

ADDENDUM NO. 3

TO: PLANS AND SPECIFICATIONS FOR STATE OF MISSOURI

**Upgrades and Renovations
Missouri Veterans Home
Cape Girardeau, Missouri
Project No.: U1805-01 (FAI 29-043)**

Bid Opening Date: 1:30 PM, Tuesday, February 4, 2020

Bidders are hereby informed that the construction Plans and/or Specifications are modified as follows:

Revised Bid Form is attached. Bidders must use the form marked REVISED PER ADDENDUM NO. 3 to bid this project.

SPECIFICATION CHANGES:

1. SECTION 004113 – BID FORM

- a. REVISE Paragraph 1.0-H, Alternate No. 3 to add 25 additional working days if accepted.
- b. REVISE Paragraph 4.0-A from 260 working days to 353 working days.

Use attached revised Bid Form to bid this project.

2. SECTION 005213 – CONSTRUCTION CONTRACT

- a. REVISE the first sentence of ARTICLE 2. TIME OF COMPLETION as follows:
“The contract performance time is **353** working days from the transmittal date of this agreement.”

3. SECTION 011000 – SUMMARY OF WORK

- a. REMOVE AND REPLACE Paragraph 1.5-B as follows:
 - B. The following phasing schedule is the preliminary phasing schedule. Contractor to provide detailed schedule as described in Section 01 3200 based on total construction contract performance time listed in the State of Missouri Construction Contract.
- b. REMOVE AND REPLACE Paragraph 1.5-C as follows:
 - C. Phases Core 1 and Core 2 will run subsequently. Phases A1, A2, A3, B1, B2, B3, C1, C2, C3 will run subsequently. Core Phases (Core 1 and Core 2) will run concurrently with the Resident room phases (A1, A2, A3, B1, B2, B3, C1, C2, C3).
 1. Phase Core 1: Expansion of the entry, main dining room, employee break room, lobby and offices, and the renovation of the existing lobby, canteen, core hallways, smoke room and activity room. Work of this phase shall be substantially complete, ready for occupancy within 100 work days of commencement of construction.

2. Phase Core 2: Renovation of the existing office suite. Work of this phase shall be substantially complete, ready for occupancy within 40 work days of commencement of construction.
3. Phase C3: Renovation of resident rooms and commons in C300 wing. Work of this phase shall be substantially complete, ready for occupancy within 35 work days of commencement of construction.
4. Phase C2: Renovation of resident rooms and commons in C200 wing along with the addition of a storage room. Work of this phase shall be substantially complete, ready for occupancy within 35 work days of commencement of construction.
5. Phase C1: Renovation of resident rooms and commons in C100 wing. Work of this phase shall be substantially complete, ready for occupancy within 35 work days of commencement of construction.
6. Phase B3: Renovation of resident rooms and commons in B300 wing. Work of this phase shall be substantially complete, ready for occupancy within 35 work days of commencement of construction.
7. Phase B2: Renovation of resident rooms and commons in B200 wing along with the addition of a storage room. Work of this phase shall be substantially complete, ready for occupancy within 35 work days of commencement of construction.
8. Phase B1: Renovation of resident rooms and commons in B100 wing. Work of this phase shall be substantially complete, ready for occupancy within 35 work days of commencement of construction.
9. Phase A3: Renovation of resident rooms and commons in A300 wing. Work of this phase shall be substantially complete, ready for occupancy within 35 work days of commencement of construction.
10. Phase A2: Renovation of resident rooms and commons in A200 wing along with the addition of a storage room, new dining room, and resident rooms. Work of this phase shall be substantially complete, ready for occupancy within 35 work days of commencement of construction.
11. Phase A1: Renovation of resident rooms and commons in A100 wing along with renovation of the existing Wing A dining room and kitchenette. Work of this phase shall be substantially complete, ready for occupancy within 35 work days of commencement of construction.

c. REMOVE AND REPLACE Paragraph 1.5-D as follows:

- D. Resident Room Phases (A1, A2, A3, B1, B2, B3, C1, C2, C3) duration to include 10 work days between Phases to allow for the move-in and move-out of the residents by the Cape Girardeau Veteran's Home staff, and 25 construction work days for a total of 35 work days per resident room phase.

d. ADD Paragraph 1.5-F as follows:

- F. Construction mobilization on-site to start May 1st.

4. **SECTION 012300 – ALTERNATES**

a. REVISE Paragraph 3.1-C as follows:

C. Alternate No. 3: Add (5) building additions with (2) restrooms each and semi-private sleeping room. Building additions as follows and as indicated on Drawing Sheets A-110, A-111, A-112, and A-118:

1. Wing A (1) building addition.
 - a. Additional 5 work days will be added to the construction schedule.
2. Wing B (2) building additions.
 - a. Additional 10 work days will be added to the construction schedule.
3. Wing C (2) building additions.
 - a. Additional 10 work days will be added to the construction schedule.

5. SECTION 015000 – CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS

a. ADD Paragraph 3.4-B.5 as follows:

5. Erect UL Design U415 2hr. fire rated shaft wall barriers to underside of existing gypsum board at bottom of existing roof trusses. Contractor to verify barrier locations to protect sleeping units during construction. Provide all firestopping as required to maintain 2hr. rating, including door opening protection.

b. ADD Paragraph 3.4-F.2 as follows:

2. Throughout corridors where accessible egress path is required to be maintained throughout construction, a minimum 6 foot high construction barrier constructed from wood and/or plywood is to be temporarily installed.

6. SECTION 081416 – FLUSH WOOD DOORS

a. ADD Paragraph 2.4-A.4 as follows:

4. Oshkosh Door Company; GPHD

7. SECTION 087100 – DOOR HARDWARE

a. REVISE Paragraph 2.2-A.5.b as follows:

b. Ives (IV); ALLEGION

b. ADD Paragraphs 2.2-A.5.d and 2.2-A.5.e as follows:

d. National Guard Products; HD1100; HD2400

e. Stanley Hinges; FBB179, 191, 199

c. ADD Paragraph 2.4-A.5.d as follows:

d. Ives (IV); ALLEGION; FB458

d. ADD Paragraph 2.4-B.5.d as follows:

d. Ives (IV); ALLEGION; 8200; 8303; 8103HD

e. ADD Paragraph 2.5-P.1.d as follows:

d. SCHLAGE, ALLEGION C0100

f. ADD Paragraphs 2.6-A.3.d and 2.6-A.3.e as follows:

d. Schlage; Allegion

e. Best Access Solutions; 9K

g. ADD Paragraph 2.11-B.1.d as follows:

d. Precision Hardware; APEX 2000

- h. ADD Paragraph 2.12-B.1.d as follows:
 - d. LCN; ALLEGION; 4050 CLOSERS
- i. ADD Paragraphs 2.12-C.1.d and 2.12-C.1.e as follows:
 - d. Von Duprin; Allegion; 9827
 - e. Stanley Door Closers; D-4550; 4551
- j. ADD Paragraph 2.13-A.6.d as follows:
 - d. Ives (IV); ALLEGION; 8400
- k. ADD Paragraph 2.14-B.1.d as follows:
 - d. Ives (IV); ALLEGION; WS406/407CCV
- l. ADD Paragraphs 2.14-C.1.d and 2.14-C.1.e as follows:
 - d. Glynn Johnson; Allegion; 905
 - e. Ives (IV); ALLEGION; FS436
- m. ADD Paragraph 2.15-F.4 as follows:
 - 4. National Guard Products; 5050
- n. ADD Paragraph 2.16-A.1.d as follows:
 - d. LCN; ALLEGION; SEM 7840

8. ADD SECTION 107516 – GROUND SET FLAGPOLE

See attached new Specification Section 107516.

9. ADD SECTION 113013 – RESIDENTIAL APPLIANCES

See attached new Specification Section 113013.

10. ADD SECTION 114000 – FOOD SERVICE EQUIPMENT

See attached new Specification Section 114000.

DRAWING CHANGES:

1. Drawing C-004

- a. REMOVE AND REPLACE Keyed Note 8 as follows:
 - 8. FLAG POLE, SEE LANDSCAPE AND ELECTRICAL PLANS
- b. ADD new flag pole locations (see SD-L-101.1).

2. Drawing C-008

- a. DELETE Detail 12.

3. Drawing L-101

See attachment SD-L-101.1.

- a. REMOVE AND REPLACE Keyed Note 5 as indicated on attachment SD-L-101.1.
- b. ADD Keyed Note 6 as indicated on attachment SD-L-101.1.
- c. ADD Keyed Note 7 as indicated on attachment SD-L-101.1.
- d. ADD Keyed Note 6 and 7 to flag poles on plan as indicated on attachment SD-L-101.1.

- e. ADD General Note indicating that (30) Seasonal flag pole sleeves (see SD-L-202.2) to be included in base bid. Location to be determined by owner in field.

4. Drawing L-202

See attachments SD-L-202.1 and SD-L-202.2.

- a. REVISE Detail 2 flag pole footing as indicated on attachment SD-L-202.1 with the following:
 - i. ADD flag pole height dimension.
 - ii. ADD note for flag poles to be down lit.
 - iii. ADD referencing specification SECTION 107516 - GROUND SET FLAGPOLE.
- b. ADD Detail 3 - Seasonal flag pole sleeve as indicated on attachment SD-L-202.2.

5. Drawing S-201

See attachment SD-S-201.1.

- a. REVISE Roof Framing Plan Note F as indicated on attachment SD-S-201.1.

6. Drawing A-102, A-103, A-104, A-105

- a. ADD Demolition General Note DD as follows:
 - DD. REMOVE ALL EXISTING VINYL SIDING AND TRIM PIECES ON CORE, WING A, WING B, WING C, MAINTENANCE SHED AND BUS STOP.

7. Drawing A-109, A-110, A-111, A-112

- a. ADD Plan General Note Y as follows:
 - Y. INSTALL NEW FIBER CEMENT SIDING AND TRIM PIECES ON CORE, WING A, WING B, WING C, MAINTENANCE SHED AND BUS STOP WHERE VINYL SIDING WAS DEMOLISHED.

8. Drawing A-111

See attachment SD-A-111.1.

- a. ADD Wall furring for ALT. 1 pavilion cold water supply piping.
- b. ADD Keynote 22-04 as follows:

DIVISION 22

22-04	IF ALT. 3 IS NOT TAKEN, INSTALL NEW WALL FURRING (P8) FOR PLUMBING DROP. SAW CUT FLOOR AS INDICATED ON PLUMBING DRAWINGS
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9. Drawing A-301

See attachment SD-A-301.1.

- a. REVISE Note on Building Section 1 as indicated on attachment SD-A-301.1.

10. Drawing A-406

See attachment SD-A-406.1.

- a. ADD section cut references to Elevation 1 as indicated on attachment SD-A-406.1.

11. Drawing A-501

See attachment SD-A-501.1.

- a. REVISE note leader line to point to exterior plywood in lieu of interior gypsum board as indicated on attachment SD-A-501.1.

12. Drawing A-603

See attachment SD-A-603.3.

- a. ADD Note to window elevations W, X & Y as indicated on attachment SD-A-603.3.

13. Drawing P-107

See attachment SD-P-107.1

- a. ADD 1-inch CW routing in the NE corner of Private B107 as indicated on attachment SD-P-107.1.
- b. REVISE Keynote 2 as indicated on attachment SD-P-107.1.
- c. ADD Keynote 7 as indicated on attachment SD-P-107.1.

14. Drawing M-107

See attachment SD-M-107.1.

- a. REVISE ductwork layout as shown on attachment SD-M-107.1.
- b. ADD Keynote 7 as indicated on attachment SD-M-107.1.

15. Drawing M-111

See attachment SD-M-111.1.

- a. REVISE piping sizes and layout as shown on attachment SD-M-111.1.

16. Drawing M-112

See attachment SD-M-112.1.

- a. REVISE piping sizes and layout as shown on attachment SD-M-112.1.
- b. ADD Keynote 5 as indicated on attachment SD-M-112.1

17. Drawing M-601

See attachment SD-M-601.1.

- a. REVISE schedules as shown on attachment SD-M-601.1.

18. Drawing E-113

See attachment SD-E-113.1.

- a. REVISE General Note A as indicated on attachment SD-E-113.1.
- b. ADD Keynote 4 as indicated on attachment SD-E-113.1.
- c. REMOVE type SC luminaires, foundation and conduit to be installed for future bollards.
- d. ADD power connection for new flag pole lighting.

19. Drawing E-114

See attachment SD-E-114.1.

- a. REVISE Keynote 1 as indicated on attachment SD-E-114.1.

20. Drawing E-602

See attachment SD-E-602.1.

a. REVISE luminaire schedule as indicated on attachment SD-E-602.1.

ATTACHMENTS:

1. Specification Sections:
 - a. Section 004113 – Bid Form
 - b. Section 107516 – GROUND SET FLAGPOLES
 - c. Section 113013 – RESIDENTIAL APPLIANCES
 - d. Section 114000 – FOOD SERVICE EQUIPMENT

2. Drawing Attachments:
 - a. SD-L-101.1
 - b. SD-L-202.1
 - c. SD-L-202.2
 - d. SD-S-201.1
 - e. SD-A-111.1
 - f. SD-A-301.1
 - g. SD-A-406.1
 - h. SD-A-501.1
 - i. SD-A-603.3
 - j. SD-P-107.1
 - k. SD-M-107.1
 - l. SD-M-111.1
 - m. SD-M-112.1
 - n. SD-M-601.1
 - o. SD-E-113.1
 - p. SD-E-114.1
 - q. SD-E-602.1

January 23, 2020

END ADDENDUM NO. 3

STATE OF MISSOURI

Bid Time: 1:30 PM

Bid Date: _____

SECTION 004113 - BID FORM

REVISED PER ADDENDUM NO. 3

1.0 BID:

A. From:

(Bidder's Name)

herein after called the "**Bidder**".

B. To:

Director, Division of Facilities Management, Design and Construction
Room 730, Harry S Truman State Office Building
301 West High Street
Jefferson City, Missouri 65102

herein after called the "**Owner**."

C. For:

Upgrades and Renovations
Missouri Veterans Home
Cape Girardeau, Missouri

D. Project Number:

U1805-01 (**FAI 29-043**)

hereinafter called the "**Work**."

E. Documents:

The undersigned, having examined and being familiar with the local conditions affecting the work and with the complete set of contract documents, including the Drawings, the Invitation For Bid, Instructions To Bidders, Statement of Bidders Qualifications, General Conditions, Supplement to General Conditions, and the technical specifications, including: addenda number _____ through _____ hereby proposes to perform the Work for the following:

F. Bid Amount:

_____ Dollars (\$ _____)

G. Allowances:

See Section 012100 for details.

H. Alternates: Alternate No. 1: Add a pre-engineered timber framed pavilion on 42-foot x 59-foot concrete slab at the south side of the site. Pavilion to include manufactured metal casework, two single hole restrooms with concrete masonry unit walls and stone veneer. Refer to Specification SECTION 06 1323 - HEAVY TIMBER FRAMING and Drawing Sheet A-117.

_____ Dollars (\$ _____)

Alternate No. 2: Add a new ornamental metal security fence at the south side of the site as indicated on the civil drawings. Refer to Specification SECTION 32 3119 - DECORATIVE METAL FENCES AND GATES and Drawing Sheet C-007.

_____ Dollars (\$ _____)

Alternate No. 3: Add (5) building additions with (2) restrooms each and semi-private sleeping room. Building additions as indicated on Drawing Sheets A-110, A-111, A-112 and A-118. Add 25 working days per Section 012300 - Alternates if accepted.

_____ Dollars (\$ _____)

2.0 MBE/WBE/SDVE PERCENTAGE OF PARTICIPATION PROJECT GOALS:

This project's specific goals are: **MBE 10.00%** **WBE 10.00%**, and **SDVE 3.00%**. NOTE: Only MBE/WBE firms certified by a State of Missouri public entity, and SDVE(s) meeting the requirements of Section 34.074, RSMo, and 1 CSR 30-5.010, as of the date of bid opening, can be used to satisfy the MBE/WBE/SDVE participation goals for this project.

3.0 BID BOND

A. Accompanying the bid is: ___ 5% Bid Bond or ___ Cashier's Check/Bank Draft for 5% of base bid that is payable without condition to the Division of Facilities Management, Design and Construction, State of Missouri, as per Article 5 of "Instructions To Bidders".

4.0 CONTRACT COMPLETION TIME AND LIQUIDATED DAMAGES

A. The Bidder agrees to complete the work within 353 working days from the date the Notice of Intent to Award is issued as modified by additional days added by the Owner's acceptance of alternates, if applicable. This includes ten (10) working days for document mailing and processing. The Bidder further agrees to pay to, or allow the State as liquidated damages the sum of \$1,000 for each working day thereafter that the entire work is not substantially complete.

5.0 ATTACHMENTS TO BID:

- 004336 Proposed Subcontractors
- 004337 MBE/WBE/SDVE Compliance Form
- 004338 MBE/WBE/SDVE Joint Venture Form
- 004339 MBE/WBE/SDVE Waiver Form
- 004340 SDVE Business Form
- 004541 Affidavit of Work Authorization

ADDITIONAL FEDERAL FORM REQUIRED WITH SUBMITTAL:

- Certification Regarding Debarment, Suspension, Ineligibility, and Voluntary Exclusion – Lower Tier Covered Transactions (VA 10-0388-12)

6.0 BIDDER'S CERTIFICATIONS:

- A. The Bidder agrees to pay not less than the hourly rate of wages as determined by the Department of Labor and Industrial Relations, State of Missouri, in accordance with Sections 290.210 to 290.340, RSMo.
- B. The Bidder hereby certifies that this bid is genuine and is not made in the interest of or on behalf of any undisclosed person, firm, or corporation, and is not submitted in conformity with any agreement or rules of any group, association or corporation;
That he/she has not directly or indirectly induced or solicited any other bidder to put in a false or sham proposal;
That he/she has not solicited or induced any person, firm or corporation to refrain from submitting a bid;
That he/she has not sought by collusion or otherwise to obtain for him/herself any advantage over any other bidder or over the Owner.
That he/she will not discriminate against any employee or applicant for employment because of race, creed, color or national origin in the performance of the work.
That he/she certifies that he/she has based this proposal upon an official /complete set of contract documents, either obtained from the Owner after Bidder placed himself/herself on the bidders' list or from a secondary source known to the Bidder to have provided a complete and accurate set of contract documents, provided that if Bidder received the contract documents from such a secondary source, any errors or omissions in the contract documents shall be interpreted and construed in favor of the Owner and against the Bidder. This proposal is also based upon the conditions within Article 1.2 of the General Conditions.
That he/she certifies that he/she will comply with the provisions of Sections 285.230-234, RSMo, regarding transient employers.
That he/she has enrolled and is and will continue to participate in a federal work authorization program in accordance with Sections 285.525 and 285.530, RSMo for the duration of this contract.

7.0 CONTACT INFORMATION (mandatory for all bidders):

Sole Proprietorship/General Partnership LLC Limited Partnership Corporation Joint Venture

Business Name: _____

Address: _____

Telephone: _____ Fax Number: _____

Federal ID Number: _____ or Social Security Number: _____

Missouri Business Charter Number: _____ (or provide the proper certificate from the Secretary of State)

Contact Name: _____ Contact email: _____

8.0 SIGNATURES:

FOR SOLE PROPRIETORSHIPS/GENERAL PARTNERSHIPS ONLY:

Sole Proprietor's Name (printed) Name each general partner: _____

Today's Date: _____

I, _____, being the sole proprietor/general partner of (name of business) _____ (and if the name of said business is other than my legal name, having filed a Registration of Fictitious Name with the Missouri Secretary of State in order to allow me to use such name in connection with my business, as provided by Section 417.200, RSMo, et seq.), do hereby submit this bid and agree to be bound unto the State of Missouri as herein provided (if a general partnership, all partners must sign below).

Signature: _____ Signature: _____

Signature: _____ Signature: _____

FOR LIMITED LIABILITY COMPANIES ONLY:

_____ today's date _____ State(s) of organization: _____
Manager's (or Managing Member's) Name (printed)

I, _____, being the Manager (or Managing Member) of (full legal name of limited liability company from Articles of Organization) _____, and being duly authorized to act as herein provided on behalf of said limited liability company, do hereby submit this bid on behalf of said limited liability company and agree that said limited liability company shall be bound unto the State of Missouri as herein provided.

Signature: _____

FOR LIMITED PARTNERSHIPS/LIMITED LIABILITY PARTNERSHIPS/LIMITED LIABILITY LIMITED PARTNERSHIPS ONLY:

_____ today's date: _____ State(s) of organization: _____
General/Managing Partner's Name (printed)

I, _____, being the General Partner/Managing Partner of (full legal name of limited partnership/limited liability partnership/limited liability limited partnership from partnership agreement or Certificate of Limited Partnership) _____, and being duly authorized to act as herein provided on behalf of said limited partnership/limited liability partnership/limited liability limited partnership, do hereby submit this bid on behalf of said limited partnership/limited liability partnership/limited liability limited partnership and agree that said limited partnership/limited liability partnership/limited liability limited partnership shall be bound unto the State of Missouri as herein provided.

Signature: _____

FOR CORPORATIONS ONLY:

President's Name (printed) Secretary's Name (printed) Today's date
State(s) of incorporation: _____

I, _____, being the (officer or title) _____ of (full legal name of corporation, from Articles of Incorporation) _____, and being duly authorized by the Board of Directors of said corporation to act as herein provided on behalf of said corporation, do hereby submit this bid on behalf of said corporation and agree that said corporation shall be bound unto the State of Missouri as herein provided.

Signature: _____ Attested by: _____
President Corporate Secretary

The President should sign as the bidder. If the signator is other than the corporate president, the bidder must provide satisfactory evidence that the signator has the legal authority to bind the corporation.

FOR ASSOCIATIONS/JOINT VENTURES: If multiple business entities/individuals are bidding collectively as an association or joint venture, each business entity/individual bidding as part of the association or joint venture shall sign this bid in the above sections relevant to the form that such business entity or individual does business, and the bidder shall duplicate the necessary number of signature pages so that all members of the association or joint venture shall sign this bid. If a name is adopted for use by the association or joint venture, the association or joint venture shall file a Registration of Fictitious Name with the Missouri Secretary of State in order to use such name in connection with the association or joint venture, as provided by Section 417.200, RSMo, *et seq.*

SECTION 10 7516 - GROUND SET FLAGPOLES

PART 1 GENERAL

1.1. RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2. SUMMARY

- A. Section includes ground-set flagpoles made from aluminum.
- B. Owner-Furnished Material: Flags.

1.3. ACTION SUBMITTALS

- A. Product Data: For each type of product.
 - 1. Include construction details, material descriptions, dimensions of individual components and profiles, operating characteristics, fittings, accessories, and finishes for flagpoles.
- B. Shop Drawings: For flagpoles.
 - 1. Include plans, elevations, and attachment details. Show general arrangement, jointing, fittings, accessories, grounding, anchoring, and support.
 - 2. Include section and details of foundations system.
- C. Samples and Verification: For each type of exposed finish, in manufacturer's standard sizes.
- D. Delegated - Design Submittal: For flagpoles.

1.4. CLOSEOUT SUBMITTALS

- A. Operation and Maintenance Data: For flagpoles to include in operation and maintenance manuals.

1.5. DELIVERY, STORAGE, AND HANDLING

- A. Spiral wrap flagpoles with heavy paper and enclose in a hard fiber tube or other protective container.

1.6. SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide manufacturer's printed product data sheets and installation instructions.
- C. Warranty Documentation: Submit manufacturer warranty and ensure that forms have been completed in Owner's name and registered with manufacturer.

PART 2 PRODUCTS

2.1. MANUFACTURERS

- A. Source Limitations: Obtain flagpoles as complete units, including fittings, accessories, bases, and anchorage devices, from single source from single manufacturer.

2.2. PERFORMANCE REQUIREMENTS

- A. Delegated Design: Engage a qualified Professional Engineer, as defined in Section 01 4000 "Quality Requirements," to design flagpole assemblies.
- B. Seismic Performance: Flagpole assemblies shall withstand the effects of earthquake motions determined according to ASCE/SEI 7.
- C. Structural Performance: Flagpole assemblies, including anchorages and supports, shall withstand design loads indicated within limits and under conditions indicated.
 - 1. Wind Loads: Determine according to NAAMM FP 1001. Basic wind speed for Project location is 90 MPH.
 - 2. Base flagpole design on the polyester flags of maximum standard size suitable for use with flagpole or flag size indicated, whichever is more stringent.

2.3. ALUMINUM FLAGPOLES

- A. Aluminum Flagpoles: Cone-tapered flagpoles fabricated from seamless extruded tubing complying with ASTM B241/B 241M, Alloy 6063, with a minimum wall thickness of 3/16 inch.
 - 1. Acme/Lingo Flagpoles, LLC
 - 2. Eder Flag Manufacturing Company.
 - 3. Ewing Flagpoles.
 - 4. Morgan-Francis Flagpoles.
- B. Exposed Height: 20, 25 feet and 30 feet, as indicated on plans.
- C. Construct flagpoles in one piece if possible. If more than one piece is necessary, comply with the following:
 - 1. Fabricate shop and field joints without using fasteners, screw collars, or lead caulking.
 - 2. Provide flush hairline joints using self-aligning, snug-fitting, internal sleeves.
- D. Metal Foundation Tube: Manufacturer's standard corrugated-steel foundation tube, 0.060-inch wall thickness with 3/16 inch steel bottom plate and support plate; 3/4 diameter, steel ground spike; and steel centering wedges welded together. Galvanize foundation tube after assembly. Furnish loose hardwood wedges at top of foundation tube for plumbing pole.
 - 1. Flashing Collar: Same material and finish as flagpole.
- E. Sleeve for Aluminum Flagpole: Fiberglass or PVC pipe foundation sleeve, made to fit flagpole, for casting into concrete foundation.
 - 1. Flashing Collar: Same material and finish as flagpole.
- F. Cast-Metal Shoe Base: Made from aluminum with same finish and color as flagpoles for anchor-bolt mounting; furnish with anchor bolts.
 - 1. Furnish ground spike.

2.4. FITTINGS

- A. Finial Ball: Flush-seam ball, sized as indicated or, if not indicated, to match flagpole-butt diameter.
 - 1. 0.063-inch spun aluminum with gold anodic finish.

- B. Internal Halyard, Cam Clean System: 5/16 inch diameter, braided polypropylene halyard; cam cleat; and concealed revolving truck assembly with plastic-coated counterweight and sling. Furnish flush access door secured with cylinder lock. Finish truck assembly to match flagpole.
 - 1. Halyard Flag Snaps: Stainless-steel swivel snap hooks with neoprene or vinyl covers. Furnish two per halyard.

2.5. MISCELLANEOUS MATERIALS

- A. Non-shrink, Nonmetallic Grout: Factory-packaged, non-staining, noncorrosive, nongaseous grout complying with ASTM C 1107/C 1107M.
- B. Drainage Material: Crushed stone, or crushed or uncrushed gravel; coarse aggregate.
- C. Sand: ASTM C33/C 33M, fine aggregate.
- D. Elastomeric Joint Sealant: Multicomponent non-sag urethane joint sealant complying with requirements in Section 07 9200 "Joint Sealants".
- E. Bituminous Paint: Cold-applied asphalt emulsion complying with ASTM D 1187/D 1187M.

2.6. ALUMINUM FINISHED

- A. Natural Satin Finish: AA-M32, fine directional, medium satin polish; buff complying with AA-M20; seal aluminum surfaces with clear hard-coat wax.
- B. Clear Anodic Finish: AAMA 611, AA-M12C22QA41.
- C. Gold Anodic Finish: AAMA 611, AA-M32C22A43; gold color.

2.7. ACCESSORIES

- A. Lighting: All flagpoles shall include hardwired, LED downlighting provided by the flagpole manufacturer.
 - 1. Lighting fixture shall include dusk to dawn photo eye
 - 2. Lighting output shall be, at minimum, 500 lux / 1300 lumens
 - 3. Contractor shall furnish and place all necessary wiring and transformers per manufacturer's specifications

PART 3 EXECUTION

3.1. PREPARATION

- A. Prepare uncoated metal flagpoles that are set in foundation tubes by painting below-grade portions with a heavy coat of bituminous paint.
- B. Foundation Excavation: Excavate to neat clean lines in undisturbed soil. Remove loose soil and foreign matter from excavation and moisten earth before placing concrete. Place and compact drainage material at excavation bottom.
- C. Provide forms where required due to unstable soil conditions and for perimeter of flagpole base at grade. Secure and brace forms to prevent displacement during concreting.
- D. Foundation Tube: Place foundation tube, center, and brace to prevent displacement during concreting. Place concrete. Plumb and level foundation tube and allow concrete to cure.

- E. Sleeves: Locate and secure sleeves informs by bracing to reinforcement and forms.
- F. Place concrete, as specified in Section 03 3000 "Cast-in Place Concrete." Compact concrete in place by using vibrators. Moist-cure exposed concrete for no fewer than seven days or use non-staining curing compound.
- G. Trowel exposed concrete surface to a smooth, dense finish, free of trowel marks, and uniform in texture and appearance. Provide positive slope for water runoff to perimeter of concrete base.

3.2. FLAGPOLE INSTALLATION

- A. General: Install flagpoles where indicated and according to Shop Drawings and manufacturer's written instructions.
- B. Foundation Tube: Place Flagpole in tube, seated on bottom plate between steel centering wedges, and install hardwood wedges to secure flagpole in place. Place and compact sand in foundation tube and remove hardwood wedges. Seal top of foundation tube with a 2-inch layer of elastomeric joint sealant and cover with flashing collar.
- C. Coordinate all electrical connections with electrical drawings and electrical contractor.

END OF SECTION

SECTION 11 3013 - RESIDENTIAL APPLIANCES

PART 1 GENERAL

1.1. SECTION INCLUDES

- A. Kitchen appliances.

1.2. RELATED REQUIREMENTS

- A. Section 26 0583 - Wiring Connections: Electrical connections for appliances.

1.3. REFERENCE STANDARDS

- A. UL (DIR) - Online Certifications Directory; Current Edition.

1.4. SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
- B. Product Data: Manufacturer's data indicating dimensions, capacity, and operating features of each piece of residential equipment specified.
- C. Copies of Warranties: Submit manufacturer warranty and ensure that forms have been completed in Owner's name and registered with manufacturer.

1.5. QUALITY ASSURANCE

- A. Electric Appliances: Listed and labeled by UL (DIR) and complying with NEMA Standards (National Electrical Manufacturers Association).

PART 2 PRODUCTS

2.1. KITCHEN APPLIANCES

- A. Microwave: Over-the-range.
 - 1. Capacity: 2.1 cubic ft.
 - 2. Power: 1,000 watts.
 - 3. Features: Include turntable, cooktop light, night light, built-in trim kit, undercabinet mounting kit, and 4 speed exhaust fan.
 - 4. FEATURES
 - a. Control Type Dial; Electronic Touch
 - b. Electronic Digital Display with Clock Digital (1 line)
 - c. Cooking Modes Microwave Steam
 - d. Cooking Technology Microwave
 - e. Style Over-The-Range
 - f. Cooktop Lighting Bright/Night/Off; LED
 - g. Exhaust Fan 4-Speed Including Boost; 400-CFM

- h. Interior Oven Light Halogen
- i. Power Levels 10
- j. Program Cooking Yes (Option Pad)
- k. Sound Volume Control Yes
- l. Turntable Glass Recessed
- m. Turntable On / Off Yes
- n. Turntable Size 14.25 in
- o. Microwave Sensor Cooking Controls Beverage; Cook; Popcorn
- p. Control Features Add 30 Seconds; Cancel/Off; Chef
- q. Connect; Cook Time; Lock Controls;
- r. Mute On/Off; My Cycle; Power Level;
- s. Replace Filter Notification; Settings;
- t. Start/Pause; Steam Clean; Surface
- u. Light; Timer On/Off; Turntable On/
- v. Off; Vent Fan
- w. Product Type Over-the-range Microwave
- x. Microwave Oven Interior Easy Clean Ena
- y. Exterior Finish: Stainless Steel.
- z. Manufacturers:
 - 1) Frigidaire Home Products; : www.frigidaire.com/#sle.
 - 2) GE Appliances; Basis of Design: GE Profile 2.1 Cu. Ft. Over-the-Range Sensor Microwave Oven PNM9216SKSS: www.geappliances.com/#sle.
 - 3) Whirlpool Corp; : www.whirlpool.com/#sle.
 - 4) Substitutions: See Section 01 6000 - Product Requirements.

PART 3 EXECUTION

3.1. EXAMINATION

- A. Verify utility rough-ins are provided and correctly located.

3.2. INSTALLATION

- A. Install in accordance with manufacturer's instructions.
- B. Anchor built-in equipment in place.

3.3. ADJUSTING

- A. Adjust equipment to provide efficient operation.

3.4. CLEANING

- A. Remove packing materials from equipment and properly discard.
- B. Wash and clean equipment.

END OF SECTION 11 3013

SECTION 11 4000 - FOODSERVICE EQUIPMENT

PART 1 GENERAL

1.1. SECTION INCLUDES

- A. Foodservice equipment.

1.2. RELATED REQUIREMENTS

- A. Section 26 0583 - Wiring Connections: Electrical characteristics and wiring connections.

1.3. REFERENCE STANDARDS

- A. ASTM A666 - Standard Specification for Annealed or Cold-Worked Austenitic Stainless Steel Sheet, Strip, Plate, and Flat Bar; 2015.
- B. FM (AG) - FM Approval Guide; current edition.
- C. ITS (DIR) - Directory of Listed Products; current edition.
- D. NFPA 70 - National Electrical Code; Most Recent Edition Adopted by Authority Having Jurisdiction, Including All Applicable Amendments and Supplements.
- E. NSF 2 - Food Equipment; 2018.
- F. UL (DIR) - Online Certifications Directory; Current Edition.

1.4. SUBMITTALS

- A. See Section 01 3000 - Administrative Requirements, for submittal procedures.
- B. Product Data: Provide data on appliances; indicate configuration, sizes, materials, finishes, locations, and utility service connection locations, service characteristics, and wiring diagrams.
- C. Manufacturer's Installation Instructions: Indicate special procedures, perimeter conditions requiring special attention, and _____.
- D. Operation Data: Provide operating data for the specified equipment.
- E. Maintenance Data: Provide lubrication and periodic maintenance requirement schedules.
- F. Warranty: Submit manufacturer warranty and ensure forms have been completed in Owner's name and registered with manufacturer.

1.5. QUALITY ASSURANCE

- A. Manufacturer Qualifications: Company specializing in manufacture of standard products of the type specified.

1.6. DELIVERY, STORAGE, AND HANDLING

- A. Store products clear of floor in a manner to prevent damage.
- B. Coordinate size of access and route to place of installation.

1.7. WARRANTY

- A. See Section 01 7800 - Closeout Submittals, for additional warranty requirements.
- B. Correct defective work of this section within a five year period after Date of Substantial Completion.
- C. Provide five year manufacturer warranty for replacement or repair of scheduled equipment, including disconnection and removal of defective unit, and connection of replacement unit.

PART 2 PRODUCTS

2.1. MANUFACTURERS

- A. Foodservice Equipment:
 - 1. Hobart Corp: www.hobartcorp.com/#sle.
 - 2. Jackson Warewashing Systems
 - 3. Nobel Warewashing

2.2. REGULATORY REQUIREMENTS

- A. Products Requiring Electrical Connection: Listed and classified by FM (AG), ITS (DIR), UL (DIR), or testing agency acceptable to local authorities having jurisdiction as suitable for the purpose specified and indicated.

2.3. EQUIPMENT

- A. Comercial Ware Washer
- B. Basis of Design: Hobart CLPS86EN-EGR+BUILDUP Dimensions: 68.5(h) x 86.25(w) x 31.25(d)
- C. Conveyor Dishwasher, energy recovery (DWER), (2) tank with a Power Scrapper, (342) racks/hour, insulated hinged doors, .39 gallon/rack, stainless steel enclosure panels, microprocessor controls with low temperature & dirty water indicators, NSF pot & pan mode, 30 kW stainless booster, drain water tempering kit, ENERGY STAR®
- D. Parts Description:
 - 1. Standard warranty - 1-Year parts, labor & travel time during normal working hours within the USA
 - 2. Model CLPS86EN-EGRELE0AX 208v/60/3-ph, electric heat only
 - 3. Model CLPS86EN-EGRHTE15K Electric tank heat 15kW wash/10kW rinse
 - 4. Model CLPS86EN-EGRERH30K 30kW electric booster
 - 5. Model CLPS86EN-EGRDIR0RL Right to left operation
 - 6. Model CLPS86EN-EGRHGTSTD Standard height
 - 7. Model CLPS86EN-EGRFETSTD Standard feet
 - 8. NOTE: For water over 3-grains of hardness, Hobart suggests adding a water softener.
 - 9. Model EXTHD/E-ADJ E-series extended hood (adjustable)
 - 10. Model CLE/TBL-SWITCH Table LMT switch CLE-Series

- E. Installation Accessories: Provide rough-in hardware, supports and connections, attachment devices, closure trim, and accessories as required for complete installation.

2.4. MATERIALS

- A. Stainless Steel Sheet: ASTM A666 Type 304 commercial grade, No. 4 finish.
- B. Finish Hardware: Manufacturer's standard.

2.5. FINISHES

- A. Components: Shop finish.
- B. Metal (Except Stainless Steel): Degrease and phosphate etch, prime and apply minimum two coats factory baked epoxy, color as selected.
- C. Stainless Steel: No. 4 finish.

PART 3 EXECUTION

3.1. EXAMINATION

- A. Verify ventilation outlets, service connections, and supports are correct and in required location.
- B. Verify that electric power is available and of the correct characteristics.

3.2. INSTALLATION

- A. Install items in accordance with manufacturers' instructions.
- B. Insulate to prevent electrolysis between dissimilar metals.
- C. Electrical Requirements.
 - 1. 208 Volts, 60 Cycle, 3-Phase.
- D. Sequence installation and erection to ensure correct mechanical and electrical utility connections are achieved.
- E. Use anchoring devices appropriate for equipment and expected usage.

3.3. ADJUSTING

- A. Adjust equipment and apparatus to ensure proper working order and conditions.
- B. Remove and replace equipment creating excessive noise or vibration.

3.4. CLEANING

- A. Remove masking or protective covering from stainless steel and other finished surfaces.
- B. Wash and clean equipment.
- C. Polish glass, plastic, hardware, accessories, fixtures, and fittings.

3.5. CLOSEOUT ACTIVITIES

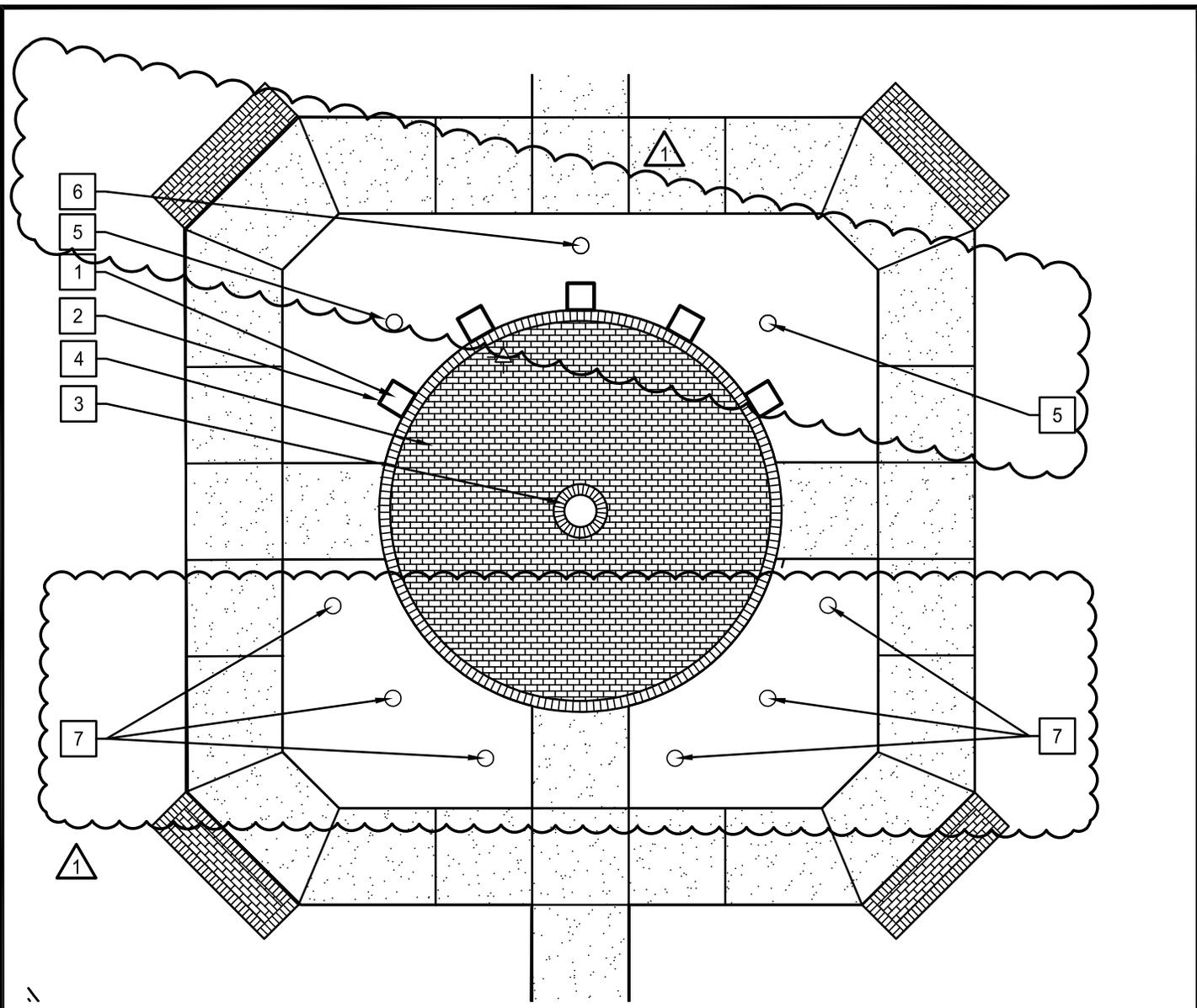
- A. At completion of work, provide qualified and trained personnel to demonstrate operation of each item of equipment and instruct Owner in operating procedures and maintenance.
 - 1. Test equipment prior to demonstration.
 - 2. Individual Performing Demonstration: Fully knowledgeable of all operating and service aspects of equipment.

3.6. PROTECTION

- A. Remove protective coverings from prefinished work.
- B. Protect finished work from damage.

END OF SECTION 11 4000

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1

HARDSCAPE MATERIALS PLAN - NORTH

SCALE: 1"=10'

KEYED NOTES

- 5. (2) DOWN LIT, ALUMINUM FLAG POLES. POLES TO BE 25' TALL. SEE DETAIL 2/L-202.
- 6. (1) DOWN LIT, ALUMINUM FLAG POLE. POLE TO BE 30' TALL. SEE DETAIL 2/L-202
- 7. (6) DOWN LIT, ALUMINUM FLAG POLES. POLES TO BE 20' TALL. SEE DETAIL 2/L-202.

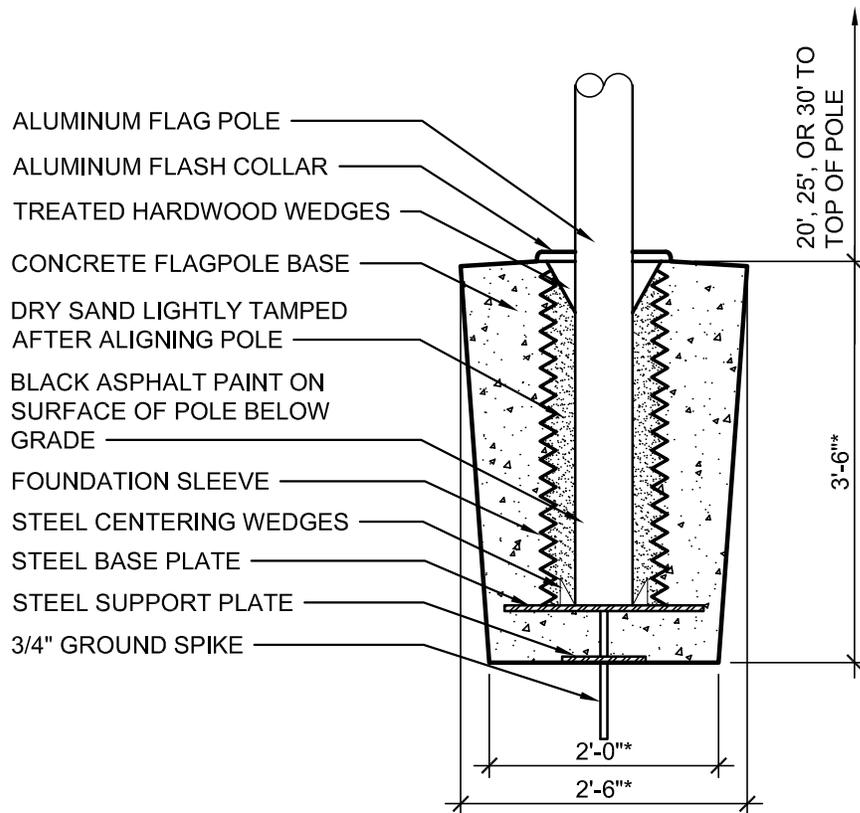
GENERAL NOTES

- 1. (30) SEASONAL FLAG POLE SLEEVES TO BE LOCATED BY OWNER IN FIELD. SEE DETAIL 3/L-202

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2400 Veterans Memorial Dr.
Cape Girardeau, MO 63701
ADDENDUM 3

PROJECT NO.: U1805-01
DRAWN: JLH
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DATE: 01/22/2020
SD-L-101.1



NOTES:

1. SEE PLANS FOR POLE HEIGHTS
2. ALL FLAG POLES TO BE DOWN LIT
3. SEE SPECIFICATION 10 7516 FOR MORE INFORMATION

2

FLAG POLE FOOTING

SCALE: NOT TO SCALE



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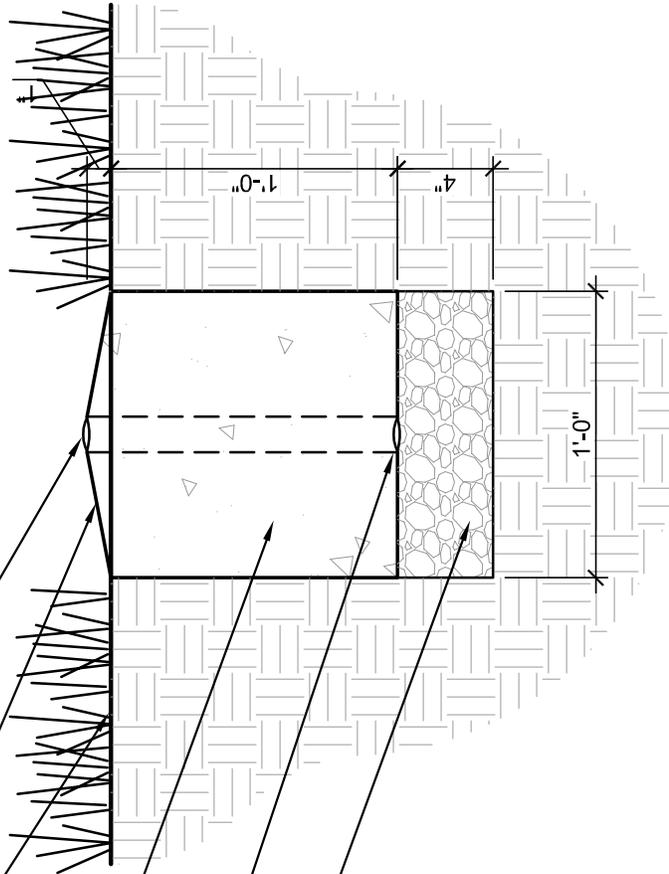
SD-L-202.1

PVC SLEEVE, DIAMETER TO BE COORDINATED WITH OWNER TO FIT SEASONAL FLAG POLES. CONTRACTOR SHALL ENSURE SLEEVES ARE PLUMB

SLOPE CONCRETE TO DRAIN
FINISHED GRADE

4000 PSI CONCRETE
ENSURE PVC SLEEVE OPENING IS CLEAR OF CONCRETE AND DEBRIS TO ALLOW FOR DRAINAGE

4" COMPACTED CA-7, WASHED ROCK AGGREGATE



3

SEASONAL FLAG POLE SLEEVE

SCALE: NOT TO SCALE

A. SEE S-001 FOR GENERAL STRUCTURAL NOTES.

B. SEE ARCHITECTURAL FOR DIMENSIONS NOT SHOWN.

C. SEE PLAN FOR T/BEAM NOTED THUS: $\frac{W24x55}{(14'-2\ 1/2")}$.

D. ROOF CONSTRUCTION: WOOD ROOF CONSTRUCTION 19/32 APA RATED SHEATHING – BLOCKED. NAILING AT PANEL EDGES IS 10d @ 4" O.C. W/MIN 1-1/2" PENETRATION AND 3" MIN NOMINAL WIDTH OF NAILED FACE AT ADJOINING PANEL EDGES AND BOUNDARIES. NAILING IN FIELD SHALL BE 10d @ 12" O.C. W/MIN 1-1/2" PENETRATION. BLOCKING REQUIRED AT ALL UNSUPPORTED EDGES.

E. COORDINATE SIZES AND LOCATIONS OF OPENINGS THROUGH FLOOR DECK WITH MECHANICAL CONTRACTOR.

F. FOR TYPICAL MOMENT CONNECTIONS, SEE 3&4/S-402.



ROOF FRAMING PLAN NOTES CORE - SD1

Scale: No Scale



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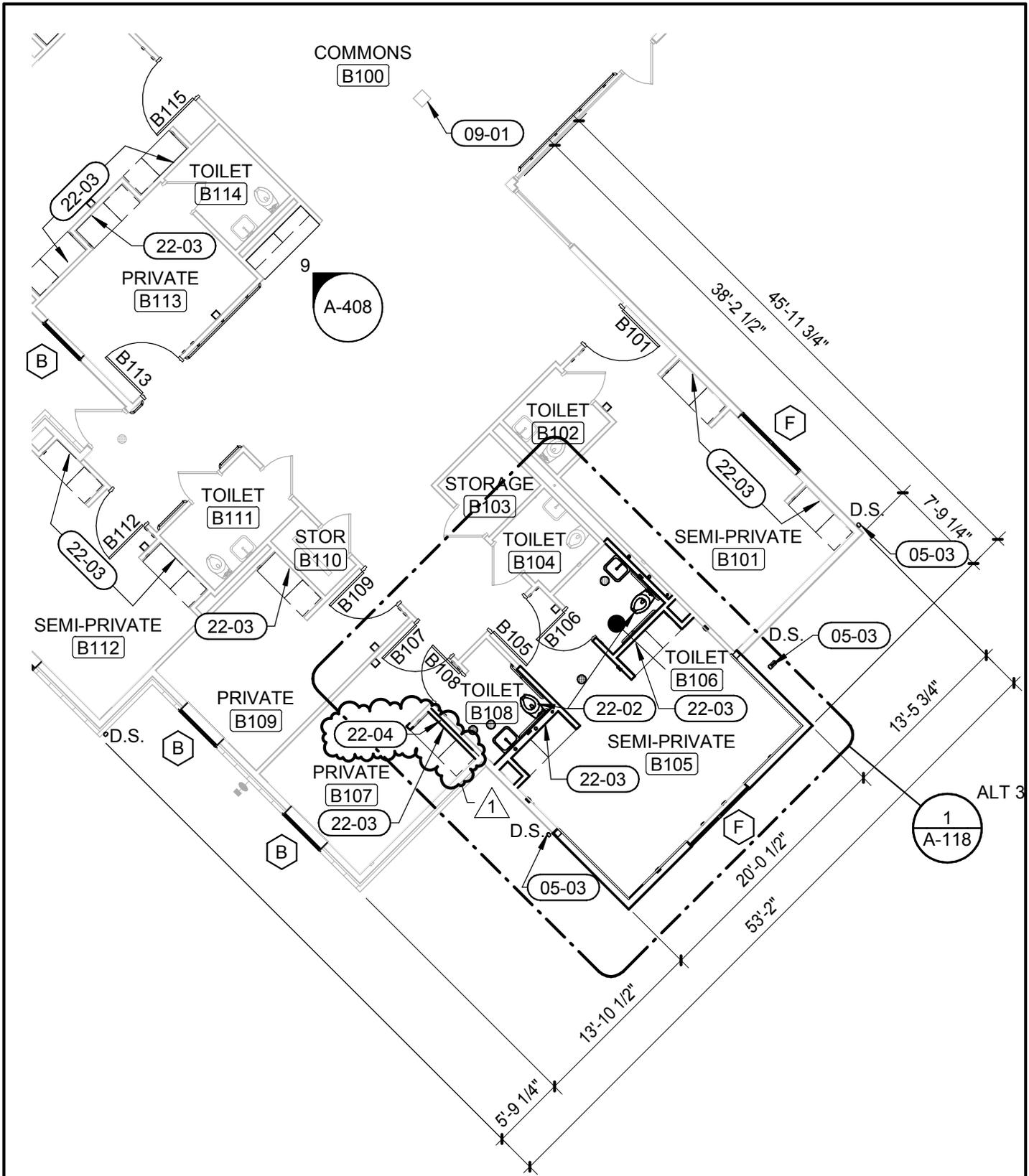
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REVIEWED: DKS
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1

ENLARGED FLOOR PLAN - WING B

Scale: 3/32" = 1'-0"

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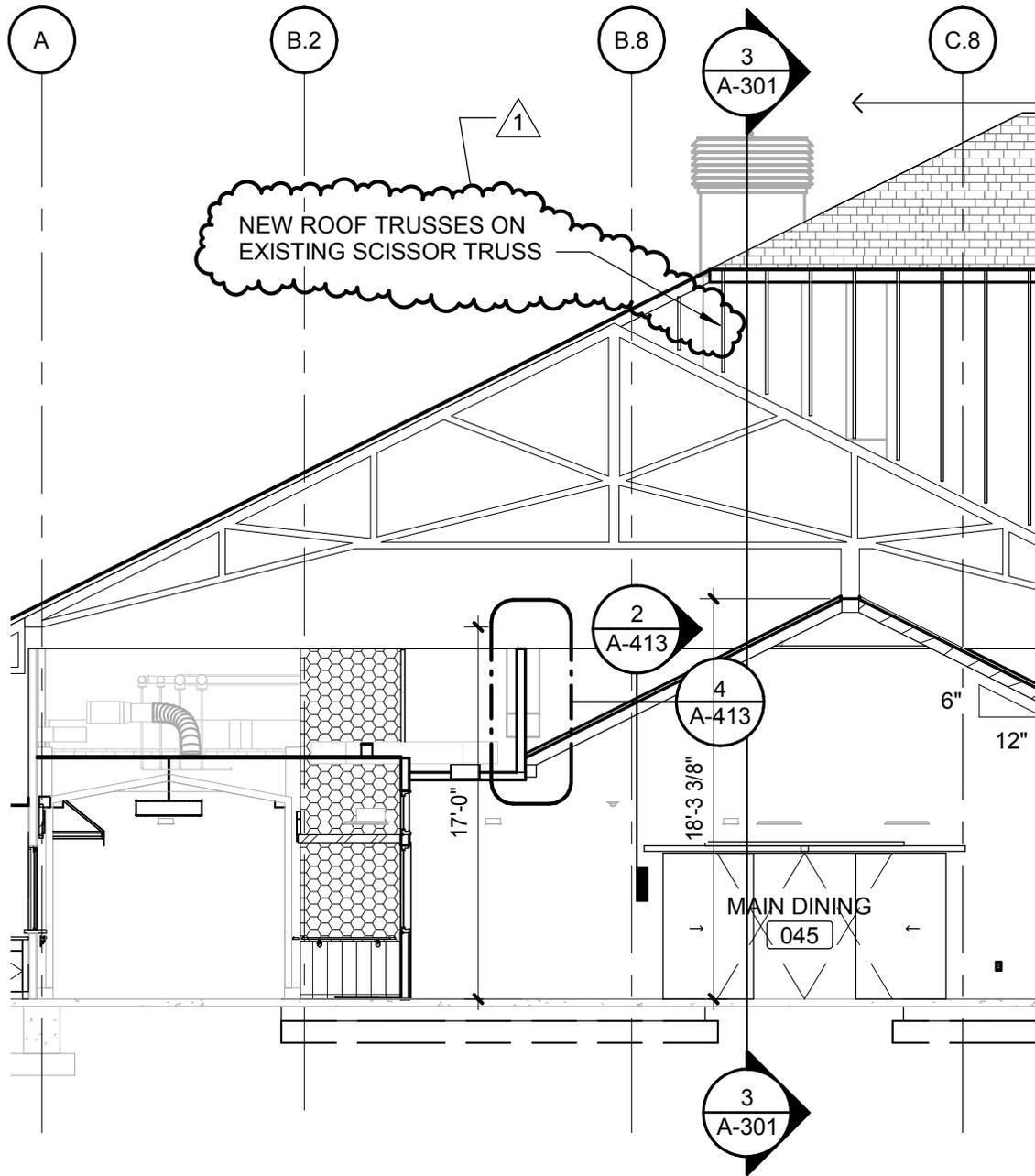
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1

BUILDING SECTION - DINING

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

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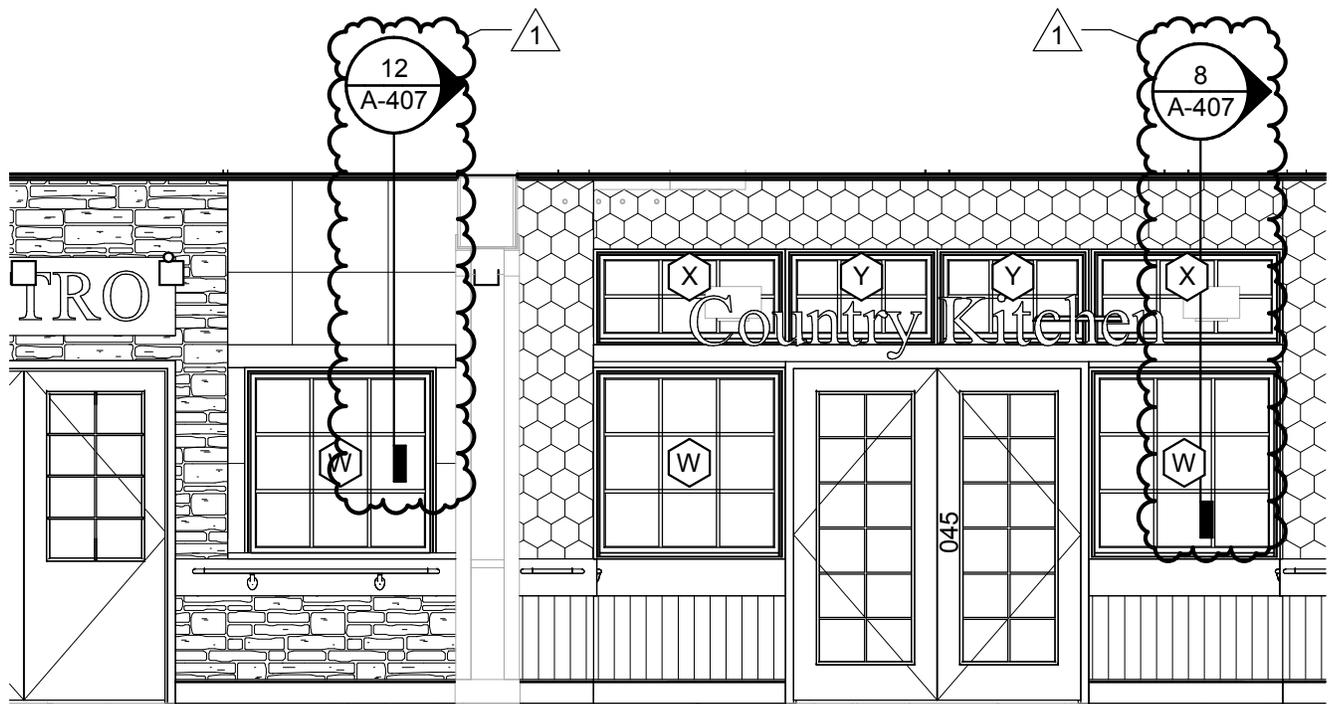
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BISTRO

DINING ROOM

1

MAIN STREET ELEVATION NORTH

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

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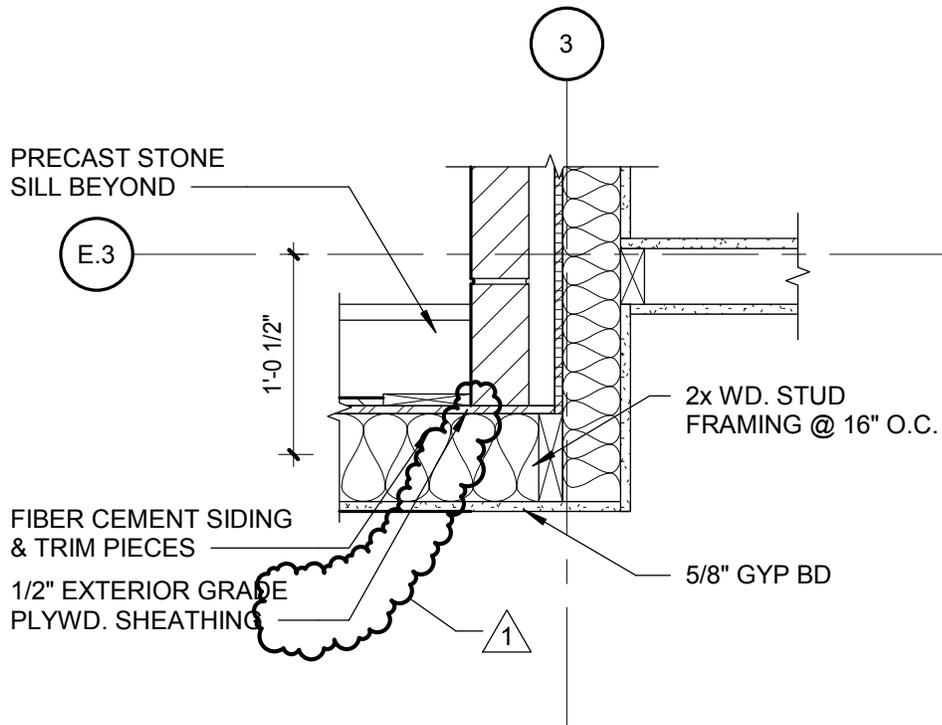
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5

ENLARGED DETAIL - SERVING AREA - REV 2

Scale: 1" = 1'-0"

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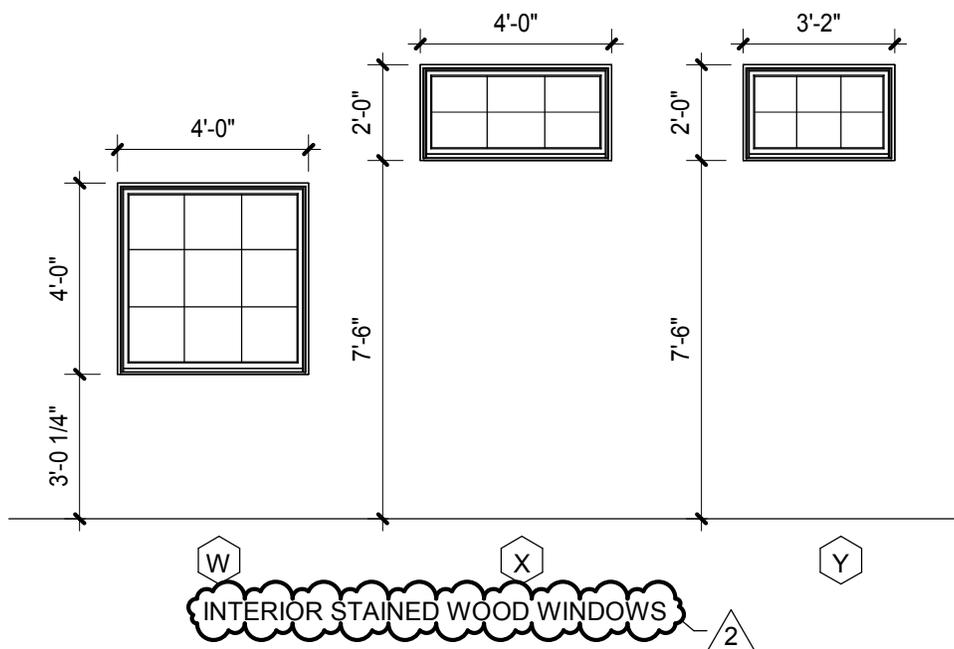
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WINDOW ELEVATIONS

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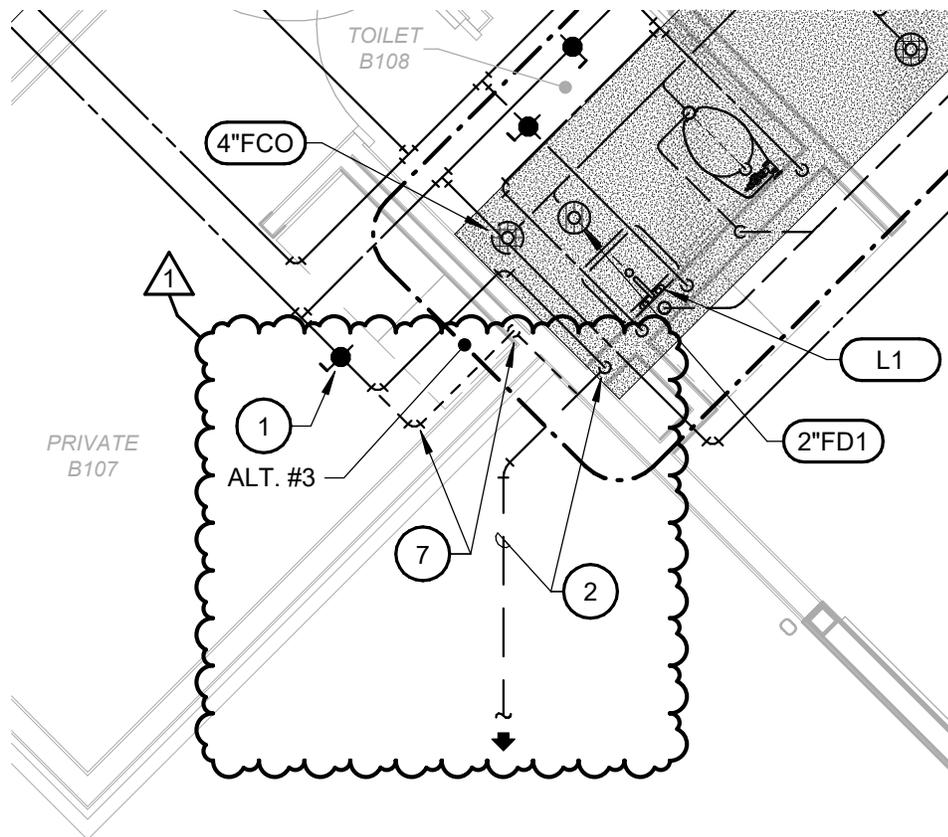
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DRAWN: JJH
REVIEWED: NRB
DATE: 01/22/2020

SD-A-603.3

KEYNOTES

1

- 2 PC TO EXTEND 1"PE WATER SERVICE PIPING THROUGH FOUNDATION WALL AND UP INTO NEW CHASE. PROVIDE PE x COPPER BRASS COMPRESSION ADAPTER JUST ABOVE FLOOR. SEE SITE UTILITY PLANS FOR CONTINUATION OF 1"CW FROM THIS LOCATION TO PAVILION. REFER TO KEYNOTE 7 SHOULD ALTERNATE BID #3 NOT BE ACCEPTED.
- 7 SHOULD ALTERNATE BID #3 NOT BE ACCEPTED AND ALTERNATE BID #1 GET ACCEPTED, PC SHOULD CONNECT TO SAME LOCATION ON EXISTING CW MAIN BUT ROUTE 1"CW DOWN IN BACK-RIGHT CORNER OF NEW STUD WALL BEHIND CASEWORK. PC TO PROVIDE CORE OR FLOOR CUT AND FOUNDATION WALL CUT-OUT AS REQUIRED TO FEED NEW 1" WATER LINE INTO SPACE AND COORDINATE INSTALLATION WITH RELATED GENERAL WORK SAME AREA.



WING B PARTIAL PLUMBING PLAN

1

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



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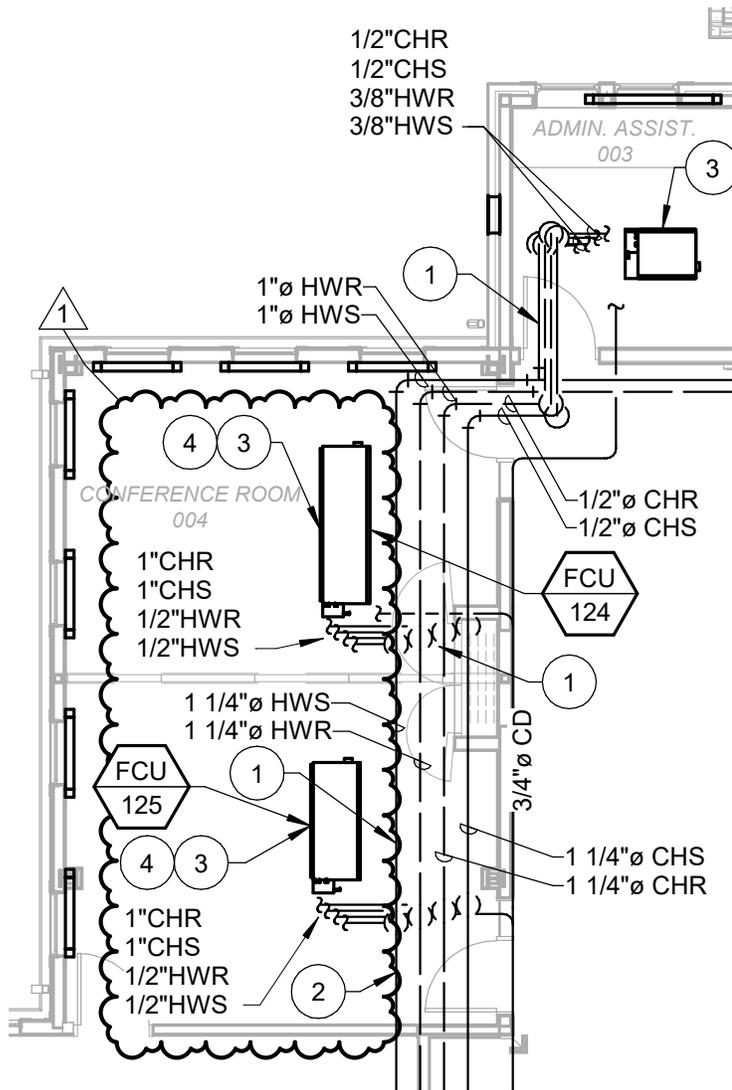
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CENTRAL CORE HYDRONIC PLAN

1

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



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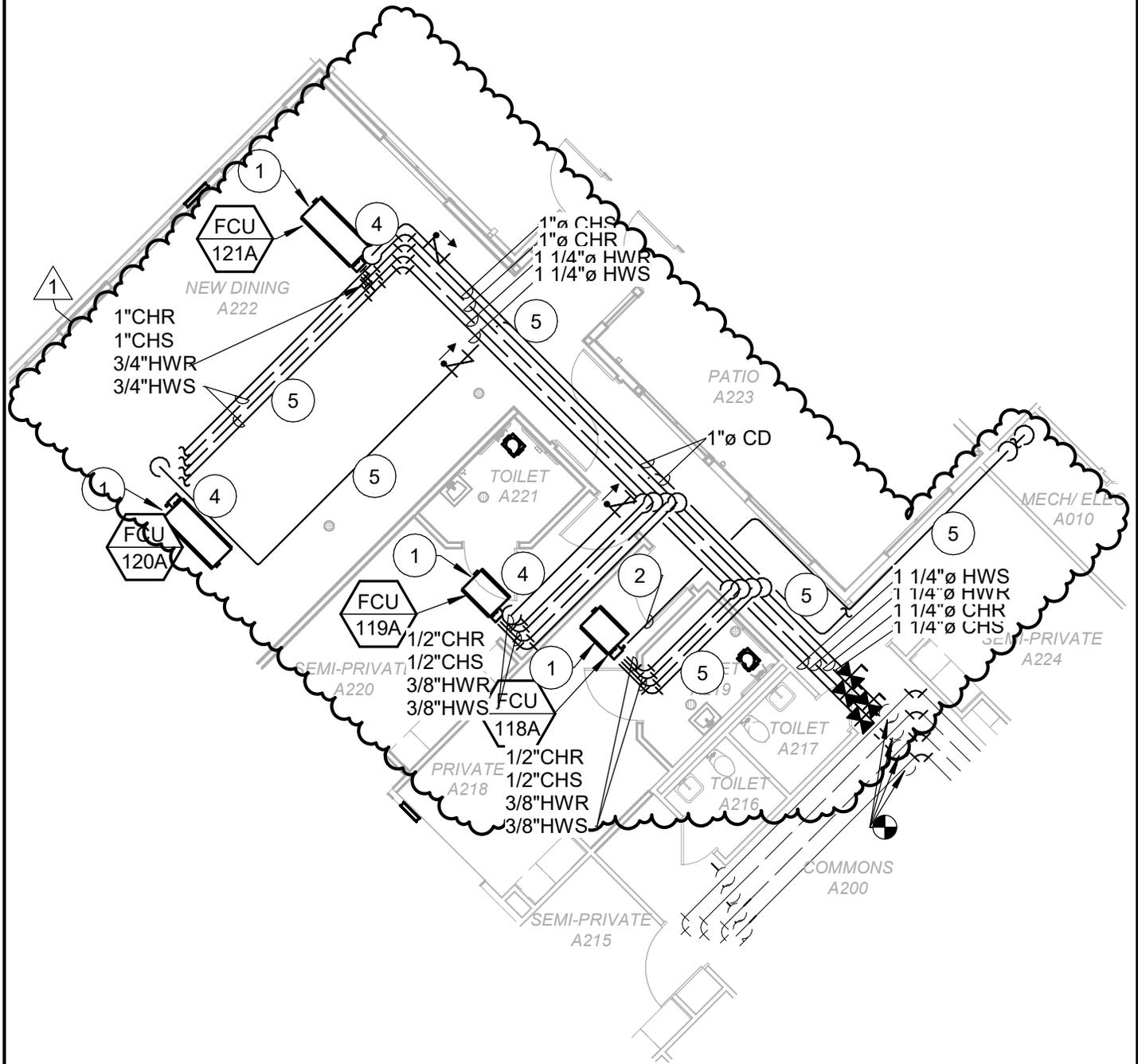
PROJECT NO.: U1805-01
DRAWN: AK/VLD/VUJ
REVIEWED: JMG
DATE: 01/22/2020

SD-M-111.1

KEYNOTES

#

5 COORDINATE HYDRONIC AND CONDENSATE DRAIN PIPING ROUTING WITH WOODEN TRUSSES AND DUCTWORK ABOVE CEILING.



1

WING A HYDRONIC PLAN

Scale: 3/32" = 1'-0"



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FAN COIL SCHEDULE

MARK	MANUFACTURER	MODEL	LOCATION	SUPPLY FAN				COOLING							HEATING			
				CFM	MIN. OA CFM	ESP (IN. W.C.)	HP	TOTAL CAP. (MBH)	SENS. (MBH)	FLOW (GPM)	MAX. FLUID P.D. (FT. W.C.)	EDB (°F)	LDB (°F)	EWT (°F)	LWT (°F)	TOTAL CAP. (MBH)	FLOW (GPM)	MAX. FLUID P.D. (FT. W.C.)
FCU-118A	AIRTHERM	UNITAIRE IV CPFR- 02-2-AC-A	PRIVATE RM A218	230	20	0.125	0.03	7.6	5.6	1.5	1.2	80	60.5	45	55	3.5	0.35	0.15
FCU-119A	AIRTHERM	UNITAIRE IV CPFR- 02-2-AC-A	SEMI-PRIVATE RM A220	230	20	0.125	0.03	7.6	5.6	1.5	1.2	80	60.5	45	55	3.5	0.35	0.15
FCU-120A	AIRTHERM	UNITAIRE IV CPFR-08-2-AC-A	NEW DINING A222	730	360	0.125	0.06	24	16.4	3.75	15.5	80.9	60.1	45	57.7	32.9	2	0.34
FCU-121A	AIRTHERM	UNITAIRE IV CPFR-08-2-AC-A	NEW DINING A222	730	360	0.125	0.06	24	16.4	3.75	15.5	80.9	60.1	45	57.7	32.9	2	0.34
FCU-122C	CARRIER	42DDA06	MECH 042	600	200	0.125	0.06	15.5	10.5	2.5	15.5	80.9	60.1	45	57.7	32.9	2	0.16
FCU-123	AIRTHERM	UNITAIRE IV CPFR -03-1-AC-A	ADMIN ASSIST 004	310	20	0.125	0.04	7.5	5.5	1.2	1	77	60.7	45	57.2	13.04	0.5	0.3
FCU-124	AIRTHERM	UNITAIRE IV CPFR -10-1-AC-A	CONF. ROOM 004 NORTH	1020	90	0.125	0.06	27.5	20.1	4.7	5.1	78	59.3	45	56.6	37.9	1.6	0.3
FCU-125	AIRTHERM	UNITAIRE IV CPFR -08-1-AC-A	CONF. ROOM 004 SOUTH	800	90	0.125	0.06	21.5	15.5	4.3	4	79	60.5	45	55	29.2	1.3	0.2

NOTES:

1. PROVIDE HIGH CAPACITY WATER COILS, PREWIRED SERVICE SWITCH, 2-WAY CONTROL VALVE PACKAGES FOR EACH COIL, UNIONS AND COIL STUBS, MANUAL CIRCUIT SETTER AND BALL SHUT OFF VALVES ON SUPPLY AND RETURN LINES.
2. PROVIDE REMOTE MOUNT 24-V BACNET TYPE WALL THERMOSTAT AND FAN CONTROL SWITCH. MOUNT THERMOSTAT 48" ABOVE FINISHED FLOOR.
3. PROVIDE WITH STAINLESS STEEL DRAIN PAN.
4. PROVIDE DUCT FLANGE CONNECTIONS AT UNIT PLENUM FOR FIELD CONNECTION TO OUTSIDE AIR.
5. 120V ECM MOTOR.

LOUVER SCHEDULE

MARK	MANUFACTURER	MODEL	SERVICE	CFM	FREE AREA (SF)	AIR SPEED (FPM)	MAX. AIR P.D. (IN. W.C.)	MATERIAL	FINISH	PHYSICAL DATA			REMARKS
										D (IN.)	W (IN.)	H (IN.)	
L1A	RUSKIN	ELF375DXH	OUTDOOR AIR	776	1.34	579	0.06	ALUMINUM	COLOR ANODIZED	4	24	18	1.2
L2A	RUSKIN	ELF375DXH	OUTDOOR AIR	600	1.7	353	0.05	ALUMINUM	COLOR ANODIZED	4	30	18	1.2
L3A	RUSKIN	ELF375DXH	EXHAUST AIR	200	0.56	357	0.05	ALUMINUM	COLOR ANODIZED	4	24	12	1.2
L4A	RUSKIN	ELF375DXH	EXHAUST AIR	200	0.56	357	0.05	ALUMINUM	COLOR ANODIZED	4	24	12	1.2
L5B	RUSKIN	ELF375DXH	EXHAUST AIR	200	0.56	357	0.05	ALUMINUM	COLOR ANODIZED	4	24	12	1.2
L6B	RUSKIN	ELF375DXH	OUTDOOR AIR	600	1.7	353	0.05	ALUMINUM	COLOR ANODIZED	4	30	18	1.2
L7B	RUSKIN	ELF375DXH	EXHAUST AIR	200	0.56	357	0.05	ALUMINUM	COLOR ANODIZED	4	24	12	1.2
L8B	RUSKIN	ELF375DXH	OUTDOOR AIR	600	1.7	353	0.05	ALUMINUM	COLOR ANODIZED	4	30	18	1.2
L9C	RUSKIN	ELF375DXH	OUTDOOR AIR	110	0.41	268	0.05	ALUMINUM	COLOR ANODIZED	4	18	12	1.2
L10C	RUSKIN	ELF375DXH	EXHAUST AIR	200	0.56	357	0.05	ALUMINUM	COLOR ANODIZED	4	24	12	1.2
L11C	RUSKIN	ELF375DXH	OUTDOOR AIR	600	1.7	353	0.05	ALUMINUM	COLOR ANODIZED	4	30	18	1.2
L12C	RUSKIN	ELF375DXH	EXHAUST AIR	200	0.56	357	0.05	ALUMINUM	COLOR ANODIZED	4	24	12	1.2
L13C	RUSKIN	ELF375DXH	OUTDOOR AIR	600	1.7	353	0.05	ALUMINUM	COLOR ANODIZED	4	30	18	1.2
L14	RUSKIN	ELF375DXH	OUTDOOR AIR	200	0.41	488	0.05	ALUMINUM	COLOR ANODIZED	4	18	12	1.2
L40	RUSKIN	ELF375DXH	EXHAUST AIR	600	1.4	429	0.035	ALUMINUM	COLOR ANODIZED	4	18	24	1.2

- NOTES:**
1. PROVIDE WITH INSECT SCREEN
 2. COORDINATE WITH ARCHITECT FOR COLOR SELECTION

1

MECHANICAL SCHEDULES

Scale: No Scale



20 ALLEN AVENUE, SUITE 200
ST LOUIS, MISSOURI 63119
(314) 962-7900 / info@f-w.com

UPGRADES AND RENOVATIONS MISSOURI VETERANS HOME

2400 Veterans Memorial Dr.
Cape Girardeau, MO 63701

ADDENDUM 3

PROJECT NO.: U1805-01
DRAWN: AK/VLD/VUJ
REVIEWED: JMG
DATE: 01/22/2020

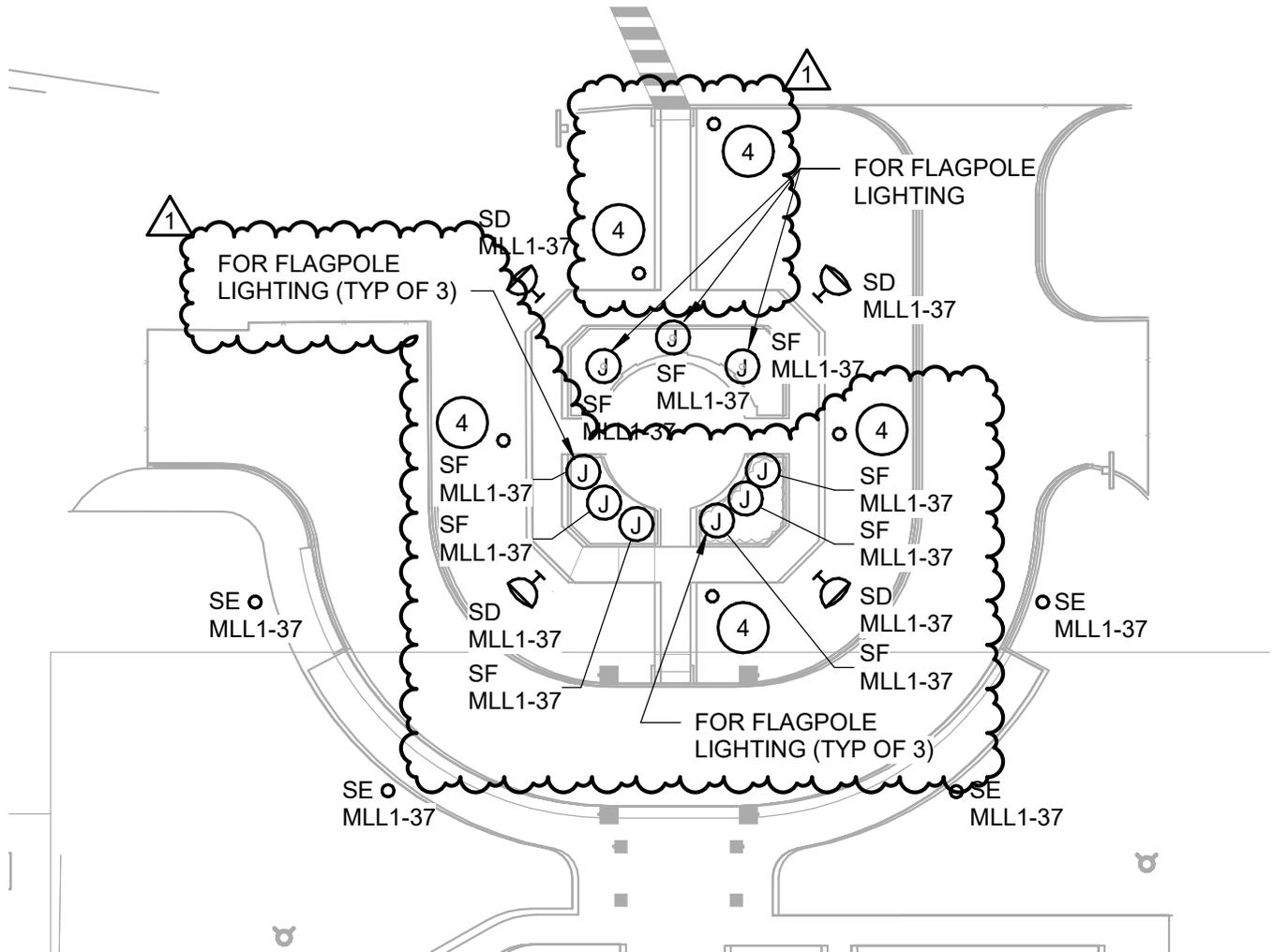
SD-M-601.1

GENERAL NOTES

1 A. EXTERIOR LUMINAIRES SHALL UTILIZE EXISTING LIGHTING CONTROLS.

KEYNOTES

1 4 FOUNDATION FOR FUTURE BOLLARD, STUB CONDUIT ABOVE FOUNDATION AND CAP FOR FUTURE USE.



1 ELECTRICAL SITE PLAN

Scale: 1" = 30'-0"

1/20/2020 7:57:46 AM

Farnsworth
GROUP
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PROJECT NO.: U1805-01
DRAWN: BPH
REVIEWED: BMS
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ADDENDUM 3

SD-E-113.1

KEYNOTES #

1

1 CANOPY LIGHTING TO BE CONTROLLED VIA EXISTING LIGHTING CONTROLS.

1/20/2020 7:58:01 AM



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PROJECT NO.: U1805-01
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DATE: 01/22/2020

SD-E-114.1

LUMINAIRE SCHEDULE

TYPE	MANUFACTURER	CATALOG NUMBER	LAMR DESCRIPTION	VOLTAGE	LOAD (VA)	FINISH	MOUNTING	DESCRIPTION
SC	NOT USED		-	120 V	-	-	-	
SE	BY OTHERS	OWNER FURNISHED/ CONTRACTOR INSTALLED	LED	120 V	-	-	-	RELOCATED STREET LIGHT

1



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