AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. Contract Number	Page of Pages	
GF-2013-B-0082	1	1

2. Amendment/Modification Number	3. Effective Date	4. Requisition/Purchase Request No.	5. Solicitation Caption
GF-2013-B-0082-003	January 14, 2013		Auditorium Bldg 46E Guest Rooms and Dressing Rooms Renovation

6. Issued By: Code
University of the District of Columbia
Capital Procurement Division
4200 Connecticut Avenue, NW, Bldg. 38 Room C04
Washington, DC 20008

7. Administered By (If other than line 6)
University of the District of Columbia
Capital Procurement Division
4200 Connecticut Avenue, NW, Bldg 38 Room C04
Washington, DC 20008

8. Name and Address of Contractor (No. Street, city, country, state and ZIP Code)

Code Facility

9A. Amendment of Solicitation No.
GF-2013-B-0082
Friday, December 14, 2012

X

10A. Modification of Contract/Order No.

10B. Dated (See Item 13)

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

[ ] The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers [ ] is extended. [x] is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning 1 copy of the amendment: (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or fax which includes a reference to the solicitation and amendment number. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by letter or fax, provided each letter or telegram makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. Accounting and Appropriation Data (If Required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14

[ ] A. This change order is issued pursuant to: (Specify Authority)
The changes set forth in Item 14 are made in the contract/order no. in item 10A.

[ ] B. The above numbered contract/order is modified to reflect the administrative changes (such as changes in paying office, appropriation date, etc.) set forth in item 14, pursuant to the authority of 27 DCMR, Chapter 36, Section 3601.2.

[ ] C. This supplemental agreement is entered into pursuant to authority of:

[ ] D. Other (Specify type of modification and authority) Title 8, DCMR, Chapter 30, Section 3016.3

E. IMPORTANT: Contractor [ ] is not, [X] is required to sign this document and return 1 copy to the issuing office.

14. Description of amendment/modification (Organized by UCF Section headings, including solicitation/contract subject matter where feasible.)

Invitation for Bids No. GF-2013-B-0082 for Auditorium Building 46E, Guest Rooms & Dressing Rooms Renovation is hereby amended as follows:

1. Questions and Answers (Attachment A);

2. Additions and Modifications to the requirement (Attachment B);

3. Pre-Bid Conference Sign In Sheet (Attachment C);

4. The closing date for submitting questions is hereby extended from January 2, 2013 to January 15, 2013, 5:00 p.m.

5. All other terms and conditions remain the same.

Except as provided herein, all terms and conditions of the document referenced in Item (9A or 10A) remain unchanged and in full force and effect

15A. Name and Title of Signer (Type or print)		16A. Name of Contracting Officer SHERRY JONES-QUASHIE	
15B. Name of Contractor (Signature of person authorized to sign)	15C. Date Signed	16B. District of Columbia Sherry Jones-Quashie (Signature of Contracting Officer)	16C. Date Signed 1/14/13

GF-2013-B-0082
AUDITORIUM BUILDING 46E
GUEST ROOMS AND DRESSING ROOMS RENOVATION

ATTACHMENT A (QUESTIONS & ANSWERS) TO AMENDMENT 003

GF-2013-B-0082

AUDITORIUM BUILDING 46E, GUEST ROOMS AND DRESSING ROOMS RENOVATION

ATTACHMENT A (QUESTIONS & ANSWERS)

TO AMENDMENT 003

1. Question: Are testing and inspection part of the scope of work? Please clarify.

   Answer: The Contractor will be responsible for testing and inspections. Contractor shall supply results of testing within 24 hours of tests being performed or completion of lab testing period, whichever is applicable. Inspection reports shall also be submitted within 24 hours of the date of inspection.

2. Question: Please provide specification for trench drain detail 9/R3.3.

   Answer: Refer to attached product information for Aco Membrane Drain.

3. Question: What access can be used to remove debris and bring in equipment and materials?

   Answer: The site has multiple points of access including but not limited to the C level loading dock, Windom Place entrance at C level, parking deck entrance to B level, and athletic field service road to A level. Refer to Sheet AS1.1. Based on the location of the work in progress the Contractor shall coordinate with UDC project manager to provide and maintain access.

4. Question: Division 31- Earthwork, Section 314100 indicates shoring, but in the specification no details are provided. Please provide shoring specs.

   Answer: The Contractor must refer to "Part 3 – Excavation and Backfill" on Drawing S0.0 (General Notes) for contract requirements related to excavation, shoring, and backfill at below-grade work areas. See Amendment 2 dated 7 January, 2013 for clarification of the notes on Drawings S0.0 and S1.0.

5. Detail 3, 4 and 5/A1.1. Calls for concrete steps and landings to be demolished / removed in order to excavate down to the footing of the lower exterior wall to waterproofing. Has the soil to be excavated been tested for reuse? If so where can it be stocked? Will we need to provide structural fill?

   Answer: The Contractor must refer to Plans 2, 3, and 4/S1.0 and 1, 2, 3, and 4/R1.2 for concrete stair slab work. Also, see Details 6/S2.1 and 1 and 1R/A3.3 for example of work required at Lobby Stair. Work at Lobby Stair, C-Level Stair, and Mechanical Room Stair does not include earth excavation to exterior wall waterproofing.

No soil designated for removal has been tested for reuse. Contractor shall refer to Note 3.3 on Drawing S0.0 for requirements at below-grade excavations, excavation support, and backfill.

6. Question: Drawing AI1.1, Interior wall type legend, indicates CMU partitions W9A, W9B as 8" CMU and W10A, W10B as 6" CMU and W11A, W11B as 4" CMU. These partition types are not shown. Please indicate CMU partition on detail 2/AI1.1.

   Answer: For partition designations in all areas, refer to sheets AI1.1 and AI1.5, Amendment 2 revisions dated 7 January, 2013,

7. Question: Please provide toilet accessory schedule, the plans do not provide one.

   Answer: Refer to attached drawing AR3, dated 01/01/2013.

8. Question: A "Number 14" is called for in the food service equipment plan; however, the schedule has no mention of it. Please provide more information.

   Answer: Change Keynote 14 on food service equipment plan to Keynote 13.

9. Question: Electrical drawings do not give the location of the existing electrical room on "B" level. What is the distance from existing Panel "MDPL" on level "B" to the new Panel "P" on level "C"?

   Answer: Refer to sheet EP2.1, Amendment 2 revisions dated 07 January, 2013, for location of electrical room.

10. Question: In relation to millwork:

    a. Detail 2/AI2.3 there appears to be wood on the front of the wall, what is the species? Is this a millwork wall, how are the panels applied?

       Answer: Rear wall and side walls of Box Office and Concession Area have wood slat panel system by Armstrong or Rulon. Species is maple. Panels are mounted to walls with L 2"x2"x2" painted to match wall behind.

    b. In regards to the casework shown on AI2.3, is it all plastic laminate?

       Answer: Casework in Box Office, Concessions and Manager's Office is stain grade maple w/ stain and lacquer finish. Counters are Cesarstone. Casework in Pantry, Dressing Rooms and

Greenroom is plastic laminate and counters there are solid surface.

c. The finish schedule shows Counter 1 and 2. Where are they labeled on the plans?

Answer: Counter 1 – Box Office and Concession Counters
Counter 2 – Men's and Women's Restrooms
Counter 3 – Dressing Room counters, Pantry & Greenroom
Counter 4 – Dressing Room sink counters

d. Counter 1 and 2, Trend Q tops are labeled as 1-1/4" thick. This material is like a tile and available in only ¼" thick material. Please advise.

Answer: Substitute Cesarstone for Counters 1 and 2

e. Is the Rulon wood panel correct, I could only find a PG6-12-32D?

Answer: Replace Rulon PG16-12-32D with PG6-12-32D. Armstrong Woodworks Grille and Rulon are both approved products. Delete semi rigid insulation and furring behind wood grilles. Provide saturated color paint on walls behind all wood grilles. Provide doweled panels, not wood backers.

f. What is meant by the 12" x 12" size for the Rulon wood panels?

Answer: 12" x 12" refers to the required size of sample submittal.

11. Please provide specifications for food service and bar equipment.

Answer: Refer to food service equipment schedule on Sheet for AI1.3 for equipment specifications.

12. Question: Please advise on locations of different countertops (none called out in plans)

Answer: Refer to answer 10.c. in Amendment 002.

13. Please advise on locations of CPT 2 vs. CPT 3 – Plans call out CPT 2 for rooms C12A, C13A, C14, and C15, but finish schedule calls out CPT 3.

Answer: On Sheet AI3.1, change carpet designation for rooms C12A, C13A, C14, and C15 to CPT-2. On Interior Finish Material Schedule, change Bolyu RSH78 to be designated CPT-3.

14. C12 and C13 – What is Lino?

Answer: On Sheet AI1.7, change floor designation for Rooms C12 and C13 to VCT-1, Change the floor designation for CF10 to VCT-1.

15. Hallway CF-10 – Plans call for VCT2, finish schedule calls for VCT1, Scheduled items are CPT1, CPT2, CPT3 and VCT1; No VCT2.

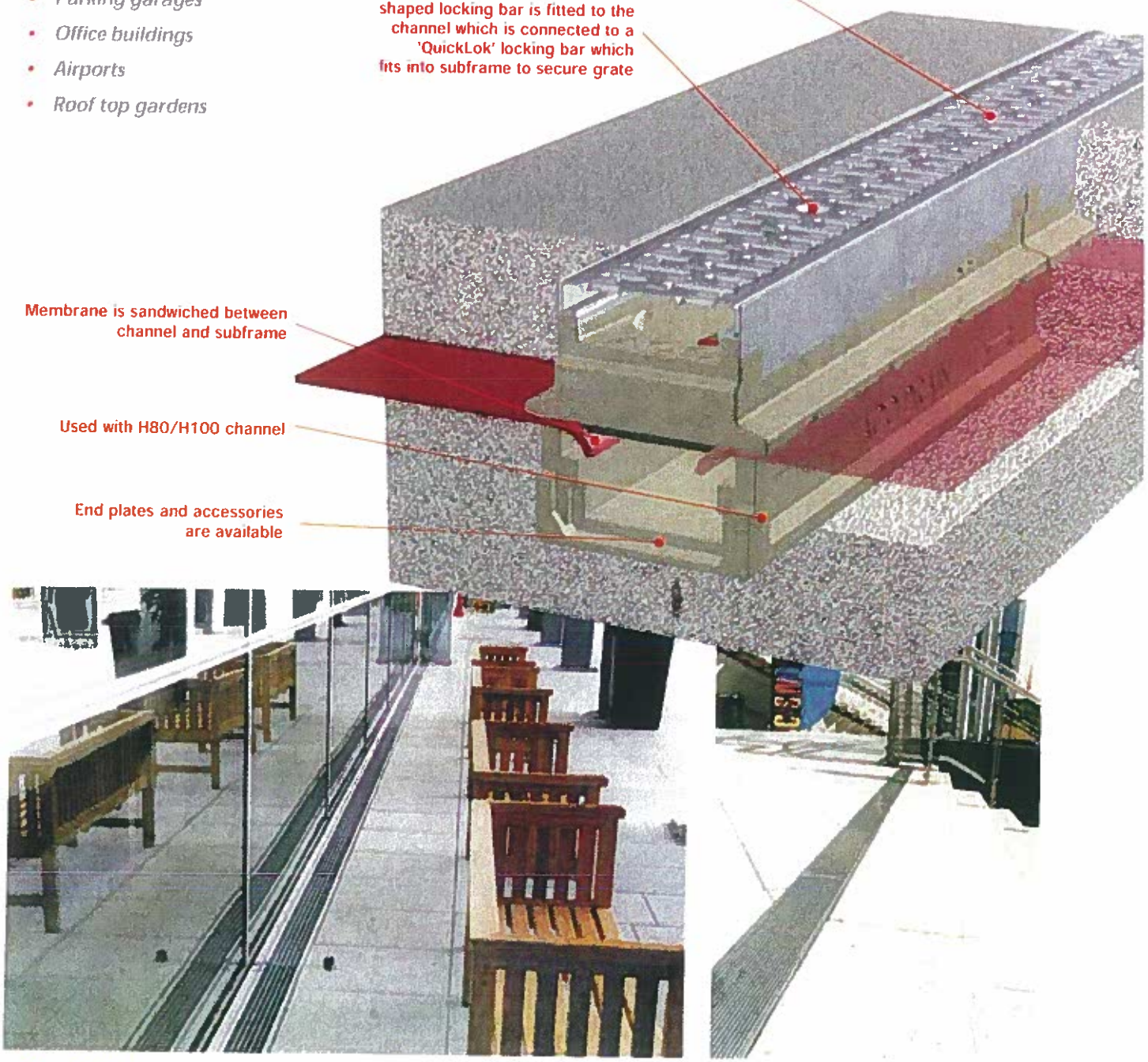
Answer: On Sheet AI1.7, change the floor designation for Room CF10 to VCT-1.

Membrane Drain

Subframe and channel system for use in suspended slab to collect liquid permeating through pavements

Typical applications

- *Rail stations*
- *Parking garages*
- *Office buildings*
- *Airports*
- *Roof top gardens*



PROBLEM SOLVER

Membrane Drain details

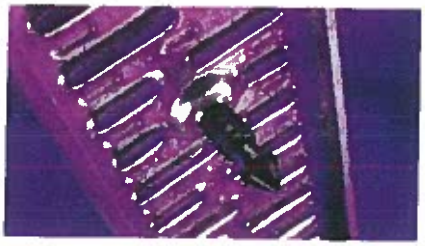
Membrane Drain - with galvanized or stainless edge rail, subframe for H80/H100 channel

Membrane Drain is specifically for use in suspended slabs where any liquid permeating through the pavement is collected by a membrane and directed into the trench drain. Each membrane unit is manufactured with weep holes to allow liquid entry from the membrane into the trench drain.

The membrane subframe fits directly on H80/H100 channels, and uses H80/H100 grates.

QuickLok - *boltless locking system*

'QuickLok' is a patented, boltless locking system offering quick fitting and removal of grates. Use of 'QuickLok' grates reduces installation and maintenance time and cost.



Grates are supplied with a 'QuickLok' locking stud which push fits into a stainless steel spring clip in the 'QuickLok' locking bar. To remove grate, put removal hook into grate opening and pull upwards.

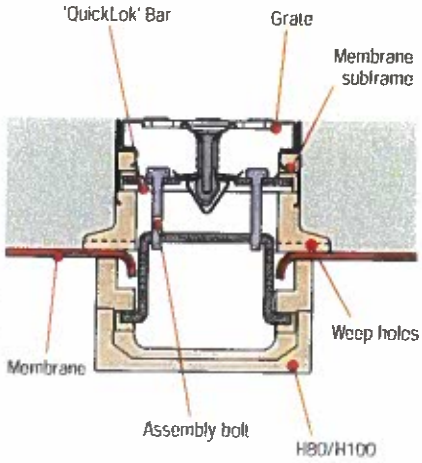
Clamping Device

The membrane clamping device consists of:

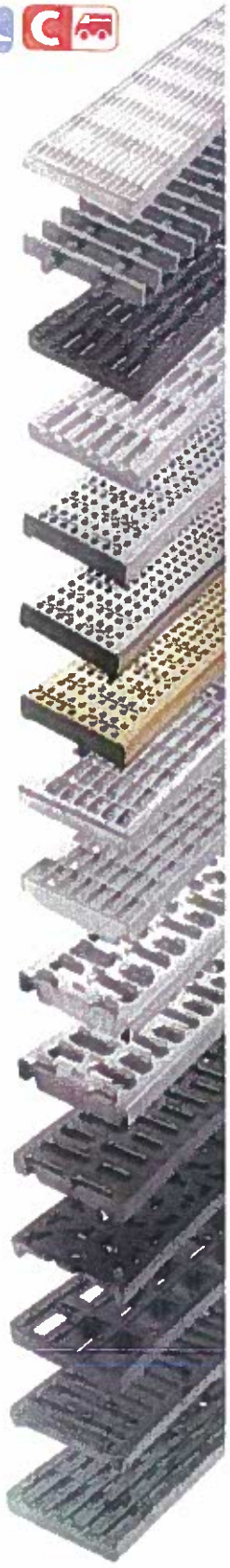
Two $^{5}/_{16}$ - 18 x 2" bolts

Removable 'QuickLok' locking bar

Inverted U locking bar fits in channel and locks membrane unit and channel together



For full information, see Product Catalog (Pg. 102) or Spec Info Sheets



ACO Polymer Products, Inc.
12080 Ravenna Road
PO Box 245
Chardon, OH 44024
Tel: (440) 285 - 7000
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Toll Free: (800) 543 - 4764
E-mail: info@acousa.com
www.acousa.com

GENERAL STRUCTURAL NOTES

PART 1 - GENERAL REQUIREMENTS AND DESIGN CRITERIA

1.1 GENERAL DESCRIPTION OF THE WORK

A. THESE S-SERIES DRAWINGS INCLUDE ONLY STRUCTURAL REQUIREMENTS FOR THE PLAZA REPAIRS. SEE R-SERIES DRAWINGS FOR BUILDING ENVELOPE, WATERPROOFING, AND FLASHING.
B. REFER TO THE PROJECT MANUAL FOR GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION, FOR GENERAL REQUIREMENTS, AND FOR DETAILED REQUIREMENTS FOR MATERIALS AND WORKMANSHIP.
C. THE CONTRACTOR IS RESPONSIBLE FOR DISCOVERING AND REPAIRING ALL DETERIORATED CONCRETE IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS.
D. THE STRUCTURAL SCOPE INCLUDES, BUT IS NOT LIMITED TO:
   1. PLAZA DECK CONCRETE REPAIRS
   2. STAIR AND STAIR WALL REPLACEMENT
   3. STAIR TOPPING SLAB REPLACEMENT
   4. NEW SLAB-ON-GRADE

1.2 GENERAL

A. DETAILS, SECTIONS AND NOTES CONTAINED IN THE STRUCTURAL CONTRACT DOCUMENTS SHALL BE CONSIDERED TYPICAL FOR ALL SIMILAR CONDITIONS EVEN IF NOT EXPLICITLY REFERENCED, UNLESS OTHERWISE NOTED (UON).
B. DEFICIENT WORK AND/OR WORK NOT IN CONFORMANCE WITH THE CONTRACT DOCUMENTS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE. THE CONTRACTOR SHALL COMPENSATE THE CLIENT FOR SERVICES ARISING FROM DEFICIENT WORK.
C. COST OF INVESTIGATION AND/OR REDESIGN INCURRED BY THE ENGINEER DUE TO CONTRACTOR ERRORS WILL BE AT THE CONTRACTOR'S EXPENSE.
D. CONTRACTOR IS RESPONSIBLE FOR DETERMINING WHETHER SHORING IS REQUIRED AND FOR DESIGN AND INSTALLATION OF SHORING.
E. THESE DRAWINGS REPRESENT THE COMPLETED PROJECT. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ALLOWABLE CONSTRUCTION LOADS AND TO PROVIDE PROPER DESIGN AND CONSTRUCTION OF FALSE WORK, STAGING, BRACING, SHEETING AND SHORING, ETC.
F. DEVELOPING AND IMPLEMENTING JOB SITE SAFETY AND CONSTRUCTION PROCEDURES ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

1.3 SPECIFICATIONS

A. REFER TO PROJECT SPECIFICATIONS FOR DETAILED REQUIREMENTS FOR MATERIAL AND WORKMANSHIP.
B. THE STRUCTURAL CONTRACT DOCUMENTS INCLUDE THESE S-SERIES DRAWINGS AND GENERAL NOTES AND SPECIFICATION SECTIONS FOR CAST-IN-PLACE CONCRETE AND CONCRETE REPAIR.

1.4 ELEVATIONS & DIMENSIONS

A. ALL DIMENSIONS, ELEVATIONS AND CONDITIONS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR AND ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR CLARIFICATION BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK AND PRIOR TO THE SUBMISSIONS OF SHOP DRAWINGS. UPON RECEIPT OF SHOP DRAWINGS, THE ENGINEER HAS THE RIGHT TO ASSUME THAT ALL FIELD DIMENSIONS, ELEVATIONS AND CONDITIONS HAVE BEEN VERIFIED BY THE CONTRACTORS AND THAT THE SHOP DRAWINGS ACCURATELY REFLECT SUCH VERIFICATIONS UNLESS STATED OTHERWISE ON THE SHOP DRAWINGS.

1.5 BUILDING CODES AND REFERENCED STANDARDS

A. 2008 DISTRICT OF COLUMBIA MUNICIPAL REGULATIONS (DCMR 12, 2008)
B. 2006 INTERNATIONAL BUILDING CODE (IBC 2006)
C. 2006 INTERNATIONAL EXISTING BUILDING CODE (IEBC 2006)
D. MINIMUM DESIGN LOADS FOR BUILDING AND OTHER STRUCTURES (ANSI/ASCE 7-05, 2005)

1.6 DESIGN LOADS

A. DEAD LOADS: ALL PERMANENT STATIONARY CONSTRUCTION
B. FLOOR LIVE LOADS FOR STAIRS AND EXITS: 100 PSF
C. SNOW LOAD PARAMETERS

1. GROUND SNOW LOAD W/O DRIFT SURCHARGE, PG	30 PSF
2. GROUND SNOW LOAD W/ DRIFT SURCHARGE, PG	25 PSF
3. SNOW EXPOSURE FACTOR, CE	1.00
4. SNOW LOAD IMPORTANCE FACTOR, I	1.00
5. THERMAL FACTOR, CT	1.20

1.7 DEACTIVATION OF ELECTRICAL CONDUIT

A. PRIOR TO CONDUCTING CONCRETE DEMOLITION LOCATE AND DEACTIVATE ALL ELECTRICAL CIRCUITS EMBEDDED IN CONCRETE. REFER TO E-SERIES DRAWINGS.

PART 2 - CONCRETE WORK

2.1 CONCRETE MIX PROPERTIES

A. ELEMENT	28 DAY STRENGTH	MAX W/C	AIR CONTENT
1. STAIR SLABS AND STAIR WALLS	5,000 PSI	0.40	6% +/- 1.5
2. TOPPING SLABS	5,000 PSI	0.40	6% +/- 1.5
3. SLAB-ON-GRADE	5,000 PSI	0.40	6% +/- 1.5

B. PORTLAND CEMENT: ASTM C150, TYPE II
C. DENSITY: NORMAL WEIGHT

2.2 STEEL REINFORCEMENT

A. ASTM A615 GRADE 60, DEFORMED
B. ASTM A497 WELDED WIRE REINFORCEMENT (USE FLAT SHEETS ONLY)
C. DO NOT TACK OR SPOT-WELD CROSSING BARS

2.3 SPLICING OF REINFORCEMENT

A. AS SHOWN ON DRAWINGS BUT NOT LESS THAN 50 BAR DIAMETERS FOR SLABS AND BEAM BOTTOM BARS, AND NOT LESS THAN 65 BAR DIAMETERS FOR WALLS AND BEAM TOP STEEL.
B. LAP W.W.R. 8 IN. OR TWO SQUARES, WHICHEVER IS GREATER.
C. TIE BARS AND WIRES TOGETHER AT LAP.

2.4 REINFORCEMENT SHOP DRAWINGS

A. SUBMIT FOR APPROVAL, COMPLETE BENDING AND PLACING DETAILS OF ALL REINFORCEMENT INCLUDING WELDED WIRE REINFORCEMENT, INDICATING POSITION OF SPLICES.
B. INCLUDE ACCESSORY DRAWINGS.

2.5 MINIMUM CONCRETE CLEAR COVER

A. PROVIDE 2 IN. CLEAR COVER TO ALL NEW REINFORCEMENT, UON ON THE DRAWINGS.

2.6 POST-INSTALLED ANCHORS

A. ANCHORING SYSTEM: HILTI HIT-RE 500 EPOXY ADHESIVE ANCHORING SYSTEM
   1. FIELD DETERMINE SUBSTRATE SLAB THICKNESS AND SUBMIT INFORMATION TO ENGINEER FOR REVIEW PRIOR TO DRILLING.
   2. FOLLOW HILTI INSTALLATION REQUIREMENTS AND RECOMMENDATIONS.
   3. PROVIDE STANDARD DEPTH OF EMBEDMENT AS LISTED BY HILTI, UON.
   4. DO NOT USE IN AN OVERHEAD APPLICATION.

2.7 EXISTING SURFACE TREATMENT

A. SEE SPECIFICATIONS FOR CONCRETE SURFACE PREPARATION REQUIREMENTS.

2.8 STANDARD SPECIFICATIONS AND REFERENCE STANDARDS

A. FOLLOW THE LATEST RECOMMENDATIONS AND SPECIFICATIONS OF THE AMERICAN CONCRETE INSTITUTE
   1. ACI 301 SPECIFICATION FOR STRUCTURAL CONCRETE
   2. ACI 302 CONCRETE FLOOR AND SLAB CONSTRUCTION
   3. ACI 304 MEASURING, MIXING, TRANSPORTING AND PLACING CONCRETE
   4. ACI 305 HOT WEATHER CONCRETING
   5. ACI 306 COLD WEATHER CONCRETING
   6. ACI 315 DETAILING FOR CONCRETE REINFORCING
   7. ACI 318 GENERAL DESIGN OF ITEMS NOT OTHERWISE SPECIFIED
   8. ACI 347 FORMWORK FOR CONCRETE
   9. CRSI MANUAL OF STANDARD PRACTICE

PART 3 - EXCAVATION AND BACKFILL

3.1 THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING UTILITIES, ABOVE AND BELOW GRADE STRUCTURES, ETC., WHETHER INDICATED OR NOT, THAT MAY BE AFFECTED BY THE CONSTRUCTION PROCESS.
3.2 ALL SHORING, SHEETING AND DEWATERING SHALL BE THE TOTAL RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR'S ENGINEER, REGISTERED IN THE DISTRICT OF COLUMBIA, ~~SHALL DESIGN THE SHEETING AND SHORING, AND PROVIDE SIGNED AND SEALED SUBMITTALS FOR REVIEW.~~
3.3 BACKFILL MATERIAL AND COMPACTION REQUIREMENTS SHALL BE THE TOTAL RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR'S GEOTECHNICAL ENGINEER, REGISTERED IN THE DISTRICT OF COLUMBIA, SHALL SUBMIT A SPECIFICATION FOR BACKFILL MATERIAL AND COMPACTION REQUIREMENTS FOR REVIEW. THE ENGINEER SHALL BE RESPONSIBLE FOR OBSERVING BACKFILLING OPERATIONS, COLLECTING COMPACTION DATA AND SUBMITTING REPORTS TO OWNER.

1

owner:
UNIVERS
DISTRI
COLL
4200 Connecticut Ave
Washington, D

RENOVATION OF GUEST A
DRESSING ROOMS AT THE
AUDITORIUM, BUILDING 4
VAN NESS CAMPUS

BID PACKAGE
B - LEVEL PLAZA RESTOR

architect:
KAM
ARCHITECT
3612 Van Ness Str
Washington, DC
phone 202.2
fax 202.2

building envelope engineer:
SG
simpson gumpertz & hee
1828 L Str
Washington, DC

m.e.p. engineer:
S
solly and associates, In
5185 MacArthur Blvd. Su
Washington, DC
phone 202.38
fax 202.31

specifications:
h&
heller and metzger
11 DuPont Circle NW, Su
Washington, DC
phone 202.36
fax 202.23

cost estimating:
ae
Advanced Engineering Ser
6625 Belcrest Road, Su
Hyattsville, MD
phone 301.48
fax 240.46

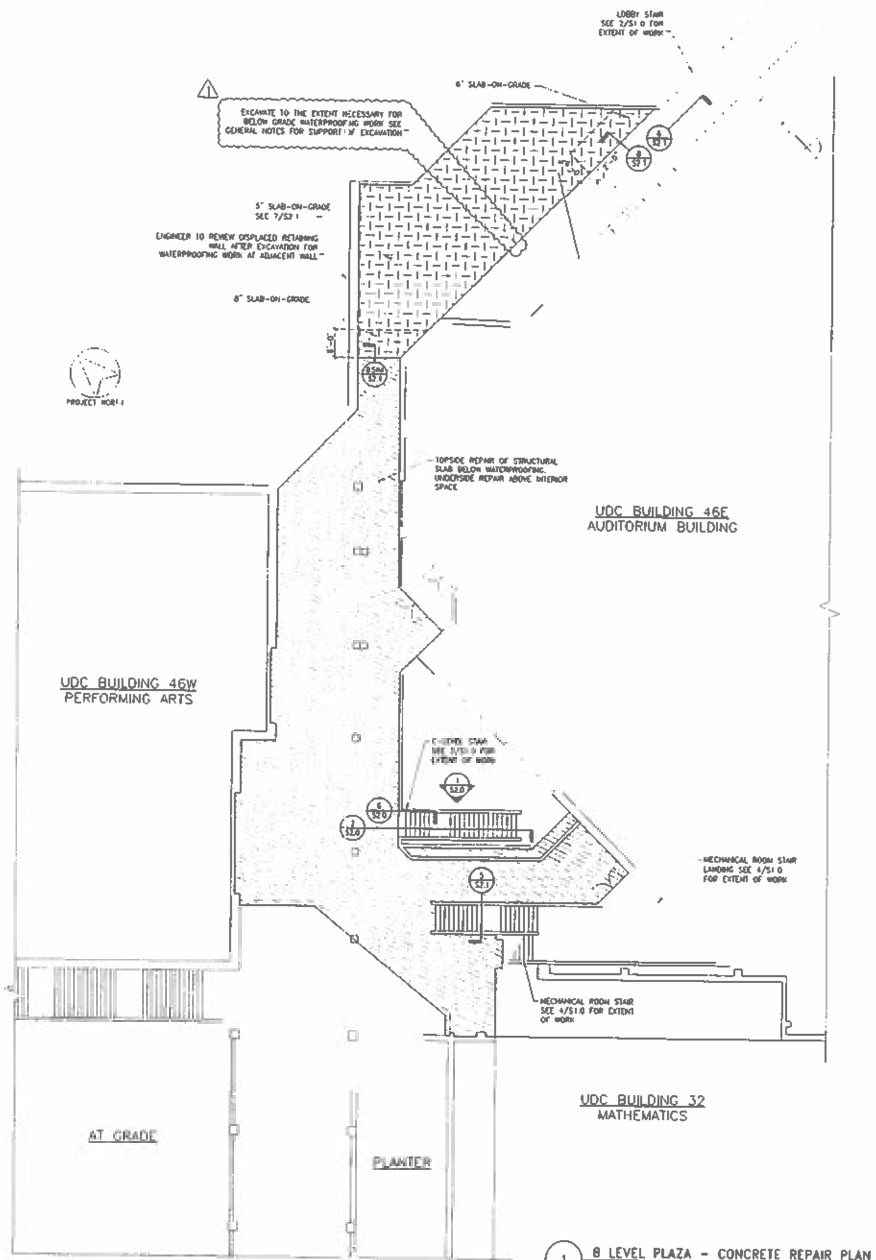
revisions:
rev / date
Issued for Bidding and P 10.31.2012
1 Amendment 2 1/7/13

seal:

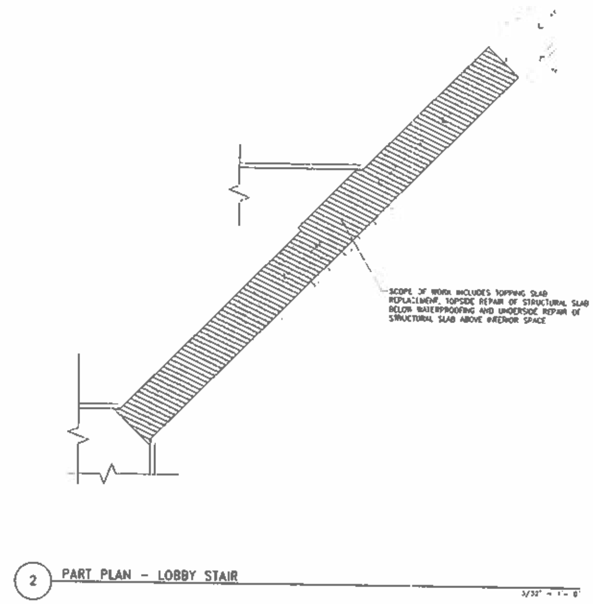
drawing title:
GENERAL N
scale:
drawn by:
checked by:
project number:

S0.0

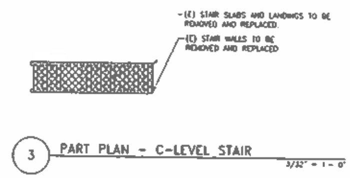
date: 10.31



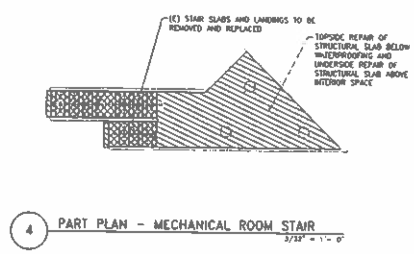
1 B LEVEL PLAZA - CONCRETE REPAIR PLAN
3/32" = 1'-0"



2 PART PLAN - LOBBY STAIR
3/32" = 1'-0"

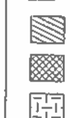


3 PART PLAN - C-LEVEL STAIR
3/32" = 1'-0"



4 PART PLAN - MECHANICAL ROOM STAIR
3/32" = 1'-0"

LEGEND



EXTENT OF ELEVATED PLAZA DECK CONCRETE REPAIR WORK
EXTENT OF STAIR REPLACEMENT
EXTENT OF NEW SLAB-ON-GRADE

SCOPE OF WORK

Slab-on-Grade

1 Install new slab-on-grade and gravel base. See R-Series Drawings for plaza paving assembly

Lobby Stair

2 Remove and replace stair topping slab. See R-Series Drawings for waterproofing repairs

C-Level Stair

3 Remove and replace stair slabs, stair landings, and stair walls. See R-Series Drawings for waterproofing repairs

Mechanical Room Stair

4 Remove and replace stair slabs and stair landings. See R-Series Drawings for waterproofing repairs

Concrete Repairs

5 Use non-destructive methods to locate existing reinforcement as necessary to avoid damaging existing reinforcement
6 After removal of existing planters, topping slabs, pavers, setting bed, and waterproofing, visually survey and sound topside and underside of structural slab to identify extent of proposed topside, underside, and full-depth concrete repairs based on extent of unsound concrete. Mark areas for proposed repairs both directly on the structure and graphically on plan drawings for the Engineer to review prior to conducting repairs
7 See A-Series Drawings for requirements for replacement of interior finishes removed to conduct concrete repair work
8 See specifications for material and workmanship requirements for concrete repair
9 Provide unit prices for concrete repair work

Retaining Wall

10 Excavate to the extent necessary to conduct below grade waterproofing work. See general notes for requirements for excavation work
11 After removal of earth to the extent needed for foundation waterproofing engineer to review the condition of the existing displaced retaining wall and design remedial work if needed
12 Alternate - Replace the displaced retaining wall. The contractor's engineer, registered in the project's jurisdiction, shall design the replacement retaining wall and provide signed and sealed drawings and calculations for review

owner:
UNIVERSITY OF THE DISTRICT OF COLUMBIA
4200 Connecticut Ave
Washington, DC

RENOVATION OF GUEST & DRESSING ROOMS AT THE AUDITORIUM, BUILDING 46 VAN NESS CAMPUS

BID PACKAGE
B-LEVEL PLAZA RESTORATION

architect:
KAM ARCHITECTS
3012 Van Ness St
Washington, DC

building envelope engineer:
simpson gumpertz & heger

m.e.p. engineer:
wiley and associates, inc
5185 MacArthur Blvd
Washington, DC

specifications:
h&
heller and metzger
1 DuPont Circle NW
Washington, DC

cost estimating:
ae
Advanced Engineering
6525 Belcrest Road
Hyattsville, MD

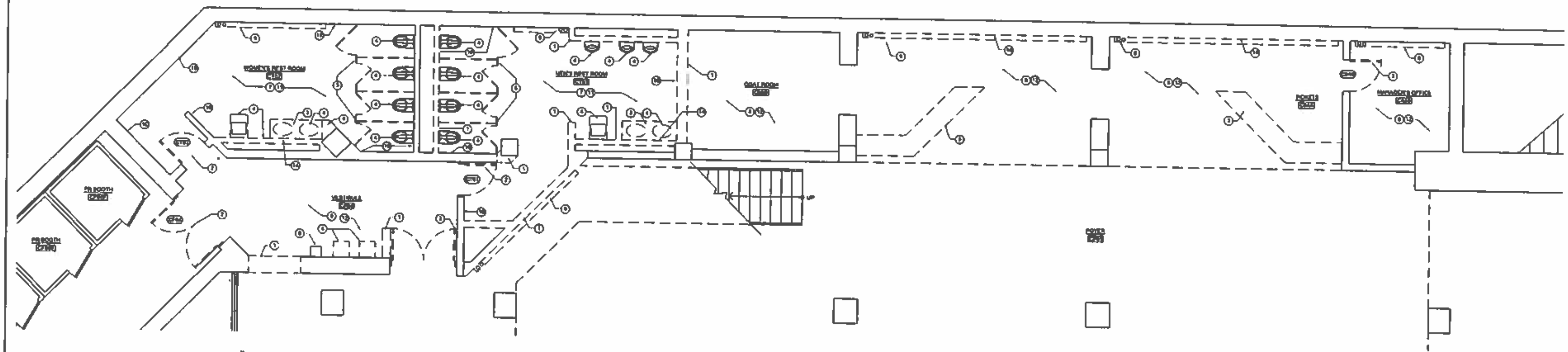
revisions:
rev | date
Issued for Bidding and ... 10.31.2012
Amendment 2 1/2/13

seal:

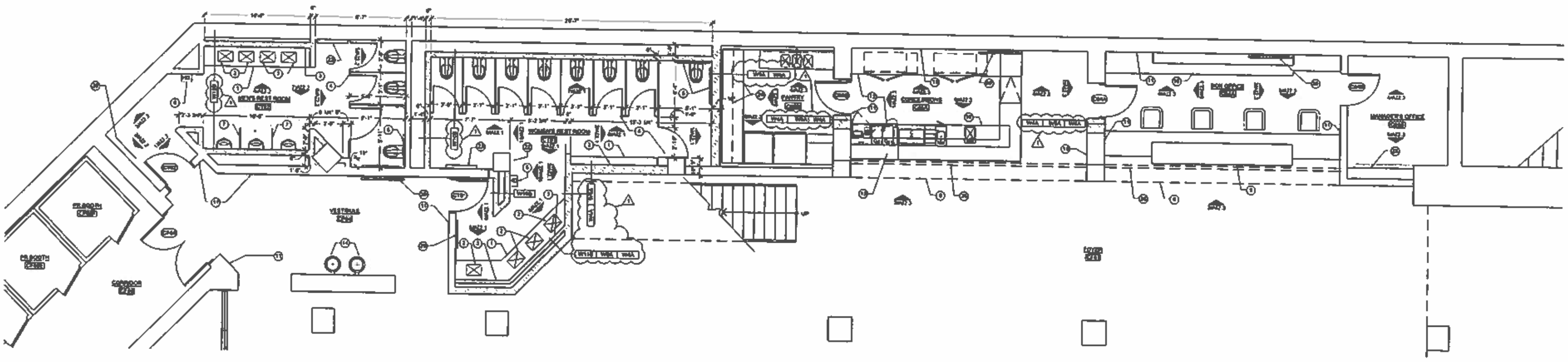
drawing title:
CONCRETE REPAIR
scale: AS N...
drawn by:
checked by:
project number:

S1.0

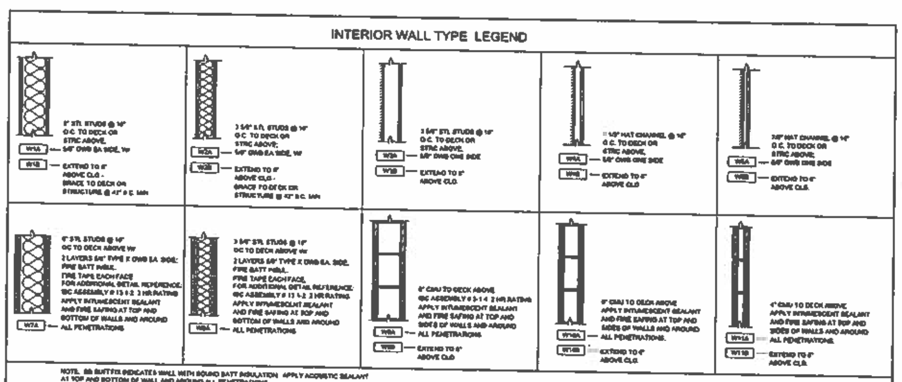
date: 10.31...



LOBBY AND RESTROOM FLOOR PLAN - DEMOLITION



LOBBY AND RESTROOM FLOOR PLAN - NEW WORK



KEYNOTES - DEMOLITION

1. REMOVE PORTIONS OF EXISTING WALL INDICATED. REFER TO NEW FLOOR PLAN FOR ALL DIMENSIONS. PROVIDE TEMPORARY SUPPORT AS REQUIRED
2. REMOVE EXISTING DOOR OR WINDOW, FRAME, TRIM, AND HARDWARE.
3. REMOVE EXISTING CABINETS AND COUNTERS.
4. REMOVE EXISTING PLUMBING FIXTURES.
5. REMOVE EXISTING TOILET PARTITIONS AND TOILET ACCESSORIES.
6. REMOVE EXISTING PAY PHONE. REMOVE AND SALVAGE HYDRATION UNIT.
7. REMOVE EXISTING GWB OR PLASTER CEILING INCLUDING ALL ACCESS PANELS AND SUSPENSION SYSTEM.
8. REMOVE EXISTING SUSPENDED ACT CEILING INCLUDING ALL MEP FIXTURES AND SUSPENSION SYSTEM.
9. REMOVE EXISTING [illegible] TUBE CONNECTOR AND COVER.
10. REMOVE EXISTING TILE WALL FINISH.
11. REMOVE EXISTING TILE FINISH FLOORING AND BASE.
12. REMOVE EXISTING CARPET AND BASE.
13. REMOVE EXISTING VCT FLOORING AND BASE.
14. REMOVE EXISTING MIRROR WALL FINISH.
15. REMOVE EXISTING SHOWER STALL UNIT INCLUDING BASE AND WALLS.
16. REMOVE EXISTING LOCKERS.
17. REMOVE EXISTING BENCH.
18. REMOVE EXISTING WOOD PANELING, FURRING, TRIM AND BASE.
19. REMOVE AND DISCARD EXISTING MODULAR PRACTICE ROOMS.
20. REMOVE AND RELOCATE EXISTING UTILITY SINK AND HAND SINK.
21. REMOVE ACOUSTIC CEILING PANELS IN CORRIDOR CF08, AS REQUIRED TO ACCESS CONCRETE SLAB ABOVE FOR BID PACKAGE 1 CONCRETE REPAIRS AND UTILITY ROUTING. EXISTING GRID, LIGHTING AND MEP TO REMAIN. INSTALL NEW 24" X 48" ACP-1 PANELS IN EXISTING CF08 GRID AT COMPLETION OF BID PACKAGE 1 WORK.

GENERAL NOTES - DEMOLITION

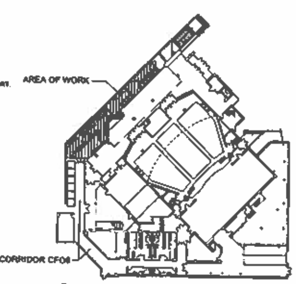
1. REMOVE ALL ELECTRICAL DEVICES NOT USED IN NEW WORK.
2. REMOVE ALL PLUMBING MATERIAL AND FIXTURES NOT USED IN NEW WORK.
3. REMOVE ALL HVAC EQUIPMENT AND DUCT NOT USED IN NEW WORK.
4. REMOVE PORTIONS OF EXISTING CONC. SLAB AS REQUIRED FOR NEW
5. PLUMBING AND WASTE PIPING. REF. PLUMBING DRAWINGS FOR ALL
6. LOCATIONS AND ADDITIONAL INFORMATION.

KEYNOTES - NEW WORK

1. STONE COUNTER AND BACK SPLASH MOUNTED TO STEEL ANGLE FRAME SUPPORT
2. UNDERMOUNTED LAVATORY IN COUNTER. PROVIDE ADA COMPLIANT PIPE WRAP ON ALL EXPOSED PLUMBING BELOW COUNTERS.
3. FULL HEIGHT MIRROR ABOVE BACKSPLASH.
4. CEILING HUNG STAINLESS STEEL TOILET PARTITIONS.
5. ADA COMPLIANT GRAB BARS.
6. ELECTRIC HAND DRYER.
7. WALL MOUNTED STAINLESS STEEL URINAL PARTITIONS.
8. LINE OF SOFFIT OR BULKHEAD ABOVE.
9. STONE BOX OFFICE COUNTER W/ DESK BEHIND
10. 24" D BASE CABINETS W/ STONE COUNTER.
11. NEW LINEAR STAIN GRADE WOOD ACOUSTIC WALL TREATMENT.
12. UNDER-COUNTER BAR EQUIPMENT W/ STONE COUNTER ABOVE.
13. STONE CONCESSION BAR COUNTER.
14. RECESSED WATER COOLER.
15. SOLID SURFACE COUNTER AND BACK SPLASH MOUNTED TO STEEL ANGLE FRAME SUPPORT.
16. 12" DEEP WALL MOUNTED P-LAM SHELVING ABOVE DRESSING TABLES.
17. 24" DEEP P-LAM SHELVING ABOVE WALL MOUNTED COSTUME HANGING ROD
18. NEW DRESSING ROOM LOCKERS
19. NEW STAIN GRADE WOOD BENCH. STAIN AND SEAL.
20. SURFACE MOUNTED PAPER TOWEL DISPENSER AND TRASH RECEPTACLE.
21. PAINT EXISTING AND NEW WALLS IN DESIGNATED ROOMS.
22. SANITARY PRODUCT DISPENSER.
23. BABY CHANGING STATION.
24. 24" D PLAM BASE CABINETS AND SOLID SURFACE COUNTER. 12" D PLAM WALL CABINETS.
25. 12" D PLAM BASE CABINETS AND SOLID SURFACE COUNTER. 12" D PLAM WALL MOUNTED SHELVES.
26. MOTOR OPERATED COILING OVERHEAD DOOR ABOVE.
27. NEW LOCATION OF SALVAGED UTILITY SINK AND HAND SINK.
28. NEW REFRIGERATOR. AMANA MODEL [illegible]
29. PROVIDE 30" X 72" WALL MOUNTED MIRROR. TEMPERED GLASS AND POLISHED EDGES.
30. PROVIDE LG [illegible] 42" [illegible] HD FLATSCREEN TV MOUNTED TO SOLID BLOCKING WITH SWIVELING WALL MOUNT

GENERAL NOTES - NEW WORK

1. ALL DIMENSIONS SHOWN ARE TO FACE OF MASONRY, SHEATHING, OR G.W.B. UNLESS NOTED OTHERWISE. CONTRACTOR VERIFY ALL EXISTING DIMENSIONS.
2. ALL NEW INTERIOR GWB WORK TO BE FILLED, SANDED, PRIMED AND PROVIDED WITH TWO FINISH COATS OF PAINT.
4. RESTORE 5 1/2" CONC. SLAB AS REQUIRED AFTER INSTALLATION OF NEW PLUMBING AND WASTE PIPING. REF. PLUMBING DRAWINGS FOR ALL LOCATIONS AND ADDITIONAL INFORMATION.



KEY PLAN - C LEVEL, BLDG. 46E

owner:
UNIVERSITY of the DISTRICT OF COLUMBIA 1851
4200 Connecticut Avenue, NW
Washington, DC 20008

RENOVATION OF GUEST ROOMS & DRESSING ROOMS AT THE CAMPUS AUDITORIUM, BUILDING 46E, UDC VAN NESS CAMPUS

BID PACKAGE - 2

INTERIOR RENOVATIONS - FRONT OF HOUSE AND BACK OF HOUSE

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m e p engineers:
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setty and associates, intl, pllc
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heller and metzger, inc.
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fax 202.234.6603

cost estimating:
aed
Advanced Engineering Design, Inc.
8525 Belcrest Road, Suite 521
Hyattsville, MD 20782
phone 301.683.2110
fax 240.465.0653

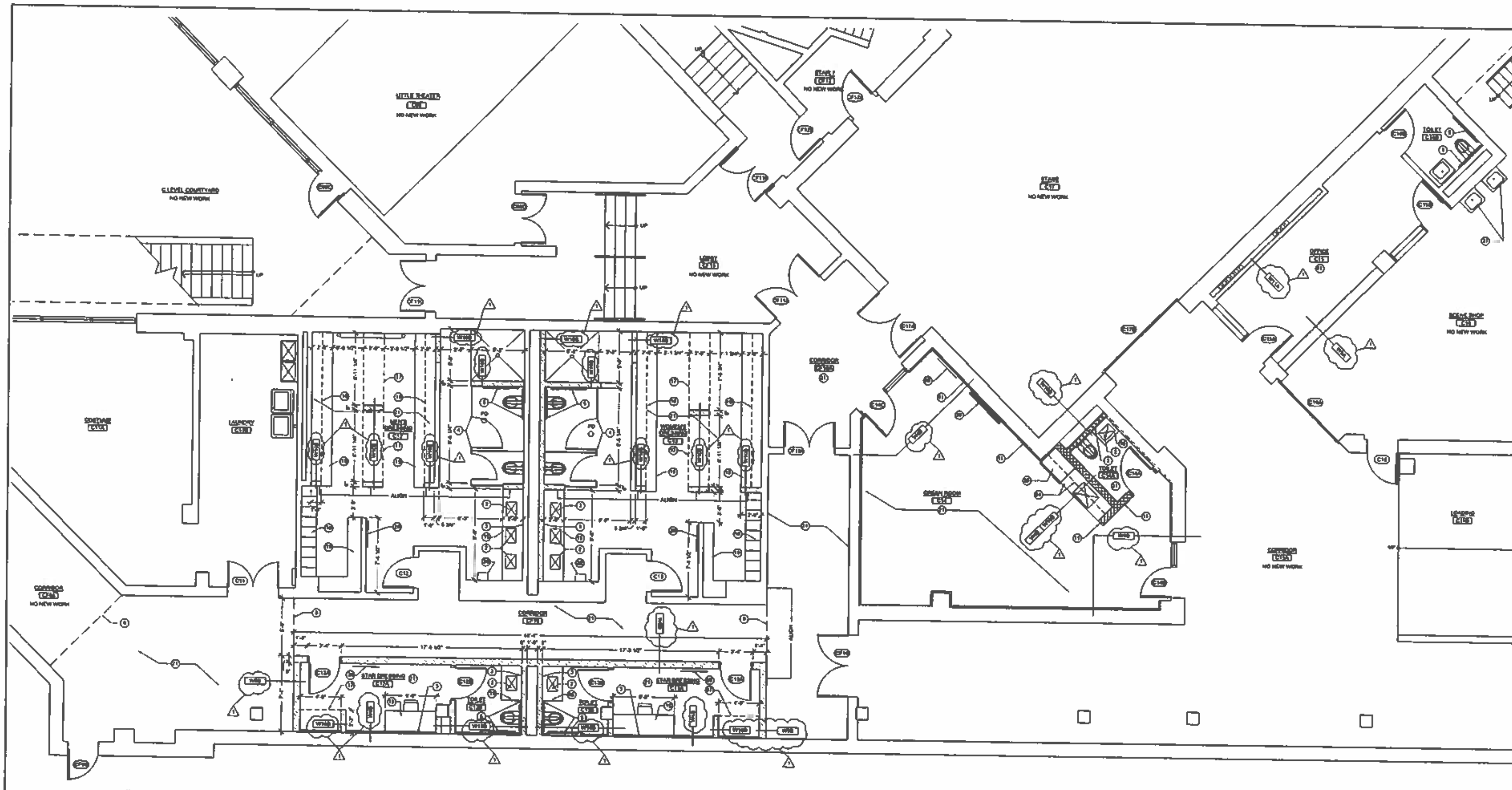
revisions:
rev date
1 AMENDMENT #2 TAK 01/07/2013

seal:

drawing title: LOBBY & REST ROOM FLOOR PLANS
scale: 1/4" = 1'-0"
drawn by: KAS
checked by: TAK
project number: 1013

AI1.1

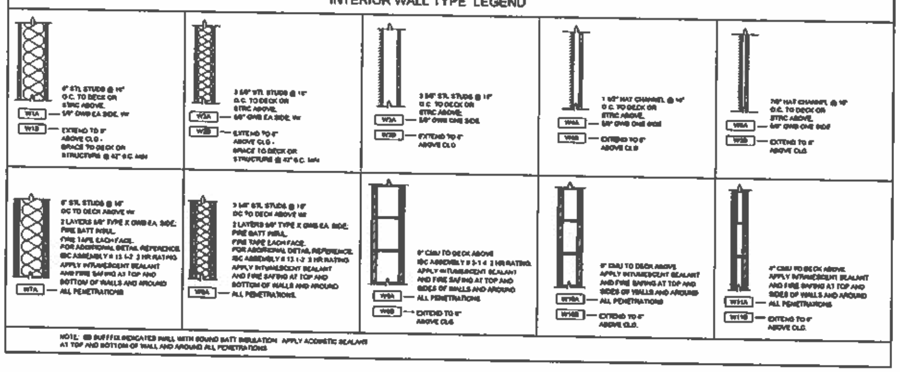
date: 10.31.2012



BACKSTAGE FLOOR PLAN - NEW WORK

SCALE: 1/4" = 1'-0"

INTERIOR WALL TYPE LEGEND



KEYNOTES - NEW WORK

1. STONE COUNTER AND BACK SPLASH MOUNTED TO STEEL ANGLE FRAME SUPPORT
2. UNDERMOUNTED LAVATORY IN COUNTER. PROVIDE ADA COMPLIANT PIPE WRAP ON ALL EXPOSED PLUMBING BELOW COUNTERS.
3. FULL HEIGHT MIRROR ABOVE BACKSPLASH.
4. CEILING HUNG STAINLESS STEEL TOILET PARTITIONS.
5. ADA COMPLIANT GRAB BARS.
6. ELECTRIC HAND DRYER.
7. WALL MOUNTED STAINLESS STEEL URINAL PARTITIONS.
8. LINE OF SOFFIT OR BULKHEAD ABOVE.
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10. 24" D BASE CABINETS W/ STONE COUNTER.
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12. UNDER-COUNTER BAR EQUIPMENT W/ STONE COUNTER ABOVE.
13. STONE CONCESSION BAR COUNTER.
14. RECESSED WATER COOLER.
15. SOLID SURFACE COUNTER AND BACK SPLASH MOUNTED TO STEEL ANGLE FRAME SUPPORT
16. 12" DEEP WALL MOUNTED P-LAM SHELVING ABOVE DRESSING TABLES
17. 24" DEEP P-LAM SHELVING ABOVE WALL MOUNTED COSTUME HANGING ROD
18. NEW DRESSING ROOM LOCKERS.
19. NEW STAIN GRADE WOOD BENCH. STAIN AND SEAL.
20. SURFACE MOUNTED PAPER TOWEL DISPENSER AND TRASH RECEPTACLE.
21. PAINT EXISTING AND NEW WALLS IN DESIGNATED ROOMS.
22. SANITARY PRODUCT DISPENSER.
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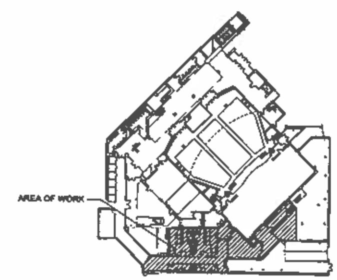
28. NEW REFRIGERATOR. [illegible] MODEL [illegible]
29. PROVIDE 24" X 72" WALL MOUNTED MIRROR, TEMPERED GLASS AND POLISHED EDGES
30. PROVIDE LG [illegible] 42" LCD HD FLATSCREEN TV MOUNTED TO SOLID BLOCKING WITH SWIVELING WALL MOUNT.

GENERAL NOTES - NEW WORK

1. ALL DIMENSIONS SHOWN ARE TO FACE OF MASONRY, SHEATHING, OR G.W.B. UNLESS NOTED OTHERWISE. CONTRACTOR VERIFY ALL EXISTING DIMENSIONS.
2. ALL NEW INTERIOR GWB WORK TO BE FILLED, SANDED, PRIMED AND PROVIDED WITH TWO FINISH COATS OF PAINT.
3. RESTORE 5 1/2" CONC. SLAB AS REQUIRED AFTER INSTALLATION OF NEW PLUMBING AND WASTE PIPING. REF. PLUMBING DRAWINGS FOR ALL LOCATIONS AND ADDITIONAL INFORMATION



KEY PLAN - C LEVEL, BLDG. 46E

N.T.S.

owner:

UNIVERSITY of the DISTRICT OF COLUMBIA 1851

4200 Connecticut Avenue, NW
Washington, DC 20008

RENOVATION OF GUEST ROOMS & DRESSING ROOMS AT THE CAMPUS AUDITORIUM, BUILDING 46E, UDC VAN NESS CAMPUS

BID PACKAGE - 2

INTERIOR RENOVATIONS - FRONT OF HOUSE AND BACK OF HOUSE

architect:

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3612 Van Ness Street NW
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fax 202.248.2502

building envelope engineers:

sgh

simpson gumpertz & heger, inc.

1828 L Street, NW
Washington, DC 200[illegible]
phone 202 2[illegible]
fax 202 2[illegible]

m e p engineers:

sai

setty and associates, intl, pllc

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phone 202.393.1523
fax 202.315.3650

specifications:

h&m

heller and metzger, inc.

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Washington, DC 20036
phone 202.364.2222
fax 202.234.6502

cost estimating:

aed

Advanced Engineering Design, Inc.

6525 Belcrest Road, Suite 521
Hyattsville, MD 20782
phone 301.683.2110
fax 240.465.0653

revisions:

rev		date
1	AMENDMENT #2 JAK	01/07/2013

seal:

drawing title: BACKSTAGE FLOOR PLANS - NEW

scale: 1/4" = 1'-0"

drawn by: KAS

checked by: JAK

project number: 1013

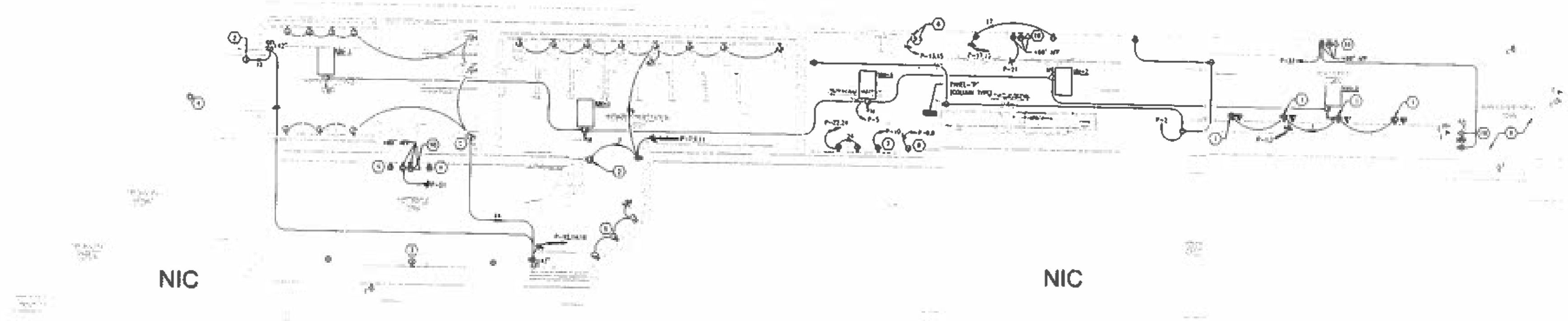
AI1.5

date: 10.31.2012

TOILET ACCESSORY SCHEDULE

SYMB.	MANUFACTURER	MODEL
PT-I	BOBRICK	B-36903
SD-1	BOBRICK	B-8263
SD-2	N.A.	N.A.
SD-3	BOBRICK	B-4112
TPD-1	BOBRICK	B-4288 AND B4221
TPD-2	BOBRICK	B-4288 AND B4221
SPD-1	BOBRICK	B-4706
SNR-1	BOBRICK	B-4354
HD-1	BOBRICK	B-7128 115 (DELETE DYSON H.D.)
BABY CHANGING	BOBRICK	KB-110-SSWM
GRAB BARS	BOBRICK	B-5806 (1 EA @ 36" AND 42")
T-1	DELETE SYMBOL	N.A.

PROJECT: CAMPUS AUDITORIUM BUILDING 46E, UDC VAN NESS CAMPUS	PROJECT NO: 1013
KAMM ARCHITECTURE	SHEET: AR3
3812 VAN NESS STREET NW , WASHINGTON, DC 20016 P 202.249.2901 F 202.249.2902	DATE: 01/07/2013



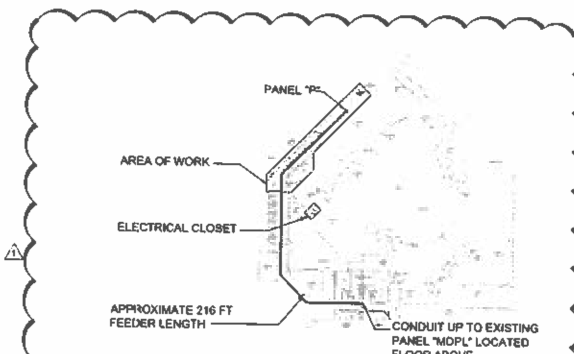
1 LOBBY & RESTROOM - POWER PLAN - NEW WORK
EP2.1 SCALE 1/4" = 1'-0"

GENERAL NOTES
1 REFER TO DRAWING E0.1 FOR ELECTRICAL GENERAL NOTES, GENERAL DEMOLITION NOTES, LEGEND AND ABBREVIATIONS. REFER TO DRAWING E3.1 FOR PARTIAL POWER RISER DIAGRAM AND PANELBOARD SCHEDULES.
2 IN SCOPE OF WORK AREA, ALL ELECTRICAL DEVICES SHOWN WITH A SUBSCRIPT LETTER "E" ARE EXISTING TO REMAIN AND WITH OR WITHOUT "N" ARE NEW TO BE PROVIDED.
3 PROVIDE NEW BRANCH CIRCUIT WIRING AS SHOWN TO ACCOMMODATE NEW CONSTRUCTION.
4 REFER TO ARCHITECTURAL DRAWINGS, ELEVATION AND DETAILS FOR EXACT LOCATION OF ELECTRICAL DEVICES.
5 REFER TO MECHANICAL AND PLUMBING DRAWINGS FOR EXACT MECHANICAL AND PLUMBING EQUIPMENT LOCATIONS.

KEYED NOTES
(1) FURNITURE MOUNTED POWER/COMMUNICATION OUTLET. COORDINATE WITH ARCHITECT FOR EXACT LOCATION AND MOUNTING HEIGHT PRIOR TO INSTALLATION.
(2) FOR ELECTRIC HAND DRYER. RUN 2#10 + 1#10 GND IN 3/4" C. TO PANEL INDICATED. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION AND COMPONENT HEIGHT PRIOR TO ROUGH-IN AND WIRING.
(3) JUNCTION BOX FOR EWC. RECONNECT TO THE EXISTING CIRCUIT. CONTRACTOR TO TRACE EXISTING CIRCUIT & REPLACE EXISTING BREAKER TO GFI C.B.
(4) NEW OUTLET AT EXISTING LOCATION OF EXISTING OUTLET TO BE REPLACED. RECONNECT THE EXISTING CIRCUIT IN PLACE.
(5) JUNCTION BOX POWER CONNECTION TO TOILETS FLUSH & SINK SENSORS. PROVIDE FINAL CONNECTION TO EACH UNIT AS REQUIRED.
(6) JUNCTION BOX UNDER COUNTER FOR GARBAGE DISPOSER (3HP-208V,1Ø) AND MANUAL CONTROL SWITCH, MOUNTING @ 42" AFF. COORDINATE WITH ARCHITECT FOR EXACT LOCATION, MOUNTING HEIGHT AND CONTROL REQUIREMENTS PRIOR TO INSTALLATION.
(7) RECEPTACLE FOR REACH-IN REFRIGERATOR. COORDINATE WITH EQUIPMENT VENDOR FOR EXACT NEMA CONFIGURATION PRIOR TO INSTALLATION.
(8) RECEPTACLE FOR ICE MAKER. COORDINATE WITH EQUIPMENT VENDOR FOR EXACT NEMA CONFIGURATION PRIOR TO INSTALLATION.
(9) UNLESS OTHERWISE NOTED, ALL EXISTING ELECTRICAL & TELECOM DEVICES IN THIS ROOM ARE TO REMAIN IN PLACE.
(10) FINAL COORDINATION WITH ARCHITECT AND AV VENDOR FOR ALL WIRING REQUIREMENTS FROM ALL TV LOCATIONS TO THE MANAGER OFFICE.

UNLESS OTHERWISE NOTED ALL ELECTRICAL DEVICES SHOWN ON PLAN ARE NEW TO BE PROVIDED

2 ENLARGED ELECTRICAL ROOM
EP2.1 SCALE 1/4" = 1'-0"



3 KEY PLAN
EP2.1 SCALE NTS

owner:
University of the District of Colu[mbia]
PROJECT OF-2010-C-00[...]
RENOVATION OF RESTR[OOMS] AND DRESSING ROOMS [...] THE CAMPUS AUDITORI[UM] BUILDING 46E OF THE VAN NESS CAMPUS, UDC

architect:
KAMI ARCHITECTU[RE]
3612 Van Ness Str[eet] Washington, DC phone 202.24[...] fax 202.24[...]

building envelope engineer:
sg
simpson gumpertz & heg[er]
phon[e] fax

m e p engineer:
setty and associates, ltd
5185 MacArthur Blvd Suit[e] Washington, DC phone 202.293[...] fax 202.318[...]

specifications:
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heller and metzger
11 DuPont Circle NW, Suit[e] Washington, DC phone 202.264[...] fax 202.234[...]

cost estimating:
ae[d]
Advanced Engineering Desig[n]
6525 Belcrest Road, Suit[e] Hyattsville, MD 2[...] phone 301.683.[...] fax

revisions:
rev	date
100% Submission	08.03.[...]
Final Submission	10.31.[...]
1 Amendment 2	01.07.[...]

seal:

drawing title: LOBBY & RESTROOM - POWER PLAN - NEW [WORK]
scale:
drawn by:
checked by:
project number:

EP2.[1]
date: 04.16.2[...]

GF-2013-B-0082
AUDITORIUM BUILDING 46E
GUEST ROOMS AND DRESSING ROOMS RENOVATION

ATTACHMENT B
(ADDITIONS & MODIFICATIONS)
TO AMENDMENT 003

GF-2013-B-0082

AUDITORIUM BUILDING 46E, GUEST ROOMS AND DRESSING ROOMS RENOVATION

ATTACHMENT B (Additions and Modifications)

TO AMENDMENT 003

1. **ADD** scope of work depicted on attached Sketch AR1, dated 01/07/2013, to Package 2. Work includes installation of temporary door to provide access to backstage swing space in Building 32.

2. **ADD** the following scope of work to Package 2: relocate and store existing systems furniture in Building 32, Rooms C10 and C11, to the north half of Room C10 to provide clear backstage swing space for Auditorium Building 46E. At completion of project restore systems furniture to the current layout and condition. Provide dust protection for furniture during construction. Refer to attached OTJ Architects drawing A3.0, dated 04/28/10, for existing layout of systems furniture.

3. **ADD** scope of work depicted on attached Sketch AR2, dated 01/07/2013, to Package 2. Work includes installation of temporary partition to maintain access between Building 46W and 46E and installation of new ACP ceiling in Corridor CF06 at completion of waterproofing.

4. **ADD** Specification Section 07 9513-Expansion Joint Cover Assemblies to Package 1 project manual.

5. **ADD** Specification Section 08 3300-Coiling Grilles to Package 2 project manual. Provide motorized coiling grilles above Box Office and Concession areas.

6. **ADD** Specification Section 10 1405-Exterior Signage to Package 1 project manual.

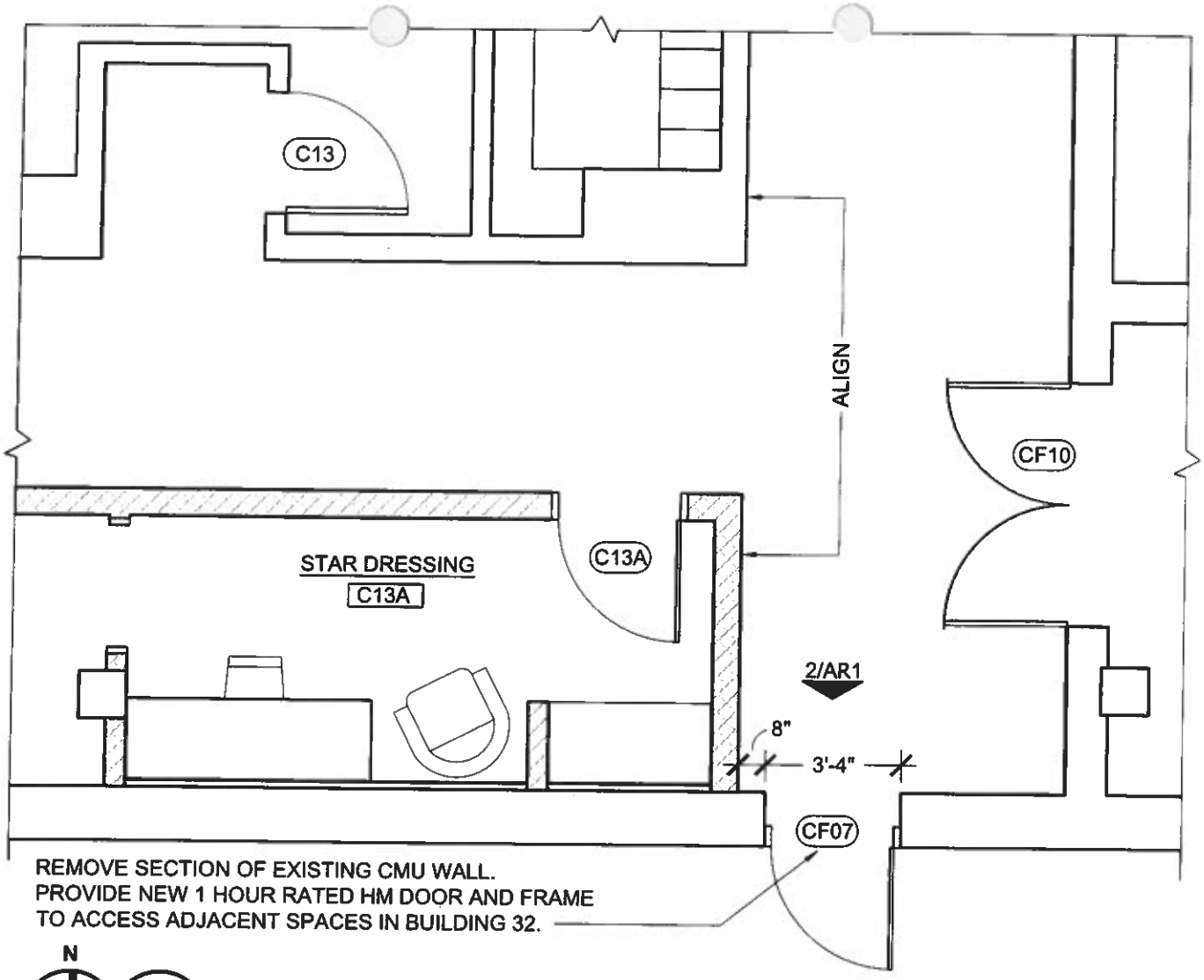
7. **ADD** to Package 2 scope of work: All new telecom lines shall be CAT-6 to meet UDC standards.

8. **ADD** to Package 2 scope of work: Provide two (2) new voice and data outlets in concession area for phone and point-of-sale equipment.

9. **ADD** to Package 2 scope of work: Contractor shall tag all new voice and data cabling.

10. **ADD** to Package 2 scope of work: Provide allowance for installing 24" wide x 8" deep thickened slab below all new CMU partitions in Star Dressing Rooms C12A and C13A. Provide 2 #5 bars continuous reinforcement at bottom of thickened slab.

11. **ADD** to Package 2 scope of work: All new concrete slabs, including new thickened slabs referenced above, shall be dowelled into existing slabs with #5 x 18" bars at 32" O.C., imbedded into existing slab 9".

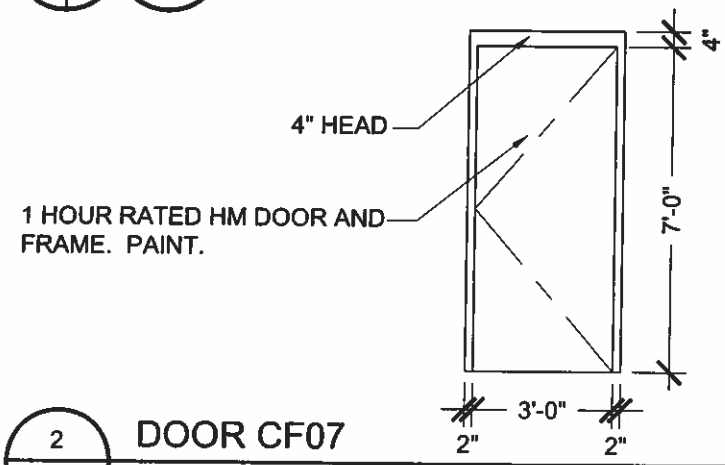


N

1 / AR1

PARTIAL BACKSTAGE FLOOR PLAN

SCALE: 1/4"=1'-0"



NOTE: AT COMPLETION OF PROJECT, REMOVE DOOR CF07, INFILL CMU PARTION, AND RESTORE WALL TO EXISTING CONDTION ON BOTH SIDES. PAINT.

PROVIDE:

HARDWARE SET 9 - OFFICE W/ CLOSER

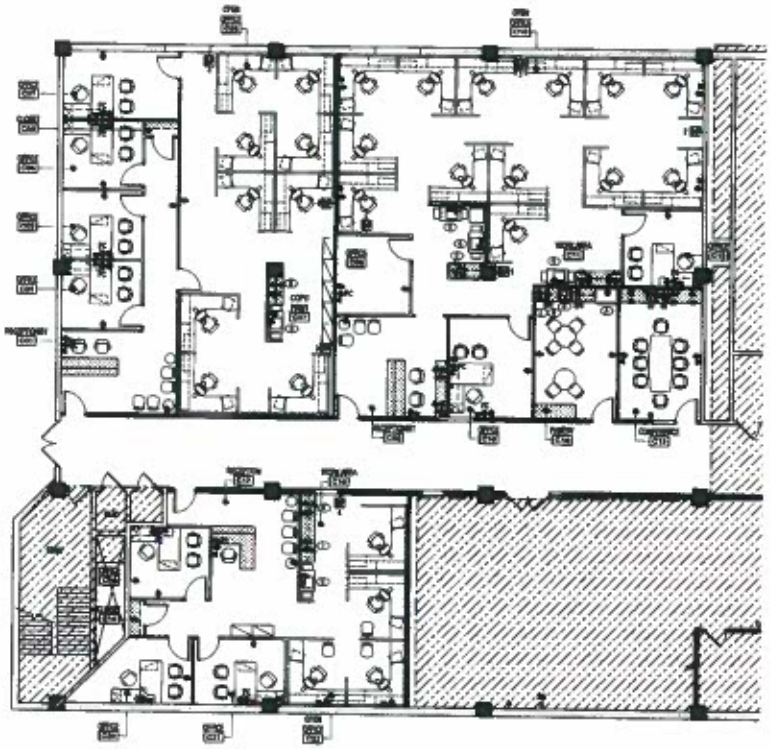
HINGES:	1 1/2 PAIR HAGER BB1168 5" X 4"
LOCK :	SCHLAGE L9050- 630 OFFICE
TRIM:	SCHLAGE LEVER 02-630, ROSE A-630
DEADBOLT:	SCHLAGE I9463-630
CLOSER:	NORTON 8300 ARCHITECTURAL
STOP:	IVES FS13-US32D

2 / AR1

DOOR CF07

SCALE: 1/4"=1'-0"

PROJECT:	CAMPUS AUDITORIUM BUILDING 46E, UDC VAN NESS CAMPUS	PROJECT NO:	1013
KAMM ARCHITECTURE		SHEET:	AR1
3812 VAN NESS STREET NW , WASHINGTON, DC 20016 P 202.249.2901 F 202.249.2902		DATE:	01/07/2013



POWER & SIGNAL PLAN NOTES

GENERAL NOTES

1. THE HANGER HEIGHT TO A DEVICE SHOWN, INDICATES THE INSTALLATION HEIGHT ABOVE FINISH FLOOR MEASURED TO CENTERLINE OF DEVICE. 'F' SHALL HAVE EQUIVALENT MEANING. THE DEVICE IS TO BE MOUNTED AT ANY ABOVE FINISHED FLOOR.
2. ALL REMAINING OUTLETS ARE TO HAVE CIRCUITS & CONNECTIONS RE-ESTABLISHED AS NO EXISTING OUTLETS ABANDONED OVER. REFER TO ELECTRICAL PLAN FOR DEMOLITION.
3. FOR SPACE CONFIGURATION REFER TO THE TELECOMMUNICATIONS PLAN LEGEND.
4. FOR OUTLET LOCATIONS, TELEPHONE/DATA/TELEVISION/ACCESS PLAN IMPLEMENTATION. SEE ELECTRICAL PLAN.
5. ALL NEW OUTLETS ABOVE MILLWORK ARE TO BE MOUNTED HORIZONTALLY.
6. FOR POWER REQUIREMENTS FOR ALL EQUIPMENT & APPLIANCES, REFER TO EQUIPMENT & APPLIANCES.
7. AT LOCATIONS WHERE ABOVE WALL CONDUIT WITH CEILING OUTLETS TO REMAIN, THE CONTRACTOR TO RELOCATE THE OUTLET AS REQUIRED TO AVOID NEW CONSTRUCTION.
8. PERIMETER WALL CORE WALLS, PILASTERS, AND OTHER GRAPHIC REPRESENTATIONS WHICH SPACES CANNOT BE INSTALLED ARE TO BE PLACED TO MAINTAIN A PLEASING PROPORTION AND ARRANGEMENT ACCOMMODATE INSTALLATION OF WALL DEVICES IN LOCATIONS SHOWN ON THIS PLAN.
9. ALL DEVICES SHOWN RECESSED ARE TO BE INSTALLED EQUALLY SPACED APPROXIMATELY (EQUAL) SPACES, UNLESS OTHERWISE NOTED.
10. SEE TELEPHONE/DATA/ELECTRICAL LOCATIONS SHALL BE COORDINATED PRIOR TO WALL CLOSE UP TO VERIFY LOCATIONS DO NOT CONFLICT WITH FURNISHINGS PLACEMENT.
11. SEE TELEPHONE/DATA/ELECTRICAL LOCATIONS SHALL BE COORDINATED PRIOR TO WALL CLOSE UP TO VERIFY LOCATIONS DO NOT CONFLICT WITH FURNISHINGS PLACEMENT.
12. OUTLETS INDICATED ON PLAN ARE THE MINIMUM QUANTITIES FOR THIS SPACE. SEE SHALL REVIEW LOCATIONS OF ALL EXISTING OUTLETS AND COORDINATE AS NECESSARY WITH THOSE ON PLAN. SEE SHALL PROVIDE NEW OUTLETS AS NECESSARY AND TERMINATE EXISTING WIRING WITH NEW DEVICE.
13. ALL EMERGENCY TELEPHONE RUNS AND TERMINATIONS SHALL BE REQUIRED BEARING HOUSING COVER PLATE, WHICH SHALL TO LIKE NEW CONDITION. WHERE ALL NEW CEILING SHALL BE "REMOVED," CLARIFICATIONS FROM THE RUN ABOVE ARE HANGING TO SUITABLY CEILING SUPPORTS.
14. ALL ABANDONED ELECTRICAL OUTLETS SHALL MAKE THEM BE REMOVED TO THEIR RUNS. REMOVE BOX AND COVER PLATE, WHICH SHALL TO LIKE NEW CONDITION.
15. CONSTRUCTION CABLE/WIRING SHALL MAKE THEM BE A WALL OUTLOOK PENETRATION MUST BE SEALED IN CONDUIT.
16. CONNECTION CABLE/WIRING SHALL MAKE THEM BE A CONDUIT INSTALLATION, NEEDS.
17. NEWLY INSTALLED CABLE/WIRING MUST BE CLEARLY AND PROFESSIONALLY LABELED IDENTIFYING THE USES AND INSTALLED.
18. DO NOT INSTALL DATA, POWER, OR AMP OTHER MISC. JUNCTION BOXES BACK TO BACK. STAGGER INSTALLATION, ALL LOCATIONS.

POWER & SIGNAL PLAN NOTES

INSTALLATION

19. ELECTRICAL EQUIPMENT IDENTIFICATION - SUPPLY SELF-ADHESIVE, ENGRAVED, LAMINATED ACRYLIC, OR MELAMINE LABEL, ADHERING MORE, WITH WHITE LETTERS ON A BLACK BACKGROUND TO IDENTIFY PANELS AS INDICATED PER PANEL SCHEDULE.
20. PANEL SCHEDULE - SUPPLY SELF-ADHESIVE, ENGRAVED, LAMINATED ACRYLIC, OR MELAMINE LABEL, ACRYLIC MOUNTED, WITH WHITE LETTERS ON A BLACK BACKGROUND, TYPE WRITTEN PANEL SCHEDULES INDICATING CIRCUIT, EQUIPMENT, AND OR APPLIANCE SERVED FOR ALL CIRCUITS. ENSURE INTERRUPTION OF ALL CIRCUITS TO PANEL.
21. COORDINATE EXHAUST LOCATIONS OF OFFICE OUTLETS WHERE WITH ARCHITECT AND TELEPHONE VENDOR.
22. SEE TELEPHONE/DATA/ELECTRICAL LOCATIONS SHALL BE COORDINATED PRIOR TO WALL CLOSE UP TO VERIFY LOCATIONS DO NOT CONFLICT WITH FURNISHINGS PLACEMENT.
23. ENSURE CONFIGURATIONS ARE TO BE ADHERED OR REPRESENTATIVE PLANS WITH PERIMETER REQUIREMENTS AND CODES.
24. REFER TO DRAWINGS ELECTRICAL DRAWINGS FOR FURTHER NOTES.

EQUIPMENT AND APPLIANCE LEGEND

- (A) [illegible] - HOT LINES
- (B) [illegible] - HOT LINES
- (C) [illegible] - HOT LINES
- (D) [illegible] - HOT LINES
- (E) [illegible] - HOT LINES
- (F) [illegible] - HOT LINES
- (G) [illegible] - HOT LINES
- (H) [illegible] - HOT LINES

POWER & SIGNAL PLAN LEGEND

- ⊕ NEW DEDICATED DUPLEX ELECTRICAL OUTLET, 120 VOLT
- ⊕ NEW DUPLEX ELECTRICAL OUTLET
- ⊕ NEW QUADRUPLEX ELECTRICAL OUTLET
- GFI INDICATES GROUND FAULT INTERRUPTED RECEPTACLE
- PC INDICATES OUTLET FOR COMPUTER (NO MORE THAN 4 PER CIRCUIT)
- SM INDICATES SURFACE MOUNTED OUTLET
- T NEW TELEPHONE/DATA RECEPTACLE. CONTRACTOR TO PROVIDE SINGLE GANG RING & TWO PULL STRINGS, BE INSULATED WITH INSULATION, PROVIDED (1) 1" CONDUIT STUBBED ABOVE WALL. CABLING & CONNECTORS ARE TO BE PROVIDED AND INSTALLED BY TENANT'S TELECOM'S VENDOR.
- T NEW TELEPHONE RECEPTACLE. CONTRACTOR TO PROVIDE SINGLE GANG RING & PULL STRING. CABLING & CONNECTORS ARE TO BE PROVIDED AND INSTALLED BY TENANT'S TELECOM'S VENDOR.
- EXISTING RECEPTACLES TO REMAIN.
- NEW DUPLEX DATA RECEPTACLE MOUNTED ABOVE CEILING TO DECK. COORDINATE LOCATION IN FIELD WITH ARCHITECT.
- NEW COMBINATION DATA/TELEPHONE/ACCESS RECEPTACLE FOR FLUSHFLOOR MOUNTED SYSTEMS. TRADES FLOOR MOUNTED ASSEMBLY FIELD TO ACCOMMODATE FURNISHINGS AND SYSTEM. TRIM, APPROVAL OF THIS FURNITURE TYPE SERVICE SHALL BE WITNESSED BY ELECTRICAL CONSTRUCTION CONTRACTOR, BEFORE TO ELECTRICAL ENGINEER'S DRAWINGS FOR SPECIFICATIONS AND/OR SHOP DRAWINGS. MARKED PURCHASE FIXED JUNCTION BOX BY CONTRACTOR LOCATION BY TELECOM'S VENDOR(S). CONTRACT WITH ARCHITECT FOR FINISH SELECTION.
- INDIVIDUAL LAMP WHERE FIXED FOR WORKSURFACES. PROVIDE WIRELESS TO MATCH FIXED, FINISH, THROUGH FURNISHING FEED IN ALL PRE-PUNCH WALLS EXPOSED CONDUCTOR WIRE RECEIVED, ADHESIVE BACKED, AND TELEPHONE VENDOR, INDICATES NUMBER OF EXISTING WIRES. SECTION DIMENSIONS FOR CIRCUITING AND WIRING, EXACT LOCATIONS SHALL BE FINALIZED BY FURNITURE VENDOR IN FIELD. CONTRACTOR IS EXCEPTIONALLY FOR CONNECTION OF EQUIPMENT.
- NEW FLOOR MOUNT BASE FEED FOR WORKSTATIONS. PROVIDE WIRELESS TO MATCH FIXED, FINISH, THROUGH FURNISHING FEED EXPOSED CONDUCTOR WIRE RECEIVED, ADHESIVE BACKED, AND TELEPHONE VENDOR, INDICATES NUMBER OF EXISTING WIRES. SECTION DIMENSIONS FOR CIRCUITING AND WIRING, EXACT LOCATIONS SHALL BE FINALIZED BY FURNITURE VENDOR IN FIELD. CONTRACTOR IS EXCEPTIONALLY FOR CONNECTION OF EQUIPMENT.
- NEW FLOOR MOUNT BASE FEED FOR WORKSTATIONS. PROVIDE WIRELESS TO MATCH FIXED, FINISH, THROUGH FURNISHING FEED EXPOSED CONDUCTOR WIRE RECEIVED, ADHESIVE BACKED, AND TELEPHONE VENDOR, INDICATES NUMBER OF EXISTING WIRES. SECTION DIMENSIONS FOR CIRCUITING AND WIRING, EXACT LOCATIONS SHALL BE FINALIZED BY FURNITURE VENDOR IN FIELD. CONTRACTOR IS EXCEPTIONALLY FOR CONNECTION OF EQUIPMENT.
- NEW CEILING MOUNT BASE FEED FOR WORKSTATIONS. PROVIDE WIRELESS TO MATCH FIXED, FINISH, THROUGH FURNISHING FEED EXPOSED CONDUCTOR WIRE RECEIVED, ADHESIVE BACKED, AND TELEPHONE VENDOR, INDICATES NUMBER OF EXISTING WIRES. SECTION DIMENSIONS FOR CIRCUITING AND WIRING, EXACT LOCATIONS SHALL BE FINALIZED BY FURNITURE VENDOR IN FIELD. CONTRACTOR IS EXCEPTIONALLY FOR CONNECTION OF EQUIPMENT.
- NEW CEILING MOUNT BASE FEED FOR WORKSTATIONS. PROVIDE WIRELESS TO MATCH FIXED, FINISH, THROUGH FURNISHING FEED EXPOSED CONDUCTOR WIRE RECEIVED, ADHESIVE BACKED, AND TELEPHONE VENDOR, INDICATES NUMBER OF EXISTING WIRES. SECTION DIMENSIONS FOR CIRCUITING AND WIRING, EXACT LOCATIONS SHALL BE FINALIZED BY FURNITURE VENDOR IN FIELD. CONTRACTOR IS EXCEPTIONALLY FOR CONNECTION OF EQUIPMENT.
- NEW CABLE LINE, ABOVE CEILING RECEPTACLE. CONTRACTOR TO PROVIDE SINGLE GANG RING & PULL STRING. CABLING & CONNECTORS ARE TO BE PROVIDED AND INSTALLED BY TENANT'S CABLE VENDOR.
- NEW JUNCTION BOX. CONTRACTOR TO PROVIDE SINGLE GANG RING & PULL STRING.
- NEW CARD READER. COORDINATE LOCATION WITH TENANT'S VENDOR. CONTRACTOR TO INSTALL CONDUIT AND STUBS.
- NEW PAC STRAINGAUGE. COORDINATE WITH BUILDING AND ARCHITECT.

OTJ ARCHITECTS
1412 Eye Street, NW
202.621.1600
Washington, DC 20005
202.621.1601
www.otj.com

UDC - Building 32 C-Level
4200 Connecticut Avenue
Washington, DC 20008

MEP Engineer:
Selby & Associates, Ltd.
3040 Williams Drive, Suite 600
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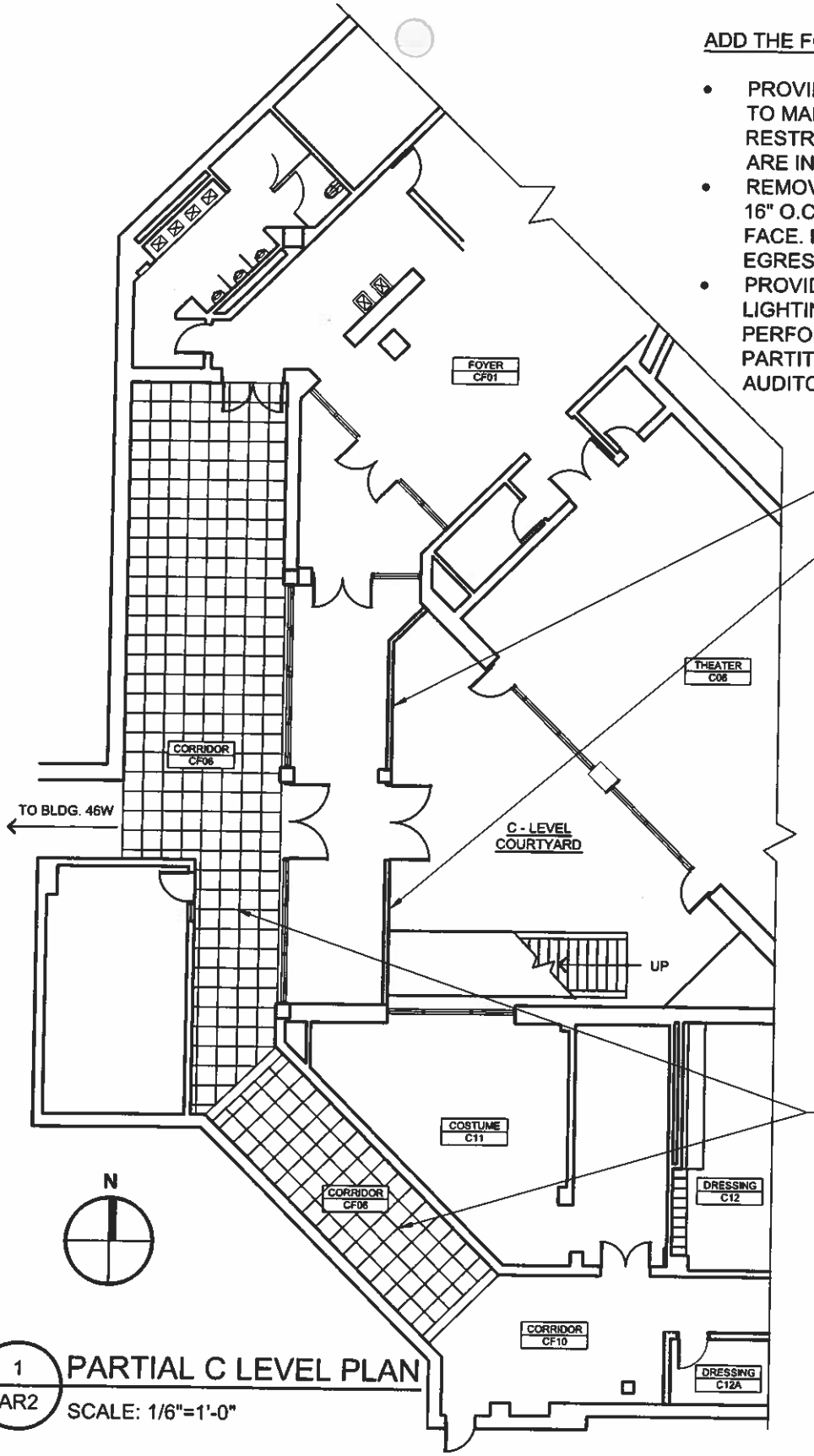
T: 703.691.2115
F: 703.691.8084

05/27/10 ISSUE FOR PERMIT & PRICING

Power and Signal Plan

A3.0

1/8" = 1'-0"



ADD THE FOLLOWING:

- PROVIDE TEMPORARY PARTITION AS REQUIRED TO MAINTAIN ACCESS TO BULIDNG 46W RESTROOMS WHILE AUDITORIUM RESTROOMS ARE INOPERATIVE.
- REMOVABLE PANELS ARE FRAMED WITH 2 X 4 @ 16" O.C. WITH 5/8" EXTERIOR GRADE PLY ON ONE FACE. PROVIDE SIMILARLY FRAMED DOORS FOR EGRESS.
- PROVIDE TEMPORARY SPACE HEAT AND LIGHTING IN NEW COORIDOR WHILE IN USE FOR PERFORMANCES. COORDINATE SCHEDULING OF PARTITION WITH UDC PROJECT MANAGER AND AUDITORIUM STAFF.

ADD THE FOLLOWING:

- PROVIDE NEW CEILING GRID AND 24" X 24" ACP #1 IN CORRIDOR CF06 AFTER COMPLETION OF B LEVEL PLAZA WATERPROOFING.
- REINSTALL EXISTING LIGHTING AND HVAC FIXTURES IN LOCATIONS TO MATCH EXISTING CEILING LAYOUT.

1 / AR2 PARTIAL C LEVEL PLAN

SCALE: 1/6"=1'-0"

PROJECT: CAMPUS AUDITORIUM BUILDING 46E, UDC VAN NESS CAMPUS	PROJECT NO: 1013
KAMM ARCHITECTURE	SHEET: AR2
3812 VAN NESS STREET NW , WASHINGTON, DC 20016 P 202.249.2901 F 202.249.2902	DATE: 01/07/2013

SECTION 07 9513

EXPANSION JOINT COVER ASSEMBLIES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Description of Work: Work of this Section includes, but is not limited to, the following:
1. Treatment of interior and exterior expansion joint conditions.

B. Products Furnished But Not Installed Under This Section: Provide templates for cast-in-place anchors where required.

1.3 RELATED WORK SPECIFIED ELSEWHERE

A. See Division 07 Section HOT FLUID-APPLIED RUBBERIZED ASPHALT WATERPROOFING for expansion joint in conjunction with hot fluid-applied waterproofing system.

1.4 SUBMITTALS

A. Product Data: Submit manufacturer's specifications, anchorage details and installation instructions for expansion joint materials.

B. Shop Drawings: Submit Shop Drawings showing installation and connections of expansion joint conditions, including adjacent construction.

1.5 QUALITY ASSURANCE

A. Fabricator and Installer Qualifications: Not less than 5 years documented, successful experience with work comparable to Work of this Project.

B. Regulatory Requirements: Conform to applicable requirements of authorities having jurisdiction over Project.

PART 2 - PRODUCTS

2.1 PRODUCTS AND MANUFACTURERS

A. Acceptable Products and Manufacturers:
1. Listed products establish standard of quality and are manufactured by **C/S Group, Muncy, PA.**
2. Equivalent products by the following are acceptable:
a. Watson Bowman Acme, subsidiary of BASF.

b. Balco, Inc., Wichita, KS.

2.2 MATERIALS

A. Aluminum:
1. ASTM B221 alloy 6063-T5 for extrusions; ASTM B209 alloy 6061-T6 for sheet and plate.
2. Apply manufacturer's standard protective coating on aluminum surfaces to be placed in contact with cementitious materials.
3. Finishes: Provide the following finishes, as specified below for each system.
   a. Mill: Expansion joint cover manufacturer's standard mill finish.

B. Flexible Seals:
1. Exposed (primary) seals:
   a. Preformed thermoplastic rubber (Santoprene or Elastoprene) extrusions having internal baffle system in sizes and profiles as recommended by manufacturer, and complying with ASTM E1783; used with compatible frames, flanges, and molded anchor blocks.
   b. Polyvinyl chloride is acceptable in lieu of thermoplastic rubber for interior expansion joint covers only.
   c. Color: To be selected by Architect from manufacturer's full color range.
2. Concealed (secondary) seals: Preformed thermoplastic rubber, neoprene, or EPDM; in sizes and profiles as recommended by manufacturer; used with compatible frames, flanges, and molded anchor blocks.
3. Provide with shop-fabricated, heat-welded transitions as required to provide complete watertight system.

C. Elastomeric Concrete: Modified epoxy or polyurethane extended into a prepackaged aggregate blend, specifically designed for bonding to concrete substrates.

D. Joint Fillers:
1. Preformed, compressible, resilient, closed cell neoprene foam rod.
2. Accommodates up to 7/8 inch (21 mm) joint movement.
3. Acceptable product and manufacturer: Equivalent to Robseal #300 by BASF.

2.3 EXTERIOR EXPANSION JOINT COVERS

A. Expansion Joint Cover:
1. Type: Exterior curb-to-curb.
2. Materials:
   a. Extruded aluminum frame.
   b. Continuous flat thermoplastic rubber exposed seal.
   c. Continuous corrugated flexible concealed seal.
3. Acceptable products and manufacturers: Equivalent to SF-200 by C/S Group, Muncy, PA.

2.4 ACCESSORIES

A. Expanding Foam Sealer:
1. Preformed, precompressed, open-cell urethane foam, impregnated with a water-based acrylic-modified asphalt emulsion; factory-produced in precompressed sizes and in roll or

stick form to fit joint widths indicated, depth as recommended by manufacturer for size of joint.

2. Properties: Permanently elastic, mildew-resistant, nonmigratory, nonstaining and compatible with joint substrates; suitable for primary waterproofing of joint.
   a. 50% movement capability (+25%, -25%).
   b. Density:
      1) Uncompressed: 9-10 pcf (145-160 kg/m;).
      2) Compressed to 25% of uncompressed width: 36-40 pcf (576-640 kg/m;).
   c. Temperature stability, when tested in accordance with ASTM C711: -40 deg F to +185 deg F (-40 deg C to +85 deg C).
   d. Low temperature flexibility, when tested in accordance with ASTM C711, at -10 deg F to +32 deg F (-23 deg C to +0 deg C): No splitting or cracking.
   e. Bleeding: None, from -40 deg F to +185 deg F (-40 deg C to +85 deg C).
   f. Tensile strength, when tested in accordance with ASTM D3574: 21 psi (145 kPa).
   g. Resistance to compression set, when tested in accordance with ASTM D3574: 3% maximum.
3. Provide with sealer manufacturer's recommended primers, adhesives, and topcoating.
4. Acceptable products and manufacturers: Equivalent to Colorseal by Emseal Joint Systems Ltd.
5. Locations: As indicated on Drawings.

B. Provide anchors, fasteners, mastics and sealers as recommended by expansion joint cover manufacturer and as required for complete installation.

2.5 FABRICATION

A. Fabricate units in longest practical lengths, without intermediate joints.

B. Apply shop coat of manufacturer's standard protective primer to concealed metal surfaces which will be in contact with concrete or masonry when installed.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates and adjoining construction, and conditions under which Work is to be installed. Do not proceed with Work until unsatisfactory conditions are corrected.

3.2 INSTALLATION

A. General: Comply with manufacturer's written instructions for handling and installing architectural joint assemblies and materials, unless more stringent requirements are indicated.
   1. Prepare substrates according to architectural joint system manufacturer's written instructions.
   2. Coordinate installation of architectural joint assembly materials and associated work so complete assemblies comply with assembly performance requirements.
   3. Terminate exposed ends of exterior architectural joint assemblies with factory-fabricated termination devices to maintain waterproof system.

B. Cutting, Fitting, and Placement: Perform cutting, drilling, and fitting required to install joint systems.

1. Install joint cover assemblies in true alignment and proper relationship to joints and adjoining finished surfaces measured from established lines and levels.
2. Allow adequate free movement for thermal expansion and contraction of metal to avoid buckling.
3. Securely attach in place with required accessories.
4. Locate anchors at interval recommended by manufacturer, but not less than 3 inches (75 mm) from each end and not more than 24 inches (600 mm) o.c.

C. Continuity:
1. Maintain continuity of joint systems with a minimum number of end joints and align metal members.
2. Cut and fit ends to produce joints that will accommodate thermal expansion and contraction of metal to avoid buckling of frames.
3. Adhere flexible filler materials to frames with adhesive or pressure-sensitive tape as recommended by manufacturer.

D. Expansion Joint Covers:
1. Seals:
   a. For straight sections, provide preformed seals in continuous lengths.
   b. Install seals with minimum number of end joints.
   c. Vulcanize or heat-weld field splice joints in seal material to provide watertight joints using procedures recommended by manufacturer.
   d. Apply adhesive, epoxy, or lubricant adhesive approved by manufacturer to both frame interfaces before installing preformed seals.
2. Fill joint with expanding foam sealer.
   a. Prime substrates receiving foam sealer if recommended by manufacturer.
   b. Conform to manufacturer's recommendations.
3. Aluminum frames and covers:
   a. Provide shop-fabricated transitions and end caps.
   b. Seal butt joints with aluminum splice cover bedded in elastomeric sealant, and fastened on only one side.
4. Install factory-fabricated transitions and closures at expansion joint cover assemblies, and seal edges with sealant as recommended by expansion joint cover manufacturer, to provide continuous, uninterrupted, watertight construction.

END OF SECTION

SECTION 08 3300

COILING GRILLES

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Description of Work: Work of this Section includes, but is not limited to, the following:
1. Coiling grilles.
2. Accessories.

1.3 RELATED WORK SPECIFIED ELSEWHERE

A. See Division 05 Section METAL FABRICATIONS for support framing and bracing.

B. See Division 09 Section PAINTING AND COATING for field applied painting systems.

C. See DIVISION 26 for electrical connection requirements.

1.4 ACTION SUBMITTALS

A. Product Data: Submit manufacturer's specifications and installation instructions for each component.

B. Shop Drawings:
1. Submit Shop Drawings for fabrication and installation of overhead coiling grilles.
2. Include locations, configuration, details, elevations, conditions at openings and anchoring and supporting systems.
3. Include provisions for operation requirements.

C. Samples: Submit 12 inch square (300 mm square) samples of finished grilles.

1.5 INFORMATIONAL SUBMITTALS

A. Certificates: Submit manufacturer's certification that doors have been designed, fabricated and installed to meet or exceed specified performance requirements.

B. Qualification Data: Submit installer qualifications verifying years of experience; include list of completed projects having similar scope of work identified by name, location, date, reference names and phone numbers.

1.6 CLOSEOUT SUBMITTALS

A. Operation and Maintenance Data:
1. Submit operation, cleaning and maintenance data for materials and systems provided.
2. Include list of replacement parts and sources.

3. Include copy of submittal in Project information manual.

1.7 SYSTEM REQUIREMENTS

A. Design Requirements:
1. Design Drawings: Drawings indicate design concept with regard to size, shape and location of various components and together with Specifications impose performance requirements, outline material selections, fabrication methods and installation procedures for completed systems.
2. Design and engineering:
a. Contractor is responsible for design and engineering as required to fulfill performance criteria.
b. Provide door systems complete with required components including frames, sections, brackets, guides, tracks, counterbalance mechanisms, hardware, motors and installation accessories, as required to suit openings, allowable head room and operating requirements.

B. Structural Requirements:
1. Interior doors: Design, fabricate, reinforce and install doors to withstand operating loads with maximum deflection of l/120 of clear opening width, without permanent deformation of door components.

C. Cycles of Operation Requirements:
1. Design, fabricate and install door operator and components for 20,000 cycles of operation, without limitation of frequency of cycling.
2. "Cycle": Starting from door in fully closed position, door moves to fully open position and then back to fully closed position.

D. Electrical Wiring Requirements:
1. Provide complete installation of wiring to connect parts of equipment.
2. Wiring shall be in accordance with applicable local codes and National Electric Code Standard.
3. Materials shall be U.L. listed.
4. Conceal wiring unless otherwise shown.
5. Test entire wiring system for insulation to ground.
6. Connect parts of equipment with insulated wiring as required for operation.

E. Interface With Other Systems:
1. Furnish inserts and anchoring devices which must be set in concrete or built into masonry for installation of units.
2. Coordinate templates and anchorage devices with adjoining Work.

1.8 QUALITY ASSURANCE

A. Installer Qualifications: Not less than 5 years documented, successful experience with work comparable to Work of this Project, acceptable to manufacturer.

PART 2 - PRODUCTS

2.1 MANUFACTURERS AND PRODUCTS

A. Acceptable Products and Manufacturers:
1. Listed products establish standard of quality and are manufactured by Cornell Iron Works.
2. Equivalent products by following are acceptable:
a. The Cookson Co.
b. Overhead Door Corp.

2.2 COILING GRILLES

A. Aluminum Curtain:
1. Interlocking grille fabricated of horizontal 5/16 inch (8 mm) diameter aluminum rods spaced vertically at 2 inches (50 mm) o.c. with network of vertical interlocking links spaced horizontally at 9 inches (225 mm) o.c.
2. Pattern: Straight lattice pattern.
3. Bottom bar: Extruded aluminum tubular shape.

B. Guides:
1. Extruded aluminum with retainer grooves for continuous silicon treated wool pile strips or PVC inserts.
2. Provide required fasteners to attach at jambs.

C. Brackets: Manufacturer's standard design, either cast iron or cold-rolled steel plate with bell mouth guide groove for curtain.

D. Barrel and Counterbalance Mechanisms:
1. Barrel: Fabricate from hot-formed structural-quality carbon steel, welded or seamless pipe, of sufficient diameter and wall thickness to support roll-up of curtain without distortion of slats and to limit barrel deflection to not more than 0.03 inch per foot (.75 mm per 300 mm) of span under full load.
2. Provide spring balance of adjustable steel helical torsion springs.
a. Size springs to counterbalance weight of curtain, with uniform adjustment accessible from outside barrel. Provide springs as required to comply with cycles of operation requirements.
b. Provide cast steel barrel plugs to secure ends of springs to barrel and shaft.
3. Fabricate torsion rod for counterbalance shaft of cold-rolled steel in size required to hold fixed spring ends and carry torsional load.
4. Use grease-sealed bearings or self-lubricating graphite bearings for rotating members.

E. Hood: Fabricate from same material and finish as curtain, minimum 24 gage, reinforced as required for length of run.

F. Finishes:
1. Aluminum components: Manufacturer's standard clear anodized finish.
2. Shop paint hood and curtain slats with manufacturer's standard bonderized, rust-inhibitive baked-on primer and top coat paint finish, which is compatible with finish paint systems specified in Division 09 Section PAINTING AND FINISHING.
3. Shop prime other non-galvanized, exposed ferrous metal components with manufacturer's standard rust-inhibitive primer.

G. Locking Mechanism:
1. Provide manufacturer's standard cylinder locking mechanism, operable from inside only, to provide positive locking of doors.
2. Devices to be provided less cylinders; provide cylinders keyed to building masterkey system as specified in Division 08 Section DOOR HARDWARE.

H. Motor Operation:
1. Provide power operation complete in enclosed assembly, with high-starting torque motor that will raise or lower door at approximately 12 inches (300 mm) per second, with thermal overload protection.
2. Provide electrically operated safety bottom bar attached to bottom angles of curtain which will instantly stop downward movement and reverse to fully open position upon contact with any obstruction.
3. Provide electric eye sensing devices which will prevent downward movement of curtain when beam is broken by any obstruction.
4. Control stations:
   a. Exterior: Momentary contact labeled "Open"/"Close" for key operation with housing suitable for exterior application.
   b. Interior: 3-position control station labeled "Open", "Close", and "Stop", for push button operation.
   c. Provide separate control station for each door. Locate stations as indicated on Drawings.
5. Emergency operation:
   a. Provide mechanism for automatically engaging sprocket and chain operator and releasing brake for emergency use, operable from floor.
   b. Include interlock device to automatically prevent motor from operating when emergency operator is engaged.
   c. Arrange emergency operator to not affect timing of limit switch for power operations.
6. Safety interlock switch: Equip grilles with safety interlock switch to disengage power supply when grilles are locked

I. Acceptable Product and Manufacturer: Equivalent to VISIONAIR Model ESG10 by Cornell Iron Works.

2.3 ACCESSORIES

A. Provide anchors, inserts and other miscellaneous accessories as required for complete installation.

B. Provide sloping bottom bars where sill is sloped.

C. Provide vision lights where shown, consisting of individual slat cut-outs with weathertight inserts.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates and adjoining construction, and conditions under which Work is to be installed. Do not proceed with Work until unsatisfactory conditions are corrected.

3.2 INSTALLATION

A. Erect coiling doors as complete units in accordance with final Shop Drawings and manufacturer's instructions.

B. Install plumb, level and true to established building lines.

3.3 ADJUSTING AND CLEANING

A. Upon completion of each installation, test operation to demonstrate satisfactory operation acceptable to Architect.

B. Repair damaged galvanized coating in accordance with ASTM A780.

C. Adjust as required for proper operation.

D. Clean surfaces and lubricate joints and bearings in accordance with manufacturer's instructions.

3.4 PROTECTION

A. Protect doors from weathering, deterioration or damage until acceptance.

END OF SECTION

SECTION 10 1405

EXTERIOR SIGNAGE

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

A. Description of Work: Work of this Section includes, but is not limited to, the following:
1. Individual letters.
2. Accessories.

1.3 RELATED WORK SPECIFIED ELSEWHERE

A. See Division 03 Section CAST-IN-PLACE CONCRETE for general concrete requirements for exterior sign mounting.

B. See Division 10 Section INTERIOR SIGNAGE.

1.4 ACTION SUBMITTALS

A. Product Data: Submit manufacturer's specifications and installation instructions for each component and finish.

B. Shop Drawings:
1. Submit Shop Drawings showing mounting and attachment details and text layout for each condition.
2. Include sign schedule identifying text and locations.

C. Samples: Submit full size samples with text for each size, type, finish and color.

1.5 INFORMATIONAL SUBMITTALS

A. Qualification Data: Submit installer qualifications verifying years of experience; include list of completed projects having similar scope of work identified by name, locations, date, reference names and phone numbers.

1.6 CLOSEOUT SUBMITTALS

A. Maintenance Data:
1. Submit cleaning and maintenance data for materials provided.
2. Include copy of submittal in Project information manual.

1.7 QUALITY ASSURANCE

A. Installer Qualifications: Not less than 5 years documented, successful experience with work comparable to that required for this Project.

B. Manufacturer Qualifications: Firm or company specializing in architectural signage with not less than 5 years documented, successful experience with work comparable to that required for this Project.

C. Regulatory Requirements:
1. Conform to applicable requirements of authorities having jurisdiction over Project.
2. Except as may be modified by governing authorities, comply with applicable requirements and provisions of ADA-ABA Accessibility Guidelines.

1.8 DELIVERY, STORAGE AND HANDLING

A. Deliver, store, handle and protect products in accordance with manufacturer's instructions.

B. Store in protected and dry area in manufacturer's unopened protective shipping packaging.

1.9 SEQUENCING AND SCHEDULING

A. Do not install signs until other Work, including painting, is completed.

PART 2 - PRODUCTS

2.1 PRODUCTS AND MANUFACTURERS

A. Acceptable Products and Manufacturers:
1. Listed products establish standard of quality and are manufactured by ASI-Modulex.
2. Equivalent products by other manufacturers may be acceptable provided they comply with requirements of Contract documents.

2.2 EXTERIOR SIGNAGE

A. Types ES-1 - Individual Letters:
1. Description:
a. Cut stainless steel letters of channel construction; aluminum gage to suit height of letters as recommended by manufacturer to prevent "oil-canning".
b. Heliarc weld corners and edges and grind smooth.
2. Sizes, style, text, finishes and colors: As indicated in Schedule.
3. Finishes:
a. Painted finish: Manufacturer's standard baked enamel finish, in custom colors as indicated in Schedule.
b. Anodized: Manufacturer's standard clear satin anodized finish.
4. Mounting with stand-off with blind studs.
5. Acceptable product and manufacturer: Equivalent to LSP Series by ASI-Modulex.

2.3 ACCESSORIES

A. Provide concealed fasteners or adhesives as recommended by manufacturers and as required for permanent and secure mounting to substrates indicated, suitable for conditions of application and use.

PART 3 - EXECUTION

3.1 EXAMINATION

A. Examine substrates and adjoining construction, and conditions under which Work is to be installed. Do not proceed with Work until unsatisfactory conditions are corrected.

3.2 INSTALLATION

A. Install in accordance with final Shop Drawings and manufacturer's instructions.

B. Install plumb, level and true to line with secure attachment to substrates.

C. Clean signs in accordance with manufacturer's instructions prior to final acceptance.

END OF SECTION

GF-2013-B-0082
AUDITORIUM BUILDING 46E
GUEST ROOMS AND DRESSING ROOMS RENOVATION

ATTACHMENT C
(PRE-BID CONFERENCE SIGN IN SHEET)
TO AMENDMENT 003

SOLICITATION NO.: GF-2013-B-0082

AUDITORIUM BUILDING 46E, GUEST ROOMS AND DRESSING ROOMS RENOVATION

Friday, December 21, 2012 – 11:00 AM – Building 39, Third Floor, Large Board Room

PRE-PROPOSAL CONFERENCE SIGN-IN SHEET

PLEASE PRINT

NO	NAME	COMPANY	TELEPHONE NO.	EMAIL ADDRESS
16	GERALD H. DRAPER	PRINCE CONSTRUCTION CO	202 889-5050	GERALD.DRAPER@PRINCECONSTRUCTION
17	HERBER BELTRAN	PRINCE CONSTRUCTION CO	202 889-5050	HERBER.BELTRAN@PRINCECONSTRUCT
18	Maurice Crump	FEI	202-529-2140	Maurice@forneyent.com
19	Mohammad Abdihai	FEI	202-529-2140	Muhammad@forneyent.com
20	Yash Vegelz.	FEI	" "	Yash@forneyent.com
21	RAJ SHUKLA	CONSYS, INC.	202-545-1333	RAJ@CONSYS-INC.NET
22	RONALD ALVARENGA	"	"	RONALD@CONSYS-INC.NET
23	Kolleen Bowen	Bennett Group	202-625-3330	kbowen@bennettgroupdc.com
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SOLICITATION NO.: GF-2013-B-0082

AUDITORIUM BUILDING 46E, GUEST ROOMS AND DRESSING ROOMS RENOVATION

Friday, December 21, 2012 – 11:00 AM – Building 39, Third Floor, Large Board Room

PRE-BID CONFERENCE SIGN-IN SHEET

PLEASE PRINT

NO	NAME	COMPANY	TELEPHONE NO.	EMAIL ADDRESS
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2	LEWIS KELLEY	RUSH TECHNOLOGIES, INC.	202 591-8751	KELLEYL@RUSHTECHNOLOGIES.COM
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