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## University Union Plaza Project MAJ 08-MJ0044

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### ADDENDUM # 2

**PROJECT MANAGER:**

Barbara Queen  
Project Manager  
Facilities Planning & Capital Projects  
[bqueen@calpoly.edu](mailto:bqueen@calpoly.edu)

**ARCHITECT/ENGINEER:**

Omni Design Group  
689 Tank Farm Road  
San Luis Obispo, CA 93401

**DATE:** May 29, 2009

**Submittal Date:** **June 4, 2009**  
**before 2:00 p.m.**

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The following additions, deletions, and revisions to the Drawings and Project Manual are a part of the Contract Documents.

Each Bidder shall:

- Submit the information contained in this addendum to their subcontractors and suppliers.
- Acknowledge receipt of addenda on the Bid Form.  
**Note:** Failure to acknowledge addenda in the space provided on the Bid Form may subject the Bidder to disqualification.

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**Item 2-1**     **Division 0, Part A, Notice to Contractors, Invitation to Bid (third page, first paragraph, last sentence) AND**

**Division 0, Part A, Sample Bid Proposal Forms, Concrete Prequalification Questionnaire (first page, fourth paragraph) AND**

**Division 0, Part C, Supplementary General Conditions, (Article 2.02-c, third sentence) AND**

**Division 1, Section 01010, Summary of Work, Part 1.09-A. Prequalification Requirements**

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**NOTE THE FOLLOWING:**

**Below are the prequalifiers under the Concrete Prequalification Questionnaire:**

**Diani Building Corp.  
P.O. Box 5757  
Santa Maria, CA 93456-5757  
T: 805/925-9533  
F: 805.928.2150  
Michael Diani**

Maino Construction Company, Inc.  
P.O. Box 1347  
San Luis Obispo, CA 93406-1347  
T: 805/543-7411  
F: 805.543.0514  
Thomas M. Maino

Nick E. Pokrajac, Inc.  
P.O. Box 539  
Templeton, CA 93465  
T: 805/434-2219  
F: 805.434.1088  
Nick E. Pokrajac

Specialty Construction, Inc.  
645 Clarion Court  
San Luis Obispo, CA 93401  
T: 805/543-1706  
F: 805.543.1722  
Rudy Bachmann

Spiess Construction Co., Inc.  
P.O. Box 2849  
Santa Maria, CA 93457  
T: 805/937-5859  
F: 805.934.4432  
Scott A. Coleman

T.B. Penick & Sons, Inc.  
9747 Olson Drive  
San Diego, CA 92121  
T: 800/239-3046  
F: 858.558.1881  
Marc E. Penick

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**Item 2-2      Addendum #1, Delete "Item 1-8, Sheet C1.1, Utility Plan, 100% Construction Documents"**

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**DELETE THE FOLLOWING:**

**Item 1-8 Sheet C1.1, Utility Plan, 100% Construction Documents**

DELETE THIS ITEM IN ITS ENTIRETY. ITEM NUMBER WAS DUPLICATED AND THE DOCUMENTS ARE REVISED PER THIS ADDENDUM NO. 2, ITEM 2-5.

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**Item 2-3      Addendum #1, Item 1-9**

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**REPLACE THE FOLLOWING:**

~~**Sheet A8.6 – As-Built A.32 – Exterior Walls & Steps (For Reference Only)**~~

ADD THE SHEET **A8.6**, TITLE **AS-BUILT A.32 – EXTERIOR WALLS & STEPS (FOR REFERENCE ONLY)** TO CONTRACT DOCUMENT PLAN SET

**WITH:**

**Sheet A8.7 – As-Built A.32 – Exterior Walls & Steps (For Reference Only)**

ADD THE SHEET A8.7, TITLE AS-BUILT A.32 – EXTERIOR WALLS & STEPS (FOR REFERENCE ONLY) TO CONTRACT DOCUMENT PLAN SET

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**Item 2-4 Specification Section 051200, Part 1 - General, Item 1.6 – Quality Assurance**

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**ADD THE FOLLOWING:**

**051200, Item 1.6.A**

INSTALLER QUALIFICATIONS: A QUALIFIED INSTALLER WHO PARTICIPATES IN THE AISC QUALITY CERTIFICATION PROGRAM AND IS DESIGNATED AN AISC-CERTIFIED ERECTOR. IN LIEU OF PARTICIPATING IN THE AISC QUALITY CERTIFICATION PROGRAM AND BEING DESIGNATED AN AISC-CERTIFIED ERECTOR, FABRICATOR AND ERECTOR SHALL HAVE A MINIMUM 20 YEARS EXPERIENCE. ALL FABRICATORS AND ERECTORS WHO DO NOT MAINTAIN THE AISC QUALITY CERTIFICATION AND WILL BE UTILIZING 20 YEARS OF EXPERIENCE SHALL ADD TO THE SUBMITTAL PACKAGE A COMPLETED QUALITY ASSURANCE PLAN CONSISTENT WITH APPENDIX Q OF AISC 341 AND FOLLOW ALL REQUIREMENTS SET FORTH BY ATTACHED DOCUMENT "BC-01" PREPARED BY THE STRUCTURAL ENGINEER DATED 5/28/09.

**051200, Item 1.6.B**

FABRICATOR QUALIFICATIONS: A QUALIFIED FABRICATOR WHO PARTICIPATES IN THE AISC QUALITY CERTIFICATION PROGRAM AND IS DESIGNATED AN(D) AISC-CERTIFIED PLANT. IN LIEU OF PARTICIPATING IN THE AISC QUALITY CERTIFICATION PROGRAM AND BEING DESIGNATED AN AISC-CERTIFIED ERECTOR, FABRICATOR AND ERECTOR SHALL HAVE A MINIMUM 20 YEARS EXPERIENCE. ALL FABRICATORS AND ERECTORS WHO DO NOT MAINTAIN THE AISC QUALITY CERTIFICATION AND WILL BE UTILIZING 20 YEARS OF EXPERIENCE SHALL ADD TO THE SUBMITTAL PACKAGE A COMPLETED QUALITY ASSURANCE PLAN CONSISTENT WITH APPENDIX Q OF AISC 341 AND FOLLOW ALL REQUIREMENTS SET FORTH BY ATTACHED DOCUMENT "BC-01" PREPARED BY THE STRUCTURAL ENGINEER DATED 5/28/09.

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**Item 2-5 100% Construction Documents, Sheets C1.0, C1.1, C1.2, C2.0, C2.1, and C3.0**

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**REPLACE THE FOLLOWING:**

**100% Construction Documents, Sheets: C1.0, C1.1, C1.2, C2.0, C2.1 and C3.0**

REPLACE SHEETS C1.0, C1.1, C1.2, C2.0, C2.1 and C3.0 WITH THE REVISED SHEETS ATTACHED TO THIS ADDENDUM. REVISIONS HAVE BEEN MADE TO CORRECT CATCH BASIN SIZE AND ASSOCIATED SHEET NOTE CALL OUT. SEE REVISIONS ON SHEETS.

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**Item 2-6 100% Construction Documents, Sheet A4.0 and Sheet A7.0**

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**REPLACE THE FOLLOWING:**

**Sheet A4.0, Reference note 3**

TYPICAL EXPANSION/CONSTRUCTION JOINTS AT NEW CONCRETE WALLS, PLANTERS AND STAIRS. REFER TO DETAIL ~~13/A4.0~~.

**WITH:**

TYPICAL EXPANSION/CONSTRUCTION JOINTS AT NEW CONCRETE WALLS, PLANTERS AND STAIRS. REFER TO DETAIL 14/A4.0.

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# STRUCTURAL STEEL SEISMIC LOAD RESISTING SYSTEM (S.L.R.S.)

## QUALITY ASSURANCE (QA) & QUALITY CONTROL (QC) REQUIREMENTS

1. IN ADDITION TO THE ITEMS BELOW, SEE GENERAL STRUCTURAL NOTES FOR SPECIAL INSPECTION AND GENERAL STRUCTURAL STEEL REQUIREMENTS.
2. INSPECTOR QUALIFICATIONS
  - a. QUALITY ASSURANCE (QA) WELDING INSPECTORS SHALL BE QUALIFIED IN ACCORDANCE AS OUTLINED IN AWS D1.8 SECTION 7.2.1 & AISC 341 APPENDIX W, SECTION W3.2.
  - b. QUALITY ASSURANCE (QA) NON-DESTRUCTIVE TESTING (NDT) PERSONNEL SHALL BE QUALIFIED IN ACCORDANCE WITH THEIR EMPLOYER'S WRITTEN PRACTICE WHICH SHALL MEET OR EXCEED THE CRITERIA THE AMERICAN SOCIETY FOR NONDESTRUCTIVE TESTING (ASNT) RECOMMENDED PRACTICE; SNT-TC-1A OR CP-189.
  - c. QUALITY CONTROL (QC) WELDING INSPECTORS SHALL BE ASSOCIATE WELDING INSPECTORS (AWI) OR HIGHER AS DEFINED IN AWS B5.1, OR OTHERWISE QUALIFIED UNDER THE PROVISIONS OF AWS D1.1 SECTION 6.1.4, AND TO THE SATISFACTION OF THE CONTRACTOR'S QC PROGRAM.
  - d. ULTRASONIC TESTING TECHNICIANS SHALL BE CERTIFIED AS LEVEL II OR LEVEL III BY THEIR EMPLOYER OR CERTIFIED AS ASNT LEVEL III THROUGH EXAMINATION BY THE ASNT. ALL REQUIRED ULTRASONIC TESTING SHALL BE PERFORMED ONLY BY CERTIFIED UT TECHNICIANS.
3. REQUIRED DOCUMENTATION
  - a. QUALITY CONTROL (CONTRACTOR DOCUMENTS)
    - i. QUALITY CONTROL DOCUMENTS SHALL BE SUBMITTED FOR REVIEW BY THE ENGINEER OF RECORD (E.O.R.) PRIOR TO FABRICATION OR ERECTION AS APPLICABLE.
    - ii. QUALITY CONTROL DOCUMENTS SHALL BE DEFINED AS THOSE OUTLINED IN AISC 341 APPENDIX Q, SECTION Q3 & AISC 360 CHAPTER M, SECTION M5.
      1. WELDING PROCEDURE SPECIFICATIONS (WPS), WHICH SHALL SPECIFY ALL APPLICABLE VARIABLES OF AWS D1.1 AND THE FOLLOWING:
        - a. POWER SOURCE.
        - b. FOR DEMAND CRITICAL WELDS (DCW), ELECTRODE MANUFACTURER AND TRADE NAME.
    - b. QUALITY ASSURANCE AGENCY DOCUMENTS
      - i. THE AGENCY RESPONSIBLE FOR QUALITY ASSURANCE (QA) SHALL SUBMIT DOCUMENTATION OUTLINED IN AISC 341 APPENDIX Q, SECTION Q4 TO THE AUTHORITY HAVING JURISDICTION, THE ENGINEER OF RECORD, AND THE OWNER OR OWNER'S AGENT.
  4. INSPECTION POINTS AND FREQUENCIES
    - A. INSPECTION POINTS AND FREQUENCIES OF QUALITY CONTROL (QC) & QUALITY ASSURANCE (QA) TASKS AND DOCUMENTATION FOR THE SEISMIC LOAD RESISTING SYSTEM (S.L.R.S.) SHALL BE AS PROVIDED IN TABLES FROM AISC 341, APPENDIX Q, SECTION Q5.
    - B. INSPECTION OF WELDING
      - i. VISUAL INSPECTION OF WELDING SHALL BE THE PRIMARY METHOD USED TO CONFIRM THAT THE PROCEDURES, MATERIALS, AND WORKMANSHIP INCORPORATED IN CONSTRUCTION ARE THOSE THAT HAVE BEEN SPECIFIED AND APPROVED FOR THE PROJECT. AS A MINIMUM THE TASKS SHALL BE THOSE SET FORTH IN AISC 341, APPENDIX Q, SECTION Q5.1.
      - ii. NON-DESTRUCTIVE TESTING (NDT) OF WELDS SHALL COMPLY WITH AISC 341, APPENDIX Q, SECTION Q5.2 & AISC 341, APPENDIX W, SECTION W4.
      - iii. ADDITIONAL WELDING PROVISIONS FOR DEMAND CRITICAL WELDS (DCW) SHALL BE PER AISC 341, APPENDIX W, SECTION W6 AND HAVE NOTCH TOUGHNESS VERIFICATION TESTS PERFORMED PER AISC 341, APPENDIX X.
    - C. INSPECTION OF BOLTING
      - i. VISUAL INSPECTION OF BOLTING SHALL BE THE PRIMARY METHOD USED TO CONFIRM THAT THE PROCEDURES, MATERIALS, AND WORKMANSHIP INCORPORATED IN CONSTRUCTION ARE THOSE THAT HAVE BEEN SPECIFIED AND APPROVED FOR THE PROJECT. AS A MINIMUM THE TASKS SHALL BE THOSE SET FORTH IN AISC 341, APPENDIX Q, SECTION Q5.3.
  5. THE GOVERNING WELDING CODE/STANDARD SHALL BE DETERMINED BY THE TYPE OF STRUCTURAL WELD BEING PERFORMED. WELD TYPES SHALL BE AS REFERENCED ON THE APPROVED CONTRACT DOCUMENTS. SEE CHART BELOW:

STRUCTURAL WELD TYPE (1)	GOVERNING CODE & STANDARDS
Structural Weld <u>NOT</u> Part of the S.L.R.S.	AWS D1.1 AISC 360, J2
Structural Weld identified as part of the S.L.R.S.	AWS D1.1, AWS D1.8 AISC 360, J2 AISC 341, Section 7.3a
Structural Weld identified as part of the S.L.R.S. & Demand Critical (D.C.)	AWS D1.1, AWS D1.8 AISC 360, J2 AISC 358 AISC341, Section 7.3a & 7.3b, Appendix W.6 & X

(1) AS IDENTIFIED ON THE APPROVED CONTRACT DOCUMENTS

### BID CLARIFICATION (QC) & (QA) REQ.

SCALE:	N.T.S.
DATE:	05/28/09
JOB NUMBER:	LS08196

**JULIAN A. McPHEE**  
**UNIVERSITY UNION PLAZA**  
**CAL POLY, 1 GRAND AVENUE**  
**SAN LUIS OBISPO, CA 93407**

### LAMPMAN & SMITH

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 SAN LUIS OBISPO, CA 93401  
 PHONE: (805) 544-9173  
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SHEET NUMBER:

BC-01