

ARCHITECT/ ENGINEERS:

Fink Roberts & Petrie, Inc.
4040 Vincennes Circle, Suite 300
Indianapolis, IN 46268

Looney Ricks Kiss
175 Toyota Plaza
Memphis, TN 38103

Circle Design Group
5510 South East Street, Suite F
Indianapolis, IN 46227

Walker Parking Consultants
6602 East 75th Street, Suite 210
Indianapolis, IN 46250

The Troyer Group
550 Union Street
Mishawaka, IN 46554

Eddy Street Commons Parking Garage – Phase II
South Bend, Indiana
City Project No. 108-004

Addendum No. 3
February 14, 2008

CONTRACTOR QUESTIONS: (Questions summarized)

1. Section 1 on S201 shows the top of ledge elevation at 98'-0" for the slab on grade on the high side of the wall. This elevation does not match with the slab on grade elevations shown on S101. Please advise if this section cut should be updated to show a concrete crash wall with masonry infill above similar to section 5 on S201.

Answer: Top of wall elevation to be revised to "varies". Elevation will be noted to be 1'-0" below top of slab. The wall information is otherwise correct (no CMU infill).

2. Is Johns Manville an acceptable product to be included in specification section 07543-2.1A?

Answer: Yes.

3. On sheet S500 we only have the detail for the larger canopy. Would you supply information on the smaller canopy?

Answer: Included in Addendum No. 3.

4. On sheet S500 you show a detail for C and D S500. We do not have these details.

Answer: Included on Addendum No. 3.

5. On sheet S500 detail A what is the material that makes up the out edge of the framing? You have it labeled as WXxXX.

Answer: Included in Addendum No. 3.

6. We need the specifications for the garage deck expansion joint and expansion joints between basement retaining wall and first level deck (Detail 1 on Drawing A603).

Answer: See specification section 07100-2.2 and Detail A/S304 for joint through structure. See 1/A603 (Addendum No. 2) for joint between retaining wall and first level deck. This joint is to be by waterproofing contractor.

7. The finish schedule shows that the garage interior CMU walls do not receive paint, but on sheet A402 it shows that the (TYP) 8" CMU is to be painted. Could you clear up which one we need to figure on?

Answer: This is clarified in Addendum No. 3.

8. Stairs #4 and #5 reference drawing A506. We do not have this sheet.

Answer: Included in Addendum No. 3.

9. The Cover sheet refers to drawing Q2 for the signage. We do not have sheet Q2.

Answer: Included in Addendum No. 3.

10. Detail F on Drawing S307 (ramp at first floor drawing S10) does not exist. Please supply this information.

Answer: Included in Addendum No. 3.

11. Section 4/S201 has no call out for the horizontal reinforcing, size and spacing.

Answer: Horizontal reinforcing is #5 at 12" each face.

REVISIONS TO PROJECT MANUAL

SECTION 00800 - SUPPLEMENTAL GENERAL CONDITIONS

1. Paragraph 11.1.1: Delete the words ", with claims representation in South Bend, Indiana," without substitution.
2. Paragraph 11.1.2.13.a.4): Delete in its entirety without substitution.
3. Paragraph 11.1.2.1.3.a.5): Paragraphs b. printed below this paragraph are a continuation of Paragraph 11.1.2.1.3.b.
4. Paragraph 11.1.4.c: Delete the words "additional insureds" and substitute "primary insureds."
5. Paragraph 11.2.1.1: Delete in its entirety and substitute the following new paragraph: "11.2.1.1 The Owner is self-insured for liability."

SECTION 07410 – METAL PANEL ROOFING

1. New Section issued in its entirety.

SECTION 07543 – THERMOPLASTIC POLYOLEFIN (TPO) ROOFING

1. Paragraph 2.1.A.1 – Add "f. Johns Manville Roofing Systems."

SECTION 08410 – ALUMINUM ENTRANCES AND STOREFRONT

1. Paragraph 2.1.B – Add "5. Tubelite Inc."

SECTION 08800 – GLAZING

1. Delete Paragraph 2.2 in its entirety.

SECTION 08911 – GLAZED ALUMINUM CURTAIN WALLS

1. Paragraph 2.1.A – Add "4. Tubelite Inc."

Section 26 05 01 – GENERAL PROVISIONS

1. Under 2.03, B. Material and Supplies List add the following Light Fixture Types D, D1, E, E1, E2 and F.

Section 26 35 13 – CAPACITORS LOW VOLTAGE

1. Add the attached Specification Section to the bid documents.

Section 26 51 00 – LIGHT FIXTURES, LAMPS AND BALLAST

1. Add the following light fixture cut sheets: Type D, D1, E, E1, E2 and F.

ATTACHED SPECIFICATIONS

Section 26 335 13 – Capacitors Low Voltage

ATTACHED FULL SIZE DRAWINGS

S102, S200, S202, S300, S305, S307, S500
A213, A506, A511, A601, A607, P201, P202, E102, E103, E104, E502

ATTACHED 8 ½" x 11" SIZE DRAWINGS

S-SK001, S-SK002, S-SK003, S-SK004, S-SK005

P-SK004, P-SK005, P-SK006, P-SK007, P-SK008, P-SK009, P-SK010, P-SK011, P-SK012, P-SK013, P-SK014,

H-SK001

E-SK002, E-SK003, E-SK004, E-SK005, E-SK006, E-SK007, E-SK008, E-SK009, and E-SK010

REVISIONS TO DRAWINGS

Drawing S100

1. Add Note 9 – See Drawing S102 for pier and Anchor Bolt Marks.

Drawing S101

1. Add Section cuts as indicated on attached sketch S-SK001.

Drawing S102

1. Revise as indicated on attached full size drawing S102.

Drawing S103

1. Add Detail bubble F/S500 as indicated on attached sketch S-SK002.
2. Add (2) blockouts per bay through all concrete beams that run on main column lines in the north-south direction. See A/S102.

Drawing S104

1. Add (2) blockouts per bay through all concrete beams that run on main column lines in the north-south direction. See A/S102.

Drawing S105

1. Add(2) blockouts per bay through all concrete beams that run on main column lines in the north-south direction. See A/S102.

Drawing S201

1. Section 1 – Revise top of wall ledge elevation to "varies". Ledge is 1'-0" below top of slab.
2. Section 4 – Call out horizontal wall reinforcing to be #5 at 12".

Drawing S202

1. Revised as indicated on attached full size drawing S202.

Drawing S300

1. Revised as indicated on attached full size drawing S300.

Drawing S301

1. Revise Beam Schedule as noted on attached sketch S-SK003.

Drawing S305

1. Revised as indicated on attached full size drawing S305.

Drawing S306

1. Revise Detail A as indicated on attached sketch S-SK004

Drawing S307

1. Revised as indicated on attached full size drawing S307.

Drawing S309

1. Detail B – Indicate cut off length for top bars not lapped to be 0.30 times clear span length.
2. Detail C – Indicate cut off length for top bars not lapped to be 0.30 times clear span for end supports and 0.35 times clear span for interior support.

Drawing S400

1. Add CMU Wall Vertical Reinforcing Schedule as indicated on attached sketch S-SK005.

Drawing S500

1. Revised as indicated on attached full size drawing S500.

Drawing A101

1. Provide and install 18 painted steel bollards on this level according to detail G/S202. Locations to be determined by Architect.

Drawing A102

1. Provide and install 31 painted steel bollards on this level according to detail K/S303. Locations to be determined by Architect.

Drawing A103

1. Provide and install 14 painted steel bollards on this level according to detail K/S303. Locations to be determined by Architect.

Drawing A104

1. Provide and install 26 painted steel bollards on this level according to detail K/S303. Locations to be determined by Architect.

Drawing A105

1. Provide and install 16 painted steel bollards on this level according to detail K/S303. Locations to be determined by Architect.

Drawing A201

1. Add this General Note under the Finish Schedule: "1. CMU walls exposed to the interior of any occupiable space shall receive paint according to Specification Section 09900. CMU walls exposed to the garage shall receive Elastomeric Coating according to Specification Section 09963."

2. Add this General Note under the Finish Schedule: "2. Lumber Trim for Opaque Finish (Painted): Finished lumber (S4S), either finger-jointed or solid lumber, of one of the following species and grades: alder, aspen, basswood, cottonwood, gum, magnolia, soft maple, sycamore, tupelo, or yellow poplar; Select and Better grade, suitable for priming, per NHLA standards. Maximum moisture content: 13 percent. Wood base profile shall be nominal 1" x 6" solid lumber with square edge."

Drawing A213

1. New Drawing issued in its entirety.

Drawing A506

1. New Drawing issued in its entirety.

Drawing A511

1. Revised Drawing issued in its entirety.

Drawing A601

1. Revised Drawing issued in its entirety.

Drawing A607

1. Revised Drawing issued in its entirety.

Drawing P201 (Full size)

1. Change storm water pump basin to waste water pump basin and revise piping.
2. Change finished floor elevation to 742.00'.

Drawing P202 (Full size)

1. Revise invert elevations on all storm and sanitary piping to reflect new finished floor elevations.
2. Change all areas drains (AD-1) to floor drains (FD-2).
3. Revise routing of pump discharge piping.
4. Revise routing of storm and fire protection piping.
5. Change upright sprinkler heads in elevator lobbies to recessed pendant sprinkler heads.

Drawing P203

1. Change upright sprinkler heads in elevator lobbies to recessed pendant sprinkler heads as shown on attached Sketches P-SK004 and P-SK005.
2. Change finished floor elevation to 742.00'.

Drawing P204

1. Change upright sprinkler heads in elevator lobbies to recessed pendant sprinkler heads as shown on attached Sketches P-SK006 and P-SK007.

Drawing P205

1. Change upright sprinkler heads in elevator lobbies to recessed pendant sprinkler heads as shown on attached Sketches P-SK008 and P-SK009.
2. Revise location of dry standpipes and add Plan Note 7 as shown on attached Sketches P-SK008 and P-SK009.

Drawing P206

1. Add recessed pendant sprinkler heads and associated plan note to elevator lobbies as shown on attached Sketches P-SK010 and P-SK011.

Drawing P301

1. Revise incoming domestic water and fire service as shown on attached Sketch P-SK012.

Drawing P501

1. Change storm water pump, Detail E to Waste Water Pump, Detail E and revise invert elevations as shown on attached Sketch P-SK013.
2. Revise Drainage Fitting Schedule and Plumbing Equipment Schedule as shown on attached Sketch P-SK014.

Drawing H201

1. Revise ventilation system for the storage and electrical rooms as shown on attached Sketch H-SK001.

Drawing E001

1. Add the following Project Electrical General Notes

a. **CCTV/SECURITY SYSTEM**
   i. **ELECTRICAL CONTRACTOR TO PROVIDE ALL ROUGH-INS, CONDUIT AND PULL WIRE BETWEEN ROUGH-INS AND HEAD END EQUIPMENT. HEAD END EQUIPMENT SHALL BE LOCATED IN ELECTRICAL ROOM IN BASEMENT ON THE WEST EQUIPMENT TERMINAL BOARD.**
   ii. **COORDINATE FINAL ROUGH-IN LOCATIONS WITH SYSTEMS CONTRACTOR.**
   iii. **REFER TO CARD READER DETAILS ON DRAWING E502 FOR ADDITIONAL INFORMATION.**
   iv. **PROVIDE BLANK PLATES ON ALL ROUGH-INS.**

b. **EMERGENCY PHONES**

i. **ELECTRICAL CONTRACTOR TO PROVIDE ALL ROUGH-INS, CONDUIT AND PULL WIRE BETWEEN ROUGH-INS AND HEAD END EQUIPMENT. HEAD END EQUIPMENT SHALL BE LOCATED IN ELECTRICAL ROOM IN BASEMENT ON THE TELEPHONE TERMINAL BOARD.**
ii. **COORDINATE FINAL ROUGH-IN LOCATIONS WITH SYSTEMS CONTRACTOR.**
iii. **ROUTE 1" CONDUIT AND PULL WIRE FROM EMERGENCY PHONE ROUGH-IN TO TELEPHONE TERMINAL BOARD IN ELECTRICAL ROOM IN BASEMENT.**
iv. **PROVIDE BLANK PLATES ON ALL ROUGH-INS.**

2. Add/change electrical symbols. See attached Sketch E-SK002,

Drawing E101

1. Change lighting in elevator lobbies and northeast stair and revise mechanical equipment locations. See attached Sketches E-SK003, E-SK004, E-SK-005.

Drawing E102

1. Add lighting at entrances, change lighting in elevator lobbies and northeast stair. Also add security rough-ins. See attached Drawing E102.

Drawing E103

1. Change lighting in elevator lobbies and northeast stair. Also add security rough-ins. See attached Drawing E103.

Drawing E104

1. Change lighting in elevator lobbies and northeast stair. Also add security rough-ins. See attached Drawing E104.

Drawing E105

1. Change lighting in elevator lobbies and northeast stair. Also add security rough-ins. See attached Sketches E-SK006, E-SK007, E-SK008, and E-SK009.
2. Provide capacitor in NEMA 3R rated enclosure with NEMA 3R 150 amp disconnect switch, installed ahead of capacitor and starter for EF-1 through EF-12.

Drawing E301

1. Add another equipment terminal board, receptacles and adjust mechanical equipment connection location. See attached Sketch E-SK010.
2. Provide capacitors and install between fuse switch and elevator equipment.

Drawing E401

1. Change interior lighting contactor "ILCG1" TO A 3 POLE contactor.

Drawing E501

1. Circuit #16 in Panel "GH2" shall read: "LIGHTING EAST CANOPY."

   The circuit is controlled via exterior lighting contactor "ELCG1". Update circuit index card.

2. Circuits #18, 24 and 26 in Panel "GH1" shall read respectively:

   "LIGHTING GROUND LEVEL (W) ENTRY", "LIGHTING GROUND LEVEL (E) ENTRY" AND "LIGHTING GROUND LEVEL (S) ENTRY".

   These circuits are controlled via interior lighting contactor "ILCG1". Update circuit index card.

Drawing E502

1. Add card reader details and update circuit index cards. See attached Drawing E-502.

SECTION 07410

METAL PANEL ROOFING

PART 1 - GENERAL

1.1 SUMMARY

A. This Section includes the following: Factory-formed standing seam metal roofing, including flashing and accessories.

B. Related Sections include:

1. Division 5 Section "Cold-Formed Metal Framing" for secondary support framing supporting metal roof panels.
2. Wood Framing and Decking: Division 6 Rough Carpentry Section.
3. Gutters and downspouts: Division 7 Section "Flashing and Sheet Metal".
4. Soffit Vents, Flashing and Trim: Division 7 "Flashing and Sheet Metal".
5. Sealants: Division 7 Joint Sealers Sections.

1.2 REFERENCES

A. American Society for Testing and Materials (ASTM):

1. ASTM A 792 - Specification for Steel Sheet, 55 percent Aluminum-zinc Allow-Coated by the Hot-Dip Process.
2. ASTM E1680 - Test Method for Determining the Rate of Air Leakage Through Exterior Windows, Curtain Walls and Doors Under Specified Pressure Differences Across the Specimen.
3. ASTM E1592 - Test Method for Structural Performance of Sheet Metal Roof and Siding Systems by Uniform Static Air Pressure Difference

B. Underwriters Laboratories (UL):

1. UL 263 - Fire Tests of Building Construction and Materials.
2. UL 580 - Test for Wind-Uplift Resistance of Roof Assemblies.
3. UL 790 - Test for Fire Resistance of Roof Covering Materials.
4. UL-2218 - Impact Resistance Test

C. Sheet Metal and Air Conditioning Contractors National Association (SMACNA): SMACNA Architectural Sheet Metal Manual

1.3 SYSTEM DESCRIPTION

A. Performance Requirements: Provide sheet metal roofing which has been manufactured, fabricated and installed to withstand structural and thermal movement, wind loading and weather exposure to maintain manufacturer's performance criteria without defects, damage, failure of infiltration of water.

B. Air Infiltration: Air leakage through assembly of not more than 0.06 cubic feet per minute per square foot of roof area when tested according to ASTM E 283 at the following test-pressure difference:

1. Test-Pressure Difference: Positive and negative 1.57 pounds-force per square foot.

C. Water Penetration: No water penetration when tested according to ASTM E 331 at the following test-pressure difference:

1. Test-Pressure Difference: 20 percent of positive design wind pressure, but not less than 6.24 pounds-force per square foot and not more than 12.0 pounds-force per square foot.

D. Wind-Uplift Resistance: Provide metal roof panel assemblies that comply with UL 580 for wind-uplift resistance class UL 90.

1.4 SUBMITTALS

A. Product Data: Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for each type of metal roof panel and accessory.

B. Shop Drawings: Show fabrication and installation layouts of metal roof panels; details of edge conditions, joints, panel profiles, corners, anchorage, trim, flashing, closures, and accessories; and special details. Distinguish between factory- and field-assembled work.

1. Include manufacturer's installation instructions for clips and panels to achieve UL 90 classification.
2. Details at perimeter conditions shall include provisions to meet wind uplift rating specified.

C. Accessories: Include details of the following items, at a scale of not less than 1-1/2 inches per 12 inches:

1. Flashing and trim, and all perimeter conditions.
2. Hips, valleys, and ridges.

D. Samples for Verification: For each type of metal roof panel indicated with factory-applied color finishes. Size of color samples shall be not less than 3 inches by 4 inches.

E. Quality Assurance Submittals: Submit the following:

1. Certificates: Product certificates signed by manufacturer certifying materials comply with specified performance characteristics and physical requirements.
2. Manufacturer's Instructions: Manufacturer's installation instructions.
3. Roof manufacturer's certification that installation instructions and details are approved for use with snow guard system.

F. Closeout Submittals:

1. Operation and Maintenance Date: Operation and maintenance date for installed products in accordance with Division 1 Closeout Submittals, Maintenance Data and Operation Data Section. Include methods for maintaining installed products and precautions against cleaning materials and methods detrimental to finishes and performance.
2. Warranty documents specified herein.
3. Record Documents: Project record documents for installed materials in accordance with Division 1 Closeout Submittals, Project Record Documents Section.

1.5 QUALITY ASSURANCE

A. Installer Qualifications: Installer experienced in performing work of this section who has specialized in the installation of work similar to that required for this project.

1. Certificate: When requested, submit certificate indicating qualification.

B. Sheet Metal Industry Standard: Comply with Sheet Metal and Air Conditioning Contractors National Association (SMACNA) Architectural Sheet Metal Manual.

1.6 DELIVERY, STORAGE AND HANDLING

A. General: Comply with Division 1 Product Requirements Sections.

1. Delivery: Deliver materials in manufacturer's original, unopened, undamaged containers with identification Labels intact. Identify fabricated components with UL 90 label where appropriate.

B. Storage and Protection: Store materials protected from exposure to harmful conditions. Store material in dry, above ground location.

1. Stack pre-finished material to prevent twisting, bending, abrasion, scratching and denting. Elevate one end of each skid to allow for moisture to run off.
2. Prevent contact with material that may cause corrosion, discoloration or staining.
3. Do not expose material with factory applied strippable film to direct sunlight or heat that might damage the film or the finish.

1.7 PROJECT CONDITIONS

A. Field Measurements: Verify actual measurements/openings by field measurements before fabrication; show recorded measurements on shop drawings. Coordinate field measurements, fabrication schedule with construction progress to avoid construction delays.

1.8 WARRANTY

A. Project Warranty: Refer to Conditions of the Contract for project warranty provisions. Manufacturer's Warranty: Submit, for Owner's acceptance, manufacturer's standard warranty document executed by authorized company official. Manufacturer's warranty is in addition to and not a limitation of, other rights Owner may have under the Contract Documents.

B. Special Weather-tight Warranty: Submit a written warranty executed by manufacturer and the installer agreeing to repair or replace metal roof panel assembly that fails to remain weather-tight and/or to meet project design criteria within the specified warranty period.

1. Weather-tight Warranty Period: 5 years from date of Substantial Completion.

C. Special Warranty on Panel Finishes: Manufacturer's standard form in which manufacturer agrees to repair finish or replace metal roof panels that show evidence of deterioration of factory-applied finishes within specified warranty period.

1. Fluoropolymer Finish: Deterioration includes, but is not limited to, the following:
   a. Color fading more than 5 Hunter units when tested according to ASTM D 2244.
   b. Chalking in excess of a No. 8 rating when tested according to ASTM D 4214.
   c. Cracking, checking, peeling, or failure of paint to adhere to bare metal.

2. Finish Warranty Period: 20 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.1 SHEET METAL ROOFING

A. Products: Subject to compliance with requirements, provide one of the products specified.

1. "Snap-Clad", Petersen Aluminum Corporation.
2. #305 Series, Merchant & Evans, Inc.
3. "Snap-Seam" Panels, AEP-SPAN.
4. "SDP 175", Centria Roof systems.
5. "Inter-Lock" Dimensional Metals, Inc.

2.2 MATERIALS

A. Metallic-Coated Steel Sheet Pre-painted with Coil Coating: Steel sheet metallic coated by the hot-dip process and pre-painted by the coil-coating process to comply with ASTM A 755/A 755M.

1. Zinc-Coated (Galvanized) Steel Sheet, ASTM A 653, G90 coating designation; structural quality.
2. Manufacturer's option: Aluminum-Zinc Alloy-Coated Steel Sheet: ASTM A 792, Class AZ50 coating designation, Grade 40 structural quality.
3. Surface: Smooth, flat.
4. Exposed Finishes: Apply the following coil coating, as specified or indicated on Drawings.
   a. High-Performance Organic Finish: Prepare, pre-treat, and apply coating to exposed metal surfaces to comply with coating and resin manufacturers' written instructions.
   b. Fluoropolymer Two-Coat System: Manufacturer's standard metallic two-coat, thermocured system consisting of specially formulated inhibitive primer, fluoropolymer color coat containing not less than 70 percent polyvinylidene fluoride resin by weight, with a minimum total dry film thickness of 1.0 mil; complying with physical properties and coating performance requirements of AAMA 2605.
5. Panel width: nominal 16 inches wide.
6. Concealed Finish: Apply pretreatment and manufacturer's standard white or light-colored acrylic or polyester backer finish, consisting of prime coat and wash coat with a minimum total dry film thickness of 0.5 mil.
7. Protective film: Apply strippable protective vinyl film during panel fabrication and finishing.

B. Color: As selected by Architect from manufacturer's full range.

2.3 UNDERLAYMENT MATERIALS

A. Self-Adhering, High-Temperature Sheet: 30 to 40 mils thick minimum, consisting of slip-resisting, polyethylene-film top surface laminated to layer of butyl or SBS-modified asphalt adhesive, with release-paper backing; cold applied. Provide primer when recommended by underlayment manufacturer.

1. Thermal Stability: Stable after testing at 240 degrees F; ASTM D 1970.
2. Low-Temperature Flexibility: Passes after testing at minus 20 degrees F; ASTM D 1970.
3. Products: Subject to compliance with requirements, provide one of the following:
   a. Carlisle Coatings & Waterproofing Inc., Div. of Carlisle Companies Inc.; CCW WIP 300HT.
   b. Grace Construction Products; a unit of Grace, W. R. & Co.; Ultra.
   c. Henry Company; Blueskin PE200 HT.
   d. Metal-Fab Manufacturing, LLC; MetShield.
   e. Owens Corning; WeatherLock Metal High Temperature Underlayment.

B. Felts: ASTM D 226, Type II (No. 30), asphalt-saturated organic felts.

C. Slip Sheet: Manufacturer's recommended slip sheet, of type required for application.

2.4 RELATED MATERIALS

A. Bearing plates for hold-down clips over plywood deck: Roof manufacturer's recommended gauge and size, but not less than 4-1/2 inches by 6 inches, 26 gauge.

B. Provide separation material at clips and fasteners where contact between different metals is possible.

2.5 FABRICATION

A. General: Fabricate and finish metal roof panels and accessories at the factory to greatest extent possible, by manufacturer's standard procedures and processes, as necessary to fulfill indicated performance requirements demonstrated by laboratory testing. Comply with indicated profiles and with dimensional and structural requirements.
   1. Panels fabricated by portable roll former shall not be accepted.

B. Continuous Length: Fabricate roof panels 50 feet and less in one continuous length.

C. Trim and Flashing: Fabricate trim and flashing from same material as roof system material.

PART 3 - EXECUTION

3.1 MANUFACTURER'S INSTRUCTIONS

A. Compliance: Comply with manufacturer's product data, recommendations and installations instructions for substrate verification, preparation requirements and installation.

B. Strippable Film: Remove manufacturer's protective film, if any, from surfaces of roofing panels.

3.2 EXAMINATION

A. Site Verification of Conditions: Verify substrate conditions, which have been previously installed under other sections, are acceptable for project installation in accordance with manufacturer's instructions.

3.3 PREPARATION

A. Coordination: Coordinate metal roofing with other Work (drainage, flashing and trim, deck substrates, walls) and other adjoining work to provide a non-corrosive and leak-proof installation.

B. Metal Protection: Where dissimilar metals will contact each other or corrosive substrates, protect against galvanic action by painting contact surfaces with bituminous coating, by applying rubberized-asphalt underlayment to each contact surface, or by other permanent separation as recommended by metal roof panel manufacturer.

3.4 INSTALLATION

A. General: Install metal roofing panels to profiles, patterns and drainage indicated and required for leak-proof installation. Provide for structural and thermal movement at work. Seal joints for leak-proof installation.
   1. Seams: Provide uniform, neat seams.
   2. Fasteners: Conceal fasteners where possible in exposed work. Cover and seal fasteners and anchors for watertight and leak-proof installation.
   3. Sealant-Type Joints: Provide sealant-type joint where indicated. Form joints to conceal sealant. Comply with Division 7 Joint Sealants Section for Sealant installation.

B. Install perimeter trim with fasteners, continuous cleats, and sealant as necessary to obtain the wind uplift resistance and water resistance that are specified for the roof system.

3.5 FIELD QUALITY REQUIREMENTS

A. Site Tests (Post Installation Testing): Owner reserves right to perform post installation testing of installed sheet Metal roofing.

B. Manufacturer's Field Services: Upon Owner's request, provide manufacturer's field service consisting of product use recommendations and periodic site visit for inspection of product installation in accordance with manufacturer's instructions.

3.6 CLEANING

A. Remove temporary coverings and protection of adjacent work areas. Repair or replace damaged installed products. Clean installed products in accordance with manufacturer's instructions prior to owner's acceptance. Remove construction debris from project site and legally dispose of debris.

3.7 PROTECTION

A. Protect installed product from damage during construction.

B. Replace roof panels with damaged finish. Site repair of scratches in paint finish is not acceptable.

END OF SECTION

SECTION 26 35 13

CAPACITORS LOW VOLTAGE

PART 1: GENERAL

1.01 RELATED WORK SPECIFIED ELSEWHERE

A. General Provisions: Section 26 05 01

B. Low Voltage Electrical Power Conductors and Cables: Section 26 05 19

C. Panelboard: Section 26 24 16

D. Low voltage Circuit Protective Devices: Section 26 28 00

E. Low Voltage Controllers: Section 26 29 00

1.02 GENERAL

All motors (7-1/2 HP and larger) shall be equipped with individual capacitor located at motor controller unless otherwise noted or indicated. Multi-motor machines shall have capacitor for every motor 7-1/2 HP or larger.

Provide capacitors for elevators and exhaust fans.

PART 2: PRODUCTS

Capacitor usage shall be as listed below or as recommended by motor manufacturer (See Item 3.05 F).

	CAPACITOR RATING			
MOTOR - HP	KVAR	VOLT	HERTZ	PHASE
7.5	2.0	460	60	3
10.0	3.0	460	60	3
15.0	4.0	460	60	3
25.0	5.0	460	60	3
30.0	5.0	460	60	3
40.0	7.5	460	60	3
50.0	10.0	460	60	3
60.0	15.0	460	60	3
75.0	15.0	460	60	3
100.0	20.0	460	60	3

PART 3: EXECUTION

3.01 INSTALLATION

A. Capacitors shall be mounted below motor starter and so connected that motor and capacitor shall be switched as unit. More specifically, capacitors shall be connected between overload relay and contactor.

B. Each capacitor shall have built-in properly designed discharge resistor, to protect personnel who operate and service the equipment. Discharge time as per NEC.

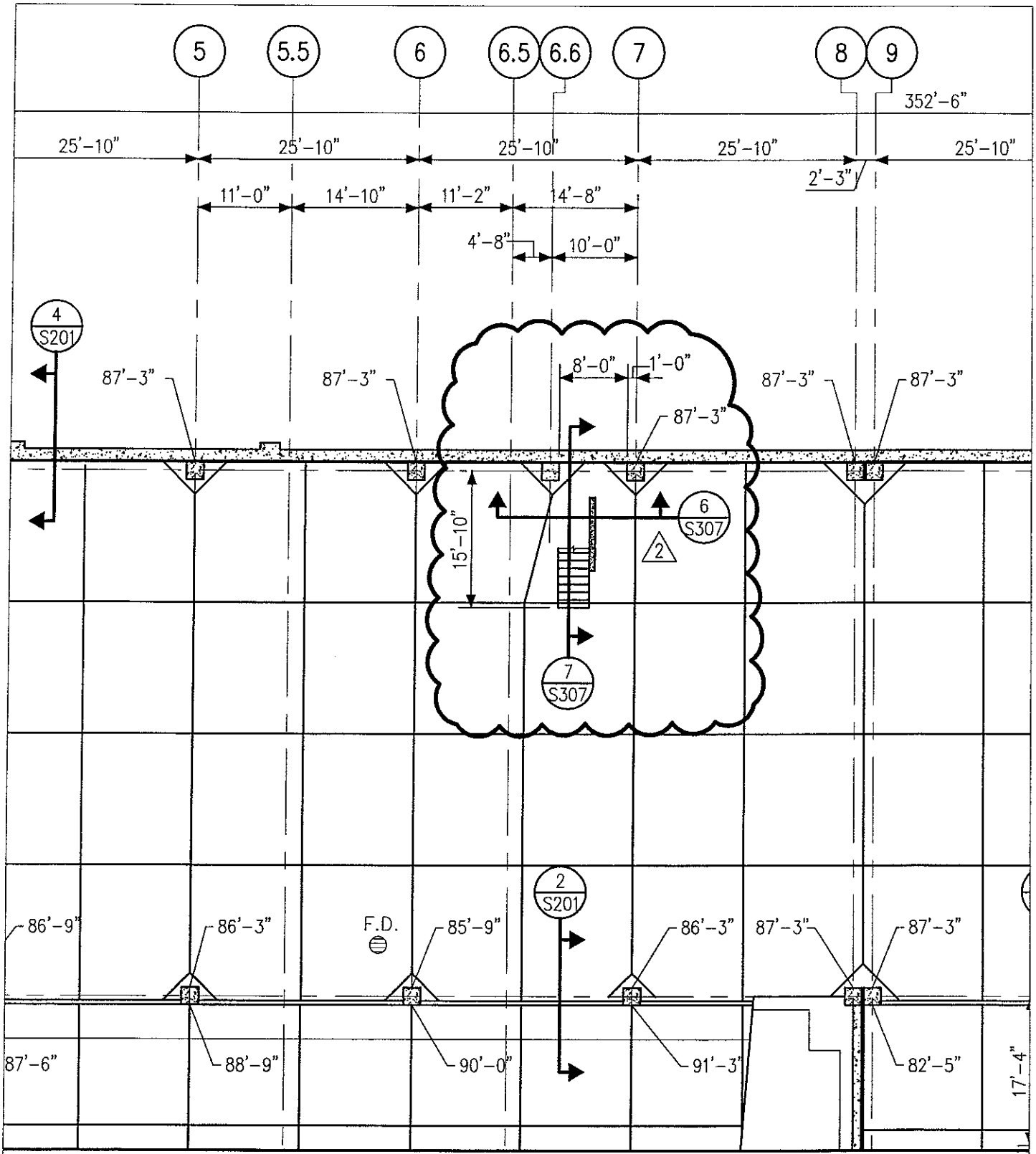
C. 10 KVAR through 25 KVAR capacitors shall also include proper fuse holders and fuses within capacitor enclosure.

D. Contractor furnishing starter shall provide correct size of motor overload relays to suit actual motor current due to effect of capacitors for each motor.

E. Electrical Contractor shall also provide proper size capacitor for use with elevator motor starters. Sizing shall be carefully coordinated with elevator manufacturer.

F. The list of capacitor sizes and motor sizes are for bidding purposes only. The proper size capacitor as recommended by motor manufacturer shall be coordinated and provided to insure proper installation and operation.

END OF SECTION



Eddy Street Commons
Phase II
Parking Garage
Project Number 108-004

City of South Bend, Indiana

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Walker Parking Consultants

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The Troyer Group

Addendum No. 3
02-14-08

Reference Drawing: S101

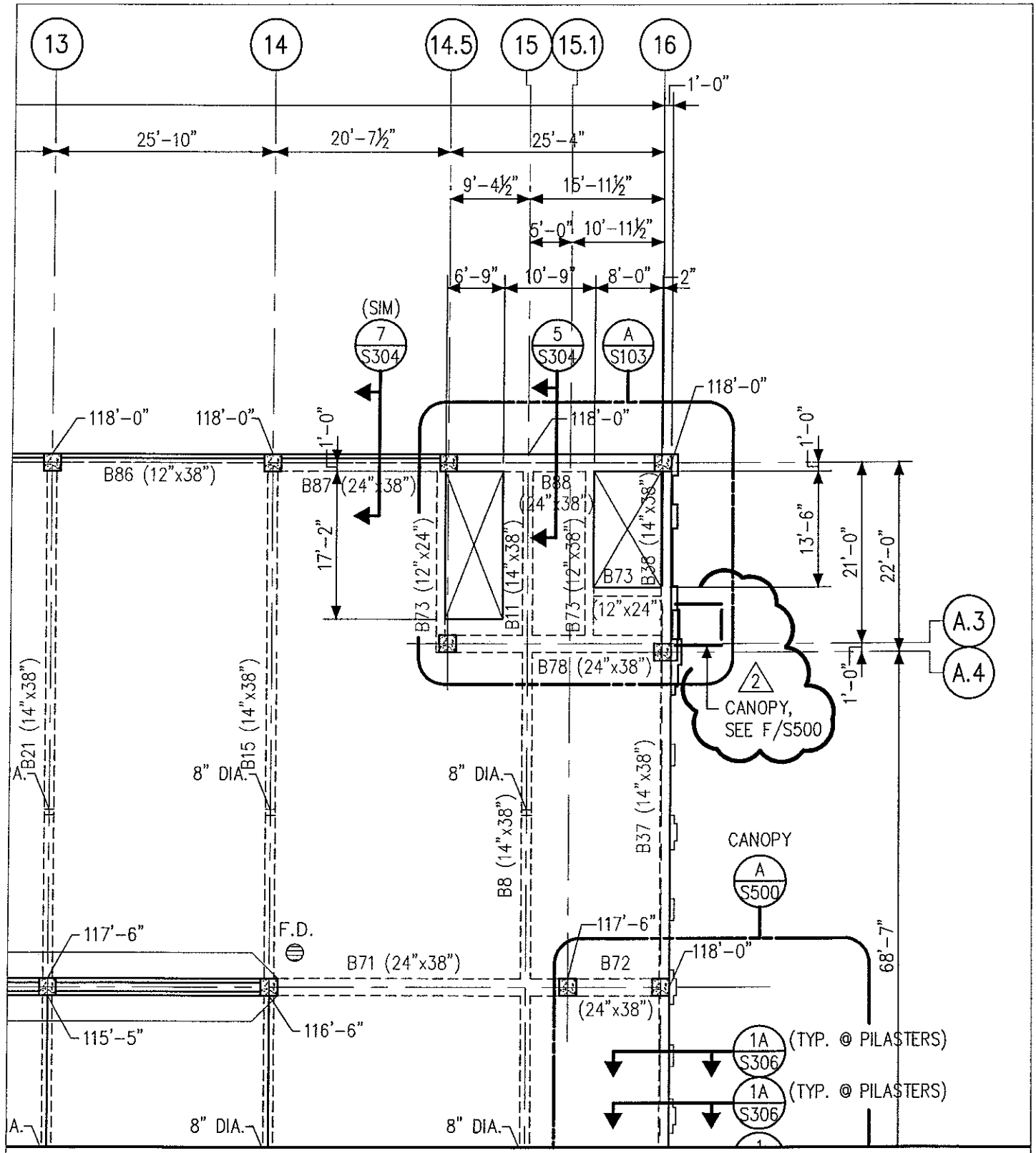
Revision Number: 2

Drawn by: SVC Checked by: JMP

Project No.: 108-004 Scale: 1/16"=1'-0"

Drawing No.:

S-SK001



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Addendum No. 3
02-14-08

Reference Drawing: S103

Revision Number: 2

Drawn by: SVC Checked by: JMP

Project No.: 108-004 Scale: 1/16"=1'-0"

Drawing No.:

S-SK002

B55	3	14	38	425	-	18	35	2 2	9 7	E F		2 4	6 9	B C		#4	B		
B56	3	14	38	525	28.5	4.5	35	2 2	9 9	E D		2 4	6 9	B A		#4	A	102", 404", 406", 5012" BAL. @ 12" EACH END	
B57	2	14	38	610	28.5	4.5	35	2 2 2	7 9 7	D E F		4 2 4	9 6 9	A B C		#4	A	102", 404", 406", 5012" BAL. @ 12" EACH END	
B58	2	14	38	610	28.5	4.5	35	2 2	9 7	E D		2 4	6 9	B A		#4	A	102", 404", 406", 5012" BAL. @ 12" EACH END	
B59	1	14	38	650	26	4.5	26	2 4 2	7 9 7	D E F		4 2 4	9 6 9	A B C		#4	A	102", 404", 406", 1006" BAL. @ 12" EACH END	
B60	1	14	38	630	26	4.5	26	2 4 2	7 9 7	E D		4 2 4	9 6 9	A B C		#4	A	102", 404", 406", 1006" BAL. @ 12" EACH END	
B61																			
B62																			
B63	2	14	38	285	24.5	4.5	35	2 2 2	7 9 7	D E F		4 2 4	9 6 9	A B C		#4	B	102", 404", 406", 5012" BAL. @ 18" EACH END	
B64	2	14	38	285	24.5	4.5	35	2 2	9 7	E F		2 4	6 9	B A		#4	B	102", 404", 406", 5012" BAL. @ 18" EACH END	
B65	1	14	38	315	24.5	4.5	24.5	2 2 2	7 9 7	D E F		4 2 4	9 6 9	A B C		#4	B	102", 404", 406", 5012" BAL. @ 18" EACH END	
B66	1	14	38	370	24.5	4.5	24.5	2 2 2	7 9 7	D E F		4 2 4	9 6 9	A B C		#4	B	102", 404", 406", 5012" BAL. @ 18" EACH END	
B67	3	14	38	445	-	19	35	2 2	9 7	E F		2 4	6 9	B C		#4	A	102", 404", 406", 5012" BAL. @ 18" EACH END	2
B68	3	14	38	445	-	4.5	35	2 2	9 7	E F		2 4	6 9	B A		#4	A	102", 404", 406", 5012" BAL. @ 18" EACH END	2
B69	2	24	38	425	26	6	35	4 4 4	7 9 7	D E F		4 4 4	9 6 9	A B C		#4	A	102", 404", 406", 5012" BAL. @ 18" EACH END	2
B70	2	24	38	425	-	6	26	4 4	9 7	E F		4 4	6 9	B A		#4	A	102", 404", 406", 5012" BAL. @ 18" EACH END	2
B71	2	24	38	375	26	6	35	4 4 4	7 9 7	D E F		4 4 4	9 6 9	A B C		#4	A	102", 404", 406", 5012" BAL. @ 18" EACH END	2
B72	2	24	38	375	-	6	26	4 4	9 7	E F		4 4	6 9	B C		#4	A	102", 404", 406", 5012" BAL. @ 18" EACH END	2

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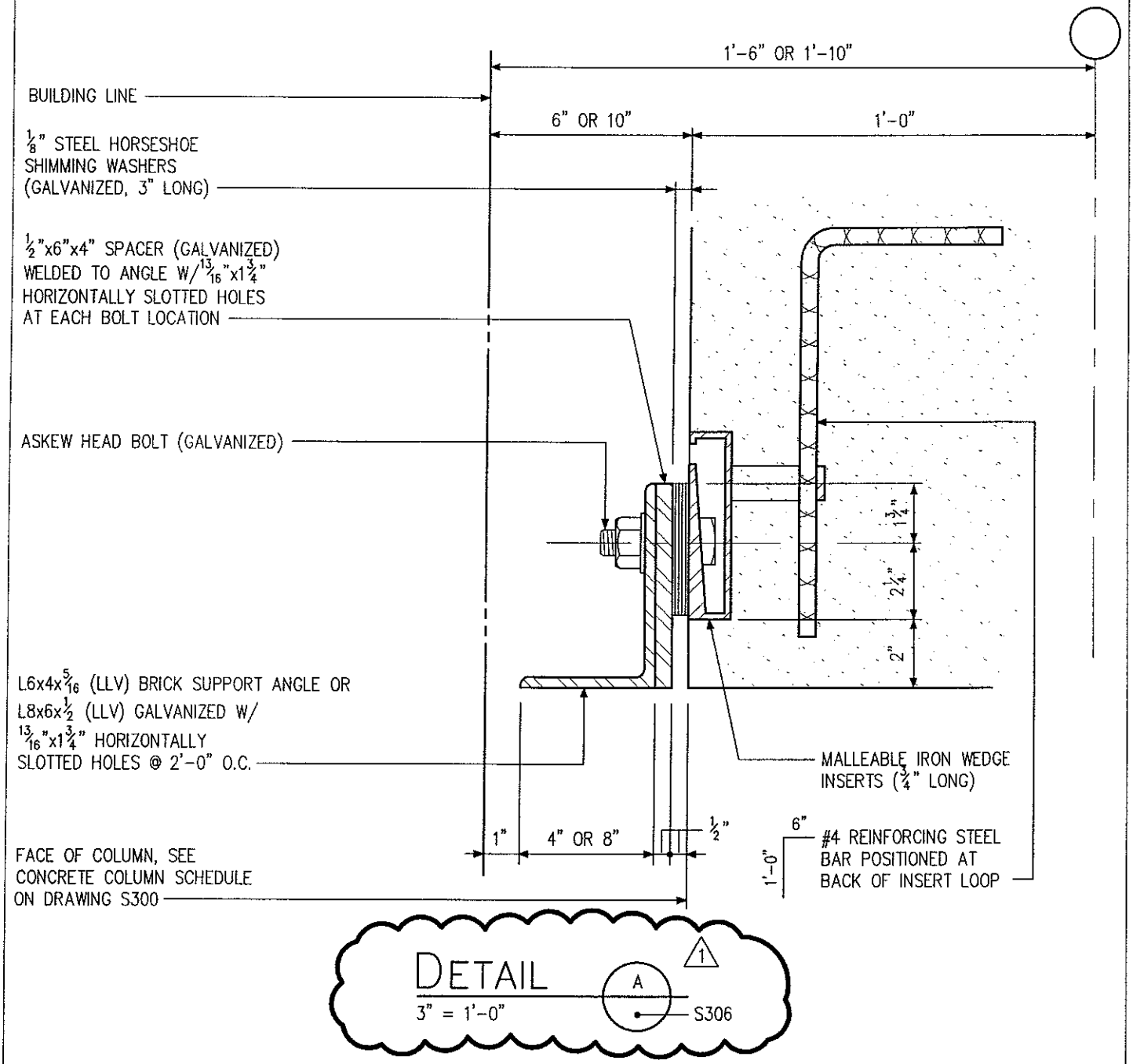
Addendum No. 3
02-14-08

Reference Drawing: S301
Revision Number: 2
Drawn by: SVC Checked by: JMP
Project No.: 108-004 Scale: NONE
Drawing No.:
S-SK003



NOTES:

1. SEE ARCHITECTURAL DRAWINGS FOR DIFFERENT BUILDING LINE DIMENSION LOCATIONS.

Eddy Street Commons
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Addendum No. 3
02-14-08

Reference Drawing: S306

Revision Number: 1

Drawn by: SVC Checked by: JMP

Project No.: 108-004 Scale: NONE

Drawing No.:

S-SK004

CMU VERTICAL REINFORCING SCHEDULE

FLOOR SPAN	DOWELS	VERTICALS	NOTES
BASEMENT–1	#5 @ 48" O.C.	#4 @ 48" O.C.	SEE SECTION 1/S304 FOR DOWELS LENGTH
1–2	#6 @ 8" O.C.	#5 @ 24" O.C.	
2–3	#6 @ 8" O.C.	#5 @ 48" O.C.	
3–4	#6 @ 8" O.C.	#5 @ 48" O.C.	
4	#6 @ 8" O.C.	#4 @ 24" O.C.	

NOTES:

1. SEE SECTIONS FOR ANY ADDITIONAL REINFORCING REQUIRED.

△1

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Addendum No. 3
02-14-08

Reference Drawing: S400

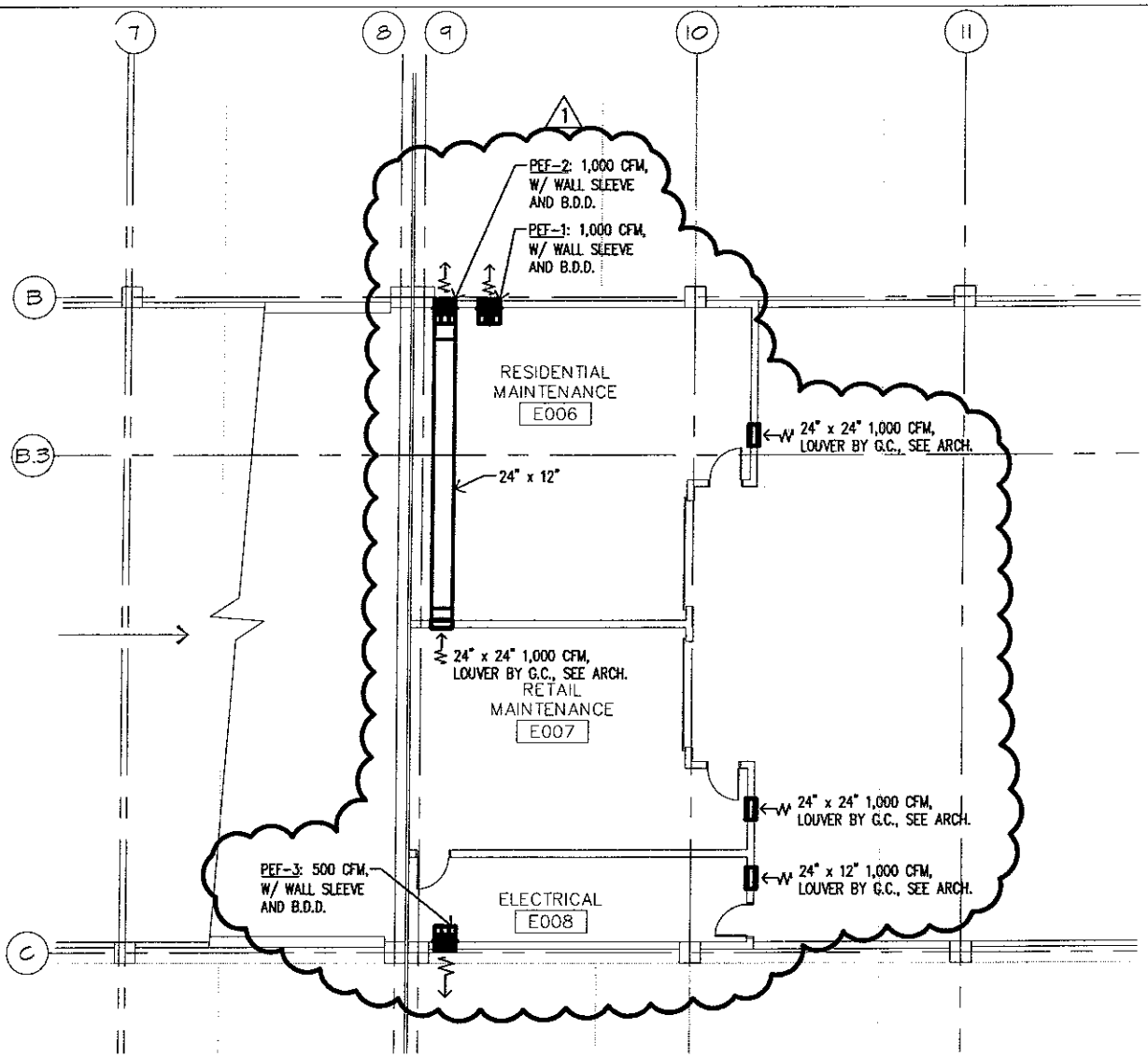
Revision Number: 1

Drawn by: SVC Checked by: JMP

Project No.: 108-004 Scale: NONE

Drawing No.:

S-SK005



FLOOR PLAN -

BASEMENT LEVEL - HVAC

SCALE: 1/16" = 1'-0"

Eddy Street Commons
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Addendum No. 3
02-14-08

Reference Drawing: H201

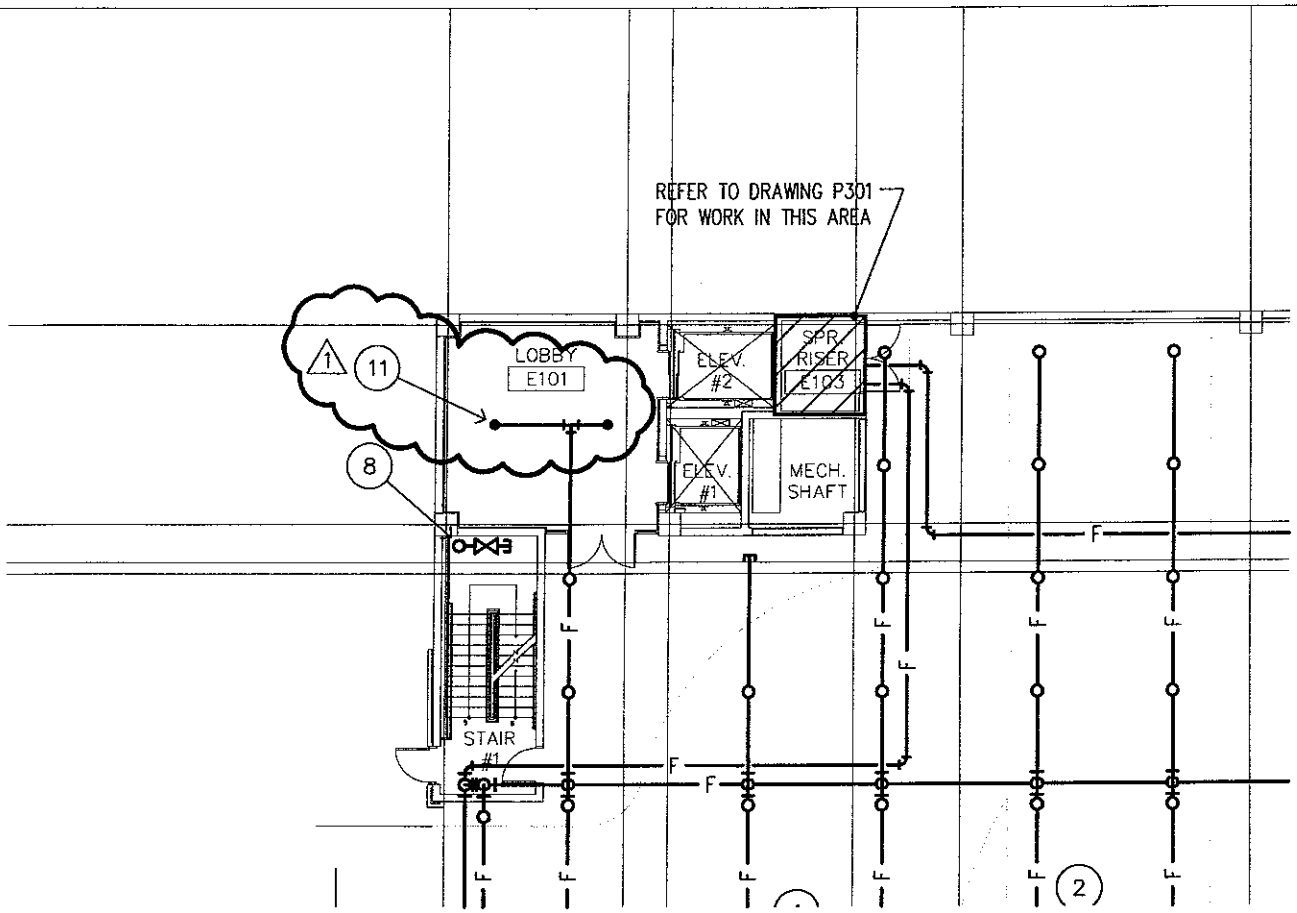
Revision Number: 1

Drawn by: KFY | Checked by: JLW

Project No.: 108-004 | Scale: 1/16" = 1'-0"

Drawing No.:

H-SK001



FLOOR PLAN - GROUND LEVEL -

FINISHED FLOOR ELEVATION 742.00' (1)

PLUMBING AND FIRE PROTECTION

SCALE: 1/16" = 1'-0"

PLAN NOTES:

(10) 4" DRY STANDPIPE UP.

(1) (11) RECESSED PENDANT SPRINKLER HEADS IN ELEVATOR LOBBY (TYPICAL).

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Addendum No. 3
02-14-08

Reference Drawing: P203

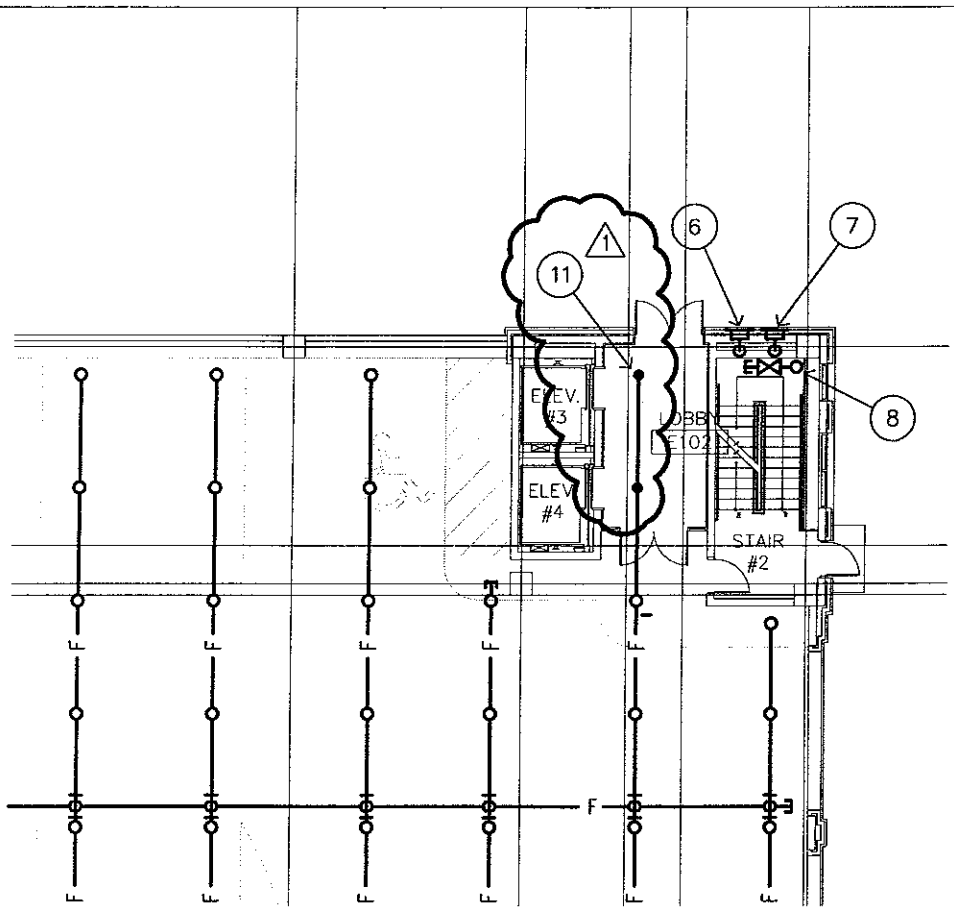
Revision Number: 1

Drawn by: REM Checked by: GAC

Project No.: 108-004 Scale: 1/16" = 1'-0"

Drawing No.:

P-SK004



FLOOR PLAN - GROUND LEVEL -

FINISHED FLOOR ELEVATION 742.00' (1)

PLUMBING AND FIRE PROTECTION

SCALE: 1/16" = 1'-0"

PLAN NOTES:

(10) 4" DRY STANDPIPE UP.

(1) (11) RECESSED PENDANT SPRINKLER HEADS IN ELEVATOR LOBBY (TYPICAL).

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Addendum No. 3
02-14-08

Reference Drawing: P203

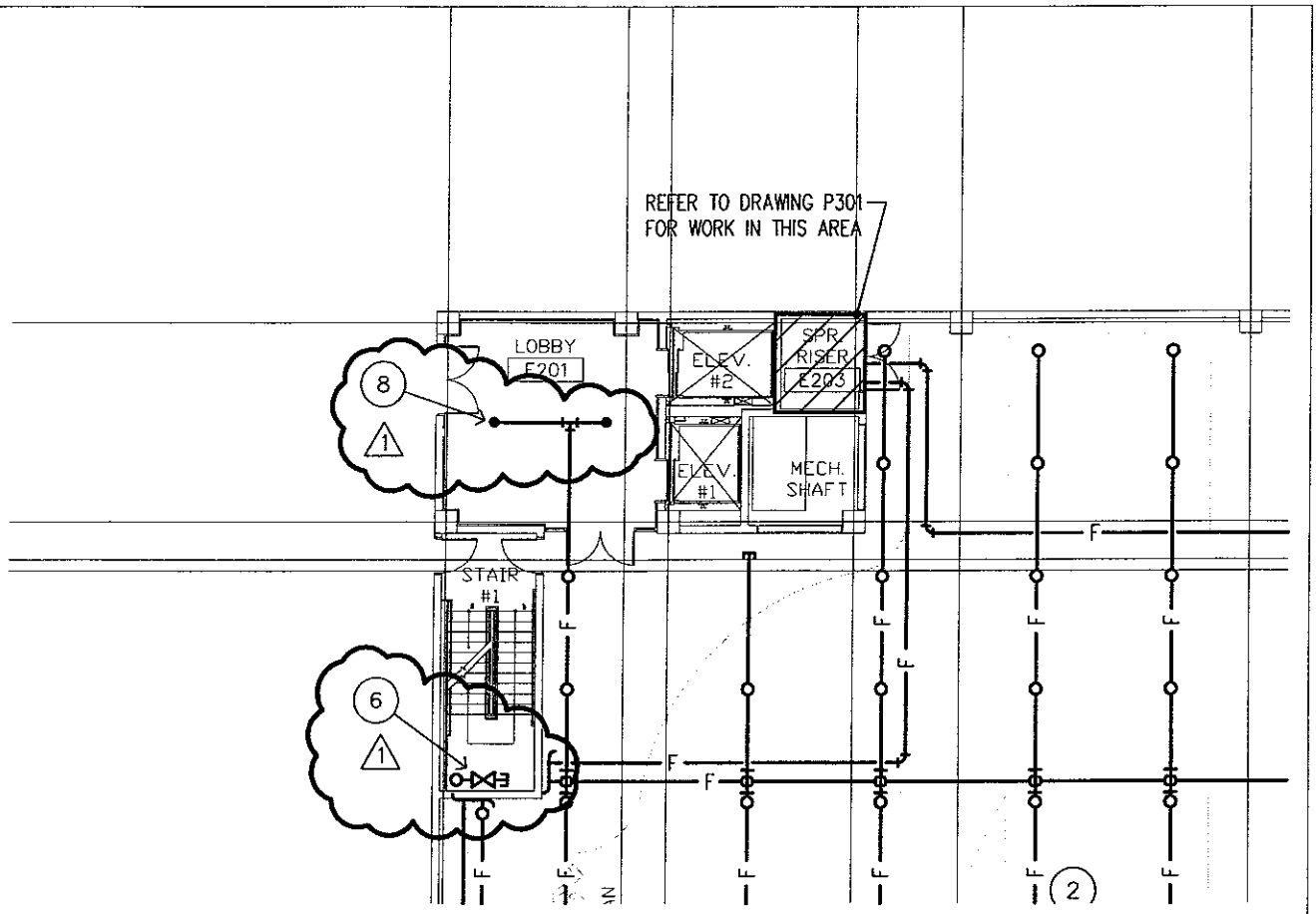
Revision Number: 1

Drawn by: REM | Checked by: GAC

Project No.: 108-004 | Scale: 1/16" = 1'-0"

Drawing No.:

P-SK005



FLOOR PLAN - SECOND LEVEL - PLUMBING AND FIRE PROTECTION

SCALE: 1/16" = 1'-0"

PLAN NOTES:

7 4" WASTE DOWN. 2" VENT UP.

1 8 RECESSED PENDANT SPRINKLER HEADS IN ELEVATOR LOBBY (TYPICAL).

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Addendum No. 3
02-14-08

Reference Drawing: P204

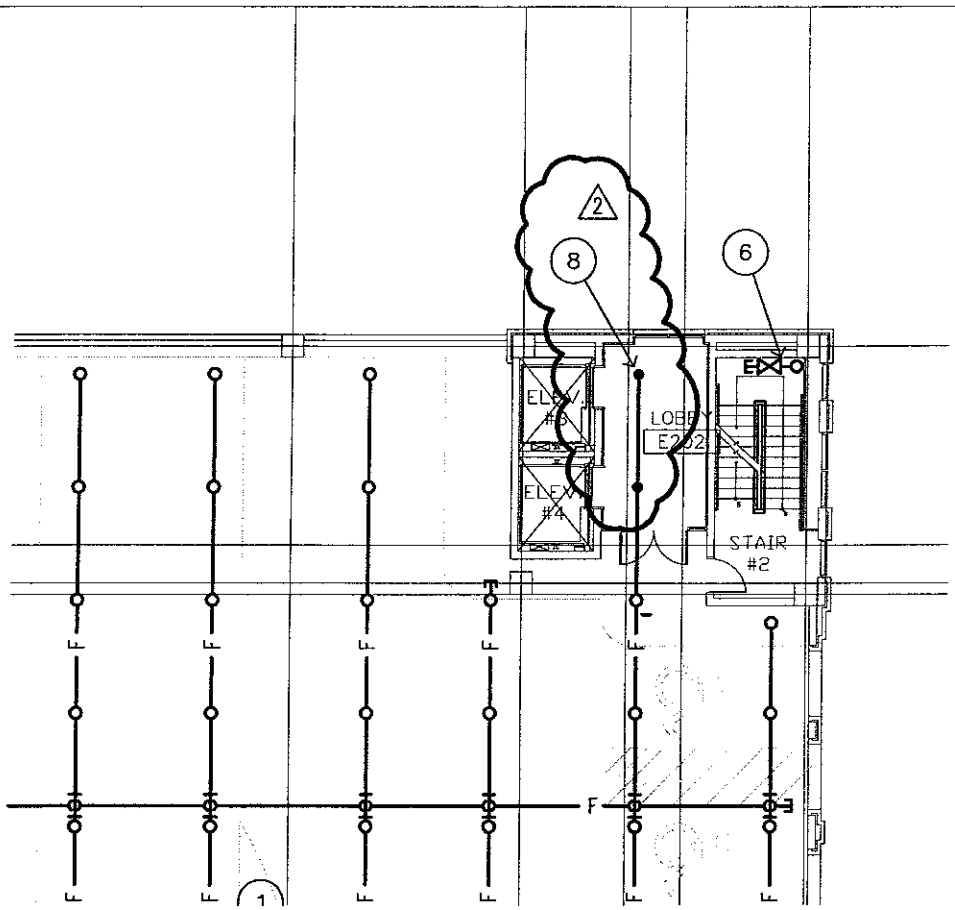
Revision Number: 1

Drawn by: REM Checked by: GAC

Project No.: 108-004 Scale: 1/16" = 1'-0"

Drawing No.:

P-SK006



FLOOR PLAN - SECOND LEVEL - PLUMBING AND FIRE PROTECTION

SCALE: 1/16" = 1'-0"

PLAN NOTES:

(7) 4" WASTE DOWN. 2" VENT UP.

1 (8) RECESSED PENDANT SPRINKLER HEADS IN ELEVATOR LOBBY (TYPICAL).

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Addendum No. 3
02-14-08

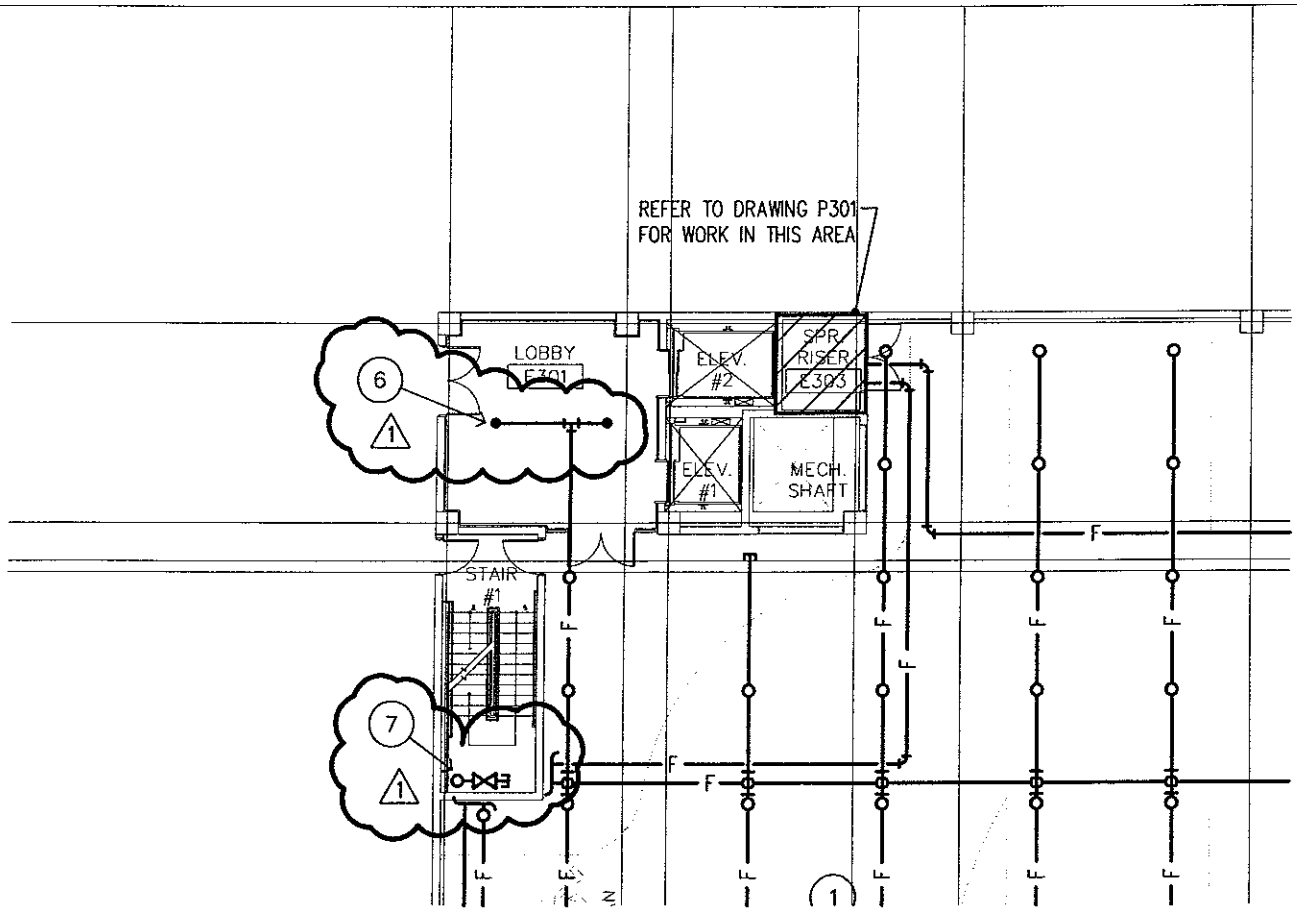
Reference Drawing: P204

Revision Number: 1

Drawn by: REM | Checked by: GAC

Project No.: 108-004 | Scale: 1/16" = 1'-0"

Drawing No.:
P-SK007



FLOOR PLAN - THIRD LEVEL - PLUMBING AND FIRE PROTECTION

SCALE: 1/16" = 1'-0"

PLAN NOTES:

1/1 6 RECESSED PENDANT SPRINKLER HEADS IN ELEVATOR LOBBY (TYPICAL).

1/1 7 4" DRY STANDPIPE WITH 2 1/2" ANGLE VALVE, CAP AND CHAIN AT 42" ABOVE LANDING.

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Addendum No. 3
02-14-08

Reference Drawing: P205

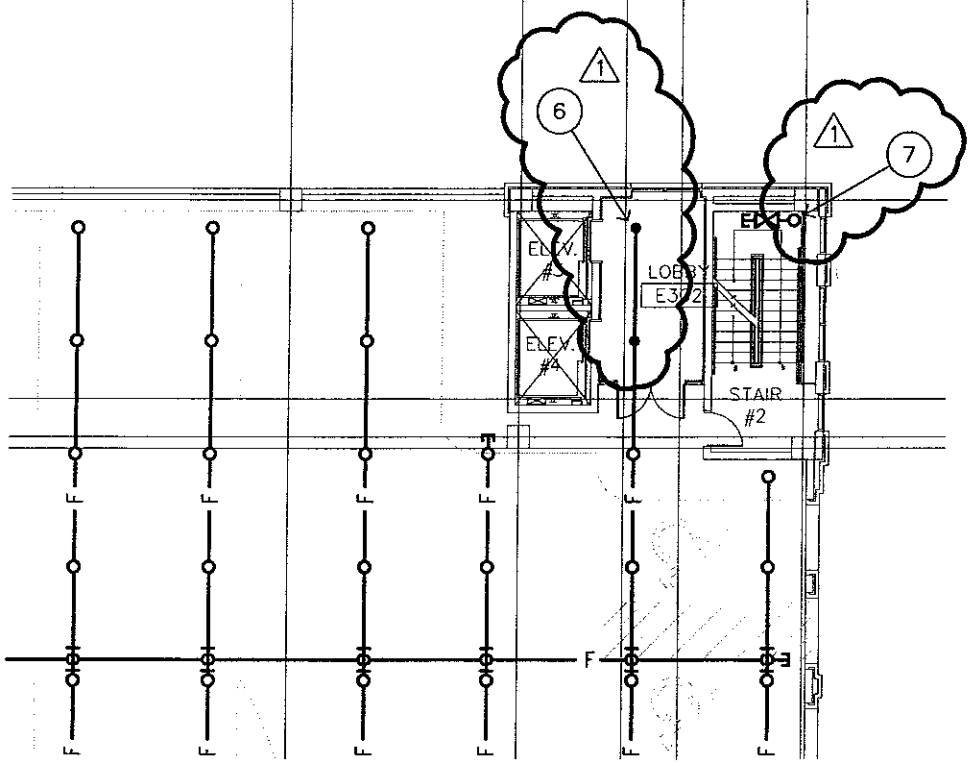
Revision Number: 1

Drawn by: REM Checked by: GAC

Project No.: 108-004 Scale: 1/16" = 1'-0"

Drawing No.:

P-SK008



FLOOR PLAN - THIRD LEVEL - PLUMBING AND FIRE PROTECTION

SCALE: 1/16" = 1'-0"

PLAN NOTES:

1. 2 VENT FROM BELOW
1. 6 RECESSED PENDANT SPRINKLER HEADS IN ELEVATOR LOBBY (TYPICAL).
1. 7 4" DRY STANDPIPE WITH 2 1/2" ANGLE VALVE, CAP AND CHAIN AT 42" ABOVE LANDING.

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Addendum No. 3
02-14-08

Reference Drawing: P205

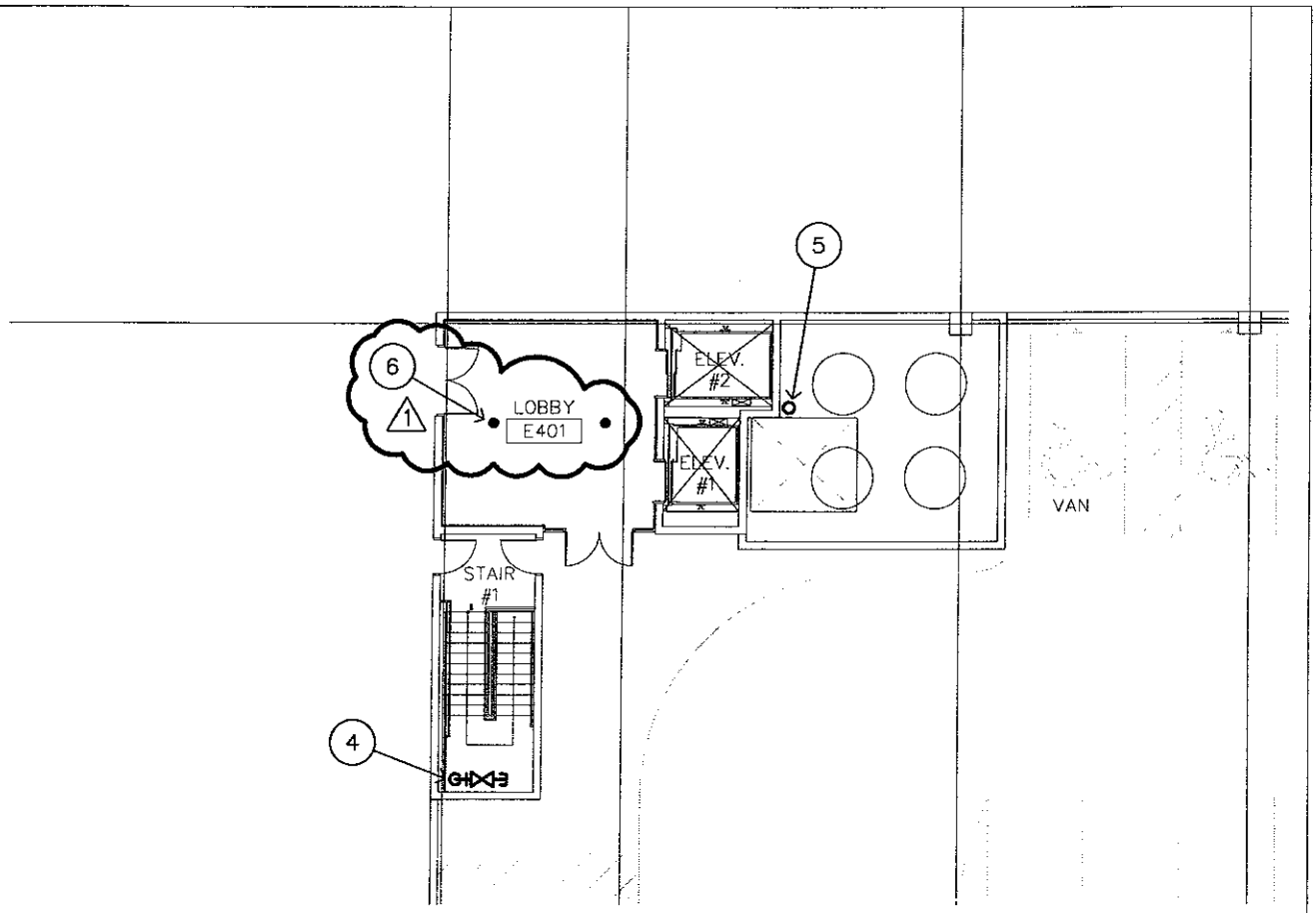
Revision Number: 1

Drawn by: REM | Checked by: GAC

Project No.: 108-004 | Scale: 1/16" = 1'-0"

Drawing No.:

P-SK009



FLOOR PLAN - FOURTH LEVEL - PLUMBING AND FIRE PROTECTION

SCALE: 1/16" = 1'-0"

PLAN NOTES:

1. FAN ENCLOSURE AND TERMINATE 12" ABOVE PARAPET.
6. RECESSED PENDANT SPRINKLER HEADS IN ELEVATOR LOBBY (TYPICAL).

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Addendum No. 3
02-14-08

Reference Drawing: P206

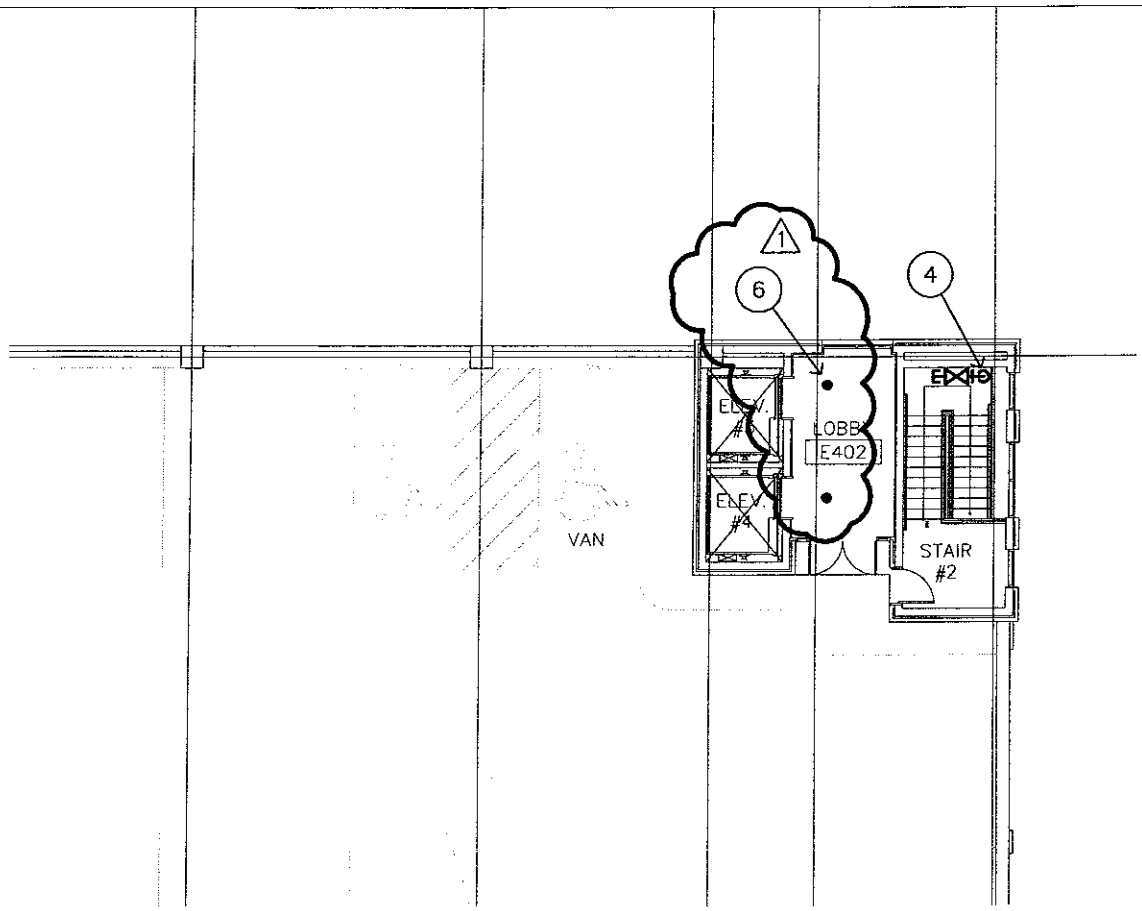
Revision Number: 1

Drawn by: REM Checked by: GAC

Project No.: 108-004 Scale: 1/16" = 1'-0"

Drawing No.:

P-SK010



FLOOR PLAN - FOURTH LEVEL - PLUMBING AND FIRE PROTECTION

SCALE: 1/16" = 1'-0"

PLAN NOTES:

1. FAN ENCLOSURE AND TERMINATE 12" ABOVE PARAPET.
1 6 RECESSED PENDANT SPRINKLER HEADS IN ELEVATOR LOBBY (TYPICAL).

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Addendum No. 3
02-14-08

Reference Drawing: P206

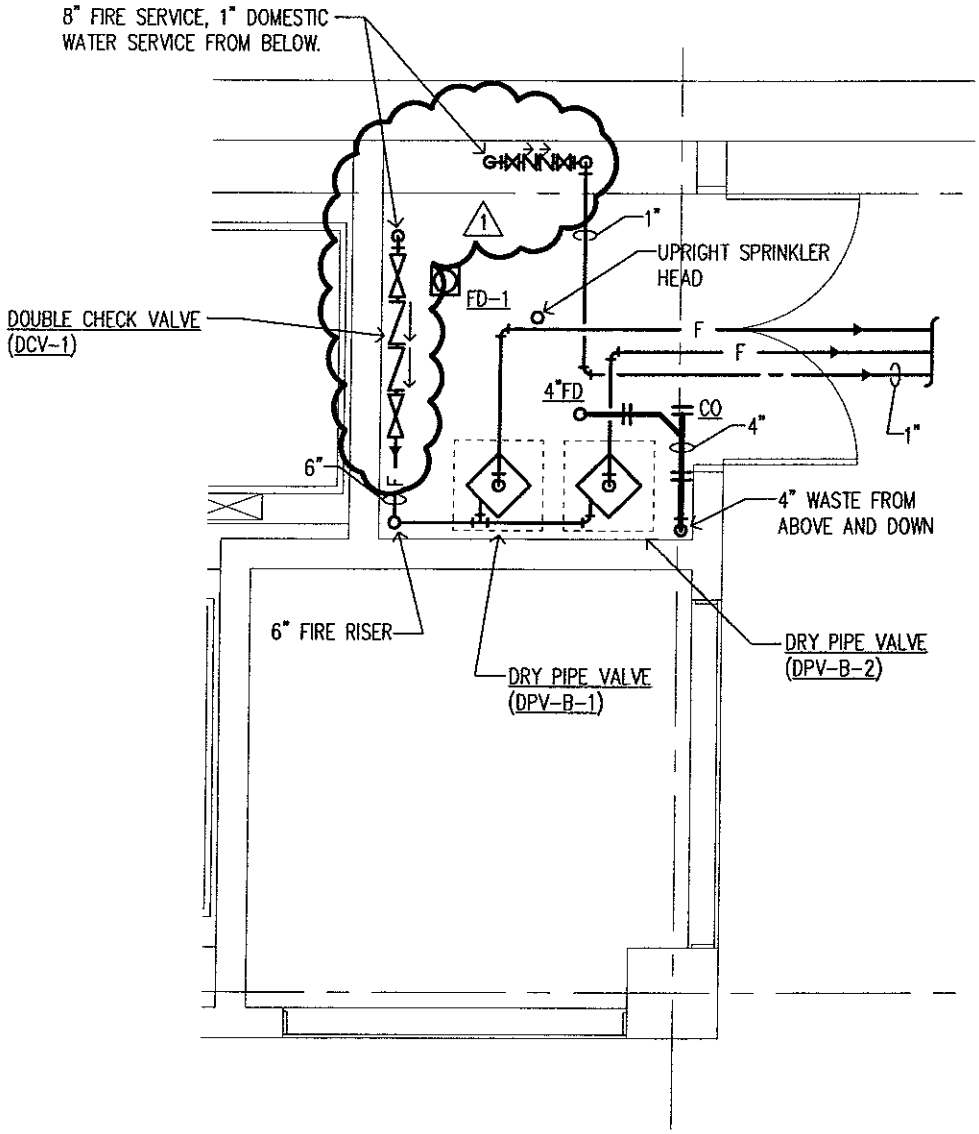
Revision Number: 1

Drawn by: REM Checked by: GAC

Project No.: 108-004 Scale: 1/16" = 1'-0"

Drawing No.:

P-SK011



ENLARGED
BASEMENT SPRINKLER ROOM

SCALE: 1/4" = 1'-0"

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Addendum No. 3
02-14-08

Reference Drawing: P301

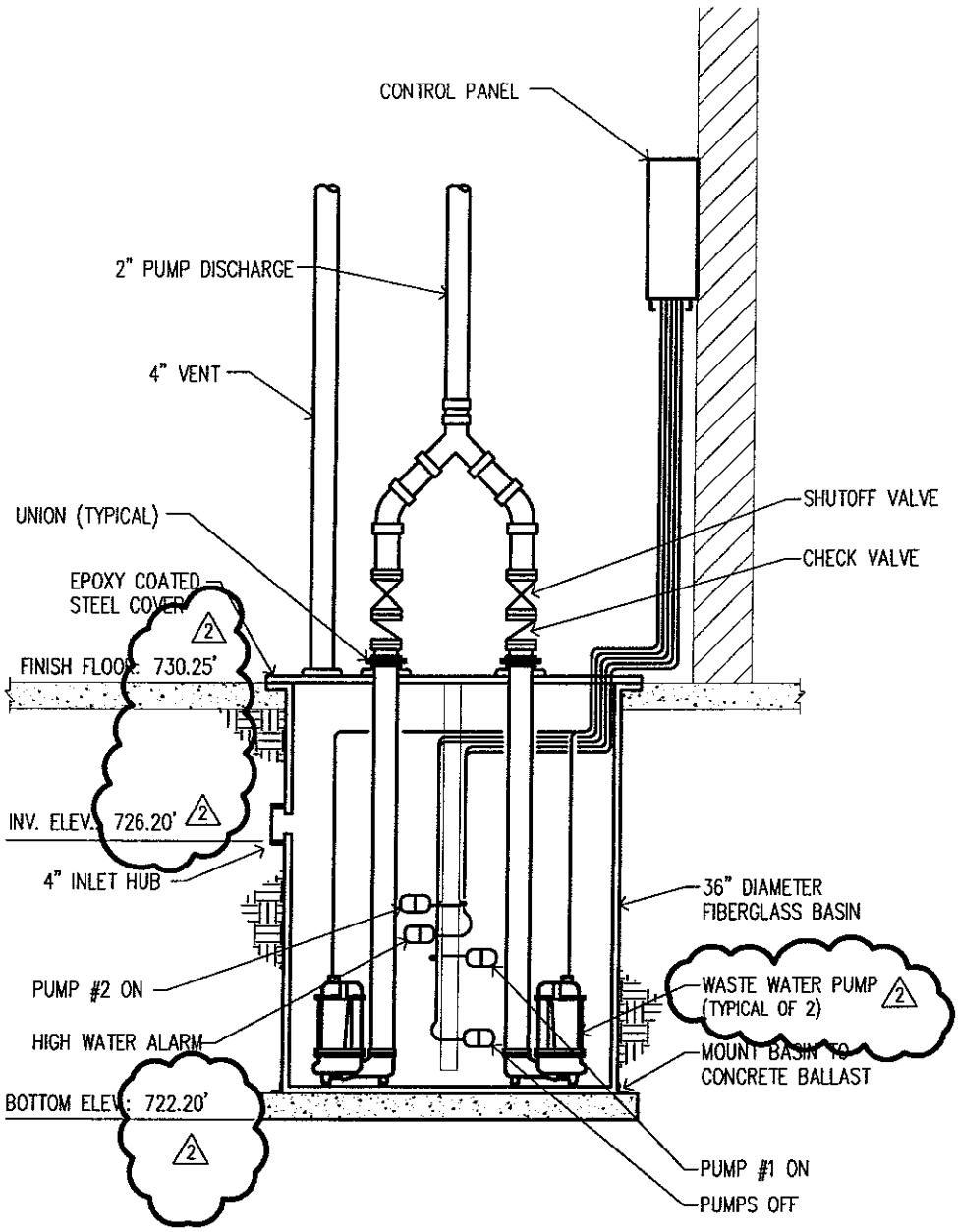
Revision Number: 1

Drawn by: REM Checked by: GAC

Project No.: 108-004 Scale: NTS

Drawing No.:

P-SK012



2 WASTE WATER PUMP DETAIL E 1

NO SCALE

Eddy Street Commons Phase II Parking Garage Project Number 108-004 City of South Bend, Indiana	Construction Manager Kite Realty Group Structural Engineer Fink, Roberts & Petrie, Inc. Architect Looney Ricks Kiss	Mechanical, Electrical & Plumbing Engineer Circle Design Group Parking Consultant Walker Parking Consultants Civil Engineer/Landscape Architect The Troyer Group	Addendum No. 3 02-14-08 Reference Drawing: P501 Revision Number: 2 Drawn by: REM Checked by: GAC Project No.: 108-004 Scale: NTS Drawing No.: P-SK013

DRAINAGE FITTING SCHEDULE

ITEM	MAKE/MODEL	DESCRIPTION	LOCATION
FD-1	ZURN #Z550	CAST IRON BODY, FLASHING COLLAR, CAST IRON ROUND GRATE, SEDIMENT BUCKET, NO-HUB BOTTOM OUTLET, DEEP SEAL 'P'-TRAP	MECHANICAL ROOM
FD-2	ZURN #Z535 △2	HEAVY DUTY ACID RESISTANT EPOXY COATED ALUMINUM BODY, SQUARE HEAVY DUTY ANTI-TILT HINGED SLOTTED GRATE WITH STAINLESS STEEL HINGE PINS, SEDIMENT BUCKET, DEEP SEAL 'P'-TRAP	PARKING GARAGE (BASEMENT)
AD-1	ZURN #Z535	HEAVY DUTY ACID RESISTANT EPOXY COATED ALUMINUM BODY, SQUARE HEAVY DUTY ANTI-TILT HINGED SLOTTED GRATE WITH STAINLESS STEEL HINGE PINS, SEDIMENT BUCKET	PARKING GARAGE

FIRE PROTECTION EQUIPMENT SCHEDULE

ITEM	MANUFACTURER MODEL NUMBER	DESCRIPTION	CAPACITY	ELECTRICAL REQUIREMENTS	REMARKS
DOUBLE CHECK VALVE ASSEMBLY (DCV-1)	AMES COMPANY MODEL 2000SS	TWO INDEPENDENTLY OPERATED, SPRING LOADED, CAM-CHECK VALVES	225 GPM AT 3 PSI PRESSURE DROP		

△1 PLUMBING EQUIPMENT SCHEDULE

ITEM	MAKE & MODEL NUMBER (OR APPROVED EQUAL)	DESCRIPTION	CAPACITY	ELECTRICAL CHARACTERISTICS	NOTES
OIL SEPARATOR OS-1	ROCKFORD OST5636	EPOXY COATED 1/4" STEEL SEPARATOR	100 GALLON INTERMITTENT FLOW W/ 150 GALLON STATIC HOLDING CAP. 100 GALLON INTERNAL OIL STORAGE	- -	WITH 41" INTEGRAL EXTENSION
△2 WASTE WATER PUMP (WWP-1 AND WWP-2)	WEIL #1418-2"	DUPLEX WASTE WATER PUMP, 2" DISCHARGE, CONTROL PANEL, FLOAT ASSEMBLY AND QUICK REMOVAL RAIL SYSTEM	60 GPM AT 30' TDH (EACH)	1 HP, 1750 RPM 208 V, THREE PHASE	CONTROL PANEL LOCATED IN RESIDENTIAL MAINTENANCE E006

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Addendum No. 3
02-14-08

Reference Drawing: P501

Revision Number: △2

Drawn by: REM Checked by: GAC

Project No.: 108-004 Scale: NTS

Drawing No.:
P-SK014

ELECTRICAL SYMBOL SCHEDULE

MOUNTING			DESCRIPTION
CEIL.	WALL	FL.	
			208/240V OUTLET (SIZE AS NOTED)
			208/240V OUTLET (SIZE AS NOTED)
			EXPLOSION PROOF CONVENIENCE OUTLET
			SPECIAL OUTLET (AS NOTED)
			ABOVE COUNTER VOICE/DATA OUTLET (+44")
			VOICE/DATA OUTLET
	DH		FIRE ALARM MAGNETIC DOOR HOLDER
1			
			FIRE ALARM BELL/STROBE COMBINATION

MOUNTING			DESCRIPTION
CEIL.	WALL	FL.	
	B		BELL
1	CR		CARD READER (+48" AFF)
1	E		EMERGENCY TELEPHONE (+48" AFF)
1			SECURITY DOOR ALARM CONTACT

Eddy Street Commons
Phase II
Parking Garage
Project Number 108-004

City of South Bend, Indiana

Construction Manager
Kite Realty Group

Structural Engineer
Fink, Roberts & Petrie, Inc.

Architect
Looney Ricks Kiss

Mechanical, Electrical & Plumbing Engineer
Circle Design Group

Parking Consultant
Walker Parking Consultants

Civil Engineer/Landscape Architect
The Troyer Group

Addendum No. 3
02-14-08

Reference Drawing: E001

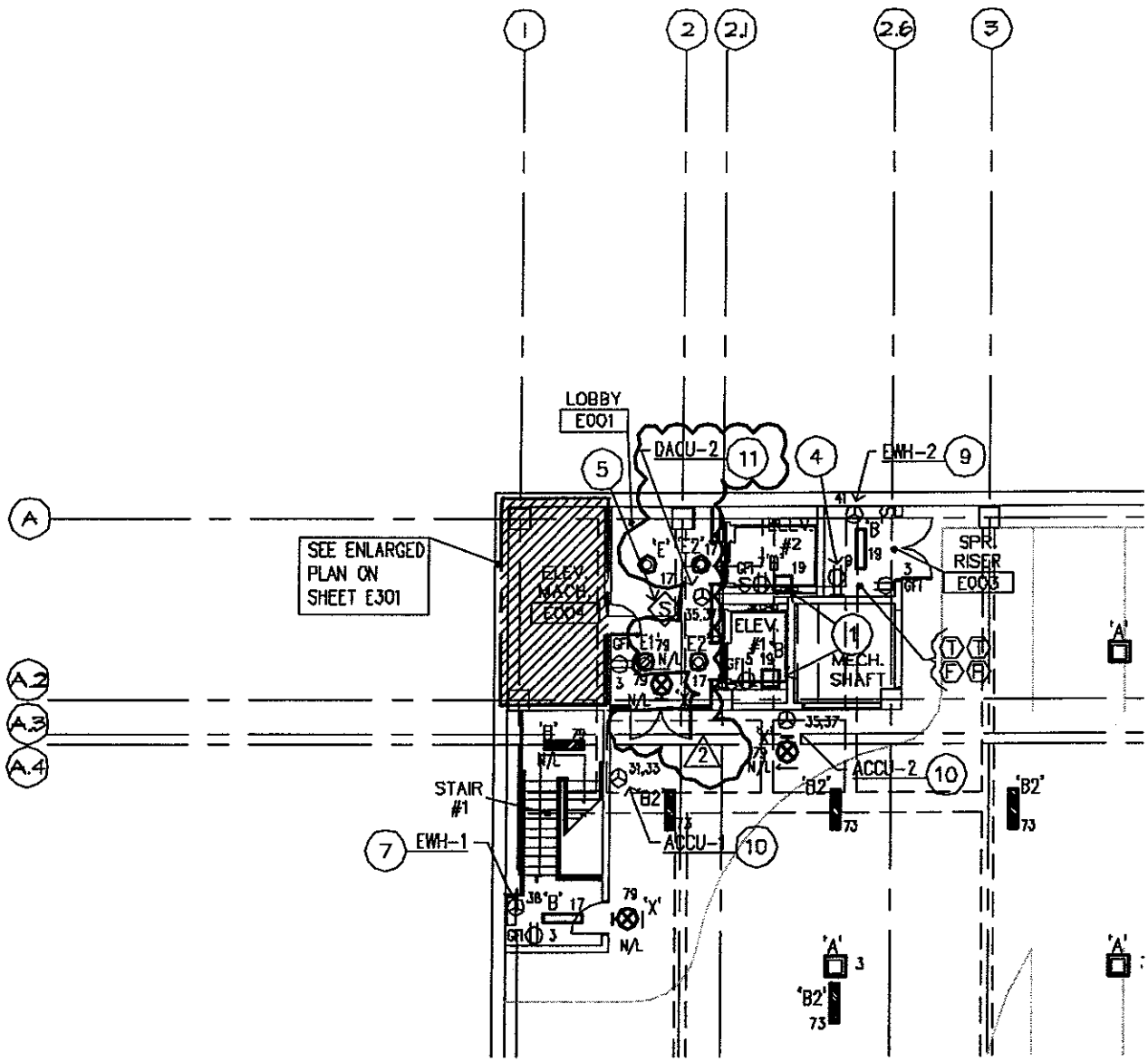
Revision Number: 1

Drawn by: APO Checked by: JLW

Project No.: 108-004 Scale: 1/16" = 1'-0"

Drawing No.:

E-SK002



FLOOR PLAN - BASEMENT LEVEL - ELECTRICAL

SCALE: 1/16" = 1'-0"

Eddy Street Commons
Phase II
Parking Garage
Project Number 108-004

City of South Bend, Indiana

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Addendum No. 3
02-14-08

Reference Drawing: E101

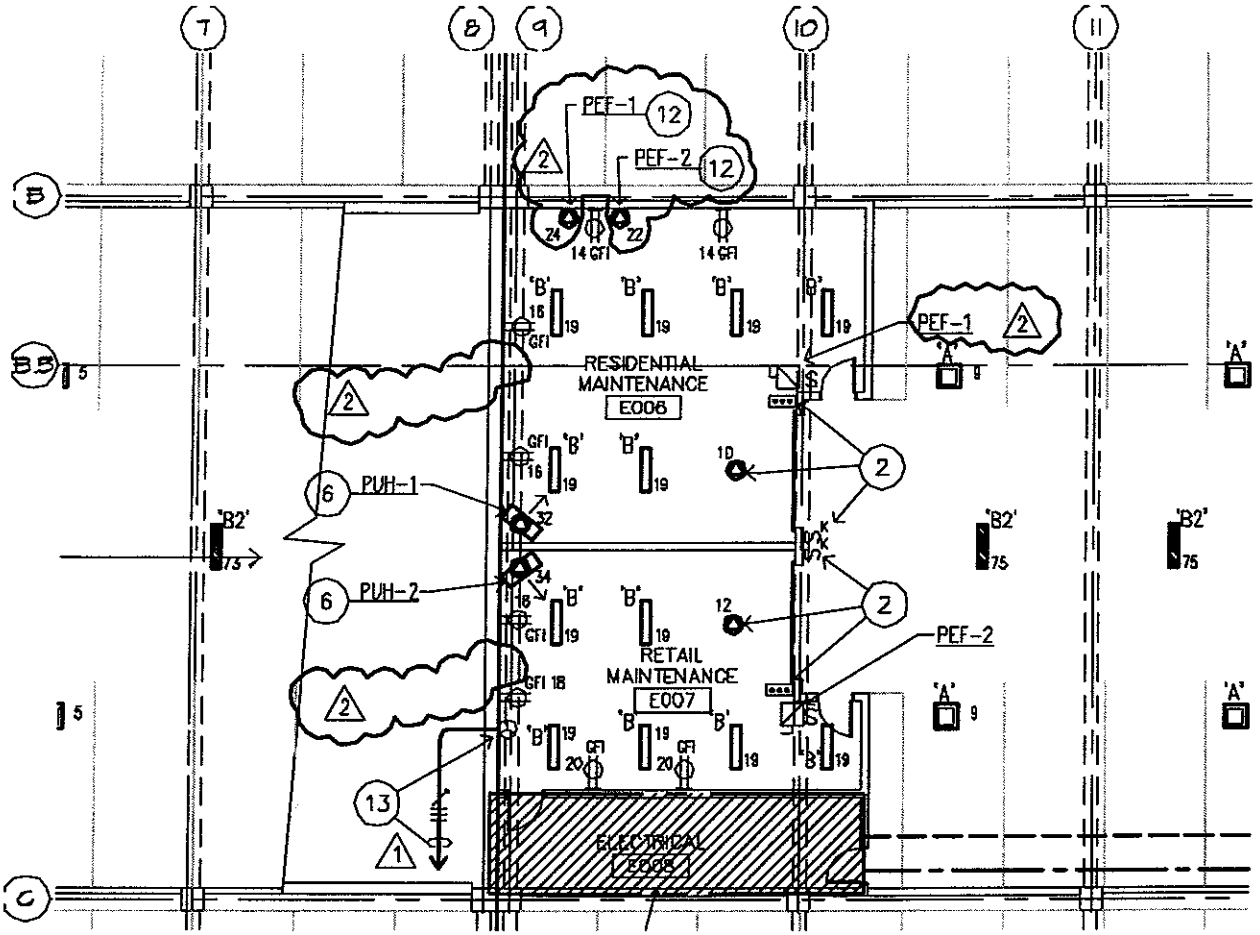
Revision Number: 2

Drawn by: APO Checked by: JLW

Project No.: 108-004 Scale: 1/16" = 1'-0"

Drawing No.:

E-SK003



PLAN NOTES:

2 13 CONNECT WASTE WATER PUMP CONTROL PANEL AND EXTEND CONDUIT AND WIRING TO PANEL "GDPL".

FLOOR PLAN -
BASEMENT LEVEL - ELECTRICAL

SCALE: 1/16" = 1'-0"

Eddy Street Commons
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Parking Garage
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Addendum No. 3
02-14-08

Reference Drawing: E101

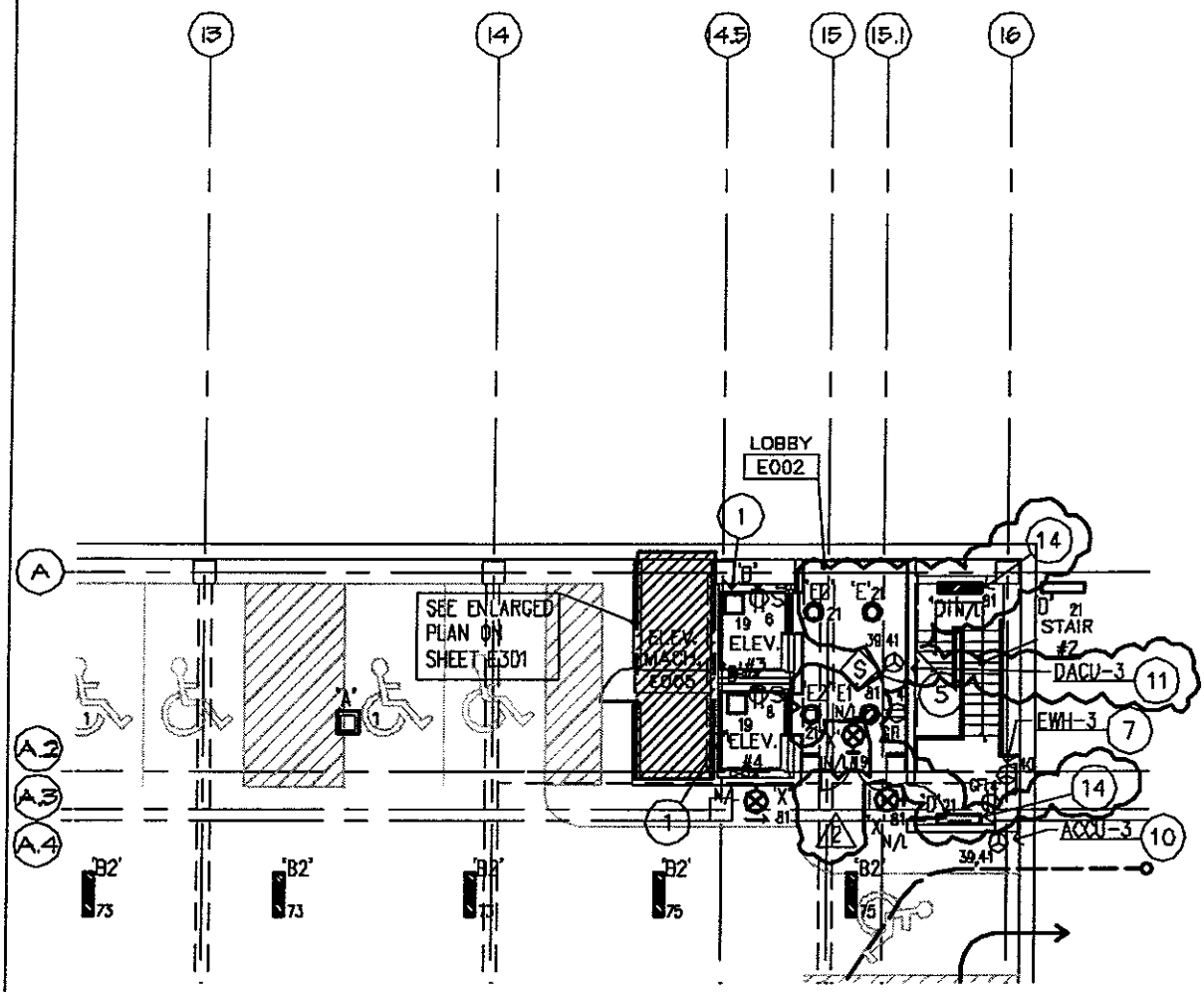
Revision Number: 2

Drawn by: APO Checked by: JLW

Project No.: 108-004 Scale: 1/16" = 1'-0"

Drawing No.:

E-SK004



PLAN NOTES:

2 14 MOUNT + 8'-0" AFF.

FLOOR PLAN -
BASEMENT LEVEL - ELECTRICAL

SCALE: 1/16" = 1'-0"

Eddy Street Commons
Phase II
Parking Garage
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Addendum No. 3
02-14-08

Reference Drawing: E101

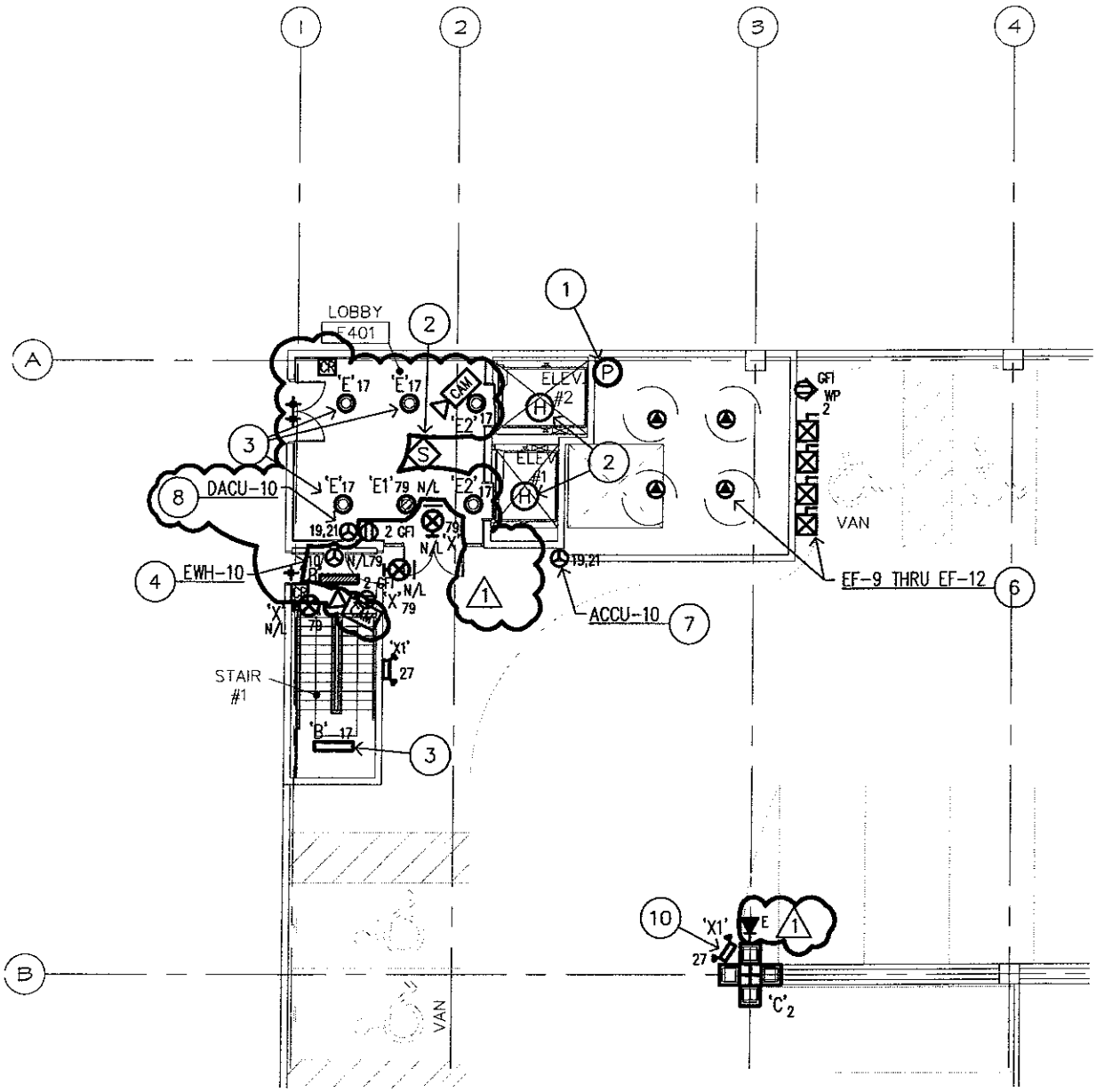
Revision Number: 2

Drawn by: APO Checked by: JLW

Project No.: 108-004 Scale: 1/16" = 1'-0"

Drawing No.:

E-SK005



FLOOR PLAN - FOURTH LEVEL - ELECTRICAL

SCALE: 1/16" = 1'-0"

Eddy Street Commons
Phase II
Parking Garage
Project Number 108-004

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Addendum No. 3
02-14-08

Reference Drawing: E105

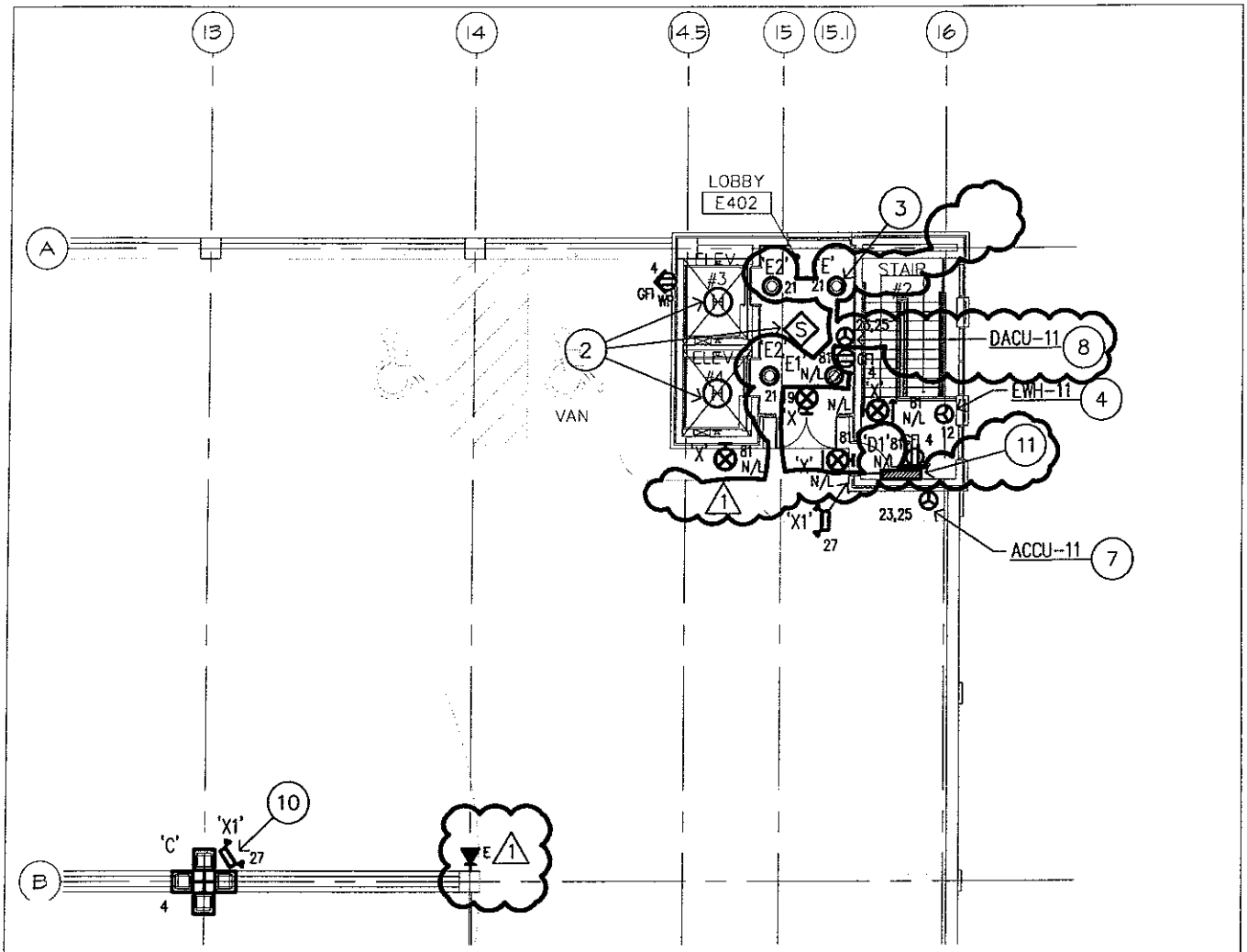
Revision Number: 1

Drawn by: APO | Checked by: JLW

Project No.: 108-004 | Scale: 1/16" = 1'-0"

Drawing No.:

E-SK006



PLAN NOTES:

1 11 MOUNT + 8'-0" AFF.

FLOOR PLAN - FOURTH LEVEL - ELECTRICAL

SCALE: 1/16" = 1'-0"

Eddy Street Commons
Phase II
Parking Garage
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Addendum No. 3
02-14-08

Reference Drawing: E105

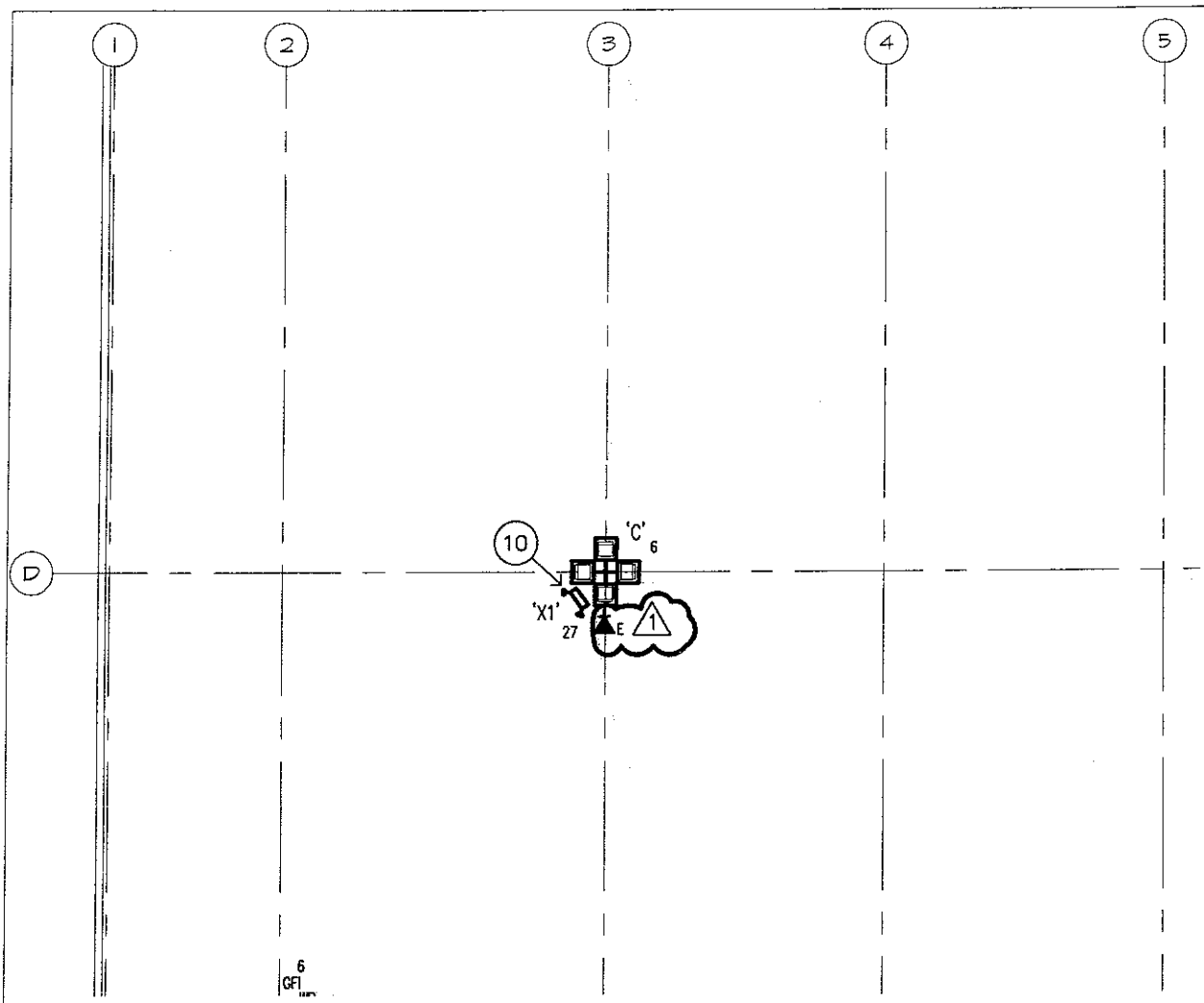
Revision Number: 1

Drawn by: APO | Checked by: JLW

Project No.: 108-004 | Scale: 1/16" = 1'-0"

Drawing No.:

E-SK007



FLOOR PLAN -
FOURTH LEVEL - ELECTRICAL

SCALE: 1/16" = 1'-0"

Eddy Street Commons
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Addendum No. 3
02-14-08

Reference Drawing: E105

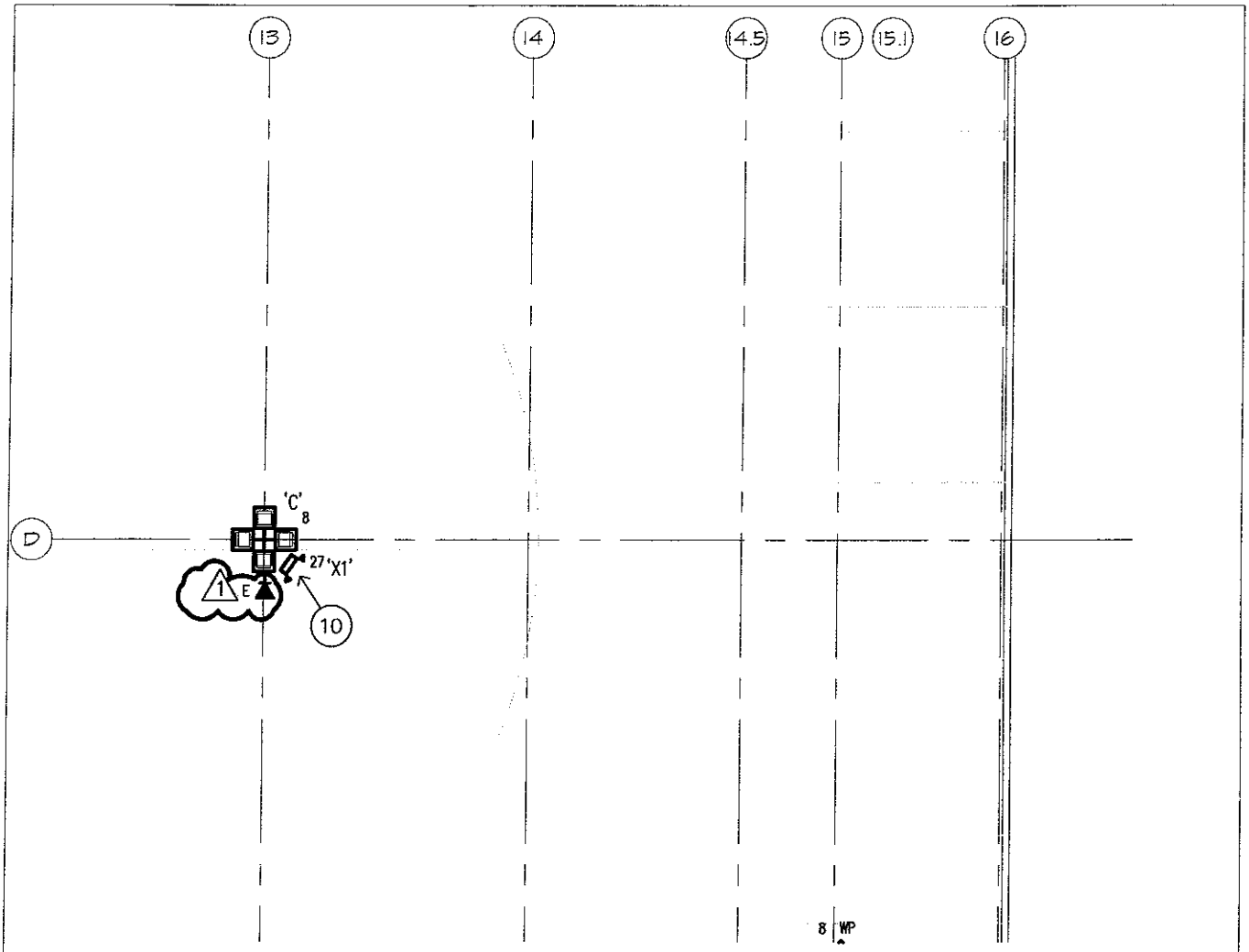
Revision Number: 1

Drawn by: APO | Checked by: JLW

Project No.: 108-004 | Scale: 1/16" = 1'-0"

Drawing No.:

E-SK008



FLOOR PLAN -
FOURTH LEVEL - ELECTRICAL

SCALE: 1/16" = 1'-0"

Eddy Street Commons
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Addendum No. 3
02-14-08

Reference Drawing: E105

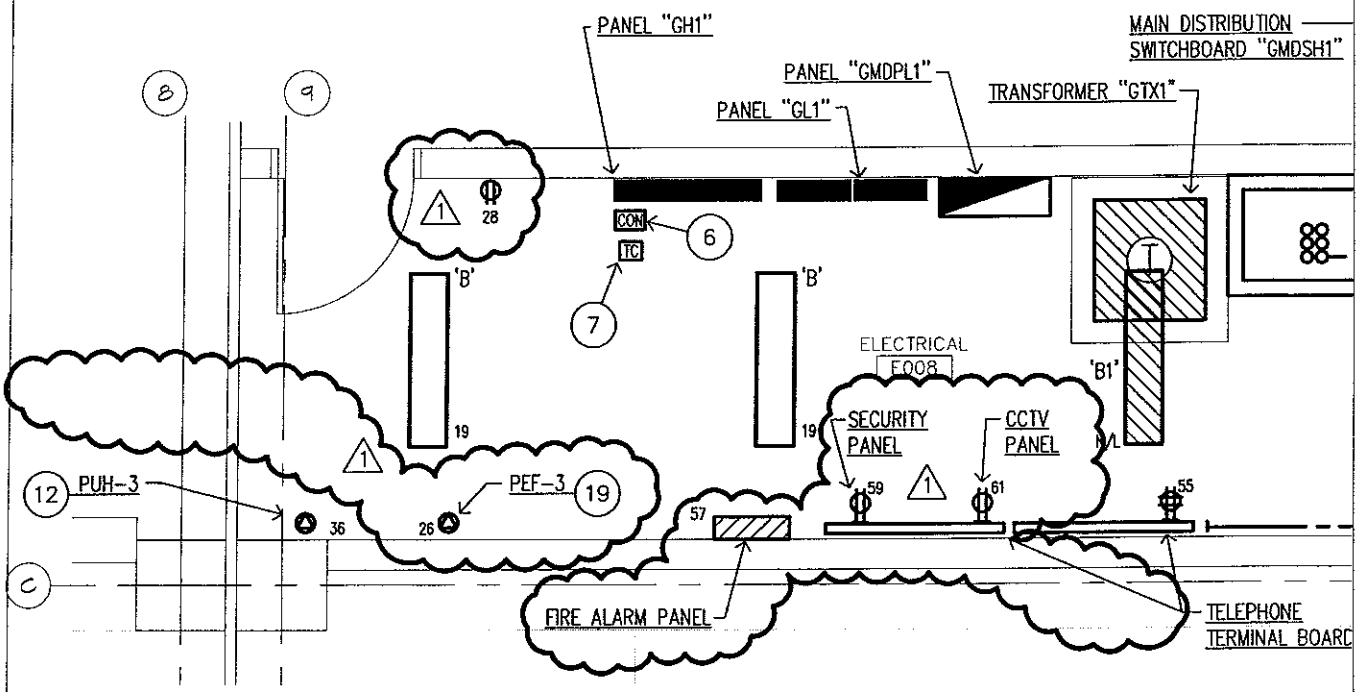
Revision Number: 1

Drawn by: APO Checked by: JLW

Project No.: 108-004 Scale: 1/16" = 1'-0"

Drawing No.:

E-SK009



PLAN NOTES:

1 8 TWO (2) 3/4" X 4' X 8' TELEPHONE TERMINAL BOARD WITH FIRE RETARDANT PAINT, +6" AFF. STUB COMMUNICATION CONDUIT OUT OVER TERMINAL BOARD AND BUSH. MOUNT QUADRAPLEX RECEPTACLE +84" AFF.

ENLARGED FLOOR PLAN - BASEMENT LEVEL - ELECTRICAL

SCALE: 1/4" = 1'-0"

Eddy Street Commons
Phase II
Parking Garage
Project Number 108-004

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Addendum No. 3
02-14-08

Reference Drawing: E301

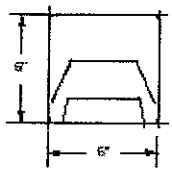
Revision Number: 1

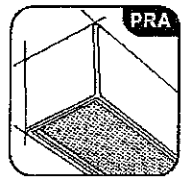
Drawn by: APO Checked by: JLW

Project No.: 108-004 Scale: 1/4" = 1'-0"

Drawing No.:

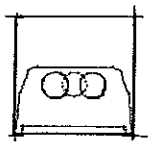
E-SK010



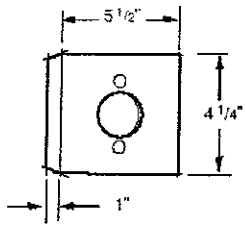


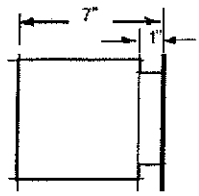
Distribution

(D1)



Wall Spacer





Type: D

Description: 6" x 6" x 4' wall mounted down light fixture with 1/8" thick extruded aluminum housing, prismatic lens and 0 degree electronic ballast.

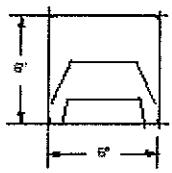
Remarks:

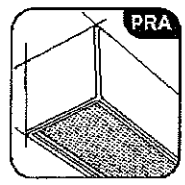
Finish: Selected by Architect ***Fixture Wattage:*** 63

Lamp: (2) 32w T8 ***Supply Voltage:*** 277

Manufacturer: Prudential #P-10-2T8-04'-PRA CC D1 SC 120-277 WS B-0 DEGREE
Or equal

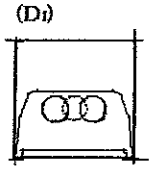
ADDENDUM #3



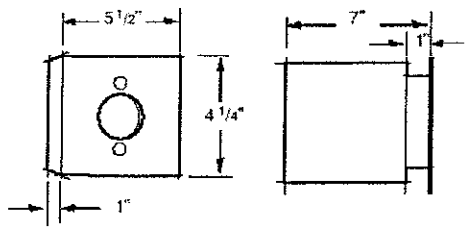


Distribution

(D1)



Wall Spacer



Type: D1

Description: 6" x 6" x 4' wall mounted down light fixture with 1/8" thick extruded aluminum housing, prismatic lens and emergency inverter unit.

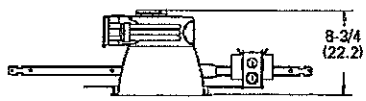
Remarks:

Finish: Selected by Architect ***Fixture Wattage:*** 63

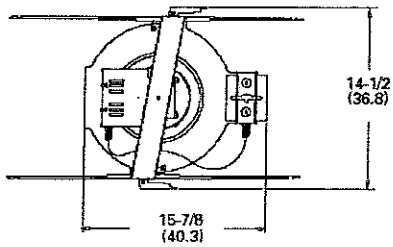
Lamp: (2) 32w T8 ***Supply Voltage:*** 277

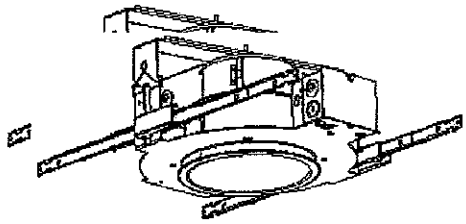
Manufacturer: Prudential #P-10-2T8-04'-PRA CC D1 SC 120-277 WS B-0 DEGREE EMH
Or equal

ADDENDUM #3



Aperture: 7-7/8 (20.1)
Ceiling Opening: 8-7/8 (22.5)
Overlap Trim: 9-1/4 (23.5)





Type: E

Description: 8" diameter recessed compact fluorescent down light fixture with semi-specular clear reflector, electronic ballast and suitable for installation in drywall ceiling.

Finish:

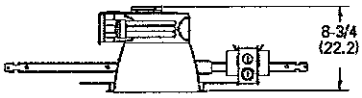
Fixture Wattage: 65

Lamp: (2) 26 watt TRT

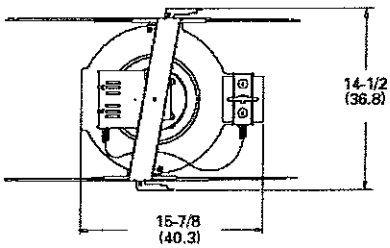
Supply Voltage: 277

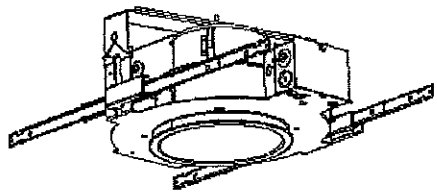
Manufacturer: Gotham #AF 2/26 8AR MVOLT WLP
Or equal

ADDENDUM #3



Aperture: 7-7/8 (20.1)
Ceiling Opening: 8-7/8 (22.5)
Overlap Trim: 9-1/4 (23.5)





Type: E1

Description: 8" diameter recessed compact fluorescent down light fixture with semi-specular clear reflector, emergency inverter unit and suitable for installation in drywall ceiling.

Finish:

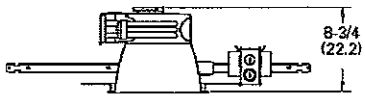
Fixture Wattage: 65

Lamp: (2) 26 watt TRT

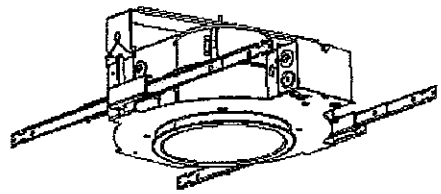
Supply Voltage: 277

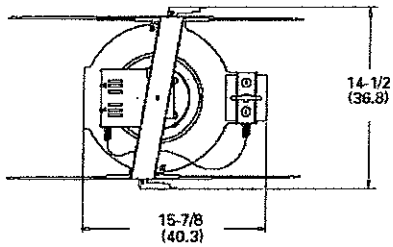
Manufacturer: Gotham #AF 2/26 8AR MVOLT WLP EL
Or equal

ADDENDUM #3



Aperture: 7-7/8 (20.1)
Ceiling Opening: 8-7/8 (22.5)
Overlap Trim: 9-1/4 (23.5)





Type: E2

Description: 8" diameter recessed compact fluorescent down light fixture with semi-specular clear reflector, electronic ballast and suitable for installation in drywall ceiling.

Finish:

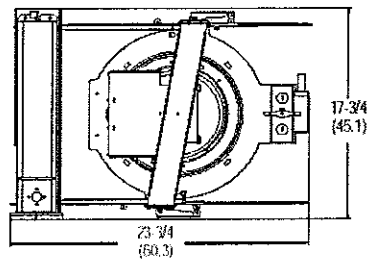
Fixture Wattage: 32

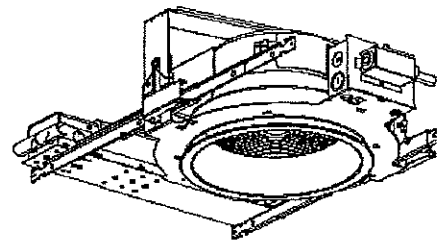
Lamp: (1) 26 watt TRT

Supply Voltage: 277

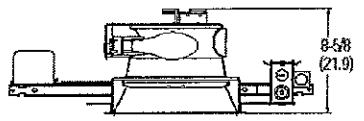
Manufacturer: Gotham #AF 1/26 8AR MVOLT WLP
Or equal

ADDENDUM #3





Aperture: 9-3/4 (24.8)
Ceiling Opening: 10-1/2 (26.7)
Overlap Trim: 10-7/8 (27.6)



Type: F

Description: 10" diameter shallow recessed horizontal HID down light fixture with regressed white door, tempered prismatic lens and wet label listed.

Remarks: Suitable for installation in metal pan ceiling.

Finish:

Fixture Wattage: 130

Lamp: 100 watt metal halide

Supply Voltage: 277

Manufacturer: Gotham #LGHZ-100MHC-10RW-T73-277-WLP
Or equal

ADDENDUM #3