State of Utah

GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

Department of Administrative Services
KIMBERLY K. HOOD
Executive Director

Division of Facilities Construction and Management
DAVID G. BUXTON
Director

ADDENDUM #1

Date: January 11, 2010

To: Contractors

From: Tim Parkinson, Project Manager, DFCM

Reference: Layton Court HVAC Upgrades
Administrative Office of the Courts – Layton, Utah
Project No. 08047150

Subject: **Addendum No. 1**

Pages	Addendum	1 page
	Engineers Addendum	9 pages
	Total	10 pages

Note: This Addendum shall be included as part of the Contract Documents. Items in this Addendum apply to all drawings and specification sections whether referenced or not involving the portion of the work added, deleted, modified, or otherwise addressed in the Addendum. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to Disqualification.

While we contend that SB220 should only be potentially applicable to a contract issued after the effective date of said bill, this is to clarify that for purposes of this contract, regardless of the execution or effective dates of this contract, the status of Utah Law and remedies available to the State of Utah and DFCM, as it relates to any matter referred to or affected by said SB220, shall be the Utah law in effect at the time of the issuance of this Addendum.

1.1 **SCHEDULE CHANGES – There are no changes to the project schedule.**

1.2 **GENERAL –** Stanley Consultants, Please see Attached

Utah!
Where ideas connect

Stanley Consultants INC.

A Stanley Group Company
Engineering, Environmental and Construction Services - Worldwide

January 11, 2010

Tim Parkinson, Project Manager
DFCM
4110 State Office Building
Salt Lake City, UT 84114

Dear Tim:

Subject: Addendum #1

Enclosed are the items to be included for Addendum 1 for the DFCM project 08047150 Layton District Court AHU Replacement Project.

1. See attached partial plan of sheet MG3 with regard to adding a door closer.
2. See attached partial plan of sheet EG2 with regard to revised Key Notes 1 & 2.
3. See attached partial plan of sheet EG3 with regard to revised Key Note heading.
4. See attached partial section 23 74 00 with regard to roofing material and contracting associated with demolition and replacement of mechanical equipment on the roof.

Sincerely,

Stanley Consultants, Inc.

Daniel J Rollins

Daniel J Rollins, PE
Project Manager

383 West Vine Street, Suite 400 • Murray, UT 84123 • phone 801.293.8880 • fax 801.293.8886
www.stanleyconsultants.com

NO.	REVISIONS	DWN	APVD	APVD	DATE
2	ADDENDUM 1	D.R.	D.R.	S.P.	1/11/10
1	REVISED BID SET	D.R.	D.R.	S.P.	1/6/09
0	BID SET	D.R.	D.R.	S.P.	12/22/08
B	100% REVIEW SET	S.V.	D.R.	S.P.	11/26/08
A	50% DDSET	J.K.	D.R.		8/07/08

Stanley Consultants INC.

5353 S 960 E, Suite 220, Salt Lake City, Utah 84117-7269
www.stanleygroup.com

LAYTON DISTRICT COURT
AHU REPLACEMENT
LAYTON, UTAH

REFERENCE PLAN: EXISTING MAIN FLOOR MECHANICAL PLAN

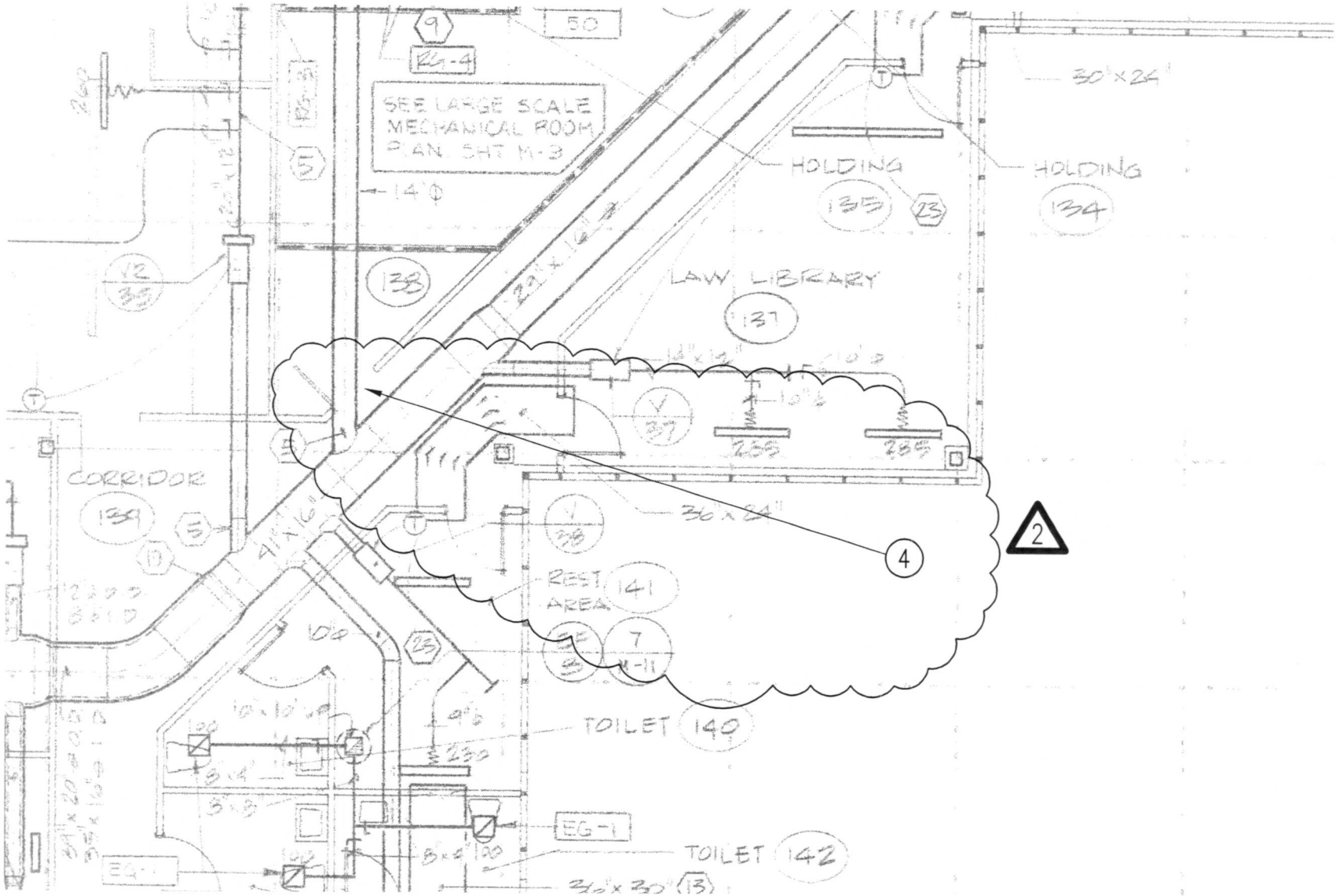
DESIGNED D. ROLLINS
DRAWN J. KIM
CHECKED D. ROLLINS
APPROVED S. PRIMROSE
APPROVED
DATE

SCALE: AS NOTED

NO.	REV.
MG3	1

SCI PROJECT NO: 21509

B $$$$


SEE LARGE SCALE MECHANICAL ROOM PLAN, SHT M-3
HOLDING 135
HOLDING 134
LAW LIBRARY 137
CORRIDOR 139
REST AREA 141
TOILET 140
TOILET 142
30" x 24"
36" x 24"
4
2

KEY NOTES: ◯

1. THIS EXISTING ROOM OR DIFFUSER LAYOUT MAY HAVE CHANGED FROM WHAT IS SHOWN ON THIS PLAN. CONTRACTORS SHALL VERIFY EXISTING CONDITIONS AND ADJUST BALANCE REPORT AS NEEDED.

2. THE LEFT OR WEST END OF THE EXISTING RETURN AIR TRANSFER DUCTS TERMINATES INSIDE THE EXISTING STORAGE CLOSET, WHICH IS CONTRARY TO THIS ILLUSTRATION.

3. THE CONTRACTORS SHALL FIELD VERIFY EXISTING DUCT CONDITION. THE CONTRACTORS SHALL EXTEND THE EXISTING DUCT THROUGH THE EXISTING RATED WALL AND TERMINATE ABOVE THE CEILING OF THE EXISTING SMALL COURTROOM AS SHOWN ON THIS PLAN. THE DUCT PENETRATION THROUGH THE EXISTING WALL SHALL BE FIRE PROOFED AS SHOWN ON THE DETAIL ON SHEET MH2.

2

4. THE CONTRACTORS SHALL REPLACE THE EXISTING AUTOMATIC DOOR CLOSER IN STORAGE ROOM 138 SO THAT THE NEW DOOR CLOSER LINKAGE WILL NOT BE A SAFETY HAZARD TO THE PERSON CLIMBING THE ROOF ACCESS LADDER. THE NEW DOOR CLOSER SHALL BE A TRACK RAIL ARM STYLE OR SIMILAR WITH THE LINKAGE ARM PARALLEL TO THE FACE OF THE DOOR WHEN THE DOOR IS CLOSED. THE NEW AUTOMATIC DOOR CLOSER SHALL BE BY STANLEY, BEST, OR APPROVED EQUAL.

NO.	REVISIONS	DWN	APVD	APVD	DATE
2	ADDENDUM 1	D.R.	L.V.	L.V.	1/11/10
1	REVISED BID SET	S.V.	L.V.	L.V.	1/6/09
0	BID SET	S.V.	L.V.	L.V.	12/22/08
B	100% REVIEW SET	S.V.	D.R.	N.C.	11/26/08
A	50% DDSET	J.K.	D.R.		8/07/08

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LAYTON DISTRICT COURT
AHU REPLACEMENT
LAYTON, UTAH

REFERENCE PLAN: EXISTING BASEMENT FLOOR POWER

DESIGNED L. VANCE
DRAWN S. VANCE
CHECKED L. VANCE
APPROVED L. VANCE
APPROVED
DATE

SCALE: AS NOTED

NO. EG2

REV. 1

B $$$$

KEY NOTES:

1. THE OUTLINED AREA INDICATES THE LOCATION OF THE MAIN POWER SERVICE AND POWER PANELS IN THE BASEMENT WHICH SERVES THE EXISTING AC-1. THE CONTRACTORS SHALL VERIFY THE EXISTING POWER CONDUCTORS AND COMPONENTS SERVING AC-1. THE CONTRACTORS SHALL MODIFY EXISTING EQUIPMENT AS NEEDED AND ADD NEW EQUIPMENT AS INDICATED ON SHEETS EP1 & EP2.

2. THE CONTRACTORS SHALL INSTALL NEW CONDUCTORS AND CONDUITS THROUGH THE EXISTING BUILDING TO CONNECT THE NEW AC-1. THE CONDUCTORS AND CONDUITS SHALL BE INSTALLED BY THE MOST EFFICIENT ROUTING POSSIBLE THROUGH THE BUILDING.

NO.	REVISIONS	DWN	APVD	APVD	DATE
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A	50% DDSET	J.K.	D.R.		8/07/08

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www.stanleygroup.com

LAYTON DISTRICT COURT
AHU REPLACEMENT
LAYTON, UTAH

REFERENCE PLAN: EXISTING COURT LEVEL POWER PLAN

DESIGNED L. VANCE
DRAWN S. VANCE
CHECKED L. VANCE
APPROVED L. VANCE
APPROVED
DATE

SCALE: AS NOTED

NO.	REV.
EG3	1

B $$$$

2

KEY NOTES:

1. THE OUTLINED AREA INDICATES THE LOCATION OF THE EXISTING VFD, DISCONNECT, AND TRANSFORMER WHICH SERVES THE EXISTING AC-1. THE CONTRACTORS SHALL VERIFY THE EXISTING POWER CONDUCTORS AND COMPONENTS SERVING AIR HANDLER AC-1. THE CONTRACTORS SHALL REMOVE EXISTING ELECTRICAL EQUIPMENT TO EXISTING AC-1 AND ADD NEW ELECTRICAL EQUIPMENT FOR NEW AC-1 AS SHOWN ON SHEETS EP1 & EP2.

2. THE CONTRACTORS SHALL INSTALL NEW CONDUCTORS AND CONDUITS THROUGH THE BUILDING TO CONNECT THE NEW AC-1. THE CONDUCTORS AND CONDUITS SHALL BE INSTALLED BY THE MOST EFFICIENT ROUTING POSSIBLE THROUGH THE BUILDING.

2.20 MAIN CONTROL PANEL COMPONENTS

A. The control panel includes the following:
   1. A power bus bar with motor protectors and contactors
   2. Phase monitoring protection
   3. Minimum run time relay
   4. Minimum off time relay
   5. VFDs
   6. A power transformer with a primary circuit breaker (mounted on the bus bar), 115-volt secondary, and 115-volt circuit breaker
   7. 24-volt control transformer and fuse
   8. All control relays necessary for control functions
   9. A 115-volt terminal strip
   10. A 24-volt control terminal strip containing wired terminals for all controls, numbered in accordance with the wiring diagram
   11. An isolated 24-volt field wiring terminal strip
   12. Temperature controls

B. The above components shall be in addition to electrical components associated with other sections which shall be incorporated in the main control panel to facilitate maintenance and trouble shooting.

2.21 ROOF CURB

A. The roof curb shall be prefabricated from 12-gauge galvanized steel and shall be a minimum of 24 inches high. The curb shall be a full-perimeter type and shall include 14-gauge galvanized steel pan type cross bracing to maintain squareness and rigidity. Curb gasket shall be provided to form a positive seal between the unit mounting frame and curb top perimeter. Unit base frame shall overlap curb to provide a positive weatherproof seal. Curb shall be custom designed and built to match the pitch of the existing roof.

B. Curb nailer
   1. The curb shall include a nominal 2-by-4-inch wooden nailer strip for attachment of roofing materials.

C. Roof curb insulation
   1. Roof curb insulation is 4 inch thick, 3-pound density fiberglass and shall be shipped loose for field installation to curb exterior. Attachment clips are included.

D. All roof membrane and insulation modifications associated with this project shall be performed by the original roof system installer, Kendrick Brothers Roofing Company.
   1. Existing roof membrane and insulation shall be extended up to the top of the curb and attach to the new AC-1 Custom Air Handling Unit by the same method as it is attached to the existing AC-1 unit. The roof membrane and insulation materials shall match the surrounding existing roof materials. The roof membrane and insulation modification attachment to the new AC-1 shall be sealed weather tight.
   2. The roof membrane demolition and repair work associated with the demolition of the Makeup Air Unit MA-1 shall also be modified such that the final roof surface shall match the surrounding existing roof surface in terms of weather tight roof membrane, insulation, ballast, and continuous drainage surface with no barriers.

PART 3 EXECUTION

3.01 FIELD STARTUP

A. Field erect under supervision of factory-designated representative.