

ADDENDUM NO. 4

UNIVERSITY OF CONNECTICUT HEALTH CENTER FINANCE CORPORATION
AMBULATORY CARE CENTER (ACC) FIT-OUT
Farmington, CT

UCHC Project No. 11-042
DCC Project No. 527-12

1. The Bid Due Date has been **EXTENDED for the following trades ONLY to October 15, 2013:**

Bid Package Name & Number	Bid Package Value	Set-Aside	DAS Prequal
03A Concrete	\$ 110,000	X	
05A Misc Metals	\$ 375,000	X	
07B Fireproofing	\$ 280,000		
08A Glass & Glazing	\$ 1,300,000		X
08B Door and Hardware Install	\$ 350,000	X	
08C Door, Frame & Hardware	\$ 2,100,000		X
09E Resilient Flooring	\$ 575,000		X
09F Tile	\$ 900,000		X
09G Carpet & Entrance Mats	\$ 500,000		X
09H Painting & Wall Covering	\$ 500,000	X	X
09I Painting & Wall Covering	\$ 500,000	X	X
10I Operable Partitions	\$ 70,000		
12A Window Shades	\$ 400,000		

2. **ALL REMAINING BID PACKAGES NOT LISTED ABOVE ARE STILL DUE AS FOLLOWS:**

DUE DATE: Friday, September 27, 2013

TIME: 12:00 PM

PROJECT: University of Connecticut Health Center Finance Corporation
Ambulatory Care Center (ACC) Fit-Out
(Project #11-042)

LOCATION: Homewood Suites by Hilton, Farmington
2 Farm Glen Blvd
Farmington, CT 06032

3. RFI Log dated 9-19-13 has been attached to and made part of this Addendum. Attached to the RFI Log are any RFI responses with attachments.

4. There may be no deliveries to the project site between the hours of 7AM and 9AM. NO EXCEPTIONS.
5. No Subcontractors are allowed to park On-Site. All workers must be shuttled in and out of the project site by the trade contractors. All costs associated with off-site parking and shuttling is the responsibility of the trade contractors. NO EXEMPTIONS.
6. All contractors are responsible for loading and unloading their materials in and out of the building. Service Elevators will be available for use starting May of 2014. Loading of all material into and out of the building prior to May of 2014 is solely the responsibility of each trade contractor. Loading points will be provided by Dimeo.
7. The Construction Waste Management Plan and Indoor Air Quality Management Plan have been provided for Reference Only.
8. The following documents are included in this Addendum No. 4:

ITEM	DESCRIPTION	DATE
CONTRACT DOCUMENTS		
00 40 13	Bid Proposal Form	19-Sept-13
00 72 23		
	Exhibit A – Outline Scopes of Work	
	06B Final Cleaning Rev. 1	19-Sept-13
	09A Drywall & Rough Carpentry Rev. 1	19-Sept-13
	09F Tile Rev. 1	19-Sept-13
	09H Painting and Wall Covering (1) Rev. 1	19-Sept-13
	09I Painting and Wall Covering (2) Rev. 1	19-Sept-13
	10E Signage Rev. 1	19-Sept-13
	Exhibit B – Contract Document Log	19-Sept-13
	Exhibit C – Project Schedule	18-Sept-13
	Exhibit E – Project Specific Requirements	19-Sept-13
	Exhibit I – Insurance Requirements (OCIP Manual)	08/2013
	UCHC-ACC LEED Scorecard	27-Aug-13
	UCHC – ACC Construction Waste Management Plan – Draft	
	UCHC – ACC IAQ Plan - Draft	
DRAWINGS		
	Revision 5 Drawings	19-Sept-13

END OF ADDENDUM NO. 4



THRESHOLD BUILDING

**DIMEO CONSTRUCTION COMPANY
BID PROPOSAL FORM
UCONN HEALTH CENTER FINANCE CORPORATION
AMBULATORY CARE CENTER (ACC) FIT-OUT**

DATE: _____

PROPOSAL OF

BIDDER'S LEGAL COMPANY NAME

BIDDER'S ADDRESS

To Dimeo Construction Company

Dear Sir:

1.0 In accordance with Chapter 60 Part II of the Connecticut General Statutes, as amended, and pursuant to, and in compliance with your Invitation to Bid, the Notice to Bidders, the Construction Manager/Trade Contract or Agreement, including the conditions thereto, the Bid Security, I (we) propose to furnish the labor and/or materials, installed as required for the project and bid package named and numbered on this Bid Proposal Form, submitted herein, furnishing all necessary equipment, machinery, tools, labor and other means of construction, and all materials specified in the manner and at the time prescribed strictly in accordance with the provisions of the Construction Manager/Trade Contractor Agreement including, but not limited to, the specifications and/or drawings together with all addenda issued by your authority and received prior to the scheduled closing time for the receipt of the bids, and in conformity with requirements of Dimeo Construction Company and any laws or Departmental regulations of the State of Connecticut or of the United States which may affect the same, for and in consideration of the price(s) stated on the said Bid Proposal Form, hereof.

2.0 The Lump Sum Base Bid by me (us) on the Bid Proposal Form *includes* all work indicated on the drawings and/or described in the specifications and Bid Package.

3.0 I (we) *acknowledge* and *agree* to the following:

3.1 To provide Unit Prices as shown in Section 012200 "Contract Considerations" Division 1 as provided by the Construction Manager and listed below:

Unit Bid No. 1: One set of cubicle curtains and 14 linear feet of track with hangers:
\$_____/LF

Unit Bid No. 2: Cost per dumpster pull: \$_____/Pull based on 5 tons

Unit Bid No. 2A: Cost per ton over 5 tons: \$ _____/Per ton

- 3.2 To complete and submit a Resolution/Certificate of Authority for contracts with a value of \$50,000 or more.

DPW Website location <http://www.ct.gov/dpw/cwp/view.asp?a=1983&q=289926>

- 3.3 To hold the bid price for one hundred and twenty (120) calendar days and any extensions caused by the Subcontractor's delays in required submissions. The Subcontractor and Dimeo Construction Company may mutually agree to extend this period. The agreement to extend the 120-day period may occur after the expiration of the original 120-day period.

The apparent low bidder is required to submit key supporting documents as noted under the caption Bid Submittal Time Line at the end of this Section 00 40 13, within ten (10) calendar days of the bid opening. If there are any delays in the receipt of these materials then the Bid shall remain valid for the same additional number of days. For example, if the materials are submitted four (4) days later; then the bid shall remain valid for one hundred twenty four (124) days.

- 4.0 This Bid Proposal Form is submitted to and in compliance with the foregoing and following conditions and/or information:

4.1 AWARD

4.1.1 All proposals shall be subject to provisions of Article 1 of the Notice to Bidders and for purpose of award, consideration shall be given only to Bid Proposals submitted by qualified and responsible bidders.

4.1.2 The award shall be made on the lowest Lump Sum Bid as stated in Section 7.3 of this Bid Proposal Form.

4.1.3 In the event of any discrepancy between the amount written in words and the amount written in numerical figures, the amount written in words shall be controlling.

4.2 COMMENCEMENT AND ACCEPTANCE

4.2.1 The Subcontractor shall commence Work within fourteen (14) calendar days after receiving "Construction Start Date and Notice To Proceed" by Dimeo Construction Company and continue for the amount of time required to complete the Project as defined in the Project Schedule provided by Dimeo Construction Company.

4.3 LIQUIDATED DAMAGES:

There is a provision for liquidated damages in the Contract Documents. The selected Subcontractors shall be liable unto the Construction Manager for any liquidated damages for which the Construction Manager is held responsible by

the Owner by reason of the failure of the Subcontractor to prosecute the Work diligently and properly.

4.3.1 Each Subcontractor shall be assessed \$2,000 per day (or any portion thereof) for each calendar day for which he is responsible (or partially responsible) *beyond* the Date established for Substantial Completion of the Contract according to-the Dimeo Construction Company Project Schedule.

4.4 SUBCONTRACTOR'S INSURANCE REQUIRED:

4.4.1 The University of Connecticut is implementing and Owner Controlled Insurance Program ("OCIP") for this project. In an OCIP, the owner purchases most of the insurance to cover the Workers Compensation losses, and General Liability losses (and possibly other coverage's for other rises) associated with construction of the project. This insurance covers the Owner, Contractor and Subcontractors of all tiers, but not vendors, materialmen or suppliers coming onto the construction site. The Purpose of OCIP is to enhance safety and reduce overall project insurance costs. Some of the benefits of the OCIP include ensuring the availability of dedicated limits for the project, a comprehensive and uniform safety program, elimination of duplicate insurance coverage, broader insurance coverage, optimum insurance rates, improved claim handling procedures, and allowing small and disadvantaged contractors to participate in the project. **SINCE THE OWNER IS PURCHASING THE INSURANCE COVERING CONTRACTORS AND SUBCONTRACTOR'S WORK PERFORMED AT OR FROM THE PROJECT WORK SITE, THE PROPOSER SHALL NOT INCLUDE THE COST OF THIS INSURANCE IN ITS PROPOSAL, AND THE PROPOSER IS REQUIRED IN THE PROPOSAL FORM TO INCLUDE A STATEMENT CERTIFYING THAT SUCH COSTS ARE NOT INCLUDED.**

4.4.2 In the event the Owner should elect to eliminate the OCIP program please provide your Add for insurance:

_____ \$ _____

4.5 Each Subcontractor not indicated as Set-Aside on the list of bid packages shall be required to award not less than 30% of the total Contract Sum to sub-subcontractors who are certified and eligible to participate under The State of Connecticut Set-Aside Program for small contractors, including 10% to certified and eligible Minority Business Enterprises, in accordance with Connecticut General Statutes Section 4a-60g.

4.5.1 This requirement is not applicable for subcontractors currently certified as SBE or MBE in the Small Business Set-Aside Program.

4.6 BIDDER'S UPDATED STATEMENT:

4.6.1 The Subcontractor Bidder's Updated Statement in section 00 40 15 must be submitted along with the bid proposal form. Failure to comply with any portion of this requirement may be cause to reject your bid.

4.7 NONDISCRIMINATION AND LABOR RECRUITMENT:

4.7.1 The Subcontract is subject to the provisions of Executive Order No. Three of Governor Thomas J. Meskill, promulgated June 16, 1971, concerning labor employment practices, Executive Order No. Seventeen of Governor Thomas J. Meskill, promulgated February 15, 1973, concerning the listing of employment openings and Executive Order No. Sixteen of Governor John G. Rowland promulgated August 4, 1999, concerning violence in the workplace, all of which are incorporated into and are made a part of the Subcontract as if they had been fully set forth in it. At the Subcontractor's request, the Client Agency shall provide a copy of these orders to the Subcontractor. The Subcontract may also be subject to Executive Order No. 7C of Governor M. Jodi Rell, promulgated July 13, 2006, concerning contracting reforms and Executive Order No. 14 of Governor M. Jodi Rell, promulgated April 17, 2006, concerning procurement of cleaning products and services, in accordance with their respective terms and conditions.

4.8 FEDERAL & STATE WAGE DETERMINATIONS:

4.8.1 The U. S. Secretary of Labor's latest decision and the State of Connecticut Wage Schedule are all incorporated in the documents. The higher rate (Federal or State) for any given occupation shall prevail. At the time of bidding, the bidder agrees to accept the current prevailing wage scale, as well as the annual adjustment to the prevailing wage scale, as provided by the Connecticut Department of Labor.

4.9 CERTIFICATION OF BIDDER REGARDING EQUAL EMPLOYMENT OPPORTUNITY & NON-SEGREGATED FACILITIES:

4.9.1 The Subcontractors are hereby advised that upon acceptance of their bids they are obligated to fill out within five (5) calendar days the certification required pursuant to Executive Order No. 11246, and agree to certify to the compliance of non-segregated facilities.

4.10 EQUALS AND SUBSTITUTION REQUESTS PROCEDURES:

4.10.1 In reference to Section 012500 – Substitution Procedures, each bidder may propose a material and/or equipment substitution to be evaluated by the Construction Manager, Architect/Engineer, Owner and Construction Administrator prior to the submission of the bid. The documentation required to initiate a substitution request will be required in strict adherence to specifications and bid documents and will be required to be submitted no later than the last day of RFI submission. Any substitution requests that do not conform to all requirements listed within Section 012500 will be considered incomplete and will not be reviewed.

5.0 ACCOMPANYING THIS PROPOSAL IS:

5.1 For bids with an estimated value of at least Fifty Thousand Dollars (\$50,000.00), a CERTIFIED CHECK, equal to 10% of the bid, drawn to the order of “Dimeo Construction Company”, in the which it is understood shall be cashed and the proceeds thereof used so far as may be necessary to reimburse the State of Connecticut and/or Dimeo Construction Company for losses and damages arising by virtue of my (our) failure to file the required Bonds and execute the required contract if this proposal is accepted by the Awarding Authority.

OR

5.2 For bids with an estimated value of at least Fifty Thousand Dollars (\$50,000.00), a BID BOND having as surety thereto a Surety Company or Companies authorized to transact business in the State of Connecticut and made out in the penal sum of 10% of the bid.

5.3 If the bidder is a small contractor or minority business enterprise pursuant to Connecticut General Statutes Section 4a-60g, it may provide in lieu of a bid bond, a letter of credit in an amount equal to Ten Percent (10%) of the bid if the estimated value is less than one hundred thousand dollars and in an amount equal to Twenty-Five Percent (25%) if the estimated value is one hundred thousand dollars or greater.

5.4 A DEPARTMENT OF ADMINISTRATIVE SERVICES (DAS) CONTRACTOR PRE-QUALIFICATION CERTIFICATE

The DAS Prequalification Certificate is required for Bid Packages estimated to exceed \$500,000.00 (C.G.S. 4b-91 as amended)

5.6 CHECKLIST OF INCLUDED ITEMS WITH BID PROPOSAL AT TIME OF BID PROPOSAL SUBMITTAL:

IMPORTANT:		
Item	All forms below must be included when you submit your bid.	Section
1	Bid Proposal Form	00 40 13
2	Appropriate Resolution or Certificate of Authority	00 40 14
3	Ethics Affidavit (Regarding State Ethics) (New July 1, 2005) (for Bid Packages Estimated to Exceed \$500,000.00)	00 40 14
4	Nondiscrimination Certification	00 40 14
5	Department of Administrative Services Pre-qualification Certificate (for Bid Packages Estimated to Exceed \$500,000.00)	00 40 15
6	Department of Administrative Services Update Statement	00 40 15
7	Standard Bid Bond or Certified Check (or Letter of Credit in accordance with Part 5.3 herein)	00 43 16

6.0 I (we), the undersigned, hereby declare that I am (we are) the only person(s) interested in the Bid Proposal and that it is made without any connection with any other person making any Bid Proposal for the same work. No person acting for, or employed by, the State of Connecticut or Dimeo Construction Company is directly or indirectly interested in this Bid Proposal, or in any Contract which may be made under it, or in expected profits to arise therefrom. This Bid Proposal is made without directly or indirectly influencing or attempting to influence any other person or

corporation to bid or refrain from bidding or to influence the amount of the Bid Proposal of any other person or corporation. This Bid Proposal is made in good faith without collusion or connection with any other person bidding for the same work and this proposal is made with distinct reference and relation to the plans and specifications prepared for this Subcontract. I (we) further declare that in regard to the conditions affecting the Work to be done and the labor and materials needed, this Bid Proposal is based solely on my (our) own investigation and research and not in reliance upon any representations of any employee, officer or agent of the State or Dimeo Construction Company.

7.1 The undersigned proposes to furnish all labor and materials required for

Project Number: _____

Project Title: _____

Bid Package Number _____

Bid Package Title _____

in accordance with the accompanying Plans and Specifications

Prepared by: _____
 Engineer/Architect

for the Contract Sum specified in Section 7.3 subject to additions and deductions according to the terms of the specifications.

7.2 This Bid Proposal includes _____ number of Addenda/Addendum.

7.2.1 The Subcontractor is to fill in item 7.2 above, acknowledging the number of Addenda that the Subcontractor is including in the Bid Proposal Form. Failure to acknowledge all addenda in the space provided in the Bid Proposal Form shall be cause for rejection of the bid.

7.3 **THE PROPOSED CONTRACT PRICE IS AS FOLLOWS:**

\$

--	--

 ,

--	--	--

 ,

--	--	--

 .

--	--

(Place figures in appropriate boxes.)

DOLLARS

(Written Amount)

7.3.1 In Accordance With Section 4.5 Not Less Than **30 %** Of This Total Must be Awarded to Certified Set-Aside Contractors, including **10%** Minority Business Enterprises. Failure to Meet This Requirement Will Be Cause To Reject Your Bid.

- 7.4 On and after October 1, 2007, no person whose sub-subcontract *exceeds* five hundred thousand dollars in value may perform work as a sub-subcontractor on a Bid Package estimated to cost more than five hundred thousand dollars, unless the person is prequalified in accordance with section 4a-100, as amended by Public Act 06-134.
- 7.5 There are no supplemental bids for this project.
- 7.6 The Subcontractor shall provide utilize the Prevailing Wage Rates as posted in the Contract Documents. All increases in the Prevailing Wage Rates must be included for the duration of the project. No additional compensation will be provided for Prevailing Wage Rate increases.
- 7.7 The undersigned agrees that if selected as the Subcontractor, I (we) shall, within five (5) calendar days (legal State holidays excluded) after notification thereof by Dimeo Construction, execute a Subcontract in accordance with the terms of this Bid Proposal Form and Construction Manager/Trade Contractor Agreement.
- 7.9 The undersigned agrees and warrants that they have made good faith efforts to employ minority business enterprises as Sub-subcontractors and suppliers of materials under such Subcontract and shall provide the Commission on Human Rights and Opportunities and Dimeo Construction Company with such information as is requested by the Commission or Dimeo Construction Company concerning their employment practices and procedures as they relate to the current provisions of the Connecticut General Statutes governing Contract requirements.
- 7.10 This project is a "Threshold Building" and subject to all Statutory provisions as stated threshold buildings.
- 7.11 Alternates: All the alternates listed herein need to be filled out by all applicable bid packages. Reference Specification section 012300 for additional information on the Alternates. In the event an alternate does not affect your bid package please write in "Not Applicable". No lines shall be left blank:

Alternate No. 1: Provide ceiling hung toilet partitions:

ADD/ DEDUCT _____

Alternate No. 2: Provide structural supports for ceiling mounted running rails for patient lifts, including engineering design:

ADD/ DEDUCT _____

Alternate No. 3: Provide hollow metal doors at Exam Rooms:

ADD/ DEDUCT _____

Alternate No. 3A: Provide 36-inch wide doors at Exam Rooms:

ADD/ DEDUCT _____

Alternate No. 3B: Provide partitions in lieu of sliding doors:

ADD/ DEDUCT _____

Alternate No. 4: Provide stainless steel countertops with integral sinks at all Soiled Utility Rooms in lieu of solid surface countertops with integral sinks as indicated:

ADD/ DEDUCT _____

- Alternate No. 5: In lieu of wood veneer as indicated for all wood paneling and column enclosures provide plastic laminate:
ADD/ _____ DEDUCT _____
- Alternate No. 5A: In lieu of wood veneer as indicated on the documents for all wood paneling and column enclosures, provide gypsum wallboard level 5 finish:
ADD/ _____ DEDUCT _____
- Alternate No. 6: Remove all wood frame and glazing at Retail Spaces on Level 1, All waiting rooms adjacent to Public Concourse at all levels, provide butt glazing in lieu of wood frame and glazing:
ADD/DEDUCT _____
- Alternate No. 7: Provide decorative window film in lieu of decorative glazing as indicated on the documents at glazing of Waiting Rooms adjacent to Public Concourse space at all levels:
ADD/ _____ DEDUCT _____
- Alternate No. 8: Omit Solid Polymer Glazing Panels and associated system and support, on level 6 in the Orthodontic Exam spaces as indicated.
ADD/ _____ DEDUCT _____
- Alternate No. 8A: Omit Solid Polymer Glazing Panels at all Clinical Exam areas as indicated on the documents. Alternate will provide half-height GWB partitions with clear glazing panels from top of low height partition to ceiling:
ADD/ _____ DEDUCT _____
- Alternate No. 9: Omit all "Armstrong Axiom" ceiling transition trim as indicated on the documents and provide a transition between two different ceiling heights. Provide all ceilings at a consistent and uniform level.
ADD/ _____ DEDUCT _____
- Alternate No. 10: Omit the custom vinyl wallcovering from the reception/intake/discharge desks located in all waiting rooms at all levels as indicated. Include painted finish:
ADD/ _____ DEDUCT _____
- Alternate No. 11: Omit the Sky Factory ceiling mounted skylight in rooms S1860 and S1865. Include ceiling material to match remainder of rooms:
ADD/ _____ DEDUCT _____
- Alternate No. 12: Provide porcelain floor tile and base on level 1 public concourse in lieu of Epoxy Terrazzo Floor and Base as indicated:
ADD/ _____ DEDUCT _____
- Alternate No. 13: Omit Cubicle Curtain Tracks:
ADD/ _____ DEDUCT _____
- Alternate No. 14: Omit Projection Screens:
ADD/ _____ DEDUCT _____
- Alternate No. 15: Provide folding partition in lieu of vertical drop partition at Conference Room S7103 and S1302:
S7103 _____ ADD/DEDUCT _____
S1302 _____ ADD/DEDUCT _____
- Alternate No. 16: Provide motorized window shades in lieu of manual shades on the south facing curtainwall at all levels:
ADD/ _____ DEDUCT _____
- Alternate No. 17: Quick-response recessed sprinklers shall be provided in light hazard/HC-1 occupancy areas with finished ceilings, similar to Reliable Model

FIFR, chrome plated 1/2" orifice, rate d at 155 degrees – Refer t o Spec Section 211010, item 2.04.K.

ADD/ _____ DEDUCT _____

Alternate No. 18: Provide ProPress fittings in lieu of fittings as shown and specified:

ADD/ _____ DEDUCT _____

Alternate No. `19: Provide PVC soil, waste and vent piping in lie u of No-hub cast iron pipe soil, waste and vent piping:

ADD/ _____ DEDUCT _____

Alternate No. 20: Reduce number of sinks in Level 6 Orthodontics. Where CONSO-2 is shown on the equipment plan, provide one sink in lieu of 2 as shown:

ADD/ _____ DEDUCT _____

Alternate No. 21: Provide battery power to all sensor operated plumbing fixtures in lieu of hardwired fixtures as indicated:

ADD/ _____ DEDUCT _____

Alternate No. 22: Provide Access Control Readers at all Waiting room entrances on all levels:

ADD/ _____ DEDUCT _____

Alternate No. 22A: Pr ovide Access Control Readers at all Janitor Closets, Equipm ent Storage Rooms and Storage Rooms:

ADD/ _____ DEDUCT _____

Alternate No. 23: All work associated with Revision #4 drawings issued in A ddendum #3 for the 8th floor IVF Clinical Suite. If this alterna te is not accepted the space shall be left untouched as Core and Shell space:

ADD _____

8.0 CONFIDENTIALITY OF DOCUMENTS

8.01 The undersigned agrees that if not selected as a Subcontractor for this project, all plans and specifications in their possession for the project shall be destroyed.

8.02 The undersigned agrees that if selected as a Subcontractor for this project:

8.02.1 The plans and specifications shall not be disseminated to anyone except for construction of this project.

8.02.2 The following provision shall be included in all of its contracts with sub-contractors and sub-consultants:

Any and all drawings, specifications, maps, reports, records or other documents associated with the subcontract shall only be utilized to the extent necessary for the performance of the work and duties under this subcontract. Said drawings, specifications, maps, reports, records and other documents may not be released to any other entity or person except for the sole purpose of the work described in this subcontract. No other disclosure shall be permitted without the prior written consent of Dimeo Construction Company. When any such drawings, specifications, maps,

reports, records or other documents are no longer needed, they shall be destroyed.”

8.02.3 Upon completion of the construction and the issuance of a certificate of occupancy, the plans and specifications shall be returned to Dimeo Construction Company, or destroyed, or retained in a secure location and not released to anyone without first obtaining the permission of Dimeo Construction Company.

9.0 A duly authorized representative of the Bidder or Bidder’s partnership, firm, corporation or business organization must sign all Bid Proposals Forms.

**(NO FACSIMILE SIGNATURE IS PERMITTED).
ALL INFORMATION BELOW IS TO BE FILLED IN BY THE BIDDER.**

Project Number _____

Firm Name _____
Complete BIDDER'S LEGAL COMPANY NAME

Subcontractor’s State of Connecticut, D.C.P. License/ Registration No. _____
(Applicable for Threshold Building projects only. Insert “N/A” if not applicable. Also refer to Item 7.10. This is applicable only for the following Bid Packages: 05B Miscellaneous Metals, 09A Drywall, 21A Fire Protection, 22A Plumbing, 23A HVAC, 26A Electrical)

Firm Federal Employer Identification Number _____

Firm CT Tax Registration Number _____

Firm Address _____
Street City State Zip Code

Telephone Number _____

FAX Number _____

E-mail Address _____

Type of Business (check one):

Corporate Seal, *if a Corporation*

- Corporation
 Limited Liability Corporation (LLC)
 Partnership



____ Sole Proprietor

____ Doing Business As (d/b/a), if yes,
provide complete name **below:**

Provide Exact Wording on Corporate Seal
below:

This Bid Submission is **only** for Subcontractors who are **Certified** in the **DAS Prequalification Classification** noted in the **Invitation to Bid**.

A Resolution/Certificate of Authority must be submitted with your Bid Proposal.

Signed this _____ day of _____ 20 _____

Bidder's Signature _____
Duly Authorized Title

Print Name Date

THE APPARENT TWO LOW BIDDERS WILL BE REQUIRED TO ATTEND SCOPE REVIEWS AS SCHEDULED BY DIMEO CONSTRUCTION.

SUBMITTALS **DUE** WITHIN 10 CALENDAR DAYS **AFTER** BID OPENING
(From the Apparent **Two** Low Bidders):

1. The names of all lower tier subcontractors whose contract values will exceed \$500,000.00, along with their Department of Administrative Services Pre-qualification Certificates
2. Section 00 73 27 Set-Aside Schedule
3. DAS Set-Aside Subcontractor Certificate of Eligibility (SBE's & MBE's)
4. Section 00 73 38 Set-Aside Plan
5. Section 00 73 44 Wage Certification to DOL and Dimeo Construction Company

SUBMITTALS **DUE** WITHIN 5 BUSINESS DAYS **AFTER** EXECUTION OF THE CONSTRUCTION MANAGER/TRADE CONTRACTOR AGREEMENT

1. Section 00 62 16 OCIP Enrollment Form

2. Section 00 92 10 Performance Bond
3. Section 00 92 10 Payment Bond
4. Section 00 92 10 Non-Residents Certificate – DRS – Guarantee Bond (form AU-766)
5. Section 00 40 14 Affidavit Regarding State Ethics – for each lower tier subcontractor whose contract value exceeds \$500,000.00
6. Certificate of Legal Existence from Corporations

END OF SECTION



September 19, 2013, Rev. 1

Exhibit A

Scope of Work/Contract Price Details

UCHC Interior Fit-Out

Dimeo Job No. 527-12

BID PACKAGE NO: 06B

BID PACKAGE TITLE: Final Cleaning

SET-ASIDE PACKAGE (Y/N): Y (If this package is identified as a Set-Aside Package, only subcontractors that are certified and eligible to participate in the Small Business Set-Aside Program may submit a bid)

A. OUTLINE SCOPE OF WORK:

1. Provide all labor, material, tools, appliances, equipment and supervision necessary to complete the Final Cleaning work for the referenced project as shown and detailed and as specified under the specification sections indicated below, coordinated with other sections as required, including all appurtenances, etc. as required to provide for complete work as intended by the documents. This work shall include, but is not intended to be limited by, the following.
 - a. All surfaces from ceiling to floor shall be cleaned.
 - b. All hoisting, rigging and means of access necessary to accomplish the work shall be by this Subcontractor. Means of access shall be approved by DCC in regards to safety and protection of surrounding finishes.
 - c. This subcontractor shall submit, for approval, a site specific safety plan which specifically speaks to hosting, rigging, means of access, cleaning of Electrical, Mechanical and Data spaces, cleaning of the roof, etc.
 - d. This Subcontractor shall maintain full-time supervision at the jobsite during any time in which his employees or sub-contractors are involved on this project.
 - e. Any existing work or work performed by others that is damaged by this Subcontractor or his employees or agents shall be the responsibility of this Subcontractor to replace at no additional cost to the Owner or Dimeo Construction.
 - f. This Subcontractor shall review the bid documents specifically the Room Finish Schedule as well as any related or referenced spec sections, any and all addenda to become familiar with the finishes specific to this project that will require final cleaning.



- g. This Subcontractor shall be responsible for using appropriate cleaning products as recommended by manufacturer/supplier for the various finish surfaces specific to this project, i.e. glass, mirrors, stainless steel, painted metal, galvanized steel, anodized aluminum, tile, granite, wood flooring, elevator finishes, doors, hardware, wood paneling, louvered wood panels and doors, window treatments, millwork, casework, cabinetry, counters, appliances, equipment, wall devices, etc.
- h. This Subcontractor shall clean all light fixtures and exit devices.
- i. Temporary protection of finishes will not be removed prior to final cleaning work and will be removed and discarded by this Subcontractor. This is typical for all protective coatings, plastics, kraft paper, ram board, stickers, glues, adhesives, temp. signage, etc.
- j. This Subcontractor shall be responsible for cleaning all Mechanical, Electrical, Data spaces, stair wells, etc which includes but is not limited to vacuuming and cleaning of equipment from top to bottom. Wiping down all exposed ductwork, piping, heaters, pumps, AHUs, ceiling, wall and floor grilles, floor troughs, etc. This subcontractor shall schedule and attend a pre-installation conference in regards to the cleaning of Mechanical, Data and Electrical spaces in regards to safety, lock out/tag out and manufacturer's cleaning recommendations and procedures.
- k. This subcontractor shall vacuum and clean all floor troughs, floor grilles, louvers, wall grilles and ceiling grilles, diffusers and registers.
- l. This Subcontractor shall vacuum all carpeted areas.
- m. This Subcontractor shall clean all concrete floors. Include wash down and shop vac to remove dust.
- n. This Subcontractor shall clean and polish all resilient flooring, stone and tile. At least (2) coats of polish and sealer will be required.
- o. This Subcontractor shall clean all plumbing fixtures including sinks, toilets, and water fountains.
- p. This Subcontractor shall be responsible for cleaning all millwork, casework, cabinetry, counters, shelving, wood panels, desks, leather desk tops, and louvered wood panels.
- q. This Subcontractor shall clean all lockers and mailboxes.
- r. This Subcontractor shall be responsible for cleaning all TV and Computer monitors and keyboards.
- s. This Subcontractor shall be responsible for cleaning all food service equipment, coffee kiosk casework, equipment and appliances.
- t. Rubbish and other trash shall be bagged and deposited in the dumpsters provided by Dimeo.
- u. ~~This Subcontractor's proposal shall include 800 cleaning man hours as 2nd shift and Saturday work at no extra cost.~~



- v. This Subcontractor shall include an allowance of \$30,000 within the base bid for additional work to be performed 2nd shift and Saturdays.
 - w. Include a second cleaning of interior floors, surfaces and low glass again after punch list is completed.
2. All equipment required for a complete installation.
 3. Warranties and guarantees as specified.
 4. Coordinate access to work areas with the Project Superintendent or Project Manager.
 5. Staging/scaffolding, lifts, ladders, hoisting, rigging, etc. required for the proper and safe completion of this scope of work.
 6. Coordinate material and equipment delivery with DCC's Project Manager or Project Superintendent.
 7. Permits and fees as required for this scope of work is included.
 8. All properly trained workers and all proper equipment necessary to complete the work of this agreement.
 9. All lay-out required to complete this work. Control lines and benchmarks will be provided by Dimeo.
 10. Safety requirements for this scope of work per Dimeo's site safety plan.
 11. All police details and traffic control required for this scope of work.
 12. Mockup sample(s) as required.
 13. This project is covered under an OCIP program. No on-site workers comp or general liability should be included in your base bid. Reference Exhibit I for additional information.

B. EXCLUSIONS:

1. Sales tax.
2. Cleaning of exterior building components.

C. ALTERNATES:

Reference Dimeo's Bid Proposal Form.

D. UNIT PRICES: NOT USED

E. WAGE RATES:

Wage rates must comply with Prevailing Wages posted in the bid documents.

F. OTHER REQUIREMENTS:

1. Retainage:
 - a. 10%.
 - b. An additional 2% retainage will be withheld pending the State Commission on Human Rights and Opportunities ("CHRO") approval of the Trade Contractor's/Subcontractor's Affirmative Action Plan.

2. Allowable mark-ups for Overhead and Profit on Changes in the Work:



- a. In accordance with Section 00 72 23 General Conditions of the Contract for Construction For Construction Manager At Risk (CMR), Article 13.
3. Taxes:
 - a. This project is tax exempt. A certificate of tax exemption will be provided. State sales and use taxes are excluded except for taxes on rentals, tools, and other incidentals as determined by the state Department of Revenue and for which the Trade Contractor is responsible.
 - b. Nonresident Contractors must comply with the provisions of Connecticut General Statutes Section 12-430(7). The term "nonresident contractor" as used in this section is defined as a contractor who does not maintain a "regular place of business" in Connecticut. A "regular place of business" is defined as any bone fide office, factory, warehouse or other space in Connecticut at which a contractor is doing business in its own name in a regular and systematic manner, and which place is continuously maintained, occupied, and used by the contractor in carrying on its business through its employees regularly in attendance. A temporary office at the site of construction or a place of business for a statutory agent for service of process is not considered a regular place of business. Bond and filing requirements and the relevant forms and instructions are located at the Connecticut Department of Revenue Services website: <http://www.ct.gov/drs/cwp/view.asp?a=1509&q=270990>.
 4. Liquidated Damages:
 - a. In accordance with Section 00 52 23 Standard Form of Agreement Between Owner and Construction Manager-At-Risk (CMR) For Guaranteed Maximum Price (GMP), Article 11.
Liquidated Damages in the amount of Two Thousand Dollars (\$2,000) per day for each calendar day beyond the established Substantial Completion Date.
 5. Miscellaneous:
 - a. "Owner" as used throughout this Contract Agreement shall refer to the State of Connecticut, acting through its Commissioner of the Department of Public Works.
 - b. The "Agreement" shall refer to an agreement dated March 8, 2013 between the Owner and Dimeo for Construction Manager at Risk services for the University of Connecticut Health Center Finance Corporation Ambulatory Care Center (ACC) Interior Fit-Out project.
 - c. The Subcontractor agrees to be bound to Dimeo by the terms of the hereinbefore described plans, specifications (including the General Conditions stated therein which apply to his trade) and addenda all addenda and to assume to Dimeo all the obligations and responsibilities that Dimeo by those documents assumes to the Owner, except to the extent that provisions contained therein are by their terms or by law applicable only to Dimeo.



- d. Dimeo agrees to be bound to the Subcontractor by the terms of the hereinbefore described documents and to assume to the Subcontractor all the obligations and responsibilities that the Owner by the terms of the hereinbefore described documents assumes to Dimeo, except to the extent that provisions contained therein are by their terms or by law applicable only to the Owner.
- e. Upon the agreed to notice from Dimeo, the Subcontractor agrees to begin, prosecute and complete the work described in this Contract Agreement in an orderly manner in accordance with completion schedules prescribed by Dimeo for each work item, based on consideration to the date or time specified by the owner for the completion of the entire work.
- f. Dimeo agrees that no claim for services rendered or materials furnished, by Dimeo to the Subcontractor shall be valid unless written notice thereof is given by Dimeo to the Subcontractor during the first forty (40) days following the calendar month in which the claim originated.
- g. Unless expressly provided for otherwise in the Contract Documents, each Subcontractor shall provide a Warranty on the Work for an 18-month period from the date of Substantial Completion. Each Subcontractor shall warrant that the equipment, materials and workmanship are of good quality and new, unless permitted elsewhere by the Contract Documents, and that the Work shall be free from defects not inherent in the quality required or permitted and that the Work conforms to the Contract Documents. The 18 month warranty includes insurance and bonds.
- h. In addition, the Subcontractor agrees to the provisions set forth below, which shall also be included in any sub-subcontract issued by the Subcontractor, with the applicability of terms to be adjusted accordingly. Any duplication of provisions already provided in this Contract Agreement shall be disregarded. In the event of a conflict between the following provisions and those contained in this Contract Agreement, the more stringent shall apply:
 - 1. All work is to be performed in accordance with the requirements of the Contract Documents for this Project.
 - 2. All subcontractors agree to waive all rights to subrogation against the Owner, Architect, Owner's agents, Dimeo, and other subcontractors for damages caused by fire or other perils covered by insurance obtained for or in place upon the Project.
 - 3. All subcontractors must carry and maintain insurance coverage in accordance with the Contract Documents and file certificates of such coverage with Dimeo.
 - 4. All subcontractors must submit certificates of waiver of claims for work completed by their respective subcontractors conditioned upon disbursement of the progress payment next due and owing.
 - 5. All subcontractors must pay any amounts due any of its Sub-subcontractors whether for labor performed or materials furnished within thirty (30) days after



- such subcontractor received payment from Dimeo which encompasses labor or materials furnished by such subcontractor.
6. The subcontractor or the subcontractor's subcontractor's mark-up on change orders to have committed maximum overhead and profit pursuant to General Conditions Article 7.2.
 7. Submission to Dimeo or the subcontractor as the case may be, of applications for payment on a form approved by the Owner together with clearly defined invoices and billings supporting all such applications under each subcontract to which the subcontractor is a party.
 8. Each subcontractor must furnish to Dimeo in a timely fashion all information necessary for the preparation and submission of the reports required herein.
 9. Each subcontractor continue to perform under its subcontract in the event Dimeo is terminated and the Owner, at its sole option takes as an assignment the subcontract and requests that the subcontractor continue such performance.
 10. Each subcontractor must satisfactorily remove or stockpile all debris created by its activity pursuant to the discretion of Dimeo.
 11. Each subcontract is assignable to the Owner.
 12. All performance and payment bonds issued by a subcontractor on the Project name the Owner and Dimeo as dual obligees.
 13. Each subcontractor must cooperate with the Owner and Dimeo and permit the Owner, Dimeo or a designated auditor or representative to review and audit the subcontractor's books and records in connection with any costs charged to the Project and included in the price of any change orders.
 14. Each subcontractor agrees to work overtime, add manpower, or do whatever is necessary to meet the milestone dates and/or Substantial Completion dates, if in the opinion of Dimeo any of the milestone dates and/or Substantial Completion dates are in jeopardy as a result of such subcontractor.
 15. Each subcontractor agrees that if in the opinion of Dimeo, the subcontractor fails to take sufficient action to preserve the milestone and/or Substantial Completion dates after two days written notice from Dimeo, Dimeo may take whatever action he deems necessary to meet the milestone and/or Substantial Completion dates and deduct all costs incurred as a result of such action from the relevant subcontract.
 16. Each subcontractor must include in its performance bonds, if required, the language set forth in Items (14) and (15) above.



September 19, 2013 Rev. 1

Exhibit A

Scope of Work/Contract Price Details

UHC Interior Fit-Out

Dimeo Job No. 527-12

BID PACKAGE NO: 09A

BID PACKAGE TITLE: Drywall & Rough Carpentry

SET-ASIDE PACKAGE (Y/N): N (If this package is identified as a Set-Aside Package, only subcontractors that are certified and eligible to participate in the Small Business Set-Aside Program may submit a bid)

A. OUTLINE SCOPE OF WORK:

1. Provide all labor, material, tools, appliances, equipment and supervision necessary to complete the work for the referenced project as shown and detailed and as specified under the specification sections indicated below, coordinated with other sections as required, including all appurtenances, etc. as required to provide for complete work as intended by the documents. This work shall include, but is not intended to be limited by, the following.
2. Furnish and install all work identified in the following Specification Sections, 100% complete:
 - a. Section 092116 Gypsum Board Assemblies
 - b. Section 092626 Decorative Resin Veneer Plaster
 - c. Section 134923 Magnetic Shielding and
3. Furnish and install work identified in the following Specification Sections, as identified below:
 - a. Section 061000 Rough Carpentry (As outlined below)
 - b. Section 078413 Penetration Firestopping, Parts 1.02A.2.
 - c. Section 134900 Radiation Protection, Parts 1.02.A.1, 3.a and f.
4. Receive, unload, distribute and install, all materials contained in the following Specification Sections, 100% complete, furnished by others:
 - a. Section 08 31 13 Access Doors and Frames
5. The following is meant to supplement the above:
 - a. Interior gypsum wall board and ceiling board with applied finishes.
 - i. Comply with partition types and details on A601 & A602.

- ii. Mineral wool insulation and firesafing at tops of all rated partitions.
 - iii. Metal plate secured to deck at rated walls parallel to deck.
 - iv. Sound batt insulation in all non-rated partitions.
 - v. Acoustical sealants as shown and specified.
 - vi. Gypsum wall board of various types (moisture and mold resistant board, flexible board, ceiling board, acoustical enhanced board, tile backing panels, abuse -resistant boards, lead lined, with related trim, vapor retardants, etc.)
 - vii. All joints and fastener locations to be properly taped, compounded and sanded ready to receive finishes.
 - viii. Include level 5 finishes as specified.
 - ix. Joint treatment materials.
 - x. Acoustic sheet caulking.
 - xi. All accessories required for complete installation.
- b. All box outs in GWB walls as shown and specified. Coordination with all drawings and specs is to be included.
 - c. All column enclosures as shown.
 - d. Include corner beads at GWB soffits as shown.
 - e. GWB on hat channels at glass railing locations. Reference details on A406.
 - f. Metal stud reinforcing at cubicle curtain tracks. Reference RCP plans and details.
 - g. Suspended ceiling systems for GWB ceilings. ACT suspension systems by others.
 - h. Include metal ceiling accessory transitions at locations where GWB suspended ceilings abut ACT ceilings.
 - i. Include 2x4 concealed wood support base for wood lockers. Reference spec section 105116 part 2.02.J. Blocking under metal lockers by others.
 - j. Include F.R.P backing for mirrors in bathrooms. Reference detail 10/A760. Include out of wall blocking to build out the custom mirror.
 - k. Furnish and install pass through in walls as shown in elevations. Reference typical details 2/A380.
 - l. Metal framing and bracing of various sizes, including light gauge framing and bracing, furring, stiffeners, etc., as noted on the drawings, for all gypsum wall board walls, ceiling, soffits, exterior soffits, fascias, parapets, columns, box outs, etc.
 - m. Horizontal shaft wall assembly as shown and specified. Reference details on A602.
 - n. Miscellaneous framing and connections, including stud kickers, web stiffeners, clip angles, spring hangers and neoprene, neoprene pads under metal track continuous angles, anchors, fasteners, Z furring, furring channels, stud girts, gusset plates, closure plates, deflection clips and related accessories such as control joints, corner beads, casing beads, reveal moldings, reveals, etc.
 - o. Include plywood and 2x4 framing at reception/intake panel elevations for LED coves and 2x4 walls. Reference details on A640.
 - p. Receive, unload, inventory, store, distribute and install one hundred (100) 12”x12” access panels furnished by others.
 - q. Provide freestanding movable solid plywood barricade in front of each elevator opening and at 1 window location at each floor. Remove as directed by Dimeo.



- r. Include pre-taping around all electrical devices to allow early installation of covers to comply with NFPA70E safety requirements.
6. Install door frames in all GWB walls furnished by others. Include re-leveling and coordination of all door frames prior to door and hardware installation. Coordinative with Door and Hardware installer.
7. Reference detail 1/A643. Include built up shoe, durarock and anchor bolts as required. Wood/glass wall and terrazzo by others.
8. All durarock substrate as shown and specified.
9. ~~Include Latierete epoxy grout and SST angles per concourse details. Reference A644.~~
10. Remove all trade debris to a Dimeo provided dumpster daily for this scope of work. GWB debris to be disposed in a separate dumpster, not disposed with other construction debris. The dumpster will be identified by Dimeo and will be an enclosed dumpster located. Provide enclosure for this dumpster to prevent rain from entering this dumpster.
11. In addition to any and all overtime required to maintain the project schedule, include an additional twelve (12) Saturdays with a crew of one general foreman, twelve carpenters, six tapers, four laborers, and equipment.
12. Include an allowance of \$20,000 for metal stud and interior GWB repairs, including material, due to damage by other trades. All work will be monitored with daily T&M slips signed by Dimeo's site superintendent.
13. Include a \$10,000 allowance for a taper, including material, to repair damage caused by other trades. All work will be monitored with daily T&M slips signed by Dimeo's site superintendent.
14. Provide one (1) freestanding fire extinguisher stand at each floor at each stair. Include a 20 lb. ABC extinguisher and air horn at each location, anchored to the stand. Stands to be painted fluorescent orange. Include recharging of twenty (20) extinguishers and replacement of ten (10) extinguishers.
15. Provide temporary corner guards on all corners in high traffic areas. Corner guards to consist of ½" homosote fastened to the drywall.
16. Include lead sheet, strip and plate as shown and specified in section 134900.
17. Provide all control joints within gypsum drywall assemblies.
18. All equipment required for a complete installation.
19. Warranties and guarantees as specified.
20. Coordinate access to work areas with the Project Superintendent or Project Manager.
21. Staging/scaffolding, lifts, ladders, hoisting, rigging, etc. required for the proper and safe completion of this scope of work.
22. Coordinate material and equipment delivery with DCC's Project Manager or Project Superintendent.
23. Permits and fees as required for this scope of work is included.
24. All properly trained workers and all proper equipment necessary to complete the work of this agreement.
25. All lay-out required to complete this work. Control lines and benchmarks will be provided by Dimeo.
26. Safety requirements for this scope of work per Dimeo's site safety plan.
27. All police details and traffic control required for this scope of work.
28. Mockup sample(s) as required.



29. This is an OCIP project. All on-site workers comp and general liability should not be included in your base bid. Reference Exhibit I for additional information.

B. EXCLUSIONS:

1. Sales tax.
2. FRP panels.
3. In-wall blocking unless noted otherwise.

C. ALTERNATES:

Reference Dimeo's Bid Proposal form.

D. UNIT PRICES:

NOT USED

E. WAGE RATES:

Wage rates must comply with the Prevailing Wage rates posted in the bid documents.

F. OTHER REQUIREMENTS:

1. Retainage:
 - a. 10%.
 - b. An additional 2% retainage will be withheld pending the State Commission on Human Rights and Opportunities ("CHRO") approval of the Trade Contractor's/Subcontractor's Affirmative Action Plan.
2. Allowable mark-ups for Overhead and Profit on Changes in the Work:
 - a. In accordance with Section 00 72 23 General Conditions of the Contract for Construction For Construction Manager At Risk (CMR), Article 13.
3. Taxes:
 - a. This project is tax exempt. A certificate of tax exemption will be provided. State sales and use taxes are excluded except for taxes on rentals, tools, and other incidentals as determined by the state Department of Revenue and for which the Trade Contractor is responsible.
 - b. Nonresident Contractors must comply with the provisions of Connecticut General Statutes Section 12-430(7). The term "nonresident contractor" as used in this section is defined as a contractor who does not maintain a "regular place of business" in Connecticut. A "regular place of business" is defined as any bone fide office, factory, warehouse or other space in Connecticut at which a contractor is doing business in its own name in a regular and systematic manner, and which place is continuously maintained, occupied, and used by the contractor in carrying on its business through its employees regularly in attendance. A temporary office at the site of construction or a place of business for a statutory agent for service of process is not considered a regular place of business. Bond and filing requirements and the relevant forms and instructions are located at the Connecticut Department of Revenue Services website: <http://www.ct.gov/drs/cwp/view.asp?a=1509&q=270990>.



4. Minority Business and Workforce Participation:
 - a. Not Less Than 30 % Of This Contract Amount Must be Awarded to Certified Set-Aside Contractors, including 10% Minority Business Enterprises

5. Liquidated Damages:
 - a. In accordance with Section 00 52 23 Standard Form of Agreement Between Owner and Construction Manager-At-Risk (CMR) For Guaranteed Maximum Price (GMP), Article 11.
Liquidated Damages in the amount of Two Thousand Dollars (\$2,000) per day for each calendar day beyond the established Substantial Completion Date.

6. Miscellaneous:
 - a. "Owner" as used throughout this Contract Agreement shall refer to the State of Connecticut, acting through its Commissioner of the Department of Public Works.

 - b. The "Agreement" shall refer to an agreement dated March 8, 2013 between the Owner and Dimeo for Construction Manager at Risk services for the University of Connecticut Health Center Finance Corporation Ambulatory Care Center (ACC) Interior Fit-Out project.

 - c. The Subcontractor agrees to be bound to Dimeo by the terms of the hereinbefore described plans, specifications (including the General Conditions stated therein which apply to his trade) and addenda all addenda and to assume to Dimeo all the obligations and responsibilities that Dimeo by those documents assumes to the Owner, except to the extent that provisions contained therein are by their terms or by law applicable only to Dimeo.

 - d. Dimeo agrees to be bound to the Subcontractor by the terms of the hereinbefore described documents and to assume to the Subcontractor all the obligations and responsibilities that the Owner by the terms of the hereinbefore described documents assumes to Dimeo, except to the extent that provisions contained therein are by their terms or by law applicable only to the Owner.

 - e. Upon the agreed to notice from Dimeo, the Subcontractor agrees to begin, prosecute and complete the work described in this Contract Agreement in an orderly manner in accordance with completion schedules prescribed by Dimeo for each work item, based on consideration to the date or time specified by the owner for the completion of the entire work.

 - f. Dimeo agrees that no claim for services rendered or materials furnished, by Dimeo to the Subcontractor shall be valid unless written notice thereof is given by Dimeo to the Subcontractor during the first forty (40) days following the calendar month in which the claim originated.



- g. Unless expressly provided for otherwise in the Contract Documents, each Subcontractor shall provide a Warranty on the Work for an 18-month period from the date of Substantial Completion. Each Subcontractor shall warrant that the equipment, materials and workmanship are of good quality and new, unless permitted elsewhere by the Contract Documents, and that the Work shall be free from defects not inherent in the quality required or permitted and that the Work conforms to the Contract Documents. The 18 month warranty includes insurance and bonds.
- h. In addition, the Subcontractor agrees to the provisions set forth below, which shall also be included in any sub-subcontract issued by the Subcontractor, with the applicability of terms to be adjusted accordingly. Any duplication of provisions already provided in this Contract Agreement shall be disregarded. In the event of a conflict between the following provisions and those contained in this Contract Agreement, the more stringent shall apply:
 - 1. All work is to be performed in accordance with the requirements of the Contract Documents for this Project.
 - 2. All subcontractors agree to waive all rights to subrogation against the Owner, Architect, Owner's agents, Dimeo, and other subcontractors for damages caused by fire or other perils covered by insurance obtained for or in place upon the Project.
 - 3. All subcontractors must carry and maintain insurance coverage in accordance with the Contract Documents and file certificates of such coverage with Dimeo.
 - 4. All subcontractors must submit certificates of waiver of claims for work completed by their respective subcontractors conditioned upon disbursement of the progress payment next due and owing.
 - 5. All subcontractors must pay any amounts due any of its Sub-subcontractors whether for labor performed or materials furnished within thirty (30) days after such subcontractor received payment from Dimeo which encompasses labor or materials furnished by such subcontractor.
 - 6. The subcontractor or the subcontractor's subcontractor's mark-up on change orders to have committed maximum overhead and profit pursuant to General Conditions Article 7.2.
 - 7. Submission to Dimeo or the subcontractor as the case may be, of applications for payment on a form approved by the Owner together with clearly defined invoices and billings supporting all such applications under each subcontract to which the subcontractor is a party.
 - 8. Each subcontractor must furnish to Dimeo in a timely fashion all information necessary for the preparation and submission of the reports required herein.
 - 9. Each subcontractor continue to perform under its subcontract in the event Dimeo is terminated and the Owner, at its sole option takes as an assignment the subcontract and requests that the subcontractor continue such performance.
 - 10. Each subcontractor must satisfactorily remove or stockpile all debris created by its activity pursuant to the discretion of Dimeo.
 - 11. Each subcontract is assignable to the Owner.



12. All performance and payment bonds issued by a subcontractor on the Project name the Owner and Dimeo as dual obligees.
13. Each subcontractor must cooperate with the Owner and Dimeo and permit the Owner, Dimeo or a designated auditor or representative to review and audit the subcontractor's books and records in connection with any costs charged to the Project and included in the price of any change orders.
14. Each subcontractor agrees to work overtime, add manpower, or do whatever is necessary to meet the milestone dates and/or Substantial Completion dates, if in the opinion of Dimeo any of the milestone dates and/or Substantial Completion dates are in jeopardy as a result of such subcontractor.
15. Each subcontractor agrees that if in the opinion of Dimeo, the subcontractor fails to take sufficient action to preserve the milestone and/or Substantial Completion dates after two days written notice from Dimeo, Dimeo may take whatever action he deems necessary to meet the milestone and/or Substantial Completion dates and deduct all costs incurred as a result of such action from the relevant subcontract.
16. Each subcontractor must include in its performance bonds, if required, the language set forth in Items (14) and (15) above.



September 19, 2013 Rev. 1

Exhibit A

Scope of Work/Contract Price Details

UCHC Interior Fit-Out

Dimeo Job No. 527-12

BID PACKAGE NO: 09F

BID PACKAGE TITLE: Tile

SET-ASIDE PACKAGE (Y/N): N (If this package is identified as a Set-Aside Package, only subcontractors that are certified and eligible to participate in the Small Business Set-Aside Program may submit a bid)

A. OUTLINE SCOPE OF WORK:

1. Provide all labor, material, tools, appliances, equipment and supervision necessary to complete the work for the referenced project as shown and detailed and as specified under the specification sections indicated below, coordinated with other sections as required, including all appurtenances, etc. as required to provide for complete work as intended by the documents. This work shall include, but is not intended to be limited by, the following.
2. Furnish and install all work identified in the following Specification Sections, 100% complete:
 - a. Section 093000 Tile
3. The following is meant to supplement the above:
 - a. Ceramic tile, including porcelain tile for both floors and walls as shown and specified.
 - b. Glass tile.
 - c. Stone thresholds installed as part of tile installation and elsewhere.
 - d. Stacked stone wall tile. **Include Laticrete epoxy grout and SST angles per concourse details. Reference A644.**
 - e. Acoustical underlayment.
 - f. Waterproof membrane for thin-set tile installation.
 - g. Include shower pans as shown and specified.
 - h. Crack isolation membrane.
 - i. Metal transition strips between tile and other floor finishes.
 - j. Metal edge protection at tile finishes.
 - k. Tile base as shown and specified.
 - l. Provide acceptance of substrates provided by others prior to start of installation of this scope of work.



- m. Furnish and install all stone thresholds. Tile bidders are responsible for floor transitions from tile to dissimilar materials.
 - n. All sealants as required for a complete installation of this scope of work.
 - o. All accessories as required for a complete installation.
 - p. Provide protection of installed floor tile materials with “Kraft” papers or equal beneath “Ram Board” or equal, with taped seams and perimeter. Remove as directed by Dimeo.
- 4. All equipment required for a complete installation.
 - 5. Warranties and guarantees as specified.
 - 6. Coordinate access to work areas with the Project Superintendent or Project Manager.
 - 7. Staging/scaffolding, lifts, ladders, hoisting, rigging, etc. required for the proper and safe completion of this scope of work.
 - 8. Coordinate material and equipment delivery with DCC’s Project Manager or Project Superintendent.
 - a. Permits and fees as required for this scope of work is included.
 - 9. All properly trained workers and all proper equipment necessary to complete the work of this agreement.
 - 10. All lay-out required to complete this work. Control lines and benchmarks will be provided by Dimeo.
 - 11. Safety requirements for this scope of work per Dimeo’s site safety plan.
 - 12. All police details and traffic control required for this scope of work.
 - 13. Mockup sample(s) as required.
 - 14. This is an OCIP project. All on-site workers comp and general liability should not be included in your base bid. Reference Exhibit I for additional information.

B. EXCLUSIONS:

- 1. Sales Tax.
- 2. Other flooring not specified in section 093000.

C. ALTERNATES:

Reference Dimeo’s Bid Proposal Form.

D. UNIT PRICES:

NOT USED

E. WAGE RATES:

Wage rates must comply with the Prevailing Wage rates posted in the bid documents.

F. OTHER REQUIREMENTS:

- 1. Retainage:
 - a. 10%.
 - b. An additional 2% retainage will be withheld pending the State Commission on Human Rights and Opportunities (“CHRO”) approval of the Trade Contractor’s/Subcontractor’s Affirmative Action Plan.
- 2. Allowable mark-ups for Overhead and Profit on Changes in the Work:



- a. In accordance with Section 00 72 23 General Conditions of the Contract for Construction For Construction Manager At Risk (CMR), Article 13.
3. Taxes:
 - a. This project is tax exempt. A certificate of tax exemption will be provided. State sales and use taxes are excluded except for taxes on rentals, tools, and other incidentals as determined by the state Department of Revenue and for which the Trade Contractor is responsible.
 - b. Nonresident Contractors must comply with the provisions of Connecticut General Statutes Section 12-430(7). The term "nonresident contractor" as used in this section is defined as a contractor who does not maintain a "regular place of business" in Connecticut. A "regular place of business" is defined as any bone fide office, factory, warehouse or other space in Connecticut at which a contractor is doing business in its own name in a regular and systematic manner, and which place is continuously maintained, occupied, and used by the contractor in carrying on its business through its employees regularly in attendance. A temporary office at the site of construction or a place of business for a statutory agent for service of process is not considered a regular place of business. Bond and filing requirements and the relevant forms and instructions are located at the Connecticut Department of Revenue Services website: <http://www.ct.gov/drs/cwp/view.asp?a=1509&q=270990>.
4. Minority Business and Workforce Participation:
 - a. Not Less Than 30 % Of This Contract Amount Must be Awarded to Certified Set-Aside Contractors, including 10% Minority Business Enterprises
5. Liquidated Damages:
 - a. In accordance with Section 00 52 23 Standard Form of Agreement Between Owner and Construction Manager-At-Risk (CMR) For Guaranteed Maximum Price (GMP), Article 11.
Liquidated Damages in the amount of Two Thousand Dollars (\$2,000) per day for each calendar day beyond the established Substantial Completion Date.
6. Miscellaneous:
 - a. "Owner" as used throughout this Contract Agreement shall refer to the State of Connecticut, acting through its Commissioner of the Department of Public Works.
 - b. The "Agreement" shall refer to an agreement dated March 8, 2013 between the Owner and Dimeo for Construction Manager at Risk services for the University of Connecticut Health Center Finance Corporation Ambulatory Care Center (ACC) Interior Fit-Out project.
 - c. The Subcontractor agrees to be bound to Dimeo by the terms of the hereinbefore described plans, specifications (including the General Conditions stated therein which apply to his trade) and addenda all addenda and to assume to Dimeo all the



obligations and responsibilities that Dimeo by those documents assumes to the Owner, except to the extent that provisions contained therein are by their terms or by law applicable only to Dimeo.

- d. Dimeo agrees to be bound to the Subcontractor by the terms of the hereinbefore described documents and to assume to the Subcontractor all the obligations and responsibilities that the Owner by the terms of the hereinbefore described documents assumes to Dimeo, except to the extent that provisions contained therein are by their terms or by law applicable only to the Owner.
- e. Upon the agreed to notice from Dimeo, the Subcontractor agrees to begin, prosecute and complete the work described in this Contract Agreement in an orderly manner in accordance with completion schedules prescribed by Dimeo for each work item, based on consideration to the date or time specified by the owner for the completion of the entire work.
- f. Dimeo agrees that no claim for services rendered or materials furnished, by Dimeo to the Subcontractor shall be valid unless written notice thereof is given by Dimeo to the Subcontractor during the first forty (40) days following the calendar month in which the claim originated.
- g. Unless expressly provided for otherwise in the Contract Documents, each Subcontractor shall provide a Warranty on the Work for an 18-month period from the date of Substantial Completion. Each Subcontractor shall warrant that the equipment, materials and workmanship are of good quality and new, unless permitted elsewhere by the Contract Documents, and that the Work shall be free from defects not inherent in the quality required or permitted and that the Work conforms to the Contract Documents. The 18 month warranty includes insurance and bonds.
- h. In addition, the Subcontractor agrees to the provisions set forth below, which shall also be included in any sub-subcontract issued by the Subcontractor, with the applicability of terms to be adjusted accordingly. Any duplication of provisions already provided in this Contract Agreement shall be disregarded. In the event of a conflict between the following provisions and those contained in this Contract Agreement, the more stringent shall apply:
 - 1. All work is to be performed in accordance with the requirements of the Contract Documents for this Project.
 - 2. All subcontractors agree to waive all rights to subrogation against the Owner, Architect, Owner's agents, Dimeo, and other subcontractors for damages caused by fire or other perils covered by insurance obtained for or in place upon the Project.
 - 3. All subcontractors must carry and maintain insurance coverage in accordance with the Contract Documents and file certificates of such coverage with Dimeo.



4. All subcontractors must submit certificates of waiver of claims for work completed by their respective subcontractors conditioned upon disbursement of the progress payment next due and owing.
5. All subcontractors must pay any amounts due any of its Sub-subcontractors whether for labor performed or materials furnished within thirty (30) days after such subcontractor received payment from Dimeo which encompasses labor or materials furnished by such subcontractor.
6. The subcontractor or the subcontractor's subcontractor's mark-up on change orders to have committed maximum overhead and profit pursuant to General Conditions Article 7.2.
7. Submission to Dimeo or the subcontractor as the case may be, of applications for payment on a form approved by the Owner together with clearly defined invoices and billings supporting all such applications under each subcontract to which the subcontractor is a party.
8. Each subcontractor must furnish to Dimeo in a timely fashion all information necessary for the preparation and submission of the reports required herein.
9. Each subcontractor continue to perform under its subcontract in the event Dimeo is terminated and the Owner, at its sole option takes as an assignment the subcontract and requests that the subcontractor continue such performance.
10. Each subcontractor must satisfactorily remove or stockpile all debris created by its activity pursuant to the discretion of Dimeo.
11. Each subcontract is assignable to the Owner.
12. All performance and payment bonds issued by a subcontractor on the Project name the Owner and Dimeo as dual obligees.
13. Each subcontractor must cooperate with the Owner and Dimeo and permit the Owner, Dimeo or a designated auditor or representative to review and audit the subcontractor's books and records in connection with any costs charged to the Project and included in the price of any change orders.
14. Each subcontractor agrees to work overtime, add manpower, or do whatever is necessary to meet the milestone dates and/or Substantial Completion dates, if in the opinion of Dimeo any of the milestone dates and/or Substantial Completion dates are in jeopardy as a result of such subcontractor.
15. Each subcontractor agrees that if in the opinion of Dimeo, the subcontractor fails to take sufficient action to preserve the milestone and/or Substantial Completion dates after two days written notice from Dimeo, Dimeo may take whatever action he deems necessary to meet the milestone and/or Substantial Completion dates and deduct all costs incurred as a result of such action from the relevant subcontract.
16. Each subcontractor must include in its performance bonds, if required, the language set forth in Items (14) and (15) above.



September 19, 2013 Rev. 1

Exhibit A

Scope of Work/Contract Price Details

UHC Interior Fit-Out

Dimeo Job No. 527-12

BID PACKAGE NO: 09H

BID PACKAGE TITLE: Painting & Wall Covering (1)

SET-ASIDE PACKAGE (Y/N): Y (If this package is identified as a Set-Aside Package, only subcontractors that are certified and eligible to participate in the Small Business Set-Aside Program may submit a bid)

A. OUTLINE SCOPE OF WORK:

1. Provide all labor, material, tools, appliances, equipment and supervision necessary to complete the Painting and Wall Covering work for the referenced project as shown and detailed and as specified under the specification sections indicated below, coordinated with other sections as required, including all appurtenances, etc. as required to provide for complete work as intended by the documents. This work shall include, but is not intended to be limited by, the following.
2. Furnish and install all work identified in the following Specification Sections, 100% complete:
 - a. Section 097200 Vinyl Wall Covering
 - b. Section 099100 Painting
3. The following is meant to supplement the above:
 - a. **This bid package is for Painting and wall coverings on Floors 1 thru 4 ONLY.**
 - b. Vinyl wall covering as shown and specified.
 - i. Include all accessories, adhesives, primers, wall liners, seam tape, etc as required for complete installation.
 - c. Painting of all items shown and specified to be painted including but not limited to:
 - i. All interior walls, ceilings, soffits, fascias and reveals.
 - ii. Mechanical items listed to be painted.
 - iii. Electrical items listed to be painted.
 - iv. Include all accessories required for a complete installation.
 - v. Comply with painting schedules listed in 099100.
 - vi. Concrete.
 - d. Extra materials as specified are included.



4. Include an allowance of \$20,000 for touch-up painting, including material, to repair damage caused by other trades. All work performed under this allowance will be tracked with Daily T&M slips signed by Dimeo's site superintendent.
5. Protect adjacent areas.
6. Prepare and paint glazing pockets within hollow metal doors and frames prior to installation of glass.
7. Fill any nail or screw holes in painted standing and running trim.
8. Dimeo will provide OSHA minimum lighting. The Painting Trade Contractor must include any supplemental lighting required to complete the work of this Bid Package.
9. Include pre-painting around all electrical devices to allow early installation of covers to comply with NFPA70E safety requirements.
10. Include returning for primer touch-up after the Drywall Trade Contractor has touched-up any area of deficient taping.
11. Provide a storage cabinet for any flammable products.
12. Regarding any spray applied products, the area being sprayed must be completely segregated and ventilated by the Painting Trade Contractor. This work can be completed on off-hours but the area must still be segregated and ventilated.
13. All equipment required for a complete installation.
14. Warranties and guarantees as specified.
15. Coordinate access to work areas with the Project Superintendent or Project Manager.
16. Staging/scaffolding, lifts, ladders, hoisting, rigging, etc. required for the proper and safe completion of this scope of work.
17. Coordinate material and equipment delivery with DCC's Project Manager or Project Superintendent.
18. Permits and fees as required for this scope of work is included.
19. All properly trained workers and all proper equipment necessary to complete the work of this agreement.
20. All lay-out required to complete this work. Control lines and benchmarks will be provided by Dimeo.
21. Safety requirements for this scope of work per Dimeo's site safety plan.
22. All police details and traffic control required for this scope of work.
23. Mockup sample(s) as required.
24. This is an OCIP project. All on-site workers comp and general liability should not be included in your base bid. Reference Exhibit I for additional information.

B. EXCLUSIONS:

1. Sales Tax.

C. ALTERNATES:

Reference Dimeo's Bid Proposal Form for Alternate Pricing.

D. UNIT PRICES:

NOT USED

E. WAGE RATES:

Wage rates must comply with the Prevailing Wage rates posted in the bid documents.



F. OTHER REQUIREMENTS:

1. Retainage:
 - a. 10%.
 - b. An additional 2% retainage will be withheld pending the State Commission on Human Rights and Opportunities (“CHRO”) approval of the Trade Contractor’s/Subcontractor’s Affirmative Action Plan.

2. Allowable mark-ups for Overhead and Profit on Changes in the Work:
 - a. In accordance with Section 00 72 23 General Conditions of the Contract for Construction For Construction Manager At Risk (CMR), Article 13.

3. Taxes:
 - a. This project is tax exempt. A certificate of tax exemption will be provided. State sales and use taxes are excluded except for taxes on rentals, tools, and other incidentals as determined by the state Department of Revenue and for which the Trade Contractor is responsible.
 - b. Nonresident Contractors must comply with the provisions of Connecticut General Statutes Section 12-430(7). The term "nonresident contractor" as used in this section is defined as a contractor who does not maintain a “regular place of business” in Connecticut. A “regular place of business” is defined as any bone fide office, factory, warehouse or other space in Connecticut at which a contractor is doing business in its own name in a regular and systematic manner, and which place is continuously maintained, occupied, and used by the contractor in carrying on its business through its employees regularly in attendance. A temporary office at the site of construction or a place of business for a statutory agent for service of process is not considered a regular place of business. Bond and filing requirements and the relevant forms and instructions are located at the Connecticut Department of Revenue Services website: <http://www.ct.gov/drs/cwp/view.asp?a=1509&q=270990>.

4. Minority Business and Workforce Participation:
 - a. Not Less Than 30 % Of This Contract Amount Must be Awarded to Certified Set-Aside Contractors, including 10% Minority Business Enterprises

5. Liquidated Damages:
 - a. In accordance with Section 00 52 23 Standard Form of Agreement Between Owner and Construction Manager-At-Risk (CMR) For Guaranteed Maximum Price (GMP), Article 11.
Liquidated Damages in the amount of Two Thousand Dollars (\$2,000) per day for each calendar day beyond the established Substantial Completion Date.

6. Miscellaneous:
 - a. "Owner" as used throughout this Contract Agreement shall refer to the State of Connecticut, acting through its Commissioner of the Department of Public Works.



- b. The "Agreement" shall refer to an agreement dated March 8, 2013 between the Owner and Dimeo for Construction Manager at Risk services for the University of Connecticut Health Center Finance Corporation Ambulatory Care Center (ACC) Interior Fit-Out project.
- c. The Subcontractor agrees to be bound to Dimeo by the terms of the hereinbefore described plans, specifications (including the General Conditions stated therein which apply to his trade) and addenda all addenda and to assume to Dimeo all the obligations and responsibilities that Dimeo by those documents assumes to the Owner, except to the extent that provisions contained therein are by their terms or by law applicable only to Dimeo.
- d. Dimeo agrees to be bound to the Subcontractor by the terms of the hereinbefore described documents and to assume to the Subcontractor all the obligations and responsibilities that the Owner by the terms of the hereinbefore described documents assumes to Dimeo, except to the extent that provisions contained therein are by their terms or by law applicable only to the Owner.
- e. Upon the agreed to notice from Dimeo, the Subcontractor agrees to begin, prosecute and complete the work described in this Contract Agreement in an orderly manner in accordance with completion schedules prescribed by Dimeo for each work item, based on consideration to the date or time specified by the owner for the completion of the entire work.
- f. Dimeo agrees that no claim for services rendered or materials furnished, by Dimeo to the Subcontractor shall be valid unless written notice thereof is given by Dimeo to the Subcontractor during the first forty (40) days following the calendar month in which the claim originated.
- g. Unless expressly provided for otherwise in the Contract Documents, each Subcontractor shall provide a Warranty on the Work for an 18-month period from the date of Substantial Completion. Each Subcontractor shall warrant that the equipment, materials and workmanship are of good quality and new, unless permitted elsewhere by the Contract Documents, and that the Work shall be free from defects not inherent in the quality required or permitted and that the Work conforms to the Contract Documents. The 18 month warranty includes insurance and bonds.
- h. In addition, the Subcontractor agrees to the provisions set forth below, which shall also be included in any sub-subcontract issued by the Subcontractor, with the applicability of terms to be adjusted accordingly. Any duplication of provisions already provided in this Contract Agreement shall be disregarded. In the event of a conflict between the following provisions and those contained in this Contract Agreement, the more stringent shall apply:



1. All work is to be performed in accordance with the requirements of the Contract Documents for this Project.
2. All subcontractors agree to waive all rights to subrogation against the Owner, Architect, Owner's agents, Dimeo, and other subcontractors for damages caused by fire or other perils covered by insurance obtained for or in place upon the Project.
3. All subcontractors must carry and maintain insurance coverage in accordance with the Contract Documents and file certificates of such coverage with Dimeo.
4. All subcontractors must submit certificates of waiver of claims for work completed by their respective subcontractors conditioned upon disbursement of the progress payment next due and owing.
5. All subcontractors must pay any amounts due any of its Sub-subcontractors whether for labor performed or materials furnished within thirty (30) days after such subcontractor received payment from Dimeo which encompasses labor or materials furnished by such subcontractor.
6. The subcontractor or the subcontractor's subcontractor's mark-up on change orders to have committed maximum overhead and profit pursuant to General Conditions Article 7.2.
7. Submission to Dimeo or the subcontractor as the case may be, of applications for payment on a form approved by the Owner together with clearly defined invoices and billings supporting all such applications under each subcontract to which the subcontractor is a party.
8. Each subcontractor must furnish to Dimeo in a timely fashion all information necessary for the preparation and submission of the reports required herein.
9. Each subcontractor continue to perform under its subcontract in the event Dimeo is terminated and the Owner, at its sole option takes as an assignment the subcontract and requests that the subcontractor continue such performance.
10. Each subcontractor must satisfactorily remove or stockpile all debris created by its activity pursuant to the discretion of Dimeo.
11. Each subcontract is assignable to the Owner.
12. All performance and payment bonds issued by a subcontractor on the Project name the Owner and Dimeo as dual obligees.
13. Each subcontractor must cooperate with the Owner and Dimeo and permit the Owner, Dimeo or a designated auditor or representative to review and audit the subcontractor's books and records in connection with any costs charged to the Project and included in the price of any change orders.
14. Each subcontractor agrees to work overtime, add manpower, or do whatever is necessary to meet the milestone dates and/or Substantial Completion dates, if in the opinion of Dimeo any of the milestone dates and/or Substantial Completion dates are in jeopardy as a result of such subcontractor.
15. Each subcontractor agrees that if in the opinion of Dimeo, the subcontractor fails to take sufficient action to preserve the milestone and/or Substantial Completion dates after two days written notice from Dimeo, Dimeo may take whatever action he deems necessary to meet the milestone and/or Substantial Completion dates



and deduct all costs incurred as a result of such action from the relevant subcontract.

16. Each subcontractor must include in its performance bonds, if required, the language set forth in Items (14) and (15) above.



September 19, 2013 Rev. 1

Exhibit A

Scope of Work/Contract Price Details

UCHC Interior Fit-Out

Dimeo Job No. 527-12

BID PACKAGE NO: 09I

BID PACKAGE TITLE: Painting & Wall Covering

SET-ASIDE PACKAGE (Y/N): Y (If this package is identified as a Set-Aside Package, only subcontractors that are certified and eligible to participate in the Small Business Set-Aside Program may submit a bid)

A. OUTLINE SCOPE OF WORK:

1. Provide all labor, material, tools, appliances, equipment and supervision necessary to complete the Painting and Wall Covering work for the referenced project as shown and detailed and as specified under the specification sections indicated below, coordinated with other sections as required, including all appurtenances, etc. as required to provide for complete work as intended by the documents. This work shall include, but is not intended to be limited by, the following.
2. Furnish and install all work identified in the following Specification Sections, 100% complete:
 - a. Section 097200 Vinyl Wall Covering
 - b. Section 099100 Painting
3. The following is meant to supplement the above:
 - a. **This bid package is for Painting and wall coverings on Floors 5 thru 8 ONLY.**
 - b. Vinyl wall covering as shown and specified.
 - i. Include all accessories, adhesives, primers, wall liners, seam tape, etc as required for complete installation.
 - c. Painting of all items shown and specified to be painted including but not limited to:
 - i. All interior walls, ceilings, soffits, fascias and reveals.
 - ii. Mechanical items listed to be painted.
 - iii. Electrical items listed to be painted.
 - iv. Include all accessories required for a complete installation.
 - v. Comply with painting schedules listed in 099100.
 - vi. Concrete.
 - d. Extra materials as specified are included.



4. Include an allowance of \$20,000 for touch-up painting, including material, to repair damage caused by other trades. All work performed under this allowance will be tracked with Daily T&M slips signed by Dimeo's site superintendent.
5. Protect adjacent areas.
6. Prepare and paint glazing pockets within hollow metal doors and frames prior to installation of glass.
7. Fill any nail or screw holes in painted standing and running trim.
8. Dimeo will provide OSHA minimum lighting. The Painting Trade Contractor must include any supplemental lighting required to complete the work of this Bid Package.
9. Include pre-painting around all electrical devices to allow early installation of covers to comply with NFPA70E safety requirements.
10. Include returning for primer touch-up after the Drywall Trade Contractor has touched-up any area of deficient taping.
11. Provide a storage cabinet for any flammable products.
12. Regarding any spray applied products, the area being sprayed must be completely segregated and ventilated by the Painting Trade Contractor. This work can be completed on off-hours but the area must still be segregated and ventilated.
13. All equipment required for a complete installation.
14. Warranties and guarantees as specified.
15. Coordinate access to work areas with the Project Superintendent or Project Manager.
16. Staging/scaffolding, lifts, ladders, hoisting, rigging, etc. required for the proper and safe completion of this scope of work.
17. Coordinate material and equipment delivery with DCC's Project Manager or Project Superintendent.
18. Permits and fees as required for this scope of work is included.
19. All properly trained workers and all proper equipment necessary to complete the work of this agreement.
20. All lay-out required to complete this work. Control lines and benchmarks will be provided by Dimeo.
21. Safety requirements for this scope of work per Dimeo's site safety plan.
22. All police details and traffic control required for this scope of work.
23. Mockup sample(s) as required.
24. This is an OCIP project. All on-site workers comp and general liability should not be included in your base bid. Reference Exhibit I for additional information.

B. EXCLUSIONS:

1. Sales Tax.

C. ALTERNATES:

Reference Dimeo's Bid Proposal Form for Alternate Pricing.

D. UNIT PRICES:

NOT USED

E. WAGE RATES:

Wage rates must comply with the Prevailing Wage rates posted in the bid documents.



F. OTHER REQUIREMENTS:

1. Retainage:
 - a. 10%.
 - b. An additional 2% retainage will be withheld pending the State Commission on Human Rights and Opportunities (“CHRO”) approval of the Trade Contractor’s/Subcontractor’s Affirmative Action Plan.

2. Allowable mark-ups for Overhead and Profit on Changes in the Work:
 - a. In accordance with Section 00 72 23 General Conditions of the Contract for Construction For Construction Manager At Risk (CMR), Article 13.

3. Taxes:
 - a. This project is tax exempt. A certificate of tax exemption will be provided. State sales and use taxes are excluded except for taxes on rentals, tools, and other incidentals as determined by the state Department of Revenue and for which the Trade Contractor is responsible.
 - b. Nonresident Contractors must comply with the provisions of Connecticut General Statutes Section 12-430(7). The term "nonresident contractor" as used in this section is defined as a contractor who does not maintain a “regular place of business” in Connecticut. A “regular place of business” is defined as any bone fide office, factory, warehouse or other space in Connecticut at which a contractor is doing business in its own name in a regular and systematic manner, and which place is continuously maintained, occupied, and used by the contractor in carrying on its business through its employees regularly in attendance. A temporary office at the site of construction or a place of business for a statutory agent for service of process is not considered a regular place of business. Bond and filing requirements and the relevant forms and instructions are located at the Connecticut Department of Revenue Services website: <http://www.ct.gov/drs/cwp/view.asp?a=1509&q=270990>.

4. Minority Business and Workforce Participation:
 - a. Not Less Than 30 % Of This Contract Amount Must be Awarded to Certified Set-Aside Contractors, including 10% Minority Business Enterprises

5. Liquidated Damages:
 - a. In accordance with Section 00 52 23 Standard Form of Agreement Between Owner and Construction Manager-At-Risk (CMR) For Guaranteed Maximum Price (GMP), Article 11.
Liquidated Damages in the amount of Two Thousand Dollars (\$2,000) per day for each calendar day beyond the established Substantial Completion Date.

6. Miscellaneous:
 - a. "Owner" as used throughout this Contract Agreement shall refer to the State of Connecticut, acting through its Commissioner of the Department of Public Works.



- b. The "Agreement" shall refer to an agreement dated March 8, 2013 between the Owner and Dimeo for Construction Manager at Risk services for the University of Connecticut Health Center Finance Corporation Ambulatory Care Center (ACC) Interior Fit-Out project.
- c. The Subcontractor agrees to be bound to Dimeo by the terms of the hereinbefore described plans, specifications (including the General Conditions stated therein which apply to his trade) and addenda all addenda and to assume to Dimeo all the obligations and responsibilities that Dimeo by those documents assumes to the Owner, except to the extent that provisions contained therein are by their terms or by law applicable only to Dimeo.
- d. Dimeo agrees to be bound to the Subcontractor by the terms of the hereinbefore described documents and to assume to the Subcontractor all the obligations and responsibilities that the Owner by the terms of the hereinbefore described documents assumes to Dimeo, except to the extent that provisions contained therein are by their terms or by law applicable only to the Owner.
- e. Upon the agreed to notice from Dimeo, the Subcontractor agrees to begin, prosecute and complete the work described in this Contract Agreement in an orderly manner in accordance with completion schedules prescribed by Dimeo for each work item, based on consideration to the date or time specified by the owner for the completion of the entire work.
- f. Dimeo agrees that no claim for services rendered or materials furnished, by Dimeo to the Subcontractor shall be valid unless written notice thereof is given by Dimeo to the Subcontractor during the first forty (40) days following the calendar month in which the claim originated.
- g. Unless expressly provided for otherwise in the Contract Documents, each Subcontractor shall provide a Warranty on the Work for an 18-month period from the date of Substantial Completion. Each Subcontractor shall warrant that the equipment, materials and workmanship are of good quality and new, unless permitted elsewhere by the Contract Documents, and that the Work shall be free from defects not inherent in the quality required or permitted and that the Work conforms to the Contract Documents. The 18 month warranty includes insurance and bonds.
- h. In addition, the Subcontractor agrees to the provisions set forth below, which shall also be included in any sub-subcontract issued by the Subcontractor, with the applicability of terms to be adjusted accordingly. Any duplication of provisions already provided in this Contract Agreement shall be disregarded. In the event of a conflict between the following provisions and those contained in this Contract Agreement, the more stringent shall apply:



1. All work is to be performed in accordance with the requirements of the Contract Documents for this Project.
2. All subcontractors agree to waive all rights to subrogation against the Owner, Architect, Owner's agents, Dimeo, and other subcontractors for damages caused by fire or other perils covered by insurance obtained for or in place upon the Project.
3. All subcontractors must carry and maintain insurance coverage in accordance with the Contract Documents and file certificates of such coverage with Dimeo.
4. All subcontractors must submit certificates of waiver of claims for work completed by their respective subcontractors conditioned upon disbursement of the progress payment next due and owing.
5. All subcontractors must pay any amounts due any of its Sub-subcontractors whether for labor performed or materials furnished within thirty (30) days after such subcontractor received payment from Dimeo which encompasses labor or materials furnished by such subcontractor.
6. The subcontractor or the subcontractor's subcontractor's mark-up on change orders to have committed maximum overhead and profit pursuant to General Conditions Article 7.2.
7. Submission to Dimeo or the subcontractor as the case may be, of applications for payment on a form approved by the Owner together with clearly defined invoices and billings supporting all such applications under each subcontract to which the subcontractor is a party.
8. Each subcontractor must furnish to Dimeo in a timely fashion all information necessary for the preparation and submission of the reports required herein.
9. Each subcontractor continue to perform under its subcontract in the event Dimeo is terminated and the Owner, at its sole option takes as an assignment the subcontract and requests that the subcontractor continue such performance.
10. Each subcontractor must satisfactorily remove or stockpile all debris created by its activity pursuant to the discretion of Dimeo.
11. Each subcontract is assignable to the Owner.
12. All performance and payment bonds issued by a subcontractor on the Project name the Owner and Dimeo as dual obligees.
13. Each subcontractor must cooperate with the Owner and Dimeo and permit the Owner, Dimeo or a designated auditor or representative to review and audit the subcontractor's books and records in connection with any costs charged to the Project and included in the price of any change orders.
14. Each subcontractor agrees to work overtime, add manpower, or do whatever is necessary to meet the milestone dates and/or Substantial Completion dates, if in the opinion of Dimeo any of the milestone dates and/or Substantial Completion dates are in jeopardy as a result of such subcontractor.
15. Each subcontractor agrees that if in the opinion of Dimeo, the subcontractor fails to take sufficient action to preserve the milestone and/or Substantial Completion dates after two days written notice from Dimeo, Dimeo may take whatever action he deems necessary to meet the milestone and/or Substantial Completion dates



and deduct all costs incurred as a result of such action from the relevant subcontract.

16. Each subcontractor must include in its performance bonds, if required, the language set forth in Items (14) and (15) above.



September 19, 2013 Rev. 1

Exhibit A

Scope of Work/Contract Price Details

UCHC Interior Fit-Out

Dimeo Job No. 527-12

BID PACKAGE NO: 10E

BID PACKAGE TITLE: Signage

SET-ASIDE PACKAGE (Y/N): N (If this package is identified as a Set-Aside Package, only subcontractors that are certified and eligible to participate in the Small Business Set-Aside Program may submit a bid)

A. OUTLINE SCOPE OF WORK:

1. Provide all labor, material, tools, appliances, equipment and supervision necessary to complete the Signage work for the referenced project as shown and detailed and as specified under the specification sections indicated below, coordinated with other sections as required, including all appurtenances, etc. as required to provide for complete work as intended by the documents. This work shall include, but is not intended to be limited by, the following.
2. Furnish and install all work identified in the following Specification Sections, 100% complete:
 - a. Section 101400 Signage
 - b. Section 121113 Graphic Panels
3. The following is meant to supplement the above:
 - a. **Include an allowance of \$25,000 in your base bid for the following signage items listed below:**
 - i. Cast metal plaques.**
 - ii. Graphic Panels.**
 - iii. Radiation informational signs. (per spec 134900)**
 - b. Furnish and install all the signage as shown and specified including but not limited to:
 - i. Destination signage.
 - ii. Wayfinding signage.
 - iii. Messaging signage.
 - iv. Recognition signage.
 - v. Panel signs.
 - vi. Cast metal plaques.
 - vii. Signage accessories.
 - viii. All accessories to provide a complete installation.



- ix. Reference EG series drawings.
- c. Furnish and install the graphic panels as shown and specified. Include all accessories required for a complete installation.
- 4. Include informational signs per spec section 134900 Radiation Protection.
- 5. Include printouts of each sign type for each location, tape printout to wall for Architect/Owner to review and approve prior to final sign installation.
- 6. Layout is included.
- 7. All equipment required for a complete installation.
- 8. Warranties and guarantees as specified.
- 9. Coordinate access to work areas with the Project Superintendent or Project Manager.
- 10. Staging/scaffolding, lifts, ladders, hoisting, rigging, etc. required for the proper and safe completion of this scope of work.
- 11. Coordinate material and equipment delivery with DCC's Project Manager or Project Superintendent.
- 12. Permits and fees as required for this scope of work is included.
- 13. All properly trained workers and all proper equipment necessary to complete the work of this agreement.
- 14. All lay-out required to complete this work. Control lines and benchmarks will be provided by Dimeo.
- 15. Safety requirements for this scope of work per Dimeo's site safety plan.
- 16. All police details and traffic control required for this scope of work.
- 17. Mockup sample(s) as required.
- 18. This project is covered under an OCIP program. No on-site workers comp or general liability should be included in your base bid. Reference Exhibit I for additional information.

B. EXCLUSIONS:

- 1. Sales tax.
- 2. Parking garage signage.
- 3. Dimensional characters for exterior use.
- 4. Any graphics on pavement.

C. ALTERNATES:

Reference Dimeo's Bid Proposal Form.

D. UNIT PRICES:

NOT USED

E. WAGE RATES:

Wage rates must comply with Prevailing Wages posted in the bid documents.

F. OTHER REQUIREMENTS:

- 1. Retainage:
 - a. 10%.



Connecticut Health Center Finance Corporation Ambulatory Care Center (ACC)
Interior Fit-Out project.

- c. The Subcontractor agrees to be bound to Dimeo by the terms of the hereinbefore described plans, specifications (including the General Conditions stated therein which apply to his trade) and addenda all addenda and to assume to Dimeo all the obligations and responsibilities that Dimeo by those documents assumes to the Owner, except to the extent that provisions contained therein are by their terms or by law applicable only to Dimeo.
- d. Dimeo agrees to be bound to the Subcontractor by the terms of the hereinbefore described documents and to assume to the Subcontractor all the obligations and responsibilities that the Owner by the terms of the hereinbefore described documents assumes to Dimeo, except to the extent that provisions contained therein are by their terms or by law applicable only to the Owner.
- e. Upon the agreed to notice from Dimeo, the Subcontractor agrees to begin, prosecute and complete the work described in this Contract Agreement in an orderly manner in accordance with completion schedules prescribed by Dimeo for each work item, based on consideration to the date or time specified by the owner for the completion of the entire work.
- f. Dimeo agrees that no claim for services rendered or materials furnished, by Dimeo to the Subcontractor shall be valid unless written notice thereof is given by Dimeo to the Subcontractor during the first forty (40) days following the calendar month in which the claim originated.
- g. Unless expressly provided for otherwise in the Contract Documents, each Subcontractor shall provide a Warranty on the Work for an 18-month period from the date of Substantial Completion. Each Subcontractor shall warrant that the equipment, materials and workmanship are of good quality and new, unless permitted elsewhere by the Contract Documents, and that the Work shall be free from defects not inherent in the quality required or permitted and that the Work conforms to the Contract Documents. The 18 month warranty includes insurance and bonds.
- h. In addition, the Subcontractor agrees to the provisions set forth below, which shall also be included in any sub-subcontract issued by the Subcontractor, with the applicability of terms to be adjusted accordingly. Any duplication of provisions already provided in this Contract Agreement shall be disregarded. In the event of a conflict between the following provisions and those contained in this Contract Agreement, the more stringent shall apply:
 - 1. All work is to be performed in accordance with the requirements of the Contract Documents for this Project.
 - 2. All subcontractors agree to waive all rights to subrogation against the Owner, Architect, Owner's agents, Dimeo, and other subcontractors for damages caused



- by fire or other perils covered by insurance obtained for or in place upon the Project.
3. All subcontractors must carry and maintain insurance coverage in accordance with the Contract Documents and file certificates of such coverage with Dimeo.
 4. All subcontractors must submit certificates of waiver of claims for work completed by their respective subcontractors conditioned upon disbursement of the progress payment next due and owing.
 5. All subcontractors must pay any amounts due any of its Sub-subcontractors whether for labor performed or materials furnished within thirty (30) days after such subcontractor received payment from Dimeo which encompasses labor or materials furnished by such subcontractor.
 6. The subcontractor or the subcontractor's subcontractor's mark-up on change orders to have committed maximum overhead and profit pursuant to General Conditions Article 7.2.
 7. Submission to Dimeo or the subcontractor as the case may be, of applications for payment on a form approved by the Owner together with clearly defined invoices and billings supporting all such applications under each subcontract to which the subcontractor is a party.
 8. Each subcontractor must furnish to Dimeo in a timely fashion all information necessary for the preparation and submission of the reports required herein.
 9. Each subcontractor continue to perform under its subcontract in the event Dimeo is terminated and the Owner, at its sole option takes as an assignment the subcontract and requests that the subcontractor continue such performance.
 10. Each subcontractor must satisfactorily remove or stockpile all debris created by its activity pursuant to the discretion of Dimeo.
 11. Each subcontract is assignable to the Owner.
 12. All performance and payment bonds issued by a subcontractor on the Project name the Owner and Dimeo as dual obligees.
 13. Each subcontractor must cooperate with the Owner and Dimeo and permit the Owner, Dimeo or a designated auditor or representative to review and audit the subcontractor's books and records in connection with any costs charged to the Project and included in the price of any change orders.
 14. Each subcontractor agrees to work overtime, add manpower, or do whatever is necessary to meet the milestone dates and/or Substantial Completion dates, if in the opinion of Dimeo any of the milestone dates and/or Substantial Completion dates are in jeopardy as a result of such subcontractor.
 15. Each subcontractor agrees that if in the opinion of Dimeo, the subcontractor fails to take sufficient action to preserve the milestone and/or Substantial Completion dates after two days written notice from Dimeo, Dimeo may take whatever action he deems necessary to meet the milestone and/or Substantial Completion dates and deduct all costs incurred as a result of such action from the relevant subcontract.
 16. Each subcontractor must include in its performance bonds, if required, the language set forth in Items (14) and (15) above.





Exhibit B

Contract Document List

UCHC Interior Fit-Out

Dimeo Job No. 527-12

UCONN Health Center Ambulatory Care Center Fit-out

Drawings and Specifications

BID/CONTRACT DOCUMENT LOG

9/19/2013

ITEM	DESCRIPTION	REVISION DATE	REVISION NUMBER
DRAWINGS AND SPECIFICATIONS			
DRAWINGS			
Volume 1: Architectural			
G-001A	Drawing List Volume 1	8/23/13	
G-010	Code Compliance	8/23/13	
G-100	Mounting Heights & Accessibility Clearances	8/23/13	
G-101	Life Safety Plan - Level 01	8/23/13	
G-102	Life Safety Plan - Level 02	8/23/13	
G-103	Life Safety Plan - Level 03	8/23/13	
G-104	Life Safety Plan - Level 04	8/23/13	
G-105	Life Safety Plan - Level 05	8/23/13	
G-106	Life Safety Plan - Level 06	8/23/13	
G-107	Life Safety Plan - Level 07	8/23/13	
G-108	Life Safety Plan - Level 08	8/23/13	
A-101	Level 01 Overall Floor Plan	8/23/13	
A-102	Level 02 Overall Floor Plan	8/23/13	
A-103	Level 03 Overall Floor Plan	8/23/13	
A-104	Level 04 Overall Floor Plan	8/23/13	
A-105	Level 05 Overall Floor Plan	8/23/13	
A-106	Level 06 Overall Floor Plan	8/23/13	
A-107	Level 07 Overall Floor Plan	8/23/13	
A-108	Level 08 Overall Floor Plan	9/13/13	Rev. 4
A-110A	Level 01 Construction Plan - Area 1A	8/28/13	Rev. 1
A-110B	Level 01 Construction Plan - Area 1B	9/9/13	Rev. 3
A-110C	Level 01 Construction Plan - Area 1C	9/9/13	Rev. 3
A-110D	Level 01 Construction Plan - Area 1D	9/9/13	Rev. 3
A-110E	Level 01 Construction Plan - Area 1E	9/9/13	Rev. 3
A-110F	Level 01 Construction Plan - Area 1F	9/9/13	Rev. 3
A-110G	Level 01 Construction Plan - Area 1G	9/9/13	Rev. 3
A-110H	Level 01 Construction Plan - Area 1H	9/9/13	Rev. 3
A-120A	Level 02 Construction Plan - Area 2A	9/9/13	Rev. 3
A-120B	Level 02 Construction Plan - Area 2B	9/9/13	Rev. 3
A-120C	Level 02 Construction Plan - Area 2C	9/9/13	Rev. 3
A-120D	Level 02 Construction Plan - Area 2D	9/9/13	Rev. 3
A-120E	Level 02 Construction Plan - Area 2E	9/9/13	Rev. 3
A-120F	Level 02 Construction Plan - Area 2F	9/9/13	Rev. 3
A-120G	Level 02 Construction Plan - Area 2G	9/9/13	Rev. 3
A-130A	Level 03 Construction Plan - Area 3A	8/28/13	Rev. 1
A-130B	Level 03 Construction Plan - Area 3B	9/9/13	Rev. 3
A-130C	Level 03 Construction Plan - Area 3C	9/9/13	Rev. 3
A-130D	Level 03 Construction Plan - Area 3D	9/9/13	Rev. 3
A-130E	Level 03 Construction Plan - Area 3E	9/9/13	Rev. 3
A-130F	Level 03 Construction Plan - Area 3F	9/9/13	Rev. 3
A-130G	Level 03 Construction Plan - Area 3G	9/9/13	Rev. 3
A-140A	Level 04 Construction Plan - Area 4A	9/9/13	Rev. 3
A-140B	Level 04 Construction Plan - Area 4B	9/9/13	Rev. 3
A-140C	Level 04 Construction Plan - Area 4C	9/9/13	Rev. 3
A-140D	Level 04 Construction Plan - Area 4D	9/9/13	Rev. 3
A-140E	Level 04 Construction Plan - Area 4E	9/9/13	Rev. 3
A-140F	Level 04 Construction Plan - Area 4F	9/9/13	Rev. 3
A-150A	Level 05 Construction Plan - Area 5A	8/28/13	Rev. 1
A-150B	Level 05 Construction Plan - Area 5B	8/28/13	Rev. 1
A-150C	Level 05 Construction Plan - Area 5C	8/28/13	Rev. 1
A-150D	Level 05 Construction Plan - Area 5D	8/28/13	Rev. 1
A-150E	Level 05 Construction Plan - Area 5E	9/9/13	Rev. 3
A-150F	Level 05 Construction Plan - Area 5F	8/28/13	Rev. 1

A-160A	Level 06 Construction Plan - Area 6A	9/9/13	Rev. 3
A-160B	Level 06 Construction Plan - Area 6B	9/9/13	Rev. 3
A-160C	Level 06 Construction Plan - Area 6C	9/9/13	Rev. 3
A-160D	Level 06 Construction Plan - Area 6D	9/9/13	Rev. 3
A-160E	Level 06 Construction Plan - Area 6E	9/9/13	Rev. 3
A-160F	Level 06 Construction Plan - Area 6F	8/28/13	Rev. 1
A-170A	Level 07 Construction Plan - Area 7A	8/28/13	Rev. 1
A-170B	Level 07 Construction Plan - Area 7B	8/28/13	Rev. 1
A-170C	Level 07 Construction Plan - Area 7C	8/28/13	Rev. 1
A-170D	Level 07 Construction Plan - Area 7D	9/9/13	Rev. 3
A-170E	Level 07 Construction Plan - Area 7E	9/9/13	Rev. 3
A-170F	Level 07 Construction Plan - Area 7F	9/9/13	Rev. 3
A-180A	Level 08 Construction Plan - Area 8A	9/9/13	Rev. 3
A-180B	Level 08 Construction Plan - Area 8B	9/13/13	Rev. 4
A-180C	Level 08 Construction Plan - Area 8C	9/13/13	Rev. 4
A-180D	Level 08 Construction Plan - Area 8D	9/9/13	Rev. 3
A-180E	Level 08 Construction Plan - Area 8E	9/13/13	Rev. 4
A-180F	Level 08 Construction Plan - Area 8F	9/13/13	Rev. 4
A-210A	Level 01 Reflected Ceiling Plan - Area 1A	8/23/13	
A-210B	Level 01 Reflected Ceiling Plan - Area 1B	9/9/13	Rev. 3
A-210C	Level 01 Reflected Ceiling Plan - Area 1C	9/9/13	Rev. 3
A-210D	Level 01 Reflected Ceiling Plan - Area 1D	9/9/13	Rev. 3
A-210E	Level 01 Reflected Ceiling Plan - Area 1E	9/9/13	Rev. 3
A-210F	Level 01 Reflected Ceiling Plan - Area 1F	9/9/13	Rev. 3
A-210G	Level 01 Reflected Ceiling Plan - Area 1G	9/9/13	Rev. 3
A-210H	Level 01 Reflected Ceiling Plan - Area 1H	9/9/13	Rev. 3
A-220A	Level 02 Reflected Ceiling Plan - Area 2A	9/9/13	Rev. 3
A-220B	Level 02 Reflected Ceiling Plan - Area 2B	9/9/13	Rev. 3
A-220C	Level 02 Reflected Ceiling Plan - Area 2C	9/9/13	Rev. 3
A-220D	Level 02 Reflected Ceiling Plan - Area 2D	9/9/13	Rev. 3
A-220E	Level 02 Reflected Ceiling Plan - Area 2E	9/9/13	Rev. 3
A-220F	Level 02 Reflected Ceiling Plan - Area 2F	9/9/13	Rev. 3
A-220G	Level 02 Reflected Ceiling Plan - Area 2G	9/9/13	Rev. 3
A-230A	Level 03 Reflected Ceiling Plan - Area 3A	9/9/13	Rev. 3
A-230B	Level 03 Reflected Ceiling Plan - Area 3B	9/9/13	Rev. 3
A-230C	Level 03 Reflected Ceiling Plan - Area 3C	9/9/13	Rev. 3
A-230D	Level 03 Reflected Ceiling Plan - Area 3D	9/9/13	Rev. 3
A-230E	Level 03 Reflected Ceiling Plan - Area 3E	9/9/13	Rev. 3
A-230F	Level 03 Reflected Ceiling Plan - Area 3F	9/9/13	Rev. 3
A-230G	Level 03 Reflected Ceiling Plan - Area 3G	9/9/13	Rev. 3
A-240A	Level 04 Reflected Ceiling Plan - Area 4A	9/9/13	Rev. 3
A-240B	Level 04 Reflected Ceiling Plan - Area 4B	9/9/13	Rev. 3
A-240C	Level 04 Reflected Ceiling Plan - Area 4C	9/9/13	Rev. 3
A-240D	Level 04 Reflected Ceiling Plan - Area 4D	9/9/13	Rev. 3
A-240E	Level 04 Reflected Ceiling Plan - Area 4E	9/9/13	Rev. 3
A-240F	Level 04 Reflected Ceiling Plan - Area 4F	9/9/13	Rev. 3
A-250A	Level 05 Reflected Ceiling Plan - Area 5A	9/9/13	Rev. 3
A-250B	Level 05 Reflected Ceiling Plan - Area 5B	9/9/13	Rev. 3
A-250C	Level 05 Reflected Ceiling Plan - Area 5C	9/9/13	Rev. 3
A-250D	Level 05 Reflected Ceiling Plan - Area 5D	9/9/13	Rev. 3
A-250E	Level 05 Reflected Ceiling Plan - Area 5E	9/9/13	Rev. 3
A-250F	Level 05 Reflected Ceiling Plan - Area 5F	9/9/13	Rev. 3
A-260A	Level 06 Reflected Ceiling Plan - Area 6A	9/9/13	Rev. 3
A-260B	Level 06 Reflected Ceiling Plan - Area 6B	9/9/13	Rev. 3
A-260C	Level 06 Reflected Ceiling Plan - Area 6C	9/9/13	Rev. 3
A-260D	Level 06 Reflected Ceiling Plan - Area 6D	9/9/13	Rev. 3
A-260E	Level 06 Reflected Ceiling Plan - Area 6E	9/9/13	Rev. 3
A-260F	Level 06 Reflected Ceiling Plan - Area 6F	9/9/13	Rev. 3
A-270A	Level 07 Reflected Ceiling Plan - Area 7A	9/9/13	Rev. 3
A-270B	Level 07 Reflected Ceiling Plan - Area 7B	9/9/13	Rev. 3
A-270C	Level 07 Reflected Ceiling Plan - Area 7C	9/9/13	Rev. 3
A-270D	Level 07 Reflected Ceiling Plan - Area 7D	9/9/13	Rev. 3
A-270E	Level 07 Reflected Ceiling Plan - Area 7E	9/9/13	Rev. 3
A-270F	Level 07 Reflected Ceiling Plan - Area 7F	9/9/13	Rev. 3
A-280A	Level 08 Reflected Ceiling Plan - Area 8A	9/9/13	Rev. 3

A-280B	Level 08 Reflected Ceiling Plan - Area 8B	9/13/13	Rev. 4
A-280C	Level 08 Reflected Ceiling Plan - Area 8C	9/13/13	Rev. 4
A-280D	Level 08 Reflected Ceiling Plan - Area 8D	9/9/13	Rev. 3
A-280E	Level 08 Reflected Ceiling Plan - Area 8E	9/13/13	Rev. 4
A-280F	Level 08 Reflected Ceiling Plan - Area 8F	9/13/13	Rev. 4
A-310	Level 01 - Interior Elevations	8/23/13	
A-311	Level 01 - Interior Elevations	8/23/13	
A-320	Level 02 - Interior Elevations	9/9/13	Rev. 3
A-321	Level 02 - Interior Elevations	9/9/13	Rev. 3
A-330	Level 03 - Interior Elevations	9/9/13	Rev. 3
A-331	Level 03 - Interior Elevations	9/9/13	Rev. 3
A-341	Level 04 - Interior Elevations	9/9/13	Rev. 3
A-342	Level 04 - Interior Elevations	9/9/13	Rev. 3
A-350	Level 05 - Interior Elevations	8/23/13	
A-351	Level 05 - Interior Elevations	9/9/13	Rev. 3
A-361	Level 06 - Interior Elevations	9/9/13	Rev. 3
A-362	Level 06 - Interior Elevations	9/9/13	Rev. 3
A-370	Level 07 - Interior Elevations	9/9/13	Rev. 3
A-380	Level 08 - Interior Elevations	9/13/13	Rev. 4
A-381	Level 08 - Interior Elevations	9/9/13	Rev. 3
A-400	Enlarged Toilet Plans - Floors 01-03	8/23/13	
A-401	Enlarged Toilet Plans - Floors 04-07	8/23/13	
A-402	Enlarged Toilet Plans - Floors 008 and Elevations	9/13/13	Rev. 4
A-403	Enlarged Toilet Plans - Elevations	8/23/13	
A-406	Enlarged Railing Plan and Details	9/9/13	Rev. 3
A-411	Food Service Plans	9/9/13	Rev. 3
A-441	Enlarged Plan (Chemo Pharmacy)	8/23/13	
A-481	Enlarged Plan (OR-1)	9/13/13	Rev. 4
A-482	Enlarged Plan (OR-2)	9/13/13	Rev. 4
A-483	Enlarged Plan (IVF Lab)	9/13/13	Rev. 4
A-484	Enlarged Plan (ARE Lab)	9/13/13	Rev. 4
A-601	Partition Types and Details	8/23/13	
A-602	Partition Details	8/23/13	
A-603	Enlarged Column Plans	8/23/13	
A-604	Enlarged Column Plans	8/23/13	
A-605	Enlarged Column Plans	9/9/13	Rev. 3
A-630	Door Schedule Levels 01, 02, 03	8/23/13	
A-631	Door Schedule Levels 04, 05, 06	8/23/13	
A-632	Door Schedule Levels 07, 08	8/23/13	
A-633	Door and Window Details	8/23/13	
A-634	Flooring Details	9/9/13	Rev. 3
A-640	Reception/Intake Details/Discharge Enlarged Plans and Elevations	9/9/13	Rev. 3
A-641	Reception/Intake Details	9/9/13	Rev. 3
A-642	Information Volunteer and Vestibule Enlarged Plans	9/9/13	Rev. 3
A-643	Concourse and Millwork Details	9/9/13	Rev. 3
A-644	Concourse Part Plan and Details	9/9/13	Rev. 3
A-645	Nurse Station Details	9/13/13	Rev. 4
A-760	Typ. Millwork Details	9/9/13	Rev. 3
A-761	Typ. Millwork Details (Laboratory)	9/9/13	Rev. 3
A-770	Ceiling Details	9/9/13	Rev. 3
A-771	Ceiling Details	9/9/13	Rev. 3

Volume 2: Equipment, Interior Finishes, Furniture

G-002A	Drawing List Volume 2	8/23/13	
Q-110B	Level 01 Equipment Plan - Area 1B	9/9/13	Rev. 3
Q-110C	Level 01 Equipment Plan - Area 1C	8/23/13	
Q-110D	Level 01 Equipment Plan - Area 1D	9/9/13	Rev. 3
Q-110E	Level 01 Equipment Plan - Area 1E	9/9/13	Rev. 3
Q-110F	Level 01 Equipment Plan - Area 1F	9/9/13	Rev. 3
Q-110G	Level 01 Equipment Plan - Area 1G	9/9/13	Rev. 3
Q-110H	Level 01 Equipment Plan - Area 1H	9/9/13	Rev. 3
Q-120A	Level 02 Equipment Plan - Area 2A	9/9/13	Rev. 3
Q-120B	Level 02 Equipment Plan - Area 2B	9/9/13	Rev. 3
Q-120C	Level 02 Equipment Plan - Area 2C	9/9/13	Rev. 3
Q-120D	Level 02 Equipment Plan - Area 2D	9/9/13	Rev. 3

Q-120E	Level 02 Equipment Plan - Area 2E	9/9/13	Rev. 3
Q-120F	Level 02 Equipment Plan - Area 2F	9/9/13	Rev. 3
Q-120G	Level 02 Equipment Plan - Area 2G	8/23/13	
Q-130A	Level 03 Equipment Plan - Area 3A	8/23/13	
Q-130B	Level 03 Equipment Plan - Area 3B	9/9/13	Rev. 3
Q-130C	Level 03 Equipment Plan - Area 3C	8/23/13	
Q-130D	Level 03 Equipment Plan - Area 3D	9/9/13	Rev. 3
Q-130E	Level 03 Equipment Plan - Area 3E	9/9/13	Rev. 3
Q-130F	Level 03 Equipment Plan - Area 3F	9/9/13	Rev. 3
Q-130G	Level 03 Equipment Plan - Area 3G	8/23/13	
Q-140A	Level 04 Equipment Plan - Area 4A	8/23/13	
Q-140B	Level 04 Equipment Plan - Area 4B	8/23/13	
Q-140C	Level 04 Equipment Plan - Area 4C	8/23/13	
Q-140D	Level 04 Equipment Plan - Area 4D	8/23/13	
Q-140E	Level 04 Equipment Plan - Area 4E	8/23/13	
Q-140F	Level 04 Equipment Plan - Area 4F	8/23/13	
Q-150A	Level 05 Equipment Plan - Area 5A	8/23/13	
Q-150B	Level 05 Equipment Plan - Area 5B	8/23/13	
Q-150C	Level 05 Equipment Plan - Area 5C	8/23/13	
Q-150D	Level 05 Equipment Plan - Area 5D	8/23/13	
Q-150E	Level 05 Equipment Plan - Area 5E	9/9/13	Rev. 3
Q-150F	Level 05 Equipment Plan - Area 5F	8/23/13	
Q-160A	Level 06 Equipment Plan - Area 6A	9/9/13	Rev. 3
Q-160B	Level 06 Equipment Plan - Area 6B	9/9/13	Rev. 3
Q-160C	Level 06 Equipment Plan - Area 6C	9/9/13	Rev. 3
Q-160D	Level 06 Equipment Plan - Area 6D	9/9/13	Rev. 3
Q-160E	Level 06 Equipment Plan - Area 6E	9/9/13	Rev. 3
Q-160F	Level 06 Equipment Plan - Area 6F	9/9/13	Rev. 3
Q-170E	Level 07 Equipment Plan - Area 7E	8/23/13	
Q-180A	Level 08 Equipment Plan - Area 8A	8/23/13	
Q-180B	Level 08 Equipment Plan - Area 8B	9/13/13	Rev. 4
Q-180C	Level 08 Equipment Plan - Area 8C	9/13/13	Rev. 4
Q-180D	Level 08 Equipment Plan - Area 8D	8/23/13	
Q-180E	Level 08 Equipment Plan - Area 8E	9/13/13	Rev. 4
Q-180F	Level 08 Equipment Plan - Area 8F	9/13/13	Rev. 4
AI-101	Room Finish Schedule Level 01	9/9/13	Rev. 3
AI-102	Room Finish Schedule Level 02	9/9/13	Rev. 3
AI-103	Room Finish Schedule Level 03	9/9/13	Rev. 3
AI-104	Room Finish Schedule Level 04	9/9/13	Rev. 3
AI-105	Room Finish Schedule Level 05	9/9/13	Rev. 3
AI-106	Room Finish Schedule Level 06	9/9/13	Rev. 3
AI-107	Room Finish Schedule Level 07	9/9/13	Rev. 3
AI-108	Room Finish Schedule Level 08	9/9/13	Rev. 3
AI-109	Finish Material Legend	9/9/13	Rev. 3
AI-110A	Level 01 Finish Plan - Area 1A	9/9/13	Rev. 3
AI-110B	Level 01 Finish Plan - Area 1B	9/9/13	Rev. 3
AI-110C	Level 01 Finish Plan - Area 1C	9/9/13	Rev. 3
AI-110D	Level 01 Finish Plan - Area 1D	9/9/13	Rev. 3
AI-110E	Level 01 Finish Plan - Area 1E	9/9/13	Rev. 3
AI-110F	Level 01 Finish Plan - Area 1F	9/9/13	Rev. 3
AI-110G	Level 01 Finish Plan - Area 1G	9/9/13	Rev. 3
AI-110H	Level 01 Finish Plan - Area 1H	9/9/13	Rev. 3
AI-120A	Level 02 Finish Plan Area 2A	9/9/13	Rev. 3
AI-120B	Level 02 Finish Plan Area 2B	9/9/13	Rev. 3
AI-120C	Level 02 Finish Plan Area 2C	9/9/13	Rev. 3
AI-120D	Level 02 Finish Plan Area 2D	9/9/13	Rev. 3
AI-120E	Level 02 Finish Plan Area 2E	9/9/13	Rev. 3
AI-120F	Level 02 Finish Plan Area 2F	9/9/13	Rev. 3
AI-120G	Level 02 Finish Plan Area 2G	9/9/13	Rev. 3
AI-130A	Level 03 Finish Plan Area 3A	9/9/13	Rev. 3
AI-130B	Level 03 Finish Plan Area 3B	9/9/13	Rev. 3
AI-130C	Level 03 Finish Plan Area 3C	9/9/13	Rev. 3
AI-130D	Level 03 Finish Plan Area 3D	9/9/13	Rev. 3
AI-130E	Level 03 Finish Plan Area 3E	9/9/13	Rev. 3
AI-130F	Level 03 Finish Plan Area 3F	9/9/13	Rev. 3

AI-130G	Level 03 Finish Plan Area 3G	9/9/13	Rev. 3
AI-140A	Level 04 Finish Plan Area 4A	9/9/13	Rev. 3
AI-140B	Level 04 Finish Plan Area 4B	9/9/13	Rev. 3
AI-140C	Level 04 Finish Plan Area 4C	9/9/13	Rev. 3
AI-140D	Level 04 Finish Plan Area 4D	9/9/13	Rev. 3
AI-140E	Level 04 Finish Plan Area 4E	9/9/13	Rev. 3
AI-140F	Level 04 Finish Plan Area 4F	9/9/13	Rev. 3
AI-150A	Level 05 Finish Plan Area 5A	9/9/13	Rev. 3
AI-150B	Level 05 Finish Plan Area 5B	9/9/13	Rev. 3
AI-150C	Level 05 Finish Plan Area 5C	9/9/13	Rev. 3
AI-150D	Level 05 Finish Plan Area 5D	9/9/13	Rev. 3
AI-150E	Level 05 Finish Plan Area 5E	9/9/13	Rev. 3
AI-150F	Level 05 Finish Plan Area 5F	9/9/13	Rev. 3
AI-160A	Level 06 Finish Plan Area 6A	9/9/13	Rev. 3
AI-160B	Level 06 Finish Plan Area 6B	9/9/13	Rev. 3
AI-160C	Level 06 Finish Plan Area 6C	9/9/13	Rev. 3
AI-160D	Level 06 Finish Plan Area 6D	9/9/13	Rev. 3
AI-160E	Level 06 Finish Plan Area 6E	9/9/13	Rev. 3
AI-160F	Level 06 Finish Plan Area 6F	9/9/13	Rev. 3
AI-170A	Level 07 Finish Plan Area 7A	9/9/13	Rev. 3
AI-170B	Level 07 Finish Plan Area 7B	9/9/13	Rev. 3
AI-170C	Level 07 Finish Plan Area 7C	9/9/13	Rev. 3
AI-170D	Level 07 Finish Plan Area 7D	9/9/13	Rev. 3
AI-170E	Level 07 Finish Plan Area 7E	9/9/13	Rev. 3
AI-170F	Level 07 Finish Plan Area 7F	9/9/13	Rev. 3
AI-180A	Level 08 Finish Plan Area 8A	9/9/13	Rev. 3
AI-180B	Level 08 Finish Plan Area 8B	9/13/13	Rev. 4
AI-180C	Level 08 Finish Plan Area 8C	9/13/13	Rev. 4
AI-180D	Level 08 Finish Plan Area 8D	9/9/13	Rev. 3
AI-180E	Level 08 Finish Plan Area 8E	9/13/13	Rev. 4
AI-180F	Level 08 Finish Plan Area 8F	9/13/13	Rev. 4
AF-110A	Level 01 Furniture Plan - Area 1A	8/23/13	
AF-110B	Level 01 Furniture Plan - Area 1B	8/23/13	
AF-110C	Level 01 Furniture Plan - Area 1C	8/23/13	
AF-110D	Level 01 Furniture Plan - Area 1D	8/23/13	
AF-110E	Level 01 Furniture Plan - Area 1E	8/23/13	
AF-110F	Level 01 Furniture Plan - Area 1F	8/23/13	
AF-110G	Level 01 Furniture Plan - Area 1G	8/23/13	
AF-120A	Level 02 Furniture Plan - Area 2A	8/23/13	
AF-120B	Level 02 Furniture Plan - Area 2B	8/23/13	
AF-120C	Level 02 Furniture Plan - Area 2C	8/23/13	
AF-120D	Level 02 Furniture Plan - Area 2D	8/23/13	
AF-120E	Level 02 Furniture Plan - Area 2E	8/23/13	
AF-120F	Level 02 Furniture Plan - Area 2F	8/23/13	
AF-120G	Level 02 Furniture Plan - Area 2G	8/23/13	
AF-130A	Level 03 Furniture Plan - Area 3A	8/23/13	
AF-130B	Level 03 Furniture Plan - Area 3B	8/23/13	
AF-130C	Level 03 Furniture Plan - Area 3C	8/23/13	
AF-130D	Level 03 Furniture Plan - Area 3D	8/23/13	
AF-130E	Level 03 Furniture Plan - Area 3E	8/23/13	
AF-130F	Level 03 Furniture Plan - Area 3F	8/23/13	
AF-130G	Level 03 Furniture Plan - Area 3G	8/23/13	
AF-140A	Level 04 Furniture Plan - Area 4A	8/23/13	
AF-140B	Level 04 Furniture Plan - Area 4B	8/23/13	
AF-140C	Level 04 Furniture Plan - Area 4C	8/23/13	
AF-140D	Level 04 Furniture Plan - Area 4D	8/23/13	
AF-140E	Level 04 Furniture Plan - Area 4E	8/23/13	
AF-140F	Level 04 Furniture Plan - Area 4F	8/23/13	
AF-150A	Level 05 Furniture Plan - Area 5A	8/23/13	
AF-150B	Level 05 Furniture Plan - Area 5B	8/23/13	
AF-150C	Level 05 Furniture Plan - Area 5C	8/23/13	
AF-150D	Level 05 Furniture Plan - Area 5D	8/23/13	
AF-150E	Level 05 Furniture Plan - Area 5E	8/23/13	
AF-150F	Level 05 Furniture Plan - Area 5F	8/23/13	
AF-160A	Level 06 Furniture Plan - Area 6A	8/23/13	

AF-160B	Level 06 Furniture Plan - Area 6B	8/23/13	
AF-160C	Level 06 Furniture Plan - Area 6C	8/23/13	
AF-160D	Level 06 Furniture Plan - Area 6D	8/23/13	
AF-160E	Level 06 Furniture Plan - Area 6E	8/23/13	
AF-160F	Level 06 Furniture Plan - Area 6F	8/23/13	
AF-170A	Level 07 Furniture Plan - Area 7A	8/23/13	
AF-170B	Level 07 Furniture Plan - Area 7B	8/23/13	
AF-170C	Level 07 Furniture Plan - Area 7C	8/23/13	
AF-170D	Level 07 Furniture Plan - Area 7D	8/23/13	
AF-170E	Level 07 Furniture Plan - Area 7E	8/23/13	
AF-170F	Level 07 Furniture Plan - Area 7F	8/23/13	
AF-180A	Level 08 Furniture Plan - Area 8A	8/23/13	
AF-180B	Level 08 Furniture Plan - Area 8B	8/23/13	
AF-180C	Level 08 Furniture Plan - Area 8C	8/23/13	
AF-180D	Level 08 Furniture Plan - Area 8D	8/23/13	
AF-180E	Level 08 Furniture Plan - Area 8E	8/23/13	
AF-180F	Level 08 Furniture Plan - Area 8F	8/23/13	

Volume 3: Landscape, Environmental Graphics, Structural, Fire Protection, Plumbing

G-003A	Drawing List Volume 3	8/23/13	
L-140	Level 04 Terrace Landscape Plan	8/23/13	
EG.101	Level 01 Overall Floor Plan	8/23/13	
EG.102	Level 02 Overall Floor Plan	8/23/13	
EG.103	Level 03 Overall Floor Plan	8/23/13	
EG.104	Level 04 Overall Floor Plan	8/23/13	
EG.105	Level 05 Overall Floor Plan	8/23/13	
EG.106	Level 06 Overall Floor Plan	8/23/13	
EG.107	Level 07 Overall Floor Plan	8/23/13	
EG.108	Level 08 Overall Floor Plan	9/13/13	Rev. 4
S-101	First Floor Key Plan, Sections & Details	9/9/13	Rev. 3
S-102	First and Second Floor Reflective Ceiling Key Plans	9/9/13	Rev. 3
S-103	Third and Fourth Reflective Ceiling Key Plans & General Notes	9/9/13	Rev. 3
S-104	Fifth and Sixth Floor Reflective Key Plans & Part Plan	9/9/13	Rev. 3
S-105	Seventh and Eighth Floor Reflective Ceiling Key Plans & Part Plans	9/13/13	Rev. 4
S-106	Framing Support Plans For Equipment	9/9/13	Rev. 3
S-107	Framing Support Plans For Equipment	9/9/13	Rev. 3
S-108	Framing Support Plans For Equipment	9/9/13	Rev. 3
S-109	Framing Support Plans For Equipment and Skyfold Wall System	9/13/13	Rev. 4
S-500	Sections and Details	9/13/13	Rev. 4
S-501	Sections and Details	9/9/13	Rev. 3
S-502	Sections and Details & Part Plan	9/9/13	Rev. 3
FP-000	Fire Protection Legend	8/23/13	
FP-001	Fire Protection Details	8/23/13	
FP-101	Fire Protection Level 01 Overall Plan	8/23/13	
FP-102	Fire Protection Level 02 Overall Plan	8/23/13	
FP-103	Fire Protection Level 03 Overall Plan	8/23/13	
FP-104	Fire Protection Level 04 Overall Plan	8/23/13	
FP-105	Fire Protection Level 05 Overall Plan	8/23/13	
FP-106	Fire Protection Level 06 Overall Plan	8/23/13	
FP-107	Fire Protection Level 07 Overall Plan	8/23/13	
FP-108	Fire Protection Level 08 Overall Plan	8/23/13	
FP-110A	Fire Protection Level 01 Plan - Area 1A	8/23/13	
FP-110B	Fire Protection Level 01 Plan - Area 1B	8/23/13	
FP-110C	Fire Protection Level 01 Plan - Area 1C	8/23/13	
FP-120A	Fire Protection Level 02 Pan - Area 2A	8/23/13	
FP-120B	Fire Protection Level 02 Plan - Area 2B	8/23/13	
FP-130A	Fire Protection Level 03 Plan - Area 3A	8/23/13	
FP-130B	Fire Protection Level 03 Plan - Area 3B	8/23/13	
FP-140A	Fire Protection Level 04 Plan - Area 4A	8/23/13	
FP-140B	Fire Protection Level 04 Plan - Area 4B	8/23/13	
FP-150A	Fire Protection Level 05 Plan - Area 5A	8/23/13	
FP-150B	Fire Protection Level 05 Plan - Area 5B	8/23/13	
FP-160A	Fire Protection Level 06 Plan - Area 6A	8/23/13	
FP-160B	Fire Protection Level 06 Plan - Area 6B	8/23/13	
FP-170A	Fire Protection Level 07 Plan - Area 7A	8/23/13	

FP-170B	Fire Protection Level 07 Plan - Area 7B	8/23/13	
FP-180A	Fire Protection Level 08 Plan - Area 8A	8/23/13	
FP-180B	Fire Protection Level 08 Plan - Area 8B	8/23/13	
P-000	Plumbing Legend	8/23/13	
P-001	Plumbing Schedules	9/18/13	Rev. 5
P-002	Plumbing Details	8/23/13	
P-003	Plumbing Details	9/13/13	Rev. 4
P-101	Plumbing Level 01 Overall Plan	8/23/13	
P-102	Plumbing Level 02 Overall Plan	8/23/13	
P-103	Plumbing Level 03 Overall Plan	8/23/13	
P-104	Plumbing Level 04 Overall Plan	8/23/13	
P-105	Plumbing Level 05 Overall Plan	8/23/13	
P-106	Plumbing Level 06 Overall Plan	8/23/13	
P-107	Plumbing Level 07 Overall Plan	8/23/13	
P-108	Plumbing Level 08 Overall Plan	8/23/13	
P-110A	Plumbing Level 01 Plan - Area 1A	9/18/13	Rev. 5
P-110B	Plumbing Level 01 Plan - Area 1B	8/23/13	
P-110C	Plumbing Level 01 Plan - Area 1C	9/13/13	Rev. 4
P-110D	Plumbing Level 01 Plan - Area 1D	8/23/13	
P-110E	Plumbing Level 01 Plan - Area 1E	9/18/13	Rev. 5
P-110F	Plumbing Level 01 Plan - Area 1F	9/18/13	Rev. 5
P-110G	Plumbing Level 01 Plan - Area 1G	8/23/13	
P-120A	Plumbing Level 02 Plan - Area 2A	8/23/13	
P-120B	Plumbing Level 02 Plan - Area 2B	8/23/13	
P-120C	Plumbing Level 02 Plan - Area 2C	8/23/13	
P-120D	Plumbing Level 02 Plan - Area 2D	8/23/13	
P-120E	Plumbing Level 02 Plan - Area 2E	8/23/13	
P-120F	Plumbing Level 02 Plan - Area 2F	9/13/13	Rev. 4
P-130A	Plumbing Level 03 Plan - Area 3A	9/18/13	Rev. 5
P-130B	Plumbing Level 03 Plan - Area 3B	8/23/13	
P-130C	Plumbing Level 03 Plan - Area 3C	8/23/13	
P-130D	Plumbing Level 03 Plan - Area 3D	8/23/13	
P-130E	Plumbing Level 03 Plan - Area 3E	8/23/13	
P-130F	Plumbing Level 03 Plan - Area 3F	9/13/13	Rev. 4
P-140A	Plumbing Level 04 Plan - Area 4A	8/23/13	
P-140B	Plumbing Level 04 Plan - Area 4B	8/23/13	
P-140C	Plumbing Level 04 Plan - Area 4C	8/23/13	
P-140D	Plumbing Level 04 Plan - Area 4D	8/23/13	
P-140E	Plumbing Level 04 Plan - Area 4E	8/23/13	
P-140F	Plumbing Level 04 Plan - Area 4F	9/18/13	Rev. 5
P-150A	Plumbing Level 05 Plan - Area 5A	8/23/13	
P-150B	Plumbing Level 05 Plan - Area 5B	8/23/13	
P-150C	Plumbing Level 05 Plan - Area 5C	8/23/13	
P-150D	Plumbing Level 05 Plan - Area 5D	8/23/13	
P-150E	Plumbing Level 05 Plan - Area 5E	8/23/13	
P-150F	Plumbing Level 05 Plan - Area 5F	9/13/13	Rev. 4
P-160A	Plumbing Level 06 Plan - Area 6A	8/23/13	
P-160B	Plumbing Level 06 Plan - Area 6B	8/23/13	
P-160C	Plumbing Level 06 Plan - Area 6C	8/23/13	
P-160D	Plumbing Level 06 Plan - Area 6D	8/23/13	
P-160E	Plumbing Level 06 Plan - Area 6E	8/23/13	
P-160F	Plumbing Level 06 Plan - Area 6F	9/18/13	Rev. 5
P-170A	Plumbing Level 07 Plan - Area 7A	8/23/13	
P-170B	Plumbing Level 07 Plan - Area 7B	8/23/13	
P-170C	Plumbing Level 07 Plan - Area 7C	8/23/13	
P-170D	Plumbing Level 07 Plan - Area 7D	8/23/13	
P-170E	Plumbing Level 07 Plan - Area 7E	8/23/13	
P-170F	Plumbing Level 07 Plan - Area 7F	9/18/13	Rev. 5
P-180A	Plumbing Level 08 Plan - Area 8A	8/23/13	
P-180B	Plumbing Level 08 Plan - Area 8B	9/13/13	Rev. 4
P-180C	Plumbing Level 08 Plan - Area 8C	9/13/13	Rev. 4
P-180D	Plumbing Level 08 Plan - Area 8D	8/23/13	
P-180E	Plumbing Level 08 Plan - Area 8E	8/23/13	
P-180F	Plumbing Level 08 Plan - Area 8F	9/13/13	Rev. 4

Volume 4: Mechanical

G-004A	Drawing List Volume 4	8/23/13	
M-000	Mechanical Legend	8/23/13	
M-001	HVAC Schedules	9/13/13	Rev. 4
M-002	HVAC Schedules	9/18/13	Rev. 5
M-003	HVAC Schedules	8/23/13	
M-004	Terminal Box Schedule Level 1-3	9/18/13	Rev. 5
M-005	Terminal Box Schedule Level 4-6	9/18/13	Rev. 5
M-006	Terminal Box Schedule Level 7-8	9/13/13	Rev. 4
M-101	Level 1 Overall Plan	9/13/13	Rev. 4
M-102	Level 2 Overall Plan	8/23/13	
M-103	Level 3 Overall Plan	8/23/13	
M-104	Level 4 Overall Plan	9/9/13	Rev. 3
M-105	Level 5 Overall Plan	8/23/13	
M-106	Level 6 Overall Plan	9/18/13	Rev. 5
M-107	Level 7 Overall Plan	8/23/13	
M-108	Level 8 Overall Plan	9/18/13	Rev. 5
M-109	Roof Overall Plan	9/18/13	Rev. 5
M-110A	Mechanical Level 01 Plan - Area 1A	8/23/13	
M-110B	Mechanical Level 01 Plan - Area 1B	9/18/13	Rev. 5
M-110C	Mechanical Level 01 Plan - Area 1C	9/18/13	Rev. 5
M-110D	Mechanical Level 01 Plan - Area 1D	8/23/13	
M-110E	Mechanical Level 01 Plan - Area 1E	8/23/13	
M-110F	Mechanical Level 01 Plan - Area 1F	8/23/13	
M-110G	Mechanical Level 01 Plan - Area 1G	8/23/13	
M-110H	Mechanical Level 01 Plan - Area 1H	8/23/13	
M-120A	Mechanical Level 02 Plan - Area 2A	9/18/13	Rev. 5
M-120B	Mechanical Level 02 Plan - Area 2B	9/18/13	Rev. 5
M-120C	Mechanical Level 02 Plan - Area 2C	8/23/13	
M-120D	Mechanical Level 02 Plan - Area 2D	8/23/13	
M-120E	Mechanical Level 02 Plan - Area 2E	8/23/13	
M-120F	Mechanical Level 02 Plan - Area 2F	8/23/13	
M-120G	Mechanical Level 02 Plan - Area 2G	8/23/13	
M-130A	Mechanical Level 03 Plan - Area 3A	8/23/13	
M-130B	Mechanical Level 03 Plan - Area 3B	8/23/13	
M-130C	Mechanical Level 03 Plan - Area 3C	8/23/13	
M-130D	Mechanical Level 03 Plan - Area 3D	9/18/13	Rev. 5
M-130E	Mechanical Level 03 Plan - Area 3E	8/23/13	
M-130F	Mechanical Level 03 Plan - Area 3F	8/23/13	
M-130G	Mechanical Level 03 Plan - Area 3G	8/23/13	
M-140A	Mechanical Level 04 Plan - Area 4A	8/23/13	
M-140B	Mechanical Level 04 Plan - Area 4B	9/9/13	Rev. 3
M-140C	Mechanical Level 04 Plan - Area 4C	8/23/13	
M-140D	Mechanical Level 04 Plan - Area 4D	8/23/13	
M-140E	Mechanical Level 04 Plan - Area 4E	8/23/13	
M-140F	Mechanical Level 04 Plan - Area 4F	8/23/13	
M-150A	Mechanical Level 05 Plan - Area 5A	8/23/13	
M-150B	Mechanical Level 05 Plan - Area 5B	8/23/13	
M-150C	Mechanical Level 05 Plan - Area 5C	8/23/13	
M-150D	Mechanical Level 05 Plan - Area 5D	8/23/13	
M-150E	Mechanical Level 05 Plan - Area 5E	8/23/13	
M-150F	Mechanical Level 05 Plan - Area 5F	8/23/13	
M-160A	Mechanical Level 06 Plan - Area 6A	9/18/13	Rev. 5
M-160B	Mechanical Level 06 Plan - Area 6B	9/18/13	Rev. 5
M-160C	Mechanical Level 06 Plan - Area 6C	8/23/13	
M-160D	Mechanical Level 06 Plan - Area 6D	8/23/13	
M-160E	Mechanical Level 06 Plan - Area 6E	8/23/13	
M-160F	Mechanical Level 06 Plan - Area 6F	8/23/13	
M-170A	Mechanical Level 07 Plan - Area 7A	8/23/13	
M-170B	Mechanical Level 07 Plan - Area 7B	8/23/13	
M-170C	Mechanical Level 07 Plan - Area 7C	8/23/13	
M-170D	Mechanical Level 07 Plan - Area 7D	8/23/13	
M-170E	Mechanical Level 07 Plan - Area 7E	8/23/13	
M-170F	Mechanical Level 07 Plan - Area 7F	8/23/13	
M-180A	Mechanical Level 08 Plan - Area 8A	8/23/13	

M-180B	Mechanical Level 08 Plan - Area 8B	9/18/13	Rev. 5
M-180C	Mechanical Level 08 Plan - Area 8C	9/13/13	Rev. 4
M-180D	Mechanical Level 08 Plan - Area 8D	8/23/13	
M-180E	Mechanical Level 08 Plan - Area 8E	9/13/13	Rev. 4
M-180F	Mechanical Level 08 Plan - Area 8F	9/13/13	Rev. 4
M-190A	Mechanical Roof Plan - Area 9A	8/23/13	
M-190B	Mechanical Roof Plan - Area 9B	9/13/13	Rev. 4
M-190C	Mechanical Roof Plan - Area 9C	8/23/13	
M-190D	Mechanical Roof Plan - Area 9D	8/23/13	
M-190E	Mechanical Roof Plan - Area 9E	8/23/13	
M-190F	Mechanical Roof Plan - Area 9F	8/23/13	
M-201	Level 1 MER Coordination Partial Plan	8/23/13	
M-202	Level 5 MER Coordination Partial Plans	8/23/13	
M-501	Mechanical Hot Water Flow Diagram	9/13/13	Rev. 4
M-502	Mechanical Chilled Water Flow Diagram	8/23/13	
M-503	Mechanical Airflow Diagram	9/13/13	Rev. 4
M-504	Process Chilled Water Flow Diagram	8/23/13	
M-505	IVF Suite Critical Space Flow Diagrams	9/18/13	Rev. 5
M-601	Mechanical Details	8/23/13	
M-602	Mechanical Details	9/13/13	Rev. 4
M-603	Mechanical Details	9/13/13	Rev. 4

Volume 5: Electrical, Fire Alarm

G-005A	Drawing List Volume 5	8/23/13	
E-000	Electrical Legend, Notes, & Schedules	9/18/13	Rev. 5
E-101	Level 01 Electrical Lighting Overall Floor Plan	8/23/13	
E-102	Level 02 Electrical Lighting Overall Floor Plan	8/23/13	
E-103	Level 03 Electrical Lighting Overall Floor Plan	8/23/13	
E-104	Level 04 Electrical Lighting Overall Floor Plan	8/23/13	
E-105	Level 05 Electrical Lighting Overall Floor Plan	8/23/13	
E-106	Level 06 Electrical Lighting Overall Floor Plan	8/23/13	
E-107	Level 07 Electrical Lighting Overall Floor Plan	8/23/13	
E-108	Level 08 Electrical Lighting Overall Floor Plan	8/23/13	
E-110A	Level 01 Electrical Lighting Plan - Area 1A	8/23/13	
E-110B	Level 01 Electrical Lighting Plan - Area 1B	8/23/13	
E-110C	Level 01 Electrical Lighting Plan - Area 1C	9/13/13	Rev. 4
E-110D	Level 01 Electrical Lighting Plan - Area 1D	9/9/13	Rev. 3
E-110E	Level 01 Electrical Lighting Plan - Area 1E	9/9/13	Rev. 3
E-110F	Level 01 Electrical Lighting Plan - Area 1F	8/23/13	
E-110G	Level 01 Electrical Lighting Plan - Area 1G	9/9/13	Rev. 3
E-110H	Level 01 Electrical Lighting Plan - Area 1H	9/9/13	Rev. 3
E-120A	Level 02 Electrical Lighting Plan - Area 2A	8/23/13	
E-120B	Level 02 Electrical Lighting Plan - Area 2B	8/23/13	
E-120C	Level 02 Electrical Lighting Plan - Area 2C	9/9/13	Rev. 3
E-120D	Level 02 Electrical Lighting Plan - Area 2D	9/9/13	Rev. 3
E-120E	Level 02 Electrical Lighting Plan - Area 2E	8/23/13	
E-120F	Level 02 Electrical Lighting Plan - Area 2F	9/9/13	Rev. 3
E-120G	Level 02 Electrical Lighting Plan - Area 2G	9/9/13	Rev. 3
E-130A	Level 03 Electrical Lighting Plan - Area 3A	8/23/13	
E-130B	Level 03 Electrical Lighting Plan - Area 3B	8/23/13	
E-130C	Level 03 Electrical Lighting Plan - Area 3C	9/9/13	Rev. 3
E-130D	Level 03 Electrical Lighting Plan - Area 3D	8/23/13	
E-130E	Level 03 Electrical Lighting Plan - Area 3E	8/23/13	
E-130F	Level 03 Electrical Lighting Plan - Area 3F	9/9/13	Rev. 3
E-130G	Level 03 Electrical Lighting Plan - Area 3G	9/9/13	Rev. 3
E-140A	Level 04 Electrical Lighting Plan - Area 4A	8/23/13	
E-140B	Level 04 Electrical Lighting Plan - Area 4B	9/9/13	Rev. 3
E-140C	Level 04 Electrical Lighting Plan - Area 4C	9/9/13	Rev. 3
E-140D	Level 04 Electrical Lighting Plan - Area 4D	9/9/13	Rev. 3
E-140E	Level 04 Electrical Lighting Plan - Area 4E	9/9/13	Rev. 3
E-140F	Level 04 Electrical Lighting Plan - Area 4F	8/23/13	
E-150A	Level 05 Electrical Lighting Plan - Area 5A	8/23/13	
E-150B	Level 05 Electrical Lighting Plan - Area 5B	9/9/13	Rev. 3
E-150C	Level 05 Electrical Lighting Plan - Area 5C	8/23/13	
E-150D	Level 05 Electrical Lighting Plan - Area 5D	8/23/13	

E-150E	Level 05 Electrical Lighting Plan - Area 5E	9/9/13	Rev. 3
E-150F	Level 05 Electrical Lighting Plan - Area 5F	9/9/13	Rev. 3
E-160A	Level 06 Electrical Lighting Plan - Area 6A	8/23/13	
E-160B	Level 06 Electrical Lighting Plan - Area 6B	8/23/13	
E-160C	Level 06 Electrical Lighting Plan - Area 6C	8/23/13	
E-160D	Level 06 Electrical Lighting Plan - Area 6D	9/9/13	Rev. 3
E-160E	Level 06 Electrical Lighting Plan - Area 6E	9/9/13	Rev. 3
E-160F	Level 06 Electrical Lighting Plan - Area 6F	9/9/13	Rev. 3
E-170A	Level 07 Electrical Lighting Plan - Area 7A	8/23/13	
E-170B	Level 07 Electrical Lighting Plan - Area 7B	8/23/13	
E-170C	Level 07 Electrical Lighting Plan - Area 7C	9/9/13	Rev. 3
E-170D	Level 07 Electrical Lighting Plan - Area 7D	9/9/13	Rev. 3
E-170E	Level 07 Electrical Lighting Plan - Area 7E	9/9/13	Rev. 3
E-170F	Level 07 Electrical Lighting Plan - Area 7F	9/9/13	Rev. 3
E-180A	Level 08 Electrical Lighting Plan - Area 8A	9/9/13	Rev. 3
E-180B	Level 08 Electrical Lighting Plan - Area 8B	9/13/13	Rev. 4
E-180C	Level 08 Electrical Lighting Plan - Area 8C	9/13/13	Rev. 4
E-180D	Level 08 Electrical Lighting Plan - Area 8D	8/23/13	
E-180E	Level 08 Electrical Lighting Plan - Area 8E	9/13/13	Rev. 4
E-180F	Level 08 Electrical Lighting Plan - Area 8F	9/13/13	Rev. 4
E-201	Level 01 Electrical Power Overall Floor Plan	8/23/13	
E-202	Level 02 Electrical Power Overall Floor Plan	8/23/13	
E-203	Level 03 Electrical Power Overall Floor Plan	8/23/13	
E-204	Level 04 Electrical Power Overall Floor Plan	8/23/13	
E-205	Level 05 Electrical Power Overall Floor Plan	8/23/13	
E-206	Level 06 Electrical Power Overall Floor Plan	8/23/13	
E-207	Level 07 Electrical Power Overall Floor Plan	8/23/13	
E-208	Level 08 Electrical Power Overall Floor Plan	8/23/13	
E-209	Roof Electrical Power Overall Floor Plan	8/23/13	
E-210A	Level 01 Electrical Power Plan - Area 1A	9/18/13	Rev. 5
E-210B	Level 01 Electrical Power Plan - Area 1B	9/9/13	Rev. 3
E-210C	Level 01 Electrical Power Plan - Area 1C	9/13/13	Rev. 4
E-210D	Level 01 Electrical Power Plan - Area 1D	9/9/13	Rev. 3
E-210E	Level 01 Electrical Power Plan - Area 1E	8/23/13	
E-210F	Level 01 Electrical Power Plan - Area 1F	9/9/13	Rev. 3
E-210G	Level 01 Electrical Power Plan - Area 1G	8/23/13	
E-210H	Level 01 Electrical Power Plan - Area 1H	8/23/13	
E-220A	Level 02 Electrical Power Plan - Area 2A	9/9/13	Rev. 3
E-220B	Level 02 Electrical Power Plan - Area 2B	8/23/13	
E-220C	Level 02 Electrical Power Plan - Area 2C	9/9/13	Rev. 3
E-220D	Level 02 Electrical Power Plan - Area 2D	8/23/13	
E-220E	Level 02 Electrical Power Plan - Area 2E	8/23/13	
E-220F	Level 02 Electrical Power Plan - Area 2F	8/23/13	
E-220G	Level 02 Electrical Power Plan - Area 2G	8/23/13	
E-230A	Level 03 Electrical Power Plan - Area 3A	9/9/13	Rev. 3
E-230B	Level 03 Electrical Power Plan - Area 3B	8/23/13	
E-230C	Level 03 Electrical Power Plan - Area 3C	9/9/13	Rev. 3
E-230D	Level 03 Electrical Power Plan - Area 3D	8/23/13	
E-230E	Level 03 Electrical Power Plan - Area 3E	9/9/13	Rev. 3
E-230F	Level 03 Electrical Power Plan - Area 3F	8/23/13	
E-230G	Level 03 Electrical Power Plan - Area 3G	8/23/13	
E-240A	Level 04 Electrical Power Plan - Area 4A	9/9/13	Rev. 3
E-240B	Level 04 Electrical Power Plan - Area 4B	9/9/13	Rev. 3
E-240C	Level 04 Electrical Power Plan - Area 4C	9/9/13	Rev. 3
E-240D	Level 04 Electrical Power Plan - Area 4D	8/23/13	
E-240E	Level 04 Electrical Power Plan - Area 4E	8/23/13	
E-240F	Level 04 Electrical Power Plan - Area 4F	8/23/13	
E-250A	Level 05 Electrical Power Plan - Area 5A	9/9/13	Rev. 3
E-250B	Level 05 Electrical Power Plan - Area 5B	8/23/13	
E-250C	Level 05 Electrical Power Plan - Area 5C	9/9/13	Rev. 3
E-250D	Level 05 Electrical Power Plan - Area 5D	8/23/13	
E-250E	Level 05 Electrical Power Plan - Area 5E	8/23/13	
E-250F	Level 05 Electrical Power Plan - Area 5F	8/23/13	
E-260A	Level 06 Electrical Power Plan - Area 6A	9/9/13	Rev. 3
E-260B	Level 06 Electrical Power Plan - Area 6B	8/23/13	

E-260C	Level 06 Electrical Power Plan - Area 6C	9/9/13	Rev. 3
E-260D	Level 06 Electrical Power Plan - Area 6D	8/23/13	
E-260E	Level 06 Electrical Power Plan - Area 6E	8/23/13	
E-260F	Level 06 Electrical Power Plan - Area 6F	8/23/13	
E-270A	Level 07 Electrical Power Plan - Area 7A	9/9/13	Rev. 3
E-270B	Level 07 Electrical Power Plan - Area 7B	8/23/13	
E-270C	Level 07 Electrical Power Plan - Area 7C	9/9/13	Rev. 3
E-270D	Level 07 Electrical Power Plan - Area 7D	8/23/13	
E-270E	Level 07 Electrical Power Plan - Area 7E	8/23/13	
E-270F	Level 07 Electrical Power Plan - Area 7F	8/23/13	
E-280A	Level 08 Electrical Power Plan - Area 8A	9/13/13	Rev. 4
E-280B	Level 08 Electrical Power Plan - Area 8B	9/13/13	Rev. 4
E-280C	Level 08 Electrical Power Plan - Area 8C	9/13/13	Rev. 4
E-280D	Level 08 Electrical Power Plan - Area 8D	8/23/13	
E-280E	Level 08 Electrical Power Plan - Area 8E	9/13/13	Rev. 4
E-280F	Level 08 Electrical Power Plan - Area 8F	9/13/13	Rev. 4
E-290A	Roof Electrical Power Plan - Area 9A	8/23/13	
E-290B	Roof Electrical Power Plan - Area 9B	9/9/13	Rev. 3
E-290C	Roof Electrical Power Plan - Area 9C	8/23/13	
E-290E	Roof Electrical Power Plan - Area 9E	8/23/13	
E-401	Electrical Normal Riser Diagram	9/18/13	Rev. 5
E-402	Electrical Emergency Riser Diagram	9/13/13	Rev. 4
E-501	Electrical Normal Schedules Sheet #1	9/18/13	Rev. 5
E-502	Electrical Normal Schedules Sheet #2	9/18/13	Rev. 5
E-503	Electrical Emergency Schedules	9/13/13	Rev. 4
E-601	Electrical Details Sheet #1	8/23/13	
E-602	Electrical Details Sheet #2	9/18/13	Rev. 5
EF-000	Electrical Fire Alarm Legend, Notes & Details	9/18/13	Rev. 5
EF-301	Level 01 Electrical Fire Alarm Overall Floor Plan	8/23/13	
EF-302	Level 02 Electrical Fire Alarm Overall Floor Plan	8/23/13	
EF-303	Level 03 Electrical Fire Alarm Overall Floor Plan	8/23/13	
EF-304	Level 04 Electrical Fire Alarm Overall Floor Plan	8/23/13	
EF-305	Level 05 Electrical Fire Alarm Overall Floor Plan	8/23/13	
EF-306	Level 06 Electrical Fire Alarm Overall Floor Plan	8/23/13	
EF-307	Level 07 Electrical Fire Alarm Overall Floor Plan	8/23/13	
EF-308	Level 08 Electrical Fire Alarm Overall Floor Plan	8/23/13	
EF-309	Roof Electrical Fire Alarm Overall Floor Plan	8/23/13	
EF-310A	Level 01 Electrical Fire Alarm Plan - Area 1A	8/23/13	
EF-310B	Level 01 Electrical Fire Alarm Plan - Area 1B	8/23/13	
EF-310C	Level 01 Electrical Fire Alarm Plan - Area 1C	9/13/13	Rev. 4
EF-310D	Level 01 Electrical Fire Alarm Plan - Area 1D	8/23/13	
EF-310E	Level 01 Electrical Fire Alarm Plan - Area 1E	8/23/13	
EF-310F	Level 01 Electrical Fire Alarm Plan - Area 1F	8/23/13	
EF-310G	Level 01 Electrical Fire Alarm Plan - Area 1G	8/23/13	
EF-310H	Level 01 Electrical Fire Alarm Plan - Area 1H	8/23/13	
EF-320A	Level 02 Electrical Fire Alarm Plan - Area 2A	8/23/13	
EF-320B	Level 02 Electrical Fire Alarm Plan - Area 2B	8/23/13	
EF-320C	Level 02 Electrical Fire Alarm Plan - Area 2C	9/9/13	Rev. 3
EF-320D	Level 02 Electrical Fire Alarm Plan - Area 2D	8/23/13	
EF-320E	Level 02 Electrical Fire Alarm Plan - Area 2E	8/23/13	
EF-320F	Level 02 Electrical Fire Alarm Plan - Area 2F	8/23/13	
EF-320G	Level 02 Electrical Fire Alarm Plan - Area 2G	8/23/13	
EF-330A	Level 03 Electrical Fire Alarm Plan - Area 3A	8/23/13	
EF-330B	Level 03 Electrical Fire Alarm Plan - Area 3B	8/23/13	
EF-330C	Level 03 Electrical Fire Alarm Plan - Area 3C	8/23/13	
EF-330D	Level 03 Electrical Fire Alarm Plan - Area 3D	8/23/13	
EF-330E	Level 03 Electrical Fire Alarm Plan - Area 3E	8/23/13	
EF-330F	Level 03 Electrical Fire Alarm Plan - Area 3F	8/23/13	
EF-330G	Level 03 Electrical Fire Alarm Plan - Area 3G	8/23/13	
EF-340A	Level 04 Electrical Fire Alarm Plan - Area 4A	8/23/13	
EF-340B	Level 04 Electrical Fire Alarm Plan - Area 4B	8/23/13	
EF-340C	Level 04 Electrical Fire Alarm Plan - Area 4C	9/18/13	Rev. 5
EF-340D	Level 04 Electrical Fire Alarm Plan - Area 4D	8/23/13	
EF-340E	Level 04 Electrical Fire Alarm Plan - Area 4E	8/23/13	
EF-340F	Level 04 Electrical Fire Alarm Plan - Area 4F	8/23/13	

EF-340G	Level 04 Electrical Fire Alarm Plan - Area 4G	8/23/13	
EF-350A	Level 05 Electrical Fire Alarm Plan - Area 5A	9/18/13	Rev. 5
EF-350B	Level 05 Electrical Fire Alarm Plan - Area 5B	9/18/13	Rev. 5
EF-350C	Level 05 Electrical Fire Alarm Plan - Area 5C	9/18/13	Rev. 5
EF-350D	Level 05 Electrical Fire Alarm Plan - Area 5D	9/18/13	Rev. 5
EF-350E	Level 05 Electrical Fire Alarm Plan - Area 5E	9/18/13	Rev. 5
EF-350F	Level 05 Electrical Fire Alarm Plan - Area 5F	8/23/13	
EF-360A	Level 06 Electrical Fire Alarm Plan - Area 6A	9/18/13	Rev. 5
EF-360B	Level 06 Electrical Fire Alarm Plan - Area 6B	9/18/13	Rev. 5
EF-360C	Level 06 Electrical Fire Alarm Plan - Area 6C	8/23/13	
EF-360D	Level 06 Electrical Fire Alarm Plan - Area 6D	9/18/13	Rev. 5
EF-360E	Level 06 Electrical Fire Alarm Plan - Area 6E	8/23/13	
EF-360F	Level 06 Electrical Fire Alarm Plan - Area 6F	8/23/13	
EF-370A	Level 07 Electrical Fire Alarm Plan - Area 7A	9/18/13	Rev. 5
EF-370B	Level 07 Electrical Fire Alarm Plan - Area 7B	9/18/13	Rev. 5
EF-370C	Level 07 Electrical Fire Alarm Plan - Area 7C	9/18/13	Rev. 5
EF-370D	Level 07 Electrical Fire Alarm Plan - Area 7D	9/18/13	Rev. 5
EF-370E	Level 07 Electrical Fire Alarm Plan - Area 7E	8/23/13	
EF-370F	Level 07 Electrical Fire Alarm Plan - Area 7F	9/18/13	Rev. 5
EF-380A	Level 08 Electrical Fire Alarm Plan - Area 8A	8/23/13	
EF-380B	Level 08 Electrical Fire Alarm Plan - Area 8B	9/18/13	Rev. 5
EF-380C	Level 08 Electrical Fire Alarm Plan - Area 8C	9/18/13	Rev. 5
EF-380D	Level 08 Electrical Fire Alarm Plan - Area 8D	9/18/13	Rev. 5
EF-380E	Level 08 Electrical Fire Alarm Plan - Area 8E	9/13/13	Rev. 4
EF-380F	Level 08 Electrical Fire Alarm Plan - Area 8F	9/13/13	Rev. 4
EF-390A	Roof Electrical Fire Alarm Plan - Area 9A	9/9/13	Rev. 3
EF-390B	Roof Electrical Fire Alarm Plan - Area 9B	9/9/13	Rev. 3
EF-390C	Roof Electrical Fire Alarm Plan - Area 9C	8/23/13	
EF-390D	Roof Electrical Fire Alarm Plan - Area 9D	8/23/13	
EF-390E	Roof Electrical Fire Alarm Plan - Area 9E	8/23/13	
EF-390F	Roof Electrical Fire Alarm Plan - Area 9F	8/23/13	
EF-403	Electrical Fire Alarm Riser Diagram	8/23/13	

Volume 6: Audiovisual, Security, Telecom

G-006A	Drawing List Volume 6	8/23/13	
TA-000	Audiovisual Cover Page	8/23/13	
TA-101	Audiovisual Level 1 Overall Floor Plan	8/23/13	
TA-102	Audiovisual Level 2 Overall Floor Plan	8/23/13	
TA-103	Audiovisual Level 3 Overall Floor Plan	8/23/13	
TA-104	Audiovisual Level 4 Overall Floor Plan	8/23/13	
TA-105	Audiovisual Level 5 Overall Floor Plan	8/23/13	
TA-106	Audiovisual Level 6 Overall Floor Plan	8/23/13	
TA-107	Audiovisual Level 7 Overall Floor Plan	8/23/13	
TA-108	Audiovisual Level 8 Overall Floor Plan	8/23/13	
TA-110E	Level 01 Audiovisual Plan - Area 1E	8/23/13	
TA-110F	Level 01 Audiovisual Plan - Area 1F	8/23/13	
TA-120A	Level 02 Audiovisual Plan - Area 1A	8/23/13	
TA-120B	Level 02 Audiovisual Plan - Area 1B	8/23/13	
TA-120C	Level 02 Audiovisual Plan - Area 1C	8/23/13	
TA-120D	Level 02 Audiovisual Plan - Area 1D	8/23/13	
TA-120E	Level 02 Audiovisual Plan - Area 1E	8/23/13	
TA-120F	Level 02 Audiovisual Plan - Area 1F	8/23/13	
TA-130A	Level 03 Audiovisual Plan - Area 3A	8/23/13	
TA-130B	Level 03 Audiovisual Plan - Area 3B	8/23/13	
TA-130C	Level 03 Audiovisual Plan - Area 3C	8/23/13	
TA-130D	Level 03 Audiovisual Plan - Area 3D	8/23/13	
TA-130E	Level 03 Audiovisual Plan - Area 3E	8/23/13	
TA-130F	Level 03 Audiovisual Plan - Area 3F	8/23/13	
TA-140A	Level 04 Audiovisual Plan - Area 4A	8/23/13	
TA-140B	Level 04 Audiovisual Plan - Area 4B	8/23/13	
TA-140C	Level 04 Audiovisual Plan - Area 4C	8/23/13	
TA-150B	Level 05 Audiovisual Plan - Area 5B	8/23/13	
TA-160B	Level 06 Audiovisual Plan - Area 6B	8/23/13	
TA-160C	Level 06 Audiovisual Plan - Area 6C	8/23/13	
TA-160D	Level 06 Audiovisual Plan - Area 6D	8/23/13	

TA-160E	Level 06 Audiovisual Plan - Area 6E	8/23/13	
TA-160F	Level 06 Audiovisual Plan - Area 6F	8/23/13	
TA-170D	Level 07 Audiovisual Plan - Area 7D	8/23/13	
TA-170E	Level 07 Audiovisual Plan - Area 7E	8/23/13	
TA-170F	Level 07 Audiovisual Plan - Area 7F	8/23/13	
TA-180A	Level 08 Audiovisual Plan - Area 8A	8/23/13	
TA-180B	Level 08 Audiovisual Plan - Area 8B	8/23/13	
TA-180D	Level 08 Audiovisual Plan - Area 8D	8/23/13	
TA-201	Audiovisual Status Board Rooms 01	8/23/13	
TA-202	Audiovisual Status Board Rooms 02	8/23/13	
TA-203	Audiovisual Status Board Rooms 03	8/23/13	
TA-204	Audiovisual Status Board Rooms 04	8/23/13	
TA-205	Audiovisual Status Board Rooms 05	8/23/13	
TA-206	Audiovisual Status Board Rooms 06	8/23/13	
TA-207	Audiovisual Status Board Rooms 07	8/23/13	
TA-208	Audiovisual Status Board Rooms 08	8/23/13	
TA-209	Audiovisual Conference Rooms 01	8/23/13	
TA-210	Audiovisual Conference Rooms 02	8/23/13	
TA-211	Audiovisual Conference Rooms 03	8/23/13	
TA-212	Audiovisual Conference Rooms 04	8/23/13	
TA-213	Audiovisual Conference Rooms 05	8/23/13	
TA-214	Audiovisual Conference Rooms 06	8/23/13	
TA-215	Audiovisual Conference Rooms 07	8/23/13	
TA-216	Audiovisual Conference Rooms 08	8/23/13	
TA-217	Audiovisual Conference Rooms 09	8/23/13	
TA-218	Audiovisual Conference Rooms 10	8/23/13	
TA-219	Audiovisual Conference Rooms 11	8/23/13	
TA-220	Audiovisual Conference Rooms 12	8/23/13	
TA-221	Audiovisual Conference Rooms 13	8/23/13	
TA-222	Audiovisual Staff Lounge Rooms 01	8/23/13	
TA-223	Audiovisual Staff Lounge Rooms 02	8/23/13	
TA-224	Audiovisual Staff Lounge Rooms 03	8/23/13	
TA-225	Audiovisual Staff Lounge Rooms 04	8/23/13	
TA-226	Audiovisual Staff Lounge Rooms 05	8/23/13	
TA-227	Audiovisual Enlarged Plan - Typical Exam Room	8/23/13	
TA-300	Audiovisual Status Board Room Elevations	8/23/13	
TA-301	Audiovisual Staff Lounge Room Elevations	8/23/13	
TA-302	Audiovisual Conference Room Elevations	8/23/13	
TA-500	VTC Room with Projection Video	8/23/13	
TA-501	VTC Room with Projection Audio	8/23/13	
TA-502	VTC Room Video	8/23/13	
TA-503	VTC Divisible VTC Room Audio	8/23/13	
TA-504	Seventh Floor MPR Audio	8/23/13	
TA-505	Seventh Floor MPR Video	8/23/13	
TA-506	VTC Room Video 02	8/23/13	
TA-507	VTC Room Audio	8/23/13	
TA-508	Conference Room without VTC	8/23/13	
TA-509	Single Display Conference Room with Front Projection	8/23/13	
TY-000	Security Cover Page	8/23/13	
TY-101	Security Plan - Level 1	8/23/13	
TY-102	Security Plan - Level 2	8/23/13	
TY-103	Security Plan - Level 3	8/23/13	
TY-104	Security Plan - Level 4	8/23/13	
TY-105	Security Plan - Level 5	8/23/13	
TY-106	Security Plan - Level 6	8/23/13	
TY-107	Security Plan - Level 7	8/23/13	
TY-108	Security Plan - Level 8	9/13/13	Rev. 4
TY-110A	Security Plan - Area 1A	8/23/13	
TY-110B	Security Plan - Area 1B	9/9/13	Rev. 3
TY-110C	Security Plan - Area 1C	8/23/13	
TY-110D	Security Plan - Area 1D	8/23/13	
TY-110E	Security Plan - Area 1E	9/9/13	Rev. 3
TY-110F	Security Plan - Area 1F	9/9/13	Rev. 3
TY-110G	Security Plan - Area 1G	8/23/13	
TY-110H	Security Plan - Area 1H	9/9/13	Rev. 3

TY-120A	Security Plan - Area 2A	8/23/13	
TY-120B	Security Plan - Area 2B	8/23/13	
TY-120C	Security Plan - Area 2C	8/23/13	
TY-120D	Security Plan - Area 2D	9/9/13	Rev. 3
TY-120E	Security Plan - Area 2E	9/9/13	Rev. 3
TY-120F	Security Plan - Area 2F	9/9/13	Rev. 3
TY-120G	Security Plan - Area 2G	8/23/13	
TY-120H	Security Plan - Area 2H	9/9/13	Rev. 3
TY-130A	Security Plan - Area 3A	8/23/13	
TY-130B	Security Plan - Area 3B	8/23/13	
TY-130C	Security Plan - Area 3C	8/23/13	
TY-130D	Security Plan - Area 3D	8/23/13	
TY-130E	Security Plan - Area 3E	9/9/13	Rev. 3
TY-130F	Security Plan - Area 3F	8/23/13	
TY-130G	Security Plan - Area 3G	8/23/13	
TY-130H	Security Plan - Area 3G	9/9/13	Rev. 3
TY-140A	Security Plan - Area 4A	8/23/13	
TY-140B	Security Plan - Area 4B	9/9/13	Rev. 3
TY-140C	Security Plan - Area 4C	8/23/13	
TY-140D	Security Plan - Area 4D	9/9/13	Rev. 3
TY-140E	Security Plan - Area 4E	9/9/13	Rev. 3
TY-140F	Security Plan - Area 4F	8/23/13	
TY-150A	Security Plan - Area 5A	8/23/13	
TY-150B	Security Plan - Area 5B	8/23/13	
TY-150C	Security Plan - Area 5C	8/23/13	
TY-150D	Security Plan - Area 5D	8/23/13	
TY-150E	Security Plan - Area 5E	8/23/13	
TY-150F	Security Plan - Area 5F	8/23/13	
TY-160A	Security Plan - Area 6A	8/23/13	
TY-160B	Security Plan - Area 6B	8/23/13	
TY-160C	Security Plan - Area 6C	8/23/13	
TY-160D	Security Plan - Area 6D	9/9/13	Rev. 3
TY-160E	Security Plan - Area 6E	9/9/13	Rev. 3
TY-160F	Security Plan - Area 6F	8/23/13	
TY-170A	Security Plan - Area 7A	8/23/13	
TY-170B	Security Plan - Area 7B	8/23/13	
TY-170C	Security Plan - Area 7C	8/23/13	
TY-170D	Security Plan - Area 7D	8/23/13	
TY-170E	Security Plan - Area 7E	9/9/13	Rev. 3
TY-170F	Security Plan - Area 7F	9/9/13	Rev. 3
TY-180A	Security Plan - Area 8A	8/23/13	
TY-180B	Security Plan - Area 8B	9/13/13	Rev. 4
TY-180C	Security Plan - Area 8C	9/13/13	Rev. 4
TY-180D	Security Plan - Area 8D	8/23/13	
TY-180E	Security Plan - Area 8E	9/13/13	Rev. 4
TY-180F	Security Plan - Area 8F	9/13/13	Rev. 4
TY-210	Security Enlarged Plan - IDF Level 1-4	8/23/13	
TY-220	Security Enlarged Plan - IDF Level 5-8	8/23/13	
TY-301	Security Pathway Riser	8/23/13	
TY-302	Security Infrastructure Riser	9/18/13	Rev. 5
TY-304	Security Video Surveillance Device Riser	8/23/13	
TY-401	Security Detail Sheet	9/9/13	Rev. 3
TY-501A	Security Access Control Schedule 1	9/9/13	Rev. 3
TY-501B	Security Access Control Schedule 2	9/9/13	Rev. 3
TY-501C	Security Access Control Schedule 3	8/23/13	
TY-502A	Security Video Surveillance Schedule 1	8/23/13	
TY-502B	Security Video Surveillance Schedule 2	8/23/13	
TT-000	Telecom Cover Page	8/23/13	
TT-101	Telecom Level 01 Overall Floor Plan	9/9/13	Rev. 3
TT-102	Telecom Level 02 Overall Floor Plan	9/9/13	Rev. 3
TT-103	Telecom Level 03 Overall Floor Plan	9/9/13	Rev. 3
TT-104	Telecom Level 04 Overall Floor Plan	9/9/13	Rev. 3
TT-105	Telecom Level 05 Overall Floor Plan	9/9/13	Rev. 3
TT-106	Telecom Level 06 Overall Floor Plan	9/9/13	Rev. 3
TT-107	Telecom Level 07 Overall Floor Plan	9/9/13	Rev. 3

TT-108	Telecom Level 08 Overall Floor Plan	9/13/13	Rev. 4
TT-110A	Level 01 Telecom Plan - Area 1A	9/9/13	Rev. 3
TT-110B	Level 01 Telecom Plan - Area 1B	9/18/13	Rev. 5
TT-110C	Level 01 Telecom Plan - Area 1C	9/9/13	Rev. 3
TT-110D	Level 01 Telecom Plan - Area 1D	9/9/13	Rev. 3
TT-110E	Level 01 Telecom Plan - Area 1E	9/18/13	Rev. 5
TT-110F	Level 01 Telecom Plan - Area 1F	9/9/13	Rev. 3
TT-110G	Level 01 Telecom Plan - Area 1G	9/9/13	Rev. 3
TT-120A	Level 02 Telecom Plan - Area 2A	9/9/13	Rev. 3
TT-120B	Level 02 Telecom Plan - Area 2B	9/9/13	Rev. 3
TT-120C	Level 02 Telecom Plan - Area 2C	9/9/13	Rev. 3
TT-120D	Level 02 Telecom Plan - Area 2D	9/9/13	Rev. 3
TT-120E	Level 02 Telecom Plan - Area 2E	9/9/13	Rev. 3
TT-120F	Level 02 Telecom Plan - Area 2F	9/9/13	Rev. 3
TT-130A	Level 03 Telecom Plan - Area 3A	9/9/13	Rev. 3
TT-130B	Level 03 Telecom Plan - Area 3B	9/9/13	Rev. 3
TT-130C	Level 03 Telecom Plan - Area 3C	9/9/13	Rev. 3
TT-130D	Level 03 Telecom Plan - Area 3D	9/9/13	Rev. 3
TT-130E	Level 03 Telecom Plan - Area 3E	9/9/13	Rev. 3
TT-130F	Level 03 Telecom Plan - Area 3F	9/9/13	Rev. 3
TT-140A	Level 04 Telecom Plan - Area 4A	9/9/13	Rev. 3
TT-140B	Level 04 Telecom Plan - Area 4B	9/9/13	Rev. 3
TT-140C	Level 04 Telecom Plan - Area 4C	9/9/13	Rev. 3
TT-140D	Level 04 Telecom Plan - Area 4D	9/9/13	Rev. 3
TT-140E	Level 04 Telecom Plan - Area 4E	9/9/13	Rev. 3
TT-140F	Level 04 Telecom Plan - Area 4F	9/9/13	Rev. 3
TT-150A	Level 05 Telecom Plan - Area 5A	9/9/13	Rev. 3
TT-150B	Level 05 Telecom Plan - Area 5B	9/9/13	Rev. 3
TT-150C	Level 05 Telecom Plan - Area 5C	9/9/13	Rev. 3
TT-150D	Level 05 Telecom Plan - Area 5D	9/9/13	Rev. 3
TT-150E	Level 05 Telecom Plan - Area 5E	9/9/13	Rev. 3
TT-150F	Level 05 Telecom Plan - Area 5F	9/9/13	Rev. 3
TT-160A	Level 06 Telecom Plan - Area 6A	9/9/13	Rev. 3
TT-160B	Level 06 Telecom Plan - Area 6B	9/9/13	Rev. 3
TT-160C	Level 06 Telecom Plan - Area 6C	9/9/13	Rev. 3
TT-160D	Level 06 Telecom Plan - Area 6D	9/9/13	Rev. 3
TT-160E	Level 06 Telecom Plan - Area 6E	9/9/13	Rev. 3
TT-160F	Level 06 Telecom Plan - Area 6F	9/9/13	Rev. 3
TT-170A	Level 07 Telecom Plan - Area 7A	9/9/13	Rev. 3
TT-170B	Level 07 Telecom Plan - Area 7B	9/9/13	Rev. 3
TT-170C	Level 07 Telecom Plan - Area 7C	9/9/13	Rev. 3
TT-170D	Level 07 Telecom Plan - Area 7D	9/9/13	Rev. 3
TT-170E	Level 07 Telecom Plan - Area 7E	9/9/13	Rev. 3
TT-170F	Level 07 Telecom Plan - Area 7F	9/9/13	Rev. 3
TT-180A	Level 08 Telecom Plan - Area 8A	9/9/13	Rev. 3
TT-180B	Level 08 Telecom Plan - Area 8B	9/13/13	Rev. 4
TT-180C	Level 08 Telecom Plan - Area 8C	9/13/13	Rev. 4
TT-180D	Level 08 Telecom Plan - Area 8D	9/9/13	Rev. 3
TT-180E	Level 08 Telecom Plan - Area 8E	9/13/13	Rev. 4
TT-180F	Level 08 Telecom Plan - Area 8F	9/13/13	Rev. 4
TT-201	Level 01 MDF Details	9/18/13	Rev. 5
TT-202	Telecom 1st Floor IDF - 1A Details	9/18/13	Rev. 5
TT-203	Telecom 2nd Floor IDF - 2A Details	9/18/13	Rev. 5
TT-204	Telecom 2nd Floor IDF - 2B Details	9/18/13	Rev. 5
TT-205	Telecom 3rd Floor IDF - 3A Details	9/18/13	Rev. 5
TT-206	Telecom 3rd Floor IDF - 3B Details	9/18/13	Rev. 5
TT-207	Telecom 4th Floor IDF - 4A Details	9/18/13	Rev. 5
TT-208	Telecom 4th Floor IDF - 4B Details	9/18/13	Rev. 5
TT-209	Telecom 5th Floor IDF - 5A Details	9/18/13	Rev. 5
TT-210	Telecom 5th Floor IDF - 5B Details	9/18/13	Rev. 5
TT-211	Telecom 6th Floor IDF - 6A Details	9/18/13	Rev. 5
TT-212	Telecom 6th Floor IDF - 6B Details	9/18/13	Rev. 5
TT-213	Telecom 7th Floor IDF - 7A Details	9/18/13	Rev. 5
TT-214	Telecom 7th Floor IDF - 7B Details	9/18/13	Rev. 5
TT-215	Telecom 8th Floor IDF - 8A Details	9/18/13	Rev. 5

TT-216	Telecom 8th Floor IDF - 8B Details	9/18/13	Rev. 5
TT-217	Telecom MDF Rack Elevations	9/18/13	Rev. 5
TT-301	Telecom Riser Pathway Diagram	9/18/13	Rev. 5
TT-302	Telecom Riser Cabling Diagram	9/9/13	Rev. 3
TT-303	Nurse Call Device Diagram	9/9/13	Rev. 3
TT-401	Telecom Detail - Outlets	9/9/13	Rev. 3
TT-402	Telecom Detail - Outlets	8/23/13	
TT-403	Telecom Detail - Cable Tray and 2 Post Rack	8/23/13	
VOLUME 1 SPECIFICATIONS			
Procurement and Contracting Requirements			
00 11 16	Invitation to Bid	8/23/13	
00 21 19	Notice to Bidders	8/23/13	
00 40 13	Bid Proposal Forms	8/23/13	
00 40 14	Affidavits, Notices and Certifications	8/23/13	
00 40 15	DAS Pre-qualification Forms	8/23/13	
00 43 16	Standard Bid Bond	8/23/13	
00 52 73	Construction Manager/Trade Contractor Agreement	8/23/13	
	Exhibit B Contract Document List		Add 1
	Exhibit C Project Schedule		
	Exhibit D Site Logistics Plan		
	Exhibit E Project Specific Requirements		Add 1
	Exhibit F Project Safety Rules and Regulations The University of Connecticut Health Center Environmental, Health, and Safety (EHS) Policies, Regulations and Rules		
	Exhibit G Billing Forms/Instructions Including Progress and Final Payment Waivers/Releases		
	Exhibit H Bond Forms		
	Exhibit I Insurance Requirements		Add 1
	Exhibit J Design Build Rider		
	Exhibit K State Specific Rider		
	Exhibit L Other Exhibits		
00 52 76	AIA Document A133: Standard Form of Agreement Between Owner and Construction Manager	8/23/13	
00 72 00	AIA Document A201: General Conditions of the Contract for Construction	8/23/13	
00 73 38	Commission on Human Rights and Opportunities/Contract Compliance Regulations	9/4/13	Add 1
00 73 53	Employment Forms to be Submitted After Bid Opening	8/23/13	
00 92 10	Additional Forms to be Submitted After Construction Manager/Trade Contractor Contract Execution	8/23/13	
00 92 20	Executive Orders	8/23/13	
Division 01 - General Requirements			
01 12 00	Summary	8/23/13	
01 22 00	Unit Prices	8/23/13	
01 23 00	Alternates	8/23/13	
01 26 13	Requests for Interpretations	8/23/13	
01 33 00	Submittal Procedures	8/23/13	
01 42 00	References	8/23/13	
01 81 13	Sustainable Design Requirements	8/23/13	
01 91 00	General Commissioning Requirements	8/23/13	
01 91 10	Functional Performance Testing (FPT) Procedures	8/23/13	
Division 03 - Concrete			
03 30 00	Cast-In-Place Concrete	8/23/13	
Division 05 - Metals			
05 12 00	Structural Steel Framing	8/23/13	
05 50 00	Metal Fabrications	8/23/13	
05 73 00	Decorative Metal Railings	8/23/13	
05 75 00	Decorative Formed Metal	8/23/13	
Division 06 - Wood, Plastics, and Composites			
06 10 00	Rough Carpentry	8/23/13	
06 40 23	Interior Architectural Woodwork	8/23/13	
06 64 00	Plastic Paneling	8/23/13	
Division 07 - Thermal and Moisture Protection			
07 81 00	Applied Fireproofing	8/23/13	
07 84 13	Penetration Firestopping	8/23/13	

07 92 00	Joint Sealing	8/23/13	
Division 08 - Openings			
08 11 13	Hollow Metal Doors and Frames	8/23/13	
08 11 19	Stainless Steel Doors and Frames	8/23/13	
08 14 16	Flush Wood Doors	8/23/13	
08 31 13	Access Doors and Frames	8/23/13	
08 34 73	Sound Control Door Assemblies	8/23/13	
08 41 26	All Glass Entrances and Storefronts	8/23/13	
08 42 43	Intensive Care Unit/Critical Care Unit (ICU/CCU) Entrances	8/23/13	
08 71 00	Door Hardware	8/23/13	
08 71 13	Automatic Door Operators	8/23/13	
08 80 00	Glazing	8/23/13	
Division 09 - Finishes			
09 21 16	Gypsum Board Assemblies	8/23/13	
09 26 26	Decorative Resin Veneer Plaster	8/23/13	
09 30 00	Tiling	8/23/13	
09 51 13	Acoustical Panel Ceilings	8/23/13	
09 65 00	Resilient Flooring	8/23/13	
09 66 23	Resinous Matrix Terrazzo Flooring	8/23/13	
09 67 23	Resinous Flooring	8/23/13	
09 68 00	Carpet Tile	8/23/13	
09 72 00	Vinyl Wall Covering	8/23/13	
09 91 00	Painting	8/23/13	
Division 10 - Specialties			
10 11 00	Visual Display Surfaces	8/23/13	
10 14 00	Signage	8/23/13	
10 21 13	Toilet Compartments	8/23/13	
10 21 23	Cubicle Curtains and Track	8/23/13	
10 22 26	Operable Panel Partitions	8/23/13	
10 22 39	Vertical Lift Partitions	8/23/13	
10 26 00	Wall and Corner Protection	8/23/13	
10 28 00	Toilet and Bath Accessories	8/23/13	
10 44 00	Fire Protection Specialties	8/23/13	
10 45 00	Protection Device Covers	8/23/13	
10 51 16	Wood Lockers	8/23/13	
10 56 13	Metal Storage Shelving	8/23/13	
Division 11 - Equipment			
11 40 13	Appliances	8/23/13	
11 52 00	Audiovisual Systems and Equipment	8/23/13	
11 70 00	Medical Equipment	8/23/13	
11 73 14	Patient Life Equipment	8/23/13	
Division 12 - Furnishings			
12 11 13	Graphic Panels	8/23/13	
12 24 13	Roller Window Shades	8/23/13	
12 35 53	Metal Laboratory Casework	8/23/13	
12 48 10	Entrance Floor Walk-Off Systems	8/23/13	
12 93 00	Site Furnishings	8/23/13	
Division 13 - Special Construction			
13 49 00	Radiation Protection	8/23/13	
13 49 23	AC ELF Electromagnetic Shielding	8/23/13	
Division 21 - Fire Suppression			
21 05 00	Basic Fire Protection Materials and Methods	8/23/13	
21 05 10	3D Building Information Modeling	8/23/13	
21 05 84	Through-Penetration Firestop Systems	8/23/13	
21 10 00	Fire Protection	8/23/13	
Division 22 - Plumbing			
22 05 00	Basic Plumbing Materials and Methods	8/23/13	
22 05 10	3D Building Information Modeling	8/23/13	
22 05 29	Hangers and Supports	8/23/13	
22 05 48	Plumbing Vibration Controls	8/23/13	
22 05 53	Plumbing Identification	8/23/13	
22 05 84	Through-Penetration Firestop Systems	8/23/13	
22 90 00	Plumbing System Commissioning	8/23/13	
22 11 10	Plumbing Valves	8/23/13	
22 11 20	Plumbing Distribution Piping	8/23/13	

22 11 30	Drainage and Vent Piping	8/23/13	
22 11 40	Plumbing Specialties	8/23/13	
22 30 00	Plumbing Equipment	8/23/13	
22 40 00	Plumbing Fixtures	8/23/13	
22 70 00	Medical Plumbing Systems	8/23/13	
VOLUME 2 SPECIFICATIONS			
Division 23 - Heating, Ventilating, and Air Conditioning			
23 05 00	Basic Mechanical Materials and Methods	8/23/13	
23 05 10	3D Building Information Modeling	8/23/13	
23 05 13	Motors and Controllers	8/23/13	
23 05 14	Variable Frequency Drives	8/23/13	
23 05 16	Pipe Expansion	8/23/13	
23 05 19.20	Hydronic Piping Specialties	8/23/13	
23 05 23	HVAC Valves and Strainers	8/23/13	
23 05 29	Hangers and Supports	8/23/13	
23 05 48	Mechanical Vibration Controls	8/23/13	
23 05 53	Mechanical Identification	8/23/13	
23 05 93	Testing, Adjusting, and Balancing	8/23/13	
23 07 13	Duct Insulation	8/23/13	
23 07 16	Equipment Insulation	8/23/13	
23 07 19	HVAC Piping Insulation	8/23/13	
23 08 00	Mechanical System Commissioning	8/23/13	
23 20 00	HVAC Piping and Joints	8/23/13	
23 25 00	Chemical Water Treatment	8/23/13	
23 31 00	Sheet Metal Work and Accessories	8/23/13	
23 33 19	Sound Attenuators	8/23/13	
23 33 63	Air Flow Measuring Stations	8/23/13	
23 36 00	Air Terminal Boxes	8/23/13	
23 37 00	Registers, Grilles, and Diffusers	8/23/13	
23 37 23	Roof Accessories	8/23/13	
23 39 00	Fans and Accessories	8/23/13	
23 41 00	Filters	8/23/13	
23 57 20.10	Closed Loop Packaged Water Chillers -Outdoor Air-Cooled for Critical Air Handling Equipment	8/23/13	
23 81 23	Computer Room Air Conditioning Units	8/23/13	
23 82 16	Coils	8/23/13	
23 82 35	Terminal Heat Transfer Units	8/23/13	
23 89 00	Steam Humidifiers	8/23/13	
23 90 00	HVAC Specialties	8/23/13	
Division 25 - Integrated Automation			
25 05 00	Basic Materials and Methods	8/23/13	
25 06 30	Schedules	8/23/13	
23 09 01	Building Automation System (BAS) Commissioning	8/23/13	
25 10 00	Direct Digital/Automatic Temperature Controls	8/23/13	
25 35 23	DDC CFM Tracking Terminal Boxes (VAV, VCV, CV, VVE, CVE, Designations)	8/23/13	
25 50 00	Instrumentation Terminal Devices	8/23/13	
25 90 00	Sequences of Operation	8/23/13	
Division 26 - Electrical			
26 05 10	Electrical Special Conditions	9/18/13	Rev. 5
26 05 20	Basic Materials and Methods	9/18/13	Rev. 5
26 05 30	Wiring Methods	9/18/13	Rev. 5
26 05 48	Vibration Controls for Electrical Systems	8/23/13	
26 05 70	Power System Studies	9/18/13	Rev. 5
26 05 80	Electrical Acceptance Tests	8/23/13	
26 05 84	Through-Penetration Firestop Systems	8/23/13	
26 90 00	Electrical System Commissioning	8/23/13	
26 20 10	Low Voltage Distribution	9/18/13	Rev. 5
26 20 20	Isolated Power Systems	8/23/13	
26 50 10	Lighting Fixtures	9/18/13	Rev. 5
Division 27 - Communications			
27 05 26	Grounding and Bonding for Communications Systems	8/23/13	
27 05 29	Hangers and Supports for Communications Systems	8/23/13	
27 05 36	Cable Trays for Communications Systems	8/23/13	
27 05 53	Identification for Communications Systems	8/23/13	
27 08 00	Commissioning of Communications	8/23/13	

27 10 00	Structured Cabling	8/23/13	
27 11 16	Communications Cabinets, Racks, Frames, and Enclosures	8/23/13	
27 11 19	Communications Termination Blocks and Patch Panels	8/23/13	
27 11 23	Communications Cable Management and Ladder Rack	8/23/13	
27 11 26	Communications Rack Mounted Power Protection and Power Strips	8/23/13	
27 13 23	Communications Optical Fiber Backbone Cabling	8/23/13	
27 13 24	Communications Optical Fiber Splicing and Terminations	8/23/13	
27 13 34	Communications Coaxial Splicing and Terminations	8/23/13	
27 15 13	Communications Copper Horizontal Cabling	8/23/13	
27 15 33	Communications Coaxial Horizontal Cabling	8/23/13	
27 15 43	Communications Faceplates and Connectors	8/23/13	
27 16 19	Communications Patch Cords, Station Cords, and Cross Connect Wire	8/23/13	
27 41 16	Audiovisual Systems and Equipment	8/23/13	
27 51 00	Distributed Audio-Video Communications Systems (AV Raceway)	8/23/13	
27 52 23	Nurse Call - Code Blue Systems	8/23/13	
Division 28 - Electronic Safety and Security			
28 00 00	Electronic Safety and Security	8/23/13	
28 13 00	Access Control	8/23/13	
28 13 26	Access Control Field Devices	8/23/13	
28 13 33	Access Control System Interfaces	8/23/13	
28 23 00	Video Surveillance	8/23/13	
28 23 29	Video Surveillance Field Devices	8/23/13	
28 31 10	Fire Alarm System	8/23/13	
Division 32 - Exterior Improvements			
32 93 00	Plants	8/23/13	

Activity ID	Activity Name	Dur	Rem Dur	Start	Finish	2013												2014											
						Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec					
Preconstruction																													
Construction Documents																													
P110	Issue 90% CD Documents	0	0	08/13/13																									
P108	Issue 100% CD Documents	0	0	08/21/13																									
Design Development (DD) - Budget/VE/Review																													
P200	75% DD - Budget Development	15	6	06/18/13 A	07/09/13																								
P202	75% DD - Constructability Review	15	6	06/18/13 A	07/09/13																								
P204	75% DD - Value Engineering Proposals	15	6	06/18/13 A	07/09/13																								
P206	75% DD - Budget Reconciliation	5	5	07/10/13	07/16/13																								
Underground MEP's																													
P306	Underground MEP's - Bid Underground MEP's	11	9	06/27/13 A	07/12/13																								
P316	Underground MEP's - Bids Due	0	0		07/12/13																								
P318	Underground MEP's - Scope Reviews	5	5	07/15/13	07/19/13																								
P314	Underground MEP's - Submit Cost to UCHC	0	0	07/23/13																									
P320	Underground MEP's - UCHC NTP Underground MEP's	0	0	07/25/13																									
Subcontractor Prequalification																													
P600	Advertise for Prequalification & Receive Submissions	17	17	07/08/13*	07/30/13																								
P602	DCC Review Prequalification Applications	5	5	07/31/13	08/06/13																								
P604	UCONN Reviv Prequalification Applications	3	3	08/07/13	08/09/13																								
P606	Define Approved Prequalified Sub List	1	1	08/12/13	08/12/13																								
Construction Documents GMP Development																													
P400	Develop Scopes/Bid Doc Pkgs (from 90% Docs)	9	9	08/13/13	08/23/13																								
P404	Finalize All Bid Documents for Bidding	9	9	08/13/13	08/23/13																								
P406	Trade Bidding Period	24	24	08/26/13	09/27/13																								
P412	Finalize Addenda & RFI to Trades	10	10	09/06/13	09/19/13																								
P410	RFI Deadline for Trades	0	0		09/11/13																								
P416	Receive Bids (1st Group of Pkgs)	0	0		09/27/13																								
P418	Scope Review Meetings (1st Group of Pkgs)	7	7	09/30/13	10/08/13																								
P420	Submit GMP For Approval & Sub LOR's (1st Group of P...	4	4	10/10/13	10/15/13																								
P430	Receive Bids (2nd Group of Pkgs)	0	0		10/15/13*																								
P422	Notice to Proceed (1st Group of Pkgs)	0	0	10/16/13																									
P431	Scope Review Meetings (2nd Group of Pkgs)	3	3	10/16/13	10/18/13																								
P432	Submit GMP For Approval & Sub LOR's (2nd Group of ...	4	4	10/22/13	10/25/13																								
P433	Notice to Proceed (2nd Group of Pkgs)	0	0	10/28/13																									
Construction																													
Core & Shell Milestones																													
MS01	ACC - Release Start of Tenant MEP Underground	0	0	07/30/13*																									
MS21	ACC - Complete Spray Fireproofing	0	0	09/17/13*																									
MS17	ACC - Building Weathertight	0	0	12/03/13*																									
MS13	ACC - Turnover Initial Floor for Fit Out	0	0	12/19/13																									
MS15	ACC - Turnover Last Floor for Fit Out	0	0	04/10/14																									



**UCONN
ACC FIT OUT
PROPOSED SCHEDULE**

DATA DATE : 07/01/13

RUN DATE : 09/18/13

Schedule ID

527-12F-1

Exhibit E

Project Specific Requirements

UCHC Interior Fit-Out

Dimeo Job No. 527-12

TABLE OF CONTENTS

1.	Schedule.....
2.	Submittals, Shop Drawings, Product Data & Samples.....
3.	Substitutions.....
4.	Requests for Information (RFI's).....
5.	Change Management
6.	Time and Material Requirements.....
7.	Trade Labor
8.	Rental Rates
9.	Communications
10.	Coordination Drawings and Building Information Models.....
11.	Foreman and Key Personnel.....
12.	Use of Site.....
13.	Cutting and Patching.....
14.	Site Utilization / Logistics
15.	Quality Assurance and Control Program
16.	Testing and Inspection
17.	Protection of Work.....
18.	Temporary Construction and Services
19.	Project Meetings
20.	Drug Testing
21.	Project Close-Out.....
22.	Parking and Project Access.....
23.	Project Hours
24.	Minority Local and Apprenticeship Hiring Requirements
25.	Engineering and Layout.....
26.	Daily Reports
27.	Project Labor Agreement.....
28.	Sustainable Construction Practices and LEED Compliance.....
29.	Applicable Forms/Reports
30.	Project Safety Requirements.....

Article 1: Schedule

- 1.1 The Trade Contractor/Subcontractor must review the project schedule requirements with the Project Manager and Superintendent for items such as schedule breakdown, identification of safety, QA/QC compliance, commissioning, and BIM Coordination along with project logistics. An initial schedule from the Trade Contractor/Subcontractor, which must be in accordance with Dimeo's project schedule, must be provided by the Trade Contractor/Subcontractor to Dimeo's designated Project Manager no later than fifteen (15) days after the award of the Trade Contract.
- 1.2 The Trade Contractor/Subcontractor is responsible to provide weekly updates for each material or equipment item until such time as it is delivered. The updates must be submitted with the requisition. Failure to submit updates may be the basis for withholding payments at the discretion of the Project Manager.
- 1.3 The Trade Contractor/Subcontractor must provide detailed analysis of the required resources, material, equipment, personnel, labor craft, and required logistics associated with all activities.
- 1.4 The schedule shall indicate dates for starting and completing all required activities inclusive of placing materials orders, material and equipment delivery, submission of shop drawings, safety, QA/QC, close-out and turnover. All work activities must be in sufficient detail of not greater than ten (10) days duration per activity unless authorized by the Construction Manager.
- 1.5 The Trade Contractor/Subcontractor is required to attend progress meetings at least weekly to address the schedule and associated status, update, and required recovery as deemed necessary by the Construction Manager.
- 1.6 In the event of a delay, the Trade Contractor/Subcontractor is responsible to provide a detailed recovery plan and schedule within five (5) business days clearly identifying the methodology and logic to recover any lost time.
- 1.7 All costs for overtime and/or shift work premium time as necessary to maintain the durations on the Dimeo project schedule are included. Proper management, manpower, equipment and hours required to achieve the contract schedule is included. Average weather conditions as defined by NOAA are included within the durations contained in the Project Schedule. Testing and inspections are included within the durations contained in the Project Schedule.
- 1.8 All time to perform all activities required by the Trade Contractor/Subcontractor's scope of work, regardless of whether or not that activity is specifically shown on the schedule, is included.

- 1.9 All references to schedule requirements herein shall mean a resource loaded schedule which is a requirement for this project. The Trade Contractor/Subcontractor is required to submit a resource loaded schedule which includes all manpower and equipment required to maintain the schedule durations. The total man-hours within the resource loaded schedule must match the projected man-hours provided in any OCIP documentation if applicable.
- 1.10 Escalation Costs – All trade contractors are responsible for all escalation costs for materials and equipment and any and all increases to wages, prevailing wage rates, and/or union agreements for the duration of the project.

Article 2: Submittals, Shop Drawings, Product Data, Samples and Mock-Ups

- 2.1 The Trade Contractor/Subcontractor must develop a schedule of all required submittals, including how submittals will be broken down into packages, within fourteen (14) days of contract award.
- 2.2 The Trade Contractor/Subcontractor must provide a Submittal Schedule clearly identifying each submittal and duration along with the associated process for submittal development and approvals, re-submittals, fabrication and delivery. The submittal schedule shall be of sufficient detail to clearly identify requirements of any related information not part of the Contract Documents such as field verification of existing conditions, information from the other related shop drawings, or prepayment for placing material orders, etc., so that the submittal schedule is consistent with the project schedule and will cause no delay in the work or in the work of any other contractor.
- 2.3 The Trade Contractor/Subcontractor must provide a Material/Equipment Status Report (form enclosed) identifying all materials and equipment to be provided along with pertinent information relative to lead time durations for fabrication; delivery sequence and durations; whether field dimensioning is required prior to fabrication; special openings required for installation; identification of color selections required prior to fabrication; etc... along with installation crew sizing and durations for each material/equipment item.
- 2.4 No portion of the work for which a submittal is required shall be fabricated, manufactured or constructed, until the Architect/Design Team has approved the respective submittal.
- 2.5 If professional design services or certifications by a design professional related to systems, materials, or equipment are specifically required by the Contract Documents the basis of design shall be clearly stated and must be certified by an individual licensed in the State that the project is located. The design professional will also be required to provide an affidavit that the work has been performed in accordance with his design.
- 2.6 Presentation of a submittal by any person or entity for review shall constitute a representation that such person or entity has examined all materials, field measurements and field construction criteria related to the submittal and that it has been checked for

accuracy and coordination. Any deviation from the Contract Documents must be conspicuously identified. Field measurements required for fabrication must be identified within the submittal as well.

- 2.7 The Construction Manager will review such submittals with reasonable promptness checking only for the completeness and conformance with the Contract Documents. Incomplete submittals will be returned to the Trade Contractor/Subcontractor for re-submittal. Any delays caused by incomplete submittals will be the responsibility of the Trade Contractor/Subcontractor. The Construction Manager will forward the submittals to the Architect/Engineer for review and approval.
- 2.8 Approval of the Trade Contractor/Subcontractor's submittals does not constitute a complete check and the Trade Contractor/Subcontractor is solely responsible to meet the requirements of the Contract Documents.
- 2.9 The Trade Contractor/Subcontractor is responsible to ensure that only "Approved" copies of the shop drawings bearing approval of the Architect/Design Team are allowed on the project.
- 2.10 All submittals shall be transmitted via electronic files and shall be uploaded to the Box.net account. The Dimeo PM will provide the account information upon contract award. The submittals shall be submitted to the Construction Manager and shall include:
 1. Date and revision dates
 2. Name of the Project
 3. Names of the following:
 - a. Submitting Trade Contractor/Subcontractor, lower tier subcontractor, supplier, manufacturer, fabricator, or processor
 - b. Preparer of the submittal
 - c. Separate detailer
 4. Number of submittal (system by Construction Manager)
 5. Product or material identification
 6. Required field dimensions
 7. Specification section number and paragraph
 8. Applicable standards such as ASTM
 9. Identification of any deviations from Contract Documents
 10. Identification of any required special openings
 11. Lead time and Anticipated install date
 12. Other pertinent data.
- 2.11 Shop Drawings submittals to the Construction Manager shall be submitted in the following formats and quantities:

Format: Electronic file: PDF, Drawing or CADD at the direction of the Construction Manager as may be applicable to the submittal.

- Copies: Provide eight (8) hard copies for Architect's/Engineer's review unless submitted electronically
- Samples: Provide three (3) samples for review. Properly label samples to indicate material type, intended use and manufacturer, specification section.
- 2.12 Shop Drawings shall show the design, dimension and connections to adjoining work in such detail as necessary to demonstrate proper connections and coordination with said adjoining work.
- 2.13 Manufacturers' catalog numbers alone are not acceptable as sufficient information or compliance with a requirement to provide Product Data.
- 2.14 Samples and their transmittal letters shall be labeled, tagged or clearly identified, leaving sufficient clear space for the Construction Manager's and the Architect's stamps, and shall identify the trade designation and the grade or quality of the material or products.
- 2.15 In the event that a range of variations in textures, graining, color or other characteristics may be anticipated in finished materials, assemblies or elements of the Work, a sufficient number of Samples of such materials must be submitted to indicate the full range of characteristics that will be present in the materials proposed for the Work. Any such materials delivered or erected prior to approval of full range Samples shall be subject to rejection.
- 2.16 After review by the Architect or Engineer, the Construction Manager will return the submittals which will have been stamped with the following:
1. "No Exception Taken" means that fabrication, manufacture or construction may proceed in accordance with the Contract Documents.
 2. "Make Corrections Noted" means that fabrication, manufacture or construction may proceed in accordance with the Architect's notations and the contract Documents. If, for any reason, the submitting entity cannot comply with the notations, they shall resubmit as described for Submittals stamped "Revise and Resubmit".
 3. "Make Corrections Noted, Resubmit for the Record" means that fabrication, manufacturer or construction may proceed in accordance with the Architect's notations and the Contract Documents, and the submitting entity shall revise the Submittal for the record as noted. If, for any reason, the submitting entity cannot comply with the notations, they shall resubmit as described for Submittals stamped "revise and Resubmit".
 4. "Revise and Resubmit" means that fabrication, manufacturer or construction shall not proceed on the Submittal, and the submitting entity shall revise the Submittal until final acceptance is obtained. No Submittals stamped "Revised and Resubmit" shall be utilized for construction.
 5. "Rejected" means that the Submittal is not in conformance with the design concept and does not comply with the Contract Documents. Fabrication,

manufacture or construction shall not proceed, and the submitting entity shall revise the Submittal until final acceptance is obtained. No Submittals stamped “Rejected” shall be utilized to place work on the Project Site.

6. “No Action Required” means the Submittal is not required and is for the Architect’s information and record only.
- 2.17 Monthly submittal, for review by Dimeo, of all as-built drawings will be required. This requirement will be directly tied into the release of regular progress payments.
 - 2.18 Mock-Ups as required by the Contract Documents, the Trade Contractor/Subcontractor is responsible to provide submittals, engineering, coordination, construction and removal of the mock-ups in a timely manner so as not to delay the construction schedule. Trade Contractors./Subcontractors shall provide a schedule outlining the mock-up activities to the Construction Manager for approval.

Article 3: Substitutions

- 3.1 The products, materials and equipment referenced in the Contract Documents are intended to establish the standard of quality and design required by the Architect. When the specification of a named product, material or equipment permits an approved equal, proposed Substitutions may be submitted provided that:
 1. The contract price shall be responsive as to specified products, materials and equipment and, if they contain proposed Substitutions, shall separately and conspicuously identify each proposed Substitution Alternate;
 2. The Trade Contractor/Subcontractor proposing a Substitution bears the burden of proving that the proposed Substitution meets the essential characteristics of the specified products, materials or equipment and can be implemented, assuming a reasonable time for review and consideration by the Architect within the Schedule. The Schedule shall not be extended by reason of a proposed Substitution;
 3. After review the Architect, Construction Manager or the Owner may accept or reject proposed Substitutions at their sole discretion.
 4. In addition to the above, the Trade Contractor shall furnish all required documentation referenced in the Contract Documents relative to product substitutions.
 5. In the event a substitution is accepted, the Trade Contractor/Subcontractor is fully responsible for any resultant costs from associated work of this Trade Contractor/Subcontractor and/or any other Trade Contractors/Subcontractors.

Article 4: Requests for Information (RFI's)

- 4.1 Trade Contractor/Subcontractor must document all questions regarding clarifications to the Contract Documents through the RFI process in an electronic PDF format and hard copy on

a form provided by the Construction Manager. The Construction Manager will review and submit the RFI to the Architect/Engineer. Upon receipt of the answered RFI the Construction Manager will forward to the Trade Contractor/Subcontractor.

- 4.2 The Trade Contractor/Subcontractor is responsible to review the Contract Documents to eliminate RFI requests which are clearly identified within the Contract Documents.
- 4.3 The Trade Contractor/Subcontractor is responsible to initiate RFI's in a proactive and anticipatory manner to allow reasonable time to respond so as not to delay the project.
- 4.4 The Trade Contractor/Subcontractor, upon receipt of a response to an RFI which would create a potential increase or decrease in cost or time to the project, shall notify the Construction Manager immediately and in no event no more than two (2) business days and shall not proceed with the work until directed to do so by the Construction Manager.

Article 5: Change Management / Contract Amendments

- 5.1 In the event that Labor Rates have not been identified within the Trade Contract Agreement, the Trade Contractor/Subcontractor immediately upon award of the contract shall submit on a form as provided for the specific project, confirmation of the applicable labor rates that are consistent with the contract terms and conditions. The allowable labor rate will be limited to cost plus mark-up as indicated in Item No. 5.2 herein. Trade Contractor Labor Rates are subject to the review and approval of the Construction Manager.
- 5.2 Reference Exhibit A. In the absence of identified language contained in the contract documents, the following calculation for applicable mark-up on overhead, profit, bonds and permits will be as follows:

Subcontractor Combined Overhead and Profit Markup Table:	
Subcontractor markup on self-performed work	10%
Subcontractor markup on first tier sub-subcontractor work	5%
Sub-Subcontractor markup on self performed work	10%
Subcontractor markup on Sub-contractor subtier work	0%
Sub-subcontractor markup on subtier work	0%

- 5.3 Contract Amendments will be issued to the Trade Contractor/Subcontractor by Dimeo to provide a formal agreement of a contract change in work, contract sum or contract time. Contract Amendments signed by the Trade Contractor/Subcontractor constitutes the Trade Contractor/Subcontractor's acceptance and agreement therewith. The contract sum and contract time may only be changed by a written Contract Amendment. Trade Contractor/Subcontractor must return executed Amendments within ten (10) calendar days

of receiving the Amendment. In the event that the Trade Contractor/Subcontractor disagrees with the Amendment, they must provide written notice clearly stating their position within the ten (10) calendar days.

- 5.4 A comprehensive list identifying the status of outstanding claims for additional compensation as understood by the Trade Contractor/Subcontractor must be submitted by the 25th of each month. The identification of an item which may potentially increase the cost in no way represents agreement by the Construction Manager or suggests that the work represented by the potential change has been authorized to proceed.
- 5.5 A Document Clarification Request (DCR) issued by Dimeo will identify a change in the Contract Documents, which may include drawings, specifications, sketches, etc. A specific Change Estimate (CE) number will be assigned to each DCR for tracking purposes.
- 5.6 The Trade Contractor/Subcontractor must respond within five (5) days of receipt of a DCR and provide a complete price and any associated impacts to the schedule. Failure to submit complete pricing within five (5) days may result in withholding of payment at the Project Managers discretion. If, due to reasons beyond the Trade Contractor/Subcontractor's control, a complete response cannot be provided within five (5) days, or if the Trade Contractor/Subcontractor is not sure if the change will involve extra work, they must obtain written acknowledgement from the Project Manager within five (5) days. If the Trade Contractor/Subcontractor does not respond within five (5) days, they forfeit their rights to additional compensation for such changes. In the event the Trade Contract does not issue changes for which work has been deleted the Construction Manager will assess the fair value and credit the Trade Contractor/Subcontractor value in accordance with Trade Contracts provisions.
- 5.7 Claims for additional compensation for changes as a result of a request for information (RFI) response, modification to a submittal, or discovery of a concealed unknown condition must be submitted in writing including anticipated or estimated costs broken down into labor, materials, equipment and fee and schedule impacts immediately, but in no event more than two (2) business days of receipt of such change or discovery.

Article 6: Time and Material Requirements

- 6.1 Time and Material work (T&M): It may be necessary for the Construction Manager to direct changes in the work to be performed on a Time & Material Basis.
- 6.2 Trade Contractor/Subcontractor shall obtain "in writing" (each day) authorization from the Construction Manager prior to performing Time and Material work. Any work that cannot be performed as a lump sum change order and is agreed to be performed on a time and material basis must be pre-authorized by Dimeo's Project Executive or Project Manager prior to work commencing. The pre-authorization form must include a description of work to be performed and an estimated total amount of hours to complete the work, including a

rough estimated amount of materials to be utilized and equipment required. Once the pre-authorization form is signed by the Dimeo Project Executive or Project Manager, the work can commence with a daily submission of Time and Material (T&M) slips outlining the following information / requirements for each slip:

- a. Day, date & project name.
- b. Complete description of activities for the work day.
- c. List full name of each individual performing the work with the corresponding hours worked.
- d. Identify each person involved with the work as a Foreperson (F), Journeyperson (J) or Apprentice (A).
- e. List all materials utilized to perform the work.
- f. List all equipment utilized to perform the work.
- g. Signature of foreperson will be required on each T&M slip.
- h. Present the T&M slip to the Dimeo Superintendent for verification and Project Manager for signature.
- i. Trade Contractor/Subcontractors must notify Dimeo field personnel prior to starting Time & Material work & immediately upon completion. Notification must be given daily. Time spent working without prior notification will not be compensated
- j. Failure to present these T&M slips at the end of each workday for verification will result in the work not being compensated. This procedure is also mandated for any Trade Contractor/Subcontractor overtime authorized in advanced by Dimeo as a result of schedule recovery efforts that are not due to the fault of the Trade Contractor/Subcontractor performing the overtime work. All T&M change order work must be submitted on the Dimeo change order form.

6.3 The Construction Manager's Superintendent and Project Manager will promptly review and verify the work completed under a Time and Material Basis. The Project Manager is the sole acceptable authorized signature for T&M work unless expressly modified in writing by the Construction Manager.

Article 7: Trade Labor

7.1 Equal Employment Opportunity and Affirmative Action – All applicable workforce initiatives required by the Construction Manager, State/City/Town and/or Owner under which the project is being constructed are to be fully complied with and all supporting written documentation provided to the compliance unit and/or CM, as required. Including the submission of Certified Payroll Records in a timely manner.

Article 8: Rental Rates

- 8.1 Rental costs of machinery, tools and equipment, including costs of transportation, loading and unloading, installing, dismantling, removal, repair and replacement made necessary by ordinary wear and tear, exclusive of hand tools, whether rented from the Trade Contractor/Subcontractor or others shall not exceed seventy-five percent (75 %) of the purchase price for a functionally comparable item. A schedule of rental rates shall be submitted to the Construction Manager in advance for approval.

Article 9: Communications

- 9.1 Project communications shall be through the Construction Manager. Direct Trade Contractor/Subcontractor communications with the Architect/Engineer or Owner will not be recognized unless it has been authorized in writing in advance by the Construction Manager's Project Manager.
- 9.2 Written correspondence shall be directed to the Project Manager. Email correspondence is allowed. However, for items that may require revisions to Trade Contractor/Subcontractor Agreement, the Trade Contractor/Subcontractor shall document these requested revisions in accordance with Article V, Change Management herein.
- 9.3 All direct trade foreman, sub-foreman and lower tier foreman must maintain a cell phone in good working condition on his person for direct communication at all times. If cell coverage is not available the Trade Contractor/Subcontractor will be required to utilize a job site radio.
- 9.4 All Trade Contractor/Subcontractors will be required to utilize a common electronic file sharing platform (box.net) for the uploading of all submittals, RFI's, change requests, payment requests, daily reports, etc.
- 9.5 All Trade Contractors/Subcontractors and their employees are strictly prohibited from speaking to the media. All media inquiries are to be directed to Dimeo's Project Executive. In addition, any photographs taken of this project or information/statistics associated with the project may not be used in any publications or distributed to any third party without prior written consent from Dimeo Construction Company.

Article 10: Coordination Drawings and Building Information Models

10.1 Coordination Drawings and Building Information Models (3D)

- 10.2.1 The HVAC, Plumbing, Fire Protection, Electrical, HVAC Controls, Tel/Data, and Fire Alarm (M/E/P Trades) Trade Contractor/Subcontractors are required to develop, create, coordinate, manage, their work utilizing three dimensional (3D) models (BIM).

Each trade of the M/E /P Trades shall develop their coordination drawings within a three dimensional model. The requirements of the models are as listed below.

The HVAC contractor shall be the Gatekeeper and be responsible to retain all MEPFP trades electronic file drawings of each designated building area to be coordinated. Each trade contractor will be responsible to attend a weekly meeting to coordinate the MEPFP systems with the HVAC (Gatekeeper) and Dimeo's on-site MEPFP coordinator. Each Trade Contractor will still be required to provide their respective coordination layer drawing in 3D for approval, as required, including updates when changes occur via RFIs, Bulletin's, ASI's etc. The HVAC Contractor (Gatekeeper) will be responsible to collect all electronic files and run "clash detection" programs to identify any conflicts not discovered by the Trade Contractors. The use of BIM will be utilized as an aid to the entire coordination process. However, it does not relieve the Trade Contractors of their responsibility for providing full coordination support and a complete building system layout that does not conflict with installation of any system and is in accordance with the Contract Documents.

- 10.2.2 Specific Product Requirements for the file sharing platform as provided by the Construction Manager are as follows:
- a) Access rights management functionality that can accomplish the following:
 - i) All project team members can see and download other participant's component models uploaded to the file sharing platform.
 - ii) Only project team members who are associated with a certain organization or trade can upload files to a location on the file sharing platform that is the collection point for files of that organization or trade. Example: only the plumbing contractor has upload rights for its folder (e.g. PLM) on the file sharing platform.
 - b) Effective upload and download speeds of > 500kb/sec.
 - c) Accessible via web interface.
 - d) Adequate storage space and number of Project users for facilitating the inclusive collaborative process described in this Document.
 - e) Adequate capacity for archiving of Component Models and Federated Models that are being created in the iterative and collaborative coordination process must be provided.
 - f) The file sharing platform will be Box.net established and maintained by Dimeo Construction.
- 10.2.3 Requirements for Component Models
- a) Definition: A Component Model is a model provided by each of the M/E/P/ Trades that have a degree and definition that corresponds to shop drawings.

- b) File structure and file naming:
 - i) The file structure is created by the CM and coordinated with all project team members, including the Owner.
 - ii) The file structure to be used on the project must support the workflow of the coordination process.
 - iii) The file structure shall be chosen in a manner that ensures that file sizes are limited, to permit all relevant project team members to participate in the BIM-based collaborative coordination process.
- c) The file names used on the project shall be jointly determined in the BIM Kick-Off meeting and shall include the following components:
 - i) Name of the model (e.g. Mechanical, Electrical, etc.).
 - ii) The author of the model (name or the organization).
 - iii) Locality of the content in the model (e.g. L01).
- d) The file management approach instituted by the CM shall be such that it supports an iterative coordination process, yet records and maintains the audit trail from previous versions of files provided by the project team members.

10.2.4 File Formats

- a) The CM shall determine, jointly with the project team and the Owner, the file formats used for the coordination process.
- b) The minimum requirements are:
 - i) The files shall be of a format that can be opened in Autodesk Navisworks 2010.
 - ii) The final As-Built version of the Component Models of all project team members submitted to the Owner shall be in the native file formats of the applications that was used to create the Component Models, and in AutoCAD 2010 drawing file format, and PDF format.

10.2.5 Content

- a) Component models shall be Level 500 as defined by AIA BIM Protocol (E202) and include all components that the respective project team members are responsible for. Example: the electrical Component Model shall only include electrical components, no drywall or ductwork components.
- b) The content of the Component Models shall be determined by the CM in coordination with the subcontractors and the Owner. As a minimum, the content specified in Article 10.5 shall be included in the respective Component Models.
- c) The representations of building elements in Component Models shall be of a granularity that corresponds to the natural configuration of building elements and the installation process in the field, so that additional information (e.g. Operations and Maintenance manuals for MEP equipment) can be linked to meaningful representations in the model,

and that the elements in the model can be linked to an installation schedule.

- d) The final submission of the Component Models to the Owner shall represent the as-built condition.

10.2.6 Coordinate Systems

- a) All component Models shall follow the coordinate system and scale of the architectural design model.
- b) The coordinate systems used for shop drawings by the subcontractors shall be the same as the coordinate systems used for the Component Models so that models and drawings can be overlaid in a model review tool (e.g. Autodesk Navisworks).

10.2.7 Requirements for Federated Models

- a) Consistent color coding of component models represented in Federated Models.
- b) Identification of constructability issues as viewpoints in the model and assignment of responsibilities and dead lines for resolution of the issues in the model.

10.2.8 Requirements for Providing Facility Management Related Information

- a) All facility management related deliverables to the Owner (product documentation, Operation & Maintenance documentation, warranty documents, etc.) are to be provided to the Owner as electronic documents.

10.2.9 Documents to be Provided by the Design Team to the CM and the Subcontractors

- a) After signing and transmitting liability waivers from the authors, the following models will be made available to the CM and the subcontractors:
 - i) Project 3D documents in Autodesk format (Architectural and Structural Only)
- b) In the case of conflicts or discrepancies between information represented in the design models and the Contract Drawings, the CM shall notify the Owner and Architect for resolution of the conflict.

10.2.10 Final Deliverables

- a) All documentation created in the BIM Process, including but not limited to the BIM Execution Plan, and a list of the software applications used by the different project team members for creating Component Models.
- b) Component models representing the as-built condition:
 - i) In the native file format of the software applications used for creating these models.

- ii) In pure Auto CADD 2010 or later drawing format (note that file formats of Auto CADD Add-On applications that require Object Enablers are not acceptable as pure Auto CADD dwg format).
- c) A Federated Model of the entire Project in Navisworks 2010 nwf file format (including component models associated with the nwf file) and in nwd file format.

10.2 Execution

- 10.3.1 General Requirements - The CM is required to facilitate a level of modeling and a BIM process that is adequate for the complexity and the nature of the Project. Specifically, the CM shall:
 - a) Identify, articulate and document challenges for spatial coordination.
 - b) Develop a BIM Execution Plan for the Project that addresses the identified challenges. The BIM Execution Plan shall be jointly developed and coordinated with the Owner and the authors of the design model(s) and the relevant subcontractors who are involved in the BIM-based coordination effort.
 - c) Implement the minimum requirements described in this document and additional requirements called out in the BIM Execution Plan.
- 10.3.2 Specific Requirements – All project team members are responsible of assisting in the implementation of an iterative Spatial Coordination Process in which Component Models provided by the different Project team members are used for:
 - a) Spatial Coordination
 - b) Constructability Review
 - c) Studying and communicating installation sequences of complex components on the project.
 - d) The process begins with the subcontractors providing component models of their respective scopes of work. The Gatekeeper shall integrate these models into a Federated Model that can be used for Spatial Coordination. By reviewing the Federated Model and applying clash detection tools, the Gatekeeper and M/E/P Trades shall identify clashes and constructability issues and manage their resolution. By creating Clash Reports and conducting coordination meetings, the Gatekeeper facilitates the process of the M/E/P Trade Contractor/Subcontractors making adjustments to their respective component models and resolving the identified issues. The process is to be repeated until resolution is reached for all identified issues, and all clashes are resolved. However, not every clash reported by a clash detection tool is a constructability issue that must be corrected (e.g. penetration of a conduit through a partition above a ceiling).
 - e) Requirements for creating Federated Models:

- i) The Gatekeeper shall create Federated Models on a regular basis and actively identify spatial conflicts and manage the resolution of these conflicts.
 - ii) The Gatekeeper shall document identified conflicts, assign responsibilities for the resolution of these conflicts and verify that resolution occurs.
 - iii) The Gatekeeper shall document the process of identifying and resolving conflicts and make the relevant documents easily accessible to the Project team.
 - iv) The process of creating Federated Models shall be implemented in a manner such that all project team members can access the latest versions of Component Models used to create Federated models as the need arises. Each Trade Contractor is required to develop individual Federated models to progress their individual coordination.
- f) Use of the model for determining the installation sequence: After completion of the Spatial Coordination process, each M/E/P Trade Coordinator shall use the model for determining optimal installation sequences. Based on its experience and the specific complexities of the design, the M/E/P Trade Contractor/Subcontractors shall determine:
- i) The areas in the facility for which the model is needed to determine a workable and efficient installation sequence.
 - ii) The level of detail at which the model represents the installation sequence.
 - iii) The schedule as to when the sequence models are created and updated.

10.3 Specific Responsibilities

- 10.4.1 The Construction Manager or Designated Gate-Keeper's responsibility include, but are not limited to:
- a) Organizing and facilitating the Spatial Coordination process.
 - b) Identifying needs and opportunities for leveraging the model to determine optimal installation sequences.
 - c) Developing the BIM Execution Plan in coordination with the design team and the subcontractors to ensure that a level of BIM implementation and coordination is used that is adequate for the complexity of the Project. The BIM Execution Plan shall, at a minimum, include the following:
 - i) Goals for the BIM effort on the Project.
 - ii) Contact information of relevant Project team members
 - iii) Relevant BIM applications used by the Project team members.
 - iv) A description of the iterative coordination process that is to be instituted on the Project.
 - v) File structure and file names to be used on the Project.

- vi) The required content of the Component Models. This should include representations of building elements as well as additional content. (e.g. clearance space, temporary works etc).
- d) Conducting a BIM Kick-Off meeting with the relevant Project team members including the Owner and members of the Owner's facility management team.
- e) Compilation of Federated Models on a regular basis.
- f) Development of Clash Reports and facilitation of in-person and web-meeting based coordination meetings.
- g) Management of the coordination process including development of an audit trail of coordination and clash resolution activities.
- h) Providing a file sharing platform that facilitates an effective and efficient exchange. Box.net is to be utilized.
- i) Handling of facility management related information:
 - i) Overseeing the process of the M/E/P Trade Contractor/Subcontractors providing facility management related information (electronic documents uploaded to the server).

10.4.2 The M/E/P Trade Contractor/Subcontractors Responsibility Include, But Are Not Limited to:

- a) Providing Component Models of their specific discipline / trade.
- b) Participation in in-person and web-based coordination meeting. Assignment of individual coordination team leaders for Specific areas of work.
- c) Pro-active and timely resolution of clashes and conflicts identified and discussed in coordination meetings. Each Trade Contractor responsible for developing Component Models, shall be responsible as part of the development of the Component Model perform clash detection of their component model with the latest posted Component models of the other trades. This requires each Trade Contractor to own clash detection software i.e: Navisworks.
- d) Providing facility management related information in electronic format:
 - i) Submittals that are documents, e.g. drawings, certificates, product descriptions, etc., shall be uploaded to an agreed upon file sharing platform. The files upload to the file sharing platform shall conform to an agreed upon file naming convention. As build documents in AutoCad 2010 and in PDF formats.
- e) Once the coordination is complete for a designated area, each trade is responsible to provide (6) six hard "Paper Color" copies and an electronic file representing the final coordinated drawings. This will become the submittal for approval as well as the "sign off set". The

- Gatekeeper will produce (6) six hard “Paper Color” copies of the composite prints of each trade.
- f) As a separate document each trade contractor shall provide dimensioned floor and masonry or concrete wall penetration drawings for approval. Note that the coordination must utilize the identified penetration criteria as outlined in the structural documents for concrete and steel penetrations.
 - g) As a separate document each trade contractor shall provide dimensioned access panel drawings for review.

10.4 Minimum Requirements for Component Models, Building Information Modeling (BIM)

10.5.1 Structural Steel Model (Fabrication Model)

- a) Inclusions: All structural steel members in their true shape and dimensions
- b) Exclusions: Nuts and Bolts

10.5.2 Miscellaneous Steel Model (Excluded)

10.5.3 Mechanical Systems

- a) Inclusions: All systems and components in the mechanical scope of work that are generally relevant for spatial coordination, including but not limited to ductwork, diffusers, flex duct, VAV boxes, access space for maintenance of installed equipment, Air Handler Units, fans, pumps, tanks, control boxes and panels, heat exchangers, piping, pipe racks valve hangers, and seismic restraints.
- b) Exclusions: Not used

10.5.4 Plumbing Systems

- a) Inclusions: All systems and components in the plumbing scope of work that are generally relevant for spatial coordination, including but not limited to pipe, pipe racks and support structures, distribution systems and equipment; gas, gas tanks; rain water leaders, pressure and drainage pipe, and seismic restraints.
- b) Exclusions: Pipe sizes $\frac{3}{4}$ " and under, fixtures.

10.5.5 Electrical Systems

- a) Inclusions: All systems and components included in the electrical scope of work that are generally relevant for spatial coordination, including but not limited to all conduit in conduit racks carrying more than 3 conduits, light fixtures, required clearance space (e.g. in front of electrical panels, around light fixtures, access to electrical J-boxes); ceiling plane.
- b) Exclusions: Conduit 1" and smaller

10.5.6 Fire Protection Systems

- a) Inclusions: All systems and components included in the fire protection scope of work that are generally relevant for spatial coordination, including but not limited to pipe, sprinkler heads, valves, fire pumps.
- b) Exclusions: Not Used

10.5.7 Control Systems

- a) Inclusions: All systems and components included in the control systems scope of work that are generally relevant for spatial coordination, including but not limited to required clearance space (e.g. in front of control panels).
- b) Exclusions: Conduit 1" and smaller

10.5.8 Exterior Skin Systems (Excluded)

10.5.9 Other Project Specific Systems as Determined by the Owner

used to create Federated models as the need arises.

- f) Use of the model for determining the installation sequence: After completion of the Spatial Coordination process, each M/E/P Trade Coordinator shall use the model for determining optimal installation sequences. Based on its experience and the specific complexities of the design, the M/E/P Trade Contractor/Subcontractors shall determine:
 - i) The areas in the facility for which the model is needed to determine a workable and efficient installation sequence.
 - ii) The level of detail at which the model represents the installation sequence.
 - iii) The schedule as to when the sequence models are created and updated.

10.5 Specific Responsibilities

10.4.1 The Construction Manager or Designated Gate-Keeper's responsibility include, but are not limited to:

- a) Organizing and facilitating the Spatial Coordination process.
- b) Identifying needs and opportunities for leveraging the model to determine optimal installation sequences.
- c) Developing the BIM Execution Plan in coordination with the design team and the subcontractors to ensure that a level of BIM implementation and coordination is used that is adequate for the complexity of the Project. The BIM Execution Plan shall, at a minimum, include the following:
 - i) Goals for the BIM effort on the Project.
 - ii) Contact information of relevant Project team members

- iii) Relevant BIM applications used by the Project team members.
 - iv) A description of the iterative coordination process that is to be instituted on the Project.
 - v) File structure and file names to be used on the Project.
 - vi) The required content of the Component Models. This should include representations of building elements as well as additional content. (e.g. clearance space, temporary works etc).
- d) Conducting a BIM Kick-Off meeting with the relevant Project team members including the Owner and members of the Owner's facility management team.
 - e) Compilation of Federated Models on a regular basis plus whenever the need arises.
 - f) Development of Clash Reports and facilitation of in-person and web-meeting based coordination meetings.
 - g) Management of the coordination process including development of an audit trail of coordination and clash resolution activities.
 - h) Providing a file sharing platform that facilitates an effective and efficient exchange
 - i) Handling of facility management related information:
 - i) Overseeing the process of the M/E/P Trade Contractor/Subcontractors providing facility management related information (electronic documents uploaded to the server and embedding of hyperlinks in the Component Models provided by the subcontractors) including Quality Assurance and Quality Control functions.

10.4.2 The M/E/P Trade Contractor/Subcontractors Responsibility Include, But Are Not Limited to:

- a) Providing Component Models of their specific discipline / trade
- b) Participation in in-person and web-based coordination meeting
- c) Pro-active and timely resolution of clashes and conflicts identified and discussed in coordination meetings.
- d) Providing facility management related information in electronic format:
 - i) Submittals that are documents, e.g. drawings, certificates, product descriptions, etc., shall be uploaded to an agreed upon file sharing platform. The files upload to the file sharing platform shall conform to an agreed upon file naming convention.

10.6 Minimum Requirements for Component Models, Building Information Modeling (BIM)

10.5.1 Structural Steel Model (Fabrication Model)

- a) Inclusions: All structural steel members in their true shape and dimensions
- b) Exclusions: Nuts and Bolts

- 10.5.2 Miscellaneous Steel Model
 - a) Inclusions: All support steel
 - b) Exclusions: Nuts and Bolts, hand rails mounted to walls (not to the floor)

- 10.5.3 Mechanical Systems
 - a) Inclusions: All systems and components in the mechanical scope of work that are generally relevant for spatial coordination, including but not limited to ductwork, diffusers, flex duct, VAV boxes, access space for maintenance of installed equipment, Air Handler Units, fans, pumps, tanks, control boxes and panels, heat exchangers, piping, valve and hangers.
 - b) Exclusions: Not used

- 10.5.4 Plumbing Systems
 - a) Inclusions: All systems and components in the plumbing scope of work that are generally relevant for spatial coordination, including but not limited to pipe, pipe racks and support structures, distribution systems and equipment; medical gas systems, gas, gas tanks; rain water leaders, pressure and drainage pipe,
 - b) Exclusions: Not used

- 10.5.5 Electrical Systems
 - a) Inclusions: All systems and components included in the electrical scope of work that are generally relevant for spatial coordination, including but not limited to all conduit in conduit racks carrying more than 3 conduits, light fixtures, required clearance space (e.g. in front of electrical panels, around light fixtures, access to electrical J-boxes); ceiling plane.
 - b) Exclusions: Conduit 1" and smaller

- 10.5.6 Fire Protection Systems
 - a) Inclusions: All systems and components included in the fire protection scope of work that are generally relevant for spatial coordination, including but not limited to pipe, sprinkler heads, valves, fire pumps.
 - b) Exclusions: Not Used

- 10.5.7 Control Systems
 - a) Inclusions: All systems and components included in the control systems scope of work that are generally relevant for spatial coordination, including but not limited to required clearance space (e.g. in front of control panels).
 - b) Exclusions: Conduit 1" and smaller

- 10.5.8 Exterior Skin Systems
 - a) Inclusions: To be Determined by Construction Manager
 - b) Exclusions: To be Determined by Construction Manager

10.5.9 Other Project Specific Systems as Determined by the Owner and/or the Contract Documents

Article 11: Foreman and Key Personnel

- 11.1 The Trade Contractor/Subcontractor must employ a competent foreman and necessary assistants who must be in attendance at the Project site during the progress of the Work. The foreman must be satisfactory to the Construction Manager, and shall not be changed without the written consent of the Construction Manager. The foreman shall represent the Trade Contractor/Subcontractor and all communications given to the foreman shall be as binding as if given to the Trade Contractor/Subcontractor. Important communications shall be confirmed in writing. Other communications shall be so confirmed on written request in each case.
- 11.2 A duly authorized representative of the Trade Contractor/Subcontractor shall be available for project meetings and have emergency telephone communication from the Owner or Construction Manager on a 24-hour basis, seven days a week during the performance of the work.
- 11.3 The Trade Contractor/Subcontractor shall identify the key personnel he intends to assign to the project, to the Construction Manager within 48 hours after the Trade Contractor/Subcontractor has been notified to proceed. Trade Contractor/Subcontractor shall, upon request from the Construction Manager, provide resumes and references of proposed key personnel. If the Construction Manager feels that it would be in their best interest to request a change in the Trade Contractor/Subcontractor's personnel, they may do so; and the Trade Contractor/Subcontractor shall immediately assign an acceptable replacement at no additional cost.
- 11.4 To ensure a safe working environment and the effective coordination of the work, the Trade Contractor/Subcontractor's foremen must be able to effectively communicate both orally and by the written word with the Construction Manager's project staff and the workforce under the foreman's control.

Article 12: Use of Site

- 12.1 The Trade Contractor/Subcontractor must confine operations at the site to areas designated by the Construction Manager, permits and by the Contract, and shall not unreasonably encumber the site with any materials or equipment. Parking on surrounding roads is strictly prohibited and will result in a fine. A second offense will result in the individual being permanently removed from the site. The Trade Contractor/Subcontractor shall not use any of the existing Owner's facilities, such as toilets, cafeteria, parking areas, power hookup, etc. except with Construction Manager's

- prior written approval. The Trade Contractor /Subcontractor shall not, block or restrict access to the site.
- 12.2 The Trade Contractor/Subcontractor must coordinate all of their operations with the Construction Manager and obtain approval, as well as any applicable State and/or local approvals required to transport materials, before using any portion of the project site in accordance with the Construction Manager's site logistics plan.
- 12.3 Due to limited available space on-site storage space for Trade Contractor/Subcontractor's field office trailer, sheds, materials, tools, equipment, and supplies must be kept to a minimum and must be coordinated with and approved by the Construction Manager in advance. Trade Contractor/Subcontractor's materials, equipment, tools and supplies must be moved at no cost if their location obstructs or impedes the work of others at any time during construction.
- 12.4 All deliveries must be scheduled, in advance with the Dimeo superintendent. No trucks will be allowed to be queued within the surrounding streets and/or campus roadways. Due to limited site access, deliveries may need to be brought in during off hours at the Trade Contractor/Subcontractors expense. Due to limited site access, there is very limited laydown/storage area. Materials can only be delivered on an 'as needed' basis and must be installed immediately. Trade Contractor/Subcontractors must receive written permission from Dimeo prior to storing any materials on the site. Any interior stored material must be relocated as necessary to accommodate the progression of work by others. Trucks are not allowed to idle on site longer than 15 minutes.
- 12.5 No company branding or organizational branding will be allowed on any temporary or permanent work to be installed on the site or affixed to the façade of the buildings. This includes but is not limited to project signs, fences, barricades, fencing scrim, tarpaulins, poly protection, trash chutes, banners, structural steel members, cranes, swing staging & mast climber platforms etc.
- 12.6 Absolutely no photography or videotaping will be allowed by the Trade Contractor/Subcontractor at any time during the construction process without the express written consent of Dimeo Construction and the Owner. Violators will be permanently removed from the project.
- 12.7 Dimeo will designate the location(s) where lunch and coffee breaks shall take place. Trade Contractor/Subcontractor shall be responsible for all costs associated with "temporary" structures for break/lunch rooms, etc.
- 12.8 Use of loud, foul, abusive or vulgar language will not be tolerated.
- 12.9 This is a smoke free project. Smoking will not be allowed. All violators will be removed from the site immediately with no return.

- 12.10 All Trade Contractor/Subcontractors performing work in the streets and/or sidewalks, whether to install work, occupy a portion of the street/sidewalk to perform hoisting operations or set-up lifts, shall secure and pay for any police details and sidewalk rentals required for the specific work. If police details are not required, the Trade Contractor/Subcontractor must have a designated flag person to attend the site entrance gates when a delivery is scheduled and/or when working within a public access way and/or congested site location.
- 12.11 The project has a noise and vibration ordinance which must be understood and adhered to for all construction activities. If an activity goes beyond the limit, an immediate notice will be given to the Trade Contractor/Subcontractor and the activity will be shut down until an alternate method is put in place. No additional costs to adhere to this requirement will be allowed. Failure to adhere to this regulation is grounds for immediate dismissal from the project. Brigade SA-BBS-107 (“white noise” back-up alarms) or equal are required on all on-site equipment, concrete trucks, sitework trucks and all trucks making regular deliveries (dumpsters, toilets, etc.). Miscellaneous delivery trucks are excluded.

Article 13: Cutting & Patching

- 13.1 The Trade Contractor/Subcontractor is responsible for all cutting, coring, or patching including protection of existing Work that may be required to complete the Work.
- 13.2 The Trade Contractor/Subcontractor shall not damage or endanger any portion of the work of the Construction Manager or any separate contractors by cutting, patching or otherwise altering any work, or by excavation. The Trade Contractor/Subcontractor shall not cut or otherwise the work of the Construction Manager or any separate contractor except with written consent of the Construction Manager and of such separate contractor.
- 13.3 All Trade Contractor/Subcontractors that have attachment points to the structure above ceiling MEPFP system piping / conduit / wire / equipment etc. and/or hung ceiling and framed ceiling assemblies shall coordinate locating and installing the attachments prior to the application of spray fire proofing materials to minimize patching of fireproofing removals. Any Trade Contractor/Subcontractor that applies attachment anchors or fasteners and/or removes spray fireproofing material from the structure will be required to pay for the cost associated with patching the fireproofing as performed by the Fireproofing Trade Contractor/Subcontractor.

Article 14: Site Utilization / Logistics

- 14.1 The Trade Contractor/Subcontractor must coordinate its work with the site logistics and utilization plans in Exhibit D.

Article 15: Quality Assurance and Control Program

- 15.1 The Trade Contractor/Subcontractor must develop, coordinate and maintain a QA/QC Program for the fabrication, manufacture, installation and finishing of equipment, materials, and systems to assure the standards as outlined within the specifications are achieved or exceeded, throughout the entire project until such time as the project has been completed.
- 15.2 The Trade Contractor/Subcontractors Program must include the following actions:
1. Careful review of the Contract Documents, governing correspondence, schedule and logistics safety submittals are accurate and comply.
 2. Verification of the Fabrication process
 3. Development and participation in pre-installation meetings
 4. Coordination inspections of the work with the Construction Manager, authorities having jurisdiction, third party/testing agencies
 5. Proactively respond and correct any identified work deficiencies.
 6. Documentation that materials utilized in the work conform to the specifications and submittals
 7. Documentation of required testing providing copies to the Construction manager
 8. Participation in a comprehensive Punch-List program providing updates in writing and or through website based portal updates.
 9. Identify all notification requirements for tests and/or inspection requests
 10. Identify requirements for pre-inspection and existing conditions prior to start of new work.
 11. Provide suitable protection of work
 12. Identify the Trade Contractor's/Subcontractor's QA/QC representative
- 15.3 All pre and final punch list tasks will be generated utilizing the Vela Software System. The system will be operated and managed by Dimeo with the Architect, Engineer, Consultants, Construction Administrator and Owner being active participants in generating and providing final acceptance to the punch list activities. All punch lists and/or deficiency reports by third party inspectors, architects, engineers or Dimeo must be immediately addressed & returned to Dimeo with the Foreman's signature indicating action or completion to the items noted on the punch list and/or deficiency report.
- 15.4 Each Trade Contractor/Subcontractor must update the status of work, work to complete, punch list, pre-commissioning/commissioning list via a web based platform on a daily basis to maintain the project schedule.

Article 16: Testing and Inspection

- 16.1 If the Contract Documents, laws, ordinances, regulations or order of any public authority having jurisdiction require any portion of the Work to be inspected, tested or approved,

the Trade Contractor/Subcontractor must give the Construction Manager timely notice of its readiness so that Architect/Engineer and Construction Manager may observe such inspection, testing or approval. The Trade Contractor/Subcontractor must bear all costs of such inspections, tests or approvals unless otherwise provided.

- 16.2 If the Architect/Engineer or Construction Manager determines that any Work requires special inspection, testing or approval which Article 16.1 above does not include, they will, through the Construction Manager, instruct the Trade Contractor/Subcontractor to order such special inspection, testing or approval and the Trade Contractor/Subcontractor must give notice as in Article 16.1. If such special inspection or testing reveals a failure of the Work to comply with the requirements of the Contract Documents, the Trade Contractor/Subcontractor must bear all costs thereof, including compensation for the Architect/Engineer's and Construction Manager's additional services made necessary by such failure. If the Work complies, the Owner will bear such costs and an appropriate Amendment will be issued.
- 16.3 Required certificates and all reports of inspection, testing or approval must be obtained by the Trade Contractor/Subcontractor and promptly delivered to the Construction Manager. The Trade Contractor/Subcontractor must maintain a file of all test reports. At the completion of the project, these reports must be submitted to the Construction Manager in an electronic PDF format.
- 16.4 Observations of the Architect/Engineer, the Construction Manager, or inspections, tests and approvals by persons other than the Trade Contractor/Subcontractor, shall not relieve the Trade Contractor/Subcontractor from their obligation to perform the Work in accordance with the Contract Documents.

Article 17: Protection of Work

- 17.1 Trade Contractor/Subcontractor is responsible to protect its own work from damage as may be caused from standard construction work until commencement of final cleaning.
- 17.2 Trade Contractor/Subcontractor must submit, for Construction Manager's approval, materials or methods for protection prior to start of work.

Article 18: Temporary Construction Services & Systems

- 18.1 Limited temporary power may be available for use in temporary field offices and may be available to the Trade Contractor/Subcontractor from a central location. The Trade Contractor/Subcontractor must furnish and remove any required extensions from this location at his own expense.

- 18.2 All Trade Contractor/Subcontractors are responsible for furnishing drinking water, ice, cups, etc. for their employees.
- 18.3 The Construction Manager will provide temporary toilets, excluding Trade Contractor/Subcontractor's trailer hookup.
- 18.4 The Construction Manager will provide temporary fire safety equipment for general use. Each Trade Contractor/Subcontractor must provide their own fire extinguishers for their trailers, and for use, as required when cutting and burning are performed.
- 18.5 The Construction Manager will provide dumpsters and disposal service unless noted otherwise. The Trade Contractor/Subcontractor must not use these containers for the disposal of earth, surplus or slurry concrete, hazardous materials, regulated materials, and/or steel stock. Each Trade Contractor/Subcontractor must dispose of these elements at their own expense.
- 18.6 Each Trade Contractor/Subcontractor is responsible for furnishing, installing or otherwise providing any or all of the following temporary facilities, structures or services as may be necessary or required for or during, performance of the work of their Contract.
 - 18.6.1 Temporary field office facilities complete, including all furniture, heat, cooling, lighting, telephone, plumbing, and toilet fixtures as they may require for their exclusive use. (Site locations and number are subject to approval of the Construction Manager).
 - 18.6.2 Temporary storage facilities, sheds or buildings as may be required for the proper protection or storage of materials and/or equipment. (Site locations and number are subject to approval of the Construction Manager).
 - 18.6.3 Temporary extension from, and hookup to, all temporary utilities which have been provided to a common point for use by the Trade Contractor/Subcontractors during construction.
 - 18.6.4 Maintenance, cleanup and removal of all temporary facilities provided by the Trade Contractor/Subcontractor for their exclusive use.
 - 18.6.5 Furnishing, erection, maintenance and removal of all temporary hoists and scaffolding as may be required by the Trade Contractor/Subcontractor for the performance of the work of his Contract. Engineering cost/stamped drawing if required shall be provided and paid for by the Trade Contractor/Subcontractor.
 - 18.6.6 Temporary drainage and dewatering measures including all pumping, drainage, erosion control or other work required to protect the work of the Trade Contractor/Subcontractor while in progress and shall be responsible to obtain and pay for any approvals or permits related to this work.
 - 18.6.7 All temporary facilities, structures, services or items of work specifically required or defined in Exhibit A or otherwise required by the Contract Documents for the work of the Trade Contractor/Subcontractor.

- 18.6.8 Distribution of drinking water for the Trade Contractor's/Subcontractor's construction personnel.
- 18.6.9 At the end of the day's work, all work subject to damage by adverse weather conditions shall be covered or otherwise protected as required. Weather protection shall be adequate to permit each Trade Contractor/Subcontractor to work on a continuous basis without shutdown due to temperature or weather conditions as far as possible.
- 18.6.10 All Trade Contractors/Subcontractors are responsible to provide fully stocked first aid kits for the sole use of their employees while working on this project

18.7 Temporary Electric System

- 18.7.1 The distribution will be extended upward to other floors of the building as indicated.
- 18.7.2 As the work progresses and structure and decks are constructed, the lighting/hand tool circuits will be installed throughout the building according to the following criteria.
- 18.7.3 Temporary lighting shall be installed in all areas and rooms, including all platforms, levels and stairways but excluding crawl spaces, duct and riser shafts. Temporary lighting shall be a minimum of 1/4 watt per square foot. For all areas 3,200 or less, 100 watt lamps spaces approximately 20 foot centers shall be used. Each room or enclosed area shall have, at least, one lighting and one tool outlet. Where 100 watt lights are used, the outlets shall consist of double weather proof sockets. One (1) socket shall be used for the 100 watt lamp and the other socket shall be used for portable power tools.
- 18.7.4 Any temporary lighting required beyond the foregoing shall be provided by the party requiring the same and the work will be paid for by the Trade Contractor/Subcontractor.
- 18.7.5 Any extension cords must be provided by the Trade Contractor/Subcontractor/Subcontractor, inclusive of GFCI protection, and must be free of any defects.
- 18.7.6 Connecting and disconnecting Trade Contractor/Subcontractor tools and equipment to (and from) the above distribution system will be performed by qualified personnel, ALL grounding as required by the National Electrical Code, OSHA or any and all local codes, including approved ground fault interrupters shall be furnished and installed at the Trade Contractor/Subcontractor's expense.

- 18.7.7 All contractors must share the system provided and average usage is anticipated. Any contractor anticipating fabrication area or operations must coordinate his needs through the Construction Manager. If additional distribution is required and available at the control service, it will be provided at the Trade Contractor/Subcontractor's expense.
- 18.7.8 Operations and Maintenance: The system will be operated during normal work week, defined as five (5) days, including ½ hour before regular working hours and ½ hour after regular working hours for every trade. Maintenance of the electrical service beyond the duration defined above will be at the expense of the Trade Contractor/Subcontractor requesting the service. Charges for maintenance of the services will be made from the Operating Contractor to the Trade Contractor/Subcontractor and will not involve (nor occur cost to) the Construction Manager or Owner.
- 18.7.9 Relocation to allow construction to proceed and removal when permanent power is available will be coordinated with the Construction Manager as part of the maintenance service.
- 18.7.10 The Electrical Trade Contractor/Subcontractor may be required in Exhibit A to include part or all of the above described temporary service and distribution and/or maintenance (review Exhibit A carefully.)
- 18.7.11 Payment for Electrical Energy: The Construction Manager will pay for energy consumed by all trades during the construction period metered through this system.
- 18.8 Temporary Heating
- 18.8.1 Construction Heating: Each Trade Contractor/Subcontractor is responsible for providing his own temporary heat and weather-tight enclosures as required for the satisfactory performance of his work and to comply with the construction schedule. Temporary heat systems must be approved by the Construction Manager.
- 18.8.2 Temporary Use of Building System: It is not anticipated that the permanent building system will be utilized to provide "temporary heat" during the major portion of construction operations.
- 18.8.3 It is anticipated that activation, testing and balancing of the building heating/cooling system will be critical to the completion and acceptance of the project and, therefore, actuation of the permanent system will be scheduled for the earliest possible time.

18.8.4 Within these parameters the Trade Contractor/Subcontractor must provide any supplemental heat required to perform his work.

18.9 Temporary Water

18.9.1 Temporary water distribution, as indicated in Exhibit D, will be provided for the use of all Trade Contractor/Subcontractors and to provide a temporary fire protection system.

18.9.2 The temporary fire protection system shall be installed using the permanent standpipes and risers if possible, and must be installed as rapidly as construction permits.

18.9.3 Temporary fire standpipe connections, including pipe fittings, and valves must be provided at the location of each permanent hose rack or station as shown on the contract drawings.

18.9.4 At each temporary riser connection a temporary hose rack, 100 feet of 1-1/2" UL approved fire hose system with brass couplings and a 1-1/2" nozzle must be provided. The system must also provide 2-1/2" valved, capped connections at each location together with 1-1/2" valved connections with a pair of hose bibs. Hose adaptors on the discharge side of the 2-1/2" valve must be compatible with hose fittings used by the local fire department.

18.9.5 All Trade Contractor/Subcontractors are responsible for providing their own hoses to bring water from the hose rack location to their work areas. Only heavy duty 3/4" hose in good condition will be permitted in use in the interior of the building. The discharge end of each hose shall be equipped with a means of positive shut off. The use of hoses with leak at connections or elsewhere throughout their length will not be permitted. All hoses must be disconnected from hose bibs when not in use and before the end of each work day.

18.9.6 When no longer required, as determined by the Construction Manager, the temporary systems shall be dismantled and removed.

18.9.7 Water will be provided to all Trade Contractor/Subcontractors without cost, and any billings therefore will be paid by the Construction Manager.

18.9.8 The Plumbing Trade Contractor/Subcontractor may be requested in the Exhibit A to include furnishing installing and dismantling and removing the temporary water/temporary fire protection system described above. In

such event the temporary equipment and materials so removed shall become the property of the Plumbing Trade Contractor/Subcontractor.

18.10 Housekeeping – Cleaning, Rubbish and Trash Removal

- 18.10.1 Each Trade Contractor/Subcontractor is responsible for daily and final cleanup and continuous removal of all rubbish and debris from their work area to the dumpster. Failure of a Trade Contractor/Subcontractor to do so will require that this be done by the Construction Manager after proper notice to the Trade Contractor/Subcontractor and labor for doing so will be charged to the responsible Trade Contractor/Subcontractor.
- 18.10.2 The job-site must, on a daily basis, be maintained in a neat orderly condition and kept free from accumulations of waste materials and rubbish during the entire construction period. Trade Contractor/Subcontractor must remove all crates, cartons and other flammable waste materials or trash from the work areas at the end of each working day.
- 18.10.3 Elevator shafts, electrical closets, pipe and duct shafts, chases, furred spaces and similar spaces which are generally unfinished, must be cleaned and left free from rubbish, loose plaster, mortar drippings, extraneous construction materials, dirt and dust before substantial completion inspection.
- 18.10.4 Each Trade Contractor/Subcontractor is responsible for cleaning all surfaces as necessary to make them free of spatters or other deposits of paint, plaster, mortar, concrete, adhesives, roofing, dirt, soil, oil, or any other material foreign to the surface involved. The Construction Manager shall back-charge the guilty party the cost of cleaning or replacing which is required by accidental soiling or damage by another Trade Contractor/Subcontractor.
- 18.10.5 Each Trade Contractor/Subcontractor is responsible to share the task of litter cleanup (e.g., coffee cups, lunch wrappers, etc.)
- 18.10.6 To insure proper cleanup, notwithstanding the Trade Contractor/Subcontractor's obligations to clean up any debris resulting from his own operations, and following proper notices, the Construction Manager will undertake the cleanup and disposal of litter and other debris whose source is unidentifiable. The cost of this special cleanup detail will be assessed weekly against all Trade Contractor/Subcontractors on a per capita basis and will be back-charged against the respective Trade Contractor/Subcontractor's monthly payment application.

- 18.10.7 The Trade Contractor/Subcontractor is responsible to maintain his own trailer, storage and work areas in a sanitary condition to minimize the hazard of attracting vermin and breeding mosquitoes. If the Trade Contractor/Subcontractor fails to comply, the Construction Manager may do so, and the cost thereof shall all be charged to the Trade Contractor/Subcontractor. Rodent extermination materials shall be those approved by the local health department or other agency having jurisdiction.
- 18.10.8 Use only cleaning materials and methods recommended by manufacturer of surface to be cleaned. Use cleaning materials only on surfaces recommended by cleaning material manufacturer. Each Trade Contractor/Subcontractor is responsible for assuring that affected employees are provided with, and required to use, all needed personal protective devices in connection with cleaning. Sweeping compound must be used to prevent dust generation during clean-up. Vacuums must be used during sanding operations to contain dust.
- 18.10.9 At completion of work, each Trade Contractor/Subcontractor must remove tools, equipment, machinery, and surplus materials from the project site and perform whatever additional cleaning is required in a timely manner. Warehousing of equipment, machinery and surplus material that is not actively being utilized in a reasonable period of time as determined by the Construction Manager is strictly prohibited.

Article 19: Project Meetings

- 19.1 Trade Contractor/Subcontractor is responsible to identify and designate a representative with authority to accept instructions, make decisions, attend all required meetings and act for Trade Contractor/Subcontractor at all time. Attendance at the following meetings is mandatory. The Construction Manager will conduct at a minimum the following meetings. Additional meetings will be necessary. The Trade Contractor/Subcontractor shall make the designated representative available at the Construction Manager's reasonable request.
- **Project Kick-Off Meetings** – Held between Dimeo and Trade Contractor/Subcontractors to establish guidelines for communications between parties, requisition procedures, submittal review, issuance of changes to the documents, change orders, primary contact personnel, required meetings, logistics, safety, quality and commissioning.
 - **Pre-Installation Meetings** – Held between Trade Contractor/Subcontractors, Architects/Engineers, Owner Construction Manager at the start of a new portion of the work to establish workflow, responsibility, required inspections, safety management, plan, logistics, quality and schedule.

- **Subcontractor Meetings** – Held regularly between Di meo and subcontractors, Owner and A/E som etimes attend these m eetings. Establish job procedures, review schedule and coordination, any problem areas and discuss solutions, keep all parties up to date with r ecent changes/happenings on jobs ite and maintain open flow of communications and ideas.
- **Foreman’s Meetings** - Held regularly between Di meo and subcontractors, Owner and A/E som etimes attend these m eetings. Establish job procedures, review schedule and coordination, any problem areas and discuss solutions, keep all parties up to date with r ecent changes/happenings on jobs ite and maintain open flow of communications and ideas.
- **Safety Meetings** – Also called “Tool Box Talks” h eld on a week ly basis between the Project Superintendent and the Subcontractor fore man to review job specific safety and discuss safety procedures in general.
- **Coordination Meetings** – Held between subcontra ctors involved in sim ilar work or w ork performed in close prox imity such as mechanical/electrical coordination, exterior façade coord ination and coordina tion for setting of the roof top units. These m eetings are used to establish routing of the work, the proper work flow, scheduling of the work, etc.
- **Scheduling Meetings** – Held on a discretionary basis between Trade Contractor/Subcontractor and Constructi on Manager to review the schedule in accordance with Article 10.
- **Commissioning Meetings** – Held between all MEP Trade Contractor/Subcontractors to facilitate the commissioning of the project.

Article 20: Drug Testing

20.1 Drug testing of workers may be required. Failure to take required tests and/or failure to pass required tests will be deemed just cause for immediate dismissal.

Article 21: Project Close-Out

21.1 At a minimum, the Trade Contractor/Subcont ractor must provide the following project close-out items (Construction Manager reserves the right to amend this list at its sole discretion) as a condition of pa yment as identified in the sc hedule of values line item . “Project Close-Out & Required Docum ents” must be provided in duplicate and one electronic copy in PDF for mat or as indi cated. Docum ents must be organized in accordance with their respective specification sections.

1. Test and Inspection Reports
2. Final permit inspections authorizing use and occupancy
3. All warranties and guarantees with commencement/completion dates
4. As-Built drawings (PDF and Auto CAD format) (BIM Model if applicable)

5. All Trade Contractor/Subcontractors that require owner demonstration and training sessions within their scope of work must provide a narrated video training session of the system being demonstrated. The videotaped session can be the actual training session to the owner / user or can be a separate taped session. Include four (4) DVD's of the narrated training session.
 6. Operation and Maintenance Manuals
 7. LEED Required Documentation
 8. Verification of Commissioning Completion by Commissioning Agent
 9. Verification of Punch-List Completion
 10. Attic stock in accordance with the individual specification sections
 11. Final summary of financial accounting (signed by authorized representative)
 12. Affidavits from Trade Contractor/Subcontractor/Subcontractors designers
 13. Verification of removal of all temporary services and or construction provided by this Trade Contractor/Subcontractor/Subcontractor
 14. Consent of Surety
 15. Final waivers
 16. State Sales Tax compliance documentation (where and when applicable) as required by the Construction Manager
 17. Insurance Certificates through warranty period
- 21.2 Final payment to the Trade Contractor/Subcontractor will be conditioned upon approval of the Architect/Engineer and Owner of these Close-Out documents as listed above.

Article 22: Parking and Project Access

- 22.1 There may be no on-site parking. All workmen are responsible for their legal off-site parking and any related costs. Parking on surrounding roads is prohibited, and will result in towing. A second offense will result in the individual being permanently removed from the project. **The trade contractors are responsible to provide their own off-site parking and shuttle to and from the project site each work day. All costs associated with this are the responsibility of the trade contractors.**

Article 23: Project Hours

- 23.1 The standard project work hours have been established as 7:00 AM to 3:30 PM Monday through Friday. The Construction Manager reserves the right to modify the standard work hours/times as required and Trade Contractors/Subcontractors will not be allowed to claim additional costs. Additional work hours may be authorized. However, they must comply with all local rules, regulations, and/or ordinances in conjunction with this project.

Article 24: Minority, Local and Apprenticeship Hiring Requirements

- 24.1 The Trade Contractor/Subcontractor shall comply with the minority, local hiring and apprenticeship requirements as follows:
- Minority Business Requirements
 - MBE = 10%
 - SBE = 30%
- 24.2 Trade Contractor/Subcontractor must provide Certified Payroll on a monthly basis by the 5th of the following month submitted to the Construction Manager utilizing the standard Form 257 “Monthly Employment Utilization Report” as follows:

INSTRUCTIONS FOR FILING MONTHLY EMPLOYMENT UTILIZATION REPORT

This Monthly Utilization Report is to be completed by each subject Contractor (both prime and sub) and signed by a responsible official of the Company. The reports are to be filed by the 5th day of each month during the term of the contract, and they shall include the total work-hours for each employee classification in each trade in the covered area for the monthly reporting period. The prime contractor shall submit a report for its aggregate work force and collect and submit reports for each subcontractor's aggregate work force to the General Contractor.

- Minority Includes Blacks, Hispanics, American Indians, Alaskan Natives, and Asian and Pacific Islanders - both men and women.
- Current Goals (Minority & Female) See Contract Notification.
- Reporting Period Monthly, or as directed, beginning with the effective date of the Contract.
- Construction Trade Only those construction crafts which contractor employs in the covered area.
- Work-Hours of Employment (a-e)
 - a. The total number of male hours and the total number of female hours worked by employees in each classification.
 - b-e. The total number of male hours and the total number of female hours worked by each specified group of minority employees in each classification.
- Classification The level of accomplishment or status of the worker in the trade (Journey Worker, Apprentice, Trainee).
- Minority Percentage The percentage of total minority work-hours of all work-hours (the sum of columns b, c, d and e divided by a; just one figure for each construction trade).
- Female Percentage For each trade the number reported in a. Female divided by the sum of the numbers reported in a. Male and Female.
- Total Number of Employees Total number of male and total number of female employees working in each classification of each trade in the contractor's aggregate work force during reporting period.
- Total Number of Minority Employees Total number of male minority employees and total number of female minority employees working in each classification working in each classification in each trade in the contractor's aggregate work force during reporting period.

Article 25: Engineering and Layout

25.1 Trade Contractor/Subcontractor is responsible for the engineering and layout of its work from control lines and grade provided by the Construction Manager.

Article 26: Daily Reports

26.1 Each Trade Contractor/Subcontractor must submit, by 10:00 AM, the daily work report and activity reports for that same day including a detailed description of the work activities of the prior day. Daily reports must be received in full for the prior month as a condition of payment.

26.2 This report will be on a form approved by the Construction Manager and must indicate Supervisors, Journeymen, Laborers or Helpers and, by crew, the activities, related to the contractor's schedule, that are being performed and must include material deliveries, tests and other significant events.

26.2.1 Separate Daily Documentation of any "Changes in the Work" being performed on a time and material basis described in Article VI of the Contract Agreement.

26.2.2 Weekly minutes/reports of Safety Program "Tool Box Talks" meeting and other safety information.

Article 27: Project Labor Agreement (PLA)

27.1 If the Project is being completed under a Project Labor Agreement (PLA), all Trade Contractor/Subcontractors agree to abide by the terms and conditions of the PLA and if required sign the PLA.

Article 28: Sustainable Design/Construction Practices and LEED Compliance

28.1 The Trade Contractor/Subcontractor shall conduct its operations in a manner which supports the initiatives as identified by the United States Green Building Council, Leadership in Energy and Environmental Design (LEED). The Trade Contractor/Subcontractor shall implement the following as required by the Project Specifications:

1. Designate a qualified and trained Project LEED Representative
2. Provide products that minimize consumption of non-renewable resources, consume reduced amounts of energy and minimize amounts of pollution to produce, and employ recycled and/or recyclable materials.
3. Provide verification that materials used have been reviewed for environmental considerations as specified.

4. Conduct special meetings
5. Provide building commissioning plan.
6. Control environmental air quality pollutants by controlled selection of materials and processes used in project construction in order to attain acceptable indoor air quality as specified.

Article 29: Applicable Forms / Reports

- 29.1 See Contract Exhibits for additional project Specific Forms / Reports.
- Material Erection Status Report

Article 30: Project Safety Requirements

- 30.1 See Exhibit "F" Project Safety Requirements

Article 31: Liquidated Damages

- 31.1 If the Trade Contractor/Subcontractor fails to achieve Substantial Completion of the Work within the Contract Time and as otherwise required by the Contract Documents, the Owner shall be entitled to retain or recover from the Trade Contractor/Subcontractor, as liquidated damages and not a penalty, the sum of Two Thousand Dollars (\$2,000.00) per day, commencing upon the first day following the expiration of the Contract Time for Substantial Completion and continuing until the actual Date of Substantial Completion. Such liquidated damages are hereby agreed to be a reasonable pre-estimate of damages the Owner/CM will incur as a result of delayed completion of the work.

There is a provision for liquidated damages in the Contract Documents. The selected trade contractors shall be liable unto the Construction Manager for any liquidated damages for which the trade contractor extends their work activities beyond the durations identified in the project schedule per Exhibit 'C'. Each trade contractor causing extension to the project schedule shall be assessed \$2,000 per day (or any portion thereof) for each calendar day for which he is responsible (or partially responsible) beyond completing work that impacts the project. Any Trade Contractor with closeout type items (i.e. warranties, punch list, attic stock, O&M manuals, as-builts, keys, etc.) that are not complete and turned-over by the completion of this Acceptance period will be assessed a monetary value of \$2,000 per calendar day.



Exhibit I

Insurance Requirements

UCHC Interior Fit-Out

Dimeo Job No. 527-12

1. The Trade Contractor shall obtain and maintain insurance coverage on the following terms and in the following amounts, all such coverage to be occurrence based (Reference OCIP Manual attached hereto for further information):

<u>Coverage</u>	<u>Amount</u>
a. Commercial General Liability including Bodily Injury and Property Damage. Policy must include: Explosion, Collapse and Underground Hazards; Completed Operations Coverage; Contractual Liability, Premises Liability, independent contractor liability covering all operations of Trade Contractor and its subcontractors, contractual liability, including Trade Contractor’s obligations of indemnity under the Agreement, and elevator liability where applicable. Policy must be on the Insurance Services Office (ISO) 2001 form or equivalent. It is the responsibility of the Trade Contractor to maintain general liability coverage on an occurrence form including completed operations for a period of 5 years beyond final payment	\$1,000,000. Combined Single Limit Each Occurrence \$2,000,000. General Aggregate/On a per Project Basis \$2,000,000 Completed Operations Aggregate
b. Commercial Automobile Liability including Bodily Injury and Property Damage (Owned, Hired and Non-Owned)	\$1,000,000. Combined Single Limit Each Occurrence No Aggregate
c. Professional Liability	In the event Trade Contractor’s Scope of Work include the design of any component of the Work, prior to the start of work, Trade Contractor shall provide Certificates of Insurance certifying to the procurement of professional errors and omissions insurance covering those persons furnishing such design services in an amount not less than \$1 million or such greater amount as required by the Contract Documents. <ol style="list-style-type: none"> (a) Such insurance shall have an effective date and retroactive date prior to the start of all design work on this project. (b) Such insurance shall remain in full effect for a period of six (6) years from the date of



substantial completion with the original retroactive date carried forward, or will include six (6) years of “tail” coverage.

Trade Contractor shall provide to Construction Manager on an annual basis a list of all prior and subsequent claims upon such policies and an annual accounting of coverage limit available for each year.

- d. Workers Compensation. Coverage applies in the state work is performed. \$1,000,000 Minimum Employers Liability. W/C Statutory Limits Required.
 - e. Umbrella Liability \$10,000,000 Each Occurrence
\$10,000,000 General Aggregate, \$10,000,000 Completed Operations Aggregate
 - f. Construction Manager’s Equipment Floater (covering Trade Contractor’s equipment) – All Risk Insurance to protect the Trade Contractor against loss of, or damage to, its owned or rented capital equipment, tools, scaffolding, staging, towers and forms; including the provision for waiver of subrogation against Construction Manager, and the Owner.
2. In addition to the preceding the commercial general liability policy must include an endorsement or endorsements naming the Construction Manager, Owner and others as required by contract as additional insureds on a primary and noncontributory basis. Only the following ISO endorsements or their equivalents are acceptable:
- (i) CG2010 (11/85), or
 - (ii) CG2010 (10/01) when used with CG2037 (10/01), or
 - (iii) CG2033 (10/01) when used with CG2037 (10/01), or
 - (iv) CG2010 (07/04) when used with CG 2037 (07/04).
3. All commercial, auto and umbrella coverages must name the Construction Manager, Owner, and others as required under the Prime Contract, as additional insureds on a primary, non-contributory basis.
4. Current Certificates that evidence all such insurance shall be filed with the Construction Manager prior to the commencement of any work at the Project location for all liability, auto and umbrella coverages, and shall be in a form acceptable to Construction Manager. Trade Contractor shall be strictly obligated to immediately notify Construction Manager in writing should Trade Contractor receive any notice or notification in any form from any insurance carrier regarding the cancellation or suspension of, or any change in, any such coverages. Any failure to provide such immediate written notice to Construction Manager shall be deemed a material default and breach of Trade Contractor's obligations under the Agreement for which Construction Manager may immediately terminate the Agreement.



- a. The description of operations section of the certificate of insurance must include the following:
 - (1) a statement that the policies evidenced meet all the insurance requirements of Article IV of the Agreement.
 - (2) a list of all additional insureds required by the Agreement.
 - (3) a statement that the worker's compensation policy provides coverage in the state where the Work is performed.

- b. Failure of Construction Manager to demand such certificates or other evidence of full compliance with these insurance requirements or failure of the Construction Manager to identify a deficiency from evidence that is provided shall not be construed as a waiver of Trade Contractor's obligation to maintain such insurance. Construction Manager shall have the right, but not the obligation, of prohibiting Trade Contractor or any subcontractor from entering the Project site until such certificates or other evidence that insurance has been placed in complete compliance with these requirements is received and approved by Construction Manager. Failure to maintain the required insurance may result in termination of this Agreement at Construction Manager's option. If Trade Contractor fails to maintain the insurance as set forth herein, Construction Manager shall have the right, but not the obligation, to purchase said insurance at Trade Contractor's expense. With respect to insurance maintained after final payment in compliance with a requirement above, an additional certificate(s) evidencing such coverage shall be promptly provided to Construction Manager whenever requested. Trade Contractor shall provide certified copies of all insurance policies required above within 10 days of Construction Manager's written request for said copies.



UConn Health Center

Finance Corporation Ambulatory Care Center (ACC) Fit-Out

Owner Controlled Insurance Program



Version: 08/2013 (Dimeo)

TABLE OF CONTENTS

1.	INTRODUCTION.....	1
2.	ADMINISTRATION DIRECTORY.....	2-3
3.	PROGRAM DEFINITIONS.....	4-5
4.	INSURANCE OVERVIEW.....	6-7
5.	INSURANCE COVERAGE.....	8-13
	A. DESCRIPTION OF COVERAGE.....	8-9
	B. OCIP CERTIFICATES AND POLICIES.....	10
	C. TERMINATION/MODIFICATION OF THE OCIP.....	10
	D. ASSIGNMENT OF RETURN PREMIUMS.....	10
	E. CONTRACTOR/SUBCONTRACTOR PROVIDED COVERAGES.....	11-12
	F. CONTRACTOR/SUBCONTRACTOR CERTIFICATES OF INSURANCE.....	13
	G. NOTICE OF CANCELLATION.....	13
	H. OTHER INSURANCE.....	13
	I. WAIVER OF SUBROGATION.....	13
	J. NO RELEASE.....	13
	K. APPROVAL OF FORMS AND COMPANIES.....	14
	L. CONTRACTOR/SUBCONTRACTOR PARTICIPATION.....	14
6.	CONTRACTOR / SUBCONTRACTOR RESPONSIBILITIES.....	15-18
	A. CONTRACTOR INSURANCE COST IDENTIFICATION.....	16
	B. CHANGE ORDER / PURCHASE ORDER / WORK ORDER.....	17
	C. CONTRACTOR'S RESPONSIBILITY FOR ITS SUBCONTRACTORS.....	17
	D. AUDIT AND RECOVERY OF SUBCONTRACTOR 'INSURANCE COST'.....	18
7.	OCIP CONTRACTOR / SUBCONTRACTOR PROCEDURES.....	19-22
8.	OCIP FORMS AND SAMPLE ENDORSEMENT.....	23-30
9.	SUMMARY (CHECKLIST) OF REQUIRED PAPERWORK.....	31-32
10.	CLAIMS PROCEDURES MANUAL.....	33-42
11.	RISK / LOSS CONTROL MANUAL.....	43-45

INTRODUCTION

This manual identifies, defines, and assigns responsibilities related to the administration of the **UConn Health Center Owner Controlled Insurance Program (OCIP)**. *Please note that throughout this Manual Subcontractors of any tier are referred to as Contractors.*

This manual:

- Describes the OCIP and details the insurance related responsibilities of the various parties involved. **All insurance costs are to be included and identified in your bid and all change orders.**
- Provides a basic description of the OCIP structure and operation, with an overview of coverage provided by the OCIP and guidelines for carrying out specific administrative and audit procedures.
- Provides answers to questions that are likely to arise during the course of the project. Because it is impossible to anticipate every question or situation that may arise, the directory (page 2) lists those involved in the administration of the OCIP and their areas of expertise. **Please feel free to call with any questions.**
- Will be updated as changes dictate during the course of this project.
- ***Does not and is not intended to provide coverage interpretations. The terms and conditions of the policies alone govern how coverage is applied***

ADMINISTRATION DIRECTORY

OCIP SPONSOR:

UConn Health Center

263 Farmington Ave.
Farmington, CT 06032

Facilities, Development & Operations:

Tom Trutter

Phone: TBD
E-mail: trutter@uchc.edu

OCIP INSURANCE BROKER:

People's United Insurance Agency / RC Knox Division

One Goodwin Square
Hartford, CT 06103

Program Advisor:

Fred Tanguay

Phone: 860-524-7670
E-mail: FTanguay@rcknox.com

PROGRAM ADMINISTRATOR:

Willis of Massachusetts, Inc.

Three Copley Place, Suite 300
Boston, MA 02116

Office: 617-437-6900
Fax: 617-351-7430
E-mail: wrapup.boston@willis.com

Program Advisor:

Alice Sherman

Phone: 860-241-4425
E-mail: alice.sherman@willis.com

Program Manager: (Primary Contact)

Christina Weissensee

Phone: 617-351-7429
E-mail: christina.weissensee@willis.com

Safety/Loss Control:

Ed LaVallee

Phone: 617-510-8186
E-mail: ed.lavallee@willis.com

Claims Specialist:

Chris Miskavitch

Phone: 617-351-7462
E-mail: christopher.miskavitch@willis.com

ADMINISTRATION DIRECTORY CONTINUED

INSURANCE CARRIER (WC & GL):

The Hartford

One Hartford Plaza
Hartford, CT 06155

Program Manager:	Darren Goddard	Phone: 860-547-8208 E-mail: darren.goddard@thehartford.com
WC & GL Claims Contact:	Mark Lemire	Phone: 860-471-7296 E-mail: mark.lemire@thehartford.com
Safety/Loss Control:	Joseph Malva	Phone: 860-324-6809 E-mail: joseph.malva@thehartford.com
	Stephan Petrolati	Phone: 413-348-4674 E-mail: steve.petrolati@thehartford.com
	David Cole	Phone: 508-397-4994 E-mail: david.cole@thehartford.com

ALL WORKER'S COMPENSATION AND GENERAL LIABILITY CLAIMS SHOULD BE REPORTED TO DIMEO CONSTRUCTION (THE GENERAL CONTRACTOR) WHO WILL REPORT IT TO JACOBS AND ULTIMATELY THE CARRIER.

CONSTRUCTION MANAGER:

Jacobs

Senior Project Manager:	Ray LaBrec	Phone: 860-679-3299 E-mail: labrec@uchc.edu
Project Manager:	Zach Zelms	Phone: 860-679-3064 E-mail: zelms@uchc.edu
Sr. Construction HSE Manager:	Tom Royle	Phone: 832-477-6953 E-mail: royle@uchc.edu
Project Safety Manager:	Robert Paloma	Phone: 224-545-9796 E-mail: paloma@uchc.edu

ADMINISTRATION DIRECTORY CONTINUED

GENERAL CONTRACTOR:

Dimeo Construction

75 Chapman Street
Providence, RI 02905

SR. Project Manager:	James Bendokas	Phone: 401-639-4558 E-mail: jbendoka@dimeo.com
Site Safety Manager:	Bob Kunz	Phone: 401-226-1270 E-mail: bkunz@dimeo.com

PROGRAM DEFINITIONS

CERTIFICATE OF INSURANCE: Written evidence of the existence of coverage terms of a particular insurance policy.

CONTRACTOR: Company, including Construction Manager, General Contractor or Subcontractor of Any Tier, undertaking the execution of the Work.

ELIGIBLE CONTRACTORS: Contractors (see above definition) providing labor on site; Temporary labor services and leasing companies are to be treated as a subcontractor; The term ‘**Contractor(s)**’ as used throughout this Manual refers to all eligible contractors including the General Contractor, Trade Contractors and Subcontractors of all tiers unless more specifically defined otherwise.

ENROLLED CONTRACTORS: Eligible Contractors that have submitted all necessary enrollment information and have been accepted into the OCIP as evidenced by the Certificate of Insurance.

ENROLLMENT PACKAGE: The ‘Form 1: Insurance Cost Verification Form / Application for Insurance’, Contractor’s own policy rating pages and Off-Site Certificate of Insurance that is to be forwarded to the OCIP Administrator prior to starting work on the Jobsite.

EXCLUDED PARTIES: Contractors not eligible for enrollment. See Ineligible Contractors.

FINAL CONTRACT VALUE: The initial contract value upon contract award plus all approved Change Orders.

GENERAL CONTRACTOR: **Dimeo Construction**, hereinafter called the ‘General Contractor’. Firm under contract with **UConn Health Center** to oversee the construction of the project.

INELIGIBLE CONTRACTORS: At the discretion of **UConn Health Center** the following parties may be excluded:

- Demolition (where demolition is the only scope of work) and abatement contractors;
- Vendors, suppliers and fabricators (that do not perform or subcontract installation), material dealers, truckers, haulers, drivers and others who merely make deliveries or provide pick-up service at the site;
- Professional service providers such as architects, engineers, surveyors or other consultants or professionals;
- Guard services and janitorial services.

INSURANCE COST VERIFICATION FORM / APPLICATION FOR INSURANCE (FORM 1): Worksheet required to be completed by the Contractors to calculate their Estimated Insurance Cost to provide the insurance required by the Contract Documents. The worksheet is to be submitted with the bid/proposal form.

INSURANCE CARRIER: The Insurance Company issuing policies for the OCIP. **The Hartford** is the Insurance Company providing coverage for the Worker’s Compensation and General Liability. **ACE** is the Insurance Company providing coverage for the Contractors Pollution Liability.

INSURANCE MANUAL: Manual outlining OCIP procedures.

INSURED: **UConn Health Center**, Construction Manager, General Contractor, Contractors and Subcontractors of any tier who are properly enrolled in the OCIP and who have been named in the policy, certificate of insurance, or advice of insurance.

JOBSITE: See definition for Project Site below.

OCIP ADMINISTRATOR: The Firm, Willis, responsible for the brokering and administration of the Owner Controlled Insurance Program. More specifically OCIP Manager refers to the individual at Willis (Christina Weissensee) responsible for the day-to-day administration of the program (refer to the directory for all contact information).

OFF-SITE: Generally refers to operations outside the defined jobsite, such as at a Contractor's fabrication facility.

OFF-SITE CERTIFICATE OF INSURANCE: Certificates setting forth the required coverages maintained by Contractors beyond the OCIP coverage.

ON-SITE ACTIVITIES: Those activities at the Project Site or emanating from the Project Site, such as adjacent sidewalks, streets and contiguous areas; the OCIP does not provide insurance coverage for permanent yards or other locations of the Contractors, except as specifically requested by the Contractors, approved by **UConn Health Center** and endorsed by Insurer.

OWNER: See Sponsor.

OWNER CONTROLLED INSURANCE PROGRAM (OCIP): A coordinated insurance program providing specific insurance coverage as generally described in this manual for work on this project. A program under which Worker's Compensation, Employer's Liability, Commercial General Liability and Excess Liability are procured or provided on a project "wrap-up" basis for Contractors, who have been properly enrolled, while performing operations at the **UConn Health Center** Project site.

PROJECT SITE: The site designated by **UConn Health Center** and on file with Insurer. The Project Site is located at **Farmington Ave, Farmington, CT** and includes operations necessary or incidental thereto. The site does not include operations at your regularly established workplace, plant, factory, office, shop, warehouse, yard or other property even if such operations are for fabrications of materials to be used at the job site.

REPORTED PAYROLL: Payroll reported by Contractors to the OCIP Administrator for work expended on the Jobsite.

SAFETY CONSULTANTS: These representatives are employees of the Insurer and Willis who will provide safety consulting services to **UConn Health Center** and its Contractors enrolled in the OCIP.

SPONSOR: **UConn Health Center**, the purchaser of the OCIP; also referred to as the Owner.

SUBCONTRACTOR OF ANY TIER: Subcontractors and lower tier subcontractors engaged to perform work on the Project. **Throughout this Manual, Subcontractors of any tier are referred to as Contractors.**

INSURANCE OVERVIEW

UConn Health Center has elected to implement an Owner Controlled Insurance Program (OCIP) that will provide Workers' Compensation, Employers' Liability, General Liability and Excess Liability for all eligible **enrolled** contractors and subcontractors of every tier and Contractors' Pollution Liability and Builders' Risk for subcontractors of every tier providing direct labor on the designated project. **UConn Health Center** will pay all premiums associated with the OCIP policies including deductibles or self-insured retention.

PARTICIPATION IN THE OCIP IS MANDATORY BUT NOT AUTOMATIC.

UConn Health Center has decided on an Add-Alternate Insurance Cost Identification Program and requires that all insurance costs for coverages provided under the OCIP be excluded but identified in all bids. Form 1 (included in this manual) must be completed and submitted with all bids. All insurance costs must be excluded but identified on all change orders by completing Form 6 (please refer to Item B on Page 18 for more detail).

Upon Contract award, eligible Contractors of all tiers will be required to submit enrollment forms to the OCIP Administrator. After receipt of the required forms, the OCIP Administrator will issue a certificate of insurance to the Enrollee. The Certificate issued by the OCIP Administrator will provide evidence of OCIP coverage for the Enrollee's on-site operations. An individual Workers' Compensation policy will automatically be issued to each Enrollee, and a copy of the General Liability and Excess Liability policies are available from the OCIP Administrator upon request.

Contractors are required to provide evidence of Workers' Compensation, General Liability and Excess Liability insurance for off-site operations. ***Contractors must also provide evidence of coverage for their Owned, Non-Owned and Hired Automobiles (Automobile Liability) as the OCIP does not provide this coverage.***

It is the obligation of Enrollees to notify their own insurance agents, brokers and companies of their OCIP participation to avoid duplication of coverage. Enrollees should request that any payroll expended for the Project be excluded from future audits of policies they carry outside of the OCIP. Additionally, Enrollees should ask their insurance agent or broker to review the coverage provided by the OCIP. Policy forms are available for review upon written request to the OCIP Administrator.

Certain work is excluded from the OCIP. Entities performing such are responsible for procuring and maintaining their own insurance (as set forth in Section 'E' of this section) and must provide the necessary documentation. The following are types of typically excluded work (*note that **UConn Health Center reserves the right to determine if a type of work should be added or removed from the list***):

- Demolition (where demolition is the only scope of work) and abatement contractors;
- Vendors, suppliers (that do not perform or subcontract installation), material dealers, haulers/truckers or others only making deliveries or providing pick-up service at the site;

- Professional service providers such as architects, engineers, surveyors or other consultants or professionals;
- Guard services and janitorial services.

While the OCIP is intended to provide broad coverages and high limits, the OCIP is not intended to meet all the insurance needs of a Contractor/Subcontractor. ***The OCIP does not provide coverage for Automobile Liability, Equipment Floaters or Performance Bonds.*** We recommend that each Contractor/Subcontractor discuss the OCIP with their insurance agent or consultant to ensure that other proper coverages are maintained.

If you have any question regarding your eligibility or that of one of your subcontractors, please contact the Willis Program Manager (see Page 2).

INSURANCE COVERAGE

This section provides a brief outline of the OCIP Coverages and Limits.

The term ‘Contractor(s)’ refers to all eligible contractors including the General Contractor, Trade Contractors and Subcontractors of all tiers.

The OCIP is for the benefit of **UConn Health Center**, and contractors of all tiers (unless specifically excluded) who have on-site employees. Such coverage applies only to work performed under this contract at the Project Site, as defined above. All contractors must provide their own insurance for off-site activities (see item ‘E’ below).

The OCIP policies are available for review by the contractor upon request to Willis as the administrator of the **UConn Health Center OCIP**. The terms of such policies or programs, as such policies or programs may be from time to time amended, are incorporated herein by reference. The Contractor hereby agrees to be bound by the terms of coverage as contained in such insurance policies.

Through the OCIP, UConn Health Center will provide and maintain in force the types of insurance listed in subparagraphs (1) through (3) below for all eligible and ENROLLED contractors and all tiers of subcontractors.

A. DESCRIPTION OF OCIP COVERAGE

The following sections OUTLINE the policies that **UConn Health Center** has arranged for this project. Contractors should refer to the policy for actual terms, conditions, exclusions, and limitations. All insurance policies provided by the Owner are primary and non-contributory.

1. Workers’ Compensation and Employer’s Liability

It is provided in accordance with applicable state law. Each enrolled Contractor of any tier will be issued a separate Workers’ Compensation and Employer’s Liability policy.

		<u>Policy Limit</u>
Part One	Workers’ Compensation	Statutory Limit
Part Two	Employer’s Liability	
	Bodily Injury By Accident, Each Accident	\$1,000,000
	Bodily Injury By Disease, Each Accident	\$1,000,000
	Bodily Injury By Disease, Policy Limit	\$1,000,000

2. Commercial General Liability

A single General Liability policy will be issued for all Enrolled Contractors with all Enrolled Contractors Named as Insureds, a copy can be obtained from the OCIP Program Manager.

- Seven Years Products & Completed Operations
- Other Extensions of Coverage and Policy Exclusions/Restriction.

- Occurrence Basis;
- Personal Injury;
- Products – Completed Operations Aggregate Limit;
- Designated Project – General Aggregate Limit

	<u>Limits of Liability</u>
Annual General Aggregate	\$4,000,000
Project Products/Completed Operations Aggregate	\$4,000,000
Personal/Advertising Injury – Each Occurrence	\$2,000,000
Each Occurrence Limit	\$2,000,000
Medical Expense Limit (any one person)	\$10,000
Fire Damage Legal Liability (any one fire)	\$300,000

3. Excess Liability

Excess Liability coverage will be provided under a master liability policy for all insureds. Certificates of insurance will be provided to the contractor reflecting the Limits of Liability, Coverage's, and Terms as follows:

- Limits of Liability:
 - \$100,000,000 Any one occurrence and general aggregate; and
 - \$100,000,000 Aggregate Products and Completed Operations.
- Coverage's and Terms:
 - Excess of General Liability
 - Excess of Employer's Liability
 - Completed Operations (Seven Year Term)

4. Builder's Risk Insurance - (This program is separate from the OCIP)

This insurance will include **UConn Health Center**, the General Contractor and all Contractors of every tier as Named Insureds. Certificates of Insurance will be provided as requested to the contractor and all tiers of subcontractors reflecting limits of equivalent to the replacement cost valuation.

Materials, supplies, and equipment destined to become a permanent part of the completed structure while on or about the Project site or at other locations approved by Owner's Risk Manager and or project management in writing will be covered.

Contractors' tools, equipment, vehicles, mobile equipment and other materials not to become a permanent part of the completed structure are excluded from coverage.

The Contractors agree to indemnify, defend, and hold **UConn Health Center** and its officers, agents, and employees harmless from any such loss, theft, or disappearance of tools or equipment that are **not to become a permanent part of the completed structure**. The Contractors waive all rights of recovery and shall cause their carriers to waive subrogation rights.

5. Pollution Liability - (This program is separate from the OCIP)

This insurance will include **UConn Health Center**, the General Contractor and Contractors of every tier as Named Insureds. Certificates of Insurance will be provided as requested to the contractor and all tiers of contractors reflecting limits of \$10,000,000 for each loss and \$10,000,000 aggregate. Completed operations term is seven years.

B. OCIP CERTIFICATES AND POLICIES.

All insurance coverage under the OCIP, furnished by **UConn Health Center**, outlined above shall be written by insurance companies approved by **UConn Health Center**. **UConn Health Center**, through the OCIP Administrator, shall provide all **enrolled** contractor(s) with appropriate policies or certificates of insurance evidencing the coverage outlined above.

NO CONTRACTOR IS PERMITTED ON-SITE UNTIL A CERTIFICATE HAS BEEN ISSUED BY WILLIS (THE OCIP ADMINISTRATOR). WILLIS REQUIRES 48 HOURS TO PROCESS ALL ENROLLMENTS BEFORE A CERTIFICATE WILL BE ISSUED - NO EXCEPTIONS WILL BE MADE.

C. TERMINATION/MODIFICATION OF THE OCIP.

UConn Health Center through its risk management department reserves the right to terminate or to modify the OCIP or any portion thereof. To exercise this right, **UConn Health Center** shall provide sixty (60) days advance written notice to all contractors covered by the OCIP. The contractors shall immediately be required to obtain appropriate replacement insurance coverage acceptable to **UConn Health Center**. See Section 'E' below for the coverage requirements in the event of a cancellation; coverage will be required for all operations. **UConn Health Center** will reimburse the cost of such replacement insurance based on the verified insurance cost per the Form 1 insurance cost pro rated for the remaining term of the project. Written evidence of such insurance shall be provided to **UConn Health Center** prior to the effective date of the termination or modification of the OCIP.

D. ASSIGNMENT OF RETURN PREMIUMS.

UConn Health Center will be responsible for the payment of all premiums associated with the OCIP policies and will be the sole recipient of any dividends and/or return premiums generated by the OCIP. In consideration of **UConn Health Center's** provision of said coverages the contractors agree to:

- Identify all applicable insurance costs in their award price; furnish the proper documentation to support this cost and cooperate with the OCIP Insurance Administrator in the confirmation of all contractor's insurance cost.
- Irrevocably assign to and for the benefit of **UConn Health Center**, all return premiums, premium refunds, premium discounts, dividends, credits, and any other monies due **UConn Health Center** in connection with the Insurance which **UConn Health Center** herein agrees to provide, and agrees to evidence same by signing the Form 1. The Contractor further agrees to require each subcontractor to execute the assignment on the Form 1, for the benefit of **UConn Health Center**. (The assignment agreement is found in Form 1, page 2 of 2.)

SPECIAL NOTE -- WARRANTY PERIOD

Any contractor who has otherwise completed their work at the Project Site and whose insurance as provided by the **UConn Health Center** OCIP has been terminated, who returns to the site to perform warranty type work does so under its own insurance coverage's and not under those provided by the **UConn Health Center** OCIP.

E. CONTRACTOR PROVIDED COVERAGES.

All **Ineligible** contractors (as defined on pages 5 & 6) shall promptly furnish to the Insurance Administrator certificates of insurance giving evidence that the following coverage's are in force for **all operations** for any work under this contract, and until completion and final acceptance of the work.

All **Eligible** contractors shall promptly furnish to the Insurance Administrator certificates of insurance giving evidence that the following coverage's are in force for off-site activities, **except the Automobile Liability which must be in force for all operations**, for any work under this contract, and until completion and final acceptance of the work:

(1) **Automobile Liability Insurance (All Operations for All Contractors):**

The Contractor and each of his subcontractors performing operations or services at the site shall provide at their own expense Automobile Liability Insurance covering all owned, non-owned, and hired vehicles used in connection with the work. The State of Connecticut, University of Connecticut, UConn Health Center, UConn Health Center Finance Corporation, Design-Builder, architect, and their respective parent companies, subsidiaries, related and affiliated companies of each, and the agencies, departments, officers, directors, representatives, agents, employees and assigns of each shall be endorsed as Additional Insureds. A Waiver of Subrogation in favor of The State of Connecticut, University of Connecticut, UConn Health Center, UConn Health Center Finance Corporation, Design-Builder, architect, and their respective parent companies, subsidiaries, related and affiliated companies of each, and the agencies, departments, officers, directors, representatives, agents, employees and assigns of each shall be endorsed to the policy.

The limits shall not be less than:

- (a) Bodily Injury \$1,000,000 per occurrence;
- (b) Property Damage \$1,000,000 per occurrence
- (c) If a Combined Single Limit is provided, the total coverage shall not be less than \$1,000,000 per occurrence

(2) **Workers' Compensation and Employer's Liability Insurance (Off-Site Activities Only for OCIP Eligible Contractors, All Operations for OCIP Ineligible Contractors):**

Statutory Limits with All States Endorsement and minimum Employer's Liability Limits will be provided as follows:

- (a) \$1,000,000 Bodily Injury with Accident - Each Accident
- (b) \$1,000,000 Bodily Injury by Disease - Policy Limit
- (c) \$1,000,000 Bodily Injury by Disease - Each Employee; and
- (d) A Waiver of Subrogation in favor of UConn Health Center Health, the Construction Manager and the General Contractor shall be endorsed to the policy.

(3) **Commercial General Liability Insurance (Off-Site Activities Only for OCIP Eligible Contractors, All Operations for OCIP Ineligible Contractors):**

- (a) Limits of Liability:
 - (i) \$1,000,000 Each Occurrence
 - (ii) \$2,000,000 General Aggregate
 - (iii) \$1,000,000 Products/Completed Operations

- (b) Including the following coverages:
 - (i) Occurrence Basis;
 - (ii) Premises operations;
 - (iii) Contractual Liability;
 - (iv) Products/Completed Operations;
 - (v) Broad Form Property Damage; and
 - (vi) Independent Contractors.
- (c) The State of Connecticut, University of Connecticut, UConn Health Center, UConn Health Center Finance Corporation, Design-Builder, architect, and their respective parent companies, subsidiaries, related and affiliated companies of each, and the agencies, departments, officers, directors, representatives, agents, employees and assigns of each shall be endorsed as Additional Insureds.
- (d) A Waiver of Subrogation in favor of The State of Connecticut, University of Connecticut, UConn Health Center, UConn Health Center Finance Corporation, Design-Builder, architect, and their respective parent companies, subsidiaries, related and affiliated companies of each, and the agencies, departments, officers, directors, representatives, agents, employees and assigns of each shall be endorsed to the policy.

(4) **Excess Liability Insurance**

- (a) Limits of Liability for **General Contractor**:
 - (i) \$50,000,000 Any one occurrence and general aggregate annually; and
 - (ii) \$50,000,000 Annual Aggregate Products and Completed Operations.
- (b) Limits of Liability for ***Contractors and Subcontractors of All Tiers who perform the following trades: Demolition, Abatement, Cast in Concrete, Structural Steel, Miscellaneous Metals, Roofing, Glass & Glazing, Drywall, Fire Protection, Plumbing, HVAC & ATC, Electrical:***
 - (i) \$5,000,000 Any one occurrence and general aggregate annually; and
 - (ii) \$5,000,000 Annual Aggregate Products and Completed Operations.
- (c) Limits of Liability for ***Contractors and Subcontractors of All Tiers who perform the remaining trades not listed above:***
 - (i) \$2,000,000 Any one occurrence and general aggregate annually; and
 - (ii) \$2,000,000 Annual Aggregate Products and Completed Operations.
- (d) Coverage's and Terms:
 - (i) Excess of General Liability
 - (ii) Excess of Employer's Liability
 - (iii) Completed Operations
- (e) The State of Connecticut, University of Connecticut, UConn Health Center, UConn Health Center Finance Corporation, Design-Builder, architect, and their respective parent companies, subsidiaries, related and affiliated companies of each, and the agencies, departments, officers, directors, representatives, agents, employees and assigns of each shall be endorsed as Additional Insureds.
- (f) A Waiver of Subrogation in favor of The State of Connecticut, University of Connecticut, UConn Health Center, UConn Health Center Finance Corporation, Design-Builder, architect, and their respective parent companies, subsidiaries, related and affiliated companies of each, and the agencies, departments, officers, directors, representatives, agents, employees and assigns of each shall be endorsed to the policy.

Note: If your contract requires you to add any further additional insureds to your policies these must also be shown on the certificate of insurance submitted to Willis.

If the contractor chooses to have any policy (through which coverage is provided under the OCIP) endorsed to recognize the project site during the construction period, coverage should be Excess and/or Difference in Conditions (DIC) of the OCIP. This shall not reduce the cost identification requirement nor shall the contractor pass these charges back to the Owner.

F. CONTRACTORS CERTIFICATES OF INSURANCE.

All required insurance shall be maintained without interruption from the date of commencement of the work under the contract until the date of the final payment. The contractor will provide the Insurance Administrator with a certificate of insurance setting out the above coverage's, limits, and amendments to the certificate necessitated by changes to the work to be performed under the contract until the date of final payment. Such certificate shall be forwarded to the Insurance Administrator at:

UConn Health Center
c/o Willis - Wrap Up Dept.
Three Copley Place, Suite 300
Boston, MA 02116
wrapup.boston@willis.com

G. NOTICE OF CANCELLATION.

Policies and/or certificates shall specifically provide a thirty (30) day notice of cancellation, non-renewal or material change to be sent to:

UConn Health Center
c/o Willis - Wrap Up Dept.
Three Copley Place, Suite 300
Boston, MA 02116
wrapup.boston@willis.com

H. OTHER INSURANCE.

Any type of insurance or any increase of limits of liability not described above which a contractor/subcontractor requires for their own protection or on account of any statute shall be their own responsibility and their own expense. **All insurance coverages and costs provided by the contractor on this project must be identified.**

I. WAIVER OF SUBROGATION.

The contractor waives all rights of subrogation and recovery against The State of Connecticut, University of Connecticut, UConn Health Center, UConn Health Center Finance Corporation, Design-Builder, architect, and their respective parent companies, subsidiaries, related and affiliated companies of each, and the agencies, departments, officers, directors, representatives, agents, employees and assigns of each to the extent of any loss or damage, which is insured under the OCIP. Notwithstanding the foregoing and not by way of limitation of the same, contractor waives their rights of subrogation and recovery for damage to any property, or equipment against UConn Health Center Health, the Construction Manager and the General Contractor, other contractors and subcontractors of all tiers. Each contractor shall require all

subcontractors to similarly waive their rights of subrogation and recovery in each of their respective construction contracts with respect to their work.

J. NO RELEASE.

The carrying of the above-described insurance shall in no way be interpreted as relieving the contractor of any other responsibility or liability under this agreement or any applicable law, statute, regulation or order.

K. APPROVAL OF FORMS AND COMPANIES.

All insurance described in this contract shall be written by an insurance company or companies licensed to do business in Maine, be rated A- or higher by AM Best and shall be in a form and content satisfactory to **UConn Health Center** and its risk management department. No party subject to the provisions of this contract shall violate or knowingly permit to be violated any of the provisions of the policies of insurance described herein.

L. CONTRACTOR/SUBCONTRACTOR PARTICIPATION.

Upon execution of the contract, the contractor will immediately report all new subcontracts to the Insurance Administrator for enrollment in the OCIP. The contractor shall incorporate all the provisions of this manual in all subcontractor agreements. All awarding contractors shall cause their subcontractors to cooperate fully with **UConn Health Center**, the Insurance Administrator and the Insurance Companies for the project, in the administration of the OCIP and in the safety and accident prevention program and claim handling procedures as established for the project.

In accordance with this manual, the Contractor shall not permit any Contractor of any tier to enter the UConn Health Center Project Site prior to enrollment in the Owner Controlled Insurance Program (OCIP) and prior to the issuance of an OCIP certificate of insurance unless they are Ineligible and covered by their own insurance; failure to do so shall negate the afforded coverage's and could result in fines. Failure to cooperate with OCIP responsibilities may result in delayed progress payments.

CONTRACTOR RESPONSIBILITIES

The term 'Contractor(s)' refers to all eligible contractors including the General Contractor, Trade Contractors and Subcontractors of all tiers.

The Contractor is required to cooperate with UConn Health Center and Willis, the OCIP Insurance Administrator, with regards to the administration and operation of the OCIP. No Contractor of any tier is permitted to start work on-site until they are properly enrolled in the OCIP and a certificate of insurance has been issued. Willis requires 48 hours to process all enrollments before a certificate will be issued – no exceptions will be made.

The contractor's responsibilities shall include, but not be limited to:

- Compliance with applicable Construction Safety Program, OCIP Manual and Claims procedures as outlined in the respective manuals setting forth the administrative procedures required of the contractors;
- Provision of necessary contract, operations and insurance information;
- Immediately notifying Willis of all subcontract awards by submitting the 'Form 4: Notice of Subcontract Award'. Furnish all new subcontractors the OCIP Manual as part of the bid documents;
- Maintenance and provision of monthly payroll records and other records as necessary for premium computation;
- Cooperation with the Insurance Carrier and Willis with respect to requests for claims, payroll or other information required under the program;
- Immediately notifying **UConn Health Center** that any contractor provided coverages have been cancelled, materially changed, or not been renewed.
- Complete the following administrative forms and submitting them to Willis within the time frames specified:
 - **Form 4: Notice of Subcontract Award** - Upon execution of a subcontract.
 - **Form 1: Insurance Cost Verification Form/Application for Insurance** – To be submitted as soon as a contract is awarded and no later than 72 hours prior to starting work on site (Form 1 should also be submitted with the bid).
 - **Form 6: Supplemental Insurance Information** (identifying insurance cost on additional contracts or cumulative change orders totaling \$150,000) - Upon approval of additional work or contract award.
 - **Form 3: Monthly Payroll Reporting Form** – To be submitted each month to Willis. *Please refer to page 22 for details on payroll reporting.*

- **Certificate of Insurance** evidencing coverage for off-site work (on and off site for auto) – to be submitted with Form 1.
- **Form 5: Notice of Substantial Completion** - Upon completion of all work being performed under the contract.

Failure to follow the procedures outlined in the OCIP Manual could result in fines being assessed by the State’s Workers’ Compensation Commission or State Claims Bureau/Authority against the contractor. **UConn Health Center** shall deduct from monies due or to become due under the provisions of this contract for any applicable fines that are assessed against a contractor.

A. CONTRACTOR INSURANCE COST IDENTIFICATION

All bids are to be submitted excluding (but identifying) all insurance costs. Contractors of all tiers shall identify their cost for all insurance coverages to be provided by the Owner for the work at the Project site as an add-alternate cost of insurance on the ‘**Form 1: Insurance Cost Verification Form / Application for Insurance**’ (see Section 8 of this manual for a copy of the form). The following procedures should be followed in determining this insurance cost:

- **Form 1 calculations should be based on first dollar cost.** Contractor insurance programs that include high deductibles; self-retention levels; self-insured portions (Workers’ Compensation or General Liability) must use the following for their calculations:
 - Although Deductible or Self-Retention Credits or Self-Insured amounts are to be identified, they will not serve to reduce insurance costs. To accurately calculate the actual cost of insurance when using any of these programs requires including the cost for projected loss funding. Verification of this amount requires that the Contractor furnish loss runs and payroll information on all work (including any Wrap-Ups) for the last four years.
 - Policies using Composite rates must show at a minimum the deductible/self-retention/self-insured amount and the rating breakdown. If the credit percentage is not available, minimum and maximum rates for the program must be identified.
 - Corporate allocations will not be allowed; the same format for calculation as shown for Composite Rates must be shown on the Form 1 and furnished with the bid documents.
- Any credits (other than credits for deductibles or self-retention or self-insured plans), or surcharges shown on the declaration and/or rating sheets will be used to calculate contractor’s actual cost.

If the Contractor does not furnish the required information shown above, state rates will be used for Workers’ Compensation calculations and rates furnished by the OCIP Insurer will be used for General Liability calculations.

Coverage and limit requirements for purposes of calculation of the insurance are as follows:

- (1) Workers’ Compensation and Employer’s Liability Insurance:
 - Statutory Limits with All States Endorsement; and Employer’s Liability Limits:
 - (a) \$1,000,000 Bodily Injury with Accident - Each Accident;
 - (b) \$1,000,000 Bodily Injury by Disease - Policy Limit

- (c) \$1,000,000 Bodily Injury by Disease - Each Employee
- (2) Commercial General Liability Insurance:
 - (a) \$1,000,000 Each Occurrence
 - \$2,000,000 General Aggregate
 - \$1,000,000 Products/Completed Operations

Coverages should include but not limited to the following supplementary coverages:

- (i) Contractual Liability to cover liability assumed under this agreement;
- (ii) Premises operations;
- (iii) Explosion, collapse and underground hazards (deletion of the X,C,U exclusions) if such exposure exists;
- (iv) Products/Completed Operations;
- (v) Broad Form Property Damage; and
- (vi) Independent Contractors.
- (3) Excess Liability Insurance:
 - (b) (a) Limits of Liability for **Contractors and Subcontractors of All Tiers who perform the following trades: Cast in Concrete, Structural Steel, Miscellaneous Metals, Roofing, Glass & Glazing, Drywall, Fire Protection, Plumbing, HVAC & ATC, Electrical:**
 - \$5,000,000 Any one occurrence and general aggregate annually; and
 - (i) \$5,000,000 Annual Aggregate Products and Completed Operations.
 - (b) Limits of Liability for **Contractors and Subcontractors of All Tiers who perform the remaining trades not listed above:**
 - (i) \$2,000,000 Any one occurrence and general aggregate annually; and
 - (ii) \$2,000,000 Annual Aggregate Products and Completed Operations.
 - (c) Coverage's and Terms:
 - (i) Excess of General Liability
 - (ii) Excess of Employer's Liability
 - (iii) Completed Operations

It is understood and agreed that the insurance cost identified on the Form 1 is the cost of insurance excluded from the bid price. The final insurance cost will be subject to review and audit of actual insurance policies rate information, actual payrolls and revenues for the initial award plus any additive amendments. During the term of Contractor/Subcontractor's contract, including extended periods thereof, **UConn Health Center** shall have the right to recover any costs for insurance as described above that are in addition to those initially identified by the Contractor/Subcontractor on the initial Form 1 included with the bid.

B. CHANGE ORDER / PURCHASE ORDER / WORK ORDER

Contractor shall price, and shall require that all enrolled contractors price Change Orders, and/or any Purchase Order or Work Order to exclude the cost to provide insurance as specified above in Paragraph "A" and they must identify the amount of insurance excluded in the change order proposals using the Form 6 when changes total a cumulative amount of \$150,000.

C. CONTRACTOR'S RESPONSIBILITY FOR ITS SUBCONTRACTORS.

The contractor or awarding contractor shall require each of its subcontractors to identify their cost for any and all of their workers' compensation, general liability and excess liability exposures associated with work performed on the project site as described above in Paragraph "A". The contractor or awarding contractor shall include information concerning the OCIP in every subcontract so that such provisions will be binding upon each subcontractor. Each awarding contractor of any tier will include all of the provisions of the OCIP in every lower tier subcontract.

D. AUDIT AND RECOVERY OF CONTRACTOR "INSURANCE COST"

For insurance purposes, **contractors of all tiers** will agree to keep and maintain accurate and classified record of their payroll for operation at the project site. Contractors further agree to furnish to the OCIP Insurance Administrator full and accurate payroll data and information monthly on 'Form 3: Monthly Payroll Reporting Form' in accordance with the requirements of this OCIP Manual (please refer to **Section 7, page 22**).

All contractors shall further permit examination and/or audit of its books and records by the OCIP Carrier (The Hartford). Contractor shall also provide any additional information to **UConn Health Center** or their appointed representatives as may be required to complete an audit of the OCIP policies.

During the term of the contractor's contract, including extended periods thereof, **UConn Health Center** shall have the right to adjust the contract price to reflect any additional costs for the contractor's insurance had **UConn Health Center** not implemented an OCIP. All costs for sub-tier contractors will be collected through changes to the prime subcontractor's contract.

OCIP CONTRACTOR PROCEDURES

Administration is an integral part of the success of the OCIP. All contractors must be properly enrolled in the OCIP and have copy of their OCIP Certificate of Insurance before access to the project site is allowed. Willis requires 48 hours to process all enrollments before a certificate will be issued. Contractors should contact their insurance agent for assistance in completing the forms and following the administration process.

The contractor shall adhere to and perform all reporting requirements as detailed. Failure to follow the procedures outlined in the manual could result in fines assessed by the appropriate state agencies or commissions or default judgments from a lawsuit against **UConn Health Center** or the contractor. The Party at Fault shall at their own expense be responsible for any fines or judgments arising out of failure to follow these procedures. **UConn Health Center** shall deduct from monies due or to become due under the provisions of this contract for any applicable fines or judgments that are assessed.

The term ‘Contractor(s)’ refers to all eligible contractors including the General Contractor, Trade Contractors and Subcontractors of all tiers.

Coverage under the OCIP is required, but not automatic. The Contractors must be properly enrolled in the OCIP before access to the Project Site is allowed.

To properly manage the OCIP, the following procedures must be followed:

▪ **AT BID**

Each contractor submitting a bid for work at the project site shall complete the **Form 1: Insurance Cost Verification Form / Application for Insurance** and present it as part of their bid submission. Your calculation must be the rates scheduled on your existing worker’s compensation, general liability and excess liability policies reflecting all credits and/or surcharges including but not limited to insurance premiums and/or expected losses within any retention or deductible program. Please refer to Section 6, Item A (page 17) for how to determine rates if not under a guaranteed cost program. **A copy of all policy declaration pages and all rating sheets must be attached to the Form 1.**

Note: The **Start Date** indicated on the subcontract award form is the date that the Subcontractor is expected to begin operations at the project site. This is the date coverage will be effective under the OCIP. If the Subcontractor has already started work at the project site, then the effective date of coverage will be agreed to by the Insurance Administrator (Willis), the Carrier (The Hartford) and **UConn Health Center**. **Back dating coverage will require proof of no on-site losses and if a loss did occur coverage will take effect after the date of loss.**

▪ **AT CONTRACT AWARD**

When an enrolled contractor, of any tier, awards a subcontract, the awarding contractor shall complete a **Form 4: Notice of Subcontract Award** on each new subcontractor and immediately forward to the Insurance Administrator. It is the awarding contractor’s

responsibility to assure that their subcontractors complete the **Form 1: Insurance Cost Verification Form / Application for Insurance** and immediately forwards to the Insurance Administrator. Failure by the lower tier subcontractors to follow the OCIP procedures could result in penalties to the awarding contractor. The awarding contractor will be responsible for furnishing copies of the OCIP Manual in the bid documents to all their subcontractors, and for assisting in securing the required enrollment and payroll/premium information from their subcontractors of all tiers.

■ **PRIOR TO ENTERING THE SITE**

Contractor must submit the completed and signed **Form 1: Insurance Cost Verification Form / Application for Insurance** to the OCIP Manager with **copies of the contractor's policy rating pages**. Willis requires **Form 1** to be submitted as soon as a contract is awarded and no later than 72 hours prior to starting work on site.

The **Certificate of Insurance** evidencing the Contractor Provided Coverages must also be included with Form 1. The certificate should reflect that your current Workers' Compensation, General Liability, Automobile Liability and Excess Liability and exclude coverage on the Project site (WC & GL Only) if you have chosen to do so. This alerts your insurance company to notify the audit department that all payroll and/or receipts for this project should be excluded from your audit. The certificate must also show that The State of Connecticut, University of Connecticut, UConn Health Center, UConn Health Center Finance Corporation, Design-Builder, architect, and their respective parent companies, subsidiaries, related and affiliated companies of each, and the agencies, departments, officers, directors, representatives, agents, employees and assigns of each, and all others required by contract are endorsed as Additional Insureds on the General Liability, Automobile Liability and Excess Liability policies. A Waiver of Subrogation in favor of The State of Connecticut, University of Connecticut, UConn Health Center, UConn Health Center Finance Corporation, Design-Builder, architect, and their respective parent companies, subsidiaries, related and affiliated companies of each, and the agencies, departments, officers, directors, representatives, agents, employees and assigns of each shall also be endorsed to the Workers Compensation, General Liability, Automobile Liability and Excess Liability.

- Upon receipt of the completed **Form 1: Insurance Cost Verification Form / Application for Insurance** including the rating data and the Certificate of Insurance evidencing the contractor provided coverages; the Insurance Administrator will issue the OCIP Certificate of Insurance. The Certificate of Insurance evidences the OCIP Workers' Compensation, Employer's Liability, General Liability, Excess Liability, Contractors Pollution Liability and Builders Risk coverage. The documentation is forwarded to the Carrier (The Hartford) who will issue the Workers' Compensation policy as well as the required Workers' Compensation posting notices for transmittal to the contractor. A copy of the General Liability policy can be obtained by sending a request to Willis at wrapup.boston@willis.com.

Contractors will not be allowed on the project site until they have submitted Form 1 and a Certificate of Insurance AND have received an OCIP Certificate of Insurance from Willis. Failure to enroll in the OCIP prior to starting work on-site could result in fines to both the Awarding Contractor and the Subcontractor.

■ **ADDITIONAL CONTRACT AWARDS**

If a contractor has been awarded more than one contract on this project, **Form 1: Insurance Cost Verification Form / Application for Insurance** must be completed by the contractor on the first contract, for each additional contract, the **Form 6: Supplemental Insurance Information** may be completed and forwarded to Insurance Administrator.

■ **CHANGE ORDERS**

If a contractor has cumulative change orders, purchase orders or work orders totaling \$150,000, the **Form 6: Supplemental Insurance Information** must be completed and forwarded to Insurance Administrator to identify the insurance costs excluded in the changes.

■ **PAYROLL REPORTING AND AUDITS**

Payroll must be recorded monthly on the **Form 3: Monthly Payroll Reporting Form. Certified Payroll Reports are not acceptable.** All contractors of all tiers are required to submit a monthly report of man hours and payroll to Willis **within 10 days following the end of the month.**

- Project Payroll shall include the total remuneration and hours worked for all employees working at the UConn Health Center Project site **ONLY**. All payroll records for the UConn Health Center Project should be kept separate from all other work. This will make the audit process easier.
- Project Payroll must be reported on a monthly basis; the covered period should be the first of the month through the last day of the month. For example, the report for month ending June 30th would be submitted by July 10th.
- Please use the same workers compensation codes and classifications as shown on your current Workers' Compensation policy. Show only total hours and total payroll for each classification of employee.
- Please use the same general liability codes and classifications as shown on your current General Liability policy. Please be sure to provide your revenue (total amount of your monthly requisition) value if your general liability is not based on payroll.
- In addition to providing your monthly payroll, Willis requires that you provide the total amount your company billed for the month (your requisition amount).
- Earnings for overtime should be included only at the straight hourly rate, **(do not include extra wages paid for overtime hours)**. Overtime means those hours in excess of 8 hours worked each day, 40 hours in any week or on Saturdays, Sundays, or holidays, but only when there is an increase in the hourly rate to work such hours. The man hours should reflect all hours worked, including overtime.
- If no work was performed on site for one or more months after your enrollment date, a report must be submitted indicating 'zero' hours.
- **If you have more than one contract and/or work order, please complete a separate Form 3 for each contract.**

Please retain a copy for your files. **Payroll reports must be submitted monthly to Willis.**

ALL CONTRACTORS MUST MAKE THEIR PAYROLL RECORDS AVAILABLE TO THE CARRIER'S (THE HARTFORD) AUDITOR AT ANY TIME DURING THE POLICY PERIOD AND UP TO THREE YEARS AFTER COMPLETION OF THE PROJECT.

■ **WHEN CONTRACT IS COMPLETE**

When the contractor is 85% complete Form 5: Notice of Substantial Completion should be completed by the contractor and sent to the Insurance Administrator. Receipt of this form will alert the Insurance Administrator to verify all payroll records were received and, if necessary, request the carrier to perform a final audit.

**CHANGES TO ANY OCIP REQUIREMENT OR PROCEDURE MUST BE APPROVED BY
UCONN HEALTH CENTER AND THE OCIP MANAGER.
NO CONTRACTOR HAS THE AUTHORITY TO AMEND ANY OCIP REQUIREMENTS.**

Form 1: Insurance Cost Verification Form/Application for OCIP Insurance

About This Form:

- This form must be completed by each contractor/subcontractor as soon as a contract is awarded. No certificates of insurance or policies will be provided under the Owner Controlled Insurance Program (OCIP) until this form is received.
- Insurance costs must be verified on all bid documents
- Information disclosed on this form is subject to audit and adjustment throughout the term of the construction project
- **Please print!**

A. Contractor Information

Contractor: _____ Circle one: Indv Ptshp Corp J/V
 Address: _____
 Federal ID # (FEIN): _____

Contacts	Phone	Fax	E-mail
Office: _____	_____	_____	_____
Site: _____	_____	_____	_____
Safety: _____	_____	_____	_____
Insurance: _____	_____	_____	_____
Payroll: _____	_____	_____	_____

List Physical Address (if different than above): _____

B. Contract Information

UConn Health Center OCIP Project Name/Description: _____
 Contract Value: \$ _____ Contract #: _____
 Start Date: _____ Estimated Completion Date: _____
 Awarding Contractor: _____ General Contractor: _____
 Estimated Manhours: _____ Work Type: _____
 Estimated # of Subcontractors: _____ Percent Subcontracted: _____

C. Insurance Carrier Information

Contractor's Broker/Agent
 Company: _____ Contact: _____
 Address: _____ Phone: (_____) _____

Worker's Compensation
 Current WC Insurance Company: _____ Policy Period: _____
 Experience Modifier: _____ Rate Date: _____ Policy #: _____
 Deductible: _____ Retention: _____ WC Assigned Risk?: Yes or No WC State Fund?: Yes or No

General Liability
 Current GL Insurance Company: _____ Policy Period: _____
 Current GL rate is based on: Payroll OR Receipts per \$ _____ Policy #: _____
 Deductible: _____ Retention: _____

D. Insurance Costs

NOTE: It is extremely important to accurately estimate payrolls anticipated for THIS CONTRACT ONLY. Payroll should be raw wages without burden, fringes, or overtime premium. However, it should include sick, vacation and holiday pay and imputed income.

WC Costs (Project Site Payroll Only) Attach additional pages if required				
WC Classification	WC Code	WC Rate/ \$100 Payroll	Estimated Payroll*	Premium
1.				
2.				
3.				
			Total	\$
			Experience Modifier	\$
			Increased Emp Liability	\$
			Premium Discount	\$
			Other Credit/Surcharge	\$
			Other Credit/Surcharge	\$
			Total WC Premium	\$

DEDUCTIBLE and SELF-INSURED RETENTION credits will NOT be allowed on the Worker's Compensation or General Liability Premium Calculations. The OCIP provides first dollar coverage for all contractors.

GL Costs (Project Site Payroll Only) Attach additional pages if required				
GL Classification	GL Code	Rate/ \$1000 Payroll/Receipts	Estimated Payroll/Receipts	Premium
1.				
2.				
3.				
4.				
			Total GL Premium	\$

Total Cost Verification	
Umbrella / Excess Liability: Name of Carrier: _____ Rate: _____ per \$ _____	\$
Subcontractor Premiums (Attach Form 4 for each Subcontractor)	\$
Total WC Premium (from WC Cost Chart on this Form)	\$
Total GL Premium (from GL Cost Chart on this Form)	\$
Total Premiums	\$
Total Premiums represent the amount of insurance premiums excluded from the contractor's contract amount since the Owner is furnishing the construction insurance.	

Attach copies of your declaration pages and schedule rate sheets for WC and GL.

Agreement: Sponsor of the Owner Controlled Insurance Program, or Sponsor's Agent, is granted permission by Contractor/Subcontractor to inspect the insurance and payroll records of Contractor/Subcontractor used in determining the above credit. The above amount should not be included in the Contractor's/Subcontractor's bid amount. Sponsor or Sponsor's Agent shall be given access to audit the project payroll records of Contractor/Subcontractor. Any and all returns of premiums, dividends, discounts or other adjustments to any OCIP policy is assigned, transferred and set over absolutely to the Owner. This assignment is valid for insurance policies whose premiums have been paid by the Owner on behalf of such Contractor/Subcontractor. It is each Contractor's responsibility to notify its own insurance carrier to exclude all work to be done under this contract from your current insurance program.

Signed _____ Title _____ Date _____

SEND FORM via E-mail to: wrapup.boston@willis.com OR Fax to: 617-351-7430 OR Mail to: Willis, Wrap-Up Dept., 3 Copley Place, Suite 300, Boston, MA 02116

Form 1: Insurance Cost Verification Form / Application for OCIP Insurance
Instructions for Completion

A. Contractor Information

- a) Provide your full company name, street & mailing address, contacts, phone and fax numbers and e-mail addresses.
- b) Provide your Federal ID number (FEIN) – this is required to issue an OCIP policy.

B. Contract Information

- a) Please identify the specific project you are working on.
- b) Identify your full contract value and contract number (if one has been provided).
- c) Provide your anticipated start date (this will be used as the start date of coverage) and anticipated completion date.
- d) Please identify your Awarding Contractor (who you are under contract with).
- e) Provide your estimated on-site manhours.
- f) Provide a brief description of your work.
- g) Provide the number of subcontractors you plan to hire (if any).
- h) Provide the percent of your contract you may subcontract (if any).

C. Insurance Carrier Information

- a) Provide your own primary insurance broker or agent's contact information.
- b) Provide your own Worker's Compensation policy information including the carrier/company name, policy period, experience modifier, rate date, policy number, if you have any deductible or retention or if you are involved in an assigned risk or state find program. Your own agent broker can provide you with this information.
- c) Provide your own General Liability policy information including the carrier/company name, policy period, how the policy is rated, policy number and if you have any deductible or retention. Your own agent broker can provide you with this information

D. Insurance Costs

WC Costs

- a) Provide the industry WC Classification descriptions and WC codes that apply to your work. These can be found in your Worker's Compensation policy.
- b) List the rate that applies to each WC Classification and Code. These can be found in your Worker's Compensation policy.
- c) Provide the total projected payroll for the work you will be providing on the UConn Health Center Project site. This should be the straight time wage rate times the total hours.
- d) Calculate the Premium by taking your rate times the payroll divided by 100.
- e) State your current Experience Modification Factor and multiply the factor by your premium.
- f) Find your State Employers Liability Increase Limit factor on you policy and multiply it by your modified premium.
- g) Find your Premium Discount on your policy (if applicable) and apply the applicable credit to your premium.
- h) Provide any other credits and/or surcharges from your policy and apply them to your premium.
- i) Total WC Premium is the total premium calculated for this project.

GL Costs

- j) Provide the industry GL Classification descriptions and GL codes that apply to your work. These can be found in your General Liability policy.
- k) List the rate that applies to each GL Classification and Code – indicating either payroll or receipts as the basis. These can be found in your General Liability policy. Note that you need to provide both the premises/operations and products/completed operations rates.
- l) Provide the total payroll or gross receipts (contract value) for the UConn Health Center Project depending on the basis for your GL premium.
- m) Calculate the Total GL Premium by taking your rate times the payroll or gross receipts divided by 1000.

Total Cost Verification

- n) Provide the name of your Umbrella / Excess carrier, your rate and your rating basis.
- o) Calculate the Total Umbrella / Excess Premium by taking your rate times the payroll or gross receipts divided by 1000.
- p) Provide an estimated total insurance cost for your subcontractors; if unknown please use 3% of the subcontracted value. This is an estimate only and will be verified when your subcontractor enrolls.
- q) Copy the Total WC Premium and GL Premium from the sections above.
- r) Calculate the Total Premiums for the UConn Health Center Project. Upon review by Willis, this is the add-alternate insurance for you contract.
- s) Provide copies of your current Worker's Compensation and General Liability policy declaration pages and policy rating sheet. Your own agent / broker can provide these. These will be used to verify your premium calculation.**

E. Please sign the OCIP Agreement at the bottom of page 2.

If there are any questions on how to complete Form 1, please contact Christina Weissensee at 617-351-7429 or christina.weissensee@willis.com

PRODUCER: **INSURANCE BROKER / AGENT**

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.

COMPANIES AFFORDING COVERAGE

Insured: YOUR COMPANY NAME	Company Letter	A	Insurance Company
	Company Letter	B	Insurance Company
	Company Letter	C	Insurance Company
	Company Letter	D	Insurance Company

Coverages
THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED, NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES, LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

CO LTR	Type of Insurance	Policy Number	Policy Effective Date	Policy Expiration Date	Limits	
A	General Liability <input checked="" type="checkbox"/> Commercial General Liability <input type="checkbox"/> Claims Made <input checked="" type="checkbox"/> Occur. <input type="checkbox"/> Owner's & Contractor's Prot	Policy Number	mm/dd/yy	mm/dd/yy	General Aggregate	\$ 2,000,000
					Products-Comp Ops Agg.	\$ 2,000,000
					Personal & Adv. Injury	\$ 1,000,000
					Each Occurrence	\$ 1,000,000
					Fire Damage(any One Fire)	\$
					Med. Expense (Any one Person)	\$
B	Automobile Liability <input checked="" type="checkbox"/> Any Auto or <input checked="" type="checkbox"/> All Owned Autos <input checked="" type="checkbox"/> Scheduled Autos <input checked="" type="checkbox"/> Hired Autos <input checked="" type="checkbox"/> Non-Owned Autos <input type="checkbox"/> Garage Liability	Policy Number	mm/dd/yy	mm/dd/yy	Combined Single Limit	\$ 1,000,000 or
					Bodily Injury (Per Person)	\$ 1,000,000
					Bodily Injury (Per Accident)	\$ 1,000,000
					Property Damage	\$ 1,000,000
					Each Occurrence	\$ 5/2,000,000
C	Excess Liability <input checked="" type="checkbox"/> Umbrella Form <input type="checkbox"/> Other than Umbrella Form	Policy Number	mm/dd/yy	mm/dd/yy	Aggregate	\$ 5/2,000,000
					SEE PAGE 13 FOR REQUIRED EXCESS LIMIT	
					XX	Statutory Limits
D	WORKER'S COMPENSATION AND EMPLOYERS' LIABILITY THE PROPRIETOR/PARTNER EXECUTIVE OFFICERS ARE: <input checked="" type="checkbox"/> INCL <input type="checkbox"/> EXCL	Policy Number	mm/dd/yy	mm/dd/yy	Each Accident	\$ 1,000,000
					Disease - Policy Limit	\$ 1,000,000
					Disease - Each Employee	\$ 1,000,000

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/SPECIA ITEMS ****PLEASE ALSO REFER TO YOUR CONTRACT****

The State of Connecticut, University of Connecticut, UConn Health Center, UConn Health Center Finance Corporation, Design-Builder, architect, and their respective parent companies, subsidiaries, related and affiliated companies of each, and the agencies, departments, officers, directors, representatives, agents, employees and assigns of each are named as additional insureds with respect to all operations performed by or on behalf of the named insured for the certificate holder. Waiver of Subrogation in favor of the Additional Insureds. Worker's Compensation and General Liability coverage is for off-site operations only.

CERTIFICATE HOLDER	CANCELLATION
UConn Health Center c/o Willis of Massachusetts, Inc. Wrap Up Dept. Three Copley Place, Suite 300 Boston, MA 02116-6501	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
	AUTHORIZED REPRESENTATIVE Insurance Agent/Company Signature

Form 3: Monthly Payroll Reporting Form

Contractor Information **Location Code:** _____
 Company Name: _____ **PROJECT:** UConn Health Center
 Address: _____ Phone: _____ Fax: _____
 Awarding Contractor: _____ General Contractor: _____

Please contact Christina Weissensee at Willis (christina.weissensee@willis.com or 617-351-7429) with any questions about how to complete this form. Form should be sent to WRAPUP.BOSTON@WILLIS.COM.

Instructions:

- **COMPLETE ALL OF THE REQUESTED INFORMATION:**
 - Please refer to your OCIP enrollment for your WC/GL Classifications and Class Codes.
 - Earnings for overtime should be included only at straight hourly rates. Do not include the extra wages paid for overtime hours.
 - Payroll should be raw wages excluding burden, fringes and overtime premium.
 - **ONLY REPORT THE HOURS AND PAYROLL ASSOCIATED WITH ON-SITE LABOR.**
 - Separate payroll reporting for each contract is a requirement of this program.
- **PLEASE SUBMIT THIS REPORT BY THE 10TH OF THE MONTH TO WILLIS (wrapup.boston@willis.com).**

Payroll Information: Month Ending _____

Payroll/Receipts (Project Site Only)
 Attach additional pages if necessary

Classification (Worker's Compensation)	WC Class Code	Manhours Reg	Manhours OT	Payroll
1. WC				
2. WC				
3. WC				
4. WC				
Total:				\$

Classification (General Liability)	GL Class Code	Manhours Reg	Manhours OT	Payroll/ Receipts
01. GL				
2. GL				
3. GL				
4. GL				
Total:				\$

Monthly Receipts (total amount BILLED for the month): \$ _____

Agreement: *The above is a true and complete statement of the entire remuneration of services rendered by employees of the company shown above.*

Signature _____ Title _____ Date _____

Form 4: Notice of Subcontract Award

To: Willis of Massachusetts, Inc.
Attn: Wrap-Up Dept.
3 Copley Place, Suite 300
Boston, MA 02116
Fax: 617-351-7430
wrapup.boston@willis.com

UConn Health Center OCIP

Project Name: _____

This is to inform you that we have awarded the following contract to the following Contractor:

Name of Company: _____

Address: _____

City: _____ **State:** _____ **Zip:** _____

Phone: (____) _____ **Fax:** (____) _____ **E-Mail:** _____

Contact: _____

Type of Work: _____ **Contract Value:** \$ _____

Start Date: _____ **Estimated Completion Date:** _____ **Estimated Payroll:** \$ _____

Awarding Contractor: _____

By: _____

Title: _____

Date: _____

General Contractor (if different) _____

Your Subcontractor must complete 'Form 1: Insurance Cost Verification Form / Application for OCIP Insurance' and follow all OCIP enrollment procedures.

Form 5: Notice of Substantial Completion

**To: Willis of Massachusetts, Inc.
Attn: Wrap-Up Dept.
3 Copley Place, Suite 300
Boston, MA 02116
Fax: 617-351-7430
wrapup.boston@willis.com**

UConn Health Center OCIP

Project Name: _____

Your Company's Name: _____

By: _____ **Title** _____

Please be advised, we are scheduled to complete our work for:

Awarding Contractor: _____ **General Contractor:** _____

Completion Date: _____ **Final Contract Value:** _____

We used the following subcontractors who will also complete their work on the date indicated:

<i>Subcontractor:</i>	<i>Completion Date:</i>
_____	_____
_____	_____
_____	_____

_____ *This is our only contract at the Project Name*

_____ *We are still working on the following contracts at the Project Name*

<i>Awarding Contractor:</i>	<i>Contract Description:</i>
_____	_____
_____	_____
_____	_____

Final insurance audits may be made under the applicable policies. Please show who in your office (or another location if applicable) is responsible for this information:

Name: _____ Phone: _____ Fax: _____

Address: _____

Form 6: Supplemental Insurance Information

About This Form:

- This form may be completed by each contractor/subcontractor for any additional contracts awarded and only if Form 1 has been completed for another contract OR this is a change order. No certificates of insurance will be provided under the Owner Controlled Insurance Program (OCIP) until this form is received.
- Information disclosed on this form is subject to audit and adjustment throughout the term of the construction project

A. Contractor Information

Contractor: _____ Contact: _____

Address: _____

B. Contract Information

UConn Health Center OCIP

Contract or Change Order Value: \$ _____ Project: _____

Start Date: _____ Estimated Completion Date: _____

Awarding Contractor: _____ Estimated Manhours: _____

Estimated # of Subcontractors: _____ Percent Subcontracted: _____

C. Insurance Costs

For Change Order: Use rates established under original contract.

For Additional Contract: Use rates in effect at time contract is bid. Workers' Compensation, General Liability and Excess/Umbrella policy declaration pages and rating sheets are required and must be attached.

WC Costs (Project Site Payroll Only)				
Attach additional pages if required				
WC Classification	WC Code	WC Rate/ \$100 Payroll	Estimated Payroll*	Premium
1.				
2.				
3.				
4.				
Total			\$	\$
DEDUCTIBLE and SELF-INSURED RETENTION credits will NOT be allowed on the Worker's Compensation or General Liability Premium Calculations. The OCIP provides first dollar coverage for all contractors.			Experience Modifier	\$
			Discounts/Surcharges	\$
			Total WC Premium	\$

GL Costs (Project Site Payroll Only)				
Attach additional pages if required				
GL Classification	GL Code	Rate/ \$1000 Payroll/Receipts	Estimated Payroll/Receipts	Premium
1.				
2.				
3.				
4.				
			Total GL Premium	\$

Umbrella/Excess Liability	Rate: _____ per \$ _____ Payroll / Receipts	\$
Subcontractor Premium (Please submit Form 4 for any subcontractors)		\$
TOTAL PREMIUM		\$

Signed _____ Title _____ Date _____

SEND FORM via E-mail to: wrapup.boston@willis.com OR Fax to: 617-351-7430 OR Mail to: Willis, Wrap-Up Dept., 3 Copley Place, Suite 300, Boston, MA 02116

**EXAMPLE OF ENDORSEMENT FOR CONTRACTORS TO REQUEST FOR THEIR
WORKERS' COMPENSATION AND GENERAL LIABILITY POLICY COVERING
WORK OTHER THAN THIS OWNER CONTROLLED INSURANCE PROGRAM SITE**

WC-OCIP-01

DESIGNATED WORK-PLACE EXCLUSION ENDORSEMENT

This policy does not cover work conducted at:

The UConn Health Center Project Site. The Project Site also includes areas adjacent or nearby these described tracts of land where incidental operations are performed, provided said areas are made available to contractor by **UConn Health Center** or approved in advance by **UConn Health Center** in writing, excluding permanent locations of any insured party other than Owner.

SUMMARY (CHECKLIST) OF REQUIRED PAPERWORK

All forms listed below must be submitted to Willis either by fax: 617-351-7430 or e-mail: wrapup.boston@willis.com.

When bid packages are sent out, the prospective contractor should be made aware that the OCIP is in place and a copy of the insurance manual enclosed. **Form 1: Insurance Cost Verification Form / Application for OCIP Insurance** must be submitted with the bid.

The term 'Contractor(s)' refers to all eligible contractors including the General Contractor, Trade Contractors and Subcontractors of all tiers.

When a contract award is made:

- **Form 4: Notice of Subcontract Award** - To be completed by the contractor making the award. Information can be handwritten and faxed or e-mailed to Willis, hold the original in your file. A separate form must be completed for each subcontractor. This initiates the enrollment process. If the Awarding Contractor has a copy of the Form 1 that was submitted with the bid this should be sent with the Form 4 to Willis.

Must be submitted prior to working on project site:

- **Form 1: Insurance Cost Verification Form / Application for OCIP Insurance** - To be completed by each Contractor and submitted with the bid. As soon as the contract is awarded and no later than 72 hours prior to starting work on-site, Form 1 must be forwarded to Willis with copies of your declaration and rating schedules from your primary policies. Information can be handwritten and faxed or e-mailed to Willis, hold the original in your file.

Policy number cannot be assigned nor can a certificate of insurance be issued until this signed form is received.

- **Certificate of Insurance** (Off-Site / Auto Coverage) must reflect:
 - Current insurance program; and meet the requirements of the contract.
 - The State of Connecticut, University of Connecticut, UConn Health Center, UConn Health Center Finance Corporation, Design-Builder, architect, and their respective parent companies, subsidiaries, related and affiliated companies of each, and the agencies, departments, officers, directors, representatives, agents, employees and assigns of each have been added as **Additional Insureds** to the General Liability and Automobile Liability and a **Waiver of Subrogation** in favor of The State of Connecticut, University of Connecticut, UConn Health Center, UConn Health Center Finance Corporation, Design-Builder, architect, and their respective parent companies, subsidiaries, related and affiliated companies of each, and the agencies, departments, officers, directors, representatives, agents, employees and assigns of each have been endorsed to the Worker's Compensation, General Liability and Automobile Liability policies.
 - **UConn Health Center** c/o Willis must be shown as the certificate holder.

Renewal information on contractor's primary insurance program is required

SUMMARY (CHECKLIST) OF REQUIRED PAPERWORK CON'T.

Must be submitted for Additional Contracts (only if already enrolled) and for Cumulative Change Orders, Purchase Orders or Work Orders totaling \$150,000:

- **Form 6: Supplemental Insurance Information** - To be completed by each Contractor if you are awarded an additional contract or have been issued cumulative change orders, purchase orders or work orders totaling \$150,000. Information can be handwritten and faxed or e-mailed to Willis, hold the original in your file.

Must be submitted to Willis by the 10th of the following month:

- **Form 3: Monthly Payroll Reporting Form** - To be completed by each Contractor every month. Hold a copy in your file. Please note if no work was performed on site for one or more months after your enrollment date, a report must be submitted indicating 'zero' hours. **We can not accept Certified Payroll Reports. Please refer to page 22 for instructions on how to complete the form.**

Must be submitted when 85% complete:

- **Form 5: Notice of Substantial Completion** - To be completed by each Contractor. Information can be handwritten and faxed or e-mailed to Willis, hold the original copy in your file.

CLAIMS PROCEDURES MANUAL

The term 'Contractor(s)' refers to all eligible contractors including the General Contractor, Trade Contractors and Subcontractors of all tiers.

ALL WORKER'S COMPENSATION AND GENERAL LIABILITY CLAIMS SHOULD BE REPORTED IMMEDIATELY TO DIMEO CONSTRUCTION (THE GENERAL CONTRACTOR) WHO WILL REPORT IT TO JACOBS WHO WILL REPORT IT TO THE CARRIER.

CONTACT INFORMATION

BOB KUNZ

PHONE: 401-226-1270

BKUNZ@DIMEO.COM

**THE HARTFORD'S 24 HR. CLAIM REPORTING CENTER:
USE LOSS CONNECT ACCT#: 59154
1-800-327-3636 or LOSSCONNECT@THEHARTFORD.COM**

This manual contains all the necessary information for reporting and filing a claim. It is subdivided by insurance/claim type.

Currently, the Owner Controlled Insurance Program (OCIP) has four types of insurance included in the program as follows:

- A. Workers' Compensation**
 - B. Commercial General Liability**
 - C. Pollution Liability**
 - D. Builders Risk (This program is separate from the OCIP program)**
- A. **Workers' Compensation** insurance covers statutory lost wage claims and medical benefits for workers of All Enrolled contractors.
 - B. **Commercial General Liability** insurance covers liability arising from claims of third parties (non-Project entities) for Bodily Injury and Property Damage Losses arising out of Project Activity.
 - C. **Pollution Liability** insurance covers claims for third party bodily injury, property damage or clean-up cost or environmental damages arising from **pollution conditions** caused in the performance of covered operations or arising from Project Activity. The coverage applies to sudden and gradual pollution events and responds to clean up costs both on and off the work site.
 - D. **Builders Risk** insurance applies to damage to the project work (i.e the buildings and building materials that will become a permanent part of the completed structure.) This insurance covers contractors and subcontractors of all tiers whether enrolled or excluded. **Special note:** Contractor's tools and equipment are not covered by this insurance policy and should be covered by each contractor's own (non-OCIP) Tools and Equipment Floater Policy.

How to use this Manual

The first step is to identify what type or types of claims have occurred using the above A-D categories. Once the type of claim is determined, please refer to the following pages that outline the reporting procedures for that line of coverage.

If you are not sure or have any questions regarding claims, please contact Christopher Miskavitch in the Willis Construction Claims Department:

Christopher Miskavitch

Willis Construction Claims

3 Copley Place, Suite 300, Boston, MA 02116

Phone: 617-351-7462

E-mail: christopher.miskavitch@willis.com

**MEDICAL FACILITIES IN CLOSE PROXIMITY TO THE PROJECT SITE IN CASE OF
INJURY OR ILLNESS ON THE JOB:**

Non-Life Threatening:

**PLEASE GO TO THE ON-SITE CLINIC (BUILDING 18) PROVIDED BY ONSITE OHS
FOR FIRST AID AND EVALUATION**

Serious Injury or Life-Threatening:

To be agreed upon at a later date

STATE WORKERS' COMPENSATION REPORTING INSTRUCTIONS

- In the event of a work-related injury, the Employer/Contractor should immediately complete an 'Employer's First Report of Occupational Injury or Disease' Form found on the following page. This form must be forwarded to Dimeo Construction (the General Contractor) immediately, but in no case later than 24 hours. The General Contractor is responsible for reporting all injuries to Tom Royle, the Jacobs Sr. Construction HSE Manager who will report to the Carrier.
- If you are unable to contact someone at Dimeo Construction (the General Contractor) or the Jacobs HSE Manager, enrolled Contractors of all tiers must report all employee injuries to **The Hartford** (the OCIP Carrier) via any of the following methods – *Contractors should only be reporting claims to the Carrier as a last resort:*
 - Report lost time or medical only workers' compensation claims via **1-800-327-3636, please note Loss Connect Acct #: 59154.** (This operator-attended number is accessible 24 hours a day.)
 - Contractors can also **e-mail** claim notices to **lossconnect@thehartford.com**
 - Contractors can also **fax** claim notices to **1-800-347-8197**

Utilizing the 1-800 number allows for quicker response time from the insurance carrier in the adjustment of the claim.

The OCIP WC Carrier will file the required forms with the **Connecticut Division of Workers' Compensation** on behalf of the contractor.

Please be sure to indicate Loss Connect Acct #: 59154 and your OCIP Worker's Compensation policy number (this can be found on the OCIP Certificate of Insurance issued by Willis) when filing all claims with The Hartford (OCIP Carrier).

- All Medical Bills should be mailed or faxed to (please include claim number):

**The Hartford
P. O. Box 14170
Lexington, KY 40512
Fax: 859-258-2235
Inquiries: 800-526-1611**

- To locate **Network Medical Providers** please contact the Network Referral Unit at 800-327-3636 and select 4 at the prompt or <http://www.talispoint.com/htfd/external/>

UConn Health Center OCIP

Commercial General Liability Loss Notice

Contractors Note: For urgent carrier response needs, please call Mark Lemire at The Hartford at 860-471-7296

Insured (Company Name): _____

GL Policy Number: _____

Date & Time of Loss: _____

Loss Location: _____

Type of Loss: _____

Description of Loss & Damage: _____

Description of Accident: _____

Property Damaged Other Veh./Prop. Ins.? Company/Agency Name & Policy #
Describe Property (If auto, year, make, model, plate no.) Yes No

Owner's Name & Address Phone # Other # E-mail

Other Driver's Name & Address Phone # Other # E-mail

Describe Damage Estimate Amount Where Can Damage Be Seen?

Injured Party #1 circle one: Insureds Vehicle Other Vehicle Other

Name & Address Age Extent of Injury

Contact Info. (Cell / Home / E-mail)

Injured Party #2 circle one: Insureds Vehicle Other Vehicle Other

Name & Address Age Extent of Injury

Contact Info. (Cell / Home / E-mail)

Witness #1

Name & Address Age

Contact Info. (Cell / Home / E-mail)

Witness #2

Name & Address Age

Contact Info. (Cell / Home / E-mail)

Reported By

Company Name:

Cell # / Trailer Phone # / Email address:

Send To: Dimeo Construction
Bob Kunz
E-mail: bkunz@dimeo.com

Jacobs / Sr. Construction HSE Manager
Tom Royle
E-mail: royle@uchc.edu

Willis Claims Department
Christopher Miskavitch
E-mail: christopher.miskavitch@willis.com

UConn Health Center OCIP

Contractors Pollution Liability Loss Notice

Contractors Note: For urgent carrier response needs, please call **TBD**

Insured (Company Name): _____

OCIP GL Policy Number: _____

Date & Time of Loss: _____

Loss Location: _____

Description of Pollution condition release / Resulting Damage: _____

Description of remediation activity (if performed and by whom?)

List any governmental agencies who responded (Dept. of Environmental Protection; Fire Department etc.) _____

Contractor: _____

Subcontractor: _____

Person to Contact: _____ Company name: _____

(please provide each) Cell # / Trailer Phone # / Email address: _____

Reported By

Company name:

(please provide each) Cell # / Trailer Phone # / Email address: _____

Immediately Send To: Jacobs / HSE Construction Manager

Tom Royle

E-mail: royle@uchc.edu

Willis Claims Department

Christopher Miskavitch

E-mail: christopher.miskavitch@willis.com

UConn Health Center OCIP

Builders Risk Property Loss Notice

Contractors Note: For urgent carrier response needs, please call **TBD**

Insured (Company Name): _____

Date & Time of Loss: _____

Loss Location: _____

Type of Loss: _____

Description of Loss & Damage: _____

Contract No.: _____

Contractor: _____

Subcontractor: _____

Person to Contact: _____ Company Name: _____

(please provide each) Cell # / Trailer Phone # / Email address: _____

Reported By _____ Company name: _____

(please provide each) Cell # / Trailer Phone # / Email address: _____

Immediately Send To: Jacobs / Sr. Construction HSE Manager

Tom Royle

E-mail: royle@uchc.edu

Willis Claims Department

Christopher Miskavitch

E-mail: christopher.miskavitch@willis.com

CLAIM CONTACTS

Willis Construction Risk Department

Christopher Miskavitch

Sr. Claim Specialist
Three Copley Place Suite 300
Boston, MA 02116
Phone: 617-351-7462
Fax: 617-351-7430
E-mail: christopher.miskavitch@willis.com

The Hartford - WC & GL Carrier Claims Department

Mark Lemire

Claims Manager
One Hartford Plaza
Hartford, CT 06155
Phone: 860-471-7296
E-mail: mark.lemire@thehartford.com

Jacobs - Construction Manager

Tom Royle

Sr. Construction HSE Manager
Farmington Ave.
Farmington, CT 06032
Phone: 832-477-6953
E-mail: royle@uchc.edu

Dimeo Construction - General Contractor

Bob Kunz

Site Safety Manager
Farmington Ave.
Farmington, CT 06032
Phone: 401-226-1270
E-mail: bkunz@dimeo.com

RISK / LOSS CONTROL

All Contractors and Subcontractors of all tiers are required to comply with the General Contractor's Project Specific Safety Program that is part of the construction contract. *The Site Specific Safety Manual is a separate document. If a copy is needed, please send a request to wrapup.boston@willis.com.*

▪ **Safety Statement:**

UConn Health Center is committed to work place safety and health. Every effort will be made to maintain the Project Site free from recognizable hazards. Each employee of the Contractor and the employees of each Subcontractor of any tier will be expected to adopt this same commitment to safety and health. During the construction of the Project the same attention will be given to safety, quality, and production. The goal of the Project Team is to create an accident free environment.

To the extent provided in the General Contractor Agreement it is the responsibility of the General Contractor to maintain control of safety so that its employees and employer of all on-site contractors, and the general public will be provided an environment free of recognized hazards during construction activities. Nothing is more important than providing a safe and healthful environment in which to work.

Project Safety Manual - The safety requirements of the General Contractor Project Safety Manual are a supplementary document to all Government rules, codes and regulations. It is understood that the ultimate responsibility for providing a safe place to work rests with each individual Contractor. Contractors are responsible for full compliance with the requirements and standards referenced in the Manual as well as all site conditions and implementation of the safety requirements of the construction contract.

▪ **Safety Coverage:**

The contractor's supervision, including Superintendent, Assistant Superintendent, Safety Representative and Foremen will be responsible, along with Contractors supervision for the enforcement of the Safety Rules and Regulations on the projects. Proper personal protective equipment such as hard hats, eye protection, work style boots, pants with full leg coverage and shirts with sleeves at least 4" in length will be required.

▪ **Special Requirements:**

All Contractor(s) shall identify:

- Who is responsible for enforcement of Safety Rules and Regulations
- Who their competent persons are per OSHA's 1926 Regulations
- Who is qualified to operate any equipment including, but not limited to; Forklifts, Cranes, Snorkel Lifts, Scissor Lifts, Lasers and Power Actuated Tools.
- Who is responsible for notification to the General Contractor in case of injury or accident within Contractor/Subcontractor work forces.

- **Safety Responsibility**

The responsibility for maintaining a safe and healthful job site rests with the Project Management of each Contractor. The Project Management will be assisted by the Site Safety Representative (where applicable), assistants, foremen, and each employee assigned to the Project(s). Each Contractor's corporate safety staff and management shall be available to **UConn Health Center** and designated Insurance Carrier as needed to insure an overall safe and healthful job site.

A Safety Committee consisting of Loss Control specialists from the General Contractor, Willis, the Insurer and the Project Safety Manager will have regular monthly meetings. The Contractors safety managers will be expected to attend these meetings.

- **Protection of the Public:**

Each Contractor shall take all necessary precautions to prevent injury to the public or damage to the property of others.

- Work shall not be performed in any area occupied by the public unless specifically permitted by the contract or in writing by the Project Management.
- When it is necessary to maintain public use of work areas involving sidewalks, entrances to buildings and vehicular roadways, the Contractor shall protect the public with appropriate guardrails, barricades, temporary partitions, shields and adequate visibility.

- **Emergency Information:**

In case of any emergency that requires E.M.S., the Fire Department, or the Police, please contact the Project Supervisor, the General Contractor Project Safety Manager or the OCIP Insurance Carrier.

Each Contractor shall post a list of emergency phone numbers along with the type of information to be transmitted for an emergency situation at each phone, which may be used in an emergency.

The Contractor shall be notified of any incident or accident, no matter how minor, immediately. Upon notification, contractor will follow claim reporting procedures outlined in this manual or any supplemental manual.

- **Drug Testing Policy:**

The **UConn Health Center** Project does have a drug testing program.

UConn Health Center OCIP

RISK / LOSS CONTROL OVERVIEW

The effectiveness of the Safety and Health Program will depend upon the active participation and personal cooperation of all. Project cooperation and coordination of efforts toward carrying out the overall safety responsibilities are needed for an effective program.

The **UConn Health Center** OCIP Team will assist in monitoring Contractors and it's Subcontractors implementation and application of their respective safety programs and the **UConn Health Center** OCIP safety programs at the work site. The **UConn Health Center** OCIP Team has the authority to stop work when either site conditions and/or work practices present an imminent danger (i.e. may result in serious injury, death or extensive property damage) until those conditions and/or practices are corrected.

Each Contractor shall be held responsible for its own and its Subcontractors compliance with the project safety requirements.

Each Contractor and its Subcontractors shall establish and enforce an effective disciplinary program.

Each Contractor and its Subcontractors shall designate an on the job safety Administrator. This may include a supervisor/foreman with safety knowledge. This will be the **UConn Health Center** OCIP Team's contact for safety concerns.

All employees (Contractors, Subcontractors, Engineers, etc.) working on the job shall have the proper Personal Protective Equipment for the job task they are performing. At the minimum a hard hat, safety glasses, safety vest, long pants, shirt with minimal 4-inch sleeve and work boots.

All employees (Contractors, Subcontractors, Engineers, etc.) shall have the proper training for the job task they are performing (confined space, fall protection, powder actuated tools, traffic control, equipment operating, etc.).

Each Contractor and its Subcontractors shall assure that a qualified "Competent Person" is provided at work locations where required by OSHA.

Each Contractor and its Subcontractors shall assure that all applicable forms (confined space permit, hot work permit, lock out/tag out, critical lift checklist, JSA, excavation permit, etc.) are provided at work locations where required by OSHA.

NOTE: This is only a brief overview of the UConn Health Center Construction Safety and Health Manual. In the event of a conflict between the provisions of this overview, the OCIP Manual and applicable local, State or federal safety and health laws, regulations and/or standards, contract documents or the Contractor's Safety Plan, the more stringent shall apply.

Y ? N		Category	Possible Points	Responsibility		Comments:	LEED STATUS MEETING INPUT:
				Team Member	CS or FO		
14 2 2		d/c Sustainable Sites	18			IN PROGRESS DRAFT - NOT FINAL	
Y		Prerequisite 1	Required	Fusco	CS	CT HPB Requirement	Key: Core & Shell (CS)/Fit-Out (FO)
Y		Prerequisite 2	Required	FT/UCHC	N/A	Phase I Site Assessment obtained from UCHC	
		Credit 1	1	N/A	N/A	We are too close to wetlands (within 100')	
1		Credit 2	1	FT	N/A	Residential units to the south of the site designated SA (max. 10 units/15 bed per acre net)/CT HPB point	
		Credit 3	1	N/A	N/A		
3		Credit 4.1	3	FT/UCHC	N/A	3 bus/shuttle routes adjoin the site to the west of the pond/CT HPB point	
1		Credit 4.2	1	P-E/HDR	CS/FO	Need to establish an FTE based on occupancy type to get number of bikes/showers + CT HPB point	Projected occupancy numbers in garage to be based on 796 FTE; 149 visitors & 396 patients
1		Credit 4.3	1	HDR	CS	Establish FTE to get number of spaces/CT HPB point	4 charging stations located in garage
1		Credit 4.4	1	HDR	CS	Establish FTE to get number of spaces: since it's a university, there is no limit/CT HPB point	FT confirm FTE number to be used by CS/FO teams
1		Credit 5.1	1	HDR/FT	CS	LEED Project Boundary established	
1		Credit 5.2	1	Langan	CS	Case 2: Sites with no local zoning	Potential cost impact
1		Credit 6.1	1	Langan	CS	LEED Project Boundary established	Potential cost impact
1		Credit 6.2	1	Langan	CS	FT/UCHC to propose LEED project boundary & confirm with LEED team; CT HPB point	
1		Credit 7.1	1	HDR	CS	More than 50% of parking is structured/CT HPB point	
1		Credit 7.2	1	HDR	CS	Specification/CT HPB point	
	1	Credit 8	1	BR+A/UCHC	CS/FO	LEED Project Boundary established; full cut-off mandated by CT HPB; potential cost impact	BR+A working on photometric study; Tim Lamson (F/C) will follow up.
	1	Credit 9.1	1	HDR	CS	Verify that this credit can be achieved with current site plan.	Verify w/HDR that this credit can be achieved.
1		Credit 9.2	1	P-E	FO	P-E confirmed that this credit can be achieved.	Potential cost impact
6 2 1		d/c Water Efficiency	9				
Y		Prerequisite 1	Required	BR+A	FO	Required by CT HPB (30% reduction a team goal to also meet CT HPB credit, WEC3)	LEED STATUS MEETING INPUT:
Y		Prerequisite 2	Required	P-E/BR+A/GBA	FO	Verify that this prerequisite is met with equipment being utilized on project.	
1		Credit 1	1	HDR	CS	Will require rainwater harvesting (50% reduction a team goal to also meet CT HPB credit)	No irrigation on entire campus
2		Credit 2	2	BR+A/SWA	CS/FO	Potential additional cost needs to be verified	Determined credit is achievable; moved to 'Yes' column
1	2	Credit 3	3	BR+A/P-E	FO	Ultra-low flow fixtures, pint/dual-flush lavs, process water harvested (from condensate)	Need to change employee faucets to metering type; possible to achieve 1 additional credit.
1		Credit 4.1	1	BR+A/GBA	FO		
1		Credit 4.2	1	BR+A/UCHC	CS	Verify acceptability of equipment proposed for project.	Owner confirmed that this is something they intend on doing.
		Credit 4.3	1	N/A	N/A		
8 3 28		d/c Energy & Atmosphere	39				
Y		Prerequisite 1	Required	Facility Dynamics	CS/FO	Envelope Commissioning should be factored in as a BOD; base CxA required by CT HPB	LEED STATUS MEETING INPUT:
Y		Prerequisite 2	Required	BR+A	CS/FO	CT High-Performance Building Standard requires 21% better than ASHRAE 90.1-2007	CS & FO DB Teams to collaborate as necessary; include parking garage in energy model.
Y		Prerequisite 3	Required	BR+A	FO	Nationally Mandated; required by CT HPB	
3	2	Credit 1	24	BR+A	CS/FO	LEED Project goal 21% better than ASHRAE 90.1-2007	LEED @ 18% per 901-2007; CT HPB-21% better than ASHRAE 90.1-2004
		Credit 2	8	UCHC/BR+A	CS/FO	Not achievable	
2		Credit 3	2	Facility Dynamics	CS/FO	Envelope Commissioning should be factored in as a BOD	Added to CAx contract
1		Credit 4	1	BR+A	CS	Mandated/CT HPB point	
1		Credit 5	2	BR+A/UCHC	CS/FO	CT HPB point; owner reporting required every year for 5 years.	Cost Impact; sent sample M&V plan to Marco, Daryl & Jacob; 1 point may be achievable.
	1	Credit 6	1	UCHC	N/A	UCHC to confirm amount of green power being purchased & if it is supplied by a Green-e supplier	Current contract expired July 1, 2013
1		Credit 7	1	BR+A/P-E	CS/FO	Confirmed that this credit can be achieved	
9 1 6		d/c Materials & Resources	16				
Y		Prerequisite 1	Required	Perkins Eastman	CS	For ~306,000 GSF, LEED recommends a minimum area of 500gsf; required by CT HPB	LEED STATUS MEETING INPUT:
Y		Prerequisite 2	Required	BR+A/P-E	FO	Verify that prerequisite requirements are met in current design	Minimal impact on project.
		Credit 1.1	3	N/A	N/A	N/A	
		Credit 1.2	1	N/A	N/A	N/A	
2		Credit 2	2	CS/FO Teams	CS/FO	Specifications (2 points under CT HPB)	Include garage in calculations where applicable.
2	1	Credit 3	4	CS/FO Teams	CS/FO	Specifications	Include garage in calculations where applicable.
1		Credit 4.1	1	BR+A	CS/FO	Specifications	
2		Credit 4.2	2	BR+A/P-E/HDR	CS/FO	Credit has been verified as achievable.	
2		Credit 5	2	Perkins Eastman	FO	Verify if credit is achievable	UCHC work with suppliers of furniture & medical furnishings to verify.
		Credit 6	1	N/A	N/A	N/A	

9	3	6	d/c Indoor Environmental Quality		18			Comments:	LEED STATUS MEETING INPUT:
Y			Prerequisite 1	d Minimum Indoor Air Quality Performance	Required	BR+A	FO	Required by CT HPB	
Y			Prerequisite 2	d Environmental Tobacco smoke Control (ETS)	Required	UCHC	N/A	UCHC is a smoke-free campus; required by CT HPB	UCHC to provide written policy regarding smoke-free campus
1			Credit 1	d Outdoor Air Delivery Monitoring	1	BR+A	CS	Typical best practice/CS team to determine if achievable	
	2		Credit 2	c Acoustic Environment	2	P-E/SMW	FO	Verify that Sound Isolation point can be achieved	Proposal received for this work. Need to determine any other cost impact. Owner decision on go / no go.
1			Credit 3.1	c IAQ Management Plan - During Construction	1	FO DB Team	FO	Typical best practice	
1			Credit 3.2	c IAQ Management Plan - PreOccupancy	1	FO DB Team	FO	Flush-out (CT HPB point)	Coordination with UCHC required.
1			Credit 4.1	c LowE Materials - Interior Adhesives & Sealants	1	CS/FO DB Teams	CS/FO	Specifications (CT HPB point)	
1			Credit 4.2	c LowE Materials - Wall & Ceiling Finishes	1	FO DB Team	FO	Specifications (CT HPB point)	
1			Credit 4.3	c LowE Materials - Flooring Systems	1	FO DB Team	FO	Specifications (CT HPB point)	
1			Credit 4.4	c LowE Materials - Composite Wood/Agrifibers	1	FO DB Team	FO	Specifications	P-E confirmed that they are done with their portion; HDR still working on their part.
	1		Credit 5	d Indoor Chemical Pollutant Source Control	1	P-E/HDR	CS/FO	Verify if achievable	Follow up w/HDR required
1			Credit 6.1	d Controllability of Systems - Lighting	1	BR+A	FO	Team to identify spaces within base building which comply; place in furniture package	Review with BR+A and UCHC.
		1	Credit 6.2	d Controllability of Systems - Thermal	1	N/A	N/A	Cost of achieving this credit deemed too high.	Do not attempt this credit due to cost to achieve.
1			Credit 7	d Thermal Comfort - Design & Verification	1	BR+A/UCHC	FO	Typical best practice	
		2	Credit 8.1	d Daylight & Views - Daylight	2	N/A	N/A	N/A	
		3	Credit 8.2	d Daylight & Views - Views	3	N/A	N/A	N/A	
IN PROGRESS DRAFT - NOT FINAL									
4	2	0	d/c Innovation in Design		6			Comments:	LEED STATUS MEETING INPUT:
Y			Prerequisite 1	d Integrated Project Planning & Design	Required	FTAE	N/A		
1			Credit 1.1	d Exemplary Performance: SSc9.2	1	P-E	FO		
1			Credit 1.2	c Integrated Pest Management (IPM)/Green Housekeeping	1	UCHC	N/A		
	1		Credit 1.3	d Innovation in Design: Education Program	1	UCHC	N/A	Discuss program w/UCHC to determine if feasible to implement	UCHC (George K.) to determine if achievable
	1		Credit 1.4	Pilot Credit: SSp45 - Site Assessment	1	Langan	CS/UCHC	Determine if achievable - Review w/Langan	
1			Credit 2	d/c LEED Accredited Professional	1	FTAE	N/A		
1			Credit 3	c Integrated Project Planning & Design	1	FTAE	N/A	Verify if credit is achievable	
3	0	1	d/c Regional Priority Credits		4			Comments:	LEED STATUS MEETING INPUT:
1			Credit 1.1	d SSc6.1	1	Langan	CS	Langan confirmed achievable	Regional Priority Credits are only achievable if credits are achieved under base category
1			Credit 1.2	c SSc7.1	1	HDR	CS		
1			Credit 1.3	d SSc7.2	1	HDR	CS		
		1	Credit 1.4	Regional Priority: Specific Credit	1	N/A	N/A		

Y	?	N						Comments:	LEED STATUS MEETING INPUT:
53	13	44	Project Totals		110				
14	2	2	Sustainable Sites		26			SS: amount of green space, stormwater management: LEED Boundary to be determined	
6	2	1	Water Efficiency		10			WE: 100% irrigation from rainwater harvesting and use of ultra-low flow fixtures	
8	3	28	Energy & Atmosphere		35			EA: meet mandates of CT High-Performance	
9	1	6	Materials & Resources		14			MR: specifications written to meet credits	
9	3	6	Indoor Environmental Quality		15			EQ: points considered best practices; daylighting difficult given building footprint	
4	2	0	Innovation & Design Process		6			ID: contingent upon specifications/most easy and economical exemplary performance items	
3	0	1	Regional Priority		4			RP: extent of brownfield status or amount of renewables to achieve compliance (ROI to be determined)	

Legend

	LEED Prerequisite
	LEED Credit
	LEED Credit Category

CONSTRUCTION WASTE MANAGEMENT PLAN

Prepared for:

**Ambulatory Care Center
University of Connecticut Health Center
263 Farmington Avenue
Farmington, Connecticut**

Prepared by:

Steven Winter Associates, Inc.
61 Washington Street
Norwalk, CT 06854

Date:

8/28/13

DRAFT – FOR REVIEW AND COMPLETION BY THE CONSTRUCTION MANAGER

Note: Highlighted items are instructions to the CM or GC, or information to be inserted or verified.

Final Draft to be placed on CWM / GC / Owner’s letterhead for usage with USGBC.

SAMPLE CONSTRUCTION WASTE MANAGEMENT PLAN

Prepared by [insert CM or GC name]
[insert date]

I. OBJECTIVES

The objectives of this plan are to:

1. Recycle, reuse or salvage at least 75%, by weight, of the waste generated as a result of demolition, land clearing, and construction activities for the **University of Rochester New Residence Hall.**
2. Comply with the criteria and documentation requirements of “Materials and Resources Credit 2.1 & 2.2- Construction Waste Management, Divert 75% from Landfill”, of the U.S. Green Building Council’s LEED Rating System, Version 3.0.

II. PROJECT DESCRIPTION

BUILDING SITE (CM or GC to edit as needed)

Describe the site including location (address) existing structures, buildings, site improvements to be removed, etc. which will be deconstructed and/or demolished prior to construction. If applicable, describe any significant site area constraints which may limit sorting and recycling of demolition and/or construction waste on-site, requiring these activities to be performed all or partially off-site.

III. PLAN IMPLEMENTATION, OVERSIGHT AND ENFORCEMENT

(CM or GC to edit as needed)

- The Demolition/Construction Waste Management Plan will be managed by **CM or GC**; however, specific salvage and recycling activities will be performed by designated contractors **(if applicable)**, as detailed in Section IV below. **CM or GC** will provide oversight, coordination, and enforcement of all waste management activities on site.
- **CM or GC** will assemble (from contractors) copies of all tickets, receipts or other submittal information related to waste removal, salvage, and recycling.
- **CM or GC** will compile a log of the salvaged and recycled materials throughout the demolition and construction phases. The log will track the total amount of salvaged and recycled materials (by weight), the amount of material sent to landfills (by weight), and the overall salvage/recycling rate for the project (See Attachments for format). The log will be updated and presented to the Owner/Design team for review on a monthly basis.
- **CM or GC** will designate one individual on-site to coordinate and address issues that may arise related to the project's demolition/construction waste management activities.

IV. WASTE MANAGEMENT MEASURES DURING DEMOLITION AND CONSTRUCTION

(CM or GC to complete and expand as needed)

During the demolition, land clearing, and site preparation phase, all salvage and recycling activities will be undertaken by **[GC, demolition contractor or designated waste recycler]**. The targeted materials, sorting methods, and required submittals are described below.

During the construction phase, all salvage and recycling activities will be undertaken by **[GC or designated waste recycler]**. The targeted materials, sorting methods, and required submittals are described below.

(If designated waste recycler other than GC will be used, add the following:)

Per Section III above, **CM or GC** will oversee and enforce **[designated waste recycler]**'s salvage and recycling efforts, and will collect copies of all tickets, receipts or other submittal information. **CM or GC** will use the **[designated waste recycler]** submittals to update the project waste recycling log (described in Section III above).

LIST OF TARGETED MATERIALS FOR RECYCLING

(CM/GC and Demo. contractor should develop a list of targeted waste materials including but not limited to the following. Also indicate materials which will not be recycled):

- 1) Asphalt
- 2) Cardboard, paper, packaging
- 3) Beverage containers
- 4) Concrete
- 5) Bricks
- 6) Concrete Masonry Units (CMU)
- 7) Metals from banding, stud trim, ductwork, piping, rebar, roofing, other trim, steel, iron, galvanized sheet steel, stainless steel, aluminum, copper, zinc, lead, brass, and bronze.
- 8) Clean dimensional wood
- 9) Drywall
- 10) Carpet and pad
- 11) Paint
- 12) Asphalt roofing shingles if applicable for any existing building demolition
- 13) Rigid Foam
- 14) Glass
- 15) Plastics

SORTING METHOD: (CM or GC to describe on-site and/or offsite methods of waste sorting and recycling)

- If waste sorting and recycling to be performed on-site, describe staging area(s), quantity and type of containers, frequency of pick-up, etc.
- If waste sorting and recycling to be performed off-site, describe process by which mixed C&D waste will be delivered off-site, as well as process for sorting material, quantifying and documenting the waste to be recycled, etc. For example:

All demolition and construction waste material (mixed C&D waste) will be gathered in central locations and then trucked to a remote location to be off-loaded by [name of off-site recycling company] for sorting and recycling. [Off-site recycling co.] typically recycles _____% of C&D waste. CM or GC will provide a letter from [off-site recycling co.] on their letterhead declaring their recycling rate and listing the receiving facilities/companies that will be purchasing or accepting the recycled or salvaged materials.

- If waste sorting and recycling to be performed both on- and off-site, describe process and means by which this will be handled.

MATERIAL/EQUIPMENT PROTECTION MEASURES (CM or GC to complete)

- Describe proposed efforts to prevent contamination of waste materials for salvage and/or recycling. For example, salvageable items will be removed and stored in covered space, etc.

COMMUNICATION PLAN (CM or GC to complete)

- Describe proposed efforts to communicate with the subcontractors regarding the requirements of the Construction Waste Management Plan.

DOCUMENTATION TO BE PROVIDED

- Construction Waste Management Report
- Monthly Reports; Weight tickets and receipts from companies listed below.
- Waste diverted to-date calculation (see below).

SUBMITTALS:

[CM or GC, demo. contractor, or designated waste recycler] will provide calculations and supporting documentation to demonstrate end-of-project salvage/recycling rates meeting the requirement of at least 75% diversion from landfill.

1. [CM or GC, demo. contractor, or designated waste recycler] will record and document the total weight (in tons) of all demolition waste materials sent to the landfill.
2. [CM or GC, demo. contractor, or designated waste recycler] will record and document the total weight (in tons) of all demolition waste materials recycled or salvaged.
3. In addition, [CM or GC, demo. contractor, or designated waste recycler] will provide the name of the receiving facilities/companies that will be purchasing or accepting the recycled or salvaged materials. Receipts or other proof of facility reception of materials will be provided per Item 5 below.
4. For materials separated for recycling off-site, [CM or GC, demo. contractor, or designated waste recycler] will obtain a letter from the processor [off-site recycling company] stating the average percentage of mixed C&D waste they recycle, along with a listing of the receiving facilities/companies that will be purchasing or accepting the recycled or salvaged materials.
5. [CM or GC, demo. contractor, or designated waste recycler] will submit monthly Waste Management Progress Reports, containing the following information:

1. Project title, name of company completing report, and dates of period covered by the report
2. Report on the disposal of all jobsite waste, including:
 - A. Reused or salvaged materials. For each material, the following information will be provided:
 - 1) Amount of material salvaged (in tons)
 - 2) The dates removed from the jobsite
 - 3) The Receiving Party
 - B. Recycled materials (sorted on-site). For each recycled material, the following information will be provided:
 - 1) The number of dumpsters or other containers removed
 - 2) The volume (in cubic yards) and weight (in tons) of each dumpster
 - 3) The dates the dumpsters/containers were removed from the jobsite
 - 4) The Receiving Party
 - C. Recycled materials (sorted off-site). The following information will be provided:
 - 1) The number of dumpsters or other containers removed
 - 2) The volume (in cubic yards) and weight (in tons) of each dumpster
 - 3) The dates the dumpsters/containers were removed from the jobsite
 - 4) The Receiving Party
 - 5) The type and amount (in tons) of recycled material recovered from the commingled waste
 - D. Landfilled materials. The following information will be provided:
 - 1) The number of dumpsters or other containers removed
 - 2) The volume (in cubic yards) and weight (in tons) of each dumpster
 - 3) The dates the dumpsters/containers were removed from the jobsite
 - 4) The identity of the transfer station or landfill
 - 5) Tipping fees
 - E. Hazardous materials. The following information will be provided:
 - 1) The number of dumpsters or other containers removed
 - 2) The volume (in cubic yards) and weight (in tons) of each dumpster or container

- 3) The dates the dumpsters/containers were removed from the jobsite
 - 4) The Receiving Party
3. A total to-date diversion rate.
4. Copies of on-site logs, weight tickets and receipts. [CM or GC, demo. contractor, or designated waste recycler] will save the original documents for the duration of the project plus 3 year(s).

FINAL CALCULATION OF C&D WASTE DIVERSION

- Final project-wide C&D waste diversion rate will be calculated as follows:

Total C & D Waste	x Tons	Total waste generated by land clearing, demolition, and construction
Total Recycled +	y Tons	Materials diverted from landfills, by salvage, reuse and recycling
Diversion Rate	y/x %	Percentage of project's waste diverted from landfills

V. MEETINGS AND COMMUNICATIONS

(CM or GC should describe efforts to communicate with the Owners and Design team, for example):

The Construction Waste Management Plan will be reviewed at the kick-off meetings prior to the mobilization and start-up of each trade's work. Ongoing Plan issues will be recorded via project meeting minutes as the project progresses. Per Section III above, CM or GC will designate one individual on-site to coordinate and address issues that may arise related to the project's demolition/construction waste management activities.

VI. ATTACHMENTS

(These can be included as tabbed sections in a 3-ring binder.)

- LOG OF SALVAGED/RECYCLED MATERIALS
The log will be updated as the project progresses

- CONTRACTOR MONTHLY C&D WASTE MANAGEMENT PROGRESS REPORT
(Blank and sample template enclosed)

BOILERPLATE CONSTRUCTION INDOOR AIR QUALITY MANAGEMENT PLAN LEED-NCv3.0

Prepared for:

**Ambulatory Care Center
University of Connecticut Health Center
263 Farmington Avenue
Farmington, Connecticut**

Prepared by:

**Steven Winter Associates, Inc.
61 Washington Street
Norwalk, CT 06854**

Date:

9/19/2013

**Boilerplate Construction Indoor Air Quality Management Plan
UCHC – ACC Fit-Out**

Prepared by Steven Winter Associates, Inc.

DATE

INTRODUCTION

Steven Winter Associates, Inc (SWA) has developed this boilerplate Construction Indoor Air Quality (IAQ) Management Plan for the **PROJECT**. The Plan may not be used for any other project without the expressed consent of SWA.

This boilerplate plan is a framework from which the project's Construction Manager is to develop a Construction Indoor Air Quality (IAQ) Management Plan specifically tailored to the project. The boilerplate plan, as drafted, addresses the requirements of LEED credits EQc3.1 and EQc3.2 (Construction Indoor Air Quality Management Plan). In developing a project-specific Plan, the Construction Manager will need to select between options **[highlighted in blue font and enclosed in square brackets]**, delete provisions that do not apply to the project, and add provisions specific to the project where necessary and/or prompted. The Construction Manager's completed plan will need to be submitted to the Owner and Architect for approval, per the project specifications.

LEED CREDIT REQUIREMENTS

The LEED requirements with which this boilerplate Plan complies are as follows:

EQc3.1 Construction IAQ Management Plan- During Construction

Develop and implement an Indoor Air Quality (IAQ) Management Plan for the construction and pre-occupancy phases of the building as follows:

- (1) During construction meet or exceed the recommended Control Measures of the Sheet Metal and Air Conditioning National Contractors Association (SMACNA) IAQ Guideline for Occupied Buildings under Construction, 2nd Edition, 2007, ANSI/SMACNA 008-2008 (Chapter 3).
- (2) Protect stored on-site or installed absorptive materials from moisture damage.
- (3) If permanently installed air handlers are used during construction, filtration media with a Minimum Efficiency Reporting Value (MERV) of 8 must be used at each return air grille, as determined by ASHRAE 52.2-1999.
- (4) Replace all filtration media immediately prior to occupancy.

EQc3.2 Construction IAQ Management Plan- Before Occupancy

Develop and implement an Indoor Air Quality (IAQ) Management Plan for the pre-occupancy phase as follows:

- (1) After construction ends, prior to occupancy and with all interior finishes installed, conduct a building flush-out by supplying a total air volume of 14,000 cubic feet of outdoor air per square foot of floor area while maintaining an internal temperature of at least 60 degrees Fahrenheit and a relative humidity no higher than 60%.

-OR-

- (2) If occupancy is desired prior to completion of the flush-out, the space may be occupied following delivery of a minimum of 3,500 cubic feet of outdoor air per square foot of the floor area to the space. Once a space is occupied, it shall be ventilated at a minimum rate of 0.30 cfm/sq.ft. of outside air or the design minimum outside air rate determined in EQ Prerequisite 1, whichever is greater. During each day of the flush-out period, ventilation shall begin a minimum of three hours prior to occupancy and continue during occupancy. These conditions must be maintained until a total of 14,000 cubic feet per square foot of outside air has been delivered to the space.

-OR-

- (3) Conduct a baseline IAQ testing, after construction ends and prior to occupancy, using testing protocols consistent with the United States Environmental Protection Agency Compendium of Methods for the Determination of Air

Boilerplate Construction Indoor Air Quality Management Plan--Instructions for Use

Pollutants in Indoor Air and as additionally detailed in the LEED BD+C Reference Guide.

The LEED Reference Guide also requires the Plan to include the following tasks:

- (1) Sequence the installation of materials to reduce the chances that porous materials absorb contaminants emitted by pollutant sources.
- (2) Document work undertaken in fulfillment of the Plan.
- (3) Submit documents for LEED Certification.
- (4) Define overall coordination and communications related to the Plan's implementation.

CONSTRUCTION INDOOR AIR QUALITY MANAGEMENT PLAN

PROJECT

Project Location

Developed by:
Steven Winter Associates, Inc.

DRAFT FOR REVIEW

DATE

OVERVIEW

The intent of this Plan is to:

- (1) Minimize exposure of construction workers to air pollutants;
- (2) Prevent air pollutants from collecting in building systems and on building materials;
and
- (3) Prevent air pollutants caused by construction from migrating into occupied spaces.

For the purposes of this Plan, air pollutants are defined as:

- Particulates;
- Volatile organic compounds;
- Formaldehyde;
- Combustion emissions;
- Airborne bacteria and micro-organisms; and
- Airborne inorganic compounds, such as ozone (from electrical motors), metal fumes (from smoldering and welding), and ammonia and chlorine (from cleaning products).

The Plan addresses all measures required by the U.S. Green Building Council's LEED-NC Rating System (Version 3.0) Credits EQ-3.1 and EQ-3.2 (Construction Indoor Air Quality Management Plan).

PROJECT ORGANIZATION

PERSONNEL AND RESPONSIBILITIES

The following personnel will have primary responsibility for executing and monitoring the Construction IAQ Management Plan. Responsibilities are defined as the following:

Construction Manager

- Overall responsibility for the execution of the plan.
- Resolve disputes related to Plan execution and coordination.
- Appoint the IAQ Representative. The Representative shall be the [Field Superintendent][Project Manager][Other-designate job title]

IAQ Representative

- Inform all construction personnel of the Construction IAQ Management Plan's goals and procedures. Provide opportunities for discussion and feedback to ensure that all construction personnel thoroughly understand the intent and detailed procedures of the Plan.
- Regularly tour the jobsite to supervise and ensure Plan compliance.
- Discuss ongoing measures to carry out the Plan at project coordination meetings and/or meetings organized to address Construction IAQ Management. Minutes shall be kept at these meetings for the Owner's records and for Plan documentation.
- Ensure that criteria for warnings and corrective actions due to poor or failed compliance with the Plan are clearly understood by all affected parties.
- Notify the [Field Superintendent][Project Manager][Other-designate job title] if, in the Representative's opinion, the procedures and measures required to implement the Plan are not being adhered to.
- Generate and/or compile all Plan documentation.

Subcontractors

- Carry out requirements of the Plan under the direction of the Representative.
- Discuss measures to carry out the Plan at all meetings with the Construction Manager and with any other subcontractors performing work affected by the Plan.
- Sequence work and use work methods that conform to the Plan requirements.
- Assume financial responsibility for costs resulting from poor or failed compliance with the Plan.

PLAN DOCUMENTATION

Primary copies of the documentation will be filed at the project site, with a copy stored at the office of the Construction Manager. Upon occupancy of the building (or earlier, if requested), the Owner will be provided with the following documentation package:

- The approved Construction IAQ Management Plan.
- Deficiency reports showing corrective action taken and dates of both deficiency and corrective action.
- Schedule of temporary use of building mechanical equipment.
- Schedule of filter change-outs showing location, time, and filter type, until acceptance of equipment by Owner.
- Cut sheets for all filtration media used.
- Copies of duct testing and cleaning reports (if performed).
- Job progress photographs: at least [number, with a minimum of 18] clear progress photographs evenly divided among [number] different occasions. Photographs will show implementation of various measures required by the Plan, and will be labeled to indicate the measure being shown. Photographs will have integral date stamps, and will be submitted in chronological order.

REFERENCED STANDARDS

Sheet Metal and Air Conditioning Contractors National Association (SMACNA) IAQ Guidelines for Occupied Buildings Under Construction, 2nd Edition, Chapter 3, November 2007. The overall intent and some detailed recommendation found in these Guidelines is the basis for the Plan, although the Guidelines are intended for use in occupied buildings.

ANSI/ASHRAE 52.2-1999; Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size. These define the testing to establish the MERV rating of filters.

General Specifications for the Cleaning of HVAC Systems, National Air Duct Cleaning Association, 1997, www.nadca.com (202-737-2926).

CONTROL MEASURES

HVAC EQUIPMENT AND DUCTWORK

HVAC equipment and ductwork will be protected from dust and other pollutants via the following procedures:

Sealing Ductwork and Air Handling Equipment

- Openings into installed ductwork and air-handling equipment not in active use will be sealed using taped plastic, taped cardboard, or other reasonably air-tight coverings. Sealing will occur prior to, or immediately upon installation of the ductwork or equipment. Regular walk-throughs will be conducted by the IAQ Representative to check for damaged or displaced coverings. Repair or replacement of damaged or displaced coverings will occur immediately upon discovery, at the direction of the IAQ Representative.
- Construction work that generates air pollution will be avoided where ductwork or air-handling equipment is being installed. If visible air pollutants are present in a space where ductwork is to be installed, spot cleaning or other measures will be used to prevent ductwork or equipment contamination.

Use of Mechanical Systems during Construction

The use of mechanical systems during construction will be subject to the following control and protection measures:

- Exhaust and makeup air supply systems: when a system is operated during construction, its filters will be replaced [\[upon completion\]](#)[\[prior to flush-out\]](#).
- Central air systems will be subject to these provisions when operated during construction:
 - The central AHU will be protected with a temporary filter having a minimum rating of MERV 8 per ASHRAE 52.2-1999.
 - Distribution elements needing filters, including all return air ductwork, will be protected with temporary filters having a minimum rating of MERV 8 per ASHRAE 52.2-1999 unless otherwise noted below.
 - If used for prolonged periods, filters will be periodically inspected and replaced if dirty.
 - All components of the distribution on the return side will be protected, including but not limited to:
 - The portion of the air handler upstream of the central fan;
 - Return vents, ducts and shafts;
 - VAV box intakes; and
 - Transfer ducts.

Construction Indoor Air Quality Management Plan

- Components of the distribution system on the supply side will typically not need protection except:
 - If portions of the supply system become contaminated, coarse filters will be applied to completely cover supply outlets, to prevent the distribution of particulates into building spaces.

Filter Replacement and Tracking

- MERV 8 filters used for ductwork protection will be replaced on an as-needed basis, as determined by the IAQ Representative.
- [Upon completion][Prior to flush-out], the MERV 8 filters used for ductwork protection will be discarded. New filters will be installed at all air handlers.
- A cut sheet for each type of temporary filter used will be filed and included in the final submittal.
- A schedule of filter replacements (showing location, time, and filter type) will be recorded and included in the final Plan documentation.

Duct Cleaning

Duct cleaning will be considered a last resort measure in the event of a failure of other measures. If duct cleaning is needed:

- The work will be done by experienced professionals skilled in the task, using specialized equipment and following the requirements of the *General Specifications for the Cleaning of HVAC Systems* referenced above.
- If it is found that duct liner, ductwork, or equipment is too contaminated to be cleaned successfully, it will be replaced at no cost to the Owner.
- If construction is still underway at the completion of cleaning, all openings required to be sealed per this Plan will be resealed as soon as possible after cleaning.
- A log recording all duct cleaning that takes place during construction will be created, filed, and included in the final submittal.
- The party creating the pollution will bear the cost of cleaning, if the polluting work was done in violation of the Plan and if the party was properly informed before the violation per the provisions of this Plan.

SOURCE CONTROL

This Plan is predicated on the use of low-emission interior products which comply with the following VOC limit standards:

- Adhesives, Sealants, and Sealant Primers: California's South Coast Air Quality Management District (SCAQMD) Rule #1168 (effective July 1, 2005 and rule amendment date of January 7, 2005).

Construction Indoor Air Quality Management Plan

- Architectural paints, coatings, and primers applied to interior walls and ceilings: Green Seal Standard GS-11, Paints, First Edition, May 20, 1993.
- Anti-corrosive and Anti-rust paints applied to interior ferrous metal substrates: Green Seal Standard GC-03, Anti-Corrosive Paints, Second Edition, January 7, 1997.
- Clear wood finishes, floor coverings, stains, sealers, and shellacs applied to interior elements: California's South Coast Air Quality Management District (SCAQMD) Rule 1113, Architectural Coatings, rules in effect January 1, 2004.
- Carpet, carpet cushion: Carpet and Rug Institute's (CRI) Green Label Plus program.
- Carpet and Tile Setting Adhesives: SCAQMD Rule #1168 (effective July 1, 2005 and rule amendment date of January 7, 2005).
- Hard Surface Flooring (vinyl, linoleum, laminate flooring, wood flooring, ceramic flooring, rubber flooring and wall base) : FloorScore standard (Current Version)
- Floor Finish/Sealer/Stain: SCAQMD Rule 1113, Architectural Coatings, rules in effect January 1, 2004.
- Composite wood, agrifiber products, and laminating adhesives: Urea formaldehyde-free

Modifying Equipment Operation

To reduce air pollution during construction:

- Electric equipment will be used instead of gasoline-powered equipment whenever practical.
- Bottled gas will be used in place of diesel fuel whenever practical.
- Exhaust from gasoline or diesel vehicles will be kept away from air intake pathways.
- Fuel-burning equipment will be cycled off during extended periods between uses.

Changing Work Practices

All construction workers will use work practices that reduce the generation and distribution of indoor air pollutants. The Representative will conduct orientation sessions with affected construction workers and supervisors. In these sessions, the Representative will review goals covering all aspects of the Plan, including HVAC protection, source control, pathway interruption, used of low-VOC products, housekeeping, and flush-out.

Local Temporary Exhaust

Where available, operable vents and windows will be opened to ventilate the building during application of interior finishes when weather conditions are suitable. Spaces with fixed glazing or no windows will be ventilated by localized temporary exhaust, as described below, or by using building mechanical systems (described above).

Construction Indoor Air Quality Management Plan

- Any local regulations concerning the discharge of particulates will be adhered to.
- Local temporary exhaust will be accomplished using fans, duct extensions, and filters.
- Local temporary exhaust will not discharge near air intakes or other openings that lead into the building.
- When necessary to control odors, special filtration media such as potassium permanganate or activated charcoal will be used.
- Building louvers may be temporarily removed, or the installation of fixed windows delayed for the placement of exhaust ductwork.

Covering or Sealing Sources of Pollution

The following rules apply to materials that emit air pollutants or odors:

- Containers containing wet materials will be covered whenever they are not in active use.
- Waste materials will be covered or sealed and regularly removed from the building.
- Absorptive materials or materials with an odor will be covered while moved through the building.
- Whenever possible, material containers will be disposed of with the covers on.
- Enclosed tankers will be used for built-up roofing instead of open kettles.
- Materials that require a surface coating to control pollutants or odors will be coated promptly.

PATHWAY INTERRUPTION

Measures will be implemented to close or cover pathways between spaces through which pollutants could travel.

Controlling Pollution at Entrances

Measures will be taken to prevent pollutants from being tracked into interior spaces by workers or equipment. These will include temporarily walk-off mats and floor protection.

Protection of Stored Materials

Measures will be taken to minimize dust accumulation on material surfaces and the absorption of other pollutants by absorbent materials. The measures will include the following:

Construction Indoor Air Quality Management Plan

- Materials will be handled and stored according to the manufacturer's recommendations.
- Unwrapped absorbent materials will be shrink-wrapped if necessary.
- Highly absorbent materials like duct liner, acoustic tile, carpeting, or insulation will be stored indoors in the original packaging, or covered and sealed.
- Moderately porous materials like gypsum board will be stored indoors, wrapped or away from dust and materials prone to off-gas VOC's.
- Framing lumber will be stored indoors whenever possible. If stored outdoors, the lumber will be (1) covered with a water proof covering, (2) stored off the ground, and (3) located away from standing water.
- Dense material like glass, metal framing, ductwork and equipment will be covered and kept dry.
- If condensation forms on cold material, care will be taken not to expose it to dust or other particles. If exposed to pollution, housekeeping measures will be used promptly to clean the material before installation.

Protection of Materials During and After Installation

- No materials intended for dry installation will be installed wet.
- No materials will be stored in rooms containing air-handling equipment, other than materials intended for use there.
- The Representative will determine appropriate measures to prevent water damage to materials not intended to be wet during construction, including temporary water barriers and/or water stops.
- Subcontractors are required to notify the Representative of any condition in which a material may be moisture damaged. The Representative will inspect the material and determine if it needs to be replaced.
- Subcontractors who apply finishes without notifying the Representative of underlying water damage will be financially responsible for the cost of removing and replacing all affected materials, and of related work, including investigating for mold spores.

Preventing Contamination of Completed Areas from Work under Construction

When work is completed in an area, the area will be protected from pollutants generated in other parts of the building still under construction. One or more of the following methods of pathway interruption will be used:

Erecting barriers between completed areas and areas still under construction

Construction Indoor Air Quality Management Plan

Where present, doors and windows will be closed and locked between completed portions of the building and portions of the building still under construction. The closures will be further sealed with tape, plastic sheeting and/or sealant, if necessary.

Where there is no constructed barrier between the two portions of the building, a temporary barrier will be erected to close in the small of the two spaces. The edge of the temporary barrier will be taped continuously to ensure a tight seal, or even caulked. The temporary barrier will be erected to withstand pressure differentials between the two spaces. Elevator and stairways that open on to both completed areas and areas still under construction will have air lock vestibules at their entries to the floor to prevent the passage of dust and other contaminants by the stack effect.

[De-pressurizing the work area]

After sealing the finished area off from the work area with a barrier, the work area will be de-pressurized using exhaust techniques described above.]

[Pressurizing the finished area]

The finished area will be pressurized [in combination with de-pressurizing the work area]. This will not be done when the finished area is undergoing flush-out.]

HOUSEKEEPING

The following housekeeping measures will be employed as part of the Plan:

- A regular housekeeping schedule will be instituted. Cleaning measures and frequency will be selected according to the pollutants generated in a space.
- Where applicable, dust will be suppressed by the use of low-odor wetting agents and sweeping compounds.
- Low-odor cleaning agents will be used.
- Spills of water or solvent will be cleaned up immediately.
- Attention will be given to cleaning hidden or hard-to-reach surfaces, such as wall cavities, tops of door, ledges, and behind water closets.

SCHEDULING

Construction Activities shall be coordinated to minimize or eliminate disruption of operations of occupied portions of the building. Construction Activities shall also be scheduled to minimize the impact on Indoor Air Quality of occupied portions of the building. Scheduling measures shall be implemented to minimize disruption of operations and protect IAQ when Pathway Interruption, Source Control or other measures noted above are not adequate. The following scheduling measures shall be employed when appropriate:

Construction Indoor Air Quality Management Plan

- Conduct activities with high pollution potential during off hours such as weekends or evenings to allow time for new materials to air-out
- Allow time for new furnishings to adequately air out in ventilated non-occupied areas before installing in occupied areas.
- Conduct activities that generate high levels of noise and/or vibration during weekends or evenings.
- Use best efforts to sequence finish applications as outlined below

SEQUENCING FINISH APPLICATIONS

- The installation and application of finishes will be scheduled to prevent porous materials from acting as “sinks” for the storage and subsequent release of contaminants emitted from wet-applied finishes and other high off-gassing materials.

PROCEDURES

The following sequencing procedures will be coordinated by the Representative:

- Carpet and carpet tiles will be removed from their packaging 24 to 72 hours prior to their installation and stored in ventilated areas away from acoustical ceiling tiles (and away from spaces where ceiling tiles have been installed). Only low-VOC adhesives will be used for carpet installation.
- Caulks, sealants, and joint fillers will be applied prior to installing carpets or acoustical ceiling tiles.
- Painting of interior walls, soffits, doors, frames, etc. (with the exception of touch-up work) will occur prior to installing carpets or acoustical ceiling tiles.
- Painted areas will be allowed a minimum 48 hour drying period before carpets or acoustical ceiling tiles are installed. Only low-VOC paints and primers will be used.
- Where feasible, a primer coat of paint will be applied to gypsum wallboard prior to the application of caulks, sealants, and joint fillers.
- Custom architectural millwork items will be finished off-site and delivered to the site after a minimum 48 hour curing period.
- Fabric-covered systems furniture panels and upholstered furniture will be installed after all other finish work is complete, and after flush-out is complete.

[LEED only requires a building flush-out or air quality testing. It is the responsibility of the representative, commissioning agent, or other responsible party to determine which compliance path to take in order to fulfill the credit requirements of EQ-3.2: Construction IAQ Management Plan – Before Occupancy]

BUILDING FLUSH-OUT

The following procedures address the requirements of LEED-NCv3.0 Credit EQ-3.2: Construction IAQ Management Plan – Before Occupancy. The [Representative][Commissioning Agent][Other-specify title] will be responsible for coordinating and documenting the flush-out operation.

FLUSH-OUT

- [After completing and cleaning the building, all mechanical systems that supply outside air will supply a total air volume of [14,000 cubic feet] of outdoor air per square foot of floor area while maintaining an internal temperature of at least 60 degrees Fahrenheit and a relative humidity no higher than 60%.
-OR-
- After completing and cleaning sections of the building to be occupied prior to the flush-out, all mechanical systems that supply outside air to the completed section will supply a minimum of 3,500 cubic feet of outdoor air per square foot of the floor area space. The occupied space will be ventilated at [a minimum rate of 0.30 cfm/sq.ft. of outside air or the design minimum outside air rate determined in EQ Prerequisite 1, whichever is greater.]
- Ventilation of the occupied spaces will begin [a minimum of 3 hours] prior to occupancy and continue for the duration of occupancy. Flush-out will continue until a total of [14,000 cu.ft./sq.ft.] of outside air has been delivered to the space.
- Filters at central air handling units (AHU's) that are operated during flush-out:
 - Prior to use, each AHU will be equipped with filters having a minimum rating of MERV 8 per ASHRAE 52.2-1999 (AHU's that have been operated during construction will already be so equipped per the above section "Use of Mechanical Systems during Construction").
 - After flush-out, filters in those AHU's that supplied and exhausted 100% outside air will be inspected. If a significant accumulation of particulates has occurred, these filters will be replaced.
- When a completed section of the building is flushed out while construction continues elsewhere, it will be effectively separated from on-going construction-generated pollution in accordance with the requirements of "Pathway Interruption," above.
- Care will be taken to prevent pollution generated by construction dust, particulates or volatile chemicals from entering outside air intakes during flush-out.

AIR QUALITY TESTING

The following procedures address the requirements of LEED-NCv3.0 Credit EQ-3.2: Construction IAQ Management Plan – Before Occupancy. The [Representative][Commissioning Agent][Other-specify title] will be responsible for coordinating and documenting the baseline IAQ testing after construction ends and prior to occupancy.

- After completing and cleaning the building, perform baseline IAQ testing prior to occupancy using testing protocols consistent with the *United States Environmental Protection Agency Compendium of Methods for the Determination of Air Pollutants in Indoor Air (additionally detailed in LEED BD+C Reference Guide, 2009 Edition)*.
- All testing will be conducted prior to occupancy, during normal occupied hours, with the building ventilation system started at the normal daily start time and operated at the minimum outside air flow rate [minimum outside air flow rate] for the occupied mode for the duration of the air testing.
- All interior finishes will be installed prior to air testing.
- Sampling locations will be designated for each portion of the building served by a separate ventilation system; at a minimum of one sampling point per 25,000 square feet or contiguous floor area, [insert whichever is greater] and including areas with the least ventilation and greatest presumed source strength.
- Air samples will be collected from [between 3 feet and 6 feet] from the floor to represent the breathing zone of occupants over a 4-hour period.
- Testing will be performed and documented noting that the maximum contaminant concentrations listed below are not exceed. If the maximum contaminant concentrations are exceeded, additional flush-out with outside air will be performed at each sampling point where concentration limits are exceed. Retesting will be performed to document concentration levels have been met.

- | | |
|---|--|
| • Formaldehyde | 27 parts per billion |
| • Particulates (PM10) | 50 micrograms per cubic meter |
| • Total Volatile Organic Compounds (TVOC) | 500 micrograms per cubic meter |
| • 4-Phenylcyclohexene (4-PCH) | 6.5 micrograms per cubic meter |
| • Carbon Monoxide (CO) | 9 parts per million and no greater than 2 parts per million above outdoor levels |

Trade Bidder Questions

University of Connecticut Health Center
Ambulatory Care Center (ACC) Fit-Out
UCHC Project No. 11-042
Dimeo project no. 527-12

Revised thru: 9-19-13

Item No.	Reference	Trade Question	Submitted By	Responder	Response	Date Submitted	Date Responded	Date Published
001	S1004/A110E	Please provide details for the Vestibule S1004/A110E. The documents show a blow up but no drawing identified or found.	Dimeo	Perkins Eastman	Please see Revision 3 drawings Sheet A-642	04-Sep-13	11-Sep-13	16-Sep-13
002	A110G	Drawing A110G still references SK's. There are no SK's. Please advise if SK's are still applicable relative to this drawing.	Dimeo	Perkins Eastman	Please see Revision 3 drawings tags have been updated.	04-Sep-13	11-Sep-13	16-Sep-13
003	A110G	A110G between column line B.5 and C.7 there is a room in between the two OR rooms. This shows a wall with no details. Please provide information relative to this wall.	Dimeo	Perkins Eastman	Please see Revision 3 drawings partition type has been identified on the plan and detailed on sheet A-601	04-Sep-13	11-Sep-13	16-Sep-13
004	A110G/A602	Reference the Mullion Mate Details on A-602. If you look at the plans for instance A110G, this detail abuts the curtain wall furnished and installed by the Core & Shell. What is the extent of this detail supplied by the Core & Shell Contractor Fusco Clark and what is the extent to be provided by the Fit-Out Contractor Dimeo.	Dimeo	Perkins Eastman	Core and shell contractor provides a finished window or curtain wall mullion. Fit-Out Contractor to provide "mullionmate" or approved equal product and partition.	04-Sep-13	11-Sep-13	16-Sep-13
005	A130E	Please provide the elevation at West wall of waiting room S3300 on drawing A130E.	Dimeo	Perkins Eastman	See Revision 3 drawings Sheet A-330	04-Sep-13	11-Sep-13	16-Sep-13
006	A370	Please provide wall types and cut-through for walls shown on A370.	Dimeo	Perkins Eastman	See ASK-001 attached for sill detail at half height glass wall. See S/A-643 for full height glass wall details. Walls are tagged as A0-3 on the plans.	04-Sep-13	13-Sep-13	16-Sep-13
007	87113	Please provide missing/undetermined information/selections in the automatic door operator spec section 08 71 13. There appear to be a number of "fill in the blanks" still to be chosen.	Dimeo	Perkins Eastman	See revised spec in upcoming Revision 5 09/20/2013. Anthony Stark Perkins Eastman	04-Sep-13	16-Sep-13	19-Sep-13
008	Food Service	Please provide Food Service Specifications if any of this work is to be included in the Project.	Dimeo	Perkins Eastman/Dimeo	There is no food service work to be done by This contractor	04-Sep-13	13-Sep-13	16-Sep-13
009	Window Shades	There are no window shades shown on the Architectural, RCP's, Equipment Plans or the Finish Plans/Schedules. The types are called out on the Finish Material Legend however the types don't match the specs. For instance, the spec only refers to "Microprocessor-controlled raising and lowering of shades based on time of day, location and pre-set activities Reference to diagrams immediately following this section". There are no diagrams provided and the finish material legend references motorized and manual shades. Please advise. The electrical plans also don't show any wiring to the shades if there are motorized shades. Please advise. Since there are no shades shown how are we going to indicate what blocking is required for the shades and at what locations? Please advise.	Dimeo	Perkins Eastman	Please see attached schedule indicating locations and types of shades for the project. The wiring for the motorized shades is shown on E-220E and E-220F. Anthony Stark Perkins Eastman 09/16/09	04-Sep-13	17-Sep-13	19-Sep-13

University of Connecticut Health Center
 Ambulatory Care Center (ACC) Fit-Out
 UCHC Project No. 11-042
 Dimeo project no. 527-12

Revised thru: 9-19-13

Item No.	Reference	Trade Question	Submitted By	Responder	Response	Date Submitted	Date Responded	Date Published
010		Elevator S1L1's north elevation (1/A310) references WF, refer to finish plans for specifications. The Finish plans do not have a WF and tells you to reference the elevations. Please advise what WF is?	Dimeo	Perkins Eastman	See Revision 3 drawings, this material has been revised and defined on the finish plan and material legend.	04-Sep-13	11-Sep-13	16-Sep-13
011	Millwork	Is the abbreviation WD – Wood Wall Panels? Are the Cherry wall panels the only type of wood panels on the Project? Should there be a general note somewhere indicating that all wood wall panels are Cherry? There appear to be a lot of wood walls with no designations on the Architectural but are called out as WD on the finish schedules.	Dimeo	Perkins Eastman	See Revision 3 drawings, finish schedule was revised extensively. WD or WD-01 is defined on the material legend on sheet AI-109 as cherry.	04-Sep-13	12-Sep-13	16-Sep-13
012	A110G/A310	Reference A110G/A310. There is a wall that looks like stone. The finish plans indicate paint. The finish material legend has a stacked stone tile listed but its designation is not included in this corridor. If the stacked stone tile is required where is it specified?	Dimeo	Perkins Eastman	See Revision 3 sheet AI-109 wall finish STW-01	04-Sep-13	12-Sep-13	16-Sep-13
013	A140D/A310	Reference A140D. This drawing calls out elevation 4/A330. 4/A330 is a coffee kiosk? This does not match. Please provide information on the correct detail.	Dimeo	Perkins Eastman	Tag references on A-140D to 3/A-330, and 4/A-330 should be ignored, they are area drawing errors. These tags are only valid for elevations on Sheet A-130D.	04-Sep-13	12-Sep-13	16-Sep-13
014	16/A351	16/A351. What is a tangent screen and where is it specified? Please provide required information.	Dimeo	Perkins Eastman	Tangent screen is a piece of medical equipment. The Fit-Out scope includes the blocking to hang this. See architecturally significant equipment book for more information.	04-Sep-13	13-Sep-12	16-Sep-13
015	Penetrations	Are the duct openings shown on the structural drawings existing or do they need to be cut. The same question also applies for any necessary beam penetrations. Please advise.	Dimeo	Perkins Eastman	The duct openings shown on the structural drawings need to be cut. The same applies for the beam penetrations shown. This is the extent of penetrations required as we were informed. There is a note on plan S-105 that refers to detail 6/S502 for the structural details at the roof openings of the exhaust shaft.	04-Sep-13	12-Sep-13	16-Sep-13
016	Fire Protection	Is fire protection engineering required?	Dimeo	Perkins Eastman	The fire protection system must be engineered by the sprinkler contractor to satisfy the requirements of NFPA and the design specifications. Reference specification sections 210500, 210510, 210584 and 211000. BR+A: MJR 9/13/13	04-Sep-13	16-Sep-13	19-Sep-13
017	A110B	A110B still lists SK's in the sections. Please advise if SK's are still applicable or not.	Dimeo	Perkins Eastman	See Revision 3 drawings, tags have been revised.	04-Sep-13	12-Sep-13	16-Sep-13
018	A361	What are the full height screens shown in elevations on A361. Please advise.	Dimeo	Perkins Eastman	See revision 3 drawings partition types have been identified.	04-Sep-13	12-Sep-13	16-Sep-13

University of Connecticut Health Center
Ambulatory Care Center (ACC) Fit-Out
UCHC Project No. 11-042
Dimeo project no. 527-12

Revised thru: 9-19-13

Item No.	Reference	Trade Question	Submitted By	Responder	Response	Date Submitted	Date Responded	Date Published
019	061000	In spec section 061000. Part 2.06.A References Telephone and Electricalequipment backing panels. The Tel/Data rooms are shown to be by Core &Shell? Do we need to include the backer panels in the electrical/teldatarooms as part of the Fit-Out contract? Please advise.	Dimeo	Perkins Eastman	Provide backboards for the MDF are part of the fit-out package. Backboards arerequired in all telecommunications rooms. Core and SHell drawing T301 call for them in all rooms but the MDF.	04-Sep-13	12-Sep-13	16-Sep-13
020	TY-301	Drawing TY-301 refers the Fit-Out Contractor to refer to the Core & Shell drawings for infrastructure pathways and routing? A Core & Shell set of dwg's will need to be made part of this Fit-Out bid.	Dimeo	Dimeo	Core & Shell drawings have been issued for reference only in Addendum #3.	04-Sep-13	12-Sep-13	16-Sep-13
021	TY-302	Drawing TY-302 (Security) indicates that the Telecom Trade contractor runsthe cabling for the CCTV cameras. Has this work been coordinated with theother Engineering Trades? While comparing the drawings to the DesignDevelopment Set, this drawing is missing in the CD set.Drawing TY-303 the print is almost unreadable on the Design DevelopmentSet, and while comparing the drawings to the Design Development Set, thisdrawing is also missing in the CD set.Please provide the missing drawings.	Dimeo	Perkins Eastman	Shen Milsom & Wilke September 13, 2013 All cabling for CCTV cable runs will be installed by the security contractor. Dawings TY-302, 304 have been revised since the DD set. All security riser drawings TY-301, 302, 303 & 304 have been issued in every phase DD & CD, all issues prior to 100% CD are no longer relevant and only the most current set of drawing are to be referenced. Updated drawings have been reprinted and legible and attached to this RFI response. Steven Sorrenti	04-Sep-13	16-Sep-13	19-Sep-13
022	TT-101B	Drawing TT-101B CT-SIM room S1626 one of the symbols is unclear.Please clarify.	Dimeo	Perkins Eastman	On drawing TT-110B, the CT-SIM room (S1626) shows the following outlets:(1) wall mounted single data outlet(4) wall mounted 3 -port voice/data outlets(1) wall mounted single voice outlet(2) ceiling mounted 3-port data outlets(1) ceiling mounted dual data outlet for wireless access point	04-Sep-13	12-Sep-13	16-Sep-13
023	TT-110E/TT-110E	Drawing TT-110E room S1501 two of the symbols are unclear. Pleaseclarify. Drawing TT-110E room S6101 one of the symbols is unclear. Please clarify.	Dimeo	Perkins Eastman	Drawing TT-110E, room S1501 shows the following outlets:(2) wall mounted 3-port voice/data outlets(2) wall mounted single data outlets(3) floor mounted 3-port voice/data outletsThere is no room S6101 on drawing TT-110E, but room S1601 shows the followingoutlets:(2) wall mounted 3-port voice/data outlets.	04-Sep-13	12-Sep-13	16-Sep-13
024	TT-201	Drawing TT-201 looks like the Fit-Out contractor owns MDF racks, groundbars and ladder racks? THERE is no note indicating whether this is Core &Shell work or Fit-Out work. Please advise.	Dimeo	Perkins Eastman	For drawing TT-201:Provide racks 05; 06; and 07 (annotated as 'fit-out) in the fit-out packageProvide the (4) darkened sections of ladder rack (annotated as 'new') in the fit-outpackage.The telecom ground bar in that room is part of the core and shell package per coreand shell drawing T301. Do not include it in the fit-out package.	04-Sep-13	12-Sep-13	16-Sep-13
025	TT-202	Drawings TT-202 through TT-216 looks like the Fit-Out contractor owns IDFracks, ground bars and ladder racks? There is no note indicating whetherthis is Core & Shell work or Fit-out work. Please advise.	Dimeo	Perkins Eastman	For drawing TT-202 thru 216 The 2-post and 4-post IDF racks and vertical wire managers are by the core and shell contractor. The telecom ground bars are by the core and shell contractor. Overhead ladder rack is by the core and shell contractor. Vertical ladder rack is not included in the core and shell package. Provide in the Fit-out package. J. Banahan – SMW, 9/17/13	04-Sep-13	17-Sep-13	19-Sep-13

University of Connecticut Health Center
 Ambulatory Care Center (ACC) Fit-Out
 UCHC Project No. 11-042
 Dimeo project no. 527-12

Revised thru: 9-19-13

Item No.	Reference	Trade Question	Submitted By	Responder	Response	Date Submitted	Date Responded	Date Published
026	TT-301	Drawing TT-301 is unclear who owns pathways and floor sleeves. Please clarify.	Dimeo	Perkins Eastman	For drawing TT-301, provide only the (1) 2" conduit from the MDF to the Retail Pharmacy room S1300 and the (1) 4" conduit from IDF8A and IDF 8B to the roof. The remainder of the pathways are provided under the core and shell package.	04-Sep-13	12-Sep-13	16-Sep-13
027	TT-302	Drawing TT-302 is unclear who owns fiber optic cables.	Dimeo	Perkins Eastman	Include all the RG-11 cabling, 24-strand single mode ties between IDF's on each floor and the 12-strand multi-mode cable between rooms S1830 and S1624 in the fit-out package. The remainder of the cabling (annotated with C&S) is part of the core and shell package.	04-Sep-13	12-Sep-13	16-Sep-13
028	TT-403	Drawing TT-403 it is unclear who owns this material. Please clarify if this is part of the Core & Shell project or Fit-Out project.	Dimeo	Perkins Eastman	Wire-mesh basket tray (details 1 through 9) are part of the fit-out and shown throughout all floors on plans TT-101 through TT-108 and also on plans TT-110A through TT-180F. Vertical cable runway (detail #10) is required in all IDF's and not shown in the core and shell telecom drawings. Refer to elevations on drawings TT-202 through TT-216.(3) 2-post equipment racks (detail #11) are required in the mDF (refer to TT-201 and RFI #24).	04-Sep-13	12-Sep-13	16-Sep-13
029	E201C	Drawing E-210C shows the Air Cooled Chiller, but it is unclear who owns the wiring. Please clarify and provide necessary information if this is part of the Fit-Out project.	Dimeo	Perkins Eastman	BR+A Response: Air cooled chiller unit to be provided under fit-out. Refer to HVAC drawings for additional information. JAL & RB	04-Sep-13	17-Sep-13	19-Sep-13
030	E-401	Drawing E-401 Electrical Normal Riser Diagram has a feeder schedule but not all the feeders are tagged. Please provide the missing information.	Dimeo	Perkins Eastman	BR+A Response: 100% construction documents does not show feeder tags or schedule on drawing E-401. Refer to distribution panel schedules, drawings E-501, 502 & 503 for feeder schedule and sizes. JAL & RB	04-Sep-13	17-Sep-13	19-Sep-13
031	E-402	Drawing E-402 no feeder shown for panel ECRDPL5. Please provide the required information.	Dimeo	Perkins Eastman	BR+A Response: Refer to drawing E-503 for feeder size. JAL & RB	04-Sep-13	17-Sep-13	19-Sep-13
032	E-501 thru E-503	Drawings E-501 through E-503 the electric panels are not designated as the Core & Shell project or the Fit-Out. Please clarify in which project these panels belong.	Dimeo	Perkins Eastman	BR+A Response: Refer to Line Legend on drawing E-501, 502 & 503 for fit-out versus core and shell scope. JAL & RB	04-Sep-13	17-Sep-13	19-Sep-13
033	E-503	Drawing E-503 what do the dark boxes mean? Please clarify if this pertains to the Fit-Out Project and what it is.	Dimeo	Perkins Eastman	BR+A Response: Refer to Line Legend on drawing E-503 for fit-out versus core and shell scope. JAL & RB	04-Sep-13	17-Sep-13	19-Sep-13
034	EF-301 thru EF-308	Drawings EF-301 through EF-308 many of the symbols are jumbled up one each other or are lost in the room designation layer. Can you please clarify the symbols on these pages.	Dimeo	Perkins Eastman	BR+A Response: Refer to 1/4" scale planes, areas "A"- "H", for clarification. JAL & RB	04-Sep-13	17-Sep-13	19-Sep-13
035	A210E	On RCP A210E - details for Public elev lobby S1L1 are blank. Please provide details.	H. Carr	Perkins Eastman	Similar to detail 7/A-770.	04-Sep-13	12-Sep-13	16-Sep-13
036	A210G	On RCP A210G @ room S1854 at the intersection of act/act there is a height differential of 8" to 9'7" there is not detail provided for this height change. Please provide the detail for this area.	H. Carr	Perkins Eastman	see detail 6/A-770	05-Sep-13	12-Sep-13	16-Sep-13

University of Connecticut Health Center
 Ambulatory Care Center (ACC) Fit-Out
 UCHC Project No. 11-042
 Dimeo project no. 527-12

Revised thru: 9-19-13

Item No.	Reference	Trade Question	Submitted By	Responder	Response	Date Submitted	Date Responded	Date Published
037	A210G	On RCP A210G @ tech /ctrl area S1866 adjacent there are 4 each 4x4boxes indicated. Please confirm what these are	H. Carr	Perkins Eastman	see revision 3 drawings, these boxes were identified as soffitto be coordinated with the skylights provided by the core andshell project.	05-Sep-13	12-Sep-13	16-Sep-13
038	A230E	Please confirm if acoustical ceilings are required at the electric rooms. Thefinish legend does not provide a finish at these locations, but the repindicates an act layout for some of these rooms. For example at S3EL03see A230E. Please clarify if work is required in any of these rooms underthis contract.	H. Carr	Perkins Eastman	Ceilings are not required in Fit-Out electrical rooms.	05-Sep-13	12-Sep-13	16-Sep-13
039	9/A770	At intersection of corridor S6C06/S6C05 section details of 9/A770 indicatedon RCP . The detail 9/A770 is for a drywall to act transition. This locationis an act/act transition. Please confirm the detail to be utilized.	H. Carr	Perkins Eastman	It should be a Gyp Bd. transition similar to the other areas. TheCeiling plan will be revised.	05-Sep-13	12-Sep-13	16-Sep-13
040	A280D & A280F	At the top of stairs S8501/S8503 there is an act ceiling indicated on rcpA280D & A280F. The finish legend does not note any finish at theselocations. Please confirm that these ceilings are by the Core & Shellcontractor and not included in the Fit-Out contract.	H. Carr	Perkins Eastman	The ceilings inside the stairs are not partof the Fit-Out scope	05-Sep-13	12-Sep-13	16-Sep-13
041	A210F	On RCP A210F there is an act height change at room S1807 with no detailprovided. At this same location there is a cubicle curtain indicated. Pleaseprovide details for how the height change is being addressed, ie with acttrim or drywall and the interaction with this and the cubicle curtain. Pleaseadvise.	H. Carr	Perkins Eastman	Refer to detail 6/A-770 for the ACT to ACT ceiling heighttransition. cubicle curtains shall be surface mounted to ceilinggrid with spacers for tegular tiles.	05-Sep-13	12-Sep-13	16-Sep-13
042	A210G	A210G still has references to 1/SK4 and others at room S1864. Pleaseadvise if SK's are still applicable or not.	H. Carr	Perkins Eastman	see Revision # drawings, tags have been updated	05-Sep-13	12-Sep-13	16-Sep-13
043	A760	On RCP general notes #7 indicates to see A760 for typical details pleaseconfirm this should be A770.	H. Carr	Perkins Eastman	Yes refer to sheet A-770 for typical ceiling details	05-Sep-13	13-Sep-12	16-Sep-13
044	A210E	Please confirm/provide detail for reception soffit @ S1504, no detailsindicated on A210E. Details on A641 appear to only address the walls atthis location. Please advise.	H. Carr	Perkins Eastman	see Revision 3 drawings, tags have been provideddetail 11/A-770	05-Sep-13	13-Sep-12	16-Sep-13
045	A210E	Provide details for ceilings at elevator public lobby S1L1 and similar lobbies.Details on A210E are blank. Please advise.	H. Carr	Perkins Eastman	similar to detail 14/A770	05-Sep-13	13-Sep-12	16-Sep-13
046	A220E, A771, A770	On rcp A220E the detail at the exterior wall shows 4/A771 and 14/A770.These details do not appear to be the correct details. 14/A770 notes forPACU locations. The 2nd floor where this is used is a lobby/corridorlocation. Please advise.	H. Carr	Perkins Eastman	see revision 3 drawings detail 4 has been updated for the shade pocket atthe exterior wallDetail 14 is mis-labeled but it is the correct detail for this ceiling condition	05-Sep-13	13-Sep-12	16-Sep-13
047	A130G	On A130G section 2, there is a blank section of notes. Please provide thecorrect information for here.	H. Carr	Perkins Eastman	notes are not missing. Fit-Out scope in this bridge area only includes handrailand ceiling finish.	05-Sep-13	13-Sep-12	16-Sep-13
048	A642	On A110E the vestibule S1004 has a blow up designation that is blank,please confirm this should be labeled as A642. Please advise.	H. Carr	Perkins Eastman	Yes. See Revision 3 drawings	05-Sep-13	13-Sep-12	16-Sep-13

University of Connecticut Health Center
 Ambulatory Care Center (ACC) Fit-Out
 UCHC Project No. 11-042
 Dimeo project no. 527-12

Revised thru: 9-19-13

Item No.	Reference	Trade Question	Submitted By	Responder	Response	Date Submitted	Date Responded	Date Published
049	Ceilings	Please advise if there are any specialty ceiling requirements for the drywallceilings at the OR and lab rooms on the 8th floor.	H. Carr	Perkins Eastman	The rooms will be positively pressurized and all penetrations need to be sealed or gasketed per the "TVF department notes on the construction plans A-180A thru A-180F	05-Sep-13	13-Sep-12	16-Sep-13
050	A150D	Please confirm the requirements for the shaft locations. It is unclear the extent of the shaft work and how this should be completed. For example on A150D at shaft #2 it appears that there is a new small shaft to be installed in the corner of an existing shaft, this is all in the greyed out areas that is not to be included in this scope of work. On A150A in the greyed area within an existing shaft there appears to be two new sides of a shaft to be added. How will we access this work? This also occurs on A150C and at other locations. Do these shafts start at this floor? Do they have ducts with in the shafts all ready? On some of the floor plans all of the shaft walls are labeled with partition types whether they are dark or greyed. Our interpretation is we are only responsible for the darker partitions. Please review and advise to each item listed above.	H. Carr	Perkins Eastman	Core and Shell will provide and install the 2hr shaft wall at shafts 1,2,3, and 4. the two walls within the 2hr shaft at the exhaust ducts will be provided by the Fit-Out, Fit Out will be responsible for removing and reinstalling the existing shaft wall as necessary to install the exhaust duct shaft wall. Anthony Stark - Perkins Eastman - 09/16/13	05-Sep-13	17-Sep-13	19-Sep-13
051	A120D	It appears that shaft 2 starts at level - A120D and continues full height. How will the interior small shaft be supported for this height with no structural intermediary steel? The limiting heights of the shaft wall systems do not allow for a continuous height of 100'. This is also the case at shaft 3. Are there any horizontal shaft requirements for these shaft locations? Please review and advise on all of the items listed above.	H. Carr	Perkins Eastman	Per spec section 092116 Gypsum board Assemblies we expected the contractor to design and provide adequate lateral bracing at each floor level to support the shaft wall. this would apply to all the exhaust shafts indicated on the drawings. The core and shell team is providing a horizontal shaft enclosure at the bottom of shaft 2 and 3 and any other required horizontal shaft components. Anthony Stark Perkins Eastman 09/13/13	05-Sep-13	17-Sep-13	19-Sep-13
052	092116	In the specification section 092116 - section 2.04 notes specialty boards, ie high abuse board, high abuse wall board, mineral fiber reinforced insulation board. We can not locate where these are designated on the drawings. Please confirm the locations for the use of any specialty boards. Please advise.	H. Carr	Perkins Eastman	Please provide high abuse board at the corridor walls. Per note 9 on A-601 provide Moisture resistant Gyp Bd at bathrooms and other wet areas and cement board at tile locations. Anthony Stark Perkins Eastman 09/16/13	05-Sep-13	17-Sep-13	19-Sep-13
053	092116	In specification 092116 section 2.03 C notes the minimum base thickness of the dimple studs as .025. We are told that this is an old specification per the Clark Dietrich representative. Please confirm that currently manufactured 20 gauge equivalent dimpled studs by the listed manufacturers are acceptable. Please advise	H. Carr	Perkins Eastman	Current 20 gauge metal dimpled studs are acceptable. Anthony Stark Perkins Eastman 09/09/13	05-Sep-13	17-Sep-13	19-Sep-13

University of Connecticut Health Center
 Ambulatory Care Center (ACC) Fit-Out
 UCHC Project No. 11-042
 Dimeo project no. 527-12

Revised thru: 9-19-13

Item No.	Reference	Trade Question	Submitted By	Responder	Response	Date Submitted	Date Responded	Date Published
054	A240B	On RCP A240B and others at the soffits above the casework there appear to be a double line indicated at some locations and just a solid box at other locations, see S4405 – shows a double line detail and at S4625 there is no double line indicated. Can you please confirm there is no differential in these two soffits? Please advise.	H. Carr	Perkins Eastman	There is no difference in the construction of these soffits	05-Sep-13	13-Sep-12	16-Sep-13
055	Exterior wall finish	Please confirm extent of finish required at the exterior wall. There is atypical construction note #11 that indicates to include 5/8" gwb at all exterior walls left unfinished by the core & shell contractor. Please confirm the majority of the walls are unfinished at the exterior and what if any insulation is required. Please advise.	H. Carr	Perkins Eastman	All exterior stud walls not covered by the Grey "Not in Scope hatch" (ie. mech rooms, elec rooms, pump rooms, loading dock and stairs) are left unfinished by the core and shell team. Please provide layer of sheet rock on all exposed stud walls that are in scope. Required insulation for the energy code is provided by the Core and shell team in the metal panel sheathing system. Where a Fit-Out partition is perpendicular to an exterior stud wall please provide acoustical batt full height at the intersecting cavity to maintain acoustic performance of the partition.	05-Sep-13	13-Sep-12	16-Sep-13
056	Finish on Core and Shell walls	Please confirm the extent of the finish on the core and shell walls. ie. in room S1501 the back side of the stair 2 wall is this finished to be ready for paint? Please advise.	H. Carr	Perkins Eastman	All Gyp Bd partitions exposed to Fit-Out scope will be taped/ mudded and sanded and ready for paint. All interior of Core and Shell Rooms (ie stairs, Elec, and IDF closets) will be painted by the core and shell team.	05-Sep-13	13-Sep-12	16-Sep-13
057	A210B	In room S1626 on the RCP A210B there are designations for SK1 & SK2. Please provide SK's or confirm that SK's are no longer applicable.	H. Carr	Perkins Eastman	refer to Revision 3 Drawings, tags have been updated.	05-Sep-13	13-Sep-12	16-Sep-13
058	AI-108	On AI-108 notes 3, 4 & 5 pertain to gwb soffits. The RCPS show many GWB soffits at exam rooms and other locations. Please confirm that all gwb soffits are indicated on the rcp drawings. Please advise.	H. Carr	Perkins Eastman	All soffits have been indicated on the RCPS.	05-Sep-13	13-Sep-12	16-Sep-13
059	110D	Casework elevations are required for the "Optical Shop S1200" per drawing-110D. Please provide this information.	Legere Group			06-Sep-13		
060	7/A-402	Sections are required for the bathroom sink counter tops typical of elevation 7/A-402. Please provide this information.	Legere Group	Perkins Eastman	See ASK-003 attached for detail Anthony Stark Perkins Eastman 09/13/13	06-Sep-13	17-Sep-13	19-Sep-13
061	OCIP	Please verify that this project is an OCIP project and that we are not to include any GL/WC Insurances in our proposal. Please confirm.	M.J. Daly	Dimeo	This is an OCIP, reference Exhibit I of section 005273 in the Trade Contractor Agreement located in Division 00 on Dimeo's FTP site.	06-Sep-13	12-Sep-13	16-Sep-13
062	Linac System	Are we responsible for the preaction detection devices and wiring for the Linac preaction system. Please clarify.	M.J. Daly	Perkins Eastman	Yes. Reference specifications section 211000-2.11. BR+A: MJR 9/20/13	06-Sep-13	18-Sep-13	19-Sep-13
063	Material Loading	Will there be man and material hoists for us to use on this project. If material hoists are available will it be sized to allow us to get small lifts to the upper floors? Please advise.	M.J. Daly	Dimeo	No, you need to provide your own crane access for any items being loaded into the building. Dimeo will provide an area for a crane and access into the building.	06-Sep-13	12-Sep-13	16-Sep-13

University of Connecticut Health Center
 Ambulatory Care Center (ACC) Fit-Out
 UCHC Project No. 11-042
 Dimeo project no. 527-12

Revised thru: 9-19-13

Item No.	Reference	Trade Question	Submitted By	Responder	Response	Date Submitted	Date Responded	Date Published
064	211000	Specification 21 10 00 item 1.02 Work Included item P, which states'Removal, relocation, modification, connections to, and/or extensions of existingsprinkler piping as required to coordinate new Fitout systems with the Shelland Core Systems.' Please clarify how we are to price this. Shouldn't thisbe carried as an allowance? Please Advise.	M.J. Daly	Perkins Eastman	The sprinkler contractor should be comparing the shell & core, submitted andapproved, sprinklerlayout drawings and as-builts to determining if the shell & core piping must move toaccommodatethe fit-out piping. Any pipe relocations must be included in their scope of work.	06-Sep-13	12-Sep-13	16-Sep-13
065	TY-401	Drawing TY-401 was not issued with the Construction Set of Drawings.Please provide this drawing.	McPhee Electric	Perkins Eastman	Drawings is attached to Addendum #3 Summary	06-Sep-13	06-Sep-13	16-Sep-13
066	E401	On drawing E-401 Normal Riser Diagram Panel L5B-C is shown, but notshown on drawing E-502 Schedule #2 of Normal Panels, Distribution BoardDPL5B or on the 5th Level Electrical Power Plan. Please clarify	McPhee Electric	Perkins Eastman	BR+A RESPONSE: Panel "L5B-C" will be removed from drawing E-401 and electric room in revision 5 dated 9/20/13. JAL & RB	06-Sep-13	17-Sep-13	19-Sep-13
067	E-401	The following Panels DPH-S1EL05 and H8A-B are shown on drawingE-401 Normal Riser Diagram, but do not appear on drawing NormalSchedules on drawing Electrical Normal Schedules E501 or E502. Pleaseadvise.	McPhee Electric	Perkins Eastman	BR+A RESPONSE: Panel DPH-S1EL05 is shown on drawing E-502. Refer to key in lower right corner for panel location. Panel H8A-B will be added to the schedule of panel boards in revision 5 dated 9/20/13. JAL & RB	06-Sep-13	17-Sep-13	19-Sep-13
068	E-502	On drawing E-502 Normal Schedule Sheets Panel L2B-A is shown as250Amp Panel board as well as in Distribution Broad DPL2B, but DPL2BDistribution board is 250A. Please clarify.	McPhee Electric	Perkins Eastman	BR+A RESPONSE: DPL2B will be revised to a 400A distribution panel in revision 5 dated 9/20/13. JAL & RB	06-Sep-13	17-Sep-13	19-Sep-13
069	E-280A	On drawing E-280A Electrical Power Room S8EL01 Panel L8A-C is shownbut not shown on Riser E-401 Normal Riser Diagram or E-502 ElectricalNormal Schedule Sheet #2. Please advise.	McPhee Electric	Perkins Eastman	BR+A RESPONSE: Panel L8A-C to be removed from electric room in revision 5 dated 9/20/13. JAL & RB	06-Sep-13	17-Sep-13	19-Sep-13
070	E-502	On drawing E-502 Electrical Normal Schedules #2 the DPL2-7A&B Voltageis shown as 277/480V they should be 120/208V as per drawing E-401Normal Riser Diagram E-401. Please advise.	McPhee Electric	Perkins Eastman	BR+A RESPONSE: Panels DPL2-7A & B will be revised to 120/208V in revision 5 dated 9/20/13. JAL & RB	06-Sep-13	17-Sep-13	19-Sep-13
071	E-501	On drawing E-501 Electrical Normal #1 existing Distribution Panel DPH-156new circuit breakers 150Amp 3P are required for Panel L-156-A and100Amp 3P for L-156-B correct?	McPhee Electric	Perkins Eastman	BR+A RESPONSE: THIS IS CORRECT. JAL & RB	06-Sep-13	17-Sep-13	19-Sep-13
072	E-503	On drawing E-503 Electrical Emergency Schedules Emergency GeneratorSwitchboard EGSBH-157 new circuit breakers 400Amp 3p are required forATS-EC and ATS-ECR. Is the 400Amp 3p new or existing??	McPhee Electric	Perkins Eastman	BR+A RESPONSE: THESE (2) 400AMP 3P CIRCUIT BREAKERS ARE NEW. JAL & RB	06-Sep-13	17-Sep-13	19-Sep-13
073	Switchboard	For Optional Stand-by Switchboard ESBH-157A is that a new circuitbreaker 150Amp 3P for Arrow Pharmacy Panel? Meaning, is the 150Amp3P new or existing? Please advise.	McPhee Electric	Perkins Eastman	BR+A RESPONSE: THE 150AMP 3P CIRCUIT BREAKER FEEDING THE ARROW PHARMACY PANEL IS NEW. JAL & RB	06-Sep-13	17-Sep-13	19-Sep-13
074	Switchboard	For Optional Switchboard ESBH-157-B is that a new circuit breaker100Amp 3P for Panel EH-157-A? Meaning is the 100Amp 3P new orexisting? Please advise	McPhee Electric	Perkins Eastman	BR+A RESPONSE: PANEL "EH-157-A" IS UTILIZING A SPARE 100AMP 3P CIRCUIT BREAKER PROVIDED UNDER SHELL & CORE. JAL & RB	06-Sep-13	17-Sep-13	19-Sep-13

University of Connecticut Health Center
 Ambulatory Care Center (ACC) Fit-Out
 UCHC Project No. 11-042
 Dimeo project no. 527-12

Revised thru: 9-19-13

Item No.	Reference	Trade Question	Submitted By	Responder	Response	Date Submitted	Date Responded	Date Published
075	E-402	On drawing E-402 Electrical Emergency Riser ATS-ECR is feeding Transformer T7, but on Drawing E-210C Level 01 Electrical power plan Emergency Electrical Room S1ELO3 Transformer T7 is not shown. Please clarify.	McPhee Electric	Perkins Eastman	BR+A RESPONSE: REFER TO NEW DRAWING E-602 ISSUED IN REVISION 3 DATED 09/09/13 FOR TRANSFORMER LOCATION. JAL & RB	06-Sep-13	17-Sep-13	19-Sep-13
076	E-402	On drawing E-402 Electrical Emergency Riser Arrow Pharmacy is fed from Transformer T5, but on Drawing E-210E Level 01 Electrical power plan Pharmacy location Transformer T5 is not shown. Please clarify.	McPhee Electric	Perkins Eastman	BR+A RESPONSE: LOCATION OF TRANSFORMER AND PANEL TO BE DETERMINED BY THE ARROW PHARMACY VENDOR. JAL & RB	06-Sep-13	17-Sep-13	19-Sep-13
077	26 50 10	Light Fixture Type R07D is shown on the Lighting drawings but not shown in Lighting Specification section 26 50 10. Please advise.	McPhee Electric	Perkins Eastman	BR+A RESPONSE: FIXTURE TYPE R07D IS THE SAME AS R07 BUT WITH A DIMMING BALLAST. THIS IS TYPICAL FOR ALL FIXTURES WITH "D" AT THE END OF THE DESIGNATION. JAL & RB	06-Sep-13	17-Sep-13	19-Sep-13
078	Extension	McPhee Electric Ltd is requesting a 2 week extension for this project. Please advise.	McPhee Electric	Dimeo	The Bid date has been extended to September 27, 2013 in Addendum #2. There will be no further bid extensions.	06-Sep-13	12-Sep-13	16-Sep-13
079	A120E	Please clarify the scope of work delineated by "Wood Grain" hatching at the perimeter south walls located @ column lines 1 through 4 as shown on drawings A-120E & A-120F. Please review and advise.	Legere Group	Perkins Eastman	THE WOOD GRAIN HATCH IS A WOOD VENEER TO MATCH THE COLUMN ENCLOSURES, WD-01. SEE ATTACHED SECTION DETAIL (ASK-004) AT THE BEAM PERPENDICULAR TO COLUMN LINE A FROM FROM COLUMN LINE 4-7. ANTHONY STARK PERKINS EASTMAN 09/16/13	10-Sep-13	17-Sep-13	19-Sep-13
080	Casework Hardware	The Olympus locks specified for the casework DO NOT come with the cores. Olympus stated that the "End User" typically supplies their own. Therefore the lock cores will not be included in the millwork. Please confirm that UCHC will furnish and install the cores for the casework.	Legere Group	Perkins Eastman	Per the spec provide cores compatible with the building keying system and coordinate keying with the owner. Per the 087100 Door hardware spec provide Medeco X4 cores. Anthony Stark Perkins Eastman 09/13/13	10-Sep-13	17-Sep-13	19-Sep-13
081	096623	The terrazzo specification, Section 09 66 23, Paragraph 3.02.B.1.b calls for the removal of 1/4" of the existing concrete substrate. Shot blasting typically removes much less material. The purpose for this is to create an adequate surface profile to promote a good bond between the Terrazzo and the slab. Is there a coating on the existing floor or some other reason why the spec is calling for 1/4" to be removed?	Depoali Mosaic	Perkins Eastman	Prep the new conc floor by the core and shell team by shot blasting to achieve a concrete surface profile (CSP) of 4. Anthony Stark Perkins Eastman 09/17/13	11-Sep-13	17-Sep-13	19-Sep-13
082	TP-01	Please clarify the Tack Panels as designated as TP-01 on the finish legend AI-109. Please advise.	Legere Group	Perkins Eastman	See Spec Section 064023 Interior Architectural Woodwork section 2.13 for definition of TP-01. TP-01 is applied at reception/intake/discharge desks wall panels as detailed on sheet 2/A640.	11-Sep-13	19-Sep-13	19-Sep-13
083	S1500	Public Concourse S1C01 and Waiting S1500 call for WD/C-01 wood ceilings and type 2 or 3 acoustical ceilings on the finish schedule but the reflected ceiling plans do not show where the different ceilings are located. Please provide a sketch showing the locations.	Central Conn Acoustics	Perkins Eastman	See Revision 3 Drawings for callouts of ceiling tile types.	11-Sep-13	19-Sep-13	19-Sep-13
084	3/A770	At reception S6104 and S6302 the gyp soffit is detail 3/A770 but the drawings show a linear light cove. Is detail 3/A770 the correct detail?	Central Conn Acoustics	Perkins Eastman	Detail 11/A770 is the correct Detail	11-Sep-13	19-Sep-13	19-Sep-13

University of Connecticut Health Center
 Ambulatory Care Center (ACC) Fit-Out
 UCHC Project No. 11-042
 Dimeo project no. 527-12

Revised thru: 9-19-13

Item No.	Reference	Trade Question	Submitted By	Responder	Response	Date Submitted	Date Responded	Date Published
085	Soffits in Reception	1) Could you please provide details for gyp soffits at reception areas 51504, 52102, 52303, 53103, 53304 and 54104. 2) At column lines A, B, A1, B1, and AO there is a gyp soffit at the exterior walls. Could you provide details for these soffits. 3) Could you provide a detail for the gyp soffit and acoustical ceilings at the Public Elev Lobbies.	H. Carr	Perkins Eastman	1. See detail 11/A770 2. See Revision 3 Drawings callouts for details 3 and 4 on sheet A771. 3. Elevator lobbies will be similar to detail 14/A770.	11-Sep-13	19-Sep-13	19-Sep-13
086	102226	Specification section 102226-Operable Panel Partitions and section 102239-Vertical Lift Partitions call for particular manufacturers (Modernfold and Skyfold). We have attached electronic brochures of the equivalent Hufcor products and have also provided a link to the Hufcor website below. We would like to know if Hufcor will be an acceptable product for this bid package. Is there a substitution form that would need to be completed? Please advise to all of the questions. http://www.hufcor.com/Summit_Vertical_Partition.shtml	Corbin Hufcor	Perkins Eastman	Yes the Hufcor products may be an acceptable substitution. Please submit the 016001 substitution request form provided in the specifications. Anthony Stark Perkins Eastman 09/16/13	11-Sep-13	18-Sep-13	19-Sep-13
087	Fire Protection	1. Please confirm that only upright sprinklers are to be provided at the retail pharmacy area. 2. Please confirm only threaded pipe is allowed on the preaction systems and grooved piping is not allowed. 3. Please provide the installed fire pump characteristics. 4. Please confirm no sprinkler protection is to be provided in Future Linac 2 (RM S1868). Please review and provide responses to all of the above questions.	Wolverine Fire Protection	Perkins Eastman	1) If a ceiling is not installed upright heads are required. If a ceiling is installed concealed heads are required. Confirm ceiling type with the architect. 2) Threaded piping only. 3) This request must be processed through Fusco/Clark. 4) Sprinkler protection for this space is required. BR+A: MJR 9/18/13 A ceiling will be installed by the tenant, concealed sprinklers will be required and will have to be coordinated with the tenant. A progress plan from the tenant is shown on the architectural construction plans. Anthony Stark Perkins Eastman 09/18/13	11-Sep-13	18-Nov-13	19-Sep-13
088	101400	Per the specs in Section 10 14 00 102.A calling for: 1. Panel signs. 2. Dimensional characters (letters and numbers) for exterior use. 3. Cast-metal plaques. 4. Signage accessories. 5. Parking garage signs. 6. Painting of numbers, lettering, accessibility symbols, and other graphics on pavement. Can you please clarify what signage is involved in this scope of work? Garage drawings are missing in the plans and specifications. For the bid scope, are there any signage shop drawings to reference as they are not shown on the plans? Please review and respond to the above question and provide any information requested.	Sign Pro	Perkins Eastman	Signage scope currently being redesigned and reviewed by the Owner. Please carry an allowance for the scope shown on the EG drawings that are based on the current campus standards. Garage and other exterior signage is not included in the Fit-Out Scope.	11-Sep-13	19-Sep-13	19-Sep-13

University of Connecticut Health Center
 Ambulatory Care Center (ACC) Fit-Out
 UCHC Project No. 11-042
 Dimeo project no. 527-12

Revised thru: 9-19-13

Item No.	Reference	Trade Question	Submitted By	Responder	Response	Date Submitted	Date Responded	Date Published
089	AI-109	RE: 1/16" grout joint on AI-109 for PTF-01 (12x24) and PTF-02 (6x36) cannot be provided. The manufacturers recommend a minimum 3mm (1/8") grout joint and the Tile Council of North America (TCNA) requires a minimum 3/16" grout joint for any tile with one side longer than 18" in a staggered pattern. Also TCNA recommends the offset in a staggered pattern be no more than 33% or lippage will occur. Please confirm the installation will comply with TCNA recommendations for grout joints as stated above and listed in 09 30 00 3.03 B.	Atlantic Masonry	Perkins Eastman	Provide a 3/16" grout joint in staggered pattern at 33%	11-Sep-13	19-Sep-13	19-Sep-13
090	093000	Clarify specific locations where 09 30 00 3.09 setting methods are used: A. Tile Installation FTI-1 - TCA F113 - Thin set to concrete B. Tile Installation FTI-2 - TCA F122 - Thin set to concrete with waterproof membrane C. Tile Installation FTI-2 - TCA F121 - Thick set (mortar bed requires depressed slab) with waterproofing All three above state under 1. "Tile Type: As Scheduled" which does not provide information as to where the method is used. On the project there is toilet room floor tile and corridor/lobby floor tile. Please determine which setting method is used in which location. Please review and advise on the questions above.	Atlantic Masonry	Perkins Eastman	Only A. FTI-1-TCA F113 - Thin set to concrete is required. We will not be using waterproof membrane.	11-Sep-13	19-Sep-13	19-Sep-13
091	093000	What Locations is STW-01 Required? 09 30 00 2.03 C. and AI-109 Lists STW-01 Stone wall tile. STW-01 is not listed anywhere on the finish schedule of finish plan. There appear to be a stone product on 5 & 6 / A-310 in three locations on the first floor area near SIL1 Public Elev. Lobby, but it is not designated as STW-01. Please confirm these are the only locations of STW-01 OR provide other locations if it is required elsewhere. Please advise.	Atlantic Masonry	Perkins Eastman	See Revision 3 Drawings STW-01 is called out on the finish plans on the first floor and in Elevation 5&6 on A-310. Anthony Stark Perkins Eastman 09/16/13	11-Sep-13	18-Sep-13	19-Sep-13
092	JCI	Will The electrical contractor carry the cost of JCI to program and integrate the fit out equipment with the currently being installed Core and Shell equipment being supplied by JCI, so as not to effect the systems warranty and the systems integrity. Please advise.	Johnson Controls	Perkins Eastman	The cost are part of the security package, the Fit-out equipment will integrate with the core and shell. The fit out equipment will be of the same manufacture, and carry its own warranty for equipment and JCI will warranty the installation per security specification: 28 00 00 Section 1.13 WARRANTY AND MAINTENANCE.	11-Sep-13	13-Sep-13	16-Sep-13
093	A770	Detail 12/A770 is typical detail for cubicle curtain track @ drywall. Please provide a typical detail for ACT locations. Please advise.	H. Carr	Perkins Eastman	Cubicle curtains shall be surface mounted to ceiling grid with spacers for regular tiles per manufacturer's standard details. Anthony Stark Perkins Eastman 09/12/13	11-Sep-13	18-Sep-13	19-Sep-13

University of Connecticut Health Center
 Ambulatory Care Center (ACC) Fit-Out
 UCHC Project No. 11-042
 Dimeo project no. 527-12

Revised thru: 9-19-13

Item No.	Reference	Trade Question	Submitted By	Responder	Response	Date Submitted	Date Responded	Date Published
094	A220E	Please clarify ceiling types at concourse S2C23 on A220E add #2 drawings they have been labeled in a couple locations as wood ceilings, but other locations are unlabeled. Finish legend notes ACT 2 & 3 only. Please confirm locations of wood ceilings are only as labeled. Please advise.	H. Carr	Perkins Eastman	See rev 3 drawings for labeled ceiling types other than ACT-01. Anthony Stark Perkins Eastman 09/12/13	11-Sep-13	18-Sep-13	19-Sep-13
095	A220G	Please provide act type for room S2C24 on A220G it is not labeled. The finish legend does not indicate this room number and the typical ceiling type is ACT 1 but the layout is for a ACT 2 ceiling type. Please advise.	H. Carr	Perkins Eastman	See rev 3 drawings for labeled ceiling types other than ACT-01. Anthony Stark Perkins Eastman 09/12/13	11-Sep-13	18-Sep-13	19-Sep-13
096	A240B	RM S4426 on finish legend is noted as act 1, on the revised rcp A240B there is a note of act 5, please confirm this should be ACT 5. Please advise.	H. Carr	Perkins Eastman	See rev 3 drawings for labeled ceiling types other than ACT-01. Anthony Stark Perkins Eastman 09/12/13	11-Sep-13	18-Sep-13	19-Sep-13
097	A270D	Conference room S7103 is noted as ACT 2, however the pattern on the rcp on A270D shows a layout for a ACT 1 ceiling, please confirm the ceiling type to be used at this location. Please advise.	H. Carr	Perkins Eastman	See rev 3 drawings for labeled ceiling types other than ACT-01. Anthony Stark Perkins Eastman 09/12/13	11-Sep-13	18-Sep-13	19-Sep-13
098	6/A770	At locations of act/act height differentials ie corridor S6C22 and S1844 the detail of 6/A770 is indicated this detail references a ceiling soffit of 6". Please confirm that the transition pieces are no greater than 6". If the height differential is greater than 6" what detail should be utilized? Please advise.	H. Carr	Perkins Eastman	There should not be any transition greater than 6" from corridor S6C22, there are doorways between rooms where a greater transition is required. At S1844 and S1854 please provide a Gyp Bd bulkhead flush with the lower ceiling similar to detail 4 /A-770. Anthony Stark Perkins Eastman 09/12/13	11-Sep-13	18-Sep-13	19-Sep-13
099	ACT trim	Please confirm that the acoustical ceiling contractor is responsible for all trim pieces between act & drywall. The specification section only references a 4" transition between act & drywall but details 7 & 8/A770 show a 6" transition. Also it appears that the 4" transition originally indicated in details on A771 have been eliminated in the addendum #2 drawings. Please confirm this 4" transition is no longer required. Please review and advise on the questions above.	H. Carr	Perkins Eastman	Details 7 and 8/A-770 do not indicate a specific height even though the detail title is 6" soffit. The basis of design product axiom trim by Armstrong comes in a variety of heights. There were never specific 4" transition details. Anthony Stark Perkins Eastman 09/12/13	11-Sep-13	18-Sep-13	19-Sep-13
100	093000	Please clarify if 09 30 00 2.08 Crack Isolation Membrane is required. All floor tile installation methods listed in 3.09 DO NOT call for crack isolation so we would not carry it in the bid. Crack Isolation would be provided insurance against tile cracking especially in the large lobby/corridor areas. The TCNA has two installation specs: TCNA F125 Partial - crack isolation at spider cracks and column lines, etc. TCNA F125 Full Crack Isolation under all tile areas Please confirm what is required?	Atlantic Masonry	Perkins Eastman	Provide TCNA F125 Full crack Isolation under all Porcelain Floor Tile and epoxy Terrazzo. Grout joint and staggered pattern at 33% at Porcelain Floor Tile is acceptable	11-Sep-13	19-Sep-13	19-Sep-13

University of Connecticut Health Center
 Ambulatory Care Center (ACC) Fit-Out
 UCHC Project No. 11-042
 Dimeo project no. 527-12

Revised thru: 9-19-13

Item No.	Reference	Trade Question	Submitted By	Responder	Response	Date Submitted	Date Responded	Date Published
101	P-001/P110D	Please confirm the shower are Acrylic Units by plumber Showers in S1R3 and S1R4 are specified 36"x36"x80" SH-1 one piece units per P001 and P-110D However, 09 30 002.09 and 3.09 D. call for floor tile shower products and installation Also, the PTF-01 floor tile in room is 12x24 and cannot be pitched to drains. Confirm that tile is not used in the showers on floors or walls.	Atlantic Masonry	Perkins Eastman	Showers are acrylic units by the plumber, no tiling is required inside the shower area. Anthony Stark Perkins Eastman 09/16/13	11-Sep-13	18-Sep-13	19-Sep-13
102	093000	Review Epoxy Grout Specified for wall tile Per 09 3000 3.10 Wall Tile Installation Methods - grout is selected as epoxy based. Note that wall tile specified is 3x6 self spaced tile with a 1/16" minus grout joint. Typically these tile are grouted with polymer modified UN SANDED grout as listed in 2.10G. Although epoxy grouts state they can go in as narrow a joint a 1/16", there is sand in the powder and the finished product is not as clean and smooth as un sanded grout. Also - there is substantial cost increase for using epoxy grout over latex grout with no real benefit for stain resistance when used at toilet room walls which are not subject to the abuse of floor tile.	Atlantic Masonry	Perkins Eastman	Provide 1/8" joint with polymer modified unsanded grout at the wall tile locations.	11-Sep-13	19-Sep-13	19-Sep-13
103	A601	On A601 the partition types - partition B0-3 notes that it is 2hr rated, but there is no UL test specified, B1-3 notes 2hr rating and a UL test. Are these both the same partition types or should B0-3 be a non rated partition? Also what about B0-6? Also there is a label for AO3L & BO3L, please advise what the L is representing. Please review and advise.	H. Carr	Perkins Eastman	The partition legend is incorrect. Per the legend on the construction plans the second letter stands for the rating, 0 for not rated, 1 for 1 hour and 2 for 2 hour rated partitions. The life safety plans and A-100 series construction plans denote walls that are rated with wall symbols per the legend. L represents walls that require 1/16" Lead faced GWB shielding at x-ray rooms. Anthony Stark Perkins Eastman 09/16/13	11-Sep-13	18-Sep-13	19-Sep-13
104	AI-109	Confirm layouts of PTF in Lobbies/Corridors AI-109 States "Pattern per Plans for PTF-01 The finish plans do not show a pattern. It appears the PTF-02 in the lobbies/corridors runs as show in the boxes. Please confirm layout for PTF-01 and PTF-02	H. Carr			11-Sep-13		
105	A605	Is the RF/ magnetic shielding going in the CT room? On A605 there are details for the perimeter at this room but the wall types are not labeled. We require additional information on the construction of these perimeter walls and the ceiling system. Please review and advise.	H. Carr	Perkins Eastman	RF Shielding is no longer required. Anthony Stark Perkins Eastman 09/16/13	11-Sep-13	18-Sep-13	19-Sep-13
106	283110	Please provide specific requirements generally outlined in the specifications 28-31 10-9, 1.12 A. Please advise.	McPhee Electric	Perkins Eastman	This RFI cannot be answered in its current form. Specification 283110 includes the contractor responsibilities. If there are questions or concerns with the language contained in the specifications, the contractor must provide specific questions and indicate which sections are of concern. BR+A: MJR 9/16/13	11-Sep-13	16-Sep-13	19-Sep-13

University of Connecticut Health Center
 Ambulatory Care Center (ACC) Fit-Out
 UCHC Project No. 11-042
 Dimeo project no. 527-12

Revised thru: 9-19-13

Item No.	Reference	Trade Question	Submitted By	Responder	Response	Date Submitted	Date Responded	Date Published
107	Fire Alarm	Please clarify that the fire alarm riser is correct vs. the specifications in relation to which devices are considered to be a Class A system. Please advise.	McPhee Electric	Perkins Eastman	Refer to specifications for circuits and pathways designations with clarification to the specifications as follows: The Class "X" reference is new (NFPA 72-2010) and is intended to describe pathways as described as Class "A", Style 7 (previously described NFPA 72- 2007). Provide Class "X" (a.k.a. Class A, Style 7) for all network wiring and audio risers, vertically-wired addressable loop SLC trunk wiring and provide Class "A" for Speaker Notification Appliance Circuits (NAC). BR+A / Kristie Keane 09/18/2013	11-Sep-13	18-Sep-13	19-Sep-13
108	TY-000	Refer to drawing TY-000 Equipment Symbol & Tag Definitions. The devicedetail refers to drawing SC-400 for Security Details. Please Clarify.	McPhee Electric	Perkins Eastman	Incorrect note on TY-000, the correct drawing to reference is TY-401.	11-Sep-13	13-Sep-12	16-Sep-13
109	TT-217	Please refer to drawing TT-217. Is the electrical contractor responsible for furnishing and installing the Cisco 6513 Switches? Please advise.	McPhee Electric	Perkins Eastman	The Cisco 6513 switches are shown for reference only. They shall be furnished and installed by UCHC. J. Banahan - SMW, 9/17/13	11-Sep-13	17-Sep-13	19-Sep-13
110	271126	Please refer to Specification section 27-11-26. No quantitative information is provided for the CDU's. Please clarify quantity of CDU-1's we are to furnish. Please review and advise.	McPhee Electric	Perkins Eastman	Provide eight (8) For the MDF and four (4) per IDF For a total of sixty-eight (68). J. Babahan -SMW, 9/17/13	11-Sep-13	17-Sep-13	19-Sep-13
111	M-002	Refer to drawing M-002. Cabinet Unit Heaters CUH-4-1 & CUH-4-2 are not shown on the floor plan drawings. Please confirm if they are required and their locations.	Johnson Controls	Perkins Eastman	FCU's not required...serving space(s) with air (VAV box w/re-heat coil). [DR, BR+A 09-16-2013]	11-Sep-13	16-Sep-13	19-Sep-13
112	M-109	Refer to drawing M-109. Please provide a BAS point schedule associated with Alternate M-1 in order to define the BAS scope of work. Please review and advise.	Johnson Controls	Perkins Eastman	Alternate M-1 is no longer required; please ignore reference. Will be removed from drawings in future revision.. [DR, BR+A 09-16-2013]	11-Sep-13	16-Sep-13	19-Sep-13
113	M-160A	Refer to drawing M-160A. The damper shown in the supply duct to Room S6235 is not labeled. Is this an automatic damper? If so, what is the sequence of operation for this damper? Please review and advise.	Johnson Controls	Perkins Eastman	Damper was intended to be a FSD, however upon re-checking life safety drawings the wall has a 1 hr rating & therefore no damper is required. Will remove it in an upcoming revision. [DR, BR+A 09-16-2016]	11-Sep-13	16-Sep-13	19-Sep-13
114	M-160B	Refer to drawing M-160B. The (2) dampers shown in the supply duct branches at next to Shaft #4 are not labeled. Are these automatic dampers? If so, what is the sequence of operation for these dampers? Please review and advise.	Johnson Controls	Perkins Eastman	Dampers are shown "in function" incorrectly; they are being furnished by shell & core project. Do not include for fitout. Will revise drawings in future revision to indicate properly. [DR, BR+A 09-16-2016]	11-Sep-13	16-Sep-13	19-Sep-13
115	M-160B	Refer to drawing M-160B. The damper shown in the main supply duct next to Room S6629 is not labeled. Is this an automatic damper? If so, what is the sequence of operation for this damper? Please advise.	Johnson Controls	Perkins Eastman	DAMPER NOT REQUIRED IN THAT LOCATION; WILL BE DELETED IN A FUTURE REVISION. [DR, BR+A 09-16-2013]	11-Sep-13	16-Sep-13	19-Sep-13

University of Connecticut Health Center
 Ambulatory Care Center (ACC) Fit-Out
 UCHC Project No. 11-042
 Dimeo project no. 527-12

Revised thru: 9-19-13

Item No.	Reference	Trade Question	Submitted By	Responder	Response	Date Submitted	Date Responded	Date Published
116	M-180B & M-180C	Drawings M-180B & M-180C show a total quantity of (18) Room Pressure Monitors & Visual Indicators associated with the IVF Suite area but Drawing M-505 shows a total quantity of (11). Please confirm the quantity of Room Pressure Monitors & Visual Indicators required for this area. Please advise.	Johnson Controls	Perkins Eastman	18 is the correct number. [DR, BR+A 09-16-2013]	11-Sep-13	18-Sep-13	19-Sep-13
117	A150E/A411	Floor plan A150E sends us to A411 for the detail of the food areas but on A411 there is nothing called out. It is just a duplicate of the floor plan so I am not sure of what use this is. Please advise.	H. Carr	Perkins Eastman	More details to be provided in upcoming Revision 5 drawings on 9/20/13. Perkins Eastman 09/16/13 Anthony Stark	12-Sep-13	18-Sep-13	19-Sep-13
118	A-633	On drawing A633 - Window Schedule: Glass types G1-G6 do not match that in spec's and finish schedule. Do we use what is shown on the schedule on A633? Please advise.	Acorn Glass	Perkins Eastman	Will be answered in Rev. 6 dated 09-25-13	12-Sep-13		19-Sep-13
119	A-633	Drawing A633 - Level 3 and level 8 calls out for sliding aluminum windows. There are no specifications for these windows. Please provide specifications. Level 8 shows a type W4 as a 1 Hr (not in aluminum). Please verify. Also on level 8, window type W1 - Hollow Metal Frame Sliding Window is this to be a hollow metal with a pass thru slider in it? Please verify. Please review all of the items above and advise on all of them.	Acorn Glass	Perkins Eastman	Will be answered in Rev. 6 dated 09-25-13	12-Sep-13		19-Sep-13
120	Door Schedule	Door Schedule - ICU & CCU door units call for Aluminum w/ Glass. Schedule calls for Wood Veneer. It also shows for toilet room. Please review and advise. The manufacturer specified do not furnish wood veneer doors. Do we only pick up the doors with hardware set #33? Hardware set #33 is the only one for sliding door units. Please review and advise on the items above.	Acorn Glass	Perkins Eastman	Will be answered in Rev. 6 dated 09-25-13	12-Sep-13		19-Sep-13
121	088000	Division 088000 page 6 glass 'A' is by McGroary Glass 1/4" and 1/2" etched 2 sides and 'B' is by G.G.I. 'Alice' 1/4" and 1/2". Do we assume that this is glass type 1 and 2 because 'C' calls out glass type 3. If so, types 1 and 2 do not match glass types on finish schedule dwg A1.109. Please review and advise.	Acorn Glass	Perkins Eastman	Will be answered in Rev. 6 dated 09-25-13	12-Sep-13		19-Sep-13
122	M-140B, M-180B, M-180C	Please identify who is responsible for furnishing and installing the ADI Visual Airflow/Pressure Indicators (Ball-In-Tube devices) as shown on drawings M-140B, M-180B & M-180C. Please advise.	Johnson Controls	Perkins Eastman	ADI Visual Indicators are by HVAC per 239000. Coordinate locations & installation with GC.	12-Sep-13	12-Sep-13	16-Sep-13
123	Floor Box Symbols	Please provide a specifications for the floor box symbols as shown on the Electrical and Telecommunications drawings.	McPhee Electric	Perkins Eastman	Floor box symbols shall be Wiremold RC3 series poke thru device or approved equal.	12-Sep-13	19-Sep-13	19-Sep-13

University of Connecticut Health Center
 Ambulatory Care Center (ACC) Fit-Out
 UCHC Project No. 11-042
 Dimeo project no. 527-12

Revised thru: 9-19-13

Item No.	Reference	Trade Question	Submitted By	Responder	Response	Date Submitted	Date Responded	Date Published
124	A310	Elevation 16/dwg A310 - Level 01 Area 1D does not call out any material or glass types, section cuts, etc. Please verify if it is just the transom area that is glass and is 1/4" clear tempered. Please advise.	Acorn Glass	Perkins Eastman	Glass wall detail to be similar to details 4/A-643. Solid veneer panel to be placed over glass doors. Glazing in wood frame to be GL-05. Anthony Stark Perkins Eastman 09/16/13	13-Sep-13	18-Sep-13	19-Sep-13
125	Door Schedule	Aluminum doors on door schedule shows frames to be hollow metal. Please verify if this is correct or they have aluminum frames. Please advise.	Acorn Glass	Perkins Eastman	Aluminum doors will have aluminum frames see upcoming Revision 5 9/20/13 for more information Anthony Stark Perkins Eastman 09/17/13	13-Sep-13	17-Sep-13	19-Sep-13
126	Door Schedule	Glass doors with missing information. RE drawing 630-632: Level 2 S8C144; S8C145; S82334; S8233.5 Level 3 S3C24.1; S3C24.2; S3C24.3; S3100.3; S8233.9 Level 4 S4100.4; S4100.5; S4300.1; S4300.2; S4300.3 Level 6 S600.2; S600.4; S4300.4; S6300.1 Level 8 S6300.4; S6300.5 Please review and advise on the above information.	Acorn Glass	Perkins Eastman	see upcoming Revision 5 on 09/20/13 for revised door schedule and information.	13-Sep-13	17-Sep-13	19-Sep-13
127	Door Ratings	Aluminum Door Ratings - Level 8 Aluminum Doors S8C14.1 & S8C14.2 show 45 minute fire rating. Need specifications, manufacturer, etc. Fire rated doors have its own hardware. Please provide.	Acorn Glass	Perkins Eastman	Will be answered in Rev. 6 dated 09-25-13	13-Sep-13		
128	Glass Types	Drawing A630 Doors S3301.1; S3301.2 glass type is needed. Drawing A631 Doors S7C18; S7103.2 need size and glass type. Drawing A632 Doors S8524; S8625.1; S8625.2 need glass type Please review and advise on all the above questions.	Acorn Glass	Perkins Eastman	see upcoming Revision 5 on 09/20/13 for revised door schedule and information.	13-Sep-13	17-Sep-13	19-Sep-13
129	Fume Hoods	Who is responsible for furnishing and installing any and all fume hoods. There are no specifications regarding the hoods if they are to be part of this contract scope. Please advise.	Dimeo	Perkins Eastman	Please refer to the Architecturally significant Medical equipment book. The fume hood and exhausted Bio Safety Cabinets will be provided by the owner and installed by the contractor. Anthony Stark Perkins Eastman 09/17/13	13-Sep-13	17-Sep-13	19-Sep-13
130	Millwork	Area 1 B S1640 Work Room; S1640 Work Room Closet: There are no details. What are we to carry? S1626 CT Sim: 9/A311 - Do we carry the tall storage cabinets? Area 1 D S1200 Optical Shop: There are no details. What are we to carry? S1201 Contacts: North Elevation. There are no details. What are we to carry? Corridor: (2) Columns @ columns 9 & 10 - are they wood? Area 1 E S1501 Large Conference Room: North Elevation. There are no details. What are we to carry? Area 1 F S1820 Diet Alcove: Should we carry similar to 20/A351 Area 1 G S1841 Dr; S1843 HC Dr; S1850; S1852: Should we carry p-lambench, w/ drawer under? Please review and advise on all the questions above.	The Woodworks	Perkins Eastman	See upcoming Revision 5 on 09/20/13 for revised and updated information. Anthony Stark Perkins Eastman 09/17/13	13-Sep-13	17-Sep-13	19-Sep-13

University of Connecticut Health Center
 Ambulatory Care Center (ACC) Fit-Out
 UCHC Project No. 11-042
 Dimeo project no. 527-12

Revised thru: 9-19-13

Item No.	Reference	Trade Question	Submitted By	Responder	Response	Date Submitted	Date Responded	Date Published
131	Millwork	Area 2 A S2607 Meds (outside room): There are no details. What are we to carry? S2617 Staff Lounge: North Elevation - What do we carry? Area 2 D S2102 Reception: 10/A320 - is it just a counter and what is the material type?	The Woodworks	Perkins Eastman	See upcoming Revision 5 on 09/20/13 for revised and updated information. Anthony Stark Perkins Eastman 09/17/13	13-Sep-13	17-Sep-13	19-Sep-13
132	Millwork	Area 3 A S3611 N/S Team Chart/Precept: There are no details. What are we to carry? Area 3 B S3281 Gen Rad; S3280 Gen Rad: There are no details. What are we to carry? S3272 Dress; S3273 Dress; S3274 Dress; S3275 HC Dress: Should we carry p-lam bench w/ drawer under? S3629 PT/LT Clinical Staff Work; S3631 Staff Toilet: There are no details. What are we to carry? Area 3 C S3518 N EEG Monitor: There are no details. What are we to carry? S3537 Urodynamics 48/A331 - Should we carry a tall cabinet? Area 3 D S3103 Reception: Casework at shaft 2 - there are no details Area 3 E PT/LT Sch: South Elevation - there are no details. What are we to carry? Please review all of the questions and advise.	The Woodworks	Perkins Eastman	See upcoming Revision 5 on 09/20/13 for revised and updated information. Anthony Stark Perkins Eastman 09/17/13	13-Sep-13	17-Sep-13	19-Sep-13
133	Millwork	Area 4 A S4623 Processing: There are no details. What are we to carry? Area 4 B S4400 Pod 4 Clinical Teams: There are no details. What are we to carry? S4426 Laboratory Medicine: No Millwork S4440 Meds Rooms: 24/A341 West Elevation - No details. What are we to carry? Area 4 C S4528 Family Room: There are no details. What are we to carry? Area 4 D S4103 Work Room: There are no details. What are we to carry? S4100 Waiting: East Elevation - There are no details. What are we to carry? S4110 Schedulers - Should we carry scheduler counter, skirt, pedestal? What is the material? Area 4 E S4313 N/S Team: West Elevation - sink @ small niche. There are no details. What are we to carry? Area 4 F S4313 N/S Team: East Elevation - sink @ small niche. There are no details. What are we to carry? S4510 N/S Team: South Elevation: There are no details. What are we to carry? Please review all the questions above and advise.	The Woodworks	Perkins Eastman	See upcoming Revision 5 on 09/20/13 for revised and updated information. Anthony Stark Perkins Eastman 09/17/13	13-Sep-13	17-Sep-13	19-Sep-13

University of Connecticut Health Center
 Ambulatory Care Center (ACC) Fit-Out
 UCHC Project No. 11-042
 Dimeo project no. 527-12

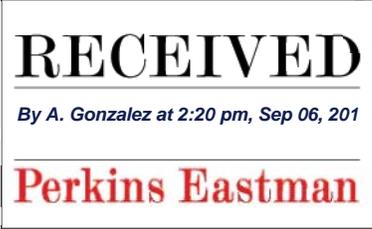
Revised thru: 9-19-13

Item No.	Reference	Trade Question	Submitted By	Responder	Response	Date Submitted	Date Responded	Date Published
134	Millwork	Area 5 A S5259 MD Touch Dn: There are no details. What are we to carry Area 5 B S5301 Pre-Test: S5624 Pre-Test; S5424 GVF: Center item. There are no details S5630 Sched: There are no details. What are we to carry? S5422 Fundus Camera: There are no details. What are we to carry? S5438 Dict/Meds: There are no details. What are we to carry? Area 5 D S5255 Reception (Scheduler): Should we carry the scheduler counter, skirt, and pedestal? What is the material? Please review the questions above and advise.	The Woodworks	Perkins Eastman	See upcoming Revision 5 on 09/20/13 for revised and updated information. Anthony Stark Perkins Eastman 09/17/13	13-Sep-13	17-Sep-13	19-Sep-13
135	Millwork	Area 6 A all areas: Conso items supplied by others S6222 Photo Room: P-lam or solid surface countertop Area 6 C S6633 Speech Work & OBS: There are no details. What are we to carry? Area 6 D S6103 Mail and Copy: 1/A361 - just to the right of it. there are no details Area 6 E S6303 Work Room: There are no details. What are we to carry? Area 6 F S6444 Allergy Med Room; South Elevation - There are no details. What are we to carry? S6513 Ex Aud Booth; S6511 Pat Aud Booth; S6509 Pat Aud Booth; S6507 Ex Aud Booth: There are no details. What are we to carry? Please review all of the questions and advise.	The Woodworks	Perkins Eastman	See upcoming Revision 5 on 09/20/13 for revised and updated information.	13-Sep-13	19-Sep-13	19-Sep-13
136	Millwork	Area 7 E S7272 Staff Lounge: There are no details. What are we to carry? Area 8 B S8218 PACU: South Elevation - Niche between S8219 & S8217. There are no details. What are we to carry? S8218 PACU: North & West Elevation - - sink @ small niche. There are no details. What are we to carry? S8215 Meds; S8628 Storage; S8403 Cryo Room; S8400 IVF Lab; S8401 Culture Room: There are no details. What are we to carry? Area 8 C S8475 Andrology/Endocrine: West Elevation - There are no details. What are we to carry? Area 8 E S8303 Reception: There are no details. What are we to carry? Area 8 F S8482 Phlebotomy; S8472 Corridor; S8484 N/S Touch Down: There are no details. What are we to carry? All Areas: Schedulers Area - is divider walls a millwork item like 2/A640 or sheetrock w/ stainless steel end caps? Please review all of the questions and advise.	The Woodworks	Perkins Eastman	See upcoming Revision 5 on 09/20/13 for revised and updated information. Anthony Stark Perkins Eastman 09/17/13	13-Sep-13	17-Sep-13	19-Sep-13



REQUEST FOR INFORMATION

No. 00006



TITLE: Drawing A370

DATE: 9/4/2013

PROJECT: UCHC Ambulatory Care Center Fit Out

JOB: 527-12

TO: Attn: Anthony J Stark

Perkins Eastman

422 Summer Street

Stamford, CT 06901

Phone: 203-251-7469 Fax: 203-251-7474

COST IMPACT: Yes No

SCHEDULE IMPACT: Yes No

REQUIRED: 9/9/2013

REQUEST:

Please provide wall types and cut-through for walls shown on A370.

PROPOSED SOLUTION:

Requested By: Dimeo Construction Company

Date: _____

Signed: _____
James Bendokas

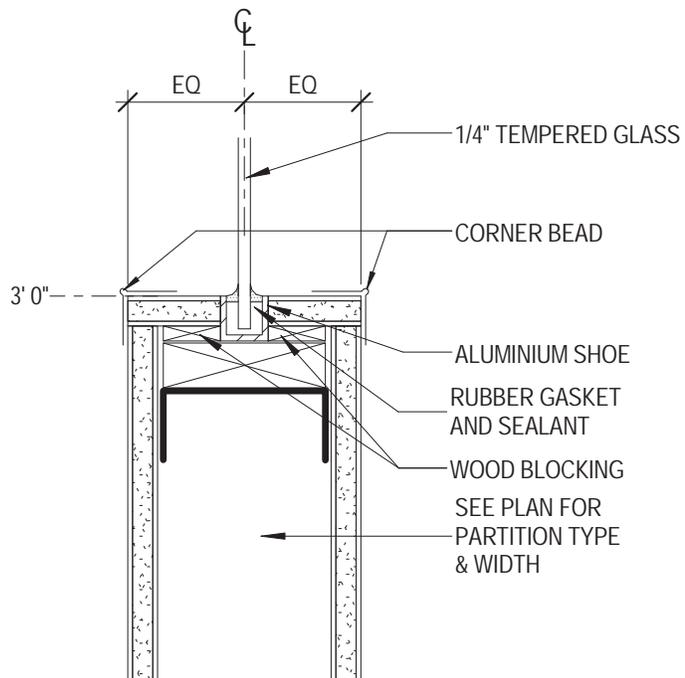
ANSWER:

See ASK-001 attached for sill detail at half height glass wall.
See 5/A-643 for full height glass wall details. Walls are tagged as A0-3 on the plans.
Anthony Stark
Perkins Eastman
09/13/13

Answered By: Perkins Eastman

Signed: _____

Date: _____



Perkins Eastman

422 SUMMER STREET
 STAMFORD, CT 06901
 T. 203.251.7400
 F. 203.251.7474

PROJECT: UCHC ACC FIT-OUT

DRAWING TITLE: 36 IN SILL DETAIL AT GLASS WALL

DATE: September 12, 2013

PROJECT NO. 52230.00

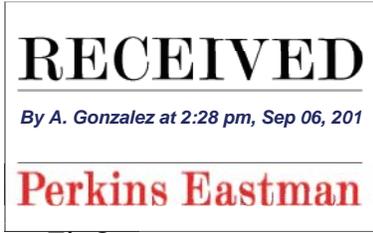
SCALE: 3" = 1'-0"

DWG. NO.: ASK-001



REQUEST FOR INFORMATION

No. 00009



TITLE: Window Shades Information

DATE: 9/4/2013

PROJECT: UCHC Ambulatory Care Center Fit Out

JOB: 527-12

TO: Attn: Anthony J Stark

Perkins Eastman

422 Summer Street

Stamford, CT 06901

Phone: 203-251-7469 Fax: 203-251-7474

COST IMPACT: Yes No

SCHEDULE IMPACT: Yes No

REQUIRED: 9/9/2013

REQUEST:

There are no window shades shown on the Architectural, RCP's, Equipment Plans or the Finish Plans/Schedules. The types are called out on the Finish Material Legend however the types don't match the specs. For instance, the spec only refers to "Microprocessor-controlled raising and lowering of shades based on time of day, location and pre-set activities. Reference to diagrams immediately following this section". There are no diagrams provided and the finish material legend references motorized and manual shades. Please advise.

The electrical plans also don't show any wiring to the shades if there are motorized shades. Please advise.

Since there are no shades shown how are we going to indicate what blocking is required for the shades and at what locations? Please advise.

PROPOSED SOLUTION:

Requested By: Dimeo Construction Company

Date: _____

Signed: _____
James Bendokas

ANSWER:

Please see attached schedule indicating locations and types of shades for the project.

The wiring for the motorized shades is shown on E-220E and E-220F.

Anthony Stark
Perkins Eastman
09/16/09

Answered By: Perkins Eastman

Signed: _____

Date: _____

UHC ACC INTERIOR FIT-OUT WINDOW SHADE SCHEDULE

WS-01	WS-02	WS-03	WS-04	WS-05
TYPICAL EXTERIOR WINDOWS	EXTERIOR WINDOWS	MOTORIZED WINDOW SHADES	EXTERIOR WINDOWS DUAL SHADE	INTERIOR WINDOW
5% Shade Cloth (Manual)	Blackout Shade Cloth Only (Manual)	5% Shade Cloth Only (Motorized)	5% Shade Cloth and Blackout Shade Cloth (manual)	Blackout Shade Cloth (manual) with pocket accessory

Perimeter Windows	All perimeter rooms not noted below				
-------------------	-------------------------------------	--	--	--	--

Lobby Double-ht Space			S2C23 from Column Line 4 to 7		
-----------------------	--	--	-------------------------------	--	--

LEVEL 01					S1609
					S1613
					S1615
					S1617
					S1619
					S1621

LEVEL 02				S2010	S2010
				S2030	S2030

LEVEL 03				S3537	S3537
				S3531	S3531

LEVEL 04					S4530
					S4532

LEVEL 05				S5619	
				S5621	
				S5625	
				S5627	
				S5629	
				S5631	
				S5633	
				S5635	
				S5637	
				S5639	
				S5641	

				S5441	
--	--	--	--	-------	--

LEVEL 06		S6633		S6301	S6301
		S6635			

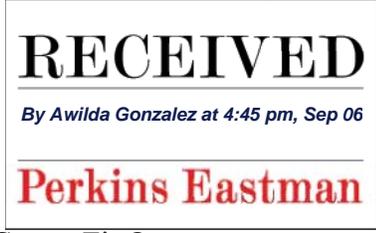
LEVEL 07				S7103	
				S7320	

LEVEL 08		S8511		S8102	
		S8513		S8121A	
		S8517			
		S8488			



REQUEST FOR INFORMATION

No. 00021



TITLE: Drawing TY-302

DATE: 9/4/2013

PROJECT: UCHC Ambulatory Care Center Fit Out

JOB: 527-12

TO: Attn: Anthony J Stark

Perkins Eastman

422 Summer Street

Stamford, CT 06901

Phone: 203-251-7469 Fax: 203-251-7474

COST IMPACT: Yes No

SCHEDULE IMPACT: Yes No

REQUIRED: 9/9/2013

REQUEST:

Drawing TY-302 (Security) indicates that the Telecom Trade contractor runs the cabling for the CCTV cameras. Has this work been coordinated with the other Engineering Trades? While comparing the drawings to the Design Development Set, this drawing is missing in the CD set.

Drawing TY-303 the print is almost unreadable on the Design Development Set, and while comparing the drawings to the Design Development Set, this drawing is also missing in the CD set.

Please provide the missing drawings.

PROPOSED SOLUTION:

Requested By: Dimeo Construction Company

Date: _____

Signed: _____

James Bendokas

ANSWER:

Shen Milsom & Wilke
September 13, 2013

All cabling for CCTV cable runs will be installed by the security contractor. Drawings TY-302, 304 have been revised since the DD set.

All security riser drawings TY-301, 302, 303 & 304 have been issued in every phase DD & CD, all issues prior to 100% CD are no longer relevant and only the most current set of drawing are to be referenced. Updated drawings have been reprinted and legible and attached to this RFI response.

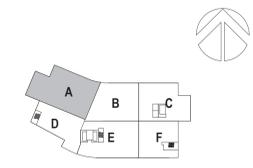
Steven Sorrenti

Answered By: Perkins Eastman

Signed: _____

Date: _____

NO.	DATE	ISSUE
1	3/15/2013	50% DD Owner Review
2	08/02/2013	75% Construction Documents
3	08/23/2013	100% Construction Documents



KEY PLAN

SEAL

Perkins Eastman

422 SLAMMER STREET
STAMFORD, CT 06901
T 203.251.7400
F 203.251.7474



Owner:
UNIVERSITY OF CONNECTICUT HEALTH CENTER
FARMINGTON, CT

MEP/FP:
BR+A
311 ARSENAL STREET
WATERTOWN, MA 02472
617.254.0016

Structural:
JOHN SMOLEN ASSOCIATES
50 DEVINE STREET, UNIT A,
NORTH HAVEN, CT 06473-2203
203.248.2000

Medical Equipment:
GENE BURTON & ASSOCIATES
1893 GENERAL GEORGE PATTON
DR. FRANKLIN, TN 37067
615.376.3100

IT, Security, AV & Acoustics:
SHEN MILSON & WILKE
417 FIFTH AVENUE
NEW YORK, NY 10016
212.725.6800

LEED Consultant:
STEVEN WINTERS ASSOCIATES
61 WASHINGTON ST
NORWALK, CT 06854
203.857.0200

Landscape Architect:
RGR LANDSCAPE
115 FIFTH AVENUE, 3RD FLOOR
NEW YORK, NY 1003
212.353.7373

Signage Consultant:
RUSSELL DESIGN
115 FIFTH AVENUE, 3RD FLOOR
NEW YORK, NY 1003
646.225.6260

PROJECT TITLE:

UCHC ACC FIT-OUT

FARMINGTON, CT

PROJECT No: CT12070

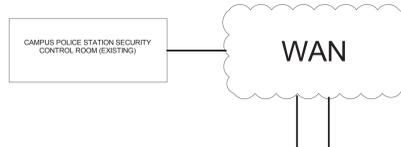
DRAWING TITLE:

SECURITY INFRASTRUCTURE RISER

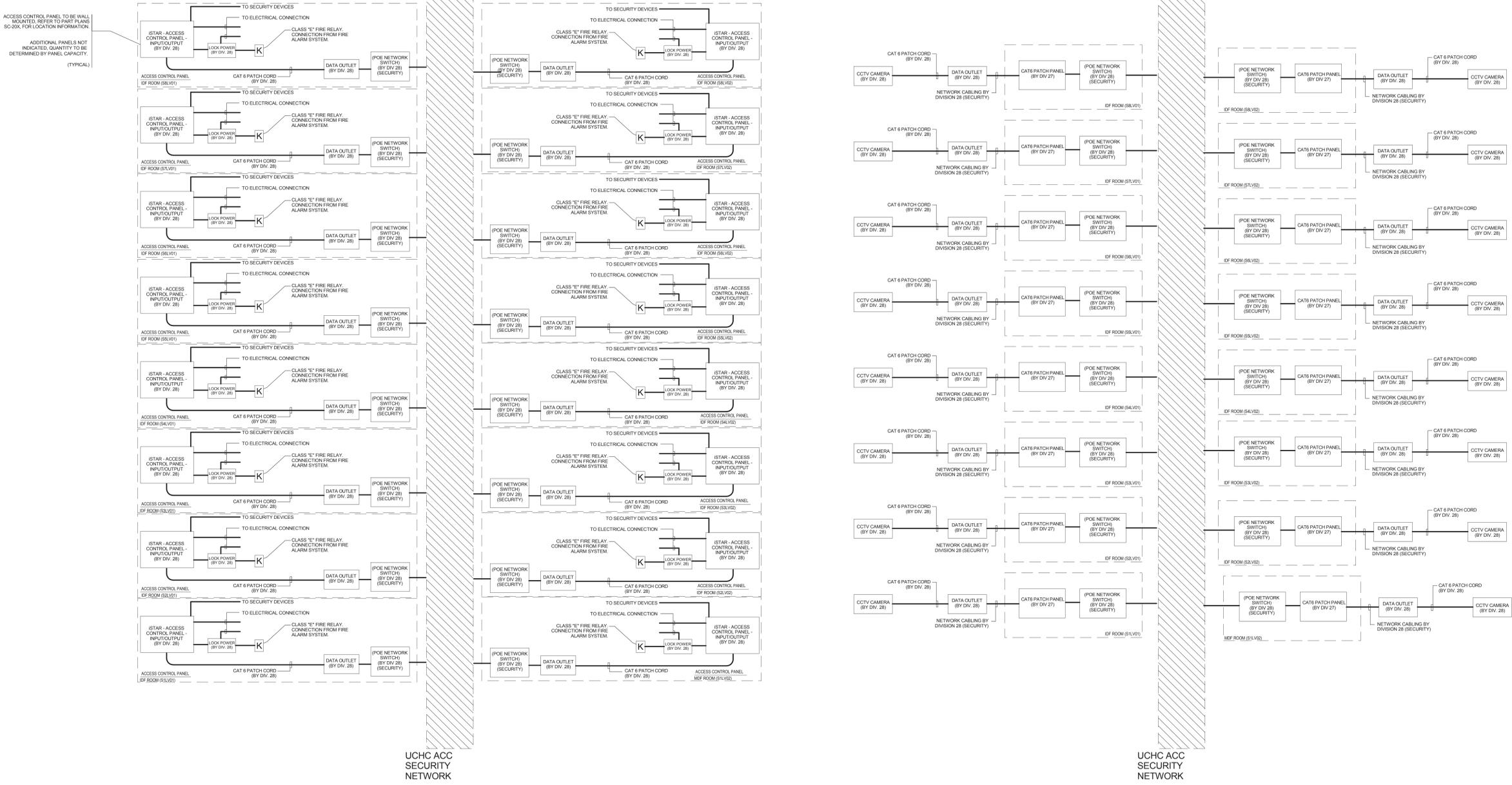
SCALE: 1" = 10'-0"

TY-302

100% CONSTRUCTION DOCUMENTS
August 23, 2013



ACCESS CONTROL PANEL TO BE WALL MOUNTED. REFER TO PART PLANS SC-20X FOR LOCATION INFORMATION.
ADDITIONAL PANELS NOT INDICATED. QUANTITY TO BE DETERMINED BY PANEL CAPACITY.
(TYPICAL)



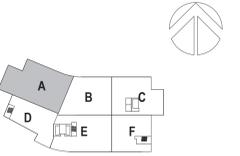
GENERAL NOTE:
1. THIS BUILDING WILL BE AN EXTENSION TO THE CURRENT CAMPUS ELECTRONIC SECURITY SYSTEM WHICH IS CONTROLLED AND MONITORED FROM THE EXISTING CAMPUS POLICE STATION SECURITY CONTROL ROOM.
2. ALL HEAD END EQUIPMENT IS LOCATED AT THE CENTRAL CONTROL ROOM. THE CONTRACTOR SHALL CONFIRM WITH CAMPUS SECURITY THE CURRENT SOFTWARE VERSION INSTALLED AND MAKE SURE ALL NEW EQUIPMENT IS COMPATIBLE. SUFFICIENT SPACE IS AVAILABLE FOR VIDEO RECORDING AND STORAGE PRIOR TO INSTALLATION.
3. CURRENT SOFTWARE VERSIONS
- SOFTWARE HOUSE C-CURE 800/8000 VER. 10.2
- AMERICAN DYNAMICS VICTOR CLIENT 4.1

2 SECURITY ACCESS CONTROL PANEL RISER DIAGRAM
SCALE: NTS

1 SECURITY CCTV RISER DIAGRAM
SCALE: NTS

9/13/2013 11:36:29 AM

NO.	DATE	ISSUE
1	3/15/2013	50% DD Owner Review
2	08/02/2013	75% Construction Documents
3	08/23/2013	100% Construction Documents



KEY PLAN

SEAL

Perkins Eastman

422 SLAMMER STREET
STAMFORD, CT 06901
T. 203.251.7400
F. 203.251.7474



Owner:
**UNIVERSITY OF CONNECTICUT
HEALTH CENTER**
FARMINGTON, CT

MEP/FP:
BR+A
311 ARSENAL STREET
WATERTOWN, MA 02472
617.254.0016

Structural:
JOHN SMOLEN ASSOCIATES
50 DEVINE STREET, UNIT A,
NORTH HAVEN, CT 06473-2203
203.248.2000

Medical Equipment:
GENE BURTON & ASSOCIATES
1893 GENERAL GEORGE PATTON
DR. FRANKLIN, TN 37067
615.376.3100

IT, Security, AV & Acoustics:
SHEN MILSOM & WILKE
417 FIFTH AVENUE
NEW YORK, NY 10016
212.725.6800

LEED Consultant:
STEVEN WINTERS ASSOCIATES
61 WASHINGTON ST
NORWALK, CT 06854
203.857.0200

Landscape Architect:
RGR LANDSCAPE
115 FIFTH AVENUE, 3RD FLOOR
NEW YORK, NY 1003
212.353.7373

Signage Consultant:
RUSSELL DESIGN
115 FIFTH AVENUE, 3RD FLOOR
NEW YORK, NY 1003
646.225.6260

PROJECT TITLE:
UCHC ACC FIT-OUT

FARMINGTON, CT

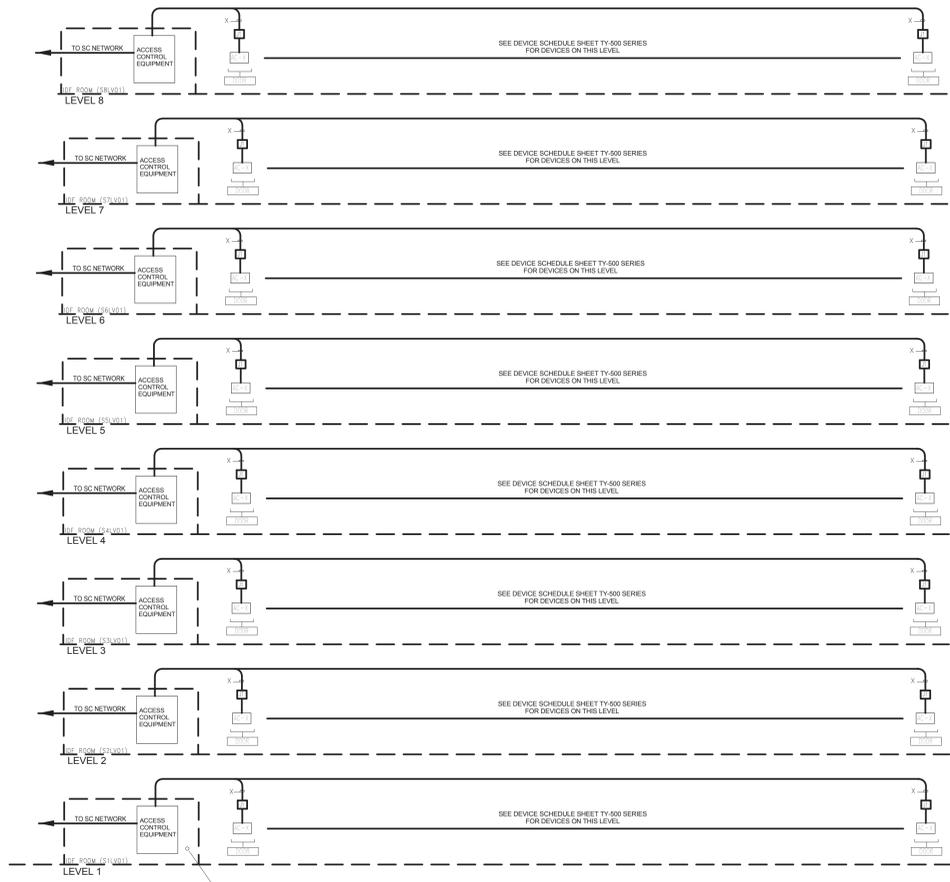
PROJECT No: CT12070

DRAWING TITLE:
**SECURITY DEVICE
RISER**

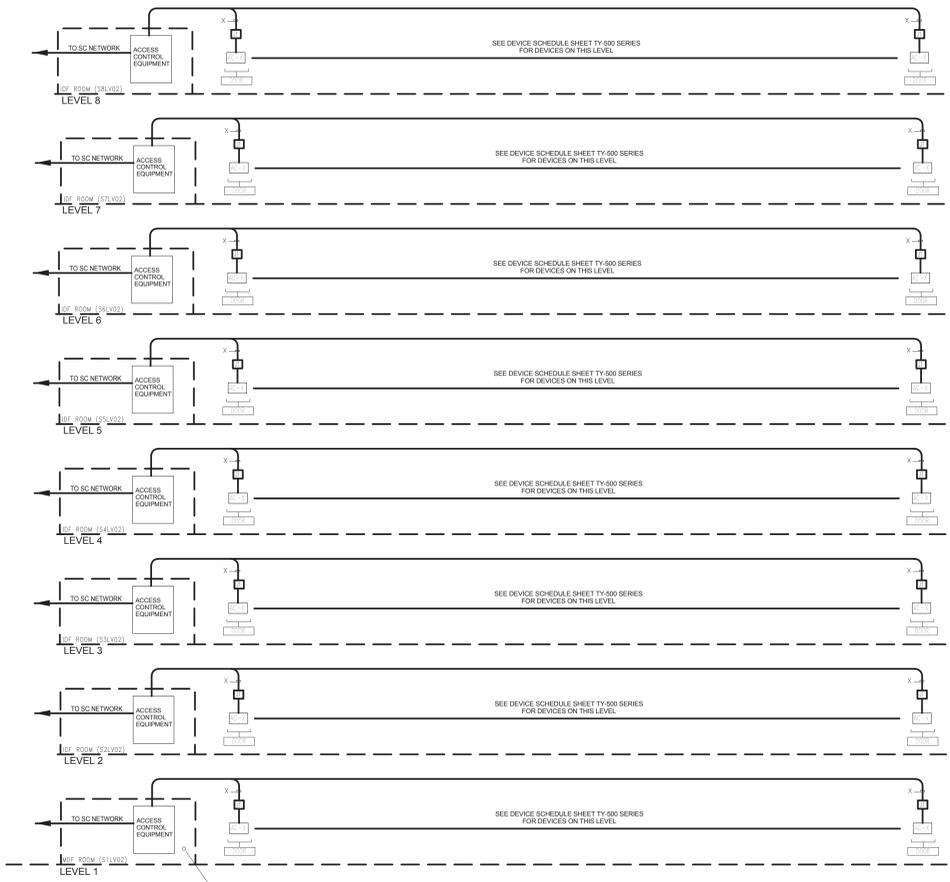
SCALE: 1" = 10'-0"

TY-303

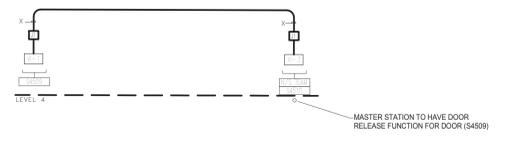
100% CONSTRUCTION DOCUMENTS
August 23, 2013



1 SECURITY ACCESS CONTROL DEVICE DIAGRAM - ZONE A
SCALE: NTS



2 SECURITY ACCESS CONTROL DEVICE DIAGRAM - ZONE B
SCALE: NTS



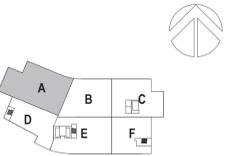
3 INTERCOM DEVICE DIAGRAM - ZONE B
SCALE: NTS

CABLE TYPES	
CABLE DESCRIPTION	PART NUMBER
A 2 COND 18 AWG STRD/TWST	WEST PENN #K2524
B 2 PRD18 AWG STRD/TWST	WEST PENN #K2449
C 2 PRD24 AWG STRD/TWST SHLD WDRN	MANHATTAN #M3395
D 4 COND 18 AWG STRD/TWST SHLD WDRN	WEST PENN #K23188
E 2 PRD18 AWG STRD/TWST SHLD WDRN	BELDEN #B9182
F 2 COND 18 AWG STRD/TWST	WEST PENN #K2525
G 18-36 COAX	WEST PENN #K2515
H CATEGORY 6 LAN CABLE	WEST PENN #K24245
I 4 COND 18 AWG STRD/TWST SHLD WDRN	WEST PENN #K2440
J 2 PRD18 AWG STRD/TWST SHLD WDRN	WEST PENN #K25510
K (CABLE PROVIDED WITH SYSTEMS)	APFONE #B7182459C
L 4 COND 18 AWG PARALLEL MID-CAP	WEST PENN #K2521
M 2 COND 22 AWG STRD/TWST	WEST PENN #K2466
N 4 COND 14 AWG STRD/TWST	WEST PENN #K2466
T 6 PR 18 AWG NEW PAIR SHIELDED	BELDEN #B65
U 6 PR UTP UNSHIELDED	BELDEN #B65
V 162 STRND TINNED COPPER CONDUCTORS OVERALL SHLD WITH AN OVERALL JACKET	WEST PENN #K25264
X 4 INDIVIDUALLY JACKETED CABLES W/OVERALL PLENUM JACKET COMPOSITE CABLE	BELDEN #B6384FS
Y1 1 PR 18 AWG STRD/TWST SHLD	
Y2 3 PR 18 AWG STRD/TWST SHLD WDRN	
Y3 2 PR 18 AWG STRD/TWST SHLD WDRN	
Y4 2 PR 18 AWG STRD/TWST SHLD	
Z CABLES PER MANUFACTURERS SPECIFICATION - AIRPHONE	
CONDUCTOR	TWST - TWISTED
PR - PAIR	SHLD - SHIELDED
STRD - STRANDED	AWG - WIRE GAUGE

NOTE:
1 REFER TO FLOOR PLAN DRAWINGS AND DEVICE SCHEDULE FOR EXACT DEVICE QUANTITY. DEVICES SHOWN HERE ARE FOR SCHEMATIC PURPOSE ONLY.
2 REFER TO TELECOMMUNICATION DRAWINGS FOR SLEEVE/CONDUIT ROUTING, SIZE AND QUANTITY.

GENERAL NOTE:
THIS DRAWING IS FOR DESIGN INTENT ONLY AND DOES NOT REFLECT A FULLY ENGINEERED SYSTEM. SECURITY CONTRACTOR SHALL BE RESPONSIBLE FOR ENGINEERING A COMPLETE OPERATIONAL SYSTEM THAT MEETS THE SPECIFICATION REQUIREMENTS.

NO.	DATE	ISSUE
1	3/15/2013	50% DD Owner Review
2	08/02/2013	75% Construction Documents
3	08/23/2013	100% Construction Documents



KEY PLAN

SEAL

Perkins Eastman

422 SLAMMER STREET
STAMFORD, CT 06901
T: 203.251.7400
F: 203.251.7474



Owner:
**UNIVERSITY OF CONNECTICUT
HEALTH CENTER**
FARMINGTON, CT

MEP/FP:

BR+A
311 ARSENAL STREET
WATERTOWN, MA 02472
617.254.0016

Structural:

JOHN SMOLEN ASSOCIATES
50 DEVINE STREET, UNIT A,
NORTH HAVEN, CT 06473-2203
203.248.2000

Medical Equipment:

GENE BURTON & ASSOCIATES
1893 GENERAL GEORGE PATTON
DR. FRANKLIN, TN 37067
615.376.3100

IT, Security, AV & Acoustics:

SHEN MILSOM & WILKE
417 FIFTH AVENUE
NEW YORK, NY 10016
212.725.6800

LEED Consultant:

STEVEN WINTERS ASSOCIATES
61 WASHINGTON ST
NORWALK, CT 06854
203.857.0200

Landscape Architect:

RGR LANDSCAPE
115 FIFTH AVENUE, 3RD FLOOR
NEW YORK, NY 1003
212.353.7373

Signage Consultant:

RUSSELL DESIGN
115 FIFTH AVENUE, 3RD FLOOR
NEW YORK, NY 1003
646.225.6260

PROJECT TITLE:

UCHC ACC FIT-OUT

FARMINGTON, CT

PROJECT No: CT12070

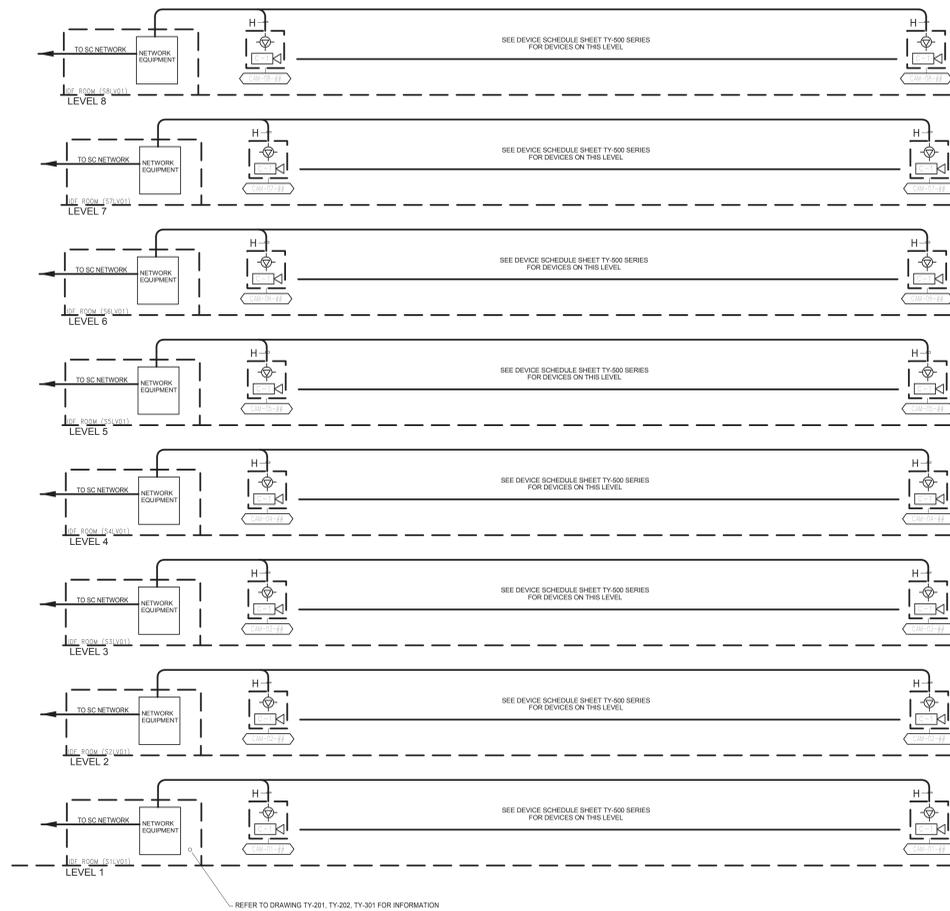
DRAWING TITLE:

**SECURITY VIDEO SURVEILLANCE
DEVICE RISER**

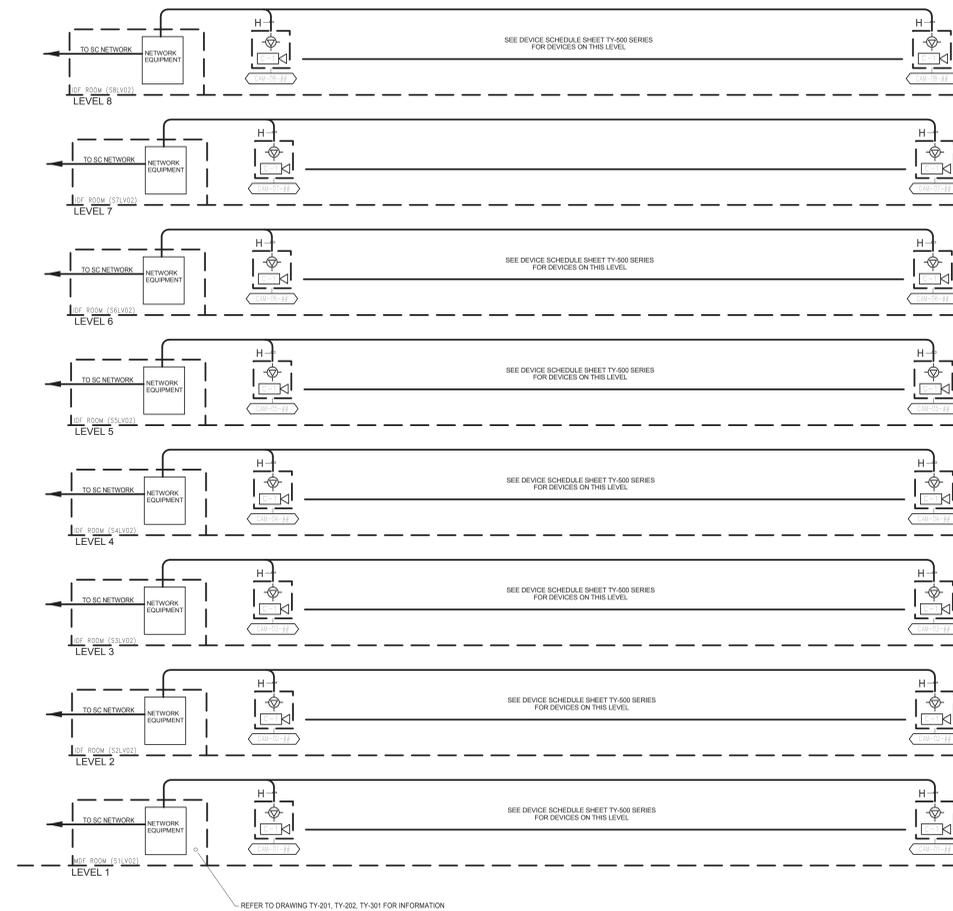
SCALE: 1" = 10'-0"

TY-304

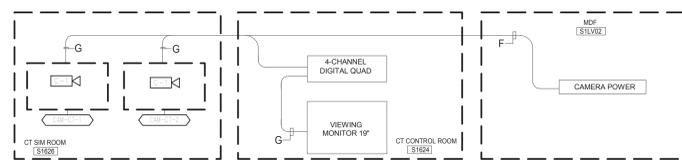
100% CONSTRUCTION DOCUMENTS
August 23, 2013



1 SECURITY VIDEO SURVEILLANCE DEVICE DIAGRAM – ZONE A
SCALE: NTS



2 SECURITY VIDEO SURVEILLANCE DEVICE DIAGRAM – ZONE B
SCALE: NTS



3 VIDEO SURVEILLANCE EQUIPMENT BLOCK DIAGRAM – CT SIM ROOM
SCALE: NTS

CABLE TYPES	
CABLE DESCRIPTION	PART NUMBER
H CATEGORY LAN CABLE	REFER TO TELECOM DRAWINGS FOR SPEC.
G RG-59U COAX	WEST PENN #25815
F 2 COND 16 AWG STROTTWST	WEST PENN #25225

NOTES:
1 REFER TO FLOOR PLAN DRAWINGS AND DEVICE SCHEDULE FOR EXACT DEVICE QUANTITY. DEVICES SHOWN HERE ARE FOR SCHEMATIC PURPOSE ONLY.
2 REFER TO TELECOMMUNICATION DRAWINGS FOR SLEEVE/CONDUIT ROUTING, SIZE AND QUANTITY.

GENERAL NOTES:
THIS DRAWING IS FOR DESIGN INTENT ONLY AND DOES NOT REFLECT A FULLY ENGINEERED SYSTEM. THE SECURITY CONTRACTOR SHALL BE RESPONSIBLE FOR ENGINEERING A COMPLETE OPERATIONAL SYSTEM THAT MEETS THE SPECIFICATION REQUIREMENTS.



BOSTON • PROVIDENCE • NEW HAVEN

REQUEST FOR INFORMATION

No. 00060



RECEIVED

By Awilda Gonzalez at 9:58 am, Sep 09

Perkins Eastman

TITLE: Bathroom Sink Countertops

DATE: 9/6/2013

PROJECT: UCHC Ambulatory Care Center Fit Out

JOB: 527-12

TO: Attn: Anthony J Stark

Perkins Eastman

422 Summer Street

Stamford, CT 06901

Phone: 203-251-7469 Fax: 203-251-7474

COST IMPACT: Yes No

SCHEDULE IMPACT: Yes No

REQUIRED: 9/9/2013

REQUEST:

Sections are required for the bathroom sink counter tops typical of elevation 7/A-402. Please provide this information.

PROPOSED SOLUTION:

Requested By: Dimeo Construction Company

Date: _____

Signed: _____

James Bendokas

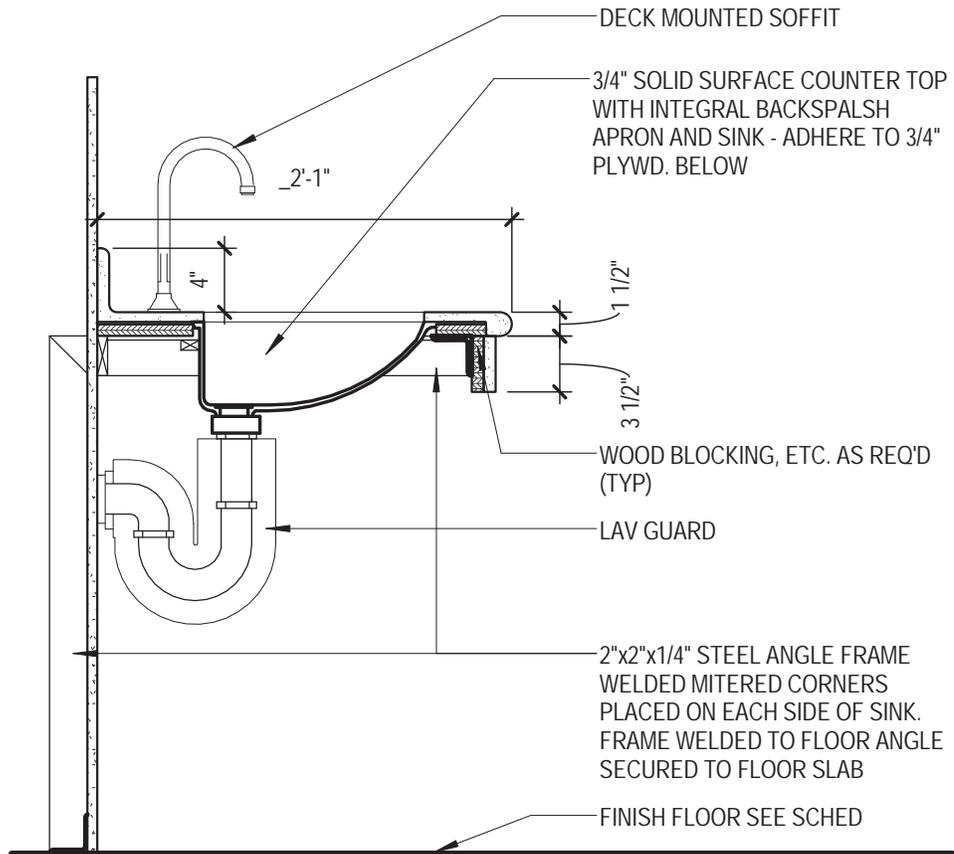
ANSWER:

See ask-003 attached for detail
Anthony Stark
Perkins Eastman
09/13/13

Answered By: Perkins Eastman

Signed: _____

Date: _____



1 LAVATORY DETAIL AT PUBLIC TOILET
1" = 1'-0"

Perkins Eastman

422 SUMMER STREET
STAMFORD, CT 06901
T. 203.251.7400
F. 203.251.7474

PROJECT: UCHC ACC FIT-OUT

DRAWING TITLE: LAVATORY DETAIL AT PUBLIC TOILET

DATE: September 12, 2013

PROJECT NO. 52230.00

SCALE: 1" = 1'-0"

DWG. NO.: ASK-003



REQUEST FOR INFORMATION

No. 00065



RECEIVED

By Awilda Gonzalez at 8:59 am, Sep 10

Perkins Eastman

TITLE: Drawing TY-401

DATE: 9/6/2013

PROJECT: UCHC Ambulatory Care Center Fit Out

JOB: 527-12

TO: Attn: Anthony J Stark

Perkins Eastman

422 Summer Street

Stamford, CT 06901

Phone: 203-251-7469 Fax: 203-251-7474

COST IMPACT: Yes No

SCHEDULE IMPACT: Yes No

REQUIRED: 9/9/2013

REQUEST:

Drawing TY-401 was not issued with the Construction Set of Drawings. Please provide this drawing.

PROPOSED SOLUTION:

Requested By: Dimeo Construction Company

Date: _____

Signed: _____
James Bendokas

ANSWER:

Shen Milsom & Wilke
September 16, 2013

Drawing is attached TY-401

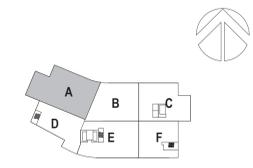
Steven Sorrenti

Answered By: Perkins Eastman

Signed: _____

Date: _____

NO.	DATE	ISSUE
1	3/15/2013	50% DD Owner Review
2	08/02/2013	75% Construction Documents
3	08/23/2013	100% Construction Documents
4	08/23/2013	100% Construction Documents
5	09/09/2013	Revision 3



KEY PLAN

SCALE

Perkins Eastman

422 SUMNER STREET
STAMFORD, CT 06901
T. 203.281.7400
F. 203.281.7474



Owner:
**UNIVERSITY OF CONNECTICUT
HEALTH CENTER**
FARMINGTON, CT

MEP/FP:
BR+A
311 ARSENAL STREET
WATERTOWN, MA 02472
617.254.0016

Structural:
JOHN SMOLEN ASSOCIATES
50 DEVINE STREET, UNIT A,
NORTH HAVEN, CT 06473-2203
203.248.2000

Medical Equipment:
GENE BURTON & ASSOCIATES
1893 GENERAL GEORGE PATTON
DR. FRANKLIN, TN 37067
615.376.3100

IT, Security, AV & Acoustics:
SHEN MILSOM & WILKE
417 FIFTH AVENUE
NEW YORK, NY 10016
212.725.6800

LEED Consultant:
STEVEN WINTERS ASSOCIATES
61 WASHINGTON ST
NORWALK, CT 06854
203.857.0200

Landscape Architect:
RGR LANDSCAPE
115 FIFTH AVENUE, 3RD FLOOR
NEW YORK, NY 10003
212.353.7373

Signage Consultant:
RUSSELL DESIGN
115 FIFTH AVENUE, 3RD FLOOR
NEW YORK, NY 10003
646.225.6260

UCHC ACC FIT-OUT

FARMINGTON, CT

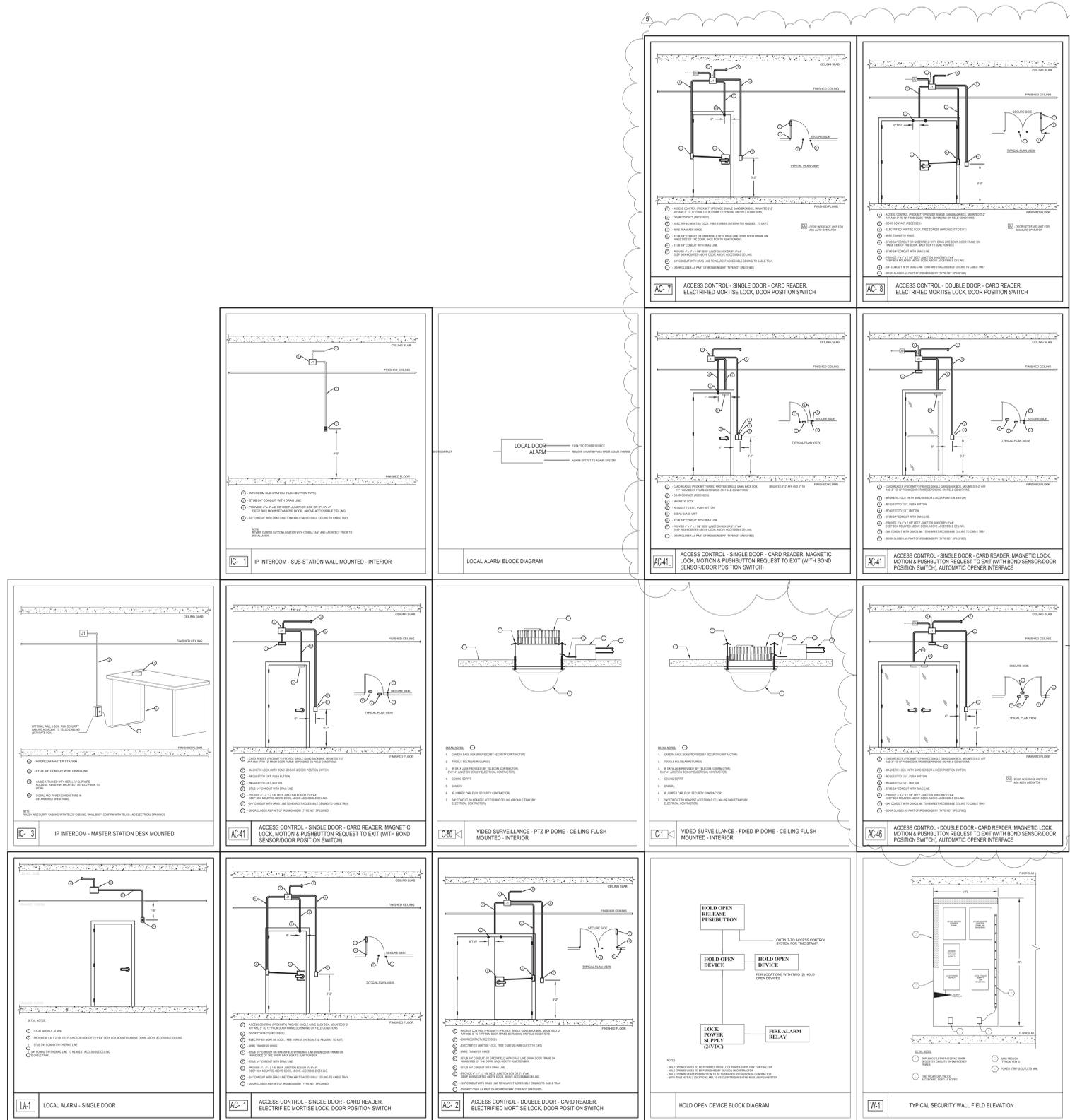
PROJECT No: CT12070

SECURITY DETAIL SHEET

SCALE: 1/4" = 1'-0"

TY-401

100% CONSTRUCTION DOCUMENTS
August 23, 2013



9/9/2013 1:37:07 PM



REQUEST FOR INFORMATION

No. 00079



RECEIVED

By Awilda Gonzalez at 10:54 am, Sep 1

Perkins Eastman

TITLE: Drawings A-120E & A-120F

DATE: 9/10/2013

PROJECT: UCHC Ambulatory Care Center Fit Out

JOB: 527-12

TO: Attn: Anthony J Stark

Perkins Eastman

422 Summer Street

Stamford, CT 06901

Phone: 203-251-7469 Fax: 203-251-7474

COST IMPACT: Yes No

SCHEDULE IMPACT: Yes No

REQUIRED: 9/12/2013

REQUEST:

Please clarify the scope of work delineated by "Wood Grain" hatching at the perimeter south walls located @ column lines 1 through 4 as shown on drawings A-120E & A-120F. Please review and advise.

PROPOSED SOLUTION:

Requested By: Dimeo Construction Company

Date: _____

Signed: _____

James Bendokas

ANSWER:

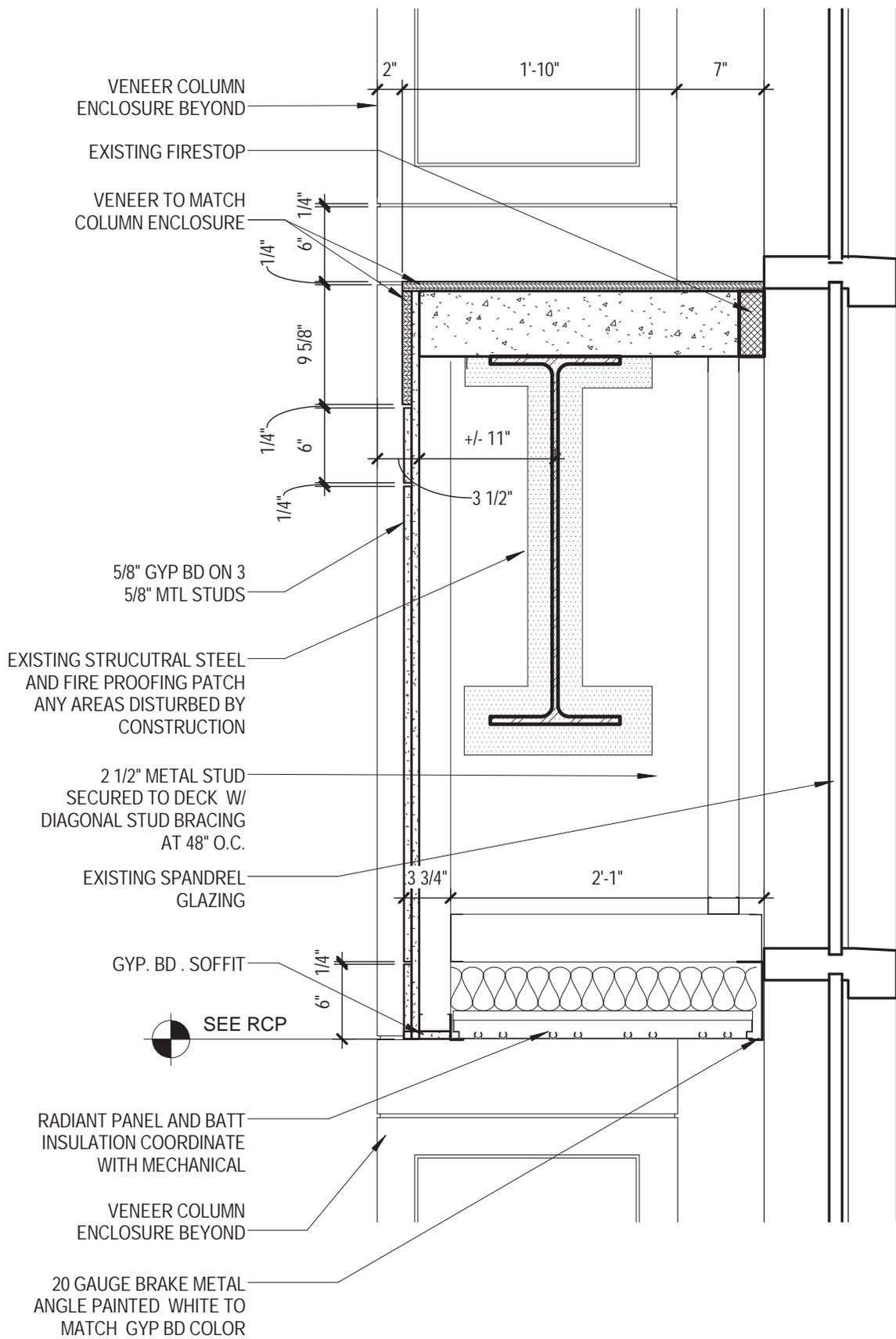
THE WOOD GRAIN HATCH IS A WOOD VENEER TO MATCH THE COLUMN ENCLOSURES, WD-01. SEE ATTACHED SECTION DETAIL AT THE BEAM PERPENDICULAR TO COLUMN LINE A FROM FROM COLUMN LINE 4-7.

ANTHONY STARK
PERKINS EASTMAN
09/16/13

Answered By: Perkins Eastman

Signed: _____

Date: _____



Perkins Eastman
 422 SUMMER STREET
 STAMFORD, CT 06901
 T. 203.251.7400
 F. 203.251.7474

PROJECT: UCHC ACC FIT-OUT

PROJECT NO. 52230.00

DRAWING TITLE: BEAM ENCLOSURE AT TWO STORY SPACE

SCALE: 1" = 1'-0"

DATE: September 16, 2013

DWG. NO.: ASK-004