



State of Utah

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Division of Facilities Construction and Management

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Director

## ADDENDUM #1

Date: January 13, 2009

To: Contractors

From: Kurt Baxter, Project Manager, DFCM

Reference: CUCF 192 Bed Pod Expansion/288 Bed Design Phase 1  
Department of Corrections – Gunnison, Utah  
DFCM Project No. 08231110

Subject: **Addendum No. 1**

|       |                            |                |
|-------|----------------------------|----------------|
| Pages | Addendum                   | 1 page         |
|       | <u>Architects Addendum</u> | <u>5 pages</u> |
|       | Total                      | 6 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.
- 2.1 **GENERAL** – Archiplex Group – Addendum No. 1 (please see attached)
- 2.2 Disks available with Drawings and Specs. at DFCM, 4110 State Office Building, SLC, Utah.
- 2.3 **The specs. and drawings will not be posted on the web.**

**Utah!**  
Where ideas connect

# Addendum #1

DATE: January 13, 2009

DFCM Project No.: 08231110

DMJM Project No.: 60047266

Archiplex Group Project No.: 0825.02

## **ADDENDUM NO. 1 to the Contract Documents for the Construction of CUCF West Compound Intake & Kennels - Gunnison, Utah.**

The contents of this addendum supersede the information contained in the original Contract Documents and are hereby incorporated therein. Unless otherwise so stated, any changes herein offset only the specific drawings, words, or paragraphs mentioned, and the balance of the drawings and specifications remain in full force.

### **DRAWING REVISIONS**

- 1. Sheet G001 General Notes, Legend, Abbreviations & Sheet Index**  
**Revised:** Sheet AE503 to read "Millwork & Miscellaneous Details"  
**Added:** Sheet P-100 Day Tank Diagram in its entirety.
- 2. Sheet C-1.0 General Notes**  
**Revised:** Removed engineer's estimated quantities.  
**Added:** Structural notes for SD manifolds located on sheet C-3.4.
- 3. Sheet C-1.1 Intake Building Existing Conditions and Demolition Plan**  
**Revised:** Added existing site improvements, including new sidewalk.
- 4. Sheet C-1.3 Existing Kennel Conditions Demolition Plan**  
**Revised:** Demo of existing office building is no longer required. Existing office to remain.
- 5. Sheet C-2.1 Intake Building Site Plan**  
**Revised:** Showing recently installed sidewalk. SD system revised. Fence heights revised from 16' to 12'.  
**Added:** New waterway and asphalt parking area on north side of building. New man gate.
- 6. Sheet C-3.1 Intake Building Site Plan**  
**Revised:** Grading on north side of intake building. General note re: the use of T-posts to mark utilities.
- 7. Sheet C-3.4 Intake Building Offsite Storm Drain Plan**  
**Revised:** Location of Storm Drain manifold's were shifted for security purposes. Sump on second manifold was revised. Eliminated 13-12" SD pipes and replaced with 1-30" SD pipe.  
**Added:** A second SD manifold. A section of class V RCP.

**8. Sheet C-3.5 Intake Building Sewer Plan**

**Revised:** Sewer pipe called out as SDR-35 HDPE has been revised to SDR-35 PVC.

**9. Sheet C-3.6 Retention Pond Analysis**

**Revised:** Project name callouts on spreadsheets

**Added:** Pipe cross section detail and applicable notes for the upsizing of the existing 24" RCP culvert. Added a ditch section illustrating channel dredging.

**10. Sheet C-3.7 Pipe Design Analysis**

**Revised:** Locations of new SD manifolds. Project name callouts on spreadsheets

**11. Sheet C-4.1 Details**

**Revised:** Details A and B have been revised. Please refer to new details in revised plan set for additional information

**12. Sheet C-5.1 Overall Erosion Control Plan**

**Added:** Storm drain inlet protection.

**Clarifications:**

- Frame and grate assemblies do not need to be tied in to manholes unless plans call for it otherwise.

**13. Sheet AS102 Intake Site Plan**

**Revised:** Drawing A1; showed location of existing sidewalk to remain  
Increased area of new asphalt north of Intake building  
Striped pedestrian path from parking lot to sidewalk at Intake building  
Showed concrete waterway and catch basins to match civil drawings  
Increased length of new sidewalk to connect to existing sidewalk near southeast corner of Existing Vehicle Sallyport

**Added:** Sheet notes 15,16,17&18  
Mangate at southwest corner of new sallyport fenceline

**14. Sheet AE001 Wall Types**

**Revised:** Wall type M3; added vapor barrier

**15. Sheet AE103 Kennel Building Floor Plan**

**Revised:** Drawing A4; added detail reference to C3/AE502

**16. Sheet AE141 Roof Plans**

**Revised:** Detail A1 for clarification  
Detail A2 to be renumbered B3; added reference to vapor barrier  
Detail A3; added reference to vapor barrier  
Detail A4; added reference to cant strip & vapor barrier  
Detail A5; added reference to roof membrane & vapor barrier  
Detail A6; added reference to B4/AE141 & specified insulated drain lines  
Sheet note 8 to reference B3/AE141  
Drawings C1 & C4; added detail reference to B4/AE141 & reference to sheet note 13

**Added:** Drawing C1; added additional roof access ladder & roof walkway pads  
Detail B4

**17. Sheet AE301 Intake Building Sections and Wall Sections**

**Revised:** Sheet note 17  
Drawing C3; added detail reference to E6/AE501  
Drawing C4; added interior furring & insulation at Control Room  
**Added:** Sheet note 18

**18. Sheet AE302 Kennel Building Sections and Wall Sections**

**Revised:** Drawing C2; added detail reference to C3/AE502

**19. Sheet AE401 Door & Window Schedule**

**Revised:** Drawing A1; revised finish floor height for window types W-3 & W-4  
Window Schedule; revised detail references for head, jamb and sill

**20. Sheet AE501 Exterior Details**

**Added:** Detail E6

**21. Sheet AE502 Interior Details**

**Added:** Detail C3

**22. Sheet AE503 Millwork Details**

**Revised:** Sheet title to read "Millwork and Miscellaneous Details"  
**Added:** Details A3, A4, B3, B4, C3 & C4

**23. Sheet P001 Plumbing Schedules**

**Revised:** The Plumbing Fixture Schedule showed two DF-3. Deleted the duplicate DF-3.

**24. Sheet P-100 Day Tank Diagram**

**Added:** Sheet in its entirety

**25. Sheet P201 Plumbing Floor Plan - Intake**

**Revised:** Drawing didn't show callouts for the Kitchen Sink in room 107 or the mop sinks shown in rooms 124 and 108. Added the callout for the Kitchen sink and the Mop sinks.  
Room 122 showed the floor drain called out as FD-2. There is no FD-2 shown on the Plumbing Fixture Schedule on P-001. Revised the floor drain callout to FD-1.  
Room 129 shows a note 10 and an Over Flow drain callout. This has been deleted.

**26. Sheet P601 Plumbing Details**

**Revised:** Revised Detail 15 to match the water line shown on Drawing P202.

**27. Sheet E-007 Partial Power Single Line Diagram (Sub-Station)**

**Revised:** Change 6000 AMP. bus in engine generator switchboard to 5000 AMP.  
Provide an 800 AMP., 3 pole spare circuit breaker in engine generator switchboard.

**28. Sheet E-101 Floor Plan – Electrical (Dog kennel)**

**Added:** Furnish and install Raychem ice stop, self regulated heating cable inside the down spouts (field verify exact locations) and in the rain gutter, the cable shall be GM-1XT with controller GIT3A, contactor, wire connectors Rayclis-PS, Rayclis-T and end seals as required. See Architects drawings for exact location of cable, field verify exact length. Install the system per manufacturer recommendations. Furnish and install a new 20A, 1-P, ground fault protected circuit breakers in Panel P to feed the Heat trace cables.  
Secure the heating cable every 36" with GMK-RC for the entire lengths of the rain gutters. Secure GMK-RC per manufacturer recommendations. Minimum 24 hours of curing is required for the glue.  
Minimum of two runs are required in the rain gutters, extend the cables down into the catch basin a minimum of 24".

**29. Sheet E-200 Site Plan – Electrical (Intake Building)**

**Revised:** Relocate communication manhole #13, #14 and duct banks running to these manholes. Exact location of manholes must be coordinated with general contractor and CUCF Electrical Shop.

**30. Sheet E-201 Floor Plan – Electrical (Intake Building)**

**Revised:** Tie the turnstile to a 20 AMP., 1 pole circuit breaker in panel P. Refer to manufacturer wiring diagram for termination points. Coordinate with the general contractor.

**Added:** Furnish and install Raychem ice stop, self regulated heating cable inside the down spouts (field verify exact locations) and in the rain gutter, the cable shall be GM-1XT with controller GIT3A, contactor, wire connectors Rayclis-PS, Rayclis-T and end seals as required. See Architects drawings for exact location of cable, field verify exact length. Install the system per manufacturer recommendations. Furnish and install a new 20A, 1-P, ground fault protected circuit breakers in Panel P to feed the Heat trace cables.  
Secure the heating cable every 36" with GMK-RC for the entire lengths of the rain gutters. Secure GMK-RC per manufacturer recommendations. Minimum 24 hours of curing is required for the glue.  
Minimum of two runs are required in the rain gutters, extend the cables down into the catch basin a minimum of 24".

**31. Sheet E-300 Partial Site Plan – Electrical (Sub-Station)**

**Revised:** Relocate existing 1000 KVA pad mount transformer to the west of the new engine generator paralleling gear. Provide a new concrete pad. Refer to attached concrete pad detail for more information. Coordinate with the engineer and CUCF electrical shop for exact location of the pad.  
Change reference note 18 by the existing panel "ESH-3" to note 19.  
Show note 18 by the existing 1000 KVA transformers.  
Change reference note 16 tied to 480 Volt side of transformers to note 17.  
Reference note 7 change 10 # 14 THHN to 24 # 12 THHN. Run 4 # 12 of the 24 cables to automatic transfer switch in the central plant building (approximately 20 feet south of the existing panel ESH-3). Field verify.  
Cummins engine technician is to interlock the existing automatic transfer

switch in the central plant and administration building such as when commercial power fails and power is transferred to the new and existing 1000 KW generator the existing automatic transfer switches stay on the emergency side till commercial power is back and new medium voltage transfer switch has transferred the load to commercial side. Conductors between the engine control cabinet and existing automatic transfer switches will run by electrical contractor. Provide all required relay, DC batteries, etc. for a complete installation. This work needs to be tested and shown to the engineer and CUCF electrical shop for the proper operation.

- Added:** Add Special Note 4 to read as follows:  
Electrical contractor must provide ¼" scale drawing to show exact sizes of the engine generator paralleling gear, engine generator, transformer pad, etc. for engineer and CUCF electrical shop approval prior to doing any work.
- Add the following to Reference Note 3:  
Existing opening in concrete pad is not large enough to run all conduit and conductors to engine generator. Contractor must cut the existing concrete and create larger opening.
- Add the following to Reference Note 14:  
The contractor is to provide 4" concrete pads under all of the new electrical gear and medium voltage automatic transfer switch.
- Add the following to Reference Note 6:  
The contractor is to run the existing 1 ½" conduit to new medium voltage transfer switch. Terminate both ends of the conductors.

## **SPECIFICATIONS REVISIONS**

1. **Section 09050 Colors & Materials**  
**Revised:** 09050-2.2-B **Finish Selection Key**; added to Carpet section the text "Purchase off of established state contracts"; deleted source information
  
2. **Section 10155 Toilet Compartments**  
**Revised:** 10155-2.2-A; Added Flush Metal Partitions to list of manufacturers
  
3. **Section 11190 Detention Equipment General Provisions**  
**Revised:** 11190-1.6-H-3; ISI Detention Contracting Group, Inc. has been removed from list of pre-approved contractors
  
4. **Appendix A**  
**Added:** 11190-1.6-H-3; ISI Detention Contracting Group, Inc. has been removed from list of pre-approved contractors
  
5. **Section 15192 Facility Fuel-Oil Piping**  
**Added:** Entire Specification Section