



State of West Virginia
 Department of Administration
 Purchasing Division
 2019 Washington Street East
 Post Office Box 50130
 Charleston, WV 25305-0130

Request for Quotation

RFQ NUMBER
 DEFK7044

PAGE
 1

ADDRESS CORRESPONDENCE TO ATTENTION OF
 CHUCK BOWMAN
 304-558-2157

RFQ COPY
 TYPE NAME/ADDRESS HERE

VENDOR

SHIP TO

DIV ENGINEERING & FACILITIES
 JOBSITE
 SEE SPECIFICATIONS

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B	FREIGHT TERMS
08/18/2006				

BID OPENING DATE: 08/31/2006 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT NO	ITEM NUMBER	UNIT PRICE	AMOUNT
***** ADDENDUM NO. 1 *****						
ADDENDUM ISSUED FOR KINGWOOD READINESS CENTER PROJECT TO DISTRIBUTE THE PRE-BID SIGN-IN SHEET, THE AGENCY MINUTES AND COMMENTS FROM THE 08/10/06 MEETING, AND THE ARCHITECT/ENGINEER CHANGES AND MODIFICATIONS TO THE SPECIFICATIONS AND DRAWINGS AS ATTACHED.						
PLEASE NOTE AN ADDITIONAL ADDENDUM WILL BE ISSUED TO DISTRIBUTE THE SUBMITTED VENDOR QUESTIONS AND ANSWERS AND THE REVISED BID SCHEDULE.						
THE BID DATE HAS BEEN EXTENDED FROM 08/29/06 TO 08/31/06 AT 1:30.						
***** NO OTHER CHANGES *****						
0001	1	JB		968-20		
BUILDING CONSTRUCTION						

SEE REVERSE SIDE FOR TERMS AND CONDITIONS

SIGNATURE	TELEPHONE	DATE
TITLE	FEIN	ADDRESS CHANGES TO BE NOTED ABOVE

WHEN RESPONDING TO RFQ, INSERT NAME AND ADDRESS IN SPACE ABOVE LABELED 'VENDOR'

**GENERAL TERMS & CONDITIONS
REQUEST FOR QUOTATION (RFQ) AND REQUEST FOR PROPOSAL (RFP)**

1. Awards will be made in the best interest of the State of West Virginia.
2. The State may accept or reject in part, or in whole, any bid.
3. All quotations are governed by the *West Virginia Code* and the *Legislative Rules* of the Purchasing Division.
4. Prior to any award, the apparent successful vendor must be properly registered with the Purchasing Division and have paid the required \$125.00 registration fee.
5. All services performed or goods delivered under State Purchase Orders/Contracts are to be continued for the term of the Purchase Order/Contract, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise available for these services or goods, this Purchase Order/Contract becomes void and of no effect after June 30.
6. Payment may only be made after the delivery and acceptance of goods or services.
7. Interest may be paid for late payment in accordance with the *West Virginia Code*.
8. Vendor preference will be granted upon written request in accordance with the *West Virginia Code*.
9. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
10. The Director of Purchasing may cancel any Purchase Order/Contract upon 30 days written notice to the seller.
11. The laws of the State of West Virginia and the *Legislative Rules* of the Purchasing Division shall govern all rights and duties under the Contract, including without limitation the validity of this Purchase Order/Contract.
12. Any reference to automatic renewal is hereby deleted. The Contract may be renewed only upon mutual written agreement of the parties.
13. **BANKRUPTCY:** In the event the vendor/contractor files for bankruptcy protection, this contract is automatically null and void, and is terminated without further order.
14. **HIPAA Business Associate Addendum** - The West Virginia State Government HIPAA Business Associate Addendum (BAA), approved by the Attorney General, and available online at the Purchasing Division's web site (<http://www.state.wv.us/admin/purchase/vrc/hipaa.htm>) is hereby made part of the agreement. Provided that, the Agency meets the definition of a Covered Entity (45 CFR §160.103) and will be disclosing Protected Health Information (45 CFR §160.103) to the vendor.

INSTRUCTIONS TO BIDDERS

1. Use the quotation forms provided by the Purchasing Division.
2. **SPECIFICATIONS:** Items offered must be in compliance with the specifications. Any deviation from the specifications must be clearly indicated by the bidder. Alternates offered by the bidder as **EQUAL** to the specifications must be clearly defined. A bidder offering an alternate should attach complete specifications and literature to the bid. The Purchasing Division may waive minor deviations to specifications.
3. Complete all sections of the quotation form.
4. Unit prices shall prevail in cases of discrepancy.
5. All quotations are considered F.O.B. destination unless alternate shipping terms are clearly identified in the quotation.
6. **BID SUBMISSION:** All quotations must be delivered by the bidder to the office listed below prior to the date and time of the bid opening. Failure of the bidder to deliver the quotations on time will result in bid disqualifications.

SIGNED BID TO:

Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

Pre-Bid Conference**SIGN IN SHEET**

(Please print legibly)

002

Request for Proposal No: DEK7044Date: 8/10/06

<u>Representative & Firm Name</u>	<u>Mailing Address</u>	<u>Telephone & Fax Number</u> <u>Email Address</u>
EX: _____ Chuck Bowman WV State Purchasing Division	PO Box 50130 2019 Washington Street, East Charleston, WV 25305	T: 304-558-2157 F: 304-558-4115 Email: cbowman@wvadmin.gov
1. Steve Langan Langon GC Corp	Route 1 Box 84 Cumberland St East Wilky Ford WV 26767	T: 304-738-3300 F: 304-738-3384 Email: SteveLangon@hereintown.net
2. FKEVEREST INC ELECTRICAL	PO BOX 1389 FAIRMONT, WV. 26554	T: 304-363-8830 F: " " 8946 Email: CHRIS@FKEVEREST.COM
3. Pierson Technical, Inc. HVAC / REFRIG KAREN BALL	302 Spruce St. Saint Albans, WV 25177	T: 304-722-1810 F: 304-722-1846 Email: Piersontechnicalservices.com
4. EASTERN Electric Rt2 Box 191 Mineral Wells WV D. Alderman	Rt2 Box 191 Mineral Wells	T: 304-489-1451 Ph F: 1467 FAX Email: EEECO@Chester.net
5. G. A. SCROWN & SON GARY HIGHLAND	215 Mill St. FAIRMONT WV 26554	T: 304-363-4500 F: 304-366-9456 Email: glhighland@gabrown.com
6. FRANK DAY DAYCON, INC.	P.O. Box 85 PHILIPPI, WV 26416	T: 304-457-5607 F: 304-457-5424 Email: DAYCONINC@Verizon.net
7. Veritas Contracting SAM PROCTOR	P.O. Box 1395 Morgantown WV 26507	T: 304-598-2285 F: 304-598-2287 Email: Veritas@aol.com
8. Robert Fuller Capitol Engineering, Inc.	111 Wyoming St. Charleston WV 25302	T: 304-344-0720 F: 304-344-0820 Email: rfuller@capitolengineering.com
9. David Dickey Mason + Hanger Projed Manager	300 W. Vine St. Suite 1300 Lexington, KY 40507	T: 859-252-9980 F: 859-389-8270 Email: david.dickey@mhgrp.com

Please PRINT legibly. All information is essential to contact attendees in a timely manner.
If possible, please provide a company business card.

Pre-Bid Meeting Minutes

Contract: DEFK7044

Kingwood AFRC Expansion, Kingwood, WV

The following constitutes Pre-bid Meeting Minutes for DEFK7044, Kingwood AFRC Expansion.

A pre-bid meeting was conducted at the site for the expansion/construction of the existing Kingwood AFRC at 1000 hrs on 10 Aug 2006. During the pre-bid meeting, MAJ Cottrell welcomed those present for expressing interest in the subject project. Key Owner representatives were introduced and the following agenda items were covered:

1. ADMINISTRATIVE:

- a. All present contractors signed in.
- b. The project is a Federally funded, State administrated project.
- c. The user of the facility will be the West Virginia Army National Guard.
- d. The Administrator of the contract will be the Construction & Facilities Management Office, WVARNG.

2. INTRODUCTION:

- a. MAJ Cottrell outlined key personnel associated with the project and address for the office. COL Burch was identified as the Contracting Officer, MAJ Cottrell as the Administrative Contracting Officer, and Rocky Hodges as the Project Manager. Phone numbers and address were identified as follows:
 - i. Address
1703 Coonskin Drive
Charleston, WV 25311
 - ii. COL Melvin Burch, CFMO
(304) 561-6450
Contracting Officer

- iii. MAJ Garrett Cottrell, PE, Chief, Design & Construction
Garrett.b.cottrell@wv.ngb.army.mil
(304) 561-6452
Administrative Contracting Officer
- iv. Rocky Hodges, Project Manager
Email: rocky.hodges@wv.ngb.army.mil
561-6451 (o) 561-6458 (fax)
Contracting Officer Technical Representative
- v. CPT Mike Beckner, Facilities Manager
561-6333
- vi. COL Gary Blackhurst, Environmental Program Management Officer
561-6445

b. Mr Chuck Bowman introduced himself and outlined administrative issues regarding the bidding process. The Contractors are required to submit only one proposal to the Purchasing Division for bidding. A duplicate copy is no longer needed for the Auditors Office. Mr. Bowman outlined procedure for submission of questions. The contactor must submit any questions to Mr. Bowman, who will distribute for resolution. Direct discussion is **not** authorized with the Engineer, the Facilities Engineer, or the Project Manager. Mr. Bowman noted that State Wage Rates applies for this project. Bid Opening is set for 29 Aug 2006. Mr. Bowman provided his office and fax number (304) 558-2157 (o); (304) 558-4115 (f).

3. The Designer of Record, Mason Hanger, was introduced. David Dickey, PE, is the project manager for the Architect. Mr. Dickey introduced Mr. Robert Fuller, PE, engineer with Capitol Engineering. Their phone numbers and locations were provided to the contractors.

- i. Address:
Mason & Hanger
300 West Vine Street, Suite 1300
Lexington, KY 40507-1814
Ph: (859) 252-9980

- ii. Address:
CEI
111 Wyoming Street, Suite 200
Charleston, WV 25302
Ph: (304) 344-0720

4. MAJ Cottrell outlined the relationship between the Federal Government and the State Government for funding of the project. Because of this funding relationship, the Contractor includes certain federal acquisitions requirements. The Contractors were encouraged to review and understand General Provision specifications of the Contract.

5. LT Hodges discussed security, work hours, access to the site, and temporary facilities. The Contractor will have access to the site from 0700 to 1800 hrs, Monday to Friday. If work hours must be modified, these will be approved on a case-by-case via the Project Manager (R. Hodges) and the Engineer of Record. Contractor is required to provide to the Project Manager, a listing of personnel, which will be gaining access to the site. *(Section 01310-1.4.K)* Superintendence: In accordance with Contract documents, the Contractor must maintain full-time, active superintendent on the job. Regarding temporary Facilities, job trailer, equipment and material storage is located adjacent to entrance to the POV parking lot. All utilities for construction are located on site, but will need to be metered separately. Contractor will have to provide port-a-johns for all personnel involved with Construction.
6. LT Hodges discussed liquidated damages and duration of construction. Liquidated Damages is \$1,500 per day plus one time fixed cost of \$2,500 for Staff Judge Advocate Review. Per Article 9.11.1 Supplement General Provisions and GP 54, "Liquidated Damages". Duration of the contract is 450 days from the NTP.
7. LT Hodges outlined safety requirements for the job. All construction activities will be in conjunction with OHSA, Safety and Health Requirements Manual (US Army Corps of Engineers). As noted, the Army safety and health standards mirror OHSA. All construction activities on site will be a hardhat area and marked as such. Access to the site will be restricted and controlled by the Contractor. A visitor's sign-in and hardhats to be made available for personnel visiting site. Contractor is also responsible for keeping driveways and entrances serving the premises clear and available for the Owner's use, i.e. Pole building and lower garage. Temporary fueling operations: Any temporary fueling operation will be maintained in accordance with OHSA and WV Fire Marshall Standards to included secondary containment, fire extinguishers, and spill control. Cleanup required daily by each perspective sub and General Contractor: No open dumps of construction materials. Remove surplus soil material, unsuitable topsoil, obstructions, demolished materials, and waste materials including trash and debris, and legally dispose of them off Owner's property. Crushed pavement, gravel and clean soil may be given to nearby landowners with written approval from the C&FMO.
8. LT Hodges discussed the role of the Architect during construction. The Architect will provide recommendations for actions regarding progress payments, change orders, and acceptance of work.
9. LT Hodges also outlined project administrative procedures and encouraged the contractors to review various specifications to include but not limited to spec section Project Coordination (Correspondence) – Section 1040; Meetings – Section 01200; Submittals – 01300 and Pay Application – 1027.
10. Mr. Dickey with Mason & Hanger discussed substitution procedures to include but not limited to;
 - a. Substitution requests must be submitted within 60 days of commencement of work.
 - b. Substitution requests will only be considered when one or more of the following applies:
 - i. Proposed changes comply with general intent of Contractor Documents.

- ii. Request is timely and is accompanied with all required documentation per specification section 01631.
- iii. The specified product cannot be provided within Contract Time. This time will not be considered if Contractor fails to provide proper and timely coordination.
- iv. Governing authority cannot approve the specific product and substitute product can be approved.

11. Mr. Dickey, in conjunction with Mr. Robert Fuller, Capitol Engineering, discussed the project. The pair highlighted the following:

a. Project Description

- i. Project consists of a new addition, and POV parking lot.
- ii. Work will be constructed under a single prime contractor.
- iii. Contractor shall have limited use of premises for construction operations, subject to limitations and requirements of the West Virginia Army National Guard.

b. SCOPE OF EARTH WORK

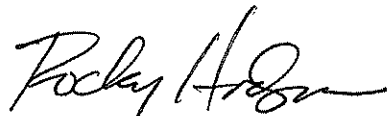
- i. Reviewed the scope of work for subject project:
- ii. Insurance Certificates/Bonds
 - (1) General insurance/bonds from prime contractor are due prior to NTP. Copies to be provided to CFMO. For the subcontractors, copies of insurance due prior to start of work.
- iii. Environmental Issues/comments
 - (1) On-site Burning: No
 - (2) Spills of fuels: The Contractor must notify the Owner of any fuel spills as soon as possible.
 - (3) Reporting Procedure: Review the Specification for formatting and procedures
- iv. Construction Storm Water Permit
- v. Sediment Erosion Control Measures
 - (1) Need copies of inspections made by DEP
 - (a) Silt Fence must be maintained throughout project

12. The meeting was opened for Questions by the Contractors.

- 1. Drop Dead Date for Addendum Question to Purchasing? *17 Aug 06*
- 2. Where is the building line item? *Will revise the Base Bid Quantity Sheets*
- 3. What is the role of the On-site Inspector for the Owner? *This person will be the Owners eyes and ears on site for the day to day work. By no means is he a Quality control inspector for the General Contractor. If an issue arises during construction he will notify the General Contractor not a sub-contractor directly.*
- 4. Temporary facilities during construction? *The contractor will have to meter all facilities during construction; water, electric, and gas.*

5. Controlled Access to the Site? *The General Contractor will have to maintain a controlled access to the site and sustain a sign in roster of all visitors.*
 6. Name brands for the HVAC? *Johnson Controls*
 7. When do the contract days begin? *From the issuance of the NTP from the Owner is when the contract 450 calendar days begin.*
 8. Will escalation costs be compensated? *No*
 9. Will payment of stored materials be allowed? *Yes*
 10. Is wet soil acceptable for use as fill? Response from MAJ Cottrell: *Wet soil is not unsuitable; it may be dried and replaced; organic material is unsuitable.*
 11. Weather days: *A set number are specified, Weather days above the set number will be granted as an extension.*
13. MAJ Cottrell closed the meeting and thanked the Contractors for their interest in the project. MAJ Cottrell outlined that the meeting notes will be published through state purchasing, along with clarifications to contract documents. Any questions will be addressed through an Addendum released after the question period has closed. It was also stressed that any further questions between now and bid award must be directed to Chuck Bowman at State Purchasing.

Prepared by:



ROCKY HODGES
Project Manager
CFMO, WVARNG

Reviewed:

GARRETT B. COTTRELL, PE
MAJ, EN
Branch Chief, Design & Construction

ADDENDUM #01

008

for

KINGWOOD READINESS CENTER
Kingwood, West Virginia

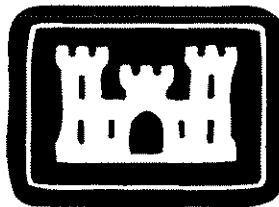
Contract No.: W912HN-05-D-0001

Task Order No.: CK04

Prepared for



West Virginia Army National Guard
and



U.S. Army Corps of Engineers, Mobile District

MHG Project No.: 0062.04

August 07, 2006

ADDENDUM # 1

ISSUE DATE: August 7, 2006

PROJECT: KINGWOOD READINESS CENTER
Camp Dawson
Kingwood, West Virginia

OWNER: West Virginia Army National Guard and
U.S. Army Corps of Engineers, Mobile District

Contract No.: W912HN-05-D-001
Task Order No.: CK04

ARCHITECT / ENGINEER: The Mason & Hanger Group, Inc
a Day & Zimmermann company
300 West Vine Street, Suite 1300
Lexington, Kentucky 40507-1814
MHG No. 0062.04
tel 859.252.9980
fax 859.389.8870

Revise and amend the Project Manual and Drawings all dated July 18, 2006 for Work on the above Project as stated in this Addendum; otherwise the original Project Manual and Drawings shall remain in effect.

This Addendum consists of 4 page(s) and the following attachments:

AFFECTING BIDDING REQUIREMENTS:

None

AFFECTING CONDITIONS OF THE CONTRACT:

None

AFFECTING SPECIFICATIONS:

- 01-001: Table of Contents: DIVISION 9: FINISHES: Delete Section 09684 SHEET CARPET.
- 01-002: Delete Section 09684 SHEET CARPET 09684-1 through 09684-5 complete.
- 01-003: Delete section 10200 LOUVERS AND VENTS and replace with revised section 10200-1 through 10200-6, attached.
- 01-004: Section 05310 Steel Deck
Delete paragraph 2.3 and replace with
2.3 NONCOMPOSITE FORM DECK
A. Noncomposite Steel Form Deck: Fabricate ribbed-steel sheet noncomposite form-deck panels to comply with "SDI Specifications and Commentary for Noncomposite Steel Form Deck," in SDI Publication No. 30, with the minimum section properties indicated, and with the following:
1. Galvanized Steel Sheet: ASTM A 653/A 653M, Structural Steel (SS), Grade 60, G60 zinc coating.
 2. Profile Depth: 9/16 inch.
 3. Design Uncoated-Steel Thickness: 0.0149 inch.
 4. Span Condition: Triple span or more.
 5. Side Laps: Overlapped or interlocking seam at Contractor's option.

01-005: Section 03300 Cast-in-Place Concrete: Delete paragraph 2.6E "Color Pigment". Add the following text in paragraph 2.8 "FLOOR AND SLAB TREATMENTS":

B. Pigmented Mineral Dry-Shake Floor Hardener: Factory packaged, dry combination of portland cement, graded quartz aggregate, color pigments, and plasticizing admixture. Use color pigments that are finely ground, nonfading mineral oxides interground with cement.

1. Products:
 - a. Scofield, L. M. Company; Lithochrome Color Hardener.
2. Color: As selected by Architect from manufacturer's full range.

AFFECTING DRAWINGS:

- 01-006: S-303 ENLARGED PLAN & SECTIONS: Delete "Enlarged Partial Foundation Plan" and replace with revised drawing per supplemental drawing SD-S-001.
- 01-007: S-303 ENLARGED PLAN & SECTIONS: Add Section E through canopy foundation per supplemental drawing SD-S-002.
- 01-008: S-303 ENLARGED PLAN & SECTIONS: Replace Section A with supplemental drawing SD-S-003.
- 01-009: S-303 ENLARGED PLAN & SECTIONS: Replace Section C with supplemental drawing SD-S-004.
- 01-0010: S-130 ROOF FRAMING PLAN: Add "Loading Dock Canopy Framing Plan" per supplemental drawing SD-S-005.
- 01-0011: S-120 MECHANICAL PLATFORM LEVEL FRAMING PLAN: Replace W12x22 with 14K3SP joist to permit ductwork to pass through the joist webs, replace W12x22 with W6x20, replace 10K1 joists with 8K1 joists, add sheet note 8, and change 1/2" plywood to 3/4" plywood per supplemental drawing SD-S-006.
- 01-0012: S-701 VAULT SECTIONS AND DETAILS: Add Detail 2 per supplemental drawing SD-S-007.
- 01-0013: S-110 FOUNDATION PLAN: Replace control joints in hallways 101 and 102 with tooled joints per supplemental drawing SD-S-008.
- 01-0014: S-405 FRAMING SECTIONS: Delete note "WT4x14x2'-0" " and replace with "WT4x14x2'-0" @ 4'-0" OC MAX."
- 01-0015: G-002 DRAWING INDEX: Add to ARCHITECTURAL drawing index: A-521 RAILING AND STAIR DETAILS.
- 01-0016: 1/A101 FLOOR PLAN: delete partition tag "1" between rooms 601 and 602 and replace with partition tag "6"
- 01-0017: 1/A101 FLOOR PLAN: delete partition tag "3" at office rooms 401, 402, 403, 405, 407, 409 and 410 and between 422 and Review 604 and replace with partition tag "3A"
- 01-0018: 1/A102 CLERESTORY PLAN: add note to read "Mechanical louver see 2/A201" at mechanical louver between grid lines 6 and 7
- 01-0019: 1/A105 ROOF PLAN: add partial roof plan of loading dock canopy per architectural supplemental drawing SD-A-001, attached.

- 01-0020: A200 BUILDING ELEVATIONS: add partial revised 3/A200 SOUTH ELEVATION per architectural supplemental drawing SD-A-002, attached.
- 01-0021: A200 and A201 BUILDING ELEVATIONS: delete Entrance Canopy Elevation at 110'-0" and replace with elevation 110'-2".
- 01-0022: A311 through A322 WALL SECTIONS: Delete note "Vents..." and replace with note "Vents at 36" O.C., See Specifications".
- 01-0023: A311 through A322 WALL SECTIONS: Delete note "Weeps..." and replace with note "Weeps at 24" O.C., See Specifications.
- 01-0024: Delete 1/A315 WALL SECTION and replace with revised wall section drawing per architectural supplemental drawing SD-A-003 attached.
- 01-0025: Delete 4/A512 SECTION DETAIL and replace with revised detail 1/A512 SECTION DETAIL AT DOCK CANOPY per architectural supplemental drawing SD-A-004 attached.
- 01-0026: Delete 7/A512 SECTION DETAIL and replace with revised detail 7/A512 SECTION DETAIL AT LOADING DOCK per architectural supplemental drawing SD-A-005, attached.
- 01-0027: Replace 3/A513 SECTION DETAIL with revised partial drawing per architectural supplemental drawing SD-A-006, attached.
- 01-0028: A511 through A516 WALL SECTIONS DETAILS: Delete note "Vents..." and replace with note "Vents at 36" O.C., See Specifications.
- 01-0029: A511 through A516 WALL SECTIONS DETAILS: Delete note "Weeps..." and replace with note "Weeps at 24" O.C., See Specifications.
- 01-0030: Delete 2/A514 SECTION DETAIL AT ENTRANCE CANOPY and replace with revised drawing per architectural supplemental drawing SD-A-007, attached.
- 01-0031: Delete 4/A514 SECTION DETAIL AT SOLAR SHADING and replace with revised drawing per architectural supplemental drawing SD-A-008, attached.
- 01-0032: Add detail 8/A514 CANOPY PLAN DETAIL AT CORNER per architectural supplemental drawing SD-A-009, attached.
- 01-0033: Delete 1/A519 RAMP SECTION AND 2/A519 RAMP SECTION and replace with revised drawing per architectural supplemental drawing SD-A-010, attached.
- 01-0034: Delete 3/A519 STAIR SECTION AND 4/A519 STAIR SECTION and replace with revised drawing per architectural supplemental drawing SD-A-011, attached.
- 01-0035: Delete 5/A519 EXTERIOR RAMP AND STAIR PLAN AND 6/A519 EXTERIOR ENLARGED PLAN and replace with revised drawing per architectural supplemental drawing SD-A-012, attached.
- 01-0036: Delete 8/A519 STAIR SECTION AND 9/A519 STAIR SECTION and replace with revised drawing per architectural supplemental drawing SD-A-013, attached.
- 01-0037: Add 10/A519 LOADING DOCK AND STAIR PLAN per architectural supplemental drawing SD-A-014.

- 01-0038: Add 1/A521 HANDRAIL DETAIL AND 2/A521 GUARDRAIL DETAIL per architectural supplemental drawing SD-A-015, attached.
- 01-0039: Add 3/A521 STAIR HANDRAIL DETAIL AND 4/A521 STAIR HANDRAIL DETAIL per architectural supplemental drawing SD-A-016, attached.
- 01-0040: Add 5/A521 GUARDRAIL DETAIL per architectural supplemental drawing SD-A-017, attached.
- 01-0041: Add 6/A521 GUARDRAIL DETAIL per architectural supplemental drawing SD-A-018, attached.
- 01-0042: Add 8/A521 HANDRAIL PLAN DETAIL AND 9/A521 HANDRAIL PLAN DETAIL per architectural supplemental drawing SD-A-019, attached.
- 01-0043: MH-111 FLOOR PLAN – HVAC: Move CUH-1 to southwest wall. Refer to supplemental drawing SD-M-001.
- 01-0044: MH-111 FLOOR PLAN – HVAC: Provide fire dampers in two openings in Locker Room 501. Refer to supplemental drawing SD-M-001.
- 01-0045: MH-111 FLOOR PLAN – HVAC: Provide fire damper in 12x12 supply duct serving Hallway 104. Refer to supplemental drawing SD-M-001.
- 01-0046: M-503 HVAC DETAILS: Add Fire Damper Detail. Refer to supplemental drawing SD-M-002.
- 01-0047: ES-111 PARTIAL SITE PLAN - ELECTRICAL: add note to read "ALTERNATE: PROVIDE NEW STEPLIGHT FIXTURE. SEE LIGHTING FIXTURE SCHEDULE AND DETAILS ON SHEETS EL-501 THRU EL-504." Refer to supplemental drawings SD-E-001 thru SD-E-004.
- 01-0048: EM-111 FLOOR PLAN MECHANICAL: move CUH-1 homerun circuit to new location on the outside wall of the vestibule. Refer to supplemental drawing SD-E-005.

End of Addendum # 1

SECTION 10200 - LOUVERS AND VENTS

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section Includes:

1. Fixed, extruded-aluminum louvers.
2. Wall vents (brick vents).

- B. Related Sections:

1. Division 4 Section "Unit Masonry Assemblies" for building wall vents (brick vents) into masonry.
2. Division 9 Section "Exterior Painting" for field painting louvers.
3. Division 15 Sections for louvers that are a part of mechanical equipment.
4. Division 15 Section "HVAC Instrumentation and Controls" for electric, electronic, and pneumatic control of adjustable louvers.

1.3 DEFINITIONS

- A. Louver Terminology: Definitions of terms for metal louvers contained in AMCA 501 apply to this Section unless otherwise defined in this Section or in referenced standards.
- B. Horizontal Louver: Louver with horizontal blades; i.e., the axes of the blades are horizontal.
- C. Storm-Resistant Louver: Louver that provides specified wind-driven rain performance, as determined by testing according to AMCA 500-L.

1.4 PERFORMANCE REQUIREMENTS

- A. Delegated Design: Design louvers, including comprehensive engineering analysis by a qualified professional engineer, using structural performance requirements and design criteria indicated.
- B. Structural Performance: Louvers shall withstand the effects of gravity loads and the following loads and stresses within limits and under conditions indicated without permanent deformation of louver components, noise or metal fatigue caused by louver blade rattle or flutter, or permanent damage to fasteners and anchors. Wind pressures shall be considered to act normal to the face of the building.

1. Wind Loads: Determine loads based on pressures as indicated on Drawings.
 2. Wind Loads: Determine loads based on a uniform pressure (velocity pressure) of 20 lbf/sq. ft. acting inward or outward.
 3. Wind Loads: Determine loads based on pressures indicated below:
- C. Thermal Movements: Allow for thermal movements from ambient and surface temperature changes, without buckling, opening of joints, overstressing of components, failure of connections, or other detrimental effects.
1. Temperature Change (Range): 120 deg F material surfaces.
- D. Louver Performance Ratings: Provide louvers complying with requirements specified, as demonstrated by testing manufacturer's stock units identical to those provided, except for length and width according to AMCA 500-L.

1.5 SUBMITTALS

- A. Product Data: For each type of product indicated.
1. For louvers specified to bear AMCA seal, include printed catalog pages showing specified models with appropriate AMCA Certified Ratings Seals.
- B. Shop Drawings: For louvers and accessories. Include plans, elevations, sections, details, and attachments to other work. Show frame profiles and blade profiles, angles, and spacing.
1. Show weep paths, gaskets, flashing, sealant, and other means of preventing water intrusion.
 2. Show mullion profiles and locations.
- C. Samples for Initial Selection: For units with factory-applied color finishes.
- D. Samples for Verification: For each type of metal finish required.
- E. Delegated-Design Submittal: For louvers indicated to comply with structural performance requirements and design criteria, including analysis data signed and sealed by the qualified professional engineer responsible for their preparation.
- F. Product Test Reports: Based on evaluation of comprehensive tests performed according to AMCA 500-L by a qualified testing agency or by manufacturer and witnessed by a qualified testing agency, for each type of louver and showing compliance with performance requirements specified.

1.6 QUALITY ASSURANCE

- A. Source Limitations: Obtain louvers and vents from single source from a single manufacturer where indicated to be of same type, design, or factory-applied color finish.
- B. Welding: Qualify procedures and personnel according to the following:
1. AWS D1.2/D1.2M, "Structural Welding Code - Aluminum."

2. AWS D1.3, "Structural Welding Code - Sheet Steel."
 3. AWS D1.6, "Structural Welding Code - Stainless Steel."
- C. SMACNA Standard: Comply with recommendations in SMACNA's "Architectural Sheet Metal Manual" for fabrication, construction details, and installation procedures.

1.7 PROJECT CONDITIONS

- A. Field Measurements: Verify actual dimensions of openings by field measurements before fabrication.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Aluminum Extrusions: ASTM B 221, Alloy 6063-T5, T-52, or T6.
- B. Fasteners: Use types and sizes to suit unit installation conditions.
1. Use Phillips flat-head screws for exposed fasteners unless otherwise indicated.
 2. For fastening aluminum, use aluminum or 300 series stainless-steel fasteners.
 3. For fastening galvanized steel, use hot-dip-galvanized steel or 300 series stainless-steel fasteners.
 4. For fastening stainless steel, use 300 series stainless-steel fasteners.
 5. For color-finished louvers, use fasteners with heads that match color of louvers.
- C. Postinstalled Fasteners for Concrete and Masonry: Torque-controlled expansion anchors, made from stainless-steel components, with capability to sustain, without failure, a load equal to 4 times the loads imposed, for concrete, or 6 times the load imposed, for masonry, as determined by testing per ASTM E 488, conducted by a qualified independent testing agency.
- D. Bituminous Paint: Cold-applied asphalt emulsion complying with ASTM D 1187.

2.2 FABRICATION, GENERAL

- A. Assemble louvers in factory to minimize field splicing and assembly. Disassemble units as necessary for shipping and handling limitations. Clearly mark units for reassembly and coordinated installation.
- B. Maintain equal louver blade spacing, including separation between blades and frames at head and sill, to produce uniform appearance.
- C. Fabricate frames, including integral sills, to fit in openings of sizes indicated, with allowances made for fabrication and installation tolerances, adjoining material tolerances, and perimeter sealant joints.
1. Frame Type: Channel unless otherwise indicated.

- D. Include supports, anchorages, and accessories required for complete assembly.
- E. Provide subsills made of same material as louvers for recessed louvers.
- F. Join frame members to each other and to fixed louver blades with fillet welds concealed from view welds, threaded fasteners, or both, as standard with louver manufacturer unless otherwise indicated or size of louver assembly makes bolted connections between frame members necessary.

2.3 FIXED, EXTRUDED-ALUMINUM LOUVERS

- A. Horizontal Storm-Resistant Louver
 - 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following or approved equal:
 - a. Airolite Company, LLC (The).
 - 2. Louver Depth: 4 inches.
 - 3. Frame and Blade Nominal Thickness: Not less than 0.080 inch
 - 4. Louver Performance Ratings:
 - a. Free Area: Not less than 8.0 sq. ft for 48-inch wide by 48-inch high louver.
 - b. Air Performance: Not more than 0.10-inch wgat static pressure drop at 700-fpm free-area velocity.
 - c. Wind-Driven Rain Performance: Not more than 0.01 oz. per sq. ft. of free area at an airflow of 900 fpm free area velocity when tested for 15 minutes.
 - 5. AMCA Seal: Mark units with AMCA Certified Ratings Seal.

2.4 LOUVER SCREENS

- A. General: Provide screen at each exterior louver.
 - 1. Screen Location for Fixed Louvers: Interior face.
 - 2. Screening Type: Bird screening.
- B. Secure screen frames to louver frames with stainless-steel machine screws, spaced a maximum of 6 inches from each corner and at 12 inches o.c.
- C. Louver Screen Frames: Fabricate with mitered corners to louver sizes indicated.
 - 1. Metal: Same kind and form of metal as indicated for louver to which screens are attached. Reinforce extruded-aluminum screen frames at corners with clips.
 - 2. Finish: Same finish as louver frames to which louver screens are attached.
 - 3. Type: Rewirable frames with a driven spline or insert.

D. Louver Screening for Aluminum Louvers:

1. Bird Screening: Aluminum, 1/2-inch square mesh, 0.063-inch wire.
2. Bird Screening: Stainless steel, 1/2-inch square mesh, 0.047-inch wire.
3. Bird Screening: Flattened, expanded aluminum, 3/4 by 0.050 inch thick.

2.5 WALL VENTS (BRICK VENTS)

A. Extruded-Aluminum Wall Vents:

1. Manufacturers: Subject to compliance with requirements, provide products by one of the following or approved equal.
 - a. Airolite Company, LLC (The).
2. Extruded-aluminum louvers and frames, not less than 0.125-inch nominal thickness, assembled by welding; with 18-by-14- mesh, aluminum insect screening on inside face; incorporating weep holes, continuous drip at sill, and integral waterstop on inside edge of sill; of load-bearing design and construction.
3. Dampers: Aluminum blades and frames mounted on inside of wall vents; operated from exterior with Allen wrench in socket-head cap screw. Fabricate operating mechanism from Type 304 stainless-steel components.
4. Finish: Mill finish
5. Spacing: Vents to be located at 36" on center and weeps to be located 24" on center.

2.6 FINISHES, GENERAL

- A. Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.

2.7 ALUMINUM FINISHES

- A. Finish louvers after assembly.
- B. Clear Anodic Finish: AAMA 611, AA-M12C22A41, Class I, 0.018 mm or thicker.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates and openings, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Coordinate setting drawings, diagrams, templates, instructions, and directions for installation of anchorages that are to be embedded in concrete or masonry construction. Coordinate delivery of such items to Project site.

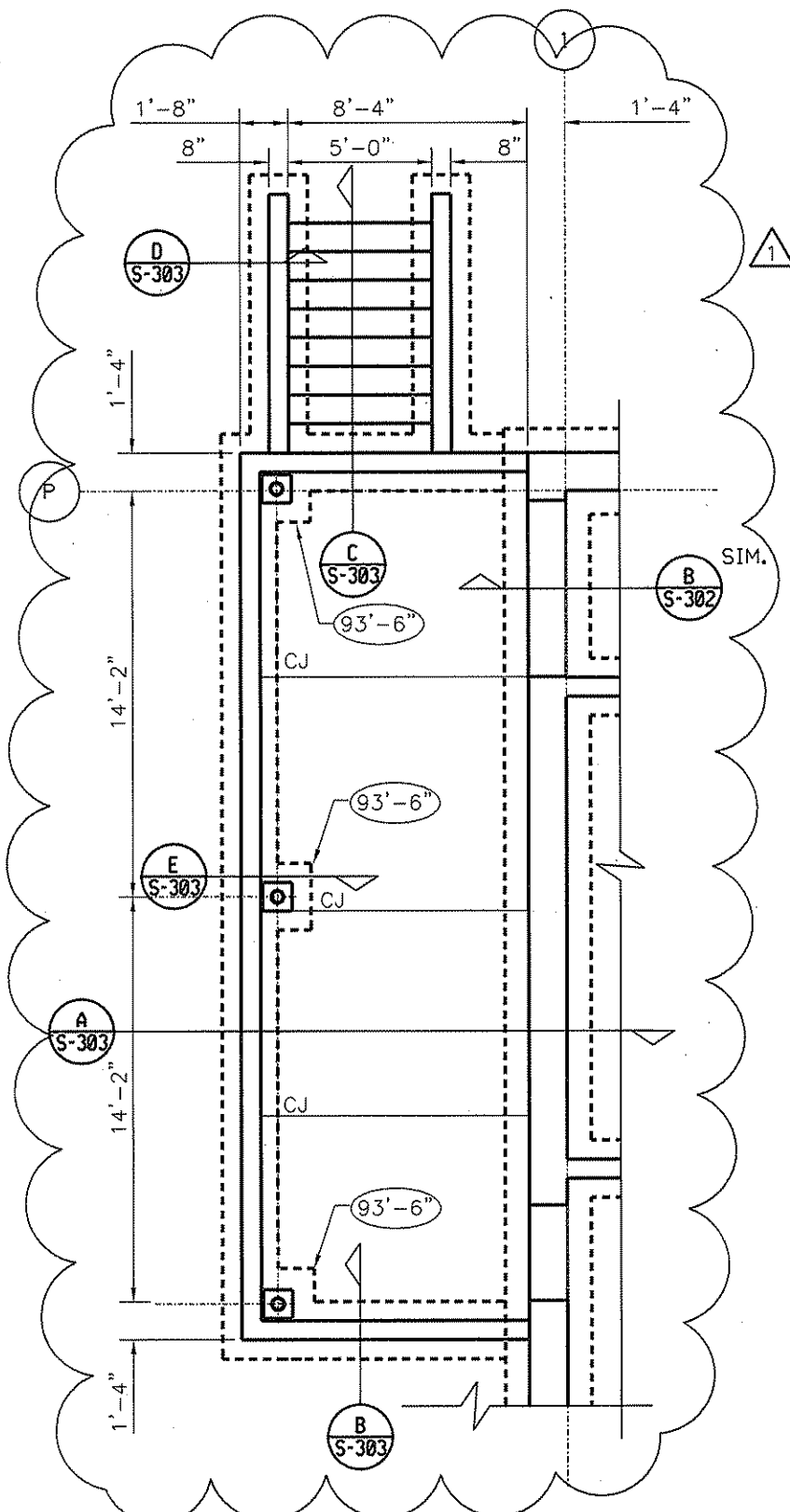
3.3 INSTALLATION

- A. Locate and place louvers and vents level, plumb, and at indicated alignment with adjacent work.
- B. Use concealed anchorages where possible. Provide brass or lead washers fitted to screws where required to protect metal surfaces and to make a weathertight connection.
- C. Form closely fitted joints with exposed connections accurately located and secured.
- D. Provide perimeter reveals and openings of uniform width for sealants and joint fillers, as indicated.
- E. Repair finishes damaged by cutting, welding, soldering, and grinding. Restore finishes so no evidence remains of corrective work. Return items that cannot be refinished in the field to the factory, make required alterations, and refinish entire unit or provide new units.
- F. Protect unpainted galvanized and nonferrous-metal surfaces that will be in contact with concrete, masonry, or dissimilar metals from corrosion and galvanic action by applying a heavy coating of bituminous paint or by separating surfaces with waterproof gaskets or nonmetallic flashing.
- G. Install concealed gaskets, flashings, joint fillers, and insulation as louver installation progresses, where weathertight louver joints are required. Comply with Division 7 Section "Joint Sealants" for sealants applied during louver installation.

3.4 ADJUSTING AND CLEANING

- A. Clean exposed surfaces of louvers and vents that are not protected by temporary covering, to remove fingerprints and soil during construction period. Do not let soil accumulate during construction period.
- B. Before final inspection, clean exposed surfaces with water and a mild soap or detergent not harmful to finishes. Thoroughly rinse surfaces and dry.
- C. Restore louvers and vents damaged during installation and construction so no evidence remains of corrective work. If results of restoration are unsuccessful, as determined by Architect, remove damaged units and replace with new units.
 - 1. Touch up minor abrasions in finishes with air-dried coating that matches color and gloss of, and is compatible with, factory-applied finish coating.

END OF SECTION 10200



ENLARGED PARTIAL
FOUNDATION PLAN

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

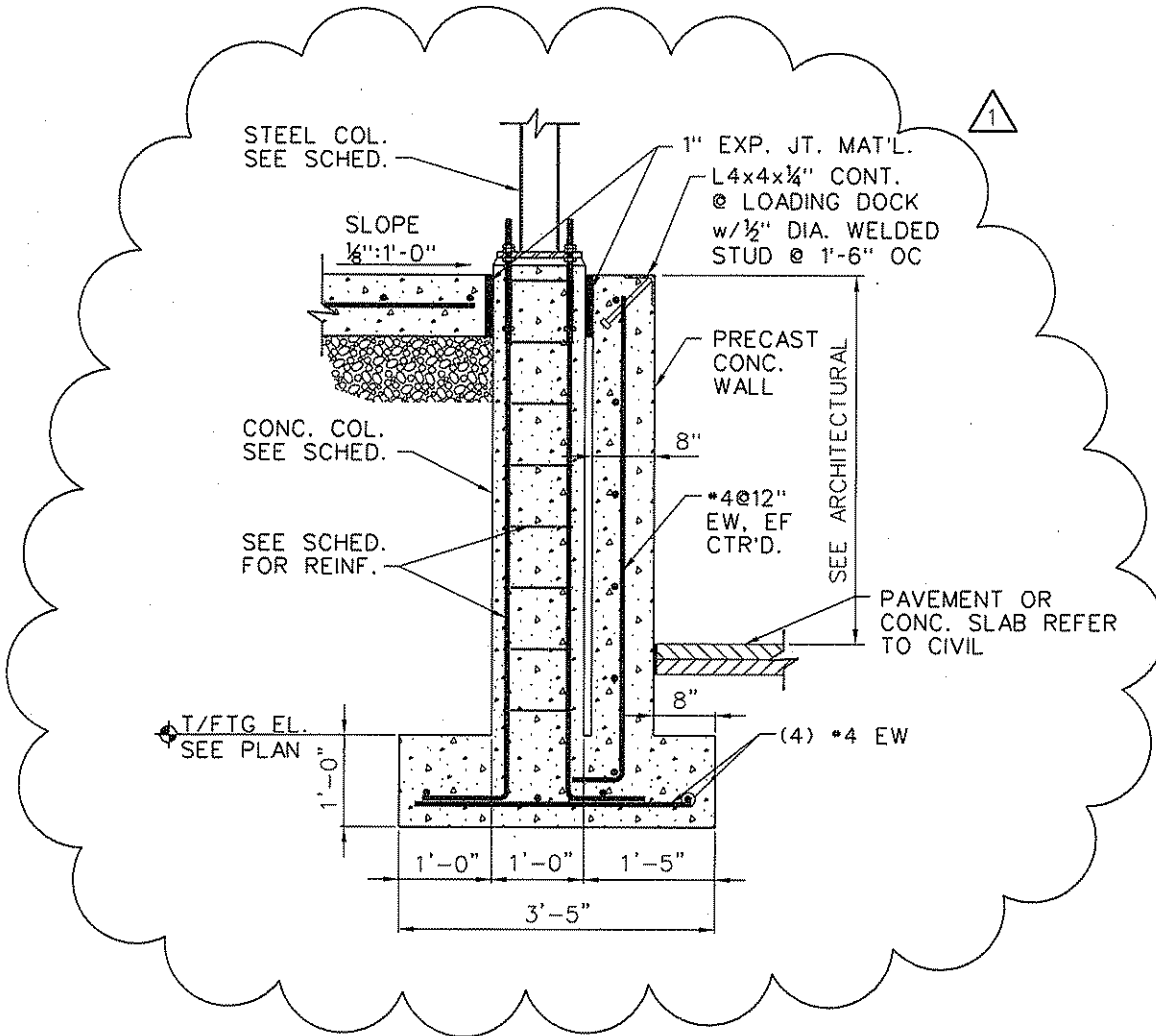
Mason & Hanger
A Day & Zimmermann Company

ADDENDUM #001

KINGWOOD READINESS CENTER
KINGWOOD, WV
S-303 REVISIONS

DESIGNED BY:	DCD
DRAWN BY:	RLI
CHECKED BY:	DCD
REVISION DATE:	08/07/06

SHEET NUMBER:
SD-S-001



E SECTION
S-303 SCALE: 3/4" = 1'-0"

DESIGNED BY:	DCD
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CHECKED BY:	DCD
REVISION DATE:	08/07/06

SHEET NUMBER:
SD-S-002

S-303 REVISIONS

KINGWOOD READINESS CENTER
KINGWOOD, WV

ADDENDUM *001



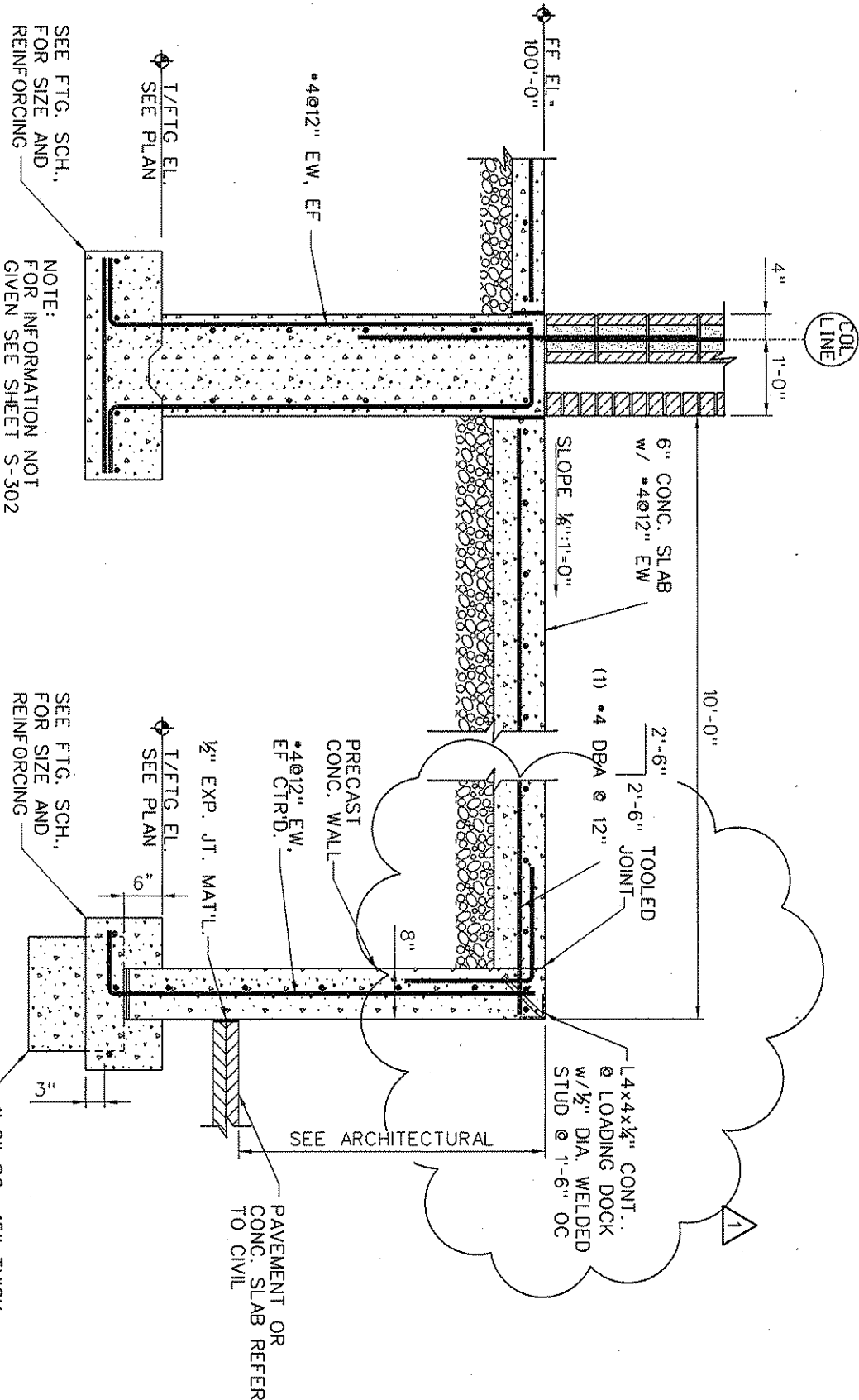
SEE FTG. SCH.,
FOR SIZE AND
REINFORCING

NOTE:
FOR INFORMATION NOT
GIVEN SEE SHEET S-302

SEE FTG. SCH.,
FOR SIZE AND
REINFORCING

1'-6" SQ x15" THICK
ERECTOR PADS @ 8'-0"
OC, CENTERED ON WALL

A SECTION
SCALE: 3/4" = 1'-0"



COL LINE

L4x4x1/4" CONT.
@ LOADING DOCK
w/ 1/2" DIA. WELDED
STUD @ 1'-6" OC

SEE ARCHITECTURAL

PAVEMENT OR
CONC. SLAB REFER
TO CIVIL

1/2 FTG. EL.
SEE PLAN

FF. EL.
100'-0"

*4#12" EW, EF

6" CONC. SLAB
w/ *4#12" EW

SLOPE 1/2":1'-0"

(1) *4 DBA @ 12"

TOOLED
JOINT

1/2" EXP. JT. MAT'L.

*4#12" EW,
EF CTR'D.

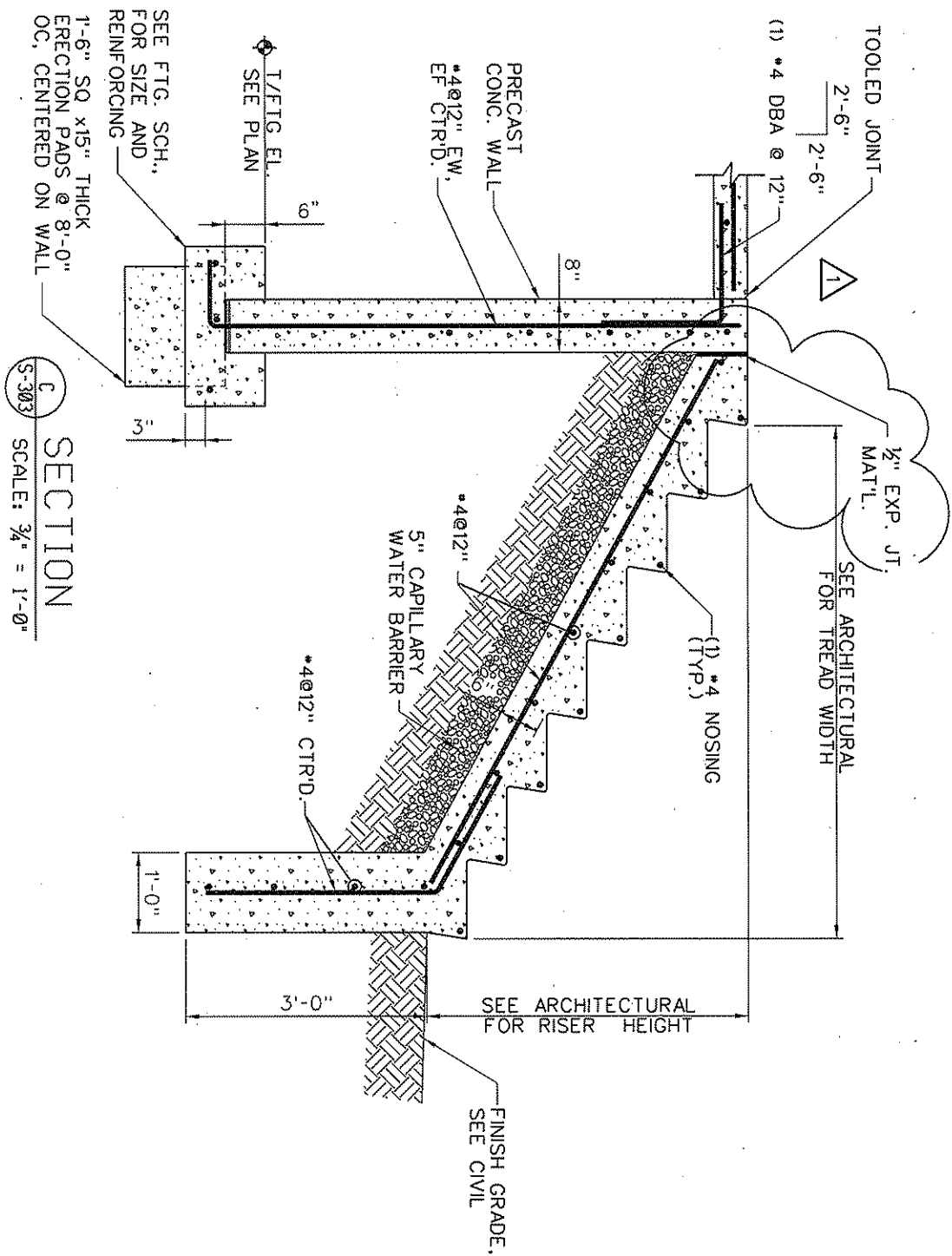
1/2 FTG. EL.
SEE PLAN

3"

8"

10'-0"

4"
1'-0"



C
SECTION
SCALE: 3/4" = 1'-0"

SEE FIG. SCH.,
FOR SIZE AND
REINFORCING

1/4 FIG. EL.
SEE PLAN

PRECAST
CONC. WALL
#4@12" EW,
EF CTR'D.

TOOLED JOINT
2'-6"
2'-6"
(1) #4 DBA @ 12"

1/2" EXP. JT.
MATL.

SEE ARCHITECTURAL
FOR TREAD WIDTH

(1) #4
(TYP.)
NOSING

5" CAPILLARY
WATER BARRIER

#4@12" CTR'D.

SEE ARCHITECTURAL
FOR RISER HEIGHT

FINISH GRADE,
SEE CIVIL

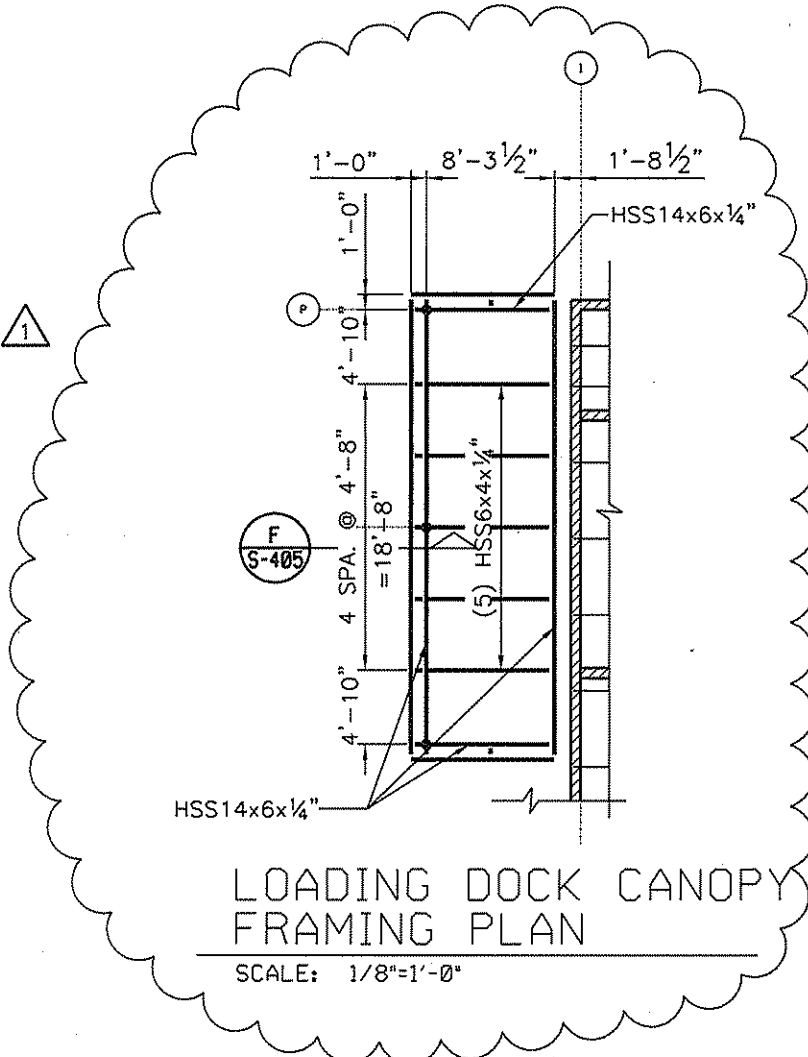
1-6" SQ x 15" THICK
ERECTION PADS @ 8'-0"
OC, CENTERED ON WALL

DESIGNED BY:	DCD
DRAWN BY:	RLL
CHECKED BY:	DCD
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SHEET NUMBER:	SD-S-004

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KINGWOOD, WV
S-303 REVISIONS

ADDENDUM #001





LOADING DOCK CANOPY
FRAMING PLAN

SCALE: 1/8"=1'-0"

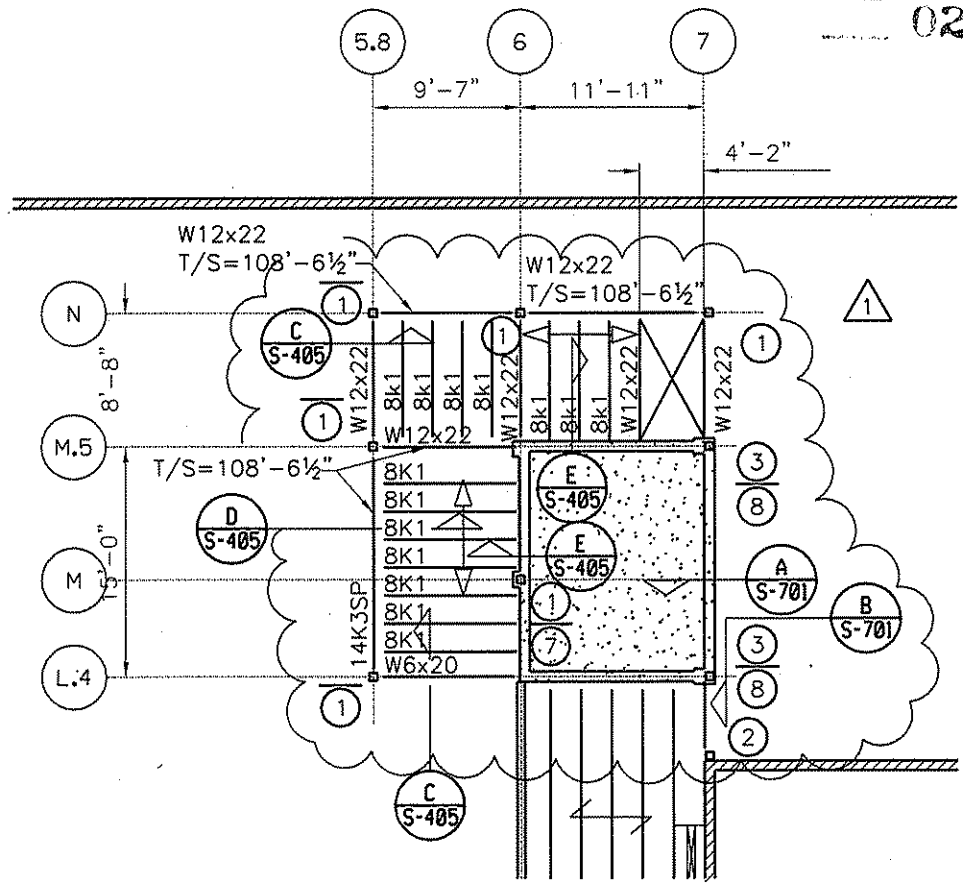
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S-130 REVISIONS

DESIGNED BY:	DCD
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REVISION DATE:	08/07/06




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SD-S-005

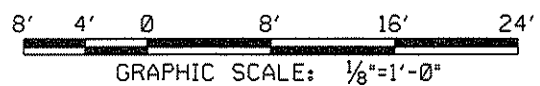


NOTES

8. 14K3SP JOIST SHALL BE DESIGNED BY JOIST MANUFACTURER FOR PANEL POINT LOADS OF DL=1.0K AND LL=0.6K. PANEL POINTS SHALL ALIGN WITH 8K1 JOISTS.

LEGEND

-  INDICATES 8" LOAD BEARING MASONRY WALL REINFORCED w/ (1)#5@32" OC CENTERED IN GROUTED CELL. SEE SHEET S-801 FOR ADDITIONAL DETAILS & REINFORCING.
-  DENOTES COLUMN TYPE, REFER TO COLUMN SCHEDULE ON S-301.
-  INDICATES SPAN OF 3/4" APA RATED PLYWOOD SHEATHING (EXP. 1) OVER COLD FORMED STEEL JOISTS @ 2'-0" MAX. SPACING.



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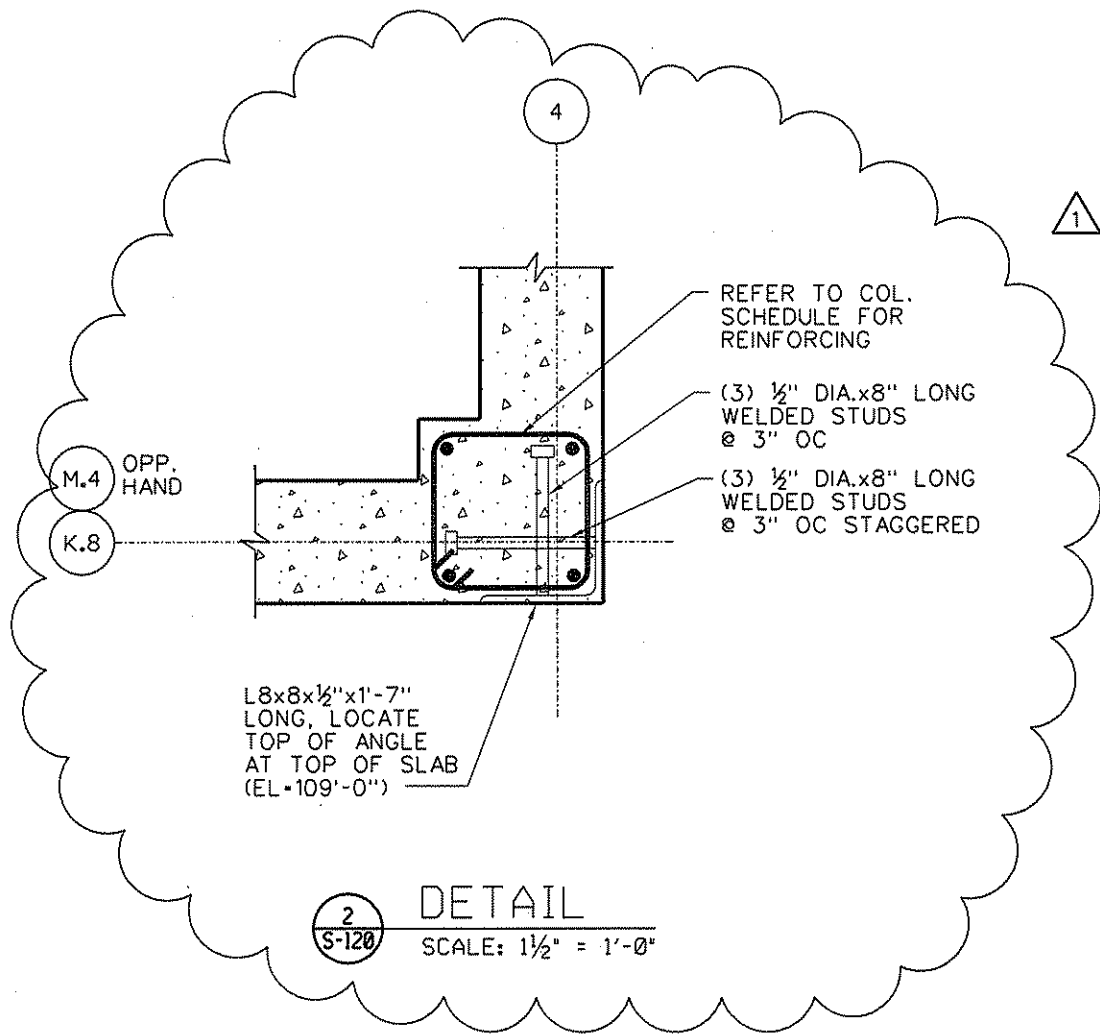
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S-120 REVISIONS

DESIGNED BY:	DCD
DRAWN BY:	RLL
CHECKED BY:	DCD
REVISION DATE:	08/07/06

SHEET NUMBER:
SD-S-006



2
S-120

DETAIL
SCALE: 1 1/2" = 1'-0"

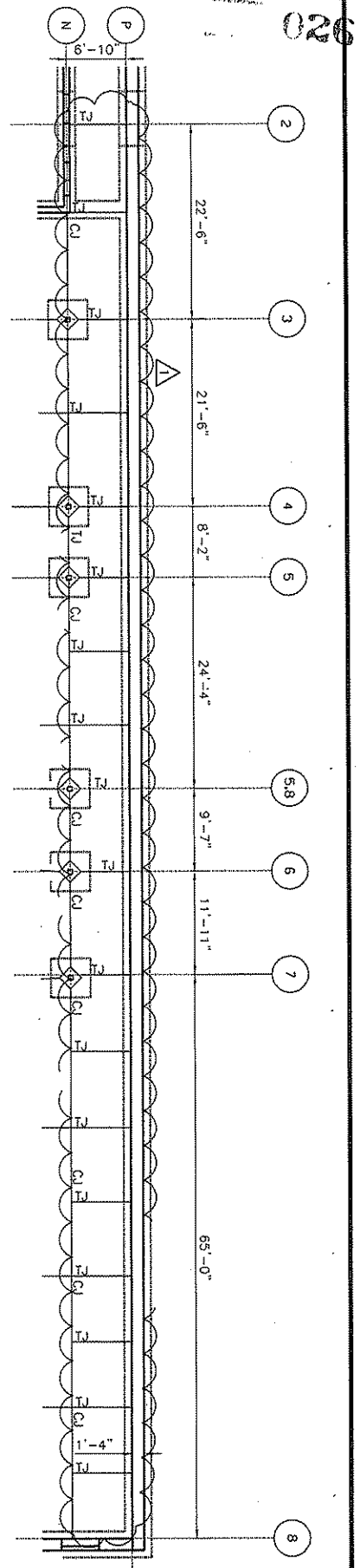
ADDENDUM *001

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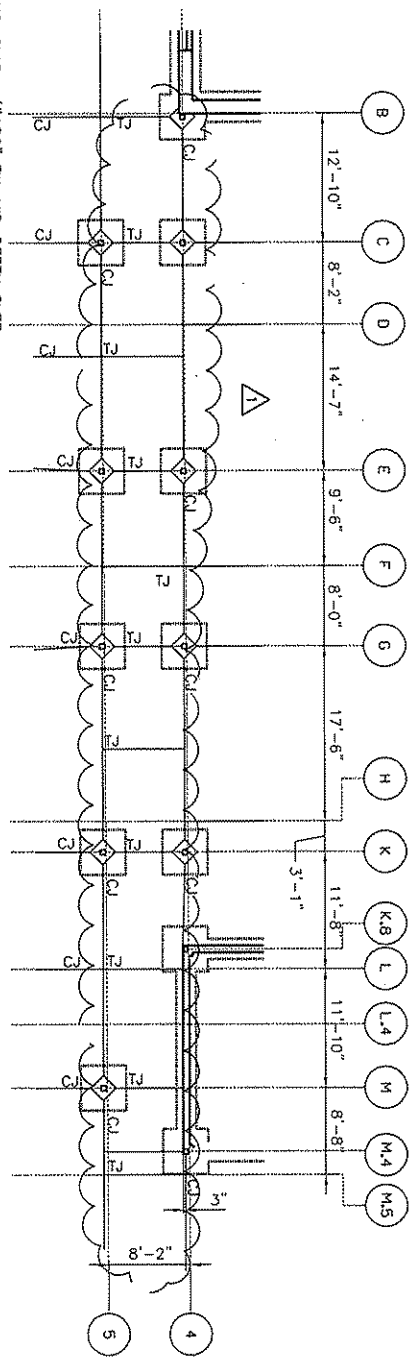
S-701 REVISION

DESIGNED BY:	DCD
DRAWN BY:	RLI
CHECKED BY:	DCD
REVISION DATE:	08/07/06

SHEET NUMBER:
SD-S-007



TOOLED JOINTS AT HALLWAY 102
SCALE: 1/8"=1'-0"



TOOLED JOINTS AT HALLWAY 101
SCALE: 1/8"=1'-0"

- LEGEND**
- DENOTES 6" CONC. SLAB w/#4@9" EW. MID-DEPTH OVER VAPOR BARRIER OVER 5" CAPILLARY WATER BARRIER.
 - DENOTES EQUIPMENT PAD, COORDINATE SIZE & LOCATIONS WITH MECHANICAL DRAININGS.
 - DENOTES COLUMN TYPE. REFER TO COLUMN SCHEDULE ON S-301.
 - DENOTES FOOTING TYPE. REFER TO FOOTING SCHEDULE ON S-301.
 - DENOTES TOOLED JOINT AT HALLWAY

DESIGNED BY:	DCD
DRAWN BY:	RL
CHECKED BY:	DCD
REVISION DATE:	8/9/07/08
SHEET NUMBER:	SD-S-008

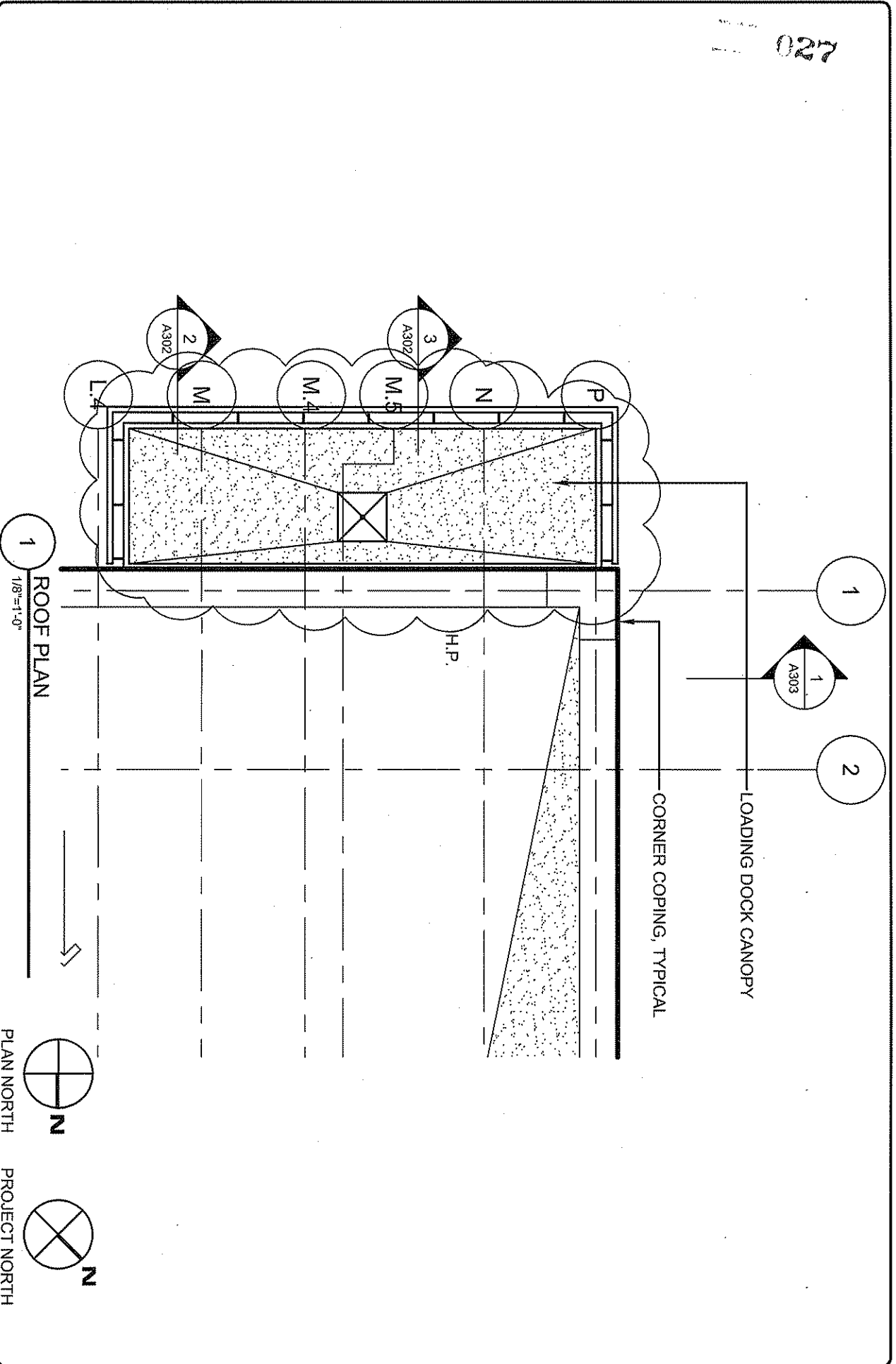
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S-110 REVISIONS

ADDENDUM •001

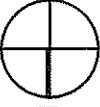



027



1
1/8"=1'-0"

ROOF PLAN

PLAN NORTH  N

PROJECT NORTH  N

LOADING DOCK CANOPY

CORNER COPING, TYPICAL

H.P.

DESIGNED BY:	H. NOUGHANI
DRAWN BY:	K. SPODEN
CHECKED BY:	DCD
REVISION DATE:	08/07/06
SHEET NUMBER:	SD-A-001

KINGWOOD READINESS CENTER
KINGWOOD, WV

A-105 ROOF PLAN

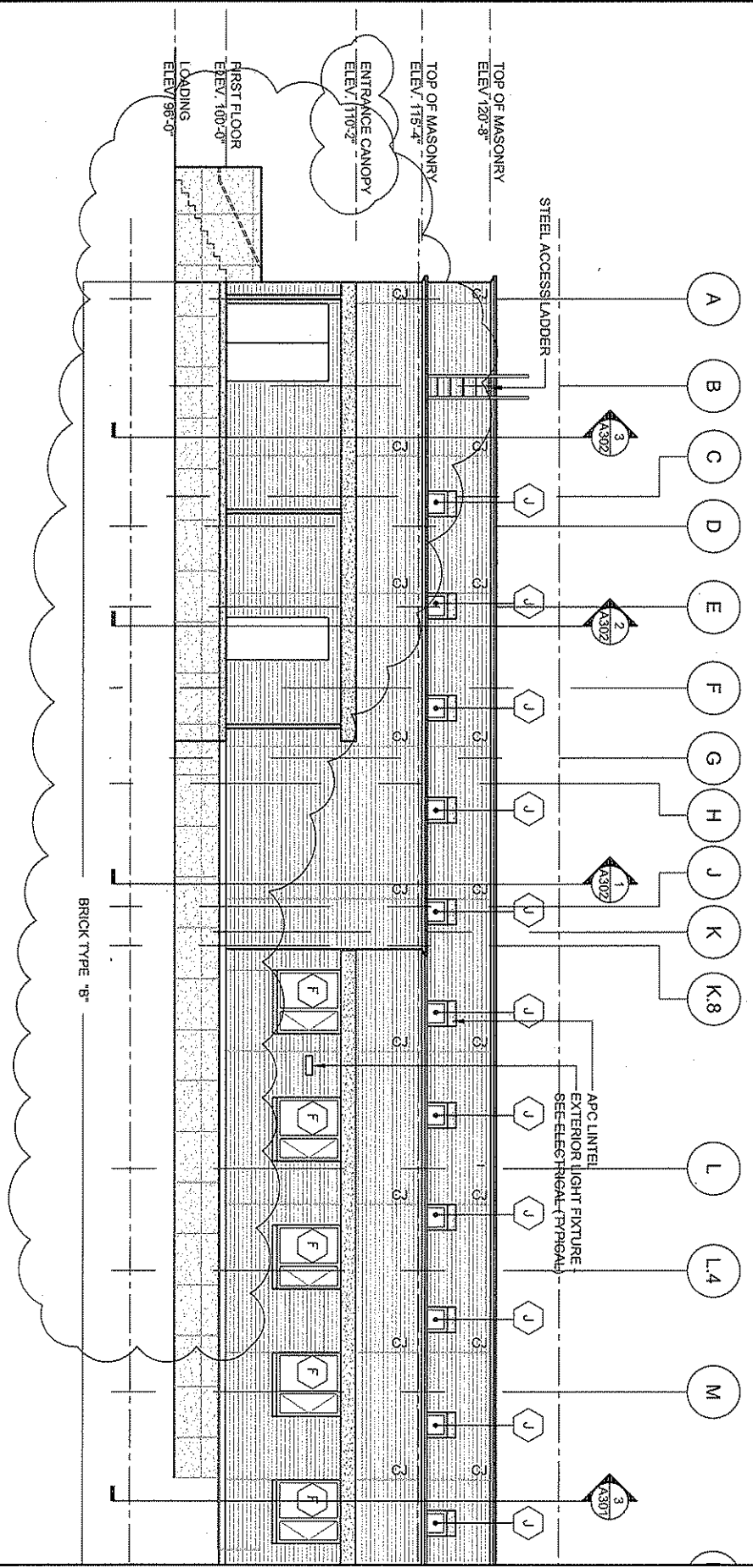
ADDENDUM #001

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A Day & Zimmerman Company

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410 D'Onofrio Drive
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608.827.5047

3 SOUTH ELEVATION
1/8"=1'-0"



SHEET NUMBER
SD-A-002

DESIGNED BY
H. NOURJANI

DRAWN BY
K. SPUDEN

CHECKED BY
DOD

REVISION DATE
08/07/06

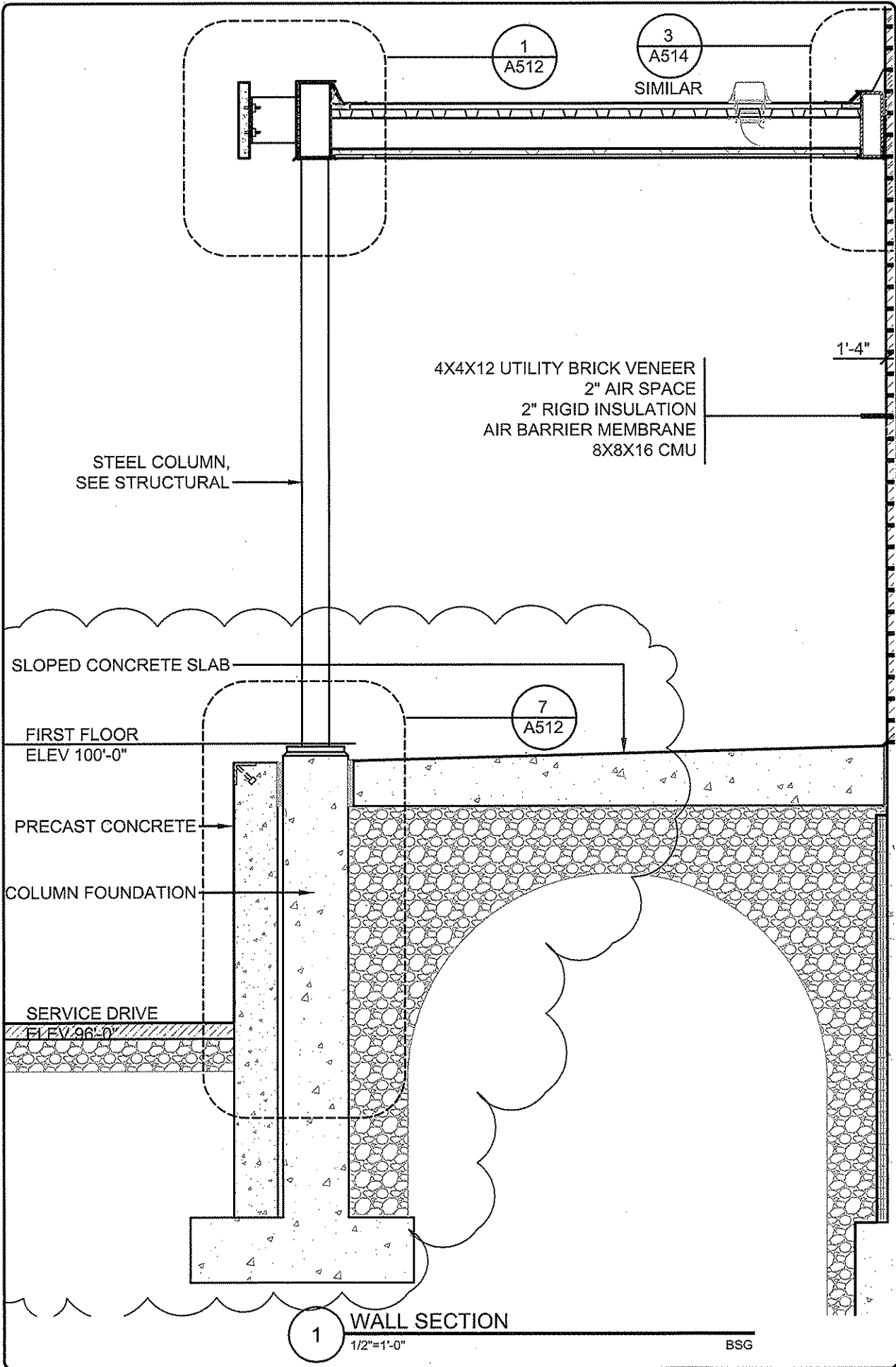
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A-200 BUILDING ELEVATIONS

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ARCHITECTS

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KINGWOOD, WV

A-315 WALL SECTIONS

DESIGNED BY:
H. NOUGHANI

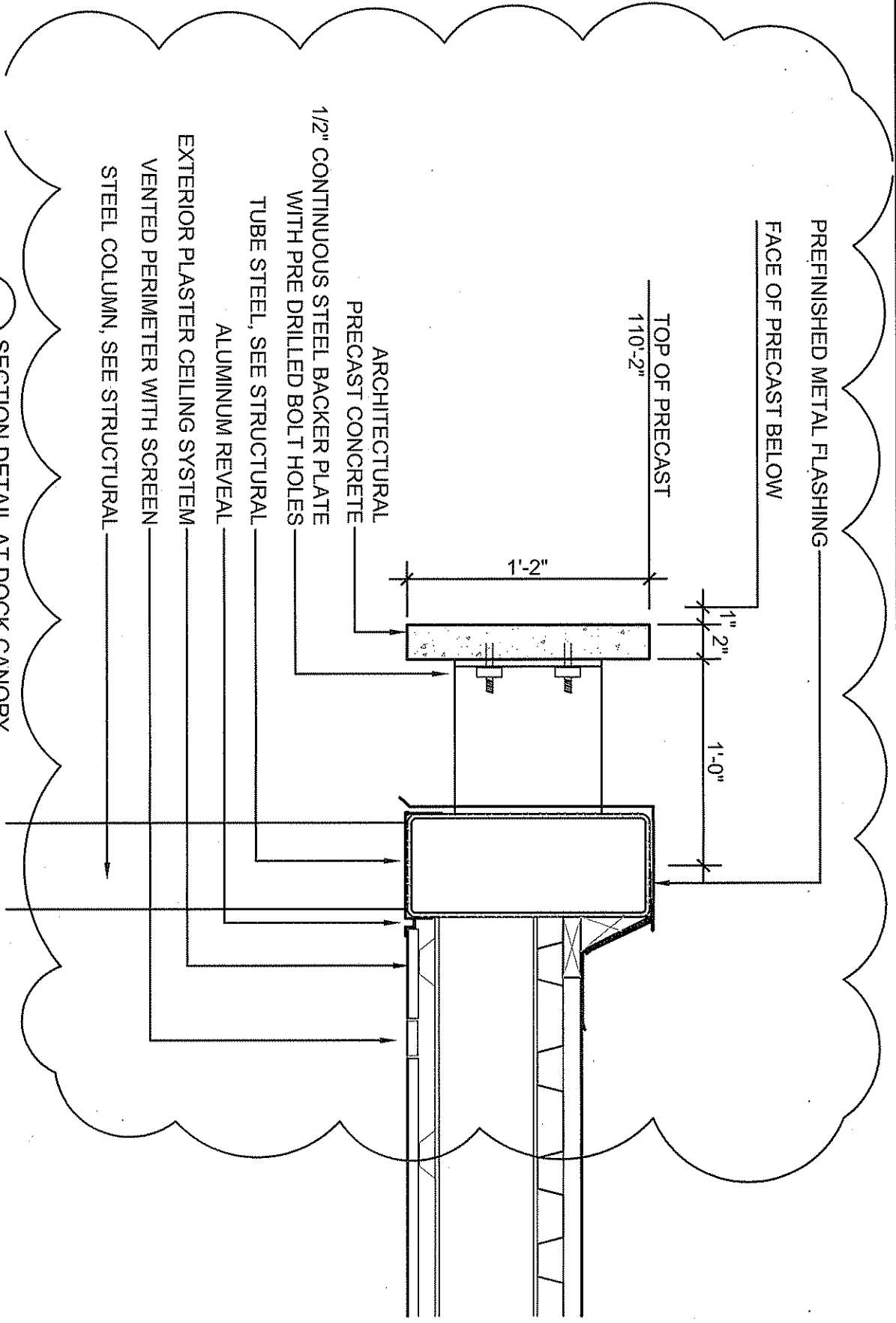
DRAWN BY:
K. SPODEN

CHECKED BY:
DCD

REVISION DATE:
08/07/06

SHEET NUMBER:
SD-A-003

1 WALL SECTION
1/2"=1'-0" BSG



1 SECTION DETAIL AT DOCK CANOPY
1 1/2"=1'-0"

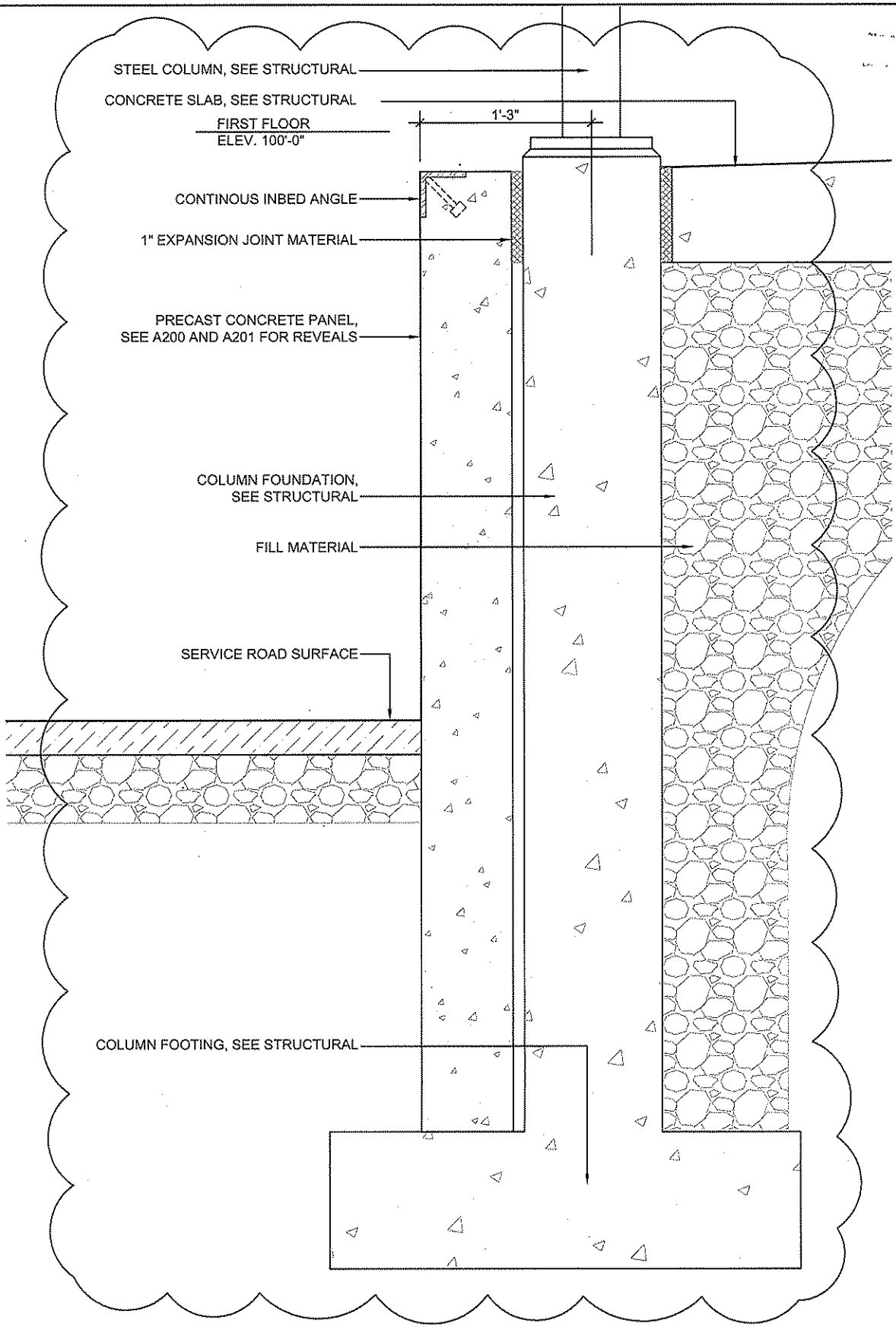
SHEET NUMBER: SD-A-004

DESIGNED BY: H. NOUGHANI
 DRAWN BY: K. SPODEN
 CHECKED BY: DCD
 REVISION DATE: 08/07/06

KINGWOOD READINESS CENTER
 KINGWOOD, WV
 A-512 WALL SECTION DETAILS

ADDENDUM #001

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 A Day & Zimmerman Company
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STEEL COLUMN, SEE STRUCTURAL

CONCRETE SLAB, SEE STRUCTURAL

FIRST FLOOR
ELEV. 100'-0"

1'-3"

CONTINUOUS INBED ANGLE

1" EXPANSION JOINT MATERIAL

PRECAST CONCRETE PANEL,
SEE A200 AND A201 FOR REVEALS

COLUMN FOUNDATION,
SEE STRUCTURAL

FILL MATERIAL

SERVICE ROAD SURFACE

COLUMN FOOTING, SEE STRUCTURAL

7 SECTION DETAIL AT LOADING DOCK
1 1/2"=1'-0"

SHEET NUMBER: SDA-005	REVISION DATE: 08/07/06	DESIGNED BY: H. MOUSAVI	DESIGNED BY: K. SPOODEN
		CHECKED BY: D.C.D.	CHECKED BY: D.C.D.

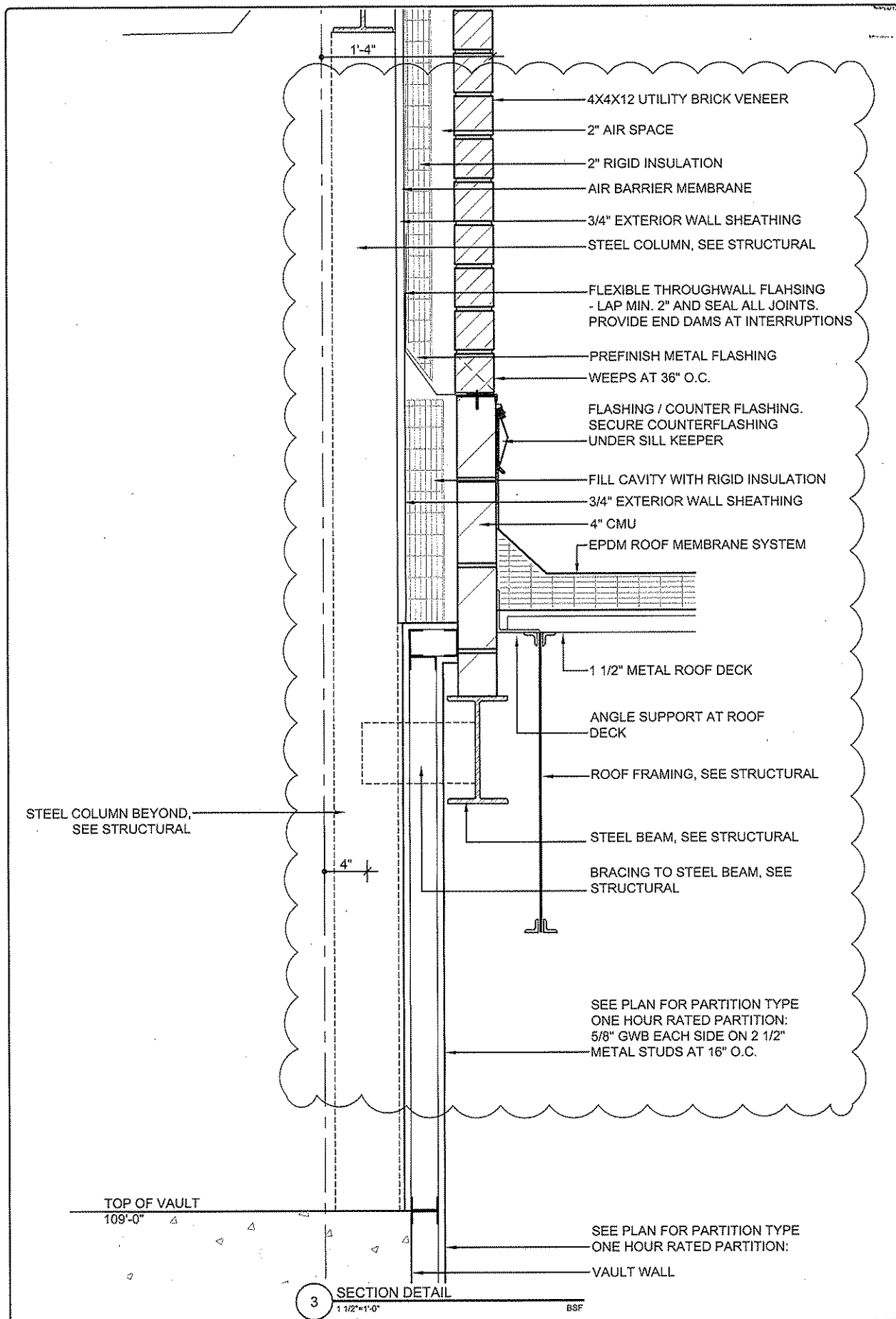
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A-512 WALL SECTION DETAILS

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DATE: 08/07/05	DESIGNED BY: H. NICHOLSON
REVISION DATE: 08/07/05	DRAWN BY: K. SPODEN
	CHECKED BY: DCD
	PROJECT: KINGWOOD READINESS CENTER
	LOCATION: KINGWOOD, WV

KINGWOOD READINESS CENTER
KINGWOOD, WV

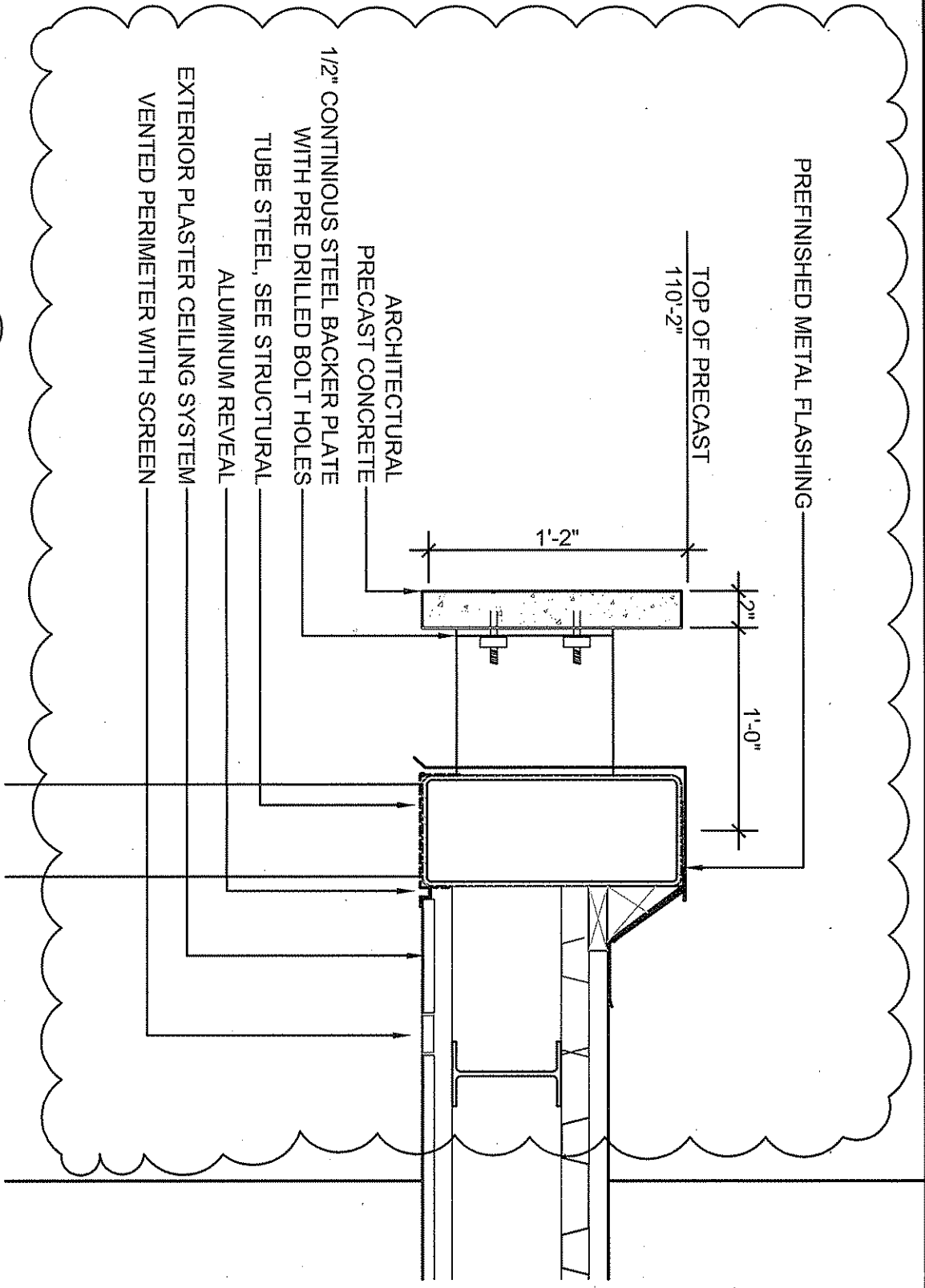
A-513 WALL SECTION DETAILS

ADDENDUM #001

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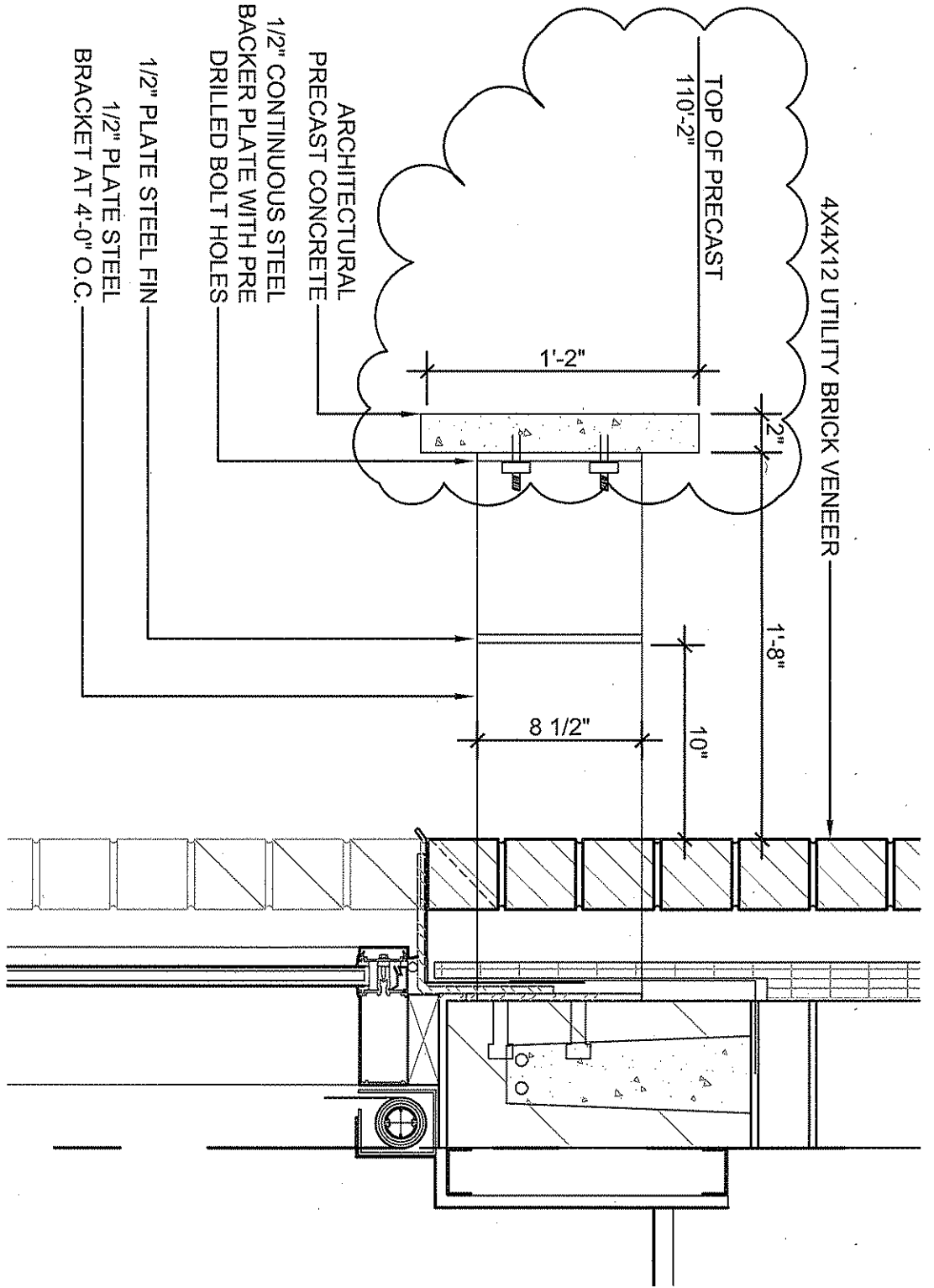
2 SECTION DETAIL AT ENTRANCE CANOPY
 1 1/2" = 1'-0"

DESIGNED BY: H. NOUGHANI	DRAWN BY: K. SPODEN	CHECKED BY: DCD	REVISION DATE: 08/07/06	SHEET NUMBER: SD-A-007
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KINGWOOD READINESS CENTER
 KINGWOOD, WV
 A-514 WALL SECTION DETAILS

ADDENDUM #001

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 A Day & Zimmermann Company
assemblage
 ARCHITECTS
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4 SECTION DETAIL AT SOLAR SHADING
1 1/2"=1'-0"

DESIGNED BY: H. NOUGHANI	DRAWN BY: K. SPODEN	CHECKED BY: DCD	REVISION DATE: 08/07/06	SHEET NUMBER: SD-A-008
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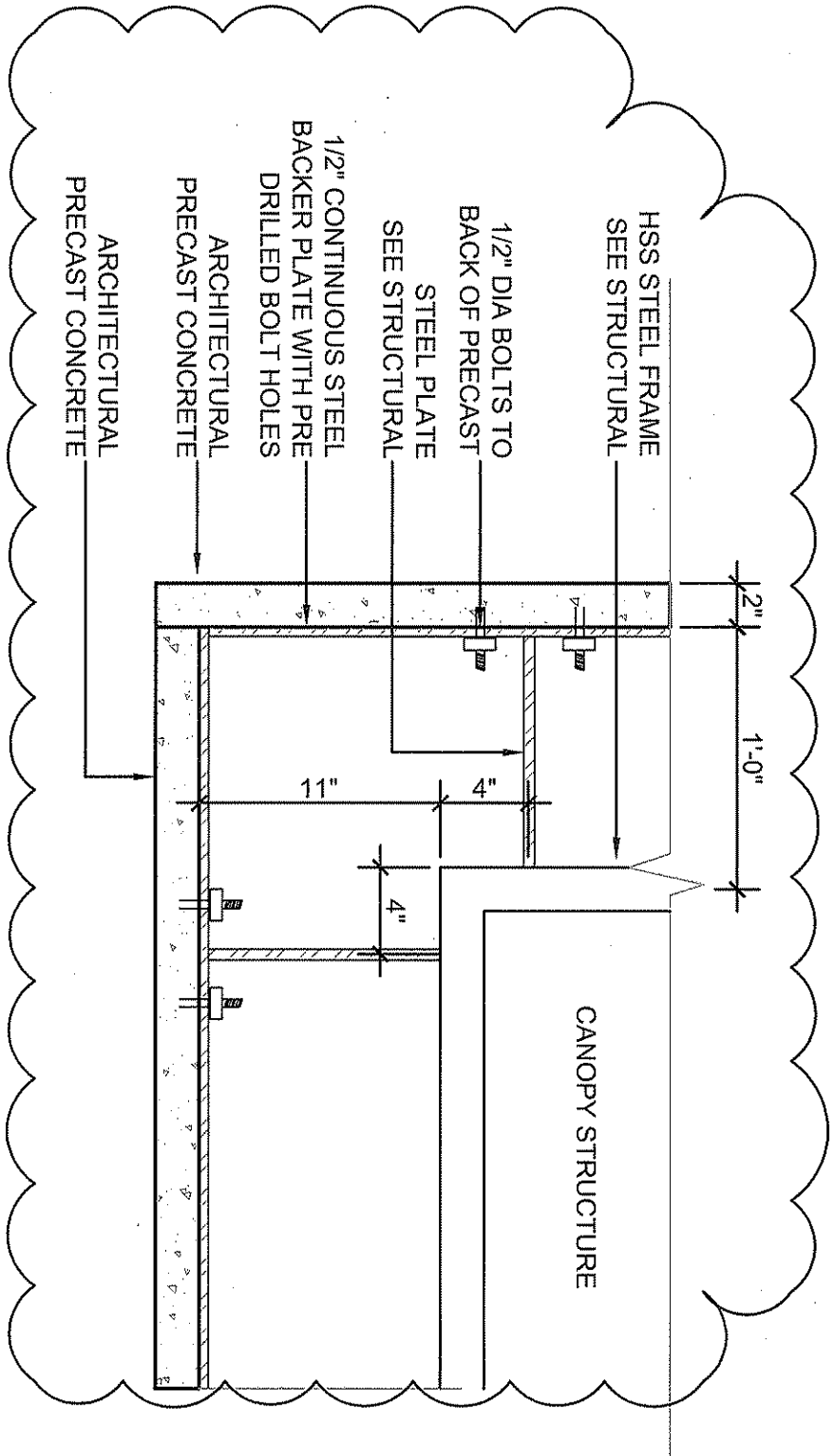
KINGWOOD READINESS CENTER
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A-514 WALL SECTION DETAILS

ADDENDUM #001

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8 CANOPY PLAN DETAIL AT CORNER
 1-1/2"=1'-0"

SD-A-009

SHEET NUMBER:

08/07/06

REVISION DATE:

DCD

CHECKED BY:

K. SPODEN

DRAWN BY:

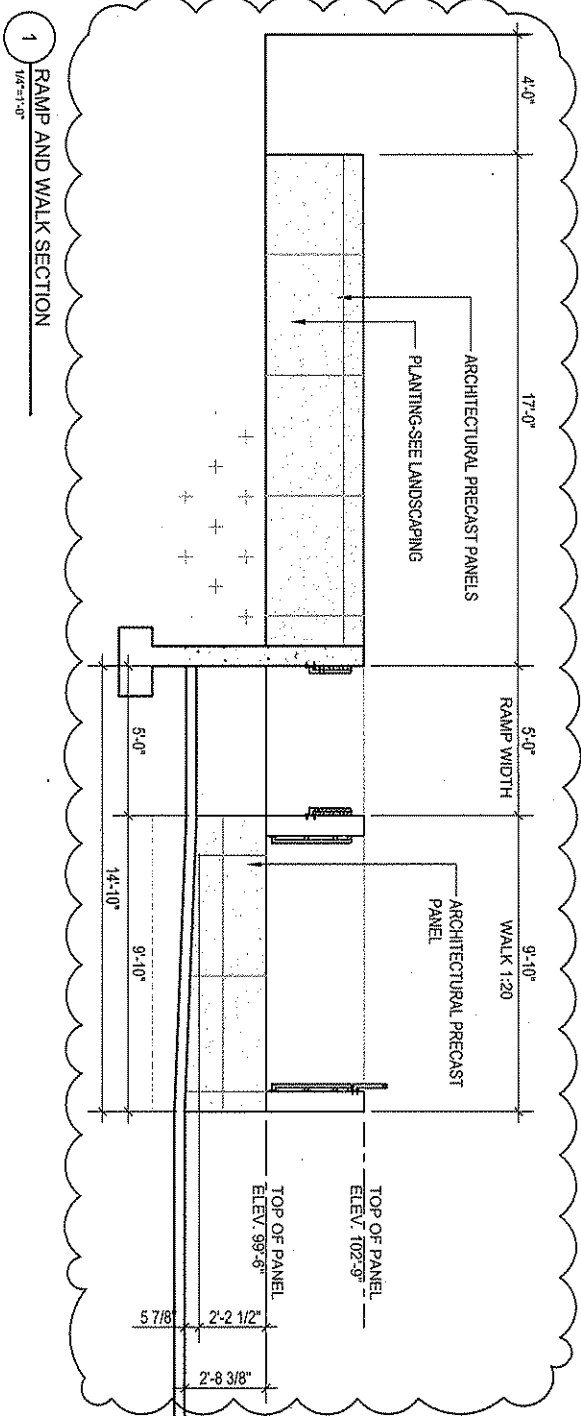
H. NOUGHANI

DESIGNED BY:

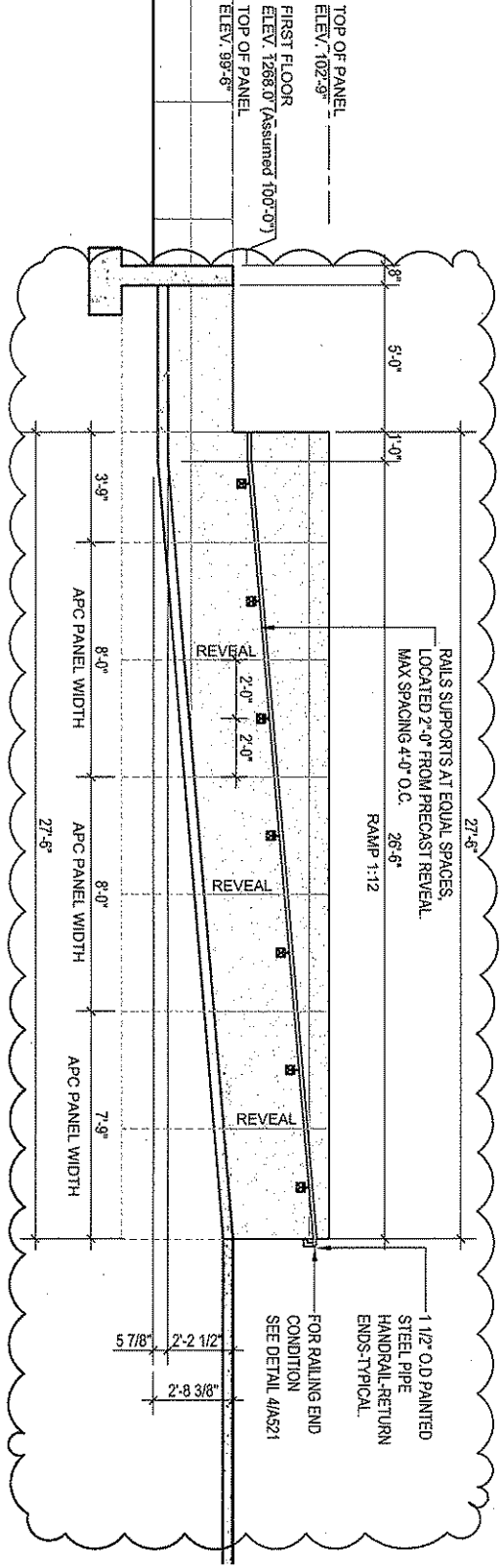
KINGWOOD READINESS CENTER
 KINGWOOD, WV
 A-514 WALL SECTION DETAILS

ADDENDUM #001

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 assemblage ARCHITECTS
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 608.827.5047



1 RAMP AND WALK SECTION
1/4"=1'-0"



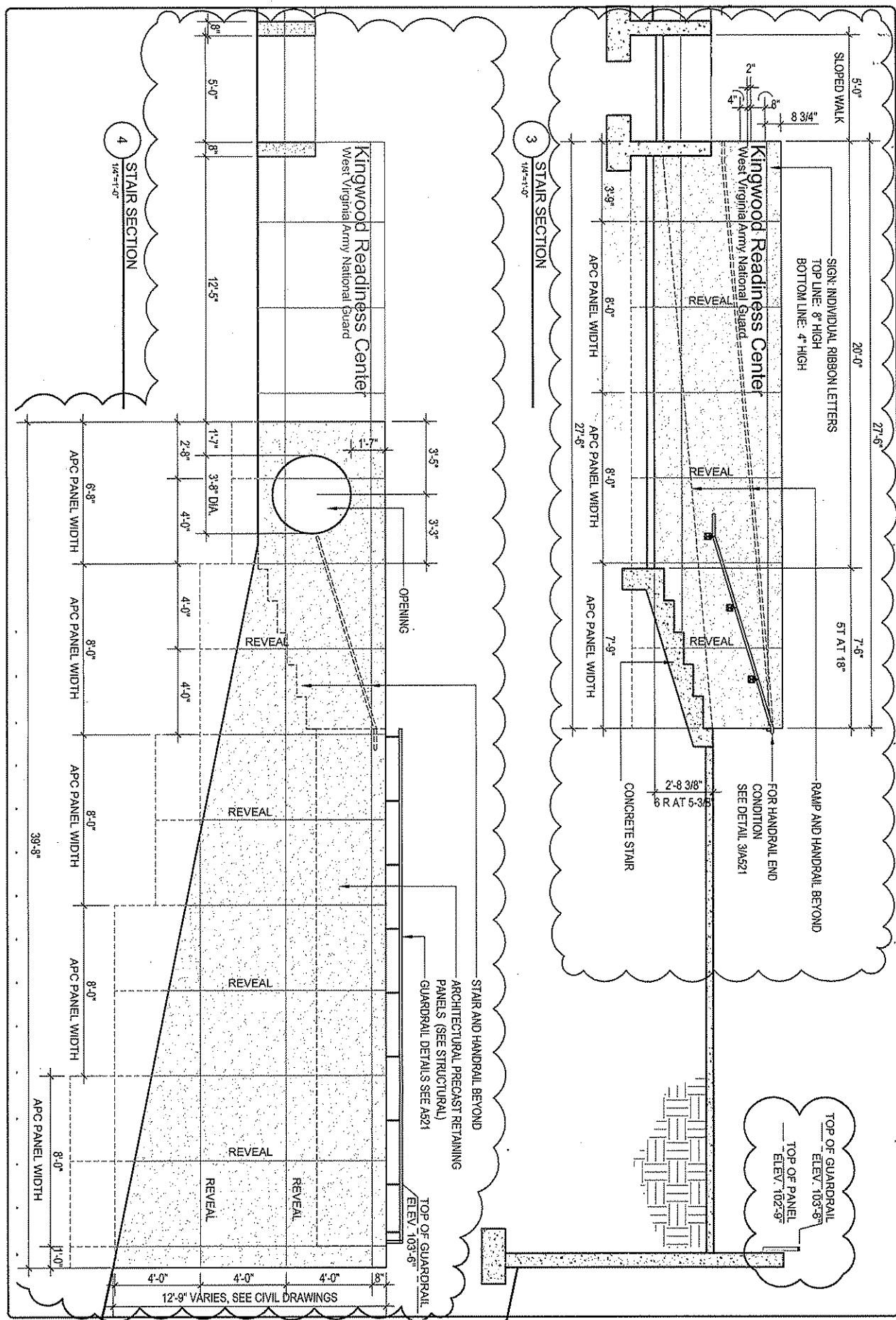
2 RAMP SECTION
1/4"=1'-0"

DESIGNED BY: H. MOUSHARI	DRAWN BY: K. SPEDEN	CHECKED BY: DDO	REVISION DATE: 08/07/06
SHEET NUMBER: SD-A-010			

KINGWOOD READINESS CENTER
KINGWOOD, WV
A-519 RAMP AND STAIR DETAILS

ADDENDUM #001

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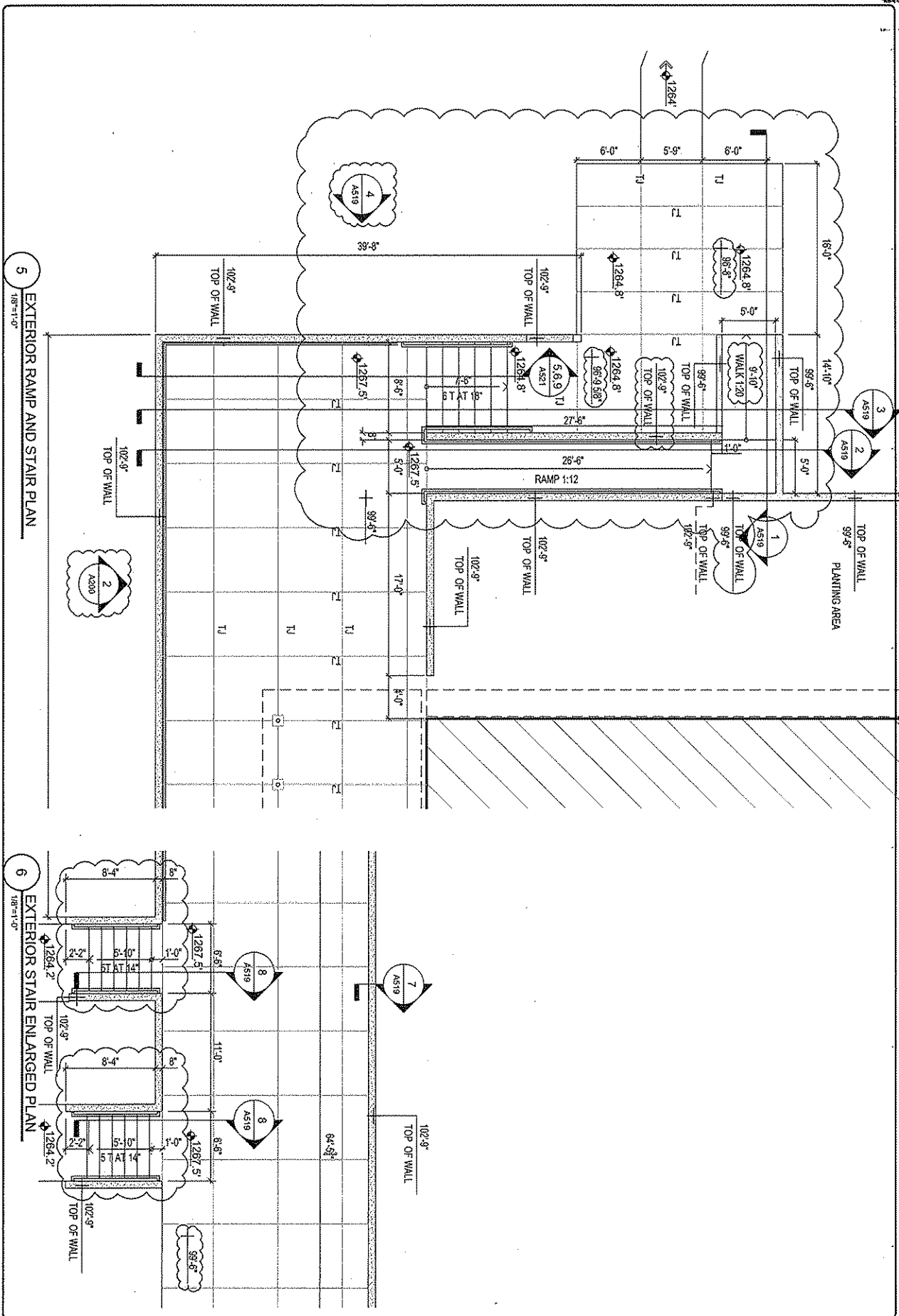


DESIGNED BY: H. KOUSSHANI
 DRAWN BY: K. SPODEN
 ORDERED BY: DCD
 REVISION DATE: 08/07/06
 SHEET NUMBER: SD-A-011

KINGWOOD READINESS CENTER
 KINGWOOD, WV
 A-519 RAMP AND STAIR DETAILS

ADDENDUM #001

Mason & Hanger
 A Day & Zimmerman Company
assemblage
 ARCHITECTS
 410 D'Orofino Drive
 Martinsburg, WV 25719
 608.827.5047



DESIGNED BY H. NOURAHANI
DRAWN BY K. SPUDEN
CHECKED BY DGD
REVISION DATE 08/07/06
SHEET NUMBER SDA-A-012

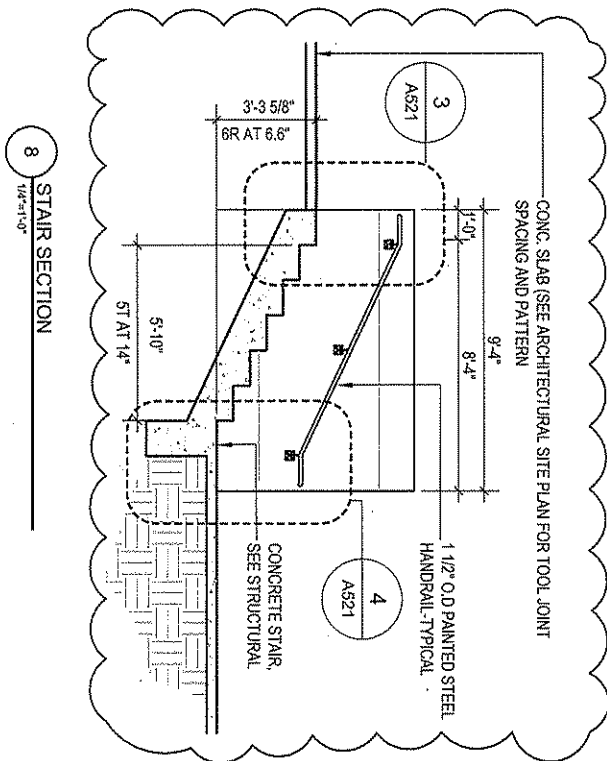
KINGWOOD READINESS CENTER
KINGWOOD, WV

A-519 RAMP AND STAIR DETAILS

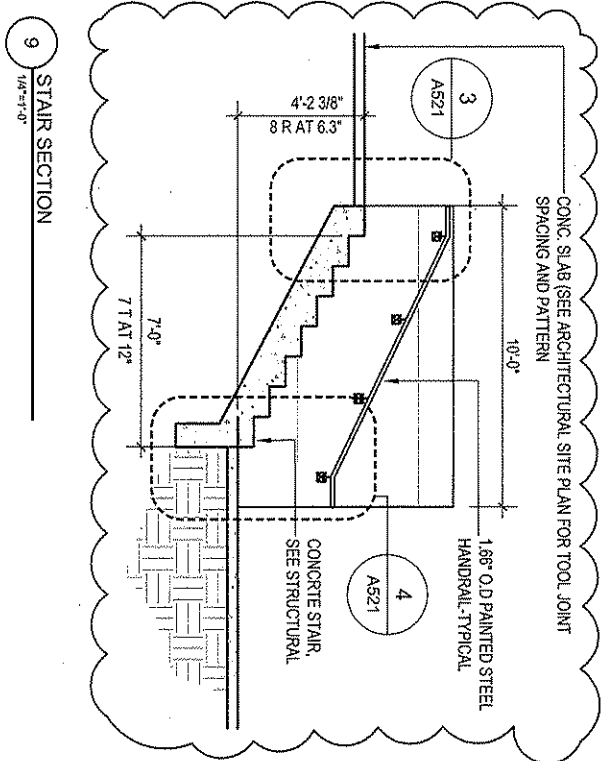
ADDENDUM #001

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A Day & Zimmermann Company

assemblage ARCHITECTS
410 D'Onofrio Drive
Madison, WI 53719
608.827.5047



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



9 STAIR SECTION
1/4" = 1'-0"

DESIGNED BY:	H. NOUGHAN
DRAWN BY:	K. SPODEN
CHECKED BY:	DOJ
REVISION DATE:	09/07/05
SHEET NUMBER:	SD-A-013

KINGWOOD READINESS CENTER
KINGWOOD, WV
A-519 RAMP AND STAIR DETAILS

ADDENDUM #001

Mason & Hanger
A Day & Zimmermann Company
assemblage ARCHITECTS
410 D'Onofrio Drive
Madison, WI 53719
608.827.5047

Mason & Hanger
 A Day & Zimmermann Company

assemblage
 ARCHITECTS

410 D'Onofrio Drive
 Madison, WI 53719
 608.827.5047

ADDENDUM #001

KINGWOOD READINESS CENTER
 KINGWOOD, WV

A-519 RAMP AND STAIR DETAILS

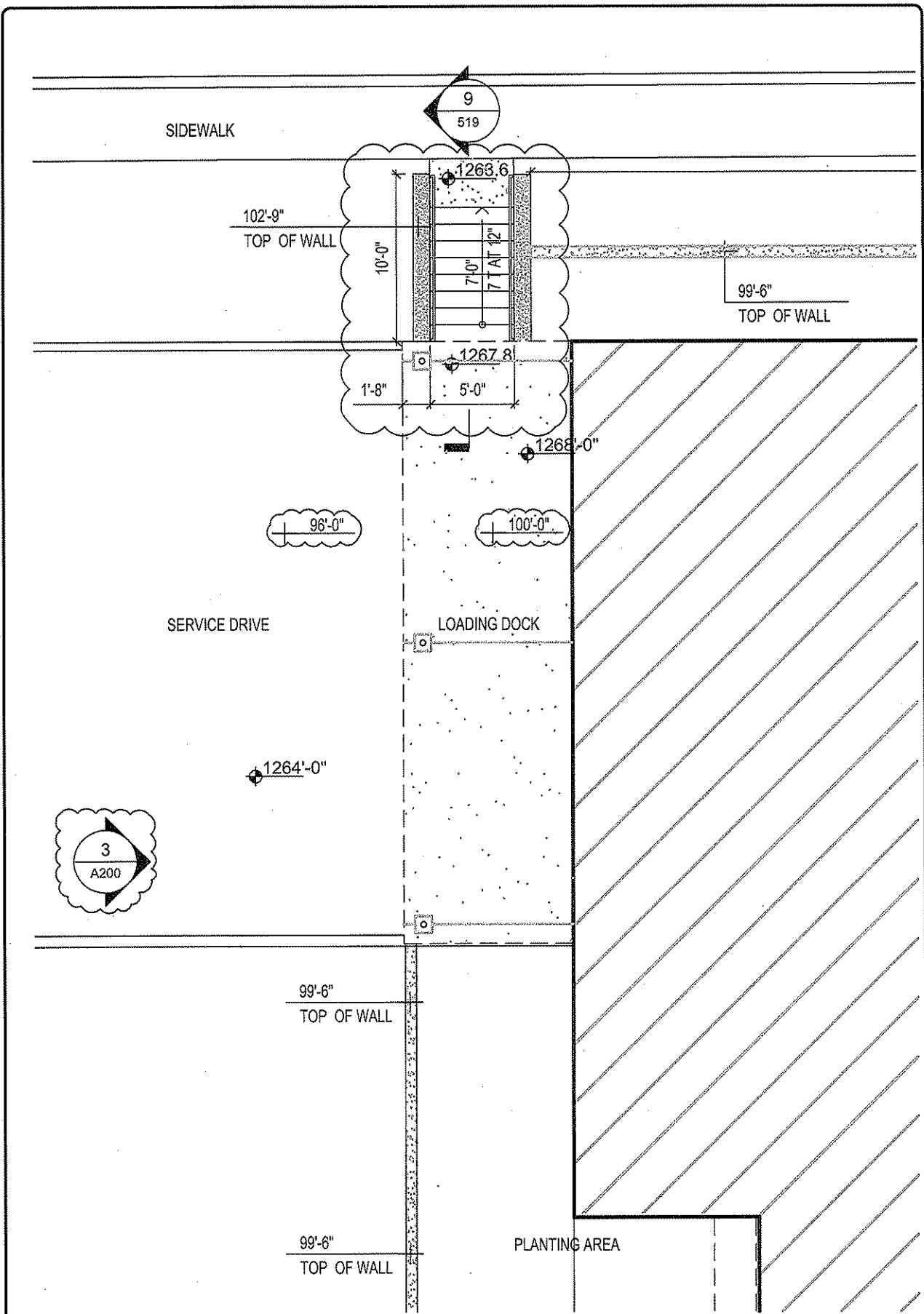
DESIGNED BY:
 H. NOUGHANI

DRAWN BY:
 K. SPODEN

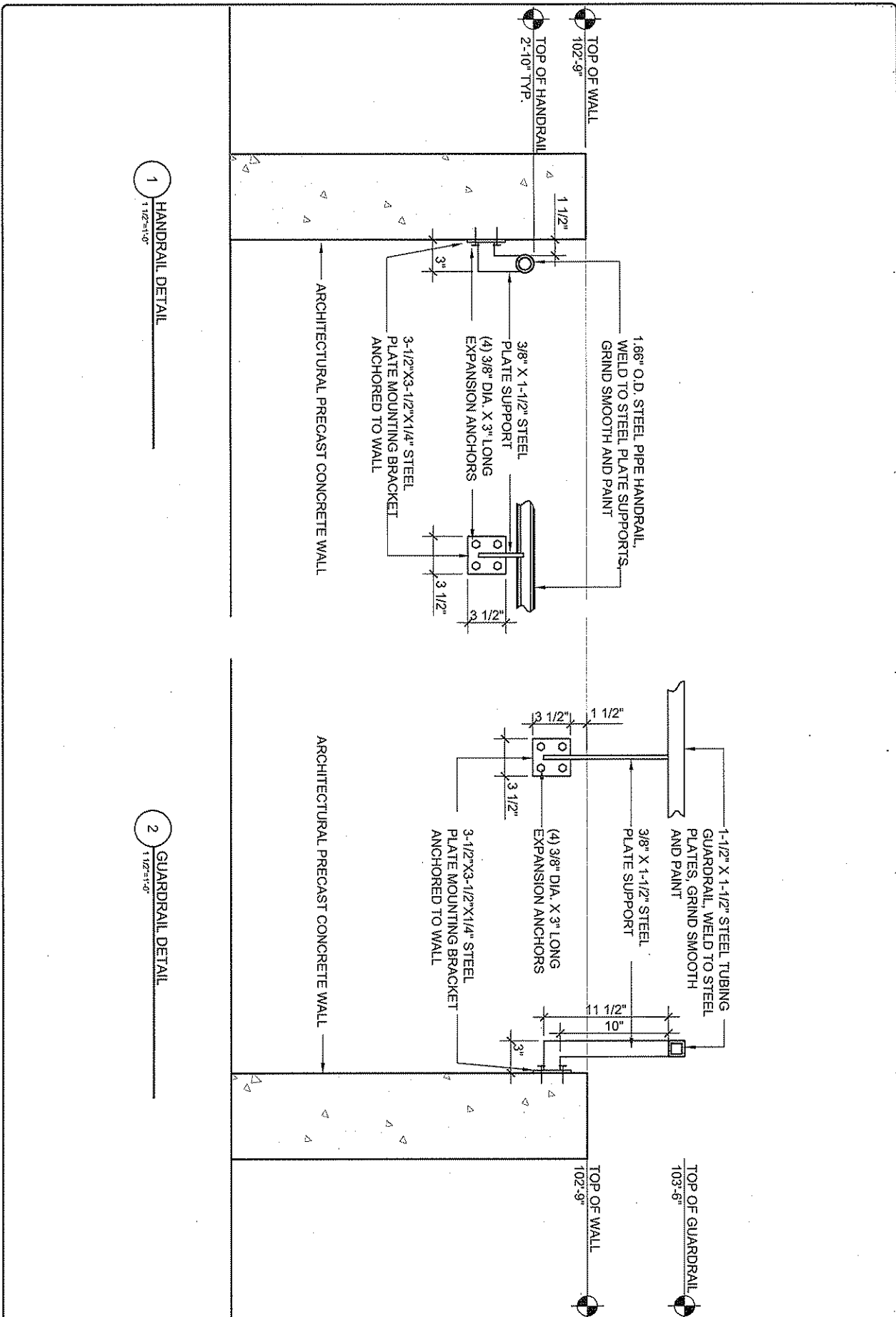
CHECKED BY:
 DCD

REVISION DATE:
 08/07/06

SHEET NUMBER:
 SD-A-014



10 EXTERIOR LOADING DOCK AND STAIR PLAN
 1/8"=1'-0"



1 HANDRAIL DETAIL
1-1/2" x 1-0"

2 GUARDRAIL DETAIL
1-1/2" x 1-0"

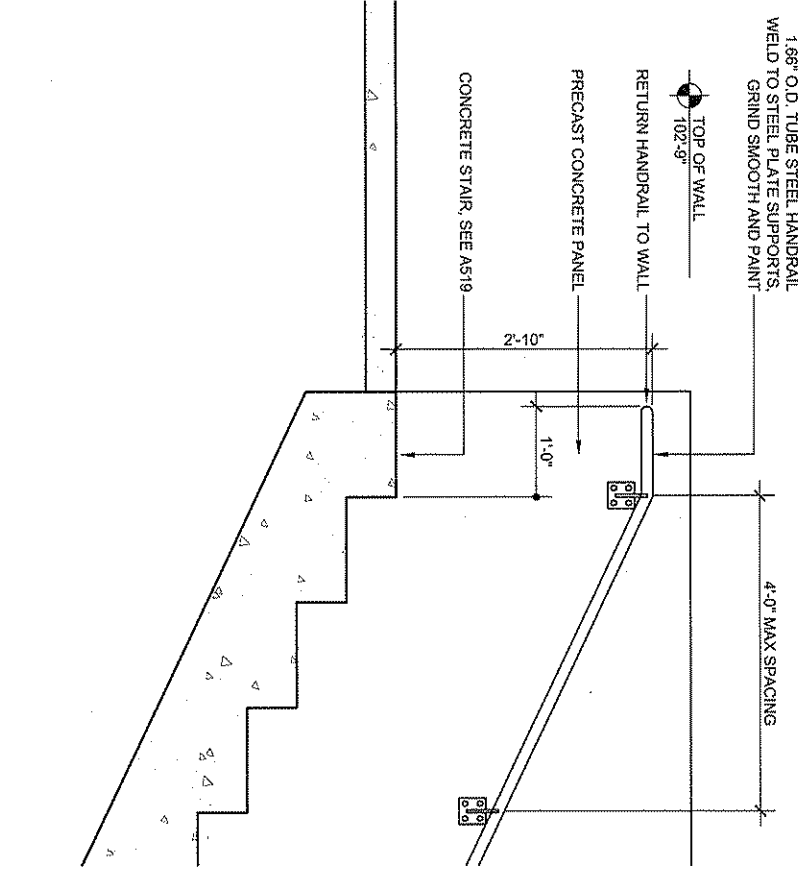
DESIGNED BY:	H. MOUSAVI
DRAWN BY:	K. SPODEN
CHECKED BY:	DDJ
ISSUANCE DATE:	08/07/08
SHEET NUMBER:	SD-A-015

KINGWOOD REACHNESS CENTER
KINGWOOD, WV
A-521 RAILING AND STAIR DETAILS

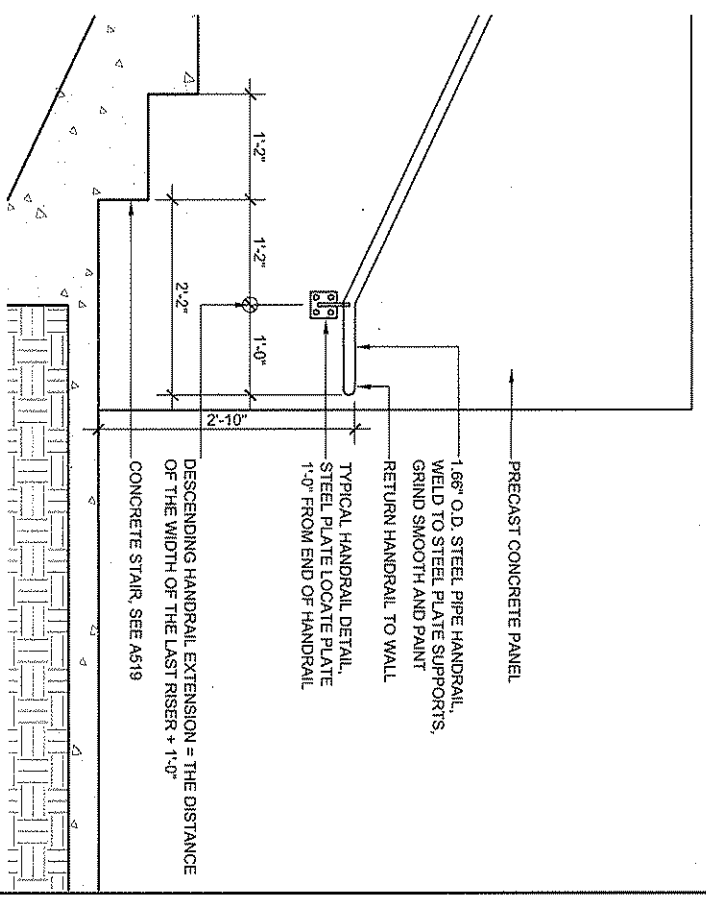
ADDENDUM #001

Mason & Hanger
A Day & Zimmermann Company

assemblage ARCHITECTS
410 D'Onofrio Drive
Madison, WI 53719
608.827.5047



3 STAIR HANDRAIL DETAIL
SCALE = 1/8\"/>



4 STAIR HANDRAIL DETAIL
SCALE = 1/8\"/>

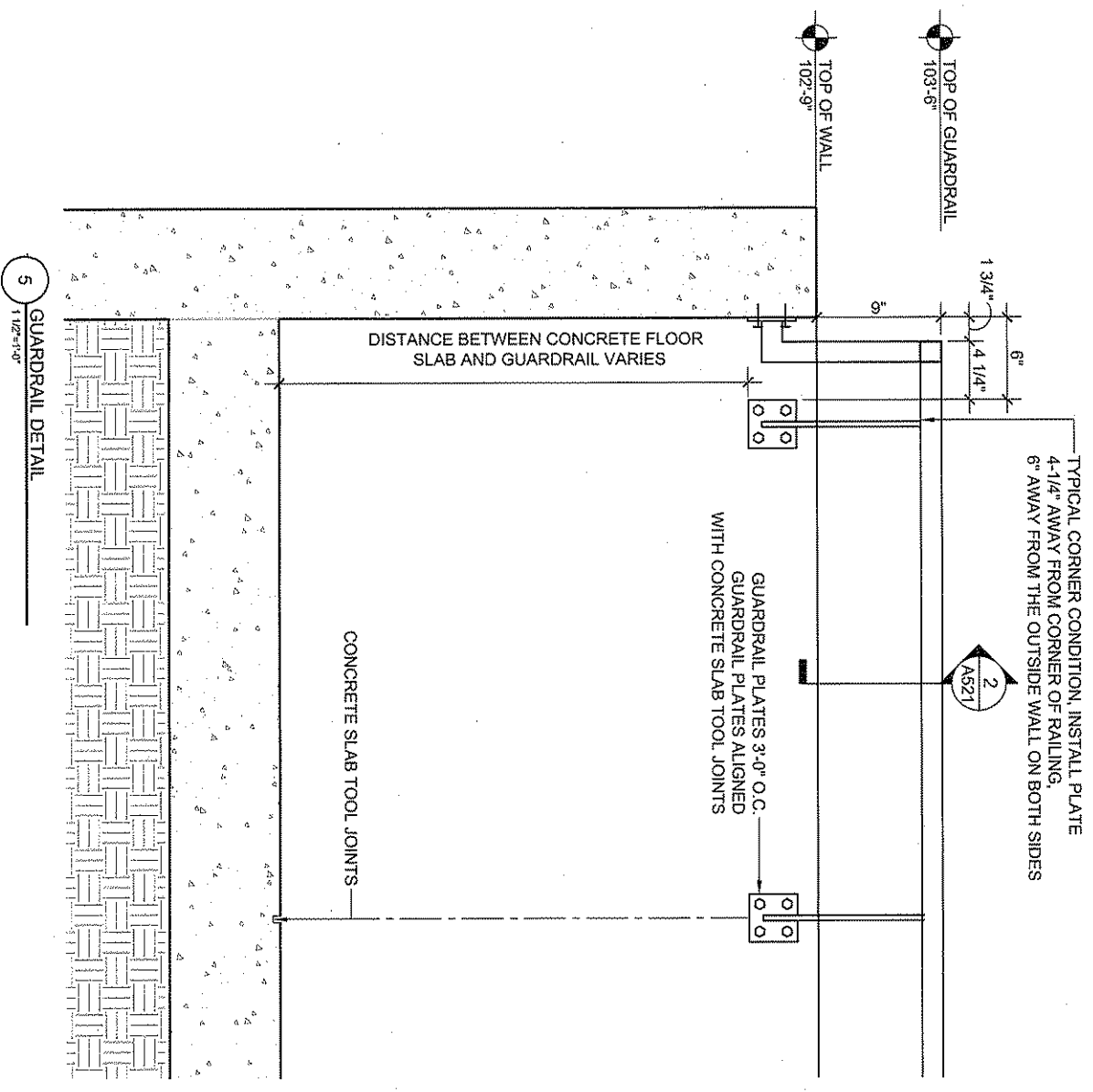
DESIGNED BY:	H. INDUGRIANI
DRAWN BY:	K. SPODEN
CHECKED BY:	DDO
REVISION DATE:	08/07/06
SHEET NUMBER:	SD-A-016

KINGWOOD READINESS CENTER
KINGWOOD, WV
A-521 RAILING AND STAIR DETAILS

ADDENDUM #001

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A Day & Zimmerman Company

assemblage ARCHITECTS
410 D'Onofrio Drive
Madison, WI 53719
608.827.5047



5 GUARDRAIL DETAIL
1 1/2" = 1'-0"

DESIGNED BY: H. NOURCHANI	CHECKED BY: D.D.D.	PROJECT DATE: 08/07/05
DRAWN BY: K. SPUDEN		
SHEET NUMBER: SDA-017		

KINGWOOD READINESS CENTER
KINGWOOD, WV

A-521 RAILING AND STAIR DETAILS

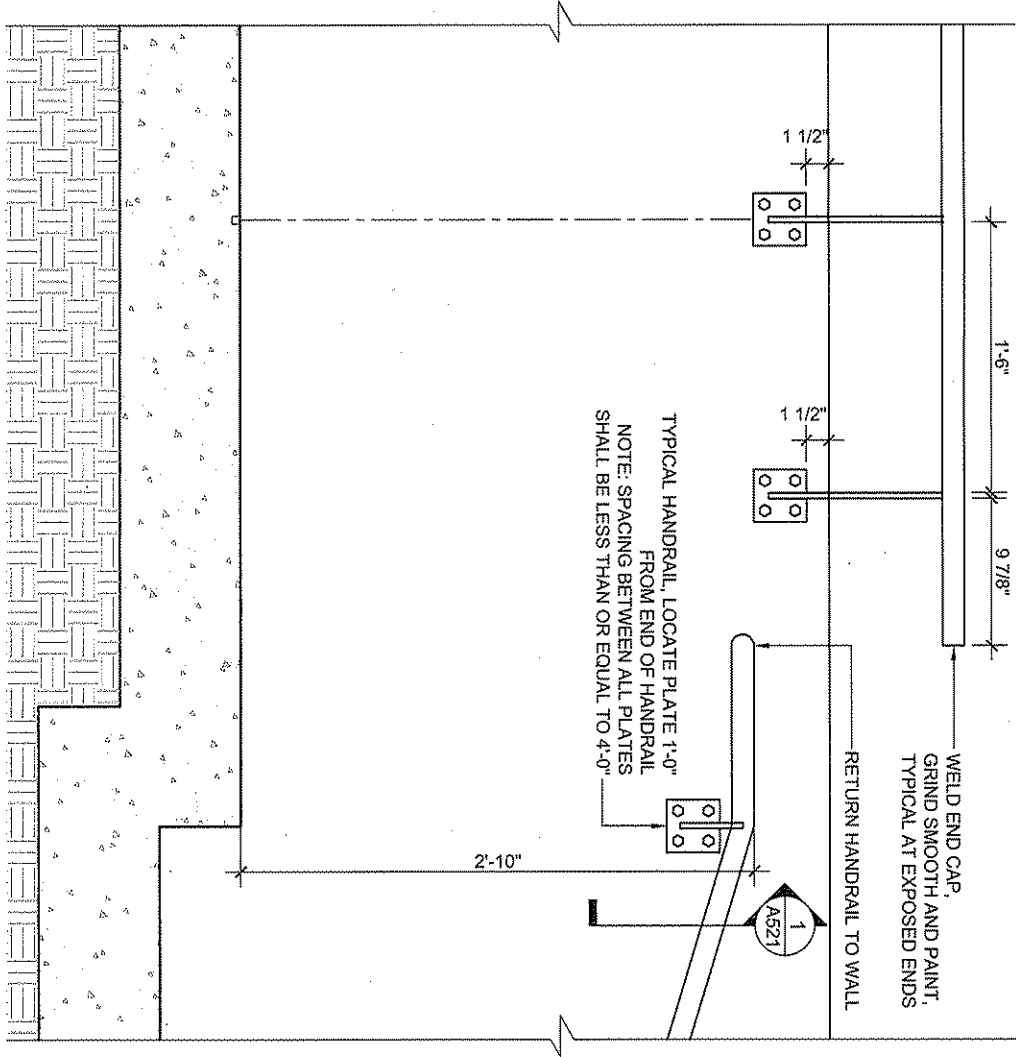
ADDENDUM #001

Mason & Hanger
A Day & Zimmermann Company

assemblage ARCHITECTS

410 D'Onofrio Drive
Madison, WI 53719
608.827.5047

6 GUARDRAIL DETAIL
1 1/2"=1'-0"



DESIGNED BY: H. NOGICHANI
DRAWN BY: K. SPOONEN
CHECKED BY: DDO
REVISION DATE: 09/07/06
PROJECT NUMBER: SD-A-018

KINGWOOD READINESS CENTER
KINGWOOD, WV

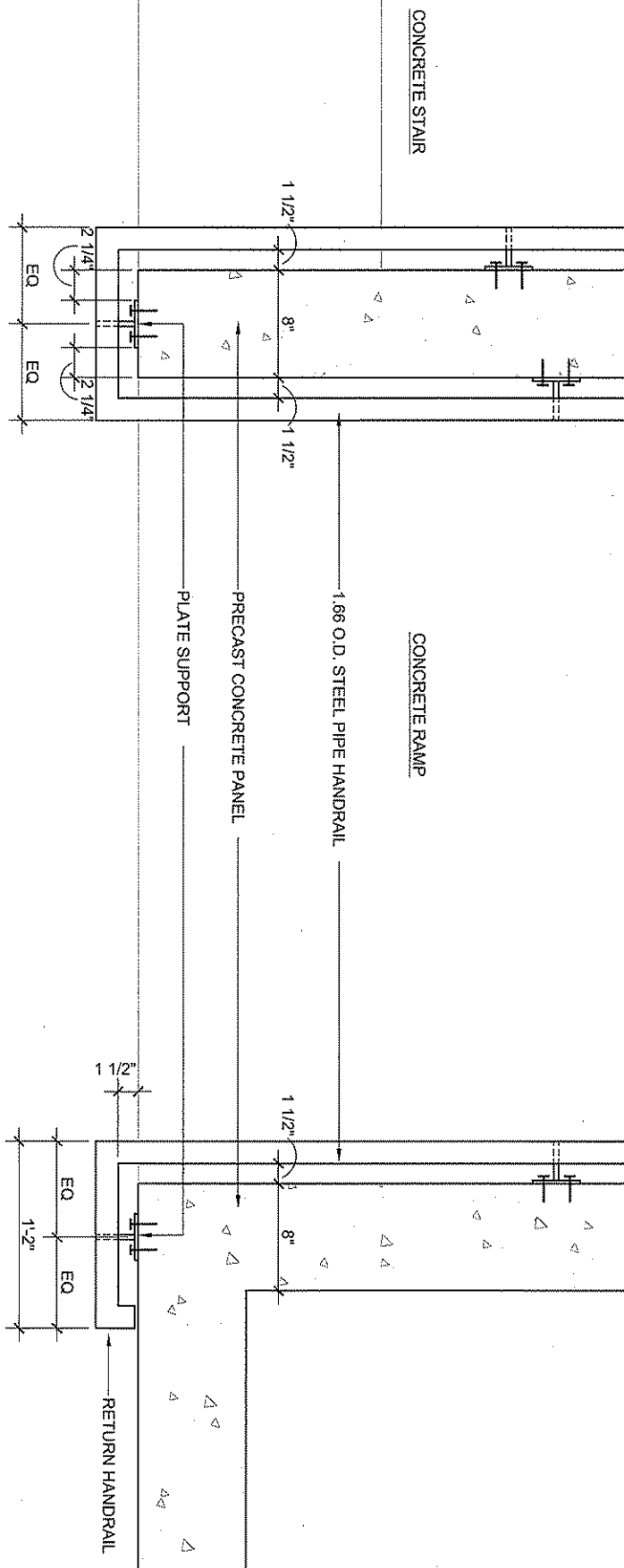
A-521 RAILING AND STAIR DETAILS

ADDENDUM #001

Mason & Hanger
A Day & Zimmermann Company

assemblage ARCHITECTS

410 D'Onofrio Drive
Madison, WI 53719
608.827.5047



8

HANDRAIL PLAN DETAIL
1/2"=1'-0"

9

HANDRAIL PLAN DETAIL
1/2"=1'-0"

DESIGNED BY:	H. NOUSHRANI
DRAWN BY:	K. SPODEN
CHECKED BY:	DCD
REVISION DATE:	08/07/06
SHEET NUMBER:	SD-A-019

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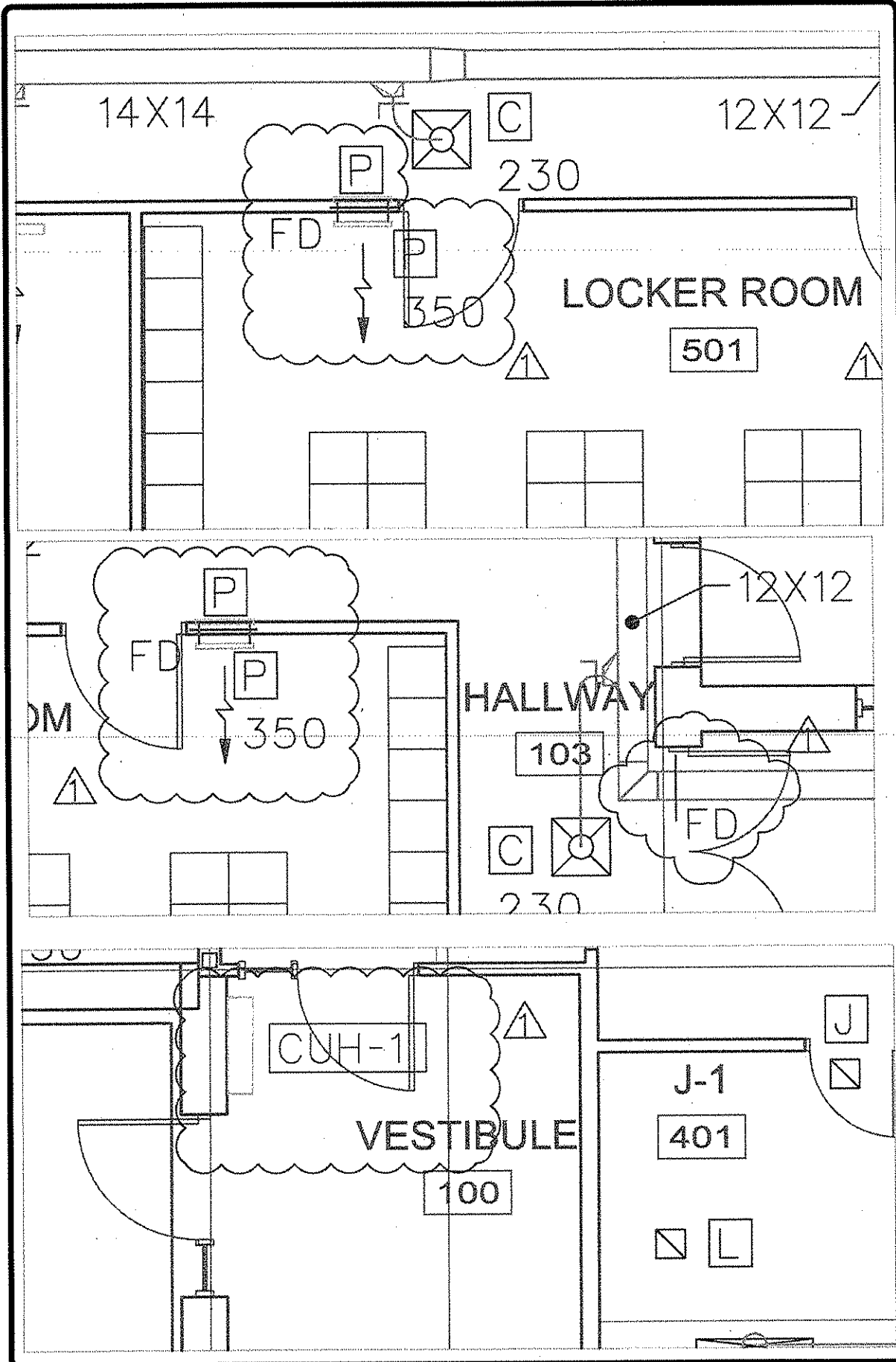
A-521 RAILING AND STAIR DETAILS

ADDENDUM #001

Mason & Hanger
A Day & Zimmermann Company

assemblage ARCHITECTS

410 D'Onofrio Drive
Madison, WI 53719
608.827.5047



ADDENDUM *001

KINGWOOD READINESS CENTER
KINGWOOD, WV
SD-M-001

DESIGNED BY:
BJD

DRAWN BY:
BJD

CHECKED BY:
DP

REVISION DATE:
08/07/06

SHEET NUMBER:
SD-M-001



ADDENDUM *001

KINGWOOD, READINESS, CENTER
KINGWOOD, WV

SD-M-002

DESIGNED BY:

BJO

DRAWN BY:

BJO

CHECKED BY:

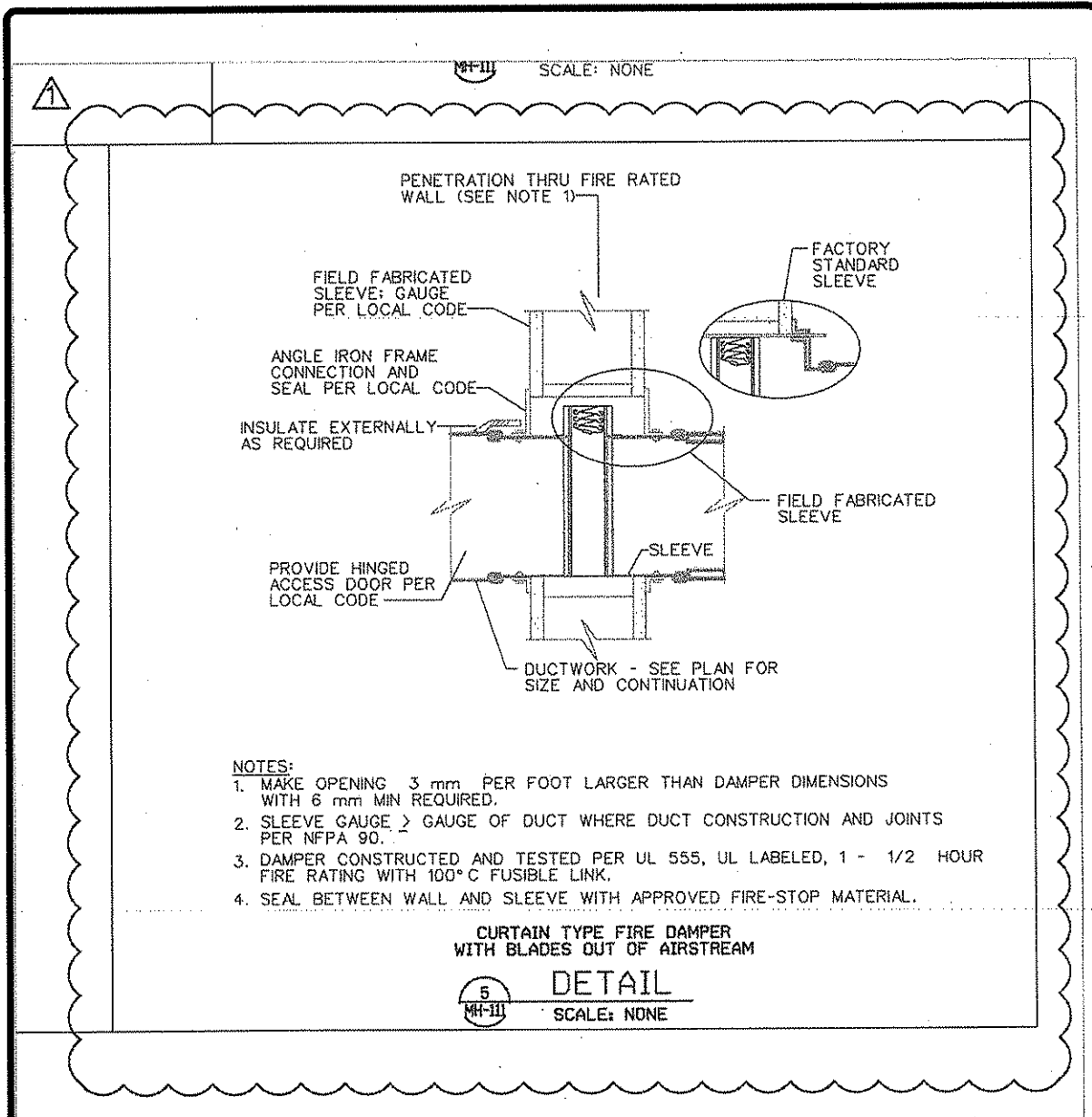
DP

REVISION DATE:

08/07/06

SHEET NUMBER:

SD-M-002





KINGWOOD READINESS CENTER
KINGWOOD, WV

PARTIAL SITE PLAN

DESIGNED BY:

GMB

DRAWN BY:

CMM

CHECKED BY:

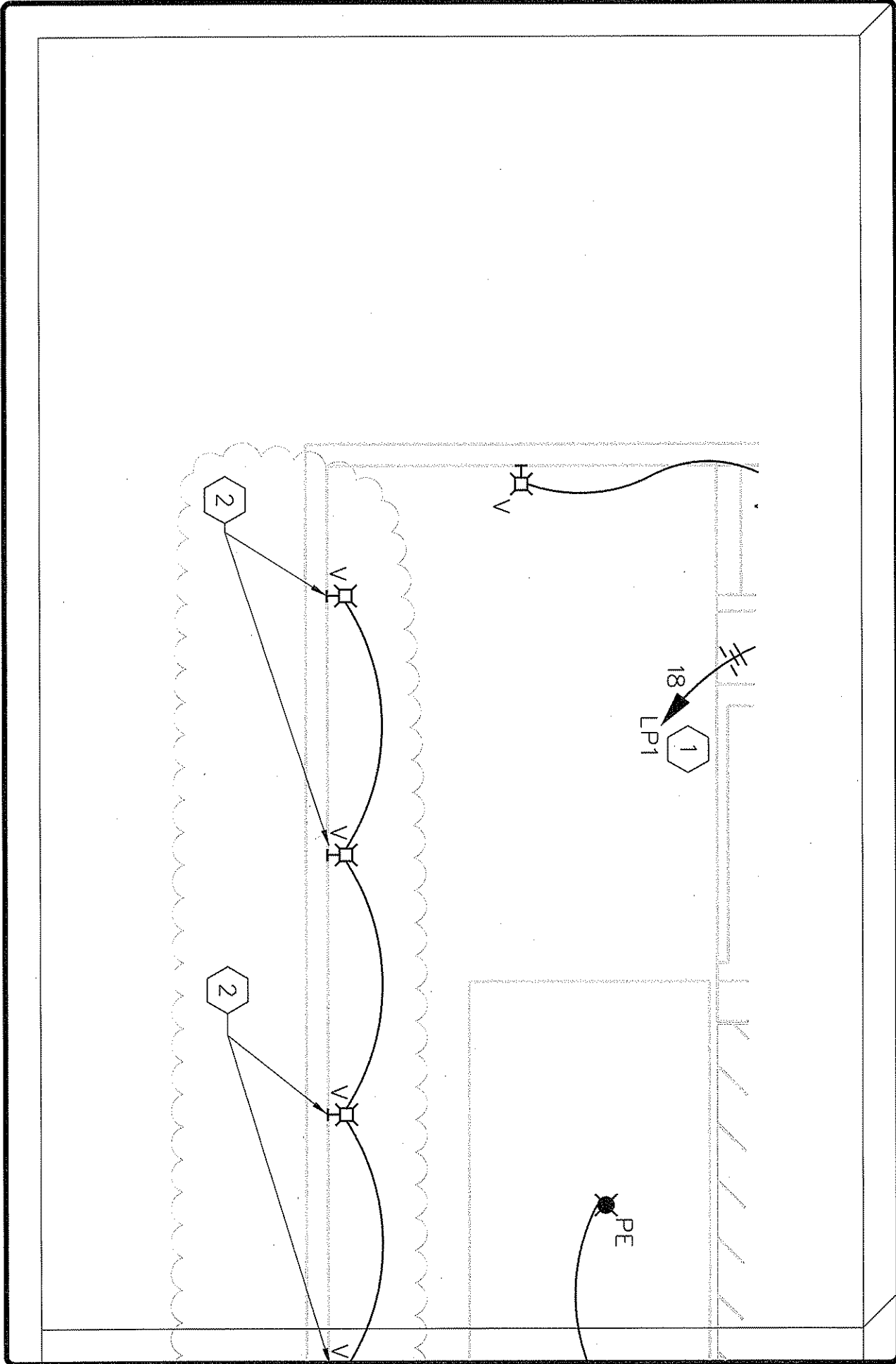
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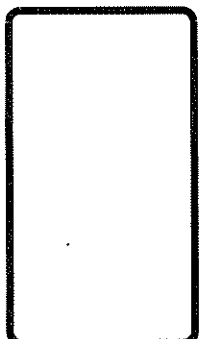
REVISION DATE:

08/07/06

SHEET NUMBER:

SD-E-001

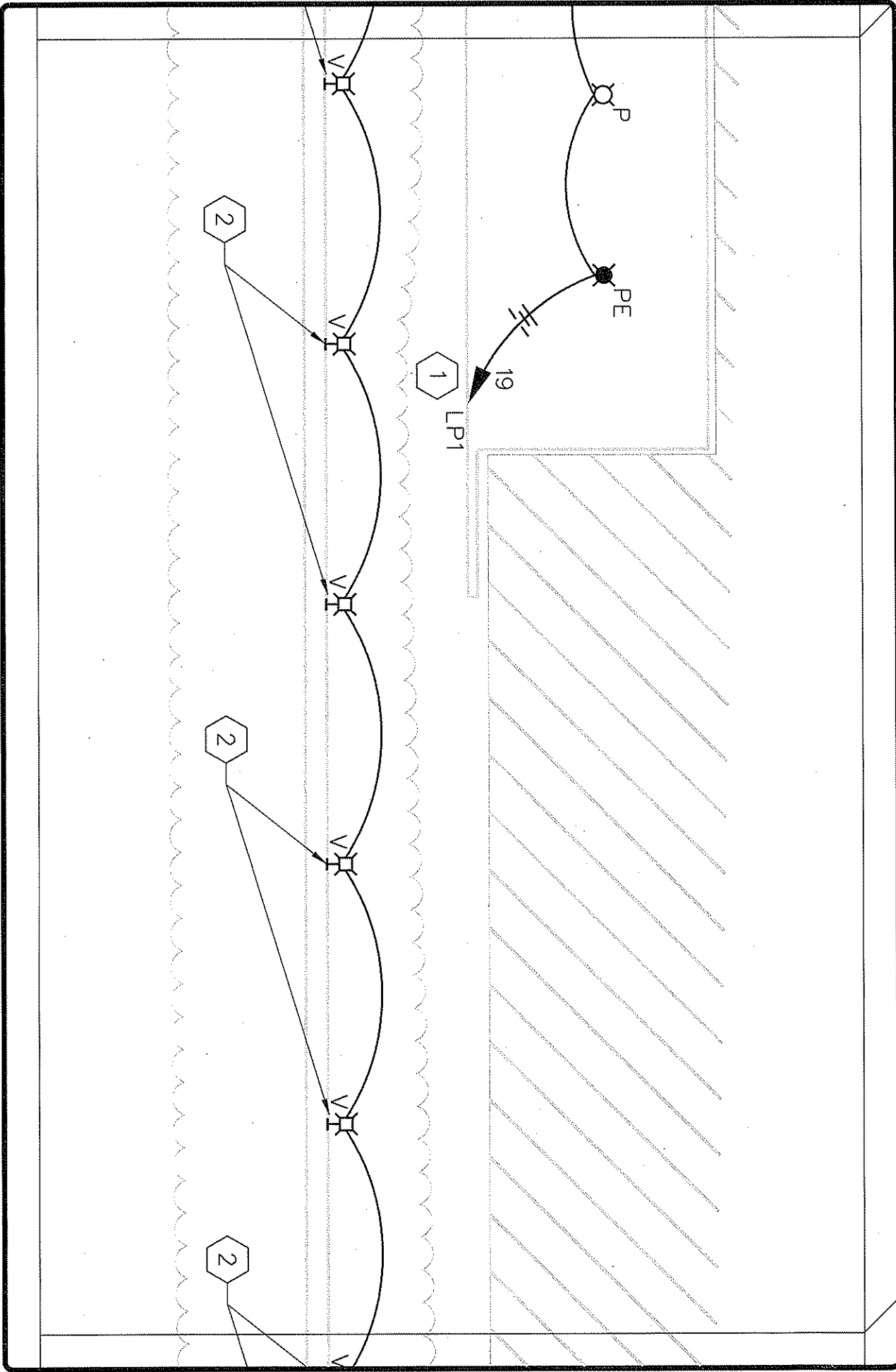


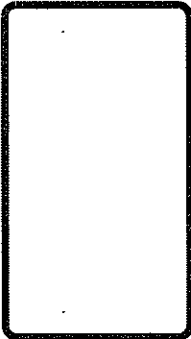


KINGWOOD READINESS CENTER
KINGWOOD, WV
PARTIAL SITE PLAN

DESIGNED BY:
GMB
DRAWN BY:
CMM
CHECKED BY:
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REVISION DATE:
08/07/06

SHEET NUMBER:
SD-E-002

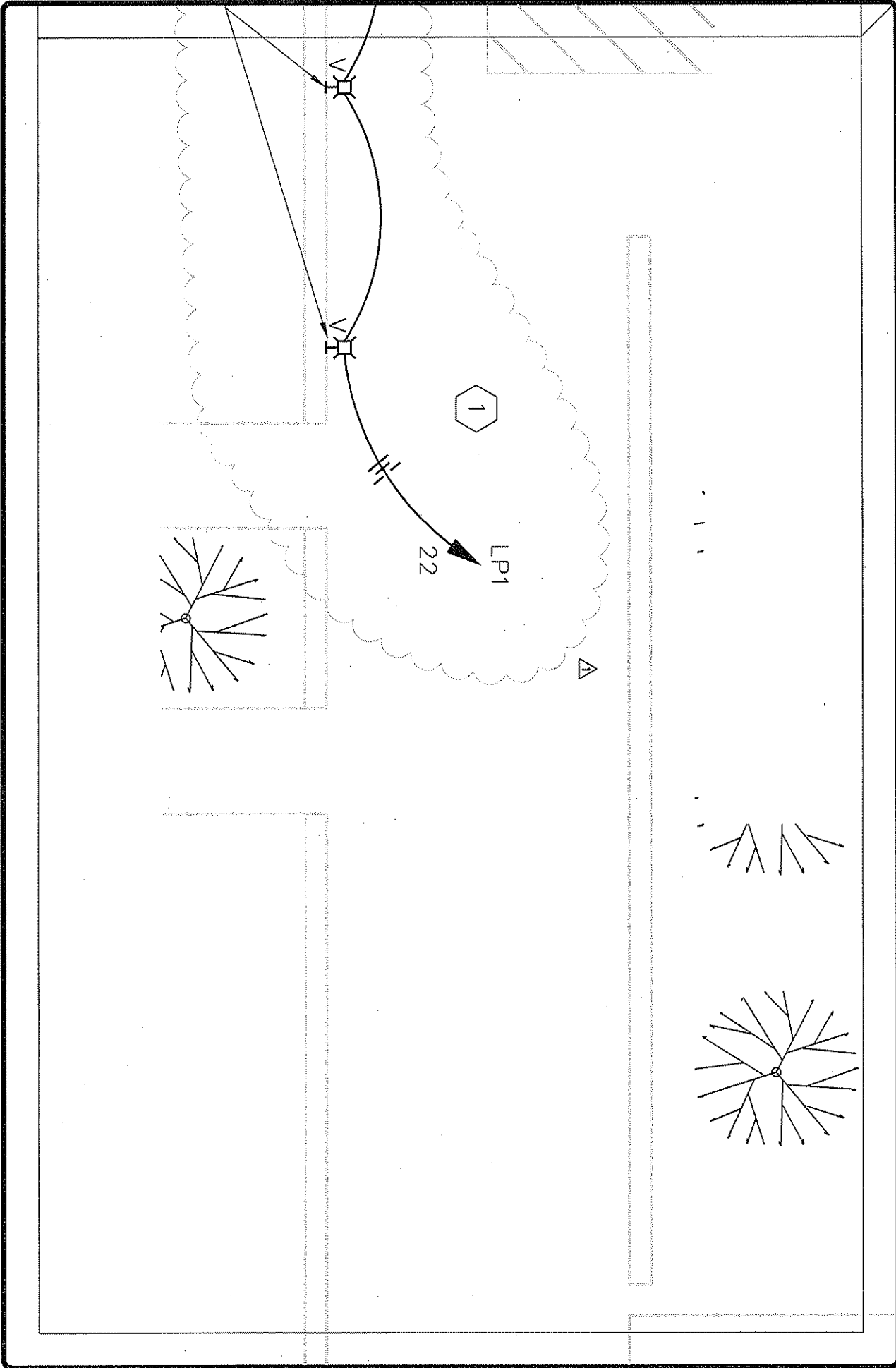




KINGWOOD READINESS CENTER
KINGWOOD, WV
PARTIAL SITE PLAN

DESIGNED BY:
GMB
DRAWN BY:
CMM
CHECKED BY:
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REVISION DATE:
08/07/06

SHEET NUMBER:
SD-E-003

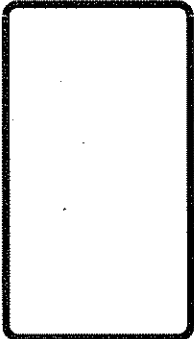




SHEET NOTES

1 FIXTURES CONTROLLED BY EXTERIOR LIGHTING CONTACTOR AND PHOTOCCELL. REFER TO SHEET EL-601 FOR SCHEMATIC.

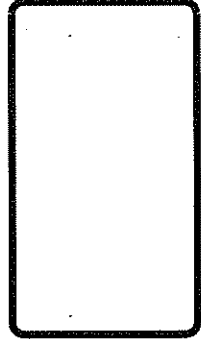
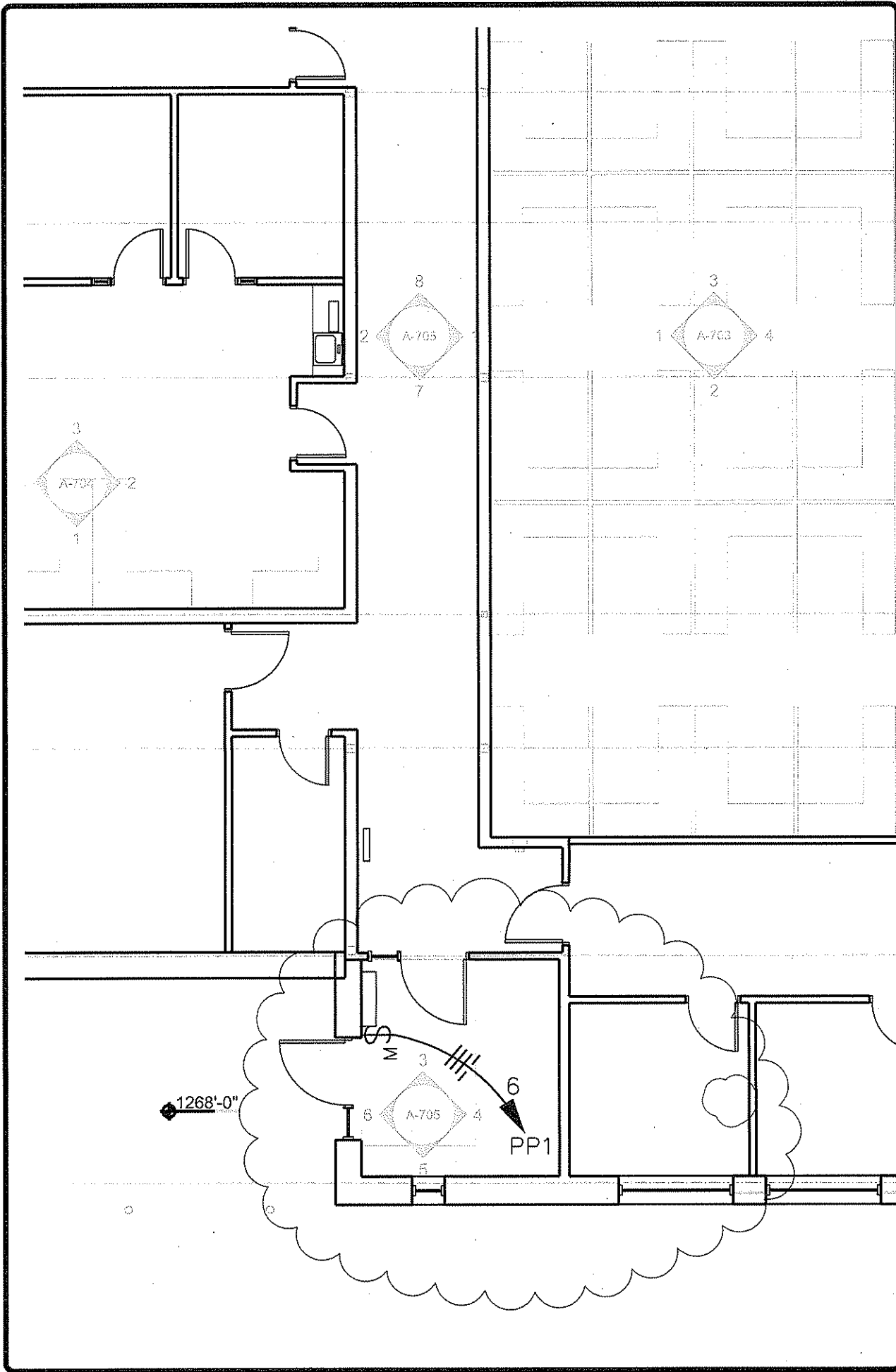
2 ALTERNATE: PROVIDE NEW STEP LIGHT FIXTURE. SEE LIGHTING FIXTURE SCHEDULE AND DETAILS ON SHEETS EL-501 THRU EL-504.



KINGWOOD READINESS CENTER
KINGWOOD, WV
PARTIAL SITE PLAN

DESIGNED BY:
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CHECKED BY:
DEP
REVISION DATE:
08/07/06

SHEET NUMBER:
SD-E-004



KINGWOOD READINESS CENTER
KINGWOOD, WV

PARTIAL FLOOR PLAN
- MECHANICAL POWER

DESIGNED BY:
GMB

DRAWN BY:
CMM

CHECKED BY:
DEP

REVISION DATE:
08/07/06

SHEET NUMBER:
SD-E-005