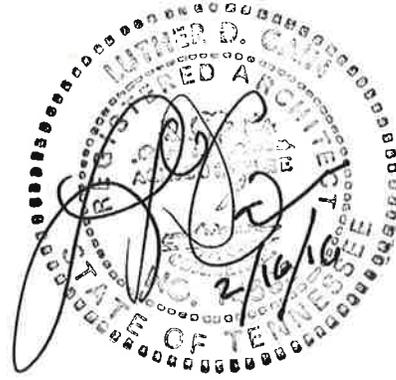


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## ADDENDUM NUMBER ONE

**A New Agricultural Facility For  
Sullivan County Tennessee  
Blountville, Tennessee**

**February 16, 2016**

The following items are additions, deletions, changes and / or clarifications to the bid documents dated January 29, 2016, and shall be incorporated within and attached thereto.

### **General Clarifications:**

Item 1: The Bid Date has been extended. **The new Bid Date is Friday, February 26, 2016, at 2:30 P.M. prevailing time.** The location for receipt of bids is unchanged.

Item 2: Section 002213 – Supplementary General Conditions to AIA Document A 201 (2007 Edition), *General Conditions to the Contract for Construction*, shall be incorporated into the Project Specifications.

Item 3: Specification Section 085113 – Aluminum Windows. Exterior windows may, at the contractor's option, be aluminum storefront window systems in lieu of the pre-manufactured aluminum framed windows specified. Frames must meet the finish and color requirements as well as glazing requirements, specified for aluminum windows.

Item 4: Specification Section 064400 – Ornamental Woodwork. Wood species for exterior wood columns and posts shall be Douglas Fir in lieu of all Heart Redwood.

Item 5: Drawing I-40 – Casework Details.

- Elevation L / I-40: Section cut noted as "H / I-41" shall read "C / SD-3". See attached Supplementary Drawing SD-3.
- Elevation P / I-40: Section cut noted as "F / I-41" shall read "A / SD-1". See attached Supplementary Drawing SD-1.
- Elevation P / I-40: Section cut noted as "G / I-41" shall read "B / SD-2". See attached Supplementary Drawing SD-2.

Item 6: Specification Section 051299 – Structural Steel: The requirement for AISC Certification of steel fabricators is hereby deleted from the specifications. This certification will no longer be required.

Item 7: Clarification – Metal building insulation will not be required in exterior stud wall construction. Stud walls shall contain standard fiberglass batts as detailed in the wall and building sections.

Item 8: Clarification – Roof and exterior metal building walls require a minimum of 6 inches of reinforced vinyl-faced fiberglass insulation.

Item 9: Clarification – Alternate 2 is for the complete replacement of existing metal roofing and existing metal building wall panels. If the alternate is accepted, new insulation will be required throughout at both the roof and the exterior walls.

Item 10: The following listing identifies the General Contractors, who to date, have indicated their intent to submit a bid for the project. (The listing does not include any potential prime bidders who may be assembling a bid through plan room documents, and who have not had direct contact with the Architect or the Owner.)

- Armstrong Construction (Ben McMurry, 423-246-6185)
- Frizzell Construction (Joe Smith, 423-764-5107)
- J.A. Street & Associates, Inc. (Brian Poe, 423-323-8017)
- Landmark Corporation (Mike Price, 423-926-7135)
- McSpadden Inc. (Kevin Bryant, 865-397-3822)
- Merit Construction (Aaron Gilreath, 865-966-4100)
- Quesenberry's, Inc. (James "Cotton" Stone, 276-523-0411)

Item 11: "Star" is not an approved metal building manufacturer. (The material submitted by the bidder is inconclusive.)

Item 12: Drawing A-02 – Limits of concrete floor cuts for plumbing lines have been revised.

Item 13: Drawing A-11 – Wall types for CMU construction have been revised to include 8" CMU.

Item 14: Drawing A-15 – Revised eave detail "A / A-15". Add 8 skylight panels in Arena roof.

Item 15: Drawing A-30 – Detail cross references and call-outs have been revised.

Item 16: Drawing A-32 – Detail cross references have been revised to match revised call-outs on Drawing A-30.

Item 17: Drawing I-22: New skylight locations are added to the Arena Reflected Ceiling Plan to coordinate with the locations indicated on Roof Plan A-15.

Item 18: Drawing A-21 – Dimensional information for the existing Arena structure has been included on the existing Building Elevations.

Item 19: See attached Supplementary Drawing SD-4 for revisions to Rooftop Heat Pump Schedule.

This addendum consists of eight (8) pages of 8 ½" x 11" written text, five (5) pages of 8 ½" x 11" Supplementary Drawings, and fourteen (14) sheets of 30" x 42" revised drawings.

**END OF ADDENDUM NUMBER ONE**

**SPODEN & WILSON  
CONSULTING ENGINEERS**

STEVE D. WILSON, P.E.

PHONE (423) 245-1181  
FAX (423) 245-0852  
338 E. CENTER STREET  
SUITE #2  
KINGSPORT, TENNESSEE  
37660

REGISTRATIONS:  
NORTH CAROLINA  
TENNESSEE  
TEXAS  
VIRGINIA

February 16, 2016

A New Agricultural Facility for  
Sullivan County, Tennessee  
Blountville, Tennessee

Structural Addendum Items:

1. Refer to Structural Drawings, Sh. S-10, FOUNDATION AND FOOTING PLAN and LOW ROOF – FRAMING PLAN, Sh. S-12: Column Line "G" is to relocate from its currently depicted location to 2'-0" off of Column Line "F". Adjust all applicable dimensions and structural components lengths, etc. associated with this Column Line "G" translation accordingly. See attached revised Sh. S-10, dated 2-16-16, for additional information.
2. Refer to Structural Drawings, Sh. S-11, SECTIONS, DETAILS AND GENERAL NOTES: Delete TYPICAL COLUMN BASE DETAIL NO. 1.
3. Refer to Structural Drawings, Sh. S-10, FOUNDATION AND FOOTING PLAN: Saw-cut existing slab-on-grade and provide 2'-0" x 1'-0" Cont. Wall Footings with 3 - #6 Cont. and #3 @ 48" Transverse as indicated by attached revised Sh. S-10, dated 2-16-16. Refer to Architectural Sh. I-22, SECTION 1/I-22 for CMU Walls and Framing Details and Platform Heights, etc. superimposed on these walls and added foundations.
4. Refer to Structural Drawings, Sh. S-12, SECTIONS 4, 5 and 6/S-12: All added double sloping Channels (C8x11.5) members to anchor together with  $\frac{3}{4}$ " A325 Thru-Bolts and 1" Dia. "Offset" Sleeve Spacers similar to the vertical C8 installations depicted by these SECTIONS. See attached revised Sh. S-12, dated 2-16-16, for additional clarification. All new structural steel to structural steel connections (i.e., Angles to Channels, Channels to Channels, etc. to include  $\frac{1}{4}$ " Fillet Welds (field welds), all-around, Typ.
5. Refer to Structural Drawings, Sh. S-12, SECTIONS 2, 2A, 3, 3A, 4 and 5/S-12: The 1" x  $\frac{3}{8}$ " x 0'-5" Plate "Stitching" to be at 12" spacing each applicable added L4x4 or L5x5 "Web" location.

A New Agricultural Facility for  
Sullivan County, Tennessee  
Blountville, Tennessee  
February 16, 2016  
Page 2

Civil Addendum Items:

6. Refer to Civil Drawings, Sh. C-11, SITE CIVIL LAYOUT PLAN: Include the new Dumpster Pad and "LP" Tank and Transformer Pad locations as depicted on said updated sheet C-11, dated 2-16-16. Refer to Civil Drawings, Sh. C-51 for Dumpster Pad and Exterior Pads slab details.
7. Refer to Civil Drawings Sh. C-13, SITE UTILITIES PLAN: Revise Water Lines and Valves and associated Appurtenances to include a new 6" Fire Line to each Building as updated and depicted on revised Sh. C-13, dated 2-16-16.
8. Refer to Civil Drawings, Sh. C-12, SITE GRADING AND DRAINAGE PLAN: The "as-designed" finish grading of the proposed site adjustments does result in fairly significant excess fill "borrow" excavation as compared to on-site cut excavation. It shall be the contractor's option regarding the attainment of said excess "borrow" material from either an off-site source or from the north end (rear) embankment slope on-site. All borrow excavation areas (off-site or on-site) will require review and approval by TDEC and the successful general contractor and applicable grading sub-contractor will be required to amend the current SWPPP and NOI and submit said "borrow" excavation plan and identified area(s) to TDEC for approval.

END OF STRUCTURAL / CIVIL ADDENDUM

w/ Attachments



A New Agricultural Facility For  
Sullivan County Tennessee  
Blountville, Tennessee

DOCUMENT 002213  
SUPPLEMENTARY GENERAL CONDITIONS  
TO AIA DOCUMENT A201 (2007 EDITION)

The following supplements modify, change, delete from or add to the *General Conditions of the Contract for Construction*. Where any article of the general conditions is modified, or any paragraph, subparagraph or clause thereof is modified or deleted by these supplementary conditions, the unaltered provisions of that article, paragraph, subparagraph or clause shall remain in full effect. Provisions of the General Conditions of *AIA Document A201 (2007 Edition)*, and the Supplementary General Conditions appended thereto, shall be deemed equally applicable to all major Divisions of the Project Specifications.

SUPPLEMENTS:

The following Article, Paragraph, Subparagraph and Clause numbering of Supplements is consistent with the General Conditions documents modified herein.

ARTICLE 1 – GENERAL PROVISIONS

In the event of conflicts or discrepancies among the Contract Documents, interpretations will be based on the following priorities:

The Agreement:

Addenda, with those of the later date having precedence over those of earlier date.

The *Supplementary General Conditions*.

The *General Conditions of the Contract for Construction*.

Drawings and Specifications.

In the case of an inconsistency between Drawings and Specifications, or within either Document not clarified by Addendum, the better quality or greater quantity of Work shall be provided in accordance with the Architect's interpretation.

ARTICLE 2 – OWNER

The Contractor will be furnished free of charge 10 copies of Drawings and Project Manuals. Additional sets will be furnished at the cost of reproduction, postage and handling.

ARTICLE 5 – SUBCONTRACTORS

5.2.1.1 Not later than 5 days after the date of commencement, the Contractor shall furnish in writing to the owner through the Architect the names of persons or entities proposed as manufacturers for each of the products identified in the Federal Requirements (Division 1 of the Specifications) and, where applicable, the names of the installing Subcontractor.

ARTICLE 7 – CHANGES IN THE WORK

7.3.7 Construction Change Directives

Add the following:

In the first sentence, delete the words "a reasonable amount" and substitute "an allowance for overhead and profit in accordance with Clauses 7.3.11.1 through 7.3.11.6 below.

Add the following Subparagraph 7.3.11 to 7.3:

7.3.11 in Subparagraph 7.3.7, the allowance for the combined on the following schedule:

.1 For the Contractor, for Work performed by the Contractor's own forces, 6.5 percent of the cost.

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.2 For the Contractor, for Work performed by the Contractor's Subcontractor, 6.5 percent of the amount due the Subcontractor.

.3 For each Subcontractor or Sub-subcontractor involved, for Work performed by that Subcontractor's or Sub-subcontractor's own forces, 7.5 percent of the cost.

.4 For each Subcontractor, for Work performed by the Subcontractor's Sub-subcontractors, 7.5 percent of the amount due the Sub-subcontractor.

.5 Cost to which overhead and profit is to be applied shall be determined in accordance with Subparagraph 7.3.7

.6 In order to facilitate checking of quotations for extras or credits, all proposals, except those so minor that their propriety can be seen by inspection, shall be accompanied by a complete itemization of costs including labor, materials and Subcontracts. Labor and materials shall be itemized in the manner prescribed above. Where major cost items are Subcontracts, they shall be itemized also. In no case will a change involving over \$500.00 be approved without such itemization.

#### ARTICLE 9 – PAYMENTS AND COMPLETION

9.3.1.3 Until Substantial Completion, the Owner shall pay 95 percent of the amount due the Contractor on account of progress payments.

9.3.2 (No modification is usually required.)

#### 9.8 SUBSTANTIAL COMPLETION

Add the following sentence:

The payment shall be sufficient to increase the total payments to 100 percent of the Contract Sum, less such amounts, as the Architect shall determine for incomplete Work and unsettled claims.

#### ARTICLE 11 – INSURANCE AND BONDS

11.1.1.1 Delete the semicolon at the end of Clause 11.1.1.1 and add:  
, including private entities performing Work at the site and exempt from the coverage on account of number of employees or occupation, which entities shall remain voluntary compensation coverage at the same limits specified for mandatory coverage for the duration of the Project;

11.1.1.2 Delete the semicolon at the end of Clause 11.1.1.2 and add:  
or persons or entities excluded by statute from the requirements of Clause 11.1.1.1 but required by the Contract Documents to provide the insurance required by that Clause;

11.1.1.9 If the general Liability coverages are provided by a Commercial General Liability Policy on a claims-made basis, the policy date of Retroactive Date shall predate the Contract; the termination date of the policy or applicable extended reporting period shall be no earlier than the termination date of coverages required to be maintained after final payment, certified in accordance with Subparagraph 9.10.2.

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Add the following Clause 11.1.2.1. to 11.1.2:

The insurance required by Subparagraph 11.1.1 shall be written for not less than the following limits, or greater if required by law:

Workers' Compensation:

(a) State:		Statutory
(b) Applicable Federal (e.g., Longshoremen's):		Statutory
(c) Employer's Liability: \$ 500,000		per Accident
	\$1,000,000	Disease, Policy Limit
	\$ 500,000	Disease, Each Employee

Comprehensive or General Liability (including Premises-Operations; Independent Contractors' Protective, Products and Completed Operation; Broad Form property Damage):

Bodily Injury:	\$1,000,000	Each Occurrence
	\$2,000,000	Aggregate
Property Damage:	\$1,000,000	Each Occurrence
	\$2,000,000	Aggregate

Products and Completed Operations to be maintained for 3 years after final payment:  
\$2,000,000 Aggregate

(d) Property Damage Liability Insurance shall provide X, C, and U coverage.

(e) Broad Form Property Damage coverage shall include Completed Operations.

Contractual Liability:

Bodily Injury:	\$1,000,000	Each Occurrence
	\$2,000,000	Aggregate

Personal Injury, with Employment Exclusion deleted:

\$1,000,000 Aggregate

Business Auto Liability (including owned, non-owned and hired vehicles):

Bodily Injury:	\$1,000,000	Each Person
	\$2,000,000	Each Occurrence

Property Damage: \$1,000,000 Each Occurrence

If the General Liability Coverages are provided by a Commercial Policy, the:

General Aggregate shall be not less than \$2,000,000 and it shall apply, in total, to this Project only.

Fire Damage Limit shall be not less than \$100,000 on any one fire.

Medical Expense Limit shall be not less than \$1,000,000 on any one person.

Umbrella Excess Liability:

\$2,000,000 over primary insurance.

A New Agricultural Facility For  
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Add the following sentence to Subparagraph 11.1.3:

If the insurance is written on the Comprehensive General Liability Policy Form, the Certificates shall be AIA Document G715, Certificate of Insurance. If this insurance is written on a Commercial General Liability Policy Form, ACORD Form 25S will be acceptable.

11.4 PERFORMANCE BOND AND PAYMENT BOND

Delete Subparagraph 11.4.1 and substitute the following:

The Contractor shall furnish bonds covering faithful performance of the Contract and payment obligations arising thereunder. Bonds may be obtained through the Contractor's usual source and the cost thereof shall be included in the Contract Sum. The amount of each bond shall be equal to 100 percent of the Contract Sum.

11.5.1.1 The Contractor shall deliver the required bonds to the Owner not later than three days following the date the Agreement is entered into, or of the date the Work is to be commenced prior thereto in response to a letter of intent, the Contractor shall, prior to the commencement of the work, submit evidence satisfactory to the Owner that such bonds will be furnished.

11.5.1.2 The Contractor shall require the attorney-in-fact that executes the required bonds on behalf of the surety to affix thereto a certified and current copy of the power of attorney.

ARTICLE 15 – CLAIMS AND DISPUTES

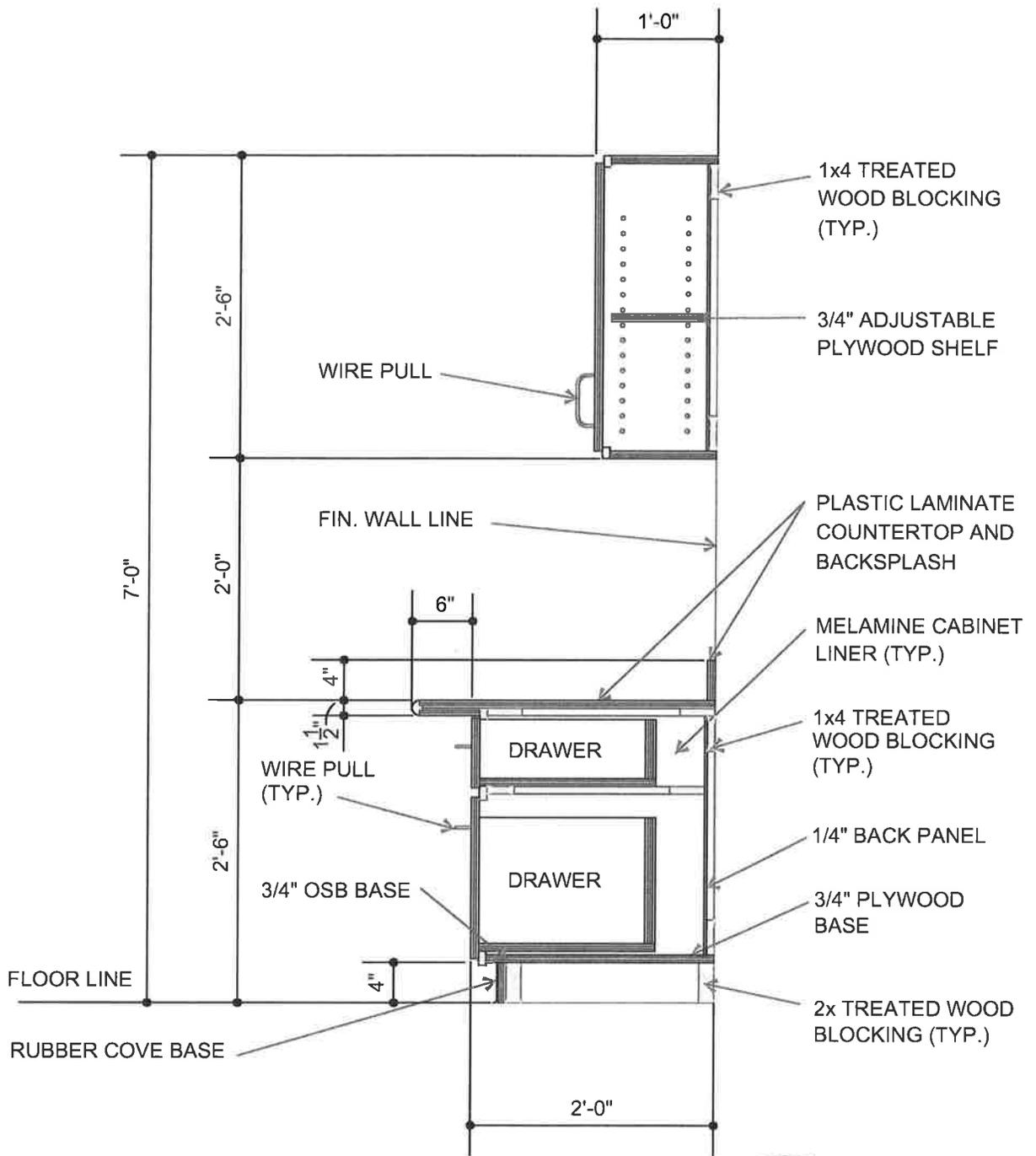
15.4.1 Arbitration

Add the following:

Any Arbitration Hearings necessary hereunder shall be conducted and held in the county of project location and the contractor does hereby consent and agree to same.

END OF SECTION 002213

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# SECTION

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

A  
SD-1

I-40

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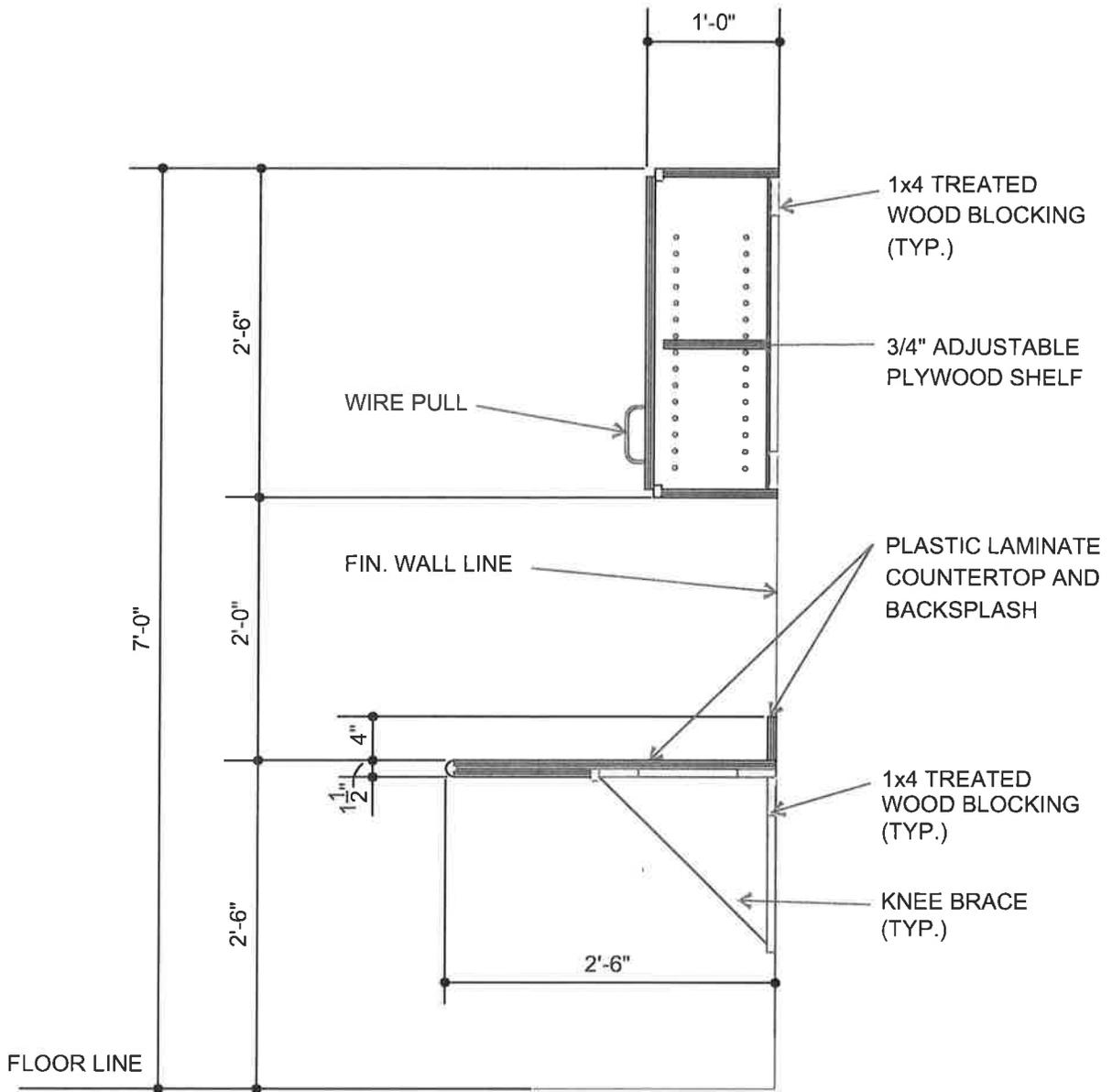
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issued	2-15-16
drawn by	DLS
project no.	201538
drawing name	CASEWORK DETAILS

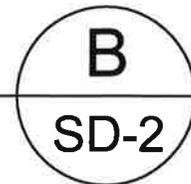
**SD-1**

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# SECTION

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



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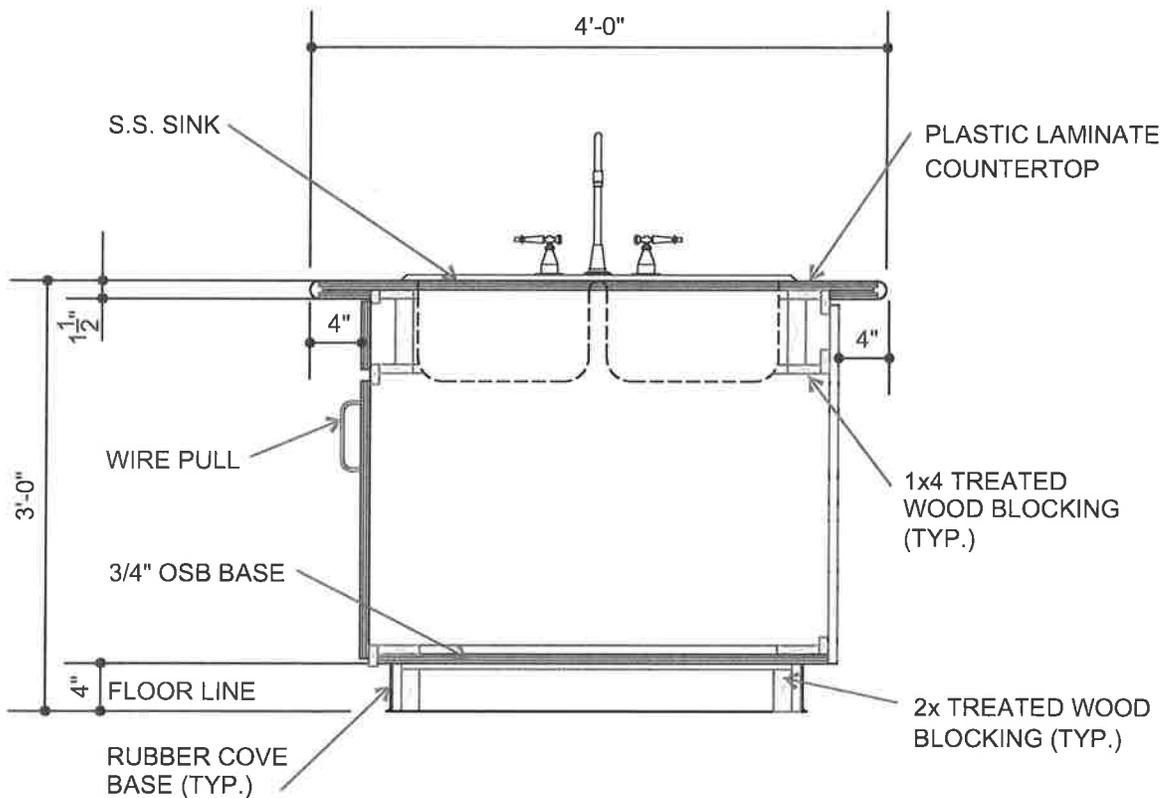
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issued	2-15-16
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drawing name	CASEWORK DETAILS

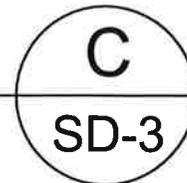
## SD-2

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# SECTION

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



I-40

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issued	2-15-16
drawn by	DLS
project no.	201538
drawing name	CASEWORK DETAILS

## SD-3

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### ROOFTOP HEAT PUMP SCHEDULE

DESIGNATION	RTU-1	RTU-2	RTU-3	RTU-4	RTU-5	RTU-6	RTU-7
AIR FLOW TOTAL AIR - CFM	2000	1200	1200	1200	3400	4000	4000
EXTERNAL STATIC PRESS.-IN. W.G.	0.6	0.6	0.6	0.6	0.6	0.6	0.6
INDOOR MOTOR FAN SIZE - HP	1/2	1/2	1/2	1/2	2/2	3/2	3/2
VENT. AIR FLOW RATE - CFM	275	165	160	140	850	970	910
<b>COOLING</b>							
COOLING CAP #	44400	27100	27100	27100	74600	86600	86600
SENS. BTUH	60200	35300	35300	35300	48300	117600	117600
TOTAL BTUH	80187	80187	80187	80187	80187	80187	80187
ENTERING AIR TEMPERATURE	14.0/-	14.0/-	14.0/-	14.0/-	-11.0	-11.0	-11.0
SEER/SEER @ ARI CONDITIONS							
<b>HEATING</b>							
HEATING CAP #	57500	36200	36200	36200	48600	116100	116100
47°F A/B.	15.0/-	15.0/-	15.0/-	15.0/-	30.0/-	45.0/-	45.0/-
AUX KWH / STEPS							
COP @ ARI CONDITIONS	3.12	3.64	3.64	3.64	3.3	3.3	3.3
<b>ELECTRICAL</b>							
ELC. CABIN (VOLTS/PHAS)	208/3/60	208/3/60	208/3/60	208/3/60	208/3/60	208/3/60	208/3/60
MCANDCP	63.0/70	57.0/60	57.0/40	57.0/60	125.0/125	166.0/175	166.0/175
WEIGHT	948	891	891	891	1452	1525	1525
MANUFACTURER	LENNOX	LENNOX	LENNOX	LENNOX	LENNOX	LENNOX	LENNOX
MODEL NO.	K180605	K180365	K180365	K180365	K14A1205	K14A1205	K14A1205
<b>CONTROLS</b>							
OPERATING	TS1AT	TS1AT	TS1AT	TS1AT	TS1AT	TS1AT	TS1AT
FIRE/SMOKE	SMOKE	SMOKE	SMOKE	SMOKE	SMOKE	SMOKE	SMOKE
SUPPLY	SMOKE	SMOKE	SMOKE	SMOKE	SMOKE	SMOKE	SMOKE

1. PROVIDE 7-DAY PROGRAMMABLE WALL THERMOSTAT WITH AUTO-CHANGEOVER.
2. PROVIDE 1" VIBRATION ISOLATION INTEGRAL TO THE ROOF CURB.
3. PROVIDE TRAPPED CONDENSATE LINE AND SPILL ON ROOF.
4. ALTERNATIVE MANUFACTURERS: CARRIER, TRANE
5. PROVIDE FLEX DUCT CONNECTIONS.
6. PROVIDE FLEX DUCT CONNECTIONS.
7. PROVIDE FILTER RACK W/ 2" THICK PLASTIC FILTERS.
8. PROVIDE ECONOMIZER CYCLE WITH 100% O.A. DAMPER AND BAROMETRIC RELIEF WITH COMPENSATIVE ENTHALPY CONTROL.

plotted: 2/16/2016 9:59:41 AM file: SD4\_ADDENDUM1.DWG

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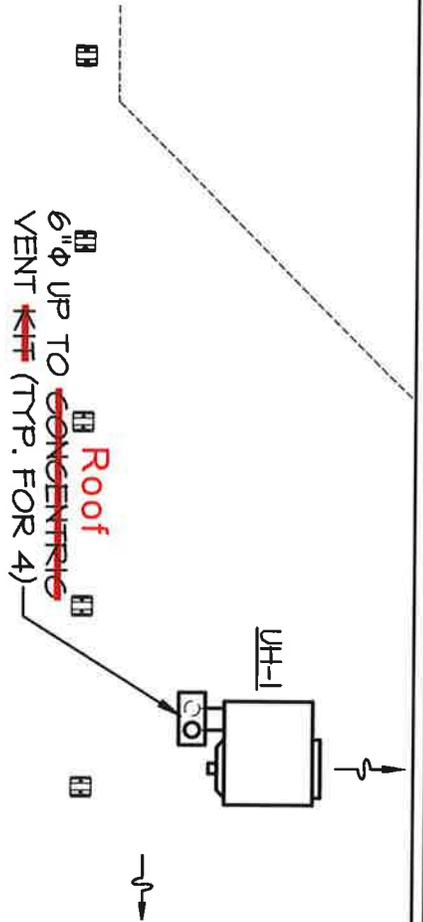
A New Agricultural Facility For  
**Sullivan County Tennessee**  
Blountville, Tennessee

**Cain  
Rash  
West**  
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issued 2-15-16  
drawn by DLS  
project no. 201538  
drawing name HEAT PUMP SCHEDULE  
**SD-4**

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### LP GAS HEATER SCHEDULE

DESIGNATION	UH-1	1RTH-1
CFM	3840	-
FAN (HP)	1/2	-
MBH - INPUT	300	28
MBH - OUTPUT	249	-
ELECTRICAL	115/1/60	115/1/60
CONTROL	TSTAT	TSTAT
DESIGN MANUFACTURER	REZNOR	SOLARONICS
MODEL NO.	UDAP	PCTH-L
VENT SIZE IN.	6	3
NOTES		

1. PROVIDE MOUNTING HARDWARE.
2. ELECTRONIC IGNITION, PROVIDE 120V SUPPLY WITH 24 VOLT CONTROL TRANSFORMER.
3. ALTERNATIVE MANUFACTURERS: MODINE
4. PROVIDE GAS TRAIN PIPING INCLUDING MANUAL SHUT OFF. GAS CONTROL VALVE PACKAGE, UNION AND DIRT LEG.
5. ~~PROVIDE CONCENTRIC VENT KIT AND VENT IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.~~
6. PROVIDE TYPE B GAS VENT WITH ROOF THIMBLE AND CAP.
7. PROVIDE 2-WAY DISCHARGE LOUVERS.
8. PROVIDE LINE VOLTAGE WALL THERMOSTAT.

issued	2-15-16
drawn by	CDR
project no.	201538
drawing name	LP GAS HEATERS

**SD-5**

A New Agricultural Facility For  
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 Blountville, Tennessee

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