



Memo

To: Chief Craig Tieszen

From: Gene

Project: Public Safety Building

Date: April 19, 2004

CC: Don Holloway

Re: CO #1

Following is a brief narrative for each item of the Change Order #1:

1. Item #1 – PR-A01; Delete Hose Valve Boxes from Stairwells
 - a. After the bids, an interpretation of a code allowed exclusion permitted the design team to delete the boxes before they were ordered.
2. Item #2 – PR-A03; Revise water line and sidewalks at the South side of the PSB
 - a. After the bids, during formal plan review for building permits, Planning & Engineering took exception to the configuration and location of the Impound Fence, some of the sewer connections and the configuration and location of the 8" water main at the south side of the PSB & Jail Annex. These items had been reviewed by different entities of the design team and Planning/Engineering previous to completion of the documents, but upon further formal review some items did not meet with approval.
 - b. A manhole was added, about 20 LF of waterline (constructed in the PSB dewatering) and related sidewalk was re-configured & replaced, Approximately 50 LF of water main added, the fence & the associated access/security controls relocated, and some storm piping specifications changed.

3. Item #3 – PR-A04; Add security/identification cameras to the PSB
 - a. After the bids a grant was received by the PC Sheriff for a Homeland Security Project to fund this Alternate.
4. Item #4 – PR-05; Delete the specification for VFD's (Variable Frequency Drives) of the HVAC system.
 - a. During the review of the shop drawings by the Designer; the additional reliability was determined unjustifiable and the by-pass starters were eliminated.
5. Item #5 – PR-A06; Beam changes @ NW Stairwell
 - a. An existing condition in a shaft-way required some revisions to the structural configuration causing the designer to change a block wall to a beam wall with added reinforcement and filled cores.
6. Item #6 – PR-A8A; Corridor rating changes
 - a. After the bids, the allowance of an exclusion on another similar project, brought the design teams attention to the possibility for a similar application on the PSB. Comments from Building Inspection allowed this possibility, a redesign of the HVAC, door ratings and wall ratings netted a credit.
7. Item #7 – PR-A10R; Revise the interstitial space from sprinkled to insulation filled.
 - a. The Fire Department accepted our original proposal for filling the existing roof to new third floor cavity with blown in non-combustible fill to eliminate the need for sprinklers in a hard to access cavity.
8. Item #8 – PR-A12; Delete the beam wraps in the interstitial space.
 - a. This was a detail that was in place previous to the Building Inspection's final review of the plans. At that time they accepted the newly constructed 3rd floor through the existing 2nd ceiling as an assembly. The gyp-wrapping of the beams was eliminated.
9. Item #9 – PR-A13; Add separator and hoist beams @ elevator shaft.
 - a. Revisions to the elevator to assist in timing of construction required adding the separator beam in lieu of using the existing one.
 - b. The elevator provider required a separate beam in lieu of utilizing the existing framing to erect the elevator. (It also is desired to leave the beam in place for future maintenance.)
10. Item #10 – PR-A14; Delete the unit heater from the interstitial space.
 - a. See Item #7. Deletion of sprinkling of this space also eliminated the need for the heaters which were to be placed in the space to eliminate sprinkler pipe freezing.
11. Item #11 – PR-USA-12; Add structural headers and sills @ major window openings.
 - a. This is a value added item. The detail was not on the plans. The wind loads of the windows to the framing were not accounted for in the as-bid framing. The headers were not in the contractor bid.