



State of Utah

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Department of Administrative Services

KIMBERLY K. HOOD
Executive Director

Division of Facilities Construction and Management

P. JOSHUA HAINES
Director

Addendum No. 8

Date: July 11, 2014

To: Contractors

From: Kurt Baxter – Project Manager, DFCM

Reference: Beverley Taylor Sorenson Center for the Arts
Southern Utah University – Cedar City, Utah
DFCM Project No. 12218730

Subject: **Addendum No. 8**

| | | |
|-------|-----------------------------------|-----------------|
| Pages | Addendum Cover Sheet | 1 page |
| | Architect's Addendum No. 7 | 77 pages |
| | <u>Architect's Addendum No. 8</u> | <u>21 pages</u> |
| | Total | 99 pages |

Note: This Addendum shall be included as part of the Contract Documents. Items in this Addendum apply to all drawings and specification sections whether referenced or not involving the portion of the work added, deleted, modified, or otherwise addressed in the Addendum. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to Disqualification.

8.1 SCHEDULE CHANGES: There are no Project Schedule changes.

8.2 GENERAL ITEMS:

8.2.1 See attached Architect's Addendum No. 7 dated July 8, 2014.

8.2.2 See attached Architect's Addendum No. 8 dated July 10, 2014.

| | |
|----------------------------|---|
| addendum number | 07 |
| date | July 08, 2014 |
| project | Southern Utah University Beverley Taylor Sorenson Center for the Arts Utah Shakespeare Festival Facility |
| DFCM project number | 12218730 |

This Addendum forms a part of the Contract Documents and modifies the original construction documents dated May 28, 2014, and all subsequent addenda.

UTAH SHAKESPEARE FESTIVAL FACILITY (USF)

QUESTIONS/RESPONSES

SEE REVISED QUESTIONS & ANSWERS DOCUMENT PROVIDED WITH THIS ADDENDUM AS A SEPARATE DOCUMENT.

USF SUBSTITUTION REQUESTS:

| item # | Spec # | section | substitution | response |
|--------|--------|-------------------------------|--------------------------------|----------|
| | 072100 | Thermal Insulation | Nu-Age 6/10 Polyethylene Sheet | Approved |
| | 230593 | Testing Adjusting & Balancing | Test Balance - Tempco | Approved |

PRIOR APPROVAL OF MANUFACTURERS OF ELECTRICAL EQUIPMENT

The following items, trade names, products and manufacturers are approved for bidding. Approval does not relieve the bidder from satisfying the intent of the requirements of drawings, specifications and addenda in every respect. Failure to conform to the design quality and standards specified, established and required may result in later disapproval. If equipment must be disapproved after bidding, supplier shall supply specified equipment at no extra cost to the Owner.

Items are listed generally and specific model number, etc. shall be as submitted. Items submitted but not approved, either did not satisfy the requirements, or showed insufficient data, or arrived after the 8 day deadline established for submittals.



| <u>TYPE</u> | <u>SPECIFIED</u> | <u>APPROVED</u> | <u>APPROVED</u> | <u>APPROVED</u> |
|-------------|------------------|-----------------|-----------------|-----------------|
| K | PINNACLE | PRUDENTIAL | | |
| L7 | BEGA | LIGMAN | | |
| P1 | BEGA | LIGMAN | | |
| R | LIGHTOLIER | TERON | | |
| ST | LITECONTROL | PRUDENTIAL | | |
| | | | | |

CHANGES TO USF PROJECT MANUAL:

| item # | revision or clarification | Spec # | section | description |
|---------------|----------------------------------|---------------|-------------------------|--|
| | clarification | 012300 | Alternates | Supplemental language has been added to paragraph 3.1.B to clarify the scope of Alternate #2. The paragraph now reads as follows (supplemental language in <i>italics</i>): Alternate No. 02 – Theatrical and A/V Equipment. Provide the total cost associated with providing and installing the additional theatrical and audio/visual equipment as identified in the Contract Documents. <i>Scope includes but is not limited to: pipe grid at rehearsal room (see drawing R-2), acoustic curtains at rehearsal room and studio theater (see U-AE101B and U-101C), greenshow and seminar grove stages (see U-AS403), seminar grove benches (see U-LM102 and U-LM401), and AV equipment (see TA601 for AV equipment list and ET101 for AV equipment locations)</i> |
| | Revision | 263533 | Power Factor Correction | Delete this section in its entirety. |



CHANGES TO USF DRAWINGS:

| item # | revision or clarification | sheet/drawing | description |
|-----------------------|---------------------------|---------------|--|
| GENERAL SHEETS | | | |
| | clarification | U-GI104/A6 | The area previously indicated by the note: "6" x 36" NARROW MODULAR PRECAST CONC. PAVERS" has been removed from this drawing. The precast pavers to the west of the studio theater should be part of Alternate #1, as indicated on U-AS101B. They are not part of Alternate #4. |
| LANDSCAPE | | | |
| | clarification | U-LM102 | A previous iteration of this drawing has a note near the studio theater plaza that reads "ADD ALTERNATE 2: ADD SAME PAVERS USED AT SUMA" This note is now revised to read "ADD ALTERNATE 1: ADD SAME PAVERS USED AT SUMA". The pavers in this area should be included in Alternate #1, not alternate #2. Note that no drawing has been issued that indicates this clarification. |
| | clarification | U-LM401/A | A previous iteration of this drawing has a note indicating "BENCHES W/BACK & ARMS TYP." This note is now revised to read "BACKED BENCH W/O ARMS, TYP". All benches in the seminar grove should not have arms, but should have backs per drawing U-LM102. Note that no drawing has been issued that indicates this clarification. |
| ARCHITECTURAL | | | |
| | clarification | keynotes | Added keynotes: 5.35 10" STEEL PIPE (10-5/8" OUTER DIAMETER) 5.36 8" GALVANIZED STEEL PIPE (8-5/8" OUTER DIAMETER) |
| | clarification | U-AE301/A5 | Added section detail callout for decorative gravel box on south side of level 2 terrace. |
| | clarification | U-AE335/A3 | <ul style="list-style-type: none"> Clarified center post size as 10" steel pipe (10-5/8" outer diameter) for plaza level to control booth and control booth to catwalk access spiral stair runs; 8" steel pipe (8-5/8" outer diameter) for catwalk access to tower roof spiral stair run. Added dimensional clarification for plaza level to control booth spiral run Added headroom dimensions for clarification |
| | clarification | U-AE335/A5 | Added headroom dimensions for clarification |



| | | | |
|--|---------------|------------|--|
| | Clarification | U-AE404/D4 | Interior elevation has been added |
| | Clarification | U-AE404/D5 | Dimensions and interior elevations have been added |
| | Clarification | U-AE404/E4 | Interior elevation has been added |
| | Clarification | U-AE404/E5 | Interior elevation has been added |
| | Clarification | U-AE412/A1 | Interior elevation has been added |
| | Clarification | U-AE412/A3 | Dimensions and interior elevations have been added |
| | Clarification | U-AE412/B1 | Interior elevation has been added |
| | Clarification | U-AE412/C1 | Interior elevation has been added |
| | clarification | U-AE412/C3 | <ul style="list-style-type: none"> • Added spiral stair run and tread diagram for clarification on tread size and stair run dimensions • Clarified center post size as 10" steel pipe (10-5/8" outer diameter) |
| | clarification | U-AE412/E3 | <ul style="list-style-type: none"> • Added spiral stair run and tread diagram for clarification on tread size and stair run dimensions • Clarified center post size as 10" steel pipe (10-5/8" outer diameter) for control booth to catwalk access spiral stair run; 8" steel pipe (8-5/8" outer diameter) for catwalk access to tower roof spiral stair run |
| | Clarification | U-AE521/A1 | Countertop was adjusted and finish clarified. |
| | Clarification | U-AE524/D3 | Countertop was adjusted and finish clarified. Additional dimensions have been provided for clarification. |
| | clarification | U-AE525/C4 | Added section detail to clarify finishes of the decorative gravel boxes |
| | clarification | U-AE541/A2 | <p>Added clarifying note under "RAINSCREEN PANEL GENERAL NOTES:"</p> <p>...WEATHER BARRIER SHALL BE COLOR BLACK. EXPOSED FRONTS OF SUPPORTING "Z"-CHANNELS OR HAT CHANNELS TO BE PAINTED BLACK (CONTRACTOR MAY USE THIN BLACK EPDM AS A SUBSTITUTE).</p> <p>Note that no drawing has been issued that indicates this clarification.</p> |
| | Clarification | U-AE602 | Case Finish Legend has been clarified. SS1 is now being used in Concessions 210 SS3 has been added |
| | revision | U-AE602 | The finish on TILE 03 and TILE 07 indicated in the wall finish legend and the Floor Finish Legend has been changed from "Polished" to "Matte" |
| | Clarification | U-IF101/A5 | The pattern indicating the flooring type in corridor 172C has been clarified to be consistent with the finish schedule. The flooring in this area is TILE PATT B |
| | | | |



| STRUCTURAL | | | |
|-------------------------|---------------|----------|---|
| | Clarification | U-SB101A | Added detail references. |
| | Clarification | U-SB503 | Added details A3 and A4. |
| | Clarification | U-SF103B | Added masonry lintel callout. |
| | Clarification | U-SF104A | Added detail references. |
| | Clarification | U-SF212 | Added openings and additional reinforcing in shearwall. |
| | Clarification | U-SF516 | Added details B4 and B5. |
| | Clarification | U-SF602 | Removed second SC-6 mark from column schedule. |
| MECHANICAL AND PLUMBING | | | |
| | Clarification | U-M101A | <ul style="list-style-type: none"> The following item was changed in Addendum #03 but was not updated on the conformed set: "Dye Room 124 VAV Box shall be VR-8 in lieu of VR-6." See revised drawing. |
| | Clarification | U-M601 | <ul style="list-style-type: none"> The following item was changed in Addendum #03 but was not updated on the conformed set: "Refer to Air Handler Fan Schedule: Note 4 shall read, "Provide individual motor overload protection and disconnect switch for each fan motor." Note 5 shall read, "Air Handler and associated fan to be part of Alternate No. 1." See revised drawing |
| | Clarification | U-M602 | <ul style="list-style-type: none"> The following item was changed in Addendum #03 but was not updated on the conformed set: "Refer to Cooling Tower Schedule: The tower shall not include the sound attenuation package on the inlet and outlet. See revised drawing. |
| | Clarification | U-P100 | <ul style="list-style-type: none"> The following item was changed in Addendum #03 but was not updated on the conformed set: "Water Header shall be labeled with detail callout C5/U-P501. See revised drawing. |
| | Clarification | U-P100 | <ul style="list-style-type: none"> The following item was changed in Addendum #03 but was not updated on the conformed set: "Keyed note 5 shall apply to below grade vent piping in concessions storage 006. See revised drawing. |



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| | Clarification | U-P102C | <ul style="list-style-type: none"> The following item was changed in Addendum #03 but was not updated on the conformed set: "Keyed note 1 shall read, "Drop roof drain pipes tightly against wall in corner. Coordinate roof drain piping with ductwork." Keyed note 1 shall refer to roof drain piping in northeast corner of Mechanical Room 252." See revised drawing. |
| | Clarification | U-M602 | <ul style="list-style-type: none"> The following item was changed in Addendum #04 but was not updated on the conformed set: Refer to Heat Exchanger Schedule. Heat Exchanger, HX-4, shall come factory installed as part of the Modular Chiller Plant, MCP-1. See Modular Chiller Plant specification section 237443 at the end of this addendum. See revised drawing. |
| | Clarification | U-M602 | <ul style="list-style-type: none"> The following item was changed in Addendum #04 but was not updated on the conformed set: "Refer to Pump Schedule. Pumps, P-9,10,11,12, shall come factory installed, factory wired, etc, as part of the Modular Chiller Plant, MCP-1. See Modular Chiller Plant specification section 237443 at the end of this addendum. Pumps, P-9, 10, shall come with VFD and disconnect. Pumps, P-11, 12, shall come with starter and disconnect." See revised drawing. |
| | Clarification | U-M101A | <ul style="list-style-type: none"> The following item was changed in Addendum #05 but was not updated on the conformed set: "Refer to Dirty Crafts 127: Provide and install two 12"x6" side wall supply grilles, type SWS-1, in lieu of two ceiling supply diffusers. Balance each grille to 350 CFM." See revised drawing. |
| | Clarification | U-P401 | <ul style="list-style-type: none"> The following item was changed in Addendum #06 but was not updated on the conformed set: "Refer to A2/U-P401. Provide and install sink S-1 as shown in attached supplementary drawing." See revised drawing. |
| | | | |



| ELECTRICAL | | | |
|------------|---------------|------------|---|
| | Clarification | U-EL101A | <ul style="list-style-type: none"> In Vestibule 109 put light fixture AD on an emergency circuit in the area. Extend conduit and wire in the Small Restroom west of Vestibule 109 to the lighting circuit in Janitors Closet to the west. Add Type M to wall sconces, include in circuit. Corridor 116. Delete switch at door into Props Workroom 118. Relay RWS-113 to be controlled by low voltage switch at door 116/2, door onto dock. |
| | Clarification | U- EL101B | <ul style="list-style-type: none"> In Lobby 140 - circuit Type AC light fixture and Type F and FS downlights in the Hall and Lobby to relay SRP2-14. In Vestibule 139 extend circuit from Type F downlights to 1H1-4, add an available relay in SRP2 - 22 for time of day control. Extend conduit and wire to the nearest emergency circuit. |
| | Clarification | U - EL101C | <ul style="list-style-type: none"> Remove emergency home run in Corridor 168-1. Tickets 164 & Accounts 159. Fixture changes were made in addendum 5 but not mentioned in narrative. See clouding of these rooms in addendum 5 for changes. |
| | Clarification | U-ES001 | <ul style="list-style-type: none"> Change relay for Tree lighting L7 light fixtures from SRP1-18 to 19, east of the Green Show Stage. Green Stage. See site plan for addition of (4) ingrade weatherproof boxes with power and data. See added diagram on sheet U-EX604. Seminar Grove. Provide power/data pedestal. Provide gfci protected outlet. Provide shielded CAT 6 and surge suppressor for data outlet. Coordinate exact location with architect prior to rough-in. See diagram R017/U-EX602. See sheet for circuiting. Incorporate a key switch into pedestal for control of wireless microphone. Coordinate with a/v installer. |
| | Clarification | U-EX507 | <ul style="list-style-type: none"> Relay Panel SRP1 <ul style="list-style-type: none"> Relay 14 - change circuit to BH1-8 Relay 18 - change circuit to BH1-8 Relay 19 - add circuit BH1-6 Relay 20 - add circuit BH1-6 Relay 39 - add circuit BH1-6 Relay Panel SRP2 <ul style="list-style-type: none"> Relay 22 - Add Vestibule 139 circuit |



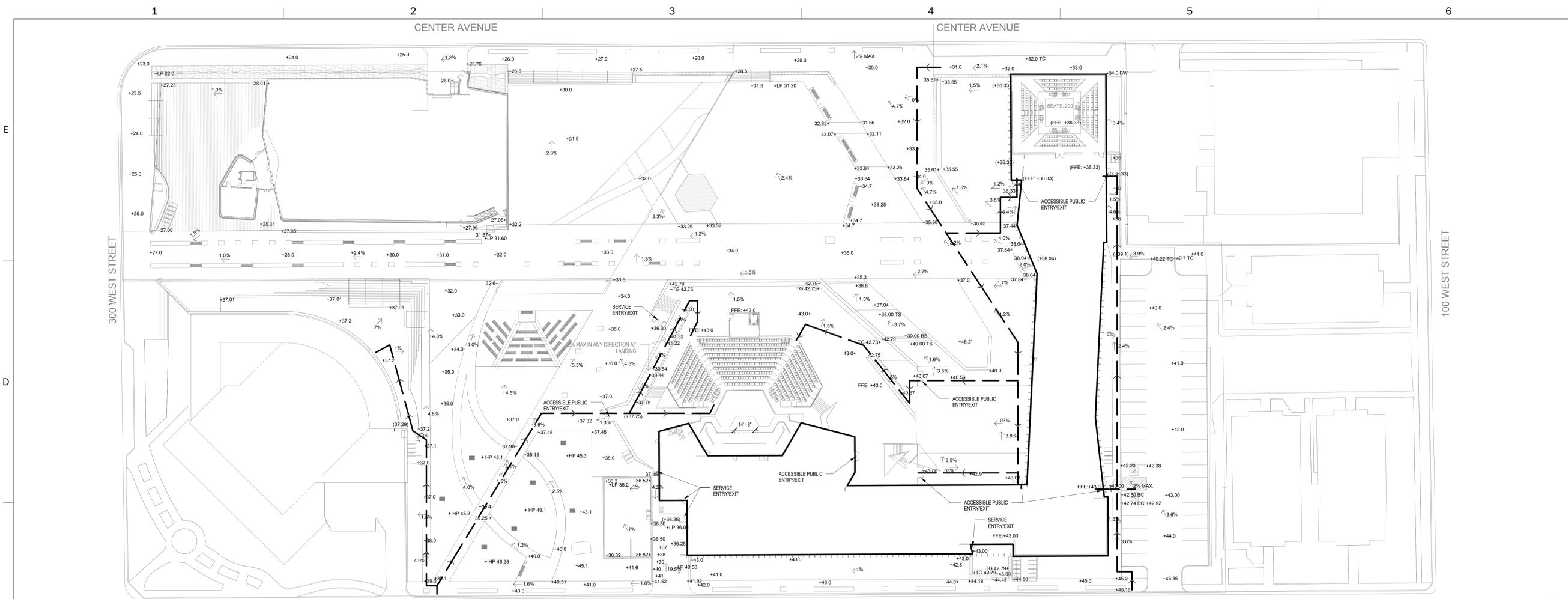
| | | | |
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| | | | 1H1-4 – time of day control. |
| | Clarification | U-EL102B | <ul style="list-style-type: none"> Between grids 13/8. Type W is to follow the contour of the west wall. See drawing. |
| | Revision | U-EX501-EX507 | <ul style="list-style-type: none"> Provide 20 amp, 1 pole spare breakers in 25% of empty spaces in all panels with more than 10 spaces. In panels with less than 10 spaces provide 20a breakers in all spaces. |
| | Clarification | U-EP100 | <ul style="list-style-type: none"> Storage/Effects 012. Provide (2) dedicated 20a circuits for sound cabinets on north wall in lieu of circuit BL2-21. Provide a 4plex outlet for each cabinet. See plans for circuit number and coordinate location of cabinet with sound drawings. Addendum, 6 indicated transformer TK4 to be in the main electrical room and Storage 006. It is in Main Elec 003 as shown on the plans. |
| | Clarification | U-EP101B | <ul style="list-style-type: none"> Rehearsal Storage 136. Provide a dedicated 20a circuit for sound cabinet on west wall towards south corner in lieu of circuit PB-8F-22. Provide a 4plex outlet. See plans for circuit number and coordinate location of cabinet with sound drawings. |
| | Clarification | U-EP102A | <ul style="list-style-type: none"> Control Booth. Provide a dedicated 20a circuit for sound cabinet on south wall towards east corner in lieu of circuit PB-5F-6. Provide a 4plex outlet. See plans for circuit number and coordinate location of cabinet with sound drawings. |
| | Clarification | U-EP102B | <ul style="list-style-type: none"> Founders Room 241. Provide a dedicated 20a circuit for sound cabinet on north wall in lieu of circuit 1L3-36. Provide a 4plex outlet. See plans for circuit number and coordinate location of cabinet with sound drawings. |
| | Clarification | U-EF102C | <ul style="list-style-type: none"> Control Room 249B. Provide a dedicated 20a circuit for sound cabinet on north wall, west corner in lieu of circuit PB-6Fc-17. Provide a 4plex outlet. See plans for circuit number and coordinate location of cabinet with sound drawings. Addendum 6 indicated to move transformer TK4 to Storage 006. TK4 is in Main Elec 003. Addendum 6 indicated to move '2LDP4'. Sheet U-EP101A in addendum 6 shows this distribution panel in room that is part of Actor Queuing at grid G |
| | Clarification | U-EP101A | <ul style="list-style-type: none"> Paint Booth 125. Delete (4) receptacles from room. Circuit exhaust system control panel to a |



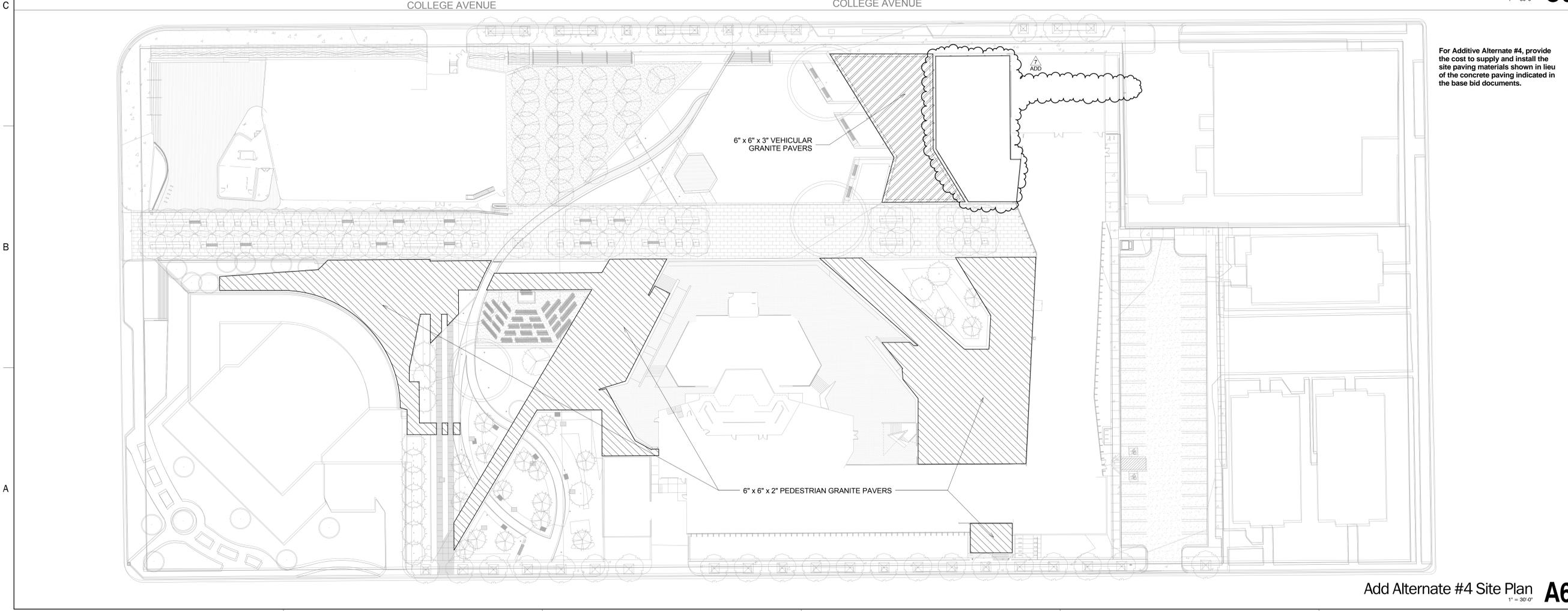
| | | | |
|---------------------|---------------|---------|---|
| | | | 480v, 3phase, 20a circuit. |
| | Clarification | U-EX605 | <ul style="list-style-type: none"> See additional riser diagram added for fiber optic and copper requirements on site and between comm rooms. |
| THEATER | | | |
| | clarification | R-1 | <p>The text below was included in the original bid documents issued on May 28th, but was omitted on the conformed set of drawings issued with addendum 6 on June 25th. This text still applies, and has been added back to drawing R-1.</p> <p>NOTE: COMPONENTS INDICATED ON THIS SHEET AND THEIR INSTALLATION ARE TO BE INCLUDED AS PART OF ADDITIVE ALTERNATE #1</p> |
| | clarification | R-2 | <p>The text below was included in the original bid documents issued on May 28th, but was omitted on the conformed set of drawings issued with addendum 6 on June 25th. This text still applies, and has been added back to drawing R-2.</p> <p>NOTE: COMPONENTS INDICATED ON THIS SHEET AND THEIR INSTALLATION ARE TO BE INCLUDED AS PART OF ADDITIVE ALTERNATE #2.</p> |
| AUDIO/VISUAL | | | |
| | clarification | ET101/1 | <p>Clarifications made per changes made in architectural portion of Addendum 06:</p> <ul style="list-style-type: none"> Added data lines to (4) floor boxes on green show stage for Dante connection to stage box Added extra data cable to keyed switch in pedestal to turn on/off wireless mic at seminar grove. |
| | clarification | TA601 | <p>Clarifications made per changes made in architectural portion of Addendum 06:</p> <ul style="list-style-type: none"> Added stage box to green show equipment list (part of bid alternate #2) |

End of addendum narrative.





Accessible Route Plan C6
1" = 30'-0"



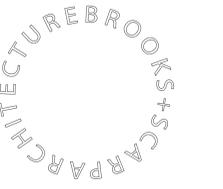
Add Alternate #4 Site Plan A6
1" = 30'-0"

For Additive Alternate #4, provide the cost to supply and install the site paving materials shown in lieu of the concrete paving indicated in the base bid documents.

blalock
and
PARTNERS



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COEN + PARTNERS

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stamp



DFCM approval stamp

| Revisions | |
|-------------|---------------|
| Addendum 06 | 2014, June 25 |
| Addendum 07 | 2014, July 08 |

date: 28 May 2014
DFCM project no: 12218730
Bid Documents

Southern Utah University
Beverly Taylor Sorenson
Center for the Arts
Utah Shakespeare Festival Facility
Cedar City, Utah

Code Plan
U-G1104

1

2

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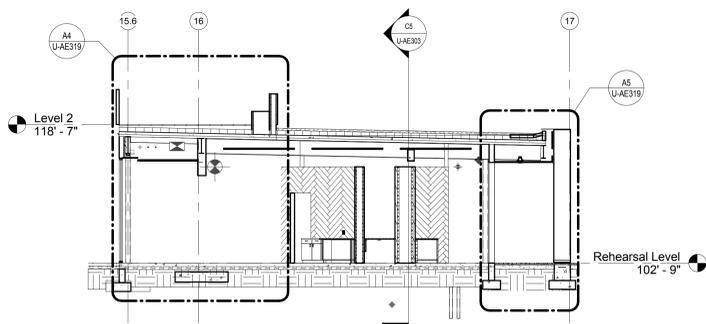
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D

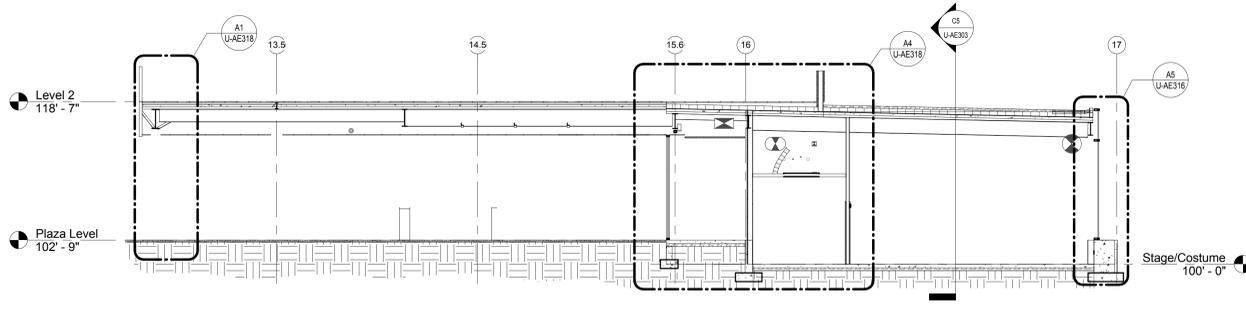
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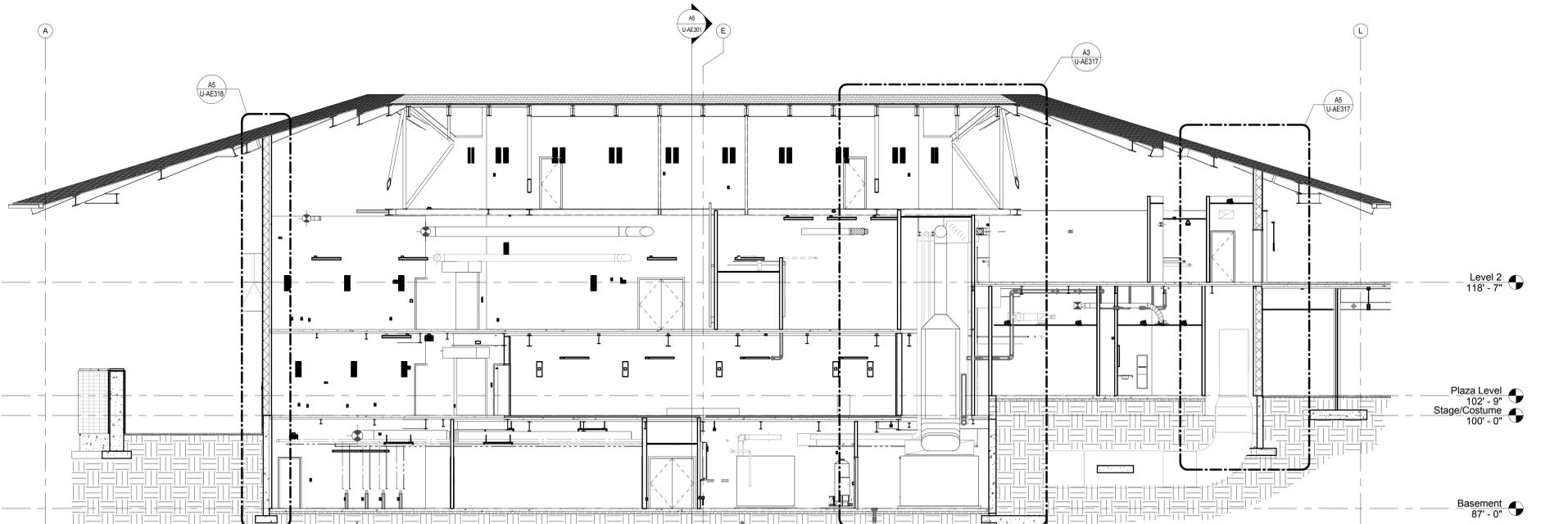
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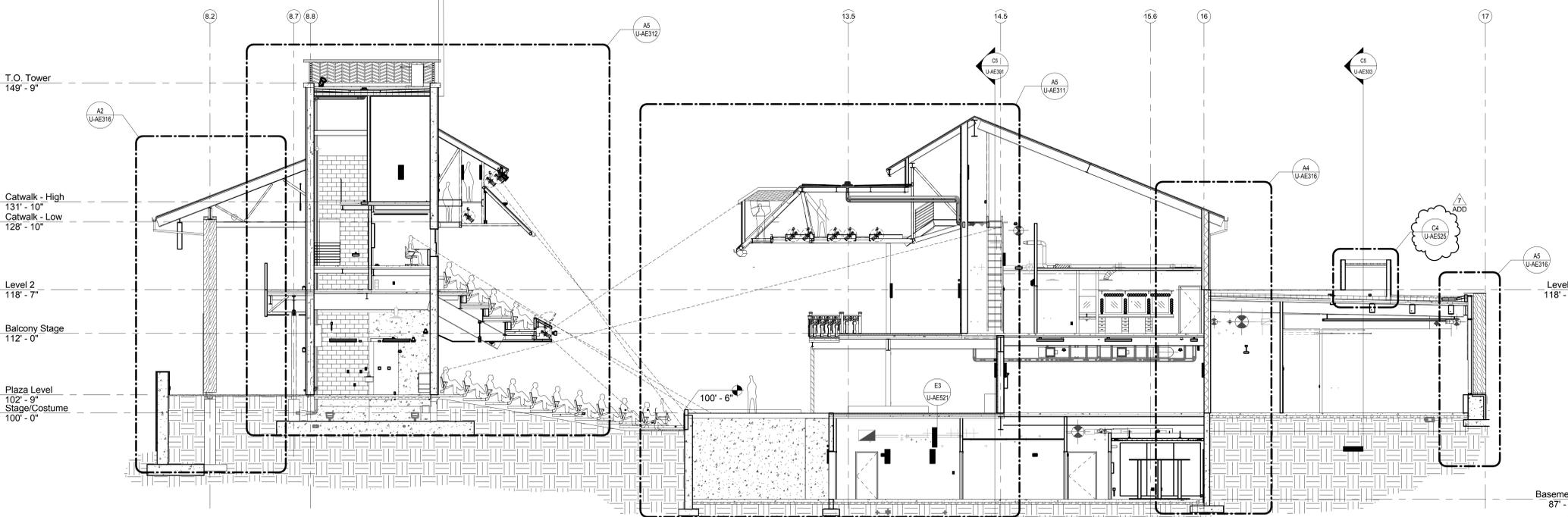
Building Section E2
1/8" = 1'-0"



Building Section E5
1/8" = 1'-0"



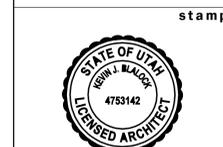
Building Section C5
1/8" = 1'-0"



Building Section A5
1/8" = 1'-0"

- 3.1 4" CONCRETE SLAB ON 4" COMPACTED GRAVEL FILL
- 3.2 CONCRETE FOOTING
- 3.3 CONCRETE SLAB OVER GRAVEL BASE - REF. STRUCTURAL
- 3.11 CONCRETE FOUNDATION WALL
- 3.15 CONCRETE COLUMN BASE - REF. STRUCTURAL
- 3.16 CONCRETE SLAB OVER METAL DECK - REF. STRUCTURAL
- 3.20 CONCRETE OVER STEEL PAN STAIRS
- 3.21 CONCRETE STAIR
- 3.22 CONCRETE BASE FOR LIGHT BOLLARD
- 4.1 STONE CLAD CONCRETE SITE WALL - REF. ARCH AND LANDSCAPE DETAILS
- 4.2 STONE CLAD SITE STAIR
- 4.3 MASONRY COLUMN TYP. REF. STRUCTURAL
- 4.4 OPENING IN MASONRY WALL FOR DOOR (SEE ADD ALTERNATE 1)
- 4.5 STONE CLAD METAL STUD FRAMED BENCH
- 5.1 STEEL COLUMN - REF. STRUCT.
- 5.3 STEEL BEAM - REF. STRUCT.
- 5.4 STEEL ANGLE - SEE STRUCT.
- 5.8 1-1/2" DIA. STAINLESS STEEL HAND RAIL - WALL MOUNTED, TERMINATE INTO WALL, TYP.
- 5.9 1-1/2" DIA. STAINLESS STEEL HAND RAIL - POST MOUNTED
- 5.10 1-1/2" DIA. STAINLESS STEEL HAND AND GUARDRAIL - POST MOUNTED
- 5.14 STEEL CHANNEL - REF. STRUCT.
- 5.19 ELEVATOR PIT LADDER
- 5.20 ACCESS LADDER - REF. SPECIFICATIONS
- 5.21 COSE COMPLIANT STEEL GRATE STAIR, PLATFORM, AND RAILING TO DOOR LEVEL
- 5.22 WT SHAPE STEEL POST
- 5.23 STEEL STRINGER - REF. STRUCT.
- 5.24 STEEL SPIRAL STAIRCASE
- 5.25 ALUMINUM OR GALVANIZED STEEL SPIRAL STAIRCASE
- 5.26 CATWALK PLATFORM - METAL DECK WITH STEEL CHANNEL SIDE SUPPORTS, PLYWOOD TOP WITH CARPET SURFACE FINISH
- 5.27 CUSTOM FABRICATED STEEL FENCE WITH GATES
- 5.28 DECORATIVE RAIL - TYPE 1. SEE DETAILS A4 AND A5 ON SHEET U-AE316
- 5.29 DECORATIVE RAIL - TYPE 2. SEE DETAILS A4 AND A5 ON SHEET U-AE316
- 5.30 1-1/2" DIA. DARK BRONZE ANODIZED ALUMINUM HAND RAIL - POST MOUNTED
- 5.31 1-1/2" DIA. DARK BRONZE ANODIZED ALUMINUM HAND RAIL - WALL MOUNTED, TERMINATE INTO WALL, TYP.
- 5.32 STEEL OR ALUMINUM SHIPS LADDER WITH PLATFORM
- 5.33 ALUMINUM SHIPS LADDER WITH HANDRAIL
- 5.34 1-1/2" DIA. STEEL PIPE HAND RAIL - HANGER MOUNTED
- 5.35 1/2" STEEL PIPE (10.8" OUTER DIAMETER)
- 5.38 8" GALVANIZED STEEL PIPE (8.58" OUTER DIAMETER)
- 6.3 SOLID SURFACE COUNTERTOP
- 6.10 GULLAM DECORATIVE COLUMN - 5 1/8" x 22 1/2"
- 6.11 GULLAM STAIR TREAD - 3 1/2" X 12"
- 6.12 1/2" GLASS STAIR GUARD
- 6.13 1-1/2" SQUARE WOOD HANDRAIL
- 6.15 4x4 DECORATIVE WOOD TIMBER
- 6.16 CARPET COVERED WOOD FRAMED RAMP FROM MDT TO STAGE
- 6.17 6x6 DECORATIVE WOOD TIMBER, PAINTED
- 6.18 STAGE DECORATIVE RAILING - TYPE 1
- 6.19 STAGE DECORATIVE RAILING - TYPE 2
- 6.20 EXTENT OF TRAPPED STAGE AREA
- 6.21 CEDAR BENCH - 1-1/2" BY 7-1/2" BY 7-1/2" X 3" THICK CLEAR FINISHED W.R. CEDAR SLAB ON 2" DIA. 1-3" TALL STAINLESS STEEL LEGS
- 6.22 TROUGH THROUGH STAGE FLOOR - REF. ARCHITECTURAL DETAILS
- 6.23 TROUGH THROUGH TRAP FLOOR - REF. THEATER DRAWINGS
- 6.24 QUARTZ COUNTERTOP
- 7.1 RIDGE
- 7.3 CIRCUL. MIN. SLOPE 1/8" PER FOOT, FORM W/ TAPERED RIGID INSULATION
- 7.7 ROOF DRAIN AND OVERFLOW DRAIN
- 7.8 R-13 BATT, MINERAL-FIBER BLANKET INSULATION
- 7.9 5" MIN. RIGID POLY-ISO INSULATION, R-30 MIN.
- 7.10 BITUMINOUS DAMP PROOFING - SEE SPECIFICATIONS
- 7.11 FLEXIBLE WALKWAYS - INSTALL AROUND ALL RTU, TO ROOF DRAINS AND TO A BUILDING EDGE
- 7.12 ROOF HATCH
- 7.13 SINGLE PLY ROOF MEMBRANE
- 7.17 2" RIGID FOUNDATION INSULATION
- 7.23 DOWNSPOUT TO ROOF BELOW, PAINT TO MATCH STRUCTURE
- 7.25 WOOD VENEERED COMPOSITE PANEL SYSTEM WITH EXPOSED FASTENERS, COLOR/PATTERN 1
- 7.26 WOOD VENEERED COMPOSITE PANEL SYSTEM WITH EXPOSED FASTENERS, COLOR/PATTERN 2
- 7.29 ROOF ANCHOR - COORDINATE LOCATION WITH ARCHITECT AND STRUCTURE
- 7.32 SYNTHETIC SLATE ROOFING TILES
- 7.33 SNOW GUARDS AT ALL SYNTHETIC SLATE ROOFS - SEE SPECIFICATIONS
- 7.34 WOOD VENEERED COMPOSITE PANEL LOCKER SYSTEM WITH EXPOSED FASTENERS, COLOR TO MATCH ADJACENT RAINSCREEN PANELS
- 7.35 DOWNSPOUT, PAINT TO MATCH STRUCTURE, TIE INTO STORM DRAIN SYSTEM, COORDINATE FINAL LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
- 7.36 DOWNSPOUT, PAINT TO MATCH STRUCTURE, DISCHARGE AT GRADE BELOW.
- 7.37 EXPOSED BATT INSULATION WITH SCHEM: R15
- 7.38 DASHED OUTLINE AND DIAGONAL HATCH INDICATES SPRAY APPLIED FIREPROOFING OVER BEAM AND/OR BEAM TO COLUMN CONNECTION, 1-HR RATING
- 7.41 LOW PROFILE ROOF DRAIN CONCEALED UNDER PEDESTAL PAVERS - REF. MECHANICAL
- 7.50 PRE-FORMED METAL GUTTER
- 8.3 4-1/2" ANODIZED ALUM. STOREFRONT
- 8.7 7.5" ANODIZED ALUM. CURTAIN WALL
- 8.8 HAMILTON SAFE MODEL 145 DROP BOX WITH LOCKER, OR SIM. PROVIDE KEYLOCK ON FRONT FACE OF DROP BOX
- 8.10 HAMILTON SAFE 26TH x 21 1/2" x 12" D LOCKER WITH 1/2" THICK STEEL DOOR AND COMBINATION LOCK, MOUNT TO CONCRETE FLOOR
- 8.23 8" TALL MIRROR, CONTINUOUS ALONG ENTIRE WALL
- 9.2 SUSPENDED GYPSUM BOARD CEILING
- 9.28 PROVIDE 4" WIDE X 4" TALL FIBRE-REINFORCED PLASTIC PANELS BEHIND SERVICE SINK
- 9.34 TONGUE AND GROOVE CEDAR SOFFIT
- 9.35 TECH ZONE OPENINGS IN WOOD CEILING, PAINT ALL STRUCTURAL, MECHANICAL, ELECTRICAL, AND AV COMPONENTS THROUGH THE TECH ZONE
- 10.1 HORIZONTAL CABLE PASS THROUGH, REF DETAILS
- 10.2 CABLE HOOK MOUNT, REF ELECTRICAL DETAILS
- 10.3 VERTICAL CABLE PASS THROUGH TO LEVEL BELOW, REF DETAILS
- 10.4 TOILET COMPARTMENTS
- 10.6 RECESSED FIRE EXTINGUISHER CABINET AND EXTINGUISHER
- 10.14 ADA SHOWER SEAT
- 10.15 SURFACE MOUNTED PAPER TOWEL DISPENSER
- 10.16 COUNTERTOP MOUNTED 4" DIA. CIRCULAR WASTE CHUTE
- 10.17 FLOOR-STANDING WASTE RECEPTACLE W/ OPEN TOP (TYP UNDER EACH CHUTE)
- 10.18 SOAP DISPENSER, OSC*
- 10.19 GRAB BAR
- 10.21 SANITARY NAPKIN DISPOSAL, TYP AT ALL WOMENS STALLS
- 10.22 COAT HOOK, TYP AT ALL PARTITIONS
- 10.23 RECESSED DIAPER CHANGING STATION
- 10.27 TOILET PAPER DISPENSER, OSC*
- 10.29 RECESSED PAPER TOWEL DISPENSER
- 10.32 URINAL SCREEN
- 10.33 FLAGPOLE
- 10.34 LOADING DOCK BUMPER
- 11.5 8" TALL ACOUSTIC CURTAIN, PROVIDE MATERIAL AND INSTALLATION COST AS PART OF BID ALTERNATE #2
- 11.7 18" TALL ACOUSTIC CURTAIN, PROVIDE MATERIAL AND INSTALLATION COST AS PART OF BID ALTERNATE #2
- 11.15 SCENERY WAGON, BY OWNER
- 11.16 REMOVABLE STAGE TRAP BEAMS - REF. THEATER DRAWINGS
- 11.17 WIRE ROPE GRID - SEE SPECIFICATIONS
- 12.1 MANUAL ROLLER SHADE - REF WINDOW TYPES AND SECTIONS
- 12.5 MENU BOARD AND MONITOR MOUNT BY OWNER, POWER/DATA OUTLET AND BACKING IN WALL FOR MONITOR MOUNT BY CONTRACTOR
- 12.6 THEATRICAL LIGHT FIXTURE BY OWNER, POWER/DATA OUTLET BY CONTRACTOR
- 12.7 SPRAY BOOTH EXHAUST PLENUM - SEE DETAILS
- 14.1 PASSENGER ELEVATOR
- 14.2 SERVICE ELEVATOR
- 14.3 ADA LIFT
- 22.2 ADA WATER CLOSET
- 22.3 ADA URINAL
- 22.5 FLOOR DRAIN
- 22.9 ADA RECESSED AND CHILLED ELECTRIC DRINKING FOUNTAIN
- 22.12 JANITORS SINK & BACKSPASH
- 22.14 HOSE BIB-REFER TO PLUMBING
- 22.15 STANDARD URINAL
- 22.19 PIPING, REF PLUMBING DRAWINGS
- 22.21 ADA SHOWER CONTROLS
- 22.24 LAVATORY - REF. PLUMBING
- 22.25 FAUCET - REF. PLUMBING
- 23.2 MECHANICAL EXHAUST FAN GRILLE
- 23.5 MECHANICAL DUCT - REF. MECHANICAL
- 23.10 MECHANICAL CONDENSING UNIT - REF. MECHANICAL
- 23.11 CHILLER SEE MECH DWGS
- 23.13 AIR HANDLING UNIT - REF. MECHANICAL
- 23.14 MECHANICAL EQUIPMENT - REF. MECHANICAL
- 23.15 BURIED MECHANICAL DUCT - REF. MECHANICAL
- 23.20 COOLING TOWER - REF. MECHANICAL
- 26.1 ELECTRIC LIGHT FIXTURE, REF ELECT.
- 26.5 ELECTRIC PANEL, REF. ELECT.
- 26.6 GENERATOR, REF. ELECT.
- 26.15 CABLE TRAY - REF. ELECTRICAL
- 26.18 TRANSFORMER, REF. ELECT.
- 26.17 CT BOX, REF. ELECT.
- 32.6 IRRIGATION CONTROLLER - REF. LANDSCAPE
- 32.8 CONCRETE PAVERS ON PEDESTALS
- 32.9 DECORATIVE GRAVEL BALLAST
- 32.10 BACKFLOW PREVENTION DEVICE - REF. LANDSCAPE

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Revisions

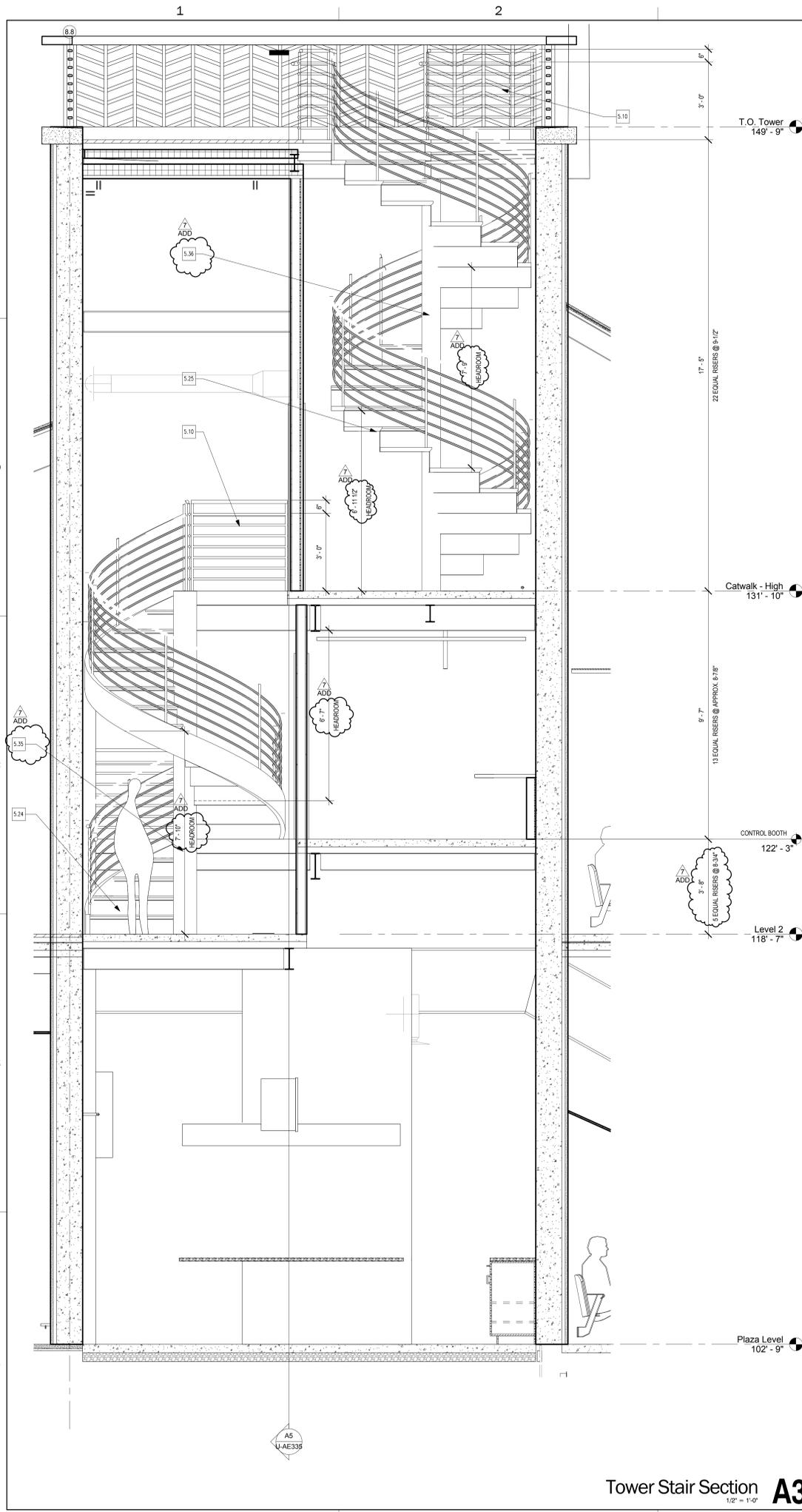
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| Addendum 06 | 2014, June 25 |
| Addendum 07 | 2014, July 08 |

date: 28 May 2014

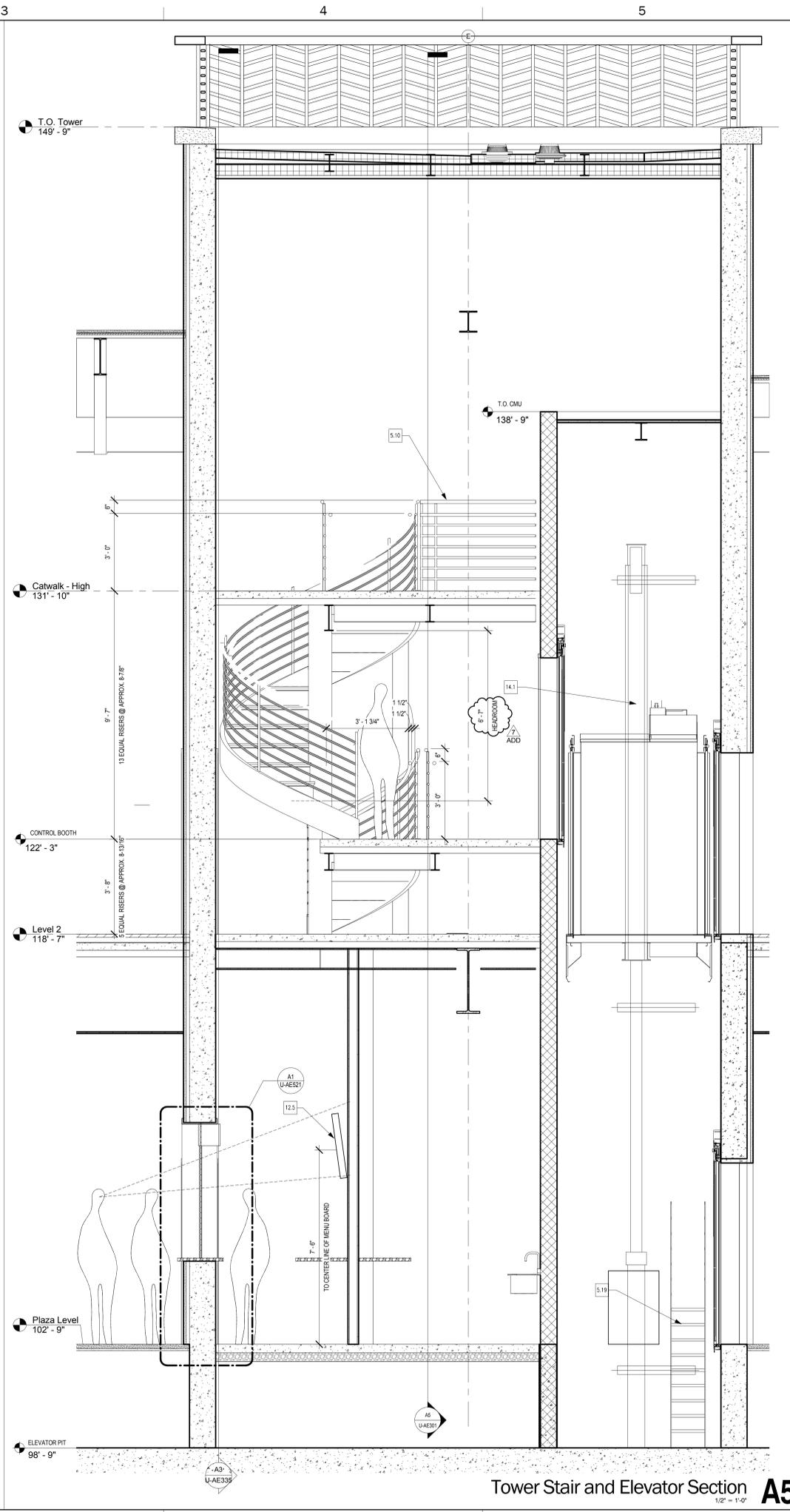
DFCM project no: 12218730

Bid Documents

Southern Utah University
Beverly Taylor Sorenson
Center for the Arts
Utah Shakespeare Festival Facility
Cedar City, Utah



Tower Stair Section **A3**
1/2" = 1'-0"



Tower Stair and Elevator Section **A5**
1/2" = 1'-0"

- 3.1 4" CONCRETE SLAB ON 4" COMPACTED GRAVEL FILL
- 3.2 CONCRETE FOOTING
- 3.3 CONCRETE SLAB OVER GRAVEL BASE - REF. STRUCTURAL
- 3.11 CONCRETE FOUNDATION WALL
- 3.15 CONCRETE COLUMN BASE - REF. STRUCTURAL
- 3.16 CONCRETE SLAB OVER METAL DECK - REF. STRUCTURAL
- 3.20 CONCRETE OVER STEEL PAN STAIRS
- 3.21 CONCRETE STAR
- 3.22 CONCRETE BASE FOR LIGHT BOLLARD
- 4.1 STONE CLAD CONCRETE SITE WALL - REF. ARCH AND LANDSCAPE DETAILS
- 4.2 STONE CLAD SITE STAIR
- 4.3 MASONRY COLUMN TYP. - REF. STRUCTURAL
- 4.4 OPENING IN MASONRY WALL FOR DOOR (SEE ADD ALTERNATE 1)
- 4.5 STONE CLAD METAL STUD FRAMED BENCH
- 5.1 STEEL COLUMN - REF. STRUCT.
- 5.3 STEEL BEAM - REF. STRUCT.
- 5.4 STEEL ANGLE - SEE STRUCT.
- 5.8 1-1/2" DIA. STAINLESS STEEL HAND RAIL - WALL MOUNTED, TERMINATE INTO WALL, TYP.
- 5.9 1-1/2" DIA. STAINLESS STEEL HAND RAIL - POST MOUNTED
- 5.10 1-1/2" DIA. STAINLESS STEEL HAND AND GUARDRAIL - POST MOUNTED
- 5.14 STEEL CHANNEL - REF. STRUCTURAL
- 5.19 ELEVATOR PIT LADDER
- 5.20 ACCESS LADDER - REF. SPECIFICATIONS
- 5.21 CODE COMPLIANT STEEL GRATE STAR, PLATFORM, AND RAILING TO DOOR LEVEL
- 5.22 WT SHAPE STEEL POST
- 5.23 STEEL STRINGER - REF. STRUCT.
- 5.24 STEEL SPIRAL STAIRCASE
- 5.25 ALUMINUM OR GALVANIZED STEEL SPIRAL STAIRCASE
- 5.26 CATWALK PLATFORM - METAL DECK WITH STEEL CHANNEL SIDE SUPPORTS, PLYWOOD TOP WITH CARPET SURFACE FINISH
- 5.27 CUSTOM FABRICATED STEEL FENCE WITH GATES
- 5.28 DECORATIVE RAIL - TYPE 1. SEE DETAILS A3 AND A4 ON SHEET U-AE21.
- 5.29 DECORATIVE RAIL - TYPE 2. SEE DETAILS A4 AND A5 ON SHEET U-AE24.
- 5.30 1-1/2" DIA. DARK BRONZE ANODIZED ALUMINUM HAND RAIL - POST MOUNTED
- 5.31 1-1/2" DIA. DARK BRONZE ANODIZED ALUMINUM HAND RAIL - WALL MOUNTED, TERMINATE INTO WALL, TYP.
- 5.32 STEEL OR ALUMINUM SHIPS LADDER WITH PLATFORM
- 5.33 ALUMINUM SHIPS LADDER WITH HANDRAIL
- 5.34 1-1/2" DIA. STEEL PIPE HAND RAIL - HANGER MOUNTED
- 5.35 1" STEEL PIPE 110" OUTER DIAMETER
- 5.38 8" GALVANIZED STEEL PIPE (8-5/8" OUTER DIAMETER)
- 6.3 SOLID SURFACE COUNTERTOP
- 6.10 GULLAM DECORATIVE COLUMN - 5 1/8" X 22 1/2"
- 6.11 GULLAM STAIR TREAD - 3 1/2" X 12"
- 6.12 1/2" GLASS STAIR GUARD
- 6.13 1-1/2" SQUARE WOOD HANDRAIL
- 6.15 4x10 DECORATIVE WOOD TIMBER
- 6.16 CARPET COVERED WOOD FRAMED RAMP FROM MOAT TO STAGE
- 6.17 6x6 DECORATIVE WOOD TIMBER, PAINTED
- 6.18 STAGE DECORATIVE RAILING - TYPE 1
- 6.19 STAGE DECORATIVE RAILING - TYPE 2
- 6.20 EXTENT OF TRAPPED STAGE AREA
- 6.21 CEDAR BENCH - 1-6" BY 7-6" W X 3" THICK CLEAR FINISHED W.R. CEDAR SLAB ON 2" DIA 1-3"
- 6.22 TROUGH THROUGH STAGE FLOOR - REF. ARCHITECTURAL DETAILS
- 6.23 TROUGH THROUGH TRAP FLOOR - REF. THEATER DRAWINGS
- 6.24 QUARTZ COUNTERTOP
- 7.1 RIDGE
- 7.3 CROCKET, MIN. SLOPE 18" PER FOOT, FORM W TAPERED RIGID INSULATION
- 7.7 ROOF DRAIN AND OVERFLOW DRAIN
- 7.8 R-13 Batts, MINERAL-FIBER BLANKET INSULATION
- 7.9 5" MIN. RIGID POLY-ISO INSULATOR - R-30 MIN.
- 7.10 BITUMINOUS DAMP PROOFING - SEE SPECIFICATIONS
- 7.11 FLEXIBLE WALKWAYS - INSTALL AROUND ALL RTU, TO ROOF DRAINS AND TO A BUILDING EDGE
- 7.12 ROOF HATCH
- 7.13 SINGLE PLY ROOF MEMBRANE
- 7.17 2" RIGID FOUNDATION INSULATION
- 7.23 DOWNSPOUT TO ROOF BELOW, PAINT TO MATCH STRUCTURE
- 7.25 WOOD VENEERED COMPOSITE PANEL SYSTEM WITH EXPOSED FASTENERS, COLOR/PATTERN 1
- 7.26 WOOD VENEERED COMPOSITE PANEL SYSTEM WITH EXPOSED FASTENERS, COLOR/PATTERN 2
- 7.29 ROOF ANCHOR - COORDINATE LOCATION WITH ARCHITECT AND STRUCTURE
- 7.32 SYNTHETIC SLATE ROOFING TILES
- 7.33 SNOW GUARDS AT ALL SYNTHETIC SLATE ROOFS - SEE SPECIFICATIONS
- 7.34 WOOD VENEERED COMPOSITE PANEL SYSTEM WITH EXPOSED FASTENERS, COLOR TO MATCH ADJACENT RAINSCREEN PANELS
- 7.35 DOWNSPOUT, PAINT TO MATCH STRUCTURE, TIE INTO STORM DRAIN SYSTEM, COORDINATE FINAL LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
- 7.36 DOWNSPOUT, PAINT TO MATCH STRUCTURE, DISCHARGE AT GRADE BELOW.
- 7.37 EXPOSED BATT INSULATION WITH SCHEM: R15
- 7.38 DASHED OUTLINE AND DIAGONAL HATCH INDICATES SPRAY APPLIED FIREPROOFING OVER BEAM AND/OR BEAM TO COLUMN CONNECTOR - 1 HR RATING
- 7.41 LOW PROFILE ROOF DRAIN CONCEALED UNDER PEDESTAL PAVERS - REF. MECHANICAL
- 7.50 PRE-FORMED METAL GUTTER
- 8.3 4-1/2" ANODIZED ALUM. STOREFRONT
- 8.7 7.5" ANODIZED ALUM. CURTAIN WALL
- 8.8 HAMILTON SAFE MODEL 145 DROP BOX WITH LOCKER; OR SIM. PROVIDE KEYLOCK ON FRONT FACE OF DROP BOX
- 8.10 HAMILTON SAFE 26TH X 21W X 21H D LOCKER WITH 1/2" D LOCKER WITH 1/2" STEEL DOOR AND COMBINATION LOCK, MOUNT TO CONCRETE FLOOR
- 8.23 8" TALL MIRROR, CONTINUOUS ALONG ENTIRE WALL
- 9.2 SUSPENDED GYPSUM BOARD CEILING
- 9.28 PROVIDE 4" WIDE X 4" TALL FIBRE-REINFORCED PLASTIC PANELS BEHIND SERVICE SINK
- 9.34 TONGUE AND GROOVE CEDAR SOFFIT
- 9.35 TECH ZONE OPENINGS IN WOOD CEILING, PAINT ALL STRUCTURAL, MECHANICAL, ELECTRICAL, AND AV COMPONENTS VISIBLE TO LEVEL BELOW, REF. THEATER DRAWINGS
- 10.1 HORIZONTAL CABLE PASS THROUGH, REF DETAILS
- 10.2 CABLE HOOK MOUNT, REF ELECTRICAL DETAILS
- 10.3 VERTICAL CABLE PASS THROUGH TO LEVEL BELOW, REF DETAILS
- 10.4 TOILET COMPARTMENTS
- 10.6 RECESSED FIRE EXTINGUISHER CABINET AND EXTINGUISHER
- 10.14 ADA SHOWER SEAT
- 10.15 SURFACE MOUNTED PAPER TOWEL DISPENSER
- 10.16 COUNTERTOP MOUNTED 4" DIA. CIRCULAR WASTE CHUTE
- 10.17 FLOOR-STANDING WASTE RECEPTACLE W/ OPEN TOP (TYP UNDER EACH CHUTE)
- 10.18 SOAP DISPENSER, OSC*
- 10.19 GRAB BAR
- 10.21 SANITARY NAPKIN DISPOSAL, TYP AT ALL WOMENS STALLS
- 10.22 COAT HOOK, TYP AT ALL PARTITIONS
- 10.23 RECESSED DAPER CHANGING STATION
- 10.27 TOILET PAPER DISPENSER, OSC*
- 10.29 RECESSED PAPER TOWEL DISPENSER
- 10.32 URINAL SCREEN
- 10.33 FLAGPOLE
- 10.34 LOADING DOCK BUMPER
- 11.5 8" TALL ACOUSTIC CURTAIN, PROVIDE MATERIAL AND INSTALLATION COST AS PART OF BID ALTERNATE #2
- 11.7 18" TALL ACOUSTIC CURTAIN, PROVIDE MATERIAL AND INSTALLATION COST AS PART OF BID ALTERNATE #2
- 11.15 SCENERY WAGON, BY OWNER
- 11.16 REMOVABLE STAGE TRAY BEAMS - REF. THEATER DRAWINGS
- 11.17 WIRE ROPE GRID - SEE SPECIFICATIONS
- 12. MANUAL ROLLER SHADE - REF WINDOW TYPES AND SECTIONS
- 12.5 MENU BOARD AND MONITOR MOUNT BY OWNER, POWER/DATA OUTLET AND BACKING IN WALL FOR MONITOR MOUNT BY CONTRACTOR
- 12.6 THEATRICAL LIGHT FIXTURE BY OWNER, POWER/DATA OUTLET BY CONTRACTOR
- 12.7 SPRAY BOOTH EXHAUST PLENUM - SEE DETAILS
- 14.1 PASSENGER ELEVATOR
- 14.2 SERVICE ELEVATOR
- 14.3 ADA LIFT
- 22.2 ADA WATER CLOSET
- 22.3 ADA URINAL
- 22.5 FLOOR DRAIN
- 22.9 ADA RECESSED AND CHILLED ELECTRIC DRINKING FOUNTAIN
- 22.12 JANITORS SINK & BACKSPASH
- 22.14 HOSE BIB-REFER TO PLUMBING
- 22.15 STANDARD URINAL
- 22.19 PIPING, REF PLUMBING DRAWINGS
- 22.21 ADA SHOWER CONTROLS
- 22.24 LAVATORY - REF. PLUMBING
- 22.25 FAUCET - REF. PLUMBING
- 23.2 MECHANICAL EXHAUST FAN GRILLE
- 23.5 MECHANICAL DUCT - REF. MECHANICAL
- 23.10 MECHANICAL CONDENSING UNIT - REF. MECHANICAL
- 23.11 CHILLER SEE MECH DWGS
- 23.13 AIR HANDLING UNIT - REF. MECHANICAL
- 23.14 MECHANICAL EQUIPMENT - REF. MECHANICAL
- 23.15 BURIED MECHANICAL DUCT - REF. MECHANICAL
- 23.20 COOLING TOWER - REF. MECHANICAL
- 26.1 ELECTRIC LIGHT FIXTURE, REF ELECT.
- 26.5 ELECTRIC PANEL, REF. ELECT.
- 26.6 GENERATOR, REF. ELECT.
- 26.15 CABLE TRAY - REF. ELECTRICAL
- 26.16 TRANSFORMER, REF. ELECT.
- 26.17 CT BOX, REF. ELECT.
- 32.6 IRRIGATION CONTROLLER - REF. LANDSCAPE
- 32.8 CONCRETE PAVERS ON PEDESTALS
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- 32.10 BACKFLOW PREVENTION DEVICE - REF. LANDSCAPE

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CARPARCHITECTURE

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Revisions

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| Addendum 07 | 2014, July 08 |
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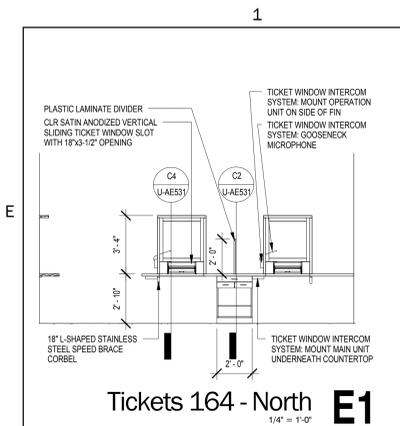
date: 28 May 2014

DFCM project no: 12218730

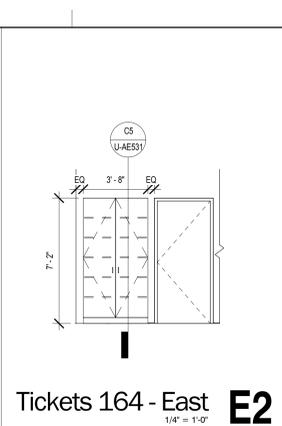
Bid Documents

Southern Utah University
Beverly Taylor Sorenson
Center for the Arts
Utah Shakespeare Festival Facility
Cedar City, Utah

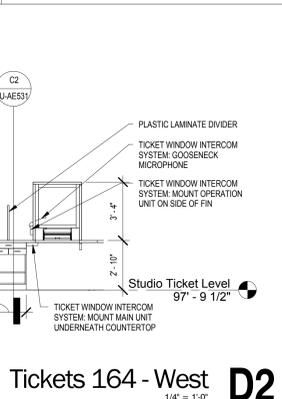
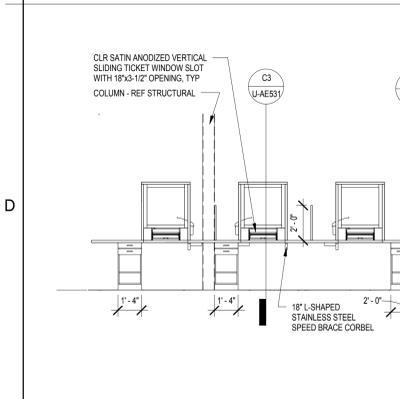
Stair and Elevator
Sections
U-AE335



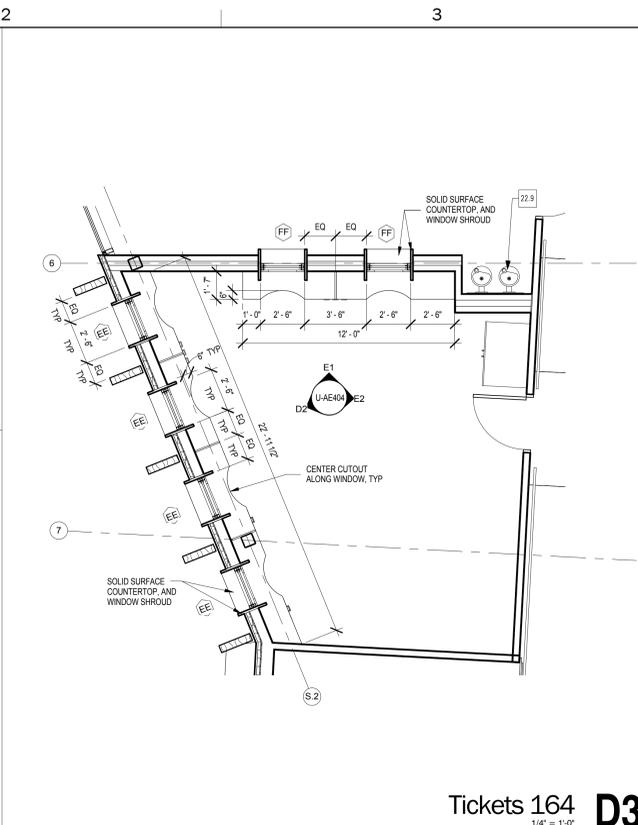
Tickets 164 - North **E1**
1/4" = 1'-0"



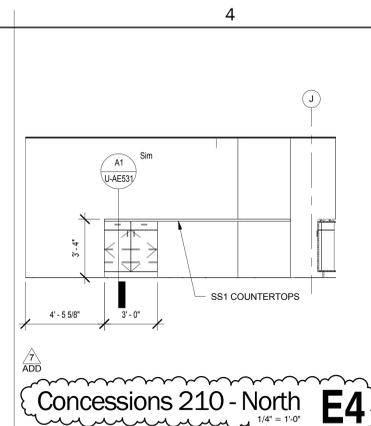
Tickets 164 - East **E2**
1/4" = 1'-0"



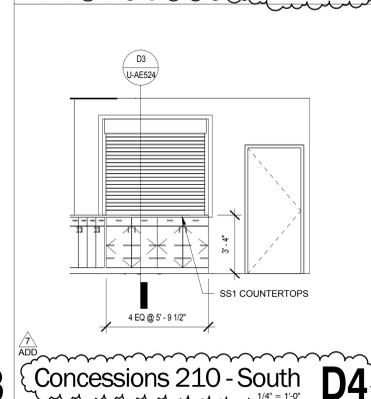
Tickets 164 - West **D2**
1/4" = 1'-0"



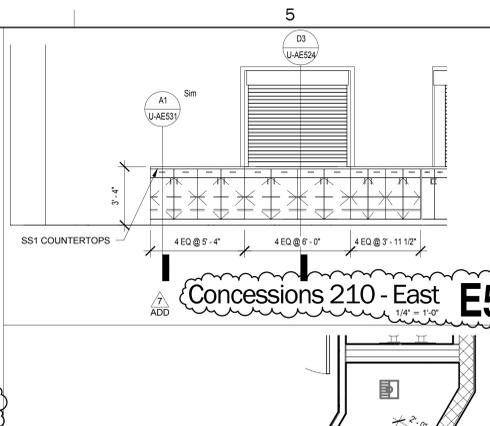
Tickets 164 **D3**
1/4" = 1'-0"



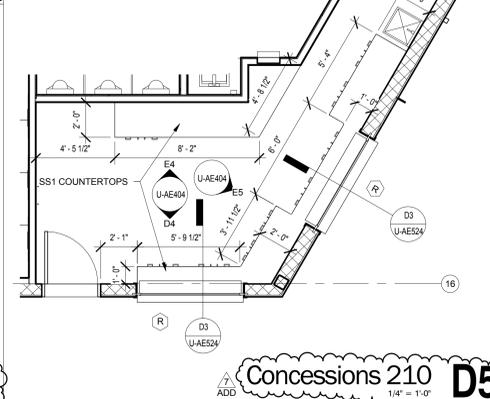
Concessions 210 - North **E4**
1/4" = 1'-0"



Concessions 210 - South **D4**
1/4" = 1'-0"



Concessions 210 - East **E5**
1/4" = 1'-0"



Concessions 210 **D5**
1/4" = 1'-0"

- 3.1 4" CONCRETE SLAB ON 4" COMPACTED GRAVEL FILL
- 3.2 CONCRETE FOOTING
- 3.3 CONCRETE SLAB OVER GRAVEL BASE - REF. STRUCTURAL
- 3.11 CONCRETE FOUNDATION WALL
- 3.15 CONCRETE COLUMN BASE - REF. STRUCTURAL
- 3.16 CONCRETE SLAB OVER METAL DECK - REF. STRUCTURAL
- 3.20 CONCRETE OVER STEEL PAN STAIRS
- 3.21 CONCRETE STAIR
- 3.22 CONCRETE BASE FOR LIGHT BOLLARD
- 4.1 STONE CLAD CONCRETE SITE WALL - REF. ARCH AND LANDSCAPE DETAILS
- 4.2 STONE CLAD SITE STAIR
- 4.3 MASONRY COLUMN TYP. - REF. STRUCTURAL
- 4.4 OPENING IN MASONRY WALL FOR DOOR (SEE ADD ALTERNATE 1)
- 4.5 STONE CLAD METAL STUD FRAMED BENCH
- 5.1 STEEL COLUMN - REF. STRUCT.
- 5.3 STEEL BEAM - REF. STRUCT.
- 5.4 STEEL ANGLE - SEE STRUCT.
- 5.8 1-1/2" DIA. STAINLESS STEEL HAND RAIL - WALL MOUNTED. TERMINATE INTO WALL, TYP.
- 5.9 1-1/2" DIA. STAINLESS STEEL HAND RAIL - POST MOUNTED
- 5.10 1-1/2" DIA. STAINLESS STEEL HAND AND GILDED RAIL - POST MOUNTED
- 5.14 STEEL CHANNEL - REF. STRUCT.
- 5.19 ELEVATOR PIT LADDER
- 5.20 ACCESS LADDER - REF. SPECIFICATIONS
- 5.21 COSE COMBUSTIBLE STEEL GRATE STAIR PLATFORM AND RAILING TO DOOR LEVEL
- 5.22 WT SHAPE STEEL POST
- 5.23 STEEL STRINGER - REF. STRUCT.
- 5.24 STEEL SPIRAL STAIRCASE
- 5.25 ALUMINUM OR GALVANIZED STEEL SPIRAL STAIRCASE
- 5.26 CATWALK PLATFORM - METAL DECK WITH STEEL CHANNEL SIDE SUPPORTS, PLYWOOD TOP WITH CARPET SURFACE FINISH
- 5.27 CUSTOM FABRICATED STEEL FENCE WITH GATES
- 5.28 DECORATIVE RAIL - TYPE 1. SEE DETAILS A4 AND A4 ON SHEET U-AE421
- 5.29 DECORATIVE RAIL - TYPE 2. SEE DETAILS A4 AND A4 ON SHEET U-AE424
- 5.30 1-1/2" DIA. DARK BRONZE ANODIZED ALUMINUM HAND RAIL - POST MOUNTED
- 5.31 1-1/2" DIA. DARK BRONZE ANODIZED ALUMINUM HAND RAIL - WALL MOUNTED. TERMINATE INTO WALL, TYP.
- 5.32 STEEL OR ALUMINUM SHIPSLADDER WITH PLATFORM
- 5.33 ALUMINUM SHIPSLADDER WITH HANDRAIL
- 5.34 1-1/2" DIA. STEEL PIPE HAND RAIL - HANGER MOUNTED
- 5.35 1" STEEL PIPE (10" OUTER DIAMETER)
- 5.38 8" GALVANIZED STEEL PIPE (8-5/8" OUTER DIAMETER)
- 6.3 SOLID SURFACE COUNTERTOP
- 6.10 GULLAM DECORATIVE COLUMN - 5 1/8" x 22 1/2"
- 6.11 GULLAM STAIR TREAD - 3 1/2 x 12
- 6.12 1/2" GLASS STAIR GUARD
- 6.13 1-1/2" SQUARE WOOD HANDRAIL
- 6.15 4x10 DECORATIVE WOOD TIMBER
- 6.16 CARPET COVERED WOOD FRAMED RAMP FROM MOAT TO STAGE
- 6.17 6x6 DECORATIVE WOOD TIMBER, PAINTED
- 6.18 STAGE DECORATIVE RAILING - TYPE 1
- 6.19 STAGE DECORATIVE RAILING - TYPE 2
- 6.20 EXTENT OF TRAPPED STAGE AREA
- 6.21 CEDAR BENCH - 1 1/2" BY 7 1/2" BY 7 1/2" X 3" THICK CLEAR FINISHED W.R. CEDAR SLAB ON 2" DIA. 1" X 3" TALL STAINLESS STEEL LEGS
- 6.22 TROUGH THROUGH STAGE FLOOR - REF. ARCHITECTURAL DETAILS
- 6.23 TROUGH THROUGH TRAP FLOOR - REF. THEATER DRAWINGS
- 6.24 QUARTZ COUNTERTOP
- 7.1 RIDGE
- 7.3 CROCKET. MIN. SLOPE 1/8" PER FOOT. FORM W/ TAPERED RIGID INSULATION
- 7.7 ROOF DRAIN AND OVERFLOW DRAIN
- 7.8 R-13 BATS, MINERAL-FIBER BLANKET INSULATION
- 7.9 5" MIN. RIGID POLY-ISO INSULATION R-30 MIN.
- 7.10 BITUMINOUS DAMP PROOFING - SEE SPECIFICATIONS
- 7.11 FLEXIBLE WALKWAYS - INSTALL AROUND ALL RTU, TO ROOF DRAINS AND TO A BUILDING EDGE
- 7.12 ROOF HATCH
- 7.13 SINGLE PLY ROOF MEMBRANE
- 7.17 2" RIGID FOUNDATION INSULATION
- 7.23 DOWNSPOUT TO ROOF BELOW. PAINT TO MATCH STRUCTURE
- 7.25 WOOD VENEERED COMPOSITE PANEL SYSTEM WITH EXPOSED FASTENERS, COLOR/PATTERN 1
- 7.26 WOOD VENEERED COMPOSITE PANEL SYSTEM WITH EXPOSED FASTENERS, COLOR/PATTERN 2
- 7.29 ROOF ANCHOR - COORDINATE LOCATION WITH ARCHITECT AND STRUCTURE
- 7.32 SYNTHETIC SLATE ROOFING TILES
- 7.33 SNOW GUARDS AT ALL SYNTHETIC SLATE ROOFS - SEE SPECIFICATIONS
- 7.34 WOOD VENEERED COMPOSITE PANEL SYSTEM WITH EXPOSED FASTENERS. COLOR TO MATCH ADJACENT RAINSCREEN PANELS
- 7.35 DOWNSPOUT. PAINT TO MATCH STRUCTURE. TIE INTO STORM DRAIN SYSTEM. COORDINATE FINAL LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
- 7.36 DOWNSPOUT. PAINT TO MATCH STRUCTURE. DISCHARGE AT GRADE BELOW.
- 7.37 EXPOSED BATT INSULATION WITH SCHEM - R15
- 7.38 DASHED OUTLINE AND DIAGONAL HATCH INDICATES SPRAY APPLIED FIREPROOFING OVER BEAM AND/OR BEAM TO COLUMN CONNECTOR. 1 HR RATING
- 7.41 LOW PROFILE ROOF DRAIN CONCEALED UNDER PEDESTAL PAVERS - REF. MECHANICAL
- 7.50 PRE-FORMED METAL GUTTER
- 8.3 4-1/2" ANODIZED ALUM. STOREFRONT
- 8.7 7.5" ANODIZED ALUM. CURTAIN WALL
- 8.8 HAMILTON SAFE MODEL 145 DROP BOX WITH LOCKER; OR SIM. PROVIDE KEYLOCK ON FRONT FACE OF DROP BOX
- 8.10 HAMILTON SAFE 26TH x 21 1/2" x 12" D LOCKER WITH 1/2" THICK STEEL DOOR AND COMBINATION LOCK. MOUNT TO CONCRETE FLOOR
- 8.23 8" TALL MIRROR, CONTINUOUS ALONG ENTIRE WALL
- 9.2 SUSPENDED GYPSUM BOARD CEILING
- 9.28 PROVIDE 4" WIDE X 4" TALL FIBRE-REINFORCED PLASTIC PANELS BEHIND SERVICE SINK
- 9.34 TONGUE AND GROOVE CEDAR SOFFIT
- 9.35 TECH ZONE OPENINGS IN WOOD CEILING. PAINT ALL STRUCTURAL, MECHANICAL, ELECTRICAL, AND AV COMPONENTS VISIBLE THROUGH THE TECH ZONE PTZ.
- 10.1 HORIZONTAL CABLE PASS THROUGH. REF. DETAILS
- 10.2 CABLE HOOK MOUNT. REF. ELECTRICAL DETAILS
- 10.3 VERTICAL CABLE PASS THROUGH TO LEVEL BELOW. REF. DETAILS
- 10.4 TOILET COMPARTMENTS
- 10.6 RECESSED FIRE EXTINGUISHER CABINET AND EXTINGUISHER
- 10.14 ADA SHOWER SEAT
- 10.15 SURFACE MOUNTED PAPER TOWEL DISPENSER
- 10.16 COUNTERTOP MOUNTED 4" DIA. CIRCULAR WASTE CHUTE
- 10.17 FLOOR-STANDING WASTE RECEPTACLE W/ OPEN TOP TYP UNDER EACH CHUTE
- 10.18 SOAP DISPENSER, OSC*
- 10.19 GRAB BAR
- 10.21 SANITARY NAPKIN DISPOSAL, TYP AT ALL WOMEN'S STALLS
- 10.22 COAT HOOK, TYP AT ALL PARTITIONS
- 10.23 RECESSED DAPPER CHANGING STATION
- 10.27 TOILET PAPER DISPENSER, OSC*
- 10.29 RECESSED PAPER TOWEL DISPENSER
- 10.32 URINAL SCREEN
- 10.33 FLAGPOLE
- 10.34 LOADING DOCK BUMPER
- 11.6 8" TALL ACOUSTIC CURTAIN. PROVIDE MATERIAL AND INSTALLATION COST AS PART OF BID ALTERNATE #2
- 11.7 18" TALL ACOUSTIC CURTAIN. PROVIDE MATERIAL AND INSTALLATION COST AS PART OF BID ALTERNATE #2
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- 11.17 WIRE ROPE GRID - SEE SPECIFICATIONS
- 12.1 MANUAL ROLLER SHADE - REF. WINDOW TYPES AND SECTIONS
- 12.2 MENU BOARD AND MONITOR MOUNT BY OWNER. POWER/DATA OUTLET AND BACKING IN WALL FOR MONITOR MOUNT BY CONTRACTOR
- 12.5 THEATRICAL LIGHT FIXTURE BY OWNER. POWER/DATA OUTLET BY CONTRACTOR
- 12.7 SPRAY BOOTH EXHAUST PLENUM - SEE DETAILS
- 14.1 PASSENGER ELEVATOR
- 14.2 SERVICE ELEVATOR
- 14.3 ADA LIFT
- 22.2 ADA WATER CLOSET
- 22.3 ADA URINAL
- 22.5 FLOOR DRAIN
- 22.9 ADA RECESSED AND CHILLED ELECTRIC DRINKING FOUNTAIN
- 22.12 JANITORS SINK & BACKSPLASH
- 22.14 HOSE BIB-REFER TO PLUMBING
- 22.15 STANDARD URINAL
- 22.19 PIPING, REF. PLUMBING DRAWINGS
- 22.21 ADA SHOWER CONTROLS
- 22.24 LAVATORY - REF. PLUMBING
- 22.25 FAUCET - REF. PLUMBING
- 23.2 MECHANICAL EXHAUST FAN GRILLE
- 23.5 MECHANICAL DUCT - REF. MECHANICAL
- 23.10 MECHANICAL CONDENSING UNIT - REF. MECHANICAL
- 23.11 CHILLER SEE MECH DWGS
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- 23.15 BURIED MECHANICAL DUCT - REF. MECHANICAL
- 23.20 COOLING TOWER - REF. MECHANICAL
- 26.1 ELECTRIC LIGHT FIXTURE, REF. ELECT.
- 26.5 ELECTRIC PANEL, REF. ELECT.
- 26.6 GENERATOR, REF. ELECT.
- 26.15 CABLE TRAY - REF. ELECTRICAL
- 26.16 TRANSFORMER, REF. ELECT.
- 26.17 CT BOX, REF. ELECT.
- 32.6 IRRIGATION CONTROLLER - REF. LANDSCAPE
- 32.8 CONCRETE PAVERS ON PEDESTALS
- 32.9 DECORATIVE GRAVEL BALLAST
- 32.10 BACKFLOW PREVENTION DEVICE - REF. LANDSCAPE

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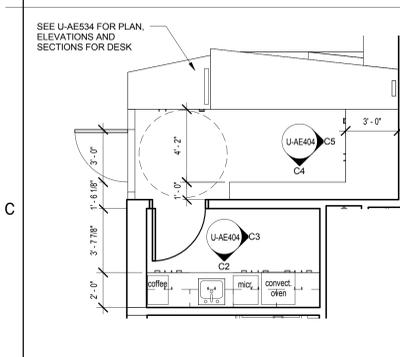
Revisions

| | |
|-------------|---------------|
| Addendum 03 | 2014, June 10 |
| Addendum 05 | 2014, June 20 |
| Addendum 06 | 2014, June 25 |
| Addendum 07 | 2014, July 08 |

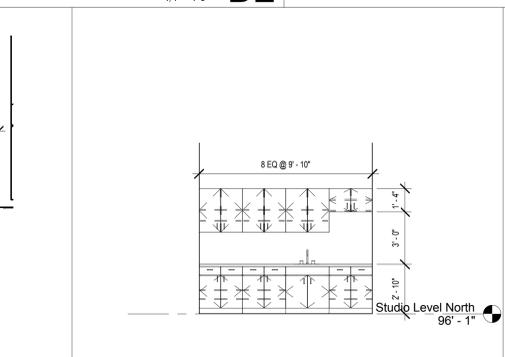
date: 28 May 2014
DFCM project no: 12218730
Bid Documents

Southern Utah University
Beverly Taylor Sorenson
Center for the Arts
Utah Shakespeare Festival Facility
Cedar City, Utah

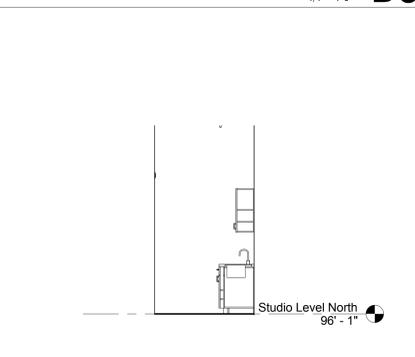
Enlarged Plans & Elevations
U-AE404



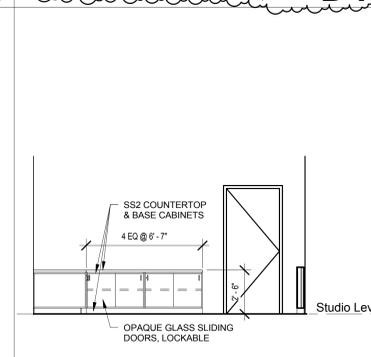
Enlarged Studio Concessions **C1**
1/4" = 1'-0"



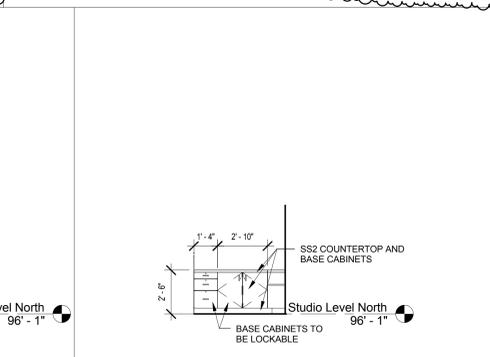
Storage 171 - South **C2**
1/4" = 1'-0"



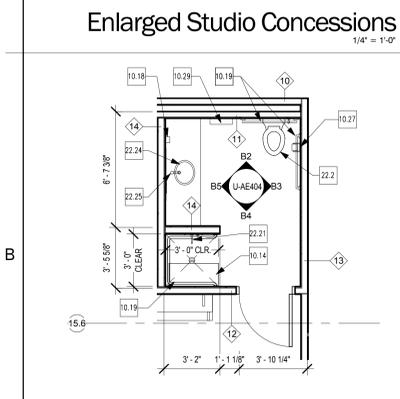
Storage 171 - East **C3**
1/4" = 1'-0"



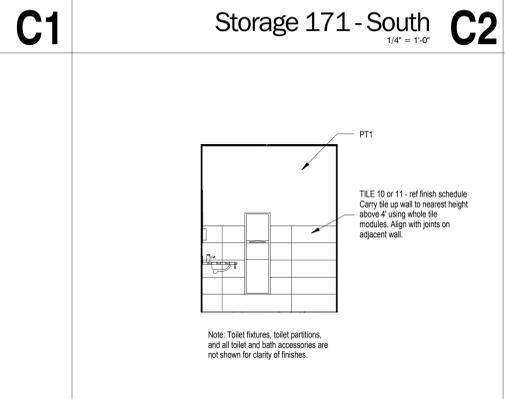
Studio Concessions - South **C4**
1/4" = 1'-0"



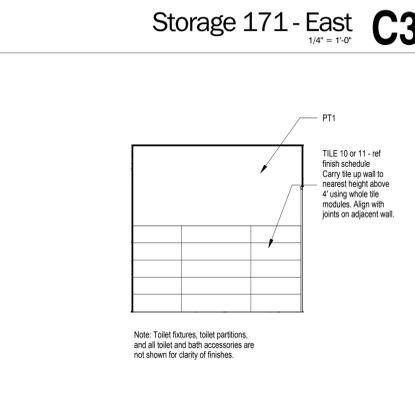
Studio Concessions - East **C5**
1/4" = 1'-0"



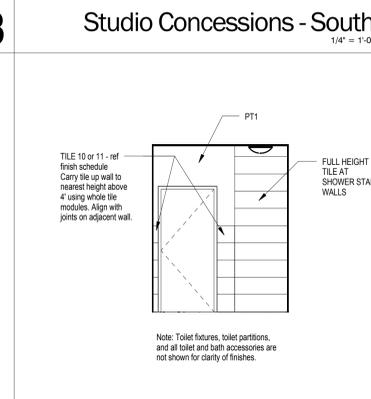
Unisex Restroom Plan **B1**
1/4" = 1'-0"



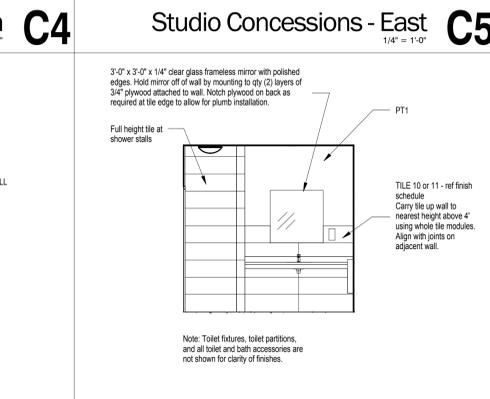
Unisex Restroom North **B2**
1/4" = 1'-0"



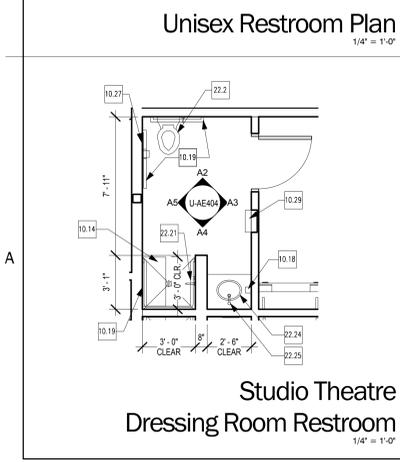
Unisex Restroom East **B3**
1/4" = 1'-0"



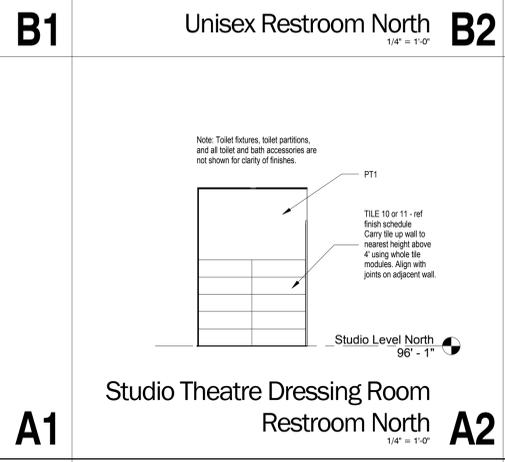
Unisex Restroom South **B4**
1/4" = 1'-0"



Unisex Restroom West **B5**
1/4" = 1'-0"



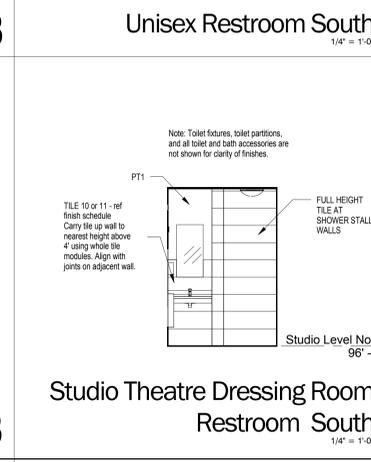
Studio Theatre Dressing Room Restroom **A1**
1/4" = 1'-0"



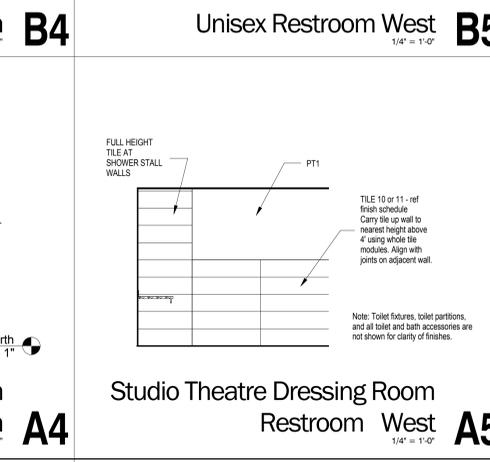
Studio Theatre Dressing Room Restroom North **A2**
1/4" = 1'-0"



Studio Theatre Dressing Room Restroom East **A3**
1/4" = 1'-0"

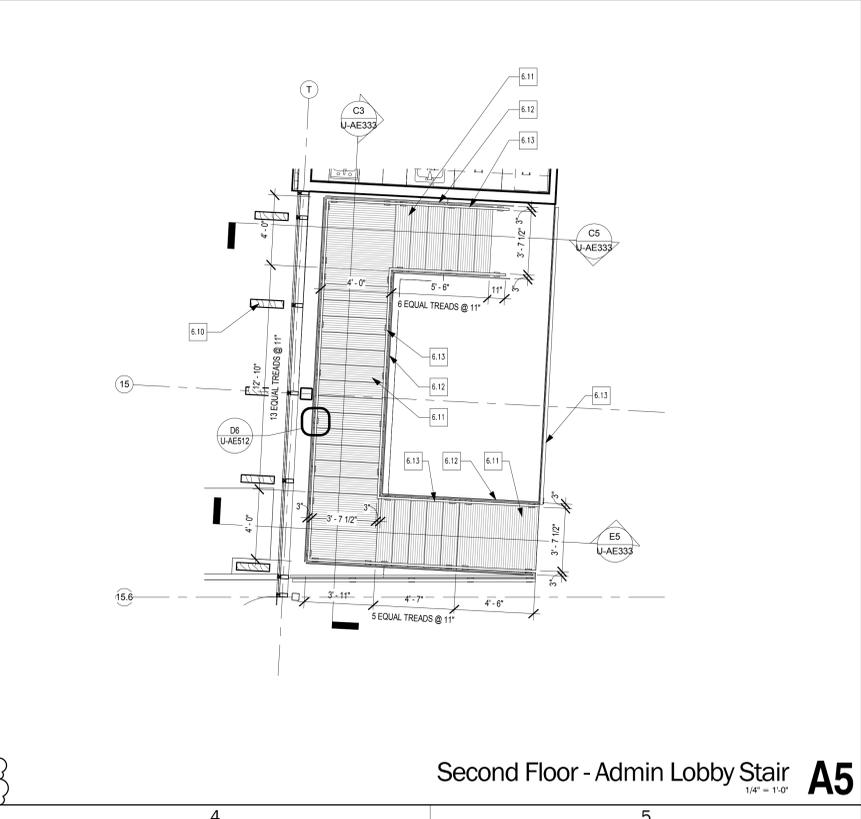
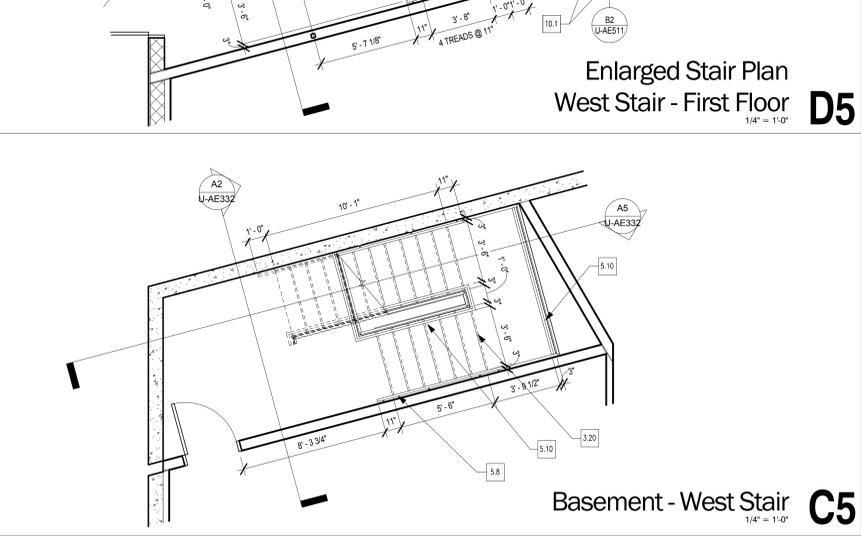
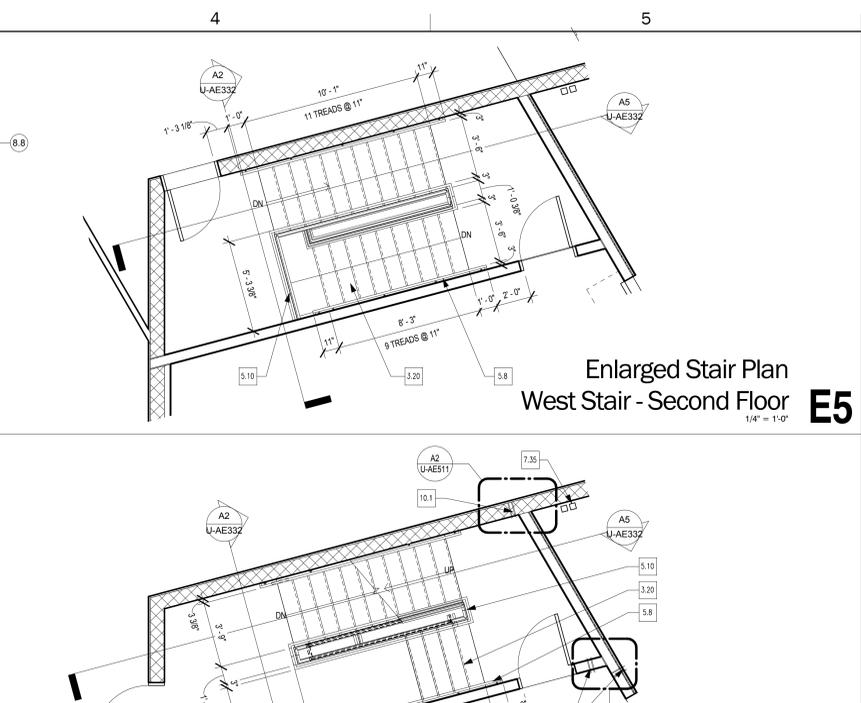
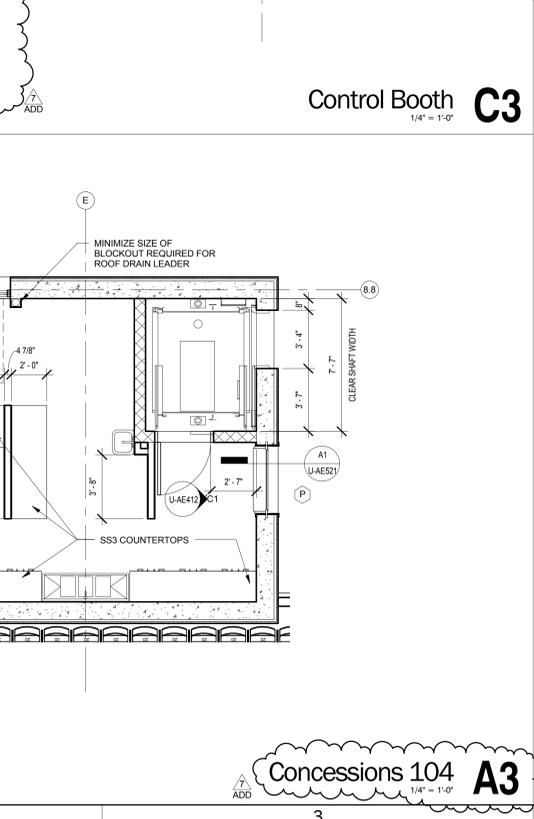
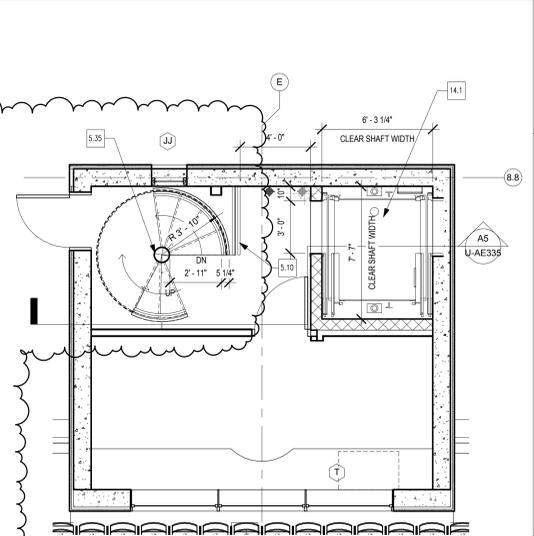
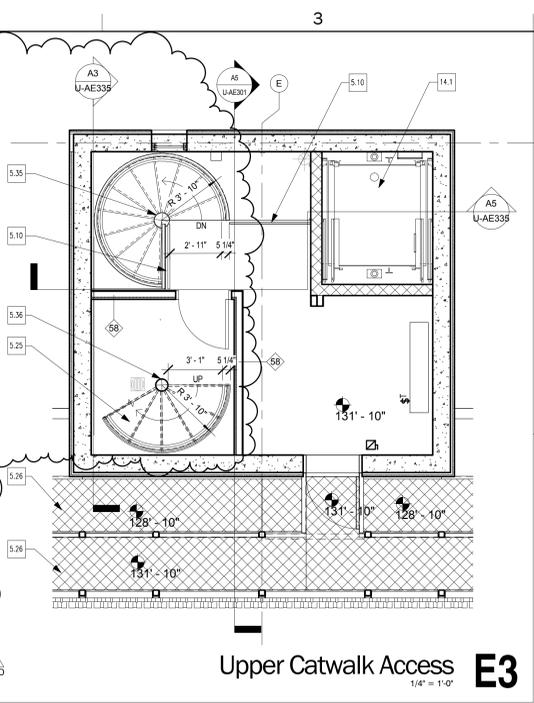
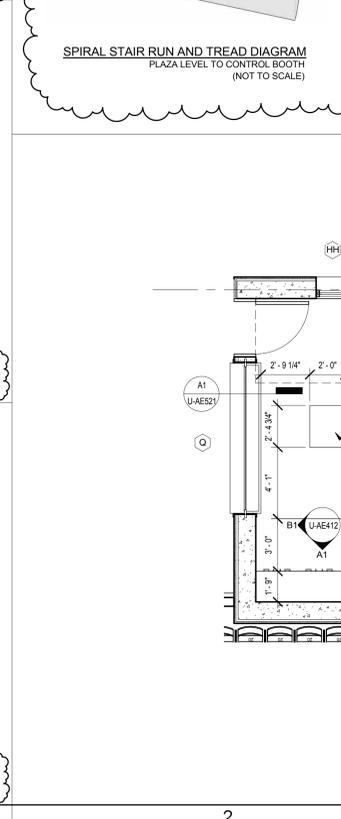
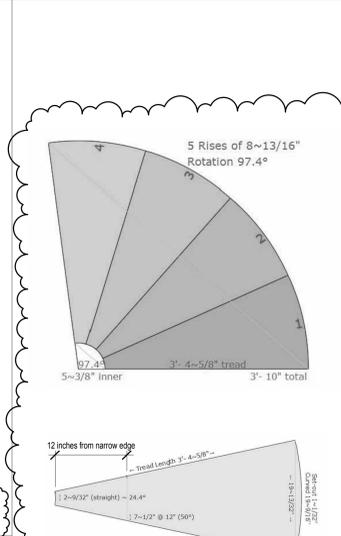
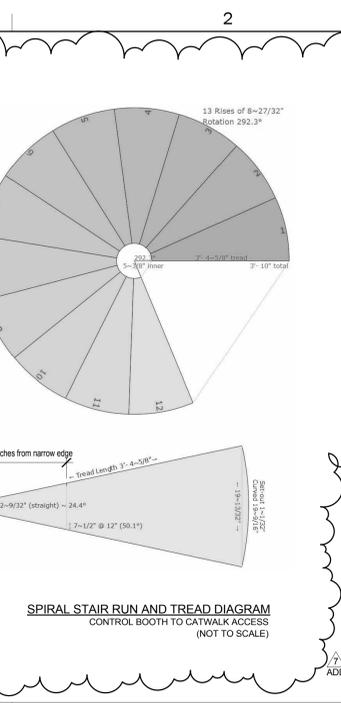
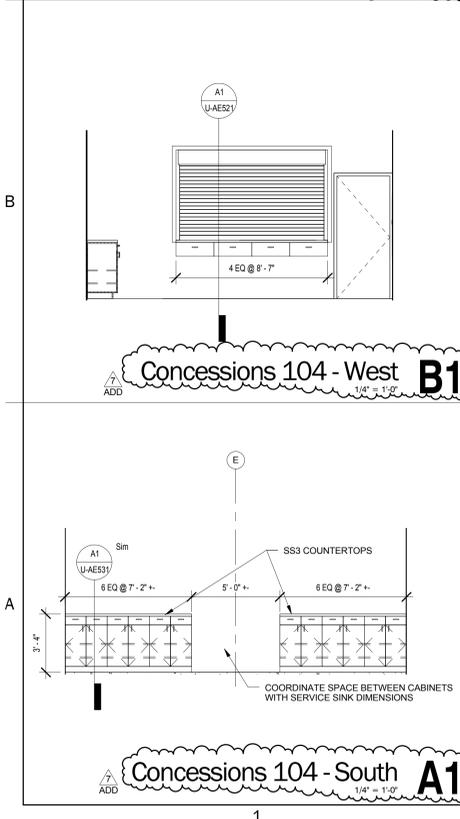
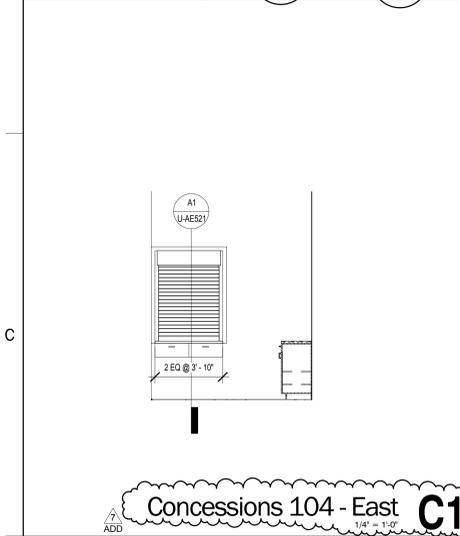
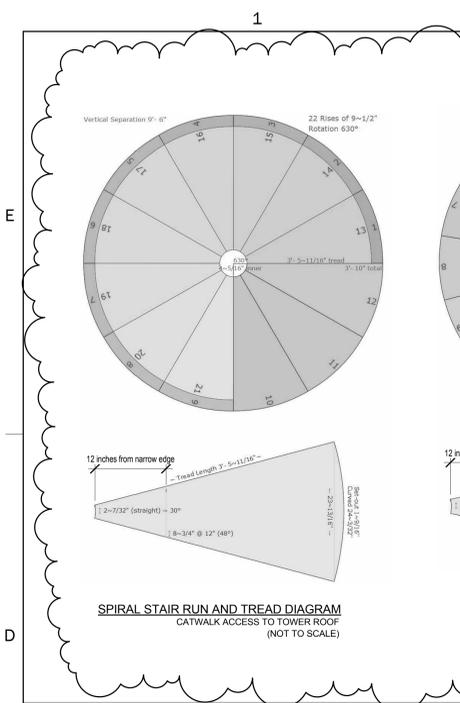


Studio Theatre Dressing Room Restroom South **A4**
1/4" = 1'-0"



Studio Theatre Dressing Room Restroom West **A5**
1/4" = 1'-0"

Enlarged Plans & Elevations
U-AE404



- 3.1 4" CONCRETE SLAB ON 4" COMPACTED GRAVEL FILL
- 3.2 CONCRETE FOOTING
- 3.3 CONCRETE SLAB OVER GRAVEL BASE - REF. STRUCTURAL
- 3.11 CONCRETE FOUNDATION WALL
- 3.15 CONCRETE COLUMN BASE - REF. STRUCTURAL
- 3.16 CONCRETE SLAB OVER METAL DECK - REF. STRUCTURAL
- 3.20 CONCRETE OVER STEEL PAN STAIRS
- 3.21 CONCRETE STAIR
- 3.22 CONCRETE BASE FOR LIGHT BOLLARD
- 4.1 STONE CLAD CONCRETE SITE WALL - REF. ARCH AND LANDSCAPE DETAILS
- 4.2 STONE CLAD SITE STAIR
- 4.3 MASONRY COLUMN TYP. - REF. STRUCTURAL
- 4.4 OPENING IN MASONRY WALL FOR DOOR (SEE ADD ALTERNATE 1)
- 4.5 STONE CLAD METAL STUD FRAMED BENCH
- 5.1 STEEL COLUMN - REF. STRUCT.
- 5.3 STEEL BEAM - REF. STRUCT.
- 5.4 STEEL ANGLE - SEE STRUCT.
- 5.8 1-1/2" DIA. STAINLESS STEEL HAND RAIL - WALL MOUNTED, TERMINATE INTO WALL, TYP.
- 5.9 1-1/2" DIA. STAINLESS STEEL HAND RAIL - POST MOUNTED
- 5.10 1-1/2" DIA. STAINLESS STEEL HAND AND GILGURAL - POST MOUNTED
- 5.14 STEEL CHANNEL - REF. STRUCT.
- 5.19 ELEVATOR PIT LADDER
- 5.20 ACCESS LADDER - REF. SPECIFICATIONS
- 5.21 CODE COMPLIANT STEEL GRATE STAIR, PLATFORM, AND RAILING TO DOOR LEVEL
- 5.22 WT SHAPE STEEL POST
- 5.23 STEEL STRINGER - REF. STRUCT.
- 5.24 STEEL SPIRAL STAIRCASE
- 5.25 ALUMINUM OR GALVANIZED STEEL SPIRAL STAIRCASE
- 5.26 CATWALK PLATFORM - METAL DECK WITH STEEL CHANNEL SIDE SUPPORTS, PLYWOOD TOP WITH CARPET SURFACE FINISH
- 5.27 CUSTOM FABRICATED STEEL FENCE WITH GATES
- 5.28 DECORATIVE RAIL - TYPE 1. SEE DETAILS A4 AND A5 ON SHEET U-AE421.
- 5.29 DECORATIVE RAIL - TYPE 2. SEE DETAILS A4 AND A5 ON SHEET U-AE424.
- 5.30 1-1/2" DIA. DARK BRONZE ANODIZED ALUMINUM HAND RAIL - POST MOUNTED
- 5.31 1-1/2" DIA. DARK BRONZE ANODIZED ALUMINUM HAND RAIL - WALL MOUNTED, TERMINATE INTO WALL, TYP.
- 5.32 STEEL OR ALUMINUM SHIPS LADDER WITH PLATFORM
- 5.33 ALUMINUM SHIPS LADDER WITH HANDRAIL
- 5.34 1-1/2" DIA. STEEL PIPE HAND RAIL - HANGER MOUNTED
- 5.35 1/2" STEEL PIPE (1/2" OUTER DIAMETER)
- 5.38 8" GALVANIZED STEEL PIPE (8-5/8" OUTER DIAMETER)
- 6.3 SOLID SURFACE COUNTERTOP
- 6.10 GULLAM DECORATIVE COLUMN - 5 1/8" x 22 1/2"
- 6.11 GULLAM STAIR TREAD - 3 1/2" X 12"
- 6.12 1/2" GLASS STAIR GUARD
- 6.13 1-1/2" SQUARE WOOD HANDRAIL
- 6.15 4x10 DECORATIVE WOOD TIMBER
- 6.16 CARPET COVERED WOOD FRAMED RAMP FROM MOAT TO STAGE
- 6.17 6x6 DECORATIVE WOOD TIMBER, PAINTED
- 6.18 STAGE DECORATIVE RAILING - TYPE 1
- 6.19 STAGE DECORATIVE RAILING - TYPE 2
- 6.20 EXTENT OF TRAPPED STAGE AREA
- 6.21 CEDAR BENCH - 1-4" BY 7-6" BY 7-6" X 3" THICK CLEAR FINISHED W.R. CEDAR SLAB ON 2" DIA. 1-3" TALL STAINLESS STEEL LEGS
- 6.22 TROUGH THROUGH STAGE FLOOR - REF. ARCHITECTURAL DETAILS
- 6.23 TROUGH THROUGH TRAP FLOOR - REF. THEATER DRAWINGS
- 6.24 QUARTZ COUNTERTOP
- 7.1 RIDGE
- 7.3 CROCKET. MIN. SLOPE 1/8" PER FOOT. FORM W/ TAPERED RIGID INSULATION
- 7.7 ROOF DRAIN AND OVERFLOW DRAIN
- 7.8 R-13 BATS, MINERAL-FIBER BLANKET INSULATION
- 7.9 5" MIN. RIGID POLY-ISO INSULATION - 30 MIN.
- 7.10 BITUMINOUS DAMP PROOFING - SEE SPECIFICATIONS
- 7.11 FLEXIBLE WALKWAYS - INSTALL AROUND ALL RTU, TO ROOF DRAINS AND TO A BUILDING EDGE
- 7.12 ROOF HATCH
- 7.13 SINGLE PLY ROOF MEMBRANE
- 7.17 2" RIGID FOUNDATION INSULATION
- 7.23 DOWNSPOUT TO ROOF BELOW. PAINT TO MATCH STRUCTURE
- 7.25 WOOD VENEERED COMPOSITE PANEL SYSTEM WITH EXPOSED FASTENERS, COLOR/PATTERN 1
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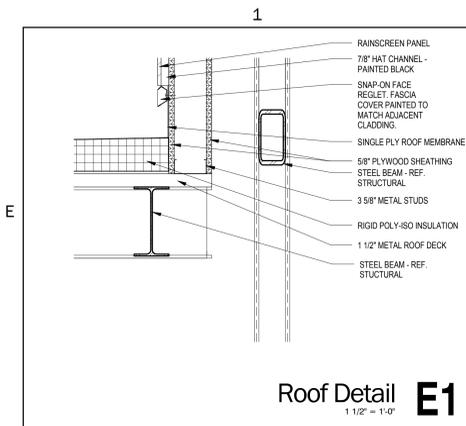
Revisions

| | |
|-------------|---------------|
| Addendum 03 | 2014, June 10 |
| Addendum 06 | 2014, June 25 |
| Addendum 07 | 2014, July 08 |

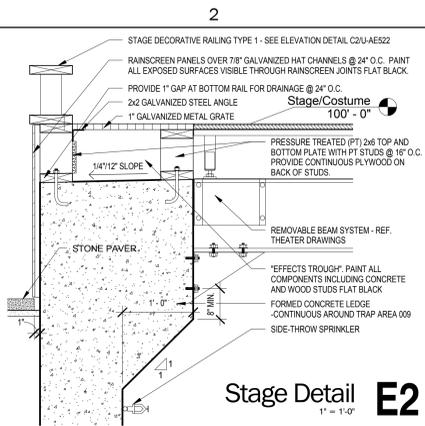
date: 28 May 2014
DFCM project no: 12218730
Bid Documents

Southern Utah University
Beverly Taylor Sorenson
Center for the Arts
Utah Shakespeare Festival Facility
Cedar City, Utah

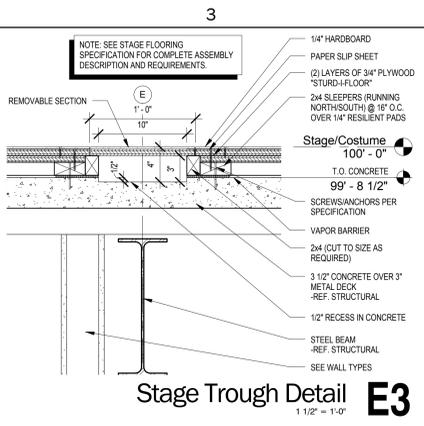
Enlarged Stair and Elevator Plans
U-AE412



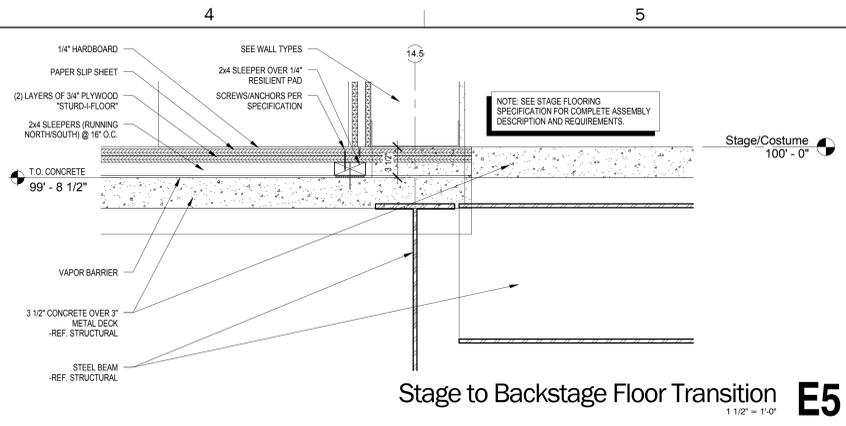
Roof Detail E1
1 1/2" = 1'-0"



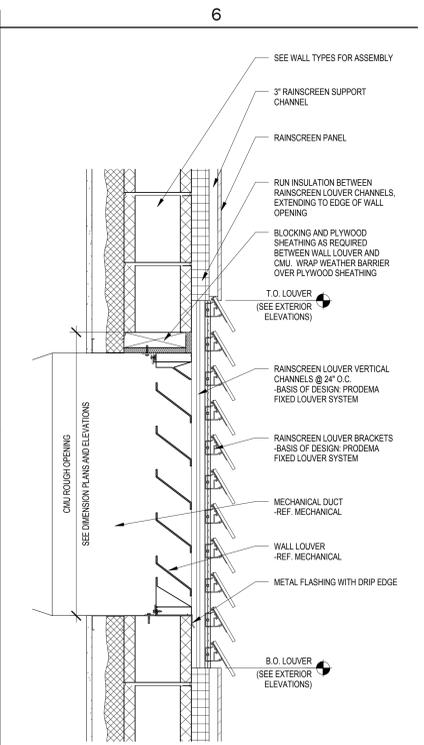
Stage Detail E2
1" = 1'-0"



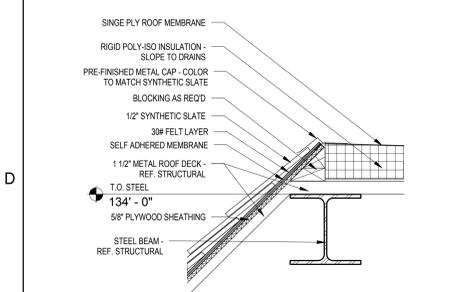
Stage Trough Detail E3
1 1/2" = 1'-0"



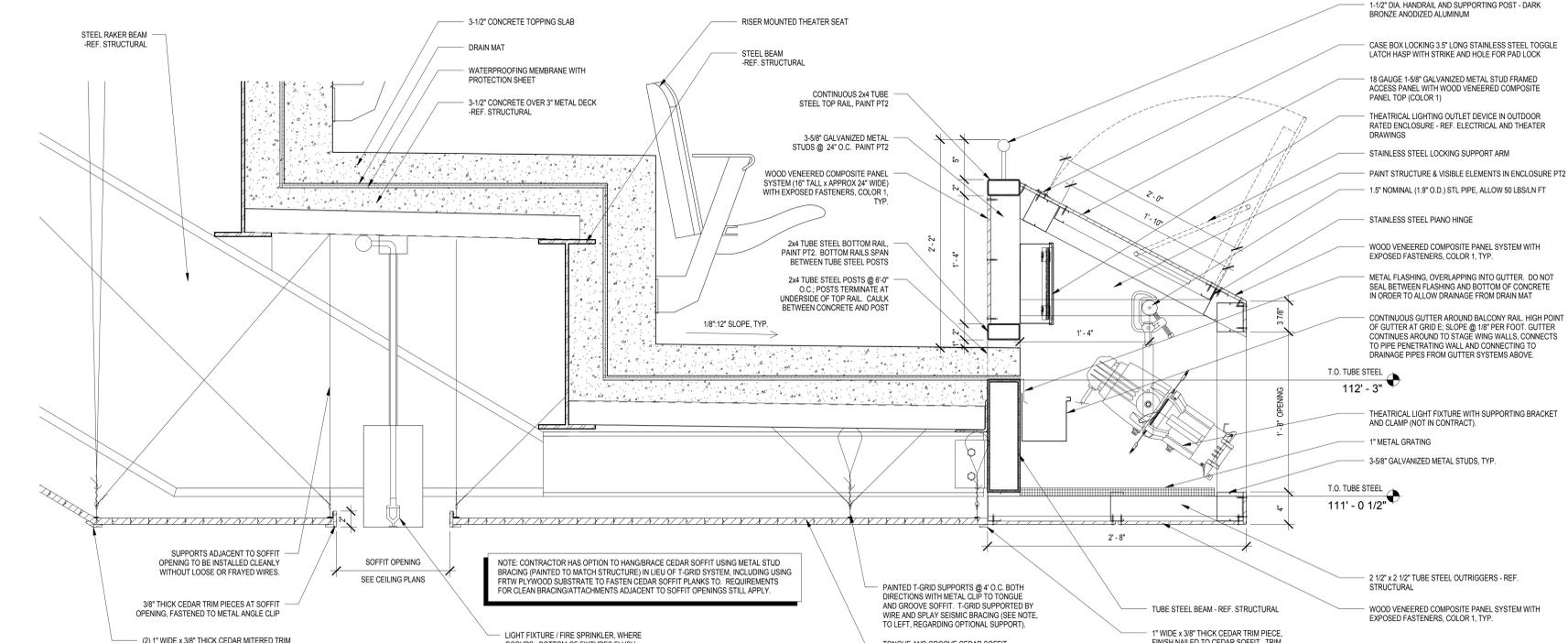
Stage to Backstage Floor Transition E5
1 1/2" = 1'-0"



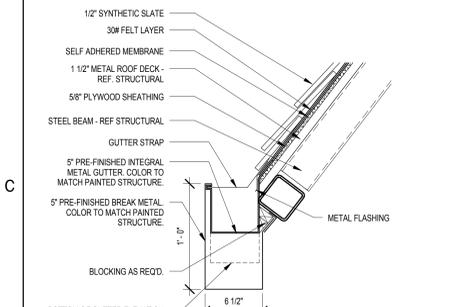
Rainscreen Mechanical Louver D6
1 1/2" = 1'-0"



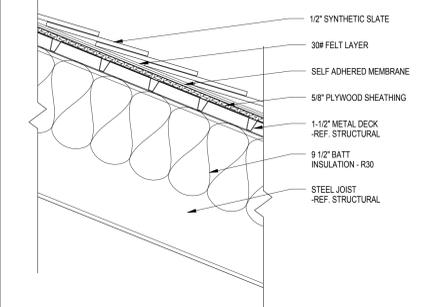
Theatre Roof Detail D1
1 1/2" = 1'-0"



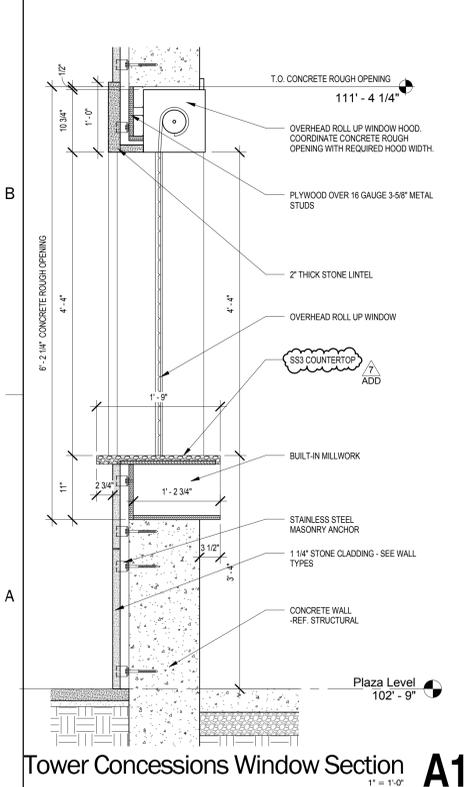
Balcony Rail Lighting Position C5
1 1/2" = 1'-0"



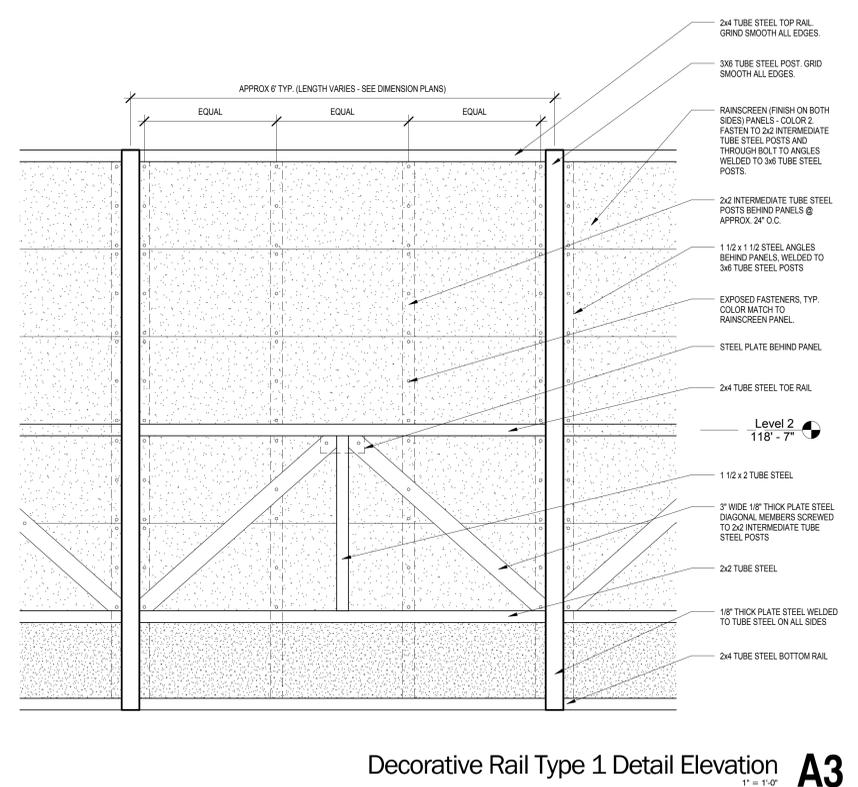
Thatre Roof Detail C1
1 1/2" = 1'-0"



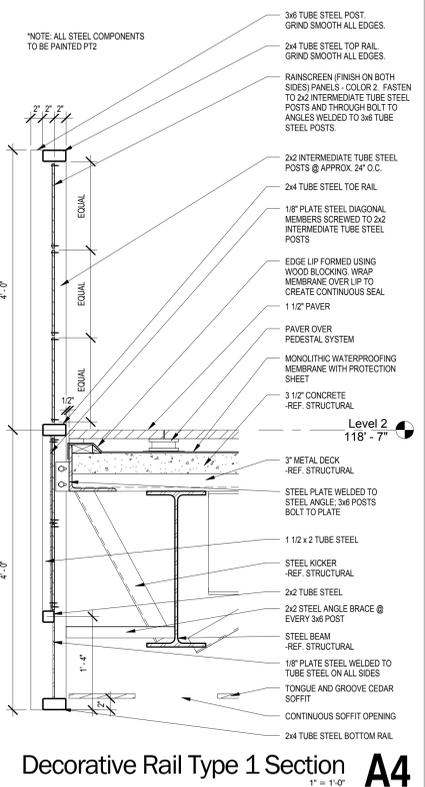
Theatre Roof Assembly (Above conditioned space) C6
1 1/2" = 1'-0"



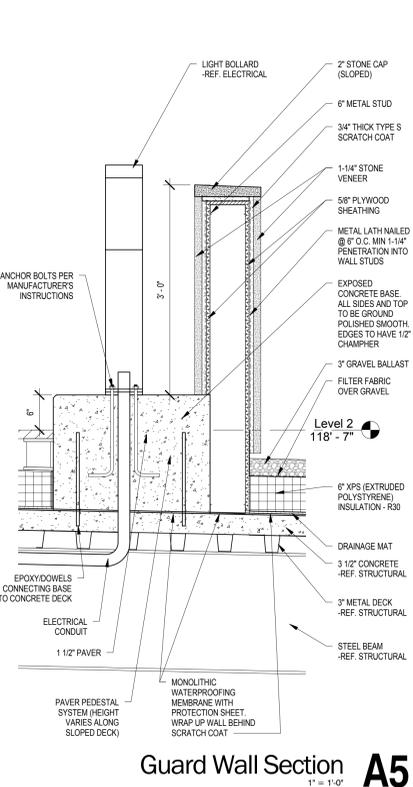
Tower Concessions Window Section A1
1" = 1'-0"



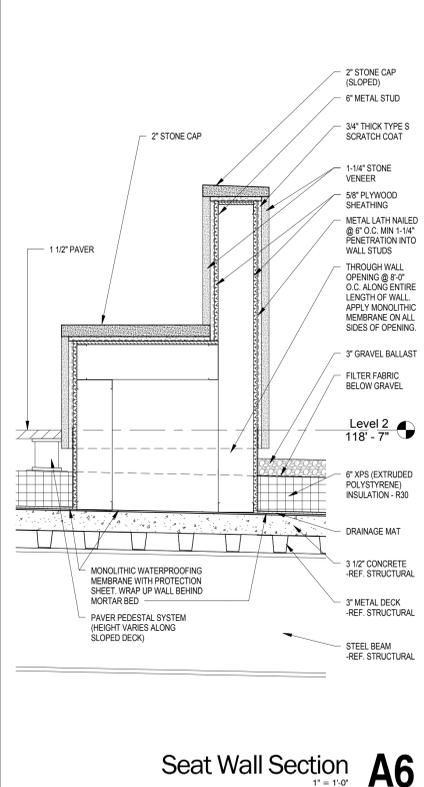
Decorative Rail Type 1 Detail Elevation A3
1" = 1'-0"



Decorative Rail Type 1 Section A4
1" = 1'-0"



Guard Wall Section A5
1" = 1'-0"



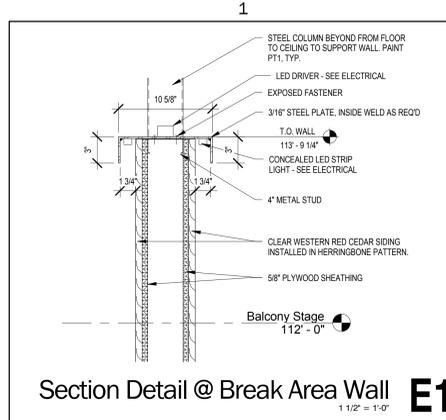
Seat Wall Section A6
1" = 1'-0"



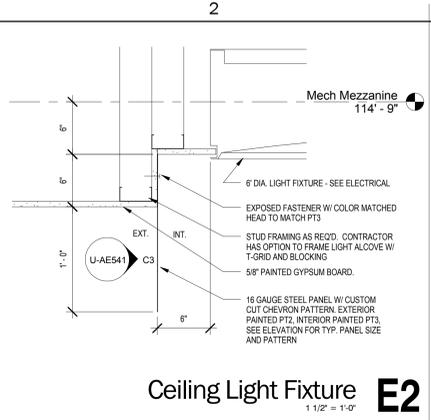
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|-------------|---------------|
| Addendum 04 | 2014, June 17 |
| Addendum 05 | 2014, June 20 |
| Addendum 06 | 2014, June 25 |
| Addendum 07 | 2014, July 08 |

date: 28 May 2014
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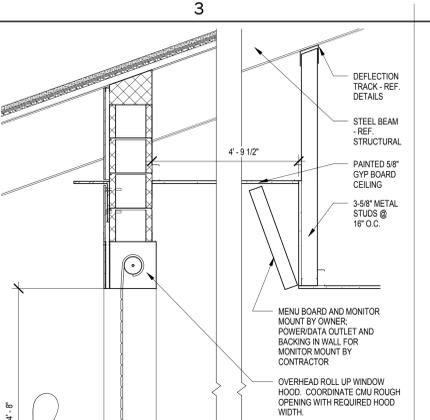
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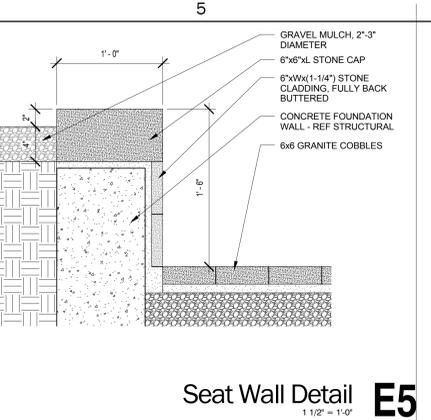
Section Detail @ Break Area Wall **E1**
1 1/2" = 1'-0"



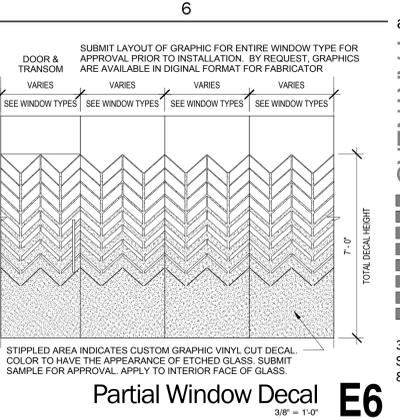
Ceiling Light Fixture **E2**
1 1/2" = 1'-0"



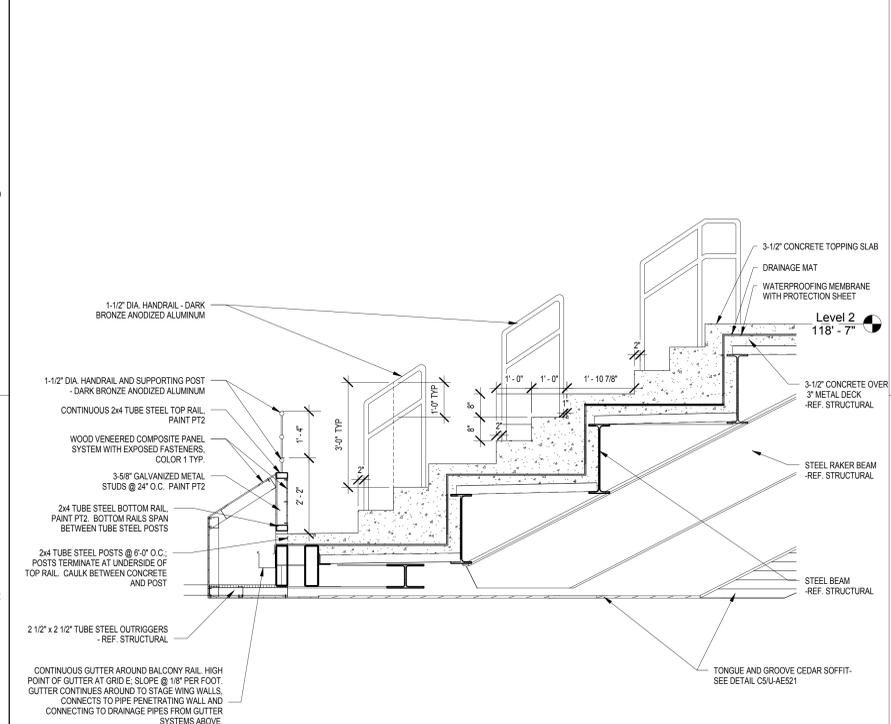
All Glass Entry Head Detail **E4**
1 1/2" = 1'-0"



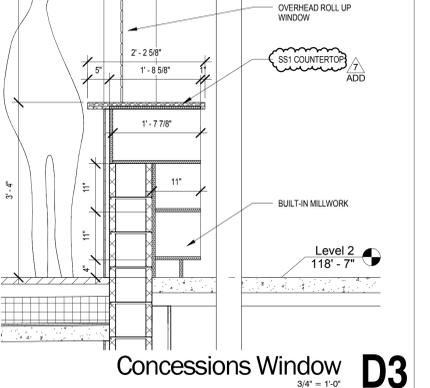
Seat Wall Detail **E5**
1 1/2" = 1'-0"



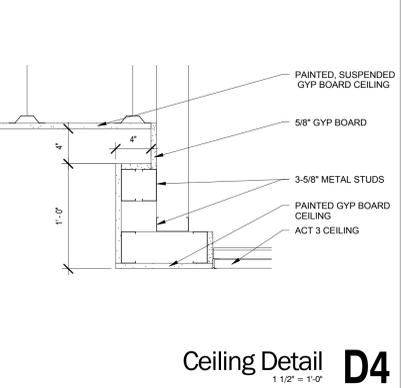
Partial Window Decal **E6**
3/8" = 1'-0"



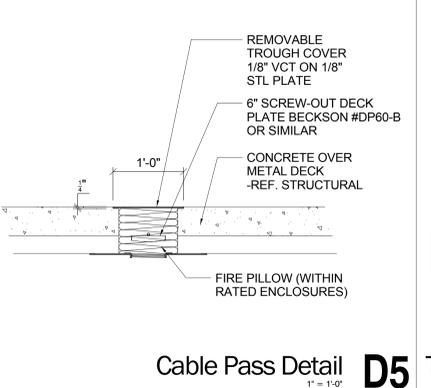
Balcony Handrail Detail **C2**
1/2" = 1'-0"



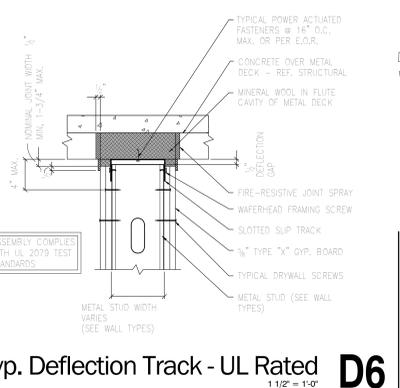
Concessions Window **D3**
3/4" = 1'-0"



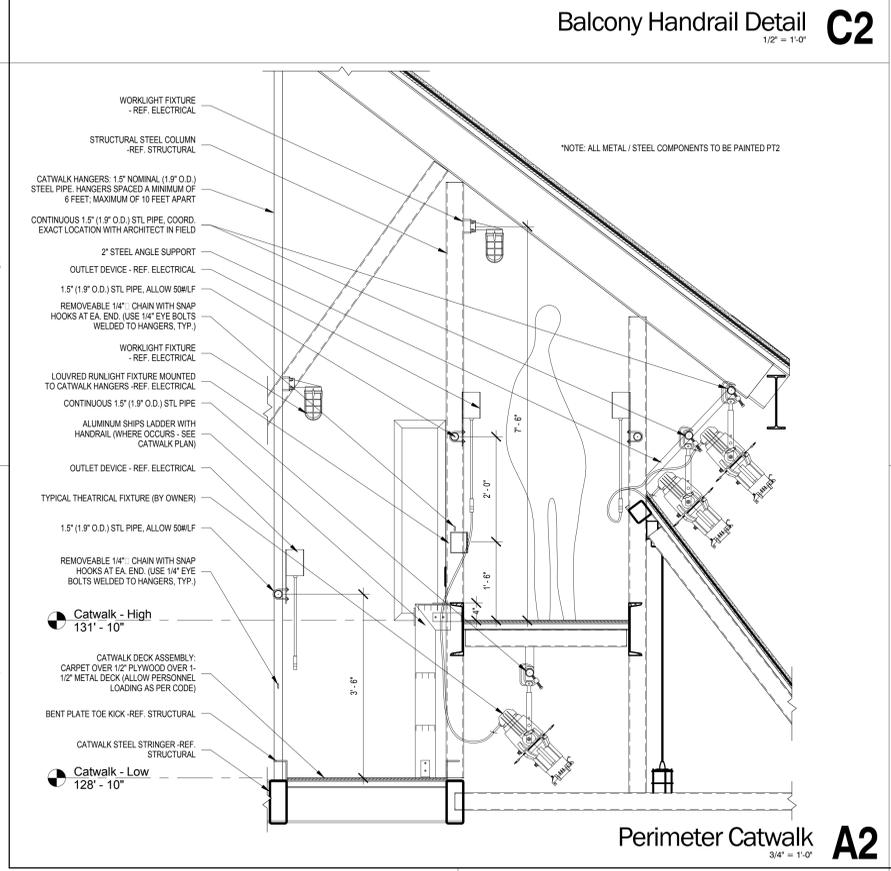
Ceiling Detail **D4**
1 1/2" = 1'-0"



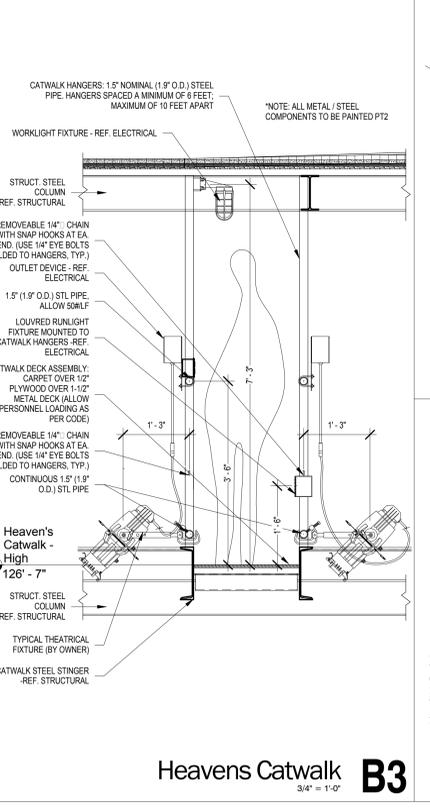
Cable Pass Detail **D5**
1" = 1'-0"



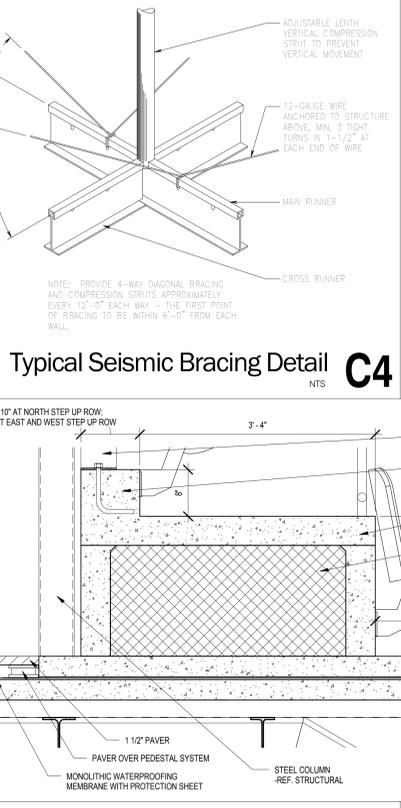
Typ. Deflection Track - UL Rated **D6**
1 1/2" = 1'-0"



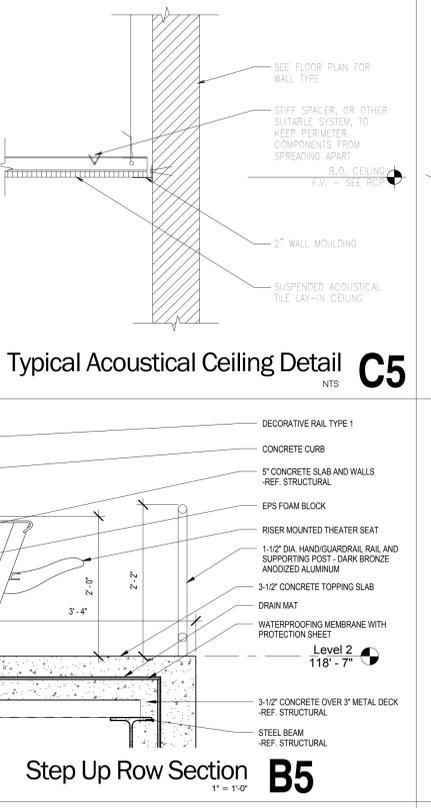
Perimeter Catwalk **A2**
3/4" = 1'-0"



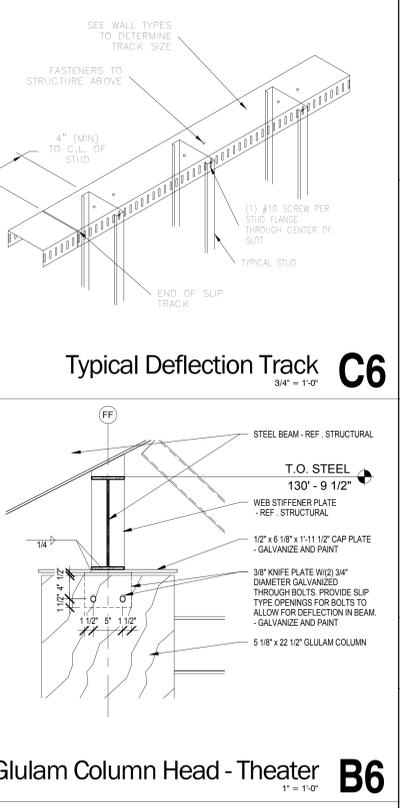
Heavens Catwalk **B3**
3/4" = 1'-0"



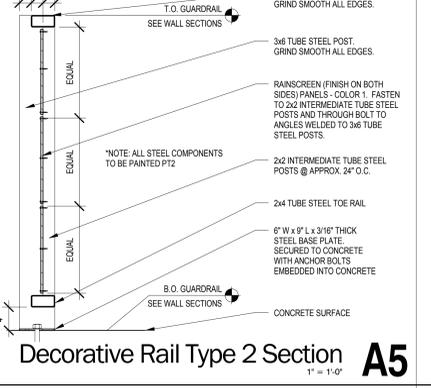
Decorative Rail Type 2 Elevation **A4**
1" = 1'-0"



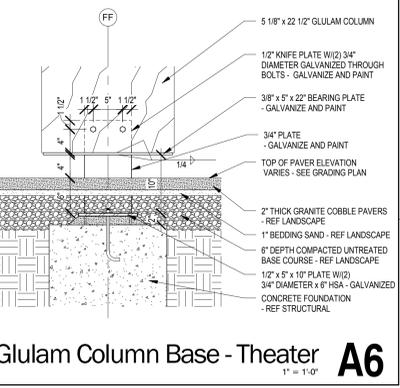
Step Up Row Section **B5**
1" = 1'-0"



Glulam Column Head - Theater **B6**
1" = 1'-0"



Decorative Rail Type 2 Section **A5**
1" = 1'-0"



Glulam Column Base - Theater **A6**
1" = 1'-0"

blalock
PARTNERS
architectural design studio
307 West 200 South Suite 4003
Salt Lake City, UT 84101
801.532.4940

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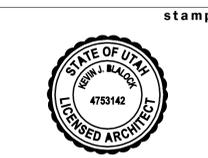


| Revisions | |
|-------------|---------------|
| Addendum 03 | 2014, June 10 |
| Addendum 05 | 2014, June 20 |
| Addendum 06 | 2014, June 25 |
| Addendum 07 | 2014, July 08 |

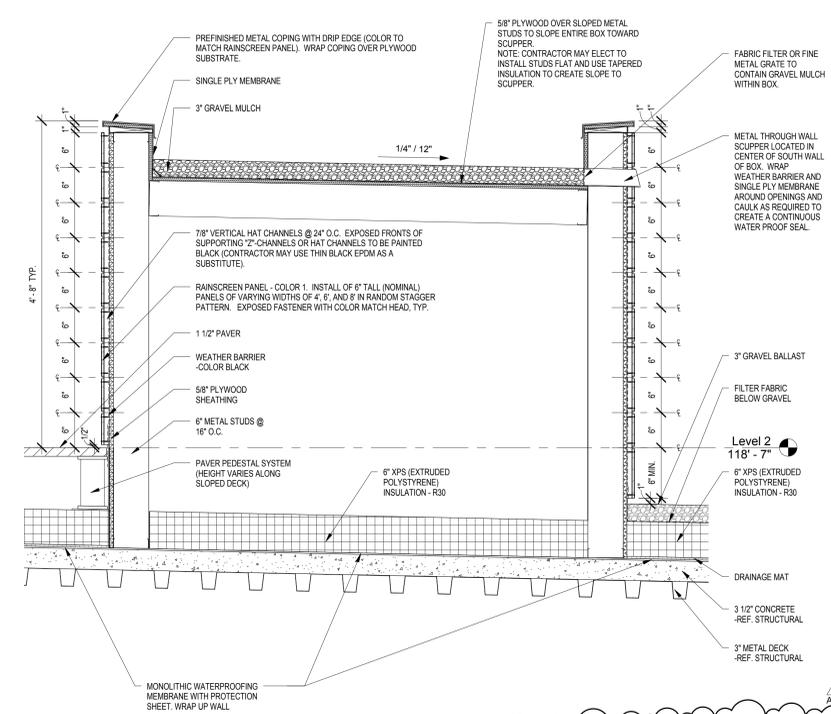
date: 28 May 2014
DFCM project no: 12218730
Bid Documents

Southern Utah University
Beverly Taylor Sorenson
Center for the Arts
Utah Shakespeare Festival Facility
Cedar City, Utah
Section Details
U-AE524

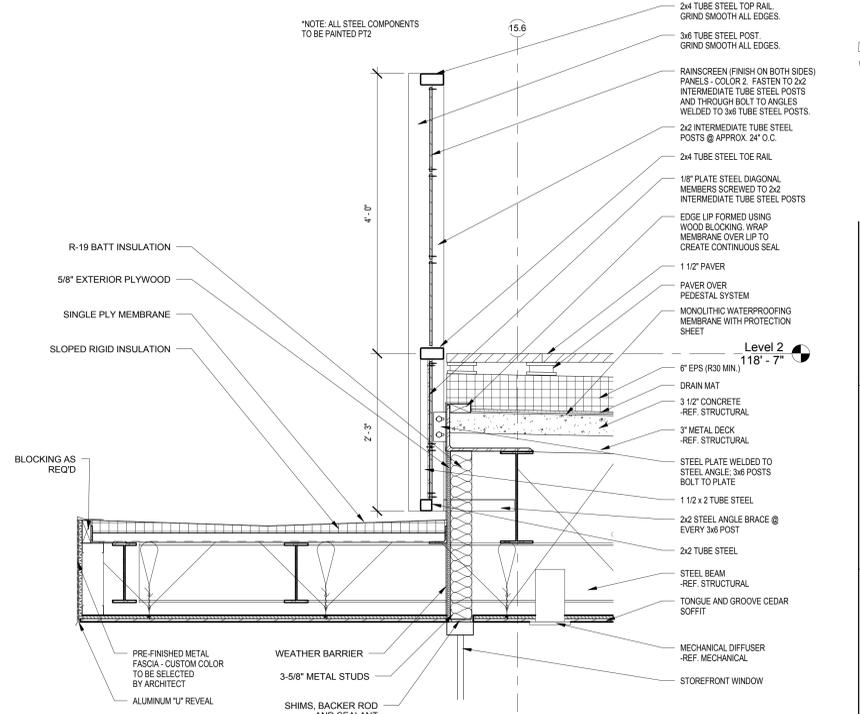
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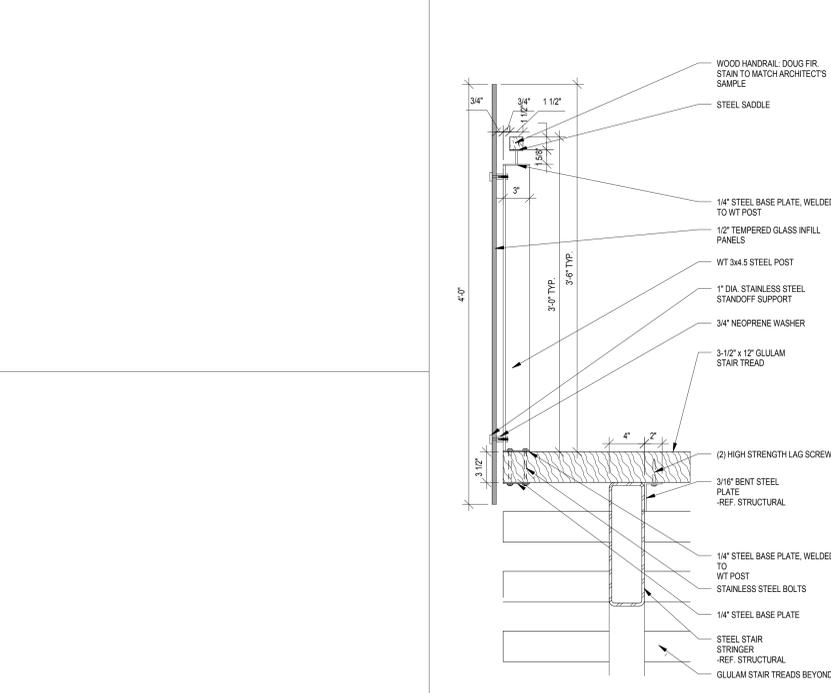
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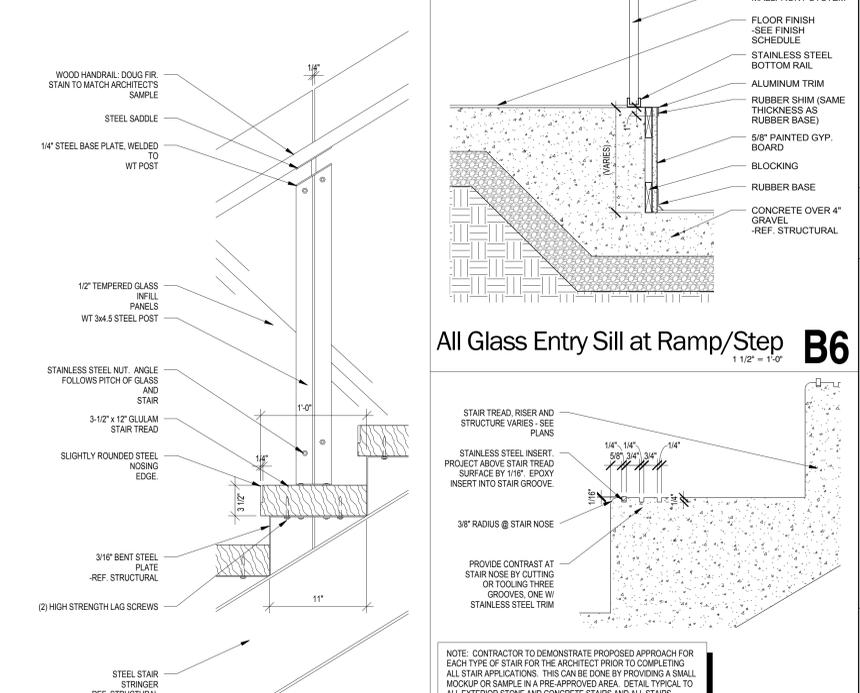
Decorative Gravel Box Detail C4
1" = 1'-0"



Admin Entry Canopy Detail C6
1" = 1'-0"



Stair Guardrail Section A4
1 1/2" = 1'-0"



Stair Guardrail Section A5
1 1/2" = 1'-0"

Stair Nosing Detail A6
3" = 1'-0"

Revisions

| | |
|-------------|---------------|
| Addendum 06 | 2014, June 25 |
| Addendum 07 | 2014, July 08 |

date: 28 May 2014
DFCM project no: 12218730
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Southern Utah University
Beverly Taylor Sorenson Center for the Arts
Utah Shakespeare Festival Facility
Cedar City, Utah

| Finish Schedule - Alternate 1 | | | | | | | | | | | | | | | | |
|-------------------------------|-----------------------|---------|-------------|------------|-----------|------------|-----------|--------------|--------------|--------------|--------------|----------------|----------|-------------------------|-------------|-------------------------------|
| No. | Name | Area | Floor | North Base | East Base | South Base | West Base | North Wall | East Wall | South Wall | West Wall | Ceiling | Comments | Fire Sprinkler Finishes | | Cover Plate Color |
| | | | | | | | | | | | | | | Orientation | Head Finish | |
| 171 | STORAGE | 55 SF | TILE PATT B | BASE1 | BASE1 | BASE1 | BASE1 | PT1 | PT1 | PT1 | PT1 | EXP - PT1 | | Pendant | White | - |
| 172A | LOBBY | 629 SF | TILE PATT B | BASE1 | BASE1 | BASE1 | - | PT1 | PT1 | PT1 | - | WD3 | | Concealed | Brass | Custom Color to Match Ceiling |
| 172B | CONCESSIONS | 61 SF | TILE PATT B | - | BASE1 | BASE1 | - | PT1 | PT1 | - | - | WD3 | | Concealed | Brass | Custom Color to Match Ceiling |
| 172C | CORRIDOR | 266 SF | TILE PATT B | - | BASE1 | BASE1 | - | PT1 | PT1 | - | - | WD3 | | Concealed | Brass | Custom Color to Match Ceiling |
| 173 | VESTIBULE | 149 SF | WO CPT | - | - | - | - | - | - | - | - | WD3 | | Concealed | Brass | Custom Color to Match Ceiling |
| 174 | SIL LOCK | 105 SF | CPT 01 | BASE7 | BASE7 | BASE7 | BASE7 | PT7 | PT7 | PT7 | PT7 | EXP - PT7 | | Pendant | Black | - |
| 175 | CORRIDOR | 130 SF | SL CON 01 | BASE1 | BASE1 | BASE1 | BASE1 | PT1 | PT1 | PT1 | PT1 | ACT1 | | Concealed | Brass | White |
| 176 | CORRIDOR | 173 SF | SL CON 01 | BASE1 | BASE1 | BASE1 | BASE1 | PT1 | PT1 | PT1 | PT1 | ACT1 | | Concealed | Brass | White |
| 177A | DRESSING ROOM | 179 SF | CPT 04 | BASE1 | BASE1 | BASE1 | BASE1 | PT1 | PT1 | PT1 | PT1 | ACT1 | | Concealed | Brass | White |
| 177B | UNISEX | 68 SF | TILE 10 | - | - | - | - | TILE 10, PT1 | TILE 10, PT1 | TILE 10, PT1 | TILE 10, PT1 | GYP - PT1 | | Concealed | Brass | White |
| 177C | DRESSING ROOM | 170 SF | CPT 04 | BASE1 | BASE1 | BASE1 | BASE1 | PT1 | PT1 | PT1 | PT1 | ACT1 | | Concealed | Brass | White |
| 177D | UNISEX | 64 SF | TILE 10 | - | - | - | - | TILE 10, PT1 | TILE 10, PT1 | TILE 10, PT1 | TILE 10, PT1 | GYP - PT1 | | Concealed | Brass | White |
| 177E | DRESSING ROOM | 170 SF | CPT 04 | BASE1 | BASE1 | BASE1 | BASE1 | PT1 | PT1 | PT1 | PT1 | ACT1 | | Concealed | Brass | White |
| 177F | UNISEX | 66 SF | TILE 11 | - | - | - | - | TILE 11, PT1 | TILE 11, PT1 | TILE 11, PT1 | TILE 11, PT1 | GYP - PT1 | | Concealed | Brass | White |
| 178 | SCENIC STORAGE | 620 SF | SL CON 01 | BASE7 | BASE7 | BASE7 | BASE7 | PT7 | PT7 | PT7 | PT7 | EXP - PT7 | | Pendant | Black | - |
| 179 | STAIR | 151 SF | SL CON 01 | BASE7 | BASE7 | BASE7 | BASE7 | PT7 | PT7 | PT7 | PT7 | - | | Pendant | Black | - |
| 180 | STUDIO THEATRE | 3580 SF | SF 01 | BASE7 | BASE7 | BASE7 | BASE7 | PT7 | PT7 | PT7 | PT7 | EXP - PT7 | | Pendant | Black | White |
| 249A | CORRIDOR | 379 SF | SL CON 01 | BASE7 | BASE7 | BASE7 | BASE7 | PT7 | PT7 | PT7 | PT7 | EXP - PT7 | | Pendant | Black | - |
| 249B | CONTROL ROOM | 231 SF | CPT 01 | BASE7 | BASE7 | BASE7 | BASE7 | PT7 | PT7 | PT7 | PT7 | ACT2*, EXP-PT7 | | Concealed | Brass | White |
| 249C | RECORDING BOOTH | 116 SF | CPT 01 | BASE1 | BASE1 | BASE1 | BASE1 | PT1 | PT1 | PT1 | PT1 | ACT1 | | Concealed | Brass | White |
| 249D | RECORDING WORKSTATION | 115 SF | CPT 01 | BASE1 | BASE1 | BASE1 | BASE1 | PT1 | PT1 | PT1 | PT1 | ACT1 | | Concealed | Brass | White |
| 250 | ELEC | 138 SF | SL CON 01 | BASE1 | BASE1 | BASE1 | BASE1 | PT1 | PT1 | PT1 | PT1 | EXP - no paint | | Pendant | Brass | - |
| 251 | COMM | 69 SF | SDT | BASE1 | BASE1 | BASE1 | BASE1 | PT1 | PT1 | PT1 | PT1 | EXP - no paint | | Pendant | Brass | White |
| 252 | MECHANICAL ROOM | 1602 SF | SL CON 01 | BASE1 | BASE1 | BASE1 | BASE1 | PT1 | PT1 | PT1 | PT1 | EXP - no paint | | Pendant | Brass | White |

| Wall Finish Legend | | |
|--------------------|---|------------|
| Wall Code | Wall Material | Wall Notes |
| MTL | Metal Panel | |
| PT1 | Kwal Paint Colorlife CLW 1047W Deer Feather | |
| PT2 | Kwal Paint Colorlife CL 3207N Mascara | |
| PT3 | Kwal Paint Colorlife 1289N Lava Cake | |
| PT4 | Kwal Paint Colorlife CL 3032W Holland | |
| PT5 | Kwal Paint Colorlife 3174D Abalon | |
| PT6 | Kwal Paint Colorlife CLW 1035W Station Flat | |
| PT7 | Flat Black | |
| TILE 01 | Porcelain Tile - Manufacturer Marazzi Tile. Style: Treverk. Size: 15 CM x 120 CM. Color: Wenge. Random Stagger Joint Pattern | |
| TILE 02 | Porcelain Tile - Manufacturer Marazzi Tile. Style: System N. Size: 10 CM x 60 CM. Color: Grigio Chairo. Finish: Rock | |
| TILE 03 | Porcelain Tile - Manufacturer Marazzi Tile. Style: System N. Size: 10 CM x 60 CM. Color: Grigio Chairo. Finish: Matte | |
| TILE 04 | Glass Tile - Manufacturer: Island Stone. Style: Palms. Size: 9.25" x 11.75". Color: Stratos | |
| TILE 05 | Glass Tile - Manufacturer: Island Stone. Style: Palms. Size: 9.25" x 11.75". Color: Smoke | |
| TILE 06 | Porcelain Tile - Manufacturer Marazzi Tile. Style: System N. Size: 15 CM x 60 CM. Color: Grigio Chairo. Finish: Rock | |
| TILE 07 | Porcelain Tile - Manufacturer Marazzi Tile. Style: System N. Size: 15 CM x 60 CM. Color: Grigio Chairo. Finish: Matte | |
| TILE 08 | Porcelain Tile - Manufacturer Mosa Tiles. Style: Change. Size: 15 CM x 30 CM. Color: Dark Anthracite #4 / #4. Finish: Stonematt / Gloss | |
| TILE 09 | Glass Tile - Manufacturer Dale Tile. Style: Color Wave. Size: 2" x 12" Color: Red Hot. Finish: Glossy | |
| TILE 10 | Porcelain Tile - Manufacturer: Fondovalle. Style: Rug. Size: 30 CM x 120 CM. Color: Jet Black. | |
| TILE 11 | Porcelain Tile - Manufacturer: Fondovalle. Style: Rug. Size: 30 CM x 120 CM. Color: Inox. | |
| TILE PATT A | Blend of 35% TILE 2, 15% TILE 3, 35% TILE, 6, and 15% TILE 7. Random Stagger Joint Pattern. | |

| Case Finish Legend | | |
|--------------------|--|--|
| Case Code | Case Material | Case Notes |
| PL1 | Plastic Laminate. Manufacturer: Wilsonart. Color 4941K-18 Cosmic Strandz | Countertops in rooms: All rooms unless noted otherwise |
| PL2 | Plastic Laminate. Manufacturer: Wilsonart. Color: 7942K-07 Cocobala | Base/Upper/Full Height Cabinets in all rooms unless noted otherwise |
| PL3 | Plastic Laminate. Manufacturer: Wilsonart. Color: 1573-60 Frosty White | See U-AE533, U-AE534 |
| QZ1 | Quartz Countertop. Manufacturer: HanStone. Color: Swan Cotton - RS301 | Countertops in rooms: Women's Restroom 113, Men's Restroom 112, Men's Restroom 169, Women's Restroom 170 |
| QZ2 | Quartz Countertop. Manufacturer: HanStone. Color: Ajanta - RM504 | Countertops in rooms: Founder's Room 241 |
| SS1 | Solid Surface Countertop. Manufacturer: Hanex Solid Surfaces by Hanwha Surfaces. Color: B-012 Oslo White | Countertops in rooms: Tickets 164, Break Room 244, Unisex 242, Concessions 210 |
| SS2 | Solid Surface Countertop. Manufacturer: Hanex Solid Surfaces by Hanwha Surfaces. Color: BL-002 Celadon | See U-AE533, U-AE534 |
| SS3 | Solid Surface Countertop. Manufacturer: Hanex Solid Surfaces by Hanwha Surfaces. Color: BL-016 Cumulus | Countertops in Concessions 104 |

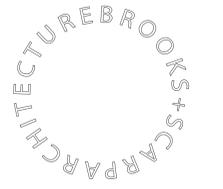
| Base Finish Legend | | |
|--------------------|--|------------|
| Base Code | Base Material | Base Notes |
| BASE1 | Rubber Base - Roppe Wall Base Pinnacle Type TS. Color to match PT1 | |
| BASE2 | Rubber Base - Roppe Wall Base Pinnacle Type TS. Color to match PT2 | |
| BASE7 | Rubber Base - Roppe Wall Base Pinnacle Type TS. Color to match PT7 | |

| Ceiling Finish Legend | | |
|-----------------------|--|---------------|
| Cig Code | Ceiling Material | Ceiling Notes |
| ACT1 | Acoustic Ceiling Tile: Armstrong 2 x 2 Tegular Mesa Panel, 15/16" Prelude Suspension System | |
| ACT2 | Acoustic Ceiling Tile: Armstrong Capz, White, Sizes as indicated in drawings. Provide black suspension system and black acoustical panels at locations marked as ACT2* | |
| ACT3 | Acoustical Ceiling: Hunter Douglas Contract, Techstyle Canvas, 6" x 48", color to be selected from manufacturers full range. Linear, classic (clipped), installation with aligned joints. | |
| EXP1 | Exposed to Structure: Paint All Structural, Mechanical & Electrical Components PT1 | |
| EXP2 | Exposed to Structure: Paint All Structural, Mechanical & Electrical Components PT2 | |
| GYP | Painted Gypsum Board | |
| SC1 | Wood Ceiling - tongue and groove clear western red cedar. Semi-transparent penetrating stain selected by architect from manufacturers full range. Pattern: linear as indicated in drawings with tech zone slot openings as indicated in the ceiling plan | |
| WD1 | Wood Ceiling - tongue and groove clear western red cedar. Semi-transparent penetrating stain selected by architect from manufacturers full range. Pattern: herringbone | |
| WD2 | Wood Ceiling - tongue and groove clear western red cedar. Semi-transparent penetrating stain selected by architect from manufacturers full range. Pattern: linear as indicated in drawings | |
| WD3 | Acoustical Wood Ceiling: Hunter Douglas Contract, Techstyle Canvas, 6" x 48", color to be selected from manufacturers full range. Linear, classic (clipped), installation with random staggered joints. | |

| Floor Finish Legend | | |
|---------------------|--|-------------|
| Fir Code | Floor Material | Floor Notes |
| CON PVR 01 | Concrete Paver - Tiletech Granite-Tech. Size: 16" x 24". Color 1: Selected by architect from manufacturers full range | |
| CON PVR 02 | Concrete Paver - Tiletech Granite-Tech. Size: 16" x 24". Color 2: Selected by architect from manufacturers full range | |
| CPT 01 | Carpet Tile - Interface Shiver Me Timbers. Size: 25 CM x 1 M. Color: 103922 Sycamore. Installation Pattern: Herringbone. | |
| CPT 02 | Carpet Tile - Interface Duo. Size: 25 CM x 1 M. Color: 103873 Granite. | |
| CPT 03 | Carpet Tile - Interface Trio. Size: 25 CM x 1 M. Color: 103881 Steel / Granite. | |
| CPT 04 | Carpet Tile - Interface Shiver Me Timbers. Size: 25 CM x 1 M. Color: 103921 Beech. Installation Pattern: Herringbone. | |
| CPT PATT A | CPT 02 fade to CPT 03 closer to the exterior window. Pattern: Ashlar. | |
| GP 01 | Granite Paver - Rhodes Architectural Stone. Size: 6" x 6". Color: Dune. Finish: Bush Hammer. | |
| GP 02 | Granite Paver - Rhodes Architectural Stone. Size: 6" x 6". Color: Night Light. Finish: Bush Hammer. | |
| GRVL 01 | Washed Gravel Mulch - Staker Parsons Wasatch Gray 1/2" | |
| GRVL 02 | Gravel Base Course | |
| LVT 01 | Luxery Vinyl Tile - Shaw Uncommon Ground 6. Size: 6" x 36". Color: 02150 Driftwood | |
| SDT | Static Dissipative Tile - Manufacturer: Armstrong; Style: Static Dissipative SDT; Color: 51953 Pearl White | |
| SF 01 | Specialty Floor - 1/4" Hardboard over plywood over sleepers | |
| SL CON 01 | Sealed Concrete | |
| ST CON 01 | Chemically Stained Concrete | |
| TILE 01 | Porcelain Tile - Manufacturer Marazzi Tile. Style: Treverk. Size: 15 CM x 120 CM. Color: Wenge. Random Stagger Joint Pattern | |
| TILE 02 | Porcelain Tile - Manufacturer Marazzi Tile. Style: System N. Size: 10 CM x 60 CM. Color: Grigio Chairo. Finish: Rock | |
| TILE 03 | Porcelain Tile - Manufacturer Marazzi Tile. Style: System N. Size: 10 CM x 60 CM. Color: Grigio Chairo. Finish: Matte | |
| TILE 06 | Porcelain Tile - Manufacturer Marazzi Tile. Style: System N. Size: 15 CM x 60 CM. Color: Grigio Chairo. Finish: Rock | |
| TILE 07 | Porcelain Tile - Manufacturer Marazzi Tile. Style: System N. Size: 15 CM x 60 CM. Color: Grigio Chairo. Finish: Matte | |
| TILE 10 | Porcelain Tile - Manufacturer: Fondovalle. Style: Rug. Size: 30 CM x 120 CM. Color: Jet Black. | |
| TILE 11 | Porcelain Tile - Manufacturer: Fondovalle. Style: Rug. Size: 30 CM x 120 CM. Color: Inox. | |
| TILE PATT A | Blend of 35% TILE 2, 15% TILE 3, 35% TILE, 6, and 15% TILE 7. Random Stagger Joint Pattern. | |
| TILE PATT B | Blend of 50% TILE 6, 50% TILE 7. Linear Joint Pattern. | |
| WO CPT | Walk Off Carpet Tile - Shaw. Style: All Access Path. Color: 34549 Lava. | |

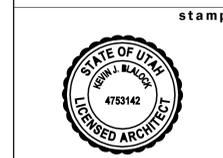


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| Revisions | |
|-------------|---------------|
| Addendum 04 | 2014, June 17 |
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| Addendum 06 | 2014, June 25 |
| Addendum 07 | 2014, July 08 |

date: 28 May 2014
DFCM project no: 12218730
Bid Documents

Southern Utah University
Beverly Taylor Sorenson
Center for the Arts
Utah Shakespeare Festival Facility
Cedar City, Utah

Finish Schedule
U-AE602

1

2

3

4

5

6

E

D

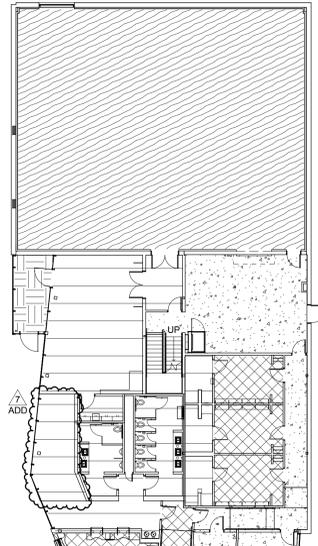
C

B

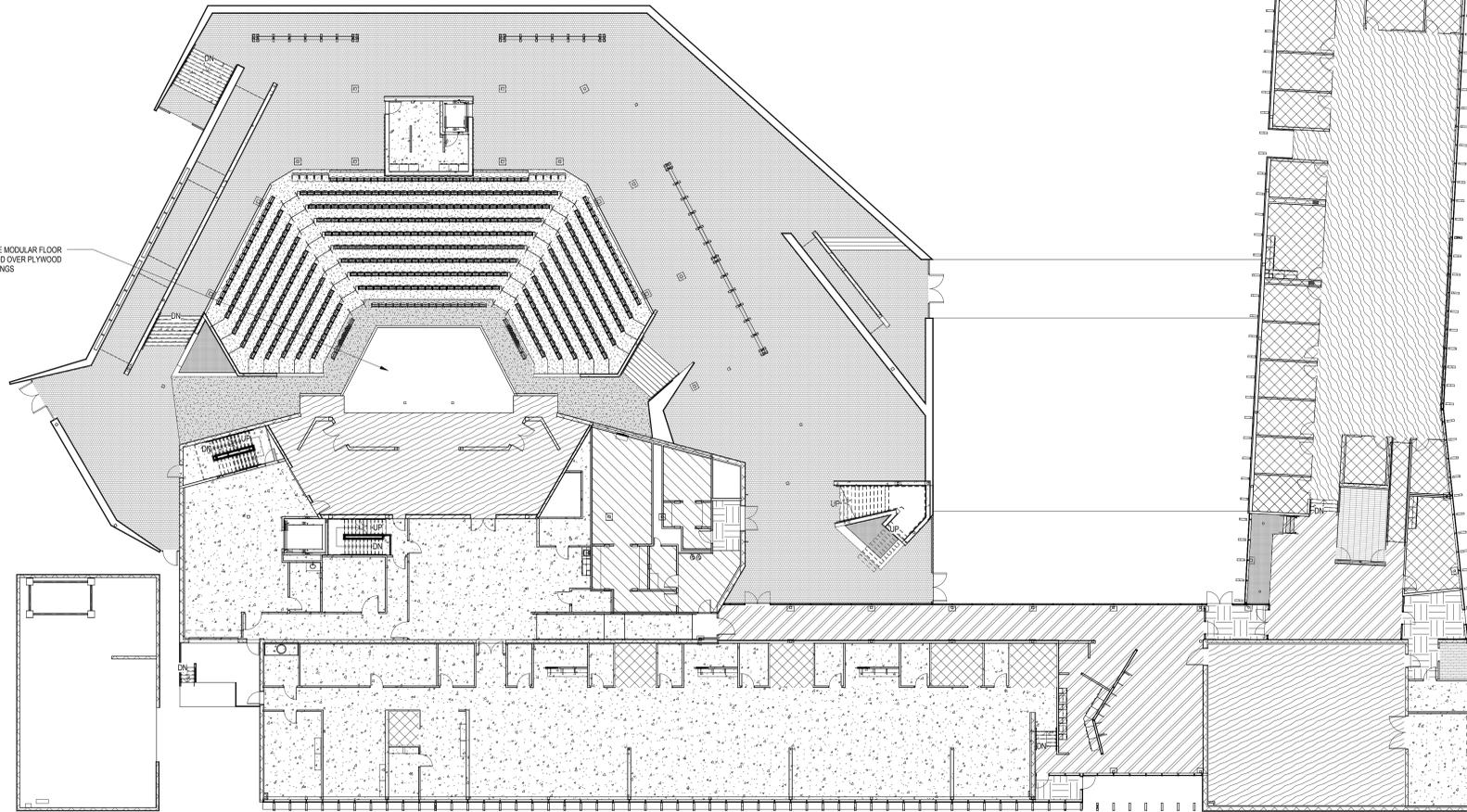
A

MATERIAL LEGEND

| | | | |
|------------|---|-------------|-------------------------|
| GP 01 | GRANITE PAVERS | TILE 01 | Porcelain Tile |
| GP 02 | GRANITE PAVERS | TILE 10 | Porcelain Tile |
| CON PVR 01 | PAVER OVER PEDESTAL SYSTEM | TILE 11 | Porcelain Tile |
| CON PVR 02 | PAVER OVER PEDESTAL SYSTEM AND INSULATION | TILE PATT B | Porcelain Tile |
| SL CON 01 | SEALED CONCRETE | TILE PATT A | Porcelain Tile |
| ST CON 01 | STAINED CONCRETE | WO CPT | WALK OFF MAT/ CARPETING |
| SF 01 | 1/4" HARDBOARD OVER PLYWOOD OVER SLEEPERS | CPT 01 | CARPET 1 |
| GRVL 01 | GRAVEL BASE (UNFINISHED AREAS) | CPT PATT A | CARPET PATTERN A |
| GRVL 02 | WASHED GRAVEL | CPT 04 | CARPET 4 |
| LVT | LUXURY VINYL TILE | SOT | STATIC DISSIPATIVE TILE |

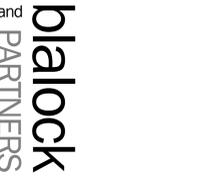


First Floor Finish Floor Plan
Alternate 1
1/16" = 1'-0" **D3**



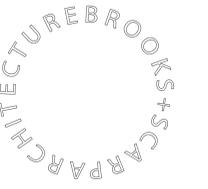
First Floor Finish Floor Plan - Overall
1/16" = 1'-0" **A5**

- 3.1 4" CONCRETE SLAB ON 4" COMPACTED GRAVEL FILL
- 3.2 CONCRETE FOOTING
- 3.3 CONCRETE SLAB OVER GRAVEL BASE - REF. STRUCTURAL
- 3.11 CONCRETE FOUNDATION WALL
- 3.15 CONCRETE COLUMN BASE - REF. STRUCTURAL
- 3.16 CONCRETE SLAB OVER METAL DECK - REF. STRUCTURAL
- 3.20 CONCRETE OVER STEEL PAN STAIRS
- 3.21 CONCRETE STAIR
- 3.22 CONCRETE BASE FOR LIGHT BOLLARD
- 4.1 STONE CLAD CONCRETE SITE WALL - REF. ARCH AND LANDSCAPE DETAILS
- 4.2 STONE CLAD SITE STAIR
- 4.3 MASONRY COLUMN TYP. - REF. STRUCTURAL
- 4.4 OPENING IN MASONRY WALL FOR DOOR (SEE ADD ALTERNATE 1)
- 4.5 STONE CLAD METAL STUD FRAMED BENCH
- 5.1 STEEL COLUMN - REF. STRUCT.
- 5.3 STEEL BEAM - REF. STRUCT.
- 5.4 STEEL ANGLE - SEE STRUCT.
- 5.8 1-1/2" DIA. STAINLESS STEEL HAND RAIL - WALL MOUNTED, TERMINATE INTO WALL, TYP.
- 5.9 1-1/2" DIA. STAINLESS STEEL HAND RAIL - POST MOUNTED
- 5.10 1-1/2" DIA. STAINLESS STEEL HAND AND GLAZED RAIL - POST MOUNTED
- 5.14 STEEL CHANNEL - REF. STRUCT.
- 5.19 ELEVATOR PIT LADDER
- 5.20 ACCESS LADDER - REF. SPECIFICATIONS
- 5.21 COSE COMPLIANT STEEL GRATE STAIR, PLATFORM, AND RAILING TO DOOR LEVEL
- 5.22 WT SHAPE STEEL POST
- 5.23 STEEL STRINGER - REF. STRUCT.
- 5.24 STEEL SPIRAL STAIRCASE
- 5.25 ALUMINUM OR GALVANIZED STEEL SPIRAL STAIRCASE
- 5.26 CATWALK PLATFORM - METAL DECK WITH STEEL CHANNEL SIDE SUPPORTS, PLYWOOD TOP WITH CARPET SURFACE FINISH
- 5.27 CUSTOM FABRICATED STEEL FENCE WITH GATES
- 5.28 DECORATIVE RAIL - TYPE 1. SEE DETAILS A4 AND A4 ON SHEET U-AE21.
- 5.29 DECORATIVE RAIL - TYPE 2. SEE DETAILS A4 AND A4 ON SHEET U-AE24.
- 5.30 1-1/2" DIA. DARK BRONZE ANODIZED ALUMINUM HAND RAIL - POST MOUNTED
- 5.31 1-1/2" DIA. DARK BRONZE ANODIZED ALUMINUM HAND RAIL - WALL MOUNTED, TERMINATE INTO WALL, TYP.
- 5.32 STEEL OR ALUMINUM SHIPS LADDER WITH PLATFORM
- 5.33 ALUMINUM SHIPS LADDER WITH HANDRAIL
- 5.34 1-1/2" DIA. STEEL PIPE HAND RAIL - HANGER MOUNTED
- 5.35 1/2" STEEL PIPE (10" OUTER DIAMETER)
- 5.38 8" GALVANIZED STEEL PIPE (8-5/8" OUTER DIAMETER)
- 6.3 SOLID SURFACE COUNTERTOP
- 6.10 GULLAM DECORATIVE COLUMN - 5 1/8" X 22 1/2"
- 6.11 GULLAM STAIR TREAD - 3 1/2 X 12
- 6.12 1/2" GLASS STAIR GUARD
- 6.13 1-1/2" SQUARE WOOD HANDRAIL
- 6.15 4x10 DECORATIVE WOOD TIMBER
- 6.16 CARPET COVERED WOOD FRAMED RAMP FROM MOAT TO STAGE
- 6.17 6x6 DECORATIVE WOOD TIMBER, PAINTED
- 6.18 STAGE DECORATIVE RAILING - TYPE 1
- 6.19 STAGE DECORATIVE RAILING - TYPE 2
- 6.20 EXTENT OF TRAPPED STAGE AREA
- 6.21 CEDAR BENCH - 1'-6" D BY 7'-6" W X 3" THICK CLEAR FINISHED W.R. CEDAR SLAB ON 2" DIA 1'-3" TALL STAINLESS STEEL LEGS
- 6.22 TROUGH THROUGH STAGE FLOOR - REF. ARCHITECTURAL DETAILS
- 6.23 TROUGH THROUGH TRAP FLOOR - REF. THEATER DRAWINGS
- 6.24 QUARTZ COUNTERTOP
- 7.1 RIDGE
- 7.3 CIRCUL. MIN. SLOPE 1/8" PER FOOT, FORM W TAPERED RIGID INSULATION
- 7.7 ROOF DRAIN AND OVERFLOW DRAIN
- 7.8 R-13 BATT, MINERAL-FIBER BLANKET INSULATION
- 7.9 5" MIN. RIGID POLY-ISO INSULATOR - 30 MIN.
- 7.10 BITUMINOUS DAMP PROOFING - SEE SPECIFICATIONS
- 7.11 FLEXIBLE WALKWAYS - INSTALL AROUND ALL RTU, TO ROOF DRAINS AND TO A BUILDING EDGE
- 7.12 ROOF HATCH
- 7.13 SINGLE PLY ROOF MEMBRANE
- 7.17 2" RIGID FOUNDATION INSULATION
- 7.23 DOWNSPOUT TO ROOF BELOW, PAINT TO MATCH STRUCTURE
- 7.25 WOOD VENEERED COMPOSITE PANEL SYSTEM WITH EXPOSED FASTENERS, COLOR/PATTERN 1
- 7.26 WOOD VENEERED COMPOSITE PANEL SYSTEM WITH EXPOSED FASTENERS, COLOR/PATTERN 2
- 7.29 ROOF ANCHOR - COORDINATE LOCATION WITH ARCHITECT AND STRUCTURE
- 7.32 SYNTHETIC SLATE ROOFING TILES
- 7.33 SNOW GUARDS AT ALL SYNTHETIC SLATE ROOFS - SEE SPECIFICATIONS
- 7.34 WOOD VENEERED COMPOSITE PANEL LOCKER SYSTEM WITH EXPOSED FASTENERS, COLOR TO MATCH ADJACENT RAINSCREEN PANELS
- 7.35 DOWNSPOUT, PAINT TO MATCH STRUCTURE, TIE INTO STORM DRAIN SYSTEM, COORDINATE FINAL LOCATIONS WITH ARCHITECT PRIOR TO INSTALLATION.
- 7.36 DOWNSPOUT, PAINT TO MATCH STRUCTURE, DISCHARGE AT GRADE BELOW.
- 7.37 EXPOSED BATT INSULATION WITH SCRM - R15
- 7.38 DASHED OUTLINE AND DIAGONAL HATCH INDICATES SPRAY APPLIED FIREPROOFING OVER BEAM AND/OR BEAM TO COLUMN CONNECTION - 1 HR RATING
- 7.41 LOW PROFILE ROOF DRAIN CONCEALED UNDER PEDESTAL PAVERS - REF. MECHANICAL
- 7.50 PRE-FORMED METAL GUTTER
- 8.3 4-1/2" ANODIZED ALUM. STOREFRONT
- 8.7 7.5" ANODIZED ALUM. CURTAIN WALL
- 8.8 HAMILTON SAFE MODEL 145 DROP BOX WITH LOCKER, OR SIM. PROVIDE KEYLOCK ON FRONT FACE OF DROP BOX
- 8.10 HAMILTON SAFE 26TH X 21" W X 12" D LOCKER WITH 1/2" THICK STEEL DOOR AND COMBINATION LOCK, MOUNT TO CONCRETE FLOOR
- 8.23 8" TALL MIRROR, CONTINUOUS ALONG ENTIRE WALL
- 9.2 SUSPENDED GYPSUM BOARD CEILING
- 9.28 PROVIDE 4" WIDE X 4" TALL FIBRE-REINFORCED PLASTIC PANELS BEHIND SERVICE SINK
- 9.34 TONGUE AND GROOVE CEDAR SOFFIT
- 9.35 TECH ZONE OPENINGS IN WOOD CEILING, PAINT ALL STRUCTURAL, MECHANICAL, ELECTRICAL, AND AV COMPONENTS VISIBLE THROUGH THE TECH ZONE PTZ
- 10.1 HORIZONTAL CABLE PASS THROUGH, REF DETAILS
- 10.2 CABLE HOOK MOUNT, REF ELECTRICAL DETAILS
- 10.3 VERTICAL CABLE PASS THROUGH TO LEVELS BELOW, REF DETAILS
- 10.4 TOILET COMPARTMENTS
- 10.6 RECESSED FIRE EXTINGUISHER CABINET AND EXTINGUISHER
- 10.14 ADA SHOWER SEAT
- 10.15 SURFACE MOUNTED PAPER TOWEL DISPENSER
- 10.16 COUNTERTOP MOUNTED 4" DIA. CIRCULAR WASTE CHUTE
- 10.17 FLOOR-STANDING WASTE RECEPTACLE W/ OPEN TOP (TYP UNDER EACH CHUTE)
- 10.18 SOAP DISPENSER, OSC®
- 10.19 GRAB BAR
- 10.21 SANITARY NAPKIN DISPOSAL, TYP AT ALL WOMENS STALLS
- 10.22 COAT HOOK, TYP AT ALL PARTITIONS
- 10.23 RECESSED DAPER CHANGING STATION
- 10.27 TOILET PAPER DISPENSER, OSC®
- 10.29 RECESSED PAPER TOWEL DISPENSER
- 10.32 URINAL SCREEN
- 10.33 FLAGPOLE
- 10.34 LOADING DOCK BUMPER
- 11.6 8" TALL ACOUSTIC CURTAIN, PROVIDE MATERIAL AND INSTALLATION COST AS PART OF BID ALTERNATE #2
- 11.7 18" TALL ACOUSTIC CURTAIN, PROVIDE MATERIAL AND INSTALLATION COST AS PART OF BID ALTERNATE #2
- 11.15 SCENERY WALL, BY OWNER
- 11.16 REMOVABLE STAGE TRAP BEAMS - REF. THEATER DRAWINGS
- 11.17 WIRE ROPE GRID - SEE SPECIFICATIONS
- 12.1 MANUAL ROLLER SHADE - REF WINDOW TYPES AND SECTIONS
- 12.5 MENU BOARD AND MONITOR MOUNT BY OWNER, POWER/DATA OUTLET AND BACKING IN WALL FOR MONITOR MOUNT BY CONTRACTOR
- 12.6 THEATRICAL LIGHT FIXTURE BY OWNER, POWER/DATA OUTLET BY CONTRACTOR
- 12.7 SPRAY BOOTH EXHAUST PLENUM - SEE DETAILS
- 14.1 PASSENGER ELEVATOR
- 14.2 SERVICE ELEVATOR
- 14.3 ADA LIFT
- 22.2 ADA WATER CLOSET
- 22.3 ADA URINAL
- 22.5 FLOOR DRAIN
- 22.9 ADA RECESSED AND CHILLED ELECTRIC DRINKING FOUNTAIN
- 22.12 JANITORS SINK & BACKSLASH
- 22.14 HOSE BIB-REFER TO PLUMBING
- 22.15 STANDARD URINAL
- 22.19 PIPING, REF PLUMBING DRAWINGS
- 22.21 ADA SHOWER CONTROLS
- 22.24 LAVATORY - REF. PLUMBING
- 22.25 FAUCET - REF. PLUMBING
- 23.2 MECHANICAL EXHAUST FAN GRILLE
- 23.5 MECHANICAL DUCT - REF. MECHANICAL
- 23.10 MECHANICAL CONDENSING UNIT - REF. MECHANICAL
- 23.11 CHILLER SEE MECH DWGS
- 23.13 AIR HANDLING UNIT - REF. MECHANICAL
- 23.14 MECHANICAL EQUIPMENT - REF. MECHANICAL
- 23.15 BURIED MECHANICAL DUCT - REF. MECHANICAL
- 23.20 COOLING TOWER - REF. MECHANICAL
- 26.1 ELECTRIC LIGHT FIXTURE, REF ELECT.
- 26.5 ELECTRIC PANEL, REF. ELECT.
- 26.6 GENERATOR, REF. ELECT.
- 26.15 CABLE TRAY - REF. ELECTRICAL
- 26.16 TRANSFORMER, REF. ELECT.
- 26.17 CY BOX, REF. ELECT.
- 32.6 IRRIGATION CONTROLLER - REF. LANDSCAPE
- 32.8 CONCRETE PAVERS ON PEDESTALS
- 32.9 DECORATIVE GRAVEL BALLAST
- 32.10 BACKFLOW PREVENTION DEVICE - REF. LANDSCAPE



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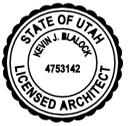
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Revisions

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| Addendum 06 | 2014, June 25 |
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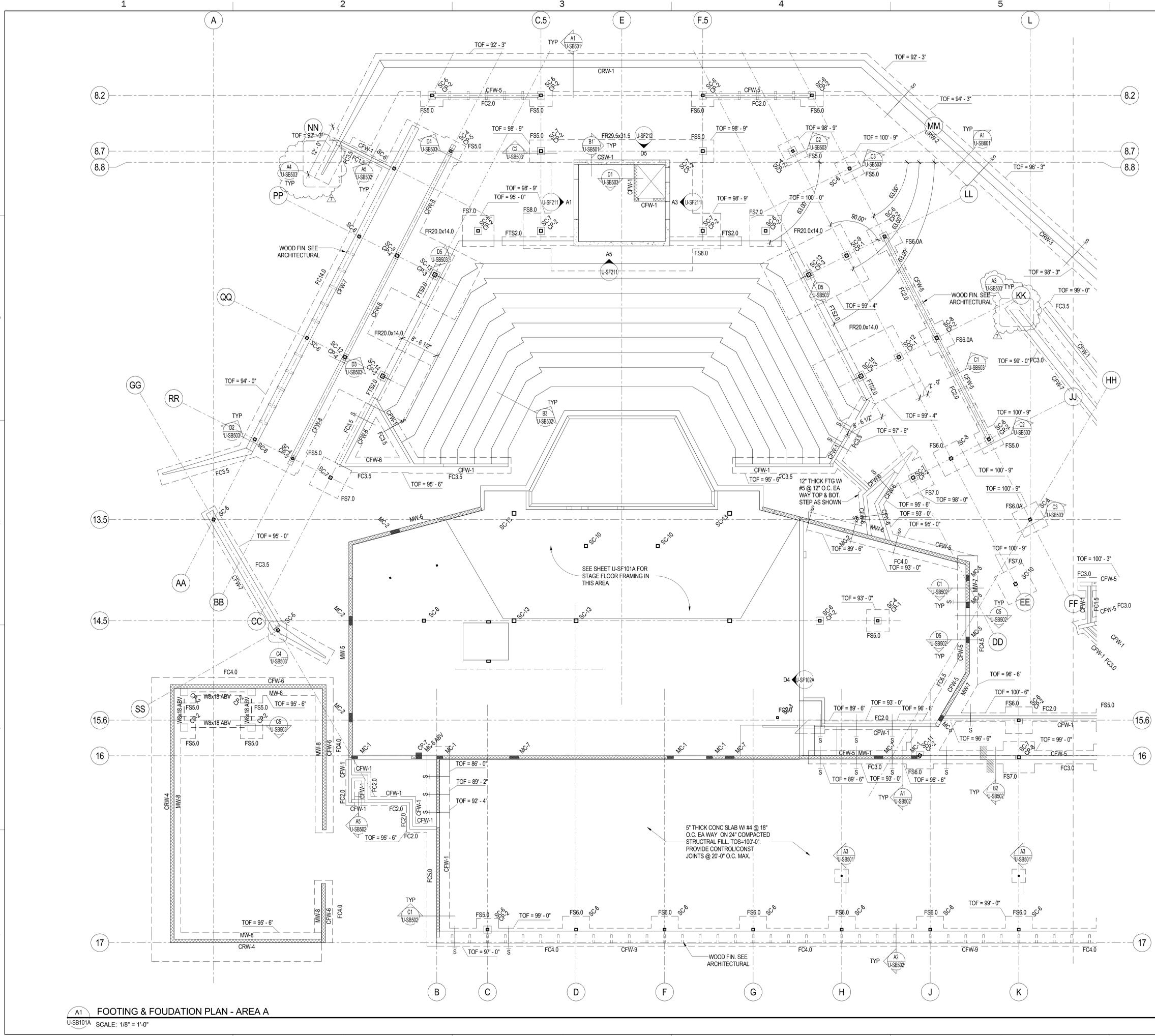
date: 28 May 2014

DFCM project no: 12218730

Bid Documents

Southern Utah University
Beverly Taylor Sorenson
Center for the Arts
Utah Shakespeare Festival Facility
Cedar City, Utah

First Floor Finish Floor Plan
U-IF101



FOOTING & FOUNDATION PLAN LEGEND

- FOOTING STEP
- FOOTING - CONTINUOUS
- FOOTING - THICKENED SLAB
- FOOTING - SQUARE FOOTING - RECTANGULAR FOOTING - MAT FOOTING
- CONCRETE WALL, CONCRETE FOUNDATION WALL, OR CONCRETE RETAINING WALL
- CONCRETE FOUNDATION WALL - RECESSED
- CONCRETE PIER IN CONCRETE WALL, TOP OF PIER RECESSED 8" BELOW SLAB, TYP U.N.O.
- CONCRETE JAMB COLUMN POURED MONOLITHIC WITH CONCRETE WALL
- MASONRY WALL
- MASONRY WALL - RECESSED
- MASONRY COLUMN IN MASONRY WALL
- STEEL COLUMN - HSS
- CHANGE IN ELEVATION
- SLAB BLOCK-OUT AT COLUMN
- SLAB CONTROL/CONSTRUCTION JOINT
- SPECIAL SLAB AREA
- HOUSE KEEPING PADS
- RECESSED/DEPRESSED SLAB
- OPENING

FOOTING & FOUNDATION PLAN NOTES

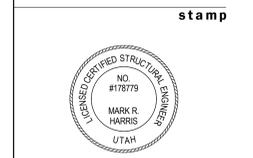
1. SEE ARCHITECTURAL, CIVIL AND LANDSCAPE DRAWINGS FOR EXTERIOR CONCRETE WORK AT DOORS, SIDEWALKS ETC.
2. SEE ARCHITECTURAL DRAWINGS AND FINISH SCHEDULE FOR SLAB AREAS TO RECEIVE FLOOR TILE.
3. SEE ARCHITECTURAL DRAWINGS FOR SLAB DEPRESSIONS AND SLOPES TO DRAINS, ETC.
4. SEE ARCHITECTURAL, CIVIL AND LANDSCAPE DRAWINGS FOR ADDITIONAL EXTERIOR CONCRETE RETAINING AND / OR SITE WALLS NOT SHOWN ON THE STRUCTURAL DRAWINGS.
5. SEE TYPICAL STEP DETAIL AT CONTINUOUS FOOTING AND TYPICAL STEP DETAIL AT MAT FOOTING FOR CHANGES IN FOOTING ELEVATIONS.
6. SEE TYPICAL CONCRETE WALL REINFORCING DETAILS FOR REINFORCEMENT AT INTERSECTIONS CORNERS AND ENDS.
7. SEE TYPICAL CONCRETE SLAB ON GRADE DETAILS FOR CONSTRUCTION JOINTS, CONTROL JOINTS AND ADDITIONAL SLAB REINFORCING.
8. SEE TYPICAL CONCRETE SLAB ON GRADE PROFILE DETAIL FOR SUBGRADE REQUIREMENTS.
9. PROVIDE RAMMED AGGREGATE PIERS UNDER ALL FOOTINGS AND SLABS.
10. ALL EXTERIOR STEEL COLUMNS & THEIR HEADED ANCHOR BOLTS TO BE HOT DIP GALVANIZED.

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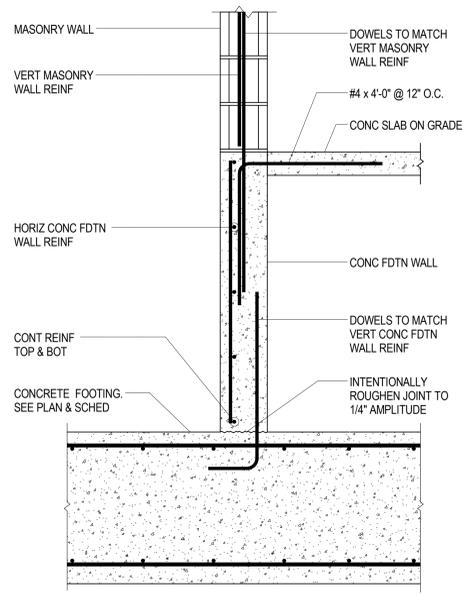
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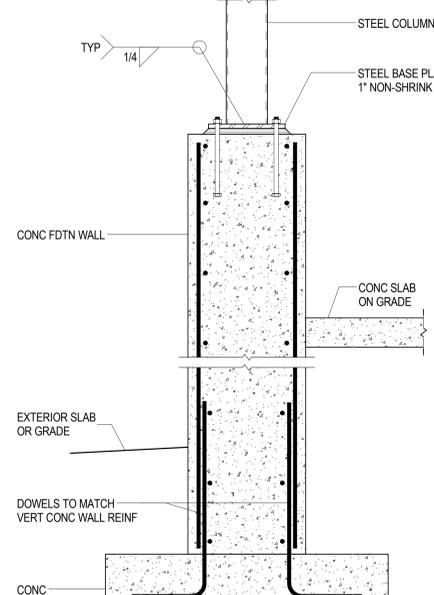
Southern Utah University
Beverly Taylor Sorenson
Center for the Arts
Utah Shakespeare Festival Facility
Cedar City, Utah

FTG & FDTN PLAN
- AREA A
U-SB101A

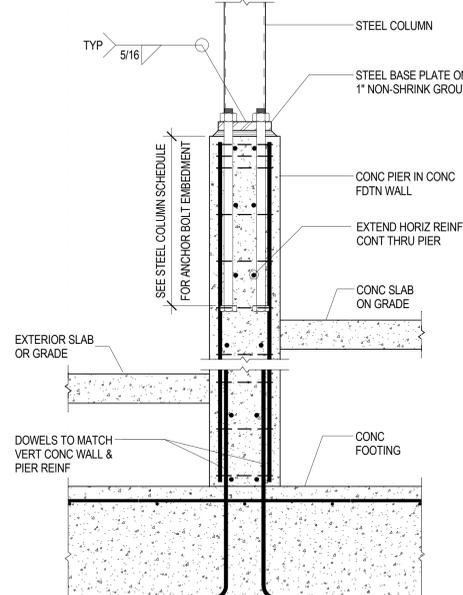
A1 FOOTING & FOUNDATION PLAN - AREA A
U-SB101A SCALE: 1/8" = 1'-0"



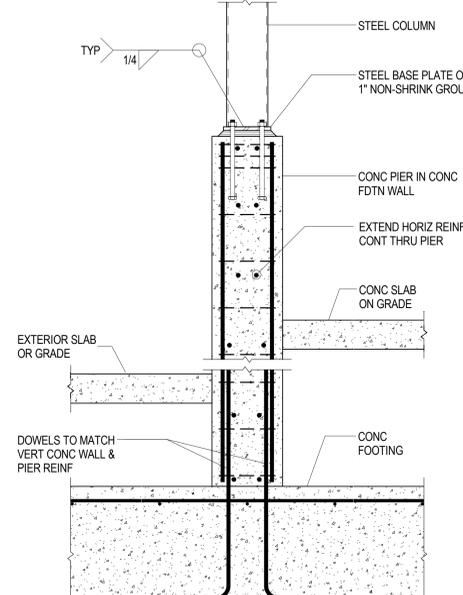
D1 TYPICAL MASONRY WALL ON CONCRETE FOUNDATION WALL AT ELEVATOR PIT
U-SB503 NO SCALE



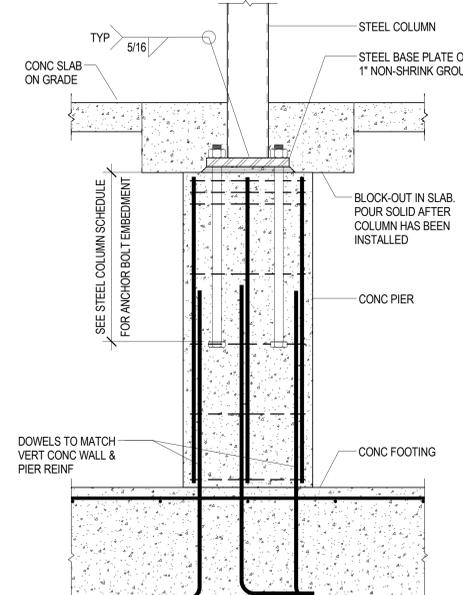
D2 EXTERIOR CONC FOUNDATION WALL W STEEL COLUMN ABOVE
U-SB503 NO SCALE



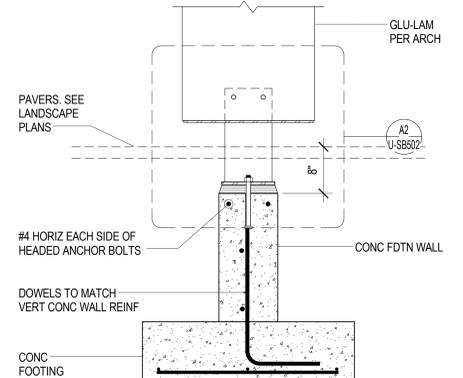
D3 EXTERIOR CONC PIER IN CONC FDTN WALL W STEEL COLUMN ABOVE
U-SB503 NO SCALE



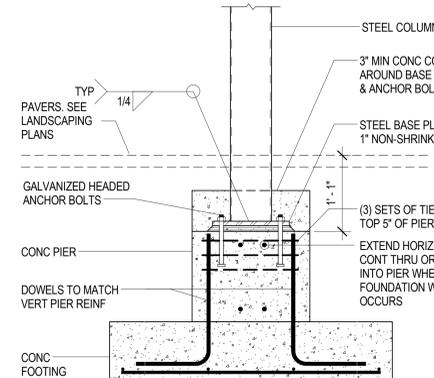
D4 EXTERIOR CONC PIER IN CONC FDTN WALL W STEEL COLUMN ABOVE
U-SB503 NO SCALE



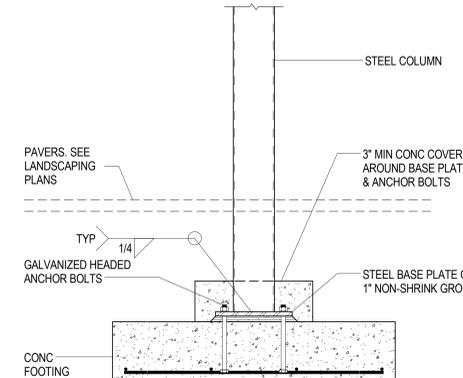
D5 EXTERIOR CONCRETE PIER W STEEL COLUMN ABOVE
U-SB503 NO SCALE



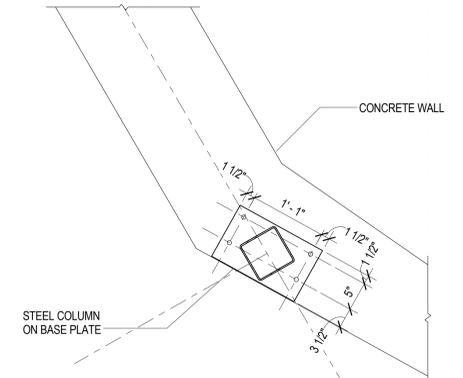
C1 EXTERIOR CONC FOUNDATION WALL W ARCHL GLU-LAM ABV
U-SB503 NO SCALE



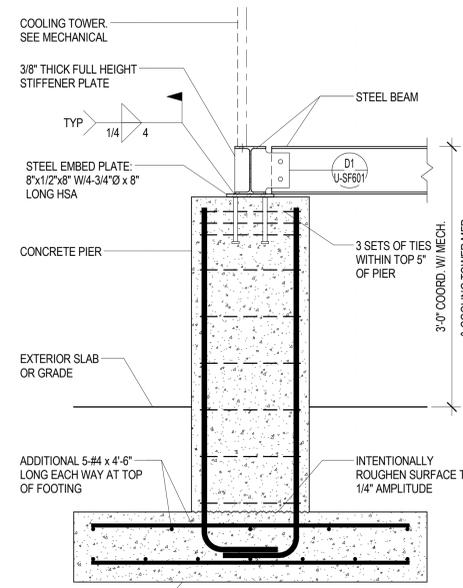
C2 EXTERIOR CONC FOUNDATION WALL W STEEL COLUMN ABOVE
U-SB503 NO SCALE



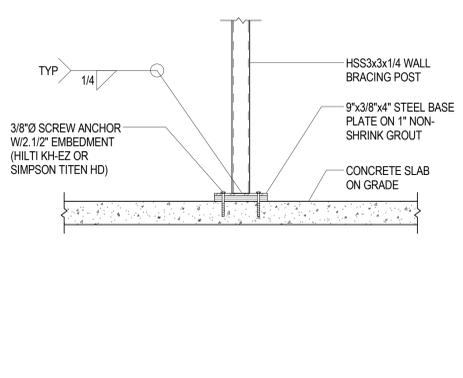
C3 EXTERIOR CONC FOOTING W STEEL COLUMN ABOVE
U-SB503 NO SCALE



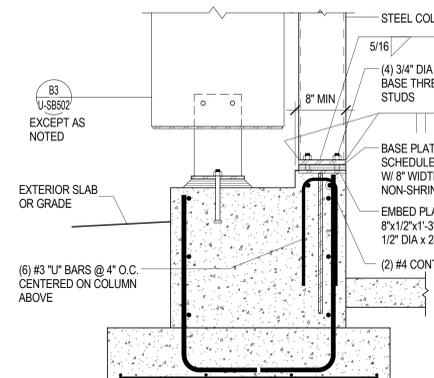
C4 STEEL COLUMN & BASE PLATE ON CONCRETE WALL - PLAN VIEW
U-SB503 NO SCALE



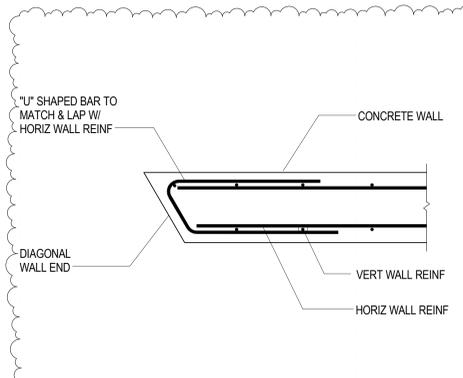
C5 COOLING TOWER SUPPORT BEAMS ON CONCRETE PIER
U-SB503 NO SCALE



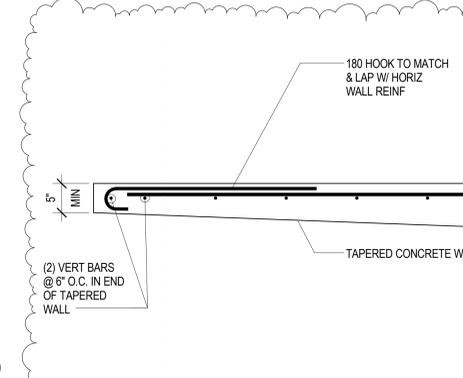
A1 WALL BRACE POST BASE
U-SB503 NO SCALE



A2 EXTERIOR CONC FOUNDATION WALL W ARCHL GLU-LAM & STEEL COLUMN ABOVE
U-SB503 NO SCALE



A3 DIAGONAL WALL END OF CONCRETE WALL - PLAN VIEW
U-SB503 NO SCALE

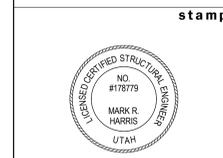


A4 TAPERED CONCRETE WALL - PLAN VIEW
U-SB503 NO SCALE

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| Addendum 05 | 2014, June 20 |
| Addendum 06 | 2014, June 25 |
| Addendum 07 | 2014, July 8 |

date: 28 MAY 2014
DFCM project no: 12218730
Bid Documents

Southern Utah University
Beverley Taylor Sorenson
Center for the Arts
Utah Shakespeare Festival Facility
Cedar City, Utah

TYP FTG & FDTN
DETAILS
U-SB503

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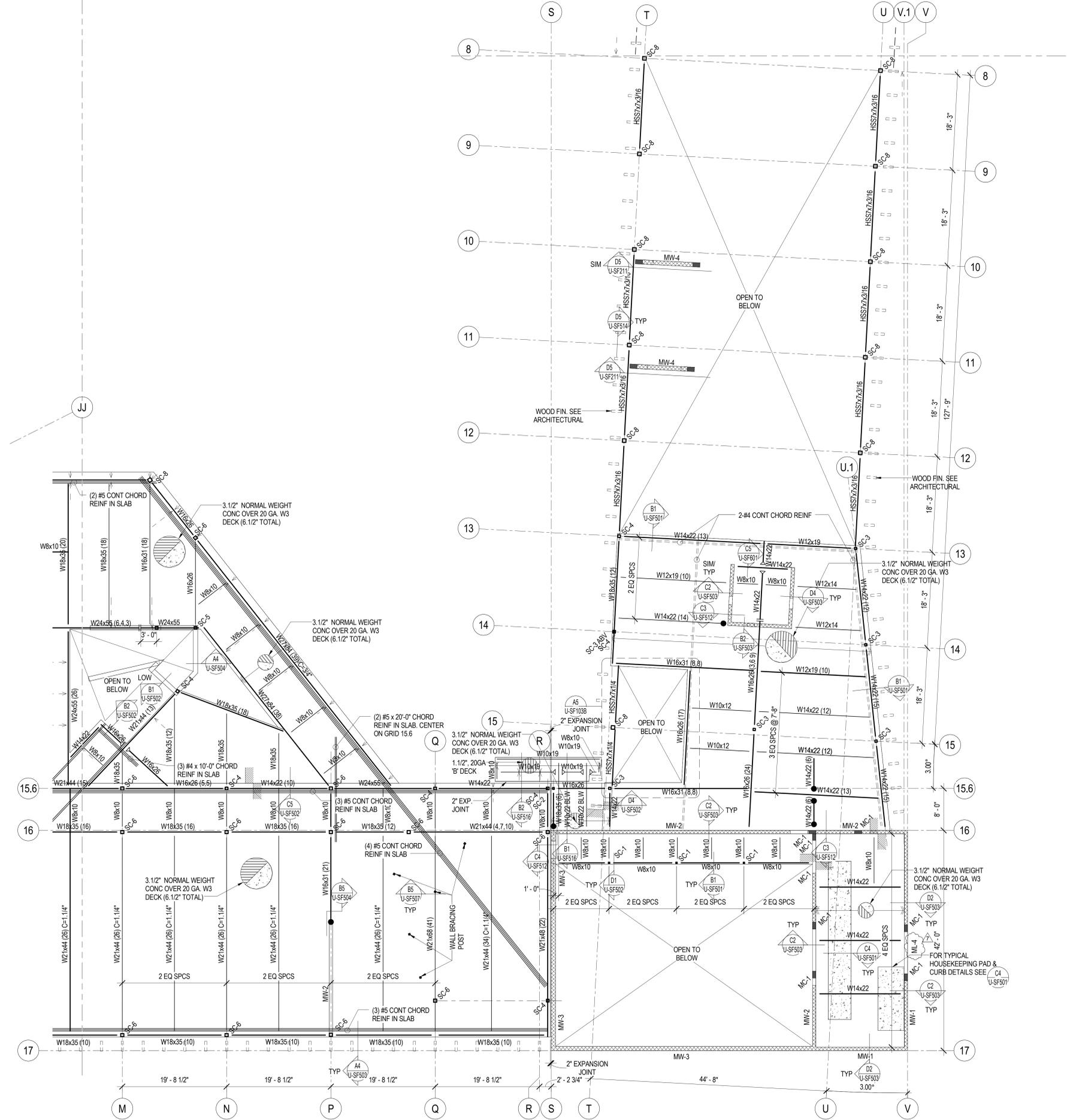
4

5

6

A1 FLOOR FRAMING PLAN - AREA B
U-SF103B SCALE: 1/8" = 1'-0"

A5 STAIR FRAMING PLAN - AREA B
U-SF103B SCALE: 1/4" = 1'-0"



FLOOR FRAMING PLAN LEGEND

- CONCRETE WALL
- CONCRETE LINTEL IN CONCRETE WALL
- CONCRETE COLUMN IN CONCRETE WALL
- CONCRETE JAMB COLUMN POURED MONOLITHIC WITH CONCRETE WALL
- MASONRY WALL
- MASONRY LINTEL IN MASONRY WALL
- MASONRY COLUMN IN MASONRY WALL
- STEEL COLUMN - TUBE
- MOMENT CONNECTION
- CANTILEVER FULL PEN CONNECTION
- COLLECTOR CONNECTION SEE C1/U-SF601 UNO
- STEEL BEAM OR GIRDER
- STEEL JOIST OR PURLIN
- STEEL ANGLE BRACE / KICKER
- CHANGE IN ELEVATION
- CONCRETE ON METAL DECK
- ROOF DECK
- SPECIAL DECK AREA
- HOUSEKEEPING PAD
- RECESSED/DEPRESSED SLAB ON METAL DECK
- OPENING

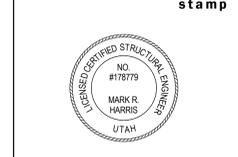
- FLOOR FRAMING PLAN NOTES**
- SEE GENERAL STRUCTURAL NOTE (III.D.8) AND DETAILS D3/U-SF501 FOR CONTROL JOINTS IN SUSPENDED SLABS OVER STEEL DECK.
 - SEE DETAILS D1/U-SF501 FOR MISCELLANEOUS FLOOR OPENINGS.
 - SEE GENERAL STRUCTURAL NOTE (V.J.7) FOR STEEL DECK REQUIREMENTS WHERE 3-SPAN CONDITIONS ARE NOT POSSIBLE.
 - PROVIDE 4 1/2" LONG HEADED STUD ANCHORS ON COMPOSITE BEAMS IN THE AREAS OF 1" SLAB RECESSES.
 - CONDUIT IS NOT PERMITTED IN CONCRETE OVER FLOOR DECK.

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Revisions

| | |
|-------------|---------------|
| Addendum 04 | 2014, June 17 |
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| Addendum 07 | 2014, July 8 |

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FLOOR FRAMING PLAN - AREA B
U-SF103B

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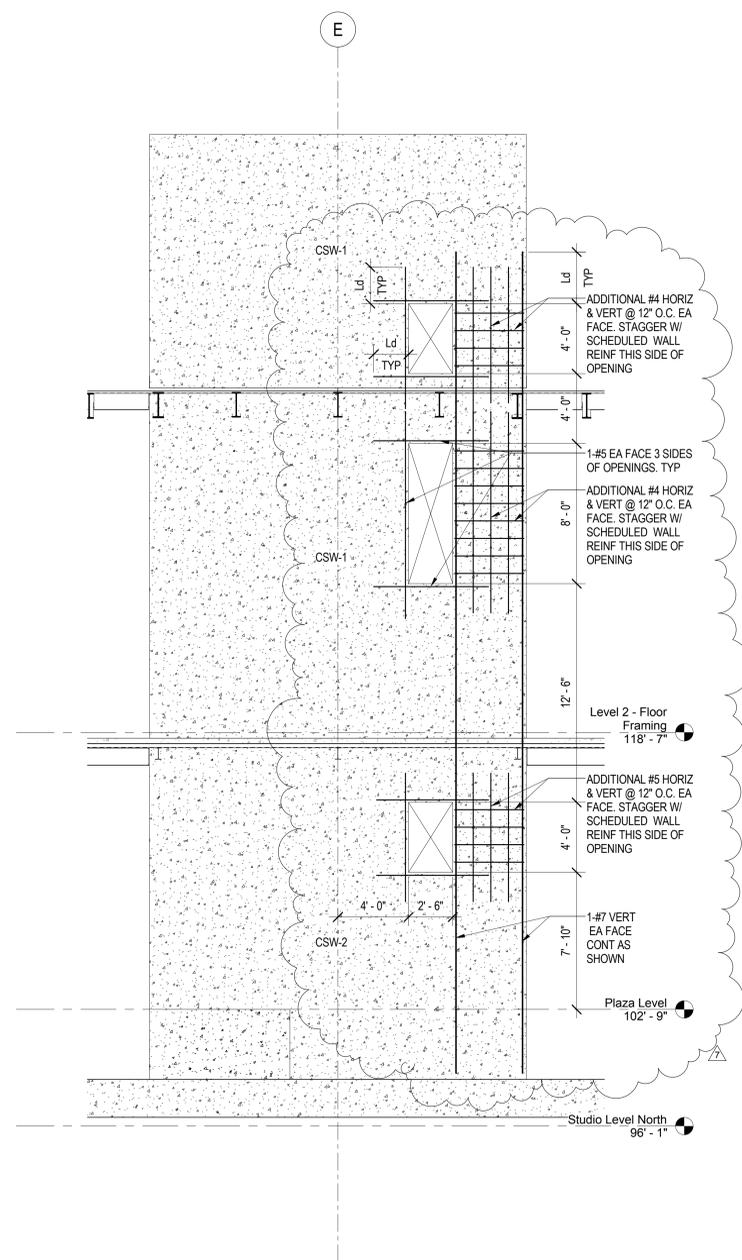
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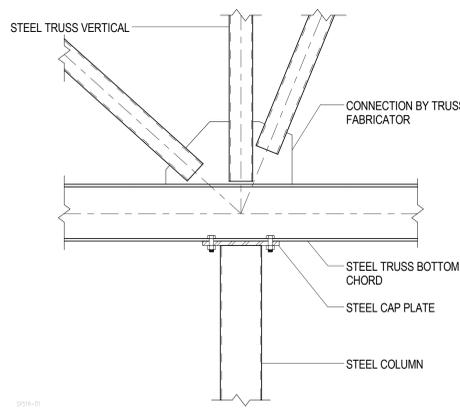
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Cedar City, Utah

CONCRETE SHEAR
WALL ELEVATIONS
U-SF212

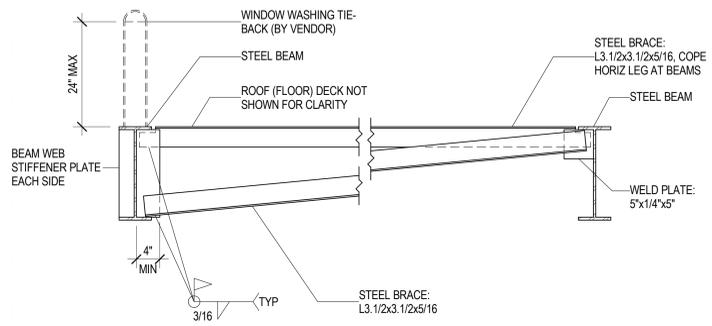


D5 CONCRETE SHEAR WALL ELEVATION ALONG GRID 8.8
U-SF212 SCALE: 1/4" = 1'-0"

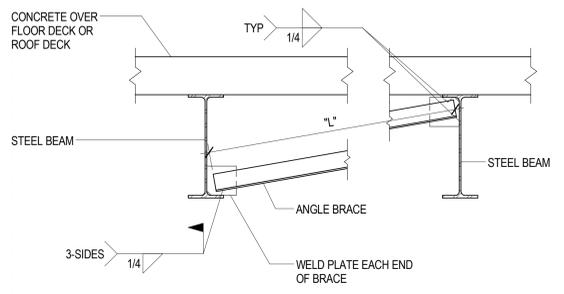
1 2 3 4 5 6



D1 TYPICAL TRUSS CONNECTION
U-SF516 NO SCALE



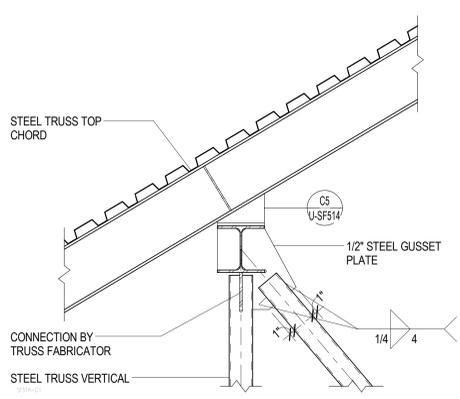
D3 TYPICAL WINDOW WASHING TIE-BACK CONNECTION TO STEEL BEAM
U-SF516 NO SCALE



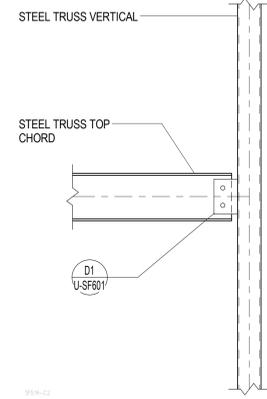
D4 TYPICAL STEEL BEAM BOTTOM FLANGE BRACE DETAIL
U-SF516 NO SCALE

| ANGLE BRACE SCHEDULE | | |
|----------------------|--------------------|-----------------|
| BRACE LENGTH "L" | ANGLE BRACE SIZE | WELD PLATE SIZE |
| UP TO 4'-0" | L2x2x1/4 | 4"x1/4"x4" |
| 4'-0" TO 8'-0" | L3x3x1/4 | 4"x1/4"x4" |
| 8'-0" TO 12'-0" | 2-L2.1/2x2.1/2x1/4 | 4"x3/8"x4" |
| OVER 12'-0" | 2-L3x3x1/4 | 5"x3/8"x5" |

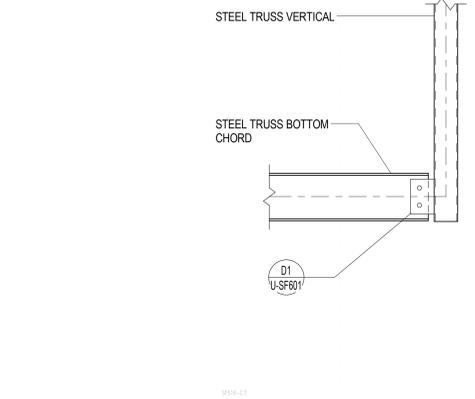
NOTE:
1. WHERE DOUBLE ANGLES ARE USED PROVIDE 3"x3/8" SPACER PLATES AT THIRD POINTS.



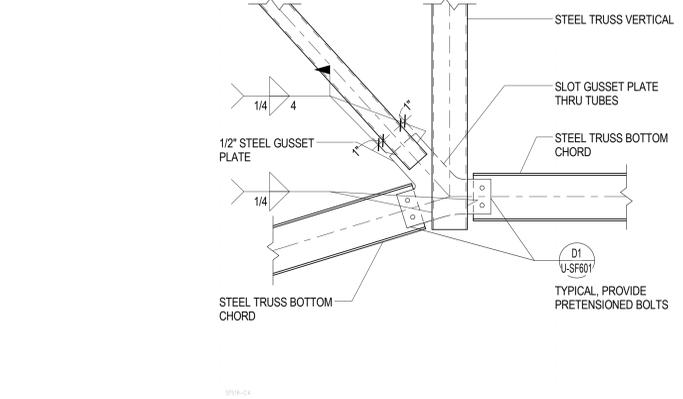
C1 TYPICAL TRUSS CONNECTION
U-SF516 NO SCALE



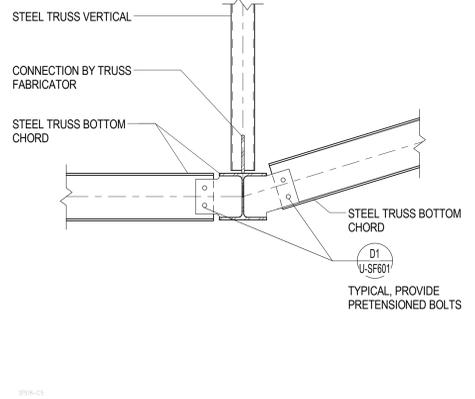
C2 TYPICAL TRUSS CONNECTION
U-SF516 NO SCALE



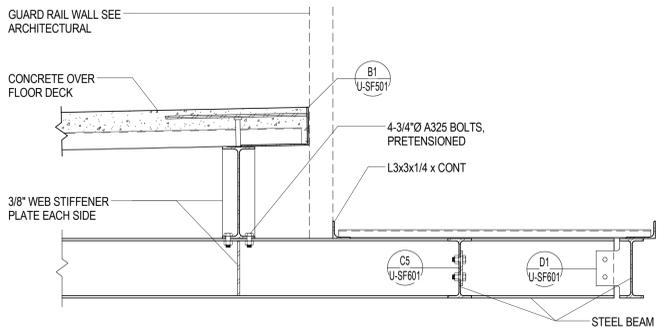
C3 TYPICAL TRUSS CONNECTION
U-SF516 NO SCALE



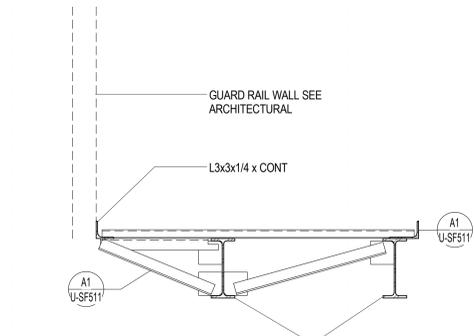
C4 TYPICAL TRUSS CONNECTION
U-SF516 NO SCALE



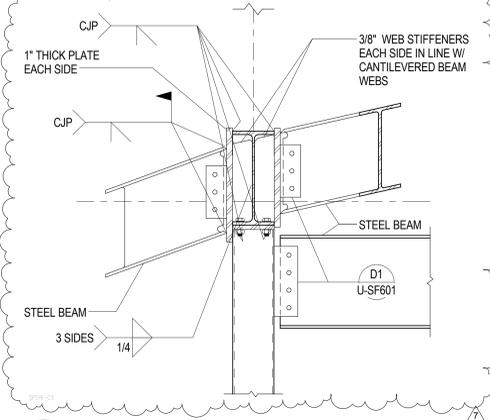
C5 TYPICAL TRUSS CONNECTION
U-SF516 NO SCALE



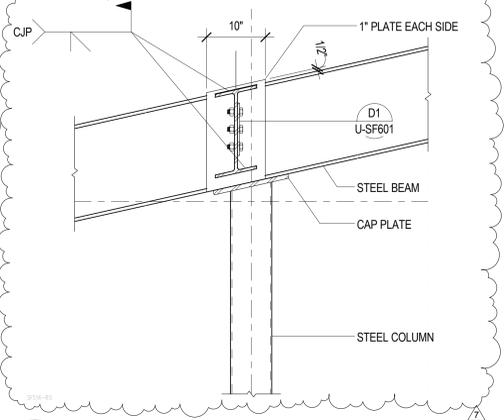
B1 CANOPY FRAMING DETAIL
U-SF516 NO SCALE



B2 CANOPY FRAMING DETAIL
U-SF516 NO SCALE



B4 TYPICAL CANTILEVERED BEAM AT TRUSS CONNECTION
U-SF516 NO SCALE



B5 TYPICAL CANTILEVERED BEAM AT TRUSS CONNECTION
U-SF516 NO SCALE

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LICENSED CERTIFIED STRUCTURAL ENGINEER
NO. #178179
MARK R. HARRIS
UTAH

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Revisions
Addendum 04 2014, June 17
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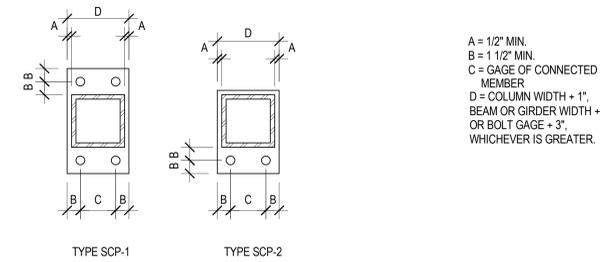
ROOF FRAMING
DETAILS
U-SF516

E
D
C
B
A

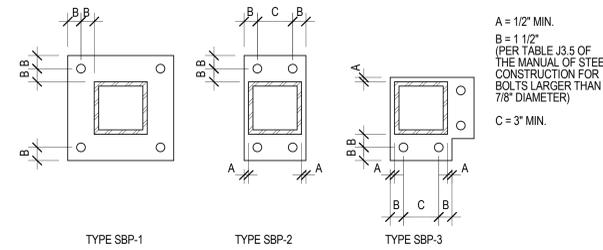
1 2 3 4 5 6

| STEEL COLUMN SCHEDULE | | | | | | |
|-----------------------|---------------|----------------------|-----------------|---------------------|----------------|---|
| MARK | SIZE | BASE PLATE THICKNESS | BASE PLATE TYPE | CAP PLATE THICKNESS | CAP PLATE TYPE | REMARKS |
| SC-1 | HSS3x3x1/4 | 3/4" | SBP-1,2 OR 3 | 1/2" | SCP-1 OR 2 | |
| SC-2 | HSS4x4x1/4 | 3/4" | SBP-1,2 OR 3 | 1/2" | SCP-1 OR 2 | |
| SC-3 | HSS5x5x1/4 | 3/4" | SBP-1,2 OR 3 | 1/2" | SCP-1 OR 2 | |
| SC-4 | HSS6x6x1/4 | 1" | SBP-1,2 OR 3 | 1/2" | SCP-1 OR 2 | |
| SC-5 | HSS6x6x3/16 | 1" | SBP-1,2 OR 3 | 1/2" | SCP-1 OR 2 | |
| SC-6 | HSS7x7x1/4 | 1" | SBP-1,2 OR 3 | 1/2" | SCP-1 OR 2 | |
| SC-7 | HSS8x8x1/4 | 1.3/8" | SBP-1,2 OR 3 | 3/4" | SCP-1 OR 2 | |
| SC-8 | HSS8x8x5/16 | 1.3/8" | SBP-1,2 OR 3 | 3/4" | SCP-1 OR 2 | |
| SC-9 | HSS8x8x5/16 | 1.3/8" | SBP-1,2 OR 3 | 3/4" | SCP-1 OR 2 | 4-1.3/4" DIA HEADED ANCHOR RODS (26" EMBED) |
| SC-10 | HSS8x8x3/8 | 1.3/8" | SBP-1,2 OR 3 | 3/4" | SCP-1 OR 2 | |
| SC-11 | HSS8x8x1/2 | 1.3/8" | SBP-1,2 OR 3 | 3/4" | SCP-1 OR 2 | |
| SC-12 | HSS8x8x1/2 | 1.3/8" | SBP-1,2 OR 3 | 3/4" | SCP-1 OR 2 | 4-1.3/4" DIA HEADED ANCHOR RODS (26" EMBED) |
| SC-13 | HSS10x10x5/16 | 1.3/8" | SBP-1,2 OR 3 | 3/4" | SCP-1 OR 2 | |
| SC-14 | HSS10x10x1/2 | 1.3/8" | SBP-1,2 OR 3 | 3/4" | SCP-1 OR 2 | |

- UNLESS NOTED OTHERWISE ALL COLUMNS SHALL BE INSTALLED W/ 4-3/4" DIAMETER A.B. W/ 3" (MIN.) HOOKS. PROJECT ANCHOR BOLTS 3" (MIN.) ABOVE THE TOP OF THE BASE PLATE. EMBEDMENT SHALL BE 9" (MIN.). ALL BOLTS SHALL BE INSTALLED W/ HARDENED WASHERS BENEATH THE NUT. ANY BOLT HOLES LARGER THAN THE BOLT DIAMETER PLUS 5/16" SHALL HAVE 5/16" PLATE WASHERS INSTALLED BENEATH THE HARDENED WASHERS.
- ALL BOLTS IN CAP PLATES SHALL BE 3/4" DIA. A325N BOLTS TYPICAL U.N.O.
- COLUMN SPLICES SHALL BE LOCATED PER SPLICE DETAILS, TYPICAL, U.N.O.
- WELDS SHALL NOT BE MADE TO ANCHOR BOLTS.



C5 TYPICAL STEEL CAP PLATES - REFLECTED PLAN VIEW
U-SF602 NO SCALE



B5 TYPICAL STEEL BASE PLATES - PLAN VIEW
U-SF602 NO SCALE

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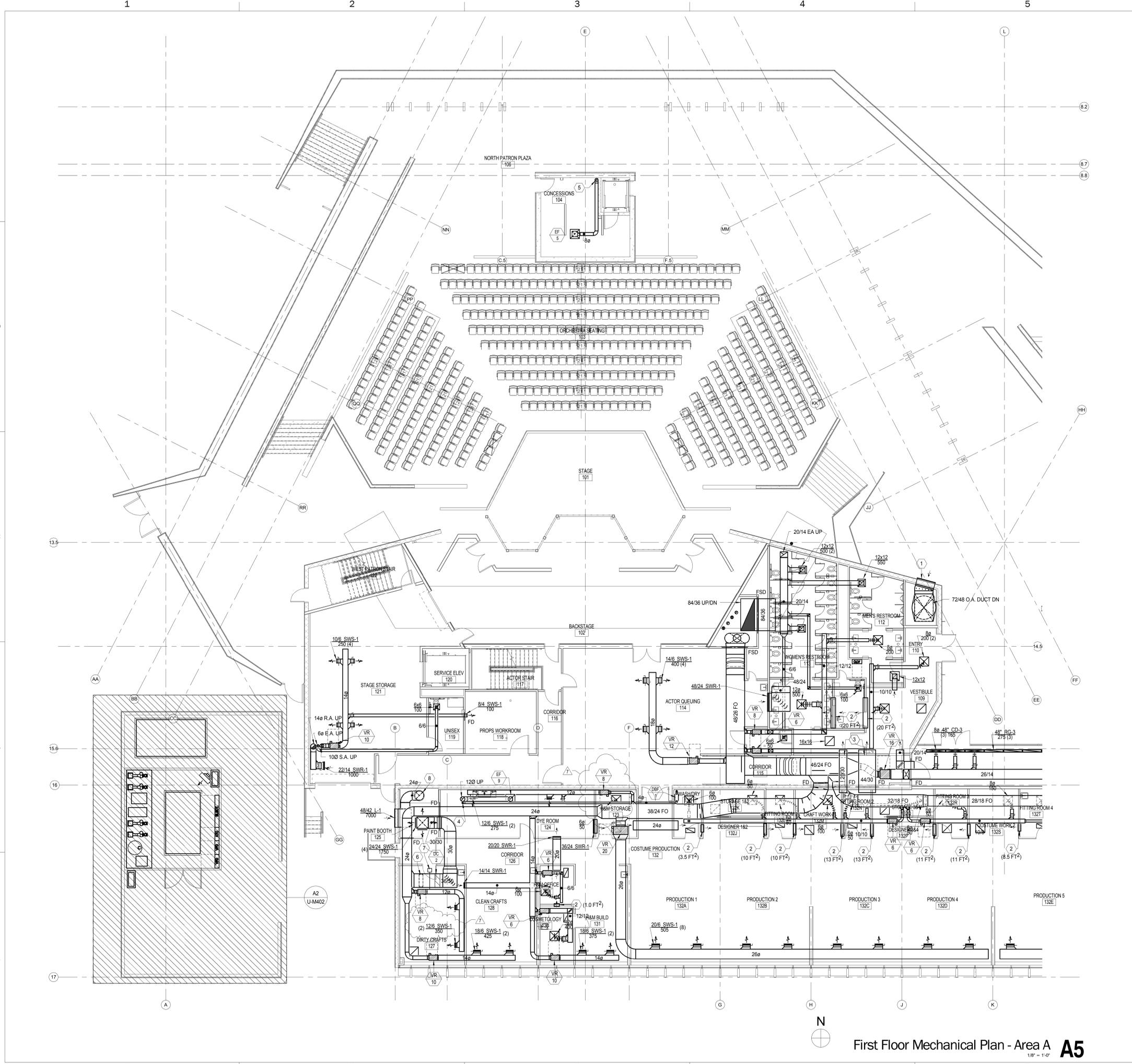
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| Addendum 03 | 2014, June 10 |
| Addendum 07 | 2014, July 8 |

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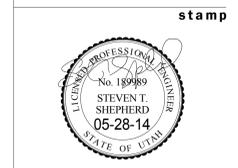
- ### SHEET KEYNOTES
- CONNECT OUTSIDE AIR DUCT TO OUTSIDE AIR LOUVER. SEE ARCHITECTURAL DRAWINGS FOR LOUVER DETAILS. SEAL AIR TIGHT.
 - PROVIDE OPENING FOR RETURN AIR ABOVE CEILING. SIZE OF OPENING AS INDICATED.
 - RETURN DUCT SHALL RUN BETWEEN STRUCTURE.
 - EXTEND 4" Ø DRYER VENT THROUGH ROOF.
 - ROUTE EXHAUST DUCT FROM CONCESSION 104 EXHAUST FAN UP THE BACK SIDE OF ELEVATOR SHAFT TO THE EXTERIOR WALL WHERE THE SECOND LEG OF THE SPIRAL STAIR IS ABOVE CONTROL BOOTH 202.
 - PROVIDE AND INSTALL EBTRON FLOW STATION. EBTRON TO BE PROVIDED BY ATC.
 - PROVIDE AND INSTALL MOTORIZED DAMPER. DAMPER SHALL BE PROVIDED BY ATC.
 - INTERLOCK PAINT BOOTH EXHAUST FAN (PROVIDED BY OTHERS WITH MAKE-UP AIR SYSTEM (FLOW STATION, MOTORIZED DAMPER, AND DUCT COIL).

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| Addendum 03 | 06/10/14 |
| Addendum 04 | 06/17/14 |
| Addendum 05 | 06/20/14 |
| Addendum 06 | 06/25/14 |
| Addendum 07 | 07/08/14 |

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Cedar City, Utah

First Floor Mechanical Plan - Area A
1/8" = 1'-0" **A5**

First Floor Mech
Plan - Area A
U-M101A

| ID | MANUFACTURER | MODEL | DESCRIPTION |
|----------------|--------------|----------|---|
| CD-1 | EH PRICE | SPD | FACE STYLE: SQUARE PLAQUE DIFFUSER FACE SIZE: 24" x 24", 24" x 12" OR 12" x 12" AS REQUIRED TO FIT CEILING TILE SPACE AVAILABLE. APPLICATION: ENGINEERED VAV SYSTEMS MATERIAL: STEEL FINISH: B12 WHITE POWDERCOAT MOUNTING-FRAME: SURFACE OR LAY-IN, (C/W CEILING TYPE.) PATTERN: 360° RADIAL HORIZONTAL AIR PATTERN DAMPER: OPPOSED BLADE MAX NC - 30 DAMPER: NONE REMOVABLE FACE |
| CD-2 | EH PRICE | ASPI 210 | FACE STYLE: LINEAR 1-SLOT DIFFUSER APPLICATION: ENGINEERED VAV SYSTEMS MATERIAL: BORDER AND FRAME; ALUMINUM FINISH: FACE; B12 WHITE POWDERCOAT FINISH: PATTERN CONTROLLER; B17 BLACK POWDERCOAT DAMPER: NONE WIDTH OF SLOT: 1" LENGTH OF SLOT: SEE DWGS. MOUNTING: SURFACE OR LAY-IN, AS REQD. CURVED FOR EXPOSED DUCT MOUNTING AS REQD. PATTERN: ONE OR TWO WAY, FULLY ADJUSTABLE MAX NC - 30 VANES: CURVED FLOW CONTROL INSULATED PLENUM ROUND DUCT CONNECTION |
| CD-3 | EH PRICE | ASPI 210 | FACE STYLE: LINEAR 2-SLOT DIFFUSER APPLICATION: ENGINEERED VAV SYSTEMS MATERIAL: BORDER AND FRAME; ALUMINUM FINISH: FACE; B12 WHITE POWDERCOAT FINISH: PATTERN CONTROLLER; B17 BLACK POWDERCOAT DAMPER: NONE WIDTH OF SLOT: 1" LENGTH OF SLOT: SEE DWGS. MOUNTING: SURFACE OR LAY-IN, AS REQD. CURVED FOR EXPOSED DUCT MOUNTING AS REQD. PATTERN: ONE OR TWO WAY, FULLY ADJUSTABLE MAX NC - 30 VANES: CURVED FLOW CONTROL INSULATED PLENUM ROUND DUCT CONNECTION |
| SWS-1 | EH PRICE | S20S | FACE STYLE: DOUBLE DEFLECTION HIGH SIDEWALL SUPPLY REGISTER APPLICATION: CONSTANT VOLUME BLADE ORIENTATION: VERTICAL FRONT WITH REAR HORIZONTAL ADJUSTABLE VANES. FRONT BLADES PARALLEL TO SHORT DIMENSION. MATERIAL: STEEL FINISH: B12 WHITE POWDERCOAT FRAME: 1.25" BORDER MOUNTING: SURFACE PATTERN: ADJUSTABLE DAMPER: OPPOSED BLADE MAX NC - 30 CORE: REMOVABLE |
| RG-1 | EH PRICE | PDDR | FACE STYLE: PERFORATED RETURN AIR UNIT FACE SIZE: 24" x 24", 24" x 12" OR 12" x 12" AS REQUIRED TO FIT CEILING TILE SPACE AVAILABLE. APPLICATION: AIR RETURN MATERIAL: STEEL FINISH: B12 WHITE POWDERCOAT MOUNTING-FRAME: SURFACE OR LAY-IN, (C/W CEILING TYPE.) DAMPER: NONE MAX NC - 30 REMOVABLE FACE & CORE |
| RG-2 | EH PRICE | SDR 100 | FACE STYLE: LINEAR 1-SLOT RETURN GRILLE APPLICATION: ENGINEERED VAV SYSTEMS MATERIAL: BORDER AND FRAME; ALUMINUM FINISH: FACE; B12 WHITE POWDERCOAT FINISH: PATTERN CONTROLLER; B17 BLACK POWDERCOAT DAMPER: NONE WIDTH OF SLOT: 1" LENGTH OF SLOT: SEE DWGS. MOUNTING: SURFACE OR LAY-IN, AS REQD. CURVED FOR EXPOSED DUCT MOUNTING AS REQD. PATTERN: ONE OR TWO WAY, FULLY ADJUSTABLE MAX NC - 30 VANES: CURVED FLOW CONTROL |
| RG-3 | EH PRICE | SDR 100 | FACE STYLE: LINEAR 2-SLOT RETURN GRILLE APPLICATION: ENGINEERED VAV SYSTEMS MATERIAL: BORDER AND FRAME; ALUMINUM FINISH: FACE; B12 WHITE POWDERCOAT FINISH: PATTERN CONTROLLER; B17 BLACK POWDERCOAT DAMPER: NONE WIDTH OF SLOT: 1" LENGTH OF SLOT: SEE DWGS. MOUNTING: SURFACE OR LAY-IN, AS REQD. CURVED FOR EXPOSED DUCT MOUNTING AS REQD. PATTERN: ONE OR TWO WAY, FULLY ADJUSTABLE MAX NC - 30 VANES: CURVED FLOW CONTROL |
| SWR-1 SWE-1 | EH PRICE | S3S S | FACE STYLE: SIDE WALL RETURN AIR GRILLE ARRANGEMENT: STATIONARY HORIZONTAL BLADE ORIENTATION: 45 DEG DEFLECTION VANES SPACED AT 1/2 INCH CENTERS. FRONT BLADES PARALLEL TO SHORT DIMENSION. MATERIAL: STEEL FINISH: B12 WHITE POWDERCOAT FRAME: 1.25 INCH FLAT / BORDER MOUNTING: SURFACE PATTERN: PERMANENT 45 DEGREE DEFLECTION DAMPER: OPPOSED BLADE MAX NC - 30 |
| EG-1 | EH PRICE | 80 | FACE STYLE: CRATE RETURN AIR UNIT FACE SIZE: 24" x 24", 24" x 12" OR 12" x 12" AS REQUIRED TO FIT CEILING TILE SPACE AVAILABLE. APPLICATION: PRESSURIZED AIR RETURN MATERIAL: ALUMINUM FINISH: B12 WHITE POWDERCOAT MOUNTING-FRAME: SURFACE OR LAY-IN, (C/W CEILING TYPE.) DAMPER: OPPOSED BLADE MAX NC - 30 REMOVABLE FACE & CORE |

| ID | MANUFACTURER | MODEL | MAX NC | DESCRIPTION |
|-----|--------------|-------|-----------|---|
| L-1 | AIRLOITE | K6776 | SEE PLANS | WALL LOUVER, STATIONARY 6 INCH THICK 35 BLADE, 12 GA., EXT. ALUMINUM BLADES, 8 GA. EXT. ALUMINUM JAMBS. CHANNEL FRAME. BIRD SCREEN. COLOR AND FINISH TO BE SELECTED BY ARCHITECT. |

| AIR HANDLER SCHEDULE | | | | | | | | | | | | | | | |
|----------------------|-------------------------------|-----------|----------------------|---------------------------|------------|------------|--------------|--------------|------------|---------|-----------------------------------|-------------|----------|-----|-------|
| ID | MANUFACTURER AND MODEL NUMBER | LOCATION | AIR | | | | COMPONENTS | | | | ELECTRICAL | | PHYSICAL | | NOTES |
| | | | SUPPLY AIRFLOW (CFM) | MIN OUTSIDE AIRFLOW (CFM) | SUPPLY FAN | RELIEF FAN | HEATING COIL | COOLING COIL | VOLTPH/PHZ | LIGHTS | CABINET LENGTH/ WIDTH/HEIGHT (IN) | WEIGHT (LB) | | | |
| AH-1 | UNITECH CUSTOM BUILT | MECH ROOM | 20,000 | 3,000 | SF-1 | RLF-1 | PC-1 | CC-1 | 460/360 | 120/160 | 378 / 104 / 84 | 18,000 | 1 | 1.2 | |
| AH-2 | UNITECH CUSTOM BUILT | MECH ROOM | 22,000 | 3,000 | SF-2 | RLF-2 | PC-2 | CC-2 | 460/360 | 120/160 | 378 / 104 / 84 | 18,000 | 1 | 1 | |
| AH-3 | UNITECH CUSTOM BUILT | MECH ROOM | 6,500 | 1,000 | SF-3 | RLF-3 | HC-3 | CC-3 | 460/360 | 120/160 | 354 / 44 / 78 | 10,000 | 1 | 1 | |
| AH-4 | UNITECH CUSTOM BUILT | MECH ROOM | 27,000 | 4,000 | SF-4 | RLF-4 | PC-4 | CC-4 | 460/360 | 120/160 | 276 / 130 / 84 | 24,000 | 1 | 1 | |

- CUSTOM BUILT AIR HANDLING UNITS
- AIR HANDLER AND ASSOCIATED FAN TO BE PART OF ALTERNATE NO. 1

| COIL SCHEDULE | | | | | | | | | | | | | | | | | | |
|---------------|-------------------------------|----------|---------|--------------------|-------------------|----------------------|---------------------------|--------------------------|-----------------------------|-----------------|------------------------------|---------------|----------------|-----------|----------------------------------|-------|-------------------------|--------------------|
| ID | MANUFACTURER AND MODEL NUMBER | LOCATION | USAGE | AIR | | | | FLUID | | | | PHYSICAL | | | | NOTES | | |
| | | | | AIRFLOW RATE (CFM) | TOTAL LOAD (BTUH) | SENSIBLE LOAD (BTUH) | ENTERING TEMP. DB/WB (°F) | LEAVING TEMP. DB/WB (°F) | STATIC PRESSURE (IN. WATER) | FLOW RATE (GPM) | ENTERING/ LEAVING TEMP. (°F) | WORKING FLUID | HEAD LOSS (FT) | NO. COILS | EACH COIL FIN WIDTH/ HEIGHT (IN) | | MINIMUM FACE AREA (FT²) | MINIMUM ROWS/ INCH |
| PC-1 | RAE CORP 58W | AH-1 | HEATING | 6,000 | 202,200 | 202,200 | 36 | 69 | 0.10 | 25 | 120 / 100 | 50% PG | 6 | 2 | 82 / 30 | 35 | 2 / 4 | 1.2 |
| PC-2 | RAE CORP 58W | AH-2 | HEATING | 6,600 | 211,400 | 211,400 | 36 | 69 | 0.10 | 26 | 120 / 100 | 50% PG | 6 | 2 | 82 / 30 | 35 | 2 / 4 | 1 |
| HC-3 | RAE CORP 58W | AH-3 | HEATING | 1,850 | 110,200 | 110,200 | 36 | 97 | 0.15 | 13 | 120 / 100 | 50% PG | 9 | 1 | 27 / 58.5 | 11 | 3 / 7 | 1 |
| PC-4 | RAE CORP 58W | AH-4 | HEATING | 8,100 | 257,850 | 257,850 | 36 | 69 | 0.09 | 30 | 120 / 100 | 50% PG | 3 | 2 | 110 / 30 | 46 | 2 / 4 | 1 |
| CC-1 | RAE CORP 58W | AH-1 | COOLING | 20,000 | 574,100 | 502,150 | 80 / 62 | 52 / 51 | 0.35 | 115 | 45 / 55 | WATER | 13 | 2 | 90 / 34.5 | 43 | 6 / 8 | 1.2 |
| CC-2 | RAE CORP 58W | AH-2 | COOLING | 22,000 | 648,800 | 563,750 | 80 / 62 | 52 / 51 | 0.45 | 130 | 45 / 55 | WATER | 16 | 2 | 92 / 34.5 | 44 | 6 / 9 | 1 |
| CC-3 | RAE CORP 58W | AH-3 | COOLING | 6,500 | 187,700 | 165,650 | 80 / 62 | 52 / 51 | 0.30 | 38 | 45 / 55 | WATER | 7 | 2 | 38 / 31.5 | 16 | 6 / 9 | 1 |
| CC-4 | RAE CORP 58W | AH-4 | COOLING | 27,000 | 785,000 | 686,750 | 80 / 62 | 52 / 51 | 0.44 | 157 | 45 / 55 | WATER | 10 | 2 | 114 / 34.5 | 55 | 6 / 9 | 1 |
| DC-1 | RAE CORP 58W | DUCT | REHEAT | 11,500 | 438,000 | 438,000 | 52 | 94 | 0.50 | 30 | 140 / 110 | WATER | 4.1 | 1 | 42 / 42 | 12.3 | 3 / 9 | 1.2 |
| DC-2 | RAE CORP 58W | DUCT | REHEAT | 7,000 | 270,500 | 270,500 | 52 | 95 | 0.60 | 18 | 140 / 110 | WATER | 4.1 | 1 | 36 / 30 | 7.5 | 3 / 8 | 1 |

- ALL CAPACITIES BASED ON 5800 FEET ELEVATION.
- AIR HANDLER AND ASSOCIATED COIL TO BE PART OF ALTERNATE NO. 1

| AIR HANDLER FAN SCHEDULE | | | | | | | | | | | | | | | | | | |
|--------------------------|-------------------------------|----------|--------|----------|----------------------------|-----------------------------|----------------|-----------------------|-----------------|-------------------------|-----------------------|-----------------------|----------------------|-------------------------|------------------------|-------------------|---------|------------|
| ID | MANUFACTURER AND MODEL NUMBER | LOCATION | TYPE | AIR TYPE | AIR | | | | FAN | | | | ELECTRICAL | | | | NOTES | |
| | | | | | MAXIMUM AIRFLOW RATE (CFM) | STATIC PRESSURE (IN. WATER) | NUMBER OF FANS | OUTLET VELOCITY (FPM) | FAN SPEED (RPM) | FAN WHEEL DIAMETER (IN) | STATIC EFFICIENCY (%) | TOTAL MOTOR SIZE (HP) | TOTAL MOTOR BHP (HP) | MOTOR SIZE PER FAN (HP) | MOTOR BHP PER FAN (HP) | MOTOR SPEED (RPM) | | VOLTPH/PHZ |
| SF-1 | TWIN CITY MPLQN-182C | AH-1 | NOTE 2 | SUPPLY | 20,000 | 4.0 | 4 | 815 | 2,356 | 18.25 | 67% | 30 | 18.8 | 7.5 | 4.7 | 1750 | 460/360 | 1,2,3,4,5 |
| SF-2 | TWIN CITY MPLQN-200C | AH-2 | NOTE 2 | SUPPLY | 22,000 | 4.0 | 4 | 702 | 2,080 | 20 | 68% | 30 | 20.5 | 7.5 | 5.1 | 1750 | 460/360 | 1,2,3,4 |
| SF-3 | TWIN CITY MPLQN-182C | AH-3 | NOTE 2 | SUPPLY | 6,500 | 3.0 | 2 | 529 | 1,991 | 18.25 | 68% | 7.5 | 5.6 | 3 | 2.3 | 1750 | 460/360 | 1,2,3,4 |
| SF-4 | TWIN CITY MPLQN-182C | AH-4 | NOTE 2 | SUPPLY | 27,000 | 4.0 | 6 | 733 | 2,265 | 18.25 | 68% | 30 | 25.1 | 5 | 4.2 | 1750 | 460/360 | 1,2,3,4 |
| RLF-1 | TWIN CITY MPLQN-200C | AH-1 | NOTE 2 | RELIEF | 18,000 | 0.75 | 4 | 575 | 1,264 | 20 | 55% | 7.5 | 3.9 | 1.5 | 0.9 | 1750 | 460/360 | 1,2,3,4,5 |
| RLF-2 | TWIN CITY MPLQN-200C | AH-2 | NOTE 2 | RELIEF | 19,800 | 0.75 | 4 | 632 | 1,306 | 20 | 53% | 7.5 | 4.5 | 1.5 | 1.1 | 1750 | 460/360 | 1,2,3,4 |
| RLF-3 | TWIN CITY MPLQN-182C | AH-3 | NOTE 2 | RELIEF | 5,850 | 0.75 | 2 | 477 | 1,184 | 18.25 | 62% | 3 | 1.2 | 1 | 0.6 | 1750 | 460/360 | 1,2,3,4 |
| RLF-4 | TWIN CITY MPLQN-200C | FAN ROOM | NOTE 2 | RELIEF | 21,600 | 0.75 | 6 | 480 | 1,065 | 20 | 62% | 7.5 | 4.1 | 1 | 0.7 | 1750 | 460/360 | 1,2,3,4 |

- CAPACITIES BASED ON 5800 FEET ELEVATION.
- MULTI-FAN ARRAY.
- MOTORS TO BE VFD COMPATIBLE, PREMIUM EFFICIENT MOTOR. VFD PROVIDED BY DIV. 26.
- PROVIDE INDIVIDUAL MOTOR OVERLOAD PROTECTION AND DISCONNECT SWITCH FOR EACH FAN MOTOR.
- AIR HANDLER AND ASSOCIATED FAN TO BE PART OF ALTERNATE NO. 1

| VAV BOX SCHEDULE | | | | | | | | | | | | | | | | | | |
|------------------|-------------------------------|-----------------|-------------------------------|---------------------------|-------------------------------|--------------------------------|-------------------------------|------------------------|------------------|------------------|------------------|------------------------|--------------------------|---------------|---------|------------------------------|----------------|----------------|
| ID | MANUFACTURER AND MODEL NUMBER | INLET SIZE (IN) | AIR | | | | FLUID (2) | | | | COIL | | | | REMARKS | | | |
| | | | MAXIMUM (5) PRIMARY AIR (CFM) | HEATING MAXIMUM AIR (CFM) | MINIMUM (3) PRIMARY AIR (CFM) | ENTERING AIR TEMP. DB (DEG. F) | LEAVING AIR TEMP. DB (DEG. F) | DOWN-STREAM SP (IN WG) | INLET SP (IN WG) | MAX DISCHARGE NC | HEAT LOAD (MESH) | TOTAL FLUID FLOW (GPM) | ENT. FLUID TEMP (DEG. F) | WORKING FLUID | | MAX FLUID PRESSURE DROP (FT) | MIN. COIL ROWS | PIPE SIZE (IN) |
| VR-6 | EH PRICE - SDV5 | 8 | 400 | 240 | 80 | 52 | 88.16 | 0.25 | 1.50 | 20 | 10.76 | 1.5 | 140 | H. WATER | 0.44 | 3 | 3/4 | 1,2,3,4,5,6 |
| VR-8 | EH PRICE - SDV5 | 8 | 700 | 420 | 145 | 52 | 97.82 | 0.25 | 1.50 | 20 | 18.73 | 2 | 140 | H. WATER | 0.37 | 4 | 3/4 | 1,2,3,4,5,6 |
| VR-10 | EH PRICE - SDV5 | 10 | 1100 | 660 | 230 | 52 | 96.63 | 0.25 | 1.50 | 20 | 28.65 | 2.5 | 140 | H. WATER | 0.67 | 4 | 3/4 | 1,2,3,4,5,6 |
| VR-12 | EH PRICE - SDV5 | 12 | 1600 | 960 | 325 | 52 | 95.37 | 0.25 | 1.50 | 20 | 40.49 | 3 | 140 | H. WATER | 1.12 | 4 | 3/4 | 1,2,3,4,5,6 |
| VR-14 | EH PRICE - SDV5 | 14 | 2200 | 1320 | 450 | 52 | 94.72 | 0.25 | 1.50 | 20 | 54.90 | 4 | 140 | H. WATER | 0.93 | 4 | 1 | 1,2,3,4,5,6 |
| VR-16 | EH PRICE - SDV5 | 16 | 2800 | 1680 | 580 | 52 | 92.24 | 0.25 | 1.50 | 20 | 65.80 | 4.5 | 140 | H. WATER | 0.93 | 4 | 1 | 1,2,3,4,5,6 |
| VR-20 | EH PRICE - SDV5 | 24X16 FO | 4200 | 2520 | 1260 | 52 | 93.48 | 0.25 | 1.50 | 23 | 101.72 | 6 | 140 | H. WATER | 1.80 | 4 | 1 | 1,2,3,4,5,6 |

- MAXIMUM DISCHARGE NC AT BOX DIFFERENTIAL PRESSURE BASED ON ARI STANDARD 880-89
- COIL HEATING CAPACITY BASED ON HEATING MAXIMUM AIR FLOW (60% OF MAXIMUM COOLING CFM)
- MINIMUM CFM IS LOWEST CONTROLLABLE CFM SETTING (BASED ON 400 FPM INLET VELOCITY)
- MAXIMUM STATIC PRESSURE DROP PERMISSIBLE ACROSS BOX AND COIL AT MAXIMUM COOLING CFM
- BOX COOLING MAXIMUM IS THE SUM OF DIFFUSERS CFM VALUES AS SHOWN IN THE DRAWINGS. BOX MINIMUM CFM TO BE SET AT 30% OF THIS MAXIMUM.
- BOX HEATING CFM TO BE SET AT 60% OF THIS SAME MAXIMUM. TYPICAL, UNLESS OTHERWISE NOTED.
- PRESSURE INDEPENDENT TYPE BOX.

| EXHAUST FAN SCHEDULE | | | | | | | | | | | | | | | | | | | |
|----------------------|-------------------------------|-----------------|--------|----------|----------------------------|-----------------------------|-----------------------|-----------------|-----------------------|-----------------|----------------|-------------------|------------|----------------------------|--------------|---|----------|--|-------|
| ID | MANUFACTURER AND MODEL NUMBER | LOCATION | TYPE | AIR TYPE | AIR | | | | FAN | | | | ELECTRICAL | | | | PHYSICAL | | NOTES |
| | | | | | MAXIMUM AIRFLOW RATE (CFM) | STATIC PRESSURE (IN. WATER) | OUTLET VELOCITY (FPM) | FAN SPEED (RPM) | STATIC EFFICIENCY (%) | MOTOR SIZE (HP) | MOTOR BHP (HP) | MOTOR SPEED (RPM) | VOLTPH/PHZ | LENGTH/ WIDTH/ HEIGHT (IN) | CONTROL | | | | |
| EF-1 | TWIN CITY DBT-080 | CONCESSIONS 210 | NOTE 2 | EXH | 2,950 | 0.75 | EXH | 1851 | 1452 | 31% | 1.5 | 1.09 | 1750 | 430/360 | 46 / 17 / 17 | A | 1.2 | | |
| EF-2 | TWIN CITY DBS-080 | DRESSING RM 225 | NOTE 2 | EXH | 1,150 | 0.50 | EXH | 1494 | 1154 | 32% | 1/2 | 0.28 | 1750 | 120/160 | 31 / 15 / 15 | A | 1.2 | | |
| EF-3 | TWIN CITY DBS-080 | MECHANICAL 248 | NOTE 2 | EXH | 1,100 | 0.50 | EXH | 1494 | 1154 | 32% | 1/2 | 0.28 | 1750 | 120/160 | 31 / 15 / 15 | A | 1.2 | | |
| EF-4 | TWIN CITY DBS-080 | MECHANICAL 252 | NOTE 2 | EXH | 1,450 | 0.60 | EXH | 1504 | 1083 | 34% | 1/2 | 0.40 | 1750 | 120/160 | 27 / 15 / 15 | A | 1.2 | | |
| EF-5 | TWIN CITY T-300 | CONCESSIONS 104 | NOTE 3 | EXH | 200 | 0.35 | EXH | 573 | 698 | 12% | 1/4 | 0.13 | 1750 | 120/160 | NA | A | 1.3 | | |
| EF-6 | TWIN CITY T-300 | KITCHEN 134A | NOTE 3 | EXH | 200 | 0.35 | EXH | 573 | 698 | 12% | 1/4 | 0.13 | 1750 | 120/160 | NA | D | 1.3 | | |
| EF-7 | TWIN CITY T-400 | MECH ENCLOSURE | NOTE 3 | EXH | 300 | 0.35 | EXH | 262 | 709 | 12% | 1/4 | 0.14 | 1750 | 120/160 | NA | E | 1,3,5 | | |
| EF-8 | TWIN CITY DBT-080 | MECH ENCLOSURE | NOTE 2 | EXH | 2,550 | 0.35 | EXH | 1656 | 1135 | 32% | 1 | 0.62 | 1750 | 460/360 | 46 / 17 / 17 | E | 1,2,6 | | |
| EF-9 | TWIN CITY T-1500 | DYE ROOM | NOTE 3 | EXH | 650 | 0.40 | EXH | 1471 | 688 | 23% | 1/2 | 0.25 | 1750 | 120/160 | NA | A | 1.3 | | |
| DBF-1 | ALDES DBA-4HP | WASH/DRY | NOTE 4 | EXH | 119 | 0.5 | EXH | -- | 2750 | -- | 68 W | 68 W | 2750 | 120/160 | NA | C | 1.4 | | |

- ALL CAPACITIES BASED ON 5800 FEET ELEVATION.
- INLINE EXHAUST FAN. PROVIDE GRAVITY BACKDRAFT DAMPER, INTEGRAL THERMAL OVERLOAD PROTECTION, AND DISCONNECT.
- CEILING MOUNTED INLINE EXHAUST FAN. PROVIDE GRAVITY BACKDRAFT DAMPER, INTEGRAL THERMAL OVERLOAD PROTECTION, AND DISCONNECT.
- INLINE CENTRIFUGAL BOOSTER FAN WITH PRESSURE/TIMER SWITCH
- EF-7 SHALL COME FACTORY INSTALLED AS PART OF THE MODULAR CHILLER PLANT.
- EF-8 SHALL COME FACTORY INSTALLED AS PART OF THE MODULAR CHILLER PLANT. STARTER SHALL COME WITH UNIT.

- A. CONTROL: ATC - OCCUPIED / UNOCCUPIED SCHEDULE.
- B. CONTROL: THERMOSTAT
- C. PRESSURE SWITCH ACTIVATED WITH TIMER
- D. CONTROL: WALL SWITCH
- E. CONTROL: ATC

| SPLIT SYSTEM | | | | | | | | | | | | | | | |
|--------------|-------------------------------|----------|-------------------------|-----|-------------------------|-------------------------|---------------|------------|--------------|-------------------------|---------------|------------|-------------------|--------------|-------|
| ID | MANUFACTURER AND MODEL NUMBER | LOCATION | COOLING CAPACITY (BTUH) | | HEATING CAPACITY (BTUH) | | INDOOR UNIT | | OUTDOOR UNIT | | | | REFRIGERANT LINES | | NOTES |
| | | | MAX | MIN | CFM RANGE | DIMENSIONS W' x D' x H" | WEIGHT (LBS.) | AMPS (MCA) | VOLTS/PH/PHZ | DIMENSIONS W' x D' x H" | WEIGHT (LBS.) | AMPS (MCA) | MOCP | VOLTS/PH/PHZ | |

| ID | MANUFACTURER AND MODEL NUMBER | LOCATION | SYSTEM | FLUID | | HEAD LOSS (FT) | NOTES |
|------|-------------------------------|-----------|---------|-----------------|---------------|----------------|-------|
| | | | | FLOW RATE (GPM) | WORKING FLUID | | |
| AS-1 | BELL & GOSSETT RL-6 | MECH ROOM | HEATING | 307 | WATER | 3 | 1 |
| AS-2 | BELL & GOSSETT RL-2-1/2 | MECH ROOM | PREHEAT | 51 | 50% PG | 3 | 1 |
| AS-3 | BELL & GOSSETT RL-2 | MECH ROOM | PREHEAT | 13 | 50% PG | 3 | 1 |
| AS-4 | BELL & GOSSETT RL-2 | MECH ROOM | PREHEAT | 30 | 50% PG | 3 | 1 |
| AS-5 | BELL & GOSSETT RL-8 | MECH YARD | CHILLED | 731 | WATER | 3 | 1,2,3 |

- ASME CERTIFIED
- AIR SEPARATOR IS SIZED FOR FUTURE COOLING LOAD AT RANDAL BUILDING.
- AS-5 SHALL COME FACTORY INSTALLED AS PART OF THE MODULAR CHILLER PLANT.

| ID | MANUFACTURER AND MODEL NUMBER | LOCATION | SYSTEM | TYPE | FLUID | | PHYSICAL | | | NOTES | |
|------|-------------------------------|-----------|---------|---------|---------------|-----------------------------|-----------------|---------------------|------------------|-------|------------------|
| | | | | | WORKING FLUID | MIN. TANK/ ACCEPTANCE (GAL) | TANK SIZE (GAL) | RELIEF VALVE (PSIG) | DIA/ HEIGHT (IN) | | NPT FITTING (IN) |
| ET-1 | BELL & GOSSETT B-1000 | MECH ROOM | HEATING | BLADDER | WATER | 284 / 284 | 284 | 75 | 36 / 74 | 1-1/2 | 1 |
| ET-2 | BELL & GOSSETT B-200 | MECH ROOM | PREHEAT | BLADDER | 50% PG | 53 / 53 | 53 | 75 | 24 / 40 | 1 | 1 |
| ET-3 | BELL & GOSSETT B-200 | MECH ROOM | PREHEAT | BLADDER | 50% PG | 53 / 53 | 53 | 75 | 24 / 40 | 1 | 1 |
| ET-4 | BELL & GOSSETT B-200 | MECH ROOM | PREHEAT | BLADDER | 50% PG | 53 / 53 | 53 | 75 | 24 / 40 | 1 | 1 |
| ET-5 | BELL & GOSSETT B-400 | MECH YARD | CHILLED | BLADDER | WATER | 105 / 105 | 105 | 75 | 24 / 67 | 1 | 1,2 |

- ASME CERTIFIED
- ET-5 SHALL COME FACTORY INSTALLED AS PART OF THE MODULAR CHILLER PLANT.

| ID | MANUFACTURER AND MODEL NUMBER | TYPE | LOCATION | EFFECTIVE LENGTH (FT) | TUBE SIZE (IN) | MIN. HEATING TUBE @ (L/UF) | MINIMUM TUBE VELOCITY (FT/S) | FLUID FLOW PER SECTION (GPM) | AVE TEMP (DEG. F) | MIN NUMBER OF ROWS | NOTES |
|----|-------------------------------|------|----------|-----------------------|----------------|----------------------------|------------------------------|------------------------------|-------------------|--------------------|-------|
| | | | | | | | | | | | |

- COPPER ALUMINUM ELEMENT.
- DERATED BTUH OUTPUT SHOWN IN SCHEDULE.
- HEAVY DUTY ALUMINUM CABINET ENCLOSURE TO HOUSE ELEMENT WITH PENCIL PROOF GRILLE.

| ID | MANUFACTURER AND MODEL NUMBER | AIRFLOW RATE (CFM) | LOAD (BTUH) | ENT. TEMP. (°F) | FLOW RATE (GPM) | ENTERING/ LEAVING TEMP. (°F) | WORKING FLUID | HEAD LOSS (FT) | MOTOR SIZE (HP) | VOLT/ PH/ HZ | MINIMUM NO. ROWS/ FINS PER INCH | NOTES |
|----|-------------------------------|--------------------|-------------|-----------------|-----------------|------------------------------|---------------|----------------|-----------------|--------------|---------------------------------|-------|
| | | | | | | | | | | | | |

- FULLY RECESSED WALL MOUNTED CABINET UNIT HEATER.
- UNIT TO COME WITH DISCONNECT.

| ID | MANUFACTURER AND MODEL NUMBER | LOCATION | TYPE | FLUID | | PUMP | VOLT/ PHASE/ CYCLE | NOTES |
|-------|-------------------------------|-----------------------|-------------|---------------|-----------------|------|--------------------|-------|
| | | | | WORKING FLUID | FLOW RATE (GPM) | | | |
| CTS-1 | LAKOS TBX 0145 SRV | MODULAR CHILLER PLANT | CENTRIFUGAL | WATER | 145 | 3 | 460/360 | 1,2,3 |

- UNIT TO BE PACKAGED WITH SOLID SEPARATOR, PUMP, CONTROLS, STARTER, DISCONNECT.
- UNIT TO BE PART OF THE MODULAR CHILLER PLANT, MCP-1.
- UNIT TO COME FACTORY INSTALLED AS PART OF THE MODULAR CHILLER PLANT, MCP-1. SEE MODULAR CHILLER PLANT SPECIFICATION SECTION 237443.

| ID | MANUFACTURER AND MODEL NUMBER | LOCATION | TYPE | DRAFT TYPE | FUEL TYPE | INPUT LOAD (BTUH) | OUTPUT LOAD (BTUH) | FLOW RATE (GPM) | ENTERING/ LEAVING TEMP. (°F) | WORKING FLUID | HEAD LOSS (FT) | ELECTRICAL | | PHYSICAL | | NOTES |
|-----|-------------------------------|-----------|--------|------------|-----------|-------------------|--------------------|-----------------|------------------------------|---------------|----------------|------------|------------|---------------------|----------------------------|---------|
| | | | | | | | | | | | | FLA (A) | VOLTPH/PHZ | STACK DIAMETER (IN) | LENGTH/ WIDTH/ HEIGHT (IN) | |
| B-1 | AERCO BMK 2000 | MECH ROOM | NOTE 1 | FORCED | NAT GAS | 2,500,000 | 2,325,000 | 153 | 110 / 140 | WATER | 8 | 10 | 460/360 | 8 | 70 / 28 / 79 | 1,2,3,4 |
| B-2 | AERCO BMK 2000 | MECH ROOM | NOTE 1 | FORCED | NAT GAS | 2,500,000 | 2,325,000 | 153 | 110 / 140 | WATER | 8 | 10 | 460/360 | 8 | 70 / 28 / 79 | 1,2,3,4 |

- CONDENSING HYDRONIC TYPE BOILER
- BOILERS MUST BE SHIP FULLY ASSEMBLED WITH FACTORY FIRE TESTING PROVIDED.
- HEAT EXCHANGER MUST BE 316 OR 349 STAINLESS STEEL.
- UNIT TO COME WITH ON-BOARD SEQUENCING.

| ID | MANUFACTURER AND MODEL NUMBER | LOCATION | TYPE | REFRIG. | LOAD (TONS) | DESCRIPTION | FLOW RATE (GPM) | ENTERING/ LEAVING TEMP. (°F) | WORKING FLUID | HEAD LOSS (FT) | ELECTRICAL | | PHYSICAL | | NOTES | |
|------|-------------------------------|-----------|--------|---------|-------------|-------------|-----------------|------------------------------|---------------|----------------|------------|------------|---------------|------------|---------------|-------------|
| | | | | | | | | | | | TOTAL MCA | TOTAL MOCP | NPLV (KW/TON) | VOLTPH/PHZ | | |
| CH-1 | CARRIER 23XRV 3131 | MECH YARD | NOTE 1 | R-134A | 275 | EVAPORATOR | 731 | 54 / 45 | WATER | 15.7 | 271 | 450 | 0.341 | 460/360 | 165 / 82 / 87 | 1,2,3,4,5,6 |
| | | | | | | | CONDENSER | 756 | 80 / 90 | WATER | 14.7 | | | | | |

- VARIABLE SPEED, WATER-COOLED SCREW CHILLER
- CAPACITIES BASED ON 5800 FEET ELEVATION
- UNIT TO COME WITH UNIT MOUNTED VFD AND DISCONNECT.
- MAX SOUND LEVEL TO BE 82 DBA AT FULL LOAD.
- CAPABLE OF UNLOADING TO 13% OF FULL LOAD, CAPABLE TO START AND RUN WITH 55 DEG F CONDENSER WATER.
- CH-1 SHALL COME FACTORY INSTALLED, FACTORY WIRED, ETC. AS PART OF THE MODULAR CHILLER PLANT.

| ID | MANUFACTURER AND MODEL NUMBER | LOCATION | TYPE | USAGE | LOAD (BTUH) | SOURCE MEDIUM (HYDRONIC) | | WORKING FLUID | HEAD LOSS (FT) | IN TUBE | TRANSFER MEDIUM (HYDRONIC) | | PHYSICAL | | NOTES | |
|------|-------------------------------|-----------|--------|------------|-------------|--------------------------|------------------------------|---------------|----------------|------------|----------------------------|------------------------------|---------------|----------------|--------------|---------------------|
| | | | | | | FLOW RATE (GPM) | ENTERING/ LEAVING TEMP. (°F) | | | | FLOW RATE (GPM) | ENTERING/ LEAVING TEMP. (°F) | WORKING FLUID | HEAD LOSS (FT) | | DIA/ LENGTH (IN/IN) |
| HX-1 | BELL & GOSSETT WUS-842-2 | MECH ROOM | NOTE 1 | PREHEAT | 273,500 | 37 | 140 / 125 | WATER | 2.5 | 3/8 | 30 | 100 / 120 | 50% PG | 6.0 | 6 / 42 | 1 |
| HX-2 | BELL & GOSSETT WUS-842-2 | MECH ROOM | NOTE 1 | PREHEAT | 118,500 | 16 | 140 / 125 | WATER | 1.0 | 3/8 | 13 | 100 / 120 | 50% PG | 1.0 | 6 / 42 | 1 |
| HX-3 | BELL & GOSSETT WUS-836-43 | MECH ROOM | NOTE 1 | PREHEAT | 465,000 | 63 | 140 / 125 | WATER | 6.2 | 3/8 | 51 | 100 / 120 | 50% PG | 5.5 | 8 / 36 | 1 |
| HX-4 | BELL & GOSSETT AP92 | MECH ROOM | NOTE 2 | ECONOMIZER | 3,790,000 | 756 | 55 / 65 | WATER | 15 | 220 PLATES | 731 | 88 / 57 | WATER | 15 | 28 / 55 / 79 | 2,3,4 |

- SHELL AND TUBE HEAT EXCHANGER
- GASKETED PLATE HEAT EXCHANGER
- UNIT TO BE AHRF CERTIFIED
- HX-4 SHALL COME FACTORY INSTALLED AS PART OF THE MODULAR CHILLER PLANT.

| ID | MANUFACTURER AND MODEL NUMBER | LOCATION | SYSTEM | FLOW RATE (GPM) | WORKING FLUID | HEAD LOSS (FT) | EFFICIENCY (%) | CONSTRUCTION | MOTOR | | | VOLT/PH/PHZ | NOTES |
|------|-------------------------------|-----------|-----------|-----------------|---------------|----------------|----------------|--------------|-----------|----------|-------------|-------------|-------------|
| | | | | | | | | | SIZE (HP) | BHP (HP) | SPEED (RPM) | | |
| P-1 | BELL & GOSSETT 1510 3E | MECH ROOM | HEATING | 307 | WATER | 105 | 73% | CAST IRON | 20 | 12.8 | 1750 | 460/360 | 1,2,3 |
| P-2 | BELL & GOSSETT 1510 3E | MECH ROOM | HEATING | 307 | WATER | 105 | 73% | CAST IRON | 20 | 12.8 | 1750 | 460/360 | 1,2,3 |
| P-3 | BELL & GOSSETT 1510-1-1/4 AC | MECH 008 | PREHEAT | 30 | 50% PG | 50 | 44% | CAST IRON | 2 | 0.9 | 1750 | 460/360 | 1,2 |
| P-4 | BELL & GOSSETT 1510-1-1/4 AC | MECH 008 | PREHEAT | 30 | 50% PG | 50 | 44% | CAST IRON | 2 | 0.9 | 1750 | 460/360 | 1,2 |
| P-5 | BELL & GOSSETT 1510-1-1/4 AC | MECH 248 | PREHEAT | 13 | 50% PG | 45 | 26% | CAST IRON | 1.5 | 0.6 | 1750 | 460/360 | 1,2 |
| P-6 | BELL & GOSSETT 1510-1-1/4 AC | MECH 248 | PREHEAT | 13 | 50% PG | 45 | 26% | CAST IRON | 1.5 | 0.6 | 1750 | 460/360 | 1,2 |
| P-7 | BELL & GOSSETT 1510-1-1/4 AC | MECH 252 | PREHEAT | 25 | 50% PG | 50 | 40% | CAST IRON | 2 | 0.8 | 1750 | 460/360 | 1,4 |
| P-8 | BELL & GOSSETT 1510-1-1/4 AC | MECH 252 | PREHEAT | 25 | 50% PG | 50 | 40% | CAST IRON | 2 | 0.8 | 1750 | 460/360 | 1,4 |
| P-9 | BELL & GOSSETT 1510-4GB | MECH YARD | CHILLED | 731 | WATER | 115 | 78% | CAST IRON | 40 | 27.2 | 1750 | 460/360 | 1,2,5,6,7,8 |
| P-10 | BELL & GOSSETT 1510-4GB | MECH YARD | CHILLED | 731 | WATER | 115 | 78% | CAST IRON | 40 | 27.2 | 1750 | 460/360 | 1,2,5,6,7,8 |
| P-11 | BELL & GOSSETT 1510-5BC | MECH YARD | CONDENSER | 756 | WATER | 45 | 78% | CAST IRON | 15 | 10.8 | 1750 | 460/360 | 1,2,5,7,9 |
| P-12 | BELL & GOSSETT 1510-5BC | MECH YARD | CONDENSER | 756 | WATER | 45 | 78% | CAST IRON | 15 | 10.8 | 1750 | 460/360 | 1,2,5,7,9 |

- BASE-MOUNTED, END SUCTION CENTRIFUGAL PUMP
- PUMPS ARE PRIMARY / STANDBY
- VFD BY ELEC
- PUMPS TO OPERATE AS PRIMARY / STANDBY FOR BASE BID. PUMPS TO OPERATE IN PARALLEL FOR ALTERNATE NO. 1
- PUMP IS SIZED FOR FUTURE COOLING LOAD AT RANDAL BUILDING.
- VFD TO BE PART OF MODULAR CHILLER PLANT/ENCLOSURE
- SHALL COME FACTORY INSTALLED, FACTORY WIRED, ETC. AS PART OF THE MODULAR CHILLER PLANT.
- SHALL COME WITH VFD AND DISCONNECT.
- SHALL COME WITH STARTER AND DISCONNECT.

| ID | MANUFACTURER AND MODEL NUMBER | LOCATION | TYPE | USE TYPE | AIRFLOW RATE (CFM) | LOAD (BTUH) | ENTERING TEMP. (°F) | LEAVING TEMP. (°F) | FLOW RATE (GPM) | ENTERING/ LEAVING TEMP. (°F) | WORKING FLUID | HEAD LOSS (FT) | MOTOR SIZE (HP) | MOTOR SPEED (RPM) | VOLT/PH/PHZ | LENGTH / WIDTH / HEIGHT (IN) | NOTES |
|-------|-------------------------------|--------------------|--------|----------|--------------------|-------------|---------------------|--------------------|-----------------|------------------------------|---------------|----------------|-----------------|-------------------|-------------|------------------------------|-------|
| | | | | | | | | | | | | | | | | | |
| UH-2 | RITTLING H-16 | MECH 007 | NOTE 1 | HEATING | 460 | 11,800 | 60 | 90 | 1.5 | 140 / 125 | WATER | 0.5 | 1/20 | 1750 | 120/160 | 19 / 13 / 20 | 1 |
| UH-3 | RITTLING H-16 | MECH 248 | NOTE 1 | HEATING | 460 | 11,800 | 60 | 90 | 1.5 | 140 / 125 | WATER | 0.5 | 1/20 | 1750 | 120/160 | 19 / 13 / 20 | 1 |
| UH-4 | RITTLING H-32 | MECH 252 | NOTE 1 | HEATING | 725 | 18,270 | 60 | 90 | 2.0 | 140 / 120 | WATER | 0.5 | 1/12 | 1750 | 120/160 | 22 / 18 / 16 | 1 |
| UH-5 | RITTLING H-96 | STUDIO THEATRE 180 | NOTE 1 | HEATING | 2,025 | 55,800 | 60 | 90 | 6.0 | 140 / 120 | WATER | 0.5 | 1/6 | 1750 | 120/160 | 32 / 20 / 25 | 1,2 |
| UH-6 | RITTLING H-96 | STUDIO THEATRE 180 | NOTE 1 | HEATING | 2,025 | 55,800 | 60 | 90 | 6.0 | 140 / 120 | WATER | 0.5 | 1/6 | 1750 | 120/160 | 32 / 20 / 25 | 1,2 |
| UH-7 | RITTLING H-136 | LOBBY 172 | NOTE 1 | HEATING | 2,470 | 78,600 | 60 | 94 | 8.0 | 140 / 120 | WATER | 1.5 | 1/4 | 1750 | 120/160 | 37 / 21 / 31 | 1,2 |
| UH-8 | RITTLING H-16 | DRESSING RM 177 | NOTE 1 | HEATING | 460 | 11,800 | 60 | 90 | 1.5 | 140 / 125 | WATER | 0.5 | 1/20 | 1750 | 120/160 | 19 / 13 / 20 | 1,2 |
| UH-9 | RITTLING H-32 | ACTOR QUEUEING 178 | NOTE 1 | HEATING | 725 | 18,270 | 60 | 90 | 2.0 | 140 / 120 | WATER | 0.5 | 1/12 | 1750 | 120/160 | 22 / 18 / 16 | 1,2 |
| UH-10 | RITTLING H-32 | STUDIO SUPPORT 249 | NOTE 1 | HEATING | 725 | 18,270 | 60 | 90 | 2.0 | 140 / 120 | WATER | 0.5 | 1/12 | 1750 | 120/160 | 22 / 18 / 16 | 1,2 |
| UH-11 | RITTLING H-234 | MECH ENCLOSURE | NOTE 1 | HEATING | 4,600 | 138,500 | 60 | 92 | 14.0 | 140 / 120 | WATER | 4.0 | 1/3 | 1750 | 120/160 | 46 / 24 / 31 | 1,3,4 |

- HORIZONTAL MOUNTED HOT WATER UNIT HEATER
- UNIT HEATER TO BE PART OF BASE BID ONLY. DO NOT INCLUDE UNIT OR BRANCH PIPING FOR ALTERNATE NO. 1.
- UNIT HEATER TO COME FACTORY INSTALLED AS PART OF THE MODULAR CHILLER PLANT, MCP-1. SEE MODULAR CHILLER PLANT SPECIFICATION SECTION 237443.
- UNIT TO COME WITH DISCONNECT.

| ID | MANUFACTURER AND MODEL NUMBER | LOCATION | TYPE | FAN AIRFLOW (CFM) | AMBIENT TEMP. (°F) | CAPACITY (TONS) | FLOW RATE (GPM) | ENTERING/ LEAVING TEMP. (°F) | WORKING FLUID | INLET/ OUTLET HEAD LOSS (FT) | ELECTRICAL FAN | | | PHYSICAL | | NOTES | |
|------|-------------------------------|-----------|--------|-------------------|--------------------|-----------------|-----------------|------------------------------|---------------|------------------------------|----------------|-----------------|-------------------|-------------------|-----------------------|---------------|-------|
| | | | | | | | | | | | MOTOR QUAN. | MOTOR SIZE (HP) | MOTOR SPEED (RPM) | TOWER WEIGHT (LB) | OPERATING WEIGHT (LB) | | |
| CT-1 | EVAPCO LPT-829 | MECH YARD | NOTE 1 | 41,610 | 65 | 252 | 756 | 90 / 80 | WATER | 4.2 | 1 | 15 | 1750 | 460/360 | 8,500 | 182 / 94 / 84 | 1,2,3 |

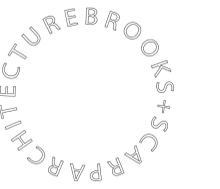
- COUNTERFLOW BLOW THROUGH COOLING TOWER WITH CENTRIFUGAL FANS
- ACCESSORIES INCLUDE:
ALUMINUM LADDER
ELECTRIC HEATER (20% AMBIENT) - (1) 9 KW
CONTACTOR W/ TRANSFORMER AND DISCONNECT FOR HEATER PACKAGE
FAN MOTOR - INVERTOR DUTY, PREMIUM EFFICIENT, VFD TO COME WITH UNIT
VIBRATION SWITCH
3-PROBE ELECTRONIC WATER LEVEL CONTROL PACKAGE (SEPARATE 120/160)
3-TOWER SHALL NOT INCLUDE THE SOUND ATTENUATION PACKAGE ON THE INLET AND OUTLET.

| ID | MANUFACTURER AND MODEL NUMBER | LOCATION | COMPONENTS | | | | | | | | | | ELECTRICAL | | PHYSICAL | | NOTES |
|-------|-------------------------------|--------------|----------------------|---------------------|-----------------|--------------------------------------|------------------------------|-----------------------------|-------------|-----------------------|-------------------------|-------------|-------------------------|---------|-----------------|------------------------------------|-------|
| | | | WATER COOLED CHILLER | CHILLED WATER PUMPS | CONDENSER PUMPS | WATER-SIDE ECONOMIZER HEAT EXCHANGER | CHILLED WATER EXPANSION TANK | CHILLED WATER AIR SEPARATOR | EXHAUST FAN | EMERGENCY EXHAUST FAN | COOLING TOWER SEPARATOR | UNIT HEATER | SINGLE POINT CONNECTION | AMP | VOLTPH/PHZ | CABINET LENGTH/ WIDTH/ HEIGHT (IN) | |
| MCP-1 | UNITECH FACTORY BUILT | UTILITY YARD | CH-1 | P-9, P-10 | P-11, P-12 | HX-4 | ET-5 | AS-5 | EF-7 | EF-8 | CTS-1 | UH-11 | 370 | 460/360 | 251 / 288 / 120 | 1 | |

- ALL EQUIPMENT LISTED SHALL BE INCLUDED WITH THE MODULAR CHILLER PLANT. ALL EQUIPMENT, PUMPS, CHILLER, HEAT EXCHANGER, EXPANSION TANK, AIR SEPARATOR, EXHAUST FANS, UNIT HEATER, LIGHTS, PIPING, ALL WRINGS, WATER TREATMENT, COOLING TOWER SOLID SEPARATOR, ATC PANEL, ETC. SHALL BE PROVIDED AND FACTORY-INSTALLED BY ONE MANUFACTURER. SEE SPECIFICATION SECTION 237443 - MODULAR CHILLER PLANT.



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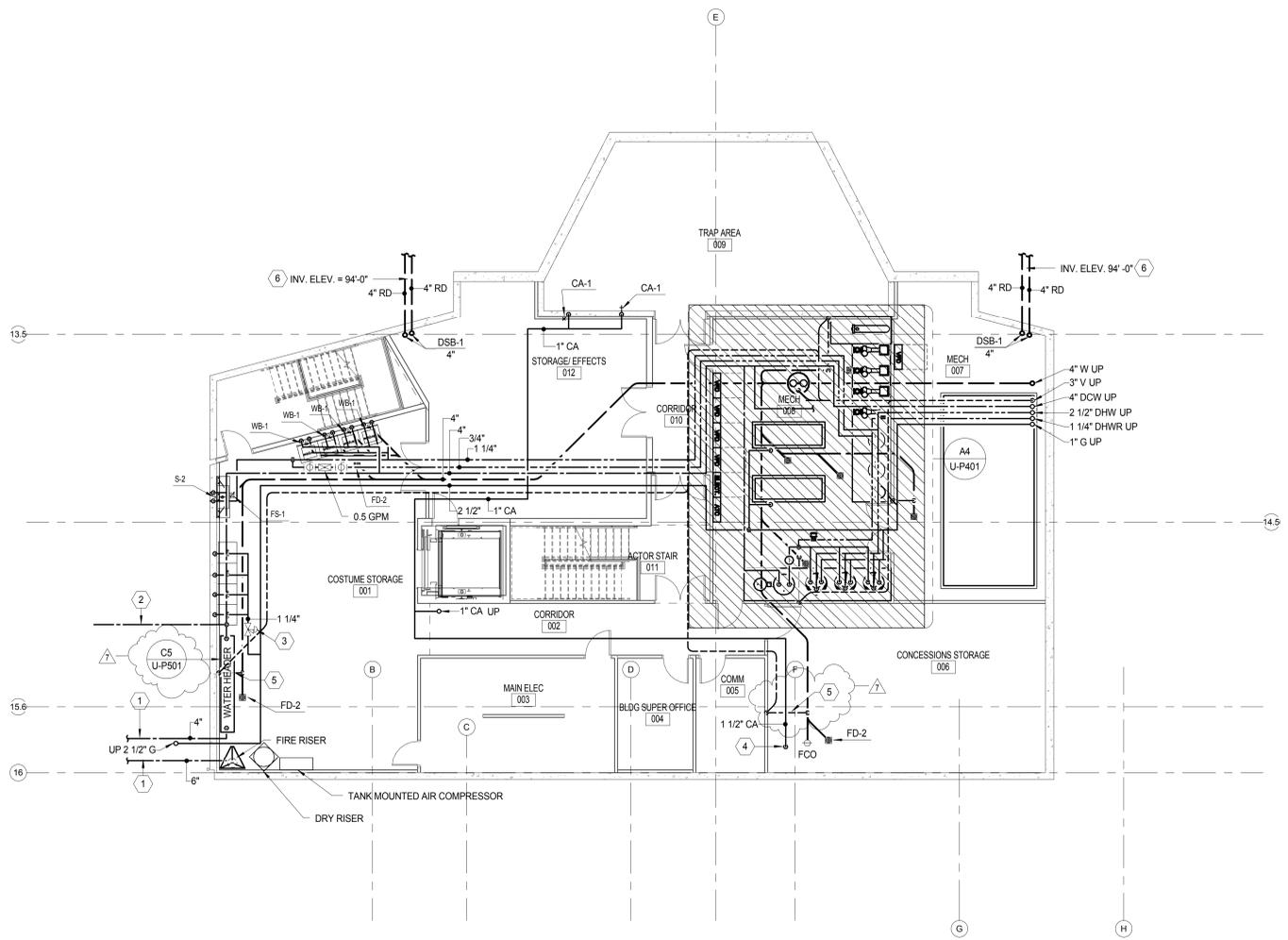
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Basement Plumbing Plan **A5**
1/8" = 1'-0"

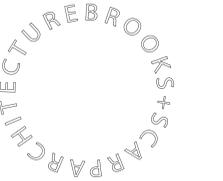
SHEET KEYNOTES

- 1 SEE CIVIL PLAN FOR SITE UTILITY CONTINUATION.
- 2 2" COLD WATER LINE BELOW GRADE TO COOLING TOWER CT-1.
- 3 PROVIDE AND INSTALL 2 LBS. TO 4 OZ. PRESSURE REGULATOR WITH VENT LIMITING DEVICE. (REGULATOR NOT SHOWN) PROVIDE SHUT OFF VALVE AND UNION.
- 4 COMPRESSED AIR PIPING TO AIR COMPRESSOR. AIR COMPRESSOR PROVIDED BY OWNER.
- 5 VENT PIPING BELOW GRADE.
- 6 CONNECT TO GUTTER DOWNSPOUT ABOVE. ROUTE RD PIPE BELOW GRADE TO ELEVATION SHOWN. ROUTE PIPE HORIZONTALLY FOR 5 FEET. CIVIL TO CONNECT PIPE TO STORM DRAIN SYSTEM. COORDINATE GUTTER DOWNSPOUT SIZE WITH ARCHITECT.

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Revisions

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| Addendum 03 | 06/10/14 |
| Addendum 04 | 06/17/14 |
| Addendum 05 | 06/20/14 |
| Addendum 06 | 06/25/14 |
| Addendum 07 | 07/08/14 |

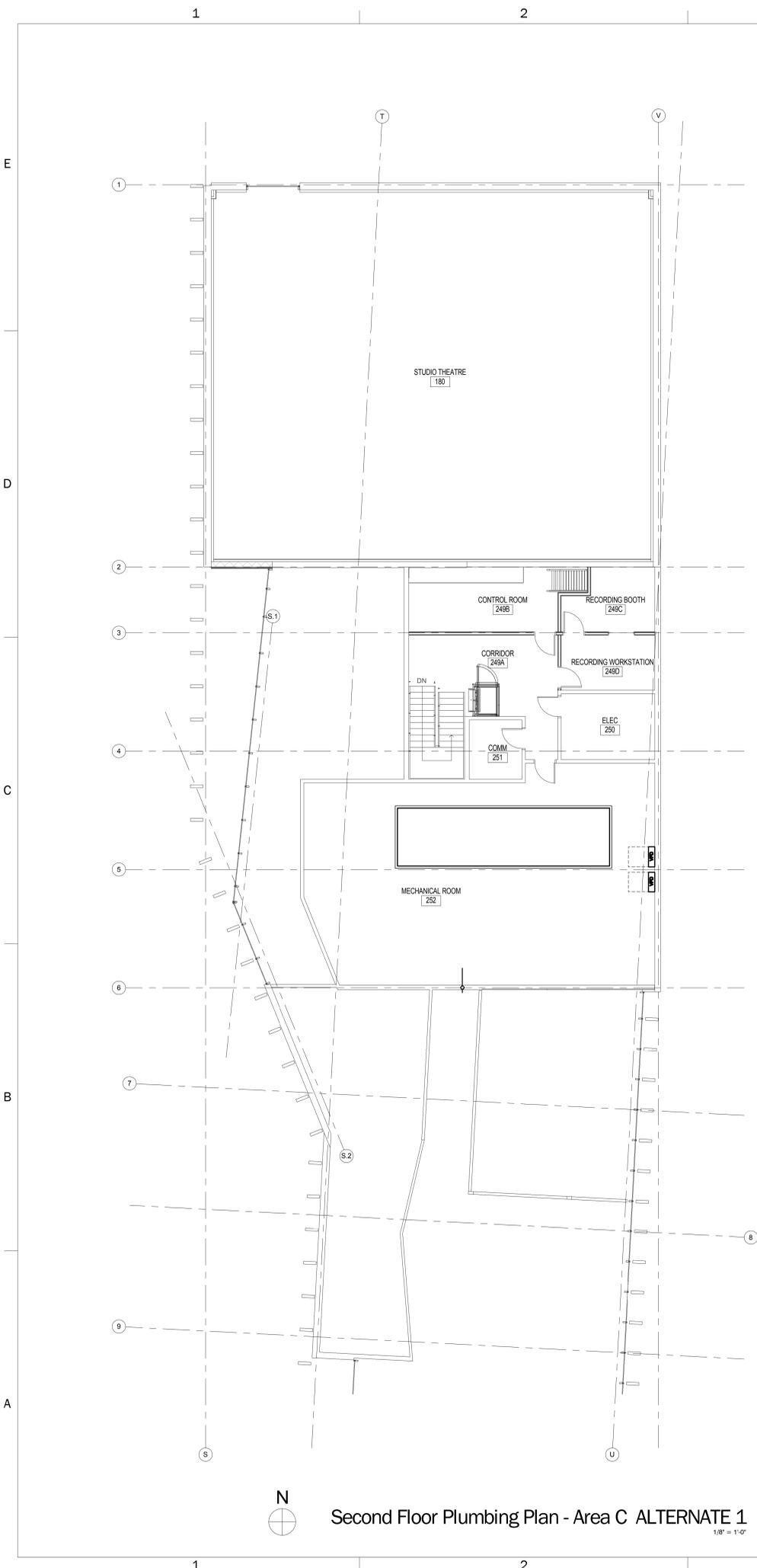
date: 28 May 2014

DFCM project no: 12218730

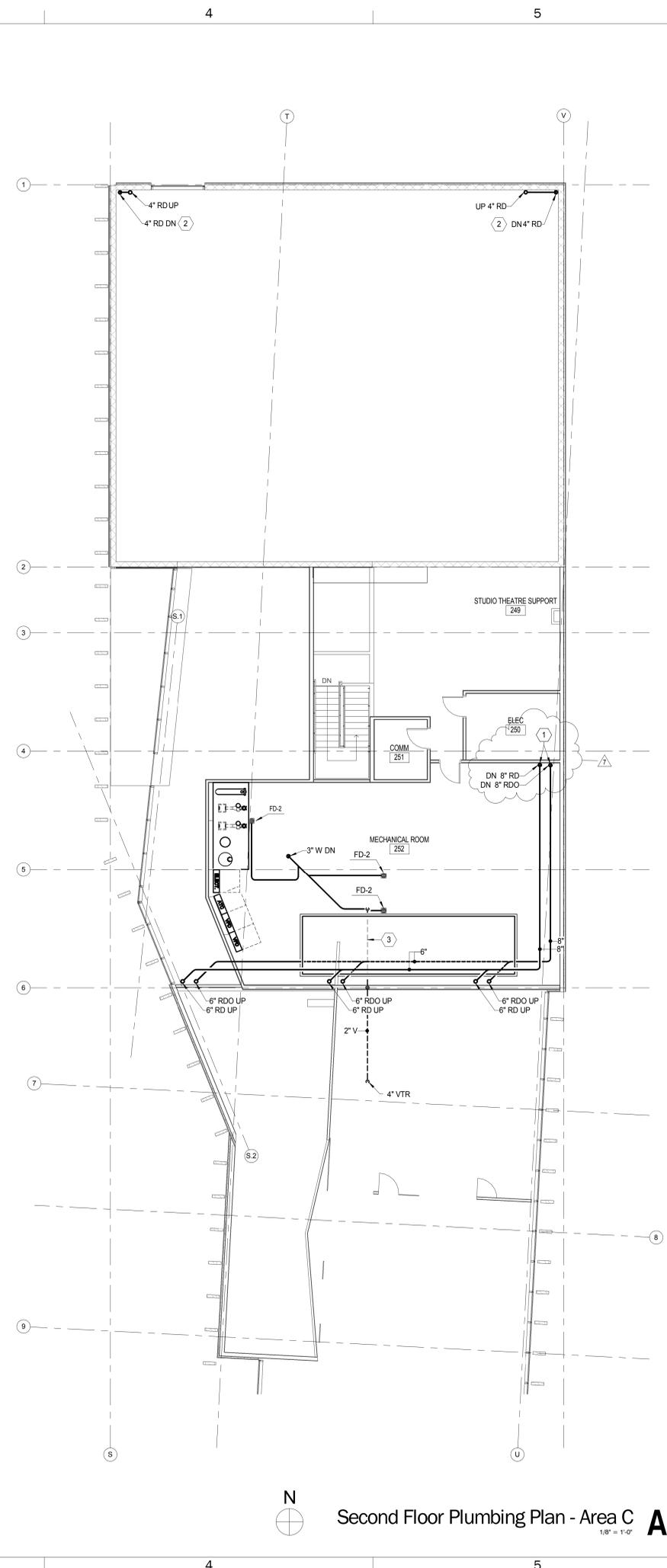
Bid Documents

Southern Utah University
Beverly Taylor Sorenson
Center for the Arts
Utah Shakespeare Festival Facility
Cedar City, Utah

Basement
Plumbing Plan
U-P100



Second Floor Plumbing Plan - Area C ALTERNATE 1 **A3**
1/8" = 1'-0"



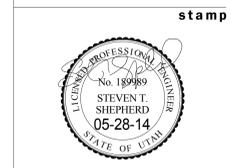
Second Floor Plumbing Plan - Area C **A5**
1/8" = 1'-0"

- SHEET KEYNOTES**
- 1 DROP ROOF DRAIN TIGHTLY AGAINST WALL IN CORNER. COORDINATE ROOF DRAIN PIPING WITH DUCTWORK.
 - 2 ROOF DRAIN VERTICAL PIPE TO DROP TIGHTLY IN CORNER THROUGH ARCHITECTURAL SHAFT. COORDINATE EXACT SHAFT LOCATION WITH ARCHITECT.
 - 3 VENT PIPING BELOW FLOOR.

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 Cedar City, Utah

Second Floor
 Plumbing Plan -
 Area C
U-P102C

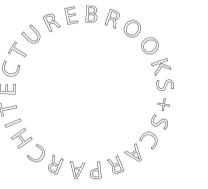
SHEET KEYNOTES

- 1 WATER HAMMER ARRESTOR. SEE SPECIFICATION.
- 2 DCW AND DHW DRAWN IN LOCATIONS SHOWN FOR CLARITY. ACTUAL INSTALLED LOCATION SHALL BE IN PLUMBING CHASE. PIPING TO BE INSTALLED HIGH IN PLUMBING CHASE, TO ALLOW ACCESS INTO CHASE, TYPICAL.
- 3 PIPING TO BE INSTALLED HIGH IN PLUMBING CHASE, TO ALLOW ACCESS INTO CHASE, TYPICAL.
- 4 EXTEND AND CONNECT VENT PIPING IN WOMEN'S RESTROOM 170.
- 5 EXTEND AND CONNECT DCW, DHW, AND DHWR LINES TO EXISTING CAAPPED WATER PIPES IN CORRIDOR.
- 6 PROVIDE AND INSTALL 2 LBS. TO 4 OZ. PRESSURE REGULATOR WITH VENT LIMITING DEVICE. (REGULATOR NOT SHOWN) PROVIDE SHUT OFF VALVE AND UNION.
- 7 HOSE BIB LOCATED BELOW LAVATORY. COORDINATE EXACT MOUNTING HEIGHT WITH ARCHITECT.
- 8 VENT PIPING BELOW GRADE.
- 9 OVERSIZE WATER HEATER INTAKE AIR AND EXHAUST FLUE PIPES TO 4" DIAMETER. ROUTE INTAKE AIR AND EXHAUST FLUE PIPING ALONG SAME ROUT AS BOILER INTAKE AND EXHAUST DUCTS. TERMINATE WATER HEATER INTAKE AIR PIPES THROUGH ROOF NEAR BOILER INTAKE AIR PIPES. TERMINATE WATER HEATER EXHAUST FLUE PIPES THROUGH ROOF NEAR BOILER EXHAUST FLUE DUCTS. TYPICAL.
- 10 3/4" COLD WATER LINE FOR SODA DISPENSER. ROUGH-IN PROVIDE SHUT OFF VALVE AND CAP. SEE ARCHITECTURAL PLANS.
- 11 1" DCW MAKE UP LINE TO AIR SEPARATOR AS-1. SEE MECHANICAL SHEET U-M401.
- 12 RAISE 1" DCW PIPE AND 3/4" DHW PIPE FROM BELOW COUNTER UP THROUGH WALL AND INTO CEILING SPACE.
- 13 RAISE 1 1/2" DCW LINE FROM BELOW GRADE AND ROUTE BENEATH COUNTER.
- 14 SEE ARCHITECTURAL DRAWINGS FOR CONCESSIONS EQUIPMENT LAYOUT AND PLUMBING REQUIREMENTS.

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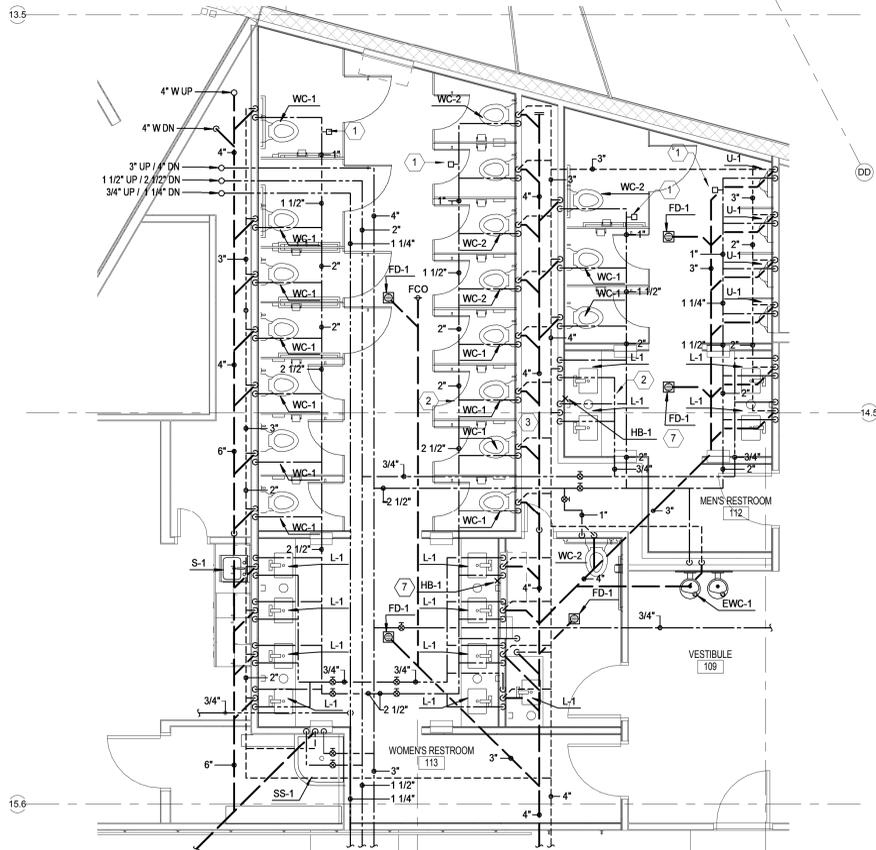
Revisions

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| Addendum 03 | 06/10/14 |
| Addendum 04 | 06/17/14 |
| Addendum 05 | 06/20/14 |
| Addendum 06 | 06/25/14 |
| Addendum 07 | 07/08/14 |

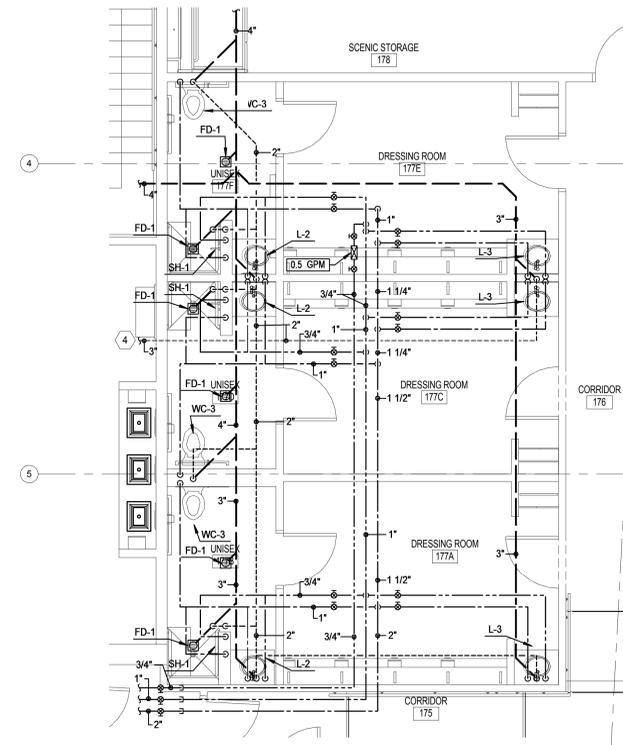
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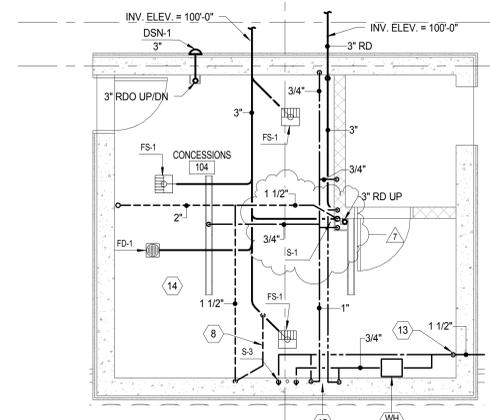
Large Scale Plumbing Plans
U-P401



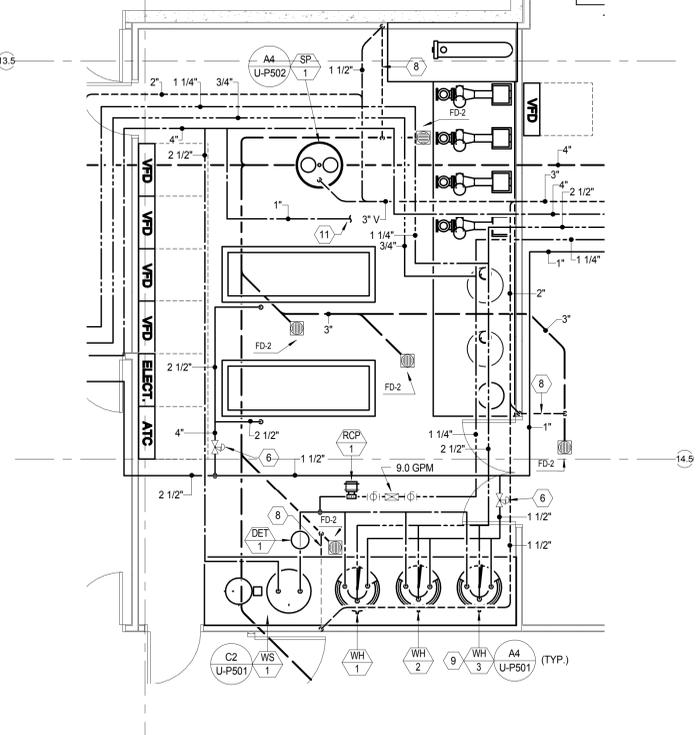
Large Scale Restroom 112/113 Plumbing Plan - Area A **C2**
1/4" = 1'-0"



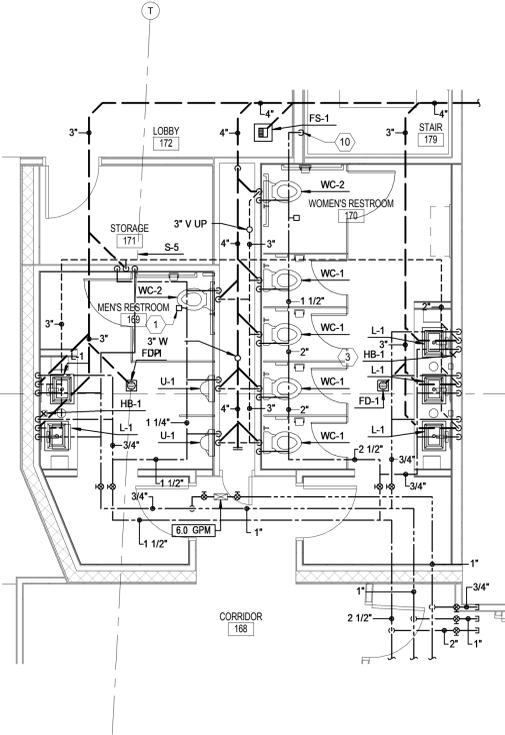
Large Scale Dressing Room 177A/177B/177C Plumbing Plan - Area C ALTERNATE 1 **C5**
1/4" = 1'-0"



Large Scale Concessions 104 Plumbing Plan - Area A **A2**
1/4" = 1'-0"



Large Scale Mechanical Room Plumbing Plan **A4**
1/4" = 1'-0"



Large Scale Restroom 169/170 Plumbing Plan - Area C **A6**
1/4" = 1'-0"

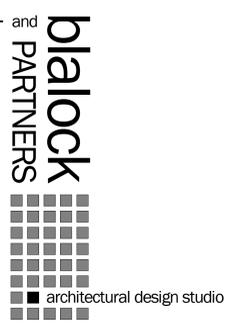


GENERAL SHEET NOTES

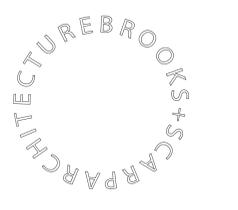
1. SITE UTILITIES SHOWN FOR DIAGRAMMATIC PURPOSES ONLY. REFER TO CIVIL SITE/UTILITY PLAN FOR EXACT REQUIREMENTS RELATED TO CONDUIT SIZES, TRENCH PATHS/DEPTHS, UTILITY VAULTS/CABINETS, UTILITY CONTACT INFORMATION, ETC.

SHEET KEYNOTES

- 1 NEW UNDERGROUND TRENCH AND DUCT BANK. EXISTING OVERHEAD POWER TO BE REMOVED.
- 2 NEW (2") CONDUIT TO THE TELECOMMUNICATIONS ROOM IN THE SUMA BUILDING AND SHAKESPEARE BUILDING AS SHOWN.
- 3 INDICATES LIGHT FIXTURES FOR SCULPTURE ILLUMINATION.
- 4 MOUNTED IN SIDE WALLS.
- 5 EMERGENCY CONTACT PEDESTAL. PROVIDE SUU CAMPUS STANDARD (RED IN COLOR WITH WHITE LETTERING AND BLUE STROBE LIGHT) TALK-A-PHONE: #ETP-MT-R-OP3, PHONE MODEL: #ETP-400V (HAS ABILITY TO RECORD MESSAGES AND HAVE TWO WAY COMMUNICATION), CAMERA MODEL: #VGBR-400S (SILENT WITNESS COLOR CAMERA), CONTACT ADI 3759 WEST 2340 SOUTH #E WEST VALLEY CITY, UTAH 84120. (801)972-8787. WWW.TALKAPHONE.COM
PROVIDE INTERFACE #NV 214 A-M BY NETWORK VIDEO TECHNOLOGY. NVT PHONE: 800-969-9870. OVERALL DIMENSIONS 12"W x 10"D x 108"H. REFER TO C002U-EX692 FOR CONCRETE BASE REQUIREMENT. SEE MANUFACTURER SUBMITTAL FOR BOLT PATTERN. CONTRACTOR SHALL PROVIDE SUBMITTAL FOR FINAL APPROVAL IN SHOP DRAWING PHASE OF CONSTRUCTION.
- 6 SUMA EXTERIOR SERVICE DISCONNECT. REFER TO SUMA POWER PLAN FOR EXACT LOCATION.
- 7 REFER TO LANDSCAPE DRAWINGS FOR EXACT LOCATION OF TREES. EXACT LOCATION OF LIGHT FIXTURES TO BE COORDINATED WITH OWNER, ELECTRICAL CONTRACTOR AND LANDSCAPE CONTRACTOR PRIOR TO LANDSCAPING.
- 8 PROVIDE (1) 3/4" CONDUIT TO SHAKESPEARE TELECOMM ROOM IN BASEMENT. PROVIDE 4 PAIR, CAT 5 CONDUCTOR. PROVIDE TERMINATIONS AND TESTING PER MANUFACTURER'S DIRECTION FOR A COMPLETE INSTALLATION.
- 9 ALUMNI HOUSE FIBER FEED VIA NEW PULL BOX. CONTINUING NORTH UNDER UNIVERSITY TO ALUMNI HOUSE ENTRY POINT.
- 10 CONTRACTOR OPTION FOR ALUMNI HOUSE. FEED IS TO BORE UNDER ASPHALT THEN CONTINUE AS INDICATED.
- 11 CONTRACTOR TO PROVIDE TEMPORARY CONNECTION TO BIRCHMANN UNTIL PERMANENT FIBER CONNECTION IS IN PLACE. THIS MAY BE PROTECTED AT-GRADE CONDUIT.
- 12 PROVIDE SPARE 4" CONDUIT FROM UTILITY ENCLOSURE TO SUMA ELECTRICAL ROOM. PROVIDE PULL ROPE AND CAP BOTH ENDS. COORDINATE STUB LOCATION IN ENCLOSURE WITH OWNER PRIOR TO ROUGH-IN.
- 13 OH POWER FROM NEW STEEL POLE TO EXISTING WOOD POLE.
- 14 NEW FIBER PULL BOX AND NEW FIBER IN EXISTING CONDUIT TO BUILDING AT NORTH SIDE OF CAMPUS.
- 15 BURIED POWER IS NO LONGER ALLOWED UNDER UNIVERSITY BLDG AT THIS LOCATION. BURIED POWER CONTINUES FROM THE NEW STEEL POLE TO THE SOUTH AS CURRENTLY DESIGNED.
- 16 NEW UNDERGROUND FEED FOR UTILITY CABLE SERVICE.
- 17 CONFIRM LOCATION OF EXISTING O.H. POWER. NEW STEEL POLE IS IN LINE WITH THE O.H. PATH.



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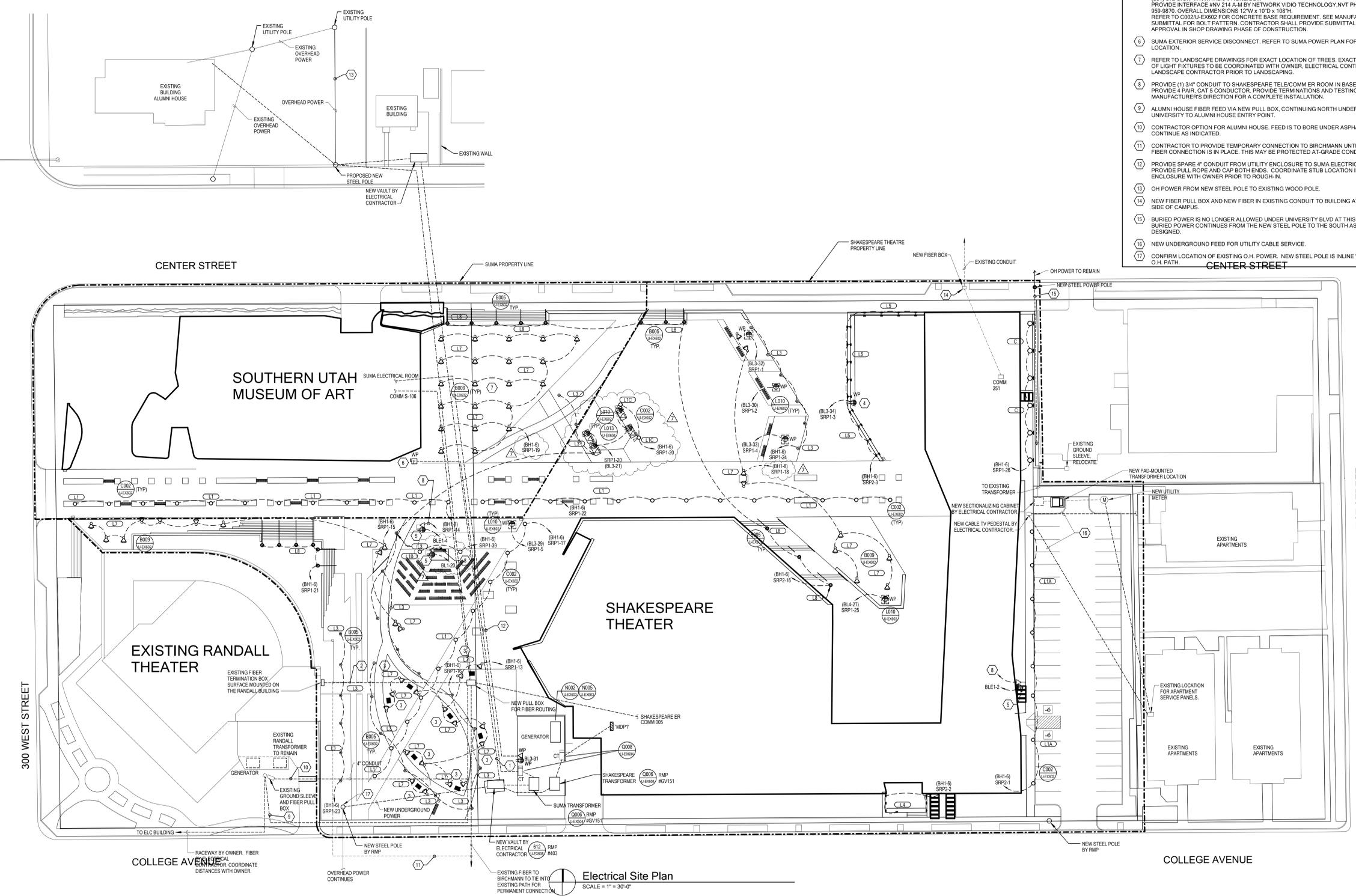
Revisions

| Addendum # | Revisions |
|--------------|------------|
| Addendum #03 | 06/10/2014 |
| Addendum #04 | 06/17/2014 |
| Addendum #05 | 06/20/2014 |
| Addendum #06 | 06/25/2014 |
| Addendum #07 | 07/08/2014 |

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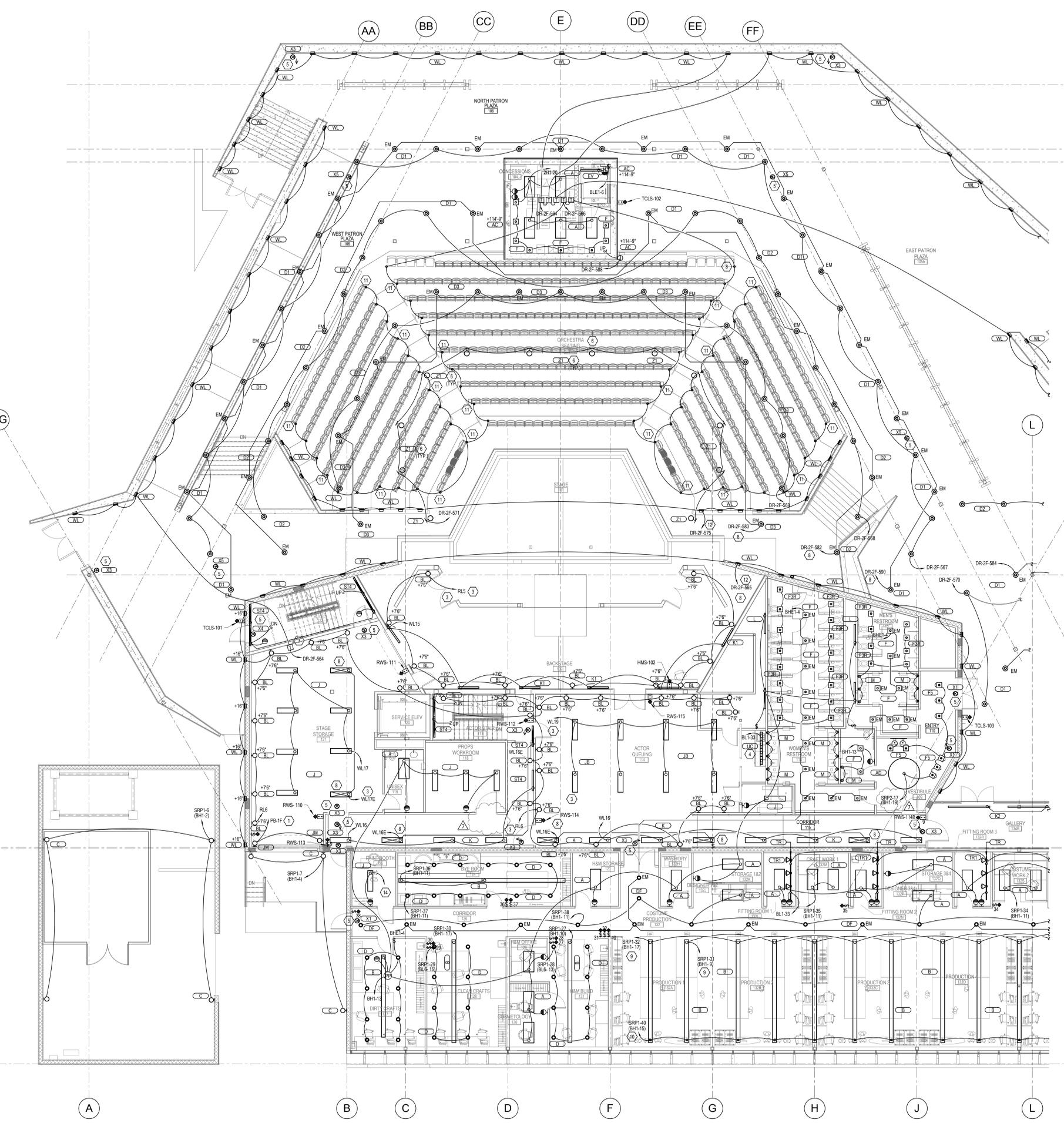
Electrical Site Plan
U-ES001



Electrical Site Plan
SCALE = 1" = 30'-0"

1 2 3 4 5 6

E
D
C
B
A



- GENERAL SHEET NOTES**
1. REMOTE WORKLIGHT SWITCHES (RWS AND TOUR/CLEANING LIGHT STATIONS (TCLS) MOUNT AT STANDARD SWITCH HEIGHT.
 2. HOUSE LIGHT MASTER STATIONS (HMS) MOUNT 54" ABOVE FINISHED FLOOR.
- SHEET KEYNOTES**
- 1 INDICATES LOW VOLTAGE LIGHT SWITCH FOR TRANSFORMER/CHILLER ENCLOSURE. PROVIDE LABEL ON SWITCHPLATE "SWITCH FOR UTILITY YARD LIGHTS".
 - 2 TRANSFORMER FOR WL STEP LIGHTS AND SEAT LIGHTING LOCATED IN CEILING OF CONCESSIONS.
 - 3 SEE THEATRICAL LIGHTING SHEETS FOR CIRCUITING AND SCHEDULING DETAILS.
 - 4 MOUNT UNDERCABINET LIGHT TO THE FACE OF THE CABINET. LOCATE THE REMOTE DRIVER ON THE TOP OF THE CABINET SECURELY.
 - 5 CIRCUIT EXIT SIGN TO THE EMERGENCY CIRCUIT BHE1-7.
 - 6 MOUNT LIGHT FIXTURE Z1 TO THE FACE OF BALCONY SEATING. REFER TO ARCHITECTURAL SECTION.
 - 7 SEE LIGHTING PLAN FOR ELECTRICAL REQUIREMENTS FOR THE ELEVATOR PIT.
 - 8 EMERGENCY FIXTURES TO BE RUN THROUGH ELTS-1F FOR EGRESS LIGHTING. SEE THEATRICAL LIGHTING SHEETS FOR CIRCUITING AND SCHEDULING DETAILS.
 - 9 CIRCUIT TO LAMP 2 & 3 IN FIXTURE TYPE "B".
 - 10 CIRCUIT TO LAMP 1 IN FIXTURE TYPE "B".
 - 11 INDICATES AISLE LIGHT FIXTURE IN THEATRE SEAT. PROVIDED BY THE SEAT SUPPLIER. PROVIDE A FLEX CONDUIT STUB-UP TO EACH LOCATION. COORDINATION FOR EXACT LOCATION MUST BE PROVIDED BY THE CONTRACTOR. THE ELECTRICAL CONTRACTOR SHALL PROVIDE LOW VOLTAGE CONDUCTOR, TRANSFORMER, AND ALL TERMINATIONS FOR A COMPLETE AND WORKING SYSTEM.
 - 12 TRANSFORMERS FOR WL STEP LIGHTS LOCATED IN BASEMENT MECHANICAL 008.
 - 13 TRANSFORMERS FOR WL STEP LIGHTS LOCATED IN BASEMENT STAGE STORAGE 121.
 - 14 TO PAINT BOOTH EXHAUST SYSTEM CONTROL PANEL. SEE NOTE 19 ON SHEET EP101A.

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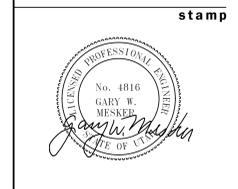
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First Floor - Area A Lighting Plan
SCALE = 1/8" = 1'-0"

1 2 3 4 5 6

First Floor - Area A
Lighting Plan
U-EL101A

1

2

3

4

5

6

SHEET KEYNOTES

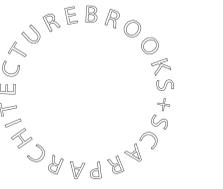
- 1 CIRCUIT TO LAMP #1 IN FIXTURE TYPE "B".
- 2 CIRCUIT EXIT SIGN TO THE EMERGENCY CIRCUIT 2HE1-6.
- 3 NOT USED.
- 4 LOW VOLTAGE LIGHTING SWITCH FOR LIGHT FIXTURES IN UPPER CEILING. SEE SHEET U-EL102B.
- 5 LOW VOLTAGE LIGHT SWITCH FOR LIGHT FIXTURES SHOWN ON SHEET U-EL102B.
- 6 MOUNT UNDERCABINET LIGHT TO THE FACE OF THE CABINET. LOCATE THE REMOTE DRIVER ON THE TOP OF THE CABINET SECURELY.
- 7 TRANSFORMERS FOR WL STEP LIGHTS LOCATED IN BASEMENT OF MECHANICAL 008.

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| Addendum #07 | 07/08/2014 |

date: 28 May 2014

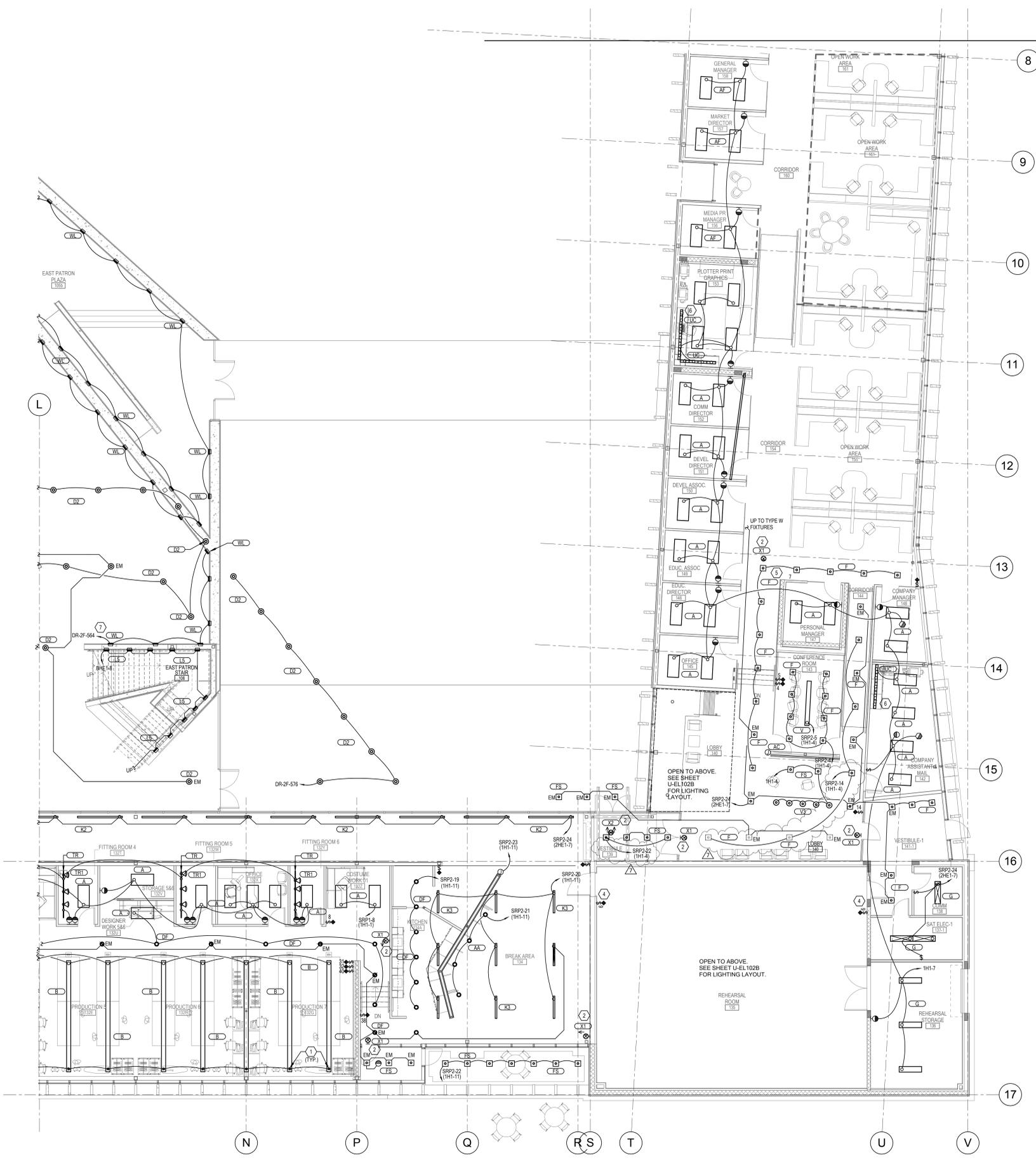
DFCM project no: 12218730

Bid Documents

Southern Utah University
Beverly Taylor Sorenson
Center for the Arts
Utah Shakespeare Festival Facility
Cedar City, Utah

First Floor - Area B
Lighting Plan

U-EL101B



First Floor - Area B Lighting Plan
SCALE = 1/8" = 1'-0"

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GENERAL SHEET NOTES

- 1. REMOVE WORKLIGHT SWITCHES (RWS AND TOUR/CLEANING LIGHT STATIONS (TCLS) MOUNT AT STANDARD SWITCH HEIGHT.
- 2. HOUSE LIGHT MASTER STATIONS (HMS) MOUNT 54" ABOVE FINISHED FLOOR.
- 3. FIXTURES "JF-1" AND "JF-2" MOUNT 7'-6" ABOVE FINISHED FLOOR.

SHEET KEYNOTES

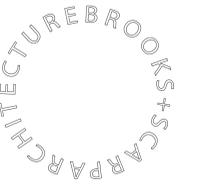
- ① REFER TO ENLARGED DIAGRAM ON THIS SHEET FOR PLACEMENT OF LIGHT FIXTURES.
- ② SEE THEATRICAL LIGHTING SHEETS FOR CIRCUITING AND SCHEDULING DETAILS.
- ③ EXISTING LIGHT FIXTURES FROM BASE BID PHASE.
- ④ CIRCUIT EXIT SIGN TO ZH1-6.
- ⑤ PROVIDE A GTD TRANSFER BALLAST.
- ⑥ NOT USED
- ⑦ TIED TO CONTROLLED OUTLETS AT DRESSING STATIONS.
- ⑧ EMERGENCY FIXTURES TO BE RUN THROUGH ELTS-1F FOR EGRESS LIGHTING. SEE THEATRICAL LIGHTING SHEETS FOR CIRCUITING AND SCHEDULING DETAILS.

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stamp



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Revisions

| | |
|--------------|------------|
| Addendum #03 | 06/10/2014 |
| Addendum #04 | 06/17/2014 |
| Addendum #05 | 06/20/2014 |
| Addendum #06 | 06/25/2014 |
| Addendum #07 | 07/08/2014 |

date: 28 May 2014

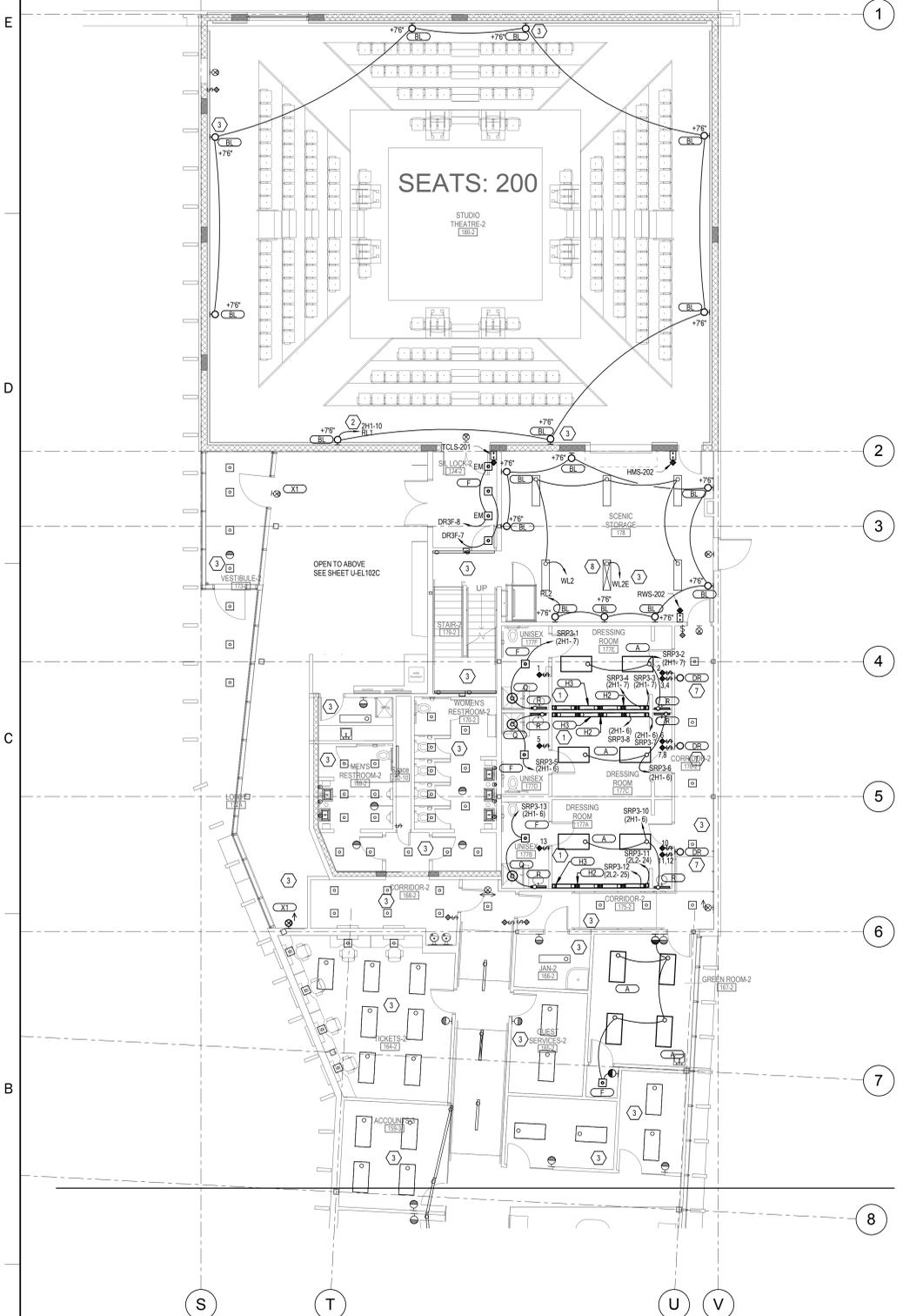
DFCM project no: 12218730

Bid Documents

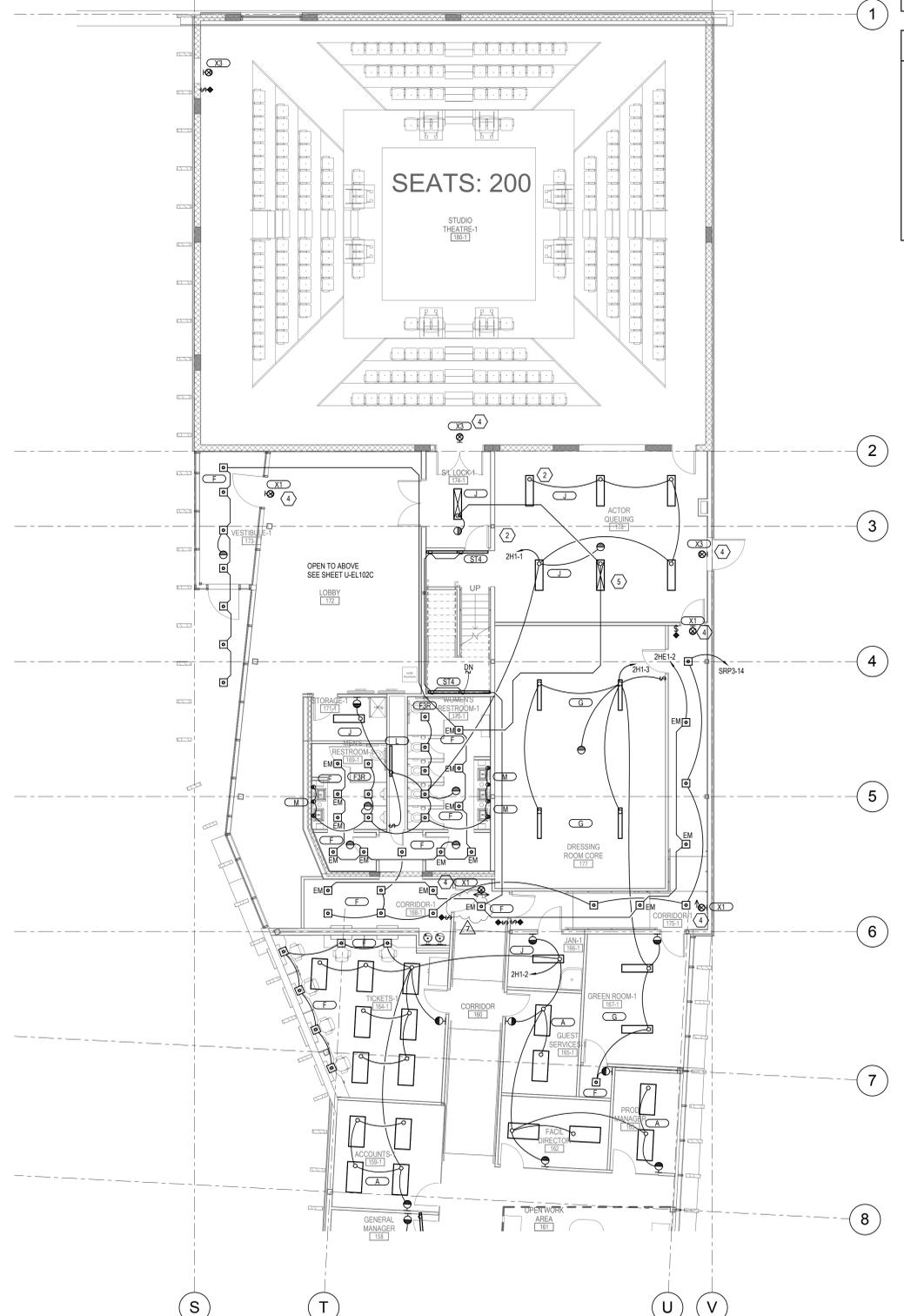
Southern Utah University
**Beverley Taylor Sorenson
Center for the Arts**
Utah Shakespeare Festival Facility
Cedar City, Utah

First Floor - Area C
Lighting Plan

U-EL101C



First Floor - Area C Alternate 1 Lighting Plan
SCALE = 1/8" = 1'-0"



First Floor - Area C Lighting Plan
SCALE = 1/8" = 1'-0"

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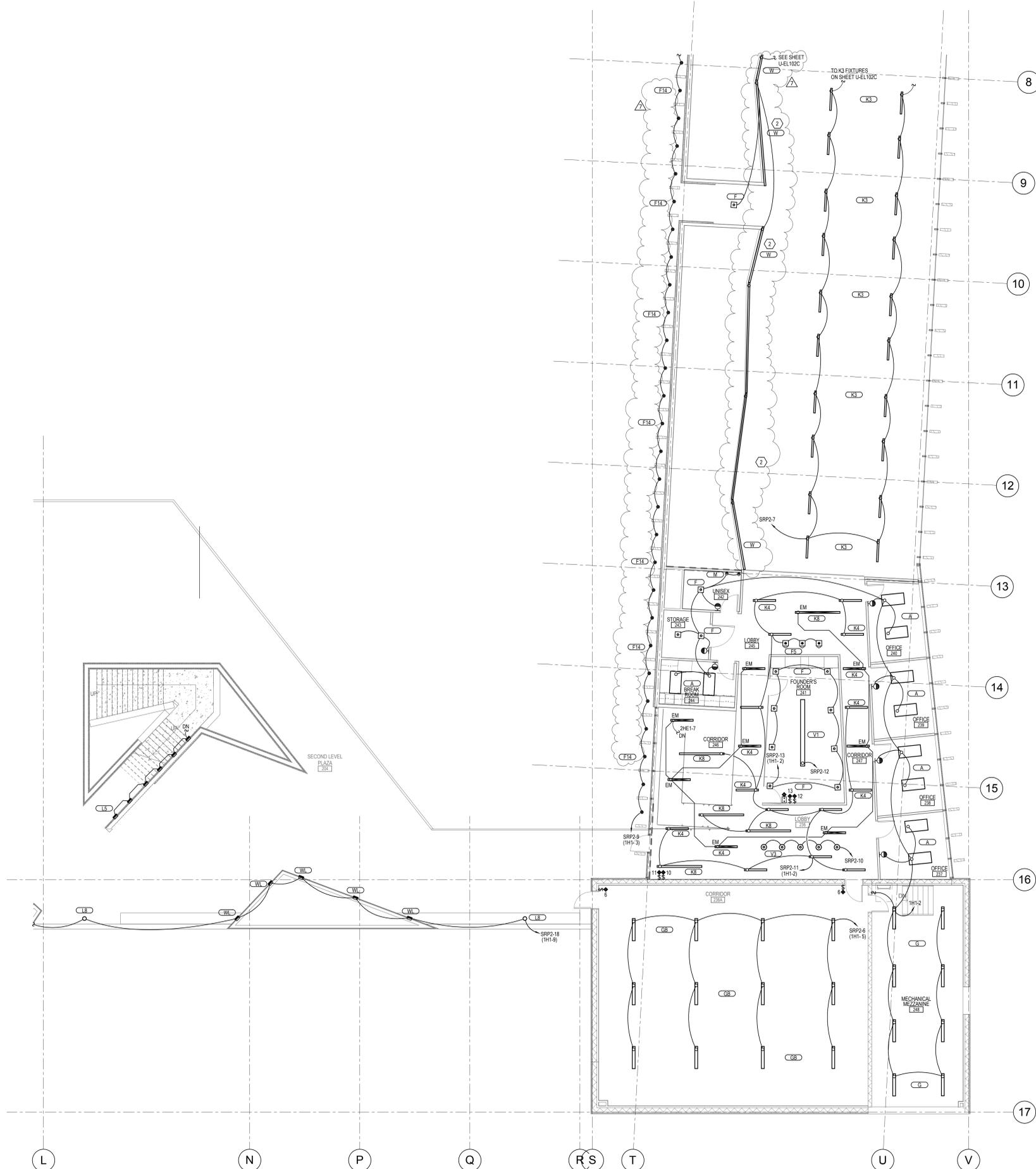
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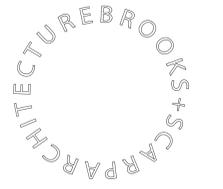
A



| SHEET KEYNOTES | |
|----------------|--|
| ① | CIRCUIT EXIT SIGN TO THE EMERGENCY CIRCUIT 2HE1-6. |
| ② | LIGHT FIXTURE TYPE W SHALL BE MOUNTED IN ARCHITECTURAL CORE. |

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Revisions

| Addendum # | Revisions |
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| Addendum #03 | 06/10/2014 |
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| Addendum #06 | 06/25/2014 |
| Addendum #07 | 07/08/2014 |

date: 28 May 2014
DFCM project no: 12218730
Bid Documents

Southern Utah University
Beverly Taylor Sorenson Center for the Arts
Utah Shakespeare Festival Facility
Cedar City, Utah

Second Floor -
Area B Lighting
Plan

U-EL102B

Second Floor - Area B Lighting Plan
SCALE = 1/8" = 1'-0"

GENERAL SHEET NOTES

1. EACH DIMMED AND RELAY CIRCUIT SHALL HAVE A SEPARATE HOT AND NEUTRAL WIRE OF EQUAL SIZE.

SHEET KEYNOTES

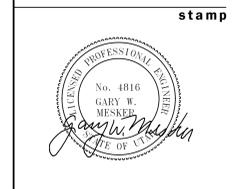
① MINIMUM WIRE SIZE FOR 20A CIRCUITS SHALL BE #10 AWG.
 ② OUTLET DEVICE OD-154, (12) 20A CIRCUITS DR-1F-484-495, (1) 20A CIRCUIT RP-1F-504.
 ③ NOT USED.
 ④ SEE ENLARGED PLAN ON SHEET U-EP100 FOR POWER REQUIREMENTS.
 ⑤ SEE LIGHTING PLAN FOR ELECTRICAL REQUIREMENTS IN ELEVATOR PIT.
 ⑥ PROVIDE TWIST-LOCK RECEPTACLE.
 ⑦ COORDINATE LOCATION OF SUMP CONTROL PANEL WITH INSTALLER PRIOR TO ROUGH-IN.

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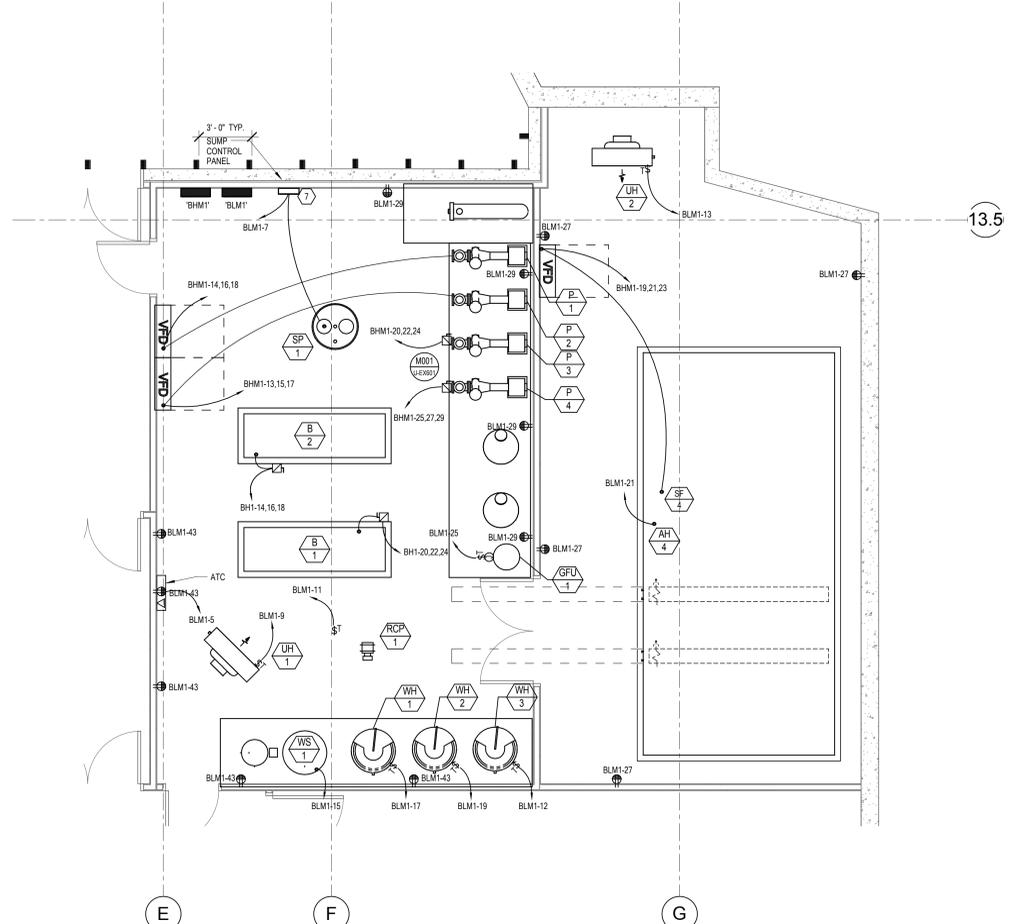
Revisions

| | |
|--------------|------------|
| Addendum #04 | 06/17/2014 |
| Addendum #05 | 06/20/2014 |
| Addendum #06 | 06/25/2014 |
| Addendum #07 | 07/08/2014 |

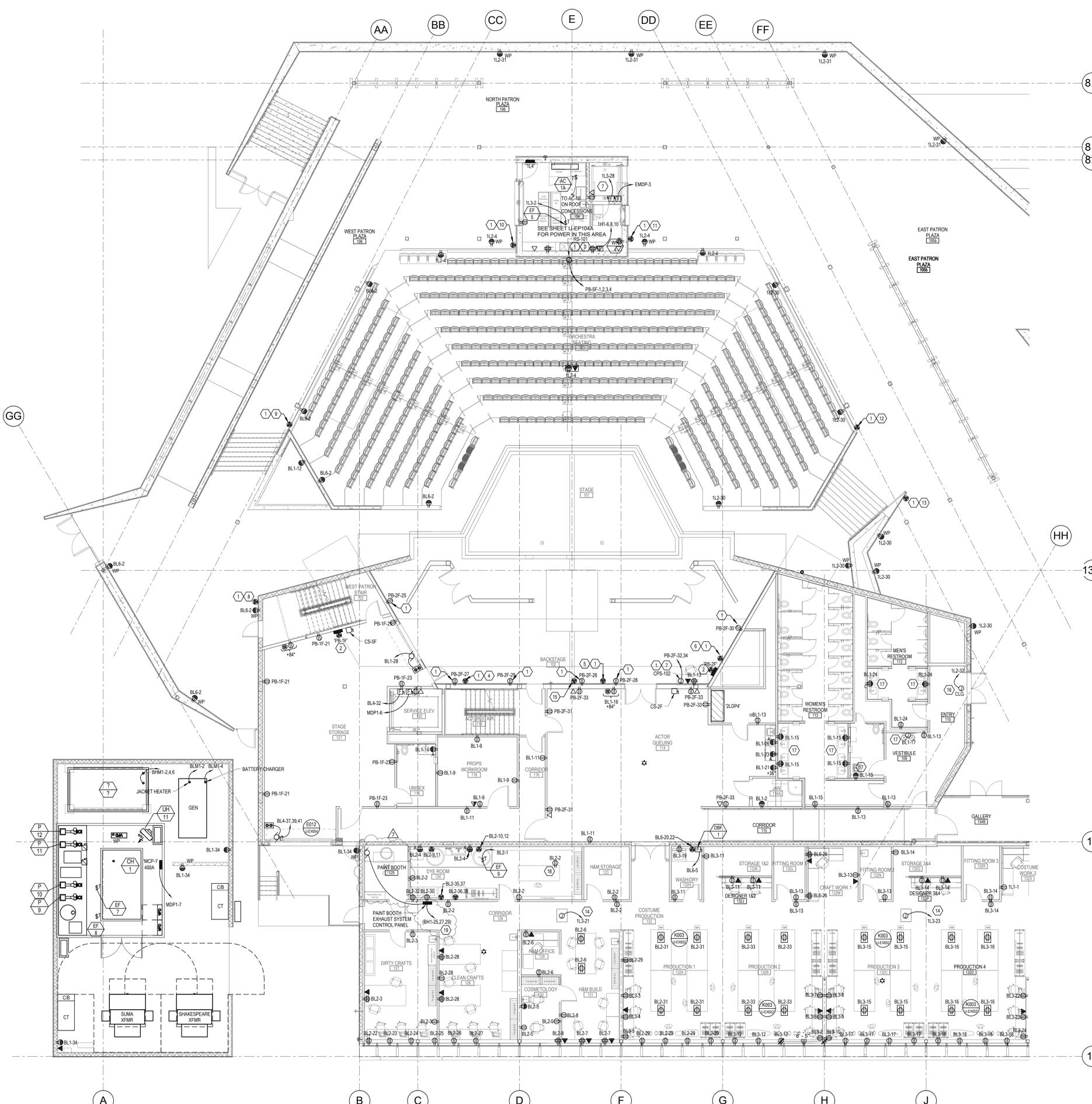
date: 28 May 2014
 DFCM project no: 12218730
 Bid Documents

Southern Utah University
Beverley Taylor Sorenson
Center for the Arts
 Utah Shakespeare Festival Facility
 Cedar City, Utah

Basement Power Plan
U-EP100



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GENERAL SHEET NOTES

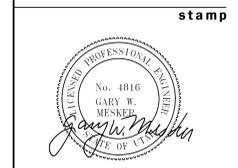
1. EACH DIMMED AND RELAY CIRCUIT SHALL HAVE A SEPARATE HOT AND NEUTRAL WIRE OF EQUAL SIZE.

- SHEET KEYNOTES**
- (1) MINIMUM WIRE SIZE FOR 20A CIRCUITS SHALL BE #10 AWG.
 - (2) PROVIDE (20) CIRCUITS TO OUTLET DEVICE TYPE 'SP' MOUNTED BELOW PANEL. SEE DIAGRAM 6/E11.132 FOR OUTLET DEVICE INFORMATION.
 - (3) REHEARSAL STATION (RS); CIRCUIT RECEPTACLE TO PB-5F-1-4; ONE CIRCUIT PER DUPLEX RECEPTACLE; (4) CIRCUITS TOTAL.
 - (4) OUTLET DEVICE OD-151; (12) 20A CIRCUITS DR-1F/442-453; (1) 20A CIRCUIT RP-1F/525; (1) 20A CIRCUIT DR-2F/WL10.
 - (5) OUTLET DEVICE OD-152; (18) 20A CIRCUITS DR-1F/474-471; (1) 20A CIRCUIT RP-1F/526; (1) 20A CIRCUIT DR-2F/WL10.
 - (6) OUTLET DEVICE OD-153; (12) 20A CIRCUITS DR-1F/472-483; (1) 20A CIRCUIT RP-1F/527; (1) 20A CIRCUIT DR-2F/WL10.
 - (7) CONSOLE PLUG-IN STATION (CPS); CIRCUIT RECEPTACLE TO PB-2F; ONE CIRCUIT PER RECEPTACLE; (2) CIRCUITS TOTAL.
 - (8) OUTLET DEVICE OD-158; (1) 20A CIRCUIT DR-1F/499.
 - (9) OUTLET DEVICE OD-159; (1) 20A CIRCUIT DR-1F/500.
 - (10) OUTLET DEVICE OD-160; (1) 20A CIRCUIT DR-1F/501.
 - (11) OUTLET DEVICE OD-161; (1) 20A CIRCUIT DR-1F/502.
 - (12) OUTLET DEVICE OD-162; (1) 20A CIRCUIT DR-1F/503.
 - (13) OUTLET DEVICE OD-163; (1) 20A CIRCUIT DR-1F/504.
 - (14) 120 VOLT CIRCUIT FOR VAV UNITS.
 - (15) INDICATES POWER FOR A SHIP STAGE 30A, 208V, 1P.
 - (16) PROVIDE POWER TO ADA DOORS. COORDINATE REQUIREMENTS WITH SHOP DRAWINGS.
 - (17) COORDINATE EXACT LOCATION OF PLUMBING FIXTURES PRIOR TO JUNCTION BOX ROUGH-IN.
 - (18) PROVIDE (1) DEDICATED CIRCUIT PER DUPLEX RECEPTACLE FOR EACH DRESSING ROOM STATION AS SHOWN, WHERE APPLICABLE. CONTRACTOR MAY USE (1) FOURPLEX RECEPTACLE IN LIEU OF (2) DUPLEX RECEPTACLES CENTERED BETWEEN DRESSING ROOM STATIONS. PROVIDE (2) DEDICATED CIRCUITS PER FOURPLEX RECEPTACLE.
 - (19) PROVIDE POWER TO PAINT BOOTH EXHAUST SYSTEM CONTROL PANEL. PANEL INSTALLED AND ALL WIRING TO PAINT BOOTH EQUIPMENT BY PAINT BOOTH EQUIPMENT INSTALLER. ELECTRICIAN PROVIDES AND TERMINATES POWER TO PANEL.

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Revisions

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| Addendum #03 | 06/10/2014 |
| Addendum #04 | 06/17/2014 |
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| Addendum #06 | 06/25/2014 |
| Addendum #07 | 07/08/2014 |

date: 28 May 2014
DFCM project no: 12218730
Bid Documents

Southern Utah University
Beverly Taylor Sorenson
Center for the Arts
Utah Shakespeare Festival Facility
Cedar City, Utah

First Floor - Area A Power Plan
SCALE = 1/8" = 1'-0"

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| SHEET KEYNOTES | |
|----------------|---|
| 1 | 120 VOLT CIRCUIT FOR VAV UNITS. |
| 2 | PROVIDE POWER TO ADA DOORS. COORDINATE ALL REQUIREMENTS WITH SHOP DRAWINGS PRIOR TO ROUGH-IN. |

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First Floor - Area B Power Plan
SCALE = 1/8" = 1'-0"

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ARCHITECTURE BROOKS + SCARPA
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PROFESSIONAL ENGINEER
No. 4816
GARY W. MENKEL
STATE OF UTAH

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| Revisions | |
|--------------|------------|
| Addendum #04 | 06/17/2014 |
| Addendum #05 | 06/20/2014 |
| Addendum #06 | 06/25/2014 |
| Addendum #07 | 07/08/2014 |

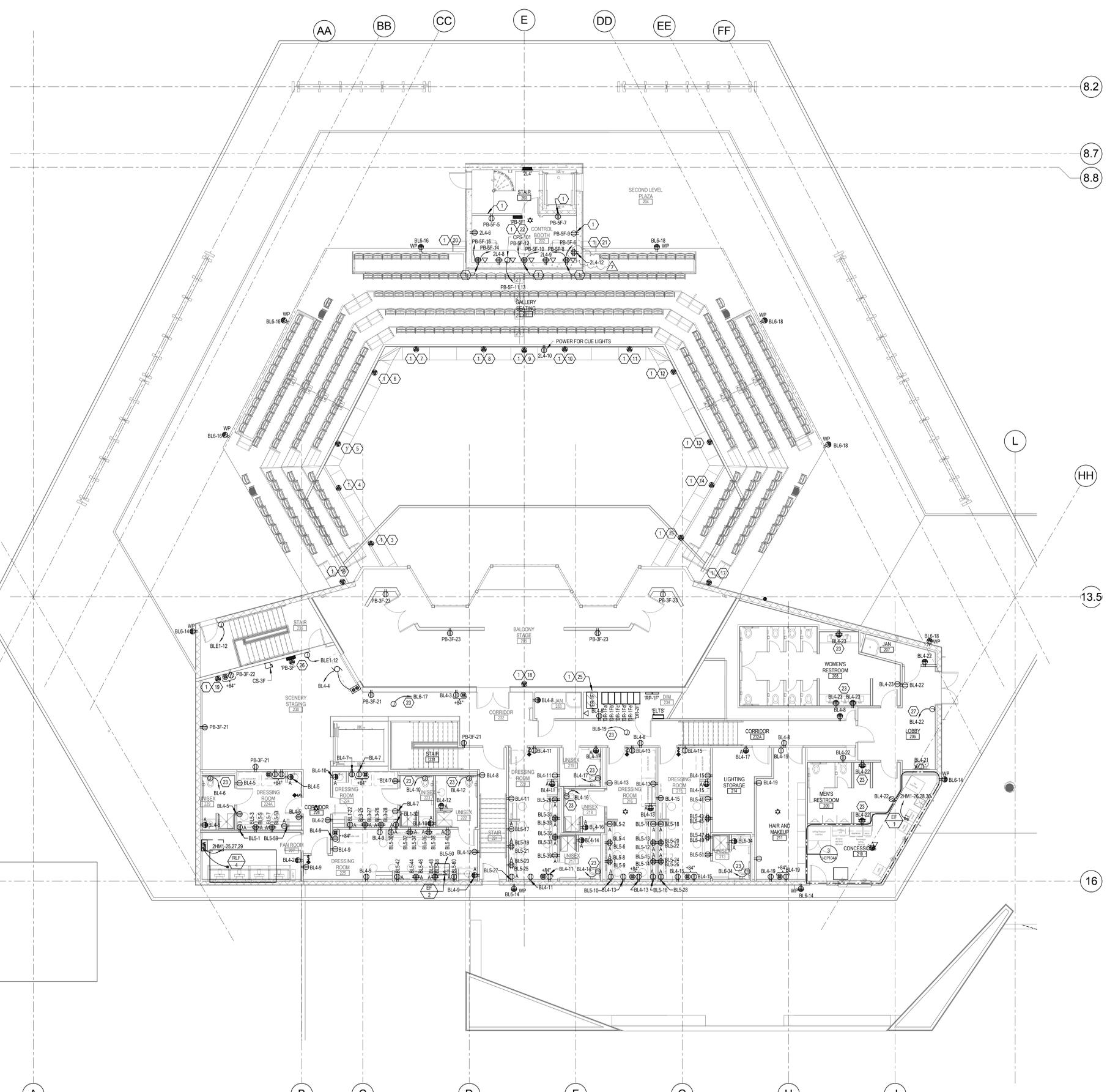
date: 28 May 2014
DFCM project no: 12218730
Bid Documents

Southern Utah University
Beverly Taylor Sorenson
Center for the Arts
Utah Shakespeare Festival Facility
Cedar City, Utah

First Floor - Area B
Power Plan
U-EP101B

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GENERAL SHEET NOTES

1. EACH DIMMED AND RELAY CIRCUIT SHALL HAVE A SEPARATE HOT AND NEUTRAL WIRE OF EQUAL SIZE.

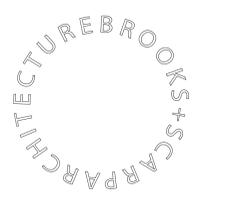
SHEET KEYNOTES

- 1 MINIMUM WIRE SIZE FOR 20A CIRCUITS SHALL BE #10 AWG.
- 2 NOT USED.
- 3 OUTLET DEVICE OD-121. (3) 20A CIRCUITS DR-1F/223-225.
- 4 OUTLET DEVICE OD-122. (3) 20A CIRCUITS DR-1F/226-228. (1) 20A CIRCUIT RP-1F/513.
- 5 OUTLET DEVICE OD-123. (3) 20A CIRCUITS DR-1F/229-231.
- 6 OUTLET DEVICE OD-124. (3) 20A CIRCUITS DR-1F/232-234.
- 7 OUTLET DEVICE OD-125. (3) 20A CIRCUITS DR-1F/235-237. (1) 20A CIRCUIT RP-1F/514.
- 8 OUTLET DEVICE OD-126. (3) 20A CIRCUITS DR-1F/238-240.
- 9 OUTLET DEVICE OD-127. (3) 20A CIRCUITS DR-1F/241-243. (1) 20A CIRCUIT RP-1F/515.
- 10 OUTLET DEVICE OD-128. (3) 20A CIRCUITS DR-1F/244-246.
- 11 OUTLET DEVICE OD-129. (3) 20A CIRCUITS DR-1F/247-249. (1) 20A CIRCUIT RP-1F/516.
- 12 OUTLET DEVICE OD-130. (3) 20A CIRCUITS DR-1F/250-252.
- 13 OUTLET DEVICE OD-131. (3) 20A CIRCUITS DR-1F/253-255.
- 14 OUTLET DEVICE OD-132. (3) 20A CIRCUITS DR-1F/256-258. (1) 20A CIRCUIT RP-1F/517.
- 15 OUTLET DEVICE OD-133. (3) 20A CIRCUITS DR-1F/259-261.
- 16 OUTLET DEVICE OD-119. (3) 20A CIRCUITS DR-1F/217-219. (1) 20A CIRCUIT RP-1F/511.
- 17 OUTLET DEVICE OD-120. (3) 20A CIRCUITS DR-1F/220-222. (1) 20A CIRCUIT RP-1F/512.
- 18 OUTLET DEVICE OD-150. (6) 20A CIRCUITS DR-1F/436-441. (1) 20A CIRCUIT RP-1F/524.
- 19 OUTLET DEVICE OD-155. (1) 20A CIRCUIT DR-1F/496.
- 20 OUTLET DEVICE OD-156. (1) 20A CIRCUIT DR-1F/497.
- 21 OUTLET DEVICE OD-157. (1) 20A CIRCUIT DR-1F/498.
- 22 CONSOLE PLUG-IN STATION (CPS). CIRCUIT RECEPTACLE TO PB-5F. ONE CIRCUIT PER DUPLEX. (2) CIRCUITS TOTAL.
- 23 120 VOLT CIRCUIT FOR VAV UNITS.
- 24 COORDINATE EXACT LOCATION OF PLUMBING FIXTURES PRIOR TO JUNCTION BOX ROUGH-IN.
- 25 NOT USED.
- 26 EQUIPMENT RACK. 20A, 208Y/120V, 3P, 5-WIRE FEED FROM PB-3F-24.26.28.
- 27 PROVIDE (20) CIRCUITS TO OUTLET DEVICE TYPE 'S' MOUNTED BELOW PANEL. SEE DIAGRAM 6/E.TL132 FOR OUTLET DEVICE INFORMATION.
- 28 PROVIDE POWER TO ADA DOORS. COORDINATE ALL REQUIREMENTS WITH SHOP DRAWINGS PRIOR TO ROUGH-IN.

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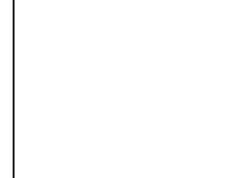
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Revisions

| Addendum # | Revisions |
|--------------|------------|
| Addendum #04 | 06/17/2014 |
| Addendum #05 | 06/20/2014 |
| Addendum #07 | 07/08/2014 |

date: 28 May 2014
DFCM project no: 12218730
Bid Documents

Southern Utah University
Beverly Taylor Sorenson
Center for the Arts
Utah Shakespeare Festival Facility
Cedar City, Utah

Second Floor -
Area A Power Plan
U-EP102A

Second Floor - Area A Power Plan
SCALE = 1/8" = 1'-0"

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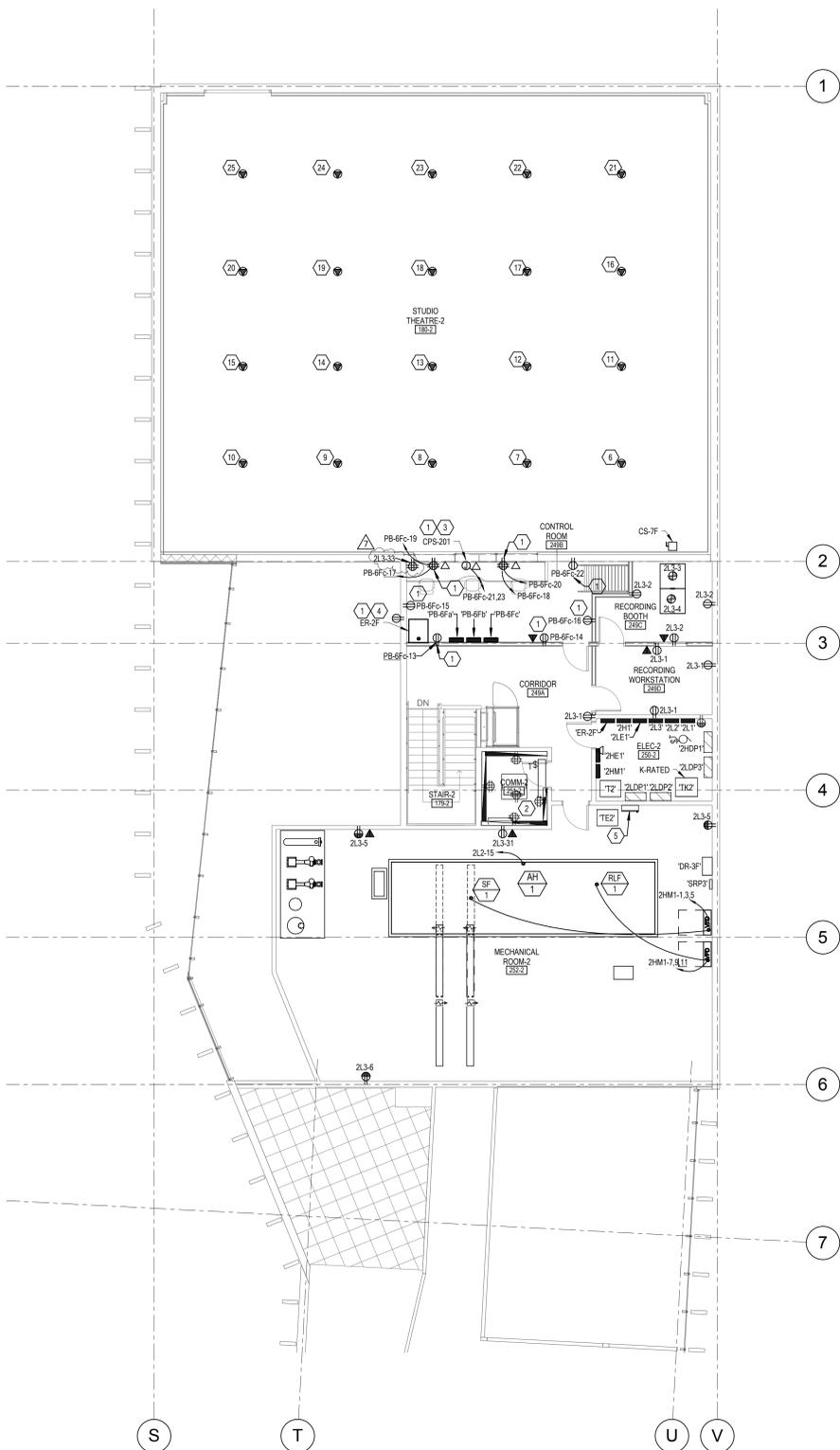
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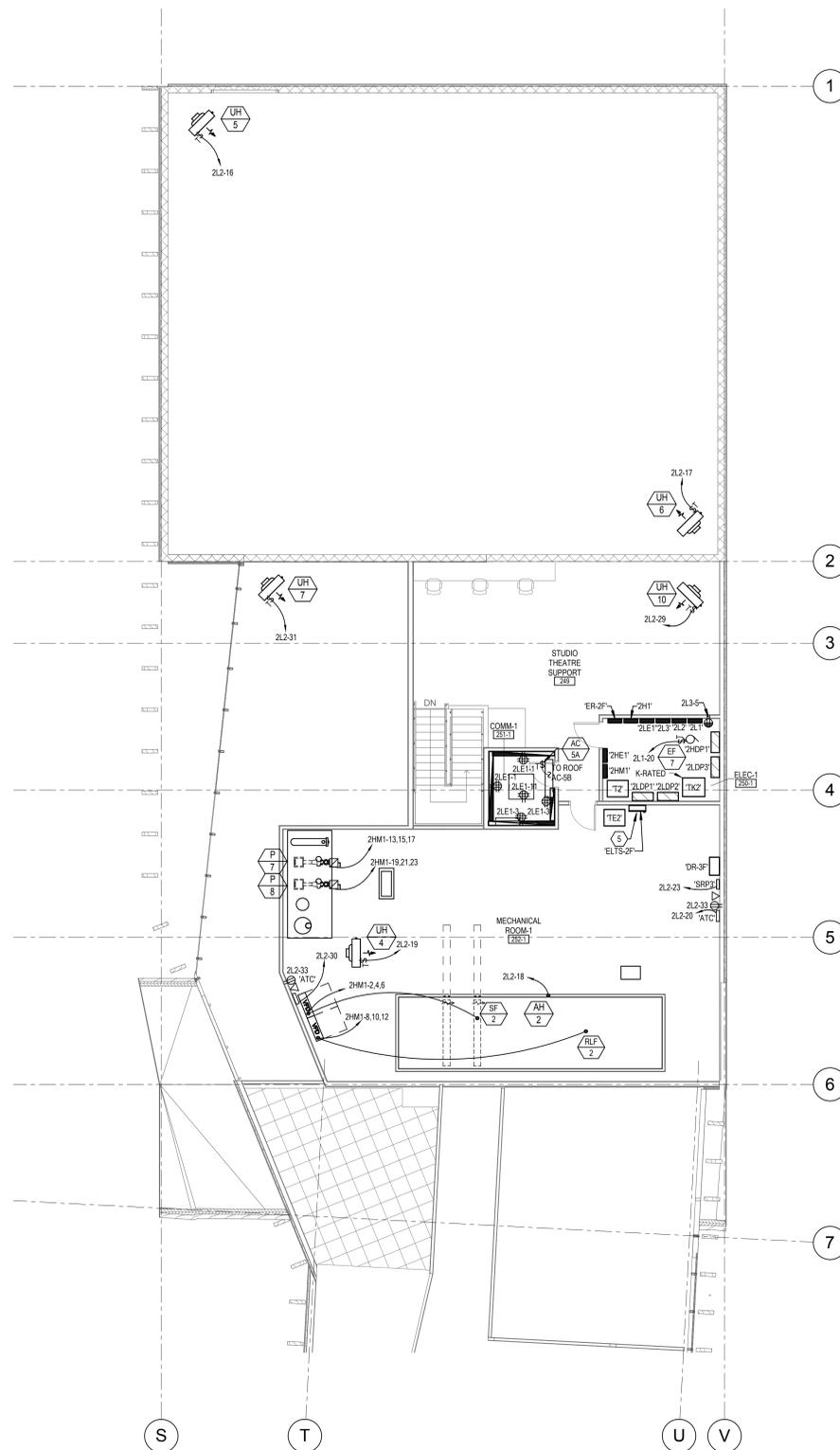
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A



Second Floor - Area C Alternate 1 Power Plan
SCALE = 1/8" = 1'-0"



Second Floor - Area C Power Plan
SCALE = 1/8" = 1'-0"

GENERAL SHEET NOTES

- EACH DIMMED AND RELAY CIRCUIT SHALL HAVE A SEPARATE HOT AND NEUTRAL WIRE OF EQUAL SIZE.
- WIRE SIZING HAS BEEN PROVIDED AS A MINIMUM ACCEPTABLE REQUIREMENT. LARGER SIZES MAY BE REQUIRED TO MAINTAIN VOLTAGE DEPENDING ON THE LENGTH OF WIRE RUN.

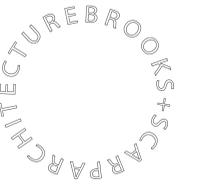
SHEET KEYNOTES

- MINIMUM WIRE SIZE FOR 20A CIRCUITS SHALL BE #10 AWG.
- PROVIDE 1" CONDUIT ONLY TO ROOF TOP, CAP AND MARK.
- CONSOLE PLUG-IN STATION. 20A/120V CIRCUIT FROM PB-6Fc.
- EQUIPMENT RACK. 20A, 208Y/120V, 3P, 5-WIRE FEED FROM PB-6Fc.
- EMERGENCY LIGHTING TRANSFER SWITCH ELTS-2F.
- OUTLET DEVICE OD-201. (1) 20A, 3P CIRCUIT PB-6Fa1,3,5. (1) 20A, 120V CIRCUIT PB-6Fa31.
- OUTLET DEVICE OD-202. (1) 20A, 3P CIRCUIT PB-6Fa2,4,6. (1) 20A, 120V CIRCUIT PB-6Fa32.
- OUTLET DEVICE OD-203. (1) 20A, 3P CIRCUIT PB-6Fa7,9,11. (1) 20A, 120V CIRCUIT PB-6Fa33.
- OUTLET DEVICE OD-204. (1) 20A, 3P CIRCUIT PB-6Fa8,10,12. (1) 20A, 120V CIRCUIT PB-6Fa34.
- OUTLET DEVICE OD-205. (1) 20A, 3P CIRCUIT PB-6Fa13,15,17. (1) 20A, 120V CIRCUIT PB-6Fa35.
- OUTLET DEVICE OD-206. (1) 20A, 3P CIRCUIT PB-6Fa14,16,18. (1) 20A, 120V CIRCUIT PB-6Fa36.
- OUTLET DEVICE OD-207. (1) 20A, 3P CIRCUIT PB-6Fa19,21,23. (1) 20A, 120V CIRCUIT PB-6Fa37.
- OUTLET DEVICE OD-208. (1) 20A, 3P CIRCUIT PB-6Fa20,22,24. (1) 20A, 120V CIRCUIT PB-6Fa38.
- OUTLET DEVICE OD-209. (1) 20A, 3P CIRCUIT PB-6Fa25,27,29. (1) 20A, 120V CIRCUIT PB-6Fa39.
- OUTLET DEVICE OD-210. (1) 20A, 3P CIRCUIT PB-6Fa26,28,30. (1) 20A, 120V CIRCUIT PB-6Fa40.
- OUTLET DEVICE OD-211. (1) 20A, 3P CIRCUIT PB-6Fb43,45,47. (1) 20A, 120V CIRCUIT PB-6Fb73.
- OUTLET DEVICE OD-212. (1) 20A, 3P CIRCUIT PB-6Fb44,46,48. (1) 20A, 120V CIRCUIT PB-6Fb74.
- OUTLET DEVICE OD-213. (1) 20A, 3P CIRCUIT PB-6Fb49,51,53. (1) 20A, 120V CIRCUIT PB-6Fb75.
- OUTLET DEVICE OD-214. (1) 20A, 3P CIRCUIT PB-6Fb50,52,54. (1) 20A, 120V CIRCUIT PB-6Fb76.
- OUTLET DEVICE OD-215. (1) 20A, 3P CIRCUIT PB-6Fb55,57,59. (1) 20A, 120V CIRCUIT PB-6Fb77.
- OUTLET DEVICE OD-216. (1) 20A, 3P CIRCUIT PB-6Fb56,58,60. (1) 20A, 120V CIRCUIT PB-6Fb78.
- OUTLET DEVICE OD-217. (1) 20A, 3P CIRCUIT PB-6Fb61,63,65. (1) 20A, 120V CIRCUIT PB-6Fb79.
- OUTLET DEVICE OD-218. (1) 20A, 3P CIRCUIT PB-6Fb62,64,66. (1) 20A, 120V CIRCUIT PB-6Fb80.
- OUTLET DEVICE OD-219. (1) 20A, 3P CIRCUIT PB-6Fb67,69,71. (1) 20A, 120V CIRCUIT PB-6Fb81.
- OUTLET DEVICE OD-220. (1) 20A, 3P CIRCUIT PB-6Fb68,70,72. (1) 20A, 120V CIRCUIT PB-6Fb82.

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stamp



DFCM approval stamp

Revisions

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| Addendum #06 | 06/25/2014 |
| Addendum #07 | 07/08/2014 |

date: 28 May 2014
DFCM project no: 12218730
Bid Documents

Southern Utah University
Beverly Taylor Sorenson
Center for the Arts
Utah Shakespeare Festival Facility
Cedar City, Utah

Second Floor -
Area C Power Plan
U-EP102C

E

D

C

B

A

PANELBOARD SCHEDULE

PANEL: BH1 TYPE: NF VOLTS: 480/277 Wye PHASE: 3 WIRES: 4

MOUNTING: Surface LOCATION: MAIN ELEC 003 MLO

FED FROM: MDP1 MAINS:

AMP: 400 A

| BRANCH BREAKERS | | | | | | | | | | | | | | | |
|---------------------|------|------|-----------|----------|---------|-------|---|---------|---------|---|----------|-----------|------|------|-------------------|
| ITEM | AMPS | POLE | WIRE SIZE | CIR. NO. | A | B | C | A | B | C | CIR. NO. | WIRE SIZE | POLE | AMPS | ITEM |
| SPARE | 20 A | 3 | 1 | 0 VA | | | | 1400 VA | 1050 VA | | 2 | 12 | 1 | 20 A | Lighting |
| Lighting 001 | 20 A | 1 | 12 | 7 | 1312 VA | | | 912 VA | | | 8 | 12 | 1 | 20 A | Exterior Lighting |
| Lighting Space 253 | 20 A | 1 | 12 | 9 | 1500 VA | | | 227 VA | | | 10 | 12 | 1 | 20 A | Lighting |
| Lighting | 20 A | 1 | 12 | 3 | 1936 VA | | | 3877 VA | | | 14 | 12 | 3 | 20 A | SPACE ONLY |
| Lighting | 20 A | 1 | 12 | 15 | 1931 VA | | | 2771 VA | | | 16 | 12 | 1 | 20 A | SPACE ONLY |
| Lighting 253 | 20 A | 1 | 12 | 17 | 2272 VA | | | 2771 VA | | | 18 | 12 | 1 | 20 A | SPACE ONLY |
| Lighting | 20 A | 1 | 12 | 19 | 1440 VA | | | 2771 VA | | | 20 | 12 | 3 | 20 A | B-1 |
| SPACE ONLY | 20 A | 1 | 12 | 23 | 0 VA | | | 2771 VA | | | 22 | 12 | 1 | 20 A | SPACE ONLY |
| PAINT BOOTH CONTROL | 20 A | 3 | 12 | 25 | 3300 VA | | | 0 VA | | | 26 | 12 | 1 | 20 A | SPACE ONLY |
| SPARE | 20 A | 1 | 12 | 27 | 3300 VA | | | 0 VA | | | 28 | 12 | 1 | 20 A | SPACE ONLY |
| SPARE | 20 A | 1 | 12 | 29 | 3300 VA | | | 0 VA | | | 30 | 12 | 1 | 20 A | SPACE ONLY |
| SPARE | 20 A | 1 | 12 | 31 | 0 VA | | | 0 VA | | | 32 | 12 | 1 | 20 A | SPARE |
| SPARE | 20 A | 1 | 12 | 33 | 0 VA | | | 0 VA | | | 34 | 12 | 1 | 20 A | SPARE |
| SPARE | 20 A | 1 | 12 | 35 | 0 VA | | | 0 VA | | | 36 | 12 | 1 | 20 A | SPARE |
| SPARE | 20 A | 1 | 12 | 37 | 0 VA | | | 0 VA | | | 38 | 12 | 1 | 20 A | SPARE |
| SPARE | 20 A | 1 | 12 | 39 | 0 VA | | | 0 VA | | | 40 | 12 | 1 | 20 A | SPARE |
| SPARE | 20 A | 1 | 12 | 41 | 0 VA | | | 0 VA | | | 42 | 12 | 1 | 20 A | SPARE |
| TOTAL | | | | 15842 | 13641 | 19121 | | | | | | | | | |
| AMPS/PHASE | | | | 58 A | 49 A | 70 A | | | | | | | | | |

Legend: CONNECTED LOAD TOTAL 48604 VA

EQUIP RATING AMPS RMS SYSM.

PANELBOARD SCHEDULE

PANEL: BHE1 TYPE: NF VOLTS: 480/277 Wye PHASE: 3 WIRES: 4

MOUNTING: Surface LOCATION: MAIN ELEC 003 MLO

FED FROM: EMPD MAINS:

AMP: 225 A

| BRANCH BREAKERS | | | | | | | | | | | | | | | |
|-----------------|------|------|-----------|----------|---------|------|---|--------|--------|---|----------|-----------|------|------|------------|
| ITEM | AMPS | POLE | WIRE SIZE | CIR. NO. | A | B | C | A | B | C | CIR. NO. | WIRE SIZE | POLE | AMPS | ITEM |
| Tea | 70 A | 3 | 4 | 1 | 2268 VA | | | 512 VA | 343 VA | | 2 | 12 | 1 | 20 A | Lighting |
| Exit Lighting | 20 A | 1 | 12 | 5 | 4690 VA | | | 117 VA | | | 8 | 12 | 1 | 20 A | Lighting |
| SPACE ONLY | 20 A | 1 | 12 | 9 | 0 VA | | | 0 VA | | | 10 | 12 | 1 | 20 A | SPACE ONLY |
| SPACE ONLY | 20 A | 1 | 12 | 11 | 0 VA | | | 0 VA | | | 12 | 12 | 1 | 20 A | SPACE ONLY |
| SPACE ONLY | 20 A | 1 | 12 | 13 | 0 VA | | | 0 VA | | | 14 | 12 | 1 | 20 A | SPACE ONLY |
| SPACE ONLY | 20 A | 1 | 12 | 15 | 0 VA | | | 0 VA | | | 16 | 12 | 1 | 20 A | SPACE ONLY |
| SPACE ONLY | 20 A | 1 | 12 | 17 | 0 VA | | | 0 VA | | | 18 | 12 | 1 | 20 A | SPACE ONLY |
| SPACE ONLY | 20 A | 1 | 12 | 19 | 0 VA | | | 0 VA | | | 20 | 12 | 1 | 20 A | SPACE ONLY |
| SPACE ONLY | 20 A | 1 | 12 | 21 | 0 VA | | | 0 VA | | | 22 | 12 | 1 | 20 A | SPACE ONLY |
| SPACE ONLY | 20 A | 1 | 12 | 23 | 0 VA | | | 0 VA | | | 24 | 12 | 1 | 20 A | SPACE ONLY |
| SPACE ONLY | 20 A | 1 | 12 | 25 | 0 VA | | | 0 VA | | | 26 | 12 | 1 | 20 A | SPACE ONLY |
| SPACE ONLY | 20 A | 1 | 12 | 27 | 0 VA | | | 0 VA | | | 28 | 12 | 1 | 20 A | SPACE ONLY |
| SPACE ONLY | 20 A | 1 | 12 | 29 | 0 VA | | | 0 VA | | | 30 | 12 | 1 | 20 A | SPACE ONLY |
| SPARE | 20 A | 1 | 12 | 31 | 0 VA | | | 0 VA | | | 32 | 12 | 1 | 20 A | SPARE |
| SPARE | 20 A | 1 | 12 | 33 | 0 VA | | | 0 VA | | | 34 | 12 | 1 | 20 A | SPARE |
| SPARE | 20 A | 1 | 12 | 35 | 0 VA | | | 0 VA | | | 36 | 12 | 1 | 20 A | SPARE |
| SPARE | 20 A | 1 | 12 | 37 | 0 VA | | | 0 VA | | | 38 | 12 | 1 | 20 A | SPARE |
| SPARE | 20 A | 1 | 12 | 39 | 0 VA | | | 0 VA | | | 40 | 12 | 1 | 20 A | SPARE |
| SPARE | 20 A | 1 | 12 | 41 | 0 VA | | | 0 VA | | | 42 | 12 | 1 | 20 A | SPARE |
| TOTAL | | | | 2980 | 5033 | 4026 | | | | | | | | | |
| AMPS/PHASE | | | | 11 A | 19 A | 15 A | | | | | | | | | |

Legend: CONNECTED LOAD TOTAL 12039 VA

EQUIP RATING AMPS RMS SYSM.

PANELBOARD SCHEDULE

PANEL: BHM1 TYPE: NF VOLTS: 480/277 Wye PHASE: 3 WIRES: 4

MOUNTING: Surface LOCATION: MECH 008 MLO

FED FROM: MDP1 MAINS:

AMP: 225 A

| BRANCH BREAKERS | | | | | | | | | | | | | | | |
|-----------------|------|------|-----------|----------|-------|-------|---|---------|---|---|----------|-----------|------|------|------------|
| ITEM | AMPS | POLE | WIRE SIZE | CIR. NO. | A | B | C | A | B | C | CIR. NO. | WIRE SIZE | POLE | AMPS | ITEM |
| SPACE ONLY | 20 A | 1 | 12 | 1 | 0 VA | | | 5823 VA | | | 2 | 10 | 3 | 20 A | CT-1 |
| SPACE ONLY | 20 A | 1 | 12 | 3 | 0 VA | | | 5823 VA | | | 4 | 12 | 1 | 20 A | SPACE ONLY |
| SPACE ONLY | 20 A | 1 | 12 | 5 | 0 VA | | | 5823 VA | | | 6 | 12 | 1 | 20 A | SPACE ONLY |
| SPACE ONLY | 20 A | 1 | 12 | 7 | 0 VA | | | 5823 VA | | | 8 | 12 | 1 | 20 A | SPACE ONLY |
| SPACE ONLY | 20 A | 1 | 12 | 9 | 0 VA | | | 5823 VA | | | 10 | 12 | 1 | 20 A | SPACE ONLY |
| SPACE ONLY | 20 A | 1 | 12 | 11 | 0 VA | | | 5823 VA | | | 12 | 12 | 1 | 20 A | SPACE ONLY |
| SPACE ONLY | 20 A | 1 | 12 | 13 | 0 VA | | | 5823 VA | | | 14 | 12 | 1 | 20 A | SPACE ONLY |
| SPACE ONLY | 20 A | 1 | 12 | 15 | 0 VA | | | 5823 VA | | | 16 | 12 | 1 | 20 A | SPACE ONLY |
| SPACE ONLY | 20 A | 1 | 12 | 17 | 0 VA | | | 5823 VA | | | 18 | 12 | 1 | 20 A | SPACE ONLY |
| SPACE ONLY | 20 A | 1 | 12 | 19 | 0 VA | | | 5823 VA | | | 20 | 12 | 1 | 20 A | SPACE ONLY |
| SPACE ONLY | 20 A | 1 | 12 | 21 | 0 VA | | | 5823 VA | | | 22 | 12 | 1 | 20 A | SPACE ONLY |
| SPACE ONLY | 20 A | 1 | 12 | 23 | 0 VA | | | 5823 VA | | | 24 | 12 | 1 | 20 A | SPACE ONLY |
| SPACE ONLY | 20 A | 1 | 12 | 25 | 0 VA | | | 5823 VA | | | 26 | 12 | 1 | 20 A | SPACE ONLY |
| SPACE ONLY | 20 A | 1 | 12 | 27 | 0 VA | | | 5823 VA | | | 28 | 12 | 1 | 20 A | SPACE ONLY |
| SPACE ONLY | 20 A | 1 | 12 | 29 | 0 VA | | | 5823 VA | | | 30 | 12 | 1 | 20 A | SPACE ONLY |
| SPACE ONLY | 20 A | 1 | 12 | 31 | 0 VA | | | 5823 VA | | | 32 | 12 | 1 | 20 A | SPACE ONLY |
| SPACE ONLY | 20 A | 1 | 12 | 33 | 0 VA | | | 5823 VA | | | 34 | 12 | 1 | 20 A | SPACE ONLY |
| SPACE ONLY | 20 A | 1 | 12 | 35 | 0 VA | | | 5823 VA | | | 36 | 12 | 1 | 20 A | SPACE ONLY |
| SPACE ONLY | 20 A | 1 | 12 | 37 | 0 VA | | | 5823 VA | | | 38 | 12 | 1 | 20 A | SPACE ONLY |
| SPACE ONLY | 20 A | 1 | 12 | 39 | 0 VA | | | 5823 VA | | | 40 | 12 | 1 | 20 A | SPACE ONLY |
| SPACE ONLY | 20 A | 1 | 12 | 41 | 0 VA | | | 5823 VA | | | 42 | 12 | 1 | 20 A | SPACE ONLY |
| TOTAL | | | | 33757 | 33757 | 33757 | | | | | | | | | |
| AMPS/PHASE | | | | 122 A | 122 A | 122 A | | | | | | | | | |

Legend: CONNECTED LOAD TOTAL 101272 VA

EQUIP RATING AMPS RMS SYSM.

PANELBOARD SCHEDULE

PANEL: BL1 TYPE: NQOD VOLTS: 120/208 Wye PHASE: 3 WIRES: 4

MOUNTING: Surface LOCATION: MAIN ELEC 003 MLO

FED FROM: BLDP MAINS:

AMP: 225 A

| BRANCH BREAKERS | | | | | | | | | | | | | | | |
|-----------------|------|------|-----------|----------|---------|------|---|---------|---|---|----------|-----------|------|------|---------------------------|
| ITEM | AMPS | POLE | WIRE SIZE | CIR. NO. | A | B | C | A | B | C | CIR. NO. | WIRE SIZE | POLE | AMPS | ITEM |
| Power | 20 A | 1 | 12 | 1 | 360 VA | | | 500 VA | | | 2 | 12 | 1 | 20 A | Power |
| Power | 20 A | 1 | 12 | 3 | 500 VA | | | 720 VA | | | 4 | 12 | 1 | 20 A | Power COSTUME STORAGE 001 |
| Power | 20 A | 1 | 12 | 5 | 720 VA | | | 1080 VA | | | 6 | 12 | 1 | 20 A | Air Handler Lights |
| Power | 20 A | 1 | 12 | 7 | 500 VA | | | 1260 VA | | | 8 | 12 | 1 | 20 A | Power |
| Power | 20 A | 1 | 12 | 9 | 720 VA | | | 1080 VA | | | 10 | 12 | 1 | 20 A | Power |
| Power | 20 A | 1 | 12 | 11 | 500 VA | | | 360 VA | | | 12 | 12 | 1 | 20 A | Power |
| Power | 20 A | 1 | 12 | 13 | 1260 VA | | | 180 VA | | | 14 | 12 | 1 | 20 A | Power |
| Power | 20 A | 1 | 12 | 15 | 1080 VA | | | 500 VA | | | 16 | 12 | 1 | 20 A | Power |
| Power | 20 A | 1 | 12 | 17 | 100 VA | | | 0 VA | | | 18 | 12 | 1 | 20 A | Power STORAGE/EFFECTS 012 |
| FA BELL | 20 A | 1 | 12 | 19 | 100 VA | | | 180 VA | | | 20 | 12 | 1 | 20 A | Power |
| Power | 20 A | 1 | 12 | 21 | 1500 VA | | | 4800 VA | | | 22 | 12 | 1 | 20 A | Power DRESSING ROOM 224 |
| Power | 20 A | 1 | 12 | 23 | 180 VA | | | 540 VA | | | 24 | 12 | 1 | 20 A | Power |
| Power | 20 A | 1 | 12 | 25 | 0 VA | | | 1500 VA | | | 26 | 12 | 1 | 20 A | Power |
| Power | 20 A | 1 | 12 | 27 | 1400 VA | | | 1127 VA | | | 28 | 12 | 1 | 20 A | Motor |
| Power | 20 A | 1 | 12 | 29 | 1400 VA | | | 1400 VA | | | 30 | 12 | 1 | 20 A | Power COSTUME STORAGE 001 |
| Power | 20 A | 1 | 12 | 31 | 1400 VA | | | 1500 VA | | | 32 | 12 | 1 | 20 A | Power DRESSING ROOM 224 |
| Lighting | 20 A | 1 | 12 | 33 | 674 VA | | | 720 VA | | | 34 | 12 | 1 | 20 A | Power |
| SPARE | 20 A | 1 | 12 | 35 | 0 VA | | | 0 VA | | | 36 | 12 | 1 | 20 A | SPARE |
| SPARE | 20 A | 1 | 12 | 37 | 0 VA | | | 0 VA | | | 38 | 12 | 1 | 20 A | SPARE |
| SPARE | 20 A | 1 | 12 | 39 | 0 VA | | | 0 VA | | | 40 | 12 | 1 | 20 A | SPARE |
| SPARE | 20 A | 1 | 12 | 41 | 0 VA | | | 0 VA | | | 42 | 12 | 1 | 20 A | SPARE |
| TOTAL | | | | 8740 | 10941 | 5680 | | | | | | | | | |
| AMPS/PHASE | | | | 77 A | 95 A | 47 A | | | | | | | | | |

Legend: CONNECTED LOAD TOTAL 25361 VA

EQUIP RATING AMPS RMS SYSM.

PANELBOARD SCHEDULE

PANEL: BL2 TYPE: NQOD VOLTS: 120/208 Wye PHASE: 3 WIRES: 4

MOUNTING: Surface LOCATION: MAIN ELEC 003 MLO

FED FROM: BLDP MAINS:

AMP: 225 A

| BRANCH BREAKERS | | | | | | | | | | | | | | | |
|--------------------|------|------|-----------|----------|---------|---|---|---------|---|---|----------|-----------|------|------|-------|
| ITEM | AMPS | POLE | WIRE SIZE | CIR. NO. | A | B | C | A | B | C | CIR. NO. | WIRE SIZE | POLE | AMPS | ITEM |
| Motor DYE ROOM 124 | 20 A | 1 | 12 | 1 | 1176 VA | | | 1080 VA | | | 2 | 12 | 1 | 20 A | Power |
| Power | 20 A | 1 | 12 | 3 | 720 VA | | | 360 VA | | | 4 | 12 | 1 | 20 A | Power |
| Power | 20 A | 1 | 12 | 5 | 540 VA | | | 360 VA | | | 6 | 12 | 1 | 20 A | Power |
| Power | 20 A | 1 | 12 | 7 | 360 VA | | | 360 VA | | | 8 | 12 | 1 | 20 A | Power |
| Power | 20 A | 2 | 12 | 9 | 750 VA | | | 750 VA | | | 10 | 12 | 2 | 20 A | Power |
| Power | 20 A | 2 | 12 | 11 | 750 VA | | | 750 VA | | | 12 | 12 | 2 | 20 A | Power |
| Power | 20 A | 2 | 12 | 13 | 750 VA | | | 750 VA | | | 14 | 12 | 2 | 20 A | Power |
| Power | 20 A | 2 | 12 | 15 | 750 VA | | | 750 VA | | | 16 | 12 | 2 | 20 A | Power |
| Power | 20 A | 2 | 12 | 17 | 750 VA | | | 540 VA | | | 18 | 12 | 1 | 20 A | Power |
| Power | 20 A | 1 | 12 | 19 | 540 VA | | | 360 VA | | | 20 | 12 | 1 | 20 A | Power |
| Power | 20 A | 1 | 12 | 21 | 880 VA | | | 360 VA | | | 22 | 12 | 1 | 20 A | Power |
| Power | 20 A | 1 | 12 | 23 | 360 VA | | | 360 VA | | | 24 | 12 | 1 | 20 A | Power |
| Power | 20 A | 1 | 12 | 25 | 360 VA | | | | | | | | | | |

PANELBOARD SCHEDULE

| PANEL: BLE1 | | TYPE: NQDD | VOLTS: 120/208 Wye | PHASE: 3 | WIRES: 4 | | | | | | | | | | |
|-------------------------|------|-------------------------|--------------------|----------|----------|---------|------|---------|--------|------|----------|-----------|------|----------------------|-----------------------------|
| MOUNTING: Surface | | LOCATION: MAIN ELEC 003 | | MCB | | | | | | | | | | | |
| | | FED FROM: TEB | | MAINS: | | | | | | | | | | | |
| | | AMP: 175 A | | | | | | | | | | | | | |
| BRANCH BREAKERS | | | | | | | | | | | | | | | |
| ITEM | AMPS | POLE | WIRE SIZE | CIR. NO. | A | B | C | A | B | C | CIR. NO. | WIRE SIZE | POLE | AMPS | ITEM |
| Power ACTOR QUELING 178 | 20 A | 1 | 12 | 1 | 0 VA | | | 180 VA | | | 2 | 12 | 1 | 20 A | EMERGENCY POWER |
| Power COMM 005 | 20 A | 1 | 12 | 3 | 900 VA | | | 180 VA | | | 4 | 12 | 1 | 20 A | EMERGENCY POWER |
| Power COMM 005 | 20 A | 1 | 12 | 5 | | 1800 VA | | | 278 VA | | 6 | 12 | 1 | 20 A | CONTROL BOOTHS ELEVATOR PIT |
| Power COMM 005 | 20 A | 1 | 12 | 7 | 1800 VA | | | | | | 8 | 12 | 1 | 20 A | BACKSTAGE ELEVATOR PIT |
| Power COMM 005 | 20 A | 1 | 12 | 9 | 1800 VA | | | 1800 VA | | | 10 | 12 | 1 | 20 A | AC-1 |
| Power COMM 005 | 20 A | 1 | 12 | 11 | | 1800 VA | | | | | 12 | 12 | 1 | 20 A | Power SCENERY STAGING 230 |
| Other | 20 A | 1 | 12 | 13 | 5 VA | | | | | | 14 | 12 | 1 | 20 A | Other |
| Other | 20 A | 1 | 12 | 15 | 5 VA | | 5 VA | | 5 VA | | 16 | 12 | 1 | 20 A | Other PROPS WORKROOM 118 |
| Other ACTOR STAIR 117 | 20 A | 1 | 12 | 17 | | 5 VA | | 5 VA | | 5 VA | 18 | 12 | 1 | 20 A | Other |
| SPACE ONLY | -- | -- | -- | 19 | 0 VA | | | 0 VA | | | 20 | -- | -- | -- | SPACE ONLY |
| SPACE ONLY | -- | -- | -- | 21 | 0 VA | | | 0 VA | | | 22 | -- | -- | -- | SPACE ONLY |
| SPACE ONLY | -- | -- | -- | 23 | | 0 VA | | | 0 VA | | 24 | -- | -- | -- | SPACE ONLY |
| ELTS | 50 A | 3 | 2 | 25 | 0 VA | | | 0 VA | | | 26 | -- | -- | -- | SPACE ONLY |
| -- | -- | -- | -- | 27 | | 0 VA | | | 0 VA | | 28 | -- | -- | -- | SPACE ONLY |
| -- | -- | -- | -- | 29 | | 0 VA | | | 0 VA | | 30 | -- | -- | -- | SPACE ONLY |
| SPARE | 20 A | 1 | -- | 31 | 0 VA | | | 0 VA | | | 32 | -- | -- | -- | SPACE ONLY |
| SPARE | 20 A | 1 | -- | 33 | 0 VA | | | 0 VA | | | 34 | -- | -- | -- | SPACE ONLY |
| SPARE | 20 A | 1 | -- | 35 | | 0 VA | | | 0 VA | | 36 | -- | -- | -- | SPACE ONLY |
| SPARE | 20 A | 1 | -- | 37 | 0 VA | | | 0 VA | | | 38 | -- | -- | -- | SPACE ONLY |
| SPARE | 20 A | 1 | -- | 39 | | 0 VA | | | 0 VA | | 40 | -- | -- | -- | SPACE ONLY |
| SPARE | 20 A | 1 | -- | 41 | | 0 VA | | | 0 VA | | 42 | -- | -- | -- | SPACE ONLY |
| TOTAL | | | | 2268 | 4690 | 3888 | | | | | | | | | |
| AMPS/PHASE | | | | 19 A | 41 A | 34 A | | | | | | | | | |
| Legend: | | | | | | | | | | | | | | CONNECTED LOAD TOTAL | |
| | | | | | | | | | | | | | | 10848 VA | |
| EQUIP RATING | | | | | | | | | | | | | | AMPS RMS SYSM. | |
| PROVIDE 200% NEUTRAL. | | | | | | | | | | | | | | | |

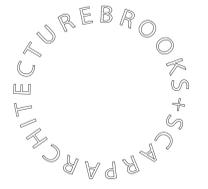
PANELBOARD SCHEDULE

| PANEL: BLM1 | | TYPE: NQDD | VOLTS: 120/208 Wye | PHASE: 3 | WIRES: 4 | | | | | | | | | | |
|-------------------|------|--------------------|--------------------|----------|----------|---------|---|--------|--------|---|----------|-----------|------|----------------------|------------|
| MOUNTING: Surface | | LOCATION: MECH 008 | | MLO | | | | | | | | | | | |
| | | FED FROM: | | MAINS: | | | | | | | | | | | |
| | | AMP: 225 A | | | | | | | | | | | | | |
| BRANCH BREAKERS | | | | | | | | | | | | | | | |
| ITEM | AMPS | POLE | WIRE SIZE | CIR. NO. | A | B | C | A | B | C | CIR. NO. | WIRE SIZE | POLE | AMPS | ITEM |
| SPARE | 20 A | 1 | -- | 1 | 0 VA | | | 0 VA | | | 2 | 12 | 1 | 20 A | HVAC |
| SPARE | 20 A | 1 | -- | 3 | | 0 VA | | | 0 VA | | 4 | 12 | 1 | 20 A | HVAC |
| ATC | 20 A | 1 | 12 | 5 | | | | 600 VA | | | 6 | -- | -- | -- | SPARE |
| SP-1 | 20 A | 1 | 12 | 7 | 696 VA | | | | 0 VA | | 8 | -- | -- | -- | SPARE |
| LH-1 | 20 A | 1 | 12 | 9 | | 528 VA | | | 0 VA | | 10 | -- | -- | -- | SPARE |
| RCR-1 | 20 A | 1 | 12 | 11 | | | | 696 VA | | | 12 | 12 | 1 | 20 A | WH-3 |
| LH-2 | 20 A | 1 | 12 | 13 | 528 VA | | | | 0 VA | | 14 | -- | -- | -- | SPACE ONLY |
| WS-1 | 20 A | 1 | 12 | 15 | | | | 600 VA | | | 16 | -- | -- | -- | SPACE ONLY |
| WH-1 | 20 A | 1 | 12 | 17 | | | | | 684 VA | | 18 | -- | -- | -- | SPACE ONLY |
| WH-2 | 20 A | 1 | 12 | 19 | 684 VA | | | | 0 VA | | 20 | -- | -- | -- | SPACE ONLY |
| AH-4 | 20 A | 1 | 12 | 21 | | 1920 VA | | | 0 VA | | 22 | -- | -- | -- | SPACE ONLY |
| SPACE ONLY | -- | -- | -- | 23 | | | | 0 VA | | | 24 | -- | -- | -- | SPACE ONLY |
| Motor MECH 008 | 20 A | 1 | 12 | 25 | 1176 VA | | | | 0 VA | | 26 | -- | -- | -- | SPACE ONLY |
| Power MECH 007 | 20 A | 1 | 12 | 27 | | 720 VA | | | 0 VA | | 28 | -- | -- | -- | SPACE ONLY |
| Power MECH 008 | 20 A | 1 | 12 | 29 | | 720 VA | | | 0 VA | | 30 | -- | -- | -- | SPACE ONLY |
| SPARE | 20 A | 1 | -- | 31 | 0 VA | | | 0 VA | | | 32 | -- | -- | -- | SPACE ONLY |
| SPARE | 20 A | 1 | -- | 33 | 0 VA | | | 0 VA | | | 34 | -- | -- | -- | SPACE ONLY |
| SPARE | 20 A | 1 | -- | 35 | | 0 VA | | | 0 VA | | 36 | -- | -- | -- | SPACE ONLY |
| SPARE | 20 A | 1 | -- | 37 | 0 VA | | | 0 VA | | | 38 | -- | -- | -- | SPACE ONLY |
| SPARE | 20 A | 1 | -- | 39 | | 0 VA | | | 0 VA | | 40 | -- | -- | -- | SPACE ONLY |
| SPARE | 20 A | 1 | -- | 41 | | 0 VA | | | 0 VA | | 42 | -- | -- | -- | SPACE ONLY |
| TOTAL | | | | 3984 | 3788 | 3384 | | | | | | | | | |
| AMPS/PHASE | | | | 34 A | 52 A | 28 A | | | | | | | | | |
| Legend: | | | | | | | | | | | | | | CONNECTED LOAD TOTAL | |
| | | | | | | | | | | | | | | 11136 VA | |
| 200% NEUTRAL | | | | | | | | | | | | | | EQUIP RATING | |
| | | | | | | | | | | | | | | AMPS RMS SYSM. | |

and PARTNERS



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stamp



DFCM approval stamp

Revisions

| | |
|--------------|------------|
| Addendum #03 | 06/10/2014 |
| Addendum #06 | 06/25/2014 |

date: 28 May 2014

DFCM project no: 12218730

Bid Documents

Southern Utah University
Beverly Taylor Sorenson Center for the Arts
Utah Shakespeare Festival Facility
Cedar City, Utah

Panelboard Schedules
U-EX502

PANELBOARD SCHEDULE

PANEL: 1H1 TYPE: NF VOLTS: 480/277 Wye PHASE: 3 WIRES: 4

MOUNTING: Surface LOCATION: SAT ELEC-1 137-1 M.L.O. FED FROM: 1HDP1 MAINS: AMP: 225 A

| BRANCH BREAKERS | | | | | | | | | | | | | | | | | |
|--------------------------|------|------|-----------|----------|--------|------|------|---------|---|---|----------|-----------|------|------|------------------------------|--|--|
| ITEM | AMPS | POLE | WIRE SIZE | CIR. NO. | A | B | C | A | B | C | CIR. NO. | WIRE SIZE | POLE | AMPS | ITEM | | |
| Lighting | 20 A | 1 | 12 | 1 | 160 VA | | | 2590 VA | | | 2 | 12 | 1 | 20 A | Lighting | | |
| Lighting Exterior Facade | 20 A | 1 | 12 | 3 | | | | 826 VA | | | 4 | 12 | 1 | 20 A | Lighting CONFERENCE ROOM 143 | | |
| Lighting | 20 A | 1 | 12 | 5 | | | | 64 VA | | | 6 | 12 | 3 | 20 A | WH-4 | | |
| Lighting | 20 A | 1 | 12 | 7 | 458 VA | | | 4018 VA | | | 8 | -- | -- | -- | -- | | |
| Lighting | 20 A | 1 | 12 | 9 | | | | 449 VA | | | 10 | -- | -- | -- | -- | | |
| Lighting | 20 A | 1 | 12 | 11 | | | | 2012 VA | | | 12 | -- | 1 | 20 A | SPARE | | |
| SPARE | 20 A | 1 | -- | 13 | 0 VA | | | 0 VA | | | 14 | -- | 1 | 20 A | SPARE | | |
| SPARE | 20 A | 1 | -- | 15 | 0 VA | | | 0 VA | | | 16 | -- | 1 | 20 A | SPARE | | |
| SPARE | 20 A | 1 | -- | 17 | 0 VA | | | 0 VA | | | 18 | -- | 1 | 20 A | SPARE | | |
| SPARE | 20 A | 1 | -- | 19 | 0 VA | | | 0 VA | | | 20 | -- | 1 | 20 A | SPARE | | |
| SPARE | 20 A | 1 | -- | 21 | 0 VA | | | 0 VA | | | 22 | -- | 1 | 20 A | SPARE | | |
| SPARE | 20 A | 1 | -- | 23 | 0 VA | | | 0 VA | | | 24 | -- | -- | -- | SPACE ONLY | | |
| SPACE ONLY | -- | -- | -- | 25 | 0 VA | | | 0 VA | | | 26 | -- | -- | -- | SPACE ONLY | | |
| SPACE ONLY | -- | -- | -- | 27 | 0 VA | | | 0 VA | | | 28 | -- | -- | -- | SPACE ONLY | | |
| SPACE ONLY | -- | -- | -- | 29 | 0 VA | | | 0 VA | | | 30 | -- | -- | -- | SPACE ONLY | | |
| SPACE ONLY | -- | -- | -- | 31 | 0 VA | | | 0 VA | | | 32 | -- | -- | -- | SPACE ONLY | | |
| SPACE ONLY | -- | -- | -- | 33 | 0 VA | | | 0 VA | | | 34 | -- | -- | -- | SPACE ONLY | | |
| SPACE ONLY | -- | -- | -- | 35 | 0 VA | | | 0 VA | | | 36 | -- | -- | -- | SPACE ONLY | | |
| SPACE ONLY | -- | -- | -- | 37 | 0 VA | | | 0 VA | | | 38 | -- | -- | -- | SPACE ONLY | | |
| SPACE ONLY | -- | -- | -- | 39 | 0 VA | | | 0 VA | | | 40 | -- | -- | -- | SPACE ONLY | | |
| SPACE ONLY | -- | -- | -- | 41 | 0 VA | | | 0 VA | | | 42 | -- | -- | -- | SPACE ONLY | | |
| TOTAL | | | | | 7203 | 7323 | 8094 | | | | | | | | | | |
| AMPS/PHASE | | | | | 27 A | 27 A | 22 A | | | | | | | | | | |

Legend: CONNECTED LOAD TOTAL 20620 VA EQUIP RATING AMPS RMS SYSM.

PANELBOARD SCHEDULE

PANEL: 1H2 TYPE: NF VOLTS: 480/277 Wye PHASE: 3 WIRES: 4

MOUNTING: Surface LOCATION: SAT ELEC-1 137-1 M.L.O. FED FROM: 1HDP1 MAINS: AMP: 225 A

| BRANCH BREAKERS | | | | | | | | | | | | | | | | | |
|-------------------|------|------|-----------|----------|---------|-------|-------|----------|---|---|----------|-----------|------|------|------------|--|--|
| ITEM | AMPS | POLE | WIRE SIZE | CIR. NO. | A | B | C | A | B | C | CIR. NO. | WIRE SIZE | POLE | AMPS | ITEM | | |
| T1 | 0 A | 3 | -- | 1 | 2876 VA | | | 25508 VA | | | 1896 VA | 0 VA | 0 VA | 20 A | Lighting | | |
| SPARE | 20 A | 1 | -- | 5 | 0 VA | | | 2876 VA | | | 0 VA | 6 | -- | -- | SPACE ONLY | | |
| SPARE | 20 A | 1 | -- | 7 | 0 VA | | | 0 VA | | | 8 | -- | -- | -- | SPACE ONLY | | |
| SPARE | 20 A | 1 | -- | 9 | 0 VA | | | 0 VA | | | 10 | -- | -- | -- | SPACE ONLY | | |
| SPARE | 20 A | 1 | -- | 11 | 0 VA | | | 0 VA | | | 12 | -- | -- | -- | SPACE ONLY | | |
| SPARE | 20 A | 1 | -- | 13 | 0 VA | | | 0 VA | | | 14 | -- | -- | -- | SPACE ONLY | | |
| SPARE | 20 A | 1 | -- | 15 | 0 VA | | | 0 VA | | | 16 | -- | -- | -- | SPACE ONLY | | |
| SPARE | 20 A | 1 | -- | 17 | 0 VA | | | 0 VA | | | 18 | -- | -- | -- | SPACE ONLY | | |
| SPARE ONLY | -- | -- | -- | 19 | 0 VA | | | 0 VA | | | 20 | -- | -- | -- | SPACE ONLY | | |
| SPARE ONLY | -- | -- | -- | 21 | 0 VA | | | 0 VA | | | 22 | -- | -- | -- | SPACE ONLY | | |
| SPARE ONLY | -- | -- | -- | 23 | 0 VA | | | 0 VA | | | 24 | -- | -- | -- | SPACE ONLY | | |
| SPARE ONLY | -- | -- | -- | 25 | 0 VA | | | 0 VA | | | 26 | -- | -- | -- | SPACE ONLY | | |
| SPARE ONLY | -- | -- | -- | 27 | 0 VA | | | 0 VA | | | 28 | -- | -- | -- | SPACE ONLY | | |
| SPARE ONLY | -- | -- | -- | 29 | 0 VA | | | 0 VA | | | 30 | -- | -- | -- | SPACE ONLY | | |
| SPARE ONLY | -- | -- | -- | 31 | 0 VA | | | 0 VA | | | 32 | -- | -- | -- | SPACE ONLY | | |
| SPARE ONLY | -- | -- | -- | 33 | 0 VA | | | 0 VA | | | 34 | -- | -- | -- | SPACE ONLY | | |
| SPARE ONLY | -- | -- | -- | 35 | 0 VA | | | 0 VA | | | 36 | -- | -- | -- | SPACE ONLY | | |
| SPARE ONLY | -- | -- | -- | 37 | 0 VA | | | 0 VA | | | 38 | -- | -- | -- | SPACE ONLY | | |
| SPARE ONLY | -- | -- | -- | 39 | 0 VA | | | 0 VA | | | 40 | -- | -- | -- | SPACE ONLY | | |
| SPARE ONLY | -- | -- | -- | 41 | 0 VA | | | 0 VA | | | 42 | -- | -- | -- | SPACE ONLY | | |
| TOTAL | | | | | 30572 | 25508 | 26198 | | | | | | | | | | |
| AMPS/PHASE | | | | | 111 A | 92 A | 95 A | | | | | | | | | | |

Legend: CONNECTED LOAD TOTAL 82278 VA EQUIP RATING AMPS RMS SYSM.

PANELBOARD SCHEDULE

PANEL: 1L1 TYPE: NQOD VOLTS: 120/208 Wye PHASE: 3 WIRES: 4

MOUNTING: Surface LOCATION: SAT ELEC-1 137-1 M.L.O. FED FROM: 1LDP1 MAINS: AMP: 225 A

| BRANCH BREAKERS | | | | | | | | | | | | | | | | | |
|-------------------|------|------|-----------|----------|--------|------|------|---------|---|---|----------|-----------|------|------|--------------------|--|--|
| ITEM | AMPS | POLE | WIRE SIZE | CIR. NO. | A | B | C | A | B | C | CIR. NO. | WIRE SIZE | POLE | AMPS | ITEM | | |
| Power | 20 A | 1 | 12 | 1 | 900 VA | | | 900 VA | | | 2 | 12 | 1 | 20 A | Power | | |
| Power | 20 A | 1 | 12 | 3 | | | | 900 VA | | | 4 | 12 | 1 | 20 A | Power | | |
| Power | 20 A | 1 | 12 | 5 | | | | 360 VA | | | 6 | 12 | 1 | 20 A | Power | | |
| Power | 20 A | 1 | 12 | 7 | 360 VA | | | 1080 VA | | | 8 | 12 | 1 | 20 A | Power | | |
| Power | 20 A | 1 | 12 | 9 | | | | 720 VA | | | 10 | 12 | 1 | 20 A | Power | | |
| Power | 20 A | 1 | 12 | 11 | | | | 2000 VA | | | 12 | 12 | 1 | 20 A | Power | | |
| Power | 20 A | 1 | 12 | 13 | 900 VA | | | 1500 VA | | | 14 | 12 | 1 | 20 A | Power | | |
| Power | 20 A | 1 | 12 | 15 | | | | 2000 VA | | | 16 | 12 | 1 | 20 A | Power | | |
| Power | 20 A | 1 | 12 | 17 | | | | 720 VA | | | 18 | 12 | 1 | 20 A | Power | | |
| Power | 20 A | 1 | 12 | 19 | 360 VA | | | 1260 VA | | | 20 | 12 | 1 | 20 A | Power | | |
| Power | 20 A | 1 | 12 | 21 | | | | 360 VA | | | 22 | 12 | 1 | 20 A | Power GALLERY 134B | | |
| Power | 20 A | 1 | 12 | 23 | | | | 360 VA | | | 24 | 12 | 1 | 20 A | Power | | |
| Power | 20 A | 1 | 12 | 25 | 360 VA | | | 1200 VA | | | 26 | 12 | 1 | 20 A | Power | | |
| Power | 20 A | 1 | 12 | 27 | | | | 360 VA | | | 28 | 12 | 1 | 20 A | Power | | |
| Power | 20 A | 1 | 12 | 29 | | | | 360 VA | | | 30 | 12 | 1 | 20 A | Power KITCHEN 134A | | |
| Power | 20 A | 1 | 12 | 31 | 600 VA | | | 900 VA | | | 32 | -- | -- | -- | Power | | |
| SPARE | 20 A | 1 | -- | 33 | 0 VA | | | 0 VA | | | 34 | -- | -- | -- | SPARE | | |
| SPARE | 0 A | 1 | -- | 35 | 0 VA | | | 0 VA | | | 36 | -- | -- | -- | SPARE | | |
| SPARE | 0 A | 1 | -- | 37 | 0 VA | | | 0 VA | | | 38 | -- | -- | -- | SPARE | | |
| SPARE | 0 A | 1 | -- | 39 | 0 VA | | | 0 VA | | | 40 | -- | -- | -- | SPARE | | |
| SPARE | 0 A | 1 | -- | 41 | 0 VA | | | 0 VA | | | 42 | -- | -- | -- | SPARE | | |
| TOTAL | | | | | 10320 | 9200 | 7960 | | | | | | | | | | |
| AMPS/PHASE | | | | | 38 A | 78 A | 66 A | | | | | | | | | | |

Legend: CONNECTED LOAD TOTAL 27480 VA EQUIP RATING AMPS RMS SYSM. 200% NEUTRAL

PANELBOARD SCHEDULE

PANEL: 1L2 TYPE: NQOD VOLTS: 120/208 Wye PHASE: 3 WIRES: 4

MOUNTING: Surface LOCATION: SAT ELEC-1 137-1 M.L.O. FED FROM: 1LDP1 MAINS: AMP: 225 A

| BRANCH BREAKERS | | | | | | | | | | | | | | | | | |
|------------------------|------|------|-----------|----------|--------|------|------|---------|---|---|----------|-----------|------|------|--------------------------------|--|--|
| ITEM | AMPS | POLE | WIRE SIZE | CIR. NO. | A | B | C | A | B | C | CIR. NO. | WIRE SIZE | POLE | AMPS | ITEM | | |
| Power | 20 A | 1 | 12 | 1 | 720 VA | | | 540 VA | | | 2 | 12 | 1 | 20 A | Power | | |
| Power | 20 A | 1 | 12 | 3 | | | | 720 VA | | | 4 | 12 | 1 | 20 A | Power | | |
| Power | 20 A | 1 | 12 | 5 | | | | 540 VA | | | 6 | 12 | 1 | 20 A | Power | | |
| Power | 20 A | 1 | 12 | 7 | 720 VA | | | 180 VA | | | 8 | -- | -- | -- | Power PLOTTER PRINT GRAPHIC... | | |
| Power | 20 A | 1 | 12 | 9 | | | | 720 VA | | | 10 | 12 | 1 | 20 A | Power PLOTTER PRINT GRAPHIC... | | |
| Power | 20 A | 1 | 12 | 11 | | | | 720 VA | | | 12 | 12 | 1 | 20 A | Power | | |
| Power | 20 A | 1 | 12 | 13 | 720 VA | | | 900 VA | | | 14 | 12 | 1 | 20 A | Power | | |
| Power | 20 A | 1 | 12 | 15 | | | | 900 VA | | | 16 | 12 | 1 | 20 A | Power | | |
| Power | 20 A | 1 | 12 | 17 | | | | 720 VA | | | 18 | 12 | 1 | 20 A | Power | | |
| Power | 20 A | 1 | 12 | 19 | 720 VA | | | 360 VA | | | 20 | 12 | 1 | 20 A | Power | | |
| Power | 20 A | 1 | 12 | 21 | | | | 540 VA | | | 22 | 12 | 1 | 20 A | Power | | |
| Power | 20 A | 1 | 12 | 23 | | | | 540 VA | | | 24 | 12 | 1 | 20 A | Power | | |
| Power | 20 A | 1 | 12 | 25 | 900 VA | | | 720 VA | | | 26 | 12 | 1 | 20 A | Power | | |
| SRP2 | 20 A | 1 | 12 | 27 | | | | 0 VA | | | 28 | 12 | 1 | 20 A | Power | | |
| Power | 20 A | 1 | 12 | 29 | | | | 1080 VA | | | 30 | 12 | 1 | 20 A | Power | | |
| Power | 20 A | 1 | 12 | 31 | 720 VA | | | 0 VA | | | 32 | 12 | 1 | 20 A | Power | | |
| Power PLOTTER PRINT... | 20 A | 1 | -- | 33 | | | | 180 VA | | | 34 | -- | -- | -- | SPARE | | |
| Power PLOTTER PRINT... | 20 A | 1 | -- | 35 | | | | 180 VA | | | 36 | -- | -- | -- | SPARE | | |
| SPARE | 20 A | 1 | -- | 37 | 0 VA | | | 0 VA | | | 38 | -- | -- | -- | SPARE | | |
| SPARE | 0 A | 1 | -- | 39 | 0 VA | | | 0 VA | | | 40 | -- | -- | -- | SPARE | | |
| SPARE | 20 A | 1 | -- | 41 | 0 VA | | | 0 VA | | | 42 | -- | -- | -- | SPARE | | |
| TOTAL | | | | | 7200 | 6120 | 7560 | | | | | | | | | | |
| AMPS/PHASE | | | | | 61 A | 51 A | 64 A | | | | | | | | | | |

Legend: CONNECTED LOAD TOTAL 20880 VA EQUIP RATING AMPS RMS SYSM. 200% NEUTRAL

PANELBOARD SCHEDULE

PANEL: 1L3 TYPE: NQOD VOLTS: 120/208 Wye PHASE: 3 WIRES: 4

MOUNTING: Surface LOCATION: SAT ELEC-1 137-1 M.L.O. FED FROM: 1LDP1 MAINS: AMP: 225 A

| BRANCH BREAKERS | | | | | | | | | | | | | | | |
|-----------------|------|------|-----------|----------|--------|---|---|--------|---|---|----------|-----------|------|------|------|
| ITEM | AMPS | POLE | WIRE SIZE | CIR. NO. | A | B | C | A | B | C | CIR. NO. | WIRE SIZE | POLE | AMPS | ITEM |
| Power | 20 A | 1 | 12 | 1 | 500 VA | | | 696 VA | | | 2 | 12 | 1 | | |

PANELBOARD SCHEDULE

PANEL: 2H1 TYPE: NF VOLTS: 480/277 Wye PHASE: 3 WIRES: 4

MOUNTING: Surface LOCATION: ELEC-1 250-1 M.L.O.

FED FROM: 2HDP1 MAINS:

AMP: 400 A

| BRANCH BREAKERS | | | | | | | | | | | | | | | |
|------------------------|------|------|-----------|----------|----------|---|---|----------|---|---|----------|-----------|------|------|---------------------------------|
| ITEM | AMPS | POLE | WIRE SIZE | CIR. NO. | A | B | C | A | B | C | CIR. NO. | WIRE SIZE | POLE | AMPS | ITEM |
| Lighting | 20 A | 1 | 12 | 1 | 1160 VA | | | 957 VA | | | 2 | 12 | 1 | 20 A | Lighting JAN-1 166-1 |
| Lighting DRESSING ROOM | 20 A | 1 | 12 | 3 | | | | 732 VA | | | 4 | 12 | 1 | 20 A | Lighting CORRIDOR 176 |
| Other | 20 A | 1 | 12 | 5 | | | | 18 VA | | | 6 | 12 | 1 | 20 A | Other |
| Other | 20 A | 1 | 12 | 7 | 2798 VA | | | 640 VA | | | 8 | 12 | 1 | 20 A | Lighting |
| Lighting Area C Lobby | 20 A | 1 | 12 | 9 | | | | 488 VA | | | 10 | 12 | 1 | 20 A | Lighting STUDIO THEATRE-2 180-2 |
| Lighting | 20 A | 1 | 12 | 11 | | | | 1152 VA | | | 12 | 12 | 1 | 20 A | Lighting |
| T2 | 0 A | 3 | 13 | 36510 VA | | | | 0 VA | | | 14 | 3 | 0 A | | TKZ |
| | | | | 15 | 31096 VA | | | 0 VA | | | 16 | | | | |
| | | | | 17 | | | | 33887 VA | | | 18 | | | | |
| P-6 | 20 A | 3 | 12 | 19 | 831 VA | | | 656 VA | | | 20 | 12 | 1 | 20 A | Lighting |
| | | | | 21 | | | | 831 VA | | | 22 | | | | SPACE ONLY |
| | | | | 23 | | | | 0 VA | | | 24 | | | | SPACE ONLY |
| SPARE | 20 A | 1 | 12 | 25 | 0 VA | | | 0 VA | | | 26 | | | | SPACE ONLY |
| SPARE | 20 A | 1 | 12 | 27 | 0 VA | | | 0 VA | | | 28 | | | | SPACE ONLY |
| SPARE | 20 A | 1 | 12 | 29 | 0 VA | | | 0 VA | | | 30 | | | | SPACE ONLY |
| SPARE | 20 A | 1 | 12 | 31 | 0 VA | | | 0 VA | | | 32 | | | | SPACE ONLY |
| SPARE | 20 A | 1 | 12 | 33 | 0 VA | | | 0 VA | | | 34 | | | | SPACE ONLY |
| SPARE | 20 A | 1 | 12 | 35 | 0 VA | | | 0 VA | | | 36 | | | | SPACE ONLY |
| SPACE ONLY | | | | 37 | 0 VA | | | 0 VA | | | 38 | | | | SPACE ONLY |
| SPACE ONLY | | | | 39 | 0 VA | | | 0 VA | | | 40 | | | | SPACE ONLY |
| SPACE ONLY | | | | 41 | 0 VA | | | 0 VA | | | 42 | | | | SPACE ONLY |
| TOTAL | | | | | 43552 | | | 36235 | | | 39197 | | | | |
| AMPS/PHASE | | | | | 159 A | | | 131 A | | | 143 A | | | | |

Legend: CONNECTED LOAD TOTAL 118484 VA EQUIP RATING AMPS RMS SYSM.

PANELBOARD SCHEDULE

PANEL: 2HE1 TYPE: NF VOLTS: 480/277 Wye PHASE: 3 WIRES: 4

MOUNTING: Surface LOCATION: ELEC-1 250-1 M.L.O.

FED FROM: EMDP MAINS:

AMP: 225 A

| BRANCH BREAKERS | | | | | | | | | | | | | | | |
|-----------------|------|------|-----------|----------|---------|---|---|---------|---|---|----------|-----------|------|------|-----------------------|
| ITEM | AMPS | POLE | WIRE SIZE | CIR. NO. | A | B | C | A | B | C | CIR. NO. | WIRE SIZE | POLE | AMPS | ITEM |
| TE2 | 0 A | 3 | 12 | 1 | 1440 VA | | | 900 VA | | | 2 | 12 | 1 | 20 A | Lighting CORRIDOR 175 |
| | | | | 3 | | | | 1699 VA | | | 4 | 12 | 1 | 20 A | Lighting |
| | | | | 5 | | | | 1080 VA | | | 6 | 12 | 1 | 20 A | Emergency Lighting |
| Lighting | 20 A | 1 | 12 | 7 | 2104 VA | | | 42 VA | | | 8 | 12 | 1 | 20 A | Emergency Lighting |
| SPACE ONLY | | | | 9 | 0 VA | | | 0 VA | | | 10 | | | | SPACE ONLY |
| SPACE ONLY | | | | 11 | 0 VA | | | 0 VA | | | 12 | | | | SPACE ONLY |
| SPARE | 20 A | 1 | 12 | 13 | 0 VA | | | 0 VA | | | 14 | | | | SPACE ONLY |
| SPARE | 20 A | 1 | 12 | 15 | 0 VA | | | 0 VA | | | 16 | | | | SPACE ONLY |
| SPARE | 20 A | 1 | 12 | 17 | 0 VA | | | 0 VA | | | 18 | | | | SPACE ONLY |
| SPARE | 20 A | 1 | 12 | 19 | 0 VA | | | 0 VA | | | 20 | | | | SPACE ONLY |
| SPARE | 20 A | 1 | 12 | 21 | 0 VA | | | 0 VA | | | 22 | | | | SPACE ONLY |
| SPARE | 20 A | 1 | 12 | 23 | 0 VA | | | 0 VA | | | 24 | | | | SPACE ONLY |
| SPACE ONLY | | | | 25 | 0 VA | | | 0 VA | | | 26 | | | | SPACE ONLY |
| SPACE ONLY | | | | 27 | 0 VA | | | 0 VA | | | 28 | | | | SPACE ONLY |
| SPACE ONLY | | | | 29 | 0 VA | | | 0 VA | | | 30 | | | | SPACE ONLY |
| SPACE ONLY | | | | 31 | 0 VA | | | 0 VA | | | 32 | | | | SPACE ONLY |
| SPACE ONLY | | | | 33 | 0 VA | | | 0 VA | | | 34 | | | | SPACE ONLY |
| SPACE ONLY | | | | 35 | 0 VA | | | 0 VA | | | 36 | | | | SPACE ONLY |
| SPACE ONLY | | | | 37 | 0 VA | | | 0 VA | | | 38 | | | | SPACE ONLY |
| SPACE ONLY | | | | 39 | 0 VA | | | 0 VA | | | 40 | | | | SPACE ONLY |
| SPACE ONLY | | | | 41 | 0 VA | | | 0 VA | | | 42 | | | | SPACE ONLY |
| TOTAL | | | | | 5245 | | | 1220 | | | 1140 | | | | |
| AMPS/PHASE | | | | | 19 A | | | 4 A | | | 4 A | | | | |

Legend: CONNECTED LOAD TOTAL 7605 VA EQUIP RATING AMPS RMS SYSM.

PANELBOARD SCHEDULE

PANEL: 2HM1 TYPE: NQOD VOLTS: 480/277 Wye PHASE: 3 WIRES: 4

MOUNTING: Surface LOCATION: ELEC-1 250-1 M.L.O.

FED FROM: 2HDP1 MAINS:

AMP: 400 A

| BRANCH BREAKERS | | | | | | | | | | | | | | | |
|-----------------|------|------|-----------|----------|----------|---|---|----------|---|---|----------|-----------|------|------|------------------------------|
| ITEM | AMPS | POLE | WIRE SIZE | CIR. NO. | A | B | C | A | B | C | CIR. NO. | WIRE SIZE | POLE | AMPS | ITEM |
| SF-1 | 80 A | 3 | 6 | 1 | 11085 VA | | | 11085 VA | | | 2 | 6 | 3 | 80 A | SF-2 |
| | | | | 3 | 11085 VA | | | 11085 VA | | | 4 | | | | Power |
| | | | | 5 | | | | 11085 VA | | | 6 | | | | Power DRESSING ROOM 177A |
| RLF-1 | 20 A | 3 | 12 | 7 | 3048 VA | | | 3048 VA | | | 8 | 12 | 3 | 20 A | RLF-2 |
| | | | | 9 | 3048 VA | | | 3048 VA | | | 10 | | | | Power DRESSING ROOM 177A |
| | | | | 11 | | | | 3048 VA | | | 12 | | | | Power DRESSING ROOM 177A |
| P-7 | 20 A | 3 | 12 | 13 | 942 VA | | | 1330 VA | | | 14 | 6 | 3 | 50 A | RLF-3 |
| | | | | 15 | 942 VA | | | 1330 VA | | | 16 | | | | Power DRESSING ROOM 177A |
| | | | | 17 | | | | 942 VA | | | 18 | | | | Power MEN'S RESTROOM-1 169-1 |
| P-8 | 20 A | 3 | 12 | 19 | 942 VA | | | 3048 VA | | | 20 | 12 | 3 | 20 A | SF-3 |
| | | | | 21 | 942 VA | | | 3048 VA | | | 22 | | | | UH-8 |
| | | | | 23 | | | | 3048 VA | | | 24 | | | | UH-7 |
| RLF-4 | 20 A | 3 | 10 | 25 | 3048 VA | | | 831 VA | | | 26 | 12 | 3 | 20 A | EF-1 |
| | | | | 27 | 3048 VA | | | 831 VA | | | 28 | | | | Power COMM 138 |
| | | | | 29 | | | | 3048 VA | | | 30 | | | | Power |
| SPARE | 20 A | 3 | 12 | 31 | 0 VA | | | 831 VA | | | 32 | 12 | 3 | 20 A | P-5 |
| | | | | 33 | 0 VA | | | 831 VA | | | 34 | | | | UH-3 |
| | | | | 35 | 0 VA | | | 0 VA | | | 36 | | | | SPARE |
| SPARE | 20 A | 1 | 12 | 37 | 0 VA | | | 0 VA | | | 38 | | | | SPARE |
| | | | | 39 | 0 VA | | | 0 VA | | | 40 | | | | SPARE |
| | | | | 41 | 0 VA | | | 0 VA | | | 42 | | | | SPARE |
| TOTAL | | | | | 39241 | | | 39241 | | | 39241 | | | | |
| AMPS/PHASE | | | | | 142 A | | | 142 A | | | 142 A | | | | |

Legend: CONNECTED LOAD TOTAL 117724 VA EQUIP RATING AMPS RMS SYSM.

PANELBOARD SCHEDULE

PANEL: 2L1 TYPE: NQOD VOLTS: 120/208 Wye PHASE: 3 WIRES: 4

MOUNTING: Surface LOCATION: ELEC-1 250-1 M.L.O.

FED FROM: 2LDP1 MAINS:

AMP: 225 A

| BRANCH BREAKERS | | | | | | | | | | | | | | | |
|----------------------------|------|------|-----------|----------|---------|---|---------|---------|---|---|----------|-----------|------|------|------------------------------|
| ITEM | AMPS | POLE | WIRE SIZE | CIR. NO. | A | B | C | A | B | C | CIR. NO. | WIRE SIZE | POLE | AMPS | ITEM |
| Power ACCOUNTS-1 159-1 | 20 A | 1 | 12 | 1 | 2400 VA | | | 1010 VA | | | 2 | 12 | 1 | 20 A | Power |
| Power Rooms 163-1 | 20 A | 1 | 12 | 3 | | | 720 VA | | | | 4 | 12 | 1 | 20 A | Power DRESSING ROOM 177A |
| Power PROD MANAGER-1 163-1 | 20 A | 1 | 12 | 5 | | | 720 VA | | | | 6 | 12 | 1 | 20 A | Power DRESSING ROOM 177A |
| Power | 20 A | 1 | 12 | 7 | 720 VA | | | 1500 VA | | | 8 | 12 | 1 | 20 A | Power DRESSING ROOM 177A |
| Power GREEN ROOM-3 167-3 | 20 A | 1 | 12 | 9 | | | 500 VA | | | | 10 | 12 | 1 | 20 A | Power DRESSING ROOM 177A |
| Power | 20 A | 1 | 12 | 11 | | | 540 VA | | | | 12 | 12 | 1 | 20 A | Power DRESSING ROOM 177A |
| Power DRESSING ROOM 177A | 20 A | 1 | 12 | 13 | 1500 VA | | | 680 VA | | | 14 | 12 | 1 | 20 A | Power DRESSING ROOM 177A |
| Power DRESSING ROOM 177A | 20 A | 1 | 12 | 15 | 1500 VA | | | 528 VA | | | 16 | 12 | 1 | 20 A | Power MEN'S RESTROOM-1 169-1 |
| Power | 20 A | 1 | 12 | 17 | | | 3000 VA | | | | 18 | 12 | 1 | 20 A | UH-8 |
| Power | 20 A | 1 | 12 | 19 | 3000 VA | | | 696 VA | | | 20 | 12 | 1 | 20 A | EF-7 |
| Power TICKETS-1 164-1 | 20 A | 1 | 12 | 21 | | | 3180 VA | | | | 22 | 12 | 1 | 20 A | GFU-3 |
| Power | 20 A | 1 | 12 | 23 | | | 1860 VA | | | | 24 | 10 | 2 | 20 A | AC-SA, SB |
| Power CORRIDOR-1 168-1 | 20 A | 1 | 12 | 25 | 1200 VA | | | 83 VA | | | 26 | | | | Power |
| Power | 20 A | 1 | 12 | 27 | | | 180 VA | | | | 28 | | | | Power COMM 138 |
| Power | 20 A | 1 | 12 | 29 | | | 1440 VA | | | | 30 | 12 | 1 | 20 A | Power |
| AH-3 | 20 A | 1 | 12 | 31 | 1820 VA | | | 600 VA | | | 32 | 12 | 1 | 20 A | ATC |
| UH-3 | 20 A | 1 | 12 | 33 | | | 528 VA | | | | 34 | | | | SPARE |
| SPARE | 20 A | 1 | 12 | 35 | | | 0 VA | | | | 36 | | | | SPARE |
| SPARE | 20 A | 1 | 12 | 37 | 0 VA | | | 0 VA | | | 38 | | | | SPARE |
| SPARE | 20 A | 1 | 12 | 39 | 0 VA | | | 0 VA | | | 40 | | | | SPARE |
| SPARE | 20 A | 1 | 12 | 41 | 0 VA | | | 0 VA | | | 42 | | | | SPARE |
| TOTAL | | | | | 15309 | | | 10672 | | | 12671 | | | | |
| AMPS/PHASE | | | | | 130 A | | | 89 A | | | 108 A | | | | |

Legend: CONNECTED LOAD TOTAL 38652 VA EQUIP RATING AMPS RMS SYSM.

PANELBOARD SCHEDULE

PANEL: 2L2 TYPE: NQOD VOLTS: 120/208 Wye PHASE: 3 WIRES: 4

MOUNTING: Surface LOCATION: ELEC-1 250-1 M.L.O.

FED FROM: 2LDP1 MAINS:

AMP: 225 A

| BRANCH BREAKERS | | | | | | | | | | | | | |
|-----------------|------|------|-----------|----------|---|--|--|--|--|--|--|--|--|
| ITEM | AMPS | POLE | WIRE SIZE | CIR. NO. | A | | | | | | | | |

E

D

C

B

A

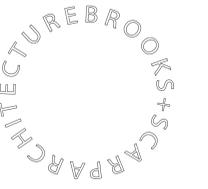
| PANELBOARD SCHEDULE | | | | | | | | | | | | | | | |
|---------------------|------|------------|-----------|------------------------|--------|----------|---|--------------|---|---|----------------------|----------------|------|------|------------|
| PANEL: ZLE1 | | TYPE: NQDD | | VOLTS: 120/208 Wye | | PHASE: 3 | | WIRES: 4 | | | | | | | |
| MOUNTING: Surface | | | | LOCATION: ELEC-1 250-1 | | | | MCB | | | | | | | |
| | | | | FED FROM: TE2 | | | | MAINS: | | | | | | | |
| | | | | AMP: 175 A | | | | | | | | | | | |
| BRANCH BREAKERS | | | | | | | | | | | | | | | |
| ITEM | AMPS | POLE | WIRE SIZE | CIR. NO. | A | B | C | A | B | C | CIR. NO. | WIRE SIZE | POLE | AMPS | ITEM |
| Power COMM-1 251-1 | 20 A | 1 | 12 | 1 | 720 VA | | | 0 VA | | | 2 | -- | 1 | 20 A | SPARE |
| Power COMM-1 251-1 | 20 A | 1 | 12 | 3 | 540 VA | | | 0 VA | | | 4 | -- | 1 | 20 A | SPARE |
| Power | 20 A | 1 | 12 | 5 | | 720 VA | | 0 VA | | | 6 | -- | 1 | 20 A | SPARE |
| Power COMM 138 | 20 A | 1 | 12 | 7 | 720 VA | | | 0 VA | | | 8 | -- | 1 | 20 A | SPARE |
| Power COMM 138 | 20 A | 1 | 12 | 9 | 360 VA | | | 0 VA | | | 10 | -- | 1 | 20 A | SPARE |
| Power COMM-1 251-1 | 20 A | 1 | 12 | 11 | | 360 VA | | 0 VA | | | 12 | -- | 1 | 20 A | SPARE |
| ELTS-2F | 50 A | 3 | 2 | 13 | 0 VA | | | 0 VA | | | 14 | -- | 1 | 20 A | SPARE |
| -- | -- | -- | -- | 15 | | 0 VA | | 0 VA | | | 16 | -- | 1 | 20 A | SPARE |
| -- | -- | -- | -- | 17 | | 0 VA | | 0 VA | | | 18 | -- | 1 | 20 A | SPARE |
| SPARE | 20 A | 1 | -- | 19 | 0 VA | | | 0 VA | | | 20 | -- | -- | -- | SPACE ONLY |
| SPARE | 20 A | 1 | -- | 21 | 0 VA | | | 0 VA | | | 22 | -- | -- | -- | SPACE ONLY |
| SPARE | 20 A | 1 | -- | 23 | | 0 VA | | 0 VA | | | 24 | -- | -- | -- | SPACE ONLY |
| SPARE | 20 A | 1 | -- | 25 | 0 VA | | | 0 VA | | | 26 | -- | -- | -- | SPACE ONLY |
| SPARE | 20 A | 1 | -- | 27 | | 0 VA | | 0 VA | | | 28 | -- | -- | -- | SPACE ONLY |
| SPARE | 20 A | 1 | -- | 29 | | 0 VA | | 0 VA | | | 30 | -- | -- | -- | SPACE ONLY |
| SPACE ONLY | -- | -- | -- | 31 | 0 VA | | | 0 VA | | | 32 | -- | -- | -- | SPACE ONLY |
| SPACE ONLY | -- | -- | -- | 33 | | 0 VA | | 0 VA | | | 34 | -- | -- | -- | SPACE ONLY |
| SPACE ONLY | -- | -- | -- | 35 | | 0 VA | | 0 VA | | | 36 | -- | -- | -- | SPACE ONLY |
| SPACE ONLY | -- | -- | -- | 37 | 0 VA | | | 0 VA | | | 38 | -- | -- | -- | SPACE ONLY |
| SPACE ONLY | -- | -- | -- | 39 | | 0 VA | | 0 VA | | | 40 | -- | -- | -- | SPACE ONLY |
| SPACE ONLY | -- | -- | -- | 41 | | 0 VA | | 0 VA | | | 42 | -- | -- | -- | SPACE ONLY |
| TOTAL | | | | 1440 | 900 VA | 1080 | | | | | CONNECTED LOAD TOTAL | | | | |
| AMPS/PHASE | | | | 12 A | 8 A | 9 A | | | | | 3420 VA | | | | |
| Legend: | | | | 200% NEUTRAL | | | | EQUIP RATING | | | | AMPS RMS SYSM. | | | |

and PARTNERS



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stamp



DFCM approval stamp

Revisions

| | |
|--------------|------------|
| Addendum #03 | 06/10/2014 |
| Addendum #06 | 06/25/2014 |
| Addendum #07 | 07/08/2014 |

date: 28 May 2014

DFCM project no: 12218730

Bid Documents

Southern Utah University
Beverley Taylor Sorenson Center for the Arts
Utah Shakespeare Festival Facility
Cedar City, Utah

Panelboard Schedules
U-EX505

PANELBOARD SCHEDULE

PANEL: PB-1F TYPE: NQOD VOLTS: 120/208 Wye PHASE: 3 WIRES: 4

MOUNTING: Surface LOCATION: MLO

FED FROM: AMP: 100 A MAINS:

| BRANCH BREAKERS | | | | | | | | | | | | | | | | | |
|-----------------|------|------|-----------|----------|--------|--------|--------|------|---|---|----------|-----------|----------------------|------|------------|--|--|
| ITEM | AMPS | POLE | WIRE SIZE | CIR. NO. | A | B | C | A | B | C | CIR. NO. | WIRE SIZE | POLE | AMPS | ITEM | | |
| OD-SP | 20 A | 1 | -- | 1 | 0 VA | | | 0 VA | | | 2 | -- | 1 | 20 A | OD-SP | | |
| OD-SP | 20 A | 1 | -- | 3 | 0 VA | | | 0 VA | | | 4 | -- | 1 | 20 A | OD-SP | | |
| OD-SP | 20 A | 1 | -- | 5 | 0 VA | | | 0 VA | | | 6 | -- | 1 | 20 A | OD-SP | | |
| OD-SP | 20 A | 1 | -- | 7 | 0 VA | | | 0 VA | | | 8 | -- | 1 | 20 A | OD-SP | | |
| OD-SP | 20 A | 1 | -- | 9 | 0 VA | | | 0 VA | | | 10 | -- | 1 | 20 A | OD-SP | | |
| OD-SP | 20 A | 1 | -- | 11 | 0 VA | | | 0 VA | | | 12 | -- | 1 | 20 A | OD-SP | | |
| OD-SP | 20 A | 2 | -- | 13 | 0 VA | | | 0 VA | | | 14 | -- | 2 | 20 A | OD-SP | | |
| OD-SP | 20 A | 2 | -- | 15 | 0 VA | | | 0 VA | | | 16 | -- | 2 | 20 A | OD-SP | | |
| OD-SP | 20 A | 2 | -- | 17 | 0 VA | | | 0 VA | | | 18 | -- | 2 | 20 A | OD-SP | | |
| Power Space 019 | 20 A | 1 | 10 | 21 | 720 VA | | | 0 VA | | | 22 | -- | 1 | 20 A | SPARE | | |
| SPARE | 20 A | 1 | -- | 25 | 0 VA | | | 0 VA | | | 26 | -- | 1 | 20 A | SPARE | | |
| SPARE | 20 A | 1 | -- | 27 | 0 VA | | | 0 VA | | | 28 | -- | 1 | 20 A | SPARE | | |
| SPARE | 20 A | 1 | -- | 29 | 0 VA | | | 0 VA | | | 30 | -- | 1 | 20 A | SPARE | | |
| SPARE | 20 A | 1 | -- | 31 | 0 VA | | | 0 VA | | | 32 | -- | 1 | 20 A | SPARE | | |
| SPARE | 20 A | 1 | -- | 33 | 0 VA | | | 0 VA | | | 34 | -- | 1 | 20 A | SPACE ONLY | | |
| SPARE | 20 A | 1 | -- | 35 | 0 VA | | | 0 VA | | | 36 | -- | 1 | 20 A | SPACE ONLY | | |
| SPACE ONLY | -- | -- | -- | 37 | 0 VA | | | 0 VA | | | 38 | -- | 1 | 20 A | SPACE ONLY | | |
| SPACE ONLY | -- | -- | -- | 39 | 0 VA | | | 0 VA | | | 40 | -- | 1 | 20 A | SPACE ONLY | | |
| SPACE ONLY | -- | -- | -- | 41 | 0 VA | | | 0 VA | | | 42 | -- | 1 | 20 A | SPACE ONLY | | |
| TOTAL | | | | | 0 VA | 720 VA | 540 VA | | | | | | CONNECTED LOAD TOTAL | | | | |
| AMPS/PHASE | | | | | 0 A | 7 A | 5 A | | | | | | 1280 VA | | | | |

Legend: 200% NEUTRAL EQUIP RATING AMPS RMS SYSM.

PANELBOARD SCHEDULE

PANEL: PB-2F TYPE: NQOD VOLTS: 120/208 Wye PHASE: 3 WIRES: 4

MOUNTING: Surface LOCATION: MLO

FED FROM: AMP: 100 A MAINS:

| BRANCH BREAKERS | | | | | | | | | | | | | | | | | |
|---------------------|------|------|-----------|----------|---------|-------|------|---------|---|---|----------|-----------|----------------------|------|---------------------|--|--|
| ITEM | AMPS | POLE | WIRE SIZE | CIR. NO. | A | B | C | A | B | C | CIR. NO. | WIRE SIZE | POLE | AMPS | ITEM | | |
| OD-SP | 20 A | 1 | -- | 1 | 0 VA | | | 0 VA | | | 2 | -- | 1 | 20 A | OD-SP | | |
| OD-SP | 20 A | 1 | -- | 3 | 0 VA | | | 0 VA | | | 4 | -- | 1 | 20 A | OD-SP | | |
| OD-SP | 20 A | 1 | -- | 5 | 0 VA | | | 0 VA | | | 6 | -- | 1 | 20 A | OD-SP | | |
| OD-SP | 20 A | 1 | -- | 7 | 0 VA | | | 0 VA | | | 8 | -- | 1 | 20 A | OD-SP | | |
| OD-SP | 20 A | 1 | -- | 9 | 0 VA | | | 0 VA | | | 10 | -- | 1 | 20 A | OD-SP | | |
| OD-SP | 20 A | 1 | -- | 11 | 0 VA | | | 0 VA | | | 12 | -- | 1 | 20 A | OD-SP | | |
| OD-SP | 20 A | 2 | -- | 13 | 0 VA | | | 0 VA | | | 14 | -- | 2 | 20 A | OD-SP | | |
| OD-SP | 20 A | 2 | -- | 15 | 0 VA | | | 0 VA | | | 16 | -- | 2 | 20 A | OD-SP | | |
| OD-SP | 20 A | 2 | -- | 17 | 0 VA | | | 0 VA | | | 18 | -- | 2 | 20 A | OD-SP | | |
| Power TRAP AREA 009 | 20 A | 1 | 10 | 21 | 1920 VA | | | 1920 VA | | | 22 | 10 | 1 | 20 A | Power TRAP AREA 009 | | |
| Power TRAP AREA 009 | 20 A | 1 | 10 | 23 | 1920 VA | | | 1920 VA | | | 24 | 10 | 1 | 20 A | Power TRAP AREA 009 | | |
| Power | 20 A | 1 | 10 | 25 | 1920 VA | | | 1920 VA | | | 26 | 10 | 1 | 20 A | Power BACKSTAGE 102 | | |
| Power | 20 A | 1 | 10 | 27 | 1920 VA | | | 1920 VA | | | 28 | 10 | 1 | 20 A | Power | | |
| Power | 20 A | 1 | 10 | 29 | 1920 VA | | | 1920 VA | | | 30 | 10 | 1 | 20 A | Power | | |
| Power | 20 A | 1 | 10 | 31 | 360 VA | | | 1920 VA | | | 32 | 10 | 1 | 20 A | CPS 102 | | |
| Power | 20 A | 1 | 10 | 33 | 720 VA | | | 1920 VA | | | 34 | 10 | 1 | 20 A | CPS 102 | | |
| SPARE | 20 A | 1 | -- | 35 | 0 VA | | | 0 VA | | | 36 | -- | 1 | 20 A | SPARE | | |
| SPARE | 20 A | 1 | -- | 37 | 0 VA | | | 0 VA | | | 38 | -- | 1 | 20 A | SPARE | | |
| SPARE | 20 A | 1 | -- | 39 | 0 VA | | | 0 VA | | | 40 | -- | 1 | 20 A | SPARE | | |
| SPARE | 20 A | 1 | -- | 41 | 0 VA | | | 0 VA | | | 42 | -- | 1 | 20 A | SPARE | | |
| TOTAL | | | | | 6120 | 16320 | 7680 | | | | | | CONNECTED LOAD TOTAL | | | | |
| AMPS/PHASE | | | | | 51 A | 88 A | 66 A | | | | | | 24120 VA | | | | |

Legend: 200% NEUTRAL EQUIP RATING AMPS RMS SYSM.

PANELBOARD SCHEDULE

PANEL: PB-3F TYPE: NQOD VOLTS: 120/208 Wye PHASE: 3 WIRES: 4

MOUNTING: Surface LOCATION: SCENERY STAGING 230

FED FROM: AMP: 100 A MAINS:

| BRANCH BREAKERS | | | | | | | | | | | | | | | | | |
|--------------------|------|------|-----------|----------|--------|------|--------|--------|---|---|----------|-----------|----------------------|------|---------------------------|--|--|
| ITEM | AMPS | POLE | WIRE SIZE | CIR. NO. | A | B | C | A | B | C | CIR. NO. | WIRE SIZE | POLE | AMPS | ITEM | | |
| OD-SP | 20 A | 1 | -- | 1 | 0 VA | | | 0 VA | | | 2 | -- | 1 | 20 A | OD-SP | | |
| OD-SP | 20 A | 1 | -- | 3 | 0 VA | | | 0 VA | | | 4 | -- | 1 | 20 A | OD-SP | | |
| OD-SP | 20 A | 1 | -- | 5 | 0 VA | | | 0 VA | | | 6 | -- | 1 | 20 A | OD-SP | | |
| OD-SP | 20 A | 1 | -- | 7 | 0 VA | | | 0 VA | | | 8 | -- | 1 | 20 A | OD-SP | | |
| OD-SP | 20 A | 1 | -- | 9 | 0 VA | | | 0 VA | | | 10 | -- | 1 | 20 A | OD-SP | | |
| OD-SP | 20 A | 1 | -- | 11 | 0 VA | | | 0 VA | | | 12 | -- | 1 | 20 A | OD-SP | | |
| OD-SP | 20 A | 2 | -- | 13 | 0 VA | | | 0 VA | | | 14 | -- | 2 | 20 A | OD-SP | | |
| OD-SP | 20 A | 2 | -- | 15 | 0 VA | | | 0 VA | | | 16 | -- | 2 | 20 A | OD-SP | | |
| OD-SP | 20 A | 2 | -- | 17 | 0 VA | | | 0 VA | | | 18 | -- | 2 | 20 A | OD-SP | | |
| Power CORRIDOR 232 | 20 A | 1 | 12 | 21 | 720 VA | | | 500 VA | | | 22 | 10 | 1 | 20 A | Power SCENERY STAGING 230 | | |
| Power Space 155AA | 20 A | 1 | 12 | 23 | 720 VA | | | 0 VA | | | 24 | -- | 3 | 20 A | ER-IF | | |
| SPARE | 20 A | 1 | -- | 25 | 0 VA | | | 0 VA | | | 26 | -- | 1 | 20 A | SPARE | | |
| SPARE | 20 A | 1 | -- | 27 | 0 VA | | | 0 VA | | | 28 | -- | 1 | 20 A | SPARE | | |
| SPARE | 20 A | 1 | -- | 29 | 0 VA | | | 0 VA | | | 30 | -- | 1 | 20 A | SPARE | | |
| SPARE | 20 A | 1 | -- | 31 | 0 VA | | | 0 VA | | | 32 | -- | 1 | 20 A | SPARE | | |
| SPARE | 20 A | 1 | -- | 33 | 0 VA | | | 0 VA | | | 34 | -- | 1 | 20 A | SPACE ONLY | | |
| SPARE | 20 A | 1 | -- | 35 | 0 VA | | | 0 VA | | | 36 | -- | 1 | 20 A | SPACE ONLY | | |
| SPACE ONLY | -- | -- | -- | 37 | 0 VA | | | 0 VA | | | 38 | -- | 1 | 20 A | SPACE ONLY | | |
| SPACE ONLY | -- | -- | -- | 39 | 0 VA | | | 0 VA | | | 40 | -- | 1 | 20 A | SPACE ONLY | | |
| SPACE ONLY | -- | -- | -- | 41 | 0 VA | | | 0 VA | | | 42 | -- | 1 | 20 A | SPACE ONLY | | |
| TOTAL | | | | | 0 VA | 1220 | 720 VA | | | | | | CONNECTED LOAD TOTAL | | | | |
| AMPS/PHASE | | | | | 0 A | 11 A | 7 A | | | | | | 1940 VA | | | | |

Legend: 200% NEUTRAL EQUIP RATING AMPS RMS SYSM.

PANELBOARD SCHEDULE

PANEL: PB-4F TYPE: NQOD VOLTS: 120/208 Wye PHASE: 3 WIRES: 4

MOUNTING: Surface LOCATION: MLO

FED FROM: AMP: 100 A MAINS:

| BRANCH BREAKERS | | | | | | | | | | | | | | | | | |
|-----------------|------|------|-----------|----------|---------|-------|-------|---------|---|---|----------|-----------|----------------------|------|-------|--|--|
| ITEM | AMPS | POLE | WIRE SIZE | CIR. NO. | A | B | C | A | B | C | CIR. NO. | WIRE SIZE | POLE | AMPS | ITEM | | |
| OD-SP | 20 A | 1 | -- | 1 | 0 VA | | | 0 VA | | | 2 | -- | 1 | 20 A | OD-SP | | |
| OD-SP | 20 A | 1 | -- | 3 | 0 VA | | | 0 VA | | | 4 | -- | 1 | 20 A | OD-SP | | |
| OD-SP | 20 A | 1 | -- | 5 | 0 VA | | | 0 VA | | | 6 | -- | 1 | 20 A | OD-SP | | |
| OD-SP | 20 A | 1 | -- | 7 | 0 VA | | | 0 VA | | | 8 | -- | 1 | 20 A | OD-SP | | |
| OD-SP | 20 A | 1 | -- | 9 | 0 VA | | | 0 VA | | | 10 | -- | 1 | 20 A | OD-SP | | |
| OD-SP | 20 A | 1 | -- | 11 | 0 VA | | | 0 VA | | | 12 | -- | 1 | 20 A | OD-SP | | |
| OD-SP | 20 A | 2 | -- | 13 | 0 VA | | | 0 VA | | | 14 | -- | 2 | 20 A | OD-SP | | |
| OD-SP | 20 A | 2 | -- | 15 | 0 VA | | | 0 VA | | | 16 | -- | 2 | 20 A | OD-SP | | |
| OD-SP | 20 A | 2 | -- | 17 | 0 VA | | | 0 VA | | | 18 | -- | 2 | 20 A | OD-SP | | |
| Power | 20 A | 1 | 12 | 21 | 1920 VA | | | 1920 VA | | | 22 | 12 | 1 | 20 A | Power | | |
| Power | 20 A | 1 | 12 | 23 | 1920 VA | | | 1920 VA | | | 24 | 12 | 1 | 20 A | Power | | |
| Power | 20 A | 1 | 12 | 25 | 1920 VA | | | 1920 VA | | | 26 | 12 | 1 | 20 A | Power | | |
| Power | 20 A | 1 | 12 | 27 | 1920 VA | | | 1920 VA | | | 28 | 12 | 1 | 20 A | Power | | |
| Power | 20 A | 1 | 12 | 29 | 1920 VA | | | 1920 VA | | | 30 | 12 | 1 | 20 A | Power | | |
| Power | 20 A | 1 | 12 | 31 | 1920 VA | | | 1920 VA | | | 32 | 12 | 1 | 20 A | Power | | |
| Power | 20 A | 1 | 12 | 33 | 1920 VA | | | 1920 VA | | | 34 | 12 | 1 | 20 A | Power | | |
| Power | 20 A | 1 | 12 | 35 | 1920 VA | | | 1920 VA | | | 36 | 12 | 1 | 20 A | Power | | |
| Power | 20 A | 1 | 12 | 37 | 1920 VA | | | 1920 VA | | | 38 | 12 | 1 | 20 A | Power | | |
| Power | 20 A | 1 | 12 | 39 | 1920 VA | | | 1920 VA | | | 40 | 12 | 1 | 20 A | Power | | |
| SPARE | 20 A | 1 | -- | 41 | 0 VA | | | 0 VA | | | 42 | -- | 1 | 20 A | Power | | |
| TOTAL | | | | | 11520 | 15360 | 13440 | | | | | | CONNECTED LOAD TOTAL | | | | |
| AMPS/PHASE | | | | | 96 A | 130 A | 114 A | | | | | | 40320 VA | | | | |

Legend: 200% NEUTRAL EQUIP RATING AMPS RMS SYSM.

PANELBOARD SCHEDULE

PANEL: PB-5F TYPE: NQOD VOLTS: 120/208 Wye PHASE: 3 WIRES: 4

MOUNTING: Surface LOCATION: STAIR 203

FED FROM: AMP: 100 A MAINS:

| BRANCH BREAKERS | | | | | | | | | | | | | | | |
|-----------------|------|------|-----------|----------|---------|---|---|---------|---|---|----------|-----------|------|------|------------|
| ITEM | AMPS | POLE | WIRE SIZE | CIR. NO. | A | B | C | A | B | C | CIR. NO. | WIRE SIZE | POLE | AMPS | ITEM |
| RS 101 | 20 A | 1 | 10 | 1 | 1920 VA | | | 1920 VA | | | 2 | 10 | 1 | 20 A | RS 101 |
| RS 101 | 20 A | 1 | 10 | 3 | 1920 VA | | | 1920 VA | | | 4 | 10 | 1 | 20 A | RS 101 |
| Power | 20 A | 1 | 10 | 5 | 1920 VA | | | 1920 VA | | | 6 | 10 | 1 | 20 A | Power |
| Power | 20 A | 1 | 10 | 7 | 1920 VA | | | 1920 VA | | | 8 | 10 | 1 | 20 A | Power |
| Power | 20 A | 1 | 10 | 9 | 1920 VA | | | 1920 VA | | | 10 | 10 | 1 | 20 A | Power |
| CPS 101 | 20 A | 1 | 10 | 11 | 1920 VA | | | 1920 VA | | | 12 | 10 | 1 | 20 A | Power |
| CPS 101 | 20 A | 1 | 10 | 13 | 1920 VA | | | 1920 VA | | | 14 | 10 | 1 | 20 A | Power |
| SPARE | 20 A | 1 | -- | 15 | 0 VA | | | 0 VA | | | 16 | -- | 1 | 20 A | SPARE |
| SPARE | 20 A | 1 | -- | 17 | 0 VA | | | 0 VA | | | 18 | -- | 1 | 20 A | SPARE |
| SPARE | 20 A | 1 | -- | 19 | 0 VA | | | 0 VA | | | 20 | -- | 1 | 20 A | SPARE |
| SPARE | 20 A | 1 | -- | 21 | 0 VA | | | 0 VA | | | 22 | -- | 1 | 20 A | SPARE |
| SPARE | 20 A | 1 | -- | 23 | 0 VA | | | 0 VA | | | 24 | -- | 1 | 20 A | SPARE |
| SPARE | 20 A | 1 | -- | 25 | 0 VA | | | 0 VA | | | 26 | -- | 1 | 20 A | SPARE |
| SPACE ONLY | -- | -- | -- | 27 | 0 VA | | | 0 VA | | | 28 | -- | 1 | 20 A | SPACE ONLY |
| SPACE ONLY | -- | -- | -- | 29 | 0 VA | | | 0 VA | | | 30 | -- | 1 | 20 A | SPACE ONLY |
| SPACE ONLY | -- | -- | -- | 31 | 0 VA | | | 0 VA | | | 32 | -- | 1 | 20 A | SPACE ONLY |
| SPACE ONLY | -- | -- | -- | 33 | 0 VA | | | 0 VA | | | 34 | -- | | | |

PANELBOARD SCHEDULE

PANEL: PB-6Fa TYPE: NQOD VOLTS: 120/208 Wye PHASE: 3 WIRES: 4

MOUNTING: Surface LOCATION: CONTROL ROOM 249B MLO

FED FROM: MAINS: AMP: 100 A

| ITEM | AMPS | POLE | WIRE SIZE | CIR. NO. | A | B | C | A | B | C | CIR. NO. | WIRE SIZE | POLE | AMPS | ITEM |
|--------|------|------|-----------|----------|---|---|---|------|---|---|----------|-----------|------|------|--------|
| OD-201 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 2 | 1 | 0 VA | 20 A | OD-202 |
| OD-202 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 3 | 1 | 0 VA | 20 A | OD-203 |
| OD-203 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 4 | 1 | 0 VA | 20 A | OD-204 |
| OD-204 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 5 | 1 | 0 VA | 20 A | OD-205 |
| OD-205 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 6 | 1 | 0 VA | 20 A | OD-206 |
| OD-206 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 7 | 1 | 0 VA | 20 A | OD-207 |
| OD-207 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 8 | 1 | 0 VA | 20 A | OD-208 |
| OD-208 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 9 | 1 | 0 VA | 20 A | OD-209 |
| OD-209 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 10 | 1 | 0 VA | 20 A | OD-210 |
| OD-210 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 11 | 1 | 0 VA | 20 A | OD-211 |
| OD-211 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 12 | 1 | 0 VA | 20 A | OD-212 |
| OD-212 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 13 | 1 | 0 VA | 20 A | OD-213 |
| OD-213 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 14 | 1 | 0 VA | 20 A | OD-214 |
| OD-214 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 15 | 1 | 0 VA | 20 A | OD-215 |
| OD-215 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 16 | 1 | 0 VA | 20 A | OD-216 |
| OD-216 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 17 | 1 | 0 VA | 20 A | OD-217 |
| OD-217 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 18 | 1 | 0 VA | 20 A | OD-218 |
| OD-218 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 19 | 1 | 0 VA | 20 A | OD-219 |
| OD-219 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 20 | 1 | 0 VA | 20 A | OD-220 |
| OD-220 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 21 | 1 | 0 VA | 20 A | OD-221 |
| OD-221 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 22 | 1 | 0 VA | 20 A | OD-222 |
| OD-222 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 23 | 1 | 0 VA | 20 A | OD-223 |
| OD-223 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 24 | 1 | 0 VA | 20 A | OD-224 |
| OD-224 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 25 | 1 | 0 VA | 20 A | OD-225 |
| OD-225 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 26 | 1 | 0 VA | 20 A | OD-226 |
| OD-226 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 27 | 1 | 0 VA | 20 A | OD-227 |
| OD-227 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 28 | 1 | 0 VA | 20 A | OD-228 |
| OD-228 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 29 | 1 | 0 VA | 20 A | OD-229 |
| OD-229 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 30 | 1 | 0 VA | 20 A | OD-230 |
| OD-230 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 31 | 1 | 0 VA | 20 A | OD-231 |
| OD-231 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 32 | 1 | 0 VA | 20 A | OD-232 |
| OD-232 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 33 | 1 | 0 VA | 20 A | OD-233 |
| OD-233 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 34 | 1 | 0 VA | 20 A | OD-234 |
| OD-234 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 35 | 1 | 0 VA | 20 A | OD-235 |
| OD-235 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 36 | 1 | 0 VA | 20 A | OD-236 |
| OD-236 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 37 | 1 | 0 VA | 20 A | OD-237 |
| OD-237 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 38 | 1 | 0 VA | 20 A | OD-238 |
| OD-238 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 39 | 1 | 0 VA | 20 A | OD-239 |
| OD-239 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 40 | 1 | 0 VA | 20 A | OD-240 |
| OD-240 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 41 | 1 | 0 VA | 20 A | OD-241 |
| OD-241 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 42 | 1 | 0 VA | 20 A | OD-242 |
| OD-242 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 43 | 1 | 0 VA | 20 A | OD-243 |
| OD-243 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 44 | 1 | 0 VA | 20 A | OD-244 |
| OD-244 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 45 | 1 | 0 VA | 20 A | OD-245 |
| OD-245 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 46 | 1 | 0 VA | 20 A | OD-246 |
| OD-246 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 47 | 1 | 0 VA | 20 A | OD-247 |
| OD-247 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 48 | 1 | 0 VA | 20 A | OD-248 |
| OD-248 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 49 | 1 | 0 VA | 20 A | OD-249 |
| OD-249 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 50 | 1 | 0 VA | 20 A | OD-250 |
| OD-250 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 51 | 1 | 0 VA | 20 A | OD-251 |
| OD-251 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 52 | 1 | 0 VA | 20 A | OD-252 |
| OD-252 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 53 | 1 | 0 VA | 20 A | OD-253 |
| OD-253 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 54 | 1 | 0 VA | 20 A | OD-254 |
| OD-254 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 55 | 1 | 0 VA | 20 A | OD-255 |
| OD-255 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 56 | 1 | 0 VA | 20 A | OD-256 |
| OD-256 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 57 | 1 | 0 VA | 20 A | OD-257 |
| OD-257 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 58 | 1 | 0 VA | 20 A | OD-258 |
| OD-258 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 59 | 1 | 0 VA | 20 A | OD-259 |
| OD-259 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 60 | 1 | 0 VA | 20 A | OD-260 |
| OD-260 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 61 | 1 | 0 VA | 20 A | OD-261 |
| OD-261 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 62 | 1 | 0 VA | 20 A | OD-262 |
| OD-262 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 63 | 1 | 0 VA | 20 A | OD-263 |
| OD-263 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 64 | 1 | 0 VA | 20 A | OD-264 |
| OD-264 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 65 | 1 | 0 VA | 20 A | OD-265 |
| OD-265 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 66 | 1 | 0 VA | 20 A | OD-266 |
| OD-266 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 67 | 1 | 0 VA | 20 A | OD-267 |
| OD-267 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 68 | 1 | 0 VA | 20 A | OD-268 |
| OD-268 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 69 | 1 | 0 VA | 20 A | OD-269 |
| OD-269 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 70 | 1 | 0 VA | 20 A | OD-270 |
| OD-270 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 71 | 1 | 0 VA | 20 A | OD-271 |
| OD-271 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 72 | 1 | 0 VA | 20 A | OD-272 |
| OD-272 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 73 | 1 | 0 VA | 20 A | OD-273 |
| OD-273 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 74 | 1 | 0 VA | 20 A | OD-274 |
| OD-274 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 75 | 1 | 0 VA | 20 A | OD-275 |
| OD-275 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 76 | 1 | 0 VA | 20 A | OD-276 |
| OD-276 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 77 | 1 | 0 VA | 20 A | OD-277 |
| OD-277 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 78 | 1 | 0 VA | 20 A | OD-278 |
| OD-278 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 79 | 1 | 0 VA | 20 A | OD-279 |
| OD-279 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 80 | 1 | 0 VA | 20 A | OD-280 |
| OD-280 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 81 | 1 | 0 VA | 20 A | OD-281 |
| OD-281 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 82 | 1 | 0 VA | 20 A | OD-282 |
| OD-282 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 83 | 1 | 0 VA | 20 A | OD-283 |
| OD-283 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 84 | 1 | 0 VA | 20 A | OD-284 |
| OD-284 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 85 | 1 | 0 VA | 20 A | OD-285 |
| OD-285 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 86 | 1 | 0 VA | 20 A | OD-286 |
| OD-286 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 87 | 1 | 0 VA | 20 A | OD-287 |
| OD-287 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 88 | 1 | 0 VA | 20 A | OD-288 |
| OD-288 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 89 | 1 | 0 VA | 20 A | OD-289 |
| OD-289 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 90 | 1 | 0 VA | 20 A | OD-290 |
| OD-290 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 91 | 1 | 0 VA | 20 A | OD-291 |
| OD-291 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 92 | 1 | 0 VA | 20 A | OD-292 |
| OD-292 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 93 | 1 | 0 VA | 20 A | OD-293 |
| OD-293 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 94 | 1 | 0 VA | 20 A | OD-294 |
| OD-294 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 95 | 1 | 0 VA | 20 A | OD-295 |
| OD-295 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 96 | 1 | 0 VA | 20 A | OD-296 |
| OD-296 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 97 | 1 | 0 VA | 20 A | OD-297 |
| OD-297 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 98 | 1 | 0 VA | 20 A | OD-298 |
| OD-298 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 99 | 1 | 0 VA | 20 A | OD-299 |
| OD-299 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 100 | 1 | 0 VA | 20 A | OD-300 |
| OD-300 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 101 | 1 | 0 VA | 20 A | OD-301 |
| OD-301 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 102 | 1 | 0 VA | 20 A | OD-302 |
| OD-302 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 103 | 1 | 0 VA | 20 A | OD-303 |
| OD-303 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 104 | 1 | 0 VA | 20 A | OD-304 |
| OD-304 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 105 | 1 | 0 VA | 20 A | OD-305 |
| OD-305 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 106 | 1 | 0 VA | 20 A | OD-306 |
| OD-306 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 107 | 1 | 0 VA | 20 A | OD-307 |
| OD-307 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 108 | 1 | 0 VA | 20 A | OD-308 |
| OD-308 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 109 | 1 | 0 VA | 20 A | OD-309 |
| OD-309 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 110 | 1 | 0 VA | 20 A | OD-310 |
| OD-310 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 111 | 1 | 0 VA | 20 A | OD-311 |
| OD-311 | 20 A | 3 | 1 | 0 VA | | | | 0 VA | | | 112 | 1 | 0 VA | 20 A | OD-312 |

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DIAGRAM 1 100A COMPANY SWITCH
SCALE: 1" = 1'-0"

200A COMPANY SWITCH
ETC #PSP-200-SR OR
LEX #CS-200F-C5DB1-BLK

DIAGRAM 2 200A COMPANY SWITCH
SCALE: 1" = 1'-0"

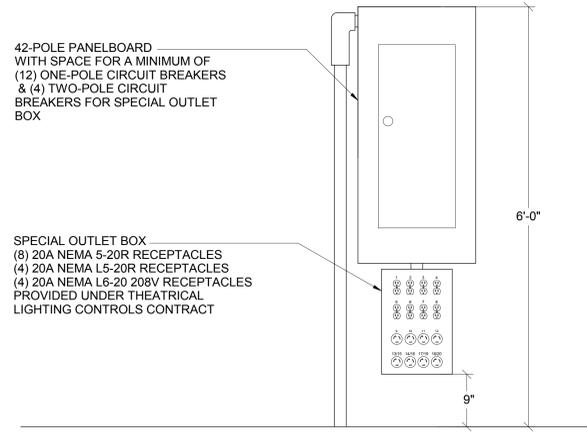


DIAGRAM 3 PANELBOARD W/ SPECIAL OUTLET BOX
SCALE: 1" = 1'-0"

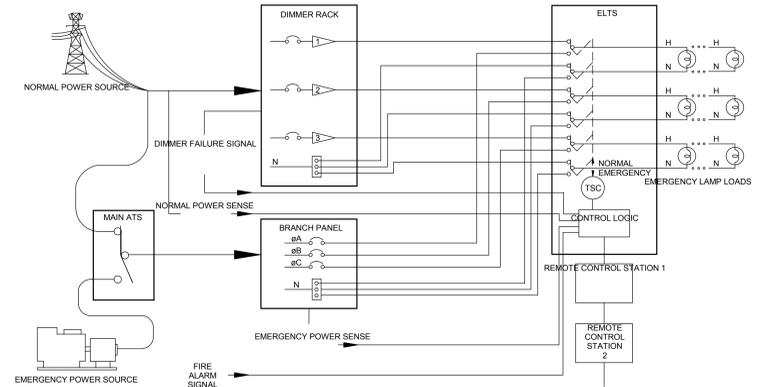


DIAGRAM 4 EMERGENCY LIGHTING TRANSFER SWITCH (ELTS) SCHEMATIC
NTS

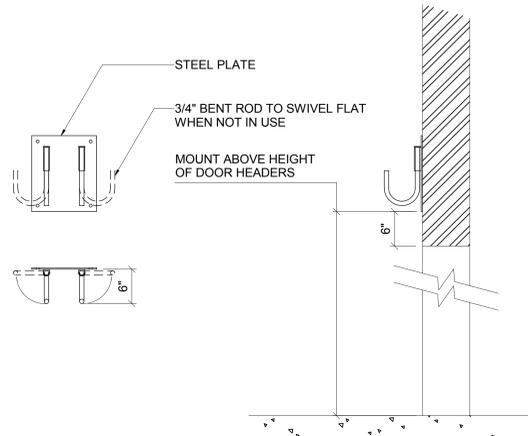


DIAGRAM 6 CABLE HOOK
SCALE: 1" = 1'-0"

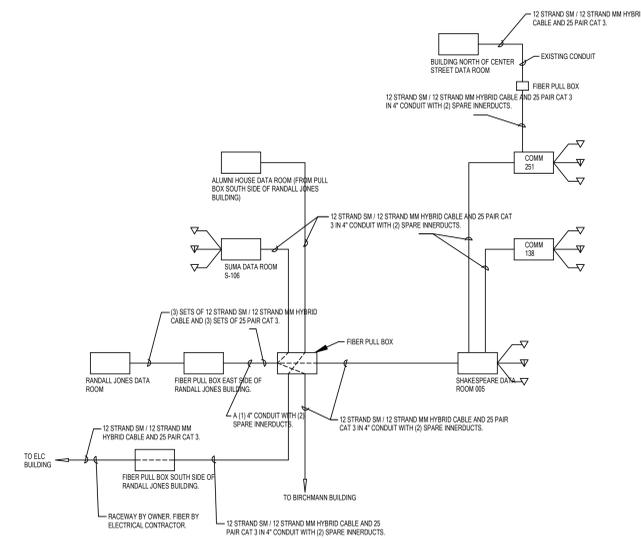


DIAGRAM 7 FIRE RISER DIAGRAM
NTS

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stamp



DFCM approval stamp

Revisions

Addendum #07 07/08/2014

date: 28 May 2014
DFCM project no: 12218730
Bid Documents

Southern Utah University
Beverly Taylor Sorenson
Center for the Arts
Utah Shakespeare Festival Facility
Cedar City, Utah

Electrical
Diagrams
U-EX605

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1 A/V SITE PLAN
1" = 30'-0"

GENERAL NOTES:

- EXACT SPEAKER LOCATIONS TO BE COORDINATED WITH ARCHITECT ON SITE PRIOR TO ROUGH-IN. WRITTEN APPROVAL FROM THE ARCHITECT OF PROPOSED LOCATIONS IS REQUIRED PRIOR TO ROUGH-IN.
- CONDUIT & CABLING NECESSARY FOR SPEAKERS TO BE PROVIDED AS A PART OF THE BASE BID. INSTALLATION OF IN-GROUND SPEAKERS TO BE A PART OF BID ALTERNATE #2.

KEYED NOTES

- PROVIDE & INSTALL KEYSWITCH IN ABOVE GROUND PEDESTAL POLISHED STAINLESS STEEL PEDOC 5x5 HINGE TOP
- ELECTRICAL CONTRACTOR TO PROVIDE & INSTALL FLOOR BOX A/V INTEGRATOR TO TERMINATE UTP CABLE IN FLOOR BOX FOR DANTE STAGE BOX CONNECTION.

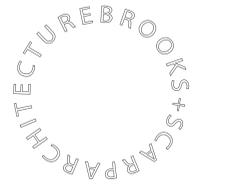
SYMBOL LEGEND

| SYMBOL | SYMBOL I.D. | DESCRIPTION |
|--------|-------------|--------------------------------------|
| | CA-1 | EQUIPMENT CABINET, BASEMENT |
| | CA-2 | EQUIPMENT CABINET, PORTABLE |
| | CA-3 | EQUIPMENT CABINET, CONTROL BOOTH |
| | CA-4 | EQUIPMENT CABINET, REHEARSAL HALL |
| | CA-5 | EQUIPMENT CABINET, STUDIO THEATER |
| | CA-6 | EQUIPMENT CABINET, STAGE BOX |
| | FB | FLOOR BOX |
| | A | MICROPHONE & AUXILIARY INPUT |
| | I | WINDOW INTERCOM |
| | IC | PRODUCTION INTERCOM, OUTLET HEIGHT |
| | CC | CABLE CUBBY |
| | PRES | PRESS JACK |
| | CAM | IP INFRARED CAMERA |
| | SP | CEILING SPEAKER JACK |
| | SP6 | 6" CEILING SPEAKER |
| | SP6W | 6" CEILING SPEAKER, WATER RESISTANT |
| | G | GROUND SPEAKER |
| | FR | COLUMN ARRAY SPEAKERS |
| | FRD | DOUBLE COLUMN ARRAY SPEAKERS |
| | SUB | SUBWOOFER SPEAKERS |
| | FF | FRONT FILL SPEAKERS |
| | AF | CENTER SPEAKERS |
| | AW | CEILING EFFECT SPEAKERS & SUBWOOFERS |
| | P | PERIMETER SPEAKERS |
| | UB | UNDER BALCONY SPEAKERS |
| | S | UNDER BROW, SURROUND SPEAKERS |
| | 12XT | SPEAKERS, REHEARSAL HALL |
| | CFR | SPEAKERS, FOUNDER'S ROOM |
| | W | WIRELESS MICROPHONE ANTENNA |
| | ALS | ASSISTED LISTENING SYSTEM |

and
blalock
PARTNERS



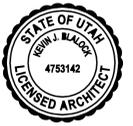
307 West 200 South Suite 4003
Salt Lake City, UT 84101
801.532.4940



COEN+PARTNERS

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stamp



DFCM approval stamp

Revisions

| | |
|-------------|---------------|
| Addendum 01 | 2014, May 28 |
| Addendum 03 | 2014, June 10 |
| Addendum 05 | 2014, June 20 |
| Addendum 06 | 2014, June 25 |
| Addendum 07 | 2014, July 8 |

date: 28 May, 2014
DFCM project no: 12218730
Bid Documents

Southern Utah University
Beverly Taylor Sorenson
Center for the Arts
Utah Shakespeare Festival Facility
Cedar City, Utah

SOUND DESIGN
INTERNATIONAL
533 West 2600 South Bountiful, Utah 84010 | Phone: 801.298.1113
SDI JOB #: 2012-069 DATE: 25 JUNE 2014
DESIGNED BY: DAVID DROMMOND CHECKED BY: COLE DUKE DRAWN BY: MAGGIE TERRY
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SITE A/V PLAN
ET101

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| CABLE LIST | | | |
|------------|---|-----|---|
| SYM | DESCRIPTION | QTY | MANUFACTURER & MODEL NUMBER |
| (X)M | MICROPHONE CABLE, 22 AWG, (X) INDICATES # OF CABLES IF MORE THAN ONE 3/4" CONDUIT = 12 CABLES, 1" = 19, 1-1/4" = 35 | A/R | BELDEN 9451 WEST PENN 454 CABLE PROVIDED & INSTALLED BY A/V INTEGRATOR |
| (X)S | SPEAKER CABLE, 16 AWG, (X) INDICATES # OF CABLES IF MORE THAN ONE 3/4" CONDUIT = 3 CABLES, 1" = 6, 1-1/4" = 10 | A/R | BELDEN 8471 WEST PENN 225 CABLE PROVIDED & INSTALLED BY A/V INTEGRATOR |
| (X)S12 | CONDUIT & SPEAKER CABLE 12 AWG, (X) INDICATES # OF CABLES IF MORE THAN ONE 1" CONDUIT = 3, 1-1/4" = 5, 1-1/2" = 7 | A/R | BELDEN 8477 WEST PENN 227 CABLE PROVIDED & INSTALLED BY A/V INTEGRATOR |
| (X)A | LOW-LOSS ANTENNA CABLE, RG-8/U, (X) INDICATES # OF CABLES IF MORE THAN ONE 3/4" CONDUIT = 4 CABLES, 1" = 7, 1-1/4" = 13 | A/R | BELDEN 9913 WEST PENN 810 CABLE PROVIDED & INSTALLED BY A/V INTEGRATOR |
| (X)UTP | UNSHIELDED TWISTED PAIR, F/UTP CATEGORY 6E (X) INDICATES # OF CABLES IF MORE THAN ONE 3/4" CONDUIT = 4 CABLES, 1" = 8, 1-1/4" = 12 | A/R | BELDEN 2412 CAT 6e WEST PENN 4246 CAT 6e CABLE PROVIDED & INSTALLED BY A/V INTEGRATOR |
| (X)STP | SHIELDED TWISTED PAIR CABLE, SF/UTP CATEGORY 6, (X) INDICATES # OF CABLES IF MORE THAN ONE 3/4" CONDUIT = 4 CABLES, 1" = 8, 1-1/4" = 12 | A/R | BELDEN 7866ES PANDUIT NETKEY PSFL6004DG-KD CABLE PROVIDED & INSTALLED BY A/V INTEGRATOR |

| GENERAL A/V & DATA EQUIPMENT LIST | | | |
|-----------------------------------|------------------------------------|-----|--|
| SYMBOL I.D. | DESCRIPTION | QTY | MANUFACTURER & MODEL NUMBER |
| | POE SWITCH | 2 | SOUNDTUBE STNET-SWITCH W/ POWER SUPPLY |
| | TRANSIENT VOLTAGE SURGE SUPPRESSOR | 1 | SURGEX SX-AX20 |
| SP6 | IP LOUDSPEAKER, PERIMETER | 31 | SOUNDTUBE IP-CM62-BGM |

| OUTDOOR THEATER A/V & DATA EQUIPMENT LIST | | | |
|---|--|-----|---|
| SYMBOL I.D. | DESCRIPTION | QTY | MANUFACTURER & MODEL NUMBER |
| CA-1 | EQUIPMENT CABINET #1 | 1 | MIDDLE ATLANTIC SR-46-28 |
| CA-3 | EQUIPMENT CABINET, OUTDOOR THEATER | 1 | ATLAS SOUND 316-15 |
| CA-6 | EQUIPMENT CABINET, STAGE BOX | 1 | MIDDLE ATLANTIC RK-6 |
| | DIGITAL SIGNAL PROCESSOR | 1 | YAMAHA DME64N W/ MY16-CIM DANTE-MY 16-AUD, MY8-ADDA96, & MY16-AE |
| | AMPLIFIER W/ SIGNAL PROCESSING 4-CHANNEL, 1000 WATTS PER CHANNEL | 4 | L-ACOUSTICS LAX4 |
| | AMPLIFIER 8-CHANNEL, 600 WATTS PER CHANNEL | 1 | CROWN DCI 8I600 |
| AF | LOUDSPEAKER, CENTER | 4 | L-ACOUSTICS ARCS FOCUS |
| | RIGGING | 2 | L-ACOUSTICS WFO-BUMP |
| FF | LOUDSPEAKER, FRONT FILL | 3 | L-ACOUSTICS 8XTI |
| S | LOUDSPEAKERS, UNDER BROW, SURROUND | 12 | L-ACOUSTICS 8XTI |
| P | LOUDSPEAKER, PERIMETER | 6 | COMMUNITY W2-2WB |
| UB | LOUDSPEAKER, UNDER BALCONY | 9 | L-ACOUSTICS 5XT |
| AW | SUBWOOFER | 2 | L-ACOUSTICS SB28 |
| AW | LOUDSPEAKER, LEFT/RIGHT | 2 | L-ACOUSTICS ARCS WDE |
| | RIGGING | 2 | L-ACOUSTICS WFO-BUMP |
| SP | SPEAKER OUTPUT, LINE LEVEL | 4 | BALANCED TRS OUTPUT, STAINLESS STEEL PLATE LABEL "SPEAKER OUT" |
| | ASSISTIVE LISTENING SYSTEM | 2 | LISTEN LT-800 |
| | PRODUCTION INTERCOM | 1 | CLEAR COM RC52700 |
| | POWER SUPPLY | 1 | CLEAR COM PS704 & MS-704 |
| | REMOTE MAIN STATION | 2 | RM-704 |
| IC | WALL PLATE, PRODUCTION INTERCOM | 14 | CLEAR COM WP-2 |
| I | TICKET WINDOW INTERCOM | 6 | AIPHONE IMJ-100 |
| CAM | IR SAFETY CAMERA, COLOR | 3 | BOSCH NBN-498 OR APPROVED EQUAL |
| PRES | PRESS FEED OUTPUT, LINE LEVEL | 1 | (4) BALANCED TRS OUTPUTS, STAINLESS STEEL PLATE LABEL "PRESS OUT" |

| REHEARSAL HALL A/V & DATA EQUIPMENT LIST | | | |
|--|---|-----|-----------------------------|
| SYMBOL I.D. | DESCRIPTION | QTY | MANUFACTURER & MODEL NUMBER |
| CA-4 | EQUIPMENT CABINET, REHEARSAL HALL | 1 | MIDDLE ATLANTIC SR-46-28 |
| | DIGITAL SIGNAL PROCESSOR 12 INPUTS x 8 OUTPUTS | 1 | BSS BLU-100 |
| MA | MICROPHONE/AUXILIARY INPUT & WALL PLATE | 4 | RDL-DJ3 |
| R | REMOTE CONTROL 3" DEEP SINGLE GANG BOX @ ELECTRICAL SWITCH HEIGHT | 1 | BSS BLU-BV2 |
| 12XT | LOUDSPEAKERS, 12" | 4 | RENKUS HEINZ CFX121 |
| | AMPLIFIER, 2-CHANNEL, 800W PER CHANNEL | 1 | LAB GRUPPEN E8.2 |

| CONFERENCE ROOM 143 A/V & DATA EQUIPMENT LIST | | | |
|---|--|-----|---|
| SYMBOL I.D. | DESCRIPTION | QTY | MANUFACTURER & MODEL NUMBER |
| CC | CABLE CUBBY | 1 | EXTRON CABLE CUBBY 500 W/ CABLE RETRACTORS FOR HDMI, DISPLAYPORT, & VGA |
| | MULTI-FORMAT VIDEO AUTO SWITCHER MOUNTED UNDER TABLE | 1 | EXTRON DTP T USW 233 |
| | VIDEO RECEIVER MOUNTED BEHIND OWNER PROVIDED FLAT SCREEN MOUNTED UNDER TABLE | 1 | EXTRON DTP HDMI 230 RX |

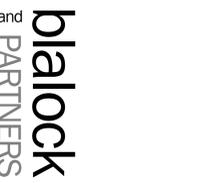
| FOUNDER'S ROOM 241 A/V & DATA EQUIPMENT LIST | | | |
|--|--|-----|---|
| SYMBOL I.D. | DESCRIPTION | QTY | MANUFACTURER & MODEL NUMBER |
| UT | VIDEO CABLES TO UNDERSIDE OF TABLE DO NOT CUT THROUGH FOUNDER'S ROOM TABLE | 1 | A/V INTEGRATOR TO PROVIDE PATCH CABLES FOR UNDER-TABLE SWITCHER |
| | AMPLIFIER 2-CHANNEL, 300 WATTS PER CHANNEL | 1 | CROWN DCI 2I300 |
| | MULTI-FORMAT VIDEO AUTO SWITCHER MOUNTED UNDER TABLE | 1 | EXTRON DTP T USW 233 |
| | VIDEO RECEIVER MOUNTED BEHIND OWNER PROVIDED FLAT SCREEN MOUNTED UNDER TABLE | 1 | EXTRON DTP HDMI 230 RX |
| CFR | IN-WALL LOUDSPEAKERS | 4 | YAMAHA NS-INW60 |

| STUDIO THEATER, BID ALTERNATE #1 A/V & DATA EQUIPMENT LIST | | | |
|--|--|-----|--|
| SYMBOL I.D. | DESCRIPTION | QTY | MANUFACTURER & MODEL NUMBER |
| CA-5 | EQUIPMENT CABINET, STUDIO THEATER | 1 | MIDDLE ATLANTIC ISRK & MIDDLE ATLANTIC RK10 |
| | MIXING CONSOLE, STUDIO THEATER, & MY16-CII | 1 | YAMAHA CL3 W/ R016080 |
| | POE SWITCH | 1 | SOUNDTUBE STNET-SWITCH W/ POWER SUPPLY |
| SP | SPEAKER OUTPUT, LINE LEVEL | 10 | BALANCED TRS OUTPUT, STAINLESS STEEL PLATE LABEL "SPEAKER OUT" |
| MA | MICROPHONE/AUXILIARY INPUT & WALL PLATE | 5 | RDL-DJ3 |
| | ASSISTIVE LISTENING SYSTEM | 1 | LISTEN LT-800 |
| | RECEIVER | 8 | LISTEN LR-500 |
| | EAR SPEAKER | 8 | LISTEN LA-164 |
| | NECK LOOP | 2 | LISTEN LA-166 |
| IC | WALL PLATE, PRODUCTION INTERCOM | 8 | CLEAR COM WP-2 |
| SP6 | IP LOUDSPEAKER, PERIMETER | 9 | SOUNDTUBE IP-CM62-BGM |
| W | IP LOUDSPEAKER, WEATHER RESISTANT | 2 | SOUNDTUBE IP-MS500-II |

| BID ALTERNATE #2 A/V & DATA EQUIPMENT LIST | | | |
|--|---|-----|--|
| SYMBOL I.D. | DESCRIPTION | QTY | MANUFACTURER & MODEL NUMBER |
| | MIXING CONSOLE, GREEN SHOW | 1 | YAMAHA QL1 W/ R11 RACK MOUNT KIT & R016080 |
| FRD | LOUDSPEAKER, MAIN, GREEN SHOW | 2 | RENKUS HEINZ ICL-FR DUAL |
| | LOUDSPEAKER, SIDEWOOFER, GREEN SHOW | 2 | RENKUS HEINZ ICL-FR DUAL |
| FB | STAGE BOX, GREEN SHOW | 4 | YAMAHA R016080 & MIDDLE ATLANTIC RK4 |
| | LOUDSPEAKER, SUBWOOFER, GREEN SHOW | 2 | RENKUS HEINZ ICL-FR DUAL |
| | EQUIPMENT CABINET, PORTABLE, GREEN SHOW | 1 | SKB MIGHTY GIRG |
| | WIRELESS MICROPHONES, GREEN SHOW | 8 | SHURE ULXD24/B887A |
| | WIRELESS ANTENNA COMBINER, GREEN SHOW | 2 | SHURE UAB45-SWB |
| | WIRELESS ANTENNA, ACTIVE, GREEN SHOW | 2 | SHURE UAB74 |
| | LOUDSPEAKER, SEMINAR GROVE | 2 | RENKUS HEINZ ICL-FR |
| G | IN-GROUND SPEAKERS | 16 | SOUNDTUBE XT850 GRANITE |

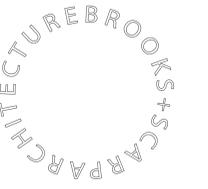
| FF&E ITEMS - NOT IN CONTRACT A/V & DATA EQUIPMENT LIST | | | |
|--|---------------------------------------|-----|---------------------------------------|
| SYMBOL I.D. | DESCRIPTION | QTY | MANUFACTURER & MODEL NUMBER |
| | RECEIVER | 33 | LISTEN LR-500 |
| | EAR SPEAKER | 33 | LISTEN LA-164 |
| | NECK LOOP | 9 | LISTEN LA-166 |
| | PRODUCTION INTERCOM | 1 | CLEAR COM RCS2700 |
| | MICROPHONE, SHOTGUN | 2 | AUDIOTECHNICA AT875R |
| | WIRELESS MICROPHONE SYSTEM | 10 | SHURE ULXD4Q |
| | TRANSMITTER, BODY PACK | 40 | SHURE ULXD1 |
| | TRANSMITTER, HANDHELD | 6 | SHURE ULXD24/B87A |
| | LAVALIERS MICROPHONE | 40 | COUNTRYMAN B6 |
| | ANTENNA COMBINER | 2 | SHURE UAB45-SWB |
| | DIRECTIONAL ANTENNA | 2 | SHURE UAB74 |
| | 8-BAY CHARGING STATION | 5 | SHURE SBC800-B |
| | STAGE BOX, OUTDOOR THEATER | 2 | YAMAHA R0132 W/ MIDDLE ATLANTIC RK6 |
| | STUDIO MONITORS, MIXING BOOTH | 2 | YAMAHA HS7 |
| | LOUDSPEAKERS, POWERED STAGE MONITORS | 4 | YAMAHA DSR112 |
| | WIRED BELT PACK, ONE CHANNEL | 8 | CLEAR COM RS-701 |
| | WIRED BELT PACK, TWO CHANNEL | 4 | CLEAR COM RS-702 |
| | HEADSET, WIRELESS | 8 | CLEAR COM BTR600 |
| | STAGE BOX, STUDIO THEATER | 1 | YAMAHA R016080 W/ MIDDLE ATLANTIC RK4 |
| | LOUDSPEAKERS, POWERED, STUDIO THEATER | 6 | YAMAHA DSR112 |

| SYMBOL LEGEND | | |
|---------------|-------------|--------------------------------------|
| SYMBOL | SYMBOL I.D. | DESCRIPTION |
| | CA-1 | EQUIPMENT CABINET, BASEMENT |
| | CA-2 | EQUIPMENT CABINET, PORTABLE |
| | CA-3 | EQUIPMENT CABINET, CONTROL BOOTH |
| | CA-4 | EQUIPMENT CABINET, REHEARSAL HALL |
| | CA-5 | EQUIPMENT CABINET, STUDIO THEATER |
| | CA-6 | EQUIPMENT CABINET, STAGE BOX |
| | FB | FLOOR BOX |
| | MA | MICROPHONE & AUXILIARY INPUT |
| | I | WINDOW INTERCOM |
| | IC | PRODUCTION INTERCOM, OUTLET HEIGHT |
| | CC | CABLE CUBBY |
| | PRES | PRESS JACK |
| | CAM | IP INFRARED CAMERA |
| | SP | CEILING SPEAKER JACK |
| | SP6 | 6" CEILING SPEAKER |
| | SP6W | 6" CEILING SPEAKER, WATER RESISTANT |
| | G | GROUND SPEAKER |
| | FR | COLUMN ARRAY SPEAKERS |
| | FRD | DOUBLE COLUMN ARRAY SPEAKERS |
| | SUB | SUBWOOFER SPEAKERS |
| | FF | FRONT FILL SPEAKERS |
| | AF | CENTER SPEAKERS |
| | AW | CEILING EFFECT SPEAKERS & SUBWOOFERS |
| | P | PERIMETER SPEAKERS |
| | UB | UNDER BALCONY SPEAKERS |
| | S | UNDER BROW, SURROUND SPEAKERS |
| | 12XT | SPEAKERS, REHEARSAL HALL |
| | CFR | SPEAKERS, FOUNDER'S ROOM |
| | W | WIRELESS MICROPHONE ANTENNA |
| | ALS | ASSISTED LISTENING SYSTEM |



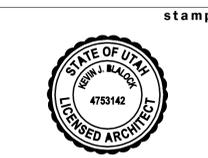
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| Revisions | |
|-------------|---------------|
| Addendum 01 | 2014, May 28 |
| Addendum 03 | 2014, June 10 |
| Addendum 05 | 2014, June 20 |
| Addendum 06 | 2014, June 25 |
| Addendum 07 | 2014, July 8 |

date: 28 May, 2014
DFCM project no: 12218730
Bid Documents

Southern Utah University
Beverley Taylor Sorenson
Center for the Arts
Utah Shakespeare Festival Facility
Cedar City, Utah

SOUND DESIGN INTERNATIONAL
533 West 2600 South Bountiful, Utah 84010 | Phone: 801.298.1113
SDI JOB #: 2012-069 DATE: 25 JUNE 2014
DESIGNED BY: DAVID DROMMOND CHECKED BY: COLE DUKE DRAWN BY: MAGGIE TERRY
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AUDIO/VIDEO EQUIPMENT LIST
TA601

| | |
|----------------------------|---|
| addendum number | 07 |
| date | July 08, 2014 |
| project | Southern Utah University Beverley Taylor Sorenson Center for the Arts Southern Utah Museum of Art (SUMA) |
| DFCM project number | 12218730 |

This Addendum forms a part of the Contract Documents and modifies the original construction documents dated May 28, 2014, and all subsequent addenda.

SOUTHERN UTAH MUSEUM OF ART (SUMA)

QUESTIONS/RESPONSES

SEE REVISED QUESTIONS & ANSWERS DOCUMENT PROVIDED WITH THIS ADDENDUM AS A SEPARATE DOCUMENT.

SUMA SUBSTITUTION REQUESTS:

| item # | Spec # | section | substitution | response |
|--------|--------|-------------------------------|-----------------------|----------|
| | 230593 | Testing Adjusting & Balancing | Test Balance - Tempco | Approved |

PRIOR APPROVAL OF MANUFACTURERS OF ELECTRICAL EQUIPMENT

The following items, trade names, products and manufacturers are approved for bidding. Approval does not relieve the bidder from satisfying the intent of the requirements of drawings, specifications and addenda in every respect. Failure to conform to the design quality and standards specified, established and required may result in later disapproval. If equipment must be disapproved after bidding, supplier shall supply specified equipment at no extra cost to the Owner.

Items are listed generally and specific model number, etc. shall be as submitted. Items submitted but not approved, either did not satisfy the requirements, or showed insufficient data, or arrived after the 8 day deadline established for submittals.



| <u>TYPE</u> | <u>SPECIFIED</u> | <u>APPROVED</u> | <u>APPROVED</u> | <u>APPROVED</u> |
|-------------|------------------|-----------------|-----------------|-----------------|
| F3 | TRAXON | ECOSENSE | | |
| F4 | TRAXON | ECOSENSE | | |
| F9 | DAYBRITE | METALUX | | |
| F9A | DAYBRITE | METALUX | | |

CHANGES TO SUMA PROJECT MANUAL:

| item # | revision or clarification | Spec # | section | description |
|---------------|----------------------------------|---------------|-------------------------|---|
| | Revision | 263533 | Power Factor Correction | <ul style="list-style-type: none"> Delete this section in its entirety |

CHANGES TO SUMA DRAWINGS:

| item # | revision or clarification | sheet/drawing | description |
|-------------------|----------------------------------|----------------------|--|
| ELECTRICAL | | | |
| | Clarification | S-EG002 | <ul style="list-style-type: none"> Fixture Schedule. Type F118 to be a 2 lamp fixture per addendum 4. Per addendum 6 delete SLV as the spec'd manufacturer. Change to Bega #7501-LED-538-755-050 |
| | Clarification | S-EP101 | <ul style="list-style-type: none"> Per addendum 4 keynote 13 applies to each floor box. Provide 1" conduit to comm room. |
| | Clarification | S-ES001 | <ul style="list-style-type: none"> See updated site plan. Plan mirrors changes to U-ES001 made throughout addendums. |

End of addendum narrative.



FIXTURE SCHEDULE

| TYPE | DESCRIPTION | MANUFACTURER | MODEL | CATALOG NUMBER | VOLTS | WATTS | NUMBER OF LAMPS | LAMPS |
|------|--|--|------------------|--|-------|--------|-----------------|--|
| F1 | RECESSED ADJUSTABLE DIMMABLE ADDRESSABLE LED ACCENT LIGHT LOCATION: GALLERIES, RETAIL, EXTERIOR CANOPY | WILA, OR EQUAL BY EDISON PRICE LIGHTING | | 623-7-6-3-SA40-95-VERIFY VOLTAGE WITH ELECTRICAL DRAWINGS-LUD PROVIDE ADDRESSABLE DIMMABLE DRIVER WITH DIMMING RANGE TO 1% (ULTRON OR EQUAL) PROVIDE CONTROLS COMPATIBLE WITH DIMMING SYSTEM. | 120 | 50 | 1 | 50W LED, 3000K, 95 CRI 40 DEGREE BEAM 1X2 MACADAM ELPSE, 5 YEAR NO COLOR SHIFT WARRANTY |
| F2 | DERATED RECESSED ADJUSTABLE ACCENT LIGHT WITH RETROFIT DIMMABLE LED LAMP AND CONCEALED RGB INDIRECT DOME LOCATION: GALLERIES, RETAIL, EXTERIOR CANOPY | PURE LIGHTING | AURORA | AH3-ARE3-RGB-DR36.2 (DERATED TO 12.2W FOR WHITE LIGHT, AND 24W FOR RGB) WITH DIMMABLE TO 1% ZERO LOAD POWER SUPPLY COMPATIBLE WITH SPECIFIED DIMMING CONTROL SYSTEM FOR WHITE LIGHT COMPONENT. FIXTURE SHALL BEAR FACTORY INSTALLED PERMANENT UL LABEL INDICATING 12.2 WATT MAXIMUM. PROVIDE DMX INTERFACE FOR RGB CONTROL. | 120 | 36 | 1 | 12.2WATT LED SORAA VIVID MR16-50-B01-12-930-96 3000K 95 CRI R9 36 DEGREE 1075 CBCP + 24W RGB LED |
| F3 | SURFACE MOUNTED CONCEALED DIMMABLE LED UPLIGHT LOCATION: EDUCATION COLLECTION ON TOP OF SHELVES | TRAXON TECHNOLOGIES, OR EQUAL BY COLOR KINETICS | | COVE LIGHT AC DIM MB CA 1130001 (3000K, 135 X 135) PROVIDE POWER SUPPLY COMPATIBLE WITH DIMMING SYSTEM; FIXTURE SHALL DIM TO 1% WITHOUT FLICKER. REFER TO DRAWINGS FOR ROW LENGTHS PROVIDE ALL COMPONENTS NEEDED FOR A COMPLETE WORKING INSTALLATION. | 120 | 7W/LF | - | 7W/LF LED 3000K 81 CRI 135 X 135 DEGREE BEAM SPREAD |
| F4 | WET LISTED DIMMABLE LED GRAZER UPLIGHT IN ARCHITECTURAL LENSED TROUGH LOCATION: EXTERIOR ENTRY WALL | TRAXON TECHNOLOGIES, OR EQUAL BY COLOR KINETICS | | NANO LINER ALLEGRO AC XB XB.N0.8374120 (3000K, 50X10 DEG) PROVIDE POWER SUPPLY COMPATIBLE WITH DIMMING SYSTEM; FIXTURE SHALL DIM TO 1% WITHOUT FLICKER. REFER TO DRAWINGS FOR ROW LENGTHS; PROVIDE LENGTHS TO STAGGER AROUND CURVES. PROVIDE ALL COMPONENTS NEEDED FOR A COMPLETE WORKING INSTALLATION. | 120 | 11W/LF | - | 11W/LF LED 3000K 81 CRI 50 X 10 DEGREE BEAM SPREAD |
| F5 | SURFACE MOUNTED SINGLE CIRCUIT TRACK LOCATION: GALLERY TEMPORARY WALLS | LIGHTING SERVICES INC, OR EQUAL BY EDISON PRICE LIGHTING | | SINGLE CIRCUIT SURFACE TRACK 31330 (PROVIDE LENGTHS AS INDICATED ON DRAWINGS) - WITH 31301 PORTABLE FEED WITH EXTRA CORD. VERIFY CORD LENGTHS WITH ARCHITECT. REFER TO ARCHITECTURAL DETAIL FOR MOUNTING INFORMATION. PROVIDE ALL ENDCAPS AND ACCESSORIES NEEDED FOR A COMPLETE WORKING INSTALLATION. | 120 | - | - | N/A |
| F6 | TRACK MOUNTED DIMMABLE LED ACCENT LIGHT LOCATION: GALLERY TEMPORARY WALLS | LIGHTING SERVICES INC, OR EQUAL BY EDISON PRICE LIGHTING | Lumalex | LUMILEX 2044 SERIES LED LX2044-E-3-M4-W LX2044-XXXX-00 VERIFY VOLTAGE WITH ELECTRICAL DRAWINGS VERIFY WHITE FINISH WITH ARCHITECT QUANTITY OF ACCESSORIES (LIGHT BLOCKING SCREENS AND INTERCHANGABLE REFLECTORS) TBD | 120 | 24 | 1 | 24W LED 3000K 40 DEGREE OPTIC 97 CRI |
| F7 | RECESSED DIMMABLE LED ACCENT LIGHT LOCATION: RETAIL, SHELVES WALL DISPLAY ABOVE GLASS | WILA LIGHTING, OR EQUAL BY LUCIFER LIGHTING | | 621-700-3-3-DA80-40-VOLTAGE VERIFY VOLTAGE WITH ELECTRICAL DRAWINGS-LUD PROVIDE DIMMABLE POWER SUPPLY COMPATIBLE WITH CONTROL SYSTEM DIMMABLE TO 1% | 120 | 12 | 1 | 12W LED 3000K 60 DEGREE BEAM SPREAD 80+ CRI |
| F8 | RECESSED ADJUSTABLE LED ROUND LIGHT FIXTURE WITH REMOTE DRIVER | PEGASUS | | PLMS-3-KIT-H | | 3.75 | - | 31K |
| F9 | RECESSED FLUORESCENT 2 X 4 LIGHT FIXTURE ONE PIECE DOOR FRAME TOOLLESS ENTRY | DAYBRITE | SOFRACE | 2ST G S 232 DS UNV 1/2 | 120 | 32 | 2 | F32/830/SPX/ECO |
| F9A | RECESSED FLUORESCENT 2 X 2 LIGHT FIXTURE ONE PIECE DOOR FRAME TOOLLESS ENTRY | DAYBRITE | SOFRACE | 2ST G S 2 CF40 DS UNV 1/2 | 120 | 40 | 2 | CF TT 40W BIAH 3000K |
| F10 | PENDENT MOUNTED LINEAR FLUORESCENT INDIRECT/DIRECT LIGHT FIXTURE ALUMINUM PERFORATED DIFFUSER | SISTEMALUX | MODEM | 3000-T5-UNV | 120 | 22 | 2 | T5 3000K |
| F12 | INDUSTRIAL FLUORESCENT TWO LAMP LIGHT FIXTURE WITH WIRE GUARD | PRUDENTIAL | PT8W | PT8W STD WG 2T8 04 YGW SC UNV | 120 | 32 | 2 | F32/830/SPX/ECO |
| F12A | SURFACE MOUNTED FLUORESCENT 2 LAMP 4' LENGTH | LA LIGHTING | | MXAST200-2-4R-E8 | | | | |
| F13 | PENDENT MOUNTED DECORATIVE LIGHT FIXTURE COMPACT FLUORESCENT SATIN ALUMINUM FINISH PROVIDE UNIVERSAL WATTAGE BALLAST | DELRAY LIGHTING | SONAR | 7700 3 32CF | 120 | 32 | 3 | CF TT 830 |
| F14 | RECESSED SQUARE DOWNLIGHT COMPACT FLUORESCENT CLEAR ALZAK REFLECTOR | ELP | HITC | 242TT HITC S 8 | 120 | 42 | 2 | CF TT 830 |
| F15 | BARE WALL MOUNTED SLIM LINEAR FLUORESCENT LIGHT FIXTURE, CAREFULLY COORDINATE LOCATION OF JBOX WITH INSTALLATION INSTRUCTIONS; SILVER FINISH | DELRAY LIGHTING | SWING | SWS4154-1-SW200-SCBA | 120 | 54 | 1 | FP54/830/ HO/SS/ECO |
| F16 | WALL MOUNTED EXTERIOR LED LIGHT FIXTURE IP64 STANDARD COLOR BY ARCHITECT BLACK, SILVER, WHITE, BRONZE | BEGA | WALL | 2380 LED SCBA | 120 | 14.3 | 1 | LED 3K |
| F113 | FLUORESCENT SURFACE MOUNT LINEAR LIGHT FIXTURE WITH WRAP AROUND LENSE 3' LENGTH | PRUDENTIAL | SNAP | S1 1T8 03 WA YGW UNV CA48(ADJ) | 120 | 24 | 1 | F24/830/SPX/ECO |
| F114 | FLUORESCENT SURFACE MOUNT LINEAR LIGHT FIXTURE WITH WRAP AROUND LENSE 4' LENGTH | PRUDENTIAL | SNAP | S1 1T8 04 WA YGW UNV CA48(ADJ) | 120 | 32 | 1 | F32/830/SPX/ECO |
| F118 | FLUORESCENT SURFACE MOUNT LINEAR LIGHT FIXTURE WITH WRAP AROUND LENSE 8' LENGTH | PRUDENTIAL | SNAP | S1 1T8 08 WA YGW UNV CA48(ADJ) | 120 | 32 | 2 | F32/830/SPX/ECO |
| F17 | SURFACE MOUNTED CYLINDER, MATTE SILVER FINISH | WILA | LEDRA | S608-8-6-3-SSA40-V-MC-LUD | 120 | 50 | 1 | LED 3K |
| L1 | EXTERIOR LIGHT POLE WITH LED TYPE V DISTRIBUTION, WOOD SINGLE MOUNT POLE STAINLESS STEEL GREY BASE STANDARD COLOR BY ARCHITECT | STRUCTURAHESS | RESIDENZA / SINE | #RS200 1LV-1LEVO-3000K SPL TYPE V UNV-A-SCBA-N #1-S-16-50-50-SCBA (WOOD POLE) - SCBA (METAL FINISH) XXX | UNV | 24 | 1 | LED 3K |
| L7 | RECESSED GROUND MOUNTED LIGHT FIXTURE FOR UPLIGHTING LED SQUARE STAINLESS STEEL COVER | BEGA | DASAR | 7501 LED-538-755-050 | 120 | 8 | 1 | LED 8W 25 DEGREE 3K |
| L8 | STAINLESS STEEL ROUND BOLLARD WITH LED SOURCE - CUSTOM COLOR | HESS | | SE42G-18-NV-UNV-D-39RB-CC-N | UNV | | | 18W LED 4K |
| X1 | EXIT SIGN SINGLE SIDE LED EDGE LIT COORD. MTG. STYLE GREEN LETTERS STANDARD COLOR BY ARCHITECT COORDINATE DIRECTIONAL ARROWS ON SITE | DUAL-LITE | | #LE-CW/E-S-G-XXX-SCBA-A | UNV | | | INCLUDED |
| X2 | EXIT SIGN DOUBLE FACE LED EDGE LIT COORD.MTG.STYLE GREEN LETTERS STANDARD COLOR BY ARCHITECT COORDINATE DIRECTIONAL ARROWS ON SITE | DUAL-LITE | | #LE-CW/E-D-G-XXX-SCBA-A | UNV | | | INCLUDED |

SHEET KEYNOTES

PROVIDE INTERIOR DIGITAL PHOTOCELL TO PROVIDE DAYLIGHT DIMMING CONTROL FOR LIGHTING IN ROOM THRU RELAY PANEL.

| LIGHT FIXTURE ABBREVIATION SCHEDULE | LIGHT FIXTURE GENERAL NOTES |
|--|---|
| NOTE: NOT ALL ABBREVIATIONS WILL NECESSARILY BE USED. | |
| A.F.F. ABOVE FINISH FLOOR | 1. REFER TO THE ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATIONS OF LIGHT FIXTURES. BRING ALL DISCREPANCIES OF LOCATIONS AND QUANTITIES TO THE ATTENTION OF THE ARCHITECT AND ELECTRICAL ENGINEER PRIOR TO BIDDING. |
| WALL@CLG WALL MOUNT AT CORNER OF WALL AND CEILING | 2. REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHTS AND LOCATIONS OF LIGHT FIXTURES. BRING ALL DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT PRIOR TO BIDDING. |
| CCBA CUSTOM PAINTED COLOR AS SELECTED BY THE ARCHITECT | 3. REFER TO THE SPECIFICATIONS FOR OTHER LIGHT FIXTURE, FUSING, BALLAST, AND LAMP REQUIREMENTS AND ACCEPTABLE MANUFACTURERS. |
| SCBA STANDARD PAINTED COLOR AS SELECTED BY THE ARCHITECT | 4. REFER TO ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR LOUVER REQUIREMENTS AS REQUIRED. |
| CFBA CUSTOM FINISH AS SELECTED BY THE ARCHITECT | 5. CONFIRM AVAILABLE MOUNTING DEPTHS OF ALL LIGHT FIXTURES AND COMPARE WITH DEPTHS SHOWN ON SHOP DRAWINGS. BRING ALL POTENTIAL CONFLICT AREAS TO THE ATTENTION OF THE ARCHITECT AND ELECTRICAL ENGINEER PRIOR TO RELEASE. |
| SFBA STANDARD FINISH AS SELECTED BY THE ARCHITECT | |
| MOD MODIFY STANDARD LIGHT FIXTURE AS INDICATED | |

BIDDING REQUIREMENTS

- BID ONLY PRODUCTS THAT ARE SPECIFIED OR APPROVED BY ADDENDUM.
- PACKAGING OF LIGHT FIXTURES WITH OTHER SYSTEMS IS NOT ALLOWED.
- WHEN ONLY ONE PRODUCT IS APPROVED FOR BIDDING, THE PRICE FOR THAT ITEM SHALL BE BROKEN OUT SEPARATELY WHEN SUBMITTING PRICING TO VARIOUS DISTRIBUTORS AND/OR CONTRACTORS.
- WHEN A CONTRADICTION EXISTS BETWEEN A SPECIFIC MODEL NUMBER AND THE DESCRIPTION, THE DESCRIPTION SHALL GOVERN.

PRIOR APPROVAL REQUIREMENTS

- PRIOR APPROVAL IS REQUIRED BEFORE BIDDING THIS PROJECT.
- PRIOR APPROVALS SHALL BE SUBMITTED TO THE ELECTRICAL ENGINEER'S OFFICE AT LEAST (8) EIGHT WORKING DAYS BEFORE THE BID. PRIOR APPROVALS RECEIVED AFTER THIS TIME PERIOD SHALL BE REJECTED.
- PRIOR APPROVALS SHALL BE SIGNED BY A PRINCIPAL OF THE SUBMITTING ORGANIZATION STATING THAT THEY HAVE PREPARED AND/OR REVIEWED THE SUBMITTAL AND THAT THE PRODUCTS PROPOSED ARE EQUIVALENT TO THOSE SPECIFIED. ANY EXCEPTIONS SHALL BE SO NOTED.
- ITEMS THAT ARE SUBMITTED AND HAVE BEEN APPROVED WILL BE LISTED IN THE ADDENDUM(S). VERBAL APPROVAL WILL NOT BE GIVEN ON ANY ITEM.
- IT IS NOT THE RESPONSIBILITY OF THE ELECTRICAL ENGINEER TO NOTIFY THE SUBMITTING PARTY OF ERRORS IN THE SUBMITTAL. NOTIFICATION OF ERRORS BY THE ELECTRICAL ENGINEER PRIOR TO ISSUANCE OF THE ADDENDUM(S) MAY NOT BE GIVEN.
- PRIOR APPROVALS SHALL CONSIST OF TWO SETS OF CUT SHEETS DESCRIBING THE PRODUCTS BEING SUBMITTED AS EQUIVALENTS. FAXES ARE NOT ACCEPTABLE. ALL SPECIFICATION INFORMATION SHALL BE CLEARLY MARKED, WITH NON-APPLICABLE INFORMATION CROSSED OUT. COMPLETE PHOTOMETRIC DATA SHALL BE PROVIDED. PRODUCTS WITHOUT PHOTOMETRIC DATA WILL NOT BE APPROVED.
- SUPPLY POINT-BY-POINTS AS REQUIRED BY THE ELECTRICAL ENGINEER AND/OR LIGHTING DESIGNER.
- SAMPLE FIXTURES MUST BE SUPPLIED WITH A CORD, PLUG AND 120V BALLAST.

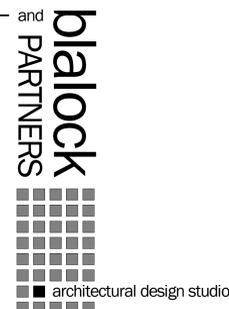
LIGHTING SHOP DRAWING REQUIREMENTS

- REFER TO SPECIFICATIONS 16001, 16510 & 16551.
- MUST INCLUDE BALLAST AND LAMP CUT SHEETS.
- LINEAR LIGHTING MUST INCLUDE DETAILED DRAWINGS WITH SUPPORT DETAILS, STEM LOCATIONS AND HAVE ALL LENGTHS IDENTIFIED WITH STEM LOCATIONS.
- COLOR SAMPLES MUST BE INCLUDED IN FIRST SUBMITTAL.
- CUT SHEETS MUST BE STAMPED WITH THE FACTORY REPRESENTATIVE'S COMPANY NAME.
- VALUE ENGINEERING CONDUCTED WITHOUT THE DESIGN TEAM IE; ARCHITECT, OWNER, ENGINEER & LIGHTING CONSULTANT/DESIGNER WILL NOT BE ALLOWED, REVIEWED OR APPROVED.
- PROVIDE A LIST OF SPARE PARTS, EQUIPMENT & LAMPS.

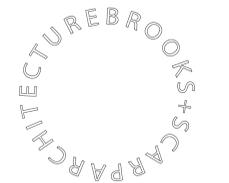
SHOP EQUIPMENT SCHEDULE

| UNIT # | FUNCTION | LOAD | VOLT | PHASE | FULL LOAD AMPS | CONDUIT SIZE | WIRES | | | OCCP | REF. NOTES | REMARKS |
|--------|-----------------------------|----------|------|-------|----------------|--------------|----------|-----|------|------|------------|--|
| | | | | | | | NO. SETS | NO. | SIZE | | | |
| AC | AIR COMPRESSOR | 15 FLA | 120 | 1 | 15.00 | 3/4" | 1 | 2 | 12 | 12 | CB 20 | Coordinate receptacle with manufacturer provided cordplug. |
| BDS | BELT/DISC SANDER COMBO | 12 FLA | 220 | 1 | 12.00 | 3/4" | 1 | 2 | 12 | 12 | CB 20 | Coordinate receptacle with manufacturer provided cordplug. |
| BG | 8" BENCH GRINDER | 14 FLA | 120 | 1 | 14.00 | 3/4" | 1 | 2 | 12 | 12 | CB 20 | Coordinate receptacle with manufacturer provided cordplug. |
| BS | 14" BAND SAW | 11 FLA | 220 | 1 | 11.00 | 3/4" | 1 | 2 | 12 | 12 | CB 20 | Coordinate receptacle with manufacturer provided cordplug. |
| DC | DUST COLLECTOR | 12 FLA | 120 | 1 | 12.00 | 3/4" | 1 | 2 | 12 | 12 | CB 20 | Coordinate receptacle with manufacturer provided cordplug. |
| JNT | JOINER | 14 FLA | 120 | 1 | 14.00 | 3/4" | 1 | 2 | 12 | 12 | CB 20 | Coordinate receptacle with manufacturer provided cordplug. |
| MM | BENCH TOP MORTISING MACHINE | 6 FLA | 120 | 1 | 6.00 | 3/4" | 1 | 2 | 12 | 12 | CB 20 | Coordinate receptacle with manufacturer provided cordplug. |
| PM | PLANER/MOULDER | 18 FLA | 220 | 1 | 18.00 | 3/4" | 1 | 2 | 10 | 10 | CB 25 | Coordinate receptacle with manufacturer provided cordplug. |
| RAS | 10" RADIAL ARM SAW | 13 FLA | 120 | 1 | 13.00 | 3/4" | 1 | 2 | 12 | 12 | CB 20 | Coordinate receptacle with manufacturer provided cordplug. |
| RDP | RADIAL DRILL PRESS | 5 FLA | 120 | 1 | 5.00 | 3/4" | 1 | 2 | 12 | 12 | CB 20 | Coordinate receptacle with manufacturer provided cordplug. |
| SHA | SHAPER | 12 FLA | 220 | 1 | 12.00 | 3/4" | 1 | 2 | 12 | 12 | CB 20 | Coordinate receptacle with manufacturer provided cordplug. |
| TS | 10" TABLE SAW | 12.8 FLA | 220 | 1 | 12.80 | 3/4" | 1 | 2 | 12 | 12 | CB 20 | Coordinate receptacle with manufacturer provided cordplug. |

- NOTES:
- NON-FUSED DISCONNECT SWITCH
 - FUSED DISCONNECT SWITCH
 - BREAKER IN ENCLOSURE
 - MANUAL STARTER WITH THERMAL OVERLOAD
 - MAGNETIC STARTER
 - MAGNETIC STARTER/NON-FUSED DISCONNECT COMBINATION
 - MAGNETIC STARTER/FUSED DISCONNECT COMBINATION
 - MAGNETIC STARTER/BREAKER COMBINATION
 - VARIABLE FREQUENCY DRIVE
 - REDUCED VOLTAGE STARTER
 - DIRECT CONNECTION
 - RECEPTACLE/SPECIAL PURPOSE OUTLET/ETC.
 - TWO-SPEED STARTER, COORDINATE WITH MOTOR TYPE
 - SOLID STATE SOFT STARTER
- A. FURNISHED, INSTALLED, AND CONNECTED UNDER DIVISION 26
 B. FURNISHED AND INSTALLED UNDER ANOTHER DIVISION REQUIRING CONNECTION UNDER DIVISION 26.
 C. FURNISHED UNDER ANOTHER DIVISION BUT INSTALLED AND CONNECTED UNDER DIVISION 26.
 D. FURNISHED, INSTALLED AND CONNECTED UNDER ANOTHER DIVISION.
- CB = CIRCUIT BREAKER - THERMAL MAGNETIC
 CKW = CHILLER KILOWATTS
- NOTE 1: PER 26.1.02(A), EQUIPMENT GROUND IS NOT REQUIRED TO BE LARGER THAN PHASE CONDUCTOR.



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COEN+PARTNERS

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stamp



DFCM approval stamp

Revisions

Addendum #04 06/17/2014
 Addendum #05 06/20/2014
 Addendum #07 07/08/2014

date: JUNE 17, 2014

DFCM project no: 12218730

Bid Documents

Southern Utah University
 Beverley Taylor Sorenson
 Center for the Arts
 Southern Utah Museum of Art
 Cedar City, Utah

Schedules
S-EG002

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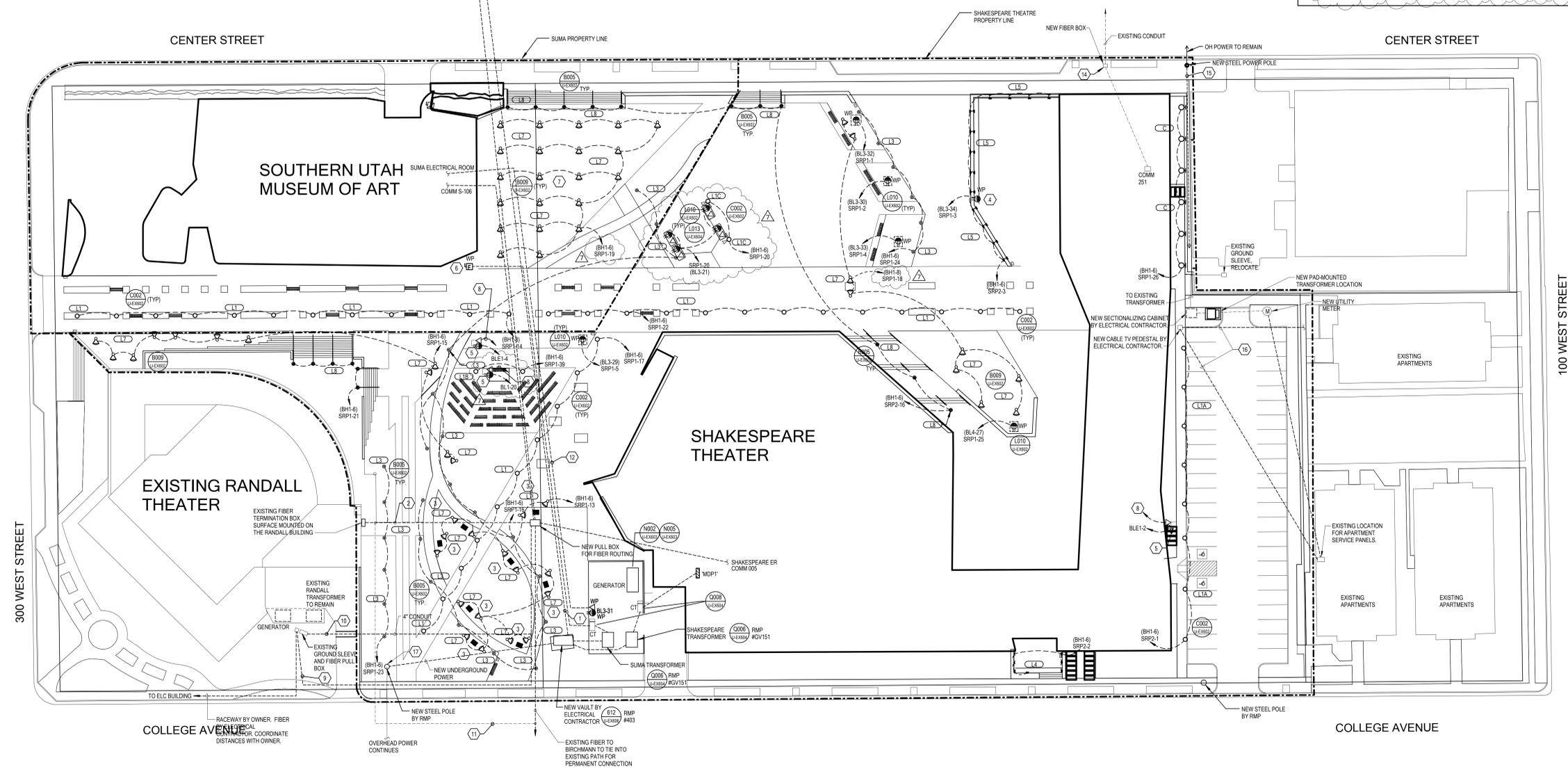
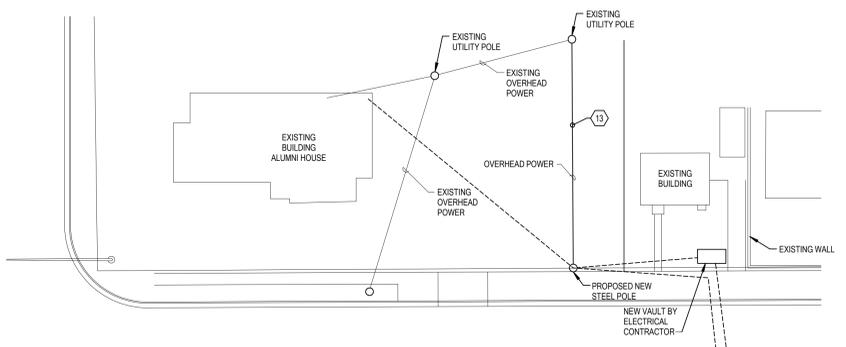
DFCM approval stamp

| Revisions | |
|--------------|------------|
| Addendum #03 | 06/10/2014 |
| Addendum #04 | 06/17/2014 |
| Addendum #06 | 06/25/2014 |
| Addendum #07 | 07/08/2014 |

date: JUNE 17, 2014
 DFCM project no: 12218730
 Bid Documents

Southern Utah University
**Beverly Taylor Sorenson
 Center for the Arts**
 Southern Utah Museum of Art
 Cedar City, Utah

- SHEET KEYNOTES**
- NEW UNDERGROUND TRENCH AND DUCT BANK. EXISTING OVERHEAD POWER TO BE REMOVED.
 - NEW (2) 2" CONDUIT TO THE TELECOMMUNICATIONS ROOM IN THE SUMA BUILDING AND SHAKESPEARE BUILDING AS SHOWN.
 - INDICATES LIGHT FIXTURES FOR SCULPTURE ILLUMINATION.
 - MOUNTED IN SIDE WALLS.
 - EMERGENCY CONTACT PEDESTAL. PROVIDE SUU CAMPUS STANDARD (RED IN COLOR WITH WHITE LETTERING AND BLUE STROBE LIGHT) TALK-A-PHONE: #ETPR-MT-R-OP3. PHONE MODEL: #ETP-400V (HAS ABILITY TO RECORD MESSAGES AND HAVE TWO WAY COMMUNICATION). CAMERA MODEL: #V60BC4036 (SILENT WITNESS COLOR CAMERA). CONTACT ADI 3759 WEST 2340 SOUTH #E WEST VALLEY CITY, UTAH 84120. (801)972-8787. WWW.TALKAPHONE.COM
PROVIDE INTERFACE #NV 214 A-M BY NETWORK VIDEO TECHNOLOGY. NVT PHONE: 800-959-9870. OVERALL DIMENSIONS 12" W x 10" D x 108" H. REFER TO CDD24-EX892 FOR CONCRETE BASE REQUIREMENT. SEE MANUFACTURER SUBMITTAL FOR BOLT PATTERN. CONTRACTOR SHALL PROVIDE SUBMITTAL FOR FINAL APPROVAL IN SHOP DRAWING PHASE OF CONSTRUCTION.
 - SUMA EXTERIOR SERVICE DISCONNECT. REFER TO SUMA POWER PLAN FOR EXACT LOCATION.
 - REFER TO LANDSCAPE DRAWINGS FOR EXACT LOCATION OF TREES. EXACT LOCATION OF LIGHT FIXTURES TO BE COORDINATED WITH OWNER, ELECTRICAL CONTRACTOR AND LANDSCAPE CONTRACTOR PRIOR TO LANDSCAPING.
 - PROVIDE (1) 3/4" CONDUIT TO SHAKESPEARE TELECOMM ROOM IN BASEMENT. PROVIDE 4 PAIR, CAT 5 CONDUCTOR. PROVIDE TERMINATIONS AND TESTING PER MANUFACTURER'S DIRECTION FOR A COMPLETE INSTALLATION.
 - ALUMNI HOUSE FIBER FEED VIA NEW PULL BOX, CONTINUING NORTH UNDER UNIVERSITY TO ALUMNI HOUSE ENTRY POINT.
 - CONTRACTOR OPTION FOR ALUMNI HOUSE. FEED IS TO BORE UNDER ASPHALT THEN CONTINUE AS INDICATED.
 - CONTRACTOR TO PROVIDE TEMPORARY CONNECTION TO BIRCHMANN UNTIL PERMANENT FIBER CONNECTION IS IN PLACE. THIS MAY BE PROTECTED AT-GRADE CONDUIT.
 - PROVIDE SPARE 4" CONDUIT FROM UTILITY ENCLOSURE TO SUMA ELECTRICAL ROOM. PROVIDE PULL ROPE AND CAP BOTH ENDS. COORDINATE STUD LOCATION IN ENCLOSURE WITH OWNER PRIOR TO ROUGH-IN.
 - OH POWER FROM NEW STEEL POLE TO EXISTING WOOD POLE.
 - NEW FIBER PULL BOX AND NEW FIBER IN EXISTING CONDUIT TO BUILDING AT NORTH SIDE OF CAMPUS.
 - BURIED POWER IS NO LONGER ALLOWED UNDER UNIVERSITY BLVD AT THIS LOCATION. BURIED POWER CONTINUES FROM THE NEW STEEL POLE TO THE SOUTH AS CURRENTLY DESIGNED.
 - NEW UNDERGROUND FEED FOR UTILITY CABLE SERVICE.
 - CONFIRM LOCATION OF EXISTING OH POWER. NEW STEEL POLE IS IN LINE WITH THE OH PATH.



Electrical Site Plan
 SCALE = 1" = 30'-0"

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CENTER FOR THE ARTS - QUESTIONS FROM CONTRACTORS

ADDENDUM 07: REVISIONS AND UPDATED RESPONSES (new questions and responses in red text)

| NO. | SHEET / SPEC SECTION | QUESTION | RESPONSE |
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| 1 | general | Several specification sections are missing on both of the buildings (both in the general requirements as well as several of the specific scopes). We are assuming these will be issued via addendum shortly. Please confirm. | SEVERAL SPECIFICATION SECTIONS WERE ISSUED WITH ADDENDUM #3. ADDITIONAL SPECIFICATION SECTIONS WILL BE ISSUED IN ADDENDUM #4. |
| 2 | general | The schedule has been updated to show the new bid date as June 24 as discussed during the pre-bid meeting, however, the DFCM website is still showing this project as bidding on June 23. Please update. | PLEASE SEE ADDENDUM #1. |
| 3 | general | Several buildings are scheduled to be demolished as part of this project. The specifications indicate that we are to verify that hazardous materials have been remediated before proceeding with demolition. It is our assumption that the Owner will be handling all hazardous materials remediation. Is there any information available on this? Has any of the remediation work been done yet? | <p>THE REMEDIATION WORK IS COMPLETE; NOTE THE FOLLOWING:</p> <p>The Brown Medical Clinic (also known as the Costume Shop) contains a plaster-like material in walls and ceilings that contains less than 1% asbestos. This material is part of the “wall system” (sheetrock, joint tape and joint compound). Only the joint compound contains any detectable asbestos (less than 1%). EPA does not normally regulate materials containing less than 1% asbestos. OSHA regulations require anyone who disturbs any material with detectable asbestos to utilize wet methods, prompt cleanup of debris, leak-tight packaging of the waste, and personal monitoring during the work to ensure employees are not exposed above any permissible exposure level (PEL). All personnel must be trained so they recognize the potential hazards associated with asbestos. Contractors working on materials containing less than 1% asbestos during this work will be trained and monitored by a third-party consulting firm hired by the State. All ACM waste will be disposed of at the Cedar City Landfill.</p> |
| 4 | general | What are the BIM requirements for this project? No information is provided. | THERE ARE NO BIM REQUIREMENTS FOR THIS PROJECT FOR CONTRACTORS. |

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| 5 | general | Will bid bonds be required for subcontractors on this project? If so, is it for all subcontractors over \$100k or is there a different limit? | SUBCONTRACTOR BONDS ARE NOT REQUIRED FOR THIS PROJECT. |
| 6 | general | Is this project sales tax exempt? | YES |
| 7 | general | There is an existing pathway along the north side of the Randall Jones Theater that is lined with bricks that have donor names engraved on them. The plans do not indicate what is to be done with those bricks. See page C-01. We assume they are to be salvaged. Please provide information. | THE UNIVERSITY WILL REMOVE THE BRICK PAVERS, OR THE PAVERS WILL NOT BE REQUIRED TO BE SALVAGED. |
| 8 | C-03 / U-LG101 | Sheet C-03 shows the finished floor of the north end of the Shakespeare building at 38.33, but sheet U-LG101 shows the finished floor at 36.33. Which is correct? | SHEET U-LG101 HAS THE CORRECT ELEVATION; SHEET C-03 WILL BE UPDATED (REF. ADDENDUM 04). |
| 9 | U-EL101A | Back Stage 102. What fixture type is this 1x4? Cosmetology 130. What fixture type is this 8' linear? Back stage walls, Actor Queuing walls, West masonry wall. These walls indicate a type "BL" fixture which is a blue running light. Is this correct? Or are these WL lights? | (BACK STAGE 102 PROVIDED IN ADDENDUM 4. COSMETOLOGY PROVIDED IN ADDENDUM 3 TYPE BL FIXTURES PROVIDED IN ADDENDUM 5) |
| 10 | U-EL101C | Green Rm-2 & Dressing Rms. What fixture type are these 2x4 troffers? | (PROVIDED IN ADDENDUM 3) |
| 11 | U-EL102A | Balcony Stage. Are these fixtures type "BL as indicated or type "WL"?" Corridor. A type "DR" fixture is shown in corridor. This "DR" is not on the fixture schedule. What type is it? What type of fixtures are the ones shown on the north wall of corridor? What fixture type are those shown at top of control booth, grid E/8.8? | (BL FIXTURES PROVIDED IN ADDENDUM 5 DR FIXTURE PROVIDED IN ADDENDUM 5 NORTH WALL OF CORRIDOR TYPE BL TO BE PROVIDED IN ADDENDUM 6 TOP OF TOWER FIXTURES ARE TYPE L9 PROVIDED IN ADDENDUM 4) |
| 12 | U-AE602 | The finish schedule lists the rooms that get quartz countertops (Women's 113, 170, and Men's 112 and | PROVIDED IN ADDENDUM #4, WITH FURTHER CLARIFICATION IN ADDENDUM #5; <i>INTERIOR</i> |

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| | | 169). There are several Unisex restrooms, and Women's 208 and Men's 209. According to the finish schedule these will receive plastic laminate countertops. Is this correct? | ARCHITECTURAL WOODWORK SECTION ISSUED IN ADDENDUM 6. |
| 13 | U-AE101A | On architect's sheet U-AE101A the floor plan of Stage 101 shows elevation markers A6/U-AE203 and D5/U-AE202 and NOTE 6.18 Stage Decorative Railing. There are no architect's sheets U-AE202 and 203 and no information about the railing. Is there information on these items? | SHEET U-AE203 WAS ISSUED IN ADDENDUM #4. SHEET U-AE202 TO BE ISSUED IN AN UPCOMING ADDENDUM. DETAIL FOR STAGE DECORATIVE RAILING HAS BEEN PROVIDED IN ADDENDUM #4. |
| 14 | U-AE404 | On sheet U-AE404 E4 Admin 2nd Floor Reception Desk, E5 Admin Reception Desk and C5 Concessions 210 there are no elevations or information for these items. What is required? | PROVIDED IN ADDENDUM 6. |
| 15 | U-AE212 | In Green Room 167 the elevation A3/U-AE212 shows section markers but no elevation of casework. Please clarify. | SEE A3/U-AE212. MILLWORK IS INCLUDED IN STUDIO THEATER ADD ALTERNATE 1. |
| 16 | DIVISION 1 | Please provide the Boiler Plate and Supplemental Information spec sections. | THE DIVISION 1 SPECIFICATION SECTIONS HAVE BEEN ISSUED IN ADDENDUM #3. THE DFCM SUPPLEMENTAL INSTRUCTIONS ARE LOCATED IN THE RFP PAGES 18-29. |
| 17 | 044300 | Section 044300 is missing from the Specs. If you could please email that section to us that would be great. | PROVIDED IN ADDENDUM #4. |
| 18 | DIVISION 1 | Please provide Div 1 of the specs. | PROVIDED IN ADDENDUM #3. |
| 19 | S-AE505 | What is the manufacturer of the 6"x36" Narrow Modular precast concrete pavers? Are the precast "modern profile" starter nosing w/ integral aggregate warning stripe from the same manufacturer? What is the stone for the stone bench? See S-AE505 A2, A6, C3,4 &6. | CLARIFICATION PROVIDED IN ADDENDUM #5 THE BASIS-OF-DESIGN MANUFACTURER IS AS FOLLOWS: Stepstone, Inc. 17025 S. Main St. Gardena, CA 90248 310-327-7474 Color: Granada white; REF: A6/S-AF101 STONE BENCH: HONED GRANITE SLAB; BASIS-OF-DESIGN FOR GENERAL COLORATION DESIRED: <ul style="list-style-type: none"> • FRANCINI, INC. PRODUCT: <ul style="list-style-type: none"> • FUSION, BRAZIL SAMPLE IMAGE: |

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| 20 | S-AE401 | Staff WC's have a 4' wainscot of ceramic tile noted "9.3". What is this product? Is it different than the product for the public toilets (noted as B6/S-AE401) the note for this was 9.4? | WALL TILE SHOULD BE SAME PORCELAIN TILE USED AT PUBLIC RESTROOMS AND DESCRIBED ON B6/S-AE401. |
| 21 | XXXXXX | Is there a spec section for the precast interlocking concrete pavers and stair treads? I only found a 321400 "Stone Pavers" section. | (TO BE ADDRESSED IN AN UPCOMING ADDENDUM) |
| 22 | 321400 | Section 321400 2.4.A it calls out "Sanded Epoxy Joint Filler". Is this polymeric sand? We are not familiar with an epoxy product for filling sand-set paver joints. | THE SPECIFIED PRODUCT IS CORRECT. THE MANUFACTURER'S INFORMATION: GftK-International; gftk-international.com |
| 23 | 093000 | Section 093000 1.1.A.4 includes tile backer units as part of our section. Are these to be included in our scope? They are usually in the drywall scope to be in sequence. | IT IS AT THE CONTRACTOR'S DISCRETION AS TO WHAT TRADE PERFORMS THIS SCOPE. |
| 24 | 093000 | Section 093000 2.3 calls out almost every grade and type of thinset, adhesive and grout (including epoxy. What methods and materials are to be used in what areas? Could the specifier detail the TCNA methods/materials we are to use in specific areas? | ADDRESSED IN ADDENDUM 6 |
| 25 | S-AF101 | I see there is wood flooring on the finish schedule but it is missing a specification. Can you clarify what wood is to be installed? | PRE-FINISHED, ENGINEERED CUMARU; SPECIFICATION SECTION INCLUDED IN ADDENDUM 6. |
| 26 | general | Is there going to be a pre-bid site visit for this project that subcontractor's may attend? | THE SITE IS OPEN AND AVAILABLE TO ALL CONTRACTORS FOR REVIEWING EXISTING CONDITIONS. |
| 27 | XXXXXX | The Architectural Woodwork is mentioned in the Specification | SPECIFICATION SECTION INCLUDED IN ADDENDUM 6. |

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| | | index, but are not included in specs. Can you please provide this spec? | |
| 28 | general | <p>We are missing several drawings for this job. Not due to our error, but rather that the drawings have not been included in the bid package.</p> <p>For example: on drawing U-AE101A alone, there are section cuts taking us to the following drawings that are not included in the drawing package: U-AE511, U-AE202, U-AE203, U-AE541.</p> <p>We have also notices that drawings U-AE522, U-AE523 are called out and are not included in the package. We need to request these from the Owner ASAP.</p> | <p>ADDENDUM #4 CONTAINS ADDITIONAL SHEETS TO ADDRESS THESE REQUESTS, AS WELL AS FOR CLARITY AND COORDINATION.</p> <p>REFER TO DRAWINGS ISSUED IN ADDENDUM 6.</p> |
| 29 | C-04 | Does the existing curb and gutter along College Avenue to the east of 200 West get removed? | THE CURB AND GUTTER TO BE REMOVED IS SHOWN TO STATION 7+45.3 ON SHEET C-04. |
| 30 | general | Is there an Asbestos report? Are there any Asbestos Containing Materials that will be demo'd from the existing buildings and homes? If so, its it friable or non-friable? Or is this abatement already completed. | SEE RESPONSE TO ITEM #3 ABOVE. |
| 31 | C-01 | C-01 General Note #2 is very vague. Please specifically identify as many features that are to be removed. Unknown conditions that are encountered during demolition will be a change order by any GC/Sub, so it would behoove the project to identify these items during the bid process. | THE EXISTING SITE CONDITIONS HAVE BEEN PROVIDED WITH ADDENDUM 4. DEMOLITION PLANS AND NEW CONSTRUCTION PLANS HAVE BEEN ISSUED. IT IS NOT PRACTICAL TO IDENTIFY EVERY ITEM TO BE REMOVED / DEMOLISHED WITH THIS SCOPE; IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW THE DOCUMENTS AND VERIFY CONDITIONS PRIOR TO BIDDING. PER ITEM 26 ABOVE, THE SITE IS OPEN AND AVAILABLE FOR REVIEWING THE EXISTING CONDITIONS. |
| 32 | U-AE511 | Sheet U-AE511 seems to be missing. | SHEET WILL BE PROVIDED IN ADDENDUM #5 |
| 33 | 081113 | HM Frame & Door spec section is missing. Please issue. | PROVIDED IN ADDENDUM #3; REVISED IN ADDENDUM #4. |
| 34 | ADD ALTERNATE 01 | <p>Please clarify the general scopes of work that are being incorporated into Alternate #1.</p> <p>For example, U-AE112C indicates that R19 batt insulation is to be included in Alt #1, but is this correct? Wouldn't core and shell and insulation and drywall be part of the base bid?</p> <p>How about floor finishes, UIF101 says that base bid is for gravel base finish in most of Area C? Why not at least a</p> | <p>THE ADD ALTERNATE 01 SCOPE IS TYPICALLY DESCRIBED AS PROVIDING A "WARM SHELL", WHICH INCLUDES, BUT IS NOT LIMITED TO:</p> <ul style="list-style-type: none"> ▪ EXPOSED GRAVEL BASECOURSE AND VAPOR BARRIER (NO CONCRETE SLAB); ▪ INTERIOR AND EXTERIOR INSULATION, EXTERIOR WALL ASSEMBLIES AS IDENTIFIED IN THE WALL TYPES TO CREATE AN EFFICIENT BUILDING |

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| | | <p>concrete floor?</p> <p>How about fire sprinklers - throughout entire Area C for base bid? Per U-AE602 the room finish schedule might be interpreted that fire sprinklers in those rooms are to be part of Alternate #1.</p> <p>Please clarify this whole scope.</p> | <p>ENVELOPE;</p> <ul style="list-style-type: none"> ▪ FINISHED GYP. BOARD WALLS AT MEZZANINE LEVEL PER WALL TYPES; ▪ CORRIDORS 175 & 176 SHALL BE COMPLETE & FINISHED TO MEET EXITING REQUIREMENTS, AS IS ACTOR QUEING 178 AND STAIR 179; ▪ REMOVABLE, TRANSLUCENT VINYL FILM AT WINDOW TYPES F, G, H, J & K (TO GRID 6) TO CONCEAL UNFINISHED INTERIOR SPACE; ▪ EXPOSED ROOF STRUCTURE AS IDENTIFIED ON U-AE111C; ▪ POWER & RECESSED AREA FOR ADA LIFT; ▪ HVAC SYSTEM AS IDENTIFIED ON DOCUMENTS; ▪ FIRE SPRINKLER SYSTEM COMPLETE AND OPERATIONAL TO ALLOW FOR RECEIPT OF CERTIFICATE OF OCCUPANCY; ▪ BURIED PIPING FOR DRAINS, WASTE, ETC.; ▪ BURIED CONDUIT FOR FIBER, DATA, COMMUNICATION, POWER, ETC. <p>THE DESIGN TEAM HAS MADE EVERY ATTEMPT TO CLARIFY THIS SCOPE IN THE DOCUMENTS IN SUPPORT OF AND ADDITION TO THE GENERAL DESCRIPTION ABOVE.</p> |
| 35 | 033000 | Are there specs for sealed concrete and chemically stained concrete that can be issued? | PROVIDED IN ADDENDUM #3. |
| 36 | 211000 | Are Fire Sprinkler drawings going to issued OR are subs to bid based of NFPA code only? What is the anticipated PSI flow rate for each building? | FIRE SPRINKLER PERFORMANCE SPECIFICATION HAS BEEN PROVIDED – NO DRAWINGS WILL BE ISSUED; A FIRE FLOW ANALYSIS IS BEING CONDUCTED. |
| 37 | general / U-LG101 | One excavation contractor has requested more comprehensive grading plans that provide the finished elevations for all surface improvements that will assist in estimating quantities for all subgrade quantities. Top back of curbs, sidewalks, asphalt paving, stairs, etc. There is a landscaped grading plan but no civil grading plan. | <p>ADDITIONAL SPOT ELEVATIONS HAVE BEEN PROVIDED IN ADDENDUM #4. CONTRACTORS SHOULD REFER TO THE CIVIL PLANS FOR UTILITY IMPROVEMENTS; <i>LANDSCAPE AND ARCHITECTURAL SITE PLANS FOR FINISHED ELEVATIONS OF HARDSCAPE IMPROVEMENTS.</i></p> <p>DESIGN INTENT: THE PROJECT MUST MAINTAIN THE EXISTING SLOPES OF THE PERIMETER SIDEWALKS AND STREETS. THEREFORE, ANY REPLACEMENT OF PERIMETER CURB, GUTTER AND SIDEWALK AREAS WILL NEED TO VERY CLOSELY MATCH THE EXISTING CONDITIONS. SPOT ELEVATIONS, CROSS SLOPES AND LONGITUDINAL SLOPES HAVE BEEN PROVIDED – ALONG WITH NEW GRADING CONTOURS – IN ORDER TO TIE INTO</p> |

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| | | | <p>ESTABLISHED GRADES AT SIDEWALKS AND STREETS, AND TO BE ADA COMPLIANT.</p> <p>SPOT ELEVATIONS HAVE BEEN PROVIDED AT NEW VEHICLE CURB CUTS AND PEDESTRIAN WALKS TYING INTO THE EXISTING CONDITIONS (WHETHER NEW CONSTRUCTION MATCHING EXISTING GRADES, OR EXISTING-TO-REMAIN CONSTRUCTION).</p> <p>TOP-OF-WALL, TOP-OF-STEPS, TOP-OF-WALKS AND TOP-OF-CURB SPOT ELEVATIONS AND DATUMS HAVE BEEN PROVIDED – REF. TO BOTH LANDSCAPE GRADING AND ARCHITECTURAL SITE PLANS AND DETAILS.</p> |
| 38 | general | Does SUU have an established location for the disposal of demo'd materials? There apparently has been arrangements made on previous projects. | CONTRACTORS MAY UTILIZE WHAT IS REFERRED TO AS “THE CITY DUMP” IN ADDITION TO, OR IN LIEU OF, THE IRON COUNTY LANDFILL FOR DEMOLITION AND CONSTRUCTION WASTE. CONTRACTORS SHALL STILL BE REQUIRED TO MONITOR AND DOCUMENT THE CONSTRUCTION WASTE IN ORDER TO CONFORM TO LEED REQUIREMENTS. |
| 39 | 074247 | The Taktl panels on the plans and specification 074247 part 2.1F for show the nominal size to be 3' x 11'. The basis of design material is only 10' long. Please advise. | THE BASIS-OF-DESIGN PRODUCT IS AVAILABLE IN THE SIZE SPECIFIED. |
| 40 | 099123 | Will the painting specification for SUU BTS Center For The Arts be forthcoming, along with Architectural Woodwork. I was able to find the Shakespeare Facility painting specifications. | SPECIFICATION SECTION 099123 HAS BEEN ISSUED. INTERIOR ARCHITECTURAL WOODWORK SPECIFICATION SECTION WILL BE PROVIDED IN FORTHCOMING ADDENDUM. |
| 41 | SB101 / S-AS101 | What are the heights of the concrete walls on the SUMA building? On SB101 Ftg and Fdtn plan the footing heights are given are -1' or -4' and the top of the walls are not given. Should I assume the top of the wall is 0', besides the CP-1 or other details that show otherwise? | THE CONCRETE WALL ELEVATIONS AT SUMA ARE CURRENTLY SHOWN ON S-AS101; THESE ARE TRUE ELEVATIONS. THE (-1') OR (-4') INDICATED ON S-SB101 IS BASED ON THE FINISHED FLOOR ELEVATION, WHICH IS 28.01' (0'-0"). SD6/AE202 SHOWS THE NORTH CONCRETE WALL ELEVATION AND INDICATES IT AS 1'-3" ABOVE THE 0'-0" ELEVATION. |
| 42 | U-LG101 | <p>The grading plan seems to be incomplete.</p> <p>a. In order to provide accurate takeoffs we need a complete grading plan with existing and proposed topography. It should also include all top back of curb elevations and top of concrete elevations. This is a standard plan that has not been included in the set.</p> <p>b. Are there any estimated cut/fill quantities from the civil</p> | <p>REFER TO THE RESPONSE TO ITEM 37 ABOVE.</p> <p>THE CIVIL ENGINEER’S CAD FILES HAVE BEEN PROVIDED WITH ADDENDUM 6. NOTE: THESE FILES ARE FOR REFERENCE AND CLARIFICATION ONLY AND THE CONTRACTORS SHALL BASE THEIR BIDS OFF OF THE PDF FILES PROVIDED WITH THE BID DOCUMENTS AND ADDENDA.</p> <p>THE DESIGN TEAM WILL NOT BE PROVIDING AN ESTIMATION</p> |

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| | | engineer? | OF CUT/FILL QUANTITIES. |
| 43 | demolition | The demo specifications do not say anything about backfilling of the voids. Please provide information. | CLARIFICATION WILL BE PROVIDED IN ADDENDUM #5 |
| 44 | demolition | Site clearing includes the demo of the asphalt, concrete, trees and other site elements. Has any potholing been done to determine the thicknesses? | NO POTHOLING HAS BEEN OR IS PLANNED TO BE COMPLETED PRIOR TO CONTRACT AWARD. |
| 45 | general | Has the university or the state secured a dump site for the demo material? If so, where is it? What are the arrangements for dumping fees? | SEE RESPONSE TO ITEM 38 ABOVE. |
| 46 | 122413 | <p>Regarding the roller shades for this project, the basis of design is calling for MechoShades. The fabric being specified is not a MechoShade fabric. The fabric specified is a Phifer SW2900. This one does not exist. There is a Phifer SW2390 that is the same criteria that they are calling for with the SW2900. We will normally purchase shades using the Phifer SW2390 from Mariak Industries or Hunter Douglas Contracts.</p> <p>Also, the specifications call for L-Fascias and pocket style headboxes. It would be one or the other, not both. The L-fascias are used on surface mounted shades. The pocket style headboxes are used for shades recessed in the ceiling. The questions are:</p> <ol style="list-style-type: none"> Can we use Mariak Industries or Hunter Douglas Contracts for the Phifer Sheerweave fabric? Should the specified shade fabric really be the SW2390? How are the shades to be mounted so we know whether or not to use the L-Fascia or the Pocket Style Headbox? | <p>HUNTER DOUGLAS PRODUCT IS APPROVED. CLARIFICATION WILL BE PROVIDED IN ADDENDUM #5 AS AN APPROVED PRODUCT FOR THIS SPECIFICATION SECTION.</p> <p>THE <i>PRIMARY</i> MOUNTING CONDITION IS THE L-FASCIA AS MOST OF THE SHADES ARE MOUNTED TO CURTAINWALL MULLIONS (SHAKESPEARE MOUNTING CONDITIONS ARE SIMILAR TO A6/S-AE511). HOWEVER, CONTRACTORS SHALL REVIEW THE REFLECTED CEILING PLANS, ELEVATIONS AND FINISH SCHEDULE FOR CONDITIONS SPECIFIC TO EACH INSTALLATION.</p> <p>SUMA MOUNTING DETAIL SHOWN ON A6/S-AE511 WITH CALLOUT TO LARGER SCALE DETAIL C3/S-AE522. REFER ALSO TO SECTIONS B4/S-AE311 & B6/S-AE313. THE CEILING PLANS SHOWS THE MANUAL SHADES BEING PLACED AT WINDOW TYPE "SA" FROM THE NORTH SIDE OF THE ENTRY VESTIBULE TO THE CORNER (GRID 1/C) AND AT WINDOW TYPE "SI", "SH" AND "SF". REFER TO THE CEILING PLANS, SECTIONS AND WINDOW TYPES AT THE SHAKESPEARE BUILDING FOR ROLLER WINDOW SHADE LOCATIONS.</p> |
| 47 | 093000 | The specs for the tile (section 093000) are very general. Can the Architect specify TCNA floor & wall installation type for clarification? | CLARIFICATION WILL BE PROVIDED IN ADDENDUM #5 |
| 48 | XXXXXX | We could not find an elevation detail for the unisex rest room #242. Please advise. | REFER TO ADDENDUM 6. |

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| 49 | U-IF101 | Sheet U-IF101 shows GP 01 in areas 105A, 106 & 105b. Only 105b East Patron Plaza is on the finish schedule. Can we assume the other Plaza areas are GP 01 also? | YES, THE EXTENT OF GP 01 IS THROUGHOUT THE PLAZA LEVEL AS INDICATED ON U-IF101. |
| 50 | U-IF101 | USF - GP01 is listed in areas #105b & #108 but not in #105A & #106. Sheet U-IF101 shows in all these areas. Please clarify. | THE EXTENT OF GP 01 IS SHOWN CORRECTLY ON U-IF101. AREAS 105A, 105B, 106, AND 108 RECEIVE GP 01. |
| 51 | U-IF101 | USF - GP02 is on sheet U-IF101 at the stage by the seating but not on the finish schedule. Please clarify? | THE EXTENT OF GP 02 IS SHOWN CORRECTLY ON U-IF101 |
| 52 | | What type of ceramic wall tile is to be used in the family rest rooms S-115 & S-116 in SUMA? | WALL TILE SHOULD BE SAME PORCELAIN TILE USED AT PUBLIC RESTROOMS AND DESCRIBED ON B6/S-AE401. |
| 53 | | There is no detail of the ceramic tile in the walls of the janitors closet S-126 in SUMA. Please provide. | CERAMIC WALL TILE TO BE BY DAL TILE (OR SIMILAR), PEARL WHITE: QH63 (NATURAL HUES COLLECTION) 4"x4", 4'-0" HIGH X 4'-0" LONG AT EACH WALL SURFACE ABOVE THE CORNER TYPE SERVICE SINK. |
| 54 | 093000 | Is the Concrete Paver CON PVR 01 in our section Tiling 093000? Also are we to do the Granite Paver GP 01 & GP 02? | ADDRESSED IN ADDENDUM 6 |
| 55 | 012300 | In Add #3 Section 012300 part 3 3.1D schedule of alternates #4 is the base bid concrete Concrete Paver CON PVR 01? And is Granite Paver system the Granite Paver GP 01 or GP 02? Please clarify? | ADDRESSED IN ADDENDUM 6 |
| 56 | S-EG002 | Museum drawing S-EG002 fixture schedule contains no information for light fixture types C, L1A, L1B, L1C, L3, L4, L5, L8 X1 OR X2. | MANY OF LIGHT TYPES INDICATED ARE NOT ACTUALLY WITHIN THE SUMA AREA BOUNDARY DENOTED ON S-AS101 AND S-ES001 SO THEY WOULD NOT BE INDICATED ON SUMA ELECT. FIXTURE SCHEDULE. THOSE LIGHTS THAT DO OCCUR WITHIN THE BOUNDARY (L8, X1, X2) WILL BE ADDED TO FIXTURE SCHEDULE. |
| 57 | U-EG002 | Shakespeare drawing U-EG002 fixture schedule contains no information for light fixture types A1, F12, K1, or V3. | PROVIDED IN ADDENDUM 3 |
| 58 | U-EL101A / U-EL102A | It appears that the "BL" fixtures on sheet U-EL101A are actually type "WL". This same thing occurs on Sheet U-EL102A where it appears type "BL" is actually type "WL". Are we to assume all of these BL's are WL's? | WILL BE PROVIDED IN ADDENDUM 5 |
| 59 | U-EL103 | Sheet U-EL103: The fixture types JF-1 & BL in the catwalk access are shown as recessed while the same fixtures are shown as surface mount on the catwalk. Is this correct? | (BL AND JF-1 MOUNTINGS ARE THE SAME. FIXTURE SCHEDULE INDICATES WALL MOUNTED AND SAME FIXTURE FOR BOTH. SYMBOLS FOR BL HAVE BEEN PROVIDED IN |

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| | | | ADDENDUM 5) |
| 60 | U-EL102A | What are the fixtures at the top of control booth detail on sheet U-EL102A at grid line E/8.8? | (SAME QUESTION AS #11.) |
| 61 | U-EL102C | Sheet U-EL102C, alternate #1: What is fixture type JF-2 in corridor 249A? This is not on the schedule. | THESE FIXTURES SHOULD BE TYPE BL AND MOUNTED AT 7'6". |
| 62 | | Is there a lightning protection system on this project? This is in the specs but not on the plans? | SUMA WILL NOT REQUIRE A LIGHTNING PROTECTION SYSTEM. ON THE SHAKESPEARE FACILITY, GROUNDING SHALL BE PROVIDED TO THE THREE FLAGPOLES ATOP THE TOWER—SEE ADDENDUM 5. |
| 63 | general | Will the contractor be responsible for any Permit fees? | SEE ITEM #26 IN THE RFP. [REVISION TO ADDENDUM 4] |
| 64 | general | If Contractor bids come in under the FLCC, will cost reduction proposals still be included in cost analysis for scoring? | COST REDUCTION PROPOSALS SHALL NOT BE A PART OF THE SELECTION SCORING MATRIX. [REVISION TO ADDENDUM 4] |
| 65 | general | Please confirm that value engineering and cost reduction proposals will not be accepted after bid date of June 24 th at 12:00pm per the DFCM-provided schedule. | CONFIRMED [REVISION TO ADDENDUM 4] |
| 66 | general | Since cost reduction proposals are included as part of the selection scoring, will these cost reductions of the successful Contractor be made public after award? | THE BASE COST WILL BE USED TO DETERMINE POINTS FOR THE SELECTION. THE COST REDUCTION PROPOSALS WILL BE MADE PUBLIC AFTER THE AWARD OF THE CONTRACT. [REVISION TO ADDENDUM 4] |
| 67 | general | The solicitation states that subcontractor list form is to be emailed to dfcmcontracts@utah.gov . Are there any other recipients that need to be included on this email? | NOT AT THIS TIME. |
| 68 | general | Please confirm that costs, for all scopes of work, are to be separated between SUMA and USF as shown on Master Site Plan. | CONTRACTOR IS ASKED TO PROVIDE ONE LUMP SUM BID, WITH LINE ITEMS, ALTERNATES AND ALLOWANCES IDENTIFIED. SEPARATED PRICING BETWEEN SUMA AND USF SCOPES ARE TO BE ENTERED ON THE BID FORM. THIS IS FOR INFORMATION PURPOSES ONLY. POINTS WILL BE AWARDED ON THE TOTAL BID PRICE. [REVISION TO ADDENDUM 4] |
| 69 | general | The solicitation states, "Cost reduction proposals may include value engineering or any modification of the original cost proposal, including but not limited to a simple reduction in price." Since cost reduction proposals are due at bid time, please confirm that "...a simple reduction in price" does not apply to this procurement process. | ANY "SIMPLE REDUCTION IN PRICE" WOULD NEED TO BE PART OF THE ORIGINAL BID. [REVISION TO ADDENDUM 4] |
| 70 | general | Due to the complexity of providing separate pricing for SUMA and USF, the 12:00pm bid time is rigorous. A 2:00pm bid | SEE ITEM #68. PLEASE SEPARATE THE COSTS OF EACH STRUCTURE AS ACCURATELY AS POSSIBLE. [REVISION TO |

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| | | time would promote more accurate bidding. Please advise. | ADDENDUM 4] |
| 71 | Mechanical / Plumbing | Several Mechanical & Plumbing sheets show "Not to Scale" for the floor plans. Please clarify the scales. | CLARIFICATION PROVIDED IN ADDENDUM #3 |
| 72 | general | Signage requirements for the project have not been shown. Please provide the desired building and site signage locations, details and specifications. | REF. DRAWING U-AG501 NOTE RE: OWNER PROVIDED / INSTALLED; SAME NOTE APPLIES TO SIGNAGE AT THE SUMA. |
| 73 | TA601 | A/V Schedule is not included in the drawings. Please advise. | PROVIDED IN ADDENDUM 03. |
| 74 | | Are there plans or product specifications for the access control, intrusion / burglar alarm or video surveillance / cacti systems? | ELECTRICAL IS PROVIDING RACEWAY ONLY FOR THESE SYSTEMS. |
| 75 | | SUMA shows section 281601 security raceways only, and USF has no reference to security at all. Please let me know if access controls and video surveillance will be included in either of the projects. | ELECTRICAL IS PROVIDING RACEWAY ONLY FOR SECURITY. |
| 76 | S-EG002 | Museum drawing S-EG002 fixture schedule contains no information for fixture types: C, L1A, L1B, L1C, L3, L4, L5, L8, X1 or X2. | SEE RESPONSE TO ITEM 56 ABOVE. |
| 77 | | What is fixture type F12 in Concessions 104? | THIS FIXTURE WAS DEFINED IN ADDENDUM 3. SEE ANSWER TO ITEM 57. |
| 78 | | What is fixture type A1 in Concessions 210: What is fixture type P1 in Gallery Seating? | THIS FIXTURE WAS DEFINED IN ADDENDUM 3. SEE ANSWER TO ITEM 57. |
| 79 | | What is fixture type V3 in Lobby 236 | THIS FIXTURE WAS DEFINED IN ADDENDUM 3. SEE ANSWER TO ITEM 57. |
| 80 | | Fixture types BL & JF1 are shown recessed in catwalk access 303 and surface mount on catwalk. Is this correct? | FIXTURES BL AND JF-1 ARE SURFACE MOUNTED. SYMBOLS AND MOUNTING HEIGHTS ADDRESSED IN ADDENDUM 5. SAME AS ITEM 59. |
| 81 | 012300 | Alternate #2 - Theatrical Equipment is not referenced on electrical plans. Please advise. | <p>THE INFRASTRUCTURE SUPPORTING THE ADD ALTERNATE #2 ITEMS HAS BEEN INCORPORATED INTO THE BASE BID DOCUMENTS.</p> <p>ADD ALTERNATE #2 ITEMS INCLUDE, BUT ARE NOT LIMITED TO:</p> <ul style="list-style-type: none"> ▪ A/V COMPONENTS - REF. A/V DOCUMENTS; ▪ GREENSHOW & SEMINAR GROVE FINISHED STAGE ASSEMBLIES (CONCRETE SLAB & A/V INFRASTRUCTURE IN BASE BID); ▪ SUSPENDED PIPE GRID AT REHEARSAL ROOM - REF. THEATRICAL DOCUMENTS; |

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| | | | <ul style="list-style-type: none"> ▪ ACOUSTICAL DRAPES AT REHEARSAL ROOM ▪ SEMINAR GROVE BENCHES ▪ SEMINAR GROVE STAGE AND GREENSHOW STAGE |
| 82 | 012300 | Alternate #3 – Retractable Roof is not referenced on the electrical plans. Please advise. | THE ADD ALTERNATE #3 SCOPE IS AS IDENTIFIED IN THE DIVISION 1 “ALTERNATES” AS WELL AS IN “ALLOWANCES”. |
| 83 | general | Please confirm that the June 24 th at 12:00pm deadline for cost reduction proposals means that cost reductions cannot be offered during the interview process. | CORRECT; WE DO NOT EXPECT COST REDUCTION PROPOSALS TO BE PRESENTED AS A PART OF THE INTERVIEW PROCESS. HOWEVER, MEMBERS OF THE SELECTION COMMITTEE MIGHT INTRODUCE THIS QUESTION. |
| 84 | general | Will data cabling be included in Contractor’s scope or will this be by others? | DATA CABLING SHALL BE INCLUDED AS PART OF THE GENERAL CONTRACTOR’S SCOPE. [REVISION TO ADDENDUM 4] |
| 85 | 051200 | 1.8 states that fabricator is required to be AISC-Certified Plant, Category STD. Is this correct? | THIS IS CORRECT |
| 86 | 051200 | Requirement for steel erector to be AISC-certified is not found in specifications. Is this correct? | THIS IS CORRECT |
| 87 | 061000 | Requirement for rough carpentry to be FSC material is not found in specifications. Is this correct? | THIS IS CORRECT – THE ROUGH CARPENTRY IS NOT REQUIRED TO BE FSC CERTIFIED. |
| 88 | general | Is a current LEED Checklist available? | TO BE PROVIDED IN FORTHCOMING ADDENDUM. |
| 90 | | <p>We do not have a complete grading plan. In order to provide an accurate bid we need a plan that includes present and proposed topography. This plan should also have top of concrete elevations along all sidewalks, and curb and gutter. We should also be given top of concrete and finish grades along all retaining walls and stairways.</p> <p>This question was presented to all generals before the release of the third addendum. We do not see that it was addressed.</p> | AN UPDATED GRADING PLAN IS PROVIDED IN ADDENDUM 04. ALSO PROVIDED IN ADDENDUM 04 IS THE SITE SURVEY PLAN FOR REFERENCE. |
| 91 | | <p>The over-excavation requirements call for excavation down to the supportive gravel layer with an equal distance lateral of all footings. On the theater building this requirement will put your over-ex into the adjacent roads and properties, as the excavation will be between 26’ and 31’. This will effect the North, West, and South sides.</p> <p>On the Arts building we are excavating between 14 and 18 feet down which at a minimum will push the excavation into</p> | <p>BASIS OF DESIGN APPROACH IS TO STABILIZE THE SOIL BY INCORPORATING GEO-PIER SYSTEM; THEREFORE, NO EXTENSIVE OVER EXCAVATION NOR SHORING WOULD BE REQUIRED. HOWEVER, THE CONTRACTOR HAS THE OPTION OF EITHER APPROACH—OVER EXCAVATION AND FILLING WITH STRUCTURAL FILL, OR GEO-PIERS.</p> <p>ADDENDUM 01 TO THE GEO TECH REPORT IS ALSO BEING PROVIDED IN ADDENDUM 04 FOR REFERENCE.</p> |

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| | | UDOT sidewalk and roadway. | |
| 92 | | If piers are chosen, the soils report says to use piers and Structural Slabs. We need to know what type of prep work will be required under the slab. This information is not in the soils report. | (SEE RESPONSE ABOVE) |
| 93 | | If over-excavation is chosen as the means of construction. Then shoring needs to be addressed by all generals. | (SEE RESPONSE ABOVE) |
| 94 | | <p>I have been reviewing the plans a little closer. I have found on the RCP a tag that identifies where they want manual roller shades with the 12.4 keynote. It appears only 1 window is needing shades for this building. It is an SA window. The question I have is how many banks of the window do they want covered with the shades, and at what height do they want the shades installed?</p> <p>They never did answer the questions I asked in the first RFI about using Mariak Industries or Hunter Douglas as an alternate since the shade cloth specified is not available from MechoShade.</p> | SEE RESPONSE TO ITEM 46 ABOVE. |
| 95 | | <p>Have reviewed addendums 1-4 and still do not see a specification for the 7/8" plaster on the Art Museum. Please advise.</p> <p>Also, wondering if architect/owner would like to see an EIFS option in lieu of the 7/8" plaster. We will be bidding the Acoustical Plaster, Cement Plaster scopes. Still deciding on the MSDW scope.</p> | <p>SEE SPECIFICATION SECTION PROVIDED IN ADDENDUM 5.</p> <p>EIFS IS NOT AN ACCEPTABLE PRODUCT ON THIS PROJECT.</p> |
| 96 | Air Barrier | I'm trying to put together our bid for the SUU jobs and I'm having a tough time figuring out what they are looking for with the air barriers. I am working through the addenda right now as well so they may have already addressed it but the spec calls out 3 different types of air barrier (Water resistive membrane, fluid applied air barrier & self-adhered air barrier) and the plans simply state "weather barrier" Can you clarify for me what they | The specification language specifically describes each product's usage Water Resistive Membrane is the most prevalent, and occurs at the rainscreen assemblies (with exceptions - ref. Drawings). Fluid Applied at applications per Wall Types; ref. masonry / concrete walls scheduled to receive wall cladding w/o insulation. (NOTE: it is a Contractor Option to use Fluid-Applied in lieu of Self- |

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| | | are looking for where? Thanks | Adhered). Self adhered type occurs at material change-over, door / window openings, flexible flashing, etc., as well as being a Contractor Option in lieu of Fluid-Applied. In short, the air barrier product must be coordinated with the wall assembly, including the substrate, and whether or not the wall substrate is exposed as part of the rainscreen wall assembly. |
| 97 | Conformance Set | In reviewing the addendum 6 that is a conformance set, it was noticed that many of the bulleted items in the narrative portions of previous addendum have not been added to the corresponding drawing pages. Could this be done so as to truly be a conformance set? | The Design Team has made every effort to incorporate all previous Addenda into the issuance of the Bid Documents with Addendum 6, for the convenience of the bidders. However, Addendum 6 should not be construed as the <i>final</i> Conformed Set. Additional clarifications and responses to contractor questions have been issued with Addendum 7 - some of which amend previous information or responses. |
| 98 | Carpet | I am not sure if I should talk to you about this or the Architect. i have a few questions on the size and placment of the walls from the Architect plans. One of them is Room 147 found on page U-AE101B. Are these going to be the same size as shown or normal size? The other wall on same page is the main wall on the right side of this plan. Open Work Area 155 and 161. There are 2 lines one on the inner side and one in the middle. Do you know which line I should take the carpet to. | Extents of carpet are shown on the finish floor plan sheets. Carpet product and installation patterns are indicated in the finish schedule sheets. Contractor is to reference sections and details as necessary to see extends of walls. |
| 99 | Electrical | Addendum #6 electrical site plan has up to #17 key notes called out but the key notes only go up to #8. It looks like some critical information is missing. In some instances the addenda narrative doesn't match the addenda plans. | Must be referencing S-ES001, the SUMA site plan. The 2 site plans have been coordinated for addendum 7. |
| 100 | GYP/Accoustical Plaster Ceiling | Will GFRG be allowed as an approved equal for the ceiling inside the Southern Utah Museam of Art? The finish is nicer than GYP or Accoustical Plaster and is often more cost effective. | No |
| 101 | LEED | Does all the demo material fall within the 95% recycled | The Construction Waste Management requirements have |

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| | | construction material content for LEED? | been amended. Refer to Section 017419 Construction Waste Management & Disposal issued with Addendum 7. |
| 102 | Drawings | <p>We have found the following discrepancies with add # 6.</p> <p>SUMA</p> <p>The following drawings all have add # 6 in revision block. However, these drawings are not listed on the narrative for add # 6 S-LG101, S-LM101, S-LM102, S-LM501, S-LP101, S-LP501, S-LI101, S-LI501, S-LI502, S-AE501, S-AE604</p> <p>Drawing S-GI102 is listed on add 6 narrative. However, the latest drawing revision is for add 5.</p> <p>USF</p> <p>The following drawings all have add # 6 in revision block. However, these drawings are not listed on the narrative for add # 6 U-LP101, U-LP501, U-LI101, U-LI501, U-LI502, U-LM401, U-LM501, U-AE101C,</p> <p>The following drawings are listed on add # 6. However, add # 6 is not shown in revision block of drawing. (Note: there are clouds on the drawings with a revision 6). U-AE100d, U-AE101Cd, U-AE102Ad, U-AE102Bd, U-AE102Cd, U-AE604</p> <p>There is also a problem with the specs. USF Spec Section 057300 – add # 6 states it added section to project manual. However, this spec was not part of add # 6.</p> | <p>There were no changes to any S-Lxxxx sheets for Add. 06 - the drawing revision block is incorrect. The narrative should have indicated changes to S-AE501. Specifically, S-AE501: wall type SH5 was added to similar wall types SH41 and SH4. S-AE604: revised dimensions for window types SO and SP.S-GI102 had no changes for Add. 06 - the narrative is incorrect (same description as from Add. 05)</p> <p>There were no changes to any S-Lxxxx sheets for Add. 06 - the drawing revision block is incorrect.</p> <p>The narrative should have indicated changes to U-AE101C. Specifically, elevation D2/U-AE212 was added to drawing A3 on sheet U-AE101C.</p> <p>The dimension plans (with the d designator at the end of the sheet name) only had a change to the General Wall Note #4 as indicated in the narrative; Sheets with only a revision to the general or keynotes have not been clouded (only listed in the addendum narratives (and thus Addendum 06 was not listed on these sheets.</p> <p>The revision listed in the narrative for sheet U-AE604 should have been listed for sheet U-AE605. There were no revisions to sheet U-AE604 in addendum 06.</p> |

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| | | | <p>USF Specification Section 057300 <i>Decorative Metal Railings</i>, was incorrectly identified in the Addendum 6 Narrative as being incorporated into the Project Manual. Instead and to clarify, Section 055213 <i>Pipe and Tube Railings</i> has been revised to include dark bronze anodized aluminum railings.</p> |
| 103 | Millwork | <p>I have noticed it is calling out for ¾" laminate on the interiors of the cabinets that have doors. Can this be Melamine?</p> | <p>The Drawings indicate the required assemblies. Specification section 064203 accurately identifies the requirements for cabinetry construction <i>where elements are not specifically identified on the drawings</i>.</p> |
| 104 | Flooring | <p>I also have a question does hardwood go under the two displays colored in purple (SUMA reception desk and education collections desk)</p>  <p>The image is an architectural floor plan of a room. The majority of the room's floor area is highlighted in yellow. Two specific areas are highlighted in purple: a curved shape on the left side and a rectangular shape on the right side. The plan shows various rooms, corridors, and furniture layouts with technical drawing lines and annotations.</p> | <p>The reception desk has hardwood flooring under the countertop surface and at the "niche" created for the storage of the mobile units (C6/S-AE532). See typ. base detail. Thjere is no hardwood inside StorageE6/S-AE534. The worktable in S-102 has a 5" deep toe kickspace all around that would have hardwood flooring. The floor area under the perimeter framing and void does not have hardwood.</p> |
| 105 | Piers | <p>Could controlled modulus columns be utilized in place of drilled aggregate piers?</p> | <p>UTILIZING THE CMC APPROACH IS A CONTRACTOR "MEANS AND METHODS" OF CONSTRUCTION.</p> |

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| | | | THEREFORE, CONTROLLED MODULUS COLUMNS MAY BE UTILIZED PROVIDED THAT THE SOIL BEARING CAPACITIES CAN BE ACHIEVED AND DOCUMENTED WITH APPROPRIATE TESTING. |
| 106 | Millwork | <p>After reviewing the drawings and the specs for the SUU Center for the Arts -Southern Utah Museum of Art and the Shakespeare Facility, I have a couple RFIs that need clarification.</p> <p>1 – The Reception Desk is designed to have a steel stud sub-structure with Cedar Planks attached with Z-clips around the curved structure. Would it be possible to change the design of the substructure to be part of the wood cabinetry. This would allow the millwork sub-contractor more control to create a better finished product. Some variables are hard to control by doing extensive fitment and finishing on-site. Please advise</p> <p>2- The spec sections 064203 INTERIOR ARCHITECTURAL WOODWORK, both call out that the project Woodwork Quality Standard Compliance Certificates is AWI QCP certificates. It later states that interior woodwork grade is Premium. The specs are vague when stating whether or not the project requires product labels and is certified as an AWI registered job that could require inspection (attached is an AWI guideline of how to call out that this is a certified project in the specs). There are many firms that are members of AWI but are not certified participants in the QCP program. AWI QCP Certified projects will have added cost to accomplish the work within the specs and AWI guidelines. Please advise</p> <p>3- In spec section 064203 INTERIOR ARCHITECTURAL WOODWORK_2.4 FABRICATION_D. Wood Cabinets for Transparent Finish, the semi-exposed surfaces (interiors) of cabinets are the same species and</p> | <p>1. The substructure of the desk is steel stud infill between HSS 2x2 posts with a cantilevered armature anchored to the floor slab. The drawings accurately identify the design intent for the finished product. Further, the Contract Documents have been produced to achieve a confident level of performance from the finished end product. While there are often several ways to produce the finished product, deviations from the Contract Documents are solely at the contractor's risk.</p> <p>2. All interior architectural woodwork components shall be evaluated for compliance with the AWI's Architectural Woodwork Standards. QCP certificates and registration are not project requirements. Item 1.2.E has been removed from specification section 064203.</p> <p>3. Specification section 064203 accurately identifies the requirements for cabinetry construction where elements are not specifically identified on the drawings. EXCEPTION: The interior drawer boxes of the SUMA Reception Desk shall consist of finished plywood (or solid wood) with dovetailed corner joints.</p> |

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| | | <p>cut of the face wood veneer. Is it the design intent to follow the specs and have Melamine drawer boxes (Thermoset decorative panels) in these high-end finished cabinets, or would a solid dovetail drawer be an alternative? Please advise</p> | |
| 107 | Communicati on Cabling | <p>Could you clarify the communications room locations? It seems some of the communications cabling will be out of distance with the known communication room locations.</p> <p>What is the campus feed requirements for communications cabling on this project? Sheet U-ES001 simply shows various locations of fiber with no strand counts or types.</p> <p>Will there be no copper campus feeds for communications on this project? Sheet U-ES001 simply shows various locations of fiber with no copper listed.</p> <p>What buildings are requiring campus feeds for communications cabling? Sheet U-ES001 only shows two new fiber feeds neither of which go to the SUMA building. Is the SUMA building not included in the campus feed cabling?</p> <p>There seems to be no security cameras for the Shakespeare Theater. Will this building have security cameras? If so, what plan sheets are these located on?</p> | <p>The main comm room is in the basement, Comm 005. There is a comm room on the first level, area B, Comm 138. There is a comm room in the second level, area C - Comm 251.</p> <ul style="list-style-type: none"> - A riser diagram has been included in addendum 7 that clarifies fiber and copper requirements. - Security cameras are noted on the EY series of sheets with a jbox and a note indicating "..for future CCTV." |
| 108 | Q&A | <p>Since Addendum #6 is the conformance set, it seems like it would make sense to revise the answers on the Q&A so that they do not respond back to addendum #3, 4 or 5.</p> | <p>The Design Team has made every effort to incorporate all previous Addenda into the issuance of the Bid Documents with Addendum 6, for the convenience of the bidders. However, Addendum 6 should not be construed as the <i>final</i> Conformed Set. Additional clarifications and responses to contractor questions have been issued with Addendum 7 - some of which amend previous</p> |

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| | | | <p>information or responses. The Design Team will not go back and amend previous responses to questions as this could create more confusion and, per the Contract Documents, the most recent Addenda supersede any previous Addenda.</p> <p>The Questions and Answers document is provided as a "running list" of questions received and responses provided and, per above, will not be amended at this time.</p> |
| 109 | Bid Form | Please acknowledge that Addendum #3, 4 or 5 do not need to be acknowledged on the bid form and for all intensive purposes, are being removed from the contractual bid documents. | General Contractors shall be required to acknowledge, on the Bid Form, <i>receipt of Addenda 6 and later</i> . There is not a need to identify Addenda 1-5. |
| 110 | Gates | Does the gate on the east of USF by Stair #6 have any details? They do not show up U-AS401. | All site gates are to be constructed similarly. See A6, C5, and C6/ U-AS502 for details. |
| 111 | Glu-Lams | Exterior Glu-lam construction: Please provide Stain or transparent finish for exposed glu-lam members. | Specification identifies the stain and finish requirements, including the requirement to provide samples for architect's final selection: 1. Provide color samples for initial stain selections. 2. Provide finished, stained samples on actual members for final selections. Note: 2 stain coats may be required to achieve desired color. Multiple samples may be required to verify color. |
| 112 | Section 012300 | Section 012300 Alternates describes the 4 alternates clearly but on the plans, U-AS101B a note says to Add Alt. 1: paving material to be at studio theatre plaza; page U-LM101 a note says Add Alt 2: seminar grove benches; and on page U-LM102 a note says ADD Alt 2 use same pavers as SUMA. Please clarify these notes. | U-AS101B is correct. The paving at the studio theater should be included in Alternate #1. See below for a clarification to specification section 012300 which includes a more detailed description of Alternate #2. Notes on drawings U-GI104 and U-LM102 have been revised to be consistent with the extended description of Alternate #2 and U-AS101B. Seminar Grove benches should be included in Alternate #2. |
| 113 | Lighting | 1. What is light fixture type EX? 2. What is light fixture type X5? | The EX and X5 fixtures might be mislabeled in the drawings. Further clarification will be issued in an |

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| | | 3. 263533 Power Factor Correction Capacitors. Where are these located? They are not shown on the plans. | upcoming addendum. Spec section 263533 has been removed per Addendum 07. |
| 114 | Masonry | Is all masonry that is exposed. Going to be painted or use colored CMU, and if choose colored CMU do you want a Honed CMU or Smooth Colored CMU. | At the Shakespeare building, there are only a couple locations where CMU is exposed—the back side of the outdoor stage wing walls in Backstage 102 which receives a painted finish per the details, and the south wall of Actor Queuing 114 which receives no painted finish. |
| 115 | Spiral Stair at Shakespeare | On U-AE412 detail C3 shows a 4 tread 90 degree spiral and on E3 a 12 tread 270 degree spiral that look to be stacked? please define the situation that we need to meet for your project. | Yes, these stairs are stacked. This is shown in sections A3 and A5 on sheet U-AE335. The spiral stairs were adjusted slightly in order to comply with the code requirement of 7-1/2" tread depth 12" from the narrow edge—this revision has been issued in Addendum 07. |

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| addendum number | 08 |
| date | July 10, 2014 |
| project | Southern Utah University Beverley Taylor Sorenson Center for the Arts Utah Shakespeare Festival Facility |
| DFCM project number | 12218730 |

This Addendum forms a part of the Contract Documents and modifies the original construction documents dated May 28, 2014, and all subsequent addenda.

UTAH SHAKESPEARE FESTIVAL FACILITY (USF)

QUESTIONS/RESPONSES

SEE REVISED QUESTIONS & ANSWERS DOCUMENT PROVIDED WITH THIS ADDENDUM AS A SEPARATE DOCUMENT.

CHANGES TO USF DRAWINGS:

| item # | revision or clarification | sheet/drawing | description |
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| ELECTRICAL | | | |
| 01 | clarification | U-EL101A | Exit signs at the first floor outdoor theater labeled as X5 are now labeled as X3. Fixture type X5 no longer exists in project. Note: no sheet is being re-issued to reflect this revision. |

End of addendum narrative.



CENTER FOR THE ARTS - QUESTIONS FROM CONTRACTORS

ADDENDUM 08: REVISIONS AND UPDATED RESPONSES (new questions and responses in red text)

| NO. | SHEET / SPEC SECTION | QUESTION | RESPONSE |
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| 1 | general | Several specification sections are missing on both of the buildings (both in the general requirements as well as several of the specific scopes). We are assuming these will be issued via addendum shortly. Please confirm. | SEVERAL SPECIFICATION SECTIONS WERE ISSUED WITH ADDENDUM #3. ADDITIONAL SPECIFICATION SECTIONS WILL BE ISSUED IN ADDENDUM #4. |
| 2 | general | The schedule has been updated to show the new bid date as June 24 as discussed during the pre-bid meeting, however, the DFCM website is still showing this project as bidding on June 23. Please update. | PLEASE SEE ADDENDUM #1. |
| 3 | general | Several buildings are scheduled to be demolished as part of this project. The specifications indicate that we are to verify that hazardous materials have been remediated before proceeding with demolition. It is our assumption that the Owner will be handling all hazardous materials remediation. Is there any information available on this? Has any of the remediation work been done yet? | <p>THE REMEDIATION WORK IS COMPLETE; NOTE THE FOLLOWING:</p> <p>The Brown Medical Clinic (also known as the Costume Shop) contains a plaster-like material in walls and ceilings that contains less than 1% asbestos. This material is part of the “wall system” (sheetrock, joint tape and joint compound). Only the joint compound contains any detectable asbestos (less than 1%). EPA does not normally regulate materials containing less than 1% asbestos. OSHA regulations require anyone who disturbs any material with detectable asbestos to utilize wet methods, prompt cleanup of debris, leak-tight packaging of the waste, and personal monitoring during the work to ensure employees are not exposed above any permissible exposure level (PEL). All personnel must be trained so they recognize the potential hazards associated with asbestos. Contractors working on materials containing less than 1% asbestos during this work will be trained and monitored by a third-party consulting firm hired by the State. All ACM waste will be disposed of at the Cedar City Landfill.</p> |
| 4 | general | What are the BIM requirements for this project? No information is provided. | THERE ARE NO BIM REQUIREMENTS FOR THIS PROJECT FOR CONTRACTORS. |

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| 5 | general | Will bid bonds be required for subcontractors on this project? If so, is it for all subcontractors over \$100k or is there a different limit? | SUBCONTRACTOR BONDS ARE NOT REQUIRED FOR THIS PROJECT. |
| 6 | general | Is this project sales tax exempt? | YES |
| 7 | general | There is an existing pathway along the north side of the Randall Jones Theater that is lined with bricks that have donor names engraved on them. The plans do not indicate what is to be done with those bricks. See page C-01. We assume they are to be salvaged. Please provide information. | THE UNIVERSITY WILL REMOVE THE BRICK PAVERS, OR THE PAVERS WILL NOT BE REQUIRED TO BE SALVAGED. |
| 8 | C-03 / U-LG101 | Sheet C-03 shows the finished floor of the north end of the Shakespeare building at 38.33, but sheet U-LG101 shows the finished floor at 36.33. Which is correct? | SHEET U-LG101 HAS THE CORRECT ELEVATION; SHEET C-03 WILL BE UPDATED (REF. ADDENDUM 04). |
| 9 | U-EL101A | Back Stage 102. What fixture type is this 1x4? Cosmetology 130. What fixture type is this 8' linear? Back stage walls, Actor Queuing walls, West masonry wall. These walls indicate a type "BL" fixture which is a blue running light. Is this correct? Or are these WL lights? | (BACK STAGE 102 PROVIDED IN ADDENDUM 4. COSMETOLOGY PROVIDED IN ADDENDUM 3 TYPE BL FIXTURES PROVIDED IN ADDENDUM 5) |
| 10 | U-EL101C | Green Rm-2 & Dressing Rms. What fixture type are these 2x4 troffers? | (PROVIDED IN ADDENDUM 3) |
| 11 | U-EL102A | Balcony Stage. Are these fixtures type "BL as indicated or type "WL"? Corridor. A type "DR" fixture is shown in corridor. This "DR" is not on the fixture schedule. What type is it? What type of fixtures are the ones shown on the north wall of corridor? What fixture type are those shown at top of control booth, grid E/8.8? | (BL FIXTURES PROVIDED IN ADDENDUM 5 DR FIXTURE PROVIDED IN ADDENDUM 5 NORTH WALL OF CORRIDOR TYPE BL TO BE PROVIDED IN ADDENDUM 6 TOP OF TOWER FIXTURES ARE TYPE L9 PROVIDED IN ADDENDUM 4) |
| 12 | U-AE602 | The finish schedule lists the rooms that get quartz countertops (Women's 113, 170, and Men's 112 and | PROVIDED IN ADDENDUM #4, WITH FURTHER CLARIFICATION IN ADDENDUM #5; <i>INTERIOR</i> |

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| | | 169). There are several Unisex restrooms, and Women's 208 and Men's 209. According to the finish schedule these will receive plastic laminate countertops. Is this correct? | ARCHITECTURAL WOODWORK SECTION ISSUED IN ADDENDUM 6. |
| 13 | U-AE101A | On architect's sheet U-AE101A the floor plan of Stage 101 shows elevation markers A6/U-AE203 and D5/U-AE202 and NOTE 6.18 Stage Decorative Railing. There are no architect's sheets U-AE202 and 203 and no information about the railing. Is there information on these items? | SHEET U-AE203 WAS ISSUED IN ADDENDUM #4. SHEET U-AE202 TO BE ISSUED IN AN UPCOMING ADDENDUM. DETAIL FOR STAGE DECORATIVE RAILING HAS BEEN PROVIDED IN ADDENDUM #4. |
| 14 | U-AE404 | On sheet U-AE404 E4 Admin 2nd Floor Reception Desk, E5 Admin Reception Desk and C5 Concessions 210 there are no elevations or information for these items. What is required? | PROVIDED IN ADDENDUM 6. |
| 15 | U-AE212 | In Green Room 167 the elevation A3/U-AE212 shows section markers but no elevation of casework. Please clarify. | SEE A3/U-AE212. MILLWORK IS INCLUDED IN STUDIO THEATER ADD ALTERNATE 1. |
| 16 | DIVISION 1 | Please provide the Boiler Plate and Supplemental Information spec sections. | THE DIVISION 1 SPECIFICATION SECTIONS HAVE BEEN ISSUED IN ADDENDUM #3. THE DFCM SUPPLEMENTAL INSTRUCTIONS ARE LOCATED IN THE RFP PAGES 18-29. |
| 17 | 044300 | Section 044300 is missing from the Specs. If you could please email that section to us that would be great. | PROVIDED IN ADDENDUM #4. |
| 18 | DIVISION 1 | Please provide Div 1 of the specs. | PROVIDED IN ADDENDUM #3. |
| 19 | S-AE505 | What is the manufacturer of the 6"x36" Narrow Modular precast concrete pavers? Are the precast "modern profile" starter nosing w/ integral aggregate warning stripe from the same manufacturer? What is the stone for the stone bench? See S-AE505 A2, A6, C3,4 &6. | CLARIFICATION PROVIDED IN ADDENDUM #5 THE BASIS-OF-DESIGN MANUFACTURER IS AS FOLLOWS: Stepstone, Inc. 17025 S. Main St. Gardena, CA 90248 310-327-7474 Color: Granada white; REF: A6/S-AF101 STONE BENCH: HONED GRANITE SLAB; BASIS-OF-DESIGN FOR GENERAL COLORATION DESIRED: <ul style="list-style-type: none"> • FRANCINI, INC. PRODUCT: <ul style="list-style-type: none"> • FUSION, BRAZIL SAMPLE IMAGE: |

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| 20 | S-AE401 | Staff WC's have a 4' wainscot of ceramic tile noted "9.3". What is this product? Is it different than the product for the public toilets (noted as B6/S-AE401) the note for this was 9.4? | WALL TILE SHOULD BE SAME PORCELAIN TILE USED AT PUBLIC RESTROOMS AND DESCRIBED ON B6/S-AE401. |
| 21 | XXXXXX | Is there a spec section for the precast interlocking concrete pavers and stair treads? I only found a 321400 "Stone Pavers" section. | (TO BE ADDRESSED IN AN UPCOMING ADDENDUM) |
| 22 | 321400 | Section 321400 2.4.A it calls out "Sanded Epoxy Joint Filler". Is this polymeric sand? We are not familiar with an epoxy product for filling sand-set paver joints. | THE SPECIFIED PRODUCT IS CORRECT. THE MANUFACTURER'S INFORMATION: GftK-International; gftk-international.com |
| 23 | 093000 | Section 093000 1.1.A.4 includes tile backer units as part of our section. Are these to be included in our scope? They are usually in the drywall scope to be in sequence. | IT IS AT THE CONTRACTOR'S DISCRETION AS TO WHAT TRADE PERFORMS THIS SCOPE. |
| 24 | 093000 | Section 093000 2.3 calls out almost every grade and type of thinset, adhesive and grout (including epoxy. What methods and materials are to be used in what areas? Could the specifier detail the TCNA methods/materials we are to use in specific areas? | ADDRESSED IN ADDENDUM 6 |
| 25 | S-AF101 | I see there is wood flooring on the finish schedule but it is missing a specification. Can you clarify what wood is to be installed? | PRE-FINISHED, ENGINEERED CUMARU; SPECIFICATION SECTION INCLUDED IN ADDENDUM 6. |
| 26 | general | Is there going to be a pre-bid site visit for this project that subcontractor's may attend? | THE SITE IS OPEN AND AVAILABLE TO ALL CONTRACTORS FOR REVIEWING EXISTING CONDITIONS. |
| 27 | XXXXXX | The Architectural Woodwork is mentioned in the Specification | SPECIFICATION SECTION INCLUDED IN ADDENDUM 6. |

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| | | index, but are not included in specs. Can you please provide this spec? | |
| 28 | general | <p>We are missing several drawings for this job. Not due to our error, but rather that the drawings have not been included in the bid package.</p> <p>For example: on drawing U-AE101A alone, there are section cuts taking us to the following drawings that are not included in the drawing package: U-AE511, U-AE202, U-AE203, U-AE541.</p> <p>We have also notices that drawings U-AE522, U-AE523 are called out and are not included in the package. We need to request these from the Owner ASAP.</p> | <p>ADDENDUM #4 CONTAINS ADDITIONAL SHEETS TO ADDRESS THESE REQUESTS, AS WELL AS FOR CLARITY AND COORDINATION.</p> <p>REFER TO DRAWINGS ISSUED IN ADDENDUM 6.</p> |
| 29 | C-04 | Does the existing curb and gutter along College Avenue to the east of 200 West get removed? | THE CURB AND GUTTER TO BE REMOVED IS SHOWN TO STATION 7+45.3 ON SHEET C-04. |
| 30 | general | Is there an Asbestos report? Are there any Asbestos Containing Materials that will be demo'd from the existing buildings and homes? If so, its it friable or non-friable? Or is this abatement already completed. | SEE RESPONSE TO ITEM #3 ABOVE. |
| 31 | C-01 | C-01 General Note #2 is very vague. Please specifically identify as many features that are to be removed. Unknown conditions that are encountered during demolition will be a change order by any GC/Sub, so it would behoove the project to identify these items during the bid process. | THE EXISTING SITE CONDITIONS HAVE BEEN PROVIDED WITH ADDENDUM 4. DEMOLITION PLANS AND NEW CONSTRUCTION PLANS HAVE BEEN ISSUED. IT IS NOT PRACTICAL TO IDENTIFY EVERY ITEM TO BE REMOVED / DEMOLISHED WITH THIS SCOPE; IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW THE DOCUMENTS AND VERIFY CONDITIONS PRIOR TO BIDDING. PER ITEM 26 ABOVE, THE SITE IS OPEN AND AVAILABLE FOR REVIEWING THE EXISTING CONDITIONS. |
| 32 | U-AE511 | Sheet U-AE511 seems to be missing. | SHEET WILL BE PROVIDED IN ADDENDUM #5 |
| 33 | 081113 | HM Frame & Door spec section is missing. Please issue. | PROVIDED IN ADDENDUM #3; REVISED IN ADDENDUM #4. |
| 34 | ADD ALTERNATE 01 | <p>Please clarify the general scopes of work that are being incorporated into Alternate #1.</p> <p>For example, U-AE112C indicates that R19 batt insulation is to be included in Alt #1, but is this correct? Wouldn't core and shell and insulation and drywall be part of the base bid?</p> <p>How about floor finishes, UIF101 says that base bid is for gravel base finish in most of Area C? Why not at least a</p> | <p>THE ADD ALTERNATE 01 SCOPE IS TYPICALLY DESCRIBED AS PROVIDING A "WARM SHELL", WHICH INCLUDES, BUT IS NOT LIMITED TO:</p> <ul style="list-style-type: none"> ▪ EXPOSED GRAVEL BASECOURSE AND VAPOR BARRIER (NO CONCRETE SLAB); ▪ INTERIOR AND EXTERIOR INSULATION, EXTERIOR WALL ASSEMBLIES AS IDENTIFIED IN THE WALL TYPES TO CREATE AN EFFICIENT BUILDING |

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| | | <p>concrete floor?</p> <p>How about fire sprinklers - throughout entire Area C for base bid? Per U-AE602 the room finish schedule might be interpreted that fire sprinklers in those rooms are to be part of Alternate #1.</p> <p>Please clarify this whole scope.</p> | <p>ENVELOPE;</p> <ul style="list-style-type: none"> ▪ FINISHED GYP. BOARD WALLS AT MEZZANINE LEVEL PER WALL TYPES; ▪ CORRIDORS 175 & 176 SHALL BE COMPLETE & FINISHED TO MEET EXITING REQUIREMENTS, AS IS ACTOR QUEING 178 AND STAIR 179; ▪ REMOVABLE, TRANSLUCENT VINYL FILM AT WINDOW TYPES F, G, H, J & K (TO GRID 6) TO CONCEAL UNFINISHED INTERIOR SPACE; ▪ EXPOSED ROOF STRUCTURE AS IDENTIFIED ON U-AE111C; ▪ POWER & RECESSED AREA FOR ADA LIFT; ▪ HVAC SYSTEM AS IDENTIFIED ON DOCUMENTS; ▪ FIRE SPRINKLER SYSTEM COMPLETE AND OPERATIONAL TO ALLOW FOR RECEIPT OF CERTIFICATE OF OCCUPANCY; ▪ BURIED PIPING FOR DRAINS, WASTE, ETC.; ▪ BURIED CONDUIT FOR FIBER, DATA, COMMUNICATION, POWER, ETC. <p>THE DESIGN TEAM HAS MADE EVERY ATTEMPT TO CLARIFY THIS SCOPE IN THE DOCUMENTS IN SUPPORT OF AND ADDITION TO THE GENERAL DESCRIPTION ABOVE.</p> |
| 35 | 033000 | Are there specs for sealed concrete and chemically stained concrete that can be issued? | PROVIDED IN ADDENDUM #3. |
| 36 | 211000 | Are Fire Sprinkler drawings going to issued OR are subs to bid based of NFPA code only? What is the anticipated PSI flow rate for each building? | FIRE SPRINKLER PERFORMANCE SPECIFICATION HAS BEEN PROVIDED – NO DRAWINGS WILL BE ISSUED; A FIRE FLOW ANALYSIS IS BEING CONDUCTED. |
| 37 | general / U-LG101 | One excavation contractor has requested more comprehensive grading plans that provide the finished elevations for all surface improvements that will assist in estimating quantities for all subgrade quantities. Top back of curbs, sidewalks, asphalt paving, stairs, etc. There is a landscaped grading plan but no civil grading plan. | <p>ADDITIONAL SPOT ELEVATIONS HAVE BEEN PROVIDED IN ADDENDUM #4. CONTRACTORS SHOULD REFER TO THE CIVIL PLANS FOR UTILITY IMPROVEMENTS; <i>LANDSCAPE AND ARCHITECTURAL SITE PLANS FOR FINISHED ELEVATIONS OF HARDSCAPE IMPROVEMENTS.</i></p> <p>DESIGN INTENT: THE PROJECT MUST MAINTAIN THE EXISTING SLOPES OF THE PERIMETER SIDEWALKS AND STREETS. THEREFORE, ANY REPLACEMENT OF PERIMETER CURB, GUTTER AND SIDEWALK AREAS WILL NEED TO VERY CLOSELY MATCH THE EXISTING CONDITIONS. SPOT ELEVATIONS, CROSS SLOPES AND LONGITUDINAL SLOPES HAVE BEEN PROVIDED – ALONG WITH NEW GRADING CONTOURS – IN ORDER TO TIE INTO</p> |

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| | | | <p>ESTABLISHED GRADES AT SIDEWALKS AND STREETS, AND TO BE ADA COMPLIANT.</p> <p>SPOT ELEVATIONS HAVE BEEN PROVIDED AT NEW VEHICLE CURB CUTS AND PEDESTRIAN WALKS TYING INTO THE EXISTING CONDITIONS (WHETHER NEW CONSTRUCTION MATCHING EXISTING GRADES, OR EXISTING-TO-REMAIN CONSTRUCTION).</p> <p>TOP-OF-WALL, TOP-OF-STEPS, TOP-OF-WALKS AND TOP-OF-CURB SPOT ELEVATIONS AND DATUMS HAVE BEEN PROVIDED – REF. TO BOTH LANDSCAPE GRADING AND ARCHITECTURAL SITE PLANS AND DETAILS.</p> |
| 38 | general | Does SUU have an established location for the disposal of demo'd materials? There apparently has been arrangements made on previous projects. | CONTRACTORS MAY UTILIZE WHAT IS REFERRED TO AS “THE CITY DUMP” IN ADDITION TO, OR IN LIEU OF, THE IRON COUNTY LANDFILL FOR DEMOLITION AND CONSTRUCTION WASTE. CONTRACTORS SHALL STILL BE REQUIRED TO MONITOR AND DOCUMENT THE CONSTRUCTION WASTE IN ORDER TO CONFORM TO LEED REQUIREMENTS. |
| 39 | 074247 | The Taktl panels on the plans and specification 074247 part 2.1F for show the nominal size to be 3' x 11'. The basis of design material is only 10' long. Please advise. | THE BASIS-OF-DESIGN PRODUCT IS AVAILABLE IN THE SIZE SPECIFIED. |
| 40 | 099123 | Will the painting specification for SUU BTS Center For The Arts be forthcoming, along with Architectural Woodwork. I was able to find the Shakespeare Facility painting specifications. | SPECIFICATION SECTION 099123 HAS BEEN ISSUED. INTERIOR ARCHITECTURAL WOODWORK SPECIFICATION SECTION WILL BE PROVIDED IN FORTHCOMING ADDENDUM. |
| 41 | SB101 / S-AS101 | What are the heights of the concrete walls on the SUMA building? On SB101 Ftg and Fdtn plan the footing heights are given are -1' or -4' and the top of the walls are not given. Should I assume the top of the wall is 0', besides the CP-1 or other details that show otherwise? | THE CONCRETE WALL ELEVATIONS AT SUMA ARE CURRENTLY SHOWN ON S-AS101; THESE ARE TRUE ELEVATIONS. THE (-1') OR (-4') INDICATED ON S-SB101 IS BASED ON THE FINISHED FLOOR ELEVATION, WHICH IS 28.01' (0'-0"). SD6/AE202 SHOWS THE NORTH CONCRETE WALL ELEVATION AND INDICATES IT AS 1'-3" ABOVE THE 0'-0" ELEVATION. |
| 42 | U-LG101 | <p>The grading plan seems to be incomplete.</p> <p>a. In order to provide accurate takeoffs we need a complete grading plan with existing and proposed topography. It should also include all top back of curb elevations and top of concrete elevations. This is a standard plan that has not been included in the set.</p> <p>b. Are there any estimated cut/fill quantities from the civil</p> | <p>REFER TO THE RESPONSE TO ITEM 37 ABOVE.</p> <p>THE CIVIL ENGINEER’S CAD FILES HAVE BEEN PROVIDED WITH ADDENDUM 6. NOTE: THESE FILES ARE FOR REFERENCE AND CLARIFICATION ONLY AND THE CONTRACTORS SHALL BASE THEIR BIDS OFF OF THE PDF FILES PROVIDED WITH THE BID DOCUMENTS AND ADDENDA.</p> <p>THE DESIGN TEAM WILL NOT BE PROVIDING AN ESTIMATION</p> |

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| | | engineer? | OF CUT/FILL QUANTITIES. |
| 43 | demolition | The demo specifications do not say anything about backfilling of the voids. Please provide information. | CLARIFICATION WILL BE PROVIDED IN ADDENDUM #5 |
| 44 | demolition | Site clearing includes the demo of the asphalt, concrete, trees and other site elements. Has any potholing been done to determine the thicknesses? | NO POTHOLING HAS BEEN OR IS PLANNED TO BE COMPLETED PRIOR TO CONTRACT AWARD. |
| 45 | general | Has the university or the state secured a dump site for the demo material? If so, where is it? What are the arrangements for dumping fees? | SEE RESPONSE TO ITEM 38 ABOVE. |
| 46 | 122413 | <p>Regarding the roller shades for this project, the basis of design is calling for MechoShades. The fabric being specified is not a MechoShade fabric. The fabric specified is a Phifer SW2900. This one does not exist. There is a Phifer SW2390 that is the same criteria that they are calling for with the SW2900. We will normally purchase shades using the Phifer SW2390 from Mariak Industries or Hunter Douglas Contracts.</p> <p>Also, the specifications call for L-Fascias and pocket style headboxes. It would be one or the other, not both. The L-fascias are used on surface mounted shades. The pocket style headboxes are used for shades recessed in the ceiling. The questions are:</p> <ol style="list-style-type: none"> Can we use Mariak Industries or Hunter Douglas Contracts for the Phifer Sheerweave fabric? Should the specified shade fabric really be the SW2390? How are the shades to be mounted so we know whether or not to use the L-Fascia or the Pocket Style Headbox? | <p>HUNTER DOUGLAS PRODUCT IS APPROVED. CLARIFICATION WILL BE PROVIDED IN ADDENDUM #5 AS AN APPROVED PRODUCT FOR THIS SPECIFICATION SECTION.</p> <p>THE <i>PRIMARY</i> MOUNTING CONDITION IS THE L-FASCIA AS MOST OF THE SHADES ARE MOUNTED TO CURTAINWALL MULLIONS (SHAKESPEARE MOUNTING CONDITIONS ARE SIMILAR TO A6/S-AE511). HOWEVER, CONTRACTORS SHALL REVIEW THE REFLECTED CEILING PLANS, ELEVATIONS AND FINISH SCHEDULE FOR CONDITIONS SPECIFIC TO EACH INSTALLATION.</p> <p>SUMA MOUNTING DETAIL SHOWN ON A6/S-AE511 WITH CALLOUT TO LARGER SCALE DETAIL C3/S-AE522. REFER ALSO TO SECTIONS B4/S-AE311 & B6/S-AE313. THE CEILING PLANS SHOWS THE MANUAL SHADES BEING PLACED AT WINDOW TYPE "SA" FROM THE NORTH SIDE OF THE ENTRY VESTIBULE TO THE CORNER (GRID 1/C) AND AT WINDOW TYPE "SI", "SH" AND "SF". REFER TO THE CEILING PLANS, SECTIONS AND WINDOW TYPES AT THE SHAKESPEARE BUILDING FOR ROLLER WINDOW SHADE LOCATIONS.</p> |
| 47 | 093000 | The specs for the tile (section 093000) are very general. Can the Architect specify TCNA floor & wall installation type for clarification? | CLARIFICATION WILL BE PROVIDED IN ADDENDUM #5 |
| 48 | XXXXXX | We could not find an elevation detail for the unisex rest room #242. Please advise. | REFER TO ADDENDUM 6. |

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| 49 | U-IF101 | Sheet U-IF101 shows GP 01 in areas 105A, 106 & 105b. Only 105b East Patron Plaza is on the finish schedule. Can we assume the other Plaza areas are GP 01 also? | YES, THE EXTENT OF GP 01 IS THROUGHOUT THE PLAZA LEVEL AS INDICATED ON U-IF101. |
| 50 | U-IF101 | USF - GP01 is listed in areas #105b & #108 but not in #105A & #106. Sheet U-IF101 shows in all these areas. Please clarify. | THE EXTENT OF GP 01 IS SHOWN CORRECTLY ON U-IF101. AREAS 105A, 105B, 106, AND 108 RECEIVE GP 01. |
| 51 | U-IF101 | USF - GP02 is on sheet U-IF101 at the stage by the seating but not on the finish schedule. Please clarify? | THE EXTENT OF GP 02 IS SHOWN CORRECTLY ON U-IF101 |
| 52 | | What type of ceramic wall tile is to be used in the family rest rooms S-115 & S-116 in SUMA? | WALL TILE SHOULD BE SAME PORCELAIN TILE USED AT PUBLIC RESTROOMS AND DESCRIBED ON B6/S-AE401. |
| 53 | | There is no detail of the ceramic tile in the walls of the janitors closet S-126 in SUMA. Please provide. | CERAMIC WALL TILE TO BE BY DAL TILE (OR SIMILAR), PEARL WHITE: QH63 (NATURAL HUES COLLECTION) 4"x4", 4'-0" HIGH X 4'-0" LONG AT EACH WALL SURFACE ABOVE THE CORNER TYPE SERVICE SINK. |
| 54 | 093000 | Is the Concrete Paver CON PVR 01 in our section Tiling 093000? Also are we to do the Granite Paver GP 01 & GP 02? | ADDRESSED IN ADDENDUM 6 |
| 55 | 012300 | In Add #3 Section 012300 part 3 3.1D schedule of alternates #4 is the base bid concrete Concrete Paver CON PVR 01? And is Granite Paver system the Granite Paver GP 01 or GP 02? Please clarify? | ADDRESSED IN ADDENDUM 6 |
| 56 | S-EG002 | Museum drawing S-EG002 fixture schedule contains no information for light fixture types C, L1A, L1B, L1C, L3, L4, L5, L8 X1 OR X2. | MANY OF LIGHT TYPES INDICATED ARE NOT ACTUALLY WITHIN THE SUMA AREA BOUNDARY DENOTED ON S-AS101 AND S-ES001 SO THEY WOULD NOT BE INDICATED ON SUMA ELECT. FIXTURE SCHEDULE. THOSE LIGHTS THAT DO OCCUR WITHIN THE BOUNDARY (L8, X1, X2) WILL BE ADDED TO FIXTURE SCHEDULE. |
| 57 | U-EG002 | Shakespeare drawing U-EG002 fixture schedule contains no information for light fixture types A1, F12, K1, or V3. | PROVIDED IN ADDENDUM 3 |
| 58 | U-EL101A / U-EL102A | It appears that the "BL" fixtures on sheet U-EL101A are actually type "WL". This same thing occurs on Sheet U-EL102A where it appears type "BL" is actually type "WL". Are we to assume all of these BL's are WL's? | WILL BE PROVIDED IN ADDENDUM 5 |
| 59 | U-EL103 | Sheet U-EL103: The fixture types JF-1 & BL in the catwalk access are shown as recessed while the same fixtures are shown as surface mount on the catwalk. Is this correct? | (BL AND JF-1 MOUNTINGS ARE THE SAME. FIXTURE SCHEDULE INDICATES WALL MOUNTED AND SAME FIXTURE FOR BOTH. SYMBOLS FOR BL HAVE BEEN PROVIDED IN |

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| | | | ADDENDUM 5) |
| 60 | U-EL102A | What are the fixtures at the top of control booth detail on sheet U-EL102A at grid line E/8.8? | (SAME QUESTION AS #11.) |
| 61 | U-EL102C | Sheet U-EL102C, alternate #1: What is fixture type JF-2 in corridor 249A? This is not on the schedule. | THESE FIXTURES SHOULD BE TYPE BL AND MOUNTED AT 7'6". |
| 62 | | Is there a lightning protection system on this project? This is in the specs but not on the plans? | SUMA WILL NOT REQUIRE A LIGHTNING PROTECTION SYSTEM. ON THE SHAKESPEARE FACILITY, GROUNDING SHALL BE PROVIDED TO THE THREE FLAGPOLES ATOP THE TOWER—SEE ADDENDUM 5. |
| 63 | general | Will the contractor be responsible for any Permit fees? | SEE ITEM #26 IN THE RFP. [REVISION TO ADDENDUM 4] |
| 64 | general | If Contractor bids come in under the FLCC, will cost reduction proposals still be included in cost analysis for scoring? | COST REDUCTION PROPOSALS SHALL NOT BE A PART OF THE SELECTION SCORING MATRIX. [REVISION TO ADDENDUM 4] |
| 65 | general | Please confirm that value engineering and cost reduction proposals will not be accepted after bid date of June 24 th at 12:00pm per the DFCM-provided schedule. | CONFIRMED [REVISION TO ADDENDUM 4] |
| 66 | general | Since cost reduction proposals are included as part of the selection scoring, will these cost reductions of the successful Contractor be made public after award? | THE BASE COST WILL BE USED TO DETERMINE POINTS FOR THE SELECTION. THE COST REDUCTION PROPOSALS WILL BE MADE PUBLIC AFTER THE AWARD OF THE CONTRACT. [REVISION TO ADDENDUM 4] |
| 67 | general | The solicitation states that subcontractor list form is to be emailed to dfcmcontracts@utah.gov . Are there any other recipients that need to be included on this email? | NOT AT THIS TIME. |
| 68 | general | Please confirm that costs, for all scopes of work, are to be separated between SUMA and USF as shown on Master Site Plan. | CONTRACTOR IS ASKED TO PROVIDE ONE LUMP SUM BID, WITH LINE ITEMS, ALTERNATES AND ALLOWANCES IDENTIFIED. SEPARATED PRICING BETWEEN SUMA AND USF SCOPES ARE TO BE ENTERED ON THE BID FORM. THIS IS FOR INFORMATION PURPOSES ONLY. POINTS WILL BE AWARDED ON THE TOTAL BID PRICE. [REVISION TO ADDENDUM 4] |
| 69 | general | The solicitation states, "Cost reduction proposals may include value engineering or any modification of the original cost proposal, including but not limited to a simple reduction in price." Since cost reduction proposals are due at bid time, please confirm that "...a simple reduction in price" does not apply to this procurement process. | ANY "SIMPLE REDUCTION IN PRICE" WOULD NEED TO BE PART OF THE ORIGINAL BID. [REVISION TO ADDENDUM 4] |
| 70 | general | Due to the complexity of providing separate pricing for SUMA and USF, the 12:00pm bid time is rigorous. A 2:00pm bid | SEE ITEM #68. PLEASE SEPARATE THE COSTS OF EACH STRUCTURE AS ACCURATELY AS POSSIBLE. [REVISION TO |

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| | | time would promote more accurate bidding. Please advise. | ADDENDUM 4] |
| 71 | Mechanical / Plumbing | Several Mechanical & Plumbing sheets show "Not to Scale" for the floor plans. Please clarify the scales. | CLARIFICATION PROVIDED IN ADDENDUM #3 |
| 72 | general | Signage requirements for the project have not been shown. Please provide the desired building and site signage locations, details and specifications. | REF. DRAWING U-AG501 NOTE RE: OWNER PROVIDED / INSTALLED; SAME NOTE APPLIES TO SIGNAGE AT THE SUMA. |
| 73 | TA601 | A/V Schedule is not included in the drawings. Please advise. | PROVIDED IN ADDENDUM 03. |
| 74 | | Are there plans or product specifications for the access control, intrusion / burglar alarm or video surveillance / cacti systems? | ELECTRICAL IS PROVIDING RACEWAY ONLY FOR THESE SYSTEMS. |
| 75 | | SUMA shows section 281601 security raceways only, and USF has no reference to security at all. Please let me know if access controls and video surveillance will be included in either of the projects. | ELECTRICAL IS PROVIDING RACEWAY ONLY FOR SECURITY. |
| 76 | S-EG002 | Museum drawing S-EG002 fixture schedule contains no information for fixture types: C, L1A, L1B, L1C, L3, L4, L5, L8, X1 or X2. | SEE RESPONSE TO ITEM 56 ABOVE. |
| 77 | | What is fixture type F12 in Concessions 104? | THIS FIXTURE WAS DEFINED IN ADDENDUM 3. SEE ANSWER TO ITEM 57. |
| 78 | | What is fixture type A1 in Concessions 210: What is fixture type P1 in Gallery Seating? | THIS FIXTURE WAS DEFINED IN ADDENDUM 3. SEE ANSWER TO ITEM 57. |
| 79 | | What is fixture type V3 in Lobby 236 | THIS FIXTURE WAS DEFINED IN ADDENDUM 3. SEE ANSWER TO ITEM 57. |
| 80 | | Fixture types BL & JF1 are shown recessed in catwalk access 303 and surface mount on catwalk. Is this correct? | FIXTURES BL AND JF-1 ARE SURFACE MOUNTED. SYMBOLS AND MOUNTING HEIGHTS ADDRESSED IN ADDENDUM 5. SAME AS ITEM 59. |
| 81 | 012300 | Alternate #2 - Theatrical Equipment is not referenced on electrical plans. Please advise. | <p>THE INFRASTRUCTURE SUPPORTING THE ADD ALTERNATE #2 ITEMS HAS BEEN INCORPORATED INTO THE BASE BID DOCUMENTS.</p> <p>ADD ALTERNATE #2 ITEMS INCLUDE, BUT ARE NOT LIMITED TO:</p> <ul style="list-style-type: none"> ▪ A/V COMPONENTS - REF. A/V DOCUMENTS; ▪ GREENSHOW & SEMINAR GROVE FINISHED STAGE ASSEMBLIES (CONCRETE SLAB & A/V INFRASTRUCTURE IN BASE BID); ▪ SUSPENDED PIPE GRID AT REHEARSAL ROOM - REF. THEATRICAL DOCUMENTS; |

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| | | | <ul style="list-style-type: none"> ▪ ACOUSTICAL DRAPES AT REHEARSAL ROOM ▪ SEMINAR GROVE BENCHES ▪ SEMINAR GROVE STAGE AND GREENSHOW STAGE |
| 82 | 012300 | Alternate #3 – Retractable Roof is not referenced on the electrical plans. Please advise. | THE ADD ALTERNATE #3 SCOPE IS AS IDENTIFIED IN THE DIVISION 1 “ALTERNATES” AS WELL AS IN “ALLOWANCES”. |
| 83 | general | Please confirm that the June 24 th at 12:00pm deadline for cost reduction proposals means that cost reductions cannot be offered during the interview process. | CORRECT; WE DO NOT EXPECT COST REDUCTION PROPOSALS TO BE PRESENTED AS A PART OF THE INTERVIEW PROCESS. HOWEVER, MEMBERS OF THE SELECTION COMMITTEE MIGHT INTRODUCE THIS QUESTION. |
| 84 | general | Will data cabling be included in Contractor’s scope or will this be by others? | DATA CABLING SHALL BE INCLUDED AS PART OF THE GENERAL CONTRACTOR’S SCOPE. [REVISION TO ADDENDUM 4] |
| 85 | 051200 | 1.8 states that fabricator is required to be AISC-Certified Plant, Category STD. Is this correct? | THIS IS CORRECT |
| 86 | 051200 | Requirement for steel erector to be AISC-certified is not found in specifications. Is this correct? | THIS IS CORRECT |
| 87 | 061000 | Requirement for rough carpentry to be FSC material is not found in specifications. Is this correct? | THIS IS CORRECT – THE ROUGH CARPENTRY IS NOT REQUIRED TO BE FSC CERTIFIED. |
| 88 | general | Is a current LEED Checklist available? | TO BE PROVIDED IN FORTHCOMING ADDENDUM. |
| 90 | | <p>We do not have a complete grading plan. In order to provide an accurate bid we need a plan that includes present and proposed topography. This plan should also have top of concrete elevations along all sidewalks, and curb and gutter. We should also be given top of concrete and finish grades along all retaining walls and stairways.</p> <p>This question was presented to all generals before the release of the third addendum. We do not see that it was addressed.</p> | AN UPDATED GRADING PLAN IS PROVIDED IN ADDENDUM 04. ALSO PROVIDED IN ADDENDUM 04 IS THE SITE SURVEY PLAN FOR REFERENCE. |
| 91 | | <p>The over-excavation requirements call for excavation down to the supportive gravel layer with an equal distance lateral of all footings. On the theater building this requirement will put your over-ex into the adjacent roads and properties, as the excavation will be between 26’ and 31’. This will effect the North, West, and South sides.</p> <p>On the Arts building we are excavating between 14 and 18 feet down which at a minimum will push the excavation into</p> | <p>BASIS OF DESIGN APPROACH IS TO STABILIZE THE SOIL BY INCORPORATING GEO-PIER SYSTEM; THEREFORE, NO EXTENSIVE OVER EXCAVATION NOR SHORING WOULD BE REQUIRED. HOWEVER, THE CONTRACTOR HAS THE OPTION OF EITHER APPROACH—OVER EXCAVATION AND FILLING WITH STRUCTURAL FILL, OR GEO-PIERS.</p> <p>ADDENDUM 01 TO THE GEO TECH REPORT IS ALSO BEING PROVIDED IN ADDENDUM 04 FOR REFERENCE.</p> |

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| | | UDOT sidewalk and roadway. | |
| 92 | | If piers are chosen, the soils report says to use piers and Structural Slabs. We need to know what type of prep work will be required under the slab. This information is not in the soils report. | (SEE RESPONSE ABOVE) |
| 93 | | If over-excavation is chosen as the means of construction. Then shoring needs to be addressed by all generals. | (SEE RESPONSE ABOVE) |
| 94 | | <p>I have been reviewing the plans a little closer. I have found on the RCP a tag that identifies where they want manual roller shades with the 12.4 keynote. It appears only 1 window is needing shades for this building. It is an SA window. The question I have is how many banks of the window do they want covered with the shades, and at what height do they want the shades installed?</p> <p>They never did answer the questions I asked in the first RFI about using Mariak Industries or Hunter Douglas as an alternate since the shade cloth specified is not available from MechoShade.</p> | SEE RESPONSE TO ITEM 46 ABOVE. |
| 95 | | <p>Have reviewed addendums 1-4 and still do not see a specification for the 7/8" plaster on the Art Museum. Please advise.</p> <p>Also, wondering if architect/owner would like to see an EIFS option in lieu of the 7/8" plaster. We will be bidding the Acoustical Plaster, Cement Plaster scopes. Still deciding on the MSDW scope.</p> | <p>SEE SPECIFICATION SECTION PROVIDED IN ADDENDUM 5.</p> <p>EIFS IS NOT AN ACCEPTABLE PRODUCT ON THIS PROJECT.</p> |
| 96 | Air Barrier | I'm trying to put together our bid for the SUU jobs and I'm having a tough time figuring out what they are looking for with the air barriers. I am working through the addenda right now as well so they may have already addressed it but the spec calls out 3 different types of air barrier (Water resistive membrane, fluid applied air barrier & self-adhered air barrier) and the plans simply state "weather barrier" Can you clarify for me what they | The specification language specifically describes each product's usage Water Resistive Membrane is the most prevalent, and occurs at the rainscreen assemblies (with exceptions - ref. Drawings). Fluid Applied at applications per Wall Types; ref. masonry / concrete walls scheduled to receive wall cladding w/o insulation. (NOTE: it is a Contractor Option to use Fluid-Applied in lieu of Self- |

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| | | are looking for where? Thanks | Adhered). Self adhered type occurs at material change-over, door / window openings, flexible flashing, etc., as well as being a Contractor Option in lieu of Fluid-Applied. In short, the air barrier product must be coordinated with the wall assembly, including the substrate, and whether or not the wall substrate is exposed as part of the rainscreen wall assembly. |
| 97 | Conformance Set | In reviewing the addendum 6 that is a conformance set, it was noticed that many of the bulleted items in the narrative portions of previous addendum have not been added to the corresponding drawing pages. Could this be done so as to truly be a conformance set? | The Design Team has made every effort to incorporate all previous Addenda into the issuance of the Bid Documents with Addendum 6, for the convenience of the bidders. However, Addendum 6 should not be construed as the <i>final</i> Conformed Set. Additional clarifications and responses to contractor questions have been issued with Addendum 7 - some of which amend previous information or responses. |
| 98 | Carpet | I am not sure if I should talk to you about this or the Architect. i have a few questions on the size and placment of the walls from the Architect plans. One of them is Room 147 found on page U-AE101B. Are these going to be the same size as shown or normal size? The other wall on same page is the main wall on the right side of this plan. Open Work Area 155 and 161. There are 2 lines one on the inner side and one in the middle. Do you know which line I should take the carpet to. | Extents of carpet are shown on the finish floor plan sheets. Carpet product and installation patterns are indicated in the finish schedule sheets. Contractor is to reference sections and details as necessary to see extends of walls. |
| 99 | Electrical | Addendum #6 electrical site plan has up to #17 key notes called out but the key notes only go up to #8. It looks like some critical information is missing. In some instances the addenda narrative doesn't match the addenda plans. | Must be referencing S-ES001, the SUMA site plan. The 2 site plans have been coordinated for addendum 7. |
| 100 | GYP/Accoustical Plaster Ceiling | Will GFRG be allowed as an approved equal for the ceiling inside the Southern Utah Museam of Art? The finish is nicer than GYP or Accoustical Plaster and is often more cost effective. | No |
| 101 | LEED | Does all the demo material fall within the 95% recycled | The Construction Waste Management requirements have |

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| | | construction material content for LEED? | been amended. Refer to Section 017419 Construction Waste Management & Disposal issued with Addendum 7. |
| 102 | Drawings | <p>We have found the following discrepancies with add # 6.</p> <p>SUMA</p> <p>The following drawings all have add # 6 in revision block. However, these drawings are not listed on the narrative for add # 6 S-LG101, S-LM101, S-LM102, S-LM501, S-LP101, S-LP501, S-LI101, S-LI501, S-LI502, S-AE501, S-AE604</p> <p>Drawing S-GI102 is listed on add 6 narrative. However, the latest drawing revision is for add 5.</p> <p>USF</p> <p>The following drawings all have add # 6 in revision block. However, these drawings are not listed on the narrative for add # 6 U-LP101, U-LP501, U-LI101, U-LI501, U-LI502, U-LM401, U-LM501, U-AE101C,</p> <p>The following drawings are listed on add # 6. However, add # 6 is not shown in revision block of drawing. (Note: there are clouds on the drawings with a revision 6). U-AE100d, U-AE101Cd, U-AE102Ad, U-AE102Bd, U-AE102Cd, U-AE604</p> <p>There is also a problem with the specs. USF Spec Section 057300 – add # 6 states it added section to project manual. However, this spec was not part of add # 6.</p> | <p>There were no changes to any S-Lxxxx sheets for Add. 06 - the drawing revision block is incorrect. The narrative should have indicated changes to S-AE501. Specifically, S-AE501: wall type SH5 was added to similar wall types SH41 and SH4. S-AE604: revised dimensions for window types SO and SP.S-GI102 had no changes for Add. 06 - the narrative is incorrect (same description as from Add. 05)</p> <p>There were no changes to any S-Lxxxx sheets for Add. 06 - the drawing revision block is incorrect.</p> <p>The narrative should have indicated changes to U-AE101C. Specifically, elevation D2/U-AE212 was added to drawing A3 on sheet U-AE101C.</p> <p>The dimension plans (with the d designator at the end of the sheet name) only had a change to the General Wall Note #4 as indicated in the narrative; Sheets with only a revision to the general or keynotes have not been clouded (only listed in the addendum narratives (and thus Addendum 06 was not listed on these sheets.</p> <p>The revision listed in the narrative for sheet U-AE604 should have been listed for sheet U-AE605. There were no revisions to sheet U-AE604 in addendum 06.</p> |

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| | | | <p>USF Specification Section 057300 <i>Decorative Metal Railings</i>, was incorrectly identified in the Addendum 6 Narrative as being incorporated into the Project Manual. Instead and to clarify, Section 055213 <i>Pipe and Tube Railings</i> has been revised to include dark bronze anodized aluminum railings.</p> |
| 103 | Millwork | <p>I have noticed it is calling out for 3/4" laminate on the interiors of the cabinets that have doors. Can this be Melamine?</p> | <p>The Drawings indicate the required assemblies. Specification section 064203 accurately identifies the requirements for cabinetry construction <i>where elements are not specifically identified on the drawings</i>.</p> |
| 104 | Flooring | <p>I also have a question does hardwood go under the two displays colored in purple (SUMA reception desk and education collections desk)</p>  <p>The image is an architectural floor plan of a room. A large portion of the room is highlighted in yellow, representing the main floor area. Two specific areas are highlighted in purple: a curved shape on the left side and a rectangular shape on the right side. These purple areas correspond to the 'SUMA reception desk' and 'education collections desk' mentioned in the text. The plan also shows various other room features, walls, and doorways.</p> | <p>The reception desk has hardwood flooring under the countertop surface and at the "niche" created for the storage of the mobile units (C6/S-AE532). See typ. base detail. There is no hardwood inside StorageE6/S-AE534. The worktable in S-102 has a 5" deep toe kickspace all around that would have hardwood flooring. The floor area under the perimeter framing and void does not have hardwood.</p> |
| 105 | Piers | <p>Could controlled modulus columns be utilized in place of drilled aggregate piers?</p> | <p>UTILIZING THE CMC APPROACH IS A CONTRACTOR "MEANS AND METHODS" OF CONSTRUCTION.</p> |

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| | | | THEREFORE, CONTROLLED MODULUS COLUMNS MAY BE UTILIZED PROVIDED THAT THE SOIL BEARING CAPACITIES CAN BE ACHIEVED AND DOCUMENTED WITH APPROPRIATE TESTING. |
| 106 | Millwork | <p>After reviewing the drawings and the specs for the SUU Center for the Arts -Southern Utah Museum of Art and the Shakespeare Facility, I have a couple RFIs that need clarification.</p> <p>1 – The Reception Desk is designed to have a steel stud sub-structure with Cedar Planks attached with Z-clips around the curved structure. Would it be possible to change the design of the substructure to be part of the wood cabinetry. This would allow the millwork sub-contractor more control to create a better finished product. Some variables are hard to control by doing extensive fitment and finishing on-site. Please advise</p> <p>2- The spec sections 064203 INTERIOR ARCHITECTURAL WOODWORK, both call out that the project Woodwork Quality Standard Compliance Certificates is AWI QCP certificates. It later states that interior woodwork grade is Premium. The specs are vague when stating whether or not the project requires product labels and is certified as an AWI registered job that could require inspection (attached is an AWI guideline of how to call out that this is a certified project in the specs). There are many firms that are members of AWI but are not certified participants in the QCP program. AWI QCP Certified projects will have added cost to accomplish the work within the specs and AWI guidelines. Please advise</p> <p>3- In spec section 064203 INTERIOR ARCHITECTURAL WOODWORK_2.4 FABRICATION_D. Wood Cabinets for Transparent Finish, the semi-exposed surfaces (interiors) of cabinets are the same species and</p> | <p>1. The substructure of the desk is steel stud infill between HSS 2x2 posts with a cantilevered armature anchored to the floor slab. The drawings accurately identify the design intent for the finished product. Further, the Contract Documents have been produced to achieve a confident level of performance from the finished end product. While there are often several ways to produce the finished product, deviations from the Contract Documents are solely at the contractor's risk.</p> <p>2. All interior architectural woodwork components shall be evaluated for compliance with the AWI's Architectural Woodwork Standards. QCP certificates and registration are not project requirements. Item 1.2.E has been removed from specification section 064203.</p> <p>3. Specification section 064203 accurately identifies the requirements for cabinetry construction where elements are not specifically identified on the drawings. EXCEPTION: The interior drawer boxes of the SUMA Reception Desk shall consist of finished plywood (or solid wood) with dovetailed corner joints.</p> |

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| | | cut of the face wood veneer. Is it the design intent to follow the specs and have Melamine drawer boxes (Thermoset decorative panels) in these high-end finished cabinets, or would a solid dovetail drawer be an alternative? Please advise | |
| 107 | Communicati on Cabling | <p>Could you clarify the communications room locations? It seems some of the communications cabling will be out of distance with the known communication room locations.</p> <p>What is the campus feed requirements for communications cabling on this project? Sheet U-ES001 simply shows various locations of fiber with no strand counts or types.</p> <p>Will there be no copper campus feeds for communications on this project? Sheet U-ES001 simply shows various locations of fiber with no copper listed.</p> <p>What buildings are requiring campus feeds for communications cabling? Sheet U-ES001 only shows two new fiber feeds neither of which go to the SUMA building. Is the SUMA building not included in the campus feed cabling?</p> <p>There seems to be no security cameras for the Shakespeare Theater. Will this building have security cameras? If so, what plan sheets are these located on?</p> | <p>The main comm room is in the basement, Comm 005. There is a comm room on the first level, area B, Comm 138. There is a comm room in the second level, area C - Comm 251.</p> <ul style="list-style-type: none"> - A riser diagram has been included in addendum 7 that clarifies fiber and copper requirements. - Security cameras are noted on the EY series of sheets with a jbox and a note indicating "..for future CCTV." |
| 108 | Q&A | Since Addendum #6 is the conformance set, it seems like it would make sense to revise the answers on the Q&A so that they do not respond back to addendum #3, 4 or 5. | <p>The Design Team has made every effort to incorporate all previous Addenda into the issuance of the Bid Documents with Addendum 6, for the convenience of the bidders. However, Addendum 6 should not be construed as the <i>final</i> Conformed Set. Additional clarifications and responses to contractor questions have been issued with Addendum 7 - some of which amend previous</p> |

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| | | | <p>information or responses. The Design Team will not go back and amend previous responses to questions as this could create more confusion and, per the Contract Documents, the most recent Addenda supersede any previous Addenda.</p> <p>The Questions and Answers document is provided as a "running list" of questions received and responses provided and, per above, will not be amended at this time.</p> |
| 109 | Bid Form | Please acknowledge that Addendum #3, 4 or 5 do not need to be acknowledged on the bid form and for all intensive purposes, are being removed from the contractual bid documents. | General Contractors shall be required to acknowledge, on the Bid Form, <i>receipt of Addenda 6 and later</i> . There is not a need to identify Addenda 1-5. |
| 110 | Gates | Does the gate on the east of USF by Stair #6 have any details? They do not show up U-AS401. | All site gates are to be constructed similarly. See A6, C5, and C6/ U-AS502 for details. |
| 111 | Glu-Lams | Exterior Glu-lam construction: Please provide Stain or transparent finish for exposed glu-lam members. | Specification identifies the stain and finish requirements, including the requirement to provide samples for architect's final selection: 1. Provide color samples for initial stain selections. 2. Provide finished, stained samples on actual members for final selections. Note: 2 stain coats may be required to achieve desired color. Multiple samples may be required to verify color. |
| 112 | Section 012300 | Section 012300 Alternates describes the 4 alternates clearly but on the plans, U-AS101B a note says to Add Alt. 1: paving material to be at studio theatre plaza; page U-LM101 a note says Add Alt 2: seminar grove benches; and on page U-LM102 a note says ADD Alt 2 use same pavers as SUMA. Please clarify these notes. | U-AS101B is correct. The paving at the studio theater should be included in Alternate #1. See below for a clarification to specification section 012300 which includes a more detailed description of Alternate #2. Notes on drawings U-GI104 and U-LM102 have been revised to be consistent with the extended description of Alternate #2 and U-AS101B. Seminar Grove benches should be included in Alternate #2. |
| 113 | Lighting | 1. What is light fixture type EX? 2. What is light fixture type X5? | 1. Fixture type EX was added in addendum 5, sheet U-EL101A in the Paint Booth to replace the J fixture. The |

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| | | 3. 263533 Power Factor Correction Capacitors. Where are these located? They are not shown on the plans. | <p>narrative for sheet U-EG002 has a complete description of what it is.</p> <p>2. Exit signs at the first floor outdoor theater labeled as X5 are now labeled as X3. Fixture type X5 no longer exists in project. This clarification is being issued in Addendum 08.</p> <p>3. Spec section 263533 has been removed per Addendum 07.</p> |
| 114 | Masonry | Is all masonry that is exposed. Going to be painted or use colored CMU, and if choose colored CMU do you want a Honed CMU or Smooth Colored CMU. | At the Shakespeare building, there are only a couple locations where CMU is exposed—the back side of the outdoor stage wing walls in Backstage 102 which receives a painted finish per the details, and the south wall of Actor Queuing 114 which receives no painted finish. |
| 115 | Spiral Stair at Shakespeare | On U-AE412 detail C3 shows a 4 tread 90 degree spiral and on E3 a 12 tread 270 degree spiral that look to be stacked? please define the situation that we need to meet for your project. | Yes, these stairs are stacked. This is shown in sections A3 and A5 on sheet U-AE335. The spiral stairs were adjusted slightly in order to comply with the code requirement of 7-1/2" tread depth 12" from the narrow edge—this revision has been issued in Addendum 07. |