



**Contractor Design Clarification / Variation Request**  
**(C-DCVR)**

DU Job

Project: Utility Service Extension to Aircraft Parts Storage – FTW 336A

No.: J101394 to 397

**Contractor Request**

Reference:  
(Dwg. / Spec.) USKH Drawings S1 & S2

**DCVR #:** 11

Subcontractor #:  
(optional) \_\_\_\_\_

The response to DCVR 5 lowered the floor of MH G6-9-3 by 12" and added a sump along with a sump pump. The review of USKH's shop drawings stated that this sump and pump needed to be installed in accordance with UES-DD-H205, but this drawing shows the sump connecting to a sewer main and none exists in MH G6-9-3. Three options present themselves: either pipe the sump discharge to the exterior of the manhole, run a new sump line back to MH H6-3-3 or a combination of both. If the option to run a new sump line back to MH H6-3-3 is chosen, we strongly recommend running it either on existing supports or on unistrut as utilization of supports as detailed in Doyon Utilities standards will severely impact the accessibility of this section of utilidor and its associated trap stations.

Please see the attached pricing from our subcontractor, this does not include any work that we may have as the General or any of our overhead or profit, this is just to give an idea of what the pricing will be so you can issue a request for proposal for the option that works best for the end user. There is also no electrical that will be needed with either option.

Company: TAR/TBI Construction Signature: Kris Manke Date: 8-30-10 Yes X No   
Response requested no later than 5:00 p.m. on (date): 9-14-10 Allow minimum 4 working days. Contractor must make verbal request for an expedited response.

RFP requested?

**Architect/Engineer Response**

Pipe the sump discharge to the exterior of the vault (item #1).

Company: Fosdick & Hilmer, Inc. Signature: Eric Erpenbeck Date: 9/23/10 Yes  No   
RFP warranted?

RFP warranted?

**Doyon Utilities Response**

Agreed w/ Designer... please propose option 1.

APPROVED  DISAPPROVED

RFP issued? No  Yes  RFP#: \_\_\_\_\_ Signature: Wily Splain Date: 9/23/2010

**THIS IS NOT AUTHORIZATION TO PROCEED WITH WORK INVOLVING ADDITIONAL COST AND/OR TIME.**  
Contractor must notify Doyon Utilities if any information provided herein may add to the Contract cost and/or time.



## Contractor Design Clarification / Variation Request

(C-DCVR)

DU Job

Project: Utility Service Extension to Aircraft Parts Storage – FTW 336A

No.: J101394 to 397

### Contractor Request

Reference:  
(Dwg. / Spec.) Sheet W1.0

**DCVR #:** 15

Subcontractor #:  
(optional) \_\_\_\_\_

On sheet W1.0 out of the building, there is a 6" DCW and a 2" DCW (recirculation line). We received a takeoff of materials ordered for the water and found that 2" type L copper was ordered with victaulic fittings. This type of material is typically used within the building and not as direct burial piping, and per Doyon Standards sheet W110 it should be a type K copper. Also at the tie it to the 6" main, it should be a saddle for a 2" male by flare corp. stop. Please advise ASAP as to what type of copper needs to be used here as we are about to proceed this work.

Company: TAR/TBI Construction Signature: Kris Manke Date: \_\_\_\_\_ RFP requested?  
Allow minimum 4 working days. Contractor must  
make verbal request for an expedited response.  
Response requested no later than 5:00 p.m. on (date): \_\_\_\_\_ Yes  No

### Architect/Engineer Response

Concur, with the use of the type k copper on the DCW recirculation line. The tap offs shall be made with the coupling & stops, along with flared fittings. There are several tapping points required to ensure proper re-circulation along the exterior, building & utilidors.

The type K copper was being installed in October when I was there.

Company: Fosdick & Hilmer, Inc. Signature: C. David Hudson Date: 11/11/10 RFP warranted?  
Yes  No

### Doyon Utilities Response

Also concur. Please propose completion of the work using type k copper per Engineer's response.

APPROVED  DISAPPROVED

RFP issued? No  Yes  RFP#: \_\_\_\_\_ Signature: Wily F. Splain Date: 11/12/2010

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(C-DCVR)

DU Job  
No.: J101394 to 397

Project: Utility Service Extension to Aircraft Parts Storage – FTW 336A

Contractor Request

Reference:  
(Dwg. / Spec.) Please see attached USKH Drawings

DCVR #: 7

Subcontractor #:  
(optional) \_\_\_\_\_

**Due to the existing condition of the Utilidor at the new manhole location and the fact that we were having a difficult time getting the pipe configuration to work with an accessible ladder we purpose making manhole G6-9-3 ten feet by ten feet rather than the eight feet by eight feet as drawn. Trying to tie in to the existing Utilidor at any other point would be an extremely dangerous task due to the placement of construction joints.**

RFP requested?

Company: TAR/TBI Construction Signature: Kris Manke Date: 8-8-10 Yes X No

Response requested no later than 5:00 p.m. on (date): 8-11-10 Allow minimum 4 working days. Contractor must make verbal request for an expedited response.

Architect/Engineer Response

F&H recommendation is to receive a change order proposal for the suggested vault modification. As requested per FTW336A – DCVR 005, the access vault should also incorporate a 12 inch increase in depth.

Although F&H recommends the increase in size of the vault, there are several comments pertaining to the attached vault drawings. We will treat the attached vault drawing as an official submittal for review and will return with comments.

RFP warranted?

Company: Fosdick & Hilmer, Inc. Signature: Eric Erpenbeck Date: 8/9/10 Yes  No

Doyon Utilities Response

Agreed. Please propose completing the work as described above.

APPROVED  DISAPPROVED

RFP issued? No  Yes  RFP#: \_\_\_\_\_ Signature: Wily F. Splain Date: 08/09/2010

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