



ADDENDUM #2

August 20, 2010

Re: Harrisburg Area Community College
Central Administration – Phase 2 at Penn Center
Solicitation # 11-06

From: Eastern PCM, LLC
Construction Manager – HACC
645 N. 12th Street, Suite 200
Lemoyne, PA 17043

To: All Planholders

This Addendum is hereby made part of the Plans and Project Manual dated August 6, 2010 for the above referenced project. The provisions of this Addendum are intended to supplement the provisions of the Plans and Project Manual and/or supersede them where contradictory thereto.

This Addendum contains changes to the requirements of the Plans and Project Manual. Such changes shall be incorporated into the Plans and Project Manual and shall apply to work with the same meaning and force as if they had been included in the original Plans and Project Manual. Where this Addendum modifies a portion of a paragraph or phrase of the Project Manual, the remaining unmodified portion of the paragraph or phrase shall remain in force.

The conditions and terms of the Plans and Project Manual shall govern work described in this Addendum. Whenever the conditions of work, or the quality or quantity of materials or workmanship are not fully described in this Addendum, the conditions of work etc. included in the Plans and Project Manual for similar items of work shall apply to the work described in this Addendum. If no similar items of work are included in the Plans and Project Manual, the quality of material and workmanship shall be subject to the written acceptance of the Architect.

2.1 CHANGES TO ADDENDUM #1 DATED AUGUST 18, 2010

A. 1.1A:

ADD iv. Structural modifications will be required for addition support. See attached drawings.

B. 1.1C Unit Price #3

REVISE to Read:

“Paint interior side ONLY of exterior windows, including prep, prime, and two (2) coats of paint.”

C. 1.1C Unit Price #4

ADD “Max Run 250 ft.”

D. 1.2A

REVISE to read: “Delete General Demolition Note 6”

E. 1.2H

REVISE to read: “Delete Safety Switches Note 3”

F. Pre-Bid Meeting Minutes

REVISE Item 1.28 to read: “Insulation ceilings as scheduled on the Drawings”

2.2 CHANGES TO THE PROJECT MANUAL

A. Division 17 – NetClear GT Cabling System

Item 2.1 Equivalent Products

REVISE last sentence to read: “Substitutions will be allowed for cabling only. Acceptable manufacturers are Berk-tek, Mohawk, Belkin.”

2.3 CHANGES TO THE DRAWINGS

ADD the following Drawings (attached)

1. M-1 Second Floor Mechanical
2. M-2 Third Floor Mechanical
3. S1.1 Structural Plans

2.4 CLARIFICATIONS

Q. Is the GC required to provide a job trailer?

A. No

Q. Will there be a room available in the building for coordination meetings?

A. Yes

Q. Will the GC be responsible to set-up, maintain, and remove temporary electric or will electric from the building be available for the GC to use?

A. Electric from the building is available

Q. Will the GC be permitted to use water from the building for temporary water?

A. Yes

Q. Given the nature of this project, will the Owner pay the use charges for temporary electric and water?

A. Yes

Q. Is the GC required to provide a project identification sign?

A. Yes

Q. If so, will the GC be required to provide lighting for the project identification sign?

A. No

Attachments:

1. M-1 Second Floor Mechanical
2. M-2 Third Floor Mechanical
3. S1.1 Structural Plans

END OF ADDENDUM



Please sign and return this page, via fax, to Eastern PCM, LLC at (717) 233-1666 indicating receipt of this Addendum.

Central Administration – Phase 2 at Penn Center, #11-06

Addendum #2 has been received.

Company: _____
Print Company Name

Received By: _____
Print Name Signature

Date: _____

Please check one:

- _____ We are bidding as a prime contractor
- _____ We are not bidding
- _____ We are a sub-contractor

STRUCTURAL GENERAL NOTES

1. CODE

A. ALL CONSTRUCTION SHALL CONFORM WITH THE PROVISIONS OF THE 2006 IBC.

2. DESIGN LOADING

A. THE DESIGN DEAD LOAD FOR THE FRAMING IS AS FOLLOWS:

(E) CONCRETE FLOOR SLAB	(E) WOOD FLOOR
(E) CONCRETE SLAB ----- 40 PSF	WOOD DECK ----- 3 PSF
FRAMING ----- 5 PSF	FRAMING ----- 5 PSF
MECHANICAL ----- 5 PSF	MECHANICAL ----- 5 PSF
ELEC/LIGHTS ----- 3 PSF	ELEC/LIGHTS ----- 3 PSF
CEILING ----- 3 PSF	CEILING ----- 3 PSF
MISCELLANEOUS ----- 4 PSF	MISCELLANEOUS ----- 1 PSF
TOTAL ----- 60 PSF	TOTAL ----- 20 PSF

THE MINIMUM DESIGN LIVE LOADINGS FOR ALL FRAMING IS AS FOLLOWS:

STAIRS ----- 100 PSF
 OFFICES TYP. ----- 70 PSF
 2ND & 3RD FLOOR CORRIDORS ----- 80 PSF

THE CONTRACTOR IS CAUTIONED AS TO NOT STORE ANY CONSTRUCTION MATERIALS OR UNDERTAKE ANY CONSTRUCTION OPERATION WHICH WILL EXCEED THE DESIGN LIVE LOAD CAPACITIES NOTED.

B. THE STRUCTURE HAS BEEN DESIGNED FOR THE DEAD AND LIVE LOADS INDICATED ABOVE. ANY INCREASE OF LOADS DUE TO CHANGE IN USAGE OR CONSTRUCTION MATERIALS, ETC. SHALL HAVE THE WRITTEN APPROVAL OF THE ENGINEER.

C. THE STABILITY OF THE STRUCTURE IS DEPENDENT UPON THE DIAPHRAGM ACTION OF THE FLOOR AND ROOF. THE CONTRACTOR IS COMPLETELY RESPONSIBLE FOR THE METHODS OF CONSTRUCTION AND SHALL PROVIDE ALL GUYS, BRACING AND SHORING REQUIRED TO ACCOMMODATE ALL INTERIM LOADING CONDITIONS THROUGHOUT THE CONSTRUCTION PHASE.

D. WEIGHT OF EQUIPMENT SHOWN ON THE STRUCTURAL DRAWINGS HAVE BEEN CONSIDERED IN THE DESIGN OF THE FRAMING. ANY ADDITIONAL EQUIPMENT NOT SHOWN ON THE STRUCTURAL DRAWINGS AND EXCEEDING 500 POUNDS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR APPROVAL PRIOR TO INSTALLATION.

3. GENERAL

A. THE CONTRACTOR SHALL FIELD CHECK AND VERIFY ALL DIMENSIONS AND ELEVATIONS OF EXISTING WORK PRIOR TO FABRICATION OF ANY NEW MATERIALS.

B. THE CONTRACTOR IS ADVISED THAT ALL PLANS, DIMENSIONS, AND DETAILS DEPICT FIELD CONDITION AS SHOWN. MINOR VARIATIONS ARE TO BE EXPECTED AND ANY DEVIATIONS FROM THE CONTRACT DOCUMENTS SHALL BE APPROVED BY THE ARCHITECT IN WRITING PRIOR TO PROCEEDING.

C. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO EXAMINE THE EXISTING BUILDING DURING THE COURSE OF CONSTRUCTION AND IMMEDIATELY ADVISE THE ARCHITECT OF ANY AREAS WHERE THE STRUCTURE EXHIBITS DISTRESS OR FAILURE.

D. IT IS THE CONTRACTOR'S RESPONSIBILITY TO SATISFY HIMSELF AS TO THE LOCATION OF ANY UTILITIES IN THE IMMEDIATE VICINITY OF CONSTRUCTION SO AS TO PREVENT DAMAGE TO THEM. SHOULD ANY DAMAGE TO SUCH UTILITIES OCCUR THE CONTRACTOR SHALL BE REQUIRED TO REPAIR SUCH DAMAGE AT HIS OWN EXPENSE AND TO THE SATISFACTION OF THE OWNER.

E. THE CONTRACTOR SHALL EXERCISE CARE DURING DEMOLITION AND CONSTRUCTION AS REQUIRED TO MAINTAIN THE STABILITY OF EXISTING CONSTRUCTION. EXISTING WALLS ARE DEPENDENT UPON THE EXISTING FLOORS AND ROOFS FOR STABILITY. ALL FLOORS AND ROOFS, WHICH ARE TO BE DEMOLISHED, MUST BE REPLACED WITH ADEQUATE BRACING AS REQUIRED TO MAINTAIN EXISTING CONSTRUCTION.

F. SHOP DRAWINGS FOR ALL STRUCTURAL ELEMENTS SHOWN ON THE CONTRACT DOCUMENTS MUST BE SUBMITTED BY THE GENERAL CONTRACTOR AND REVIEWED BY THE ENGINEER. IF THE CONTRACTOR OR OWNER FAILS TO OBTAIN ENGINEER'S REVIEW OF THE SHOP DRAWINGS, THE ENGINEER WILL NOT BE RESPONSIBLE FOR THE STRUCTURAL CERTIFICATION AND DESIGN OF THE PROJECT. SHOP DRAWINGS ARE REVIEWED BY THE ENGINEER AS A CONVENIENCE TO THE GENERAL CONTRACTOR AND ARE NOT A CONTRACT DOCUMENT.

G. LOADS GREATER THAN THE DESIGN LIVE LOADS SHALL NOT BE PLACED ON THE STRUCTURE. CONTRACTOR SHALL SUPPORT ADJACENT STRUCTURES, UTILITIES AND EXCAVATIONS AS REQUIRED. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL TEMPORARY FORMWORK, SHEETING, SHORING AND UNDERPINNING SEALED BY A PROFESSIONAL ENGINEER AS A PART OF THE CONTRACTOR'S WORK.

H. THE CONTRACTOR SHALL PROVIDE ALL SHORING, NEEDLING AND BRACING AS REQUIRED TO SUPPORT THE EXISTING STRUCTURE. THE CONTRACTOR SHALL EXAMINE THE EXISTING STRUCTURE TO DETERMINE THE EXTENT OF NECESSARY SHORING, NEEDLING AND UNDERPINNING. THE CAPACITY AND METHOD USED FOR SHORING AND NEEDLING SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.

J. THE ARCHITECTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THESE STRUCTURAL DRAWINGS FOR DETAIL DIMENSIONS AND SECTION DETAILS AS REQUIRED.

K. AT THE TIME OF SHOP DRAWING SUBMISSION, THE GENERAL CONTRACTOR SHALL INFORM THE ENGINEER, IN WRITING, OF ANY DEVIATIONS OR OMISSIONS FROM THE CONTRACT DOCUMENTS.

L. CONSULT ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR VERIFICATION OF LOCATION AND DIMENSION OF CHASES, INSERTS, OPENINGS, SLEEVES, WASHERS, DRIPS, REVEALS, DEPRESSIONS AND OTHER PROJECT REQUIREMENTS.

M. THE STRUCTURAL CONTRACT DOCUMENTS ARE NOT TO BE REPRODUCED FOR USE AS SHOP DRAWINGS.

4. STRUCTURAL AND MISCELLANEOUS STEEL

A. ALL STRUCTURAL AND MISCELLANEOUS STEEL SHALL CONFORM TO THE NINTH EDITION OF THE AISC "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" AND ALL ITS SUPPLEMENTS, AND TO THE AISC "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES."

B. ALL STRUCTURAL STEEL BEAMS AND COLUMNS SHALL CONFORM TO ASTM A-572 Fy=50,000 PSI UNLESS NOTED OTHERWISE. ALL ANGLES, CHANNELS AND MISCELLANEOUS STEEL SHALL CONFORM TO ASTM A-36, Fy = 36,000 PSI.

C. ALL WELDED CONNECTIONS SHALL BE DONE WITH E70XX ELECTRODES WITH 3/16" MINIMUM MATERIAL.

D. NO OPENINGS IN BEAMS SHALL BE PERMITTED WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT.

E. THE USE OF A GAS-CUTTING TORCH IN THE FIELD FOR CUTTING HOLES OR FOR CORRECTING FABRICATION ERRORS WILL NOT BE PERMITTED ON STRUCTURAL FRAMING MEMBERS EXCEPT WITH THE WRITTEN APPROVAL OF THE ARCHITECT FOR EACH SPECIFIC CONDITION.

5. WOOD FRAMING

5A. GENERAL WOOD FRAMING

A. ALL WOOD FRAMING SHALL BE FABRICATED AND ERECTED IN ACCORDANCE WITH "THE NATIONAL DESIGN SPECIFICATION FOR WOOD CONSTRUCTION", LATEST EDITION, AS PUBLISHED BY THE NATIONAL FOREST PRODUCTS ASSOCIATION.

B. ALL LUMBER SHALL BE SPF NO. 2 OR BETTER UNO. 19% MAX. MOISTURE CONTENT OR BETTER. THE MINIMUM DESIGN VALUES SHALL BE AS FOLLOWS: Fb = 850 psi, Fv = 75 psi AND E = 1,300,000 psi.

C. ALL STEEL TIMBER FASTENINGS AND JOIST HANGERS SHALL BE A MINIMUM OF A 16 GA. GALVANIZED STEEL WITH A RATED LOAD CAPACITY EQUAL TO OR EXCEEDING THE IMPOSED LOADING REQUIREMENTS.

D. NAILING OF ALL FRAMING SHALL MEET THE RECOMMENDED FASTENING SCHEDULE CONTAINED IN THE IBC 2006.

E. CUTTING AND NOTCHING OF WOOD FRAMING SHALL ONLY BE PERMITTED WITHIN THE LIMITS PRESCRIBED BY THE IBC 2006.

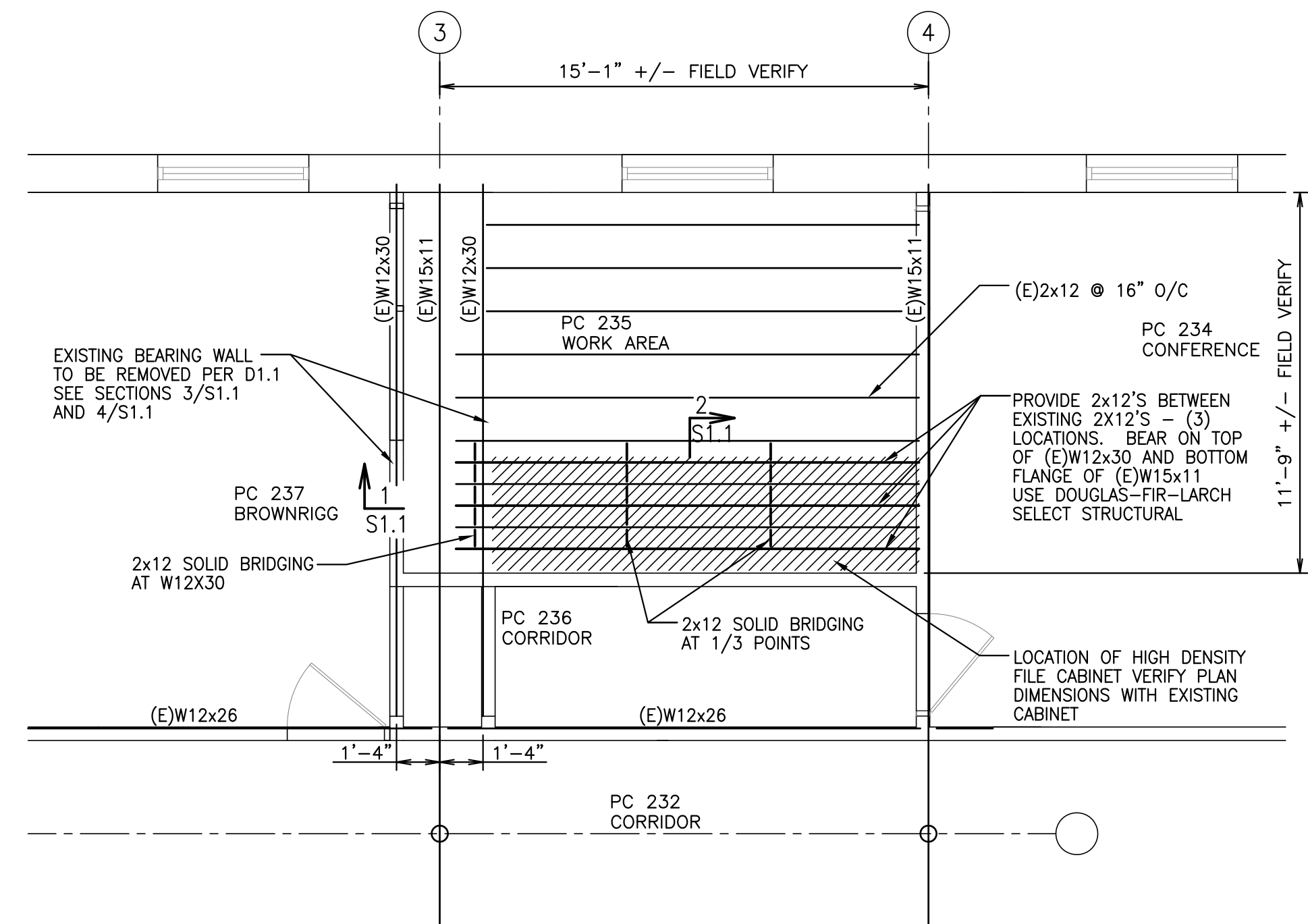
5B. PLYWOOD AND WOOD DECKING

A. PLYWOOD SHALL BE SECURELY FASTENED 3/8" FROM THE EDGE, NOT LESS THAN 6 INCHES ON CENTERS AT ALL EDGES, AND NOT LESS THAN 12 INCHES ON CENTER FOR ALL INTERMEDIATE JOISTS. USE 6D NAILS FOR 3/8" AND 1/2" PLYWOOD AND 8D NAILS FOR 3/4" PLYWOOD.

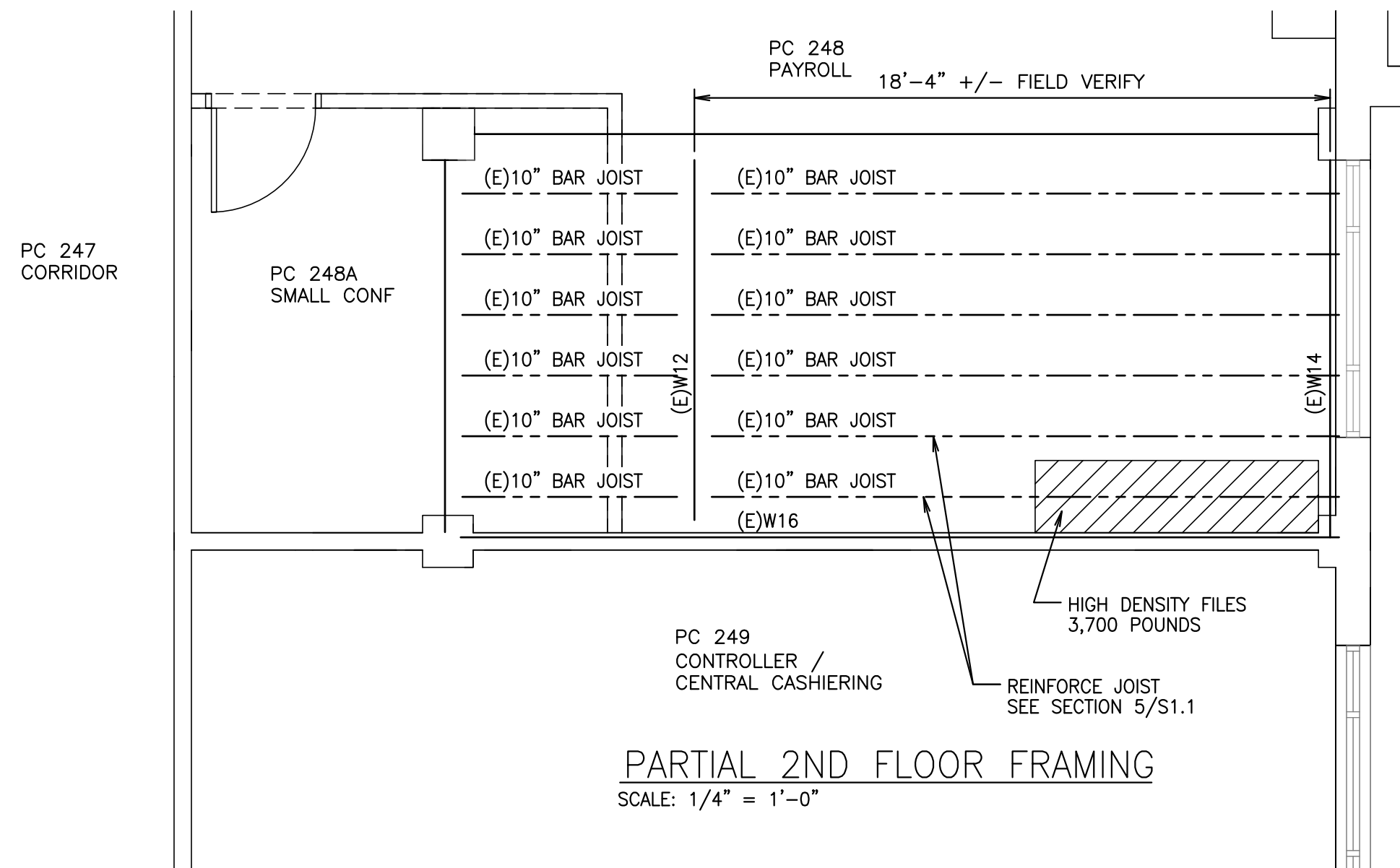
5C. WOOD ENGINEERED BEAMS

A. ALL MICROLAM BEAMS TO BE 1.9E MICROLAM LVL AS MANUFACTURED BY TRUSS JOIST MACMILLAN OR AN APPROVED EQUIVALENT.

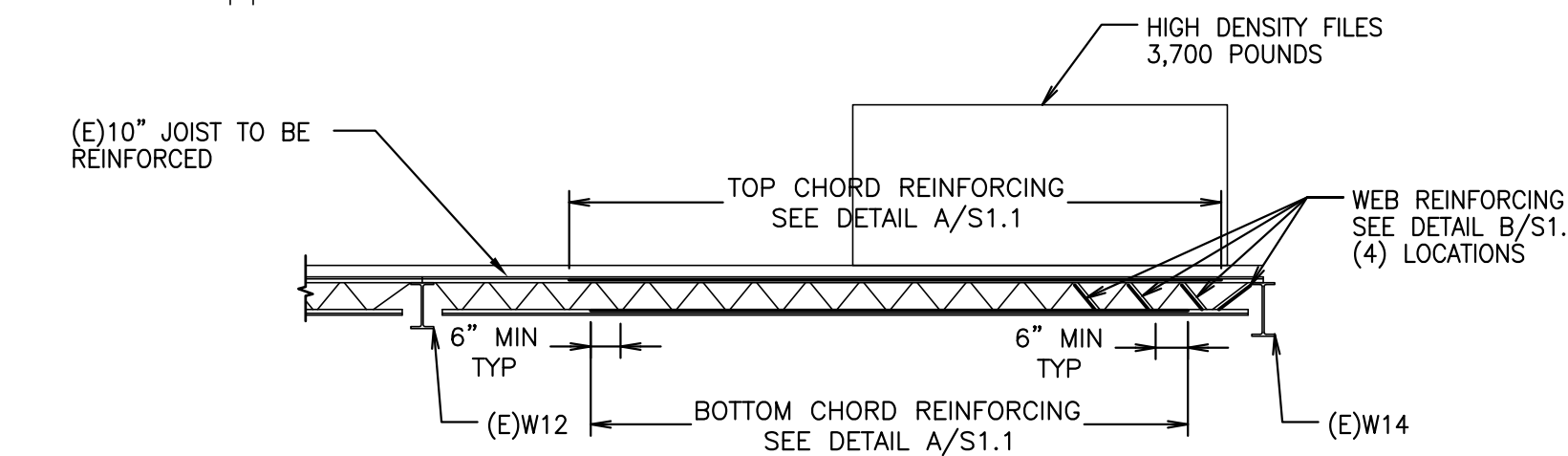
B. CONNECT MULTIPLE LVL BEAMS TOGETHER USING 16d NAILS: 3 ROWS AT 12" O/C FOR DEPTH > 12"



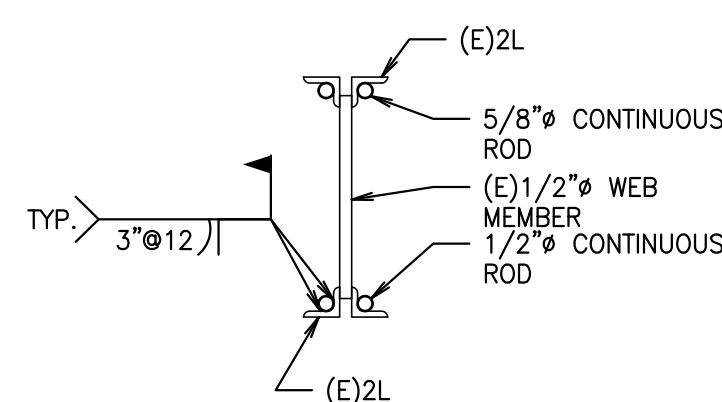
PARTIAL 2ND FLOOR FRAMING
SCALE: 1/4" = 1'-0"



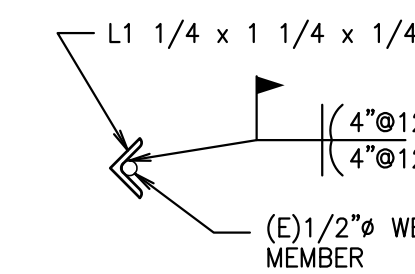
PARTIAL 2ND FLOOR FRAMING
SCALE: 1/4" = 1'-0"



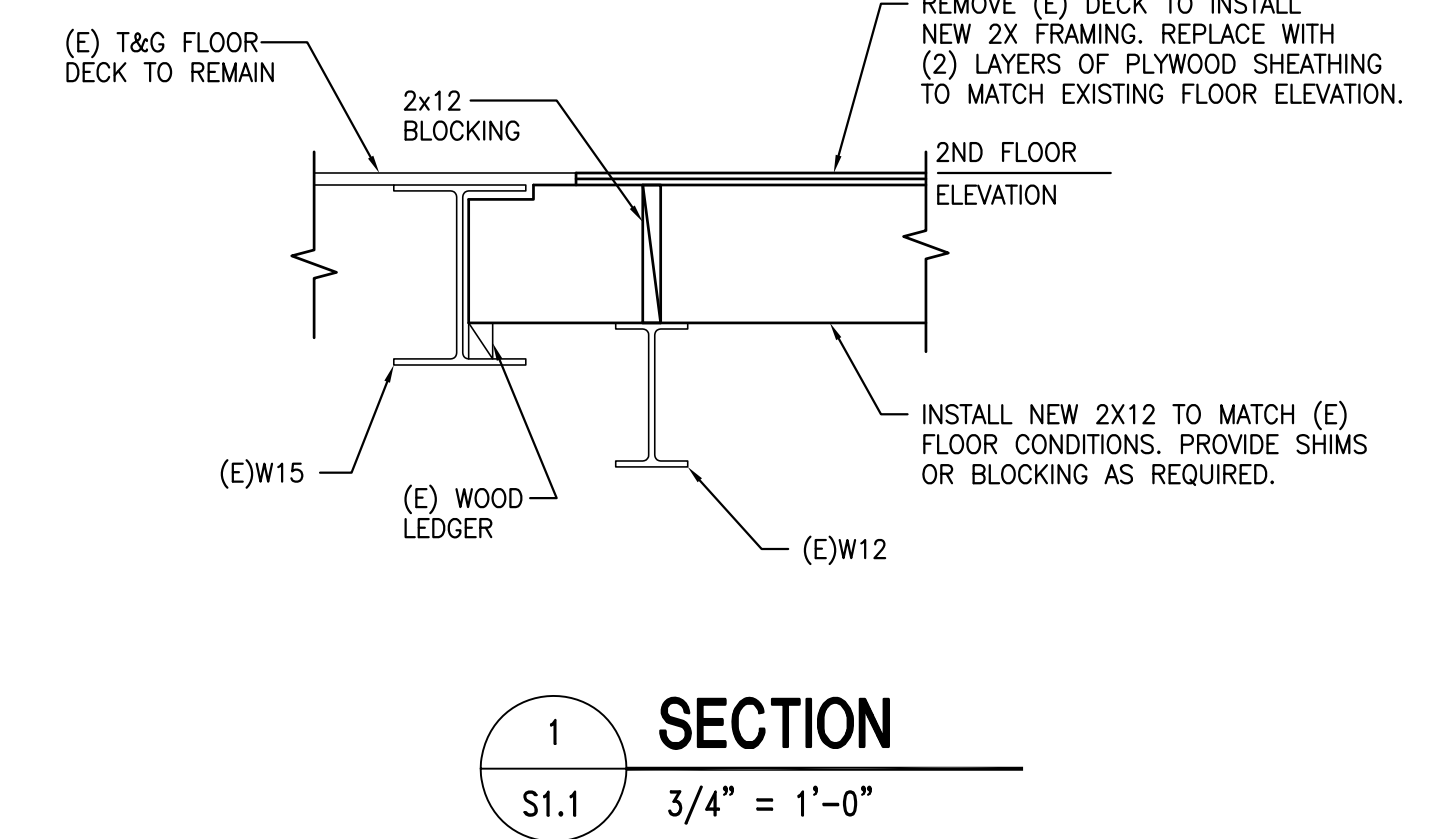
SECTION 5
S1.1 3/4" = 1'-0"



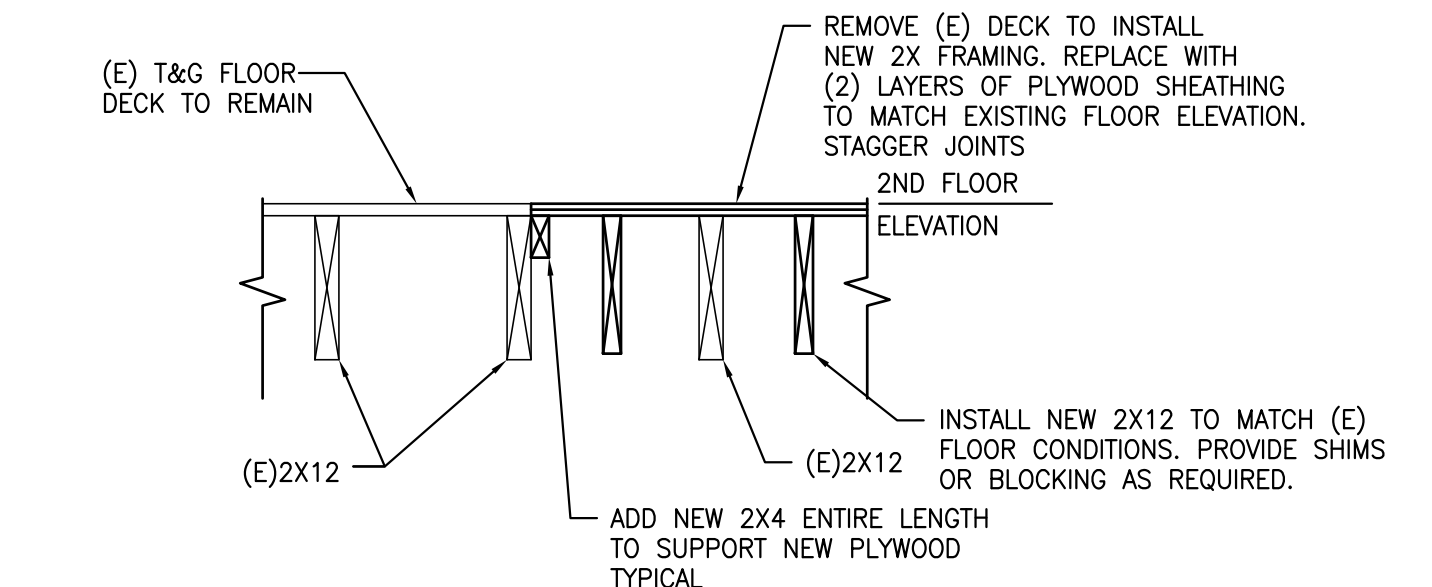
DETAIL A
S1.1 NOT TO SCALE



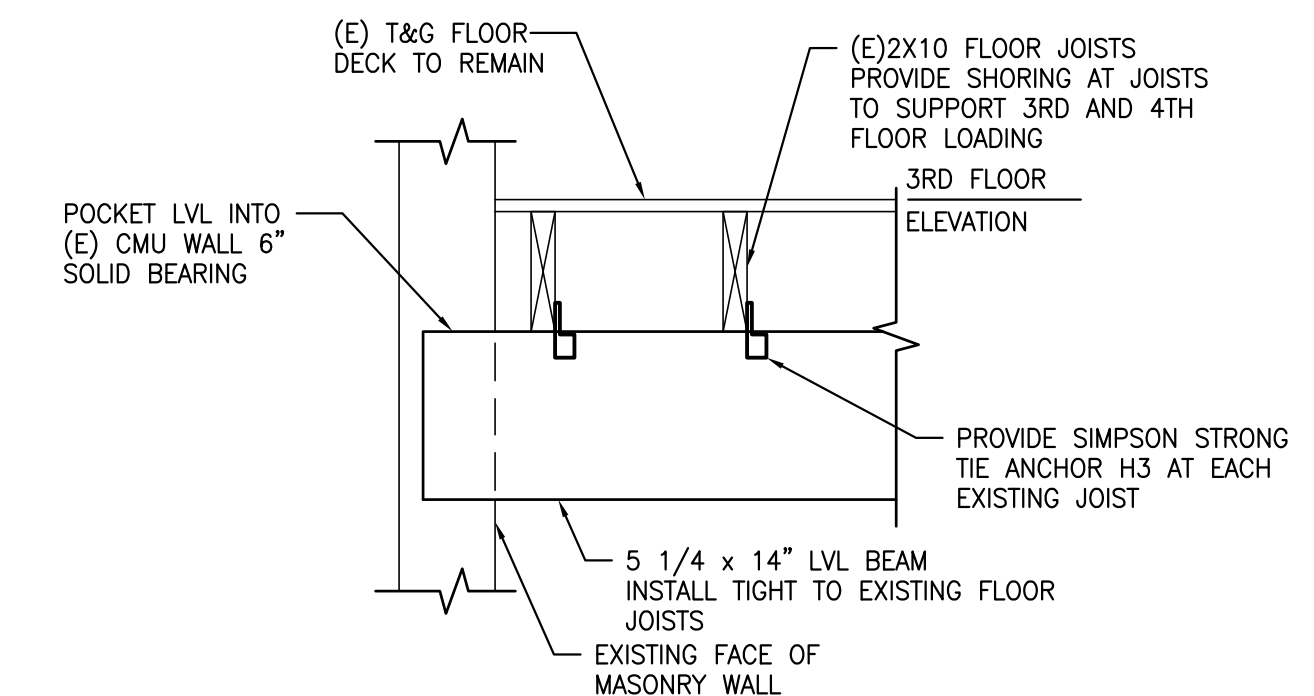
DETAIL B
S1.1 NOT TO SCALE



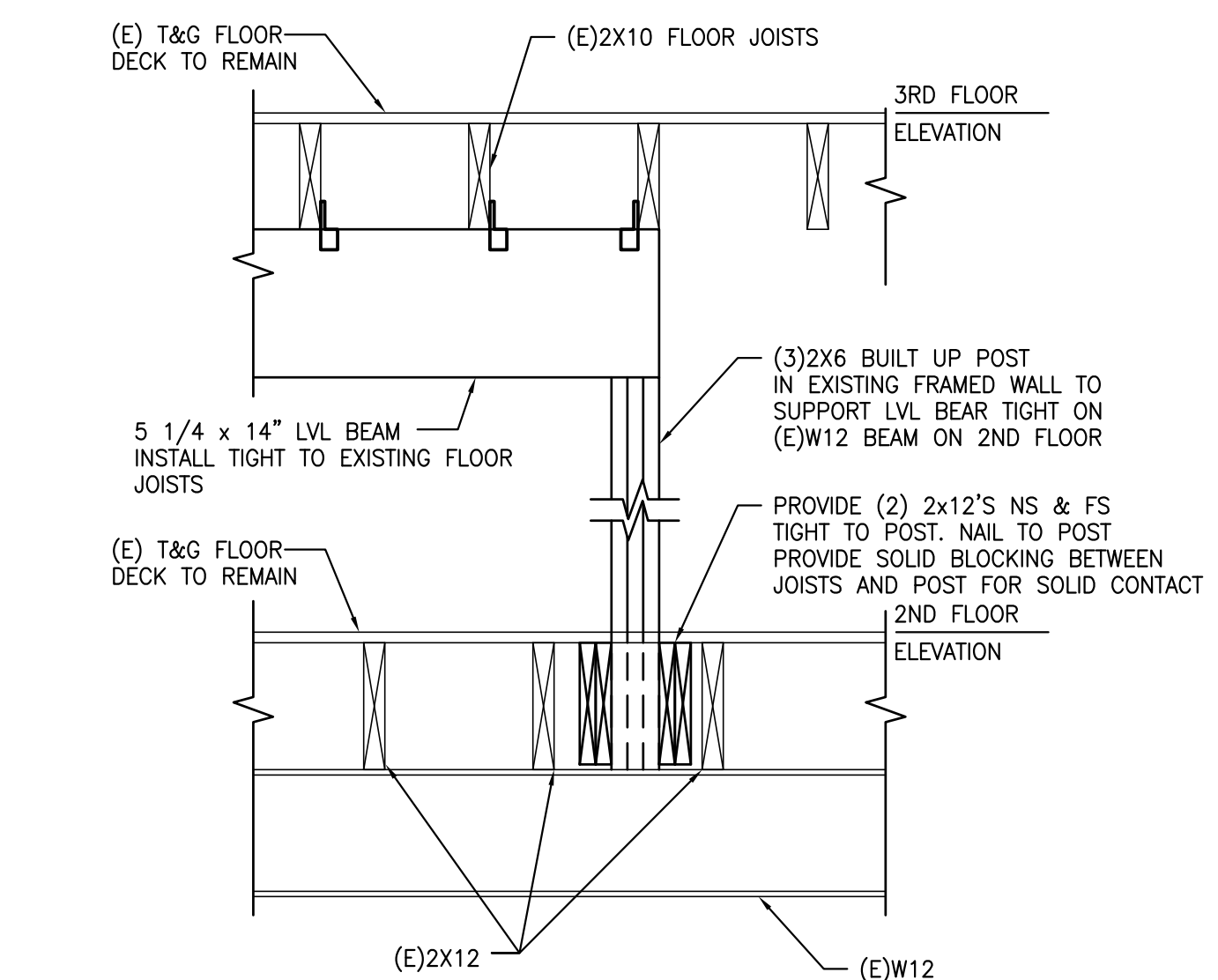
SECTION 1
S1.1 3/4" = 1'-0"



SECTION 2
S1.1 3/4" = 1'-0"



SECTION 3
S1.1 3/4" = 1'-0"



SECTION 4
S1.1 3/4" = 1'-0"

<input type="checkbox"/>	PRELIMINARY DRAWING DATE ISSUED:
<input type="checkbox"/>	BID DRAWING DATE ISSUED: 10/08/06
<input type="checkbox"/>	PERMIT DRAWING DATE ISSUED: 10/08/18
<input type="checkbox"/>	CONSTRUCTION DRAWING DATE ISSUED:
<input type="checkbox"/>	AS-BUILT DRAWING DATE ISSUED:

WBCM
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EASTERN PCM, LLC
PROGRAM AND CONSTRUCTION MANAGEMENT... PUTTING THE PIECE TOGETHER

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BUILDING #1, SUITE 100
HARRISBURG, PA 17110

717.236.2266 PHONE
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CREATING EXCEPTIONAL PLACES

No.	Date	Revisions	By	Check

Project Name
CENTRAL ADMINISTRATION
PHASE 2 AT PENN CENTER

Project #
0710

Description
STRUCTURAL PLANS

Date
AUGUST 6, 2010

Scale
AS SHOWN

Key Plan

CENTRAL ADMINISTRATION PHASE 2 AT PENN CENTER

S1.1

Scale

All drawings and written material appearing herein constitute original and unpublished work of the architect and may not be duplicated, used or disclosed without the written consent of the architect.