



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
DNR209090

PAGE
1

ADDRESS CORRESPONDENCE TO ATTENTION OF
FRANK WHITTAKER 804-558-2316

VENDOR	RFQ COPY
	TYPE NAME/ADDRESS HERE

SHIP TO	DIVISION OF NATURAL RESOURCES
	ELKINS OFFICE RANDOLPH CENTER - SUITE 222 1200 HARRISON AVENUE ELKINS, WV 26241

DATE PRINTED	TERMS OF SALE	SHIP VIA	F.O.B.	FREIGHT TERMS
03/18/2009				

BID OPENING DATE: 03/26/2009 BID OPENING TIME 01:30PM

LINE	QUANTITY	UOP	CAT. NO.	ITEM NUMBER	UNIT PRICE	AMOUNT
***** ADDENDUM NO. 7 *****						
THIS ADDENDUM IS ISSUED TO PROVIDE THE ATTACHED CORRECTIONS/ADDITIONS TO THE PROJECT MANUAL CORRECTIONS/ADDITIONS TO THE PROJECT DRAWINGS ASBESTOS TOTALS ALTERATIONS AND ADDITIONS						
BID OPENING DATE AND TIME ARE CHANGED TO 03/26/2009 AT 1:30 PM.						
0001	1	LS		968-42		
GENERAL CONSTRUCTION						
***** THIS IS THE END OF RFQ DNR209090 ***** TOTAL:						_____

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'



Addendum No. 7
Berkeley Springs Bath House
DNR 209090

DEPT. of Natural Resources
Additions and Alterations to
Berkeley Springs Bath House

AAI PROJECT NO.: 0408097.02

DNR-209090

March 17, 2009

TO ALL BIDDERS:

1.0 GENERAL NOTES:

- .01 This Addendum is part of the Contract Documents for the Project.
- .02 Acknowledge receipt of this Addendum on the Form of Proposal in the space provided. Failure to do so may be cause for rejection of bid.
- .03 The bid opening time and date has been **changed**, and is due on Thursday, March 26 2009 at 1:30PM.

2.0 CORRECTIONS/ADDITIONS TO THE PROJECT MANUAL:

- 2.01 Technical Specifications
ADD: Section 05210 Steel Joist Framing, attached.
ADD: Section 05400 Col-Formed Metal Framing, attached.
- 2.02 Section 05120 Structural Steel Framing, 1.4 Quality Assurance
OMIT: "A. Fabricator Qualifications: A qualified fabricator who participates in the AISC Quality Certification Program and is designated an AISC Certified Plant, Category Sbd."

3.0 CORRECTIONS/ADDITIONS TO THE PROJECT DRAWINGS:

- 3.01 Sheet A-0.2, Demolition Note # 3:
ADD: "Estimated areas of suspected abatement are attached to this Addendum. This is not a report. The contractor is still responsible for all remediation and abatement."
See attachment labeled Exhibit No. 1.
- 3.02 Sheet A-0.2, Demolition Notes:
ADD: "Note # 25. Treat mold or mildew that is present on walls, ceilings, floors, fixtures, remaining, etc. with a two-part Anabec Cleaning System. First killing spores and then preventing future contamination prior to encapsulating, insulating, or applying primer coat of paint. Discolored walls that are to be painted, will have to have a sealer primer applied, prior to painting."



- 3.03 Sheet E-5.1
MODIFY: Power Diagram. See clouded areas of attached AD-012.

4.0 **QUESTIONS AND ANSWERS:**

- 4.01 Q: Could AD-002 be sent again in a larger format?
A.: See attached enlarged drawings.
- 4.02 Q. Are Fabricator qualifications required for Spec Section 05120, 1.4, for structural steel framing?
A.: No. See Modified section, 05120, item 2.02 above.
- 4.03 Please forward the location list of abatement areas.
A.: See attached Exhibit 1, and item 3.01 above.

5.0 **STATEMENTS AND CLARIFICATIONS:**

- 5.01 No substitutions other than previously mentioned have been approved.

Issued: March 17, 2009

Alpha Associates, Incorporated

Rebecca Jean Key AIA
Rebecca Jean Key, AIA



FAX TRANSMISSION

WVDNR Parks & Recreation
 Elkins Planning, Engineering & Maintenance
 1200 Harrison Ave., Suite 222
 Elkins, WV 26241
 Telephone 304-637-0300
 Fax 304-637-0303

TO: Rebecca Key

DATE: 7/5/06

FAX#:

Pages (incl. this page): 1

FROM: Don Smith

SUBJECT: Berkeley Springs S.P. Bathhouse
 Asbestos Totals

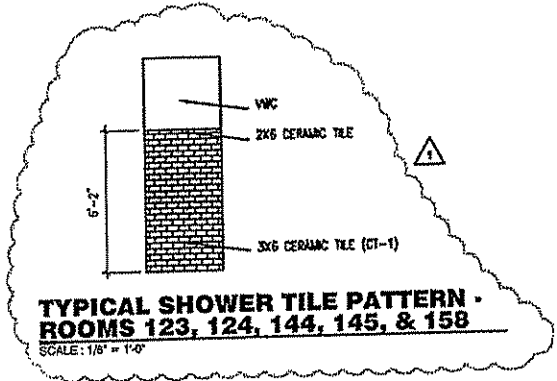
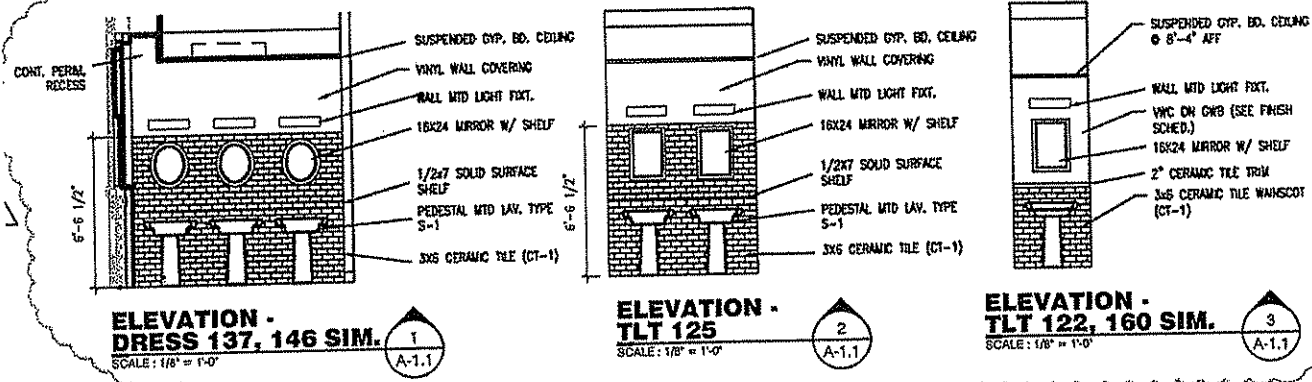
COMMENTS:

Pipe Insulation Total. - 499.5 L.F. (90% is 3" pipe, 10% is 1 1/2" pipe)

VAT Total -

Electric Room	63.0	sq. ft
Wash Room	37.5	sq. ft.
Small Office	91.0	sq. ft.
Room to Roof (1)	96.0	sq. ft
Steps to Roof (2 sets)	113.1	sq. ft.
Closets (2) beneath steps	88.1	sq. ft.
Roman Bath Room (1)	120.0	sq. ft.
Supply Room - Women	41.6	sq. ft.
Stock Room	78.9	sq. ft.
Chemical Room	112.0	sq. ft.
	<u>891.2</u>	<u>sq. ft</u>

EXHIBIT NO. 1



ADDENDUM DRAWING

ALPHA
ASSOCIATES, INCORPORATED
ARCHITECTS • ENGINEERS • SURVEYORS

209 PRAIRIE AVENUE
MORGANTOWN, WV 26501
PHONE/FAX: 304-296-8216
TOLL FREE: 800-640-8216
EMAIL: alpha@alphacoec.com
HTTP: www.alphacoec.com

REV. BY: RJK	DWG. DESCRIPTION: TOILET & SHOWER TILE DETAILS	DWG. NO: AD-002 1 OF 2
DWG. BY: RTL		PBI NO: --
DATE: 02-12-09		SHEET REF: A-4.6
PROJECT NAME: ALTERATIONS & UPGRADES TO THE BERKELEY SPRINGS BATH HOUSE		PROJECT NO: 0408097.02

ROOM FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLR.	BASE	WALLS				CEILING		NOTES	ROOM NO.
				N	E	S	W	MAT'L	HEIGHT		
122	TL.	CT3	CTB	WVC-2	WVC-2/CT-1	WVC-2	WVC-2	PGB	8'-4"	--	122
123	SHWR.	CT2	CTB	CT1	CT1	CT1	CT1	PGB	8'-4"	9	123
124	SHWR.	CT2	CTB	CT1	CT1	CT1	CT1	PGB	8'-4"	9	124
137	DRESS	TER/CT3	CTB	WVC-3	CT1/WVC-3	CT1/WVC-3	--	PGB	9'-0"	1,2,5,8	137
144	SHWR.	CT2	CTB	CT1	CT1	CT1	CT1	PGB	8'-4"	9	144
145	SHWR.	CT2	CTB	CT1	CT1	CT1	CT1	PGB	8'-4"	9	145
158	SHWR.	CT2	CTB	CT1	CT1	CT1	CT1	PGB	8'-4"	9	158
160	TL.	CT3	CTB	WVC-3	WVC-3/CT-1	WVC-3	WVC-3	PEP	--	--	160



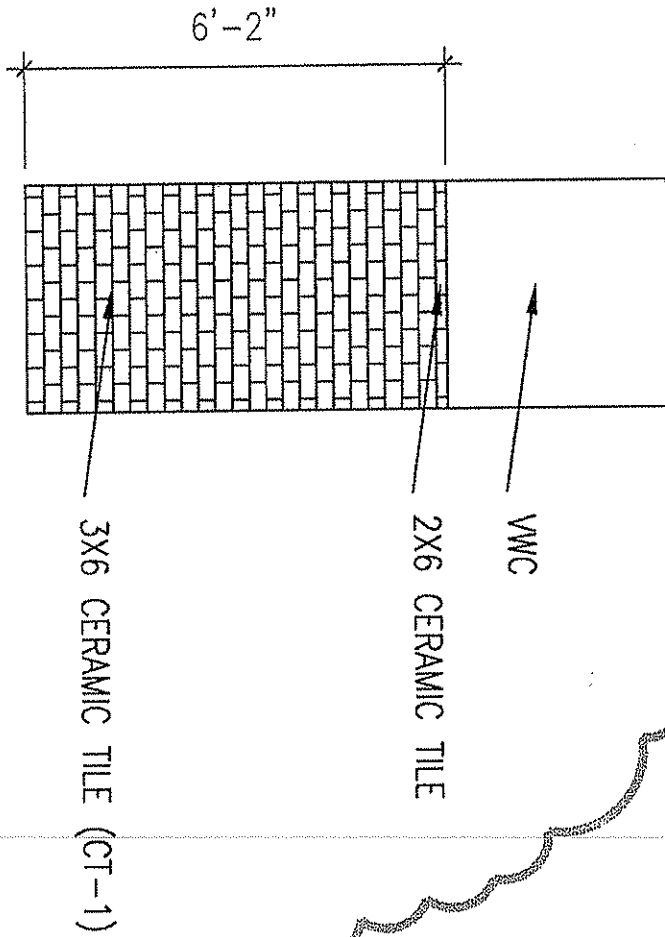
209 PRAIRIE AVENUE
MORGANTOWN, WV 26501
PHONE/FAX: 304 296-8216
TOLL FREE: 800 640-8216
EMAIL: alpha@alphaco.com
HTTP: www.alphaco.com

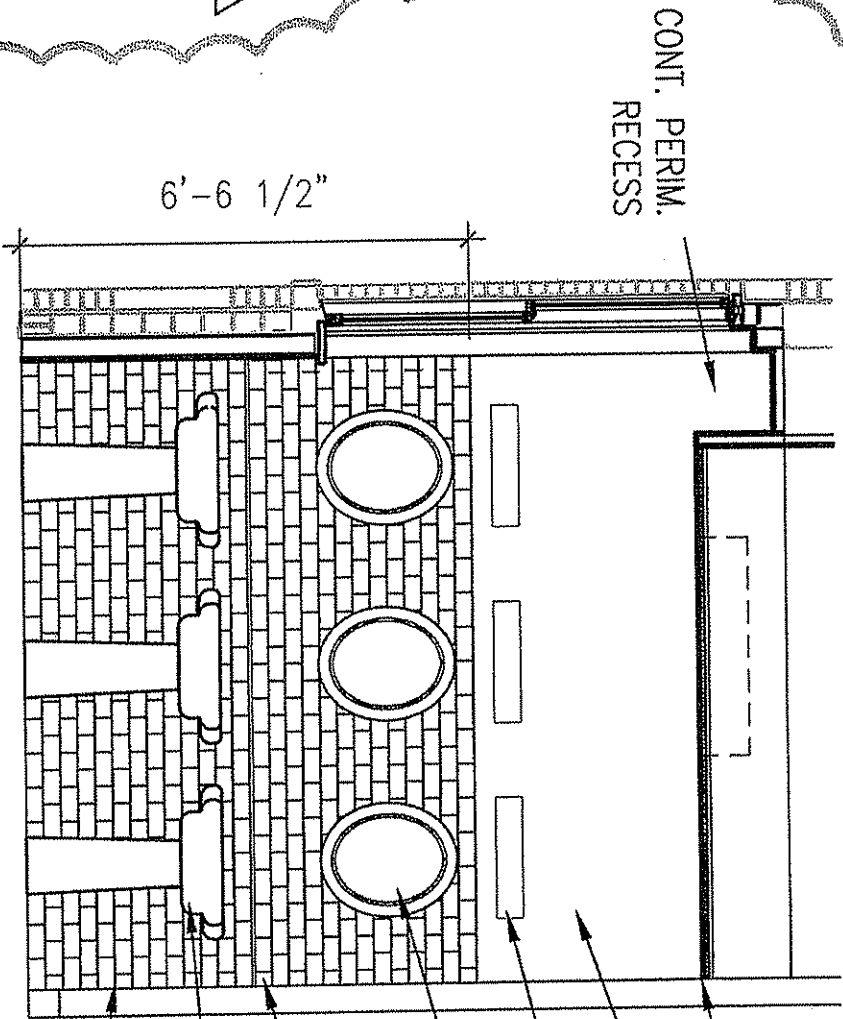
ADDENDUM DRAWING

REV. BY: RJK	DWG. DESCRIPTION: ROOM FINISH SCHEDULE CLARIFICATION	DWG. NO: AD-002 2 OF 2
DWG. BY: RTL		PBI NO: --
DATE: 2/12/09		SHEET REF: A-6.1
PROJECT NAME: ALTERATIONS & UPGRADES TO THE BERKELEY SPRINGS BATH HOUSE		PROJECT NO: 0408097.02

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

**TYPICAL SHOWER TILE PATTERN -
ROOMS 123, 124, 144, 145, & 158**



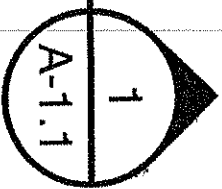


CONT. PERIM.
RECESS

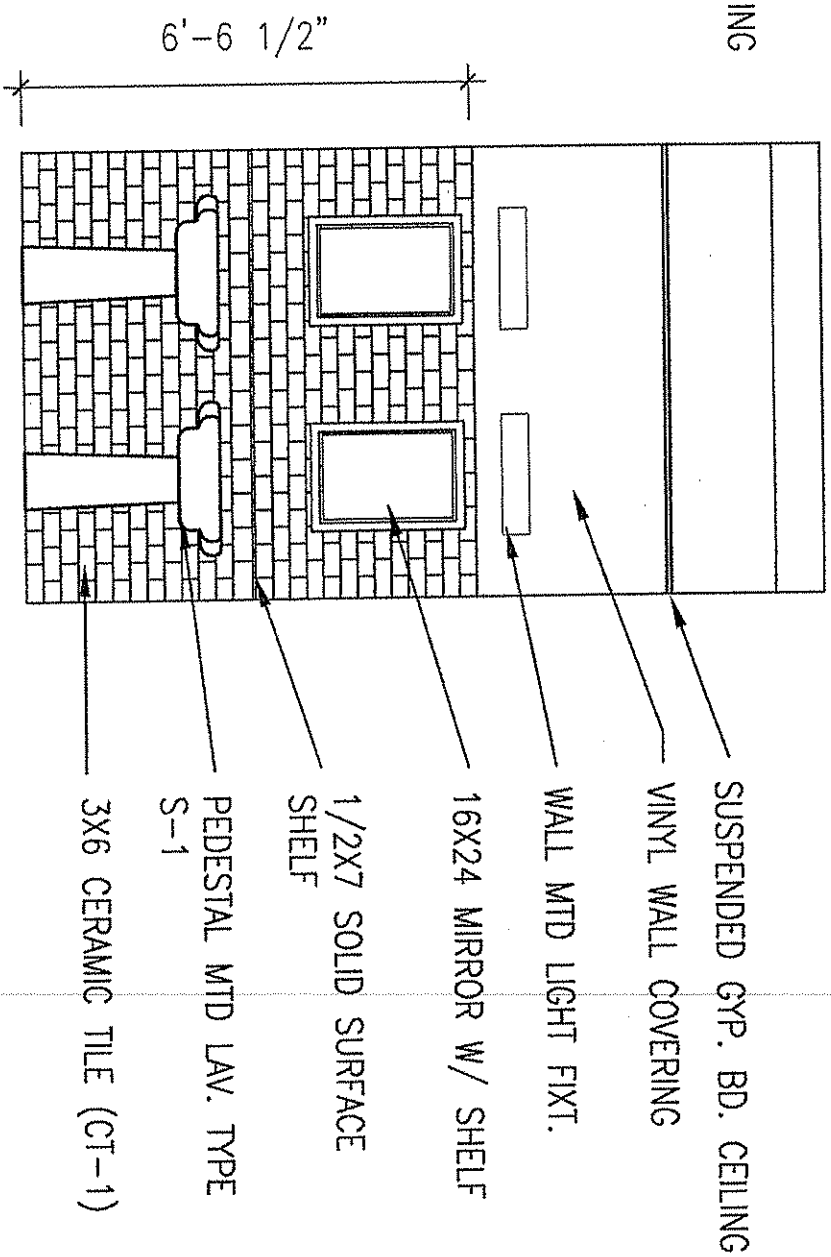
6'-6 1/2"

ELEVATION -
DRESS 137, 146 SIM.

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

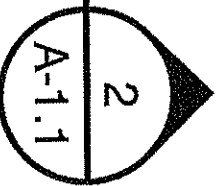


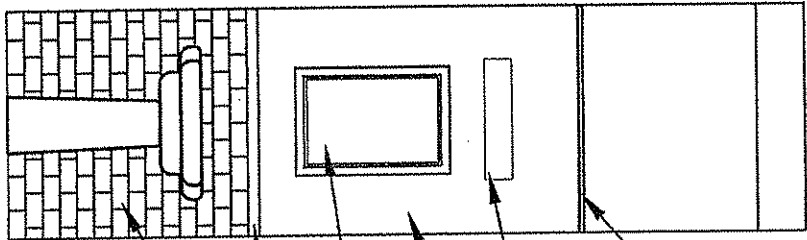
- SUSPENDED GYP. BD. CEILING
- VINYL WALL COVERING
- WALL MTD LIGHT FIXT.
- 16X24 MIRROR W/ SHELF
- 1/2x7 SOLID SURFACE SHELF
- PEDESTAL MTD LAV. TYPE S-1
- 3X6 CERAMIC TILE (CT-1)



ELEVATION -
TLT 125

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





SUSPENDED GYP. BD. CEILING
@ 8'-4" AFF

WALL MTD LIGHT FIXT.

WVC ON GWB (SEE FINISH
SCHED.)

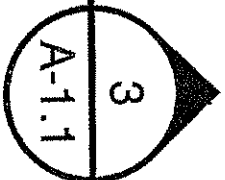
16X24 MIRROR W/ SHELF

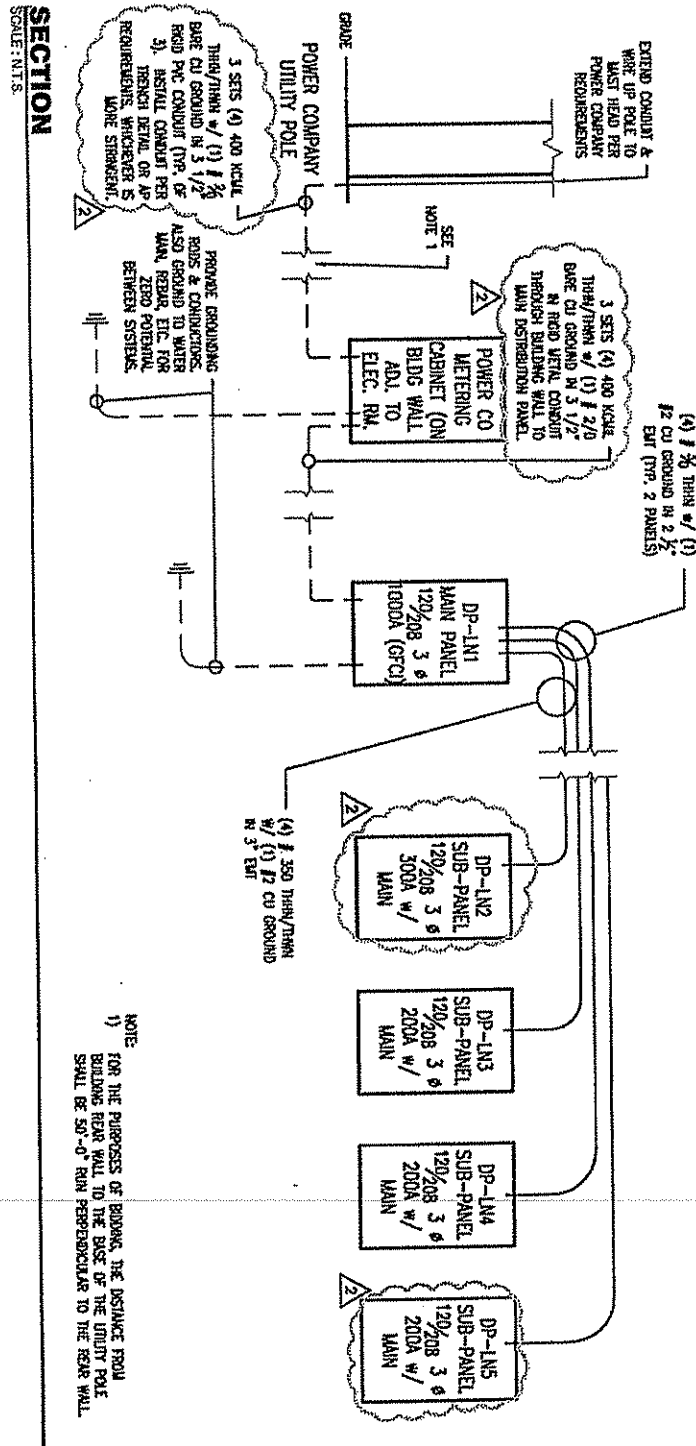
2" CERAMIC TILE TRIM

3X6 CERAMIC TILE WAINSCOT
(CT-1)

ELEVATION -
TLT 122, 160 SIM.

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





SECTION
SCALE: N.T.S.

NOTE:
1) FOR THE PURPOSES OF BIDDING, THE DISTANCE FROM BUILDING REAR WALL TO THE BASE OF THE UTILITY POLE SHALL BE 50'-0" RUN PERPENDICULAR TO THE REAR WALL.

ADDENDUM DRAWING



209 PRAIRIE AVENUE
MORGANTOWN, WV 26501
PHONE/FAX: 304-296-8216
TOLL FREE: 800-640-8216
EMAIL: alpha@alphoec.com
HTTP: www.alphoec.com

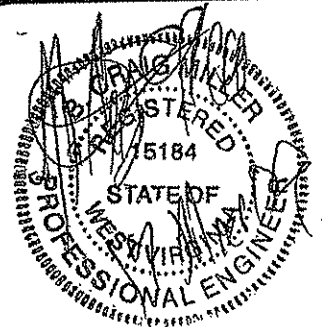
REV. BY: MEI
DWG. BY: RTL
DATE: 3-17-2009

DWG. DESCRIPTION:
ONE LINE DRAWING
CLARIFICATIONS

DWG. NO: AD-012
PBI NO: --
SHEET REF: E-5.1

PROJECT NAME: ALTERATIONS & UPGRADES TO THE
BERKELEY SPRINGS BATH HOUSE

PROJECT NO: 0408097.02



ALTERATIONS & ADDITIONS TO BERKELEY SPRINGS BATH HOUSE 05210-2
DIVISION OF NATURAL RESOURCES Division 5

- C. Primer: SSPC-Paint 15, or manufacturer's standard shop primer complying with performance requirements in SSPC-Paint 15.

2.2 K-SERIES STEEL JOISTS

- A. Manufacture steel joists of type indicated according to "Standard Specifications for Open Web Steel Joists, K-Series" in SJI's "Specifications," with steel-angle top- and bottom-chord members, underslung ends, and parallel top chord.

- 1. Joist Type: K-series steel joists.

- B. Steel Joist Substitutes: Manufacture according to "Standard Specifications for Open Web Steel Joists, K-Series" in SJI's "Specifications," with steel-angle or -channel members.

2.3 JOIST ACCESSORIES

- A. Bridging: Provide bridging anchors and number of rows of horizontal bridging of material, size, and type required by SJI's "Specifications" for type of joist, chord size, spacing, and span. Furnish additional erection bridging if required for stability.

- B. Bridging: Schematically indicated. Detail and fabricate according to SJI's "Specifications." Furnish additional erection bridging if required for stability.

- C. Supply miscellaneous accessories, including splice plates and bolts required by joist manufacturer to complete joist installation.

2.4 CLEANING AND SHOP PAINTING

- A. Clean and remove loose scale, heavy rust, and other foreign materials from fabricated joists and accessories. Apply 1 coat of shop primer.

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Do not install joists until supporting construction is in place and secured.
- B. Install joists and accessories plumb, square, and true to line; securely fasten to supporting construction according to SJI's "Specifications," joist manufacturer's written recommendations, and requirements in this Section.
 - 1. Before installation, splice joists delivered to Project site in more than one piece.
 - 2. Space, adjust, and align joists accurately in location before permanently fastening.
 - 3. Install temporary bracing and erection bridging, connections, and anchors to ensure that joists are stabilized during construction.

ALTERATIONS & ADDITIONS TO BERKELEY SPRINGS BATH HOUSE 05210-3
DIVISION OF NATURAL RESOURCES Division 5

- C. Field weld joists to supporting steel framework. Coordinate welding sequence and procedure with placement of joists. Comply with AWS requirements and procedures for welding, appearance and quality of welds, and methods used in correcting welding work.
- D. Bolt joists to supporting steel framework using carbon-steel bolts.
- E. Bolt joists to supporting steel framework using high-strength structural bolts. Comply with Research Council on Structural Connections' "Specification for Structural Joints Using ASTM A 325 or ASTM A 490 Bolts" for high-strength structural bolt installation and tightening requirements.
- F. Install and connect bridging concurrently with joist erection, before construction loads are applied. Anchor ends of bridging lines at top and bottom chords if terminating at walls or beams.

END OF SECTION 05210

ALTERATIONS & ADDITIONS TO BERKELEY SPRINGS BATH HOUSE 05400-1
DIVISION OF NATURAL RESOURCES Division 5

SECTION 05400 - COLD-FORMED METAL FRAMING

PART 1 - GENERAL

1.1 SUMMARY

- A. This Section includes the following:
1. Exterior load-bearing wall framing.
 2. Exterior non-load-bearing wall framing.

1.2 PERFORMANCE REQUIREMENTS

- A. Structural Performance: Provide cold-formed metal framing capable of withstanding design loads within limits and under conditions indicated.
1. Design Loads: As indicated.

1.3 SUBMITTALS

- A. Product Data: For each type of product and accessory indicated.
- B. Welding certificates.

1.4 QUALITY ASSURANCE

- A. Welding: Qualify procedures and personnel according to AWS D1.3, "Structural Welding Code--Sheet Steel."
- B. ~~AISI Specifications and Standards: Comply with AISI's "North American Specification for the Design of Cold-Formed Steel Structural Members" and its "Standard for Cold-Formed Steel Framing - General Provisions."~~
1. Comply with AISI's "Standard for Cold-Formed Steel Framing - Header Design."

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Steel Sheet: ASTM A 1003/A 1003M, Structural Grade, Type H, metallic coated, of grade and coating weight as follows:
1. Grade: ST33H.
 2. Coating: G60.

ALTERATIONS & ADDITIONS TO BERKELEY SPRINGS BATH HOUSE 05400-3
DIVISION OF NATURAL RESOURCES Division 5

1. Head Type: Low-profile head beneath sheathing, manufacturer's standard elsewhere.

2.5 MISCELLANEOUS MATERIALS

- A. Galvanizing Repair Paint: ASTM A 780.
- B. Shims: Load bearing, high-density multimonomer plastic, nonleaching.

PART 3 - EXECUTION

3.1 PREPARATION

- A. Install load bearing shims or grout between the underside of wall bottom track or rim track and the top of foundation wall or slab at stud or joist locations to ensure a uniform bearing surface on supporting concrete or masonry construction.
- B. Install sealer gaskets to isolate the underside of wall bottom track or rim track and the top of foundation wall or slab at stud or joist locations.

3.2 INSTALLATION, GENERAL

- A. Install cold-formed metal framing according to AISI's "Standard for Cold-Formed Steel Framing - General Provisions" and to manufacturer's written instructions unless more stringent requirements are indicated.
- B. Install cold-formed metal framing and accessories plumb, square, and true to line, and with connections securely fastened.
- C. Install framing members in one-piece lengths.
- D. Install temporary bracing and supports to secure framing and support loads comparable in intensity to those for which structure was designed. Maintain braces and supports in place, undisturbed, until entire integrated supporting structure has been completed and permanent connections to framing are secured.
- E. Install insulation, specified in Division 7 Section "Building Insulation," in built-up exterior framing members, such as headers, sills, boxed joists, and multiple studs at openings, that are inaccessible on completion of framing work.
- F. Erection Tolerances: Install cold-formed metal framing level, plumb, and true to line to a maximum allowable tolerance variation of 1/8 inch in 10 feet and as follows:
 1. Space individual framing members no more than plus or minus 1/8 inch from plan location. Cumulative error shall not exceed minimum fastening requirements of sheathing or other finishing materials.

ALTERATIONS & ADDITIONS TO BERKELEY SPRINGS BATH HOUSE 05400-4
DIVISION OF NATURAL RESOURCES Division 5

3.3 LOAD-BEARING WALL INSTALLATION

- A. Install continuous top and bottom tracks sized to match studs. Align tracks accurately and securely anchor at corners and ends, and at spacings as follows:
1. Anchor Spacing: 32 inches.
- B. Squarely seat studs against top and bottom tracks with gap not exceeding of 1/8 inch between the end of wall framing member and the web of track. Fasten both flanges of studs to top and bottom tracks. Space studs as follows:
1. Stud Spacing: 16 inches.
- C. Set studs plumb, except as needed for diagonal bracing or required for nonplumb walls or warped surfaces and similar configurations.
- D. Align studs vertically where floor framing interrupts wall-framing continuity. Where studs cannot be aligned, continuously reinforce track to transfer loads.
- E. Align floor and roof framing over studs. Where framing cannot be aligned, continuously reinforce track to transfer loads.
- F. Anchor studs abutting structural columns or walls, including masonry walls, to supporting structure as indicated.
- G. Install headers over wall openings wider than stud spacing except where structural lintels are shown on the sections. Locate headers above openings as indicated. Fabricate headers of compound shapes indicated or required to transfer load to supporting studs, complete with clip-angle connectors, web stiffeners, or gusset plates.
1. Frame wall openings with not less than a double stud at each jamb of frame. Fasten jamb members together to uniformly distribute loads.
 2. Install runner tracks and jack studs above and below wall openings. Anchor tracks to jamb studs with clip angles or by welding, and space jack studs same as full-height wall studs.
-
- H. Install supplementary framing, blocking, and bracing in stud framing indicated to support fixtures, equipment, services, casework, heavy trim, furnishings, and similar work requiring attachment to framing.
1. If type of supplementary support is not indicated, comply with stud manufacturer's written recommendations and industry standards in each case, considering weight or load resulting from item supported.
- I. Install horizontal bridging in stud system, spaced 48 inches. Fasten at each stud intersection.
1. Bridging: Cold-rolled steel channel, welded or mechanically fastened to webs of punched studs with a minimum of 2 screws into each flange of the clip angle for framing members up to 6 inches (150 mm) deep.

ALTERATIONS & ADDITIONS TO BERKELEY SPRINGS BATH HOUSE 05400-5
DIVISION OF NATURAL RESOURCES Division 5

- 2. Bridging: Combination of flat, taut, steel sheet straps of width and thickness indicated and stud-track solid blocking of width and thickness to match studs. Fasten flat straps to stud flanges and secure solid blocking to stud webs or flanges.
 - 3. Bridging: Proprietary bridging bars installed according to manufacturer's written instructions.
- J. Install steel sheet diagonal bracing straps to both stud flanges, terminate at and fasten to reinforced top and bottom tracks. Fasten clip-angle connectors to multiple studs at ends of bracing and anchor to structure.
 - K. Install miscellaneous framing and connections, including supplementary framing, web stiffeners, clip angles, continuous angles, anchors, and fasteners, to provide a complete and stable wall-framing system.
- 3.4 EXTERIOR NON-LOAD-BEARING WALL INSTALLATION
- A. Install continuous tracks sized to match studs. Align tracks accurately and securely anchor to supporting structure as indicated.
 - B. Fasten both flanges of studs to top and bottom track, unless otherwise indicated. Space studs as follows:
 - 1. Stud Spacing: 16 inches.
 - C. Set studs plumb, except as needed for diagonal bracing or required for nonplumb walls or warped surfaces and similar requirements.
 - D. Isolate non-load-bearing steel framing from building structure to prevent transfer of vertical loads while providing lateral support.
 - 1. Install single deflection tracks and anchor to building structure.
 - 2. Install double deflection tracks and anchor outer track to building structure.
 - 3. Connect vertical deflection clips to [bypassing] [infill] studs and anchor to primary building structure.
 - E. Install horizontal bridging in wall studs, spaced in rows indicated on Shop Drawings but not more than 48 inches apart. Fasten at each stud intersection.
 - F. Install miscellaneous framing and connections, including stud kickers, web stiffeners, clip angles, continuous angles, anchors, fasteners, and stud girts, to provide a complete and stable curtain-wall-framing system.
- 3.5 FIELD QUALITY CONTROL
- A. Field and shop welds will be subject to testing and inspecting.
 - B. Remove and replace work where test or inspection results indicate that it does not comply with specified requirements.

ALTERATIONS & ADDITIONS TO BERKELEY SPRINGS BATH HOUSE 05400-6
DIVISION OF NATURAL RESOURCES Division 5

- C. Additional testing and inspecting, at Contractor's expense, will be performed to determine compliance of replaced or additional work with specified requirements.

3.6 REPAIRS AND PROTECTION

- A. Galvanizing Repairs: Prepare and repair damaged galvanized coatings on fabricated and installed cold-formed metal framing with galvanized repair paint according to ASTM A 780 and manufacturer's written instructions.
- B. Provide final protection and maintain conditions, in a manner acceptable to manufacturer and Installer, that ensure that cold-formed metal framing is without damage or deterioration at time of Substantial Completion.

END OF SECTION 05400