



Department of Public Works
City Engineering Division

Robert F. Phillips, P.E.
City Engineer

City-County Building, Room 115
210 Martin Luther King, Jr. Boulevard
Madison, Wisconsin 53703
FAX 608 264 9275
www.cityofmadison.com

608 266 4751

Assistant City Engineer
Michael R. Dalley, P.E.

Principal Engineers
Christina M. Bachmann, P.E.
John S. Fahrney, P.E.
Gregory T. Fries, P.E.
Christopher J. Petykowski, P.E.

Facilities & Sustainability
Jeanne E. Hoffman, Manager
James C. Whitney, A.I.A.

Operations Supervisor
Kathleen M. Cryan

GIS Manager
David A. Davis, R.L.S.

Financial Officer
Steven B. Danner-Rivers

Hydrogeologist
Brynn Bemis

NOTICE OF ADDENDUM

ADDENDUM NO. 1

CONTRACT NO. 6505, Project 53W1033
Mezzanine Construction- Sycamore

April 3, 2013

Revise and amend the contract document(s) for the above project as stated in this addendum, otherwise, the original document shall remain in effect.

This addendum is issued to modify, explain, or correct the original Drawings and Specifications marked as *Mezzanine Construction-Sycamore, City of Madison Project #53W1033, Contract #6505* dated *March 14, 2013* and to answer general questions asked during the bidding process. This addendum consists of six (6) pages total, three (3) pages of text and three (3) sketches. Please attach this Addendum to the Drawings and Specifications in your possession.

I. GENERAL CONTRACT CONDITIONS

- A. This addendum does not extend the bid date. Bids are due at 1:00pm on April 12, 2013.
- B. Bidding contractors are reminded they must be pre-qualified in either category 415 or 499 no later than 1:00pm April 5, 2013. See appendix B of the bid documents for more information.

II. GENERAL QUESTIONS & CLARIFICATIONS

- A. **Q.** Proposed floor plans indicate existing building columns and intermediate columns for the mezzanine is there a specific spacing for the mezzanine columns?
 - A. The existing building's column lines are at 25'-0" spacing running north/south. The intent is to place mezzanine column lines on the existing building lines and subdivide each space equally no more than once. Therefore the mezzanine column spacing should have a 12'-6" spacing running north/south (see Sketch 1 below). The east/west spacing needs to be divided once and equally spaced as well. The City also stresses that there shall be no cross bracing allowed, all below deck space must be fully useable space. It is also the intent of the city that each column load shall be supported by the existing floor slab. The existing slab is 6" concrete slab with 6x6 #4x#4 WWF.

- B. **Q.** Why is the stair way on the proposed plan located in the middle of the deck?
A. Preliminary code interpretation indicates that the means of egress from the farthest point on the mezzanine shall not exceed 100 feet along the normal path of egress to a point where at least 2 exits are visible. This approximate location meets the requirement; the designer will need to refine it to meet code.
- C. **Q.** The stair shown is a switch back stair with an intermediate landing; can a single run be used?
A. No, this stair has been selected for the following reasons:
- Meets the requirements in B above for egress
 - Maximizes storage space on both levels while minimizing un-useable space.
 - Access off the top level is in the safety aisle not center of floor. Discharge is into a safety aisle not the center of the floor.
- D. **Q.** What is the minimum clear height of the main floor?
A. The minimum clear height of the main floor shall be per the specification (8'-1 3/4"). Since the floor has a pitch to it this height will increase as you move away from the outside (west) wall of the main building structure.
- E. **Q.** What is the construction of the woman's locker room roof?
A. The locker room roof is constructed of 8" precast plank. Maximum live load = 125 PSF (5PSF superimposed dead load), 2 hour fire rated with all joints grouted.
- F. **Q.** How does the mezzanine floor meet the existing woman's locker room wall/roof?
A. Metal deck and plywood over the roof; see sketch 2 description below. The finished mezzanine deck over the locker room shall be level. If shimming of the metal decking is required it shall be the responsibility of the Professional Engineer/Architect to specify appropriate bearing plates, spacing and fasteners as required so as not to create an excessive point load on the existing precast plank.
- G. **Q.** The proposed plan indicates that there may be mezzanine columns bearing on existing column footings. What information on the existing column footings is available?
A. See sketch 3 below. Existing load calculations for the interior columns are no longer available. The intent is that the floor slab shall be able to take the column load with no additional footings.

III. ACCEPTABLE EQUIVALENTS

- A. None were requested.

IV. SPECIFICATIONS (SPECIAL PROVISIONS)

- A. No changes were made to the written Special Provisions pages D-1 through D-7
B. Sketch 1 (below) indicates corrections to notes on the plan sheet.

V. DRAWINGS

- A. **Sketch 1** is a revised sheet 2 of the plan set. Revisions are as follows:
- The left floor plan corrects the bearing height to match the text on sheet D-5 of the Special Provisions which is correctly stated.
 - The left floor plan now indicates recommended intermediate dimensions for the mezzanine column spacing.
 - The right floor plan corrects the note in the lower left hand corner.

April 3, 2013

Page 3

- B. **Sketch 2** is a diagram sketch of General Questions E & F above. It is the responsibility of the contractor to verify during the design process that this detail will work and advise the city of options in the event it will not work. Clearance code requirements will take precedence.
- C. **Sketch 3** is a compilation of information for the original 1967 blueprints. The sketch consist of the only interior footing detail, a portion of the structural floor plan indicating the interior columns in the area of the mezzanine are type "F-2", and the interior footing reinforcing schedule which indicates the size and reinforcing of the footings.

Please acknowledge this addendum on page E1 of the contract documents.

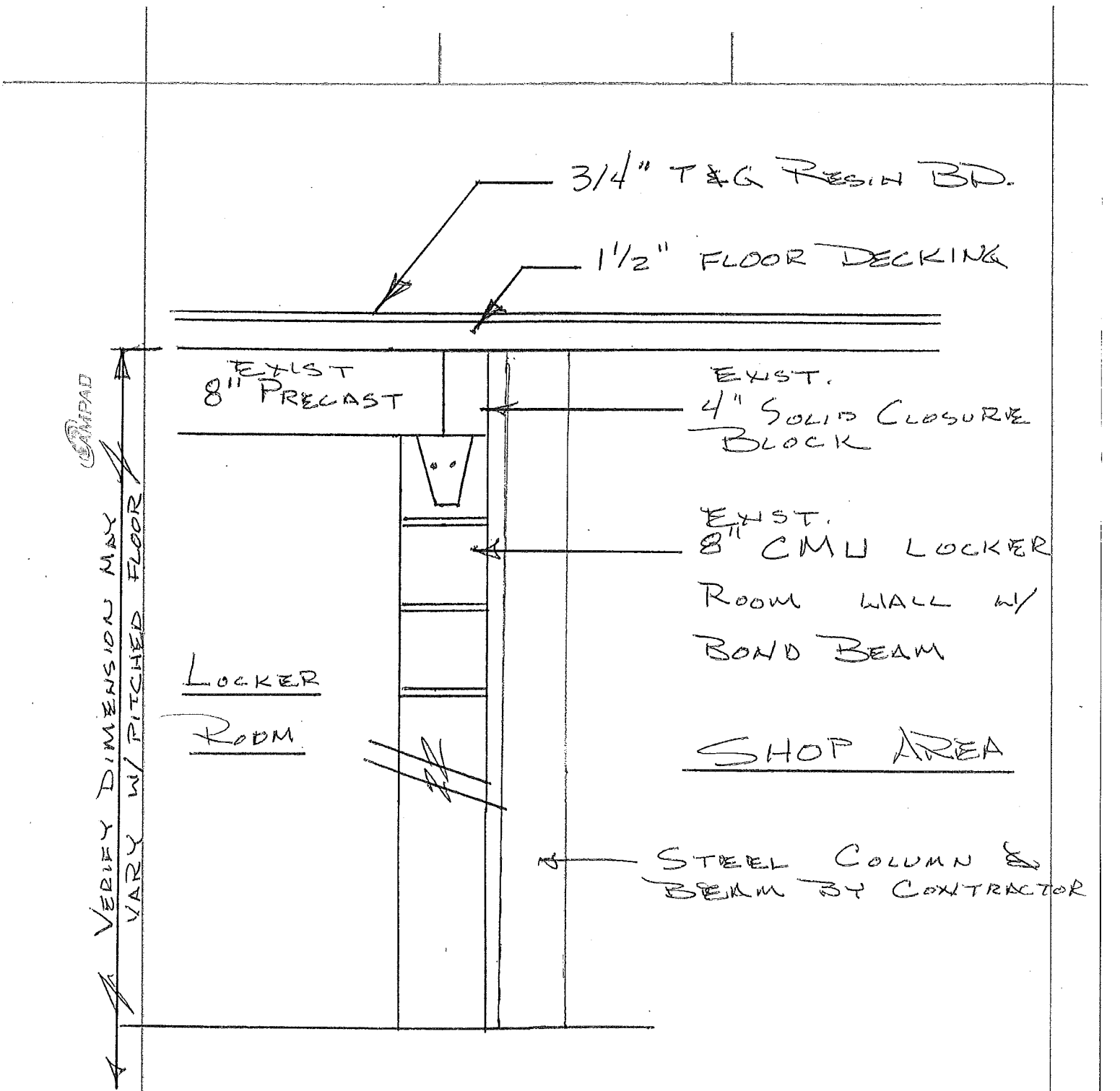
Electronic version of these documents can be found on the City of Madison web site at:

<http://www.cityofmadison.com/business/PW/contracts/openforBid.cfm>

If you are unable to download plan revisions associated with the addendum, please contact the Engineering office at 608-266-4751 receive the material by another route.



Robert F. Phillips, P.E., City Engineer



SKETCH 2

← CORRIDOR →

SEE UNIT D-1

5 4

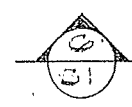
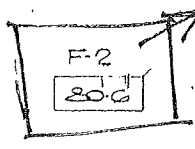
COL. BY METAL BLDG. CONTR.

4" EXP. JT. FILLER

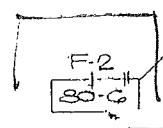
3-#5 CONT.

3. INTERIOR FTG.

SCALE 1/2" = 1'-0"



SKETCH 3



4. COL. FTG. SCHEDULE

| MARK | SIZE | REINF. |
|-------|-----------------------|-------------|
| F-1 | 3'-0" x 3'-0" x 1'-0" | 4-#4 E.W. |
| → F-2 | 3'-6" x 3'-6" x 1'-0" | 4-#5 E.W. ← |
| F-3 | 4'-0" x 4'-0" x 1'-0" | 5-#5 E.W. |
| F-4 | 5'-0" x 5'-0" x 1'-2" | 5-#5 E.W. |
| F-5 | 5'-6" x 5'-6" x 1'-3" | 6-#5 E.W. |
| F-6 | 5'-0" x 3'-0" x 1'-0" | 6-#5 E.W. |
| F-7 | 6'-6" x 4'-6" x 1'-5" | 8-#6 E.W. |
| F-8 | 7'-6" x 4'-6" x 1'-5" | 11-#6 E.W. |