State of Utah

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Department of Administrative Services
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Executive Director

Division of Facilities Construction and Management
DAVID G. BUXTON
Director

ADDENDUM NO. 3

Date: October 22, 2012

To: Contractors

From: Bianca Shama/Matthias Mueller

Reference: Student Activity Center Addition to the Stromberg Athletic Complex
Weber State University – Ogden, Utah
DFCM Project No. 12031810

Subject: **Addendum No. 3**

Pages	Addendum Cover Sheet	1	page
	Architect's Addendum 3	77	pages
	Total	78	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.

While we contend that SB220 should only be potentially applicable to a contract issued after the effective date of said bill, this is to clarify that for purposes of this contract, regardless of the execution or effective dates of this contract, the status of Utah Law and remedies available to the State of Utah and DFCM, as it relates to any matter referred to or affected by said SB220, shall be the Utah law in effect at the time of the issuance of this Addendum.

3.1 SCHEDULE CHANGES: There are no Project Schedule changes.

3.2 GENERAL ITEMS: See attached Architect's Addendum 3 dated October 18, 2012.

Addendum 003

project:	WSU Stromberg Student Activity Center	**project no:**	12475
date:	2012-10-18	**no. pages:**	77
owner:	DFCM		
contractor:			
bid date:	2012-11-01	**bid time:**	12:00 pm

This Addendum shall be considered part of the Contract Documents and Project Manual for the above mentioned project as though it had been issued at the same time and shall be incorporated integrally therewith. Where provisions of the following supplementary data differ from those of the original Contract Documents and Project Manual, the Addendum shall govern and take precedence.

General:

Item	Description
3.1	Please note, all submitted substitution requests will be responded to in the pending Addendum #4, issued on October 24th.
3.2	Please note, the following general addendum items are questions that were submitted to the design team by the shortlisted general contractors. Our response is included. If you do not see a question that you asked included in this Addendum it will be provided in the pending Addendum #4.
3.2	QUESTION: Ref: AD101 thru AD411, there are many references made to AD311 and AD312, however these sheets do not exist. Will these be issued by Addendum? RESPONSE: AD311 is in the set after the civil sheets. That sheet and AD410 are out of order in the set, and will be updated. Also, the index G001 will be revised to reflect the correct order.
3.2	QUESTION: A1/G100 has a note that reads "1hr fire protection Intumescent Paint all existing roof structure." The existing roof structure is painted. Is this note telling us we need to re-paint the entire roof structure? Are we to only paint the new roof structure? RESPONSE: The existing roof structure and deck are painted, but currently are not fire rated. As part of the project all new and existing roof structure and deck are required to meet a 1 hour fire rating. This is to be achieved by intumenscent paint, as the base bid.
3.3	QUESTION: C6 on AS102 references another detail A2/AS801 for the 6? Post Bollards. There is no AS801 in the drawings or on the Sheet Index. RESPONSE: This reference has been revised and Detail D3 added to Sheet AS201.

3.4	QUESTION: There are no notes for the details on sheet A320 & 321. Please provide. RESPONSE: Revised sheets A320 and A321 are provided. See attached.
3.5	QUESTION: Please identify note 723 on A104.1 RESPONSE: Keyed note 723 shall read: "SIDEWALL SCUPPER PRIMARY, A3/A530".
3.6	QUESTION: Please provide detail notes for C5&C6 on A531 RESPONSE: Details requested were provided in Addendum #2.
3.7	QUESTION: There is a call out on A111.2 for detail A4 on A440.1. Please provide sheet A440.1. RESPONSE: Detail call out reference to read C5 and D5/A410.1, in lieu of A4/A440.1.
3.8	QUESTION: Comm Room 103G on A111.3 calls for a B6 finish. There is no B6 on the finish schedule. Please provide. RESPONSE: Base finish in Room 103G shall be B1.
3.9	QUESTION: On the drawing A113.3 Finish Plan callout for room 101A to have F10 Athletic Wood Floor, please confirm this is correct? RESPONSE: The floor finish in Room 101A shall be F15, VCT.

3.10	QUESTION: What is the finish on each of the Stairs? Ref. B5/A321 references B5/A321 and this has note 510 on the tread which is ?Metal Stairs, See Details and Sections? Where is C4/A580 Referenced? It would lead us to believe that the Precast Terrazo stair treads are for the Grand Stair but with no reference made on the grand stair which stair(s) are Precast Terrazo? What reinforcing steel is required for the stair treads? Are any landings Precast Terrazo? C4/A580 references E5/A540 which does not relate. Assume this was supposed to be E5/A840 please confirm. Beams and stringers for the stairs indicate to see structural. On E1/S401 it indicates the stair stringer and connection are by others. Who will provide these? There appears to be enough conflicting information and lack of coordination on the stairs in this project that there will be huge inconsistencies in the way they are bid. Please advise. RESPONSE: The Grand Stair treads and landing are to be Terrazzo. The Terrazzo tread and landing reinforcement is per the manufacturer. C4/A580 shall reference E5/A580, per Addendum #2. Beams and Stringer shall read: "By Others" The stairs and guardrails are a deferred submittal.
3.11	QUESTION: Ref: A420.3 &.7 It calls out for F3 for the locker room floors? is this correct. Should this be F4? The Random Block Mosaic over the liquid applied water proof membrane. Please advise. RESPONSE: Floor Finish at locker rooms shall be F4. See revised A420.3 and A420.7.
3.12	QUESTION: Ref: A113.3 Finish Plan callout for room 101A to have F10 Athletic Wood Floor, Is this correct? RESPONSE: Floor finish at Equipment Room 101A to be F14, Sealed Concrete, in lieu of F10.
3.13	QUESTION: Door 100 currently calls for a 21'-3" [255"] x 8'-0" [96"] auto bi-part sliding door. The largest that we can go to is 18'-9" [225"] and doubt that any door manufacturer can go to 255". Can the overall package width be reduced to 225" (instead of 255")? OR Two (2) 10'-7 ½" bi-part sliders instead of one (1) over sized door? RESPONSE: Door 100 has been updated to be a single sliding door. The whole unit measures 126" wide X 96" tall. The actual door panel is 63" wide X 96" tall. See revised door schedule A600.
3.14	QUESTION: What is B6 materials type or call out? RESPONSE: Where B6 is called out it should read B1, rubber base. See revised sheets A113.3 and A111.3 for revised call outs.

3.15	QUESTION: What is W16 materials type? Please check the floor material type called out in locker,restroom & shower areas. RESPONSE: W16 is no longer a material type. See attached Sheet A6/A420.7 for revised call outs.
3.16	QUESTION: Elevations floor locker rooms call out for paint or is it tile that is listed in finish legend. Please advise. RESPONSE: There are multiple wall tile types as well as wall paint finishes for Locker Rooms. See the Interior Elevations on Sheets A420.3 and A420.7.
3.17	QUESTION: There are w7 , w8 and w9 wall tile finishes called in some finish legend or on elevations please clarify? RESPONSE: When multiple finish call-outs are used refer to the interior elevations for areas and patterns of color blocking.
3.18	QUESTION: At some drinking fountains and at some locker rooms and restrooms areas check plans for base types or materials RESPONSE: Wall base finish at Locker Rooms, Restrooms and Drinking Fountains is to be B3 - Ceramic Tile Base to match W7, unless noted otherwise. See sheets A420.3, A420.7, B5/A410.7, D3/A420.5, C2/A420.6, A3/A430.1 and C5/A590.
3.21	Refer to the attached Structural Addendum.
3.22	Refer to the attached Mechanical Addendum.
3.23	Refer to the attached Electrical Addendum.

Drawings:

Item	Drawing No	Description
3.1	G001	See attached for revised Index.
3.2	AD201	See attached revised sheet for revised scope of existing translucent wall panel to be demoed at the west elevation.
3.2	AS201	See added detail D3/AS201.
3.3	A104.1	See attached revised roof plan for added detail call outs D1/A531 and E5/A561.
3.3	A111.3	See attached sheet A111.3 for revised finish call outs.
3.4	A112.2	Add card key access to existing door 121A. See attached revised sheet for location and refer to revised hardware change on sheet A600.

3.5	A113.2	See attached revised sheet for revision to floor finish at the entry vestibule.
3.6	A113.3	See attached sheet A113.3 for revised finish call outs and updates to door 100. Door #100 to be a single sliding door, Type K.
3.9	A201	See attached revised sheet for revised scope of translucent wall panel to be replaced.
3.9	A320	See attached for key noted Sheet A320.
3.8	A321	See attached for key noted Sheet A321.
3.5	A420.3	See attached revised sheet.
3.6	A420.7	See attached revised sheet.
3.14	A510	See attached revised sheet for updated detail C3/A510.
3.14	A530	See attached for added detail A3/A530.
3.13	A531	See attached revised sheet for added details D1 and E5.
3.17	A561	See attached revised sheet for additional details and notes on Glazing Details: A4, B2, B3, C2, C3 and E5/A561.
3.18	A562	See attached revised sheet for updated detail E2/A562.
3.18	A572	See attached revised sheet for addition notes on Casework Details: A4, C4 and D4/A572.
3.14	A600	See attached for revised sheet for revisions to the Door Schedule, updated Door Type K, and elevation A5, Type 1 Curtain Wall Frame add detail call out: E5/A561.
3.21	A601	See attached sheet for revised glazing Type 3, A6/A601.

End of Addendum 003

ADDENDUM #03

Project: WSU Student Activity Center-Stromberg Addition **Project No.:** 12606
Location: Ogden, Utah **Date:** 19 October 2012
Addendum by: Jeremy Achter, S.E.

Sheet S133
-Detail cuts have been added to the mezzanine framing plan.

Sheet S141
-Catwalk extension framing has been added.

Sheet S142
-Catwalk extension framing has been added.

Sheet S408
-Details C4, D1, and E1 are new details.

Filing:(x) project file () other
WSU Student Activity Center-Stromberg Addition_Struct_ADD03_101912

COLVIN ENGINEERING ASSOCIATES

MECHANICAL ADDENDUM NO. 3

WSU Stromberg Student Activity Center

CEA PROJECT NO. 2012-033.00

October 19, 2012

All contractors submitting proposals for this project shall be governed by the following addendum, changes, and explanations to the bidding documents. Bids shall be submitted in accordance with the following:

Item No.	Add, Delete or Clarify	Specification Section or Drawing No.	Reference / Description:
1.	Clarify	M001	• Updated the Vertical Space Allocation Detail.
2.	Add	M113.1	• Add two (2) Return Air Grilles in the ceiling at Lobby – 102.
3.	Clarify	M125.1	• Provided a tag for the water meter shown. • "WM-2" on Detail #3.
4.	Delete / Clarify	M143.1	• Delete previously shown CU-1 on North end of Roof near gridlines B and 4. • Renumber CU-2 and CU-3 near gridlines EB and 4 to CU-1 and CU-2 respectively.
5.	Clarify	M202	• Provided a tag for the water meter shown. "WM-3".
6.	Clarify	P113.1	• Provided a tag for the water meter shown. "WM-1".
7.	Clarify / Delete	P601	• Deleted water meter #2 for HWR system. • Updated water meter numbering.

PRODUCT SUBSTITUTIONS / PRIOR APPROVALS

Item No.	Specification Section	Product Type	Alternate Manufacturers
1	230548	Mech Seismic Control	Vibro Acoustics
2	232113	Expansion Joints	Twin City Hose
3	236400	Cassette Style AC Splits	Panasonic
4	233713	Wall, Floor & Duct Mount Registers & Grilles	Carnes
5	233713	VAV Diffusers	Carnes
6	233713	Gravity Relief & Intake Roof Hoods	Carnes

The above named alternate equipment manufacturers stand approved in name only. Approval here in no way relieves the supplier from complying with all other engineering, weight spatial, and quality requirements of equipment indicated in the contract documents. Contractors using products from the above named alternate manufacturers shall refer to Specification Section 15010 for detailed contractor responsibilities related to the use of alternate brands not used as the Basis of Design.

END OF ADDENDUM NO. 3

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Addendum No. Three
for the
Stromberg Student Activity Center
Stromberg Addition - BID SET
Weber State University
3750 Harrison Blvd. Ogden, UT 84408

CHANGES TO THE DRAWINGS: IN ORDER AS FOLLOWS:

E1.1 SHEET EE-002

1. Lighting fixture schedule, add additional approved manufacturers. See revised drawings for more information.

E1.2 SHEET EE-004

1. Add a 70A. 3-pole circuit breaker in existing main switchboard "HPAC" for new pump. New circuit breaker to have the same AIC rating as existing.

E1.3 SHEET EE-005

1. Panel "HP" delete 70A. 3-pole circuit breaker for pump "P-1" leave 3-pole space.

E1.4 SHEET EE-006

1. Mechanical schedule,
   a. Delete air cooled condensing unit split system ACC-3, CU-3, and electric unit heater "UH-1" from mechanical schedule.
   b. Change conductor sizes for CU-2 from #10 conductors to #12.
   c. Add water meter WM-1,2.
2. Panel L10 has been added.

E1.5 SHEET EDS-100

1. Refer to reference note #2 for revisions.
2. Add the following special note:
   "Contractor is to provide temporary power to the existing pole mounted light fixtures during the construction. At the end of the project, tie the circuit in new panel through the new time clock."
3. Note #5 has been modified. See revised drawings for more information.

E1.6 SHEET ED-102A

1. Add special note #2. See revised drawings.

E1.7 SHEET ED-102B

1. Existing horn/strobe and fire pull station next to existing south/east entrance was not shown. Horn/strobe to remain. Fire pull station to be removed.
2. Existing 50A combo starter/disconnect and existing 30A disconnect in existing southwest storage room is to be relocated to the stor./Maint. Room on floor above.
3. Note #14 has been added to the existing lighting relay panel. See revised drawings for more information.

E1.8 SHEET EP-101

1. Tie new pump "P-1" to a new 70A. 3-pole circuit breaker in existing switchboard HPAC in electrical room 059A. New circuit breaker shall have the same AIC rating as existing circuit breakers. See note #6 for more information.

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2. Reference note 1, change 3-1/2" conduit to two (2)3" conduits.
3. Provide 120V. power to water meter "WM-2". See note #5 for more information.
4. Reference note # 4 has been modified. See revised drawings for more information.
5. Communications conduit referenced in note #4 now runs to the existing cable tray by the existing main electrical room. See revised drawings for more information.
6. Run one (1) 3" conduit from the existing communications room to the pull box shown. See revised drawings and note #7 for more information.

E1.9 SHEET EP-101A

1. Reference note #5 has been revised. See revised drawings for more information.
2. Tread 103H, tie magnetic door holders to fire alarm control panel for automatic release. See new note #7 for more information.
3. Reference note #6 has been added. See revised drawings for more information.
4. Add new duplex outlets in the storage room 103J.

E1.10 SHEET EP-101B

1. Add a smoke detector in Student Workroom 105.
2. Reference note #1 has been modified. See revised drawings for more information.
3. Add new duplex outlets in the storage room 103K, 103M, 103N, electrical room 103P and new corridor.
4. Tread 103L, hallway doors etc, tie magnetic door holders to fire alarm control panel for automatic release. See new note #18 for more information.
5. Note #5 has been added to the outlet and data device in F.R. 105A.
6. New circuits are now shown in CSC 110, Club 109 and Club 109A.
7. Note #12 has been modified. See revised drawings for more information.
8. Note #15 has been modified. See revised drawings for more information.
9. Note #16 has been modified. See revised drawings for more information.
10. Note #17 has been added. See revised drawings for more information.

E1.11 SHEET EP-101C

1. Storage 103B, add cable tray for voice/data cables.
2. Run three (3) 3" conduits from the cable tray in storage 103B to communication room 201. Stub the conduit 3" above finished floor. Coordinate with WSU Netcom for exact location of stub ups. See note #14 on revised drawings.
3. All devices for TV's have been modified.
4. Tie water meter "WM-1" to circuit L10-2.
5. Tie ADA door operators at Lobby 102 exterior door and Vestibule 100A exterior door to circuit L3E-17.
6. ACC-1 has moved to the other side of Elev. Equip. Room 102A.
7. Exterior outlet and exterior horn/strobe outside on south side of Control 100 have moved slightly.
8. Notes #1,2,3,6,7,8,10,11 and 12 have been modified. See revised drawings for more information.
9. Note # 13 has been added. See revised drawings for more information.

E1.12 SHEET EP-104

1. Delete condensing unit CU-3.

E1.13 SHEET EP-102B

1. Pedestrian bridge, tie magnetic door holders for double door east of

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pedestrian bridge to fire alarm control panel for automatic release. See new note # 9 for more information.
2. New duplex outlet has been added to the east side of Pedestrian Bridge 213.
3. Devices for TV in Conference Room 120C have been modified.
4. New location of existing 50A combo starter/disconnect and 30A disconnect has been shown in Stor./Maint. 209.
5. Note #1 has been modified. See revised drawings for more information.
6. Note #7 has been modified. See revised drawings for more information.
7. Note #10 has been added. See revised drawings for more information.
8. A wireless access point has been added in Wellness Center 210.

E1.14 SHEET EP-102C

1. All devices for TV's have been modified. See revised drawings for more information.
2. Disconnect outlet in north stair from the outlet just inside the door.
3. West stair circuit is to continue on sheet EP101C, not EP103A.
4. Note #12 has been added to the J-box on the northeast wall in Fitness Studio B 203.
5. Note #12 has been added to the J-box on the southwest wall in Fitness Studio A 202.
6. Motorized projector screen has been added in Fitness Studio B 203. See note # 13 for more information.
7. Horn strobe and duplex outlet in Southwest corner of Fitness Studio B 203 has moved slightly.
8. An additional horn/strobe has been added in Men's Locker/Shower 206 and Womens Locker/Shower 207.
9. An additional TV has been added in Circulation 200 just outside Men's Locker/Shower 206.
10. Panel P-10 has been added in Studio Storage 202A.
11. Tie one special outlet in Comm. 201 to circuit L3E-8,10.
12. Tie the other special outlet in Comm. 201 to circuit L3E-11,13.
13. Note #1 has been modified. See revised drawings for more information.
14. Note #5 has been deleted. The rest of the notes have been shifted up.
15. Note #7 for ground bus bar has been modified. See revised drawings for more information.
16. Note #8 for wireless access point has been modified. See revised drawings for more information.
17. Note #10 for projector has been modified. See revised drawings for more information.
18. Note #11 has been added for the TV's in the fitness studios. See revised drawings for more information.
19. Note #14 has been added for the special outlets in Comm. 201. See revised drawings for more information.
20. Tie the two hand dryers in Men's Locker/Shower 206 to circuits L7-23 and L7-36.
21. Tie the two hand dryers in Women's Locker/Shower 207 to circuits L6-33 and L6-34.

E1.15 SHEET EP-103A

1. Cable tray has been added on the clearstory ledge. See revised drawings and note #2 for more information.
2. Circuiting for outlets around the track has been revised.

E1.16 SHEET EP-103B

1. Cable tray has been added on the clearstory ledge. See revised drawings and note #2 for more information.
2. Circuiting for outlets around the track has been revised.

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E1.17 SHEET EP-103C

3. Circuiting has been modified in Circulation 300 and Stairs 399C.
4. Camera has been added in Circulation 300.

E1.18 SHEET EP-104

22. All exterior devices are to be weatherproof.
23. Two duplex outlets have been added to the roof.
24. Condensing unit CU-3 has been deleted.
25. Tie CU-1 to circuit L9-15,17.
26. Tie CU-2 to circuit L3E-12,14.

E1.19 SHEET EP-401

1. Note # 6 has been modified. See revised drawings for more information.

E1.20 SHEET EL-101A

1. Change reference note #2 to say "existing exit signs are to remain."
2. See added Track Section for conduit routing location.

E1.21 SHEET EL-101B

1. Delete reference note #2.
2. Reference notes #3-6 have been shifted up one.
3. Reference note #8 is now reference note #6 and has been modified. See revised drawings for more information.
4. Delete reference note #9.
5. Reference notes #10-12 have been shifted up two.
6. The remaining reference notes have been shifted up.
7. Add special note #1. Refer to revised drawings.
8. Delete the wire connecting the power pack for the Student Workroom lights to the T-12 light fixture at the west side of the bridge.
9. Tie the lighting circuit in Student Workroom 105 to the existing lighting circuit that fed the light fixtures in that room that were removed during demolition.
10. Tie the light fixtures under the bridge to the same switched lighting circuit that are tied to the running track light fixtures. See note #11 on revised drawings.
11. For the T-12 downlight fixture at the southwest just outside of Student Workroom 105 provide a GTD transfer switch and tie to the emergency lighting circuit.
12. For the T-12 downlight fixture next to the southeast stairs provide a GTD transfer switch and tie to the emergency lighting circuit.
13. For the T-12 downlight fixture just outside of Club provide a GTD transfer switch and tie to the emergency lighting circuit.
14. See added Bridge Section for conduit routing location.

E1.22 SHEET EL-101C

1. Reference note #2 has been modified. See revised drawings for more information.
2. Elevator shaft, add a T-4 light fixture and light switch. Tie to 277 volt emergency lighting circuit.
3. Tie Stairs 199C to circuit HE3-8.
4. Tie power pack for Corridor 101H to the light fixtures in Equipment 101A.
5. Tie the under canopy light fixtures just outside of Vestibule 100A to the exterior lighting circuit HE3-2. Tie through time clock.
6. Tie the sign light fixtures to the indicated circuit through the time clock.
7. Provide a 12-pole lighting contactor in Mechanical 150 to control the fans in the weights and cardio areas.
8. Provide an additional switch at the reception desk to control the fans in

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the weights and cardio areas. Tie to the 12-pole lighting contactor.

E1.23 SHEET EL-102B

1. Add power pack to control the new light fixtures in New Hallway.

E1.24 SHEET EL-102C

1. The circuiting in the west stair has been modified.
2. Tie the light fixtures in Stretch 200D to the pendant light fixtures in Circulation 200, zone b.
3. The home homerun in Studio Storage 203A was mislabeled. See revised drawings for more information.
4. Provide wiring to all fans. Tie fans in the studios to the circuits shown through the lighting contactors in the studio storage. Tie the fans in the weights and cardio areas to the circuits shown through the 12-pole lighting contactor in Mechanical 150. See revised drawings for more information. Fans are provided by others.
5. Provide a 6-pole lighting contactor in each studio storage to control the fans in the studios.
6. Provide an additional switch in each studio to control the fans in the studios. Tie to the 6-pole lighting contactor.

E1.25 SHEET EL-103A

7. Reference note #3 has been added to the motion sensor shown on the north side.

E1.26 SHEET EL-103B

1. New location of existing relay panel is shown on the clearstory ledge above. See new note #4 for more information.

E1.27 SHEET EL-103C

1. Lights in Stairs 399C are now shown correctly.
2. Reference notes are now shown.

END OF ADDENDUM No. 3

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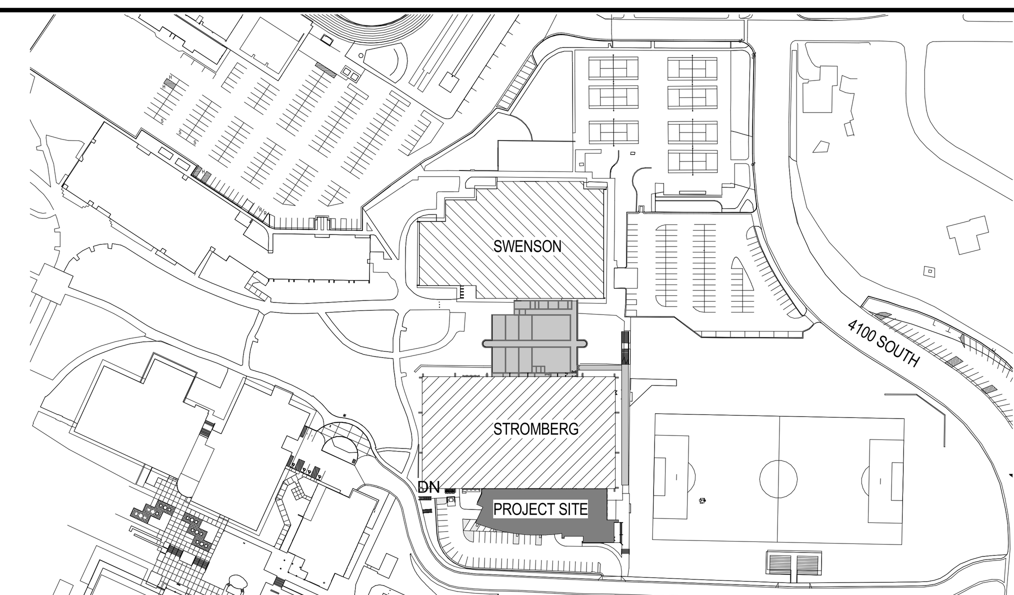
ABBREVIATIONS

NOT ALL ABBREVATIONS MAY BE USED

&	AND
@	AT
ACT	ACOUSTICAL CEILING TILE
ADJ	ADJUSTABLE
AFF	ABOVE FINISH FLOOR
ALT	ALTERNATE
AL/ALUM	ALUMINUM
APPROX	APPROXIMATE
ARCH	ARCHITECTURAL
BD	BOARD
BLDG	BUILDING
BLK	BLOCK (ING)
BO	BOTTOM OF
BRG	BEARING
BSMT	BASEMENT
BS	BOTH SIDES
BW	BOTH WAYS
CAB	CABINET
CB	CATCH BASIN
CCSA	CUSTOM COLOR SELECTED BY ARCHITECT
CG	CORNER GUARD
CHAM	CHAMFER
CJ	CONTROL JOINT
CL	CENTER LINE
CLG	CEILING
CLR	CLEAR
CM	CONSTRUCTION MANAGER
COL	COLUMN
COMP	COMPUTER
CONC	CONCRETE
CONT	CONTINUOUS
CMU	CONCRETE MASONRY UNIT
CSBA	COLOR SELECTED BY ARCHITECT
CT	CERAMIC TILE
D	DEPTH
DB	DECK BEARING
DBL	DOUBLE
DEPT	DEPARTMENT
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DIM	DIMENSION
DN	DOWN
DRN	DRAIN
DTL/ DET	DETAIL
DW	DISHWASHER
DWG	DRAWING
E	EAST
EA	EACH
EIFS	EXTERIOR INSULATION SYSTEM
EJ	EXPANSION JOINT
ELEC	ELECTRICAL
ELEV	ELEVATION
EQ	EQUAL
EQUIP	EQUIPMENT
EVAP	EVAPORATIVE
EXIST	EXISTING
EXP	EXPANSION
EXT	EXTERIOR
EWC	ELECTRIC WATER COOLER
FA	FIRE ALARM
FD	FLOOR DRAIN
FDN	FOUNDATION
FE	FIRE EXTINGUISHER
FEC	FIRE EXTINGUISHER CABINET
FG	FINISH GRADE
FH	FIRE HYDRANT
FIN	FINISHED
FLR	FLOOR
F.O.	FACE OF
FT	FOOT, FEET
FRP	FIBER REINFORCED PANEL
FRT	FIRE RETARDANT TREATED WOOD
FTG	FOOTING
FV	FIELD VERIFY
GA.	GAUGE
GALV	GALVANIZED
GB	GRAB BAR
GC	GENERAL CONTRACTOR
GFRC	GLASSFIBER REINFORCED PANEL
GYP	GYPSUM
GWB	GYPSUM WALLBOARD
HB	HOSE BIBB
HC	HANDICAP ACCESSIBLE
HDW	HARDWARE
HDF	HIGH DENSITY FIBERBOARD
HM	HOLLOW METAL
H	HEIGHT
HOR	HORIZONTAL
ID	INSIDE DIAMETER
ICF	INSULATED CONCRETE FORM
IN	INCH
INCL	INCLUDE
INFO	INFORMATION
INT	INTERIOR
INSUL	INSULATE, (D), (ION)
INV	INVERT
JST	JOIST
JT	JOINT
LAV	LAVATORY
LB/ LBS	POUND (S)
MAT	MATERIAL (S)
MAX	MAXIMUM
MDF	MEDIUM DENSITY FIBERBOARD
MECH	MECHANICAL
MEMB	MEMBRANE
MEZZ	MEZZANINE
MFR	MANUFACTURER
MGR	MANAGER
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MTD	MOUNT, (ED)
MTL	METAL
MW	MICROWAVE
N	NORTH
NIC	NOT IN CONTRACT
NO.	NUMBER
NOM	NOMINAL
NRC	NOISE REDUCTION COEFFICIENT
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OFD	OVERFLOW DRAIN
OH	OVERHEAD
OPG	OPENING
OPP	OPPOSITE
OSB	ORIENTED STRAND BOARD
OZ	OUNCE
PERI	PERIMETER
PERM	PERMENANT
PL	PLATE
PLAM	PLASTIC LAMINATE
PNL	PANEL
P.O.	POINT OF
PR	PAIR
PT	POST TENSIONED
PART	PARTITION
PLY	PLYWOOD
QT	QUARRY TILE
R / RAD	RADIUS
RCP	REFLECTED CEILING PLAN
REC	RECESSED
REF	REFERENCE
REFG	REFRIGERATOR
REINF	REINFORCE (ED)
REM	REMOVE (ED)
REPL	REPLACE
REQD	REQUIRED
REV	REVISION (S)
RM	ROOM
RO	ROUGH OPENING
S	SOUTH
SALV	SALVAGE (ED)
SECT	SECTION
SF	SQUARE FOOT
SIM	SIMILAR
SLNT	SEALANT
SPEC	SPECIFICATION (S)
SQ	SQUARE
SS	STAINLESS STEEL
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STL	STEEL
STOR	STORAGE
STRUC	STRUCTURE (AL)
SUSP	SUSPENDED
SYM	SYMMETRY (ICAL)
T	THICKNESS
T & B	TOP AND BOTTOM
T & G	TONGUE AND GROOVE
TBD	TO BE DETERMINED
TEMP	TEMPORARY
THRU	THROUGH
T.O.	TOP OF
TRANS	TRANSFORMER
TS	TUBE STEEL
TYP	TYPICAL
UNF	UNFINISHED
UNO	UNLESS OTHERWISE NOTED
VAR	VARIES
VB	VAPOR BARRIER
VCT	VINYL COMPOSITION TILE
VERT	VERTICAL
VEST	VESTIBULE
VWC	VINYL WALLCOVERING
W	WEST
W	WIDTH
W/	WITH
WC	WATER CLOSET
WD	WOOD
W/O	WITHOUT
WSCT	WAINSCOT
WWF	WELDED WIRE FABRIC

VICINITY MAP



NORTH

E4 WEBER STATE UNIVERSITY

SCALE: 1" = 200'-0"

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city, state, zip
phone
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company name
contact name
street address
city, state, zip
phone
fax
email

NATURAL GAS
company name
contact name
street address
city, state, zip
phone
fax
email

TELEPHONE
company name
contact name
street address
city, state, zip
phone
fax
email

REFERENCE SYMBOL LEGEND

BUILDING SECTION
1 / A101 SIM. — WALL SECTION NUMBER; DIRECTION OF VIEW; SHEET WHERE DRAWN

BUILDING SECTION
1 / A101 SIM. — ELEVATION NUMBER AND DIRECTION; SHEET WHERE DRAWN

WALL SECTION
1 / A101 SIM. — WALL SECTION NUMBER; DIRECTION OF VIEW; SHEET WHERE DRAWN

LAYOUT GRID LINES
1, A — GRID IDENTIFICATION

INTERIOR ELEVATION
AX.X (1, 2, 3, 4) — ELEVATION NUMBER AND DIRECTION; SHEET WHERE DRAWN

LEVEL LINE
SECOND LEVEL 116' - 0"

ROOM NAME AND NUMBER
ROOM NAME 101

DETAIL REFERENCE
1 / A101 — DETAIL NUMBER; SHEET WHEN DRAWN, HYPEN INDICATES DETAIL ON SAME SHEET

WALL TYPE MARK
5A6 - 1 — CONSTRUCTION TYPE - BY CSI DIVISION; WALL TYPE; FIRE RATING; NOMINAL SIZE
SEE WALL TYPE SHEET FOR ADDITIONAL INFORMATION

DRAWING TAGS

REVISIONS TAG
1 — REVISION NUMBER

FLOOR TRANSITIONS MARKER
TRANSITION SYMBOL

CEILING TAG
X | X' - X" — CEILING TYPE; CEILING HEIGHT

ELEVATION MARKER

WINDOW TAG
XXXX — WINDOW MARKER

FINISH TAG
F? L? T? R? B? B?

SHEET SYMBOLS

1 DRAWING TITLE — BASIC DRAWING TITLE

PROJECT NORTH

MATCH LINE A

NOTES TO BIDDERS

1. THIS SHEET CONTAINS A LIST OF DRAWINGS WHICH COMPRISE A FULL SET OF DRAWINGS FOR THIS PROJECT. ANY CONTRACTOR, SUBCONTRACTOR, VENDOR OR ANY OTHER PERSON PARTICIPATING IN OR BIDDING ON THIS PROJECT SHALL BE RESPONSIBLE FOR THE INFORMATION CONTAINED IN ANY AND ALL SHEETS OF DRAWINGS AND SPECIFICATIONS. IF ANY PERSON, PARTY OR ENTITY ELECTS TO SUBMIT BIDS FOR ANY PORTION, OR ALL, OF THIS PROJECT, THAT PERSON, PARTY OR ENTITY SHALL BE RESPONSIBLE FOR ANY AND ALL INFORMATION CONTAINED IN THESE DRAWINGS AND SPECIFICATIONS, INCLUDING, BUT NOT LIMITED TO, ANY SUBSEQUENT ADDENDUMS OR CLARIFICATIONS THAT MAY BE ISSUED.
2. THESE DOCUMENTS SHOW THE DESIGN INTENT. IT IS THE CONTRACTORS RESPONSIBILITY TO PROVIDE EVERYTHING SHOWN ON THE DRAWINGS OR SPECIFIED REGARDLESS OF WHERE IT IS SHOWN ON THE DRAWINGS OR IN THE SPECIFICATIONS. FOR EXAMPLE; SOME MILLWORK DETAILS HAVE STEEL FRAMES WHICH MAY BE PROVIDED BY DIVISION 05 OR WITH THE MILLWORK AT THE CONTRACTOR'S DISCRETION, BUT IT SHALL BE PROVIDED AS PART OF THE CONTRACT.
3. EVERYTHING CALLED FOR IN THESE DOCUMENTS SHALL BE "NEW" AND PROVIDED BY THE CONTRACTOR, SUBCONTRACTOR, VENDOR OR ANY OTHER PERSON PARTICIPATING IN OR BIDDING ON THIS PROJECT UNLESS NOTED OTHERWISE AS EXISTING (EXIST), NOT IN CONTRACT (NIC) OR FOR REFERENCE ONLY. FURNISHINGS SHOWN DASHED SHALL BE FOR REFERENCE ONLY.

BID ALTERNATES

Bid Alternate #1
Provide an additive alternate to remove and replace a portion of athletic track surface in the existing Stromberg Arena, and replace with specified athletic rubber flooring. The area to be replaced is everything that is currently green in color. Refer to the Demo Floor Plans (AD101) and Finish Plans (A111.3, A112.3) for defined area. Refer to the specifications for product information.

Bid Alternate #2
Provide a deductive alternate to use spray applied fire proofing in the Stromberg Arena at the deck and roof structure, in lieu of intumenscent paint, to meet the required Type IB fire protection requirements. Structural members in the addition noted to be protected by intumenscent paint are to remain as detailed.

GENERAL NOTES

1. IT IS THE CONTRACTORS RESPONSIBILITY TO REVIEW AND COORDINATE THE WORK OF ALL SUB-CONTRACTORS, TRADES AND SUPPLIERS WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS BEFORE COMMENCING CONSTRUCTION, AND TO ASSURE THAT ALL PARTIES ARE AWARE OF ALL REQUIREMENTS, REGARDLESS OF WHERE THE REQUIREMENTS OCCUR IN THE CONTRACT DOCUMENTS, WHICH MIGHT AFFECT THE WORK OF THAT PARTY.
2. AS PART OF THE CONTRACTOR'S RESPONSIBILITY TO COORDINATE THE WORK OF ALL SUB-CONTRACTORS, TRADES AND SUPPLIERS, THE CONTRACTOR SHALL ENDEAVOR TO IDENTIFY AND NOTIFY THE ARCHITECT OF ANY CONFLICTS BETWEEN THE WORK OF DIFFERENT PARTIES AT THE EARLIEST POSSIBLE DATE SO AS TO ALLOW REASONABLE AND ADEQUATE TIME FOR THE CONFLICT TO BE RESOLVED WITHOUT DELAYING THE WORK. ALL DEVIATIONS FROM THAT WHICH IS REQUIRED BY THE CONTRACT DOCUMENTS MUST BE APPROVED IN ADVANCE BY THE ARCHITECT.
3. THE ARCHITECTURAL DRAWINGS ESTABLISH AND COORDINATE THE FINISHED APPEARANCE AND EXACT LOCATION OF ALL EXPOSED ELEMENTS OF THE WORK OF ALL THE TRADES, INCLUDING THAT WORK WHICH IS ILLUSTRATED PRIMARILY ON DRAWINGS OF OTHER DISCIPLINES. QUANTITIES ARE TO BE PROVIDED AS SHOWN ON DRAWINGS OF OTHER DISCIPLINES BUT LOCATIONS SHOWN ON OTHER DRAWINGS ARE SCHEMATIC, UNLESS OTHERWISE NOTED ON THE ARCHITECTURAL DRAWINGS. THE ARCHITECTURAL DRAWINGS TAKE PRECEDENCE FOR THE FINISHED APPEARANCE AND EXACT LOCATION OF ALL PARTS OF THE WORK.
4. EXCEPT WHERE DIRECTED TO PLACE ITEMS OF WORK AT THE APPROXIMATE LOCATION SHOWN; DO NOT SCALE DRAWINGS FOR DIMENSIONAL INFORMATION. ALL ELEMENTS OF THE DRAWINGS MAY NOT BE DRAWN TO EXACT SCALE. ALL DIMENSIONS REQUIRED ARE SHOWN OR MAY BE DERIVED FROM THOSE SHOWN ON THE FLOOR PLANS, DETAIL PLANS, ELEVATIONS, SECTIONS, DETAILS, SCHEDULES AND SPECIFICATIONS. IF DIMENSIONS ARE NOT PRESENT, THE ARCHITECT IS TO BE NOTIFIED SO THAT A CLARIFICATION CAN BE ISSUED.
5. CONTRACTOR TO FOLLOW ANSI 117-1 2003 AS REPRESENTED ON SHEET G2.1 FOR ACCESSIBILITY GUIDELINES. NOTIFY ARCHITECT IF THE DESIGN DRAWINGS CONFLICT WITH THIS SHEET.

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EL-101C	LEVEL 01 REFLECTED CEILING PLAN AREA C - LIGHTING
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EL-102B	LEVEL 02 REFLECTED CEILING PLAN AREA B - LIGHTING
EL-102C	LEVEL 02 REFLECTED CEILING PLAN AREA C - LIGHTING
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EL-103B	LEVEL 03 REFLECTED CEILING PLAN AREA B - LIGHTING
EL-103C	LEVEL 03 REFLECTED CEILING PLAN AREA C - LIGHTING
Grand total: 241	

2 ADD #3

VCBO
ARCHITECTURE
VALENTINER
CRANE
BRUNJES
ONYON

LICENSED ARCHITECT No. 133912 BRENT R. TIPPETS 10.2.12 STATE OF UTAH

VCBO ARCHITECTURE
524 SOUTH 600 EAST
SALT LAKE CITY, UT 84102
Phone: (801) 575-8800
Fax: (801) 531-9850
WWW: www.vcbo.com

DFCM CODE COMPLIANCE STAMP

Student Activity Center
Stromberg Addition - BID SET
Weber State University
3750 Harrison Blvd. Ogden, UT 84408

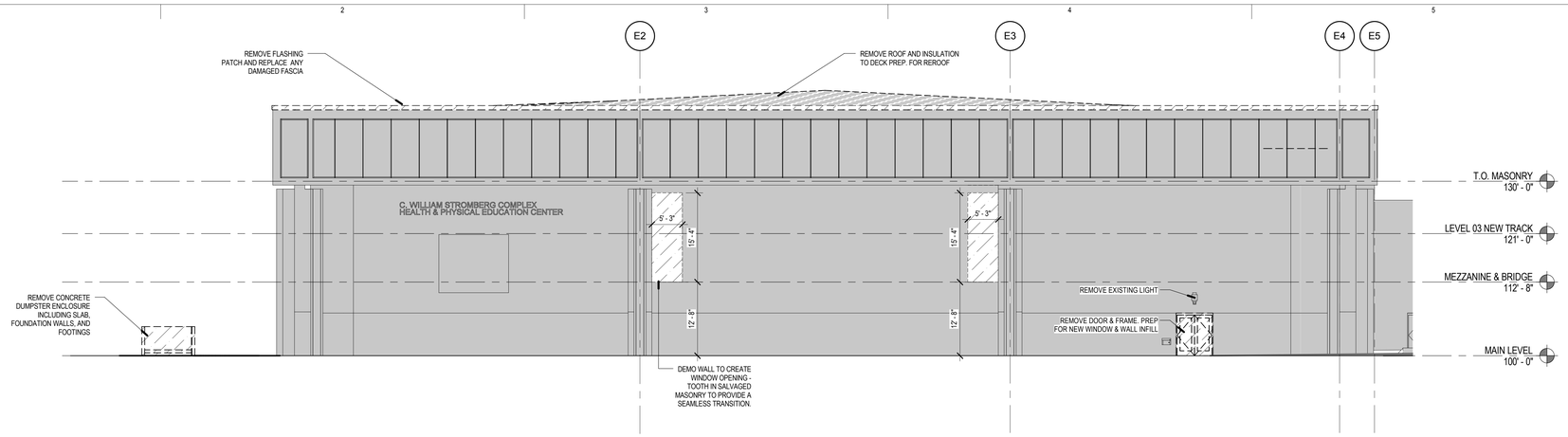
Rev #	Date	Description
2	10.19.2012	ADD #3

Job # 12475
CAD File
Drawn Author Checked Checker
Date 10.03.2012
Owner # DFCM #12031810

GENERAL INFORMATION AND INDEX

G001

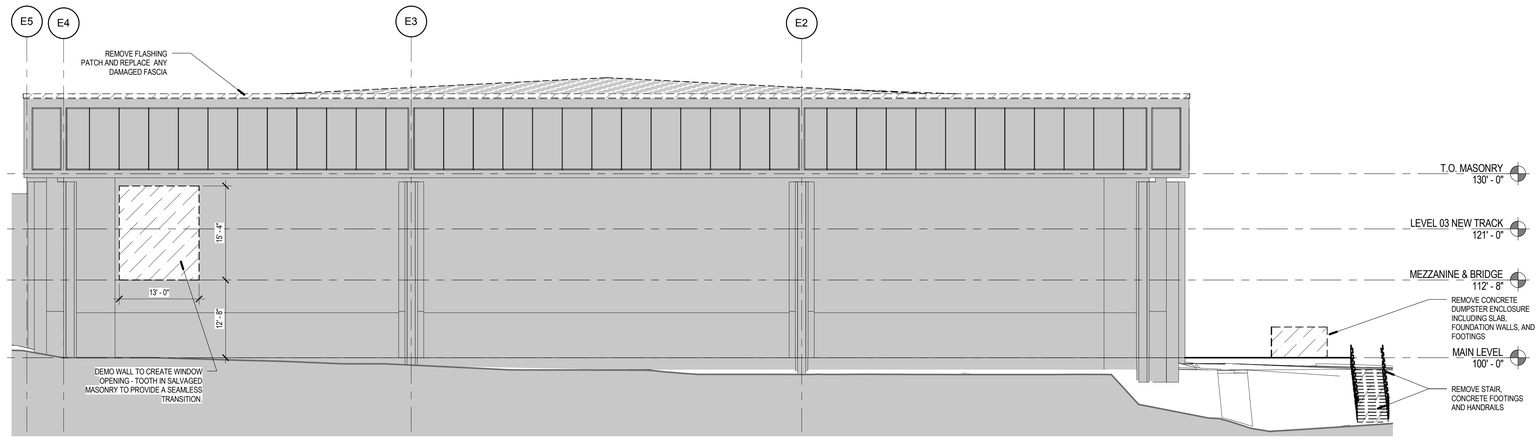
10/19/2012 3:48:58 PM



D1 DEMOLITION SOUTH ELEVATION

SCALE: 1" = 10'-0"

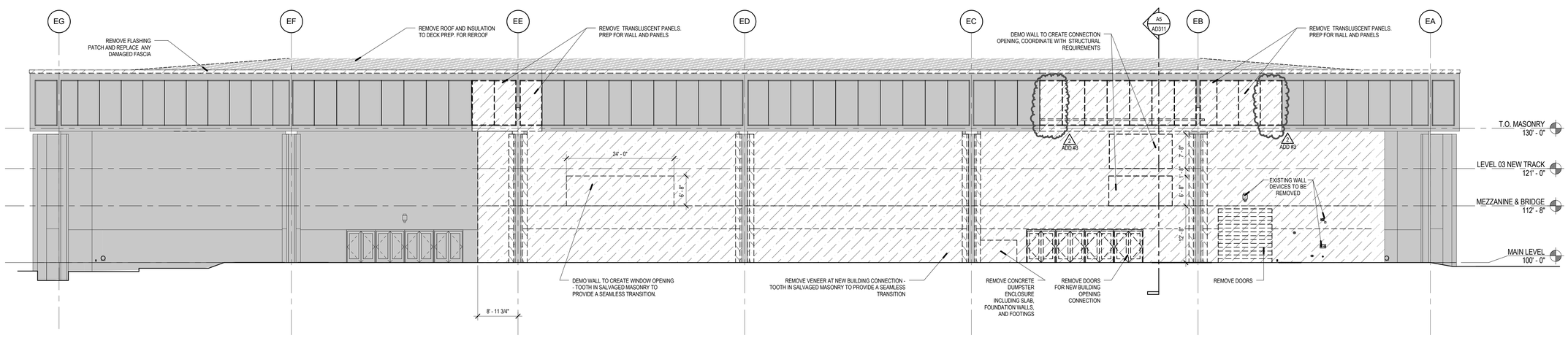
0' 5' 10' 20'



C1 DEMOLITION NORTH ELEVATION

SCALE: 1" = 10'-0"

0' 5' 10' 20'



A1 DEMOLITION WEST ELEVATION

SCALE: 1" = 10'-0"

0' 5' 10' 20'

GENERAL DEMOLITION NOTES

1. THE CONTRACTOR MUST FIELD VERIFY ALL DIMENSIONS AND CONDITIONS INCLUDING EXISTING UTILITIES PRIOR TO BIDDING AS THE LOCATIONS SHOWN IN THE DOCUMENTS ARE APPROXIMATED. ALL VARIANCES NOT SHOWN IN THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO BID.
2. CONTRACTOR TO COORDINATE WITH ELECTRICAL AND MECHANICAL PLANS FOR LOCATIONS OF ALL EXISTING AND NEW EQUIPMENT, SYSTEMS, AND DEVICES.
3. AS SOME DEMOLITION WORK WILL BE SPECIFIC TO DIVISION 22, 23, 26, THE CONTRACTOR SHALL CROSS REFERENCE WITH ELECTRICAL AND MECHANICAL PLANS FOR ADDITIONAL DEMOLITION WHICH IS REQUIRED, BUT NOT REFLECTED ON ARCHITECTURAL DRAWINGS.
4. CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO PROTECT THE EXISTING STRUCTURE, FINISHES, AND SITE ELEMENTS NOT CALLED FOR DEMOLITION DURING REMODEL OF WALLS, FLOORING MATERIAL, CASEWORK, DOORS, WINDOWS, CEILINGS, AND SITE.
5. CONTRACTOR MUST COORDINATE WORK HOURS WITH OWNER OR PROJECT REPRESENTATIVE PRIOR TO COMMENCEMENT OF WORK. APPROVAL OF PROPOSED SCHEDULE IS REQUIRED PRIOR TO COMMENCING ANY WORK. CONSTRUCTION RELATED ACTIVITIES SHALL NOT OBSTRUCT THE PROCESS OF DAY TO DAY WORK ON SITE UNLESS SPECIFICALLY APPROVED IN ADVANCE BY THE PROJECT REPRESENTATIVE. AFTER HOURS OR WEEKEND WORK SHALL BE EMPLOYED TO AVOID ADVERSE IMPACTS TO TENANT EMPLOYEES.
6. ALL EXISTING INTERIOR FINISHES, MATERIALS, STRUCTURE, SYSTEMS, LANDSCAPING, AND SITE FEATURES, ETC., NOT IDENTIFIED FOR DEMOLITION THAT ARE DAMAGED DURING THE PROCESS OF CONSTRUCTION SHALL BE RESTORED TO THEIR ORIGINAL CONDITION OR REPLACED TO MATCH AT THE CONTRACTORS EXPENSE.
7. ALL EXISTING FIRE RATINGS, AND ASSOCIATED FIRE PROTECTION SYSTEMS (I.E. FIRE SPRINKLERS AND FIRE ALARM SYSTEMS) ARE TO BE MAINTAINED THROUGHOUT CONSTRUCTION IN OCCUPIED SPACES. ANY INTERRUPTION TO THESE SYSTEMS SHALL BE COORDINATED WITH THE OWNER AND FIRE MARSHALS OFFICE. CONTRACTOR IS RESPONSIBLE FOR ANY FIRE WATCH REQUIREMENTS ASSOCIATED WITH INTERRUPTIONS TO THESE EXISTING SYSTEMS.
8. THE MAINTENANCE OF ADEQUATE FIRE EGRESS FOR OCCUPANTS IN THE EXISTING BUILDING SHALL BE COORDINATED WITH THE OWNER AND FIRE MARSHALS OFFICE. CONTRACTOR SHALL PROVIDE ALL NECESSARY TEMPORARY WALLS OR ENCLOSURES, EMERGENCY LIGHTS, ETC., FOR THE DURATION OF THE CONSTRUCTION. CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL FLOORING, WALLS, & CEILING SYSTEMS AS SHOWN ON THE DRAWINGS.
9. CONTRACTOR TO MAINTAIN EXISTING FIRE RATED ELEMENTS IN BUILDING - REPAIR IF DAMAGED.
10. CONTRACTOR TO MAINTAIN ACCESS TO STAIRS DURING CONSTRUCTION. TYP.
11. ALL ADJACENT SURFACES DAMAGED DUE TO WORK UNDER THIS CONTRACT SHALL BE PATCHED & FINISHED TO MATCH EXISTING ADJACENT SURFACES.
12. CONTRACTOR TO PROVIDE DUSTPROOF ENCLOSURES AT PERIMETER OF AREAS OF CONSTRUCTION & DEMOLITION FOR PROTECTION OF ADJACENT SPACES.
13. PATCH & LEVEL EXISTING CONCRETE SLABS AS REQUIRED FOR NEW FINISHES WITH FLOOR LEVELING COMPOUND AS APPROVED BY ARCHITECT.
14. THE GENERAL CONTRACTOR SHALL BRING TO THE ATTENTION OF THE ARCHITECT FOR IMMEDIATE RESOLUTION, ANY CODE VIOLATIONS, INCORRECT CONSTRUCTIONS OR SAFETY PROBLEMS THAT ARE EXISTING FIELD CONDITIONS.
15. THE GENERAL CONTRACTOR IS RESPONSIBLE TO COORDINATE SCOPE IN REMODEL AND NEW CONSTRUCTION AS INDICATED ON ALL ARCHITECTURAL, STRUCTURAL, ELECTRICAL, AND MECHANICAL SHEETS AND COORDINATE AND PROVIDE DEMOLITION AS NEEDED. WORK AS DESCRIBED FOR REMODEL OR ADDITION THAT IS IN CONFLICT WITH EXISTING CONDITION IS TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO DEMOLITION.

DEMOLITION LEGEND

- DASHED LINES DENOTES ITEM(S) TO BE DEMOLISHED
- SHADED AREA DENOTES EXTENTS OF STRUCTURAL AND FLOOR PLAN DEMOLITION
- AREA TO REMAIN UNDISTURBED DURING CONSTRUCTION PHASE
- BID ALTERNATE #1: REMOVE AND REPLACE GREEN PORTIONS OF ATHLETIC FLOOR. REPLACE WITH RUBBER ATHLETIC FLOORING.

KEYED NOTES

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DEMOLITION EXTERIOR ELEVATIONS

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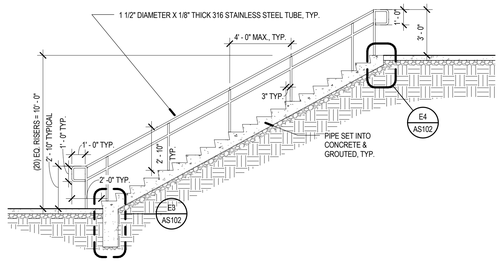
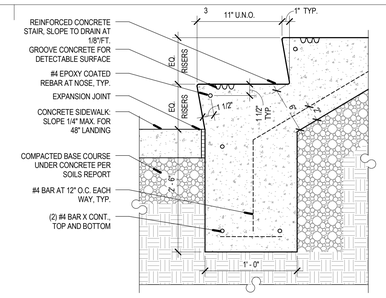


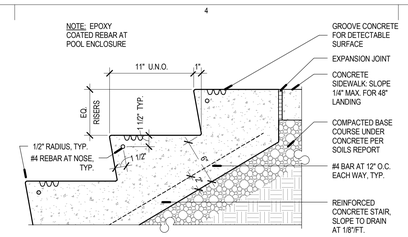
E1 SITE STAIR SECTION AT EXISTING RETAINING WALL

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



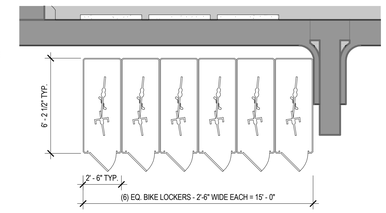
E3 CONC. STAIR BASE

SCALE: 1 1/2" = 1'-0"



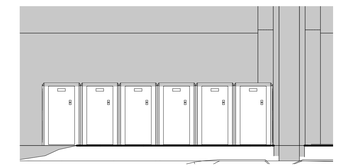
E4 TOP OF CONC. STAIRS

SCALE: 1 1/2" = 1'-0"



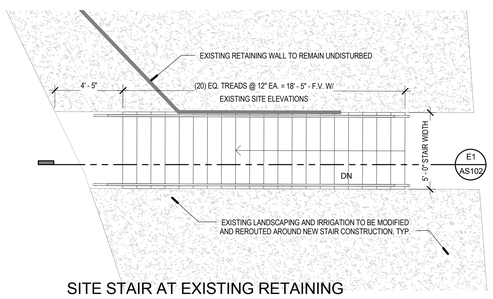
E5 ENLARGED BIKE LOCKER PLAN

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



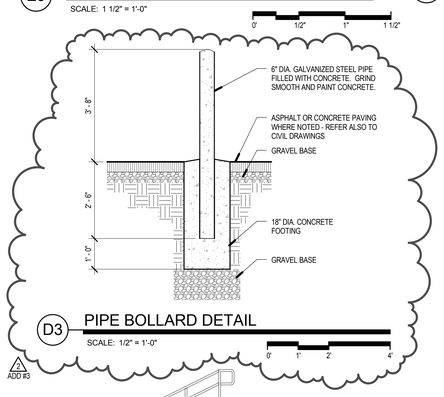
E6 BIKE LOCKER ELEVATION

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



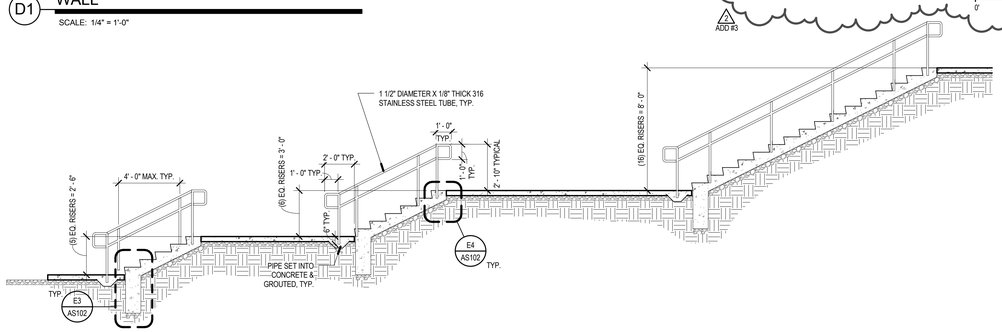
D1 SITE STAIR AT EXISTING RETAINING WALL

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



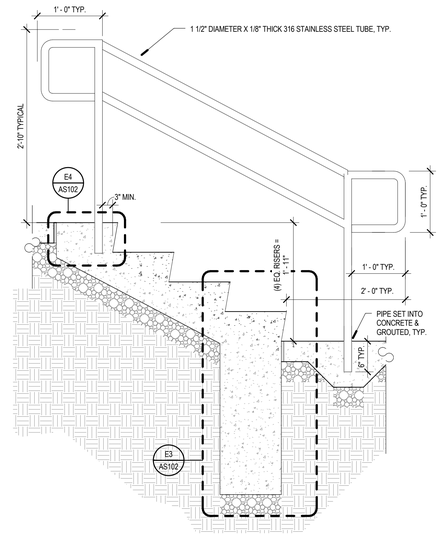
D3 PIPE BOLLARD DETAIL

SCALE: 1/2" = 1'-0"



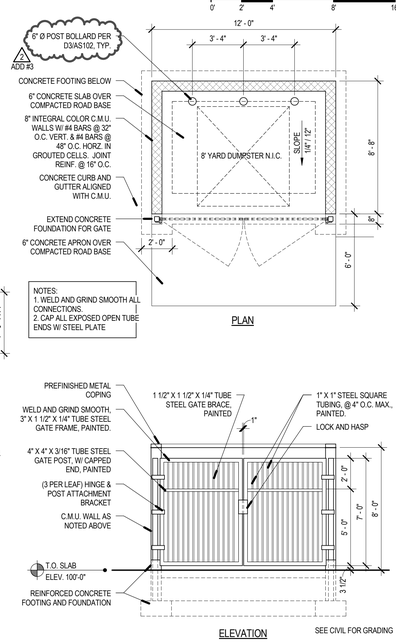
C1 SOUTHWEST STAIR

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



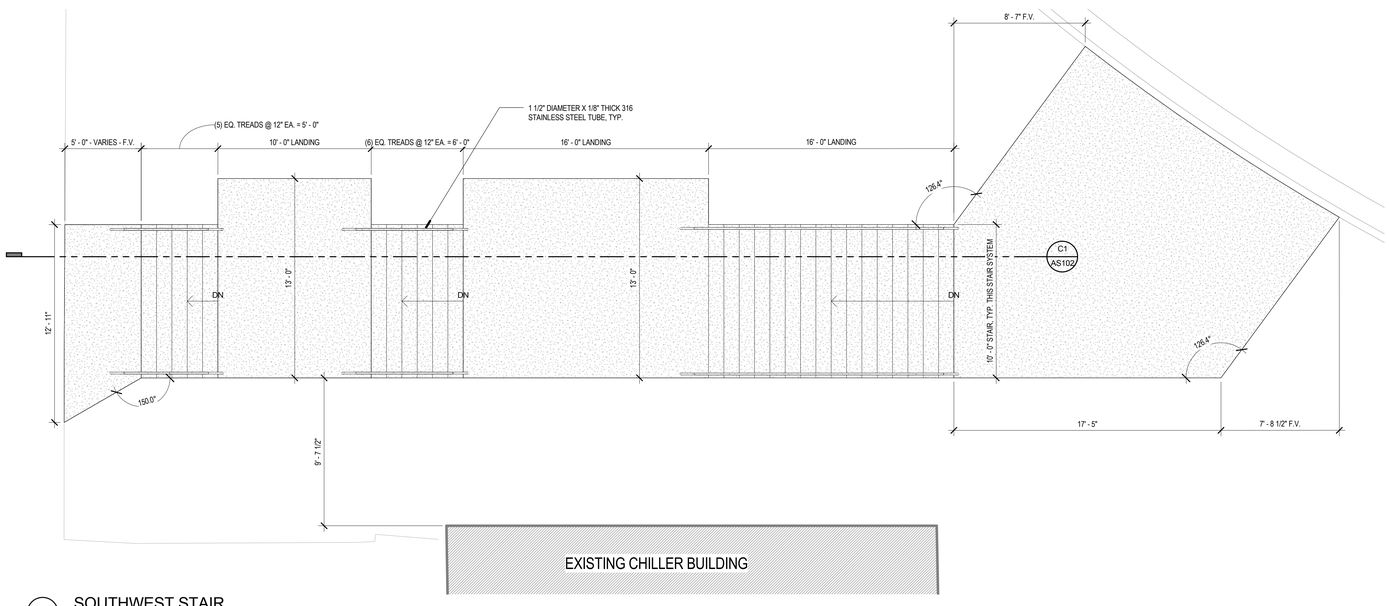
C5 SITE STAIR SECTION

SCALE: 1" = 1'-0"



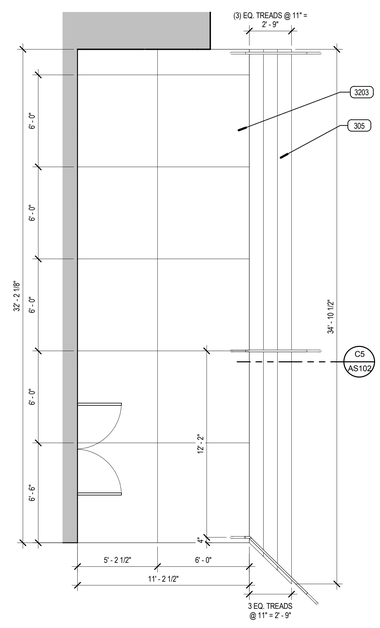
C6 DUMPSTER ENCLOSURE DETAIL

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



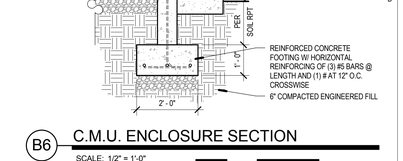
A1 SOUTHWEST STAIR

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



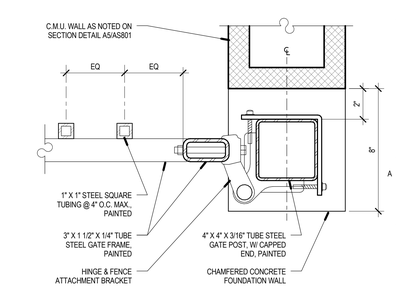
A5 ENTRY STAIR PLAN VIEW

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



B6 C.M.U. ENCLOSURE SECTION

SCALE: 1/2" = 1'-0"



A6 GATE JAMB DETAIL, (PLAN VIEW)

SCALE: 3" = 1'-0"

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SITE ENLARGED PLANS AND DETAILS

AS102

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ROOF PLAN NOTES

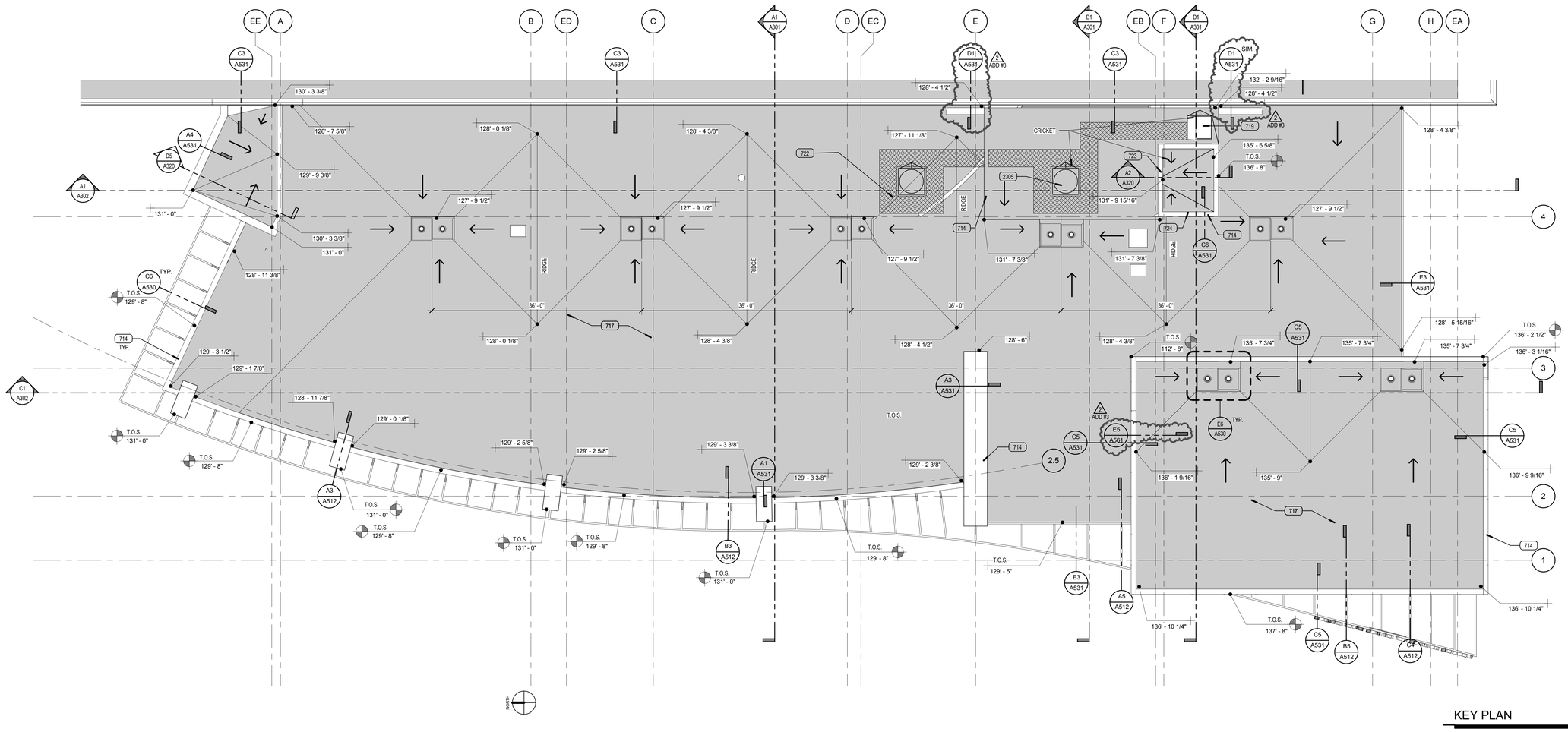
	STRUCTURE UPGRADE UNDER THIS PORTION OF EXISTING ROOF
	SINGLE PLY MEMBRANE ROOFING SYSTEM OVER TAPERED INSULATION MINIMUM SLOPES AT CRICKETS: 1/8" ALONG VALLEY, 1/4" ACROSS CRICKET & OVER FRAMED CRICKETING @ EXISTING LOCATIONS
	PROTECTIVE WALKABLE SURFACE
	DECK RIDGE OR VALLEY
	AREAS HATCHED AS SUCH SHALL NOT HAVE ANY PENETRATIONS THRU THE ROOF IN ORDED TO MAINTAIN THE 2 HOUR FIRE WALL ASSEMBLY LOCATED BELOW THE DECK (AS PER 2006 IBC SECTION 705.6.3)
T.O.I.	TOP OF INSULATION
T.O.S.	TOP OF STUD AT PARAPET
D.B.	DECK BEARING

GENERAL ROOF NOTES

1. ALL ROOF DECK IS TO BE COVERED IN R-30 INSULATION AND SPECIFIED ROOFING SYSTEM.
2. THE CONTRACTOR IS TO ASSURE THAT THE MINIMUM ROOF SLOPE IS NOT LESS THAN 1/2" PER FOOT. ANY AREA THAT IS LESS THAN 1/2" PER FOOT SLOPE SHALL BE ADJUSTED AT THE CONTRACTORS EXPENSE WITH CRICKETING TO PROVIDE THE REQUIRED SLOPE.
3. DECK BEARING ELEVATIONS SHOWN ON THIS SHEET ARE TO BE INCLUDED FOR ARCHITECT'S REFERENCE ON ALL STEEL SHOP DRAWINGS.
4. ALL ROOFING CRICKETS ARE TO BE CONSTRUCTED OF TAPERED INSULATION. CRICKETS ARE TO BE INSTALLED SO THAT A SLOPE OF 1/4" PER FOOT IS MAINTAINED ACROSS THE FACE OF THE CRICKET.
5. PROVIDE CRICKETS AT **ALL** ROOF TOP MOUNTED EQUIPMENT (I.E. SKYLIGHTS, ROOF HATCHES, ETC.) TO ASSURE POSITIVE DRAINAGE AROUND SUCH ELEMENTS.
6. ALL FLASHING, COUNTER FLASHING AND SHEET METAL WORK TO COMPLY WITH THE MINIMUM STANDARDS PER THE CURRENT EDITION OF SMACNA.
7. NOT ALL ROOF MOUNTED EQUIPMENT AND ROOF PENETRATIONS ARE SHOWN ON THE ARCHITECTURAL ROOF PLAN SHEETS. IN ADDITION TO THE ARCHITECTURAL, THE CONTRACTOR IS RESPONSIBLE FOR REFERENCING THE STRUCTURAL, MECHANICAL AND ELECTRICAL DOCUMENTS FOR ALL SUCH OCCURRENCES. ALL PENETRATIONS OF THE ROOF SHALL MEET WITH THE ROOFING MANUFACTURER'S RECOMMENDATIONS TO MAINTAIN INTEGRITY OF ROOFING SYSTEMS.
8. THE CONTRACTOR IS RESPONSIBLE AT BIDDING, FOR PROVIDING A MANUFACTURER'S APPROVED ROOFING DETAIL FOR ALL ROOFING CONDITIONS SO THAT THE SPECIFIED WARRANTY IS OBTAINED. IF A CONDITION SHOWN IN THESE CONSTRUCTION DOCUMENTS DOES NOT MEET THE REQUIREMENTS OF THE ROOFING MANUFACTURER THESE CONDITIONS ARE TO BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO BIDDING AND INSTALLATION OF THE APPROVED DETAIL.
9. THE CONTRACTOR IS TO CONFIRM THE ROOFING SYSTEM THICKNESS, INCLUDING THE RIGID INSULATION PRIOR TO INSTALLING CURB AND PARAPET BLOCKING. BLOCKING AND CURB HEIGHTS ARE TO BE ADJUSTED AS NEEDED TO CONFORM TO THE ROOFING THICKNESS TO MEET REQUIREMENTS FOR WARRANTY.
10. WHERE ROOFING MEMBRANE IS SHOWN EXTENDING UP TO THE TOP OF THE PARAPET, THE MEMBRANE IS TO WRAP UP, OVER AND DOWN THE WOOD BLOCKING. THE AIR INFILTRATION BARRIER IS TO EXTEND UP EXTERIOR FACE OF WALL AND FULLY OVER THE TOP OF THE PARAPET WALL AND UNDER THE SILL BLOCK FLASHING. VERIFY WALL TYPE FOR PARAPET CAP WIDTH. SEE DETAILS ON SHEET C5/A530. CONTRACTOR TO SEQUENCE WORK TO MEET THIS REQUIREMENT.
11. ALL TOPS OF PARAPETS TO BE PROVIDED WITH 1/2" PER FOOT MINIMUM POSITIVE SLOPE TOWARD THE ROOF FOR ADEQUATE DRAINAGE.
12. ALL PRE-MANUFACTURED MECHANICAL CURBS ARE TO BE MANUFACTURED TO ACCOMMODATE ROOF SLOPE. THEY MUST BE OF ADEQUATE HEIGHT TO ALLOW FOR THE DEPTH OF THE ROOF INSULATION, INCLUDING CRICKETS AND HAVE 8" HEIGHT ABOVE THE ROOF MEMBRANE, SEE DETAIL A2/A530.
13. SKYLIGHTS ARE TO BE INSTALLED SO THE TOP OF SKYLIGHT SLOPES 1/2" PER FOOT MINIMUM. THIS SLOPE IS TO SLOPE IN THE DIRECTION OF THE ROOF BELOW. FOR TYPICAL SKYLIGHT CURB, SEE DETAIL D3/A530.
14. ROOF DRAINS ARE TO BE INSTALLED IN A TWO LEVEL DRAIN BASIN. THE BASIN IS TO BE CONSTRUCTED USING LAYERS OF ROOFING INSULATION. SEE DETAILS D4, E5 AND E6/A530.
15. FOR TYPICAL LADDER, SEE DETAILS A4 AND C4 /A530.
16. FOR TYPICAL ROOF PIPE PENETRATIONS, SEE DETAIL D6/A530.

KEYED NOTES

714	PRE-FINISHED CONT. METAL FLASHING
717	WHITE SINGLE PLY MEMBRANE ROOFING SYSTEM
719	ROOF HATCH, SEE DETAIL D3/A530
722	TRAFFIC PAD OVER ROOF MEMBRANE
723	SIDEWALL SCUPPER PRIMARY, A3/A530 (ADD #3)
724	SIDEWALL SCUPPER OVERFLOW, A3/A530
2305	MECHANICAL EQUIPMENT

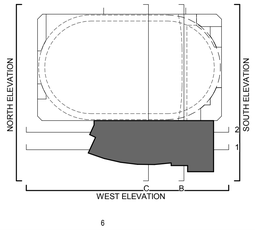


A3 ENLARGED

SCALE: 1/8" = 1'-0"

0' 4' 8' 16' 24'

KEY PLAN



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REGISTERED ARCHITECT 5-13392 BRENT R. TIPPETS 10-2-12 STATE OF UTAH

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ENLARGED ROOF PLAN

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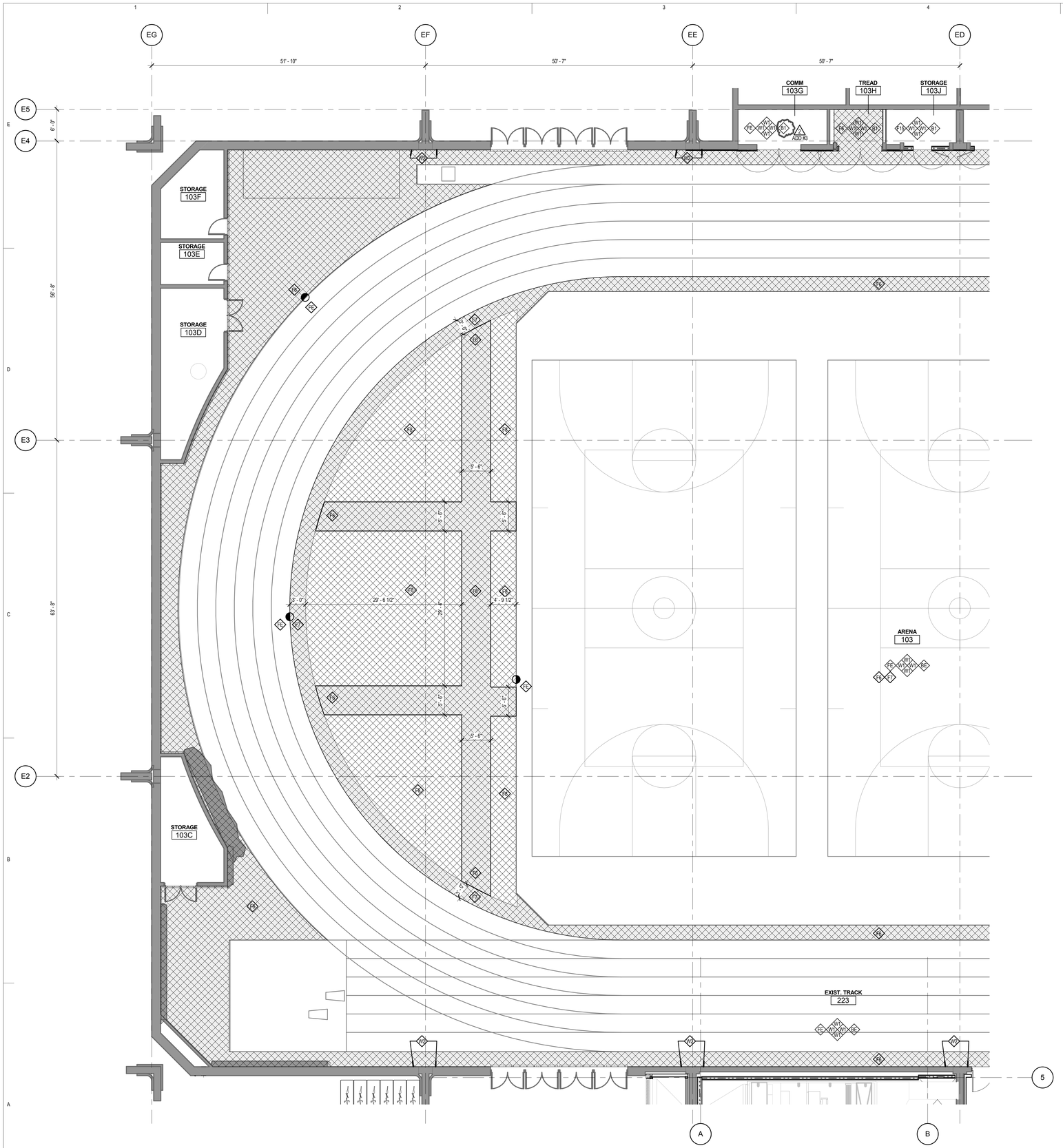
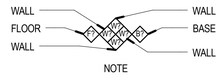


A1 LEVEL 01 AREA A - FINISH PLAN

SCALE: 1/8" = 1'-0"

0' 4' 8' 16' 24'

FINISH PLAN SYMBOLS



SINGLE FINISH SYMBOLS INDICATE WHERE FINISHES ARE DIFFERENT FROM GENERAL ROOM FINISHES, OR PROVIDE ADDITIONAL FINISH INFORMATION

CHANGE AT FLOOR MATERIAL SEE DETAIL D1/A570 FLOOR TRANSITION

XXXX SIGNAGE TAG- SEE SIGNAGE SCHEDULE AND SHEET A800 FOR MORE INFORMATION

STAINLESS STEEL CORNER GUARD TO 4'-0" A.F.F.

FINISH PLAN LEGEND

NOTE: REFER TO FINISH SCHEDULE IN SPECIFICATIONS, DIVISION 9, FOR INTERIOR FINISH SELECTIONS AND SPECIFICATIONS.

WALL MATERIALS

W1	PRIMED & PAINTED WALL SURFACE- GENERAL WHITE
W2	PRIMED & PAINTED WALL SURFACE- ACCENT GRAY
W3	PRIMED & PAINTED WALL SURFACE- ACCENT GREEN
W4	PRIMED & PAINTED WALL SURFACE- ACCENT FULLY PURPLE
W5	PRIMED & PAINTED WALL SURFACE- ACCENT CHARCOAL
W6	NOT USED
W7	WALL TILE - MOSA TILES GLOBAL COLLECTION 16650 GRAY
W8	WALL TILE - MOSA TILES GLOBAL COLLECTION 16860 BEIGE
W9	WALL TILE - MOSA TILES GLOBAL COLLECTION 20930 PURPLE
WE	EXISTING WALL FINISH

FLOOR MATERIALS

F1	GENERAL CARPET - PATCRAFT 10294 IDEA, COLOR: 00590 MINDSET
F2	ACCENT CARPET - PATCRAFT 10294 IDEA, COLOR 00100 INSIGHT
F3	VINYL TILE FLOORING - ARMSTRONG STRIATIONS BBT, T 3608 WARM GRAY
F4	MOSAIC FLOOR TILE - DAL TILE KEYSTONES BLOCK RANDOM, DESERT GRAY SPECKLE
F5	
F6	RUBBER FLOORING - MONDO SPORT IMPACT 011 MEDIUM GREY
F7	RUBBER FLOORING - MONDO SPORT IMPACT 018 DARK GREY
F8	RUBBER FLOORING - MONDO SPORT IMPACT 026 PURPLE
F9	RUNNING TRACK - MONDO
F10	ATHLETIC WOODFLOOR
F11	PORCELAIN TILE - 12X24 Q-STONE
F12	ENTRANCE / WALK OFF MATTING CARPET SYSTEM
F13	TRAFFIC COATING
F14	SEALED CONCRETE
F15	VCT
FE	EXISTING FLOOR MATERIAL

WOOD

WD1	WOOD DOORS - VT INDUSTRIES WHITE MAPLE VENEER, CLEAR FINISH CL07
WD2	STAINED AND FINISHED MDF PANEL- LIGHT
WD3	STAINED AND FINISHED MDF PANEL MDF - DARK

BASE MATERIALS

B1	4" RUBBER BASE - JOHNSONITE; 20 CHARCOAL
B2	VENTED BASE - SEE DETAIL A/A590
B3	CERAMIC TILE BASE TO MATCH W7 U.N.O. - SEE INT. ELEV.
B4	NO BASE - CAULK BETWEEN FLOOR & WALL
B5	WRAP TRAFFIC COATING UP WALL 4"
BE	EXISTING BASE

2 ADD #3

SURFACE MATERIALS

PL1	PLASTIC LAMINATE - WILSONART 7949K-18 ASIAN NIGHT (DARK GRAY)
PL2	PLASTIC LAMINATE - WILSONART 4878-38 PEWTER MESH (LIGHT GRAY)
PL3	PLASTIC LAMINATE - NEVAMAR VOUS TEMPEST VS6002T (MEDIUM GRAY)
PL4	PLASTIC LAMINATE - NEVAMAR EXTREME GREEN BAMBOO TEXTURED WX5001T (GREEN)
SS1	SOLID SURFACE - CAMBRIA WAVERTON 0250 (WHITE)
SS2	SOLID SURFACE - CAMBRIA WAVERTON 0250 (WHITE)
PLE	EXISTING PLASTIC LAMINATE
SSE	EXISTING SOLID SURFACE

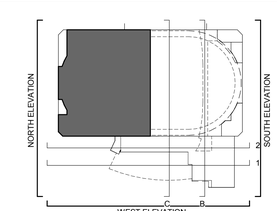
GENERAL FINISH NOTES

1. ALL FLOOR TRANSITIONS LOCATED AT CENTER OF DOOR.
2. SEE ELEVATION SHEETS FOR ALL WALL TILE PATTERNS.
3. FIELD VERIFY ALL DIMENSIONS BEFORE FABRICATION OF MILLWORK.
4. COORDINATE ALL MILLWORK WITH APPLIANCES BEFORE FABRICATION.
5. ALL WINDOW SILLS TO BE SOLID SURFACE U.N.O.
6. ALL WOOD TRIM TO BE STAINED TO MATCH DOOR STAIN.
7. ALL COUNTERTOPS TO BE PLASTIC LAMINATE, U.N.O.
8. FLOOR TILE PATTERNS TO BE INSTALLED AS INDICATED ON FINISH AND SIGNAGE PLAN.
9. TYPICAL TILE DIRECTION PATTERNS TO BE MAINTAINED AND CONSISTENT THROUGHOUT INDICATED SPACE.

BID ALTERNATE #1 LEGEND

BID ALTERNATE #1: REMOVE AND REPLACE GREEN PORTIONS OF ATHLETIC FLOOR. REPLACE WITH RUBBER ATHLETIC FLOORING.

KEY PLAN



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LICENSED ARCHITECT
No. 153972
BRENT R. TIPPETS
10-2-12
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LEVEL 01 AREA A - FINISH PLAN

A111.3

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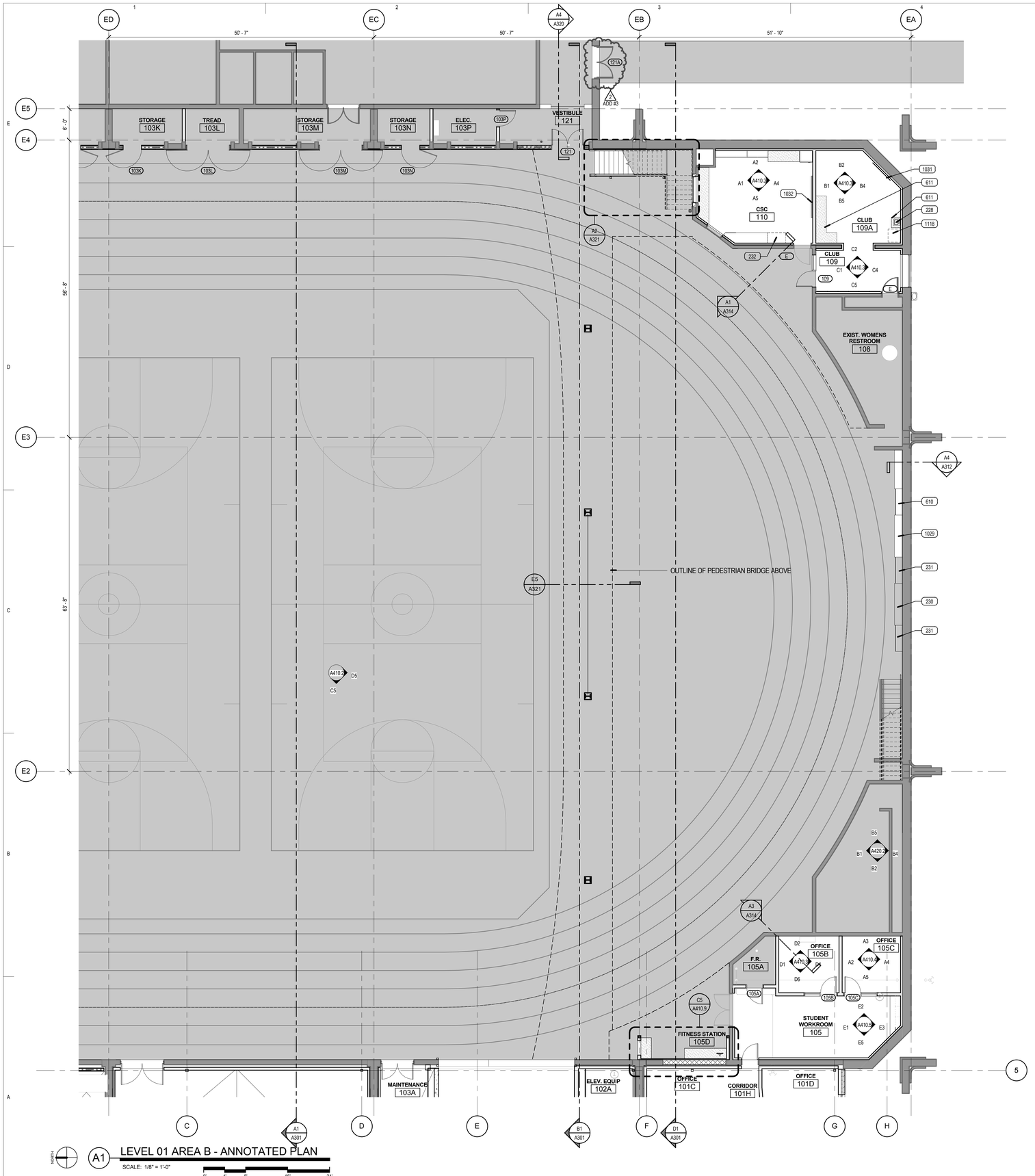


A1 LEVEL 01 AREA B - ANNOTATED PLAN

SCALE: 1/8" = 1'-0"

ANNOTATED FLOOR PLAN NOTES

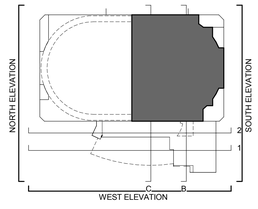
SYMBOLOGY	
B003F	DOOR NUMBER (SEE SHEET A600.0 FOR DOOR SCHEDULE)
C12	WINDOW NUMBER (SEE SHEETS A610.0, A611.0, A620.0 FOR WINDOW TYPES)
	EXISTING AREA/ ITEM TO REMAIN

1. WHERE FLOOR DRAINS ARE INSTALLED, THE FLOOR IS TO SLOPE TO THE DRAIN. THE MAXIMUM SLOPE IS NOT OT EXCEED 2% WHILE THE MINIMUM SLOPE IS NOT TO BE LESS THAN 1%.
2. WHERE CONCRETE PADS ARE CALLED TO BE CONSTRUCTED UNDER EQUIPMENT, THE SLAB IS TO BE 8" THICK, U.N.O., AND IS TO HAVE #4 BARS AT 18" O.C. EACH WAY. COORDINATE DIMENSIONS OF PAD WITH ACTUAL EQUIPMENT SPEC.
3. SEE TYPICAL FLOORING TRANSITION DETAILS SHEET A590.
4. THE CONTRACTOR IS TO ENSURE THAT BETWEEN ANY FINISH FLOOR ELEVAITON TO 34" A.F.F. ALL GUARDRAILS ARE TO BE CONSTRUCTED AND INSTALLED SO THAT A 4" SPHERE WILL NOT PASS BETWEEN ANY TOW ADJACENT GUARDRAIL COMPONENTS OR BETWEEN THE EDGE OF A GUARDRAIL AND ALL ADJACENT BUILDING ELEMENTS SUCH AS A WALL OR FLOOR, AND 8" DIAMETER SHPERE IS NOT TO PASS BETWEEN THE ABOVE MENTIONED COMPONENTS AND ELEMENTS FROM AN ELEVATION 34" A.F.F. AND HIGHER.
5. SEE TYPICAL FIRE EXTINGUISER CABINET INSTALLATION DETAILS.

KEYED NOTES

228	EXG PLUMBING FIXTURE
230	EXG BENCH
231	EXG CUBBIES
232	EXG SOUND PANEL TO BE RELOCATED
610	FREE STANDING STORAGE CUBBY CABINET
611	PLASTIC LAMINATE COUNTERTOP
1029	BENCH/ SEAT
1031	LCD SCREEN NIC
1032	TACKABLE WALL SURFACE
1118	ELECTRIC WASHER AND DRYER NIC

KEY PLAN



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10-2-12

DFCM CODE COMPLIANCE STAMP

Student Activity Center
Stromberg Addition - BID SET
Weber State University
3750 Harrison Blvd. Ogden, UT 84408

Rev #	Date	Description
2	10.19.2012	ADD #3

Job # 12475
CAD File
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Date 10.03.2012
Owner # DFCM #12031810

LEVEL 01 AREA B - ANNOTATED PLAN

A112.2

10/19/2012 3:44:57 PM

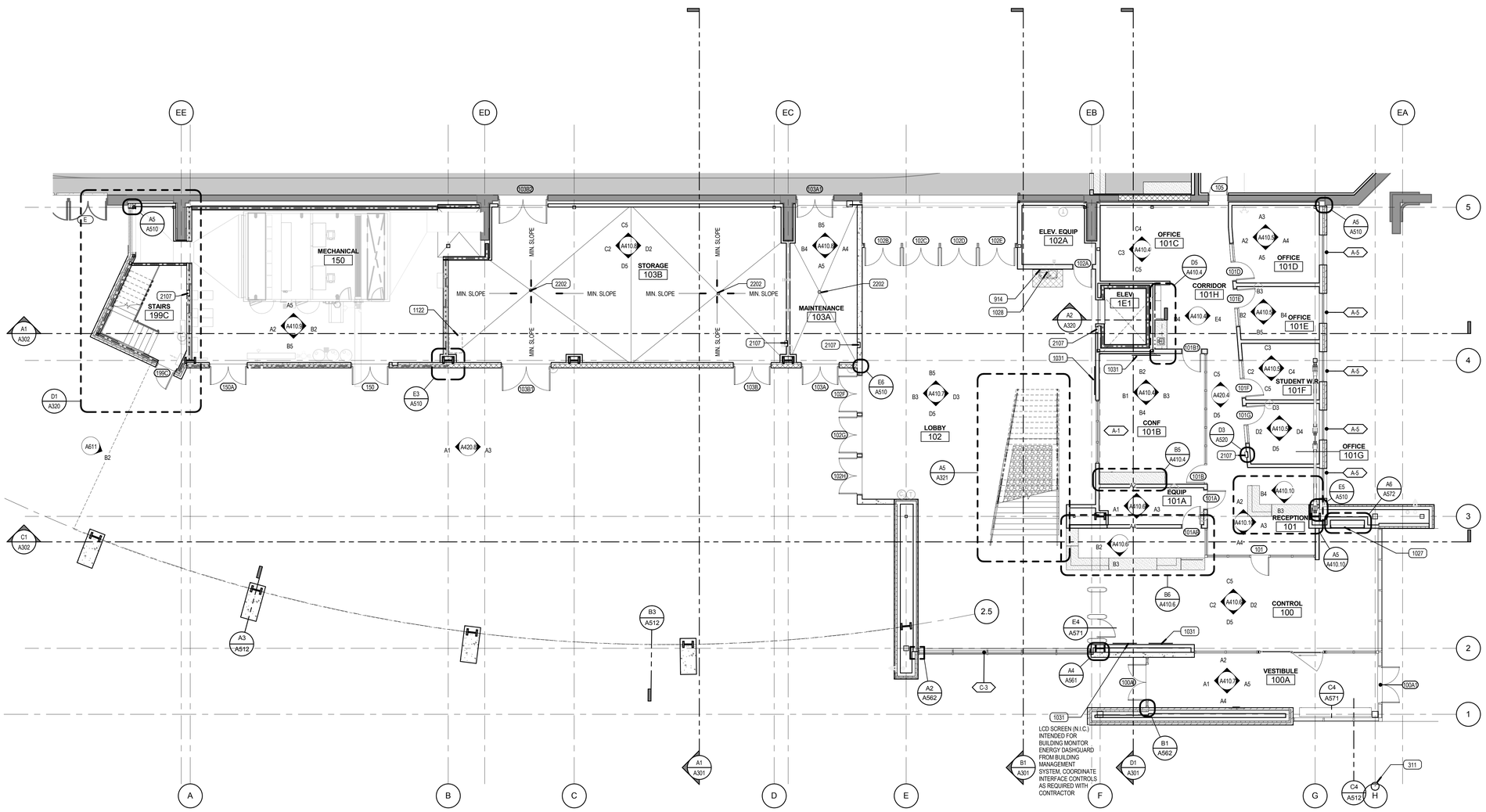
ANNOTATED FLOOR PLAN NOTES

SYMBOLOGY	
0003P	DOOR NUMBER (SEE SHEET A600.0 FOR DOOR SCHEDULE)
C12	WINDOW NUMBER (SEE SHEETS A610.0, A611.0, A620.0 FOR WINDOW TYPES)
	EXISTING AREA/ ITEM TO REMAIN

1. WHERE FLOOR DRAINS ARE INSTALLED, THE FLOOR IS TO SLOPE TO THE DRAIN. THE MAXIMUM SLOPE IS NOT OT EXCEED 2% WHILE THE MINIMUM SLOPE IS NOT TO BE LESS THAN 1%.
2. WHERE CONCRETE PADS ARE CALLED TO BE CONSTRUCTED UNDER EQUIPMENT, THE SLAB IS TO BE 8" THICK, U.N.O., AND IS TO HAVE #4 BARS AT 18" O.C. EACH WAY. COORDINATE DIMENSIONS OF PAD WITH ACTUAL EQUIPMENT SPEC.
3. SEE TYPICAL FLOORING TRANSITION DETAILS SHEET A590.
4. THE CONTRACTOR IS TO ENSURE THAT BETWEEN ANY FINISH FLOOR ELEVAITON TO 34" A.F.F. AL GUARDRAILS ARE TO BE CONSTRUCTED AND INSTALLED SO THAT A 4" SPHERE WILL NOT PASS BETWEEN ANY TOW ADJACENT GUARDRAIL COMPONENTS OR BETWEEN THE EDGE OF A GUARDRAIL AND ALL ADJACENT BUILDING ELEMENTS SUCH AS A WALL OR FLOOR. AND 8" DIAMETER SHPERE IS NOT TO PASS BETWEEN THE ABOVE MENTIONED COMPONENTS AND ELEMENTS FROM AN ELEVATION 34" A.F.F. AND HIGHER.
5. SEE TYPICAL FIRE EXTINGUISER CABINET INSTALLATION DETAILS.

KEYED NOTES

311	REINFORCED CONCRETE COLUMN
914	CERAMIC WALL TILE
1027	BUILT IN DISPLAY CASE
1028	DRINKING FOUNTAIN WITH BOTTLE FILLER
1031	LCD SCREEN NIC
1122	ICE MACHINE, NIC
2107	FIRE EXTINGUISHER CABINET
2202	FLOOR DRAIN, SEE DETAIL B6/A590

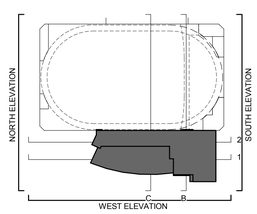


A1 FIRST FLOOR PLAN

SCALE: 1/8" = 1'-0"

0' 4' 8' 16' 24'

KEY PLAN



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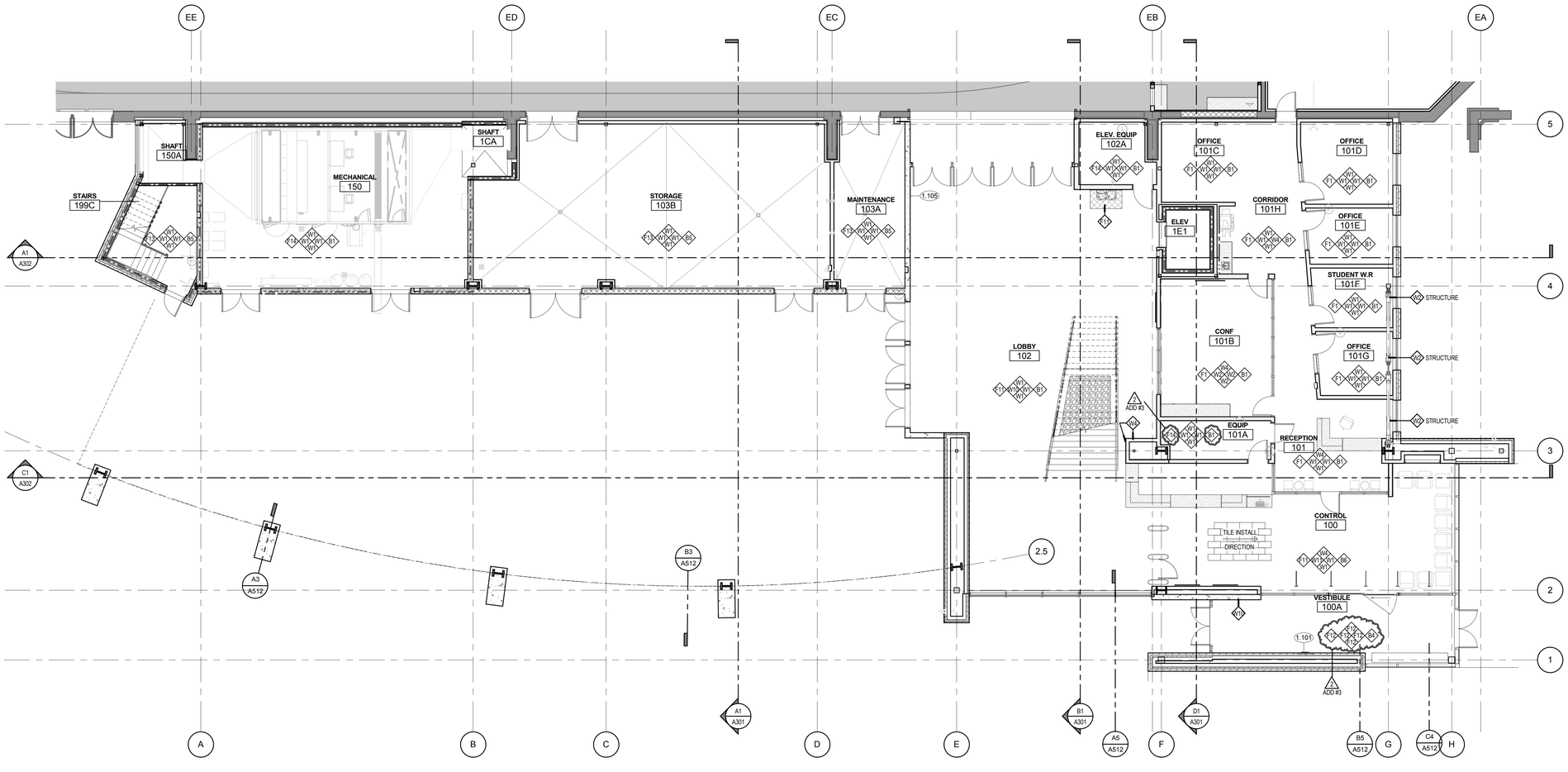
LEVEL 01 AREA C - ANNOTATED PLAN

A113.2

10/19/2012 3:45:04 PM

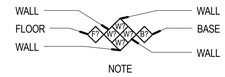


A1 LEVEL 01 AREA C - DIMENSION PLAN

SCALE: 1/8" = 1'-0"

0' 4' 8' 16' 24'

FINISH PLAN SYMBOLS



NOTE

SINGLE FINISH SYMBOLS INDICATE WHERE FINISHES ARE DIFFERENT FROM GENERAL ROOM FINISHES, OR PROVIDE ADDITIONAL FINISH INFORMATION

CHANGE AT FLOOR MATERIAL SEE DETAIL D1/A570 FLOOR TRANSITION

XXXX SIGNAGE TAG- SEE SIGNAGE SCHEDULE AND SHEET A800 FOR MORE INFORMATION

STAINLESS STEEL CORNER GUARD TO 4'-0" A.F.F.

FINISH PLAN LEGEND

NOTE: REFER TO FINISH SCHEDULE IN SPECIFICATIONS, DIVISION 9, FOR INTERIOR FINISH SELECTIONS AND SPECIFICATIONS.

WALL MATERIALS

W1	PRIMED & PAINTED WALL SURFACE- GENERAL WHITE
W2	PRIMED & PAINTED WALL SURFACE- ACCENT GRAY
W3	PRIMED & PAINTED WALL SURFACE- ACCENT GREEN
W4	PRIMED & PAINTED WALL SURFACE- ACCENT FULLY PURPLE
W5	PRIMED & PAINTED WALL SURFACE- ACCENT CHARCOAL
W6	NOT USED
W7	WALL TILE - MOSA TILES GLOBAL COLLECTION 16650 GRAY
W8	WALL TILE - MOSA TILES GLOBAL COLLECTION 16860 BEIGE
W9	WALL TILE - MOSA TILES GLOBAL COLLECTION 20930 PURPLE
WE	EXISTING WALL FINISH

FLOOR MATERIALS

F1	GENERAL CARPET - PATCRAFT 10294 IDEA, COLOR: 00590 MINDSET
F2	ACCENT CARPET - PATCRAFT 10294 IDEA, COLOR 00100 INSIGHT
F3	VINYL TILE FLOORING - ARMSTRONG STRATIONS 88ET, T 3608 WARM GRAY
F4	MOSAIC FLOOR TILE - DALTILE KEYSTONES BLOCK RANDOM, DESERT GRAY SPECKLE
F5	
F6	RUBBER FLOORING - MONDO SPORT IMPACT 011 MEDIUM GREY
F7	RUBBER FLOORING - MONDO SPORT IMPACT 018 DARK GREY
F8	RUBBER FLOORING - MONDO SPORT IMPACT 026 PURPLE
F9	RUNNING TRACK - MONDO
F10	ATHLETIC WOODFLOOR
F11	PORCELAIN TILE - 12X24 Q-STONE
F12	ENTRANCE / WALK OFF MATTING CARPET SYSTEM
F13	TRAFFIC COATING
F14	SEALED CONCRETE
F15	VCT
FE	EXISTING FLOOR MATERIAL

WOOD

WD1	WOOD DOORS - VT INDUSTRIES WHITE MAPLE VENEER, CLEAR FINISH CL07
WD2	STAINED AND FINISHED MDF PANEL - LIGHT
WD3	STAINED AND FINISHED MDF PANEL MDF - DARK

BASE MATERIALS

B1	4" RUBBER BASE - JOHNSONITE; 20 CHARCOAL
B2	VENTED BASE - SEE DETAIL M/A530
B3	CERAMIC TILE BASE TO MATCH W7 U.N.O. - SEE INT. ELEV.
B4	NO BASE - CAULK BETWEEN FLOOR & WALL
B5	WRAP TRAFFIC COATING UP WALL 4"
BE	EXISTING BASE

ADD #3

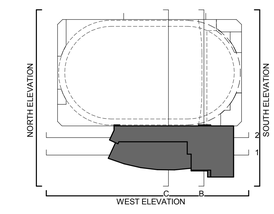
SURFACE MATERIALS

PL1	PLASTIC LAMINATE - WILSONART 7949K-18 ASIAN NIGHT (DARK GRAY)
PL2	PLASTIC LAMINATE - WILSONART 4878-38 PEWTER MESH (LIGHT GRAY)
PL3	PLASTIC LAMINATE - NEVAMAR VOUS TEMPEST VS6002T (MEDIUM GRAY)
PL4	PLASTIC LAMINATE - NEVAMAR EXTREME GREEN BAMBOO TEXTURED WX5001T (GREEN)
SS1	SOLID SURFACE - CAMBRIA WAVERTON 0250 (WHITE)
SS2	SOLID SURFACE - CAMBRIA WAVERTON 0250 (WHITE)
PLE	EXISTING PLASTIC LAMINATE
SSE	EXISTING SOLID SURFACE

GENERAL FINISH NOTES

1. ALL FLOOR TRANSITIONS LOCATED AT CENTER OF DOOR.
2. SEE ELEVATION SHEETS FOR ALL WALL TILE PATTERNS.
3. FIELD VERIFY ALL DIMENSIONS BEFORE FABRICATION OF MILLWORK.
4. COORDINATE ALL MILLWORK WITH APPLIANCES BEFORE FABRICATION.
5. ALL WINDOW SILLS TO BE SOLID SURFACE U.N.O.
6. ALL WOOD TRIM TO BE STAINED TO MATCH DOOR STAIN.
7. ALL COUNTERTOPS TO BE PLASTIC LAMINATE, U.N.O.
8. FLOOR TILE PATTERNS TO BE INSTALLED AS INDICATED ON FINISH AND SIGNAGE PLAN.
9. TYPICAL TILE DIRECTION PATTERNS TO BE MAINTAINED AND CONSISTENT THROUGHOUT INDICATED SPACE.

KEY PLAN



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Owner # DFCM #12031810

LEVEL 01 AREA C - FINISH PLAN

A113.3

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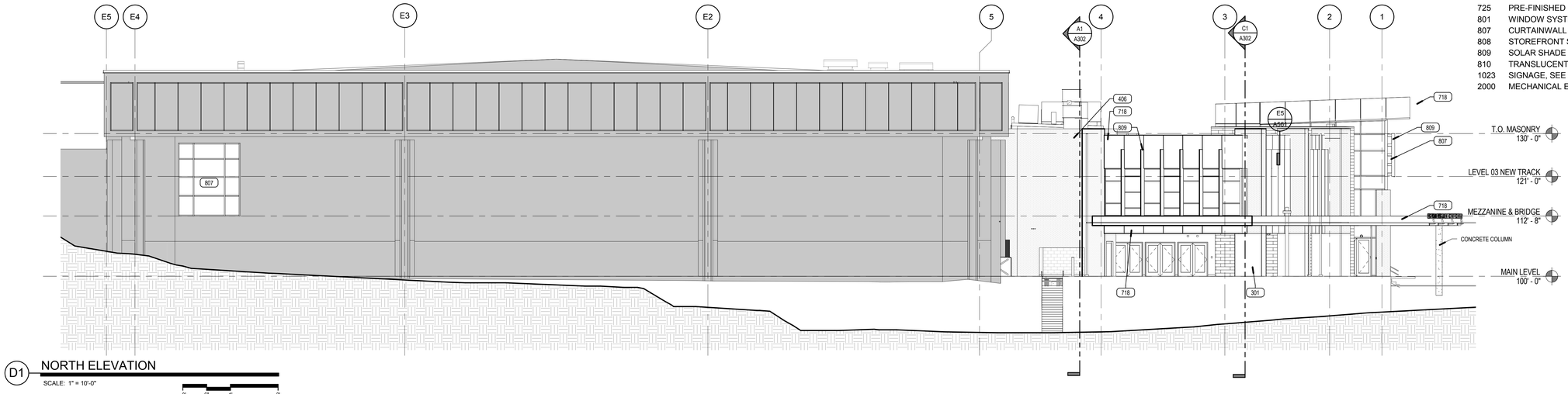
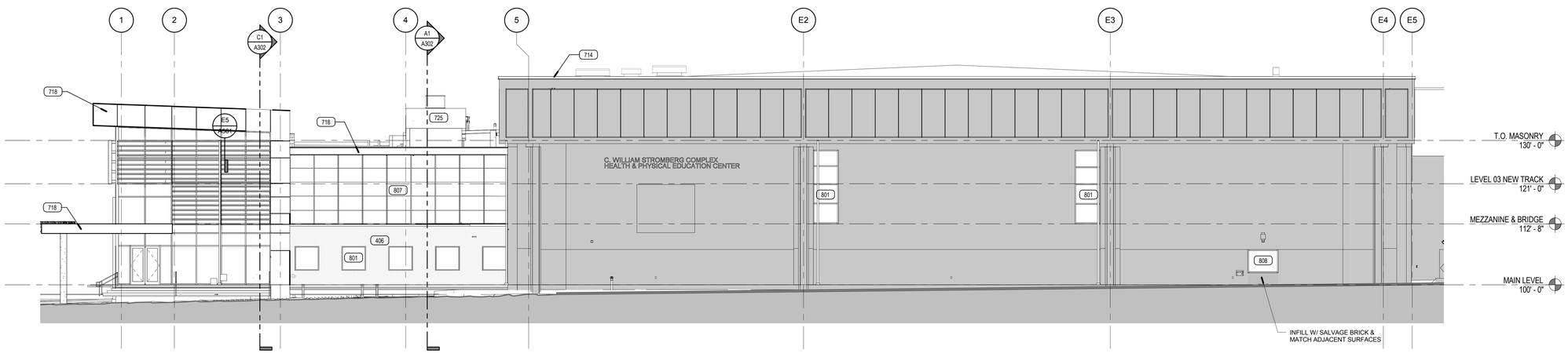
KEYED NOTES

301	REINFORCED CONCRETE FOUNDATION WALL
402	8"X8"X16" HONED SINGLE SCORED CMU
406	BRICK VENEER SYSTEM
412	STONE CLADDING SYSTEM
714	PRE-FINISHED CONT. METAL FLASHING
718	PREFINISHED EXTERIOR COMPOSITE METAL PANEL SYSTEM
725	PRE-FINISHED INSULATED METAL PANEL
801	WINDOW SYSTEM
807	CURTAINWALL SYSTEM
808	STOREFRONT SYSTEM
809	SOLAR SHADE
810	TRANSLUCENT PANEL SYSTEM, MATCH EXISTING
1023	SIGNAGE, SEE SCHEDULE
2000	MECHANICAL EQUIPMENT



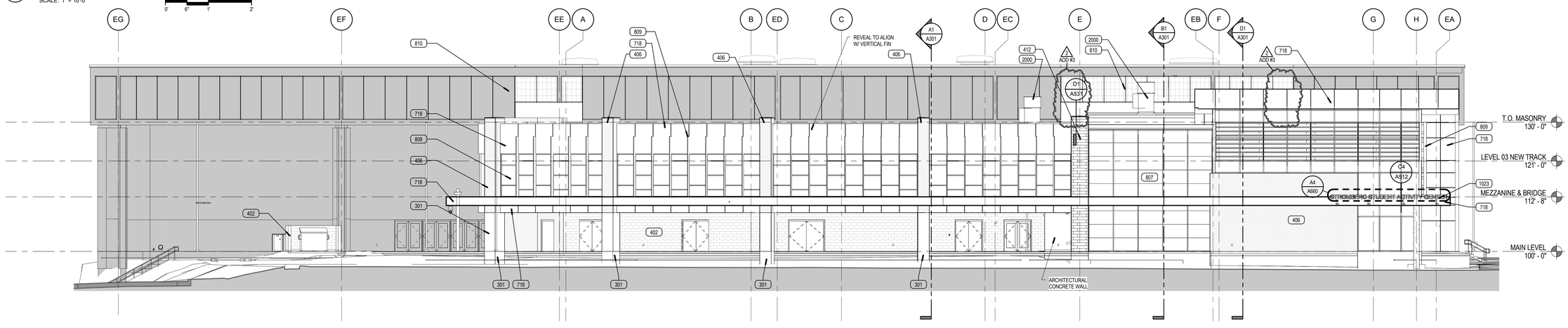
D1 NORTH ELEVATION

SCALE: 1" = 10'-0"



B1 SOUTH ELEVATION

SCALE: 1" = 10'-0"



A1 WEST ELEVATION

SCALE: 1" = 10'-0"

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BUILDING ELEVATIONS

A201

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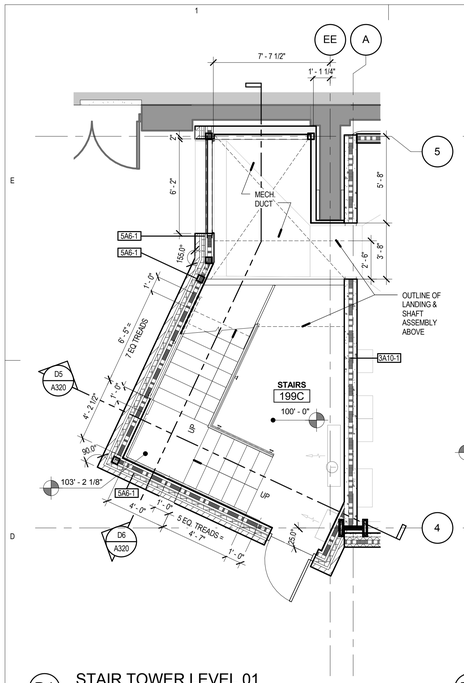
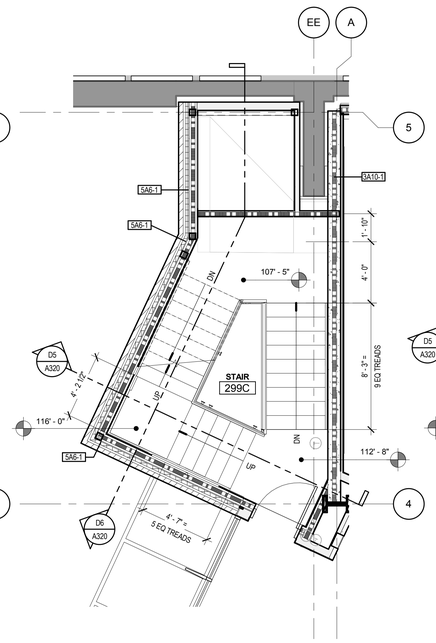


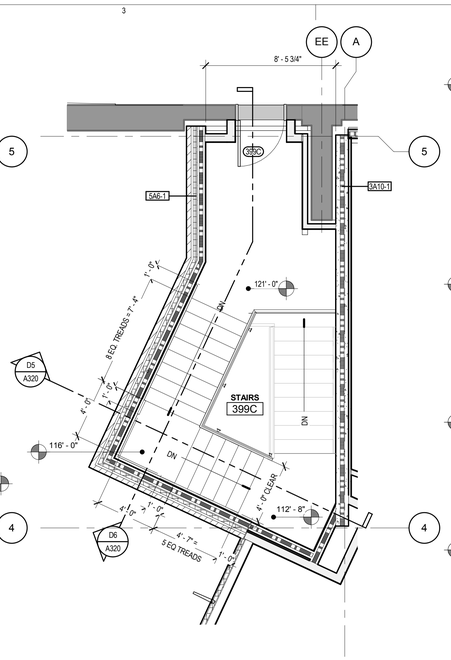
D1 STAIR TOWER LEVEL 01

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



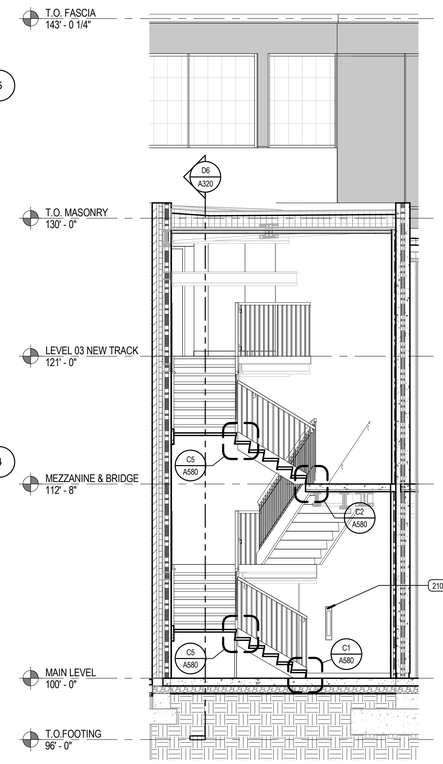
D2 STAIR TOWER LEVEL 02

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



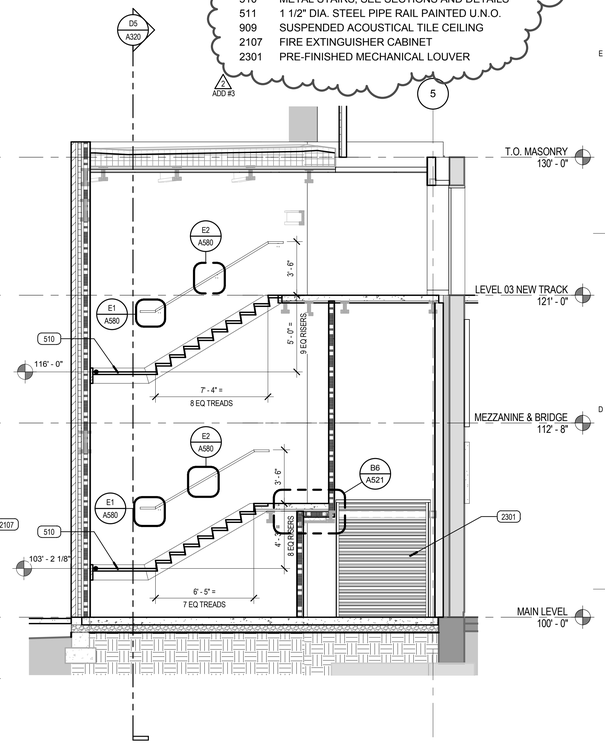
D3 STAIR TOWER - LEVEL 03

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



D5 STAIR TOWER SECTION

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

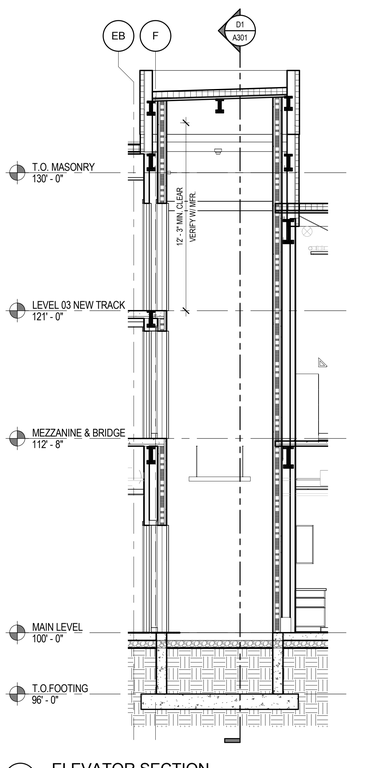


D6 STAIR TOWER SECTION 2

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

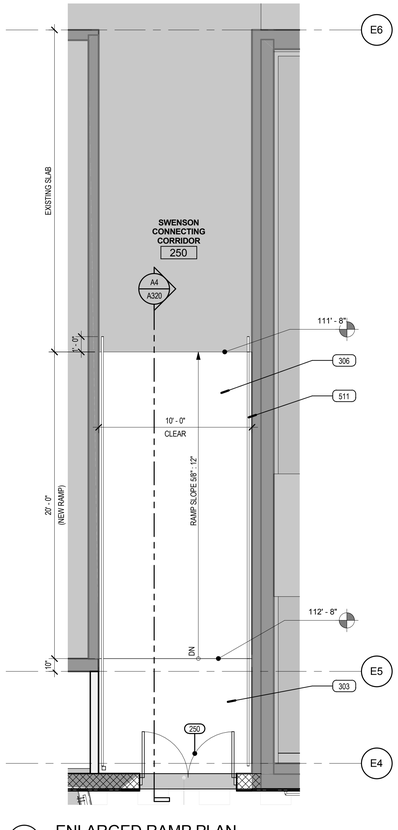
KEYED NOTES

207	EXG CONCRETE SLAB
303	REINFORCED CONCRETE SLAB
306	REINFORCED CONCRETE RAMP
510	METAL STAIRS, SEE SECTIONS AND DETAILS
511	1 1/2" DIA. STEEL PIPE RAIL PAINTED U.N.O.
909	SUSPENDED ACOUSTICAL TILE CEILING
2107	FIRE EXTINGUISHER CABINET
2301	PRE-FINISHED MECHANICAL LOUVER



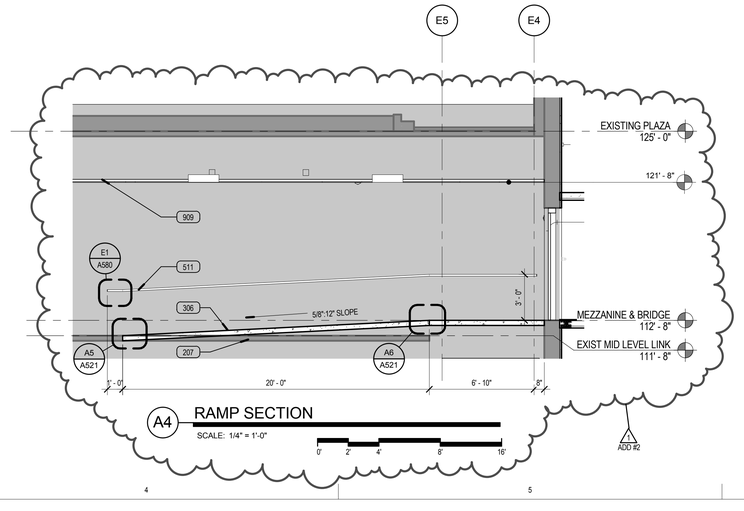
A2 ELEVATOR SECTION

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



A3 ENLARGED RAMP PLAN

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



A4 RAMP SECTION

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

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Stromberg Addition - BID SET

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1	10.12.2012	ADD #2
2	10.19.2012	ADD #3

Job # 12475
CAD File
Drawn Author Checked Checker
Date 10.03.2012
Owner # DFCM #12031810

STAIR PLANS, ELEVATIONS & SECTIONS

A320

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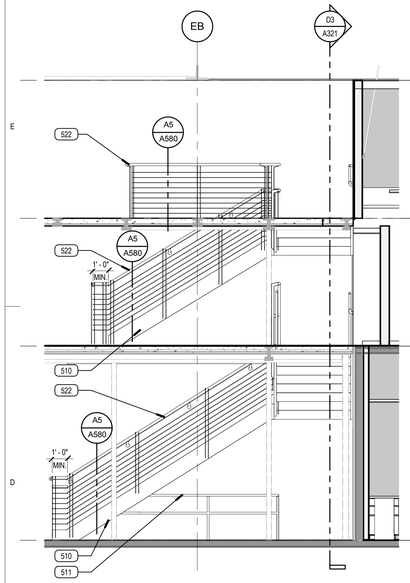
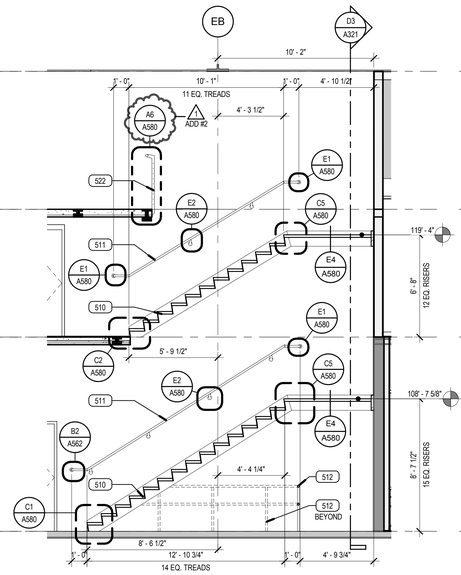


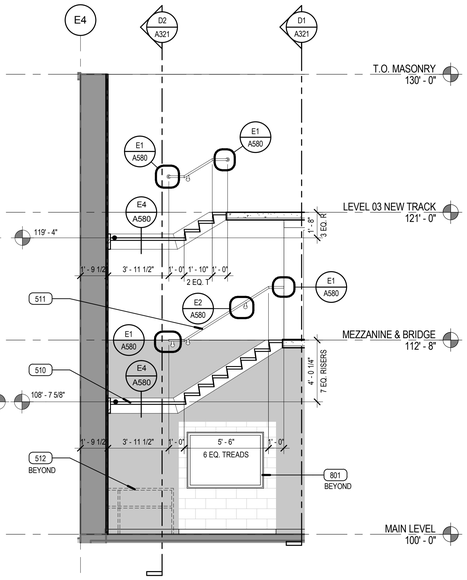
D1 EAST STAIR RAILING VIEW

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



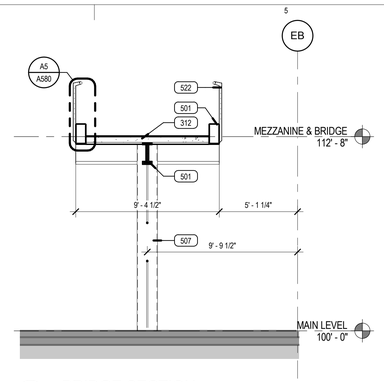
D2 EAST STAIR SECTION 1

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



D3 EAST STAIR SECTION 2

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



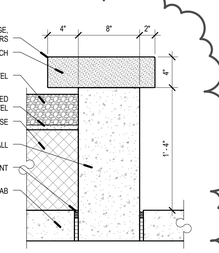
E5 BRIDGE SECTION

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

KEYED NOTES

207	EXG CONCRETE SLAB
216	EXG WALL
312	REINFORCED CONCRETE SLAB OVER METAL DECK
313	REINFORCED ARCHITECTURAL CONCRETE
314	REINFORCED PRECAST CONCRETE
501	STEEL BEAM PAINTED WHERE EXPOSED
507	STEEL COLUMN PAINTED WHERE EXPOSED
510	METAL STAIRS, SEE SECTIONS AND DETAILS
511	1 1/2" DIA. STEEL PIPE RAIL PAINTED U.N.O.
512	1-1/2" STEEL PIPE GUARDRAIL PAINTED TYP.
513	DECORATIVE RAILING WITH 1/2" GLAZING
522	DECORATIVE RAILING
801	WINDOW SYSTEM
908	PRECAST TERRAZO STAIR TREADS

ADD #3

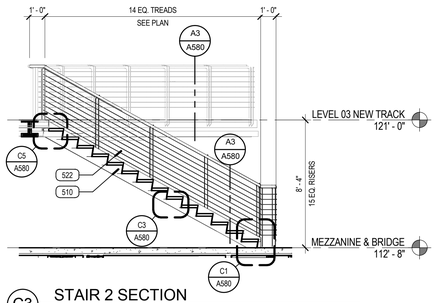


D6 ARCHITECTURAL CONCRETE BENCH

SCALE: 1 1/2" = 1'-0"

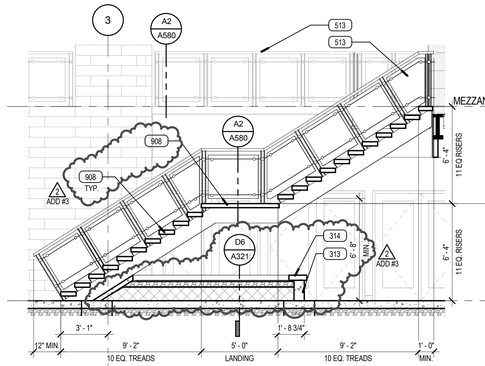
C2 EAST STAIR - LVL 03

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



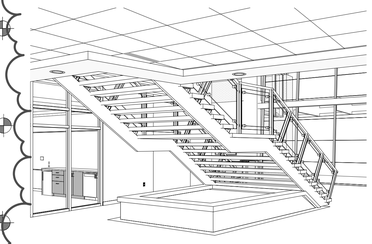
C3 STAIR 2 SECTION

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



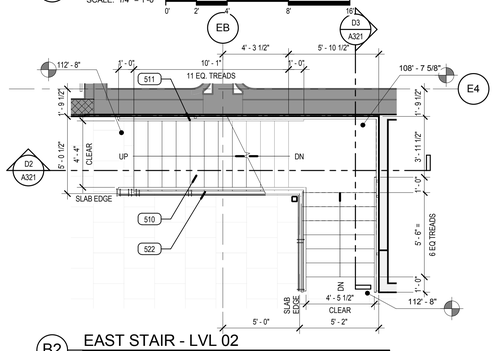
C5 GRAND STAIR SECTION

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



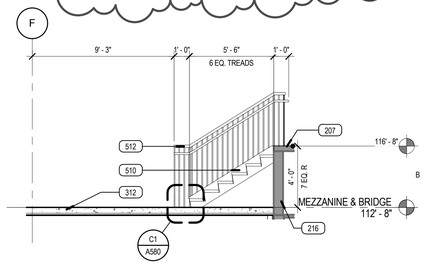
C6 BENCH @ GRAND STAIR

SCALE:



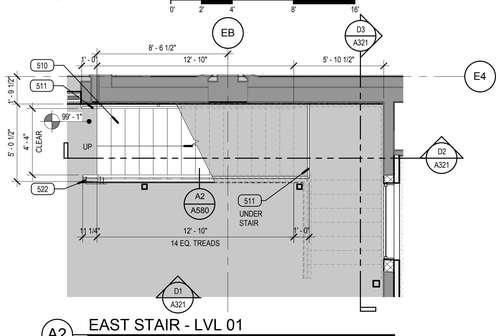
B2 EAST STAIR - LVL 02

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



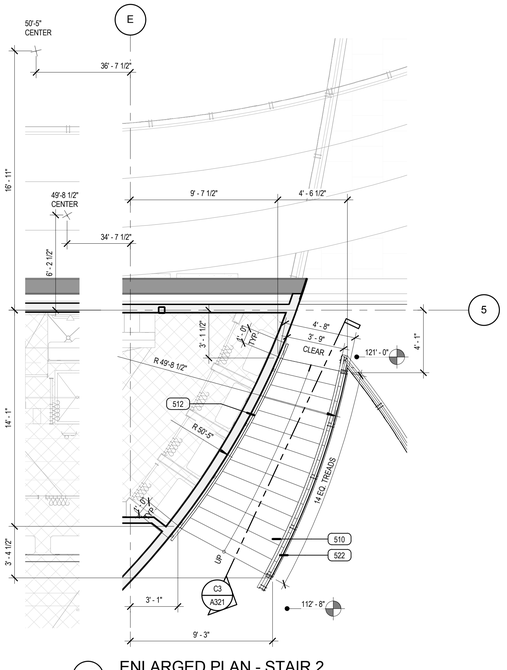
B6 STORAGE STAIR 1 SECTION

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



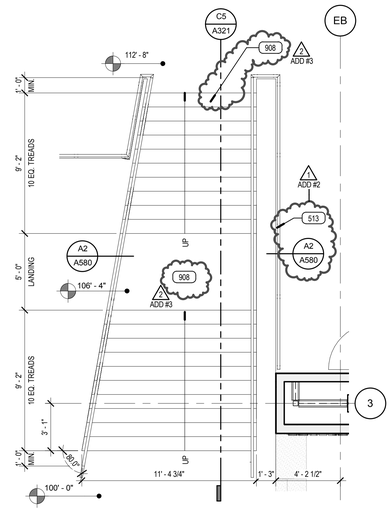
A2 EAST STAIR - LVL 01

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



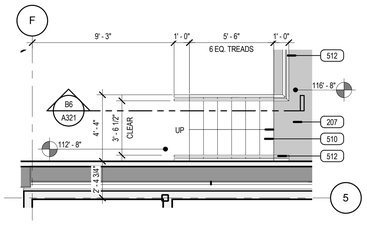
A3 ENLARGED PLAN - STAIR 2

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



A5 ENLARGED GRAND STAIR PLAN

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



A6 STORAGE STAIR 1

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

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524 SOUTH 600 EAST
SALT LAKE CITY, UT 84102
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Fax: (801) 531-9850
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DFCM CODE COMPLIANCE STAMP

Student Activity Center

Stromberg Addition - BID SET

Weber State University
3750 Harrison Blvd. Ogden, UT 84408

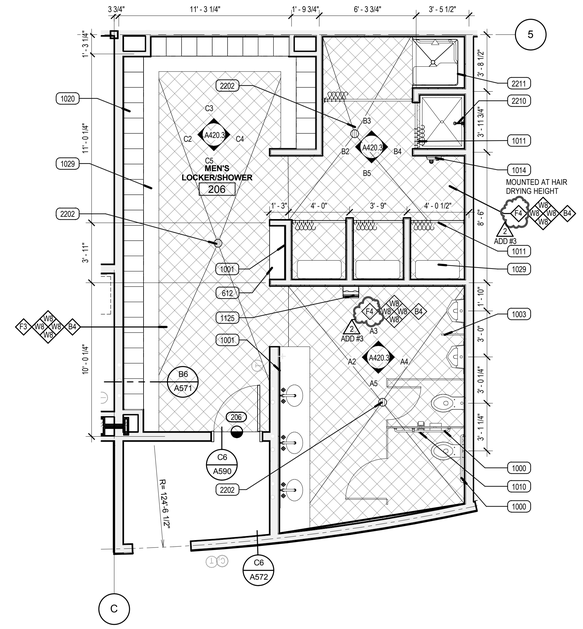
Rev #	Date	Description
1	10.12.2012	ADD #2
2	10.19.2012	ADD #3

Job # 12475
CAD File
Drawn Author Checked Checker
Date 10.03.2012
Owner # DFCM #12031810

STAIR PLANS, SECTIONS AND DETAILS

A321

10/19/2012 3:46:36 PM

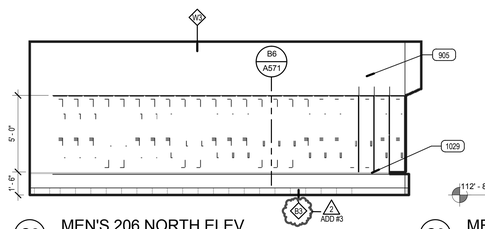


D5 MEN'S 206 ENLARGED PLAN

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

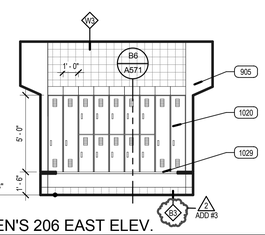
KEYED NOTES

612	QUARTZ COUNTERTOP
800	DOOR & FRAME
905	5/8" GYP. BD. PAINTED WHERE EXPOSED
914	CERAMIC WALL TILE
1000	GRAB BAR
1001	MIRROR
1002	TOILET PARTITION
1003	URINAL SCREEN
1010	TOILET PAPER DISPENSER, NIC
1011	SHOWER CURTAIN, ROD AND HOOKS
1014	ELECTRIC HAND / HAIR DRYER
1020	PHENOLIC LOCKER-SEE ELEVATIONS
1029	BENCH/ SEAT
1033	STEEL PANEL BEHIND FIXTURE
1125	AIR BLADE HAND DRYER
2200	SINK AND FAUCET
2202	FLOOR DRAIN, SEE DETAIL B6/A590
2208	TOILET
2209	URINAL
2210	SHOWER HEAD / FAUCET
2211	ADA SHOWER ENCLOSURE



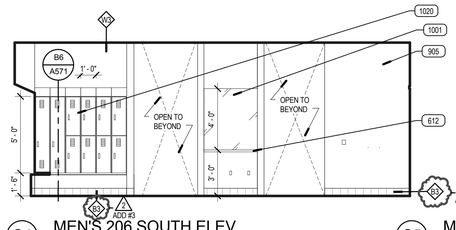
C2 MEN'S 206 NORTH ELEV.

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



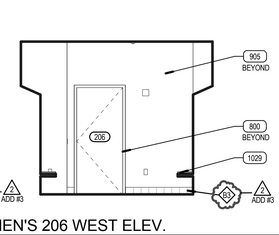
C3 MEN'S 206 EAST ELEV.

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



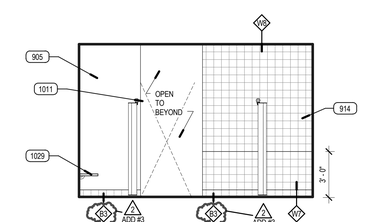
C4 MEN'S 206 SOUTH ELEV.

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



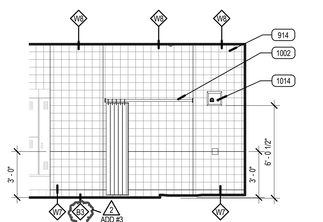
C5 MEN'S 206 WEST ELEV.

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



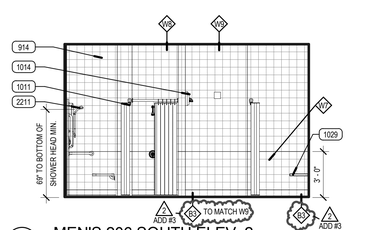
B2 MEN'S 206 NORTH ELEV. 2

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



B3 MEN'S 206 EAST ELEV. 2

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



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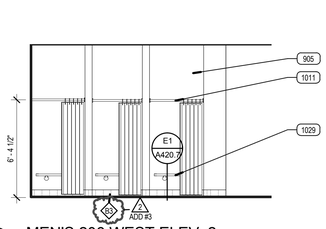

B5 MEN'S 206 WEST ELEV. 2

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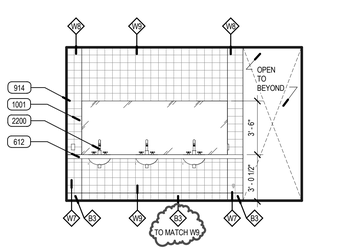

A2 MEN'S 206 NORTH ELEV. 3

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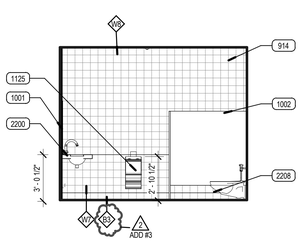

A3 MEN'S 206 EAST ELEV. 3

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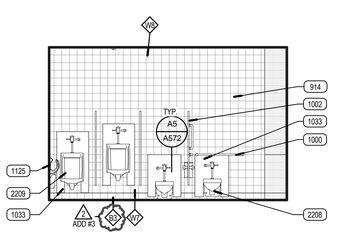

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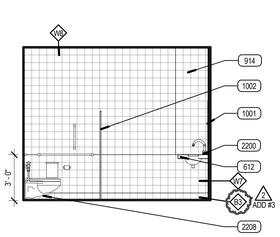
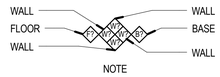


A5 MEN'S 206 WEST ELEV. 3

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

FINISH PLAN SYMBOLS



NOTE

SINGLE FINISH SYMBOLS INDICATE WHERE FINISHES ARE DIFFERENT FROM GENERAL ROOM FINISHES, OR PROVIDE ADDITIONAL FINISH INFORMATION

CHANGE AT FLOOR MATERIAL SEE DETAIL D1/A570 FLOOR TRANSITION

XXXX SIGNAGE TAG- SEE SIGNAGE SCHEDULE AND SHEET A800 FOR MORE INFORMATION

STAINLESS STEEL CORNER GUARD TO 4'-0" A.F.F.

FINISH PLAN LEGEND

NOTE: REFER TO FINISH SCHEDULE IN SPECIFICATIONS, DIVISION 9, FOR INTERIOR FINISH SELECTIONS AND SPECIFICATIONS.

WALL MATERIALS

W1	PRIMED & PAINTED WALL SURFACE- GENERAL WHITE
W2	PRIMED & PAINTED WALL SURFACE- ACCENT GRAY
W3	PRIMED & PAINTED WALL SURFACE- ACCENT GREEN
W4	PRIMED & PAINTED WALL SURFACE- ACCENT FULLY PURPLE
W5	PRIMED & PAINTED WALL SURFACE- ACCENT CHARCOAL
W6	NOT USED
W7	WALL TILE - MOSA TILES GLOBAL COLLECTION 16650 GRAY
W8	WALL TILE - MOSA TILES GLOBAL COLLECTION 16860 BEIGE
W9	WALL TILE - MOSA TILES GLOBAL COLLECTION 20930 PURPLE
WE	EXISTING WALL FINISH

FLOOR MATERIALS

F1	GENERAL CARPET - PATCRAFT 10294 IDEA, COLOR: 00590 MINDSET
F2	ACCENT CARPET - PATCRAFT 10294 IDEA, COLOR 00100 INSIGHT
F3	VINYL TILE FLOORING - ARMSTRONG STRIATIONS BBT, T 3608 WARM GRAY
F4	MOSAIC FLOOR TILE - DALTILE KEYSTONES BLOCK RANDOM, DESERT GRAY SPECKLE
F5	
F6	RUBBER FLOORING - MONDO SPORT IMPACT 011 MEDIUM GREY
F7	RUBBER FLOORING - MONDO SPORT IMPACT 018 DARK GREY
F8	RUBBER FLOORING - MONDO SPORT IMPACT 026 PURPLE
F9	RUNNING TRACK - MONDO
F10	ATHLETIC WOODFLOOR
F11	PORCELAIN TILE - 12X24 Q-STONE
F12	ENTRANCE / WALK OFF MATTING CARPET SYSTEM
F13	TRAFFIC COATING
F14	SEALED CONCRETE
F15	VCT
FE	EXISTING FLOOR MATERIAL

WOOD

WD1	WOOD DOORS - VT INDUSTRIES WHITE MAPLE VENEER, CLEAR FINISH CL07
WD2	STAINED AND FINISHED MDF PANEL- LIGHT
WD3	STAINED AND FINISHED MDF PANEL MDF - DARK

BASE MATERIALS

B1	4" RUBBER BASE - JOHNSONITE; 20 CHARCOAL
B2	VENTED BASE - SEE DETAIL A/A590
B3	CERAMIC TILE BASE TO MATCH W7 U.N.O. - SEE INT. ELEV.
B4	NO BASE - CAULK BETWEEN FLOOR & WALL
B5	WRAP TRAFFIC COATING UP WALL 4"
BE	EXISTING BASE

SURFACE MATERIALS

PL1	PLASTIC LAMINATE - WILSONART 7949K-18 ASIAN NIGHT (DARK GRAY)
PL2	PLASTIC LAMINATE - WILSONART 4878-38 PEWTER MESH (LIGHT GRAY)
PL3	PLASTIC LAMINATE - NEVAMAR VOUS TEMPEST VS6002T (MEDIUM GRAY)
PL4	PLASTIC LAMINATE - NEVAMAR EXTREME GREEN BAMBOO TEXTURED WX5001T (GREEN)
SS1	SOLID SURFACE - CAMBRIA WAVERTON 0250 (WHITE)
SS2	SOLID SURFACE - CAMBRIA WAVERTON 0250 (WHITE)
PLE	EXISTING PLASTIC LAMINATE
SSE	EXISTING SOLID SURFACE

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VCBO ARCHITECTURE
524 SOUTH 600 EAST
SALT LAKE CITY, UT 84102
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Fax: (801) 531-9850
WWW: www.vcbo.com

DFCM CODE COMPLIANCE STAMP

Student Activity Center
Stromberg Addition - BID SET
Weber State University
3750 Harrison Blvd. Ogden, UT 84408

Rev #	Date	Description
2	10.19.2012	ADD #3

Job # 12475
CAD File
Drawn Author Checked Checker
Date 10.03.2012
Owner # DFCM #12031810

LEVEL 02 INTERIOR ELEVATIONS

A420.3

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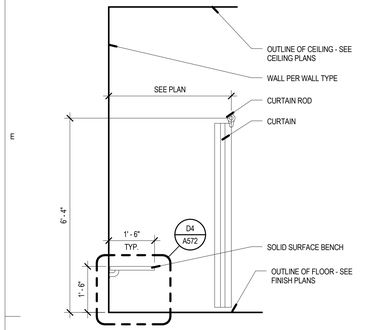

E1 DRESSING STALL SECTION
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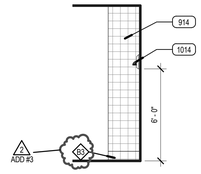
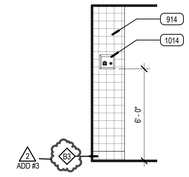
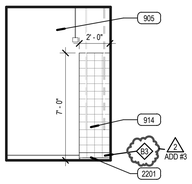


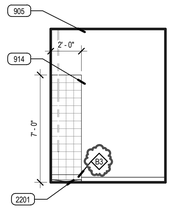
E3 HAIR DRYER 207 NORTH
SCALE: 1/4" = 1'-0"



E4 HAIR DRYER 207 EAST
SCALE: 1/4" = 1'-0"



D2 CUSTODIAL 208 NORTH ELEV.
SCALE: 1/4" = 1'-0"



D1 CUSTODIAL 208 EAST ELEV.
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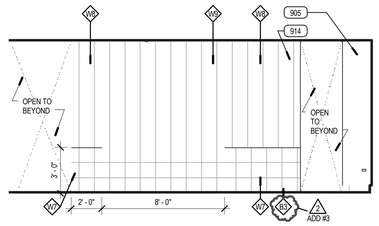
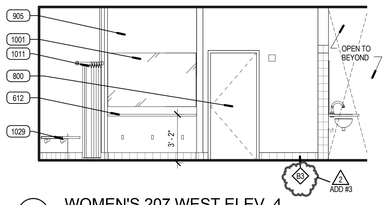
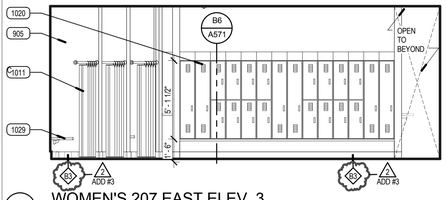


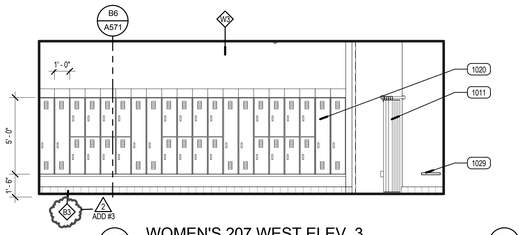
D3 WOMEN'S 207 EAST ELEV. 4
SCALE: 1/4" = 1'-0"



D4 WOMEN'S 207 WEST ELEV. 4
SCALE: 1/4" = 1'-0"



C1 WOMEN'S 207 EAST ELEV. 3
SCALE: 1/4" = 1'-0"



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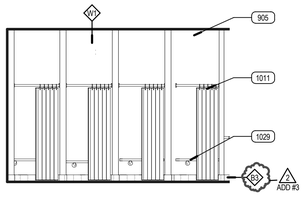

C4 WOMEN'S 207 DRESSING
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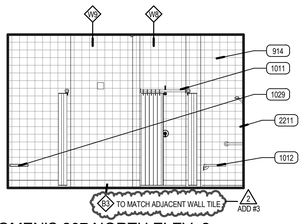
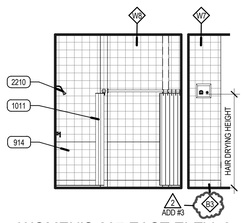
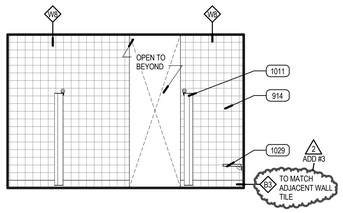


B2 WOMEN'S 207 NORTH ELEV. 2
SCALE: 1/4" = 1'-0"



B1 WOMEN'S 207 EAST ELEV. 2
SCALE: 1/4" = 1'-0"



B4 WOMEN'S 207 SOUTH ELEV. 2
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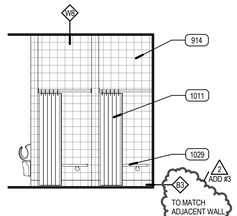
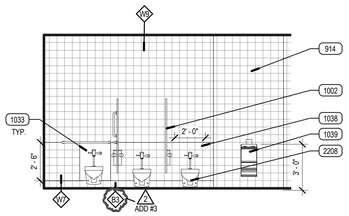
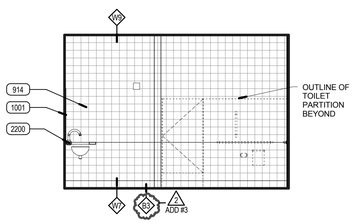


B3 WOMEN'S 207 WEST ELEV. 2
SCALE: 1/4" = 1'-0"



A1 WOMEN'S 207 NORTH ELEV.
SCALE: 1/4" = 1'-0"



A2 WOMEN'S 207 EAST ELEV.
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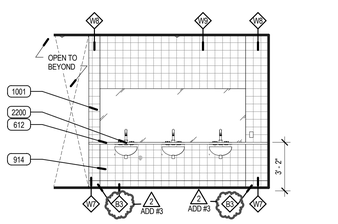

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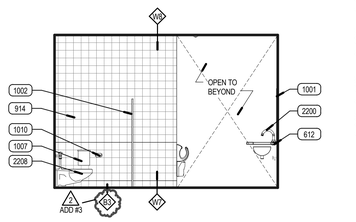
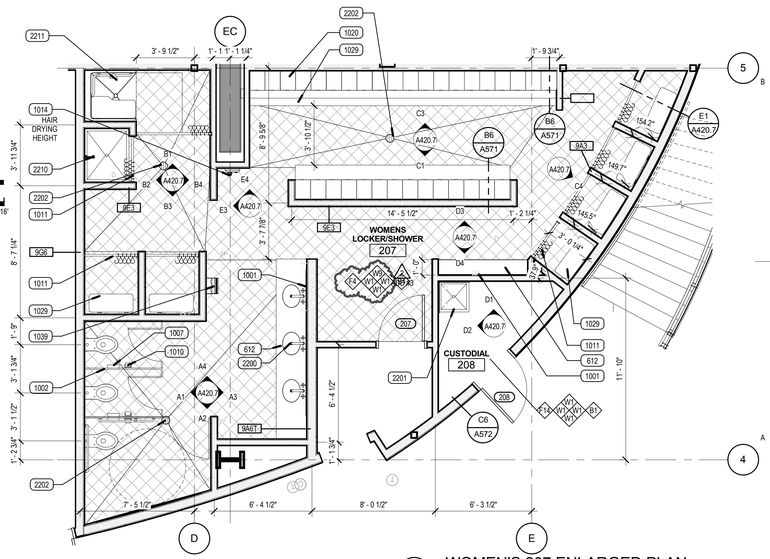
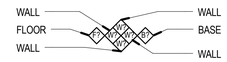


A4 WOMEN'S 207 WEST ELEV.
SCALE: 1/4" = 1'-0"



A6 WOMEN'S 207 ENLARGED PLAN
SCALE: 1/4" = 1'-0"

FINISH PLAN SYMBOLS



NOTE

SINGLE FINISH SYMBOLS INDICATE WHERE FINISHES ARE DIFFERENT FROM GENERAL ROOM FINISHES, OR PROVIDE ADDITIONAL FINISH INFORMATION

CHANGE AT FLOOR MATERIAL SEE DETAIL D1/A570 FLOOR TRANSITION

XXXX SIGNAGE TAG- SEE SIGNAGE SCHEDULE AND SHEET A800 FOR MORE INFORMATION

STAINLESS STEEL CORNER GUARD TO 4'-0" A.F.F.

FINISH PLAN LEGEND

NOTE: REFER TO FINISH SCHEDULE IN SPECIFICATIONS, DIVISION 9, FOR INTERIOR FINISH SELECTIONS AND SPECIFICATIONS.

WALL MATERIALS

W1	PRIMED & PAINTED WALL SURFACE- GENERAL WHITE
W2	PRIMED & PAINTED WALL SURFACE- ACCENT GRAY
W3	PRIMED & PAINTED WALL SURFACE- ACCENT GREEN
W4	PRIMED & PAINTED WALL SURFACE- ACCENT FULLY PURPLE
W5	PRIMED & PAINTED WALL SURFACE- ACCENT CHARCOAL
W6	NOT USED
W7	WALL TILE - MOSA TILES GLOBAL COLLECTION 16650 GRAY
W8	WALL TILE - MOSA TILES GLOBAL COLLECTION 16860 BEIGE
W9	WALL TILE - MOSA TILES GLOBAL COLLECTION 20930 PURPLE
WE	EXISTING WALL FINISH

FLOOR MATERIALS

F1	GENERAL CARPET - PATCRAFT 10294 IDEA, COLOR: 00590 MINDSET
F2	ACCENT CARPET - PATCRAFT 10294 IDEA, COLOR 00100 INSIGHT
F3	VINYL TILE FLOORING - ARMSTRONG STRIATIONS BBT, T 3608 WARM GRAY
F4	MOSAIC FLOOR TILE - DALTILE KEYSTONES BLOCK RANDOM, DESERT GRAY SPECKLE
F5	
F6	RUBBER FLOORING - MONDO SPORT IMPACT 011 MEDIUM GREY
F7	RUBBER FLOORING - MONDO SPORT IMPACT 018 DARK GREY
F8	RUBBER FLOORING - MONDO SPORT IMPACT 026 PURPLE
F9	RUNNING TRACK - MONDO
F10	ATHLETIC WOODFLOOR
F11	PORCELAIN TILE - 12X24 Q-STONE
F12	ENTRANCE / WALK OFF MATTING CARPET SYSTEM
F13	TRAFFIC COATING
F14	SEALED CONCRETE
F15	VCT
FE	EXISTING FLOOR MATERIAL

WOOD

WD1	WOOD DOORS - VT INDUSTRIES WHITE MAPLE VENEER, CLEAR FINISH CL07
WD2	STAINED AND FINISHED MDF PANEL- LIGHT
WD3	STAINED AND FINISHED MDF PANEL MDF - DARK

BASE MATERIALS

B1	4" RUBBER BASE - JOHNSONITE: 20 CHARCOAL
B2	VENTED BASE - SEE DETAIL A6/A590
B3	CERAMIC TILE BASE TO MATCH W7 U.N.O. - SEE INT. ELEV.
B4	NO BASE - CAULK BETWEEN FLOOR & WALL
B5	WRAP TRAFFIC COATING UP WALL 4"
BE	EXISTING BASE

SURFACE MATERIALS

PL1	PLASTIC LAMINATE - WILSONART 7949K-18 ASIAN NIGHT (DARK GRAY)
PL2	PLASTIC LAMINATE - WILSONART 4878-38 PEWTER MESH (LIGHT GRAY)
PL3	PLASTIC LAMINATE - NEVAMAR VOUS TEMPEST VS6002T (MEDIUM GRAY)
PL4	PLASTIC LAMINATE - NEVAMAR EXTREME GREEN BAMBOO TEXTURED WX5001T (GREEN)
SS1	SOLID SURFACE - CAMBRIA WAVERTON 0250 (WHITE)
SS2	SOLID SURFACE - CAMBRIA WAVERTON 0250 (WHITE)
PLE	EXISTING PLASTIC LAMINATE
SSE	EXISTING SOLID SURFACE

KEYED NOTES

612	QUARTZ COUNTERTOP
800	DOOR & FRAME
905	5/8" GYP. BD. PAINTED WHERE EXPOSED
914	CERAMIC WALL TILE
1001	MIRROR
1002	TOILET PARTITION
1007	SANITARY NAPKIN DISPOSAL, NIC
1010	TOILET PAPER DISPENSER, NIC
1011	SHOWER CURTAIN, ROD AND HOOKS
1012	HANDICAP SHOWER SEAT
1014	ELECTRIC HAND / HAIR DRYER
1020	PHENOLIC LOCKER-SEE ELEVATIONS
1029	BENCH/ SEAT
1033	STEEL PANEL BEHIND FIXTURE
1038	STAINLESS STEEL PANEL
1039	HAND DRYER
2200	SINK AND FAUCET
2201	JANITOR'S SINK
2202	FLOOR DRAIN, SEE DETAIL B6/A590
2208	TOILET
2210	SHOWER HEAD / FAUCET
2211	ADA SHOWER ENCLOSURE

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DFCM CODE COMPLIANCE STAMP

Student Activity Center
Stromberg Addition - BID SET
Weber State University
3750 Harrison Blvd. Ogden, UT 84408

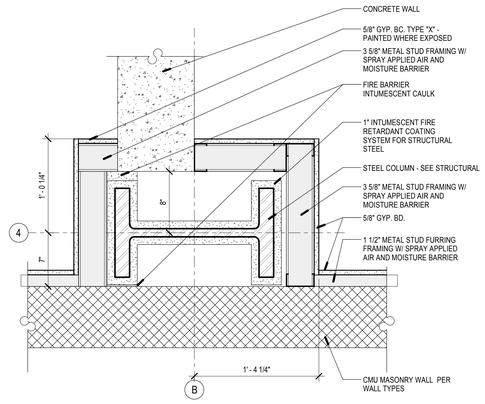
Rev #	Date	Description
2	10.19.2012	ADD #3

Job # 12475
CAD File
Drawn Author Checked Checker
Date 10.03.2012
Owner # DFCM #12031810

LEVEL 02 INTERIOR ELEVATIONS

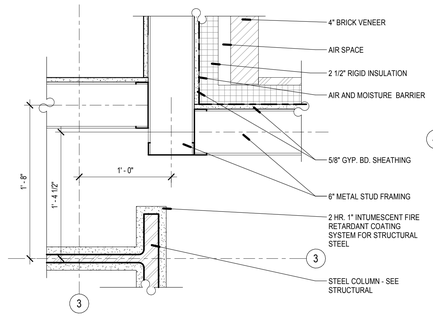
A420.7

10/19/2012 4:10:22 PM



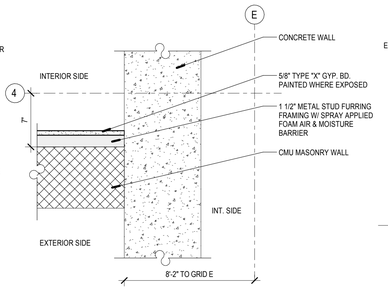
E3 COLUMN B4

SCALE: 1 1/2" = 1'-0"



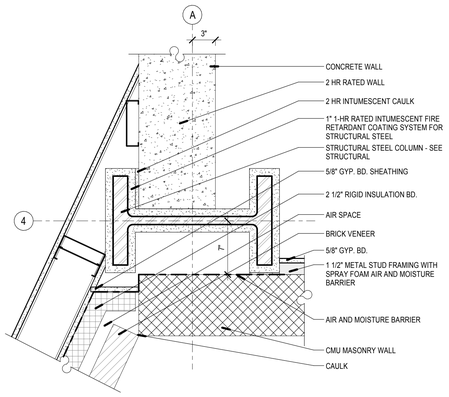
E5 BRICK VENEER TO METAL

SCALE: 1 1/2" = 1'-0"



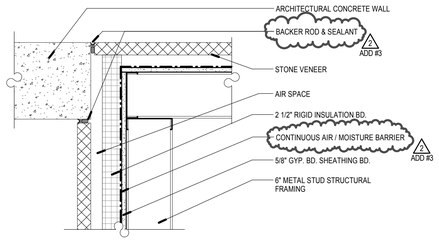
E6 MASONRY WALL TO CONC.

SCALE: 1 1/2" = 1'-0"



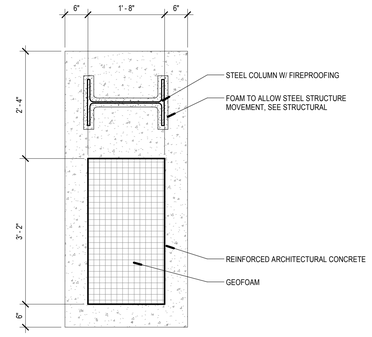
C2 RATED WALL AT COLUMN A4

SCALE: 1 1/2" = 1'-0"



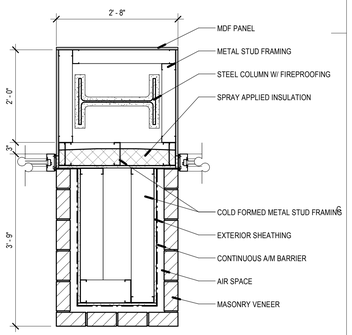
C3 CONC. WALL TO STONE VENEER

SCALE: 1 1/2" = 1'-0"



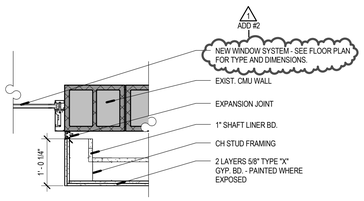
C5 CONCRETE COLUMN @ PARKING

SCALE: 3/4" = 1'-0"



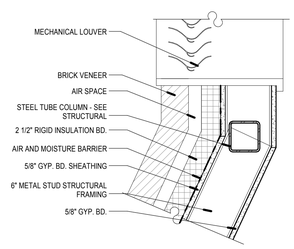
C6 MASONRY COLUMN @ EXT. GLAZING

SCALE: 3/4" = 1'-0"



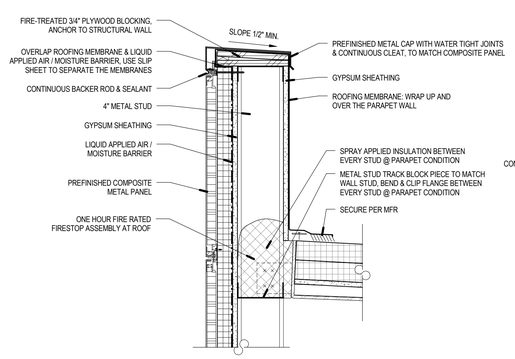
B5 EXPANSION JOINT DET.

SCALE: 3/4" = 1'-0"



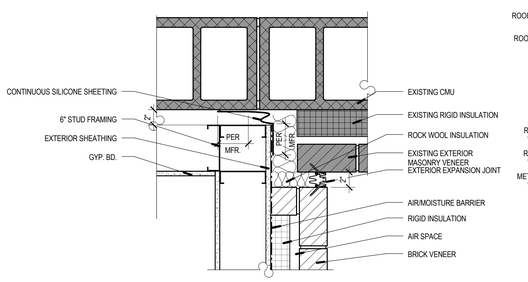
A2 LOUVER DETAIL

SCALE: 1 1/2" = 1'-0"



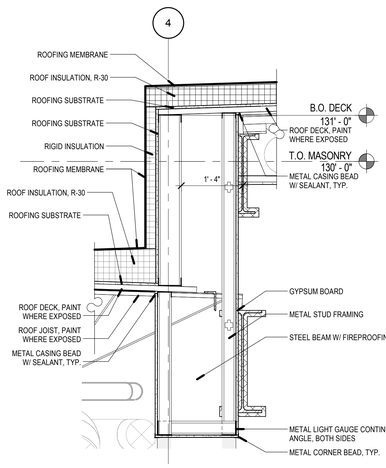
A3 PARAPET COMPOSITE METAL

SCALE: 1 1/2" = 1'-0"



A5 EXPANSION JOINT @ MASONRY WALL

SCALE: 1 1/2" = 1'-0"



A6 ROOF POP UP @ GRID 4

SCALE: 3/4" = 1'-0"

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DFCM CODE COMPLIANCE STAMP

Student Activity Center

Stromberg Addition - BID SET

Weber State University
3750 Harrison Blvd. Ogden, UT 84408

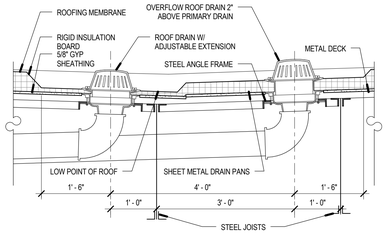
Rev #	Date	Description
1	10.12.2012	ADD #2
2	10.19.2012	ADD #3

Job # 12475
CAD File
Drawn Author Checked Checker
Date 10.03.2012
Owner # DFCM #12031810

EXTERIOR ENVELOPE DETAILS

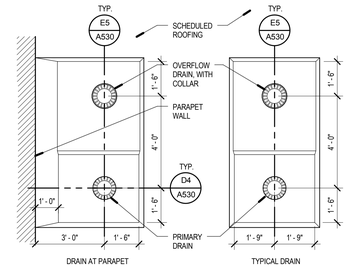
A510

10/19/2012 3:47:29 PM



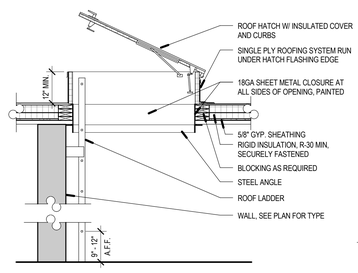
E5 ROOF DRAIN SECTION A-A

SCALE: 3/4" = 1'-0"



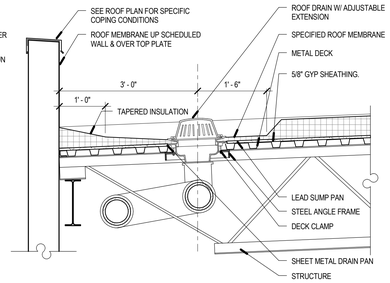
E6 TYPICAL ROOF DRAINS

SCALE: 3/8" = 1'-0"



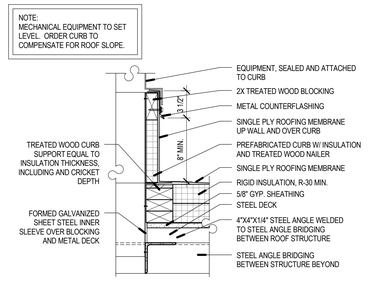
D3 TYPICAL ROOF HATCH DETAIL

SCALE: 1/2" = 1'-0"



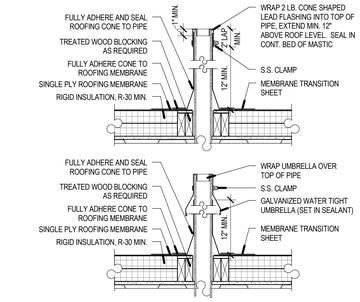
D4 ROOF DRAIN SECTION B-B

SCALE: 3/4" = 1'-0"



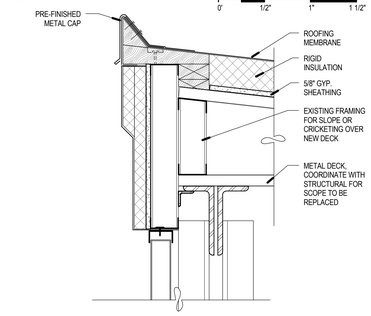
D5 ROOF CURB DETAIL

SCALE: 1 1/2" = 1'-0"



D6 ROOF PENETRATION DETAILS

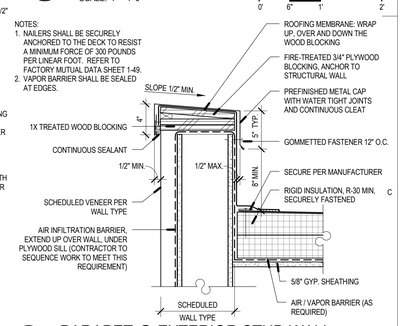
SCALE: 1" = 1'-0"



C4 FACIA DETAIL (HEAD)

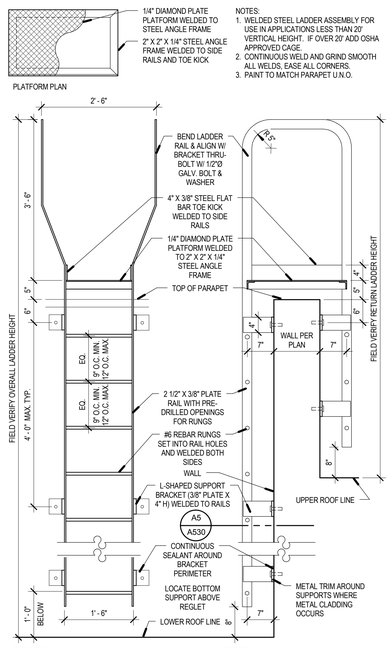
SCALE: 1 1/2" = 1'-0"

NOTES:
1. NAILERS SHALL BE SECURELY ANCHORED TO THE DECK TO RESIST A MINIMUM FORCE OF 300 POUNDS PER LINEAR FOOT. REFER TO FACTORY MUTUAL DATA SHEET 1-49.
2. VAPOR BARRIER SHALL BE SEALED AT EDGES.



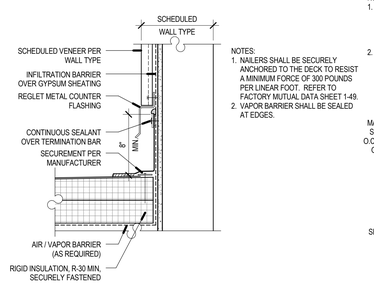
C6 PARAPET @ EXTERIOR STUD WALL

SCALE: 1 1/2" = 1'-0"



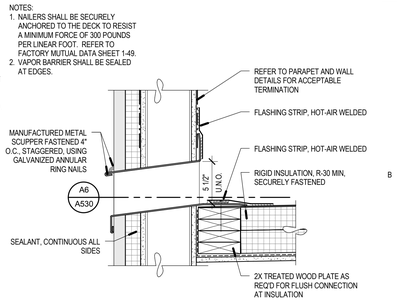
A4 ROOF LADDER

SCALE: 3/4" = 1'-0"



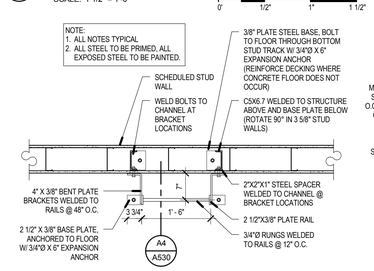
B5 ROOF MEMBRANE @ STUD WALL

SCALE: 1 1/2" = 1'-0"



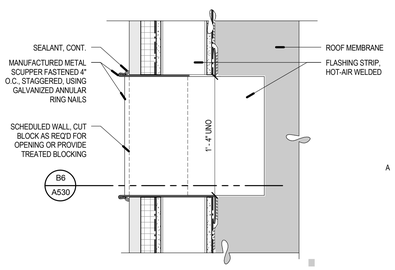
B6 SCUPPER PENETRATION DETAIL

SCALE: 1 1/2" = 1'-0"



A5 TYPICAL ROOF LADDER DETAILS

SCALE: 3/4" = 1'-0"



A6 TOP OF SCUPPER ASSEMBLY

SCALE: 1 1/2" = 1'-0"

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Student Activity Center

Stromberg Addition - BID SET

Weber State University
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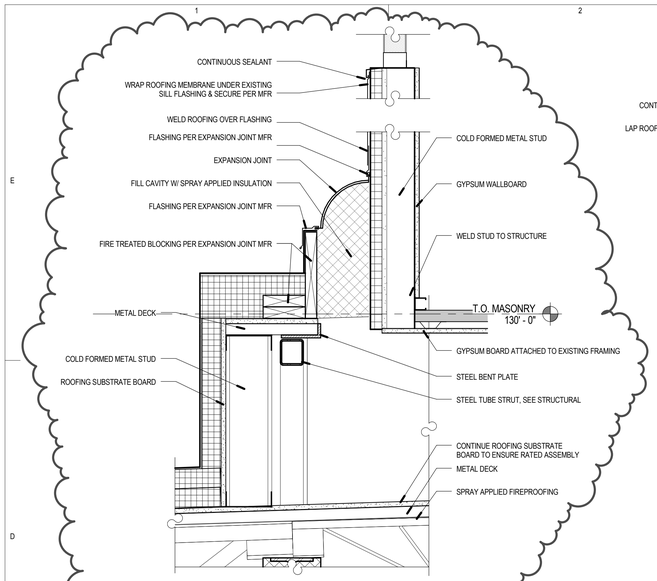
Rev #	Date	Description

Job # 12475
CAD File
Drawn Author Checked Checker
Date 10.03.2012
Owner # DFCM #12031810

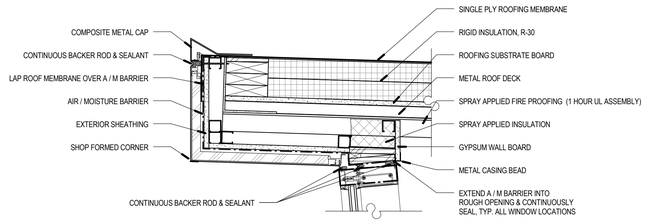
ROOF DETAILS

A530

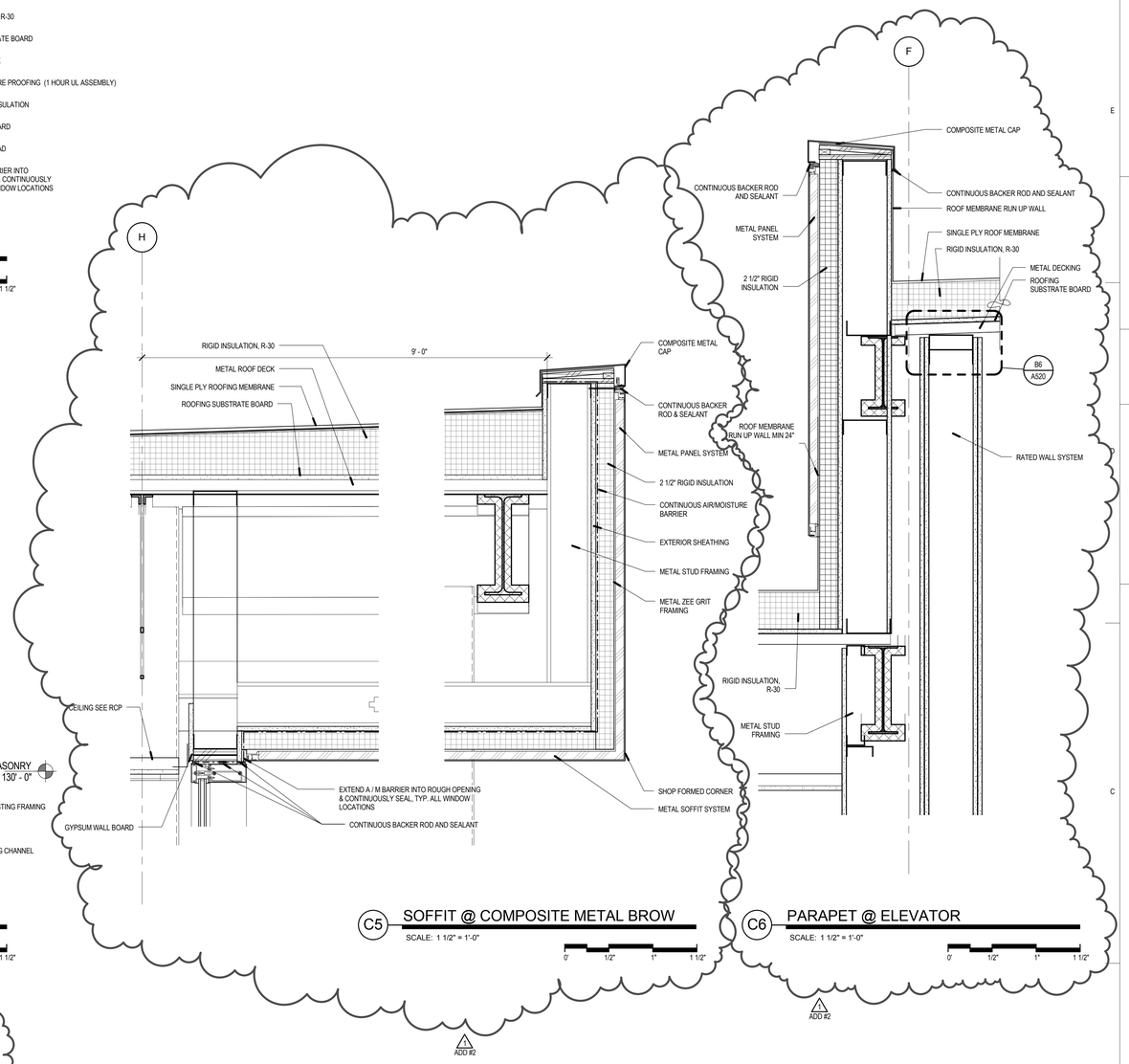
10/19/2012 3:47:34 PM



D1 EXPANSION JOINT @ ROOF STRUTS
SCALE: 1 1/2" = 1'-0"
0' 1/2" 1" 1 1/2"
ADD #3

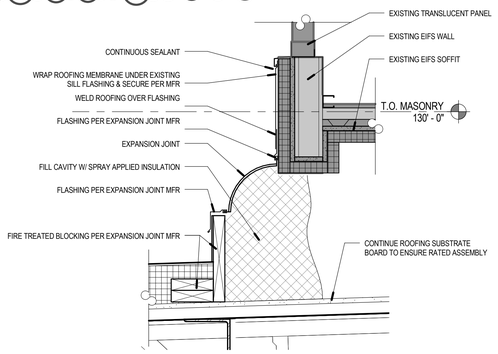


E3 GRAVEL STOP @ CURTAIN WALL
SCALE: 1 1/2" = 1'-0"
0' 1/2" 1" 1 1/2"

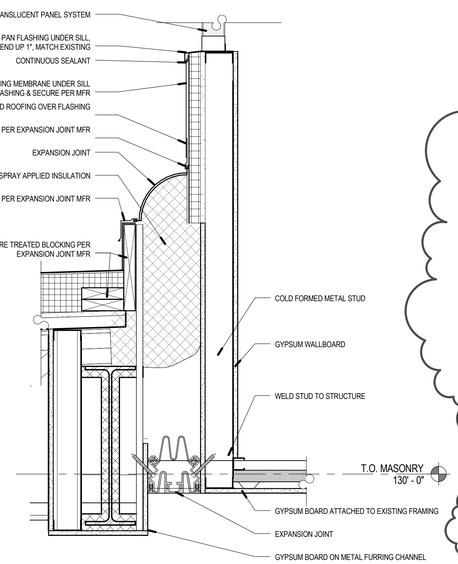


C5 SOFFIT @ COMPOSITE METAL BROW
SCALE: 1 1/2" = 1'-0"
0' 1/2" 1" 1 1/2"
ADD #2

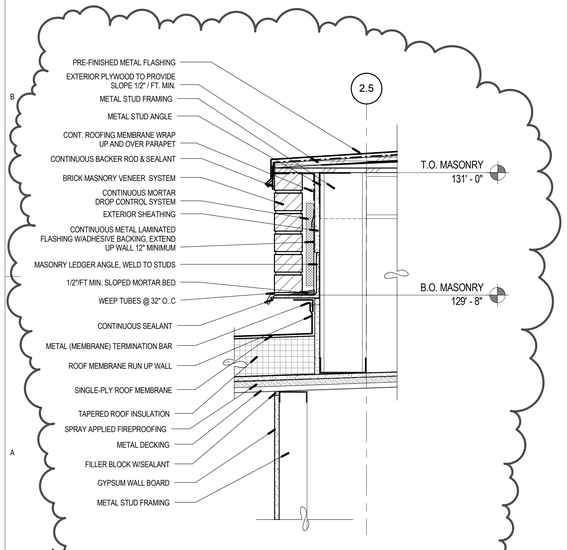
C6 PARAPET @ ELEVATOR
SCALE: 1 1/2" = 1'-0"
0' 1/2" 1" 1 1/2"
ADD #2



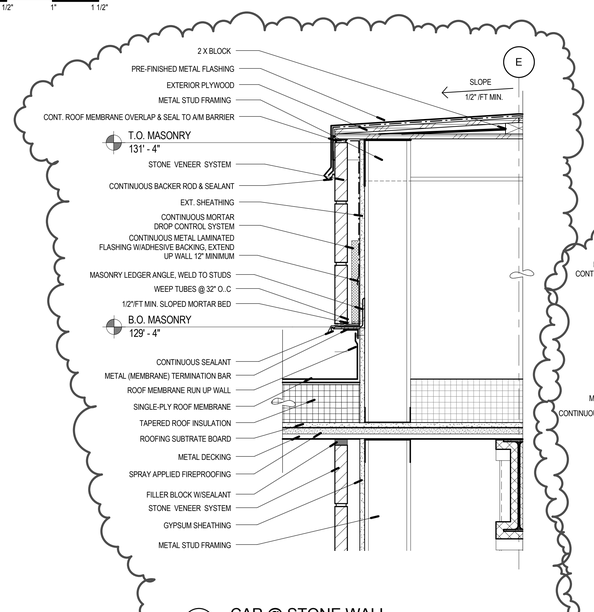
C2 EXPANSION JOINT ROOF @ EXST SOFFIT
SCALE: 1 1/2" = 1'-0"
0' 1/2" 1" 1 1/2"



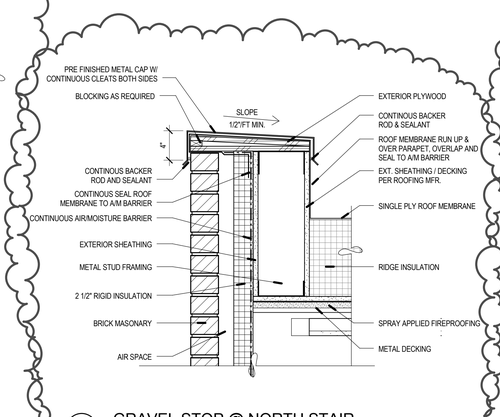
C3 EXPANSION JOINT ROOF @ TRANSLUCENT PANEL
SCALE: 1 1/2" = 1'-0"
0' 1/2" 1" 1 1/2"



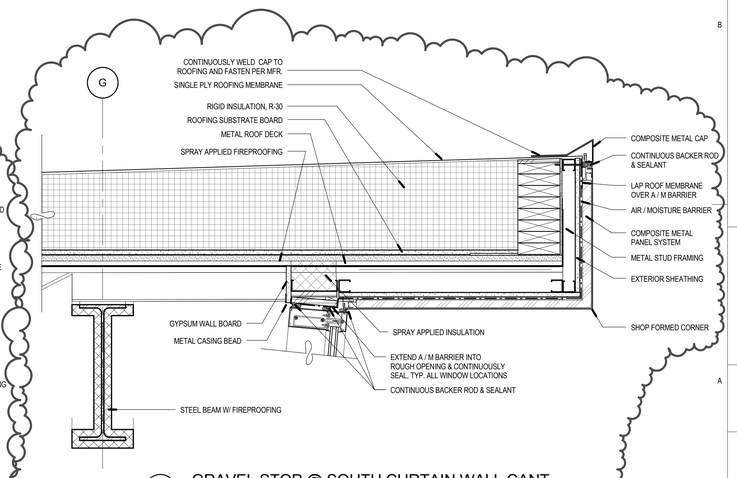
A1 MASONRY LEDGER @ ROOF
SCALE: 1 1/2" = 1'-0"
0' 1/2" 1" 1 1/2"
ADD #2



A3 CAP @ STONE WALL
SCALE: 1 1/2" = 1'-0"
0' 1/2" 1" 1 1/2"
ADD #2



A4 GRAVEL STOP @ NORTH STAIR
SCALE: 1 1/2" = 1'-0"
0' 1/2" 1" 1 1/2"
ADD #2



A6 GRAVEL STOP @ SOUTH CURTAIN WALL CANT
SCALE: 1 1/2" = 1'-0"
0' 1/2" 1" 1 1/2"
ADD #2

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ONYON

LICENSED ARCHITECT
No. 13392
BRENT R. TIPPETS
10-2-12
STATE OF UTAH

VCBO ARCHITECTURE
524 SOUTH 600 EAST
SALT LAKE CITY, UT 84102
Phone: (801) 575-8800
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WWW: www.vcbo.com

DFCM CODE COMPLIANCE STAMP

Student Activity Center
Stromberg Addition - BID SET
Weber State University
3750 Harrison Blvd. Ogden, UT 84408

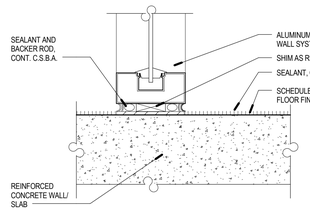
Rev #	Date	Description
1	10.12.2012	ADD #2
2	10.19.2012	ADD #3

Job # 12475
CAD File
Drawn Author Checked Checker
Date 10.03.2012
Owner # DFCM #12031810

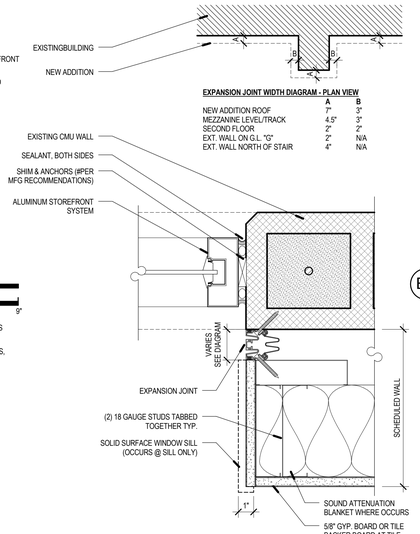
ROOF DETAILS

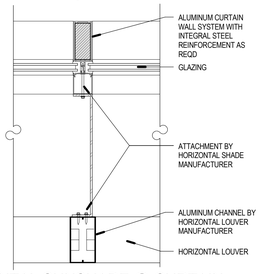
A531

10/19/2012 3:47:52 PM

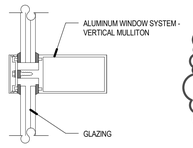


E1 INTERIOR STOREFRONT SILL
SCALE: 3" = 1'-0"

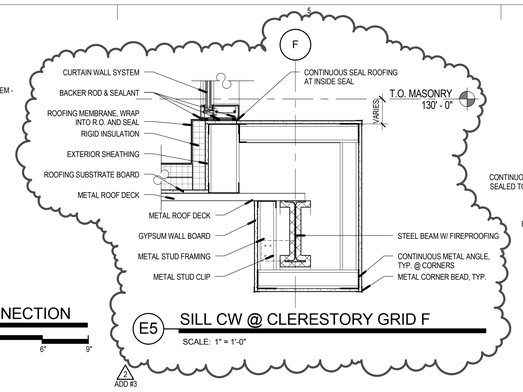




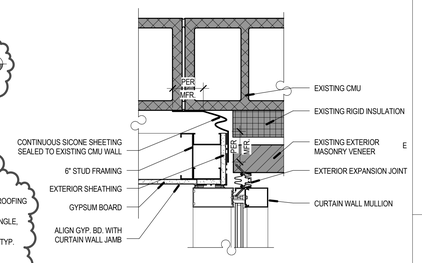
E3 HORIZONTAL SUNSHADE @ CURTAIN WALL
SCALE: 1 1/2" = 1'-0"



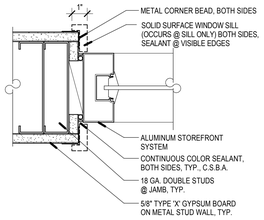
E4 VERTICAL FIN MULLION CONNECTION
SCALE: 3" = 1'-0"



E5 SILL CW @ CLERESTORY GRID F
SCALE: 1" = 1'-0"

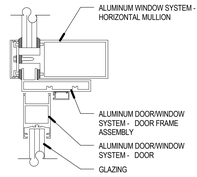


E6 EXPANSION JOINT @ CURTAIN WALL
SCALE: 1 1/2" = 1'-0"

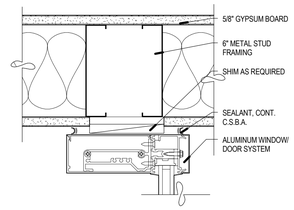


D1 INTERIOR STOREFRONT JAMB DETAIL 6" STUD WALL
SCALE: 3" = 1'-0"

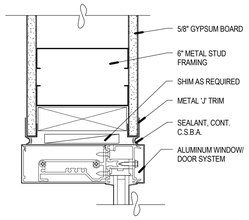
D2 ALUMN. WINDOW JAMB & EXP. JOINT @ FURRED WALL, HEAD SIM.
SCALE: 3" = 1'-0"



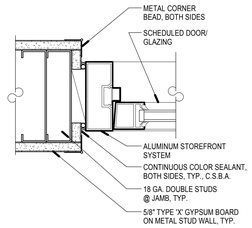
D4 CURTAIN WALL DOOR HEAD
SCALE: 3" = 1'-0"



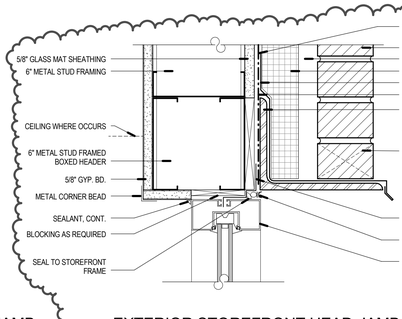
D5 CURTAINWALL AT INTERIOR WALL
SCALE: 3" = 1'-0"



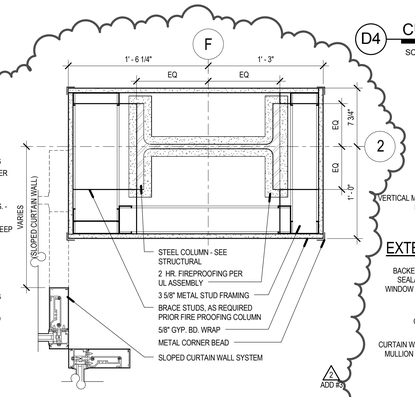
D6 CURTAINWALL DETAIL
SCALE: 3" = 1'-0"



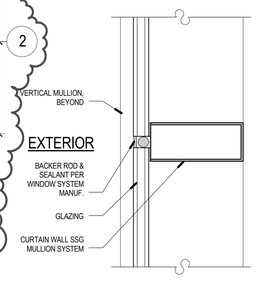
C1 INTERIOR STOREFRONT DOOR JAMB DETAIL 6" STUD WALL
SCALE: 3" = 1'-0"



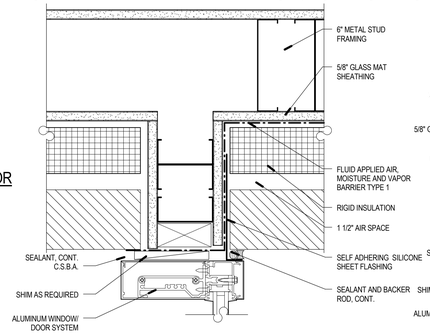
C2 EXTERIOR STOREFRONT HEAD-JAMB DETAIL 6" STUD WALL
SCALE: 3" = 1'-0"



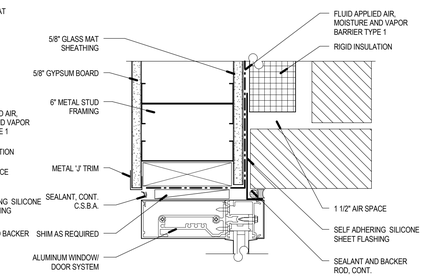
C3 GYP. BD. COLUMN WRAP
SCALE: 1 1/2" = 1'-0"



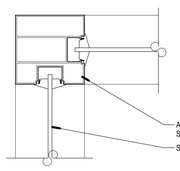
C4 SSG MULLION - HORIZONTAL MULLION
SCALE: 3" = 1'-0"



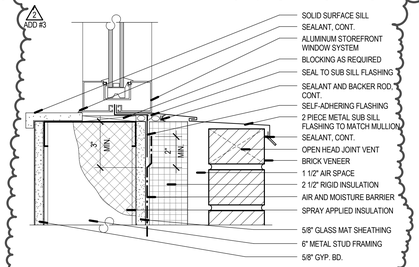
C5 CURTAIN WALL AT BRICK
SCALE: 3" = 1'-0"



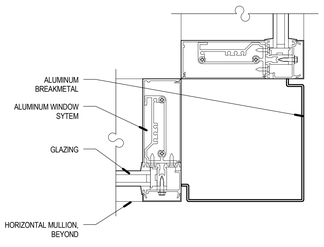
C6 CURTAIN WALL HEAD & JAMB AT BRICK
SCALE: 3" = 1'-0"



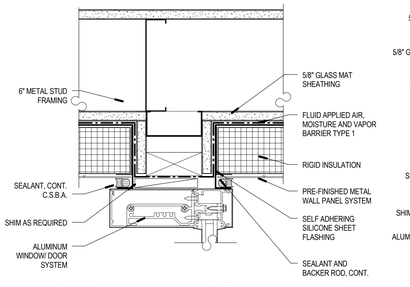
B1 INTERIOR (EXTERIOR SIM.) STOREFRONT CORNER DETAIL
SCALE: 3" = 1'-0"



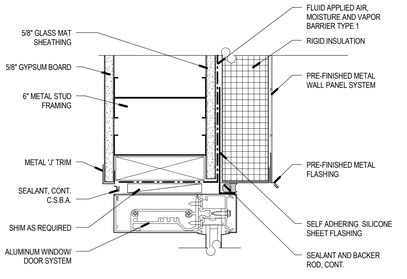
B2 EXTERIOR STOREFRONT SILL DETAIL 6" STUD WALL
SCALE: 3" = 1'-0"



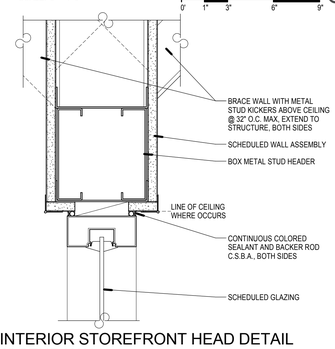
B4 CURTAINWALL CORNER
SCALE: 3" = 1'-0"



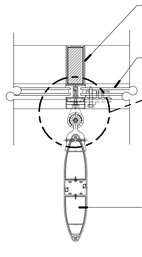
B5 CURTAIN WALL AT METAL PANEL
SCALE: 3" = 1'-0"



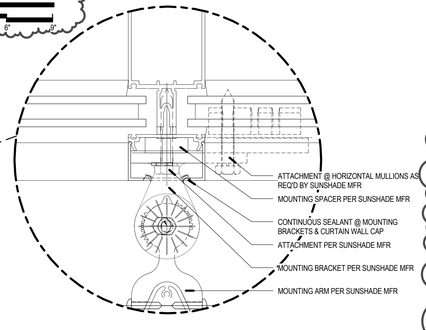
B6 CURTAINWALL HEAD & JAMB AT METAL PANEL
SCALE: 3" = 1'-0"



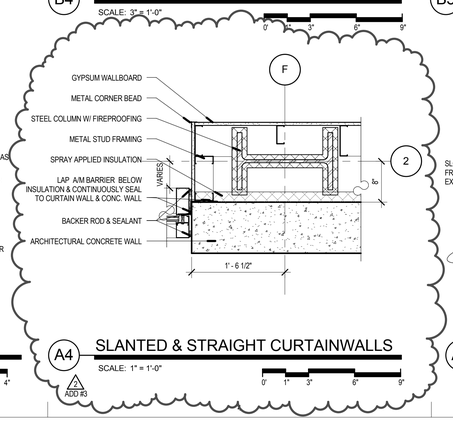
A1 INTERIOR STOREFRONT HEAD DETAIL 6" STUD WALL
SCALE: 3" = 1'-0"



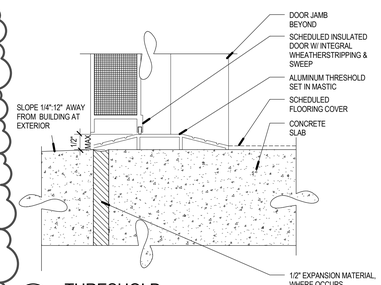
A2 VERTICAL SUNSHADE @ CURTAIN WALL
SCALE: 1 1/2" = 1'-0"



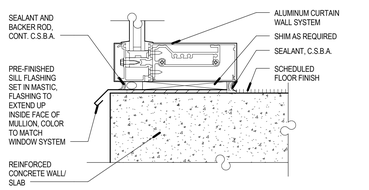
A3 VERTICAL SUNSHADE BLOWUP
SCALE: 6" = 1'-0"



A4 SLANTED & STRAIGHT CURTAINWALLS
SCALE: 1" = 1'-0"



A5 THRESHOLD
SCALE: 6" = 1'-0"



A6 CURTAINWALL SILL
SCALE: 3" = 1'-0"

VCBO
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DFCM CODE COMPLIANCE STAMP

Student Activity Center
Stromberg Addition - BID SET
Weber State University
3750 Harrison Blvd. Ogden, UT 84408

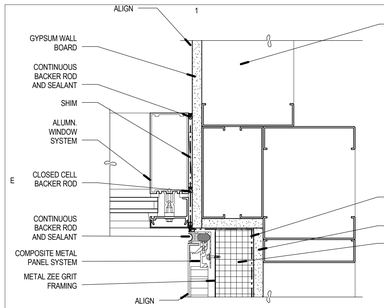
Rev #	Date	Description
2	10.19.2012	ADD #3

Job # 12475
CAD File
Drawn Author Checked Checker
Date 10.03.2012
Owner # DFCM #12031810

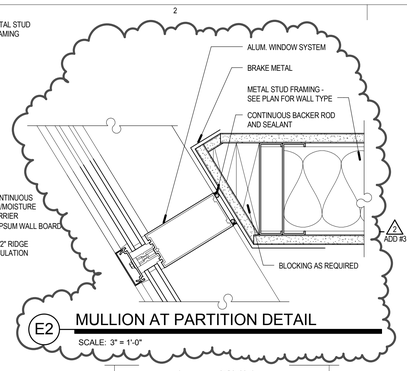
GLAZING DETAILS

A561

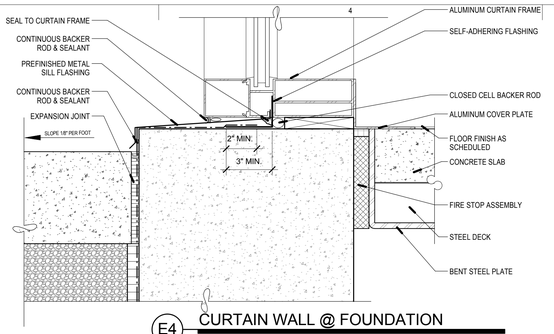
10/19/2012 3:48:02 PM



E1 JAMB CURTAINWALL DETAIL
SCALE: 3" = 1'-0"



E2 MULLION AT PARTITION DETAIL
SCALE: 3" = 1'-0"



E4 CURTAIN WALL @ FOUNDATION
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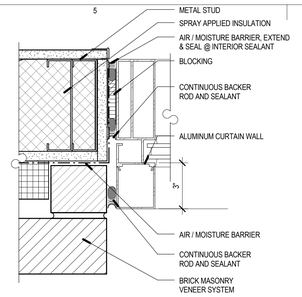
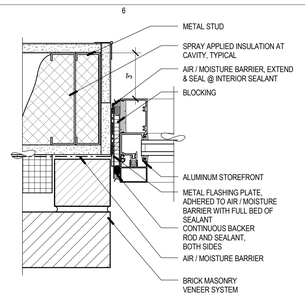
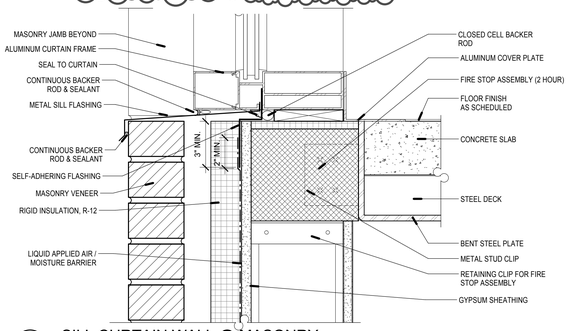


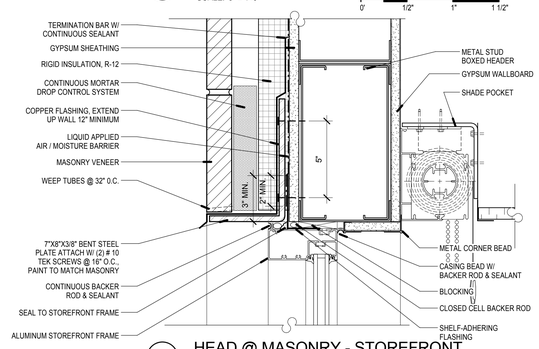
E5 JAMB CURTAIN WALL @ MASONRY
SCALE: 3" = 1'-0"



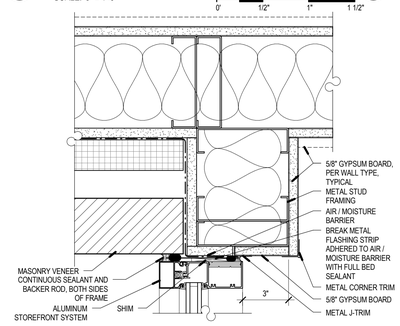
E6 JAMB STOREFRONT @ MASONRY
SCALE: 3" = 1'-0"



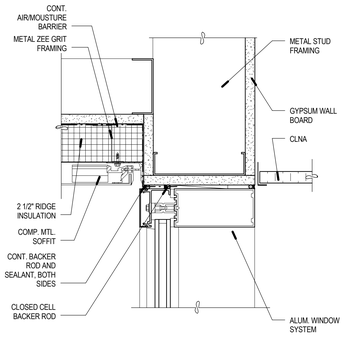
D2 SILL CURTAIN WALL @ MASONRY
SCALE: 3" = 1'-0"



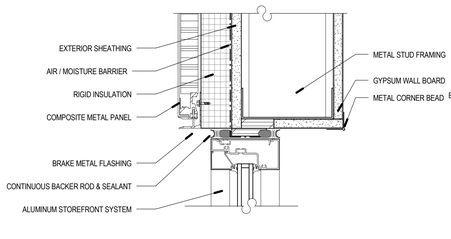
D4 HEAD @ MASONRY - STOREFRONT
SCALE: 3" = 1'-0"



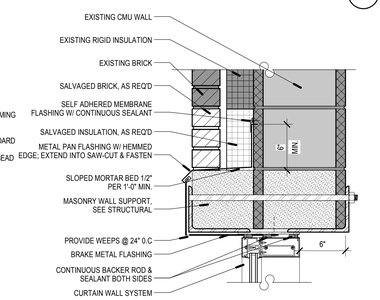
D5 ALUM JAM PERP TO MASONRY VEN.
SCALE: 3" = 1'-0"



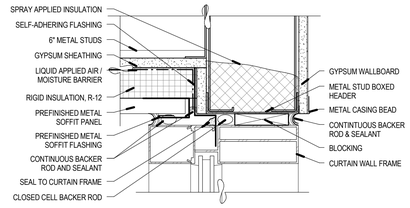
C1 HEAD DETAIL COMPOSTIE SOFFIT
SCALE: 3" = 1'-0"



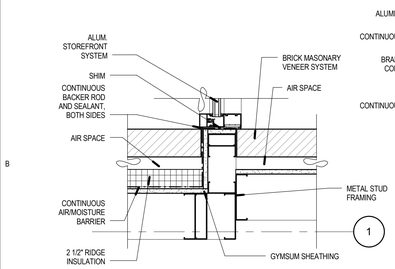
C2 HEAD SF @ COMPOSITE MTL. PNL.
SCALE: 3" = 1'-0"



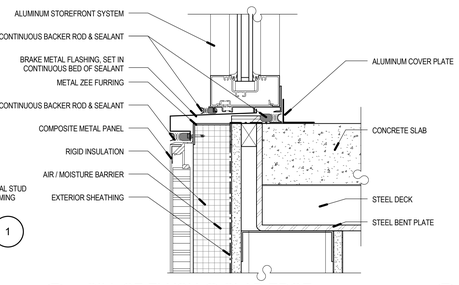
C3 HEAD CW @ EXISTING
SCALE: 1 1/2" = 1'-0"



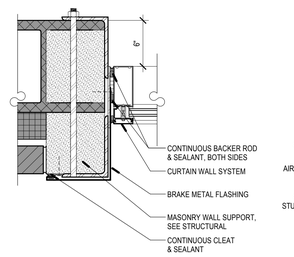
C5 CURTAIN HEAD @ SOFFIT
SCALE: 3" = 1'-0"



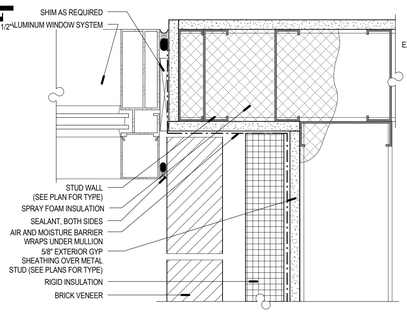
B1 STOREFRONT VENEER JAMB
SCALE: 1 1/2" = 1'-0"



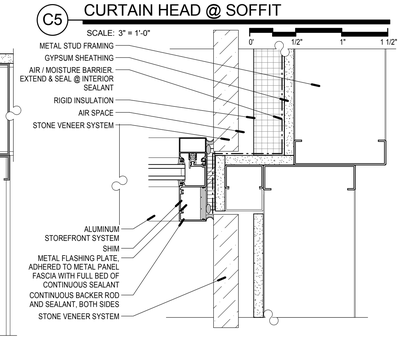
B2 SILL SF FLUSH @ SLAB EDGE
SCALE: 3" = 1'-0"



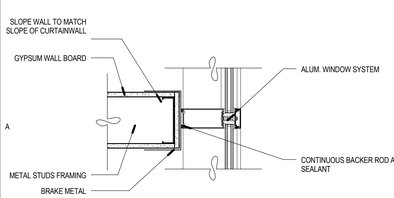
B3 JAMB CW @ EXISTING
SCALE: 1 1/2" = 1'-0"



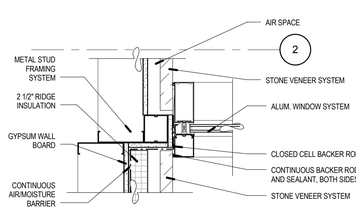
B4 CURTAINWALL JAMB PERPENDICULAR TO BRICK
SCALE: 3" = 1'-0"



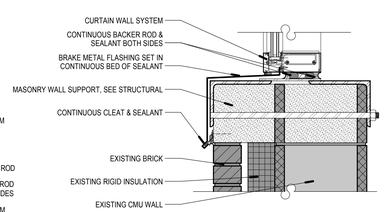
B5 ALUM.JAMB PERPENDICULAR TO STONE VENEER
SCALE: 3" = 1'-0"



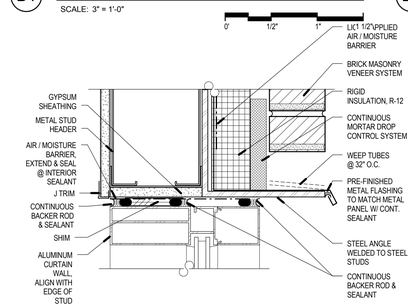
A1 CURTAINWALL MULLION DETAIL
SCALE: 1 1/2" = 1'-0"



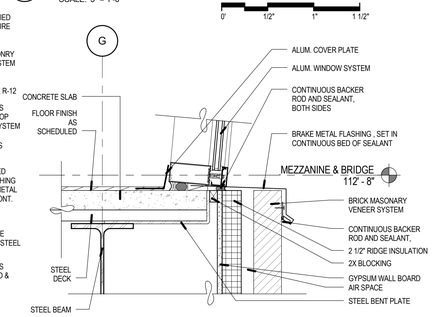
A2 JAMB CW @ STONE CLADDING
SCALE: 1 1/2" = 1'-0"



A3 SILL CW @ EXISTING
SCALE: 1 1/2" = 1'-0"



A4 CURTAINWALL HEAD @ MASONRY VENEER
SCALE: 3" = 1'-0"



A5 SILL CURTAIN WALL @ SLAB EDGE
SCALE: 1 1/2" = 1'-0"

10/19/2012 3:48:11 PM

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524 SOUTH 600 EAST
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DFCM CODE COMPLIANCE STAMP

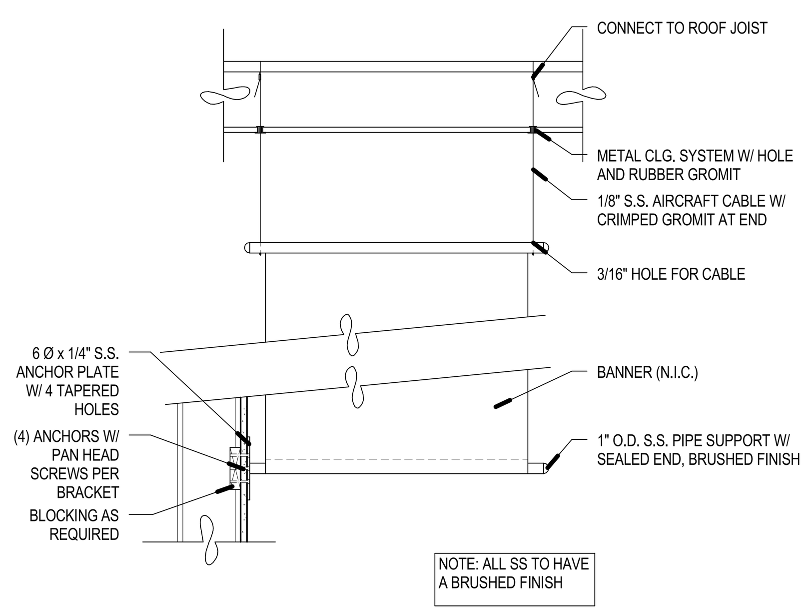
Student Activity Center
Stromberg Addition - BID SET
Weber State University
3750 Harrison Blvd. Ogden, UT 84408

Rev #	Date	Description
2	10.19.2012	ADD #3

Job # 12475
CAD File
Drawn Author Checked Checker
Date 10.03.2012
Owner # DFCM #12031810

GLAZING DETAILS

A562



E2 BANNER BRACKET DETAIL
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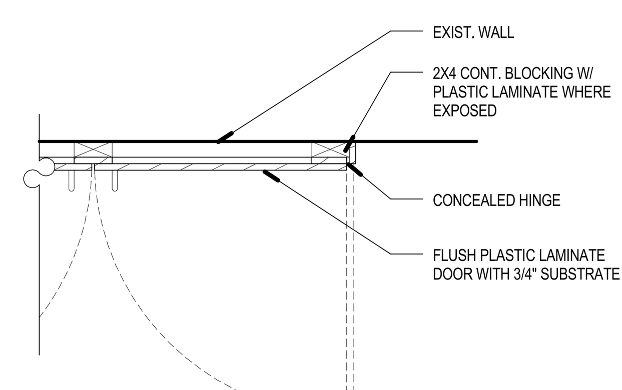
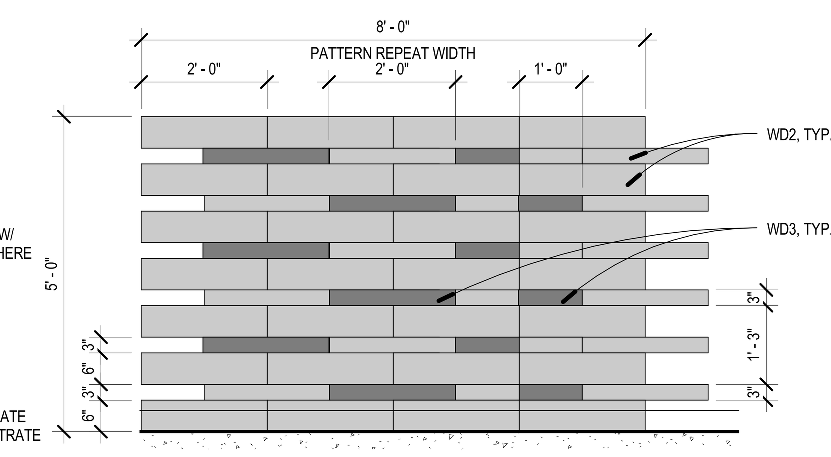


E5 CABINET PANEL ACCESS DETAIL
SCALE: 1" = 1'-0"



E6 TYP. MDF WOOD PANEL PATTERN
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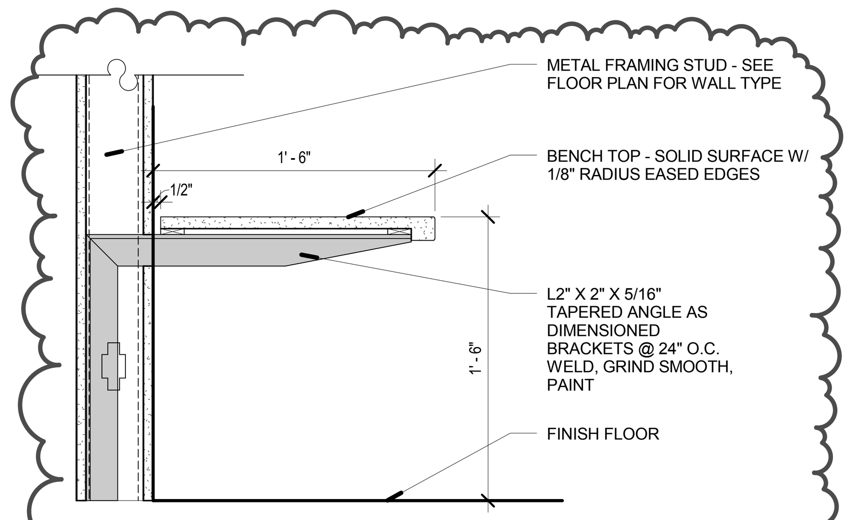
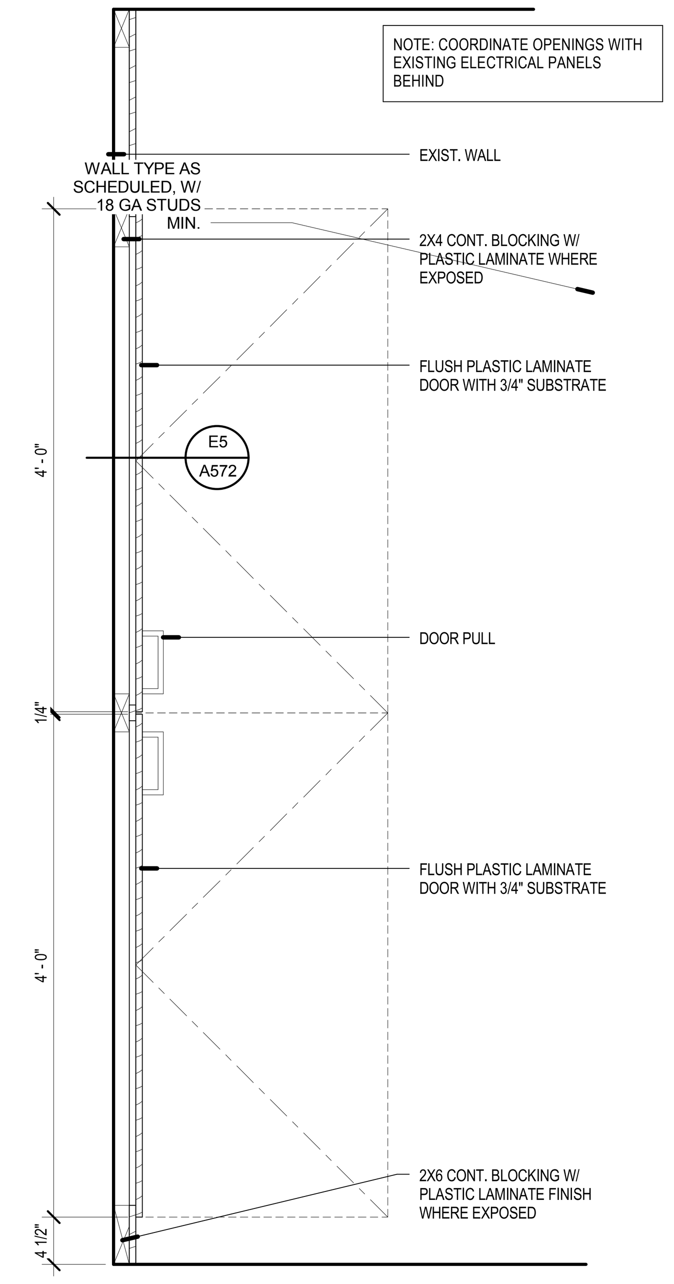
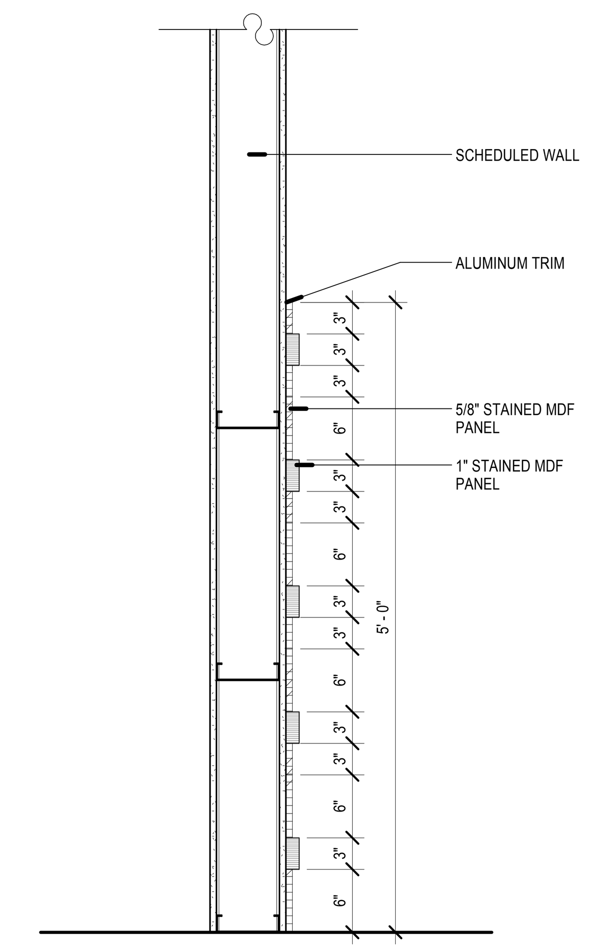


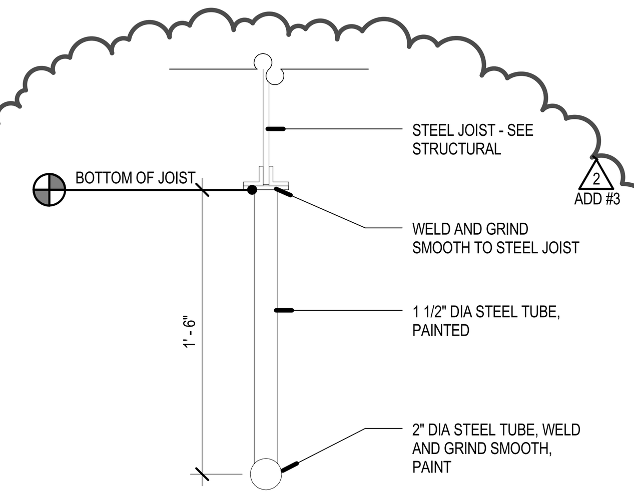
D4 BENCH SECTION
SCALE: 1 1/2" = 1'-0"
1 ADD #2



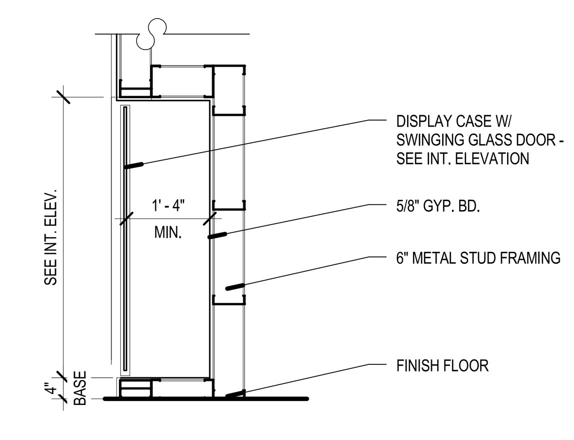
C5 CABINET PANEL ACCESS
SCALE: 1" = 1'-0"



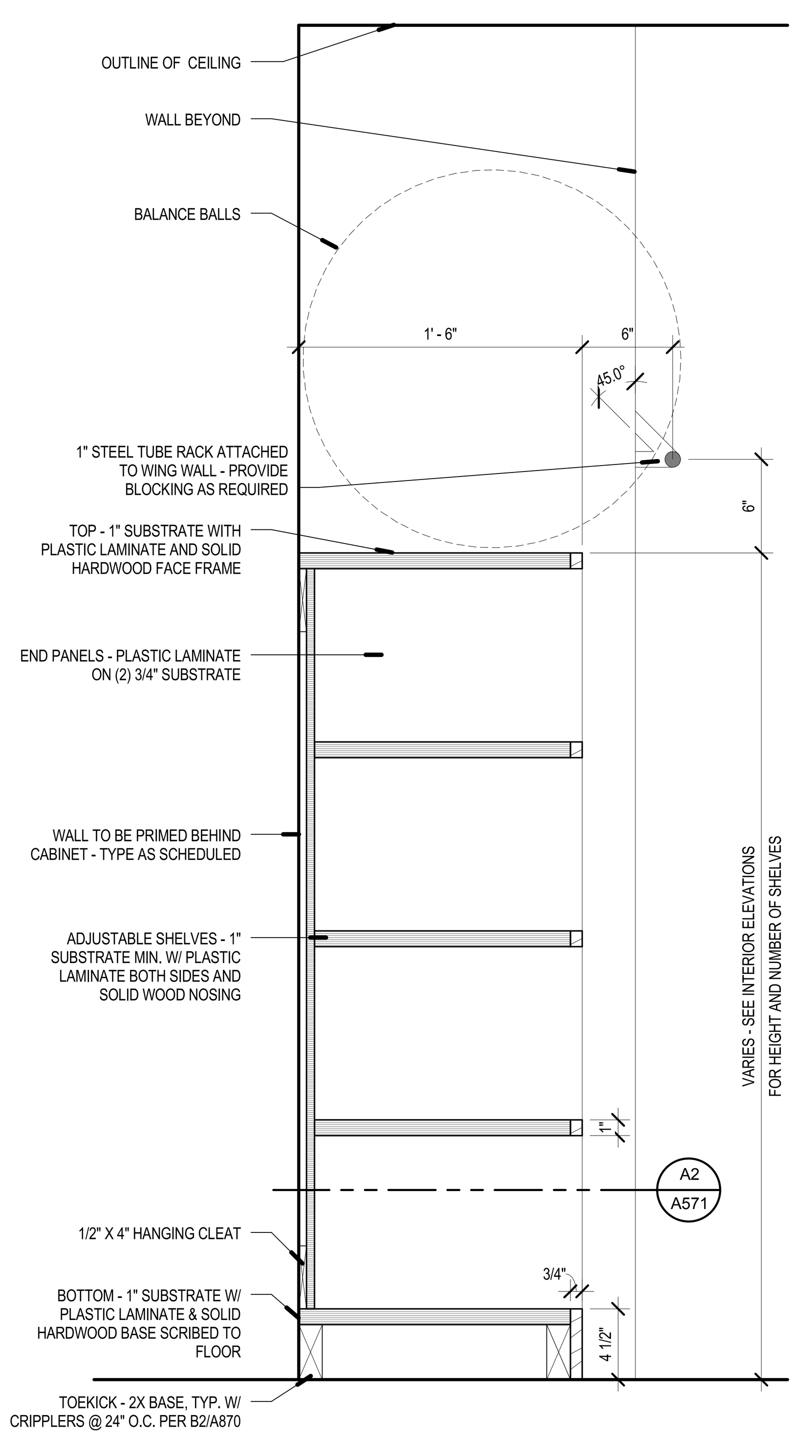
C6 MDF PANEL DETAIL
SCALE: 1" = 1'-0"



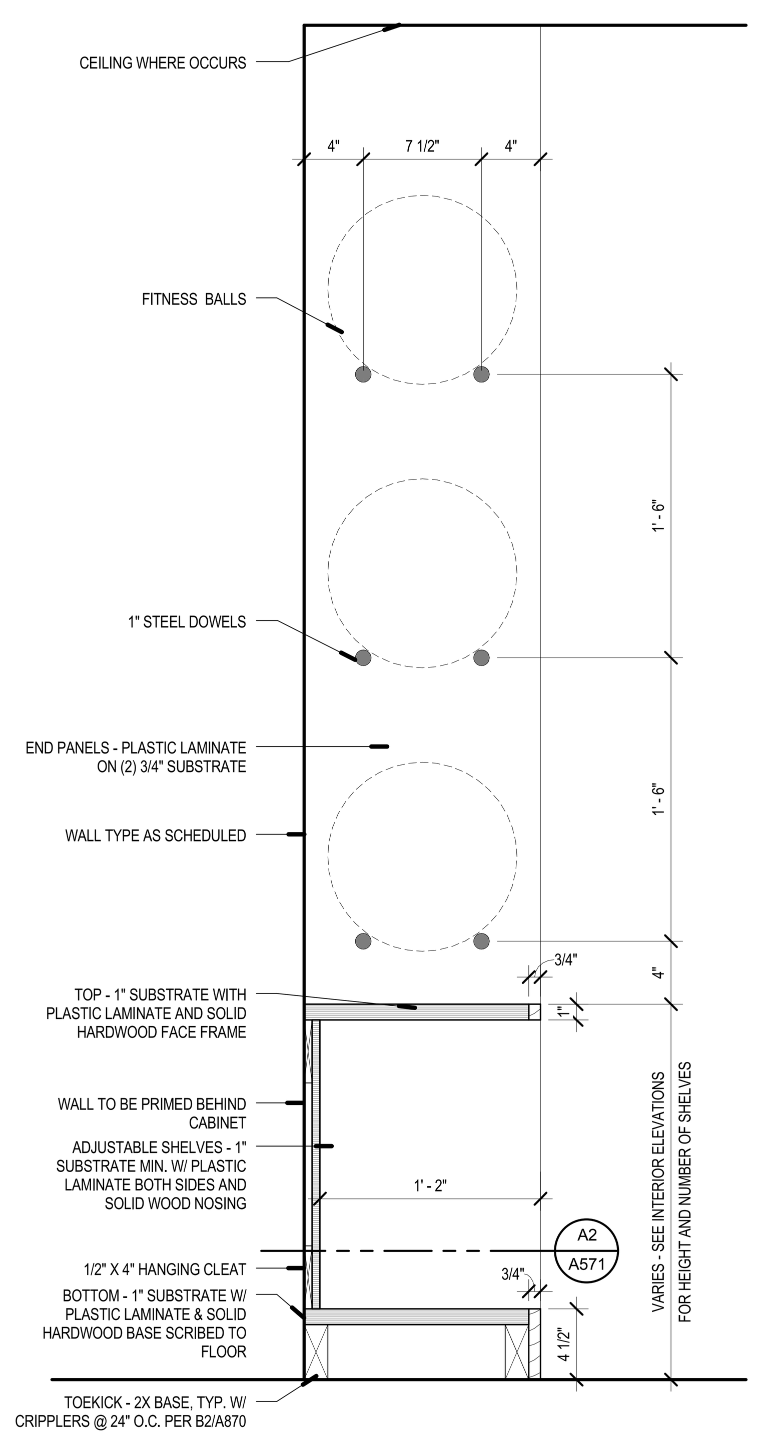
C4 CEILING MOUNTED FITNESS ANCHOR
SCALE: 1 1/2" = 1'-0"



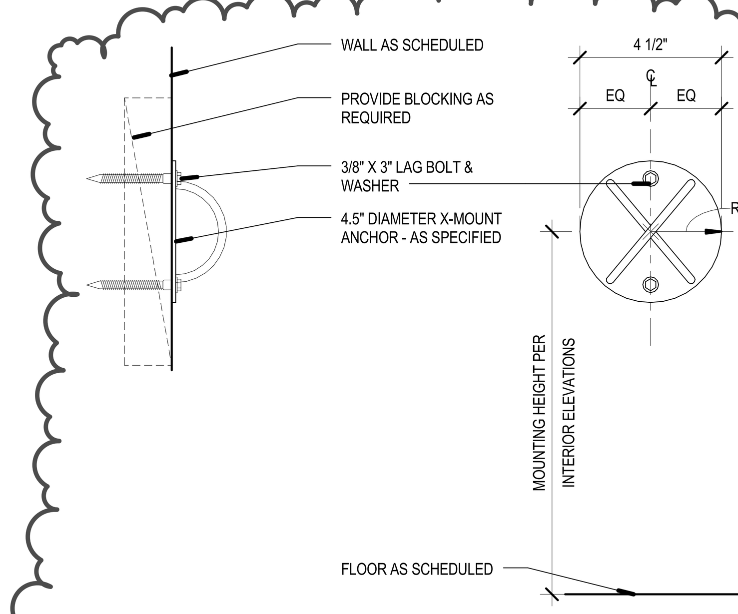
B6 DISPLAY CASE DETAIL
SCALE: 1/2" = 1'-0"



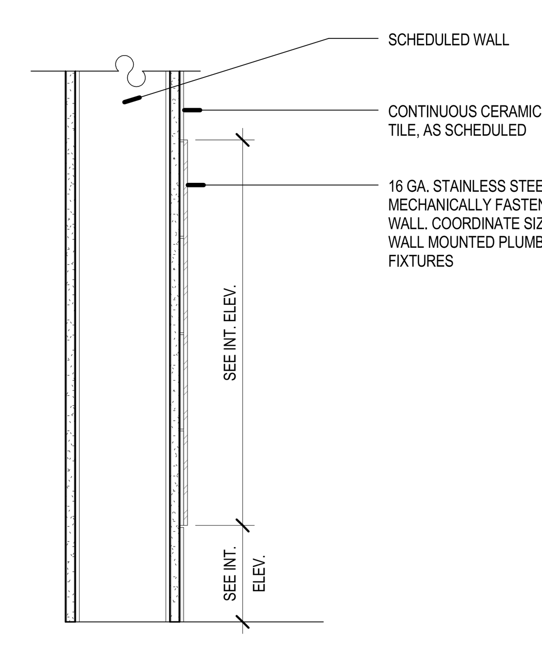
A2 CUBBIES AND BALL RACK
SCALE: 1 1/2" = 1'-0"



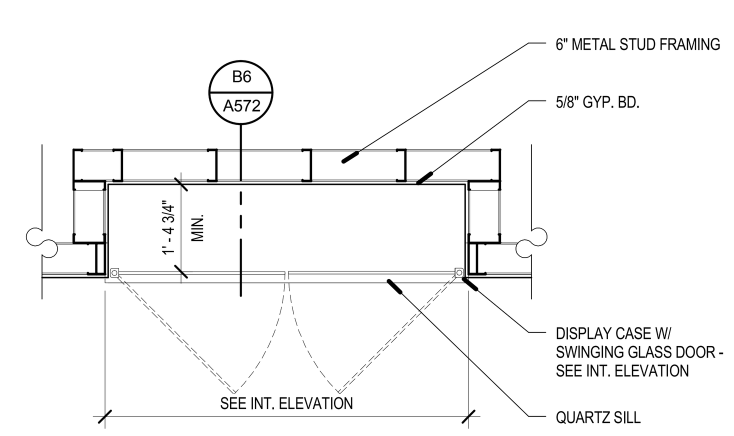
A3 CUBBY AND BALL STORAGE
SCALE: 1 1/2" = 1'-0"



A4 SUSPENSION TRAINING WALL MOUNT
SCALE: 3" = 1'-0"
2 ADD #3



A5 STAINLESS STEEL PANEL DETAIL
SCALE: 1 1/2" = 1'-0"



A6 DISPLAY CASE
SCALE: 1/2" = 1'-0"

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LICENSED ARCHITECT No. 133912 BRENT R. TIPPETS 10.2.12 STATE OF UTAH

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1	10.12.2012	ADD #2
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Drawn Author Checked Checker
Date 10.03.2012
Owner # DFCM #12031810

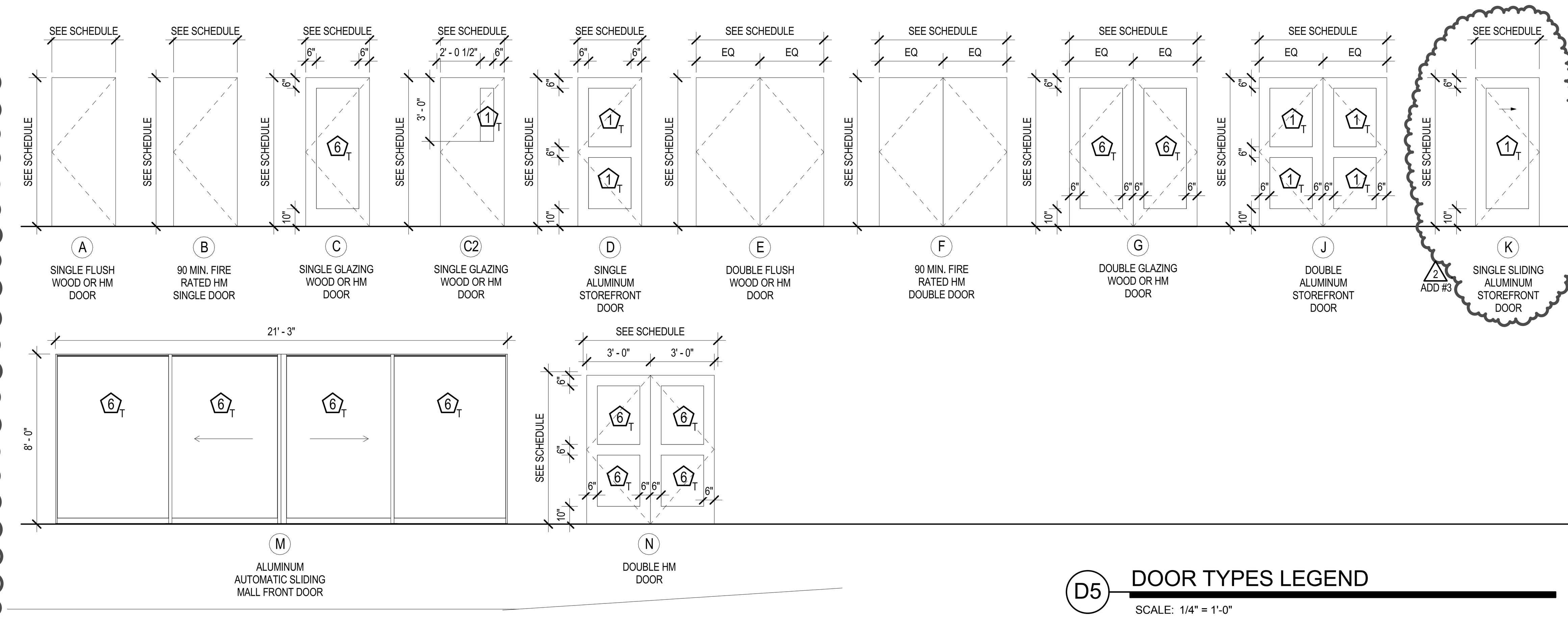
CASEWORK DETAILS

A572

10/19/2012 3:48:16 PM

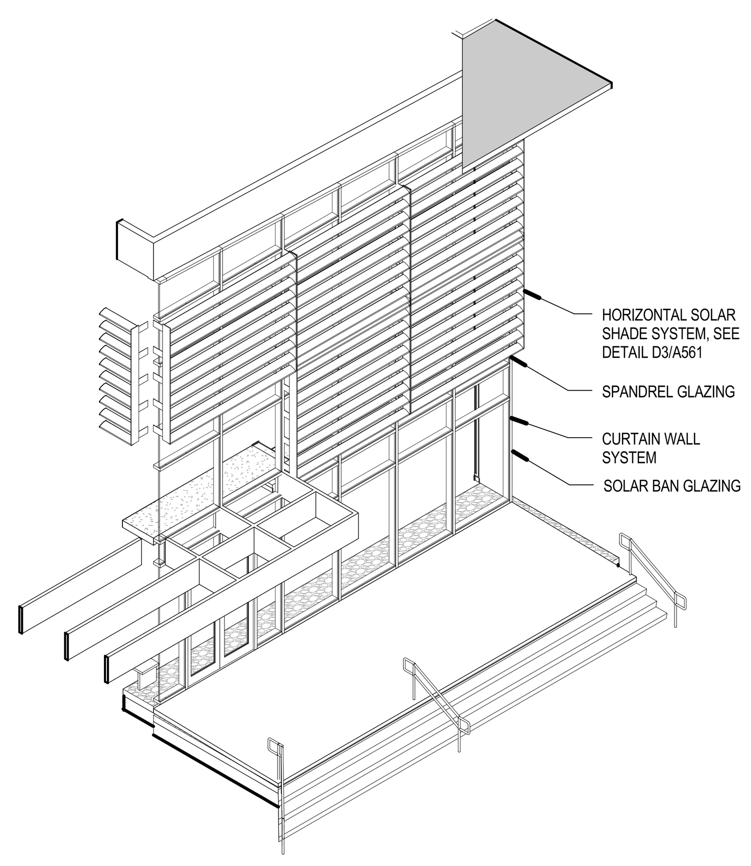
DOOR AND FRAME SCHEDULE															
	DOOR							FRAME							
		SIZE													
DOOR NUMBER	NEW/EXISTING	WIDTH	HEIGHT	THICK	ELEV. TYPE	MATERIAL	FACING/FINISH	NEW/EXISTING	ELEV. TYPE	MATERIAL	FINISH/FACING	HARDWARE GROUP	LABEL (MIN.)	NOTES	DOOR NUMBER
100	N	126"	96"	1 3/4"	K	AL	ANODIZED	N	3	AL	ANODIZED	2.0		VESTIBULE ENTRY	100
100A	N	72"	96"	1 3/4"	J	AL	ANODIZED	N	2	AL	ANODIZED	1.0		NORTH ENTRY	100A
100A1	N	72"	96"	1 3/4"	J	AL	ANODIZED	N	2	AL	ANODIZED	1.0		SOUTH ENTRY	100A1
101	N	36"	84"	1 3/4"	D	AL	ANODIZED	N	4	AL	ANODIZED	9.1		RECEPTION	101
101A	N	36"	84"	1 3/4"	A	H.M.	PAINT	N	8	H.M.	PAINT	15.0		EQUIP	101A
101AB	N	36"	84"	1 3/4"	A	H.M.	PAINT	N	8	H.M.	PAINT	15.0		EQUIP	101AB
101B	N	36"	84"	1 3/4"	C	WD	S.C.W.P.	N	5	AL	ANODIZED	22.0		CONF	101B
101B1	N	36"	84"	1 3/4"	C	WD	S.C.W.P.	N	8	H.M.	PAINT	23.0		CONF	101B1
101D	N	36"	84"	1 3/4"	C	WD	S.C.W.P.	N	9	HM	PAINT	19.0		OFFICE	101D
101E	N	36"	84"	1 3/4"	C	WD	S.C.W.P.	N	9	HM	PAINT	19.0		OFFICE	101E
101F	N	36"	84"	1 3/4"	C	WD	S.C.W.P.	N	9	HM	PAINT	19.0		OFFICE	101F
101G	N	36"	84"	1 3/4"	C	WD	S.C.W.P.	N	9	HM	PAINT	19.0		STUDENT OFFICE	101G
102A	N	36"	80"	1 3/4"	A	H.M.	PAINT	N	8	H.M.	PAINT	17.0		ELEV. EQUIP.	102A
102B	N	72"	84"	1 3/4"	J	AL	ANODIZED	N	11	AL	ANODIZED	8.1		LOBBY	102B
102C	N	72"	84"	1 3/4"	J	AL	ANODIZED	N	11	AL	ANODIZED	8.1		LOBBY	102C
102D	N	72"	84"	1 3/4"	J	AL	ANODIZED	N	11	AL	ANODIZED	8.1		LOBBY	102D
102E	N	72"	84"	1 3/4"	J	AL	ANODIZED	N	11	AL	ANODIZED	8.1		LOBBY	102E
102F	N	72"	84"	1 3/4"	E	H.M.	PAINT	N	8	H.M.	PAINT	3.0		LOBBY ENTRY	102F
102G	N	72"	84"	1 3/4"	E	H.M.	PAINT	N	8	H.M.	PAINT	3.0		LOBBY ENTRY	102G
102H	N	72"	84"	1 3/4"	E	H.M.	PAINT	N	8	H.M.	PAINT	3.0		LOBBY ENTRY	102H
103A	N	72"	84"	1 3/4"	F	H.M.	PAINT	N	8	H.M.	PAINT	7.0		MAINTENANCE EXT.	103A
103A1	N	72"	84"	1 3/4"	F	H.M.	PAINT	N	8	H.M.	PAINT	12.0		STORAGE INT.	103A1
103B	N	72"	84"	1 3/4"	E	H.M.	PAINT	N	8	H.M.	PAINT	7.0		STORAGE EXT.	103B
103B1	N	96"	84"	1 3/4"	E	H.M.	PAINT	N	8	H.M.	PAINT	7.0		STORAGE EXT.	103B1
103B2	N	96"	84"	1 3/4"	E	H.M.	PAINT	N	8	H.M.	PAINT	12.0		STORAGE INT.	103B2
103G	N	96"	84"	1 3/4"	F	H.M.	PAINT	N	8	H.M.	PAINT	13.0	3 HR	COMM	103G
103H	N	96"	84"	1 3/4"	F	H.M.	PAINT	N	8	H.M.	PAINT	13.0	3 HR	TREAD	103H
103J	N	42"	80"	1 3/8"	B	H.M.	PAINT	N	8	H.M.	PAINT	18.0	3 HR	STOR	103J
103K	N	42"	80"	1 3/8"	B	H.M.	PAINT	N	8	H.M.	PAINT	18.0	3 HR	STOR	103K
103L	N	96"	84"	1 3/4"	F	H.M.	PAINT	N	8	H.M.	PAINT	13.0	3 HR	TREAD	103L
103M	N	96"	84"	1 3/4"	F	H.M.	PAINT	N	8	H.M.	PAINT	13.0	3 HR	STOR	103M
103N	N	42"	80"	1 3/8"	B	H.M.	PAINT	N	8	H.M.	PAINT	18.0	3 HR	STOR	103N
103P	N	36"	84"	1 3/4"	A	H.M.	PAINT	N	8	H.M.	PAINT	13.0		STOR	103P
105	E	36"	80"	1 3/4"	-	EXIST.	EXIST.	E	-	EXIST.	EXIST.	15.0		EXIST. WORKROOM	105
105A	N	36"	84"	1 3/4"	A	H.M.	PAINT	N	8	H.M.	PAINT	15.0		F.R.	105A
105B	N	36"	84"	1 3/4"	C	H.M.	PAINT	N	9	HM	PAINT	19.0		OFFICE	105B
105C	N	36"	84"	1 3/4"	C	H.M.	PAINT	N	10	HM	PAINT	19.0		OFFICE	105C
105D	E	72"	84"	1 3/4"	-	EXIST.	EXIST.	E	-	EXIST.	EXIST.			EXIST. WORKROOM	105D
109	N	36"	84"	1 3/4"	C	H.M.	PAINT	N	9	HM	PAINT	20.0		CLUB	109
121	N	72"	84"	1 3/4"	F	H.M.	PAINT	N	8	H.M.	PAINT	10.0	3 HR	CONNECT. VEST.	121
121A	E	72"	84"	1 3/4"	-	EXIST.	EXIST.	E	-	EXIST.	EXIST.	26.0		EXISTING ENTRY DOOR - HWR CHANGE	121A
150	N	72"	84"	1 3/4"	F	H.M.	PAINT	N	8	H.M.	PAINT	6.0	120	MECH.	150
150A	N	72"	84"	1 3/4"	F	H.M.	PAINT	N	8	H.M.	PAINT	6.0	120	MECH.	150A
199C	N	36"	84"	1 3/4"	B	H.M.	PAINT	N	8	H.M.	PAINT	5.0	120	STAIR EXT.	199C
199D	N	48"	84"	BY MFR.	-	BY MFR.	BY MFR.	N	8	BY MFR.	BY MFR	25.0	120	ELEVATOR	199D
199E	N	48"	84"	BY MFR.	-	BY MFR.	BY MFR.	N	8	BY MFR.	BY MFR	25.0	120	ELEVATOR	199E
200CX	N	20"	84"	1 3/4"	A	H.M.	PAINT	N	8	H.M.	PAINT	14.0		PLUMBING	200CX
201	N	36"	84"	1 3/4"	A	H.M.	PAINT	N	8	H.M.	PAINT	17.0		COMM	201
202	N	36"	84"	1 3/4"	D	AL	ANODIZED	N	7	AL	ANODIZED	9.0		FITNESS 202	202
202A	N	36"	84"	1 3/4"	A	WD	S.C.W.P.	N	8	H.M.	PAINT	14.0		FIT. STOR.	202A
202B	N	36"	84"	1 3/4"	A	WD	S.C.W.P.	N	8	H.M.	PAINT	14.0		FIT. STOR.	202B
202C	N	36"	84"	1 3/4"	D	AL	ANODIZED	N	7	AL	ANODIZED	9.0		FITNESS 202	202C
203A	N	36"	84"	1 3/4"	A	WD	S.C.W.P.	N	8	H.M.	PAINT	14.0		FIT. STOR.	203A
203B	N	36 1/4"	84"	1 3/4"	D	AL	ANODIZED	N	6	AL	ANODIZED	9.0		FITNESS 203	203B
203C	N	36"	84"	1 3/4"	D	AL	ANODIZED	N	6	AL	ANODIZED	9.0		FITNESS 203	203C
206	N	36"	84"	1 3/4"	A	WD	PAINT	N	8	H.M.	PAINT	24.0		MEN'S	206
207	N	36"	84"	1 3/4"	A	WD	PAINT	N	8	H.M.	PAINT	24.0		WOMEN'S	207
208	N	36"	84"	1 3/4"	A	H.M.	PAINT	N	8	H.M.	PAINT	14.0		JAN	208
209	N	42"	84"	1 3/4"	A	H.M.	PAINT	N	8	PAINT	PAINT	16.0		STORAGE	209
209B	N	36"	84"	1 3/4"	A	H.M.	PAINT	N	8	H.M.	PAINT	16.0		STORAGE	209B
210	N	36"	84"	1 3/4"	C	WD	PAINT	N	10	H.M.	PAINT	20.0		WELLNESS ENTRY	210
210A	N	36"	84"	1 3/4"	C	WD	PAINT	N	10	HM	PAINT	19.0		OFFICE	210A
210B	N	36"	84"	1 3/4"	C2	WD	PAINT	N	10	HM	PAINT	19.0		OFFICE	210B
210C	N	36"	84"	1 3/4"	C	WD	PAINT	N	10	HM	PAINT	22.0		CONF.	210C
210E	N	36"	84"	1 3/4"	C2	WD	PAINT	N	10	HM	PAINT	19.0		OFFICE	210E
210F	N	36"	84"	1 3/4"	C	WD	PAINT	N	10	H.M.	PAINT	19.0		OFFICE	210F
211	N	48"	84"	BY MFR.	-	BY MFR.	BY MFR.	N	-	BY MFR.	BY MFR	25.0	120	ELEVATOR	211
250	N	72"	84"	1 3/4"	F	H.M.	PAINT	N	8	H.M.	PAINT	4.0	120	SWENSON CONNECTOR	250
299C	N	36"	84"	1 3/4"	B	H.M.	PAINT	N	8	H.M.	PAINT	11.0	120	STAIR	299C
300E1	N	48"	84"	BY MFR.	-	BY MFR.	BY MFR.	N	-	BY MFR.	BY MFR	25.0	120	ELEVATOR - BY MFR.	300E1
300E1 A	N	48"	84"	BY MFR.	-	BY MFR.	BY MFR.	N	-	BY MFR.	BY MFR	25.0	120	ELEVATOR - BY MFR.	300E1 A
399C	N	36"	84"	1 3/4"	B	H.M.	PAINT	N	8	H.M.	PAINT	11.0	120	STAIR	399C

2 ADD #3



D5 DOOR TYPES LEGEND

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



C4 SOLAR SHADE AT FRAME TYPE 1

SCALE:

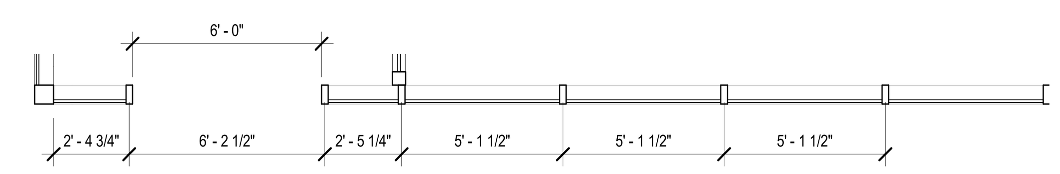
GLAZING TYPE LEGEND

MARK	DESCRIPTION
1	1" INSULATED , LOW-E SOLAR BAN 60
2	1" INSULATED, SPANDREL GLASS (MEDIUM COLOR)
3	1" INSULATED, SPANDREL GLASS (MEDIUM DARK COLOR)
4	1/2" FLOAT GLASS
5	1" INSULATED, LAMINATED GLASS (SKYLIGHTS)
6	1" INSULATED (INTERIOR)
7	FLOAT GLASS TEMPERED W/ TWO TONED ACID ETCHED GRAPHIC, ARCHITECT TO PROVIDE DIGITAL FILE FOR SPECIFIC DOORS
8	1/4" ACID ETCHED FLOAT GLASS
9	3/8" GLASS WITH BEVEL EDGE AT SIDES
10	1" INSULATED , LOW-E SOLAR BAN 60 - ACID ETCHED FLOAT GLASS
#T	'T' INDICATES TEMPERED GLASS

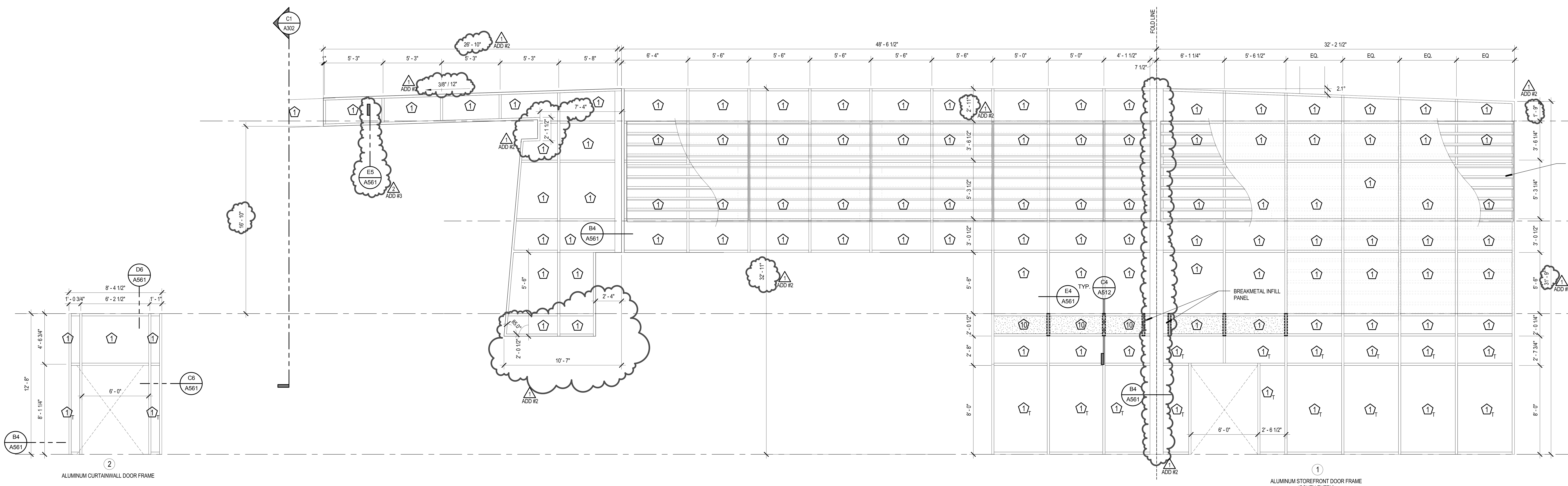
NOTE:
WINDOW TYPE QUANTITIES PROVIDED FOR CONVENIENCE, THE CONTRACTOR IS RESPONSIBLE TO VERIFY THE QUANTITIES OF EACH WINDOW TYPE.

DOOR & FRAME NOTES

1) MATERIAL ABBREVIATIONS:
   SCWD - SOLID CORE WOOD DOOR
   AL - ALUMINUM
   HM - HOLLOW METAL
   PT - PAINTED
   ST - STAINED
   CL - CLEAR ANODIZED
   F - FABRIC
2) ALL HOLLOW METAL DOOR AND WINDOW FRAMES ARE TO HAVE A SINGLE RABBET PROFILE EXCEPT AT DOOR 116A.
3) SEE SPECIFICATION FOR HARDWARE GROUP DEFINITION
4) ALL HOLLOW METAL FRAMES OPENING TO THE EXTERIOR ARE TO BE 14 GAUGE AND GALVANIZED
5) ALL HOLLOW METAL DOORS OPENING TO THE EXTERIOR ARE TO BE 14 GAUGE, INSULATED AND GALVANIZED
6) OVERALL ALUMINUM FRAME DIMENSIONS ARE GIVEN FOR REFERENCE, REFER TO DETAILS FOR JAMB AND SILL CONDITIONS. OVERALL DIMENSIONS ARE TO BE FIELD VERIFIED PRIOR TO FABRICATION.
7) PROVIDE TEMPERED GLAZING AS REQUIRED BY IBC 2009.
8) DOOR THRESHOLDS ARE NOT TO BE INSTALLED UNTIL DOOR HAS BEED CLOSED TO CONSTRUCTION ACCESS.
9) WHERE A DOOR IS SHOWN ON THE FLOORS PLANS BUT IS NOT NUMBERED AND/OR DOES NOT APPEAR IN THE DOOR SCHEDULE, THE FOLLOWING DOOR, FRAME AND HARDWARE ARE TO BE BID FOR THIS OPENING: WD DOOR TYPE E, HM FRAME TYPE 1, HARDWARE TYPE 01.
10) CONTRACTOR TO PROVIDE FLOOR STOPS AT LOCATIONS DOOR WILL SWING INTO A GLASS RAIL OR GLASS IN STOREFRONTS.
11) EXTERIOR STOREFRONT SYSTEM TO HAVE THERMAL SPRAYED INSULATION APPLIED INSIDE THE FRAME PERIMETER.



DOOR FRAME TYPE '1' PLAN



2 ALUMINUM CURTAINWALL DOOR FRAME

1 ALUMINUM STOREFRONT DOOR FRAME (SOUTH ENTRY)

A5 CURTAIN WALL DOOR FRAMES

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

VCBO ARCHITECTURE
VALENTINER CRANE BRUNJES ONYON

LICENSED ARCHITECT No. 133912 BRENT R. TIPPETS 10.2.12 STATE OF UTAH

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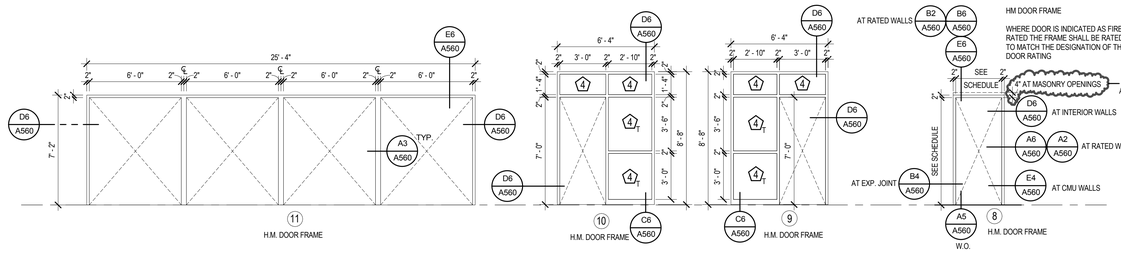
DOOR SCHEDULE

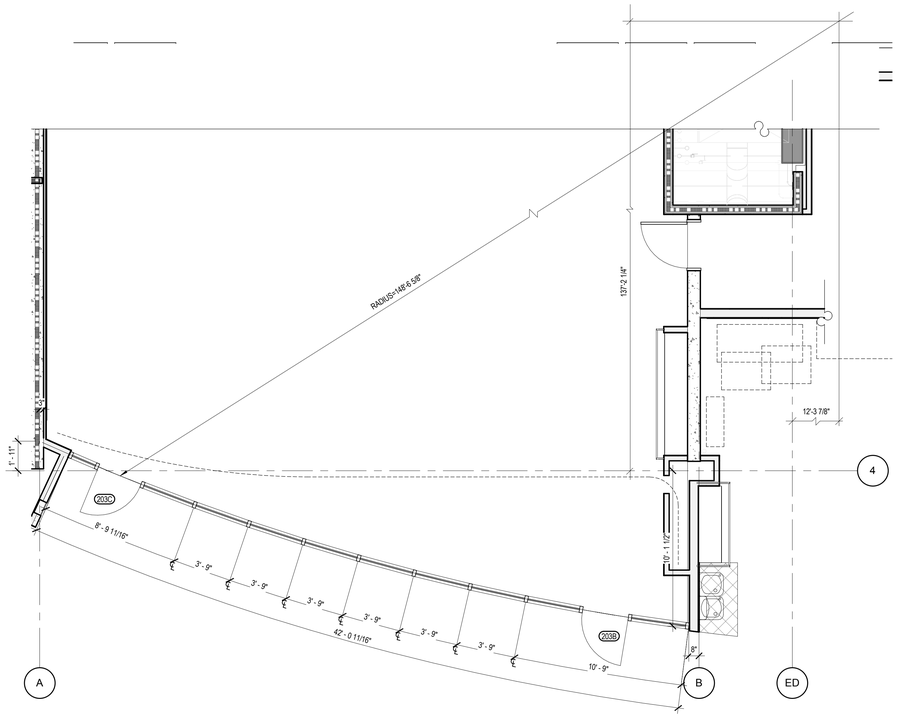
A600

10/19/2012 3:48:26 PM



A6 H.M. DOOR FRAMES

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



C5 DOOR FRAME TYPE 6 PLAN

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

GLAZING TYPE LEGEND

MARK	DESCRIPTION
1	1" INSULATED , LOW-E SOLAR BAN 60
2	1" INSULATED, SPANDREL GLASS (MEDIUM COLOR)
3	1" INSULATED, SPANDREL GLASS (MEDIUM DARK COLOR)
4	1/2" FLOAT GLASS
5	1" INSULATED, LAMINATED GLASS (SKYLIGHTS)
6	1" INSULATED (INTERIOR)
7	FLOAT GLASS TEMPERED W/ TWO TONED ACID ETCHED GRAPHIC, ARCHITECT TO PROVIDE DIGITAL FILE FOR SPECIFIC DOORS
8	1/4" ACID ETCHED FLOAT GLASS
9	3/8" GLASS WITH BEVEL EDGE AT SIDES
10	1" INSULATED , LOW-E SOLAR BAN 60 - ACID ETCHED FLOAT GLASS
#T	'T' INDICATES TEMPERED GLASS

NOTE:
WINDOW TYPE QUANTITIES PROVIDED FOR CONVENIENCE, THE CONTRACTOR IS RESPONSIBLE TO VERIFY THE QUANTITIES OF EACH WINDOW TYPE.

DOOR & FRAME NOTES

1) MATERIAL ABBREVIATIONS:
   SCWD - SOLID CORE WOOD DOOR
   AL - ALUMINUM
   HM - HOLLOW METAL
   PT - PAINTED
   ST - STAINED
   CL - CLEAR ANODIZED
   F - FABRIC

2) ALL HOLLOW METAL DOOR AND WINDOW FRAMES ARE TO HAVE A SINGLE RABBET PROFILE EXCEPT AT DOOR 116A.

3) SEE SPECIFICATION FOR HARDWARE GROUP DEFINITION

4) ALL HOLLOW METAL FRAMES OPENING TO THE EXTERIOR ARE TO BE 14 GAUGE AND GALVANIZED

5) ALL HOLLOW METAL DOORS OPENING TO THE EXTERIOR ARE TO BE 14 GAUGE, INSULATED AND GALVANIZED

6) OVERALL ALUMINUM FRAME DIMENSIONS ARE GIVEN FOR REFERENCE, REFER TO DETAILS FOR JAMB AND SILL CONDITIONS. OVERALL DIMENSIONS ARE TO BE FIELD VERIFIED PRIOR TO FABRICATION.

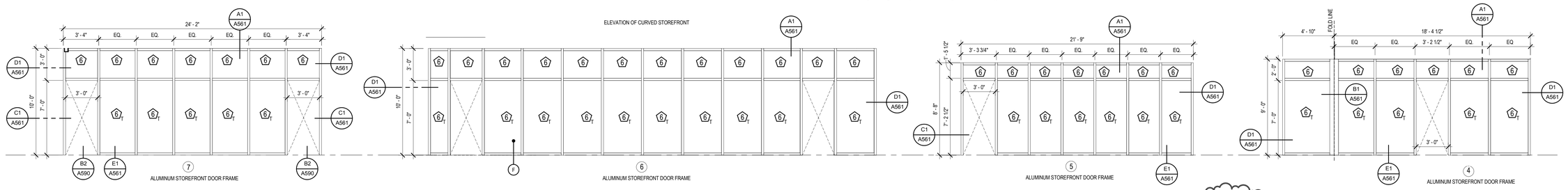
7) PROVIDE TEMPERED GLAZING AS REQUIRED BY IBC 2009.

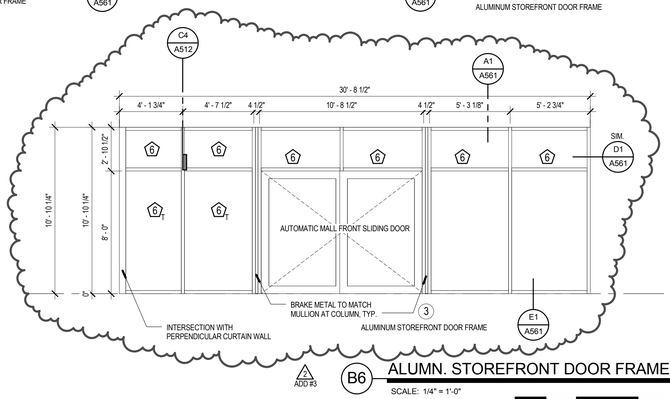
8) DOOR THRESHOLDS ARE NOT TO BE INSTALLED UNTIL DOOR HAS BEED CLOSED TO CONSTRUCTION ACCESS.

9) WHERE A DOOR IS SHOWN ON THE FLOORS PLANS BUT IS NOT NUMBERED AND/OR DOES NOT APPEAR IN THE DOOR SCHEDULE, THE FOLLOWING DOOR, FRAME AND HARDWARE ARE TO BE BID FOR THIS OPENING: WD DOOR TYPE E, HM FRAME TYPE 1, HARDWARE TYPE 01.

10) CONTRACTOR TO PROVIDE FLOOR STOPS AT LOCATIONS DOOR WILL SWING INTO A GLASS RAIL OR GLASS IN STOREFRONTS.

11) EXTERIOR STOREFRONT SYSTEM TO HAVE THERMAL SPRAYED INSULATION APPLIED INSIDE THE FRAME PERIMETER.





B6 ALUMN. STOREFRONT DOOR FRAMES

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

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Student Activity Center
Stromberg Addition - BID SET
Weber State University
3750 Harrison Blvd. Ogden, UT 84408

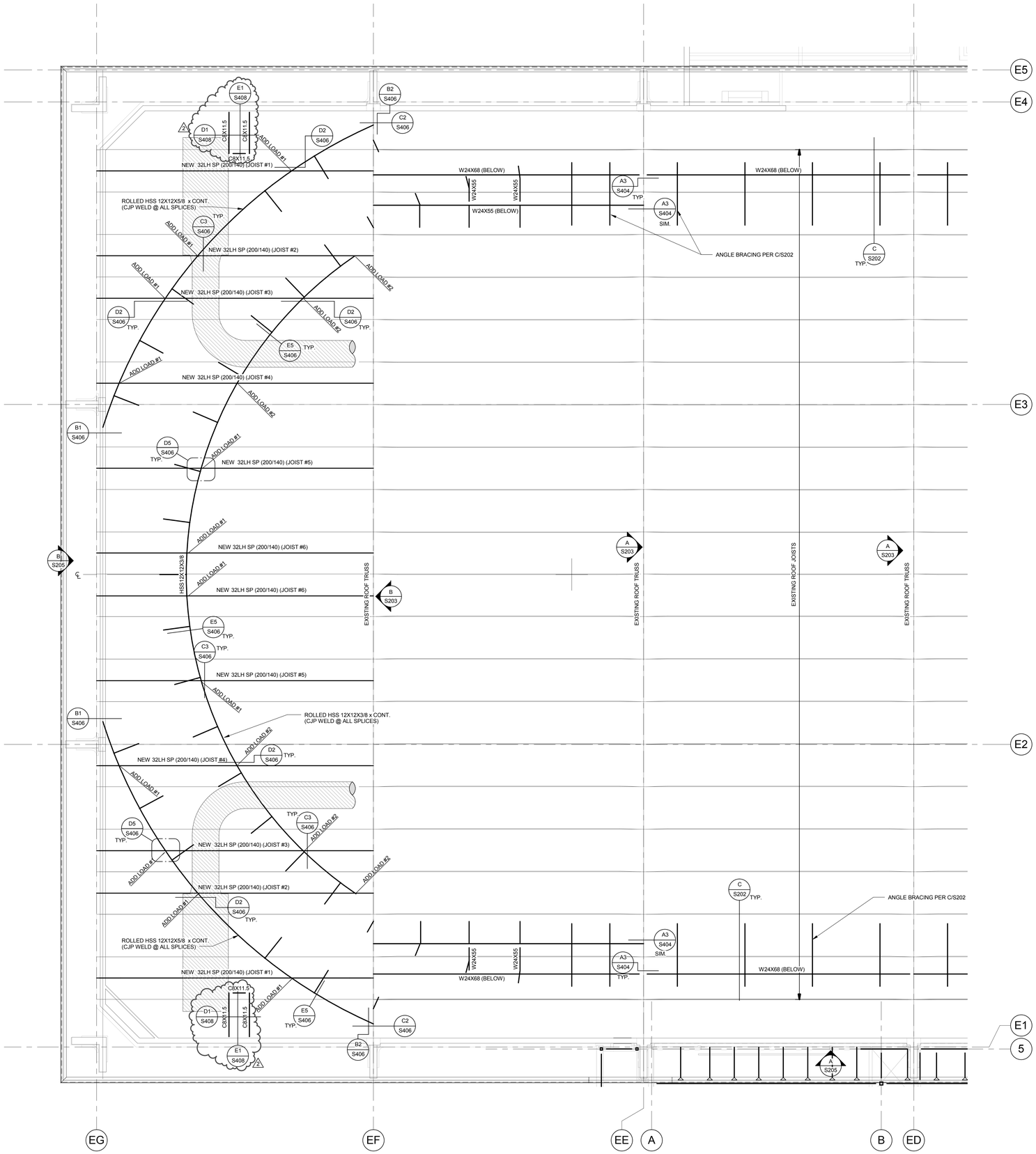
Rev #	Date	Description
1	10.12.2012	ADD #2
2	10.19.2012	ADD #3

Job # 12475
CAD File
Drawn Author Checked Checker
Date 10.03.2012
Owner # DFCM #12031810

DOOR TYPES

A601

10/19/2012 3:48:35 PM



ROOF FRAMING PLAN - AREA A

SCALE : 1/8" = 1'-0"

A S141

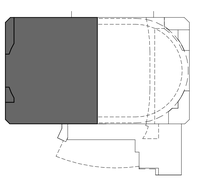
NEW TRACK SUPPORT JOIST LOAD CHART

JOIST #	UNIFORM LOAD (TOTAL LOAD/SNOW LOAD)	ADD LOAD #1		ADD LOAD #2	
		D.L.	L.L.	D.L.	L.L.
1	200/140	9.2K	9.2K	N/A	N/A
2	200/140	4.0K	4.0K	4.75K	4.75K
3	200/140	7.0K	7.0K	7.0K	7.0K
4	200/140	3.5K	3.5K	6.0K	6.0K
5	200/140	7.5K	7.5K	N/A	N/A
6	200/140	4.6K	4.6K	N/A	N/A

NOTES:
1. COORDINATE LOCATION OF ADD LOADS #1 AND #2 WITH CONTRACTOR BASED ON ACTUAL FIELD CONDITIONS.
2. COORDINATE JOIST CAMBERS WITH EXISTING JOIST CAMBERS TO PROVIDE COMMON DECK BEARING ELEVATION.
3. REMOVE AND REPLACE EXISTING BRIDGING AND ADD NEW BRIDGING AS REQ'D FOR NEW JOISTS. BRIDGING DESIGN TO BE PROVIDED BY JOIST DESIGNER.
4. EXISTING ROOF DECK BETWEEN GRIDS EA AND EB AND BETWEEN EF AND EG SHALL BE REMOVED TO FACILITATE JOIST INSTALLATION.
5. NEW ROOF DECK SHALL BE PLACED BETWEEN GRIDS EA AND EB AND BETWEEN EF AND EG PER THE ROOF DECK SCHEDULE ON SHEET S002.
6. ALL EXISTING ROOF DECK BETWEEN GRIDS EB AND EF SHALL REMAIN IN-PLACE AND UNALTERED.

SEE SHEET S141.1 FOR ROOF UPGRADE REQUIREMENTS

KEY PLAN



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Rev #	Date	Description
2	10/19/2012	ADD #3

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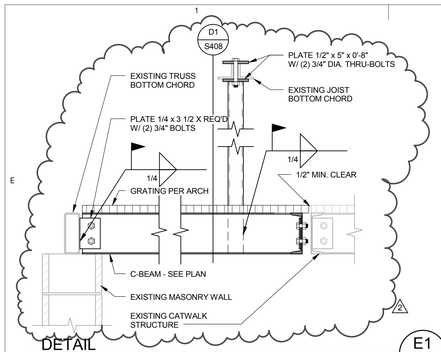
Drawn BLP Checked JLA
Date 10.03.2012
Owner # DFCM #12031810

AREA A EXISTING ROOF TRACK SUPPORT PLAN

S141

10/19/2012 10:12:54 AM



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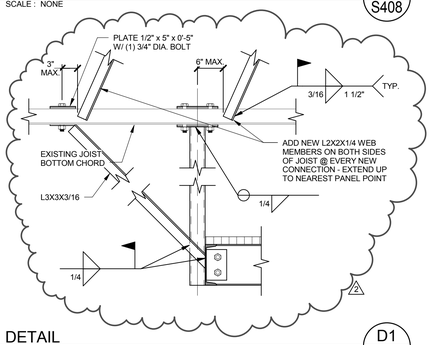

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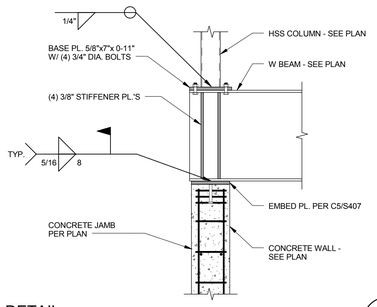

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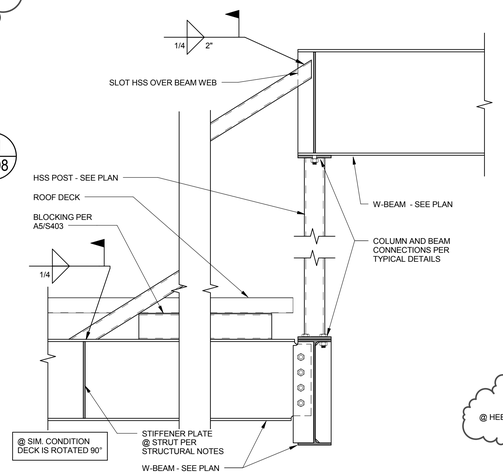

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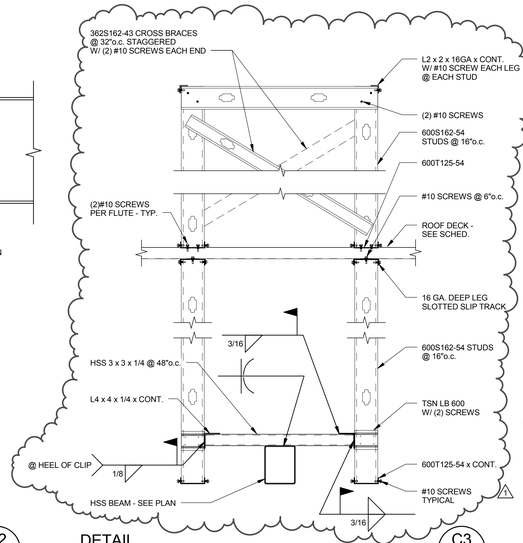

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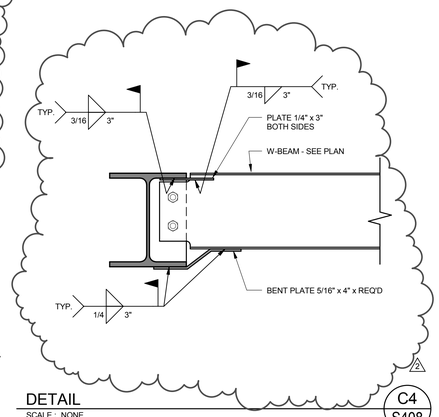

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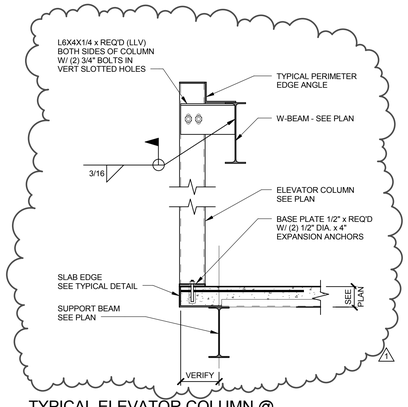
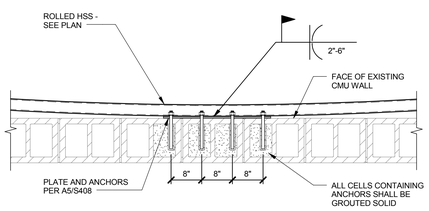


TYPICAL ELEVATOR COLUMN @
SUSPENDED SLAB
SCALE : NONE B5/S408



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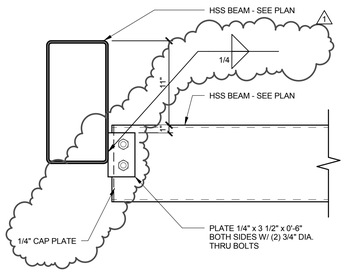

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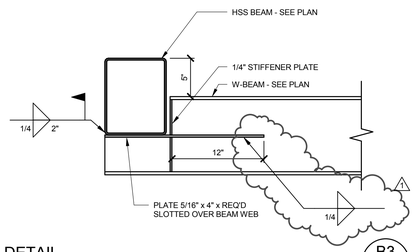

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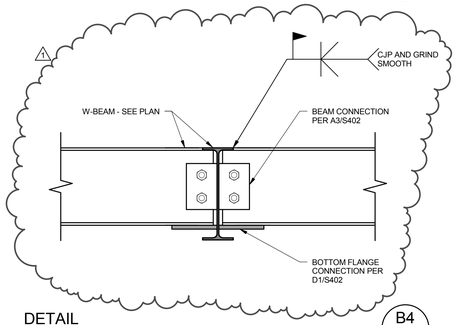

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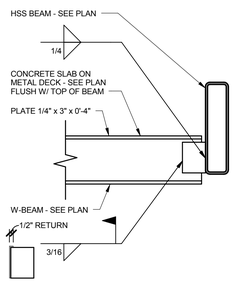

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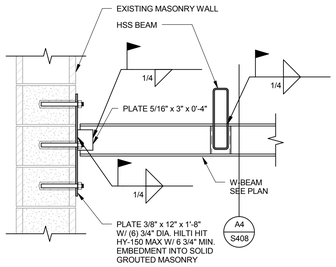

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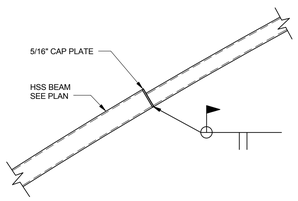

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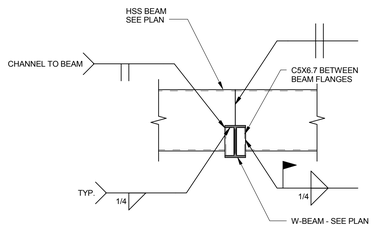

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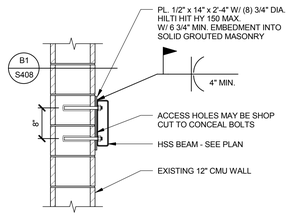

DETAIL A5/S408
SCALE : NONE

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Student Activity Center
Stromberg Addition - BID SET
Weber State University
3750 Harrison Blvd. Ogden, UT 84408

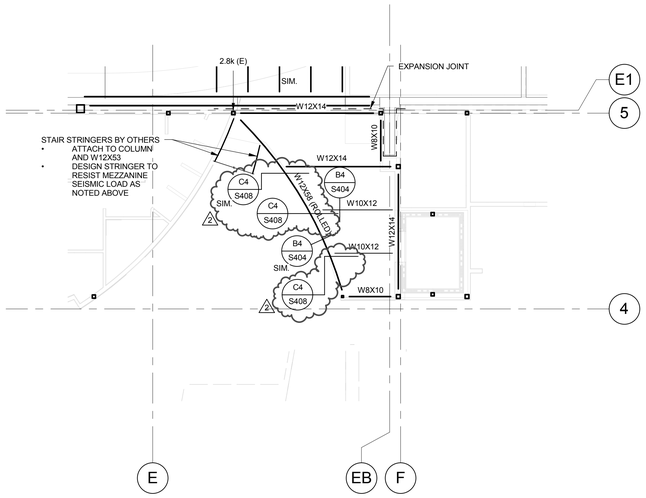
Rev #	Date	Description
1	10/12/2012	ADD #2
2	10/19/2012	ADD #3

Job # 12475
CAD File
Drawn BLP Checked JLA
Date 10.03.2012
Owner # DFCM #12031810

DETAILS

S408

10/19/2012 10:12:55 AM

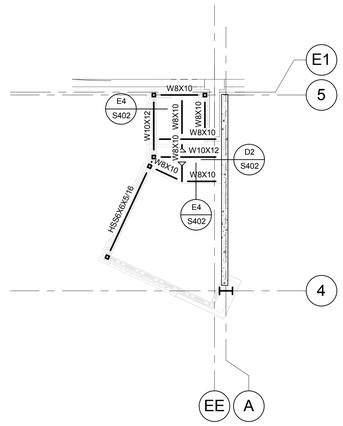


MEZZANINE FRAMING PLAN

SCALE : 1/8" = 1'-0"

A
S133

NORTH



NEW TRACK LEVEL - AREA C STAIR

SCALE : 1/8" = 1'-0"

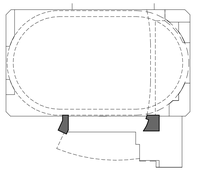
B
S133

NORTH

EXPANSION JOINT SIZE REQUIREMENTS		
LEVEL	CLEAR DIMENSION EAST - WEST	CLEAR DIMENSION NORTH - SOUTH
SECOND FLOOR	2"	2"
MEZZANINE	4 1/2"	3"
ROOF	7"	3"

NOTES:
1. TABULATED VALUES REPRESENT MINIMUM CLEAR DISTANCE BETWEEN NEW CONSTRUCTION AND EXISTING STRUCTURE.
2. COORDINATE ACTUAL DIMENSIONS WITH THE ARCHITECTURAL DRAWINGS.

KEY PLAN



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2	10/19/2012	ADD #3

Job # 12475
CAD File
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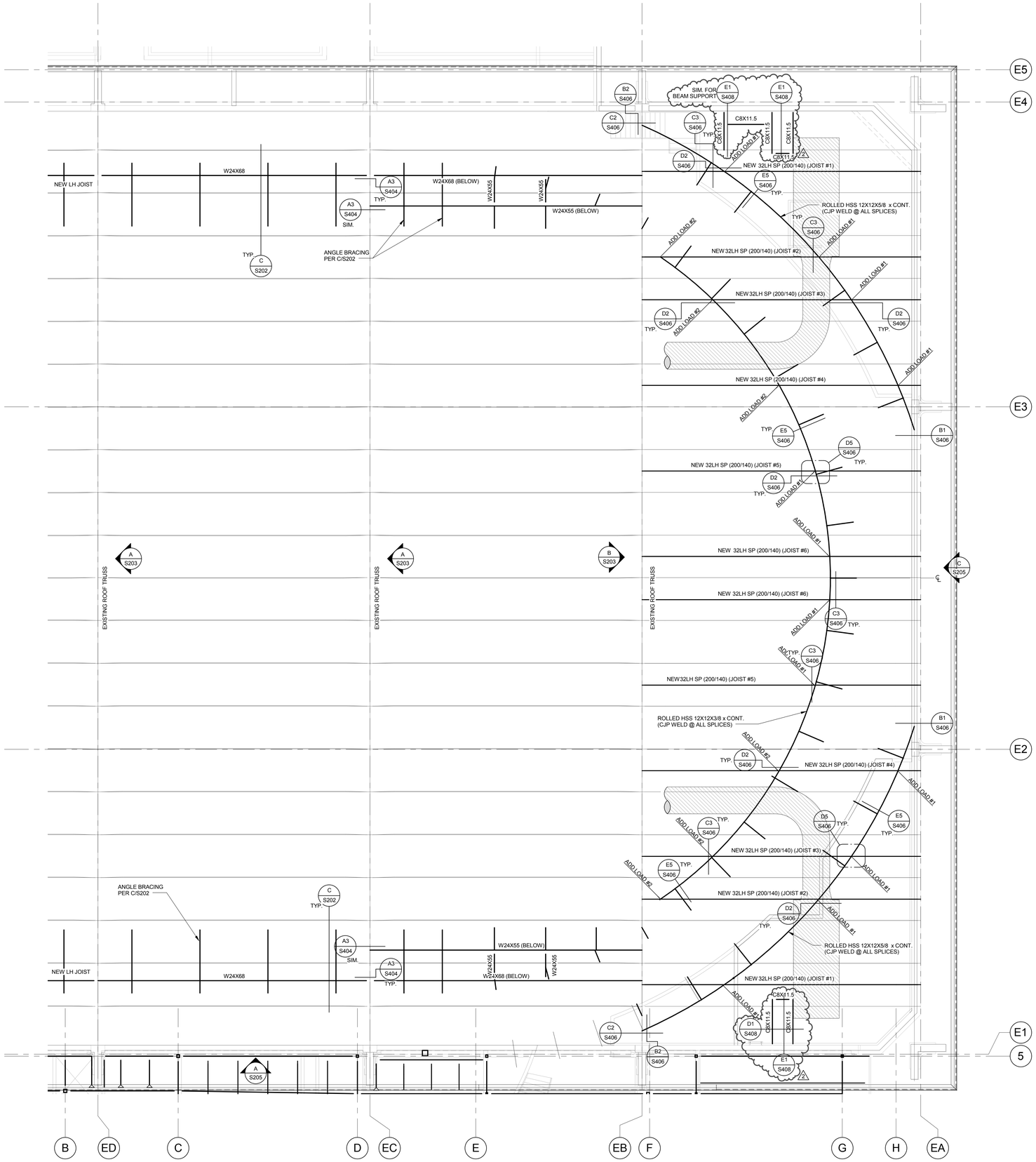
Date 10.03.2012
Owner # DFCM #12031810

AREA C FRAMING PLAN

S133

10/19/2012 10:12:52 AM



ROOF FRAMING PLAN - AREA B

SCALE : 1/8" = 1'-0"

A S142

NORTH

NEW TRACK SUPPORT JOIST LOAD CHART

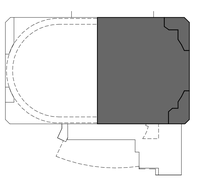
JOIST #	UNIFORM LOAD (TOTAL LOAD/SNOW LOAD)	ADD LOAD #1		ADD LOAD #2	
		D.L.	L.L.	D.L.	L.L.
1	200/140	9.2K	9.2K	N/A	N/A
2	200/140	4.0K	4.0K	4.75K	4.75K
3	200/140	7.0K	7.0K	7.0K	7.0K
4	200/140	3.5K	3.5K	6.0K	6.0K
5	200/140	7.5K	7.5K	N/A	N/A
6	200/140	4.6K	4.6K	N/A	N/A

NOTES:

1. COORDINATE LOCATION OF ADD LOADS #1 AND #2 WITH CONTRACTOR BASED ON ACTUAL FIELD CONDITIONS.
2. COORDINATE JOIST CAMBERS WITH EXISTING JOIST CAMBERS TO PROVIDE COMMON DECK BEARING ELEVATION.
3. REMOVE AND REPLACE EXISTING BRIDGING AND ADD NEW BRIDGING AS REQ'D FOR NEW JOISTS. BRIDGING DESIGN TO BE PROVIDED BY JOIST DESIGNER.
4. EXISTING ROOF DECK BETWEEN GRIDS EA AND EB AND BETWEEN EF AND EG SHALL BE REMOVED TO FACILITATE JOIST INSTALLATION.
5. NEW ROOF DECK SHALL BE PLACED BETWEEN GRIDS EA AND EB AND BETWEEN EF AND EG PER THE ROOF DECK SCHEDULE ON SHEET S002.
6. ALL EXISTING ROOF DECK BETWEEN GRIDS EB AND EF SHALL REMAIN IN-PLACE AND UNALTERED.

SEE SHEET S142.1 FOR ROOF UPGRADE REQUIREMENTS

KEY PLAN



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Job # 12475
CAD File
Drawn BLP Checked JLA
Date 10.03.2012
Owner # DFCM #12031810

AREA B EXISTING ROOF TRACK SUPPORT PLAN

S142

10/19/2012 10:12:54 AM

DRAWING INDEX

#	SHEET NAME
M001	MECHANICAL LEGEND, SYMBOLS & ABBREVIATIONS
M102D	SECOND FLOOR OVERALL MECHANICAL DEMOLITION PLAN
M121.1D	SECOND FLOOR AREA A & MECHANICAL ROOM MECHANICAL DEMOLITION PLAN
M122.1D	SECOND FLOOR AREA B MECHANICAL & PLUMBING DEMOLITION PLAN
F101	FIRST FLOOR FIRE PROTECTION PLAN
F102	SECOND FLOOR FIRE PROTECTION PLAN
M101	FIRST FLOOR OVERALL MECHANICAL PLAN
M102	SECOND FLOOR OVERALL MECHANICAL PLAN
M104	ROOF OVERALL MECHANICAL AND PLUMBING PLAN
M105	FIRST FLOOR OVERALL MECHANICAL PIPING PLAN
M106	SECOND FLOOR OVERALL MECHANICAL PIPING PLAN
M113.1	FIRST FLOOR AREA C MECHANICAL PLAN
M121.1	SECOND FLOOR AREA A MECHANICAL PLAN
M122.1	SECOND FLOOR AREA B MECHANICAL PLAN
M123.1	SECOND FLOOR AREA C MECHANICAL PLAN
M141.1	ROOF AREA A MECHANICAL AND PLUMBING ROOF PLAN
M142.1	ROOF AREA B MECHANICAL AND PLUMBING ROOF PLAN
M143.1	ROOF AREA C MECHANICAL AND PLUMBING ROOF PLAN
M117.1	FIRST FLOOR AREA C MECHANICAL PIPING PLAN
M125.1	SECOND FLOOR AREA A MECHANICAL PIPING PLAN
M126.1	SECOND FLOOR AREA B MECHANICAL PIPING PLAN
M127.1	SECOND FLOOR AREA C MECHANICAL PIPING PLAN
M201	SCHEMATICS
M202	SCHEMATICS
M203	SCHEMATICS
M204	SCHEMATICS
M205	SCHEMATICS
M401	ENLARGED MECHANICAL PLANS
M501	MECHANICAL DETAILS
M502	MECHANICAL DETAILS
M503	MECHANICAL DETAILS
M601	MECHANICAL SCHEDULES
M602	MECHANICAL SCHEDULES
P101	FIRST FLOOR OVERALL PLUMBING PLAN
P102	SECOND FLOOR OVERALL PLUMBING PLAN
P111.1	FIRST FLOOR AREA A PLUMBING PLAN
P112.1	FIRST FLOOR AREA B PLUMBING PLAN
P113.1	FIRST FLOOR AREA C PLUMBING PLAN
P123.1	SECOND FLOOR AREA C PLUMBING PLAN
P401	ENLARGED PLUMBING PLANS
P501	PLUMBING DETAILS
P601	PLUMBING SCHEDULES
Z113.1	FIRST FLOOR AREA C ZONING PLAN
Z122.1	SECOND FLOOR AREA B ZONING PLAN
Z123.1	SECOND FLOOR AREA C ZONING PLAN

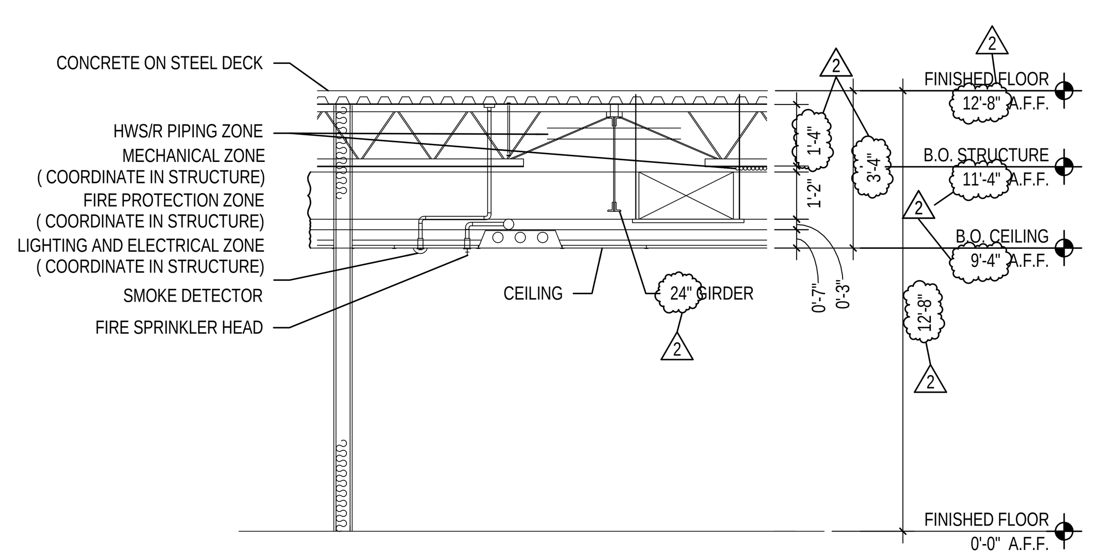
ABBREVIATIONS

Ø	ROUND OR DIAMETER	LWT	LEAVING WATER TEMPERATURE
AD	ACCESS DOOR	MAX	MAXIMUM
AF	AIRFOIL	MBH	THOUSAND BRITISH THERMAL UNITS/HOUR
AFF	ABOVE FINISHED FLOOR	MECH	MECHANICAL
ALT	ALTERNATE	MIN	MINIMUM
BI	BACKWARD INCLINED	NC	NOISE CRITERIA OR NORMALLY CLOSED
BOD	BOTTOM OF DUCT	NIC	NOT IN CONTRACT
BOP	BOTTOM OF PIPE	NO	NUMBER
BTU/H	BRITISH THERMAL UNITS PER HOUR	NOM	NOMINAL
CAP	CAPACITY	NTS	NOT TO SCALE
CFM	CUBIC FEET PER MINUTE	OA	OUTSIDE AIR
CV	CONSTANT VOLUME	OBD	OPPOSED BLADE DAMPER
DB	DRY BULB	OD	OVERFLOW DRAIN
DN	DOWN	OFCI	OWNER FURNISHED, CONTRACTOR INSTALLED
DIA	DIAMETER	OFOI	OWNER FURNISHED, OWNER INSTALLED
DCW	DOMESTIC COLD WATER	PD	PRESSURE DROP
DHW	DOMESTIC HOT WATER	POC	POINT OF CONNECTION
DHWC	DOMESTIC HOT WATER CIRC.	PRV	PRESSURE REDUCING VALVE
DSN	DOWN SPOUT NOZZLE	PSI	POUNDS PER SQUARE INCH
DW	DISHWASHER	PSIG	POUNDS PER SQUARE INCH GAUGE
(E)	EXISTING	RA	RETURN AIR
EA	EXHAUST AIR	RAD	RADIUS
EAT	ENTERING AIR TEMPERATURE	RD	ROOF DRAIN
EFF	EFFICIENCY	RPBP	REDUCED PRESSURE BACKFLOW PREVENTER
ELEV	ELEVATION	SA	SUPPLY AIR OR SHOCK ARRESTOR
ENCL	ENCLOSURE	SEN	SENSIBLE
ESP	EXTERNAL STATIC PRESSURE	SIM	SIMILAR
ET	EXPANSION TANK	SL	SEA LEVEL
EWC	ELECTRIC WATER COOLER	SP	STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE	SF	SQUARE FEET
FCO	FLOOR CLEANOUT	SS	SERVICE SINK OR STAINLESS STEEL
FD	FLOOR DRAIN	TOD	TOP OF DUCT
FO	FLAT OVAL	TSP	TOTAL STATIC PRESSURE
FPM	FEET PER MINUTE	TYP.	TYPICAL
FS	FLOOR SINK	U	URINAL
FT	FEET	V	VENT
FV	FACE VELOCITY	VAV	VARIABLE AIR VOLUME
GA	GAUGE	VD	VOLUME DAMPER
GAL	GALLON	VFD	VARIABLE FREQUENCY DRIVE
GD	GARAGE DRAIN	VOL	VOLUME
GPM	GALLONS PER MINUTE	VTR	VENT THROUGH ROOF
HP	HORSEPOWER	W/	WITH
HR	HOUR	W/O	WITHOUT
HT	HEIGHT	WB	WET BULB
IN	INCH	WC	WATER CLOSET
INWC	INCHES OF WATER COLUMN	MVD	MANUAL VOLUME DAMPER
INWG	INCHES OF WATER GAUGE	WCO	WALL CLEANOUT
L	LAVATORY OR LOUVER	WPD	WATER PRESSURE DROP
LAT	LEAVING AIR TEMPERATURE	WT	WEIGHT
LBS	POUNDS		

MECHANICAL LEGEND

NOTE: ALL ITEMS MAY NOT APPEAR ON DRAWINGS

GATE VALVE		CHILLED WATER SUPPLY	CHS
OS & Y PATTERN GATE VALVE		CHILLED WATER RETURN	CHR
BALL VALVE		CONDENSER WATER SUPPLY	CS
BUTTERFLY VALVE		CONDENSER WATER RETURN	CR
MOTORIZED VALVE OPERATOR	M	GROUND LOOP SUPPLY	GLS
GAS COCK		GROUND LOOP RETURN	GLR
PLUG VALVE		HEATING WATER SUPPLY	HWS
CHECK VALVE (SWING OR LIFT AS REQ'D)		HEATING WATER RETURN	HWR
SOLENOID VALVE		RADIANT FLOOR SUPPLY	RFS
AUTOMATIC CONTROL VALVE (2-WAY)		RADIANT FLOOR RETURN	RFR
AUTOMATIC CONTROL VALVE (3-WAY)		SNOW MELT SUPPLY	SMS
PRESSURE REDUCING VALVE		SNOW MELT RETURN	SMR
P & T RELIEF VALVE		STEAM	S
AIR VENT (AUTOMATIC)		STEAM CONDENSATE RETURN	SCR
CURB COCK		WATER TREATMENT	WT
THERMAL EXPANSION VALVE		FUEL OIL SUPPLY	FOS
STRAINER		FUEL OIL RETURN	FOR
CALIBRATED BALANCE VALVE		REFRIGERANT LIQUID	RL
VENTURI FLOW METER		REFRIGERANT SUCTION	RS
REDUCER		HOT GAS	HG
PET COCK OR GAUGE COCK		HOT GAS BYPASS	HGBP
PRESSURE GAUGE W/GAUGE COCK		VACUUM	VAC
THERMOMETER		MEDICAL AIR	MA
TEMPERATURE & PRESSURE TEST PLUG		OXYGEN	O2
IN-LINE PUMP		NITROUS OXIDE	N2O
FLOW SWITCH	F	NITROGEN	N
AQUASTAT	A	HYDROGEN	H
TEMPERATURE SENSING WELL	T	HELIUM	HE
HOSE BIBB OR SILLCOCK		CARBON DIOXIDE	CO2
YARD HYDRANT	H	ARGON	AR
FLOOR DRAIN		DUCT SIZE (IN), FIRST FIGURE IS SIDE SHOWN	18/12
FLOOR SINK		BURIED OR UNDERFLOOR DUCT	
MANHOLE		FLEXIBLE DUCT (HELICAL)	
WALL CLEANOUT		SPIN-IN FITTING W/ MVD	
FLOOR OR GRADE CLEANOUT		FLEXIBLE DUCT CONNECTION	
GRADE CLEANOUT W/ CONCRETE PAD		SUPPLY SLOT DIFFUSER	
VENT THROUGH ROOF		SUPPLY DIFFUSER	
POST TYPE FDC CONNECTION		RETURN GRILLE	
WALL TYPE FDC CONNECTION		RADIAL SUPPLY DIFFUSERS	
FIRE HOSE CABINET		RETURN AIR DUCT SECTION	
FIRE DEPT. HORN & LIGHT		RETURN AIR DUCT UP	
EXPANSION JOINT		RETURN AIR DUCT DOWN	
FLEXIBLE PIPE CONNECTION		SUPPLY AIR DUCT SECTION	
REDUCED PRESSURE BACKFLOW PREVENTER	RPBP	SUPPLY AIR DUCT UP	
DIRECTION OF FLOW		SUPPLY AIR DUCT DOWN	
ELBOW DOWN		EXHAUST AIR DUCT SECTION	
ELBOW UP		EXHAUST AIR DUCT UP	
PIPE CAP		EXHAUST AIR DUCT DOWN	
TEE DOWN		ACCESS PANEL	
UNION		MANUAL VOLUME DAMPER	
DOMESTIC COLD WATER		GRAVITY BACKDRAFT DAMPER	G
DOMESTIC HOT WATER		MOTORIZED DAMPER	M
DOMESTIC HOT WATER CIRC.		AIR FLOW STATION	F
TEMPERED WATER	T	FIRE DAMPER	F
SANITARY (PLBG) VENT		SMOKE DAMPER	S
SANITARY SEWER ABOVE GRADE		COMBINATION FIRE/SMOKE DAMPER	FS
SANITARY SEWER BELOW GRADE		DUCT TRANSITION	
GREASE WASTE ABOVE GRADE	GW	ELBOW W/ TURNING VANES	
GREASE WASTE BELOW GRADE	GW	TEE W/ 45° ENTRY	
DRAIN	D	WYE W/ 45° ENTRY	
ROOF DRAIN	RD	THERMOSTAT OR TEMP SENSOR	T
OVERFLOW DRAIN	OD	HUMIDISTAT OR HUMIDITY SENSOR	H
STORM DRAIN ABOVE GRADE	SD	CARBON MONOXIDE SENSOR	C
STORM DRAIN BELOW GRADE	SD	CARBON DIOXIDE SENSOR	C2
FIRE SERVICE	F	FAN SWITCH	S
NATURAL GAS	G	POINT OF REMOVAL FROM EXISTING	
PROPANE	P	POINT OF CONNECTION TO EXISTING	
COMPRESSED AIR	CA	DETAIL TAG	DETAIL NO. / DRAWING NO.
INDUSTRIAL WATER (NON-POTABLE)	IW		
DEIONIZED WATER	DI	KEYED NOTE	NOTE NO.
DEIONIZED WATER RETURN	DIR		
HEAT TRACING		SECTION CUT LINE	SECTION NO. / DRAWING NO.



NOTE: EXTREMELY LIMITED SPACE IS AVAILABLE FOR TRADES TO INSTALL THEIR WORK. CAREFUL COORDINATION IS REQUIRED TO ASSURE THAT CROSS-OVER LINES ACTUALLY FIT IN ZONES ALLOTTED. ON OCCASION "FIRE PROTECTION ZONE" AND/OR "ELECTRICAL ZONE" MAY NEED TO TRANSITION UP INTO "STRUCTURAL ZONE" BETWEEN BEAMS AND GIRDERS. GENERAL CONTRACTOR SHALL COORDINATE WORK AND SCHEDULE OF EACH TRADE TO PREVENT UTILITY LINE CONFLICTS.

VERTICAL SPACE ALLOCATION - TYPICAL OFFICE SPACE

SCALE: NONE

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DFCM CODE COMPLIANCE STAMP

Student Activity Center

Stromberg Addition - BID SET

Weber State University
3750 Harrison Blvd. Ogden, UT 84408

Rev #	Date	Description
2	10.19.2012	Addendum 3

Stephen G. Connor, Registered Professional Engineer, 187524, 10/3/2012, State of Utah

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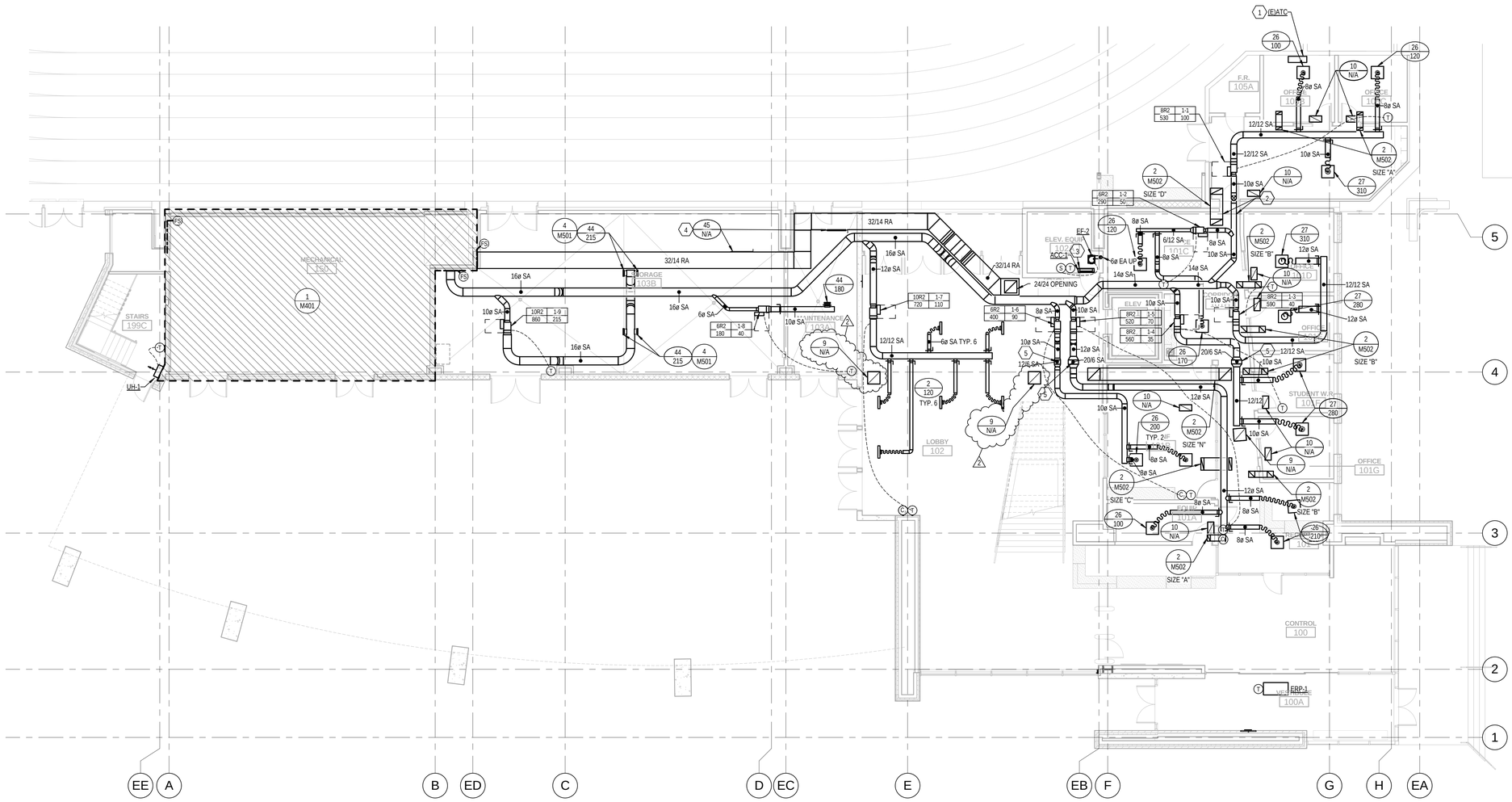
Job # 2012-033.00
CAD File
Drawn TCF Checked BRC
Date 10.03.2012
Owner # DFCM #12031810

MECHANICAL LEGEND, SYMBOLS & ABBREVIATIONS

M001



KEYED NOTES

1. RELOCATE EXISTING ATC PANEL AND ALL CONTROLS TO SECOND FLOOR EXISTING STORAGE ROOM 209A. SEE SHEET M123.1.
2. PROVIDE EXPANSION JOINT AT THIS LOCATION.
3. KEEP UNIT FROM ABOVE ANY ELEVATOR EQUIPMENT. ROUTE CONDENSATE TO TAILPIECE OF S-1 IN CORRIDOR 101H.
4. PROVIDE DIFFUSER / GRILL WITH OPPOSED BLADE DAMPER IN FACE FOR BALANCING.
5. DUCT SLICE BELOW BEAM. DUCT SLICE ONLY TO BE UNLINED.

GENERAL NOTES

A. NO DUCT OR PIPE TO RUN OVER ELECTRICAL PANEL.

B. FIRE/SMOKE DAMPER MOTORS AND MOTORIZED DAMPERS TO BE MOUNTED TO SIDE OF NEAREST CEILING ACCESS HATCH OR OPEN CEILING AREA. PROVIDE 24" X 24" DUCT ACCESS AS REQUIRED. TYPICAL.

C. COORDINATE DUCTWORK AND EQUIPMENT WITH ALL TRADES.

D. ROUTE 3/4" CONDENSATE DRAINS FOR ALL REQUIRED MECHANICAL EQUIPMENT TO NEAREST FLOOR DRAIN OR SERVICE SINK.

E. BUILDING EXPANSION JOINT AT GRID 5. PROVIDE FLEXIBLE CONNECTION TO MEET REQUIREMENTS.

F. PROVIDE A WATER TIGHT PAN THAT IS 2" DEEP AND 6" LARGER THAN ANY PLUMBING, MECHANICAL PIPING, OR MECHANICAL EQUIPMENT INSTALLED OVER ANY ELECTRICAL EQUIPMENT OR GEAR THAT IS UNAVOIDABLE.

G. DIFFUSERS ALONG GLASS TO BLOW TOWARD GLASS.

1 FIRST FLOOR AREA C MECHANICAL PLAN

SCALE: 1/8" = 1'-0"

6' 0' 4' 8' 12' 16'

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1	10.12.2012	Addendum 2
2	10.19.2012	Addendum 3

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10/3/2012
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FIRST FLOOR AREA C
MECHANICAL PLAN

M113.1

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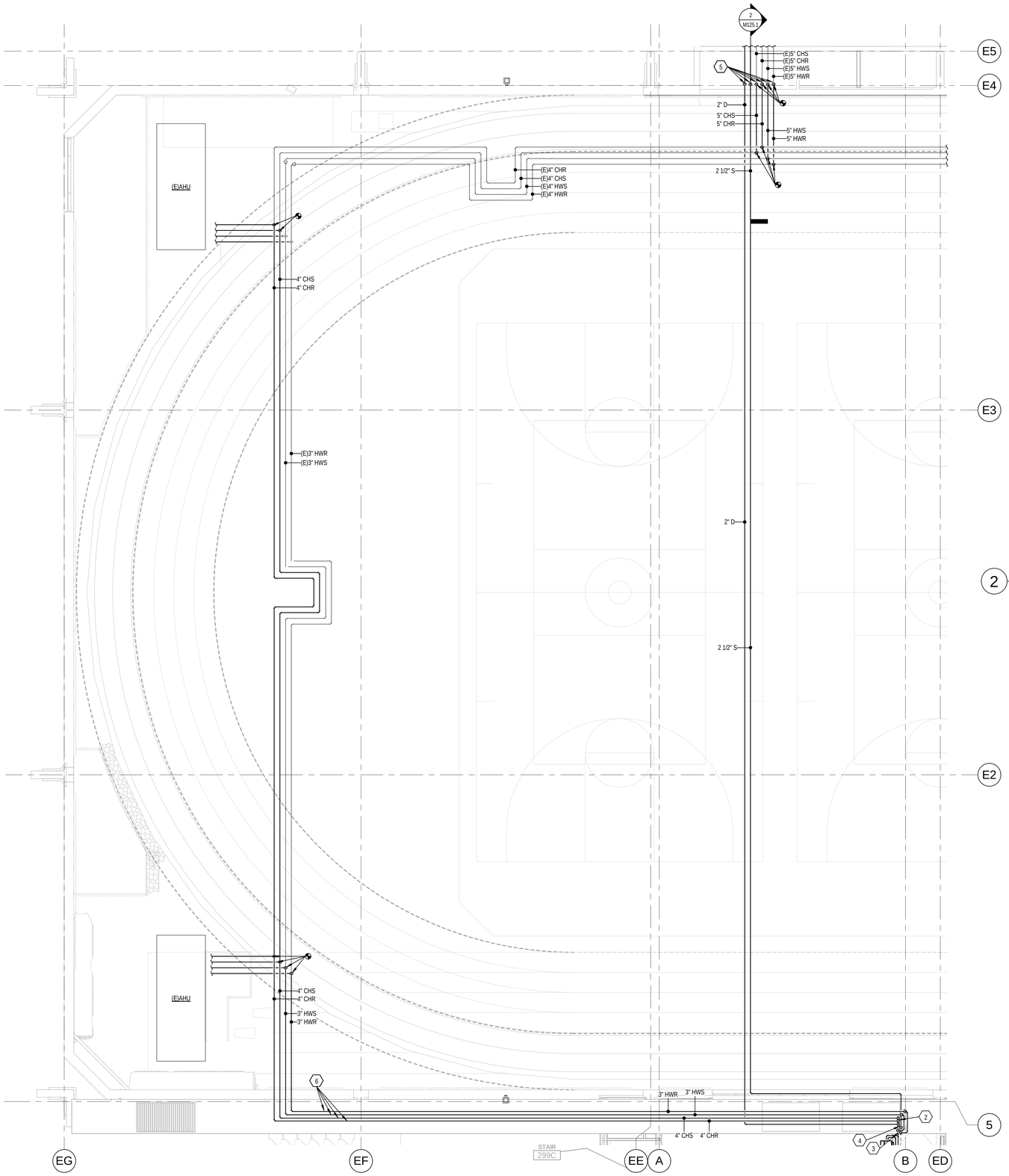
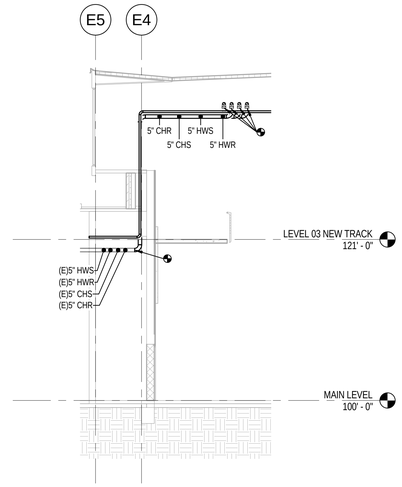


1 SECOND FLOOR AREA A MECHANICAL PIPING PLAN

SCALE: 1/8" = 1'-0"



2 TRACK AREA MECHANICAL PIPING SECTION VIEW

SCALE: 1/8" = 1'-0"

KEYED NOTES

1. PROVIDE NEW 5" CHILLED WATER SUPPLY AND CHILLED WATER RETURN PIPING TO AND FROM P-3. REFER TO DETAIL 2/ M503 FOR PUMP PIPING DETAIL.
2. CHILLED WATER SUPPLY AND CHILLED WATER RETURN TO ROUTE DOWN SHAFT. COORDINATE WITH ALL TRADES PRIOR TO INSTALL.
3. HEATING WATER SUPPLY AND HEATING WATER RETURN TO ROUTE DOWN SHAFT. COORDINATE WITH ALL TRADES PRIOR TO INSTALL.
4. STEAM AND CONDENSATE TO DROP IN SHAFT AS SHOWN. COORDINATE WITH ALL TRADES PRIOR TO INSTALL.
5. RISE PIPE IN NEW FURRED SPACE. FURRED SPACE OPEN TO WARM AREA BELOW.
6. KEEP WALKWAY CLEAR

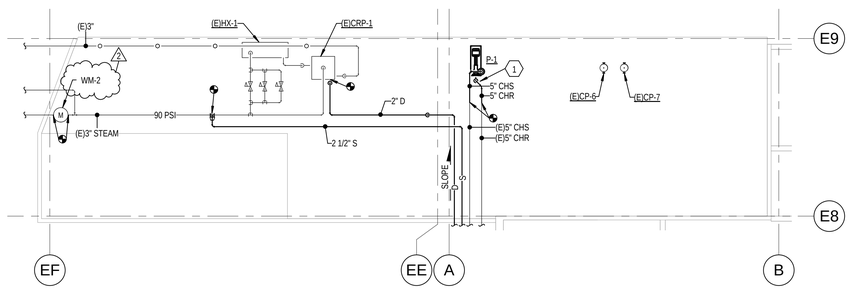
GENERAL NOTES

A. CONTRACTOR TO COORDINATE HEATING WATER SUPPLY AND RETURN PIPE ROUTING WITH ALL OTHER TRADES.

B. SEE REQUIRED DETAIL OF PIPE SLEEVE FOR INSULATED PIPE THRU WALL ON 11/ P501.

C. CONTRACTOR TO COORDINATE THE ELEVATOR EQUIPMENT AND ELECTRICAL ROOM AREAS TO NOT CONTAIN ANY PIPE ROUTING ABOVE.

D. BUILDING EXPANSION JOINT AT GRID 5. PROVIDE FLEXIBLE CONNECTION TO MEET REQUIREMENTS.



3 SECOND FLOOR MECHANICAL ROOM PLAN

SCALE: 1/8" = 1'-0"

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SECOND FLOOR AREA A MECHANICAL PIPING PLAN

M125.1

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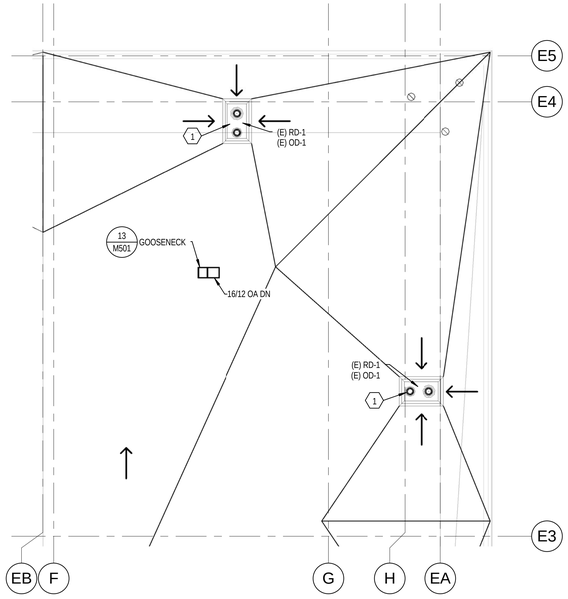


2 ROOF S.E. CORNER MECHANICAL AND PLUMBING PLAN

SCALE: 1/8" = 1'-0"

6' 0' 4' 8' 12' 16'

KEYED NOTES

1 DEMO EXISTING ROOF/OVERFLOW DRAIN AND PROVIDE NEW ROOF/OVERFLOW DRAIN AND CONNECT TO EXISTING PIPING

GENERAL NOTES

A. NO DUCT OR PIPE TO RUN OVER ELECTRICAL PANEL.

B. FIRE/SMOKE DAMPER MOTORS AND MOTORIZED DAMPERS TO BE MOUNTED TO SIDE OF NEAREST CEILING ACCESS HATCH OR OPEN CEILING AREA. PROVIDE 24" X 24" DUCT ACCESS AS REQUIRED. TYPICAL.

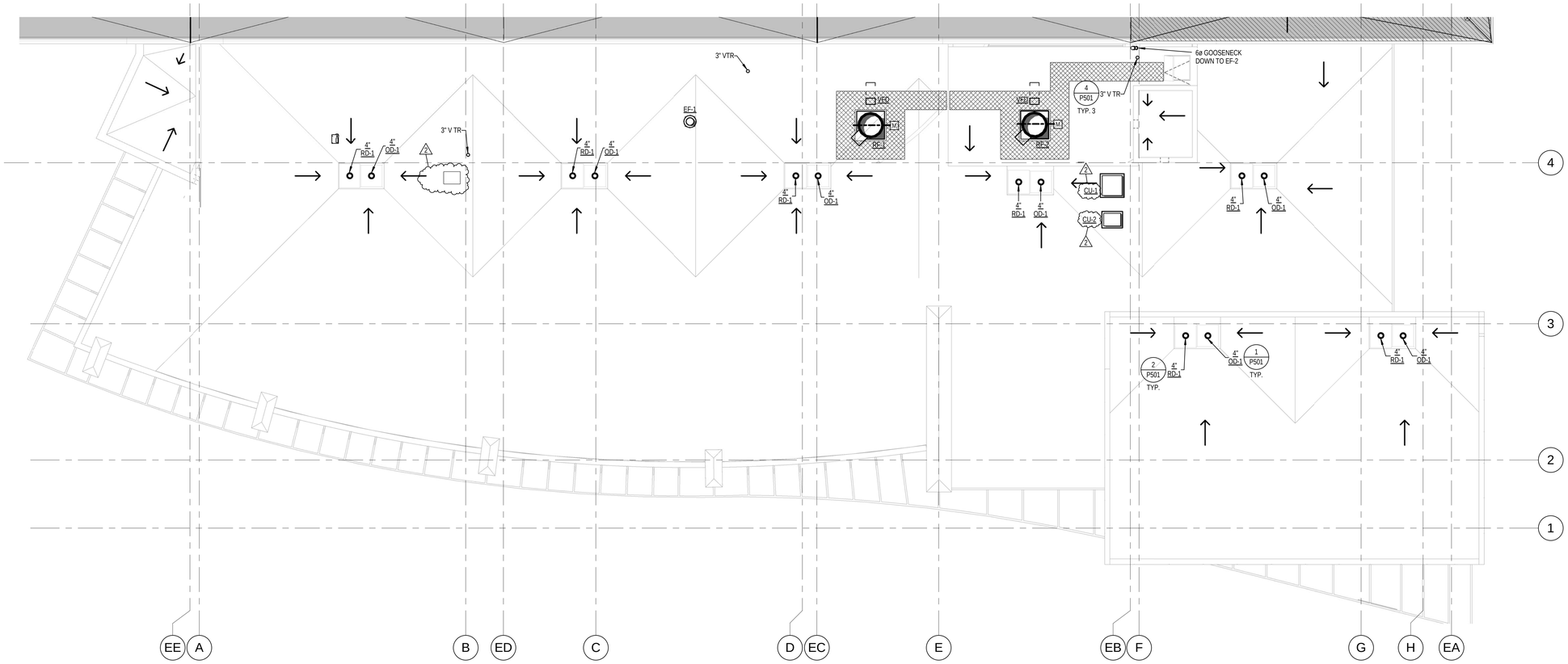
C. COORDINATE DUCTWORK AND EQUIPMENT WITH ALL TRADES.

D. ROUTE 3/4" CONDENSATE DRAINS FOR ALL REQUIRED MECHANICAL EQUIPMENT TO NEAREST FLOOR DRAIN OR SERVICE SINK.

E. BUILDING EXPANSION JOINT AT GRID 5. PROVIDE FLEXIBLE CONNECTION TO MEET REQUIREMENTS.

F. PROVIDE A WATER TIGHT PAN THAT IS 2" DEEP AND 6" LARGER THAN ANY PLUMBING, MECHANICAL PIPING, OR MECHANICAL EQUIPMENT INSTALLED OVER ANY ELECTRICAL EQUIPMENT OR GEAR THAT IS UNAVOIDABLE.

G. DIFFUSERS ALONG GLASS TO BLOW TOWARD GLASS.



1 ROOF AREA C MECHANICAL AND PLUMBING PLAN

SCALE: 1/8" = 1'-0"

6' 0' 4' 8' 12' 16'

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2	10.19.2012	Addendum 3

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ROOF AREA C
MECHANICAL AND
PLUMBING ROOF PLAN

M143.1

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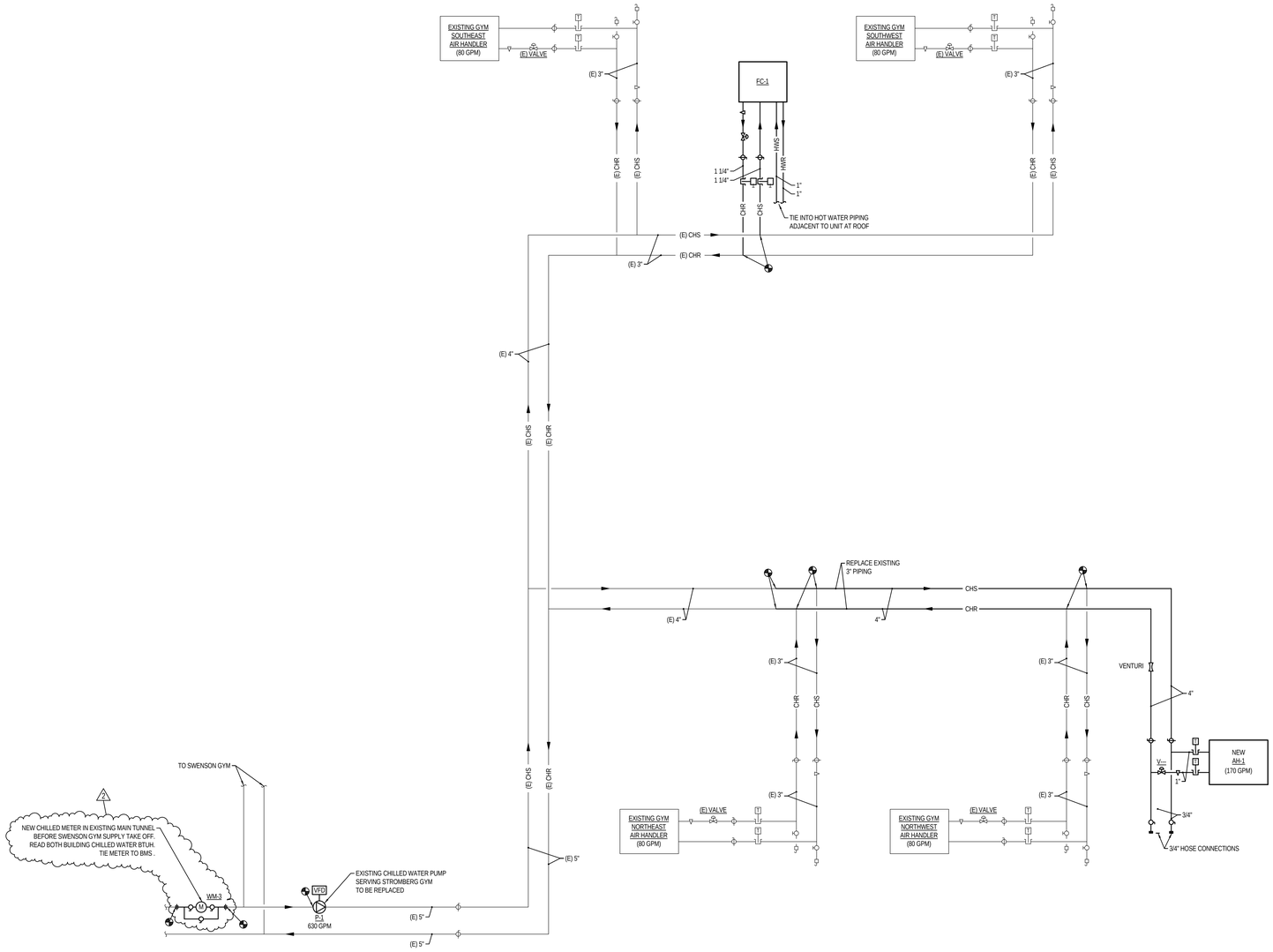

1 CHILLED WATER SCHEMATIC

SCALE: NONE

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SEAL
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SEAL
STATE OF UTAH
REGISTERED PROFESSIONAL ENGINEER
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SCHEMATICS

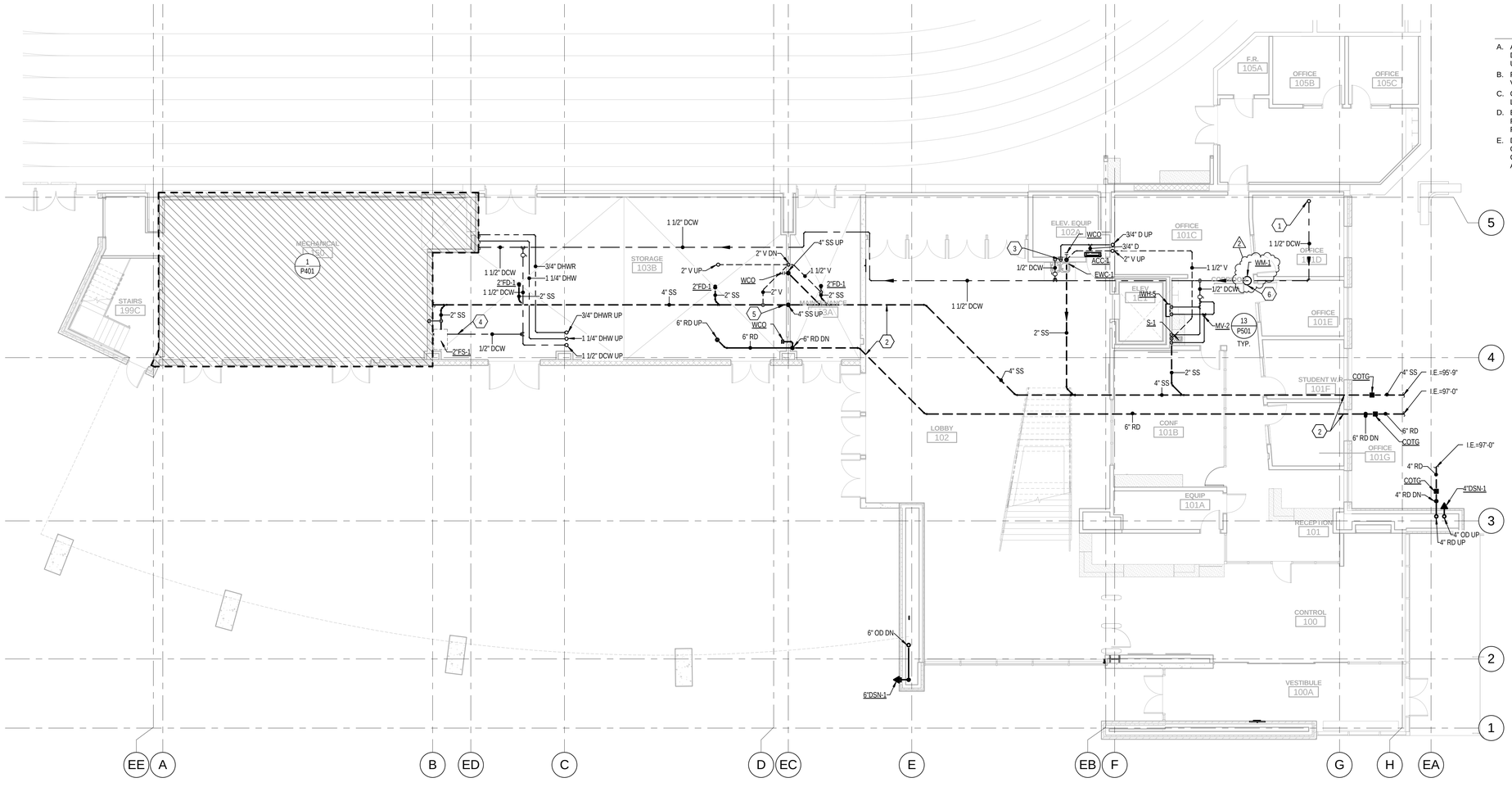
M202

KEYED NOTES

1. DCW DROP DOWN TO BE ABOVE CEILING LEVEL. COORDINATE ON SITE EXACT LOCATION WITH ARCHITECT.
2. PIPE TO ROUTE OVER FOOTING. PROVIDE SLEEVE FOR PENETRATION COORDINATE LOCATION WITH STRUCTURAL PLANS.
3. CONNECT CONDENSATE DRAIN TO TAIL PIECE OF DRAIN TO DRINKING FOUNTAIN.
4. RUN 1/2" COLD WATER TO ICE MACHINE . PROVIDE BACKFLOW PREVENTER, SHUTOFF AND CONNECT AS REQUIRED.
5. CONTRACTOR TO COORDINATE 4" SS LINE TO ROUTE UNDER GRADE BEAM AT LOCATION SHOWN. PIPE INVERT AT 96-10".
6. CONTRACTOR TO PROVIDE A DOMESTIC COLD WATER FLOW METER AT THIS LOCATION.

GENERAL NOTES

A. ALL WASTE, ROOF DRAINS AND OVERFLOW DRAINS TO BE RUN AT 1/8" PER FOOT SLOPE UNLESS NOTED OTHERWISE.
B. PROVIDE ACCESS DOORS TO ALL MIXING VALVES, TRAP PRIMERS, SHUTOFF VALVES, ETC.
C. COORDINATE PLUMBING PIPING ROUTING AND LOCATION WITH ALL TRADES.
D. BUILDING EXPANSION JOINT AT GRID 5. PROVIDE FLEXIBLE CONNECTION TO MEET REQUIREMENTS.
E. DO NOT INSTALL CLEANOUTS ABOVE URINALS OR WATER CLOSETS. COORDINATE ALL CLEANOUT LOCATIONS IN WALLS WITH ARCHITECT.



1 FIRST FLOOR AREA C PLUMBING PLAN
SCALE: 1/8" = 1'-0"

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FIRST FLOOR AREA C PLUMBING PLAN

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CONDENSATE PUMP SCHEDULE (CP)

PLAN CODE	CAP (GPM)	HEAD (FT)	PRESS (PSI)	ELECTRICAL VOLT/ PH	ELECTRICAL HP	DISCHARGE SIZE (IN)	INLET SIZE (IN)	RECEIVER CAPACITY (GAL)	MAX DIMENSIONS L (IN)	MAX DIMENSIONS W (IN)	MAX DIMENSIONS H (IN)	MANUFACTURER & MODEL NO
CP-1	1	4-6	8	115/1	1/30	1/2""	1/2"	1/4	12	5	5	LITTLE GIANT

EXPANSION TANK SCHEDULE (PET)

PLAN CODE	SYSTEM SERVED	WATER TEMP. (°F)	% GLYCOL	TANK VOL. (GAL)	ACCEPTANCE VOL. (GAL)	PRE-CHARGE (PSI)	MAX. DIMENSIONS DIA. (IN.)	MAX. DIMENSIONS H (IN.)	MAX. DIMENSIONS OPERATING WT. (LBS)	MANUFACTURER & MODEL NO.	REMARKS
PET-1	DOMESTIC WATER	140	0	3.2	1.9	50	9	15	25	AMTROL ST-8	-

WATER METER SCHEDULE (WM)

PLAN CODE	SERVICE	FLOW RANGE (GPM)	TYPE	SENSOR	ELECTRIC VOLT/ PH	MANUFACTURER & MODEL NO
WM-1	DOMESTIC COLD WATER	2 - 60	MULTI JET	HALL-EFFECT SENSOR	120/1	-
~~HWR~~		~~2 - 40~~	~~MULTI JET~~ OMIT	~~HALL-EFFECT SENSOR~~	~~120/1~~	
WM-2	STEAM	-	MULTI JET	HALL-EFFECT SENSOR	120/1	-
WM-3	CHILLED WATER	2 -200	MULTI JET	HALL-EFFECT SENSOR	120/1	-

2

DOMESTIC HOT WATER RECIRCULATION PUMP SCHEDULE

PLAN CODE	DUTY	GPM	FEET OF HEAD	PUMP RPM	MOTOR H.P.	MOTOR VOLTAGE & PHASE	MANUFACTURER & MODEL NO.	REMARKS
DCP-1	DOMESTIC HOT WATER RECIRC.	5	15	3500	0.12	120/1	BELL & GOSSETT PL36	INLINE BRONZE

MIXING VALVE SCHEDULE (MV) (1)(2)

PLAN CODE	AREA SERVED	INLET SIZE	OUTLET SIZE	MINIMUM FLOW GPM	MAXIMUM FLOW GPM	MANUFACTURER & MODEL NO.
MV-1	MASTER MECHANICAL ROOM	1"	1"	0.5	13.5	LEONARD 470
MV-2	POINT OF USE	3/8"	3/8"	0.5	5	LEONARD 170-LF
MV-3	EXISTING BLDG POINT OF USE	3/8"	3/8"	0.5	5	LEONARD 170-LF
MV-4	EXISTING BLDG POINT OF USE	3/8"	3/8"	0.5	5	LEONARD 170-LF

(1) PROVIDE STAINLESS STEEL STRAINER, PORTS AND INTERNALS. (2) ASSE 1070

PLUMBING FIXTURE SCHEDULE

PLAN CODE	DESCRIPTION	ROUGH-IN SIZE C.W.	H.W.	TEMPERED	WASTE	VENT	STORM	MANUFACTURE
WC-1	WATER CLOSET, WALL MOUNT, MANUAL DUAL FLUSH VALVE, CLASS 5 FLUSHING SYSTEM, ELONGATED BOWL, VITREOUS CHINA 1.28 GPF	1"	-	-	4"	2"	-	AMERICAN STANDARD "AFWALL FLOWISE" 3351.128 SEAT: OLSONITE #95C FLUSH VALVE: ZURN Z 6000 AV-WSI_DF DUAL FLUSH OR EQUIVALENT COLOR: WHITE SEE ARCHITECTURAL PLANS FOR MOUNTING HEIGHT.
WC-2	WATER CLOSET, ADA COMPLIANT, WALL MOUNT, MANUAL DUAL FLUSH VALVE, CLASS 5 FLUSHING SYSTEM, ELONGATED BOWL, VITREOUS CHINA 1.28 GPF	1"	-	-	4"	2"	-	AMERICAN STANDARD "AFWALL FLOWISE" 3351.128 SEAT: OLSONITE #10SSC FLUSH VALVE: ZURN Z 6000 AV-WSI_DF DUAL FLUSH OR EQUIVALENT COLOR: WHITE SEE ARCHITECTURAL PLANS FOR MOUNTING HEIGHT.
U-1	URINAL, VITREOUS CHINA, SIPHON JET, MANUAL FLUSH VALVE, 1/4 GPF	3/4"	-	-	2"	1 1/2"	-	AMERICAN STANDARD "WASHBROOK" 6501.610 FLUSH VALVE: ZURN Z6003AV-ULF COLOR: WHITE SEE ARCHITECTURAL PLANS FOR MOUNTING HEIGHT.
U-2	URINAL, ADA COMPLIANT, VITREOUS CHINA, SIPHON JET, MANUAL FLUSH VALVE, 1/4 GPF	3/4"	-	-	2"	1 1/2"	-	AMERICAN STANDARD "WASHBROOK" 6501.610 FLUSH VALVE: ZURN Z6003AV-ULF COLOR: WHITE SEE ARCHITECTURAL PLANS FOR MOUNTING HEIGHT.
L-1	ROUND, ADA COMPLIANT, VITREOUS CHINA, UNDER COUNTER MOUNTED LAVATORY, MANUAL TWO HANDLE FAUCET, GRID DRAIN 0.5 GPM FLOW	1/2"	1/2"	-	1 1/2"	1 1/2"	-	AMERICAN STANDARD OVALYN FAUCET: MOEN 8211 WITH 0.5 GPM AERATOR WITH DRAIN ASSEMBLY. OR EQUAL
S-1	SINGLE COMPARTMENT, RECTANGULAR STAINLESS STEEL, COUNTER MOUNT SINK, GOOSENECK SWING SPOUT WITH WING HANDLES, 0.5 GPM 18 GA.	1/2"	1/2"	-	1 1/2"	1 1/4"	-	BOWL: ELKAY DLFR 1918 FAUCET: MOEN CA8940 STRAINER: ELKAY LK-35 . OR EQUAL BOWL DEPTH: 10"
SH-1	SINGLE LEVER, ADA COMPLIANT, PRESSURE BALANCING MIXING VALVE, SHOWER HEAD, HAND SPRAYER, 1.5 GPM	1/2"	1/2"	-	1 1/2"	1 1/2"	-	SYMMONS #96-500-B30-L-V-X-295 WITH HAND SPRAY, WALL SHOWER HEAD, AND BAR SLIDE. PROVIDE WITH LOW FLOW SHOWER HEAD AND LOW FLOW HAND SPRAY. PROVIDE WITH J.R. SMITH MANUFACTURING COMPANY FIG. 2005Y DUCO CAST IRON FLOOR DRAIN. DRAIN TO BE PROVIDED WITH 2" OUTLET, ROUND NICKEL BRONZE STRAINER HEAD, SEDIMENT BUCKET, AND VANDAL PROOF SCREWS. STRAINER HEAD MUST BE HEEL PROOF. SHOWER HEAD TO BE OXIGENICS OR EQUAL.
SH-2	SINGLE LEVER, PRESSURE BALANCING MIXING VALVE, SHOWER HEAD, 1.5 GPM	1/2"	1/2"	-	1 1/2"	1 1/2"	-	SYMMONS #96-500-B30-L-V-X-295 LOW FLOW SHOWER HEAD WITH SINGLE HANDLE PRESSURE BALANCING VALVE. PROVIDE WITH J.R. SMITH MANUFACTURING COMPANY FIG. 2005Y DUCO CAST IRON FLOOR DRAIN. DRAIN TO BE PROVIDED WITH 2" OUTLET, ROUND NICKEL BRONZE STRAINER HEAD, SEDIMENT BUCKET, AND VANDAL PROOF SCREWS. STRAINER HEAD MUST BE HEEL PROOF. SHOWER HEAD TO BE OXIGENICS OR EQUAL.
DF-1	ADA COMPLIANT, BARRIER FREE, STAINLESS STEEL, SURFACE MOUNT ELECTRIC WATER COOLER WITH BOTTLE FILLING STATION	3/8"	-	-	1 1/2"	1 1/4"	-	ELKAY #LZSTL8WSLK (ADA), BI-LEVEL FILTERED COOLER WITH BOTTLE FILLING STATION. 15 AMP, 115 VOLT, 60 HZ, SINGLE PHASE.
SS-1	SERVICE SINK, MOLDED STONE, WITH RIM GUARD, 3" GRID DRAIN AND FAUCET WITH VACUUM BREAKER, HANDLES, LOOSE KEY STOPS, BOTTOM BRACE, CHROME FINISH.	3/4"	3/4"	-	3"	2"	-	SINK: FIAT MSB-2424 WITH 1453-BB STRAINER AND E-77-AA RIM GUARD. FAUCET: MOEN 8230 WITH TOP BRACE AND VACUUM BREAKER. OR EQUAL
FD-1	FLOOR DRAIN (INDOOR FINISHED AREA USE)	-	-	-	SEE PLANS	1 1/2"	-	J.R. SMITH MANUFACTURING COMPANY FIG. 2005Y DUCO CAST IRON FLOOR DRAIN. DRAIN TO BE PROVIDED WITH SQUARE NICKEL BRONZE STRAINER HEAD, DEEP SEAL P-TRAP AND VANDAL PROOF SCREWS. TRAP PRIMER CONNECTION CAPPED IF NOT USED, STRAINER HEAD MUST BE HEEL PROOF, DEEP SEAL TRAP. OR EQUAL.
FS-1	FLOOR SINK	-	-	-	SEE PLANS	1 1/2"	-	J.R. SMITH MANUFACTURING COMPANY FIG. 3150-Y-ASB SQUARE FLOOR SINK. FLOOR SINK SHALL BE OF CAST IRON CONSTRUCTION WITH ENAMEL INTERIOR FINISH, MINIMUM INTERIOR DIMENSIONS OF 12"x12"x8"D. PROVIDE WITH NICKEL BRONZE GRATE AND DEEP SEAL P-TRAP. SEE FOOD SERVICE EQUIPMENT PLANS FOR GRATE REQUIRED IN KITCHEN. OR EQUAL. PROVIDE HEAVY DUTY GRATE IN MECHANICAL ROOMS.
WCO	WALL CLEANOUT	-	-	-	-	4"	-	J.R. SMITH MANUFACTURING COMPANY SERIES 4530, CAST IRON CLEANOUT TEE, ABS PLUG, STAINLESS STEEL COVER WITH VANDAL PROOF SECURITY SCREWS. OR EQUAL.
FCO	FLOOR CLEANOUT	-	-	-	-	4"	-	J.R. SMITH MANUFACTURING COMPANY SERIES 4020, CAST IRON ADJUSTABLE BODY, ABS PLUG, VANDAL PROOF SECURITY SCREWS. OR EQUAL.
RD-1	ROOF DRAIN - PRIMARY	-	-	-	-	-	SEE PLANS	J.R. SMITH MODEL 1010C-CID LARGE GENERAL PURPOSE ROOF DRAIN. ROOF DRAIN SHALL BE PROVIDED WITH DUCO CAST IRON BODY, REVERSIBLE COLLAR, COMBINED FLASHING CLAMP AND GRAVEL STOP WITH NEOPRENE GASKET, CAST IRON DOME, SUMP RECEIVER, UNDERDECK CLAMP, TWO PIECE BODY WITHOUT ADJUSTABLE EXTENSION AND VANDAL PROOF SECURITY SCREWS, OR EQUAL.
OD-1	ROOF DRAIN - SECONDARY	-	-	-	-	-	SEE PLANS	J.R. SMITH MODEL 1010C-CID GENERAL PURPOSE OVERFLOW DRAIN. OVERFLOW DRAIN SHALL BE PROVIDED WITH DUCO CAST IRON BODY, REVERSIBLE COLLAR, COMBINED FLASHING CLAMP AND GRAVEL STOP WITH NEOPRENE GASKET, CAST IRON DOME, SUMP RECEIVER, UNDERDECK CLAMP, TWO PIECE BODY WITHOUT ADJUSTABLE EXTENSION, VANDAL PROOF SECURITY SCREWS, OR EQUAL. MOUNT 2" HIGHER THAN RD-1.
DSN-1	DOWN SPOUT NOZZLE	-	-	-	-	-	SEE PLANS	J.R. SMITH SERIES 1770 WITH WALL FLANGE. PROVIDE BIRD SCREEN.
SC-1	SILLCOCK (OUTDOOR FREEZE PROOF USE)	3/4"	-	-	-	-	-	WOODFORD MANUFACTURING CO. MODEL 65 (OR EQUAL) WALL MOUNTED ANTI-SIPHON AUTOMATIC DRAINING FREEZELESS WALL HYDRANT. WALL HYDRANT SHALL BE PROVIDED WITH LOOSE KEE SHUTOFF, 3/4" INLET AND 3/4" MALE HOSE THREAD OUTLET. EXTERIOR FINISH SHALL BE CHROME PLATED. VANDAL PROOF OR EQUAL
HB-1	HOSE BIBB - WALL MOUNTED (INDOOR FINISHED AREA USE)	3/4"	-	-	-	-	-	CHICAGO FAUCETS MODEL 952.CP, BRASS CONSTRUCTION HOSE BIB, CHROME PLATED FINISH, VACUUM BREAKER, 3/4" HOSE THREAD, WALL FLANGE, LOOSE KEY OPERATOR. VANDAL PROOF OR EQUAL
HB-2	HOSE BIBB - WALL MOUNTED (MECHANICAL ROOM USE)	3/4"	3/4"	-	-	-	-	WOODFORD MODEL 40HT, BRASS CONSTRUCTION HOSE BIBB, MODEL 34HF ANTI-SIPHON VACUUM BREAKER, BRASS LEVER HANDLE ADJUSTABLE WALL FLANGE, ADJUSTABLE BRASS PACKING NUT WITH DEEP STEAM GUARD. VANDAL PROOF OR EQUAL
SA-1	SHOCK ARRESTOR	3/4"	3/4"	-	-	-	-	PRECISION PLUMBING PRODUCTS SC-750. VANDAL PROOF OR EQUAL

ELECTRIC WATER HEATER SCHEDULE (WH)

PLAN CODE	CAP (GAL)	RECOVERY @ ELEV (GPH)	INPUT (KW)	TEMP RISE (°F)	MAX DIMENSIONS DIA (IN)	MAX DIMENSIONS HEIGHT (IN)	VOLT/ PH	AMPS	MAX OPERATING WT (LBS)	MANUFACTURER & MODEL NO	REMARKS
WH-1	119	369	90*	100	30	65	480 / 3	108	200	A.O. SMITH DSE - 120	MECHANICAL ROOM
WH-2	119	369	90*	100	30	65	480 / 3	108	200	A.O. SMITH DSE - 120	MECHANICAL ROOM
WH-3	-	-	4.1	-	5.25	10.75	277 / 1	15	10	EEMAX EX4277T	INSTANTANEOUS SOUTH EAST EXISTING RESTROOM
WH-4	-	-	4.1	-	5.25	10.75	277 / 1	15	10	EEMAX EX4277T	INSTANTANEOUS NORTH EAST EXISTING RESTROOM
WH-5	-	-	4.1	-	5.25	10.75	277 / 1	15	10	EEMAX EX4277T	INSTANTANEOUS AREA C

* NOTE: EACH IMMERSION HEATER CONTAINS THREE ELECTRIC ELEMENTS.

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DFCM CODE COMPLIANCE STAMP

Student Activity Center
Stromberg Addition - BID SET
Weber State University
3750 Harrison Blvd. Ogden, UT 84408

Rev #	Date	Description
2	10.19.2012	Addendum 3

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PLUMBING SCHEDULES

P601

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POWER SYSTEMS SYMBOL LIST

SYMBOL	DESCRIPTION
	DUPLEX CONVENIENCE OUTLET - 20 AMP
	DUPLEX CONVENIENCE OUTLET - 20 AMP GROUND FAULT INTERRUPTER
	4-PLEX CONVENIENCE OUTLET - 20 AMP
EWC	DUPLEX CONVENIENCE OUTLET - 20 AMP ELECTRIC WATER COOLER
	SPECIAL PURPOSE SINGLE PHASE OUTLET
	SPECIAL PURPOSE THREE PHASE OUTLET
J	JUNCTION BOX - SIZE AND FUNCTION AS REQUIRED
	PUSH BUTTON SWITCH
	NON FUSED DISCONNECT SWITCH - SIZE AS REQUIRED
	FUSED DISCONNECT SWITCH - SIZE AS REQUIRED
S	COMBINATION STARTER/FUSED DISCONNECT SWITCH - SIZE AS REQUIRED
	CIRCUIT BREAKER DISCONNECT - SIZE AS REQUIRED
	MOTOR LOCATION
ST	MANUAL DISCONNECT WITH THERMAL OVERLOAD PROTECTION
	ELECTRICAL PANEL LOCATION
M	ELECTRICAL METER LOCATION

FIRE ALARM SYSTEM SYMBOL LIST

SYMBOL	DESCRIPTION
S XXX	SMOKE DETECTOR (XXX - ADDRESS)
S D	DUCT SMOKE DETECTOR
FS	FLOW SWITCH
TS	TAMPER SWITCH
	HORN
	HORN STROBE
	STROBE ONLY
F	HAND PULL STATION
FACP	FIRE ALARM CONTROL PANEL
	HEAT DETECTOR
FSD	FIRE/SMOKE DAMPER
	FIRE FIGHTER PHONE

CALLOUT SYMBOL LIST

SYMBOL	DESCRIPTION
T-X X	LIGHTING FIXTURE CALLOUT NUMBER INDICATES A SUGGESTED QUANTITY- TO BE VERIFIED
XX-X	MECHANICAL EQUIPMENT CALLOUT
X E-XXX	DETAIL REFERENCE CALLOUT
X XXX	ELEVATION DETAIL CALLOUT
X XXX	SECTION DETAIL CALLOUT
X X	REFERENCE NOTE CALLOUT
	POINT OF CONNECTION TO EXISTING
	POINT OF REMOVAL FROM EXISTING

ABBREVIATIONS SYMBOL LIST

SYMBOL	DESCRIPTION
W.P.	INDICATES WEATHER PROOF EQUIPMENT
E	INDICATES DEVICE IS ON EMERGENCY CIRCUIT.
CLG	INDICATES CEILING MOUNTED DEVICE
UPS	UNINTERRUPTIBLE POWER SUPPLY
A.T.C.	AUTOMATIC TEMPERATURE CONTROL PANEL
M.M.C.	MULTI MEDIA CABINET
T.V.SS.	TRANSIENT VOLTAGE SURGE SUPPRESSER
F.A.C.P.	FIRE ALARM CONTROL PANEL
F.A.R.A.P.	FIRE ALARM REMOTE ANNUNCIATOR PANEL
F.A.N.E.P.	FIRE ALARM NETWORK EXPANDER PANEL

LIGHTING SYSTEM SYMBOL LIST

SYMBOL	DESCRIPTION
J	LAY-IN FLUORESCENT FIXTURE
J	SURFACE MOUNTED FLUORESCENT FIXTURE
E	EMERGENCY LIGHTING
E.N.L	EMERGENCY NIGHT LIGHT
J	FLUORESCENT STRIP LIGHT FIXTURE
	RECESSED FIXTURE
	RECESSED WALL WASH LIGHT FIXTURE
	RECESSED MOUNTED LIGHT FIXTURE
	PENDANT MOUNTED LIGHT FIXTURE
	WALL MOUNTED FIXTURE
	SURFACE MOUNTED FIXTURE
	WALL SCONCE LIGHT FIXTURE
	EXIT LIGHT. ARROWS SHOW EXIT DIRECTION
	WALL MOUNTED CAN LIGHT FIXTURE
	WALL MOUNTED FLOOD LIGHT FIXTURE
	POLE LIGHT FIXTURE
$	SINGLE POLE TOGGLE SWITCH - 20 AMP
$3	THREE WAY TOGGLE SWITCH - 20 AMP
$a,b	SINGLE POLE TOGGLE SWITCH - 20 AMP, LETTERS INDICATE SWITCH ASSIGNMENT
D	DIMMER SWITCH
	WALL MOUNTED OCCUPANCY SENSOR
	CEILING MOUNTED OCCUPANCY SENSOR
T-X X	LIGHTING FIXTURE CALLOUT. NUMBER INDICATES A SUGGESTED QUANTITY- TO BE VERIFIED
X X	REFERENCE NOTE CALLOUT

COMMUNICATION SYSTEMS SYMBOL LIST

SYMBOL	DESCRIPTION
	TELEPHONE TERMINAL BOARD
	PAGING PHONE OUTLET
	FLUSH TELE/DATA OUTLET
C	CLOCK LOCATION
X X	REFERENCE NOTE CALLOUT

GENERAL NOTES:

1. ALL MATERIALS TO BE REMOVED AND RETURNED TO THE OWNER. MATERIALS WHICH THE OWNER DECIDES NOT TO KEEP SHALL BE SALVAGED AND REMOVED FROM THE SITE BY THE CONTRACTOR.
2. ALL CONCEALED CONDUIT THAT CANNOT BE REMOVED SHALL BE CUT FLUSH WITH THE FINISH SURFACES AND CAPPED OFF AFTER THE WIRING HAS BEEN DISCONNECTED AT THE PANEL AND REMOVED FROM THE CONDUIT.
3. IN AREAS WHERE CIRCUIT CONTINUITY IS INTERRUPTED, BUT MUST BE MAINTAINED TO THE DEVICES WHICH ARE TO REMAIN, MAKE ALL THE NECESSARY MODIFICATIONS TO THE CIRCUITS IN ORDER TO MAINTAIN THE CIRCUIT INTEGRITY.
4. THE CONTRACTOR SHALL PATCH THE WALLS AND CEILINGS WHERE THE DEVICES ARE REMOVED TO MATCH THE EXISTING WALLS AND CEILINGS. COORDINATE WITH GENERAL CONTRACTOR.
5. REFER TO THE ARCHITECTURAL REFLECTED CEILING PLANS FOR THE EXACT LOCATION OF ALL LIGHTING FIXTURES.
6. THE COLOR OF THE LIGHT FIXTURES SHALL BE SELECTED BY THE ARCHITECT.
7. COORDINATE WITH THE OWNER AND ARCHITECT FOR THE EXACT LOCATION OF THE OUTLETS.
8. PRIOR TO SUBMITTING A BID THE ELECTRICAL CONTRACTOR SHALL INSPECT THE SITE AND INCLUDE IN HIS BID PACKAGE ALL CHARGES DUE TO EXISTING CONDITIONS. SHOP DRAWINGS ARE REQUIRED. ALL LABOR, MATERIAL AND WORKMANSHIP SHALL BE GUARANTEED FOR A PERIOD OF 1 YEAR FROM THE DATE OF ACCEPTANCE BY THE TENANT. REPLACE OR REPAIR ALL DEFECTS DURING THE GUARANTEED PERIOD.
9. THE CONTRACTOR SHALL INFORM THE ARCHITECT/ENGINEER IN WRITING OF ANY DISCREPANCIES FOUND BETWEEN THE INTENDED FUNCTION OF EQUIPMENT AND EQUIPMENT SPECIFIED IN THE CONTRACT DOCUMENTS A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO ISSUANCE OF THE FINAL BID. FAILURE TO REPORT ANY DISCREPANCY (CATALOG NUMBERS, DISCONTINUED ITEMS, ETC.) DOES NOT RELIEVE THE CONTRACTOR FROM PROVIDING EQUIPMENT WHICH SHALL CONFORM TO AND FULFILL THE INTENT OF THE CONTRACT DOCUMENTS, NOR SHALL IT BE USED AS A CONDITION TO OBTAIN ADDITIONAL FUNDS FROM THE OWNER AFTER THE CONTRACT IS AWARDED. THE CONTRACTOR SHALL REQUEST ALL CLARIFICATIONS OF CONTRACT DOCUMENT REQUIREMENTS IN WRITING TO THE ARCHITECT/ENGINEER A MINIMUM OF FIVE (5) WORKING DAYS PRIOR TO ISSUANCE OF THE FINAL BID.
10. REFER TO THE MECHANICAL SHEETS FOR THE EXACT LOCATION OF THE MECHANICAL EQUIPMENT.
11. THE ELECTRICAL CONTRACTOR SHALL NOTIFY AND COORDINATE WITH THE MECHANICAL CONTRACTOR SO THAT NO PIPING, DUCTS, OR OTHER EQUIPMENT SHALL BE INSTALLED IN ENTRY OR PASS THROUGH ELECTRICAL ROOM OR SPACES ABOVE OR BELOW ELECTRICAL PANELS.
12. ELECTRICAL CONTRACTOR SHALL VERIFY ALL ELECTRICAL LOADS (VOLTAGE, PHASE, CONNECTION REQUIREMENT, ETC.) OF EQUIPMENT FURNISHED UNDER OTHER DIVISIONS WITH APPROVED SHOP DRAWINGS PRIOR TO BEGINNING ROUGH-IN.
13. MINIMUM SIZE OF CONDUIT TO BE 3/4". ALUMINUM CONDUITS SHALL NOT BE USED.
14. USE RIGID STEEL SET SCREW TYPE FITTINGS ONLY. DIE CAST FITTINGS SHALL NOT BE USED.
15. RUN A NEUTRAL CONDUCTOR FOR EACH PHASE CONDUCTOR (EACH CIRCUIT) IN A CONDUIT. NOT MORE THAN THREE (3) CIRCUITS IN A CONDUIT. THREE (3) PHASE CONDUCTORS, THREE (3) NEUTRAL CONDUCTORS (ONE FOR EACH PHASE) AND ONE (1) GROUND CONDUCTOR FOR A TOTAL OF SEVEN (7) CONDUCTORS.
16. FOR SPECIFICATION OF PULL WIRES IN EMPTY CONDUITS, REFER TO THE ELECTRICAL SPECIFICATION FOR RACEWAYS SECTION 16110.
17. THE MINIMUM SIZE OF THE CONDUCTORS ARE TO BE #12 AWG THHN COPPER, UNLESS INDICATED OTHERWISE ON THE DRAWINGS.
18. ALL J-BOXES SHALL HAVE MINIMUM DEPTH OF 2-1/8" UNLESS OTHERWISE SPECIFIED. SECURE ALL J-BOXES AS SHOWN IN THE DETAILS. FURNISH AND INSTALL PROPER MUD RINGS.
19. ALL NEW EXPOSED CONDUIT MUST RUN AGAINST THE WALLS OR CEILINGS. DO NOT PENDANT MOUNT ANY CONDUIT FROM THE CEILINGS.
20. ALL THE HOMERUNS MUST BE ACCESSIBLE IN THE CEILING PLENUM. DO NOT CARRY A HOMERUN FROM ONE DEVICE TO ANOTHER WHICH IS TIED TO A SEPARATE HOMERUN INSIDE THE WALL. MARK ON ALL THE J-BOXES THE CIRCUIT NAMES AND NUMBERS.
21. AT THE END OF THE JOB, PROVIDE BLANK COVER PLATES TO MATCH THE OTHER COVER PLATES FOR ALL J-BOXES WHERE DEVICES HAVE NOT YET BEEN INSTALLED.
22. SEAL AROUND ALL CONDUIT PENETRATIONS THROUGH FIRE RATED WALLS AND CEILINGS WITH FIRE RATED MATERIAL. 3M IS AN APPROVED MANUFACTURER.
23. ALL ELECTRICAL WIRING MUST BE IN CONDUIT (ROMEX AND MC CABLE NOT PERMITTED).
24. FLEXIBLE CONDUITS CAN ONLY BE USED FOR SHORT RUNS (6' MAXIMUM).
25. NO CONDUITS SHALL RUN IN DUCT WORK.
26. THE ELECTRICAL CONTRACTOR SHALL TERMINATE THE ELECTRICAL CONNECTIONS TO ALL THE EQUIPMENT BY PROVIDING THE NECESSARY MALE/FEMALE CONNECTOR, RECEPTACLE, PLUG, ETC.
27. USE NO. 10 THHN CONDUCTORS FOR CONDUCTOR LENGTH OVER 100 FEET, NO. 8 THHN OVER 200 FEET, NO. 6 THHN OVER 300 FEET AND NO. 4 THHN OVER 400 FEET LENGTH.
28. ALL CONDUITS EXPOSED TO THE WEATHER SHALL BE GALVANIZED RIGID STEEL, UNLESS OTHERWISE NOTED.
29. THE FIRST 10' LENGTH OF ALL BURIED CONDUIT OVER 1" SHALL BE RIGID GALVANIZED STEEL WHERE THEY ARE LEAVING OR ENTERING THE BUILDING, ETC.
30. ALL METALLIC CONDUITS, JOINTS, FITTINGS, ETC., IN CONTACT WITH THE GROUND SHALL BE RIGID METALLIC AND SPIRALLY WRAPPED WITH 3M SCOTCHRAP-51, 10 MIL TAPE (OR APPROVED EQUAL). 1/2" OVERLAP IS REQUIRED.
31. ALL UNDERGROUND CONDUIT SHALL BE BURIED 24" MINIMUM UNDER THE GROUND.
32. PROVIDE TYPED LABEL FOR ALL DUPLEX OUTLETS AND LIGHT SWITCHES TO INDICATE WHICH CIRCUIT THEY ARE TIED TO.
33. ALL DUPLEX OUTLETS SHALL BE 20 AMP., 120 VOLT SPEC GRADE. ALL LIGHT SWITCHES ARE TO BE 20 AMP., 277 VOLT SPEC GRADE. HUBBELL AND PASS & SEYMOUR AND LEVITON ARE APPROVED MANUFACTURERS.
34. LIGHT SWITCHES INSTALLED ADJACENT TO EACH OTHER, SHALL BE GANGED TOGETHER WITH ONE PIECE COVERPLATE.
35. INSTALL LIGHT SWITCHES AS CLOSE AS POSSIBLE TO THE DOOR. COORDINATE EXACT LOCATION OF LIGHT SWITCHES WITH ARCHITECT.
36. SUPPORT THE LAY-IN TYPE FIXTURES FROM THE CEILING DECK INDEPENDENT OF THE CEILING GRID, AS SHOWN ON THE TYPICAL RECESSED FIXTURE MOUNTING DETAIL.
37. INSTALL EXIT SIGNS ON THE WALL IF POSSIBLE.
38. ALL PANELBOARDS SHALL HAVE FULL SIZE ISOLATED NEUTRAL AND GROUND COPPER BUS BARS.
39. USE EPOXY ANCHORS TO SUPPORT THE ELECTRICAL EQUIPMENT. EXPANSION ANCHOR BOLTS ARE NOT ACCEPTED.
40. ALL PANELS SHALL HAVE COPPER BUSSES AND SHALL BE BRACED FOR A MINIMUM OF 10,000 AIC OR AS SPECIFIED.
41. SWITCHBOARDS AND PANELBOARDS SHALL BE FIELD MARKED TO WARN QUALIFIED PERSONS OF POTENTIAL ELECTRIC ARC FLASH HAZARDS. THE MARKING SHALL BE LOCATED SO AS TO BE CLEARLY VISIBLE TO QUALIFIED PERSONS BEFORE EXAMINATION, ADJUSTMENT, SERVICING, OR MAINTENANCE OF THE EQUIPMENT. (NEC 110-16)
42. PROVIDE UPDATED, TYPED WRITTEN, PANEL SCHEDULES FOR NEW AND EXISTING PANELBOARDS SHOWING CIRCUIT CHANGES MADE DURING THIS PROJECT.
43. ALL DISCONNECTS, J-BOXES AND CONDUITS EXPOSED TO THE OUTSIDE WEATHER SHALL BE NON-CORROSIVE, WEATHER PROOF TYPE.
44. ALL DISCONNECTS SHALL BE HEAVY DUTY TYPE.
45. TO MINIMIZE NUMBER OF FALSE FIRE ALARM DURING CONSTRUCTION, THE CONTRACTOR SHALL CAP SMOKE DETECTORS IN AREAS ADJACENT TO WORK SITE WHILE DUST-GENERATING WORK IS PERFORMED. THESE CAPS SHALL BE REMOVED AT END OF WORKDAY. COORDINATE THE EXTENT OF DEVICE CAPPING REQUIRED WITH CAMPUS FIRE MARSHALL. A LOG SHALL BE KEPT SHOWING THAT ALL CAPS ARE REMOVED AND ACCOUNTED FOR.
46. IF, FOR ANY REASON FIRE ALARM SYSTEM CANNOT BE RETURNED TO SERVICE AT THE END OF WORK DAY THE CAMPUS FIRE MARSHALL MUST BE NOTIFIED. CONTRACTOR SHALL PROVIDE FIRE WATCH AT NO ADDITIONAL COST TO THE OWNER.
47. UPDATE THE BUILDING FIRE ALARM SCHEMATIC DRAWINGS TO SHOW LOCATIONS OF NEW AND EXISTING FIRE ALARM DEVICES CHANGED DURING THIS PROJECT. FIRE ALARM SYSTEM SHALL BE TESTED FOR PROPER OPERATION AT THE END OF THE PROJECT. ALL TESTS AND REPORTS SHALL BE COMPLIANT WITH NFPA 72 CHAPTER 7. COORDINATE TESTING WITH THE OWNER AND FIRE MARSHALL.
48. PAINT ALL THE J-BOXES FOR FIRE ALARM SYSTEM WITH RED PAINT. ALL THE CONDUIT FOR FIRE ALARM SYSTEM SHALL BE RED.
49. ALL NEW WORK MUST MEET THE CURRENT ADOPTED NATIONAL ELECTRICAL CODE.
50. ALL MATERIALS USED IN THIS INSTALLATION SHALL BE U.L. APPROVED AND NEW.
51. TEMPORARY ELECTRICAL SERVICE IS TO BE PROVIDED BY THE ELECTRICAL CONTRACTOR AND REMOVED BY THE ELECTRICAL CONTRACTOR.
52. DETAILS ARE SHOWN ON DIFFERENT SHEETS. THE CONTRACTOR SHALL REFER TO THOSE DETAILS WHETHER OR NOT CALLED IN REFERENCE NOTES.
53. CONTRACT DOCUMENTS SHALL TAKE PRECEDENCE OVER SHOP DRAWINGS UNLESS SPECIFICALLY NOTED OTHERWISE.
54. ALL FLOORS SHALL BE SCANNED FOR NEW HOLES IN EXISTING CONCRETE SLABS WITH GROUND PENETRATING RADAR. METHOD OF PROCEDURE IS REQUIRED AND SHALL BE APPROVED BY STRUCTURAL ENGINEER PRIOR TO START OF CORE DRILLING.
55. ELECTRICAL CONTRACTOR SHALL HAVE PRE-CONSTRUCTION MEETING WITH ELECTRICAL SHOP SUPERVISOR. ELECTRICIANS SHALL HAVE AN UPDATED ELECTRICAL LICENSE FOR THE STATE OF UTAH.

VCBO
ARCHITECTURE
VALENTINER
CRANE
BRUNJES
ONYON

VCBO ARCHITECTURE
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DFCM CODE COMPLIANCE STAMP

Stromberg Student Activity Center

Stromberg Addition - BID SET

Weber State University
3750 Harrison Blvd. Ogden, UT 84408

Rev #	Date	Description

Job # 4317
CAD File
Drawn PB Checked AM
Date 10.03.2012
Owner #

GENERAL NOTES AND SYMBOLS

EE-001

10/19/2012 2:13:25 PM

LIGHTING FIXTURE SCHEDULE

SYMBOL	DESCRIPTION	LAMP/FIXTURE INFORMATION		APPROVED MANUFACTURERS	CATALOG NUMBER
T-1	2'X4' DECORATIVE LIGHT FIXTURE WITH STEP DIMMING BALLAST.	LAMP	2F28 T8	LITHONIA	2RT8S-2-32-MVOLT-BSNP
		VOLTAGE	277	LIGHTOLIER	OTS2GPR232-UNV-CK
		MOUNT		COLUMBIA	EPC24-232G-SH-BALLAST AS SPECTED
		COLOR		METALUX	2AC-2-32-UNV-HR8 DIM
		BALLAST			
T-2	2'X2' DECORATIVE LIGHT FIXTURE.	LAMP	2F14 T8	LITHONIA	2RT8S-2-17-MVOLT-GEB10PS
		VOLTAGE	277	LIGHTOLIER	OTS2GPR217-UNV-CK
		MOUNT		COLUMBIA	EPC22-217G-SH-BALLAST AS SPECTED
		COLOR		METALUX	2AC-2-17-UNV-ER81
		BALLAST			
T-3	PENDANT MOUNTED INDIRECT LIGHT FIXTURE WITH STEP DIMMING BALLAST. LENGTH AS SHOWN ON THE PLANS.	LAMP	2F28 T8 PER 4'	LEDALITE	7406-T02-Q-N-*-**-UNV-E-W
		VOLTAGE	277	PINNACLE	LW8A-2T8-XX-AC48G1-UNV-1D-W
		MOUNT		AXIS	CU-S-4-T8-2-W-0-*-UNV-T-1-C-CT#
		COLOR		PRUDENTIAL	PRU15-SQ-2T8-04-PRA-TMW-D1-SC-UNV-XX
		BALLAST			
T-4	4' STRIP LIGHT FIXTURE HUNG BY CHAIN AND WIRE GUARD.	LAMP	2F28 T8	LITHONIA	Z-2-32-MVOLT-GEB10PS-WGZ48
		VOLTAGE	277	LIGHTOLIER	SW4S232HPF-UNV-CK W/ AWG3W CSP
		MOUNT		COLUMBIA	CH4-232-EPU / CHWG4 / CSHC
		COLOR		METALUX	SSF-2-32-UNV-ER81-WG/SSF-4FT-AYC-CHAIN/SET
		BALLAST			
T-5	6" LED RECESSED CAN LIGHT FIXTURE WITH 0-10V. DIMMING CAPABILITY.	LAMP	INCLUDED	LUMI	ARV13-22W-L-3500K-277-FP-SCBA
		VOLTAGE	277	GOTHAM	ALED 35/10 6AR MVOLT
		MOUNT		LIGHTOLIER	C6L1520DL35KWCCLW W/ C6L15N2
		COLOR		PRESCOLITE	LF6LED - 6LFLED535K
		BALLAST		PORTFOLIO	LD6-10-D010-ERM6-835-6LM1-LI
T-6	LARGE DECORATIVE PENDANT MOUNTED LIGHT FIXTURE. WITH SCREW-IN SELF-BALLASTED COMPACT FLUORESCENT LAMP.	LAMP	60W SBCF	LOUIS POULSEN	LPC-1/500W/PS-35/CL MOGL-277V-WHT
		VOLTAGE	277		
		MOUNT			
		COLOR			
		BALLAST			
T-7	SEMI RECESSED LED LIGHT FIXTURE. 1000 LUMENS.	LAMP	INCLUDED	LOUIS POULSEN	BAL 17W LED/3000K-120/277-WHT
		VOLTAGE	277	WILA LIGHTING	610 553-80-ZSH5
		MOUNT			
		COLOR			
		BALLAST			
T-8	6" LED RECESSED CAN LIGHT FIXTURE. COLOR OF THE CONE BY ARCHITECT. 1400 LUMENS.	LAMP	INCLUDED	GOTHAM	ALED-35/14-6AR-MVOLT
		VOLTAGE	277	LIGHTOLIER	C6L1520DL35KWCCLW W/ C6L15N2
		MOUNT		PRESCOLITE	LF6LED - 6LFLED735K
		COLOR		PORTFOLIO	LD6-10-D010-ERM6-835-6LM1-LI
		BALLAST			
T-9	LED RECESSED SHOWER LIGHT FIXTURE. 900 LUMENS.	LAMP	INCLUDED	GOTHAM	ALED-35/10-6AR-MVOLT
		VOLTAGE	277	LIGHTOLIER	C6L1520DL35KCCLW W/ C6L15N2
		MOUNT		PORTFOLIO	LD6-15-D010-ERM6-835-6LM1-LI
		COLOR			
		BALLAST			
T-10	4" WIDE LINEAR RECESSED FLUORESCENT LIGHT FIXTURE WITH OPAL LENS. LENGTH AS SHOWN ON THE DRAWINGS. ALUMINUM HOUSING.	LAMP	2F32 T8 PER 4'	ARCHITECTURAL	LPLR3.5T-TGRID-*-2-FSO-R-LSTD-UNV-EXT-WH
		VOLTAGE	277	PINNACLE	E4A-2T8-XX-G1-UNV-1C-W
		MOUNT		AXIS	BBR-F-FL-4-EX4-T8-2-W-UNV-ERS(.78BF)-1-TB15
		COLOR		PRUDENTIAL	P43-2T8-04'-SAL-TMW-D1-SC-UNV-X7
		BALLAST			
T-11	3"x3" PENDANT MOUNTED INDIRECT LIGHT FIXTURE. LENGTH AS SHOWN.	LAMP	2F28 T8/4 FT	LITECONTROL	P-I-02-1*T5-CWM-ELB10-UNV-FAI/ACC
		VOLTAGE	277	PRUDENTIAL	P40-04'-SAL-TMW-D2-SC-UNV-CA144-XX
		MOUNT			
		COLOR			
		BALLAST			
T-12	SURFACE MOUNTED LED CYLINDER LIGHT FIXTURE. COLOR OF CONE BY ARCHITECT. 3500 LUMENS. 10" HEIGHT.	LAMP	INCLUDED	GOTHAM	ICO-CYL 35/35 6AR ** 277 FCM DWHG
		VOLTAGE	277	LIGHTOLIER	C7L20CW35KWCCLU
		MOUNT	SURFACE		
		COLOR			
		BALLAST			
T-13	SMALL DECORATIVE PENDANT MOUNTED FLUORESCENT LIGHT FIXTURE	LAMP	26W CFL	LOUIS POULSEN	MP-18/CF-277-WHT-GLASS
		VOLTAGE		DELRAY	
		MOUNT	PENDANT		
		COLOR			
		BALLAST			
T-14	2'X4' FLUORESCENT LAY-IN LIGHT FIXTURE WITH .125 PRISMATIC LENS AND REGRESSED DOOR.	LAMP	2F28 T8	LITHONIA	2SP8 G 2 32 RA125 MVOLT GEB10PS
		VOLTAGE	277	LIGHTOLIER	XP2GVI232-UNV-CK
		MOUNT	LAY-IN	COLUMBIA	ST824-232G-RAA12125-BALLAST AS SPECTED
		COLOR		METALUX	2GC8-RA-2-32-A125-UNV-ER81
		BALLAST			
T-15	SMALL DECORATIVE PENDANT MOUNTED LIGHT FIXTURE WITH PERFORATED REFLECTOR OVER THEM.	LAMP	32W CFL	DELRAY	2072/*/0/32/2/E
		VOLTAGE		BETA	44 0940 SCBA 277V
		MOUNT	PENDANT	LOUIS POULSEN	ALB-MAX-P-277-WHT-CORD
		COLOR			
		BALLAST			
T-16	POLE MOUNTED LIGHT FIXTURE WITH SCREW IN COMPACT FLUORESCENT TO MATCH CAMPUS STANDARD.	LAMP	INCLUDED	KIM	PT/SRS1F3/150NC120
		VOLTAGE	277		
		MOUNT	SURFACE		
		COLOR			
		BALLAST			
T-17	6" RECESSED LED WALL WASH LIGHT FIXTURE. 1400 LUMENS.	LAMP	INCLUDED	GOTHAM	ALEDW 35/14 6AR MVOLT
		VOLTAGE	277	LIGHTOLIER	C6L1520LW35KWCCLW W/ C6L15N2
		MOUNT		PRESCOLITE	LF6LEDWW - 6LFLED735KWW
		COLOR		PORTFOLIO	LD6-15-D010-ERM6-835-6LM111-LI
		BALLAST			
T-18	RECESSED 2" LED CAN LIGHT FIXTURE WITH DROPPED OPAL GLASS REFLECTOR. 6 WATTS.	LAMP	INCLUDED	LOUIS POULSEN	BAL-MIC-WHT-277
		VOLTAGE	277	LIGHTOLIER	C2L04DL30K17R1 W/ CA2DF2 W/ C2LMP
		MOUNT	SURFACE	BRUCK	138060MC/WH
		COLOR			
		BALLAST			
T-19	6" RECESSED SQUARE LED DOWNLIGHT FIXTURE WITH SCREW IN PAR 30 LED LAMP. COLOR OF CONE BY ARCHITECT.	LAMP	INCLUDED	GOTHAM	SQP 6AR
		VOLTAGE	277 ?	KURT VERSON	
		MOUNT	RECESSED	KIRLIN	IRS-06115
		COLOR			
		BALLAST			
T-20	PENDANT MOUNTED DIRECT AND INDIRECT FLUORESCENT AND LED PAR DOWN LIGHT FIXTURE. LENGTH AS SHOWN. LED PAR LAMPS TO BE DIMMABLE.	LAMP	2F32 T8/FT PAR 30 LED	ARCHITECTURAL LIGHTING WORKS	LP11-10-I2-120-PAR30/G2T5LENS/PAR30/PAR30/G2T5LENS/PAR30/AL
		VOLTAGE	120	ENERGIE	T200-IND-2T528-120/T200-PAR1
		MOUNT			
		COLOR			
		BALLAST			
T-21	SAME AS T-7 EXCEPT DIMMABLE 0-10V.	LAMP		LOUIS POULSON	BAL 17W LED/3000K-120/277-WHT
		VOLTAGE		WILA LIGHTING	610 553-80-ZSH5-BDIM
		MOUNT			
		COLOR			
		BALLAST			
T-22	SAME AS T-3 EXCEPT WITH SELF DIMMING BALLASTS AND SELF CONTAINED PHOTO SENSOR FOR EACH FIXTURE.	LAMP		LEDALITE	7406-T02-Q-N-*-7-UNV-E-W-DS
		VOLTAGE		PINNACLE	LW8A-2T8-XX-AC48G1-UNV-1D-W
		MOUNT		AXIS	CU-S-4-T8-2-W-UNV-D-1-C-CT#-OS*
		COLOR		PRUDENTIAL	PRU15-SQ-2T8-04-PRA-TMW-D1-SC-UNV-XX-DM-B_-DLH
		BALLAST			
T-23	EXTERIOR LINEAR LED LIGHT FIXTURE WITH 12" ARM UP LIGHT. WATER PROOF EXTRUDED ALUMINUM HOUSING. LENGTH AS SHOWN ON THE PLAN. 1.6" DIAMETER, 277V. REMOTE DRIVER. COLOR BY ARCHITECT.	LAMP	INCLUDED	SPI LIGHTING	SEWS-051-L48W-135K-SMB-24VOC-LBK012-PS
		VOLTAGE		LITHONIA	LRP 1 GMR ** 120/277 EL N
		MOUNT		BEGHELLI	SMLED-IP65-*-WT32
		COLOR			
		BALLAST			
EX-1	LED EDGE LITE EXIT SIGN WITH NICAD BATTERY AND RECESSED HARDWARE.	LAMP	INCLUDED	LITHONIA	LRP-2-GMR-**-120/277-EL-N
		VOLTAGE	277	LIGHTOLIER	LLNUGW
		MOUNT		DUAL-LITE	LE*SGNE-M
		COLOR		SURE-LITES	ELX7-2-70-00-G-XX-X
		BALLAST			

NOTES:

1. ALL FLUORESCENT LIGHTS SHALL HAVE ELECTRONIC PROGRAMMABLE START BALLASTS, .78 BF. UNIVERSAL, ADVANCE AND SYLVANIA ARE APPROVED MANUFACTURERS. BALLASTS TO HAVE 5 YEAR WARRANTY.
2. ALL FLUORESCENT LAMPS SHALL HAVE 4100° COLOR TEMPERATURE.
3. FIELD VERIFY ALL LIGHTING VOLTAGES PRIOR TO PLACING ANY ORDER.
4. THE WRITTEN CRITERIA OF THE FIXTURE DESCRIPTION TAKES PRECEDENCE OVER THE CATALOG NUMBER.
5. ALL LED LIGHT FIXTURES ARE TO HAVE A 5 YEAR PARTS AND LABOR WARRANTY.
6. ALL SCREW-IN LED LAMPS SHALL HAVE 50,000 HOURS LIFE.

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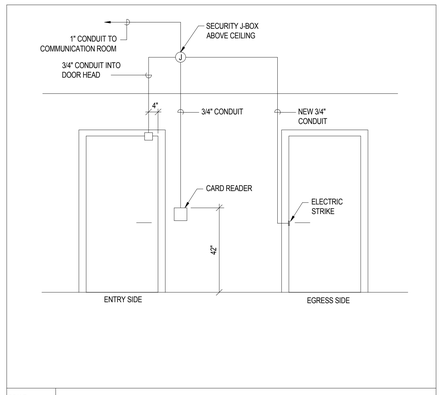
LIGHT FIXTURE SCHEDULE

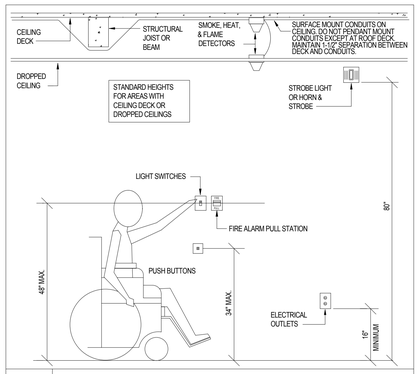
EE-002

10/19/2012 2:13:26 PM



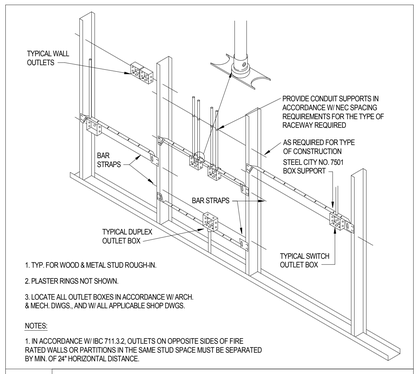
SCALE: N.T.S.

TYPICAL SECURITY DOOR WIRING DIAGRAM



SCALE: N.T.S.

STANDARD HEIGHTS FOR HANDICAPPED ACCESS



1. TYP. FOR WOOD & METAL STUD ROUGH-IN.

2. PLASTER RINGS NOT SHOWN.

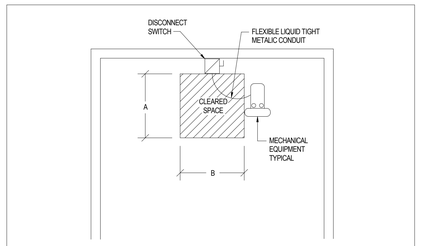
3. LOCATE ALL OUTLET BOXES IN ACCORDANCE W/ ARCH. & MECH. DWGS., AND W/ ALL APPLICABLE SHOP DWGS.

NOTES:

1. IN ACCORDANCE W/ IBC 711.3.2, OUTLETS ON OPPOSITE SIDES OF FIRE RATED WALLS OR PARTITIONS IN THE SAME STUD SPACE MUST BE SEPARATED BY MIN. OF 24" HORIZONTAL DISTANCE.

SCALE: N.T.S.

TYPICAL ROUGH-IN REQUIREMENTS DETAIL



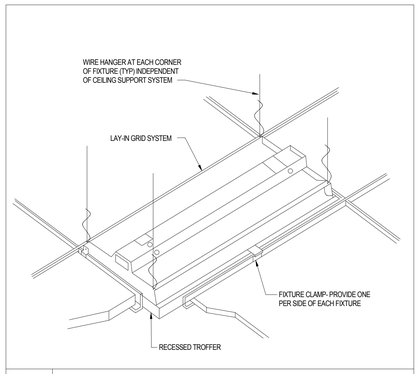
NOTE:
1. THE CONTRACTOR MUST COORDINATE EXACT LOCATION OF THE DISCONNECT WITH THE MECHANICAL CONTRACTOR TO ELIMINATE ANY OBSTACLE (PIPE, CONCRETE PAD, ETC.) IN FRONT OF THE DISCONNECT. IF THERE ARE ANY OBSTACLES, PROVIDE UNISTRUT AND INSTALL THE DISCONNECT NEXT TO MECHANICAL EQUIPMENT IN ORDER TO PROVIDE THE REQUIRED CLEARANCE.

2. PROVIDE MINIMUM CLEARANCE AS FOLLOWS:

SYSTEM VOLTAGE	A	B
480	42"	30"
208	36"	30"

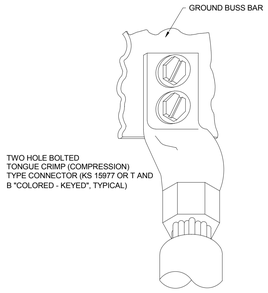
SCALE: N.T.S.

TYPICAL DISCONNECT CLEARANCE REQUIREMENTS



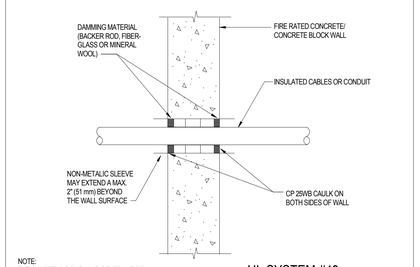
SCALE: N.T.S.

TYPICAL RECESSED FIXTURE MOUNTING DETAIL



SCALE: N.T.S.

CRIMP TYPE CONNECTORS DETAIL

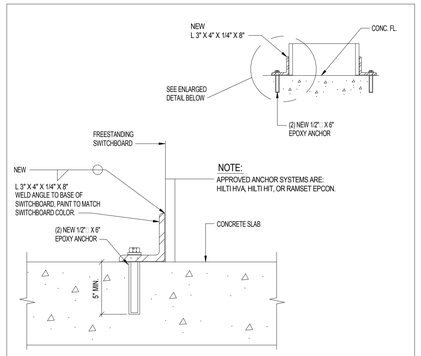


NOTE:
TYPICAL DETAILS SHOWING GENERAL FIRE STOPPING PROCEDURE. ACTUAL PROCEDURE DEPENDS UPON ANNULAR SPACE BETWEEN PIPE AND/OR INSULATION AND OPENING. FOLLOW MANUFACTURER'S INSTRUCTIONS.

UL SYSTEM #49

SCALE: N.T.S.

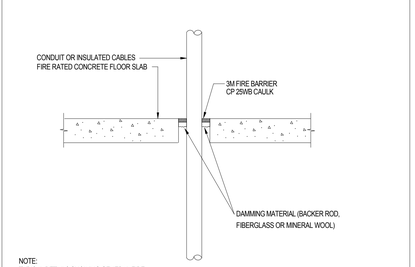
TYPICAL FIRESTOP FOR CABLES/ CONDUIT THROUGH CONCRETE WALLS



NOTE:
APPROVED ANCHOR SYSTEMS ARE: HILTI HVA, HILTI HIT, OR RAMSET EPCON.

SCALE: N.T.S.

SWITCHBOARD SEISMIC BRACING DETAIL

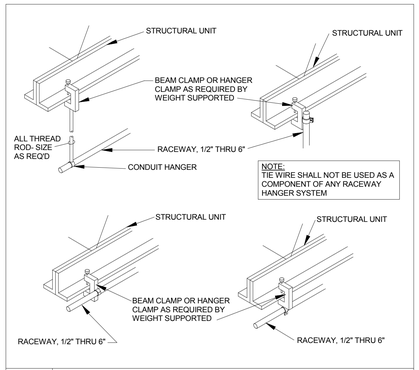


NOTE:
TYPICAL DETAILS SHOWING GENERAL FIRE STOPPING PROCEDURE. ACTUAL PROCEDURE DEPENDS UPON ANNULAR SPACE BETWEEN PIPE AND/OR INSULATION AND OPENING. FOLLOW MANUFACTURER'S INSTRUCTIONS.

UL SYSTEM #49

SCALE: N.T.S.

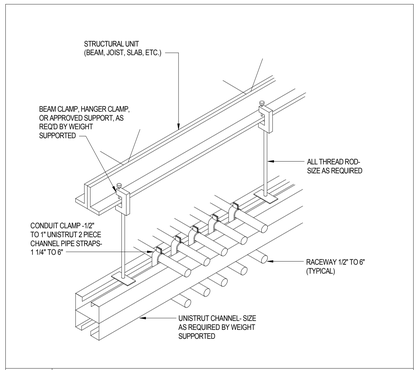
TYPICAL FIRESTOP FOR CABLES/ CONDUIT THROUGH CONCRETE FLOORING



NOTE:
TIE WIRE SHALL NOT BE USED AS A COMPONENT OF ANY RACEWAY HANGER SYSTEM

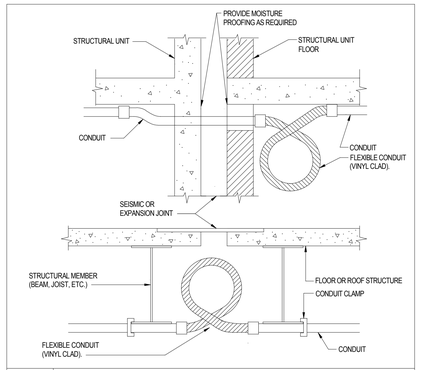
SCALE: N.T.S.

TYPICAL RACEWAY SUPPORT METHODS DETAIL



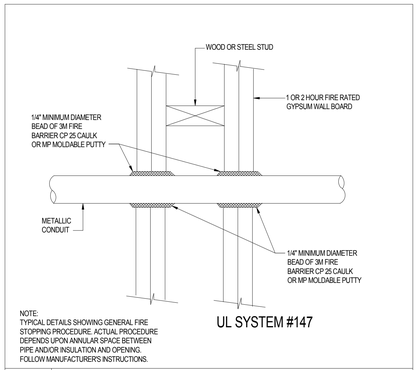
SCALE: N.T.S.

TYPICAL CONDUIT RACK DETAIL



SCALE: N.T.S.

CONDUIT CROSSING SEISMIC OR EXPANSION JOINT DETAIL

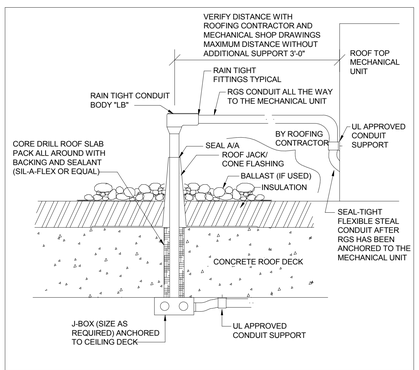


NOTE:
TYPICAL DETAILS SHOWING GENERAL FIRE STOPPING PROCEDURE. ACTUAL PROCEDURE DEPENDS UPON ANNULAR SPACE BETWEEN PIPE AND/OR INSULATION AND OPENING. FOLLOW MANUFACTURER'S INSTRUCTIONS.

UL SYSTEM #147

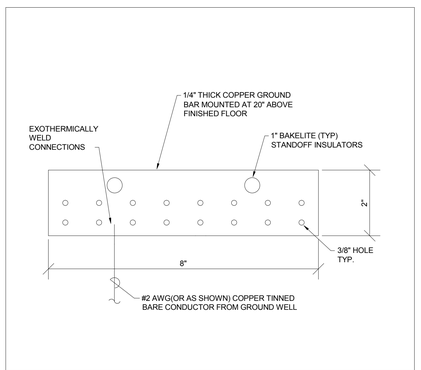
SCALE: N.T.S.

FIRESTOP FOR METAL CONDUIT THROUGH GYPSUM WALL BOARD



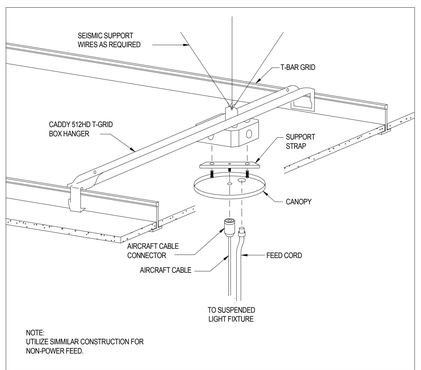
SCALE: N.T.S.

CONDUIT ROOF PENETRATION



SCALE: N.T.S.

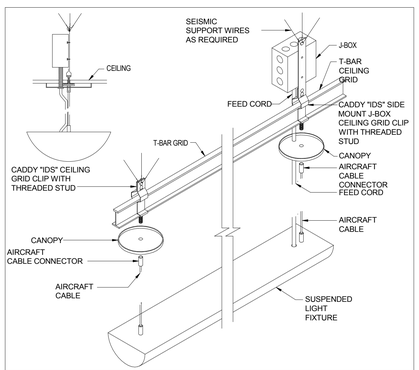
T.T.B. COPPER GROUND BUS BAR



NOTE:
UTILIZE SIMMILAR CONSTRUCTION FOR NON-POWER FEED.

SCALE: N.T.S.

INDIRECT LIGHT FIXTURE MOUNTING DETAIL



SCALE: N.T.S.

INDIRECT LIGHT FIXTURE MOUNTING DETAIL (GRID MOUNTED)

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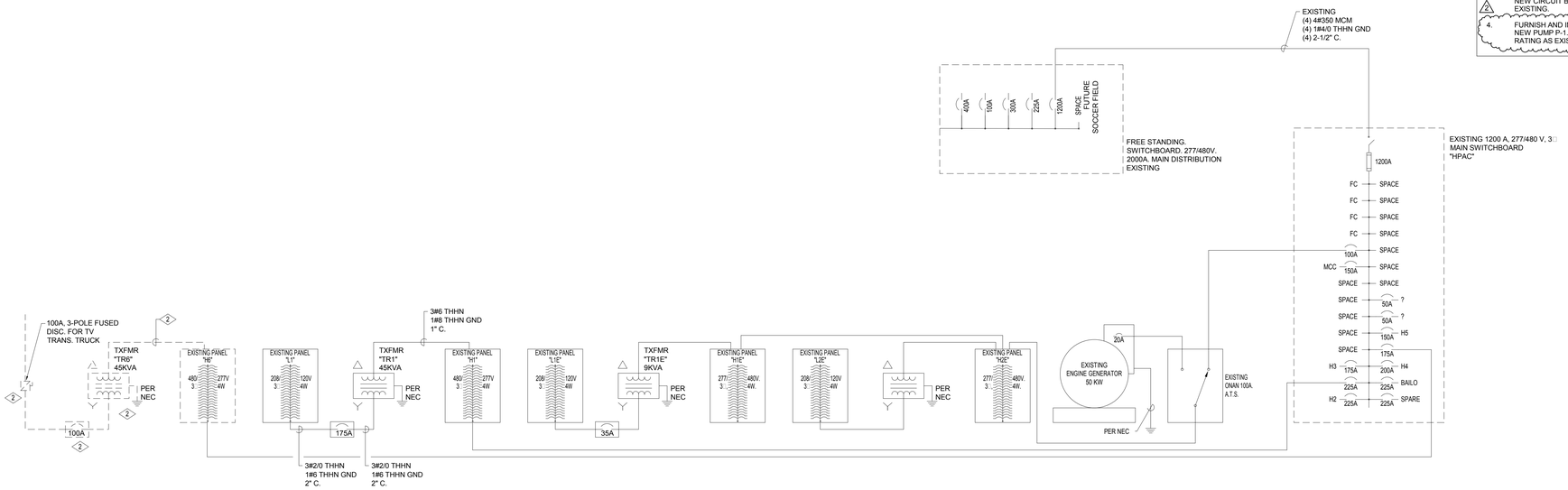
DETAILS

EE-003

10/19/2012 2:13:26 PM

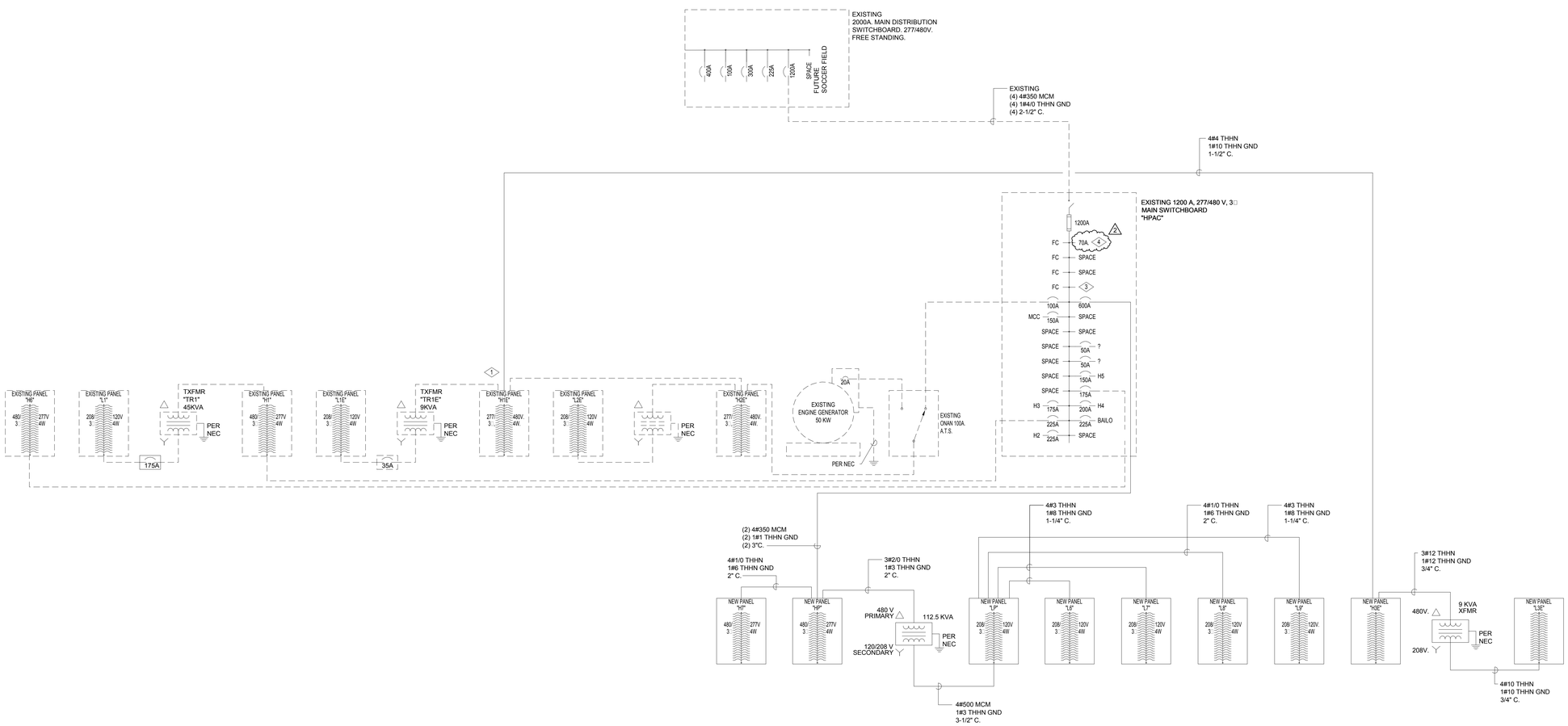
REFERENCE NOTES:

1. PROVIDE SUBFEED LUGS TO FEED POWER TO NEW PANEL "H3E".
2. REMOVE EXISTING 45KVA TRANSFORMER, DISCONNECT, CIRCUIT BREAKER, ASSOCIATED CONDUIT AND CONDUCTORS.
3. FURNISH AND INSTALL A 600 AMP 3 POLE CIRCUIT BREAKER. NEW CIRCUIT BREAKER SHALL HAVE THE SAME AIC RATING AS EXISTING. (2)
4. FURNISH AND INSTALL A 70 AMP, 3 POLE CIRCUIT BREAKER FOR NEW PUMP P-1. NEW CIRCUIT BREAKER TO HAVE THE SAME AIC RATING AS EXISTING.



EXISTING POWER SINGLE LINE DIAGRAM

SCALE: N.T.S.



NEW PARTIAL POWER SINGLE LINE DIAGRAM

SCALE: N.T.S.

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ARCHITECTURE
VALENTINER
CRANE
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Stromberg Addition - BID SET

Weber State University
3750 Harrison Blvd. Ogden, UT 84408

Rev #	Date	Description
2	10-19-12	Addendum #3

Job # 4317
CAD File
Drawn PB Checked AM
Date 10.03.2012
Owner #

POWER SINGLE LINE DIAGRAM

EE-004

10/19/2012 2:13:26 PM

(E) Branch Panel: L1

Location: CLUB 109 | **Volts:** 120/208 Wye | **A.I.C. Rating:**
Supply From: | **Phases:** 3 | **Mains Type:**
Mounting: | **Wires:** 4 | **Mains Rating:** 400 A
Enclosure: | **MCB Rating:**

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	ROOM 050B, 050A	20 A	1	1440	720					1	20 A	ROOM 050C	2
3	WORK STATION 050D	20 A	1			540	1260			1	20 A	ROOM 050, 050D	4
5	ROOM 050E, 050F	20 A	1					1440	360	1	20 A	CIRCULATION 200	6
7	Outlet WORK STATION 050D	20 A	1	180	360					1	20 A	Outlet CONF 050C	8
9	Outlet WORK STATION 050D	20 A	1			360	720			1	20 A	Outlet WELLNESS CENTER 050	10
11													12
13													14
15													16
17													18
19													20
21													22
23													24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42
		Total Load:		2700 VA		2880 VA		1800 VA					
		Total Amps:		24 A		25 A		15 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Outlet	7380 VA	100.00%	7380 VA		
				Total Conn. Load:	7380 VA
				Total Est. Demand:	7380 VA
				Total Conn.:	20 A
				Total Est. Demand:	20 A

Notes:

Branch Panel: HP

Location: MECHANICAL 150 | **Volts:** 480/277 Wye | **A.I.C. Rating:**
Supply From: | **Phases:** 3 | **Mains Type:**
Mounting: | **Wires:** 4 | **Mains Rating:** 600 A
Enclosure: | **MCB Rating:**

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	ELEVATOR	175 A	3	20400 VA	31935 VA					3	175 A	PANEL LP	2
3	--	--	--			20400 VA	31378 VA			--	--	--	4
5	--	--	--					20400 VA	31034 VA	--	--	--	6
7	PANEL H7	150 A	3	10096 VA	5500 VA					3	35 A	SF-1	8
9	--	--	--			9666 VA	5500 VA			--	--	--	10
11	--	--	--					10115 VA	5500 VA	--	--	--	12
13	WH-2	140 A	3	30000 VA	5500 VA					3	35 A	SF-2	14
15	--	--	--			30000 VA	5500 VA			--	--	--	16
17	--	--	--					30000 VA	5500 VA	--	--	--	18
19	WH-1	140 A	3	30000 VA	5500 VA					3	35 A	SF-3	20
21	--	--	--			30000 VA	5500 VA			--	--	--	22
23	--							30000 VA	5500 VA	--	--	--	24
25					5500 VA					3	35 A	SF-4	26
27							5500 VA			--	--	--	28
29									5500 VA	--	--	--	30
31	RF-1	30 A	3	3700 VA	1667 VA					3	30 A	RF-2	32
33	--	--	--			3700 VA	1667 VA			--	--	--	34
35	--	--	--					3700 VA	1667 VA	--	--	--	36
37	SPARE	150 A	3	0 VA	0 VA					3	30 A	SPARE	38
39	--	--	--			0 VA	0 VA			--	--	--	40
41	--	--	--					0 VA	0 VA	--	--	--	42
		Total Load:		149798 VA		148811 VA		148916 VA					
		Total Amps:		541 A		537 A		538 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	276408 VA	100.00%	276408 VA		
Lighting	16654 VA	125.00%	20818 VA	**Total Conn. Load:**	447524 VA
Motor	500 VA	100.00%	500 VA	**Total Est. Demand:**	419968 VA
Other	18822 VA	100.00%	18822 VA	**Total Conn.:**	538 A
Power	61700 VA	100.00%	61700 VA	**Total Est. Demand:**	505 A
Outlet	73440 VA	56.81%	41720 VA		

Notes:

Branch Panel: H7

Location: MECHANICAL 150 | **Volts:** 480/277 Wye | **A.I.C. Rating:**
Supply From: HP | **Phases:** 3 | **Mains Type:**
Mounting: | **Wires:** 4 | **Mains Rating:** 200 A
Enclosure:

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	2
3	Lobby 102 LTG.	20 A	1			916	3500			1	20 A	WH-3	4
5	STOR / MAINT 209 LTG.	20 A	1					1632	2722	1	20 A	Room 103A, 101 A-H, 103B LTG.	6
7	Exterior Overhang LTG.	20 A	1	2898	3500					1	20 A	WH-4	8
9	Spare	20 A	1		0 VA								10
11	200B,C LTG.	20 A	1					1400	3761	1	20 A	206, 207, 202 LTG.	12
13	100, 200 D LTG.	20 A	1	3698	0 VA					1	20 A	Spare	14
15	Exterior LTG	20 A	1			1750	3500			1	20 A	HVAC	16
17	Spare	20 A	1					0 VA	600	1	20 A	SIGN LTG.	18
19	Spare	20 A	1	0 VA	0 VA					3	20 A	SPARE	20
21	SPARE	20 A	1			0 VA	0 VA			--	--	--	22
23	SPARE	20 A	1					0 VA	0 VA	--	--	--	24
25	SPARE	20 A	1	0 VA	0 VA					--	--	SPACE	26
27	SPARE	20 A	1			0 VA	0 VA			--	--	SPACE	28
29	SPARE	20 A	1					0 VA	0 VA	--	--	SPACE	30
31	SPARE	20 A	1	0 VA	0 VA					--	--	SPACE	32
33	SPARE	20 A	1			0 VA	0 VA			--	--	SPACE	34
35	SPARE	20 A	1					0 VA	0 VA	--	--	SPACE	36
37	SPARE	30 A	3	0 VA	0 VA					--	--	SPACE	38
39	--	--	--			0 VA	0 VA			--	--	SPACE	40
41	--	--	--					0 VA	0 VA	--	--	SPACE	42
		Total Load:		10096 VA		9666 VA		10115 VA					
		Total Amps:		37 A		35 A		37 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	10500 VA	100.00%	10500 VA		
Lighting	16479 VA	125.00%	20599 VA	**Total Conn. Load:**	29877 VA
Other	2898 VA	100.00%	2898 VA	**Total Est. Demand:**	33997 VA
				Total Conn.:	36 A
				Total Est. Demand:	41 A

Notes:

Branch Panel: L6

Location: MECHANICAL 150 | **Volts:** 120/208 Wye | **A.I.C. Rating:**
Supply From: LP | **Phases:** 3 | **Mains Type:**
Mounting: | **Wires:** 4 | **Mains Rating:** 100 A
Enclosure: | **MCB Rating:**

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	OFFICE 008C, 008B, 008A	20 A	1	1080	1080					1	20 A	GROUP FITNESS 101 / STORAGE 101A	2
3	STUDENT WORKROOM 008	20 A	1			540	1000			1	20 A	Fitness Studio B 203 Ceiling Fan	4
5	Outlet STUDENT WORKROOM-1 105-1	20 A	1					360	1000	1	20 A	Fitness Studio B 203 Ceiling Fan	6
7	OFFICE 001E, 001F	20 A	1	1440	180					1	20 A	UH-1	8
9	OFFICE 001C, 001D	20 A	1			1440	180			1	20 A	CUH-1	10
11	RECEPTION 001 / HALL 001H	20 A	1					720	360	1	20 A	Outlet STUDIO STORAGE 202A	12
13	OFFICE 001G / HALL 001H	20 A	1	900	900					1	20 A	WOMENS LOCKER/SHOWERS 104	14
15	Outlet Room 001B, 0E1	20 A	1			900	180			1	20 A	CIRCULATION 100	16
17	EQUIP. 001A / CONTROL 000	20 A	1					1080	720	1	20 A	CIRCULATION 100 / STAIRS 299B	18
19	CONTROL 000 / VESTIBULE 00A	20 A	1	720	720					1	20 A	ROOMS 106, 105, 106A	20
21	LOBBY 002	20 A	1			180	180			1	20 A	CIRCULATION 200	22
23	ELEV. EQUIP 007	20 A	1					500	900	1	20 A	EXISTING STORAGE 108	24
25	Outlet MAINTENANCE 005	20 A	1	540	728					2	30 A	EXISTING STORAGE 108	26
27	ELEV. EQUIP 007	20 A	1			180	728			--	--	--	28
29	LOBBY 002 / MAINTENANCE 005	20 A	1					720	180	1	20 A	STUDIO STORAGE 101A	30
31	Outlet STUDENT WORKROOM-1 105-1	20 A	1	360	360					1	20 A	Outlet STUDENT WORKROOM-1 105-1	32
33	HAND DRYER WOMENS LOCKER 207	20 A	1			1000	1000			1	20 A	HAND DRYER WOMENS LOCKER 207	34
35	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	36
37	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	38
39	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	40
41	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	42
		Total Load:		9008 VA		7508 VA		6540 VA					
		Total Amps:		76 A		64 A		55 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	360 VA	100.00%	360 VA		
Other	5456 VA	100.00%	5456 VA	**Total Conn. Load:**	23056 VA
Power	500 VA	100.00%	500 VA	**Total Est. Demand:**	19686 VA
Outlet	16740 VA	79.87%	13370 VA	**Total Conn.:**	64 A
				Total Est. Demand:	55 A

Notes:

Branch Panel: L7

Location: MECHANICAL 150 | **Volts:** 120/208 Wye | **A.I.C. Rating:**
Supply From: LP | **Phases:** 3 | **Mains Type:**
Mounting: | **Wires:** 4 | **Mains Rating:** 100 A
Enclosure: | **MCB Rating:**

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	MAINTENANCE 005	20 A	1	360	728					2	30 A	MAINTENANCE 005	2
3	STAIRS 099B	20 A	1			540	728			--	--	--	4
5	Outlet EQUIP 001A	20 A	1					180	1080	1	20 A	MENS LOCKER/SHOWER 103	6
7	Outlet	20 A	1	900	180					1	20 A	Outlet STORAGE 103B	8
9	Outlet	20 A	1			720	180			1	20 A	Outlet STUDIO STORAGE 106A	10
11	MECHANICAL 091 / STAIRS 099B	20 A	1					720	180	1	20 A	Outlet	12
13	Cardio Equipment	20 A	1	1000	1000					1	20 A	Cardio Equipment	14
15	Outlet	20 A	1			540	1000			1	20 A	Cardio Equipment	16
17	Outlet	20 A	1					360	540	1	20 A	Outlet	18
19	Outlet CONF 101B	20 A	1	180	180					1	20 A	Outlet OFFICE 101D	20
21	Outlet LOBBY 102	20 A	1			180	720			1	20 A	Outlet RECEPTION 101	22
23	HAND DRYER MENS LOCKER 206	20 A	1					1000	360	1	20 A	Outlet CONTROL-1 100-1	24
25	Outlet MEN'S LOCKER/SHOWER 206	20 A	1	180	360					1	20 A	Outlet	26
27	Outlet MEN'S LOCKER/SHOWER 206	20 A	1			180	180			1	20 A	Outlet MEN'S LOCKER/SHOWER 206	28
29	Outlet WOMENS LOCKER/SHOWER 207	20 A	1					180	180	1	20 A	Outlet WOMENS LOCKER/SHOWER 207	30
31	Motor	20 A	1	500	180					1	20 A	Outlet WOMENS LOCKER/SHOWER 207	32
33	Spare	20 A	1			0 VA	180			1	20 A	Outlet	34
35	Spare	20 A	1					0 VA	1000	1	20 A	HAND DRYER MENS LOCKER 206	36
37	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	38
39	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	40
41	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	42
		Total Load:		5748 VA		5148 VA		5780 VA					
		Total Amps:		49 A		43 A		49 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Motor	500 VA	100.00%	500 VA		
Other	3456 VA	100.00%	3456 VA	**Total Conn. Load:**	16676 VA
Outlet	12720 VA	89.31%	11360 VA	**Total Est. Demand:**	15316 VA
				Total Conn.:	46 A
				Total Est. Demand:	43 A

Notes:

Branch Panel: L8

Location: MECHANICAL 150 | **Volts:** 120/208 Wye | **A.I.C. Rating:**
Supply From: LP | **Phases:** 3 | **Mains Type:**
Mounting: | **Wires:** 4 | **Mains Rating:** 225 A
Enclosure: | **MCB Rating:**

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	Treadmill	20 A	1	1000	1000					1	20 A	Cardio Equipment	2
3	Treadmill	20 A	1			1000	1000			1	20 A	Cardio Equipment	4
5	Treadmill	20 A	1					1000	1000	1	20 A	Cardio Equipment	6
7	Treadmill	20 A	1	1000	1000					1	20 A	Cardio Equipment	8
9	Treadmill	20 A	1			1000	1000			1	20 A	Cardio Equipment	10
11	Treadmill	20 A	1					1000	1000	1	20 A	Cardio Equipment	12
13	Treadmill	20 A	1	1000	1000					1	20 A	Cardio Equipment	14
15	Treadmill	20 A	1			1000	1000			1	20 A	Cardio Equipment	16
17	Treadmill	20 A	1					1000	1000	1	20 A	Cardio Equipment	18
19	Treadmill	20 A	1	1000	1000					1	20 A	Cardio Equipment	20
21	Treadmill	20 A	1			1000	1000			1	20 A	Cardio Equipment	22
23	Treadmill	20 A	1					1000	1000	1	20 A	Cardio Equipment	24
25	Treadmill	20 A	1	1000	1000					1	20 A	Cardio Equipment	26
27	Treadmill	20 A	1			1000	1000			1	20 A	Cardio Equipment	28
29	Treadmill	20 A	1					1000	1000	1	20 A	Cardio Equipment	30
31	Cardio Equipment	20 A	1	1000	1000					1	20 A	Cardio Equipment	32
33	Cardio Equipment	20 A	1			1000	1000			1	20 A	Cardio Equipment	34
35	Cardio Equipment	20 A	1					1000	1000	1	20 A	Cardio Equipment	36
37	Cardio Equipment	20 A	1	1000	1000					1	20 A	Cardio Equipment	38
39	Cardio Equipment	20 A	1			1000	1000			1	20 A	Cardio Equipment	40
41	Cardio Equipment	20 A	1					1000	1000	1	20 A	Cardio Equipment	42
		Total Load:		14000 VA		14000 VA		14000 VA					
		Total Amps:		117 A		117 A		117 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Outlet	42000 VA	61.90%	26000 VA		
				Total Conn. Load:	42000 VA
				Total Est. Demand:	26000 VA
				Total Conn.:	117 A
				Total Est. Demand:	72 A

Notes:

VCBO
ARCHITECTURE
VALENTINER
CRANE
BRUNJES
ONYON

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DFCM CODE COMPLIANCE STAMP

Stromberg Student Activity Center
Stromberg Addition - BID SET
Weber State University
3750 Harrison Blvd. Ogden, UT 84408

Rev #	Date	Description
2	10-19-12	Addendum #3

Job # 4317
CAD File
Drawn PB Checked AM
Date 10.03.2012
Owner #

PANEL SCHEDULES

EE-005

10/19/2012 2:13:27 PM

Branch Panel: L10

Location: STUDIO STORAGE 202A
Supply From:
Mounting:
Enclosure:
Volts: 120/208 Wye
Phases: 3
Wires: 4
A.I.C. Rating:
Mains Type:
Mains Rating: 100 A
MCB Rating:

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	Outlet	20 A	1	180	120					1	20 A	HVAC	2
3	Fitness Studio A 202 Ceiling Fan	20 A	1			500	1000			1	20 A	Fitness Studio A 202 Ceiling Fan	4
5	Fitness Studio A 202 Ceiling Fan	20 A	1					1000	0 VA	1	20 A	Spare	6
7	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	8
9	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	10
11	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	12
13	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	14
15	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	16
17	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	18
19	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	20
21	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	22
23	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	24
25	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	26
27	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	28
29	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	30
31	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	32
33	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	34
35	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	36
37	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	38
39	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	40
41	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	42
			Total Load:	300 VA		1500 VA		1000 VA					
			Total Amps:	3 A		13 A		9 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	120 VA	100.00%	120 VA		
Other	2500 VA	100.00%	2500 VA	**Total Conn. Load:**	2800 VA
Outlet	180 VA	100.00%	180 VA	**Total Est. Demand:**	2800 VA
				Total Conn.:	8 A
				Total Est. Demand:	8 A

Notes:

2

Branch Panel: LP

Location: MECHANICAL 150
Supply From: 112.5 KVA XFMR
Mounting:
Enclosure:
Volts: 120/208 Wye
Phases: 3
Wires: 4
A.I.C. Rating:
Mains Type:
Mains Rating: 400 A
MCB Rating: 400 A

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	L6	100 A	3	9008	5748					3	100 A	L7	2
3	--	--	--			7508	5148			--	--	--	4
5	--	--	--					6540	5780	--	--	--	6
7	L8	150 A	3	1400	3179					3	100 A	L9	8
9	--	--	--			1400	4722			--	--	--	10
11	--	--	--					1400	4714	--	--	--	12
13	SPARE	100 A	3	0 VA	0 VA					3	40 A	SPARE	14
15	--	--	--			0 VA	0 VA			--	--	--	16
17	--	--	--					0 VA	0 VA	--	--	--	18
19	SPARE	60 A	3	0 VA	0 VA					3	20 A	SPARE	20
21	--	--	--			0 VA	0 VA			--	--	--	22
23	--	--	--					0 VA	0 VA	--	--	--	24
25	SPACE	--	--	0 VA	0 VA					--	--	SPACE	26
27	SPACE	--	--			0 VA	0 VA			--	--	SPACE	28
29	SPACE	--	--					0 VA	0 VA	--	--	SPACE	30
31	SPACE	--	--	0 VA	0 VA					--	--	SPACE	32
33	SPACE	--	--			0 VA	0 VA			--	--	SPACE	34
35	SPACE	--	--					0 VA	0 VA	--	--	SPACE	36
37	SPACE	--	--	0 VA	0 VA					--	--	SPACE	38
39	SPACE	--	--			0 VA	0 VA			--	--	SPACE	40
41	SPACE	--	--					0 VA	0 VA	--	--	SPACE	42
			Total Load:	31935 VA		31378 VA		31034 VA					
			Total Amps:	267 A		262 A		259 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	3808 VA	100.00%	3808 VA		
Lighting	175 VA	125.00%	219 VA	**Total Conn. Load:**	94347 VA
Motor	500 VA	100.00%	500 VA	**Total Est. Demand:**	62671 VA
Other	15924 VA	100.00%	15924 VA	**Total Conn.:**	262 A
Power	500 VA	100.00%	500 VA	**Total Est. Demand:**	174 A
Outlet	73440 VA	56.81%	41720 VA		

Notes:

Branch Panel: L9

Location: MECHANICAL 150
Supply From: LP
Mounting:
Enclosure:
Volts: 120/208 Wye
Phases: 3
Wires: 4
A.I.C. Rating:
Mains Type:
Mains Rating: 100 A
MCB Rating:

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	CONF. 101B LTG.	20 A	1	175	180					1	20 A	EF-1	2
3	DCP-1	20 A	1			180	180			1	20 A	Fitness Studio B 203 Ceiling Fans	4
5	SCP-1	20 A	1					180	1080	1	20 A	Fitness Studio B 203 Ceiling Fans	6
7	Outlet	20 A	1	180	180					1	20 A	Outlet	8
9	AHU LTG.	20 A	1			512	1000			1	20 A	Weights 200B Ceiling Fan	10
11	ACC-1	20 A	2					104	1000	1	20 A	Weights 200B Ceiling Fans	12
13	--	--	--	104	1000					1	20 A	Weights 200B Ceiling Fans	14
15	HVAC	20 A	2			1350	1000			1	20 A	Weights 200B Ceiling Fans	16
17	--	--	--					1350	1000	1	20 A	Weights 200B Ceiling Fans	18
19	Outlet	20 A	1	360	1000					1	20 A	Cardio 200C Ceiling Fans	20
21							500			1	20 A	Cardio 200C Ceiling Fans	22
23													24
25													26
27													28
29													30
31													32
33	SPARE	20 A	1			0 VA	0 VA			1	20 A	SPARE	34
35	SPARE	20 A	1					0 VA	0 VA	1	20 A	SPARE	36
37	SPARE	20 A	1	0 VA	0 VA					1	20 A	SPARE	38
39	SPARE	20 A	1			0 VA	0 VA			1	20 A	SPARE	40
41	SPARE	20 A	1					0 VA	0 VA	1	20 A	SPARE	42
			Total Load:	3179 VA		4722 VA		4714 VA					
			Total Amps:	26 A		41 A		41 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	3448 VA	100.00%	3448 VA		
Lighting	175 VA	125.00%	219 VA	**Total Conn. Load:**	12615 VA
Other	7012 VA	100.00%	7012 VA	**Total Est. Demand:**	12659 VA
Outlet	1980 VA	100.00%	1980 VA	**Total Conn.:**	35 A
				Total Est. Demand:	35 A

Notes:

Branch Panel: HE3

Location: MECHANICAL 150
Supply From:
Mounting:
Enclosure:
Volts: 480/277 Wye
Phases: 3
Wires: 4
A.I.C. Rating:
Mains Type:
Mains Rating: 100 A
MCB Rating: 60 A

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	PANEL LE3	20 A	3	3954	750					1	20 A	EM. LTG.	2
3	--	--	--			2294	764			1	20 A	EM. LTG.	4
5	--	--	--					3540	512	1	20 A	EM. LTG.	6
7	EM. LTG.	20 A	1	1762	384					1	20 A	EM. LTG. STAIRS	8
9	EM. LTG.	20 A	1			1000							10
11													12
13													14
15													16
17													18
			Total Load:	6850 VA		4058 VA		4052 VA					
			Total Amps:	25 A		15 A		15 A					

2

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	2908 VA	100.00%	2908 VA		
Lighting	4542 VA	125.00%	5678 VA	**Total Conn. Load:**	13960 VA
Other	4170 VA	100.00%	4170 VA	**Total Est. Demand:**	15096 VA
Power	720 VA	100.00%	720 VA	**Total Conn.:**	17 A
Outlet	1620 VA	100.00%	1620 VA	**Total Est. Demand:**	18 A

Notes:

Branch Panel: L3E

Location: MECHANICAL 150
Supply From: 9 KVA XFMR
Mounting:
Enclosure:
Volts: 120/208 Wye
Phases: 3
Wires: 4
A.I.C. Rating:
Mains Type:
Mains Rating: 60 A
MCB Rating: 35 A

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	ATC PANEL	20 A	1	500	500					1	20 A	ATC PANEL	2
3	COMM 102	20 A	1			360	360			1	20 A	COMM 102	4
5	COMM 102	20 A	1					360	360	1	20 A	COMM 102	6
7	HVAC	20 A	2	104	750					2	20 A	Other	8
9	--	--	--			104	750			--	--	--	10
11	Other	20 A	2					750	1350	2	20 A	HVAC	12
13	--	--	--	750	1350					--	--	--	14
15	Other	20 A	1			540	180			1	20 A	Outlet	16
17	Power	20 A	1					720					18
			Total Load:	3954 VA		2294 VA		3540 VA					
			Total Amps:	35 A		19 A		31 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	2908 VA	100.00%	2908 VA		
Other	3540 VA	100.00%	3540 VA	**Total Conn. Load:**	8788 VA
Power	720 VA	100.00%	720 VA	**Total Est. Demand:**	8788 VA
Outlet	1620 VA	100.00%	1620 VA	**Total Conn.:**	24 A
				Total Est. Demand:	24 A

Notes:

MECHANICAL EQUIPMENT SCHEDULE

2 2 2 2

NAME OF MECHANICAL EQUIPMENT	AIR COOLED CONDENSING UNIT (SPLIT SYSTEM	AIR COOLED CONDENSING UNIT (SPLIT SYSTEM	AIR COOLED CONDENSING UNIT (SPLIT SYSTEM	AIR COOLED CONDENSING UNIT (SPLIT SYSTEM	AIR HANDLING UNIT	CONDENSATE PUMP	CABINET UNIT HEATER	DOMESTIC RECIRCULATION PUMP	EXHAUST FAN	EXHAUST FAN	EXHAUST FAN	ELECTRICAL RADIANT CEILING PANEL	ELEVATOR	FAN COIL UNIT	PUMP	RELIEF FAN	RELIEF FAM	STEAM CONDENSATE PUMP	SUPPLY FAN	SUPPLY FAN	SUPPLY FAN	SUPPLY FAN	ELECTRIC UNIT HEATER	WATER HEATER	WATER HEATER	WATER HEATER	WATER HEATER	WATER HEATER	WATER METER	WATER METER
MOTOR DATA																														
EQUIPMENT NO.	ACC-1	CU-1	ACC-2	CU-2	ACC-3	CU-3	AHU-1	CP-1	CUH-1	DCP-1	EF-1	EF-2	EF-3	ERP-1	EL-1	FCU-1	P-1	RF-1	RF-2	SCP-1	SF-1	SF-2	SF-3	SF-4	UH-1	WH-1	WH-2	WH-3	WH-4	WH-5	WM-1	WM-2
RATING/WATTS	--	--	--	--	--	--	(4)15 HP	1/30 HP	1/10 HP	.12 HP	1/2 HP	47W	258W	750W	60 HP	1/2 HP	30 HP	10 HP	10 HP	1/3 HP	15 HP	15 HP	15 HP	15 HP	1/20 HP	90 KW	90 KW	3.5	3.5	3.5	--	--
VOLTAGE	208	208	208	208	208	208	480	120	120	120	120	120	120	120	480	120	480	480	480	120	480	480	480	480	120	480	480	277	277	277	120	120
PHASE	1	1	1	1	1	1	3	1	1	1	1	1	1	1	3	1	3	3	3	1	3	3	3	3	1	3	3	1	1	1	1	1
AMPS	1	13	1	13	1	13	--	--	--	--	8	--	--	--	--	--	38.3	--	--	--	20	20	20	20	--	--	--	--	--	--	--	--
WIRE SIZE	2#12	2#12	2#12	2#12	2#12	2#12	3#2	2#12	2#12	2#12	2#12	2#12	2#12	2#12	3#2/0	2#12	3#6	3#10	3#10	2#12	3#10	3#10	3#10	3#10	2#12	3#2/0	3#2/0	2#12	2#12	2#12	2#12	2#12
GROUND WIRE	1#12	1#12	1#12	1#12	1#12	1#12	1#6	1#12	1#12	1#12	1#12	1#12	1#12	1#12	1#6	1#12	1#8	1#10	1#10	1#12	1#10	1#10	1#10	1#10	1#12	1#6	1#6	1#12	1#12	1#12	1#12	1#12
CONDUIT SIZE	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	1-1/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	2"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	3/4"	2"	2"	3/4"	3/4"	3/4"	3/4"	3/4"
FUSE DISC. SW.	--	60	--	60	--	60	--	--	--	--	--	--	--	--	200	--	--	--	--	--	--	--	--	--	--	200	200	--	--	--	--	--
TYPE RKI FUSES	--	20	--	35	--	20	--	--	--	--	--	--	--	--	150	--	--	--	--	--	--	--	--	--	--	150	150	--	--	--	--	--
NON-FUSE SW.	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
NOTES	2	1	2	1	2	1	6	2	2	2	2	2	2	2	1	2	4	4	4	2	4	4	4	4	2	1	1	2	2	2	2	2

NOTES:

1. STARTER IS FURNISHED WITH THE UNIT. PROVIDE SITE DISCONNECT.
2. PROVIDE THERMAL OVERLOAD SWITCH. VERIFY VOLTAGE.
3. PROVIDE COMBINATION STARTER & DISCONNECT (HOA) W/ (2) N.O. & N.C. CONTACTS.
4. UNIT FURNISHED WITH VFD. PROVIDE SITE FUSED DISCONNECT WITH ELECTRICAL INTERLOCK.
5. TIE-INTO FIRE ALARM SYSTEM FOR AUTOMATIC OPERATION.
6. UNIT FURNISHED WITH FUSED DISCONNECT.

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DFCM CODE COMPLIANCE STAMP

Stromberg Student Activity Center

Stromberg Addition - BID SET
Weber State University
3750 Harrison Blvd. Ogden, UT 84408

Rev #	Date	Description
2	10-19-12	Addendum #3

Job # 4317
CAD File
Drawn PB Checked AM
Date 10.03.2012
Owner #

PANEL SCHEDULES

EE-006

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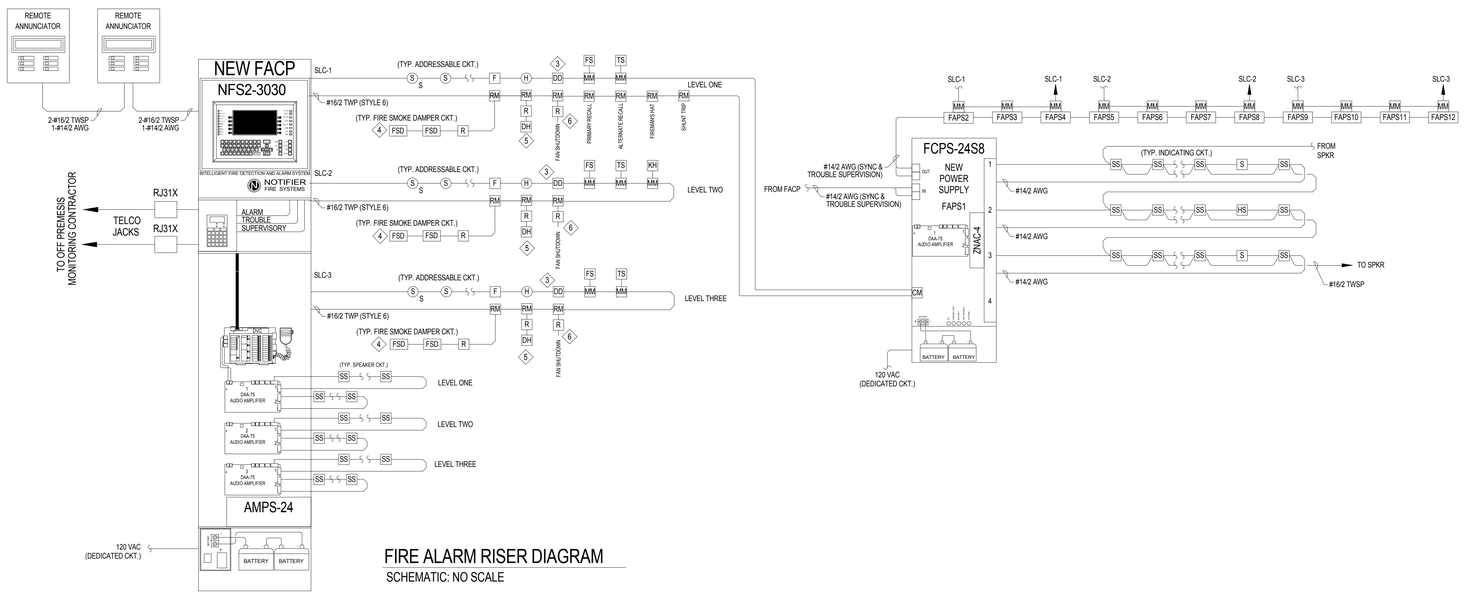

FIRE ALARM RISER DIAGRAM

SCHEMATIC: NO SCALE

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FIRE ALARM RISER DIAGRAM & SCHEDULES

EE-007

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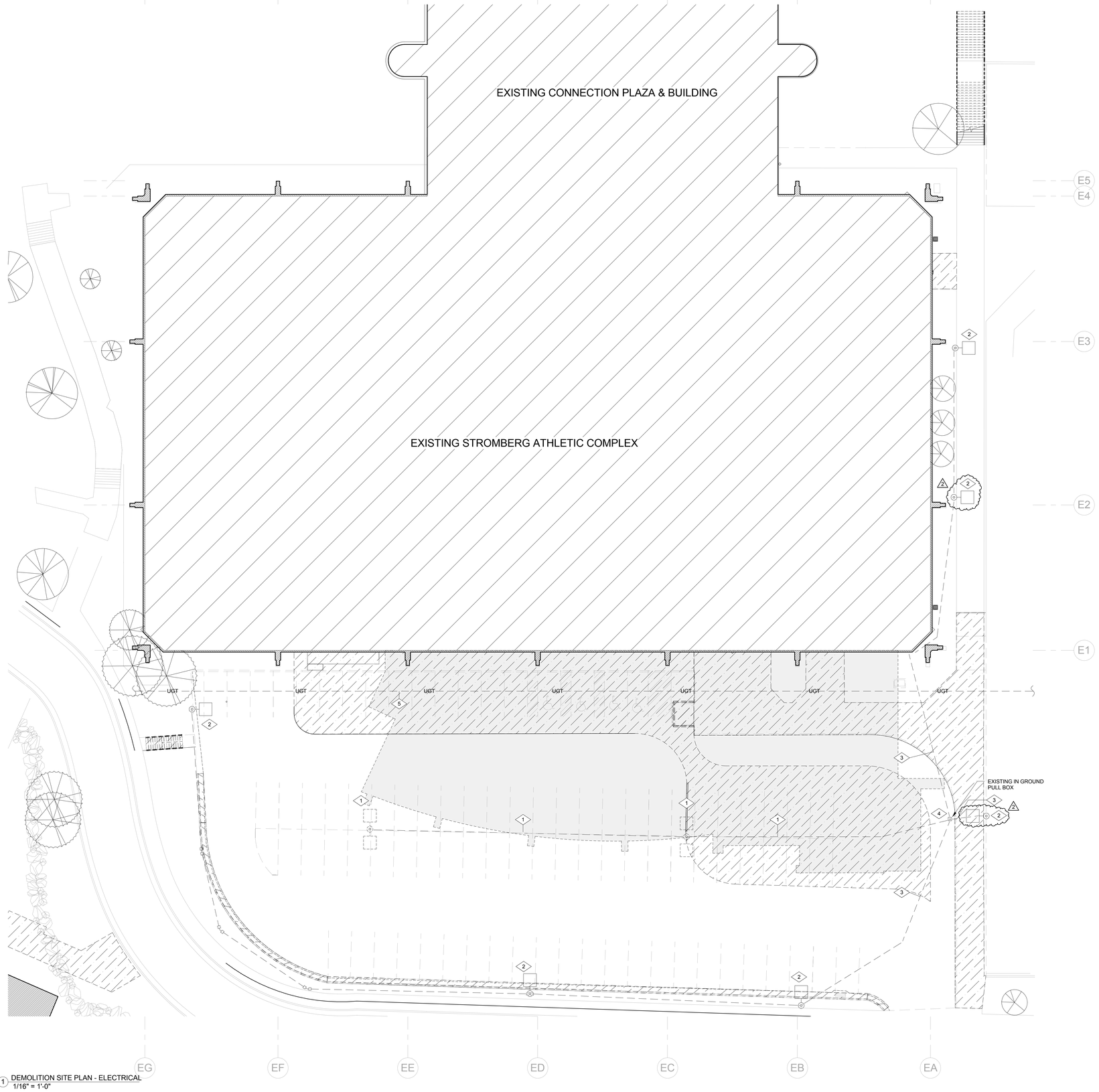

1 DEMOLITION SITE PLAN - ELECTRICAL
1/16" = 1'-0"

REFERENCE NOTES:

1. REMOVE EXISTING POLE LIGHT FIXTURE, ASSOCIATED CONDUIT AND CONDUCTORS ALL THE WAY BACK TO THE EXISTING PULL BOX. UTILIZE ONE OF THE POLE IN NEW LOCATION SHOWN ON SHEET ES-101.
2. EXISTING LIGHT POLES ARE TO REMAIN. MAINTAIN CIRCUIT INTEGRITY DURING CONSTRUCTION AND AFTER CONSTRUCTION UPON COMPLETION OF CONSTRUCTION OF NEW ADDITION TIE TO NEW PANEL AS SHOWN ON SHEET ES-101. FIELD VERIFY WORK INVOLVED.
3. REMOVE EXISTING TROMBERUNS, ASSOCIATED CONDUIT AND CONDUCTORS. EXTEND EXISTING CIRCUITS TO NEW PANEL IN NEW ADDITION THROUGH NEW TIME CLOCK. PROVIDE NEW CONDUIT AND CONDUCTORS FOR A COMPLETE INSTALLATION.
4. REMOVE EXISTING PULL BOX, ASSOCIATED CONDUIT AND CONDUCTORS. ~~EXTEND EXISTING CIRCUIT TO NEW PANEL IN NEW ADDITION.~~
5. PRIOR TO EXCAVATION FOR NEW PROJECT, CONTRACTOR IS TO LOCATE AND EXPOSE THE EXISTING UNDERGROUND CONNUMICATION LINE TO VERIFY NUMBER OF BURIED CABLES AND IF THEY ARE ABANDONED IN PLACE. COORDINATE WITH WSU NETCOM GROUP.

SPECIAL NOTE:

1. CONTRACTOR IS TO PROVIDE TEMPORARY POWER TO THE EXISTING POLE MOUNTED LIGHT FIXTURES DURING THE CONSTRUCTION. AT THE END OF THE PROJECT, TIE THE CIRCUIT IN NEW PANEL THROUGH THE NEW TIME CLOCK.

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DEMOLITION SITE PLAN - ELECTRICAL

EDS-101

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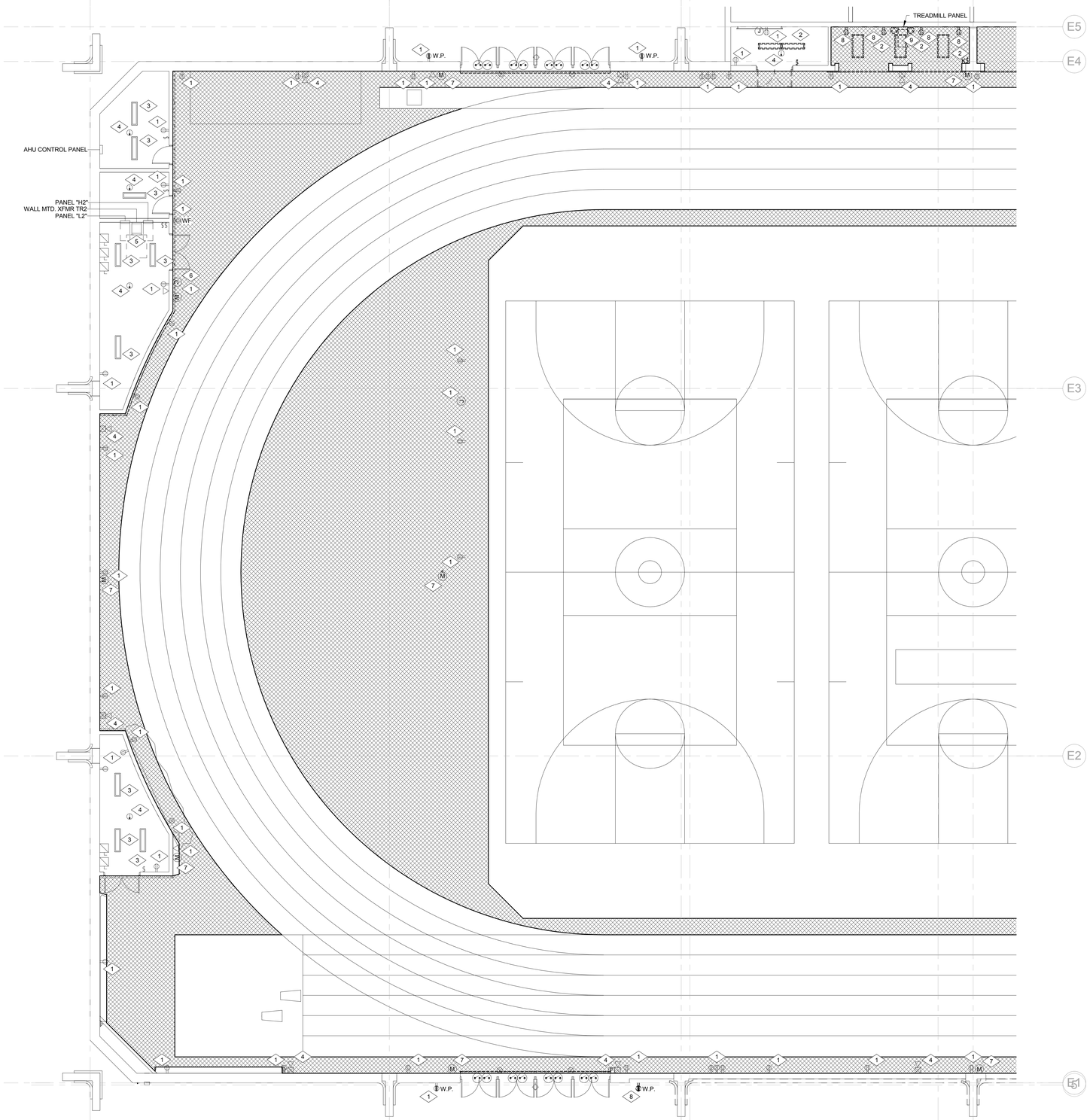


LEVEL 01 DEMOLITION FLOOR PLAN
AREA A - ELECTRICAL
1/8" = 1'-0"

GENERAL DEMOLITION NOTES:

1. UNDER DEMOLITION THE INTENT OF ELECTRICAL WORK IS TO REMOVE ALL ELECTRICAL DEVICES, LIGHT FIXTURES, CONDUIT, CONDUCTORS, J-BOXES, FIRE ALARM DEVICES, CAMERAS, BELLS, SPEAKERS, PANELBOARD, VOICE/DATA CABLING, VOICE/DATA OUTLETS, ETC. UNLESS INDICATED OTHERWISE. CONDUITS AND J-BOXES IN CONCRETE, MASONRY, AND BLOCK WALLS CAN BE LEFT IN THE WALLS AND REUSED FOR NEW DEVICES AS POSSIBLE. ALL ELECTRICAL EQUIPMENT INCLUDING LIGHT FIXTURES, PANELBOARDS, ETC., WILL BE NEW. BUILDING SHALL BE STRIPPED OF ALL MATERIALS.
2. ALL MATERIAL MUST BE REMOVED AND DISPOSED OF BY DEMOLITION CONTRACTOR, UNLESS INDICATED OTHERWISE ON DEMOLITION PLANS.
3. EXISTING DEMOLITION MATERIALS CAN NOT BE REUSED UNLESS INDICATED OTHERWISE.
4. ELECTRICAL CONTRACTOR IS TO PROVIDE TEMPORARY LIGHTING AND POWER FOR OTHER TRADES DURING DEMOLITION WORK. COORDINATE THIS WORK WITH THE GENERAL CONTRACTOR.
5. DEMOLITION CONTRACTOR IS TO REMOVE ALL ELECTRICAL CONNECTIONS AND CONTROL WIRING TO ALL THE EXISTING MECHANICAL EQUIPMENT IN THE REMODEL AREA, ETC. AS INDICATED. REMOVE ALL CONDUIT AND CONDUCTORS ALL THE WAY BACK TO PANELBOARDS. COORDINATE THIS WORK WITH MECHANICAL CONTRACTOR.
6. ALL MATERIALS TO BE REMOVED FROM THE PREMISES BY THE DEMOLITION CONTRACTOR.
7. PRIOR TO SUBMITTING A BID THE DEMOLITION CONTRACTOR SHALL INSPECT THE SITE AND INCLUDED IN HIS BID PACKAGE ALL CHARGES DUE TO EXISTING CONDITIONS.
8. ANY DAMAGE DONE TO EXISTING EQUIPMENT WHICH IS TO REMAIN WILL BE DEMOLITION CONTRACTOR RESPONSIBILITY TO REPLACE THEM WITH NEW ONES.

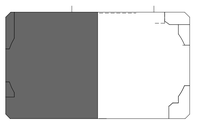
SPECIAL NOTE:

1. CONTRACTOR MUST REFER TO MECHANICAL DEMOLITION WORK FOR ADDITIONAL ELECTRICAL WORK REQUIRED FOR MECHANICAL EQUIPMENTS.
2. AT THE END OF THE PROJECT ALL EXISTING MOTION SENSORS IN THE ENTIRE ARENA MUST BE READY TESTED AND ARMED PROPERLY FOR PROPER OPERATION. THIS WORK MUST BE DONE BY WATTSTOPPER MANUFACTURER REPRESENTATIVE. COORDINATE WITH ENGINEER FOR ZONING OF THE AREAS.

REFERENCE NOTES:

1. EXISTING DEVICES ARE TO REMAIN. MAKE ANY MODIFICATIONS REQUIRED TO MAINTAIN CIRCUIT INTEGRITY TO THESE DEVICES. PROVIDE CONDUIT AND CONDUCTORS AS NEEDED.
2. REMOVE EXISTING LIGHT FIXTURES, LIGHT SWITCHES, OCCUPANCY SENSORS, EXIT SIGNS, AND ASSOCIATED CONDUIT AND CONDUCTORS ALL THE WAY BACK TO PANELBOARD WHETHER OR NOT SHOWN ON THE PLANS UNLESS INDICATED OTHERWISE. UTILIZE EXISTING HOME RUNS AS POSSIBLE FOR NEW LIGHT FIXTURES.
3. EXISTING LIGHT FIXTURES AND SWITCHES ARE TO REMAIN. MAKE ANY MODIFICATIONS REQUIRED TO MAINTAIN CIRCUIT INTEGRITY TO THESE DEVICES.
4. EXISTING FIRE ALARM DEVICES ARE TO REMAIN. MAINTAIN CIRCUIT INTEGRITY TO THESE DEVICES. PROVIDE CONDUIT AND CONDUCTORS AS NEEDED.
5. EXISTING ELECTRICAL PANELBOARDS ARE TO REMAIN. PRIMARY AND SECONDARY POWER TO THESE PANELBOARDS NEED TO BE REROUTED TO NEW LOCATION OF THE STEP DOWN TRANSFORMER.
6. EXISTING CLOCK IS TO REMAIN. MAKE ANY MODIFICATIONS REQUIRED TO MAINTAIN CIRCUIT INTEGRITY.
7. EXISTING MICROPHONE IS TO REMAIN. MAKE ANY MODIFICATIONS REQUIRED TO MAINTAIN CIRCUIT INTEGRITY.
8. REMOVE EXISTING ELECTRICAL DEVICES AND ASSOCIATED CONDUIT AND CONDUCTORS ALL THE WAY BACK TO PANELBOARD.
9. REMOVE EXISTING PANELBOARD, ASSOCIATED CONDUIT, CONDUCTORS, FEEDERS, BRANCH CIRCUITS, ETC. ALL THE WAY BACK TO ORIGINATION POINT.

KEY PLAN



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MICHAEL WILLIAMS
#172577
10-03-12
STATE OF UTAH

DFCM CODE COMPLIANCE STAMP

Stromberg Student Activity Center

Stromberg Addition - BID SET

Weber State University
3750 Harrison Blvd. Ogden, UT 84408

Rev #	Date	Description

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Drawn PB Checked AM
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Owner #

LEVEL 01 DEMOLITION FLOOR PLAN AREA A - ELECTRICAL

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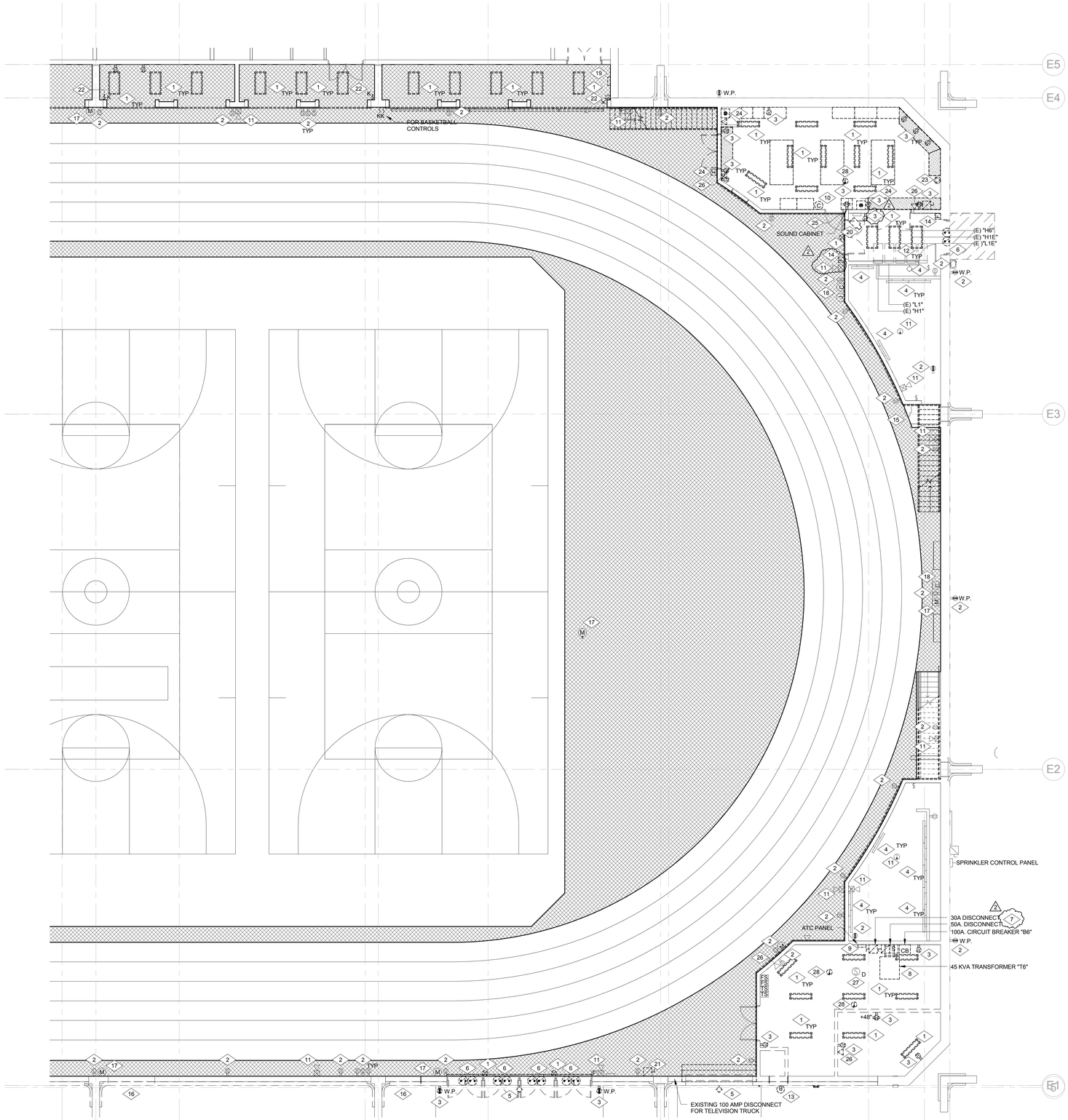


LEVEL 01 DEMOLITION FLOOR PLAN AREA B - ELECTRICAL
1/8" = 1'-0"

GENERAL DEMOLITION NOTES:

1. UNDER DEMOLITION THE INTENT OF ELECTRICAL WORK IS TO REMOVE ALL ELECTRICAL DEVICES, LIGHT FIXTURES, CONDUIT, CONDUCTORS, J-BOXES, FIRE ALARM DEVICES, CAMERAS, BELLS, SPEAKERS, PANELBOARD, VOICE/DATA CABLING, VOICE/DATA OUTLETS, ETC. UNLESS INDICATED OTHERWISE. CONDUITS AND J-BOXES IN CONCRETE, MASONRY, AND BLOCK WALLS CAN BE LEFT IN THE WALLS AND REUSED FOR NEW DEVICES AS POSSIBLE. ALL ELECTRICAL EQUIPMENT INCLUDING LIGHT FIXTURES, PANELBOARDS, ETC., WILL BE NEW. BUILDING SHALL BE STRIPPED OF ALL MATERIALS.
2. ALL MATERIAL MUST BE REMOVED AND DISPOSED OF BY DEMOLITION CONTRACTOR, UNLESS INDICATED OTHERWISE ON DEMOLITION PLANS.
3. EXISTING DEMOLITION MATERIALS CAN NOT BE REUSED UNLESS INDICATED OTHERWISE.
4. ELECTRICAL CONTRACTOR IS TO PROVIDE TEMPORARY LIGHTING AND POWER FOR OTHER TRADES DURING DEMOLITION WORK. COORDINATE THIS WORK WITH THE GENERAL CONTRACTOR.
5. DEMOLITION CONTRACTOR IS TO REMOVE ALL ELECTRICAL CONNECTIONS AND CONTROL WIRING TO ALL THE EXISTING MECHANICAL EQUIPMENT IN THE REMODEL AREA, ETC. AS INDICATED. REMOVE ALL CONDUIT AND CONDUCTORS ALL THE WAY BACK TO PANELBOARDS. COORDINATE THIS WORK WITH MECHANICAL CONTRACTOR.
6. ALL MATERIALS TO BE REMOVED FROM THE PREMISES BY THE DEMOLITION CONTRACTOR.
7. PRIOR TO SUBMITTING A BID THE DEMOLITION CONTRACTOR SHALL INSPECT THE SITE AND INCLUDED IN HIS BID PACKAGE ALL CHARGES DUE TO EXISTING CONDITIONS.
8. ANY DAMAGE DONE TO EXISTING EQUIPMENT WHICH IS TO REMAIN WILL BE DEMOLITION CONTRACTOR RESPONSIBILITY TO REPLACE THEM WITH NEW ONES.

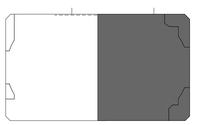
SPECIAL NOTE:

1. CONTRACTOR MUST REFER TO MECHANICAL DEMOLITION WORK FOR ADDITIONAL ELECTRICAL WORK REQUIRED FOR MECHANICAL EQUIPMENTS.
2. AT THE END OF THE PROJECT ALL EXISTING MOTION SENSORS IN THE ENTIRE ARENA MUST BE READY TESTED AND ARMED PROPERLY FOR PROPER OPERATION. THIS WORK MUST BE DONE BY WATTSTOPPER MANUFACTURER REPRESENTATIVE. COORDINATE WITH ENGINEER FOR ZONING OF THE AREAS.

REFERENCE NOTES:

1. REMOVE EXISTING LIGHT FIXTURES, LIGHT SWITCHES, OCCUPANCY SENSORS, EXIT SIGNS, AND ASSOCIATED CONDUIT AND CONDUCTORS ALL THE WAY BACK TO PANELBOARD WHETHER OR NOT SHOWN ON THE PLANS UNLESS INDICATED OTHERWISE. UTILIZE EXISTING HOME RUNS AS POSSIBLE FOR NEW LIGHT FIXTURES.
2. EXISTING DEVICES ARE TO REMAIN. MAKE ANY MODIFICATIONS REQUIRED TO MAINTAIN CIRCUIT INTEGRITY TO THESE DEVICES. PROVIDE CONDUIT AND CONDUCTORS AS NEEDED.
3. REMOVE EXISTING ELECTRICAL DEVICES AND ASSOCIATED CONDUIT AND CONDUCTORS ALL THE WAY BACK TO PANELBOARD.
4. EXISTING LIGHT FIXTURES AND SWITCHES ARE TO REMAIN. MAKE ANY MODIFICATIONS REQUIRED TO MAINTAIN CIRCUIT INTEGRITY TO THESE DEVICES.
5. REMOVE EXISTING EXTERIOR LIGHT FIXTURES. MAINTAIN CIRCUIT INTEGRITY TO THE REST OF LIGHT FIXTURES WHICH ARE TO REMAIN. PROVIDE CONDUIT AND CONDUCTORS AS NEEDED.
6. REMOVE EXISTING SECURITY DOOR CONTACTS AND ASSOCIATED CONDUIT AND CONDUCTORS ALL THE WAY BACK TO THEIR ORIGINATION POINTS.
7. RELOCATE EXISTING 50A COMBINATION STARTER/DISCONNECT AND EXISTING 30A DISCONNECT TO STOR./MAINT. 209 ON FLOOR ABOVE. REFER TO SHEET EP-101B. INTERCEPT EXISTING CONDUIT AND CONDUCTORS AND EXTEND TO THEIR NEW LOCATION FOR A COMPLETE INSTALLATION.
8. REMOVE EXISTING 100 AMP CIRCUIT BREAKER, 45 KVA STEP DOWN TRANSFORMER FOR TV TRUCK, AND ASSOCIATED CONDUIT AND CONDUCTORS ALL THE WAY TO THEIR ORIGINATION POINT (PANEL H6). DELIVER THE TRANSFORMER TO ELECTRICAL SHOP WAREHOUSE.
9. EXISTING ATC PANEL IS BEING RELOCATED BY MECHANICAL CONTRACTOR TO SECOND LEVEL STORAGE ROOM. REMOVE EXISTING 120 VOLT POWER AND ASSOCIATED CONDUIT AND CONDUCTORS. COORDINATE WITH MECHANICAL CONTRACTOR.
10. REMOVE EXISTING CLOCK AND ASSOCIATED CONDUIT AND CONDUCTORS ALL THE WAY BACK TO THEIR ORIGINATION POINT.
11. EXISTING FIRE ALARM DEVICES ARE TO REMAIN. MAINTAIN CIRCUIT INTEGRITY TO THESE DEVICES. PROVIDE CONDUIT AND CONDUCTORS AS NEEDED.
12. EXISTING ELECTRICAL PANELBOARDS ARE TO REMAIN. PRIMARY AND SECONDARY POWER TO THESE PANELBOARDS NEED TO BE REROUTED TO NEW LOCATION OF THE STEP DOWN TRANSFORMER.
13. EXISTING BELL IS BEING RELOCATED BY THE MECHANICAL CONTRACTOR.
14. REMOVE EXISTING FIRE ALARM PULL STATION, ASSOCIATED CONDUIT AND CONDUCTORS ALL THE WAY BACK TO ORIGINATION POINT.
15. EXISTING SECURITY CAMERA TO REMAIN. MAKE ANY MODIFICATIONS REQUIRED TO MAINTAIN CIRCUIT INTEGRITY.
16. EXISTING WALL IS BEING OPENED FOR NEW DOORS. REROUTE ANY EXISTING CONDUIT AND CONDUCTORS IN THIS WALL TO ALLOW INTALLATION OF NEW DOORS AND OPENINGS. COORDINATE WITH GENERAL CONTRACTOR.
17. EXISTING MICROPHONE IS TO REMAIN. MAKE ANY MODIFICATIONS REQUIRED TO MAINTAIN CIRCUIT INTEGRITY.
18. EXISTING CLOCK IS TO REMAIN. MAKE ANY MODIFICATIONS REQUIRED TO MAINTAIN CIRCUIT INTEGRITY.
19. REMOVE AND REPLACE EXISTING FIRE ALARM CONTROL PANEL. EXTEND ALL FIRE ALARM LOOPS, ASSOCIATED CONDUIT, CONDUCTORS, ETC. TO NEW LOCATION FIRE ALARM CONTROL PANEL SHOWN ON SHEET EP-101B.
20. REMOVE EXISTING CAMERA ASSOCIATED CONDUIT AND CONDUCTORS ALL THE WAY BACK TO ORIGINATION POINTS.
21. REMOVE EXISTING 100 AMP DISCONNECT ASSOCIATED CONDUIT AND CONDUCTORS ALL THE WAY BACK TO ITS ORIGINATION POINT.
22. REMOVE EXISTING KEY SWITCHES ASSOCIATED CONDUIT AND CONDUCTORS.
23. EXISTING WALL IS BEING FURRED OUT. PROVIDE EXTENTION BOX AS NEEDED TO INSTALL THE EXISTING OUTLET IN NEW WALL. COORDINATE WITH GENERAL CONTRACTOR.
24. REMOVE EXISTING PUSH BUTTON, ASSOCIATED CONDUIT AND CONDUCTORS ALL THE WAY BACK TO THE ORIGINATION POINTS. REMOVE DOOR HOLDERS, ETC. REMOVE ANY CONDUIT AND CONDUCTORS IN THE WALL WHICH IS BEING DEMOLISHED.
25. REMOVE AND RELOCATE EXISTING SOUND CABINET ASSOCIATED CONDUIT AND CONDUCTORS. EXTEND EXISTING CONDUIT AND CONDUCTORS TO NEW LOCATION. FIELD VERIFY WORK INVOLVED. REFER TO SHEET EP-101B FOR NEW LOCATION.
26. REMOVE EXISTING V/D OUTLET ASSOCIATED CONDUIT AND CONDUCTORS ALL THE WAY BACK TO THEIR ORIGINATION POINTS.
27. EXISTING DUCT DETECTORS ARE TO REMAIN. MAINTAIN CIRCUIT INTEGRITY.
28. REMOVE EXISTING FIRE ALARM DEVICES, ASSOCIATED CONDUIT AND CONDUCTORS. MAINTAIN CIRCUIT INTEGRITY TO DEVICES WHICH ARE TO REMAIN.

KEY PLAN



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Stromberg Student Activity Center

Stromberg Addition - BID SET

Weber State University
3750 Harrison Blvd. Ogden, UT 84408

Rev #	Date	Description
2	10-19-12	Addendum #3

Job # 4317
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Date 10.03.2012
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LEVEL 01 DEMOLITION FLOOR PLAN AREA B - ELECTRICAL

ED-101B

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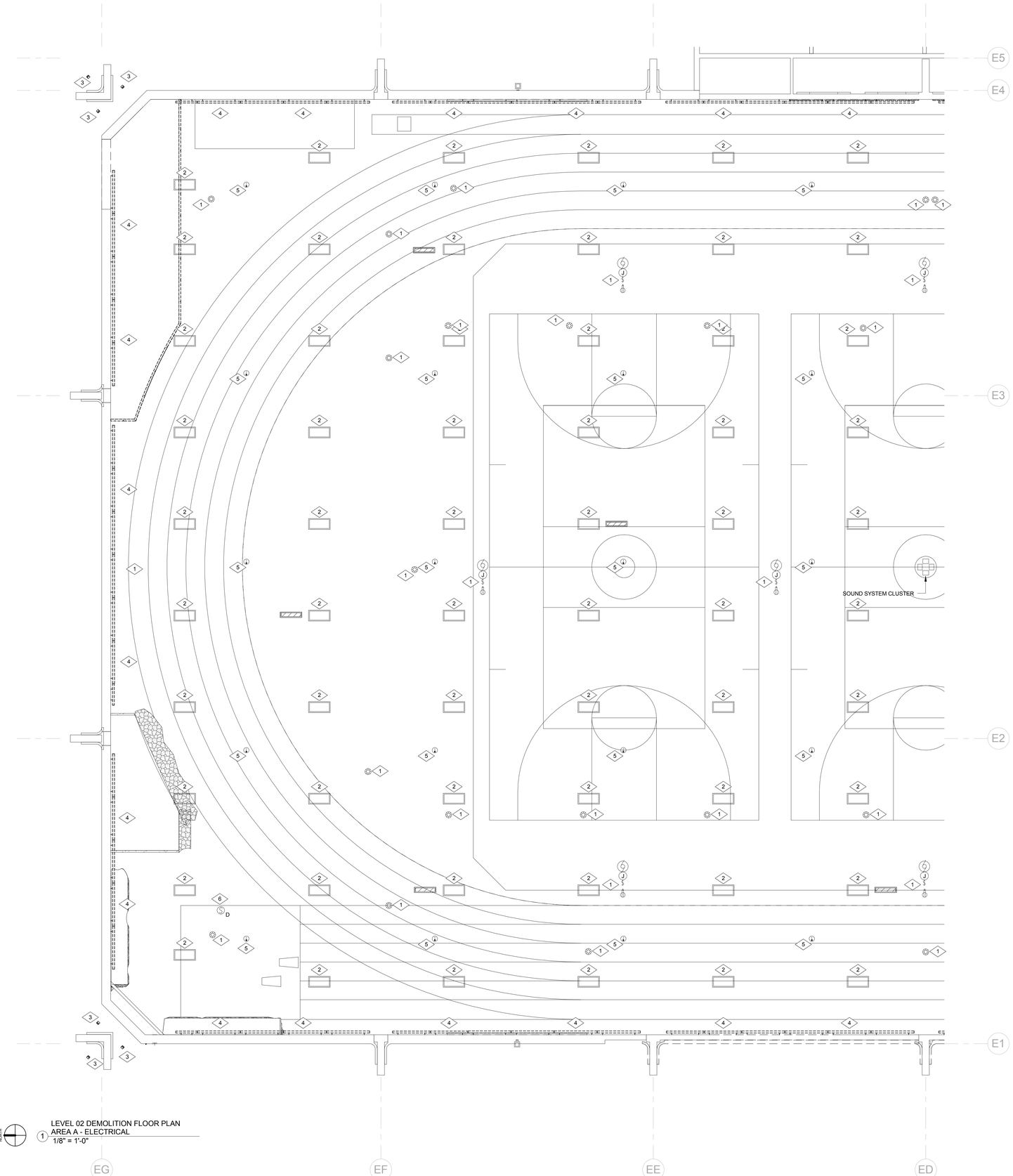


1 LEVEL 02 DEMOLITION FLOOR PLAN
AREA A - ELECTRICAL
1/8" = 1'-0"

GENERAL DEMOLITION NOTES:

1. UNDER DEMOLITION THE INTENT OF ELECTRICAL WORK IS TO REMOVE ALL ELECTRICAL DEVICES, LIGHT FIXTURES, CONDUIT, CONDUCTORS, J-BOXES, FIRE ALARM DEVICES, CAMERAS, BELLS, SPEAKERS, PANELBOARD, VOICE/DATA CABLING, VOICE/DATA OUTLETS, ETC. UNLESS INDICATED OTHERWISE. CONDUITS AND J-BOXES IN CONCRETE, MASONRY, AND BLOCK WALLS CAN BE LEFT IN THE WALLS AND REUSED FOR NEW DEVICES AS POSSIBLE. ALL ELECTRICAL EQUIPMENT INCLUDING LIGHT FIXTURES, PANELBOARDS, ETC., WILL BE NEW. BUILDING SHALL BE STRIPPED OF ALL MATERIALS.
2. ALL MATERIAL MUST BE REMOVED AND DISPOSED OF BY DEMOLITION CONTRACTOR, UNLESS INDICATED OTHERWISE ON DEMOLITION PLANS.
3. EXISTING DEMOLITION MATERIALS CAN NOT BE REUSED UNLESS INDICATED OTHERWISE.
4. ELECTRICAL CONTRACTOR IS TO PROVIDE TEMPORARY LIGHTING AND POWER FOR OTHER TRADES DURING DEMOLITION WORK. COORDINATE THIS WORK WITH THE GENERAL CONTRACTOR.
5. DEMOLITION CONTRACTOR IS TO REMOVE ALL ELECTRICAL CONNECTIONS AND CONTROL WIRING TO ALL THE EXISTING MECHANICAL EQUIPMENT IN THE REMODEL AREA, ETC. AS INDICATED. REMOVE ALL CONDUIT AND CONDUCTORS ALL THE WAY BACK TO PANELBOARDS. COORDINATE THIS WORK WITH MECHANICAL CONTRACTOR.
6. ALL MATERIALS TO BE REMOVED FROM THE PREMISES BY THE DEMOLITION CONTRACTOR.
7. PRIOR TO SUBMITTING A BID THE DEMOLITION CONTRACTOR SHALL INSPECT THE SITE AND INCLUDED IN HIS BID PACKAGE ALL CHARGES DUE TO EXISTING CONDITIONS.
8. ANY DAMAGE DONE TO EXISTING EQUIPMENT WHICH IS TO REMAIN WILL BE DEMOLITION CONTRACTOR RESPONSIBILITY TO REPLACE THEM WITH NEW ONES.

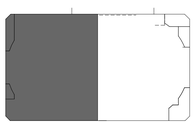
SPECIAL NOTE:

1. CONTRACTOR MUST REFER TO MECHANICAL DEMOLITION WORK FOR ADDITIONAL ELECTRICAL WORK REQUIRED FOR MECHANICAL EQUIPMENTS.
2. AT THE END OF THE PROJECT ALL EXISTING MOTION SENSORS IN THE ENTIRE ARENA MUST BE READY TESTED AND ARMED PROPERLY FOR PROPER OPERATION. THIS WORK MUST BE DONE BY WATTSTOPPER MANUFACTURER REPRESENTATIVE. COORDINATE WITH ENGINEER FOR ZONING OF THE AREAS.

REFERENCE NOTES:

1. EXISTING DEVICES ARE TO REMAIN. MAKE ANY MODIFICATIONS REQUIRED TO MAINTAIN CIRCUIT INTEGRITY TO THESE DEVICES. PROVIDE CONDUIT AND CONDUCTORS AS NEEDED.
2. EXISTING HIGH BAY LIGHT FIXTURE ARE TO REMAIN. MAKE ANY MODIFICATIONS REQUIRED TO MAINTAIN CIRCUIT INTEGRITY.
3. EXISTING UNDER CANOPY LIGHT FIXTURES ARE TO REMAIN. MAKE ANY MODIFICATIONS REQUIRED TO MAINTAIN CIRCUIT INTEGRITY.
4. REMOVE EXISTING LIGHT FIXTURES, LIGHT SWITCHES, OCCUPANCY SENSORS, EXIT SIGNS, AND ASSOCIATED CONDUIT AND CONDUCTORS ALL THE WAY BACK TO PANELBOARD WHETHER OR NOT SHOWN ON THE PLANS UNLESS INDICATED OTHERWISE. UTILIZE EXISTING HOME RUNS AS POSSIBLE FOR NEW LIGHT FIXTURES.
5. EXISTING FIRE ALARM DEVICES ARE TO REMAIN. MAINTAIN CIRCUIT INTEGRITY TO THESE DEVICES. PROVIDE CONDUIT AND CONDUCTORS AS NEEDED.
6. EXISTING DUCT DETECTORS ARE TO REMAIN. MAINTAIN CIRCUIT INTEGRITY.

KEY PLAN



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LEVEL 02 DEMOLITION FLOOR PLAN AREA A - ELECTRICAL

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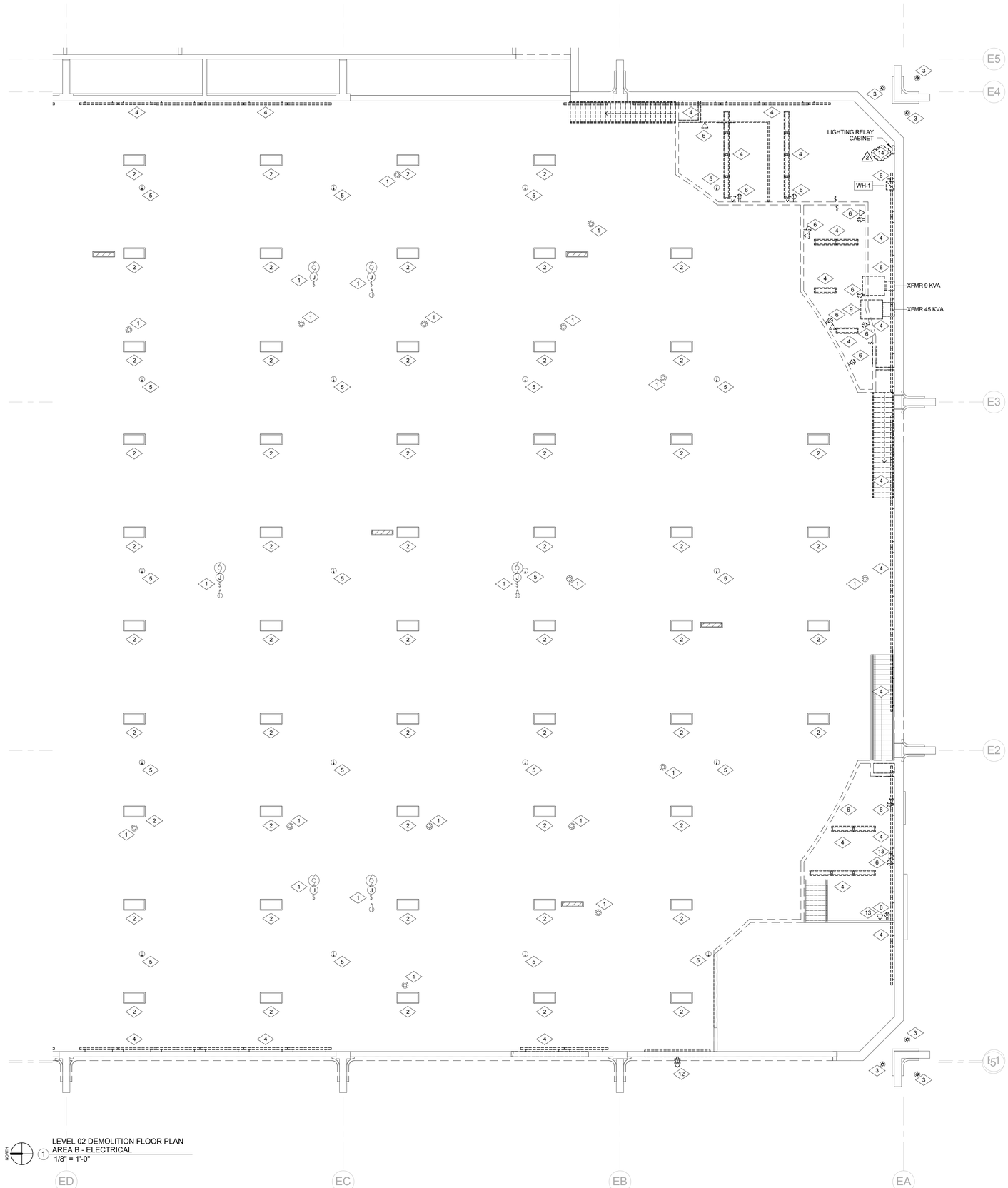
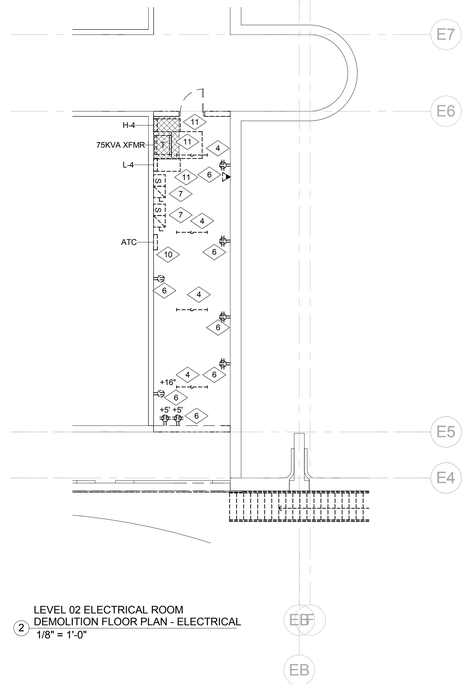


1 LEVEL 02 DEMOLITION FLOOR PLAN AREA B - ELECTRICAL
1/8" = 1'-0"



2 LEVEL 02 ELECTRICAL ROOM DEMOLITION FLOOR PLAN - ELECTRICAL
1/8" = 1'-0"

GENERAL DEMOLITION NOTES:

1. UNDER DEMOLITION THE INTENT OF ELECTRICAL WORK IS TO REMOVE ALL ELECTRICAL DEVICES, LIGHT FIXTURES, CONDUIT, CONDUCTORS, J-BOXES, FIRE ALARM DEVICES, CAMERAS, BELLS, SPEAKERS, PANELBOARD, VOICE/DATA CABLING, VOICE/DATA OUTLETS, ETC. UNLESS INDICATED OTHERWISE. CONDUITS AND J-BOXES IN CONCRETE, MASONRY, AND BLOCK WALLS CAN BE LEFT IN THE WALLS AND REUSED FOR NEW DEVICES AS POSSIBLE. ALL ELECTRICAL EQUIPMENT INCLUDING LIGHT FIXTURES, PANELBOARDS, ETC., WILL BE NEW. BUILDING SHALL BE STRIPPED OF ALL MATERIALS.
2. ALL MATERIAL MUST BE REMOVED AND DISPOSED OF BY DEMOLITION CONTRACTOR, UNLESS INDICATED OTHERWISE ON DEMOLITION PLANS.
3. EXISTING DEMOLITION MATERIALS CAN NOT BE REUSED UNLESS INDICATED OTHERWISE.
4. ELECTRICAL CONTRACTOR IS TO PROVIDE TEMPORARY LIGHTING AND POWER FOR OTHER TRADES DURING DEMOLITION WORK. COORDINATE THIS WORK WITH THE GENERAL CONTRACTOR.
5. DEMOLITION CONTRACTOR IS TO REMOVE ALL ELECTRICAL CONNECTIONS AND CONTROL WIRING TO ALL THE EXISTING MECHANICAL EQUIPMENT IN THE REMODEL AREA, ETC. AS INDICATED. REMOVE ALL CONDUIT AND CONDUCTORS ALL THE WAY BACK TO PANELBOARDS. COORDINATE THIS WORK WITH MECHANICAL CONTRACTOR.
6. ALL MATERIALS TO BE REMOVED FROM THE PREMISES BY THE DEMOLITION CONTRACTOR.
7. PRIOR TO SUBMITTING A BID THE DEMOLITION CONTRACTOR SHALL INSPECT THE SITE AND INCLUDED IN HIS BID PACKAGE ALL CHARGES DUE TO EXISTING CONDITIONS.
8. ANY DAMAGE DONE TO EXISTING EQUIPMENT WHICH IS TO REMAIN WILL BE DEMOLITION CONTRACTOR RESPONSIBILITY TO REPLACE THEM WITH NEW ONES.

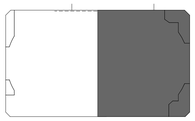
SPECIAL NOTE:

1. CONTRACTOR MUST REFER TO MECHANICAL DEMOLITION WORK FOR ADDITIONAL ELECTRICAL WORK REQUIRED FOR MECHANICAL EQUIPMENTS.
2. AT THE END OF THE PROJECT ALL EXISTING MOTION SENSORS IN THE ENTIRE ARENA MUST BE READY TESTED AND ARMED PROPERLY FOR PROPER OPERATION. THIS WORK MUST BE DONE BY WATTSTOPPER MANUFACTURER REPRESENTATIVE. COORDINATE WITH ENGINEER FOR ZONING OF THE AREAS.

REFERENCE NOTES:

1. EXISTING DEVICES ARE TO REMAIN. MAKE ANY MODIFICATIONS REQUIRED TO MAINTAIN CIRCUIT INTEGRITY TO THESE DEVICES. PROVIDE CONDUIT AND CONDUCTORS AS NEEDED.
2. EXISTING HIGH BAY LIGHT FIXTURE ARE TO REMAIN. MAKE ANY MODIFICATIONS REQUIRED TO MAINTAIN CIRCUIT INTEGRITY.
3. EXISTING UNDER CANOPY LIGHT FIXTURES ARE TO REMAIN. MAKE ANY MODIFICATIONS REQUIRED TO MAINTAIN CIRCUIT INTEGRITY.
4. REMOVE EXISTING LIGHT FIXTURES, LIGHT SWITCHES, OCCUPANCY SENSORS, EXIT SIGNS, AND ASSOCIATED CONDUIT AND CONDUCTORS ALL THE WAY BACK TO PANELBOARD WHETHER OR NOT SHOWN ON THE PLANS UNLESS INDICATED OTHERWISE. UTILIZE EXISTING HOME RUNS AS POSSIBLE FOR NEW LIGHT FIXTURES.
5. EXISTING FIRE ALARM DEVICES ARE TO REMAIN. MAINTAIN CIRCUIT INTEGRITY TO THESE DEVICES. PROVIDE CONDUIT AND CONDUCTORS AS NEEDED.
6. REMOVE EXISTING ELECTRICAL DEVICES AND ASSOCIATED CONDUIT AND CONDUCTORS ALL THE WAY BACK TO PANELBOARD.
7. RELOCATE EXISTING COMBINATION STARTER/DISCONNECTS TO NEW ELECTRICAL ROOM EAST OF THE EXISTING ARENA. REFER TO SHEET EP-101B. INTERCEPT EXISTING CONDUIT AND CONDUCTORS ABOVE CEILING PLENUM AND EXTEND CONDUIT AND CONDUCTORS TO THEIR NEW LOCATION FOR A COMPLETE INSTALLATION.
8. RELOCATE EXISTING 9 KVA STEP DOWN TRANSFORMER ABOVE CEILING OF 1ST LEVEL. ATTACH THE TRANSFORMER TO THE EXISTING WALL. RE-ROUTE PRIMARY AND SECONDARY FEEDER CONDUIT AND CONDUCTORS TO NEW LOCATION FOR A COMPLETE INSTALLATION. COORDINATE WITH GENERAL CONTRACTOR.
9. RELOCATE EXISTING 45 KVA TRANSFORMER NEXT TO THE AIR HANDLING UNIT ON THE 3RD LEVEL. REFER TO SHEET EP-103B FOR APPROXIMATE LOCATION. RUN NEW PRIMARY AND SECONDARY CONDUIT AND CONDUCTORS IN EXISTING PIPE SHAFT AND NEW WALLS. COORDINATE WITH GENERAL CONTRACTOR FOR EXACT ROUTING OF THE CONDUIT. REFER TO POWER SINGLE LINE DIAGRAM FOR MORE INFORMATION.
10. EXISTING ATC PANEL IS BEING RELOCATED TO THE NEW ELECTRICAL ROOM ON EAST SIDE OF THE EXISTING ARENA. EXTEND EXISTING 120 VOLT POWER TO NEW LOCATION. REFER TO SHEET EP-101B FOR NEW LOCATION. COORDINATE WITH MECHANICAL AND GENERAL CONTRACTOR. DO NOT RUN ANY NEW CONDUIT ON FINISHED WALLS.
11. RELOCATE EXISTING PANEL "H4", "L4" AND 75 KVA STEP DOWN TRANSFORMER TO THE NEW ELECTRICAL ROOM ON EAST SIDE OF THE EXISTING ARENA. REFER TO SHEET EP-101B. INTERCEPT EXISTING FEEDER AND BRANCH CONDUIT AND CONDUCTORS IN CEILING PLENUM OF 1ST LEVEL AND 2ND LEVEL AND EXTEND THEM TO NEW LOCATIONS. DO NOT LEAVE ANY EXPOSED CONDUIT OR BOXES ON THE FINISHED WALLS. PROVIDE WIRING GUTTER, CONDUIT, CONDUCTORS, ETC. FOR A COMPLETE INSTALLATION. POWER OUTAGE MUST BE COORDINATED AHEAD OF TIME WITH WSU. COORDINATE WITH GENERAL CONTRACTOR.
12. REMOVE EXISTING EXTERIOR LIGHT FIXTURES. MAINTAIN CIRCUIT INTEGRITY TO THE REST OF LIGHT FIXTURES WHICH ARE TO REMAIN. PROVIDE CONDUIT AND CONDUCTORS AS NEEDED.
13. REMOVE EXISTING V/D OUTLET ASSOCIATED CONDUIT AND CONDUCTORS ALL THE WAY BACK TO THEIR DESIGNATION POINTS.
14. RELOCATE EXISTING LIGHTING RELAY CABINET TO THE CLEARSTORY LEDGE ABOVE. PROVIDE UNISTRUT SUPPORTS. EXTEND ALL EXISTING CONDUIT AND CONDCUTORS TO NEW LOCATION.

KEY PLAN



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LEVEL 02 DEMOLITION FLOOR PLAN AREA B - ELECTRICAL

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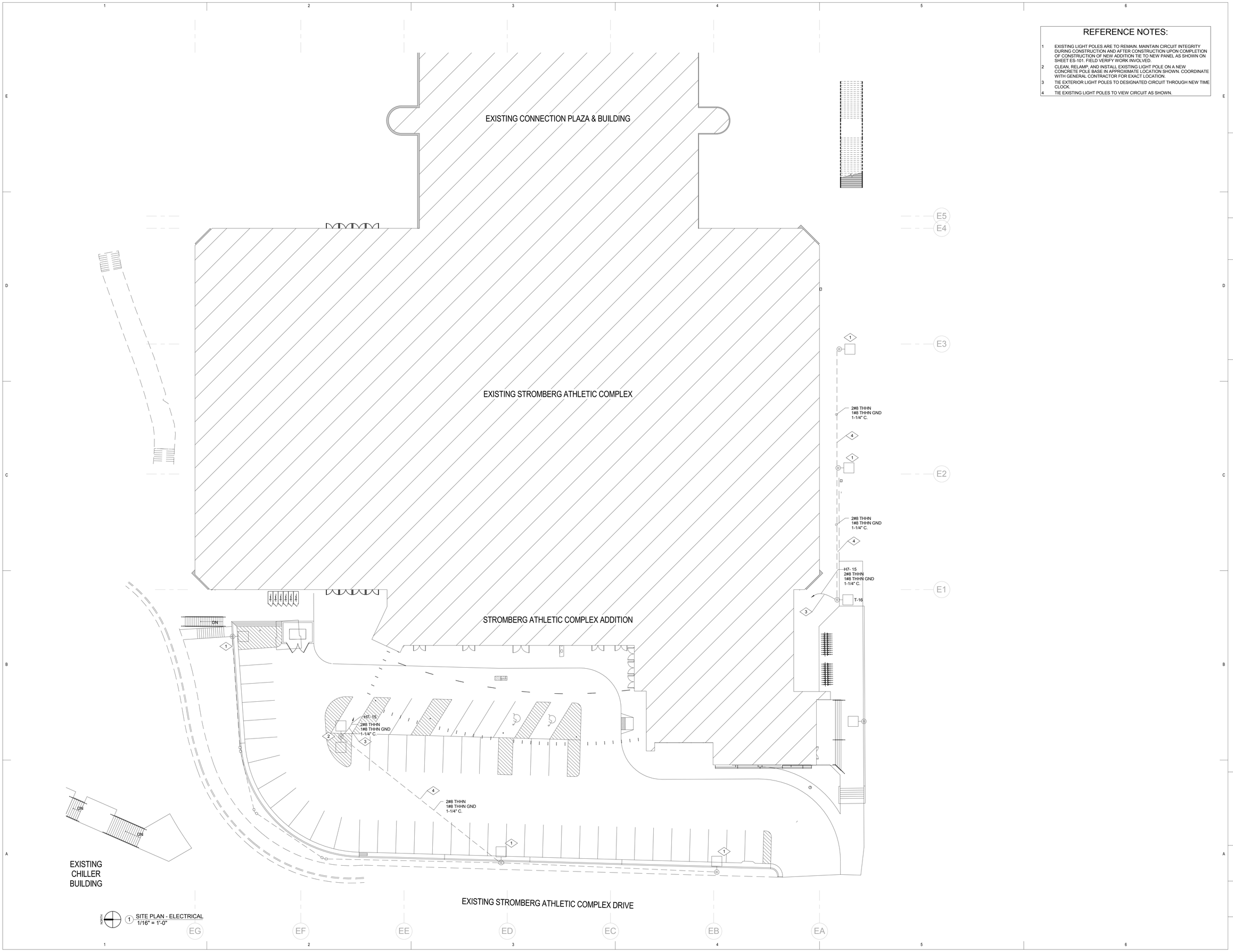

1 SITE PLAN - ELECTRICAL
1/16" = 1'-0"

REFERENCE NOTES:

1. EXISTING LIGHT POLES ARE TO REMAIN. MAINTAIN CIRCUIT INTEGRITY DURING CONSTRUCTION AND AFTER CONSTRUCTION UPON COMPLETION OF CONSTRUCTION OF NEW ADDITION TIE TO NEW PANEL AS SHOWN ON SHEET ES-101. FIELD VERIFY WORK INVOLVED.
2. CLEAN, RELAMP, AND INSTALL EXISTING LIGHT POLE ON A NEW CONCRETE POLE BASE IN APPROXIMATE LOCATION SHOWN. COORDINATE WITH GENERAL CONTRACTOR FOR EXACT LOCATION.
3. TIE EXTERIOR LIGHT POLES TO DESIGNATED CIRCUIT THROUGH NEW TIME CLOCK.
4. TIE EXISTING LIGHT POLES TO VIEW CIRCUIT AS SHOWN.

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SITE PLAN - ELECTRICAL

ES-101

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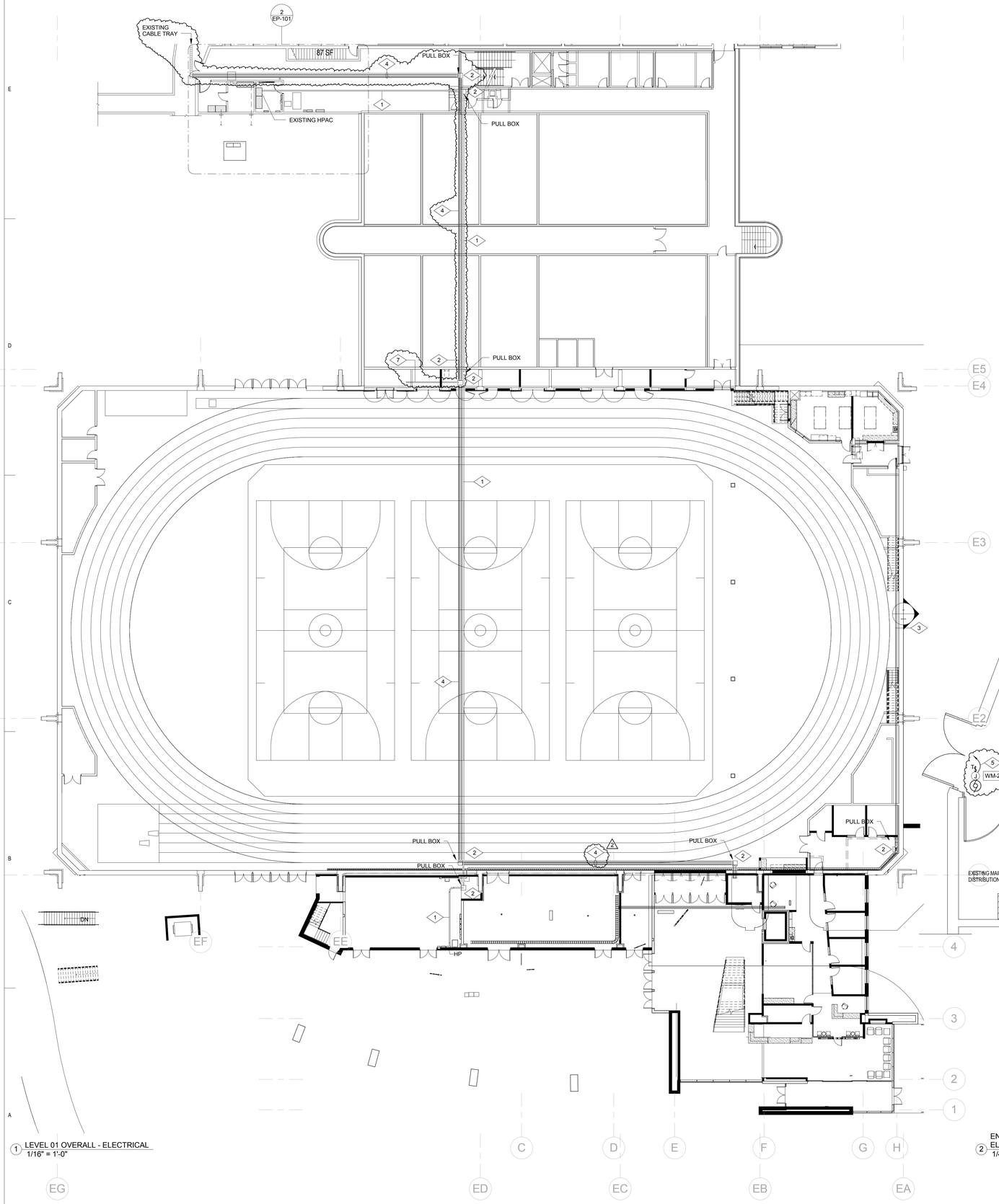
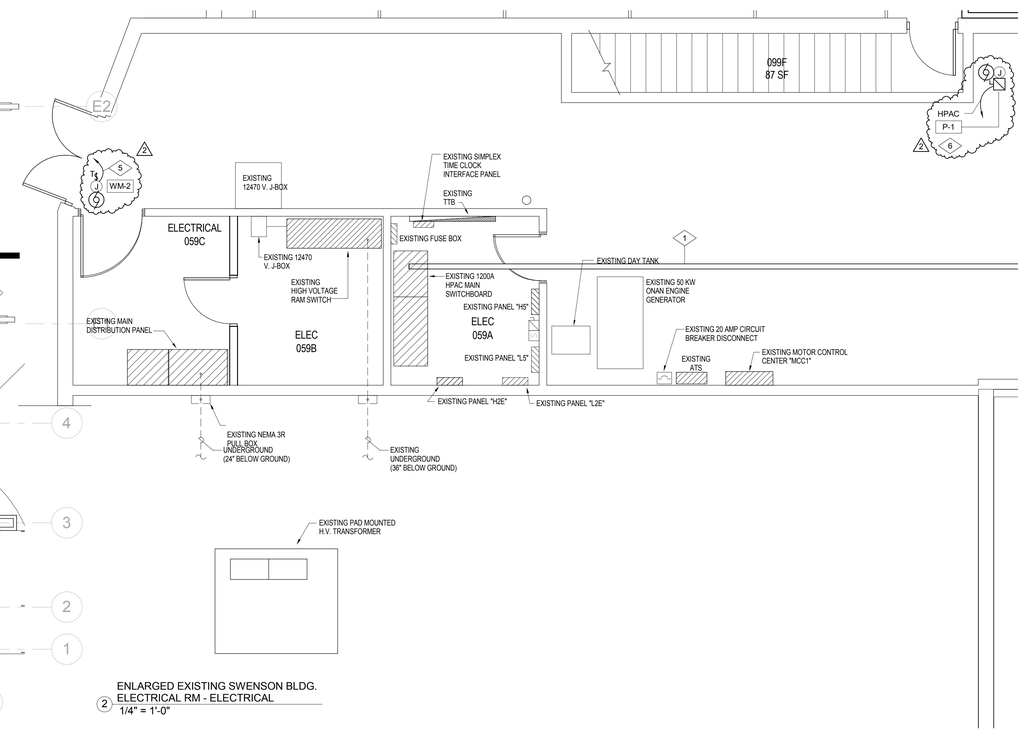


1 LEVEL 01 OVERALL - ELECTRICAL
1/16" = 1'-0"

REFERENCE NOTES:

1. RUN (2) 3" CONDUIT FROM EXISTING SWITCHBOARD "HPAC" TO NEW PANEL "HP". FOLLOW ROUTING OF NEW MECHANICAL PIPING. SEE MECHANICAL SHEETS FOR ROUTING OF PIPING.
2. FURNISH AND INSTALL A NEW PULL BOX IN THE APPROXIMATE LOCATION SHOWN.
3. RUN 1-1/2" CONDUIT FROM EXISTING EMERGENCY PANEL "H1E" TO NEW EMERGENCY PANEL "H3E" AS SHOWN.
4. RUN (2) 4" CONDUITS AND (2) 2" CONDUITS FROM THE EXISTING CABLE TRAY TO NEW COMMUNICATIONS ROOM AS SHOWN.
5. TIE WATER METER TO THE NEAREST 120 VOLT CIRCUIT.
6. TIE PUMP P-1 TO A NEW 60A, 480, 3-PHASE CIRCUIT BREAKER IN EXISTING PANEL "HPAC". NEW CIRCUIT BREAKER IS TO BE THE SAME TYPE AND RATING AS EXISTING.
7. RUN (1) ONE 3" C. FROM EXISTING COMMUNICATIONS ROOM TO NEW PULL BOX AS SHOWN.



2 ENLARGED EXISTING SWENSON BLDG. ELECTRICAL RM - ELECTRICAL
1/4" = 1'-0"

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LEVEL 01 OVERALL - ELECTRICAL

EP-101

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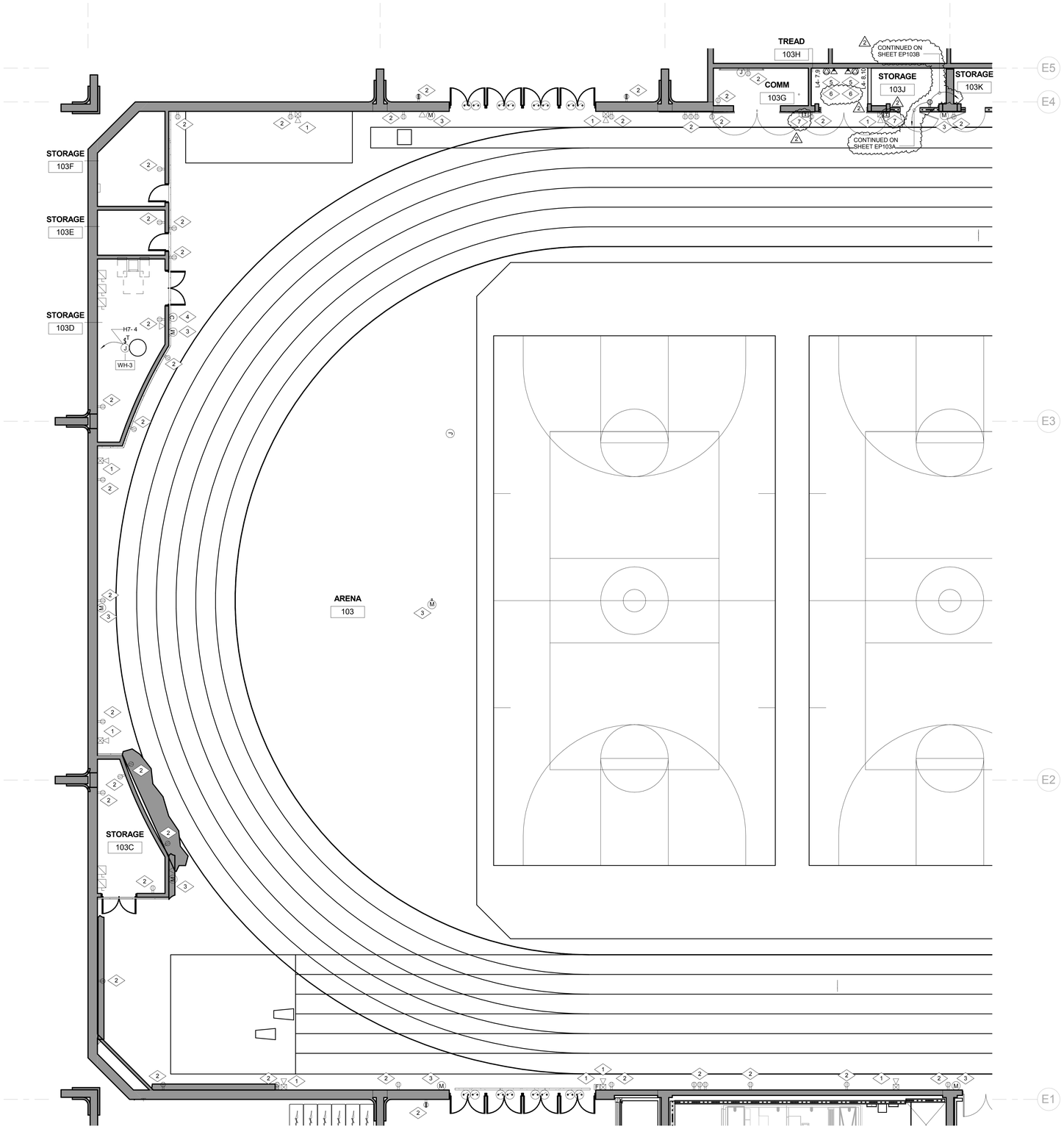
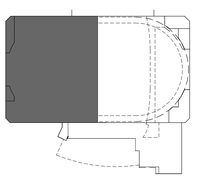


LEVEL 01 FLOOR PLAN AREA A - ELECTRICAL
1/8" = 1'-0"

REFERENCE NOTES:

1. EXISTING FIRE ALARM DEVICES ARE TO REMAIN. MAINTAIN CIRCUIT INTEGRITY TO THESE DEVICES. PROVIDE CONDUIT AND CONDUCTORS AS NEEDED.
2. EXISTING DEVICES ARE TO REMAIN. MAKE ANY MODIFICATIONS REQUIRED TO MAINTAIN CIRCUIT INTEGRITY TO THESE DEVICES. PROVIDE CONDUIT AND CONDUCTORS AS NEEDED.
3. EXISTING MICROPHONE IS TO REMAIN. MAKE ANY MODIFICATIONS REQUIRED TO MAINTAIN CIRCUIT INTEGRITY.
4. EXISTING CLOCK IS TO REMAIN. MAKE ANY MODIFICATIONS REQUIRED TO MAINTAIN CIRCUIT INTEGRITY.
5. FURNISH AND INSTALL A 4"X4"X2 1/8" DEEP BOX FOR VOICE/DATA JACKS IN THE APPROXIMATE LOCATION SHOWN. RUN TWO (2) 1" CONDUITS FROM THE J-BOX TO THE NEAREST COMMUNICATION ROOM OR CABLE TRAY. PROVIDE A PLASTIC BUSHING. INSERT PULL STRING AND LABEL.
6. COORDINATE WITH WEBER STATE FOR EXACT NEMA TYPE FOR TREADMILL OUTLET.
7. TIE MAGNETIC DOOR HOLDERS TO FIRE ALARM CONTROL PANEL FOR AUTOMATIC RELEASE. PROVIDE CONDUIT AND CONDUCTORS FOR COMPLETE INSTALLATION.

KEY PLAN



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LEVEL 01 FLOOR PLAN
AREA A - ELECTRICAL

EP-101A

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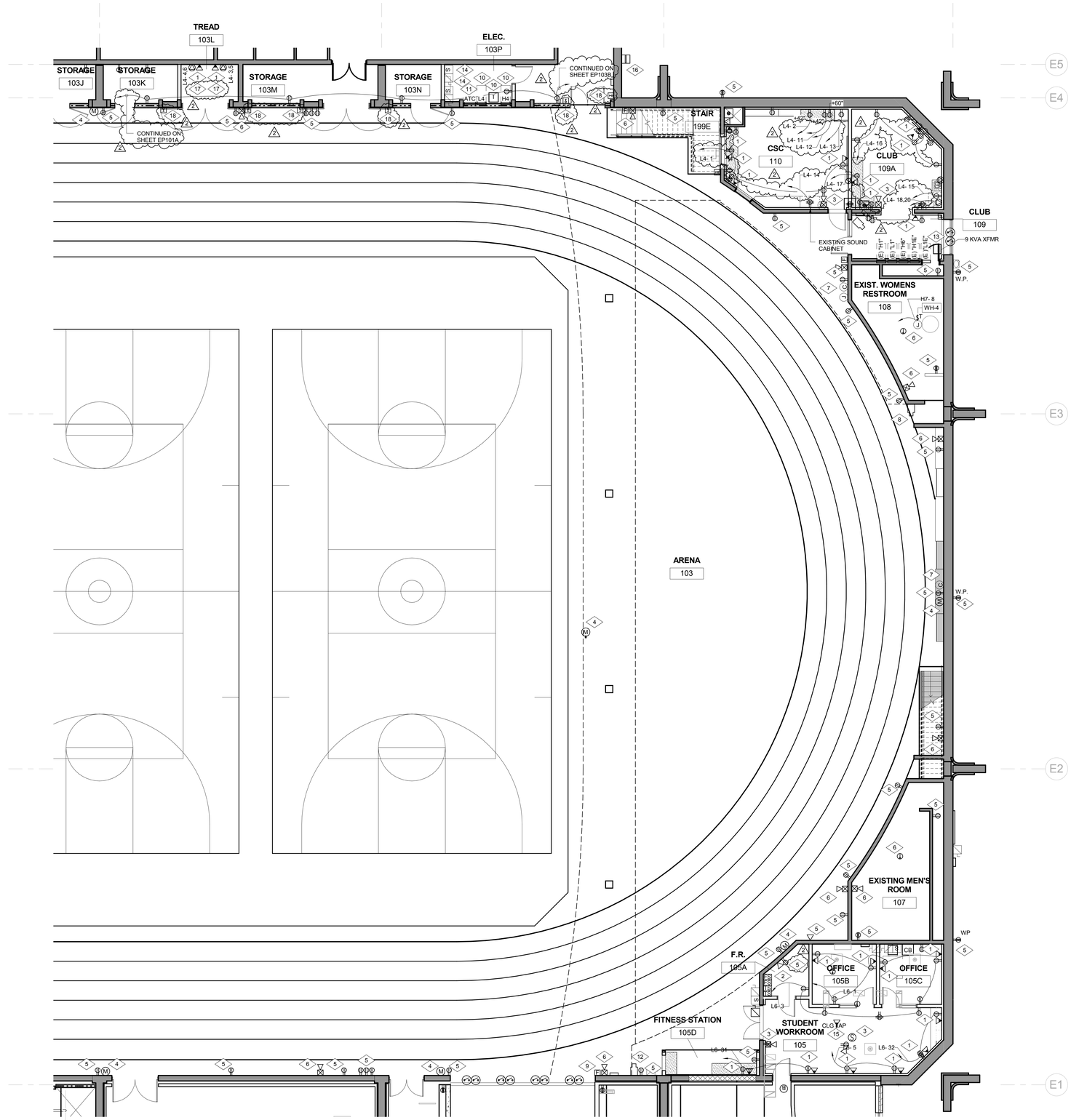
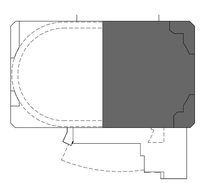


LEVEL 01 FLOOR PLAN AREA B - ELECTRICAL
1/8" = 1'-0"

REFERENCE NOTES:

1. FURNISH AND INSTALL A 4"X4"X2 1/8" DEEP BOX FOR VOICE/DATA JACKS IN THE APPROXIMATE LOCATION SHOWN. RUN TWO (2) 1" CONDUITS FROM THE J-BOX TO THE NEAREST COMMUNICATION ROOM OR CABLE TRAY. PROVIDE A PLASTIC BUSHING. INSERT PULL STRING AND LABEL.
2. TIE TAMPER AND FLOW SWITCH TO THE EXISTING FIRE ALARM CONTROL PANEL. PROVIDE MONITOR MODULES, RELAYS, ETC. AS REQUIRED.
3. FURNISH AND INSTALL NEW ADDRESSABLE FIRE ALARM DEVICES IN THE APPROXIMATE LOCATION SHOWN. TIE TO THE FIRE ALARM SYSTEM IN CLASS "A" LOOP. IN AND OUT CIRCUITS SHALL RUN IN SEPARATE CONDUITS. REFER TO THE FIRE ALARM RISER AND SPECIFICATIONS FOR MORE INFORMATION.
4. EXISTING MICROPHONE IS TO REMAIN. MAKE ANY MODIFICATIONS REQUIRED TO MAINTAIN CIRCUIT INTEGRITY.
5. EXISTING DEVICES ARE TO REMAIN. MAKE ANY MODIFICATIONS REQUIRED TO MAINTAIN CIRCUIT INTEGRITY TO THESE DEVICES. PROVIDE CONDUIT AND CONDUCTORS AS NEEDED.
6. EXISTING FIRE ALARM DEVICES ARE TO REMAIN. MAINTAIN CIRCUIT INTEGRITY TO THESE DEVICES. PROVIDE CONDUIT AND CONDUCTORS AS NEEDED.
7. EXISTING CLOCK IS TO REMAIN. MAKE ANY MODIFICATIONS REQUIRED TO MAINTAIN CIRCUIT INTEGRITY.
8. EXISTING SECURITY CAMERA TO REMAIN. MAKE ANY MODIFICATIONS REQUIRED TO MAINTAIN CIRCUIT INTEGRITY.
9. REMOVE EXISTING FIRE ALARM PULL STATION, ASSOCIATED CONDUIT AND CONDUCTORS ALL THE WAY BACK TO ORIGINATION POINT.
10. NEW LOCATIONS FOR EXISTING PANEL "H4, "L4" AND 45 KVA STEP DOWN TRANSFORMER. EXTEND ALL BRANCH CIRCUIT FEEDER CONDUIT AND CONDUCTORS TO NEW LOCATIONS FOR A COMPLETE INSTALLATION.
11. NEW LOCATION OF EXISTING ATC PANEL. EXTEND EXISTING POWER CONDUIT AND CONDUCTORS TO NEW LOCATION FOR A COMPLETE INSTALLATION.
12. FURNISH AND INSTALL J-BOXES FOR FUTURE SECURITY SYSTEM IN THE APPROXIMATE LOCATINS AS SHOWN. RUN A 3/4" CONDUIT FROM J-BOX TO THE NEAREST CABLE TRAY OR COMMUNICATION ROOM. COORDINATE WORK FOR EXACT LOCATION.
13. INSTALL EXISTING 9 KVA TRANSFORMER ABOVE THE CEILING IN THE APPROXIMATE LOCATION SHOWN. EXTEND PRIMARY AND SECONDARY FEEDER CONDUIT AND CONDUCTORS TO NEW LOCATION FOR A COMPLETE INSTALLATION.
14. NEW LOCATIONS OF EXISTING COMBO STARTER/DISCONNECTS. EXTEND EXISTING POWER CONDUIT AND CONDUCTORS TO NEW LOCATION FOR A COMPLETE INSTALLATION.
15. FURNISH AND INSTALL A 4"X4"X2-1/8" J-BOX ON THE CEILING IN THE APPROXIMATE LOCATION SHOWN FOR WIRELESS ACCESS POINT. COORDINATE EXACT LOCATION WITH WSU. RUN A 1" CONDUIT FROM J-BOX TO COMMUNICATION ROOM. INSERT PULL STRING AND LABEL.
16. FURNISH AND INSTALL A J-BOX IN OUTSIDE WALL FOR FUTURE CARD READER. RUN A 3/4" CONDUIT FROM THIS J-BOX TO A J-BOX INSIDE THE BUILDING IN CEILING PLENUM. RUN A CONDUIT FROM THE DOOR JAM TO THE SECURITY J-BOX. COORDINATE THIS WORK WITH I.T. SHOP AND ARCHITECT. SEE CARD READER DETAIL FOR MORE INFORMATION.
17. COORDINATE WITH WEBER STATE FOR EXACT NEMA TYPE FOR TREADMILL OUTLET.
18. TIE MAGNETIC DOOR HOLDERS TO FIRE ALARM CONTROL PANEL FOR AUTOMATIC RELEASE. PROVIDE CONDUIT AND CONDUCTORS FOR COMPLETE INSTALLATION.

KEY PLAN



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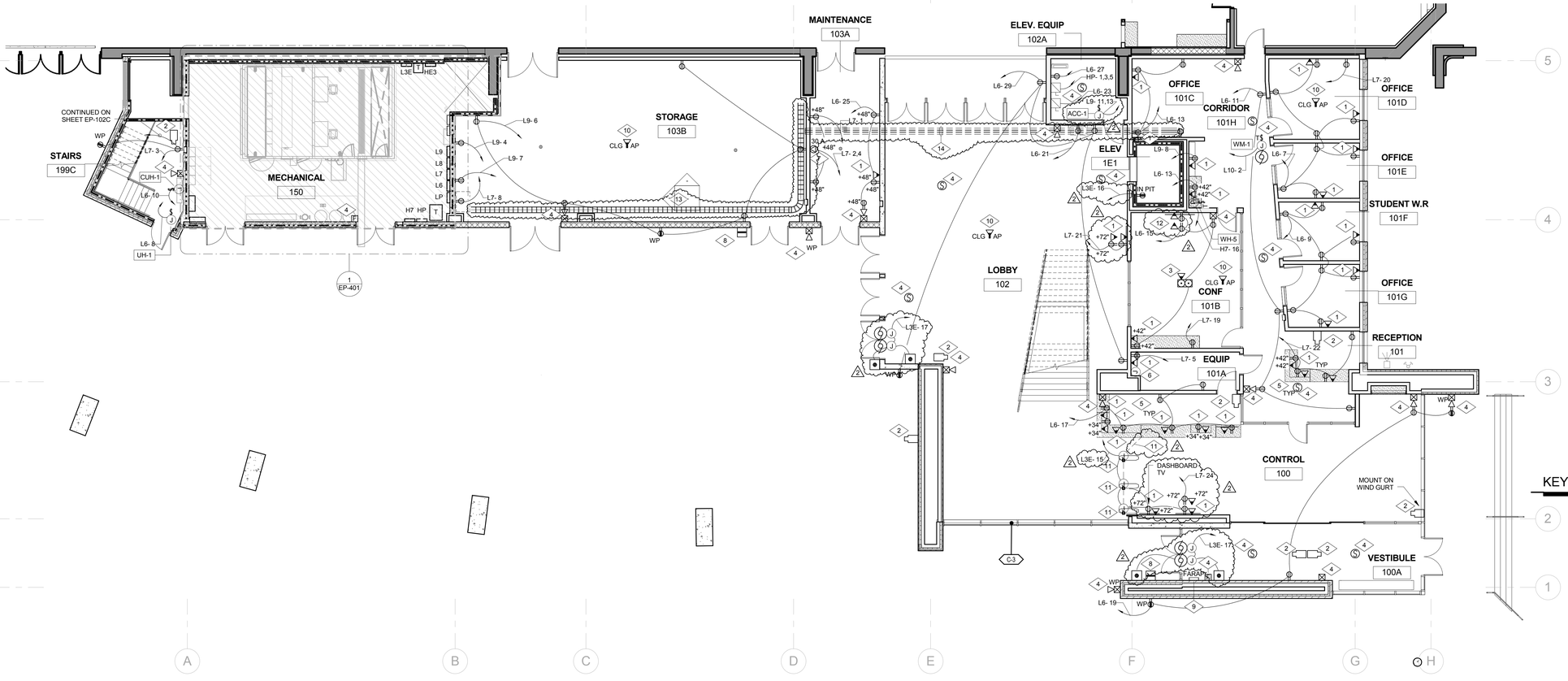
LEVEL 01 FLOOR PLAN
AREA B - ELECTRICAL

EP-101B

10/19/2012 2:13:52 PM

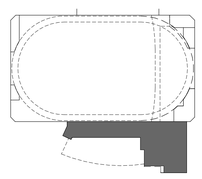
REFERENCE NOTES:

1. FURNISH AND INSTALL A 4"X4"X2 1/8" DEEP BOX FOR VOICE/DATA JACKS IN THE APPROXIMATE LOCATION SHOWN. RUN TWO (2) 1" CONDUITS FROM THE J-BOX TO THE NEAREST COMMUNICATION ROOM OR CABLE TRAY. PROVIDE A PLASTIC BUSHING. INSERT PULL STRING AND LABEL.
2. FURNISH AND INSTALL J-BOXES FOR FUTURE SECURITY SYSTEM IN THE APPROXIMATE LOCATINS AS SHOWN. RUN A 3/4" CONDUIT FROM J-BOX TO THE NEAREST CABLE TRAY OR COMMUNICATION ROOM. COORDINATE WORK FOR EXACT LOCATION.
3. FURNISH AND INSTALL NEW FLUSH FLOOR OUTLET (HUBBELL #HBLCF8401BASE/HBLTCGNTBKSW/HBLDE301SGY) WITH TWO DUPLEX OUTLETS AND BLACK COVER PLATE. RUN TWO (2) 1" CONDUITS FOR VOICE/DATA TO NEAREST COMMUNICATIONS ROOM OR CABLE TRAY. RUN AN ADDITIONAL 1" CONDUIT TO THE DATA BOX UNDER THE TV. COORDINATE THE EXACT LOCATION WITH THE ARCHITECT AND OWNER PRIOR TO ROUGH IN. RUN (2)1" CONDUITS FROM THE FLOOR BOX TO COMMUNICATION ROOM. PROVIDE PULL STRING AND LABEL.
4. FURNISH AND INSTALL NEW ADDRESSABLE FIRE ALARM DEVICES IN THE APPROXIMATE LOCATION SHOWN. TIE TO THE FIRE ALARM SYSTEM IN CLASS "A" LOOP. IN AND OUT CIRCUITS SHALL RUN IN SEPARATE CONDUITS. REFER TO THE FIRE ALARM RISER AND SPECIFICATIONS FOR MORE INFORMATION.
5. INSTALL THE DEVICES IN THE APPROXIMATE LOCATION IN THE MILLWORK. COORDINATE THE EXACT LOCATIONS OF OUTLETS, STUB-UPS, AND CONDUIT ROUTES WITH THE MILLWORK SUPPLIER PRIOR TO ROUGH IN.
6. FURNISH AND INSTALL A 4"X4"X2 1/8" DEEP BOX FOR A/V IN THE APPROXIMATE LOCATION SHOWN. RUN TWO (2) 2" CONDUITS FROM THE J-BOX TO THE NEAREST COMMUNICATION ROOM OR CABLE TRAY. PROVIDE A PLASTIC BUSHING. INSERT PULL STRING AND LABEL.
7. SPECIAL OUTLET. 2#10, 1#10 NEUTRAL, 1#10 GROUND. VERIFY NEMA TYPE WITH WSU ELECTRICAL SHOP.
8. FURNISH AND INSTALL A J-BOX IN OUTSIDE WALL FOR FUTURE CARD READER. RUN A 3/4" CONDUIT FROM THIS J-BOX TO A J-BOX INSIDE THE BUILDING IN CEILING PLENUM. RUN A CONDUIT FROM THE DOOR JAM TO THE SECURITY J-BOX. COORDINATE THIS WORK WITH I.T. SHOP AND ARCHITECT. SEE CARD READER DETAIL FOR MORE INFORMATION.
9. FURNISH AND INSTALL FIRE ALARM REMOTE ANNUNCIATION PANEL IN THE APPROXIMATE LOCATION SHOWN. TIE TO THE NEW FIRE ALARM CONTROL PANEL.
10. FURNISH AND INSTALL A 4"X4"X2 1/8" J-BOX ON THE CEILING IN THE APPROXIMATE LOCATION SHOWN FOR WIRELESS ACCESS POINT. COORDINATE EXACT LOCATION WITH WSU. RUN A 1" CONDUIT FROM J-BOX TO COMMUNICATION ROOM. INSERT PULL STRING AND LABEL.
11. RUN 1" CONDUIT FROM EACH TURNSTILE BACK TO RECEPTIONIST DESK. COORDINATE EXACT STUB UP LOCATION WITH WSU. ISNERT PULL STRING AND LABEL. TIE TO CIRCUIT INDICATED.
12. FURNISH AND INSTALL A 4"X4"X2 1/8" DEEP BOX FOR VOICE/DATA JACKS IN THE APPROXIMATE LOCATION SHOWN. RUN TWO (2) 1" CONDUITS FROM THE J-BOX TO THE A/V BOX IN EQUIPMENT ROOM 101A. INSERT PULL STRING AND LABEL.
13. FURNISH AND INSTALL A 12" WIDE LADDER TYPE ALUMINUM CABLE TRAY. CENTER HUNG WITH 6" RUNG SPACING, 4" HIGH B-LINE OR APPROVED EQUAL. SUPPORT THE CABLE TRAY WITH 1/2" THREADED RODS EVERY 6'-0" AT EACH CORNER AND JOINTS. PROVIDE BONDING JUMPER AT ALL THE JOINTS AND GROUND THE TRAY WITH #6 THHN GROUND CONDUCTOR TO GROUND BUS BAR IN COMMUNICATION ROOM. COORDINATE WITH ARCHITECT FOR EXACT HEIGHT AND LOCATION.
14. RUN THREE (3) 3" CONDUIT FROM THE CABLE TRAY IN STORAGE 103B TO COMMUNICATION ROOM 201. STUB THE CONDUIT 3" A.F.F. COORDINATE WITH WSU NETCOM FOR EXACT LOCATION OF STUB UPS.



LEVEL 01 FLOOR PLAN AREA C - ELECTRICAL
1/8" = 1'-0"

KEY PLAN



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DFCM CODE COMPLIANCE STAMP

Stromberg Student Activity Center

Stromberg Addition - BID SET

Weber State University
3750 Harrison Blvd. Ogden, UT 84408

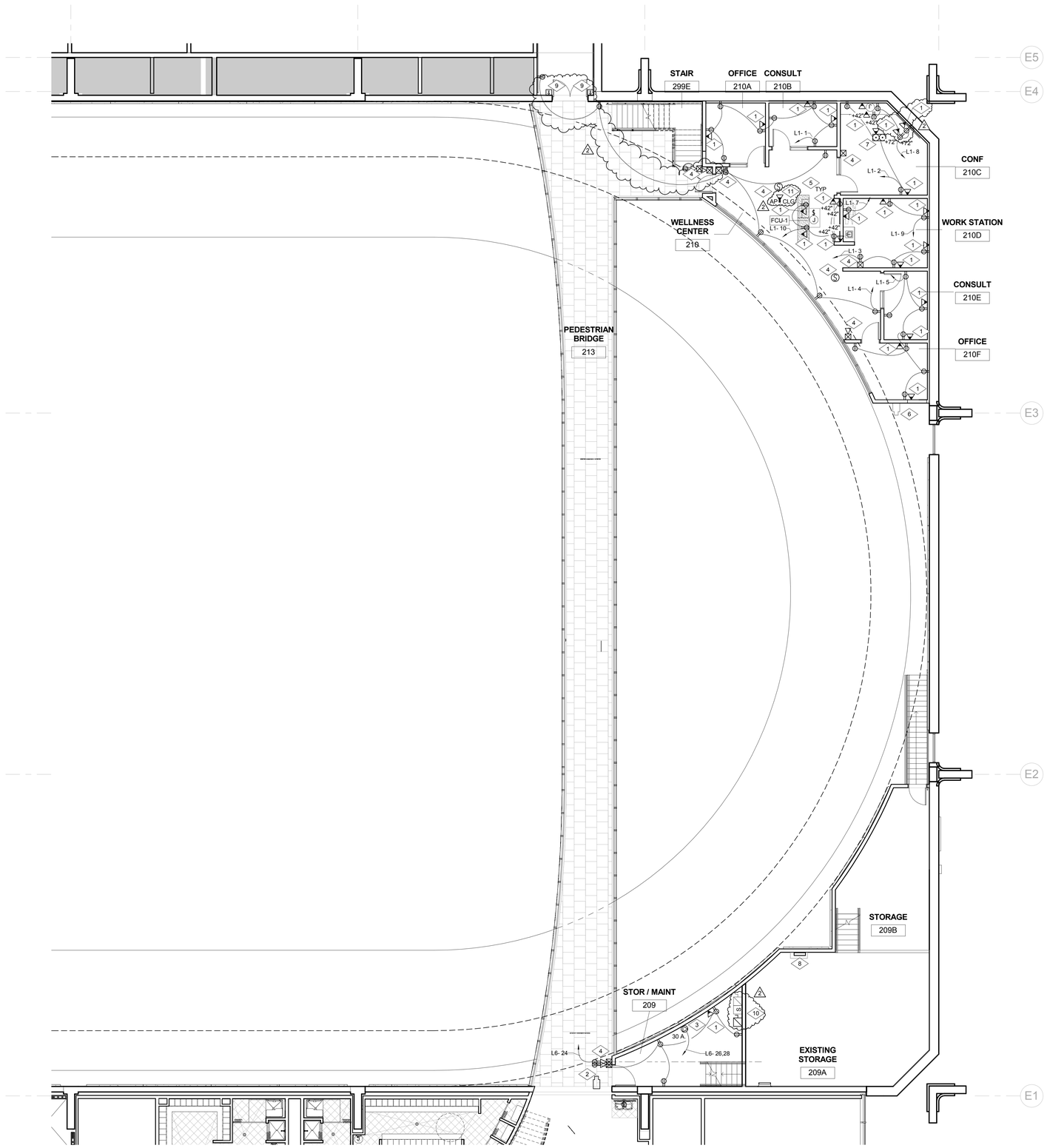
Rev #	Date	Description
2	10-19-12	Addendum #3

Job # 4317
CAD File
Drawn PB Checked AM
Date 10.03.2012
Owner #

LEVEL 01 FLOOR PLAN
AREA C - ELECTRICAL

EP-101C

10/19/2012 2:13:53 PM

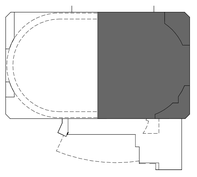


LEVEL 02 FLOOR PLAN AREA B - ELECTRICAL
1/8" = 1'-0"

REFERENCE NOTES:

1. FURNISH AND INSTALL A 4"X4"X2 1/8" DEEP BOX FOR VOICE/DATA JACKS IN THE APPROXIMATE LOCATION SHOWN. RUN TWO (2) 1" CONDUITS FROM THE J-BOX TO THE NEAREST COMMUNICATION ROOM OR CABLE TRAY. PROVIDE A PLASTIC BUSHING. INSERT PULL STRING AND LABEL.
2. FURNISH AND INSTALL J-BOXES FOR FUTURE SECURITY SYSTEM IN THE APPROXIMATE LOCATINS AS SHOWN. RUN A 3/4" CONDUIT FROM J-BOX TO THE NEAREST CABLE TRAY OR COMMUNICATION ROOM. COORDINATE WORK FOR EXACT LOCATION.
3. SPECIAL OUTLET. 2#10, 1#10 NEUTRAL, 1#10 GROUND. VERIFY NEMA TYPE WITH WSU ELECTRICAL SHOP.
4. FURNISH AND INSTALL NEW ADDRESSABLE FIRE ALARM DEVICES IN THE APPROXIMATE LOCATION SHOWN. TIE TO THE FIRE ALARM SYSTEM IN CLASS "A" LOOP. IN AND OUT CIRCUITS SHALL RUN IN SEPARATE CONDUITS. REFER TO THE FIRE ALARM RISER AND SPECIFICATIONS FOR MORE INFORMATION.
5. INSTALL THE DEVICES IN THE APPROXIMATE LOCATION IN THE MILLWORK. COORDINATE THE EXACT LOCATIONS OF OUTLETS, STUB-UPS, AND CONDUIT ROUTES WITH THE MILLWORK SUPPLIER PRIOR TO ROUGH IN.
6. EXISTING SECURITY CAMERA TO REMAIN. MAKE ANY MODIFICATIONS REQUIRED TO MAINTAIN CIRCUIT INTEGRITY.
7. FURNISH AND INSTALL NEW FLUSH POKE THRU (HUBBELL #S1PTAVFIT/S1SP/S1*FCBL WITH DUPLEX OUTLET AND BLACK COVER PLATE. RUN TWO (2) 1" CONDUITS FOR VOICE/DATA TO NEAREST COMMUNICATIONS ROOM OR CABLE TRAY. RUN AN ADDITIONAL 1" CONDUIT TO THE DATA BOX UNDER THE TV. COORDINATE THE EXACT LOCATION WITH THE ARCHITECT AND OWNER PRIOR TO ROUGH IN.
8. NEW LOCATION OF EXISTING ATC PANEL. EXTEND EXISTING CONDUIT AND CONDUCTORS TO NEW LOCATION FOR A COMPLETE INSTALLATION.
9. TIE MAGNETIC DOOR HOLDERS TO FIRE ALARM CONTROL PANEL FOR AUTOMATIC RELEASE. PROVIDE CONDUIT AND CONDUCTORS FOR COMPLETE INSTALLATION.
10. NEW LOCATION OF EXISTING 50A COMBO STARTER/DISCONNEC AND 30A DISCONNECT. EXTEND EXISTING CONDUIT AND CONDUCTORS TO NEW LOCATION.
11. FURNISH AND INSTALL A 4"X4"X2-1/8" J-BOX ON THE CEILING IN THE APPROXIMATE LOCATION SHOWN FOR WIRELESS ACCESS POINT. COORDINATE EXACT LOCATION WITH WSU. RUN A 1" CONDUIT FROM J-BOX TO COMMUNICATION ROOM. INSERT PULL STRING AND LABEL.

KEY PLAN



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LICENSED PROFESSIONAL ARCHITECT
JAMES A. MCKEE
#172577
10-03-12
STATE OF UTAH

DFCM CODE COMPLIANCE STAMP

Stromberg Student Activity Center

Stromberg Addition - BID SET

Weber State University
3750 Harrison Blvd. Ogden, UT 84408

Rev #	Date	Description
2	10-19-12	Addendum #3

Job # 4317
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Date 10.03.2012
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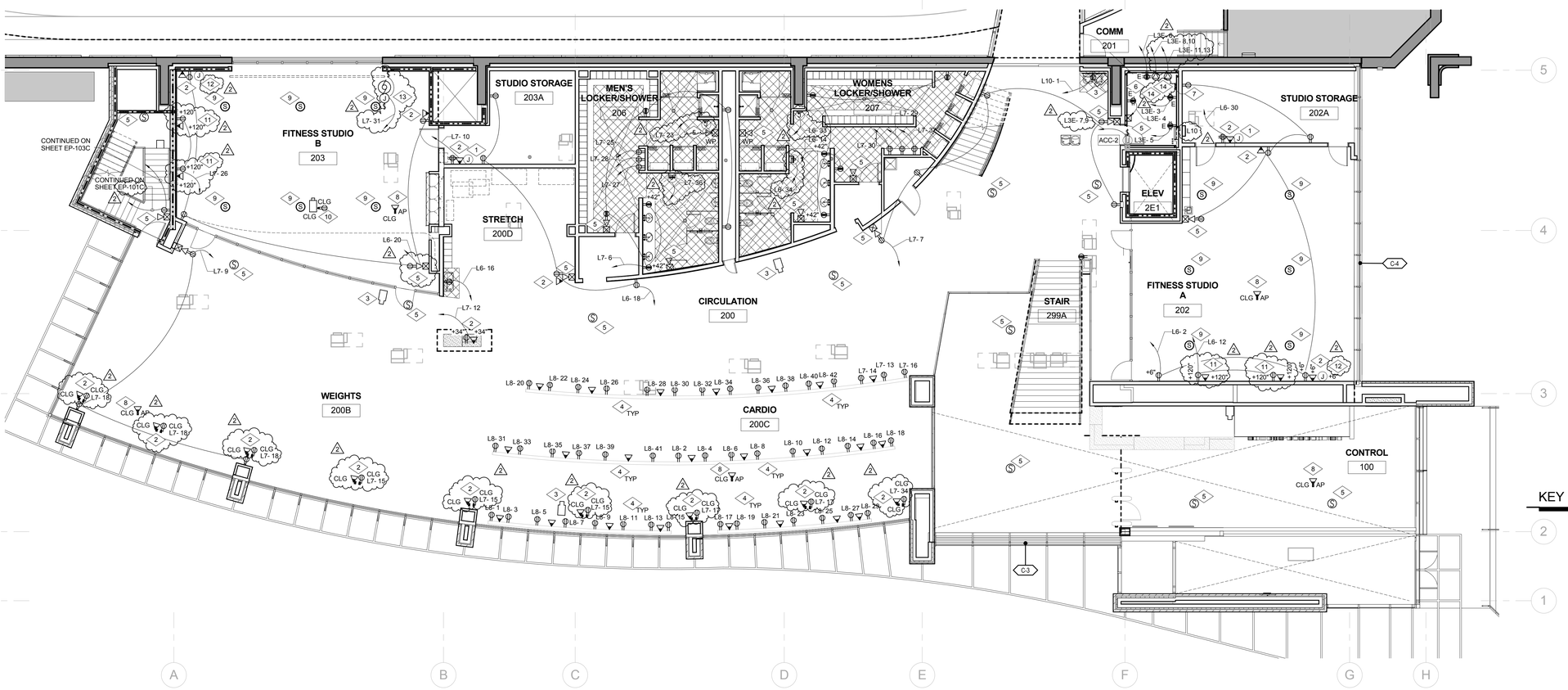
LEVEL 02 FLOOR PLAN
AREA B - ELECTRICAL

EP-102B

10/19/2012 2:13:55 PM

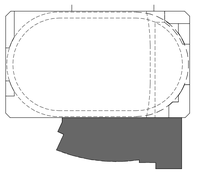
REFERENCE NOTES:

1. FURNISH AND INSTALL A 4"X4"X2 1/8" DEEP BOX FOR A/V IN THE APPROXIMATE LOCATION SHOWN. RUN TWO (2) 2" CONDUITS FROM THE J-BOX TO THE NEAREST COMMUNICATION ROOM OR CABLE TRAY. PROVIDE A PLASTIC BUSHING. INSERT PULL STRING AND LABEL.
2. FURNISH AND INSTALL A 4"X4"X2 1/8" DEEP BOX FOR VOICE/DATA JACKS IN THE APPROXIMATE LOCATION SHOWN. RUN TWO (2) 1" CONDUITS FROM THE J-BOX TO THE NEAREST COMMUNICATION ROOM OR CABLE TRAY. PROVIDE A PLASTIC BUSHING. INSERT PULL STRING AND LABEL.
3. FURNISH AND INSTALL J-BOXES FOR FUTURE SECURITY SYSTEM IN THE APPROXIMATE LOCATINS AS SHOWN. RUN A 3/4" CONDUIT FROM J-BOX TO THE NEAREST CABLE TRAY OR COMMUNICATION ROOM. COORDINATE WORK FOR EXACT LOCATION.
4. FURNISH AND INSTALL WIREMOLD G4000 WITH A SEPARATE COMPARTMENT FOR POWER AND DATA ON THE WALL IN THE APPROXIMATE LOCATION AS SHOWN. RUN ONE (1) 1" CONDUIT FROM EACH END OF WIREMOLD COMMUNICATION COMPARTMENT TO THE CABLE TRAY. INSERT PULL WIRE AND LABEL CONDUIT. FURNISH AND INSTALL ALL ACCESSORIES AS REQUIRED. FURNISH AND INSTALL COVERPLATES FOR OWNER FURNISHED COMMUNICATION OUTLETS.
5. FURNISH AND INSTALL NEW ADDRESSABLE FIRE ALARM DEVICES IN THE APPROXIMATE LOCATION SHOWN. TIE TO THE FIRE ALARM SYSTEM IN CLASS "A" LOOP. IN AND OUT CIRCUITS SHALL RUN IN SEPARATE CONDUITS. REFER TO THE FIRE ALARM RISER AND SPECIFICATIONS FOR MORE INFORMATION.
6. FURNISH AND INSTALL SHEET OF FIRE TREATED PLYWOOD ON THE WALL IN THE APPROXIMATE LOCATION SHOWN. PAINT WITH (2) TWO COATS OF WHITE FIRE RETARDANT PAINT.
7. FURNISH AND INSTALL AN ISOLATED COPPER GROUND BUS BAR IN THE APPROXIMATE LOCATION SHOWN. REFER TO GROUND BUS BAR DETAIL 3 FOR MORE INFORMATION. TIE GROUND BUS BAR TO THE BUS BAR IN PANEL "HP" AS WELL AS THE BUILDING STEEL. UTILIZE #2 CONDUCTORS. COORDINATE EXACT LOCATION AND HEIGHT OF GROUND BUS BAR WITH ARCHITECT.
8. FURNISH AND INSTALL A 4"X4"X2-1/8" J-BOX ON THE CEILING IN THE APPROXIMATE LOCATION SHOWN FOR WIRELESS ACCESS POINT. COORDINATE EXACT LOCATION WITH WSU. RUN A 1" CONDUIT FROM J-BOX TO COMMUNICATION ROOM. INSERT PULL STRING AND LABEL.
9. CEILING MOUNTED SPEAKER SHOWN FOR REFERENCE ONLY. SPEAKERS AND CABLING WILL BE PROVIDED BY OTHERS.
10. MOUNT OUTLET TO THE CEILING FOR CEILING MOUNTED PROJECTOR. COORDINATE EXACT LOCATION WITH WSU.
11. FURNISH AND INSTALL A 4"X4"X2 1/8" DEEP BOX FOR VOICE/DATA JACKS IN THE APPROXIMATE LOCATION SHOWN. RUN TWO (2) 1" CONDUITS FROM THE J-BOX TO THE A/V BOX IN STUDIO STORAGE. INSERT PULL STRING AND LABEL.
12. FURNISH AND INSTALL A 4"X4"X2 1/8" DEEP BOX FOR IPOD JACK IN THE APPROXIMATE LOCATION SHOWN. RUN A 1" CONDUIT FROM THE J-BOX TO THE MEDIA CABINET IN STUDIO STORAGE. INSERT PULL STRING AND LABEL.
13. PROVIDE POWER TO PROJECTOR SCREEN. TIE TO SCREEN CONTROLLER IN THE APPROXIMATE LOCATION SHOWN. SCREEN CONTROLLER IS FURNISHED WITH THE SCREEN.
14. FURNISH AND INSTALL A 208 VOLT,1-PHASE, 20 AMP SPECIAL OUTLET IN THE APPROXIMATE LOCATION SHOWN. PROVIDE NEMA L6-20R RECEPTACLE. COORDINATE EXACT LOCATION WITH WSU.



LEVEL 02 FLOOR PLAN AREA C - ELECTRICAL
1/8" = 1'-0"

KEY PLAN



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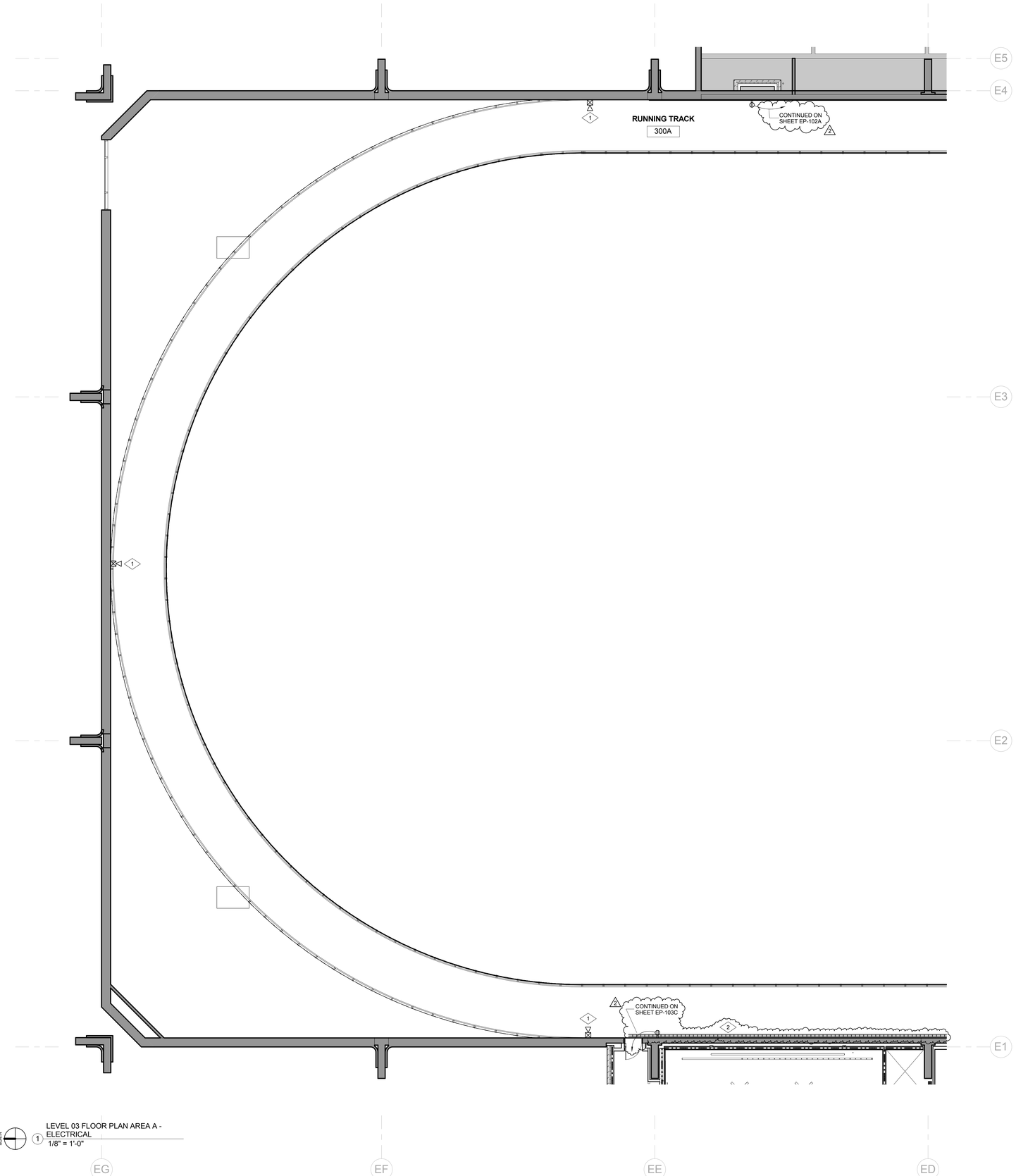
LEVEL 02 FLOOR PLAN AREA C - ELECTRICAL

EP-102C

10/19/2012 2:14:01 PM

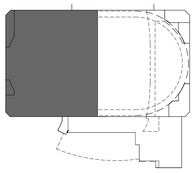


1 LEVEL 03 FLOOR PLAN AREA A - ELECTRICAL
1/8" = 1'-0"

REFERENCE NOTES:

1. FURNISH AND INSTALL NEW ADDRESSABLE FIRE ALARM DEVICES IN THE APPROXIMATE LOCATION SHOWN. TIE TO THE FIRE ALARM SYSTEM IN CLASS "A" LOOP. IN AND OUT CIRCUITS SHALL RUN IN SEPARATE CONDUITS. REFER TO THE FIRE ALARM RISER AND SPECIFICATIONS FOR MORE INFORMATION.
2. FURNISH AND INSTALL A 6" WIDE LADDER TYPE ALUMINUM CABLE TRAY. CENTER HUNG WITH 6" RUNG SPACING, 4" HIGH B-LINE OR APPROVED EQUAL. INSTALL CABLE TRAY ON CLEARSTORY LEDGE ABOVE. PROVIDE BONDING JUMPER AT ALL THE JOINTS AND GROUND THE TRAY WITH #6 THHN GROUND CONDUCTOR TO GROUND BUS BAR IN COMMUNICATION ROOM. COORDINATE WITH WSU FOR EXACT LOCATION.

KEY PLAN



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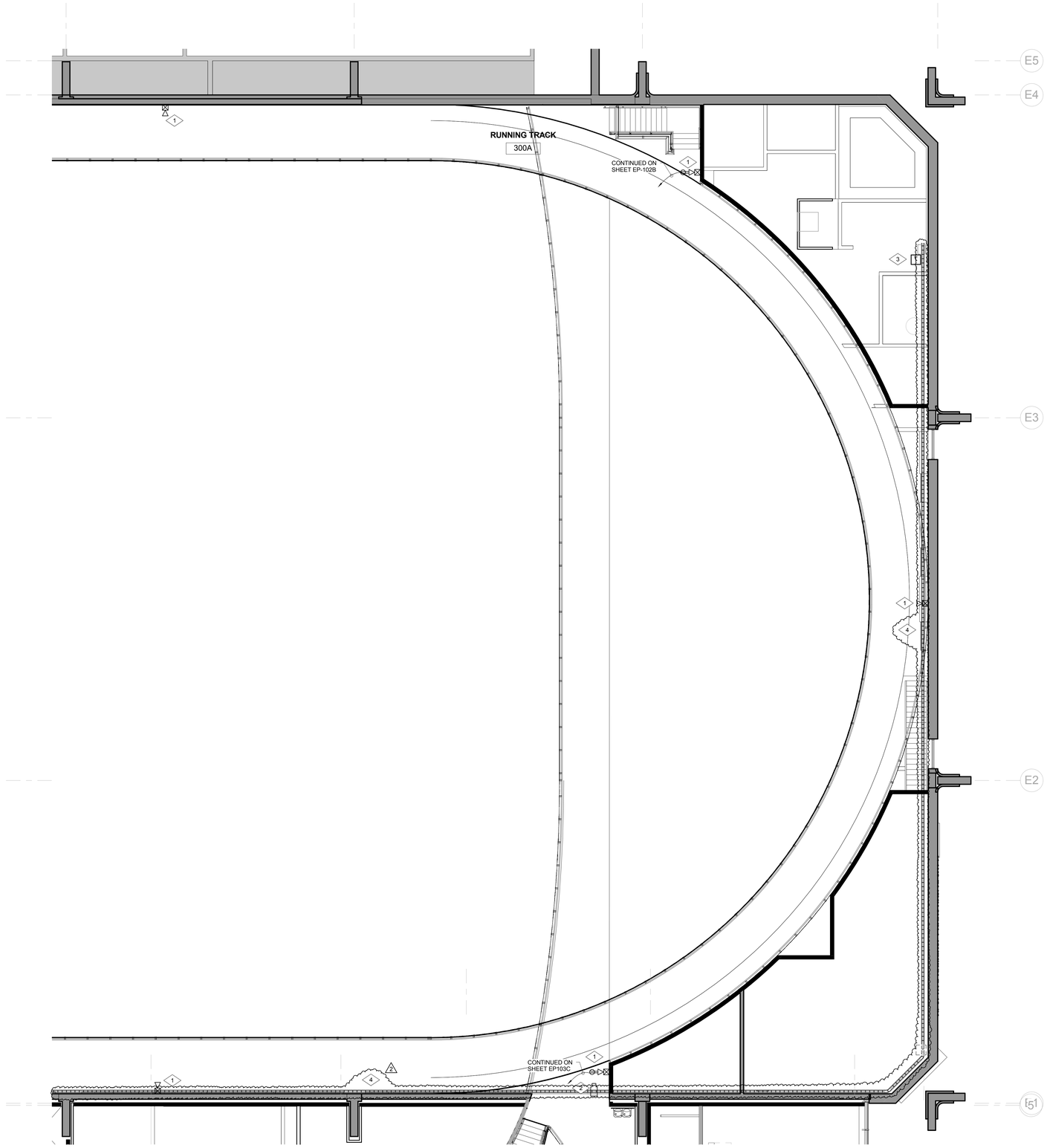
LEVEL 03 FLOOR PLAN
AREA A - ELECTRICAL

EP-103A

10/19/2012 2:14:04 PM

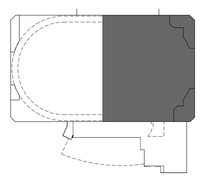


LEVEL 03 FLOOR PLAN AREA B - ELECTRICAL
1/8" = 1'-0"

REFERENCE NOTES:

1. FURNISH AND INSTALL NEW ADDRESSABLE FIRE ALARM DEVICES IN THE APPROXIMATE LOCATION SHOWN. TIE TO THE FIRE ALARM SYSTEM IN CLASS "A" LOOP. IN AND OUT CIRCUITS SHALL RUN IN SEPARATE CONDUITS. REFER TO THE FIRE ALARM RISER AND SPECIFICATIONS FOR MORE INFORMATION.
2. FURNISH AND INSTALL J-BOXES FOR FUTURE SECURITY SYSTEM IN THE APPROXIMATE LOCATINS AS SHOWN. RUN A 3/4" CONDUIT FROM J-BOX TO THE NEAREST CABLE TRAY OR COMMUNICATION ROOM. COORDINATE WORK FOR EXACT LOCATION.
3. INSTALL EXISTING 45 KVA TRANSFORMER NEXT TO THE AIR HANDLING UNIT ON THE 3RD LEVEL IN THE APPROXIMATE LOCATION SHOWN. RUN NEW PRIMARY AND SECONDARY CONDUIT AND CONDUCTORS IN EXISTING PIPE SHAFT AND NEW WALLS. COORDINATE WITH GENERAL CONTRACTOR FOR EXACT ROUTING OF THE CONDUIT. REFER TO POWER SINGLE LINE DIAGRAM FOR MORE INFORMATION.
4. FURNISH AND INSTALL A 6" WIDE LADDER TYPE ALUMINUM CABLE TRAY CENTER HUNG WITH 6" RUNG SPACING, 4" HIGH B-LINE OR APPROVED EQUAL. INSTALL CABLE TRAY ON CLEARSTORY LEDGE ABOVE. PROVIDE BONDING JUMPER AT ALL THE JOINTS AND GROUND THE TRAY WITH #6 THHN GROUND CONDUCTOR TO GROUND BUS BAR IN COMMUNICATION ROOM. COORDINATE WITH WSU FOR EXACT LOCATION.

KEY PLAN



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#172577
10-03-12

DFCM CODE COMPLIANCE STAMP

Stromberg Student Activity Center

Stromberg Addition - BID SET

Weber State University
3750 Harrison Blvd. Ogden, UT 84408

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2	10-19-12	Addendum #3

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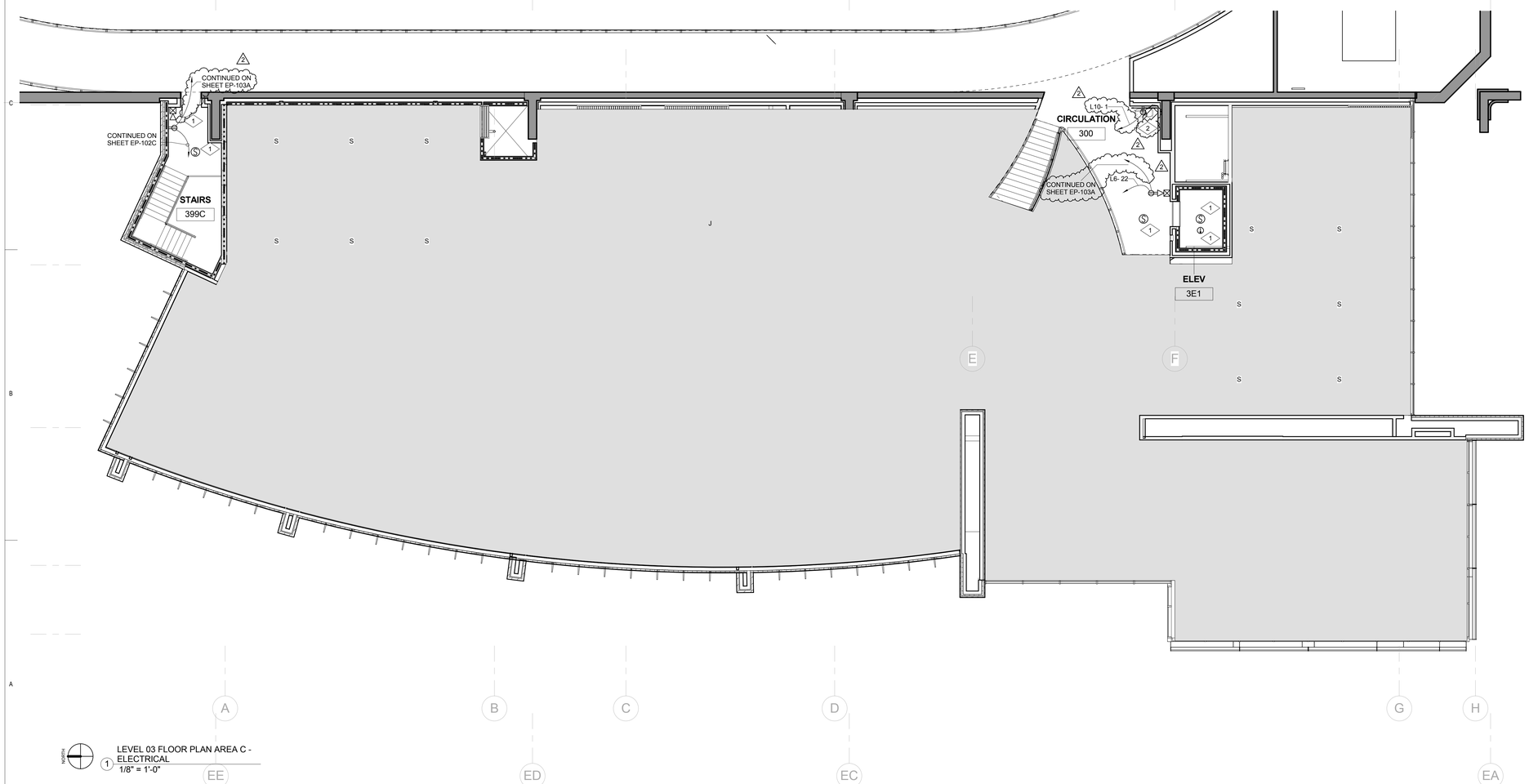
LEVEL 03 FLOOR PLAN
AREA B - ELECTRICAL

EP-103B

10/19/2012 2:14:08 PM

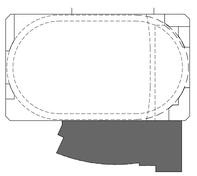
REFERENCE NOTES:

1. FURNISH AND INSTALL NEW ADDRESSABLE FIRE ALARM DEVICES IN THE APPROXIMATE LOCATION SHOWN. TIE TO THE FIRE ALARM SYSTEM IN CLASS "A" LOOP. IN AND OUT CIRCUITS SHALL RUN IN SEPARATE CONDUITS. REFER TO THE FIRE ALARM RISER AND SPECIFICATIONS FOR MORE INFORMATION.
2. FURNISH AND INSTALL J-BOXES FOR FUTURE SECURITY SYSTEM IN THE APPROXIMATE LOCATINS AS SHOWN. RUN A 3/4" CONDUIT FROM J-BOX TO THE NEAREST CABLE TRAY OR COMMUNICATION ROOM. COORDINATE WORK FOR EXACT LOCATION.



LEVEL 03 FLOOR PLAN AREA C - ELECTRICAL
1/8" = 1'-0"

KEY PLAN



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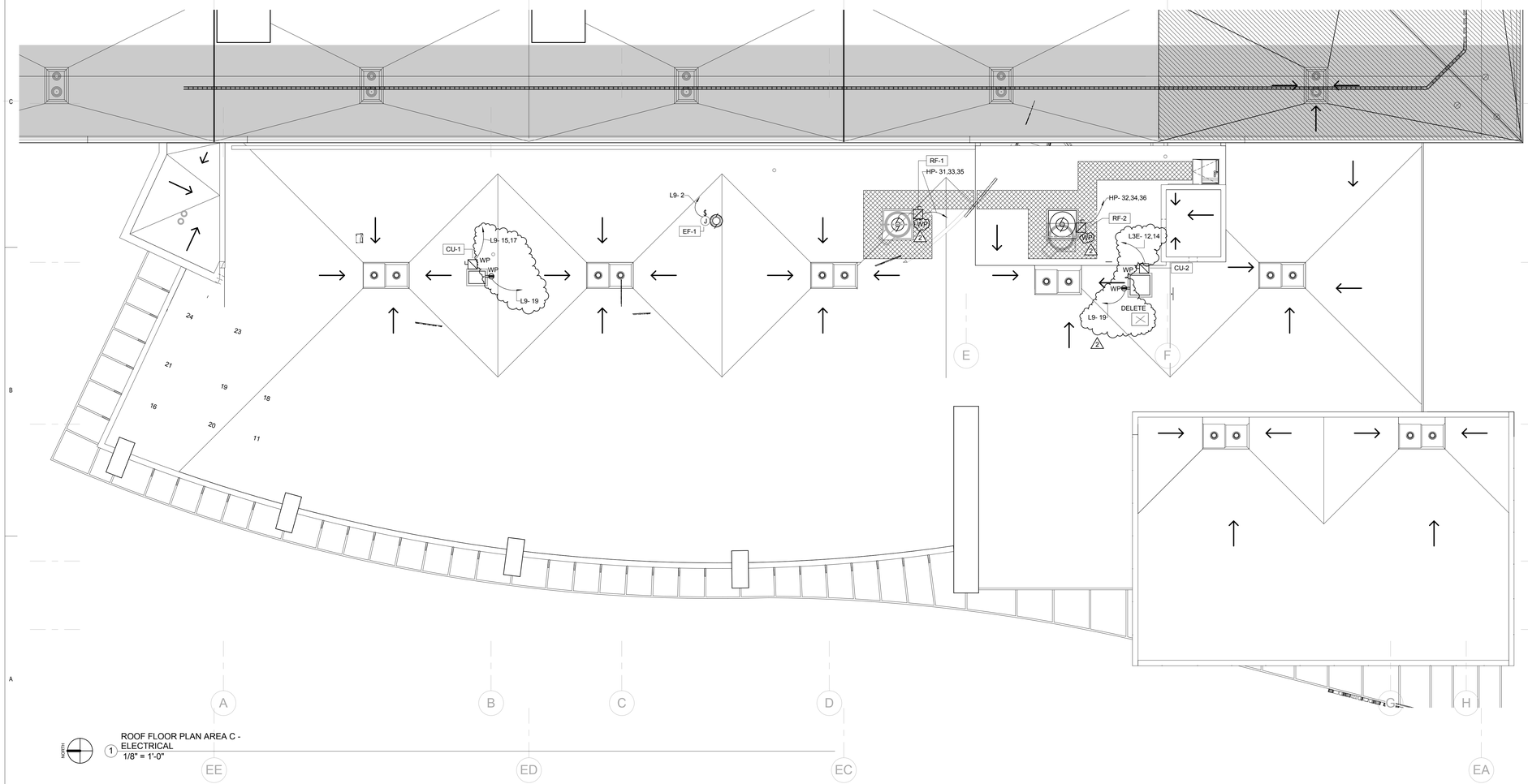
LEVEL 03 FLOOR PLAN
AREA C - ELECTRICAL

EP-103C

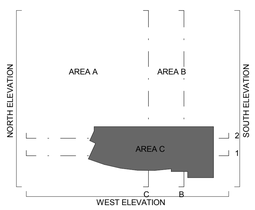
10/19/2012 2:14:13 PM



1 ROOF FLOOR PLAN AREA C - ELECTRICAL
1/8" = 1'-0"

NORTH

KEY PLAN



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ROOF PLAN AREA C - ELECTRICAL

EP-104

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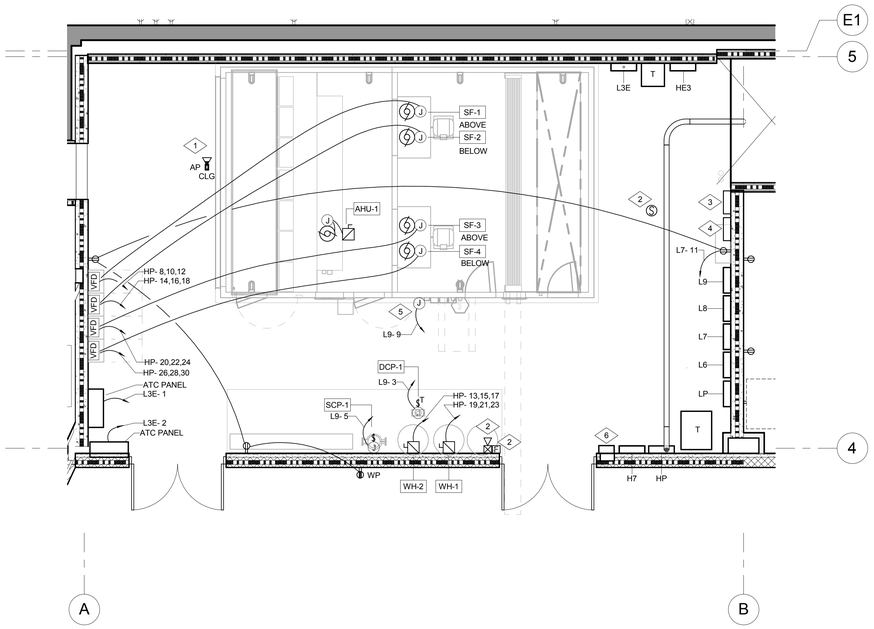

1 LEVEL 01 FLOOR PLAN AREA C - MECHANICAL 150
1/4" = 1'-0"

REFERENCE NOTES:

1. FURNISH AND INSTALL A 4"X4"X2-1/8" J-BOX ON THE CEILING IN THE APPROXIMATE LOCATION SHOWN FOR WIRELESS ACCESS POINT. COORDINATE EXACT LOCATION WITH WSU. RUN A 1" CONDUIT FROM J-BOX TO COMMUNICATION ROOM. INSERT PULL STRING AND LABEL.
2. FURNISH AND INSTALL NEW ADDRESSABLE FIRE ALARM DEVICES IN THE APPROXIMATE LOCATION SHOWN. TIE TO THE FIRE ALARM SYSTEM IN CLASS "A" LOOP. IN AND OUT CIRCUITS SHALL RUN IN SEPARATE CONDUITS. REFER TO THE FIRE ALARM RISER AND SPECIFICATIONS FOR MORE INFORMATION.
3. FURNISH AND INSTALL A NEW NOTIFIER DAA-7525 DIGITAL VOICE AMPLIFIER IN THE APPROXIMATE LOCATION SHOWN.
4. FURNISH AND INSTALL A NEW NOTIFIER FCPS-24S8 LOOP EXPANSION MODULE AND POWER SUPPLY IN THE APPROXIMATE LOCATION SHOWN. TIE TO NEW FIRE ALARM CONTROL PANEL.
5. PROVIDE POWER FOR LIGHTING IN AIR HANDLING UNIT.
6. FURNISH AND INSTALL A 277 VOLT TIME CLOCK IN THE APPROXIMATE LOCATION SHOWN TO CONTROL EXTERIOR LIGHTS. LC&D CAT # GR140LT-PC OR APPROVED EQUAL. TIE THE TIME CLOCK TO UNSWITCHED 277 VOLT POWER. PROVIDE CONDUIT AND CONDUCTORS FOR A COMPLETE INSTALLATION. COORDINATE PROGRAMMING WITH OWNER. INSTALL THE PHOTOCELL ON WEST WALL OF STAIR 199C AND TIE TO TIME CLOCK. COORDINATE WITH ARCHITECT FOR EXACT LOCATION OF PHOTOCELL.

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Stromberg Student Activity Center

Stromberg Addition - BID SET

Weber State University
3750 Harrison Blvd. Ogden, UT 84408

Rev #	Date	Description
2	10-19-12	Addendum #3

Job # 4317
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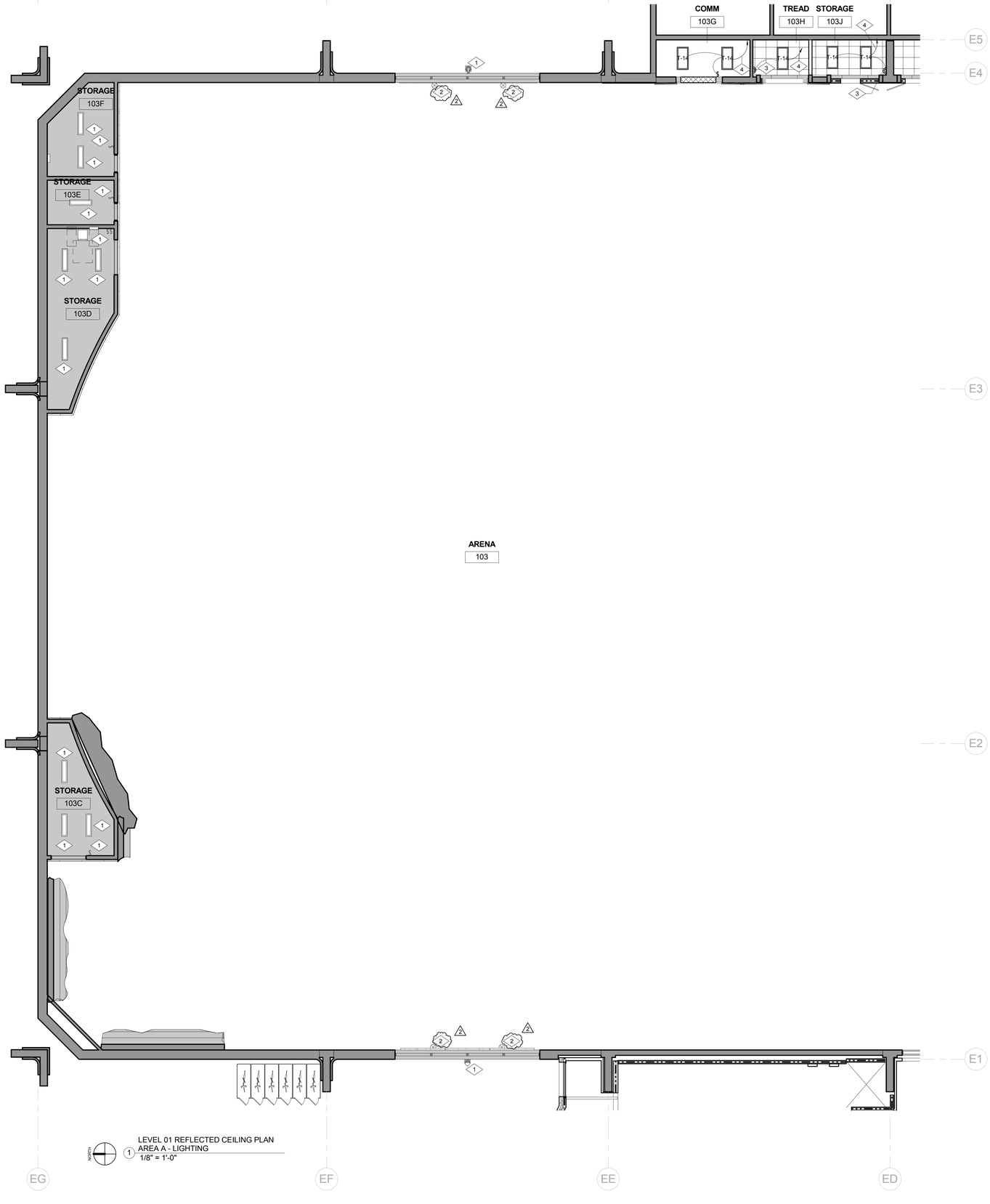
ENLARGED PLANS - ELECTRICAL

EP-401

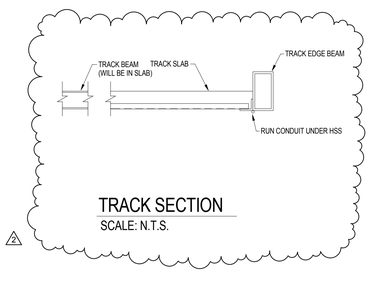
10/19/2012 2:14:20 PM



LEVEL 01 REFLECTED CEILING PLAN
AREA A - LIGHTING
1/8" = 1'-0"

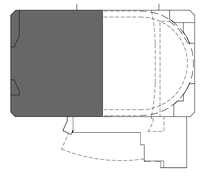
REFERENCE NOTES:

1. EXISTING LIGHT FIXTURES AND SWITCHES ARE TO REMAIN. MAKE ANY MODIFICATIONS REQUIRED TO MAINTAIN CIRCUIT INTEGRITY TO THESE DEVICES.
2. EXISTING EXIT SIGNS ARE TO REMAIN.
3. PROVIDE AND INSTALL A WALL MOUNTED DUAL TECHNOLOGY MOTION SENSOR WITH AUTO-OFF SWITCH IN APPROXIMATE LOCATION SHOWN. WATTSTOPPER TYPE DSW-100.
4. TIE LIGHT FIXTURES TO THE EXISTING LIGHTING CIRCUIT IN THE AREA.



TRACK SECTION
SCALE: N.T.S.

KEY PLAN



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LEVEL 01 REFLECTED CEILING PLAN AREA A - LIGHTING

EL-101A

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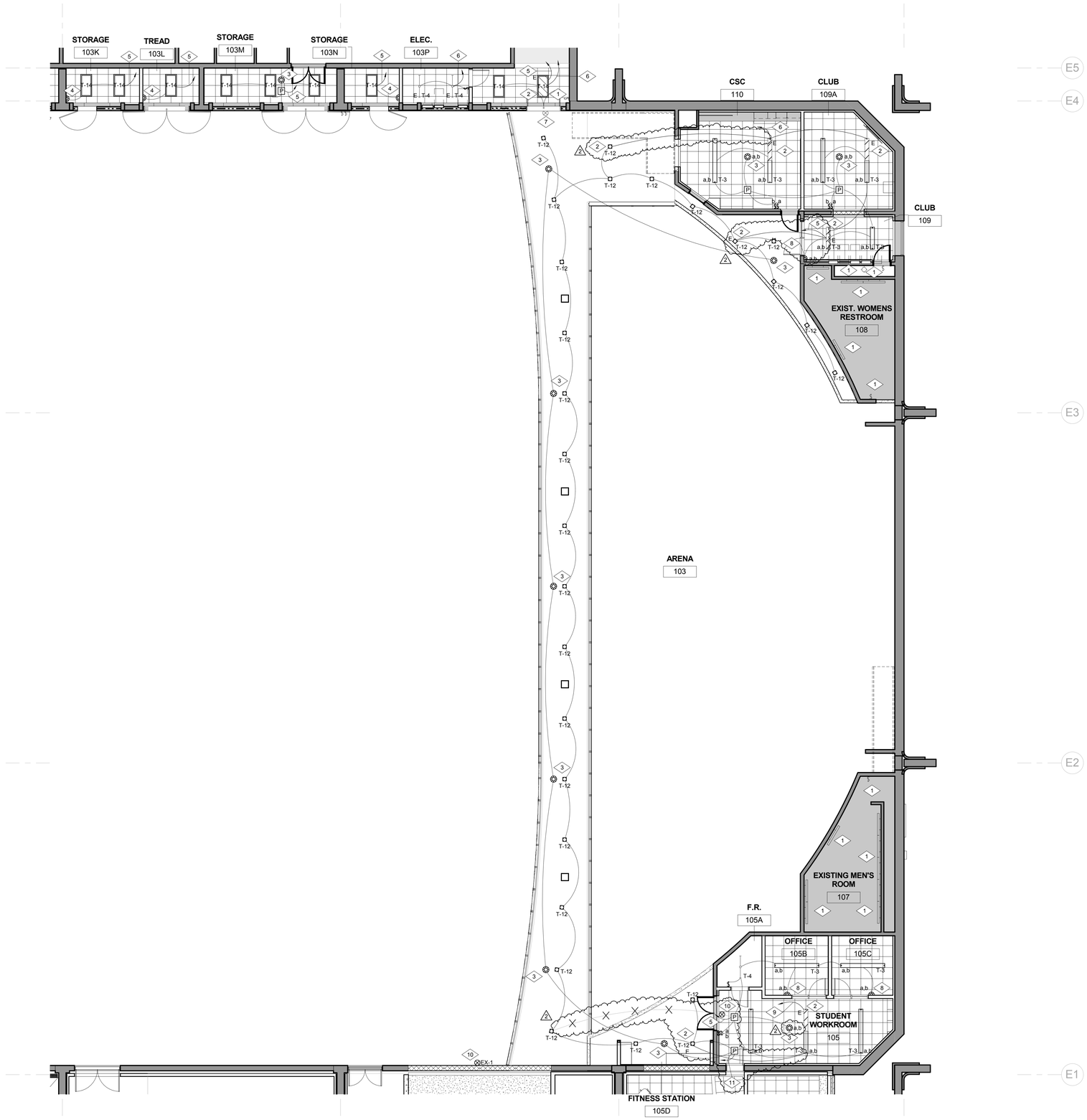


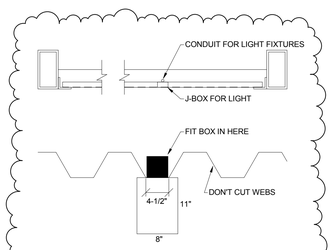
LEVEL 01 REFLECTED CEILING PLAN
AREA B - LIGHTING
1/8" = 1'-0"

REFERENCE NOTES:

1. EXISTING LIGHT FIXTURES AND SWITCHES ARE TO REMAIN. MAKE ANY MODIFICATIONS REQUIRED TO MAINTAIN CIRCUIT INTEGRITY TO THESE DEVICES.
2. TIE EMERGENCY LIGHT TO A BODINE TRANSFER SWITCH (CAT. #GTD OR APPROVED EQUAL) SUCH THAT WHEN COMMERCIAL POWER FAILS THE EMERGENCY LIGHTS COME ON AUTOMATICALLY REGARDLESS OF POSITION OF LIGHT SWITCHES. PROVIDE UNSWITCHED POWER TO TRANSFER SWITCH. REFER TO MANUFACTURER WIRING DIAGRAM FOR MORE INFORMATION. NORMALLY THESE LIGHT FIXTURES ARE CONTROLLED BY LIGHT SWITCHES.
3. FURNISH AND INSTALL A DUAL TECHNOLOGY CEILING MOUNTED MOTION SENSOR WITH POWER PACK IN THE APPROXIMATE LOCATION SHOWN. WATTSTOPPER TYPE LMDC-100. TIE THE LIGHT FIXTURES TO THE WALL SWITCH THROUGH THE POWER PACK. TIE THE MOTION SENSOR TO POWER PACK. REFER TO MANUFACTURER WIRING DIAGRAM FOR MORE INFORMATION. PROVIDE CONDUIT AND CONDUCTORS FOR A COMPLETE INSTALLATION.
4. FURNISH AND INSTALL A WALL MOUNTED DUAL TECHNOLOGY MOTION SENSOR WITH AUTO-OFF SWITCH IN APPROXIMATE LOCATION SHOWN. WATTSTOPPER TYPE DSW-100.
5. TIE LIGHT FIXTURES TO THE EXISTING LIGHTING CIRCUIT IN THE AREA.
6. TIE EMERGENCY LIGHT FIXTURES TO THE NEARERST 277 VOLT UNSWITCHED EXISTING EMERGENCY LIGHTING CIRCUIT IN THE AREA.
7. EXISTING EXIT SIGNS ARE TO REMAIN. MAKE ANY MODIFICATIONS REQUIRED TO MAINTAIN CIRCUIT INTEGRITY.
8. FURNISH AND INSTALL A 2-BUTTON, DUAL TECHNOLOGY WALL MOUNTED MOTION SENSOR IN THE APPROXIMATE LOCATION SHOWN. WATTSTOPPER TYPE DSW-200.
9. TIE EMERGENCY LIGHT FIXTURE TO THE NEW EMERGENCY LIGHTING CIRCUIT ON SHEET EL-101C.
10. TIE EXIT SIGN TO THE NEAREST UNSWITCHED EMERGENCY LIGHTING CIRCUIT.
11. TIE THE BRIDGE LIGHT FIXTURES TO THE EXISTING LIGHTING CIRCUIT AND SWITCH THAT CONTROLLED THE WALL MOUNTED LIGHT FIXTURES AROUND THE ARENA THAT WERE REMOVED DURING DEMOLITION.

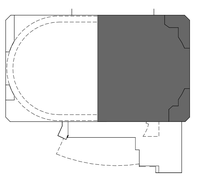
SPECIAL NOTE:

1. CONDUIT AND J-BOXES FOR BRIDGE LIGHTING MUST BE EMBEDED IN THE BRIDGE SLAB. COORDINATE THIS WORK WITH THE GENERAL CONTRACTOR.



BRIDGE SECTION
SCALE: N.T.S.

KEY PLAN



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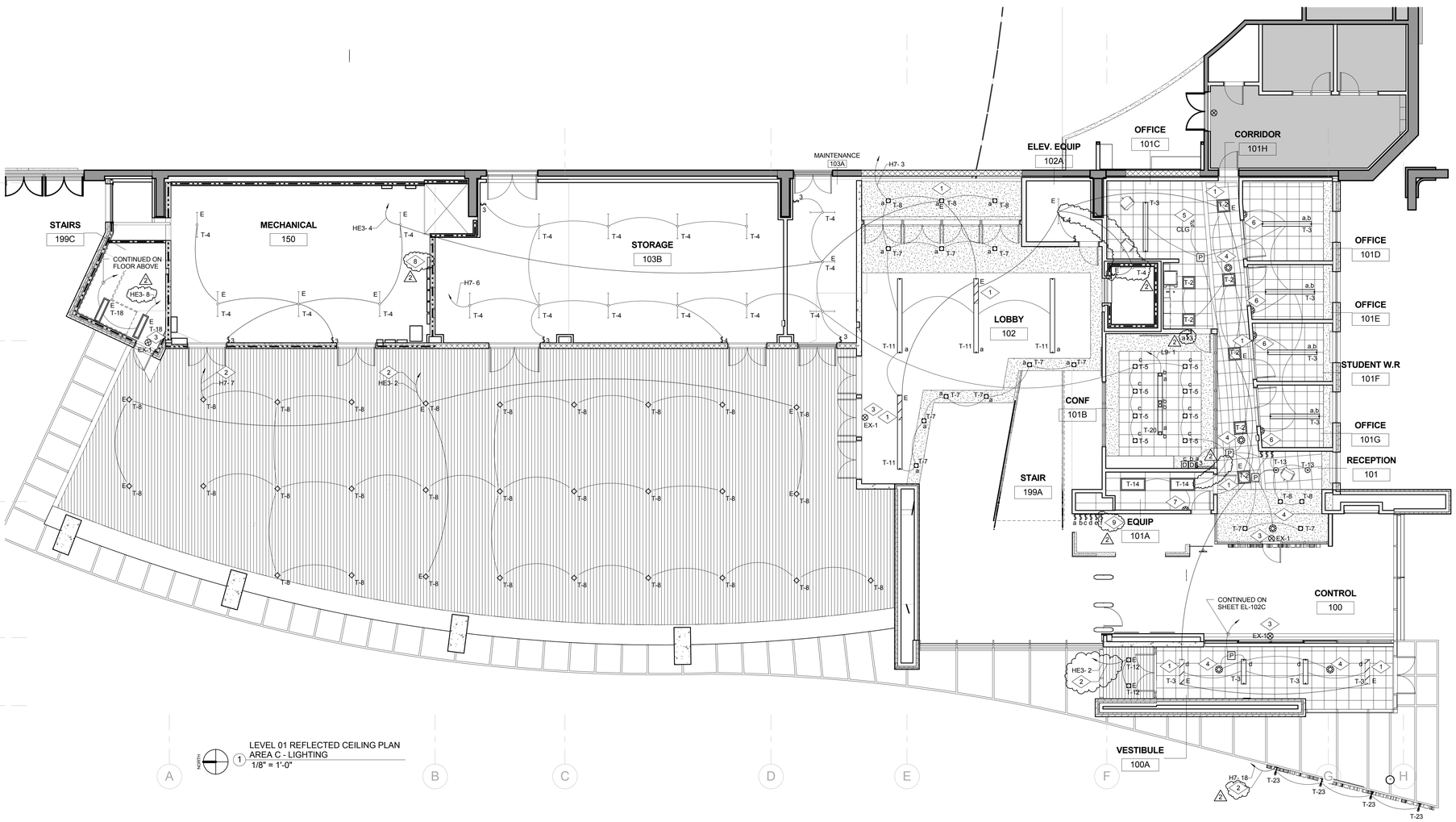
LEVEL 01 REFLECTED CEILING PLAN AREA B - LIGHTING

EL-101B

10/19/2012 2:13:31 PM

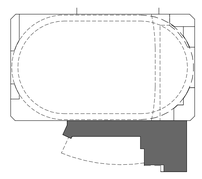
REFERENCE NOTES:

1. TIE EMERGENCY LIGHT TO A BODINE TRANSFER SWITCH (CAT. #GTD OR APPROVED EQUAL) SUCH THAT WHEN COMMERCIAL POWER FAILS THE EMERGENCY LIGHTS COME ON AUTOMATICALLY REGARDLESS OF POSITION OF LIGHT SWITCHES. PROVIDE UNSWITCHED POWER TO TRANSFER SWITCH. REFER TO MANUFACTURER WIRING DIAGRAM FOR MORE INFORMATION. NORMALLY THESE LIGHT FIXTURES ARE CONTROLLED BY LIGHT SWITCHES.
2. TIE EXTERIOR LIGHT FIXTURES TO THEIR DESIGNATED CIRCUIT THROUGH NEW TIME CLOCK.
3. TIE EXIT SIGN TO THE NEAREST UNSWITCHED EMERGENCY LIGHTING CIRCUIT.
4. FURNISH AND INSTALL A DUAL TECHNOLOGY CEILING MOUNTED MOTION SENSOR WITH POWER PACK IN THE APPROXIMATE LOCATION SHOWN. WATTSTOPPER TYPE LMDC-100. TIE THE LIGHT FIXTURES TO THE WALL SWITCH THROUGH THE POWER PACK. TIE THE MOTION SENSOR TO POWER PACK. REFER TO MANUFACTURER WIRING DIAGRAM FOR MORE INFORMATION. PROVIDE CONDUIT AND CONDUCTORS FOR A COMPLETE INSTALLATION.
5. FURNISH AND INSTALL A LONG RANGE DIRECTIONAL PIR MOTION SENSOR IN THE APPROXIMATE LOCATION SHOWN. WATTSTOPPER TYPE LMPX-100-1. REFER TO MANUFACTURER WIRING DIAGRAM FOR MORE INFORMATION. PROVIDE CONDUIT AND CONDUCTORS FOR A COMPLETE INSTALLATION.
6. FURNISH AND INSTALL A 2-BUTTON, DUAL TECHNOLOGY WALL MOUNTED MOTION SENSOR IN THE APPROXIMATE LOCATION SHOWN. WATTSTOPPER TYPE DSW-200.
7. FURNISH AND INSTALL A WALL MOUNTED DUAL TECHNOLOGY MOTION SENSOR WITH AUTO-OFF SWITCH IN APPROXIMATE LOCATION SHOWN. WATTSTOPPER TYPE DSW-100.
8. FURNISH AND INSTALL A 12-POLE LIGHTING CONTACTOR IN THE APPROXIMATE LOCATION SHOWN TO CONTROL THE FANS IN CARDIO 200C AND WEIGHTS 200B. TIE CONTACTOR TO A SWITCH BY THE RECEPTION DESK ON THE LOWER LEVEL NEXT TO THE COMMON AREA LIGHT SWITCHES.
9. FURNISH AND INSTALL A SWITCH IN THE APPROXIMATE LOCATION SHOWN TO CONTROL THE FANS IN CARDIO 200C AND WEIGHTS 200B. TIE SWITCH TO THE 12-POLE LIGHTING CONTACTOR IN MECHANICAL 150.



LEVEL 01 REFLECTED CEILING PLAN
AREA C - LIGHTING
1/8" = 1'-0"

KEY PLAN



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10-03-12
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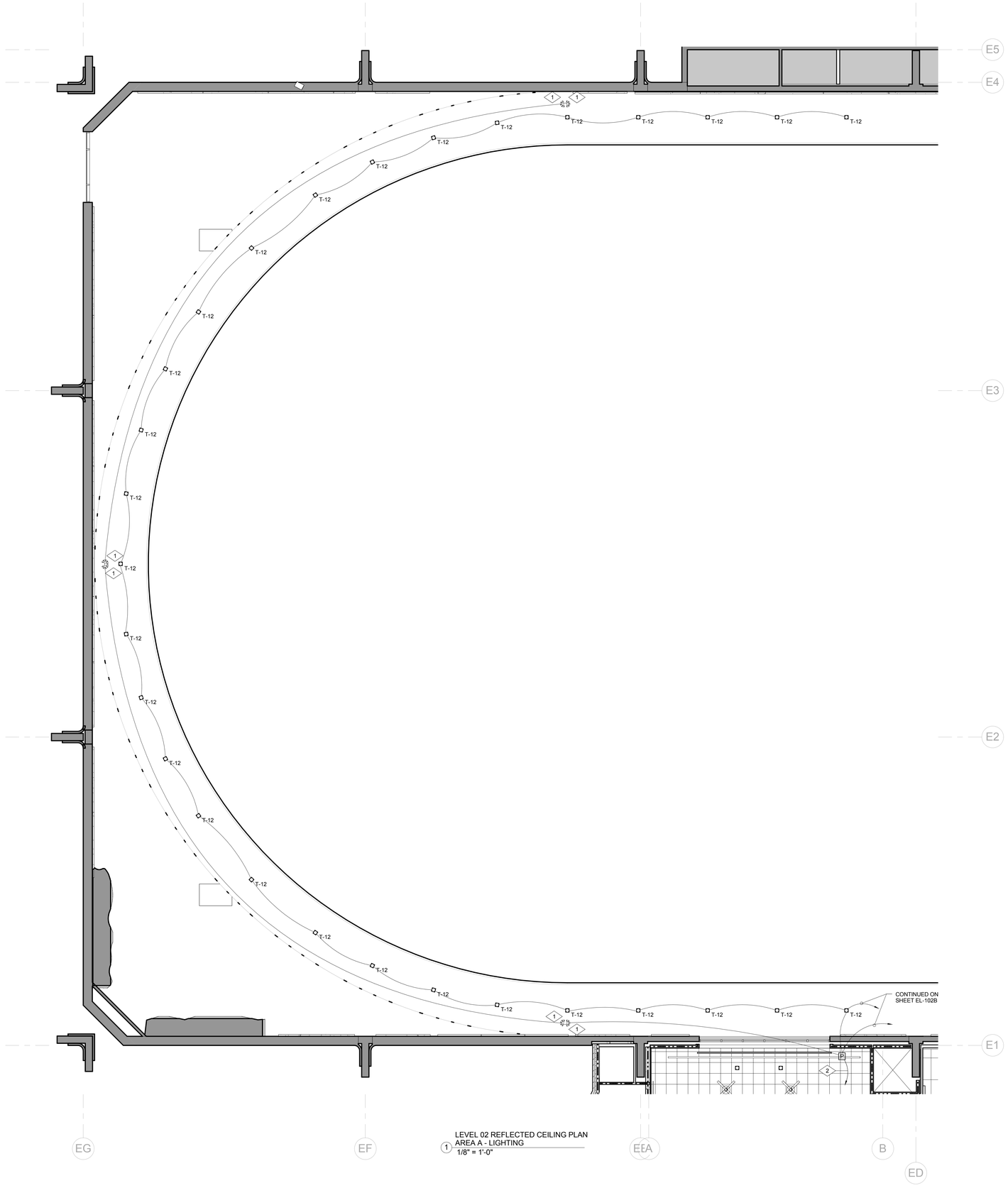
LEVEL 01 REFLECTED CEILING PLAN AREA C - LIGHTING

EL-101C

10/19/2012 2:13:34 PM

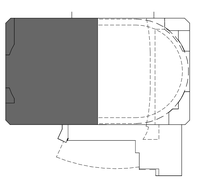


1 LEVEL 02 REFLECTED CEILING PLAN AREA A - LIGHTING
1/8" = 1'-0"

REFERENCE NOTES:

1. FURNISH AND INSTALL A LONG RANGE DIRECTIONAL PIR MOTION SENSOR IN THE APPROXIMATE LOCATION SHOWN. WATTSTOPPER TYPE LMPX-100-1. REFER TO MANUFACTURER WIRING DIAGRAM FOR MORE INFORMATION. PROVIDE CONDUIT AND CONDUCTORS FOR A COMPLETE INSTALLATION.
2. TIE THE RUNNING TRACK LIGHT FIXTURES TO THE EXISTING LIGHTING CIRCUIT AND SWITCH THAT CONTROLLED THE WALL MOUNTED LIGHT FIXTURES AROUND THE ARENA THAT WERE REMOVED DURING DEMOLITION.

KEY PLAN



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LICENSED ARCHITECT
MARK VALENTINER
#172577
10-03-12
STATE OF UTAH

DFCM CODE COMPLIANCE STAMP

Stromberg Student Activity Center

Stromberg Addition - BID SET

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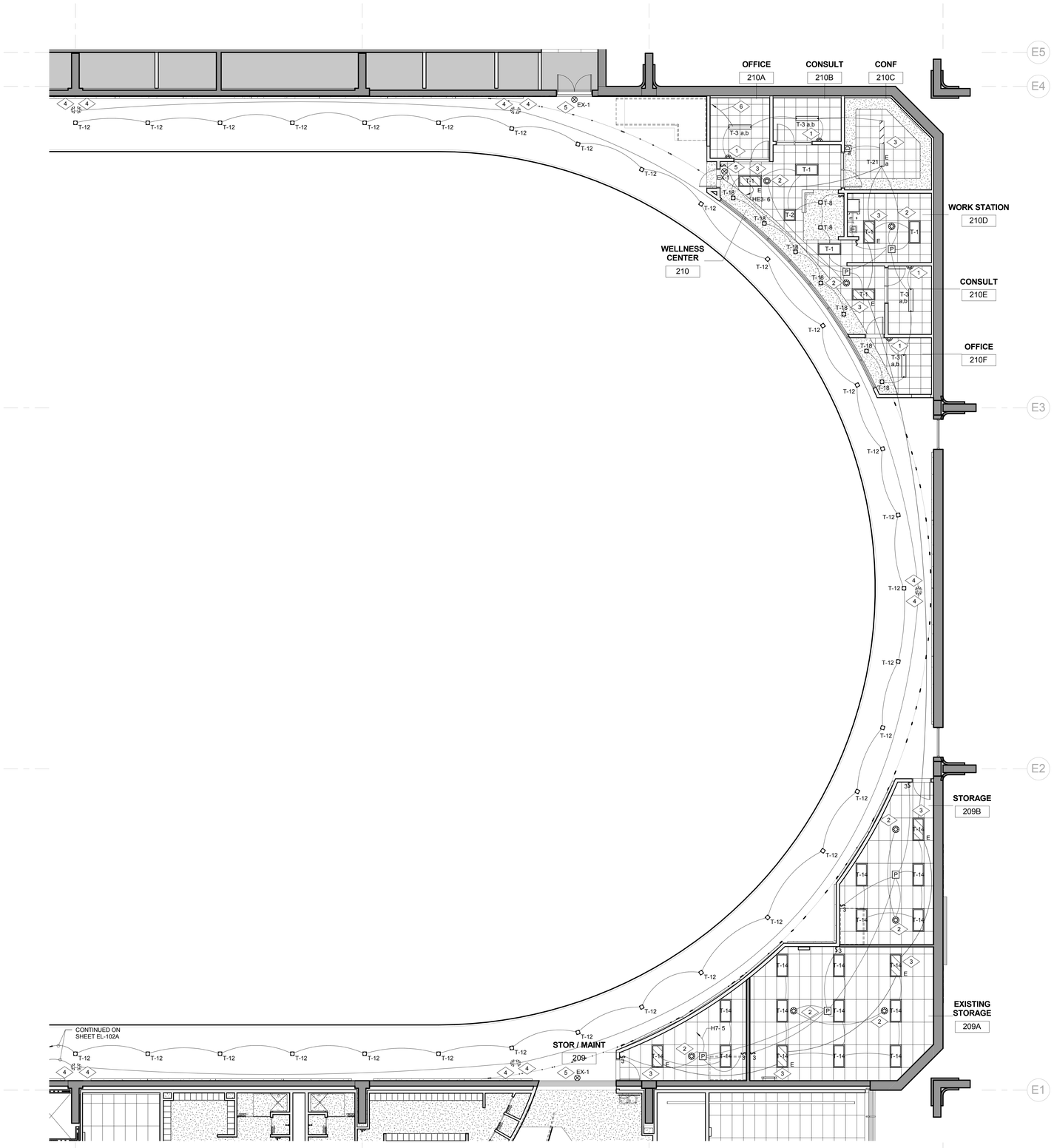
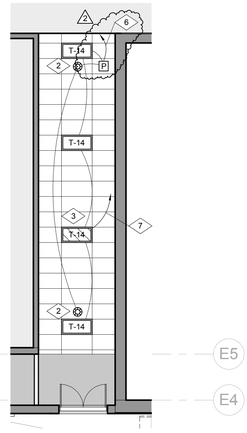
LEVEL 02 REFLECTED CEILING PLAN AREA A - LIGHTING

EL-102A

10/19/2012 2:13:35 PM



1 LEVEL 02 REFLECTED CEILING PLAN AREA B - LIGHTING
1/8" = 1'-0"

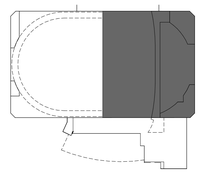


2 NEW HALLWAY - LIGHTING
1/8" = 1'-0"

REFERENCE NOTES:

1. FURNISH AND INSTALL A 2-BUTTON, DUAL TECHNOLOGY WALL MOUNTED MOTION SENSOR IN THE APPROXIMATE LOCATION SHOWN. WATTSTOPPER TYPE DSW-200.
2. FURNISH AND INSTALL A DUAL TECHNOLOGY CEILING MOUNTED MOTION SENSOR WITH POWER PACK IN THE APPROXIMATE LOCATION SHOWN. WATTSTOPPER TYPE LMDC-100. TIE THE LIGHT FIXTURES TO THE WALL SWITCH THROUGH THE POWER PACK. TIE THE MOTION SENSOR TO POWER PACK. REFER TO MANUFACTURER WIRING DIAGRAM FOR MORE INFORMATION. PROVIDE CONDUIT AND CONDUCTORS FOR A COMPLETE INSTALLATION.
3. TIE EMERGENCY LIGHT TO A BODINE TRANSFER SWITCH (CAT. #GTD OR APPROVED EQUAL) SUCH THAT WHEN COMMERCIAL POWER FAILS THE EMERGENCY LIGHTS COME ON AUTOMATICALLY REGARDLESS OF POSITION OF LIGHT SWITCHES. PROVIDE UNSWITCHED POWER TO TRANSFER SWITCH. REFER TO MANUFACTURER WIRING DIAGRAM FOR MORE INFORMATION. NORMALLY THESE LIGHT FIXTURES ARE CONTROLLED BY LIGHT SWITCHES.
4. FURNISH AND INSTALL A LONG RANGE DIRECTIONAL PIR MOTION SENSOR IN THE APPROXIMATE LOCATION SHOWN. WATTSTOPPER TYPE LMPX-100-1. REFER TO MANUFACTURER WIRING DIAGRAM FOR MORE INFORMATION. PROVIDE CONDUIT AND CONDUCTORS FOR A COMPLETE INSTALLATION.
5. TIE EXIT SIGN TO THE NEAREST UNSWITCHED EMERGENCY LIGHTING CIRCUIT.
6. TIE LIGHT FIXTURES TO THE EXISTING LIGHTING CIRCUIT IN THE AREA.
7. TIE EMERGENCY LIGHT FIXTURES TO THE NEARERST 277 VOLT UNSWITCHED EXISTING EMERGENCY LIGHTING CIRCUIT IN THE AREA.

KEY PLAN



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LEVEL 02 REFLECTED CEILING PLAN AREA B - LIGHTING

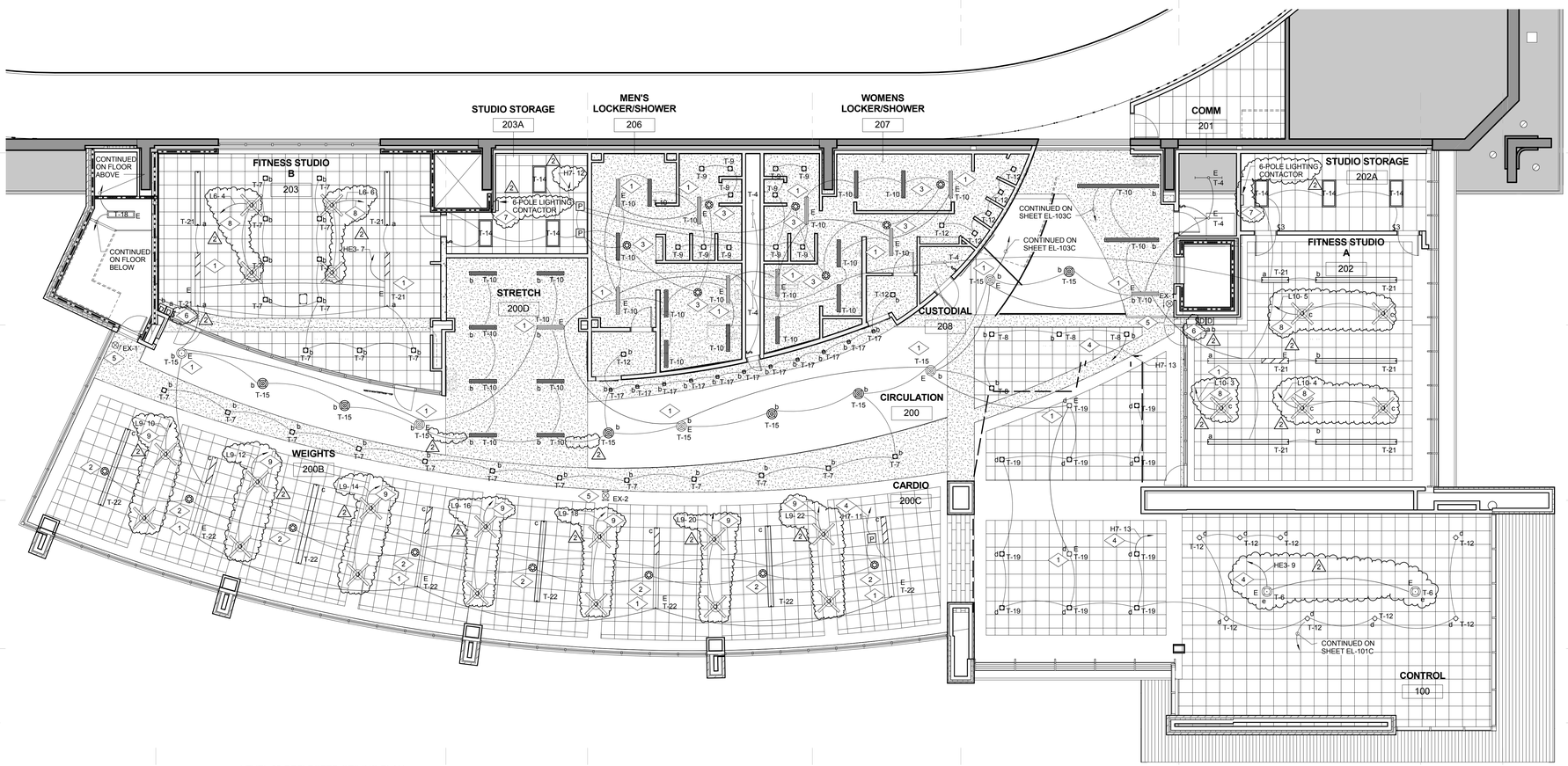
EL-102B

10/19/2012 2:13:37 PM

REFERENCE NOTES:

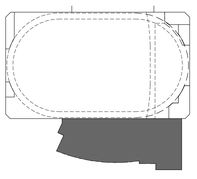
1. TIE EMERGENCY LIGHT TO A BODINE TRANSFER SWITCH (CAT. #GTD OR APPROVED EQUAL) SUCH THAT WHEN COMMERCIAL POWER FAILS THE EMERGENCY LIGHTS COME ON AUTOMATICALLY REGARDLESS OF POSITION OF LIGHT SWITCHES. PROVIDE UNSWITCHED POWER TO TRANSFER SWITCH. REFER TO MANUFACTURER WIRING DIAGRAM FOR MORE INFORMATION. NORMALLY THESE LIGHT FIXTURES ARE CONTROLLED BY LIGHT SWITCHES.
2. FURNISH AND INSTALL A PIR CEILING MOUNTED MOTION SENSOR WITH POWER PACK AND HIGH DENSITY LENS IN THE APPROXIMATE LOCATION SHOWN. WATTSTOPPER TYPE LMPC-100-1. TIE THE LIGHT FIXTURES TO THE WALL SWITCH THROUGH THE POWER PACK. TIE THE MOTION SENSOR TO POWER PACK. REFER TO MANUFACTURER WIRING DIAGRAM FOR MORE INFORMATION. PROVIDE CONDUIT AND CONDUCTORS FOR A COMPLETE INSTALLATION.
3. FURNISH AND INSTALL AN ULTRASONIC CEILING MOUNTED MOTION SENSOR WITH POWER PACK IN THE APPROXIMATE LOCATION SHOWN. WATTSTOPPER TYPE LMUC-100. TIE THE LIGHT FIXTURES TO THE WALL SWITCH THROUGH THE POWER PACK. TIE THE MOTION SENSOR TO POWER PACK. REFER TO MANUFACTURER WIRING DIAGRAM FOR MORE INFORMATION. PROVIDE CONDUIT AND CONDUCTORS FOR A COMPLETE INSTALLATION.
4. TIE LIGHT FIXTURES TO THE DESIGNATED CIRCUIT THROUGH THE LIGHT SWITCH AT THE RECEPTION DESK ON THE LOWER LEVEL.
5. TIE EXIT SIGN TO THE NEAREST UNSWITCHED EMERGENCY LIGHTING CIRCUIT.
6. FURNISH AND INSTALL A SWITCH IN THE APPROXIMATE LOCATION SHOWN TO CONTROL THE FANS IN THE FITNESS STUDIO. TIE SWITCH TO THE 6-POLE LIGHTING CONTACTOR IN THE STUDIO STORAGE.
7. FURNISH AND INSTALL A 6-POLE LIGHTING CONTACTOR IN THE APPROXIMATE LOCATION SHOWN TO CONTROL THE FANS IN THE FITNESS STUDIO. TIE CONTACTOR TO A SWITCH IN FITNESS STUDIO.
8. TIE FANS IN THE FITNESS STUDIO TO THE CIRCUIT SHOWN THROUGH THE 6-POLE LIGHTING CONTACTOR IN THE STUDIO STORAGE. TIE CONTACTOR TO A SWITCH NEXT TO FITNESS STUDIO LIGHT SWITCHES.
9. TIE FANS IN WEIGHTS 200B AND CARDIO 200C TO THE CIRCUITS INDICATED THROUGH A 12-POLE LIGHTING CONTACTOR IN MECHANICAL 150. TIE LIGHTING CONTACTOR TO A SWITCH BY THE RECEPTION DESK ON THE LOWER LEVEL NEXT TO THE COMMON AREA LIGHT SWITCHES.

2



1 LEVEL 02 REFLECTED CEILING PLAN AREA C - LIGHTING
1/8" = 1'-0"

KEY PLAN



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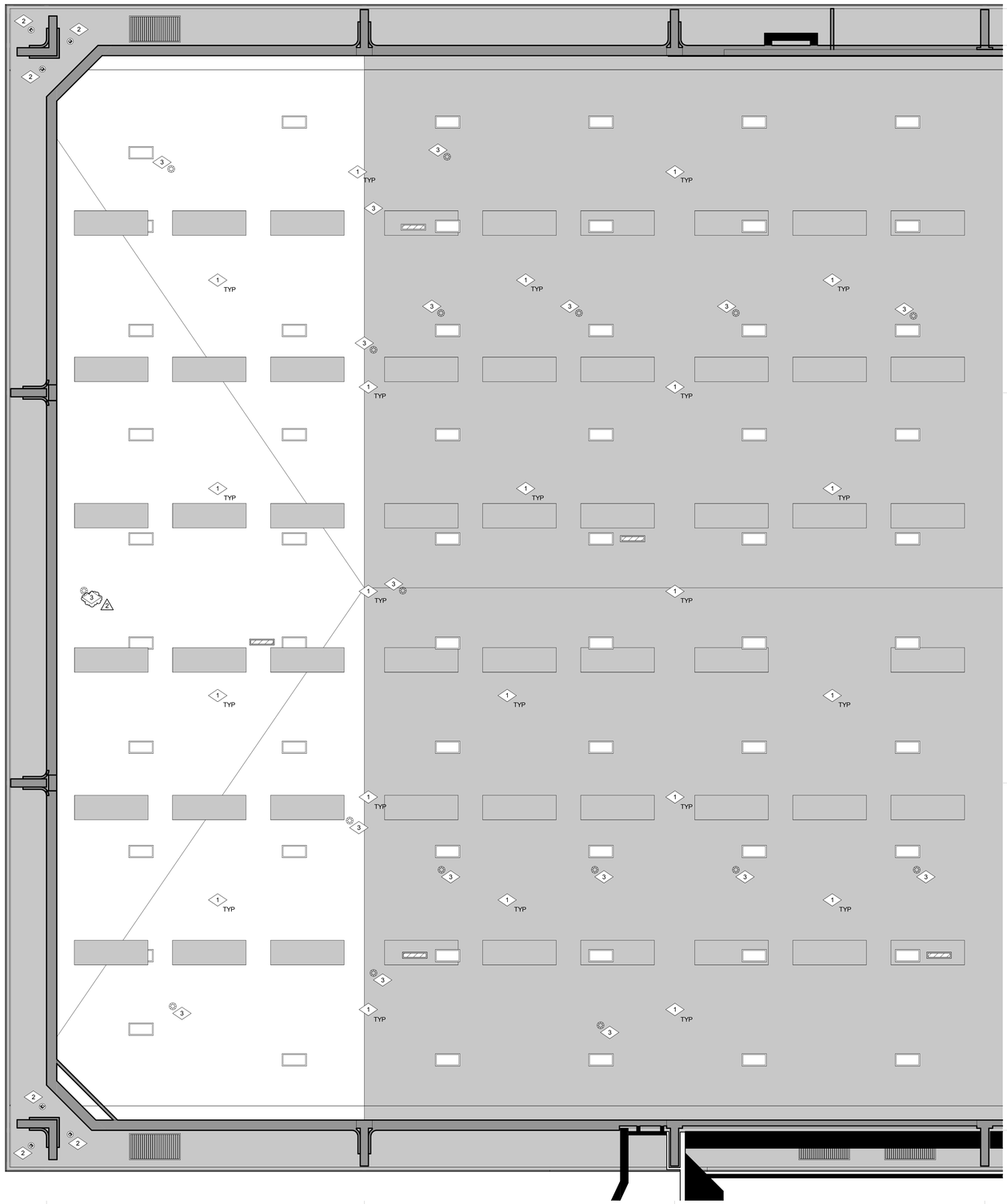
LEVEL 02 REFLECTED CEILING PLAN AREA C - LIGHTING

EL-102C

10/19/2012 2:13:40 PM

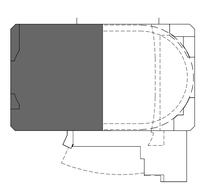
REFERENCE NOTES:

1. EXISTING HIGH BAY LIGHT FIXTURE ARE TO REMAIN. MAKE ANY MODIFICATIONS REQUIRED TO MAINTAIN CIRCUIT INTEGRITY.
2. EXISTING UNDER CANOPY LIGHT FIXTURES ARE TO REMAIN. MAKE ANY MODIFICATIONS REQUIRED TO MAINTAIN CIRCUIT INTEGRITY.
3. EXISTING DEVICES ARE TO REMAIN. MAKE ANY MODIFICATIONS REQUIRED TO MAINTAIN CIRCUIT INTEGRITY TO THESE DEVICES. PROVIDE CONDUIT AND CONDUCTORS AS NEEDED.



LEVEL 03 REFLECTED CEILING PLAN AREA A - LIGHTING
1/8" = 1'-0"

KEY PLAN



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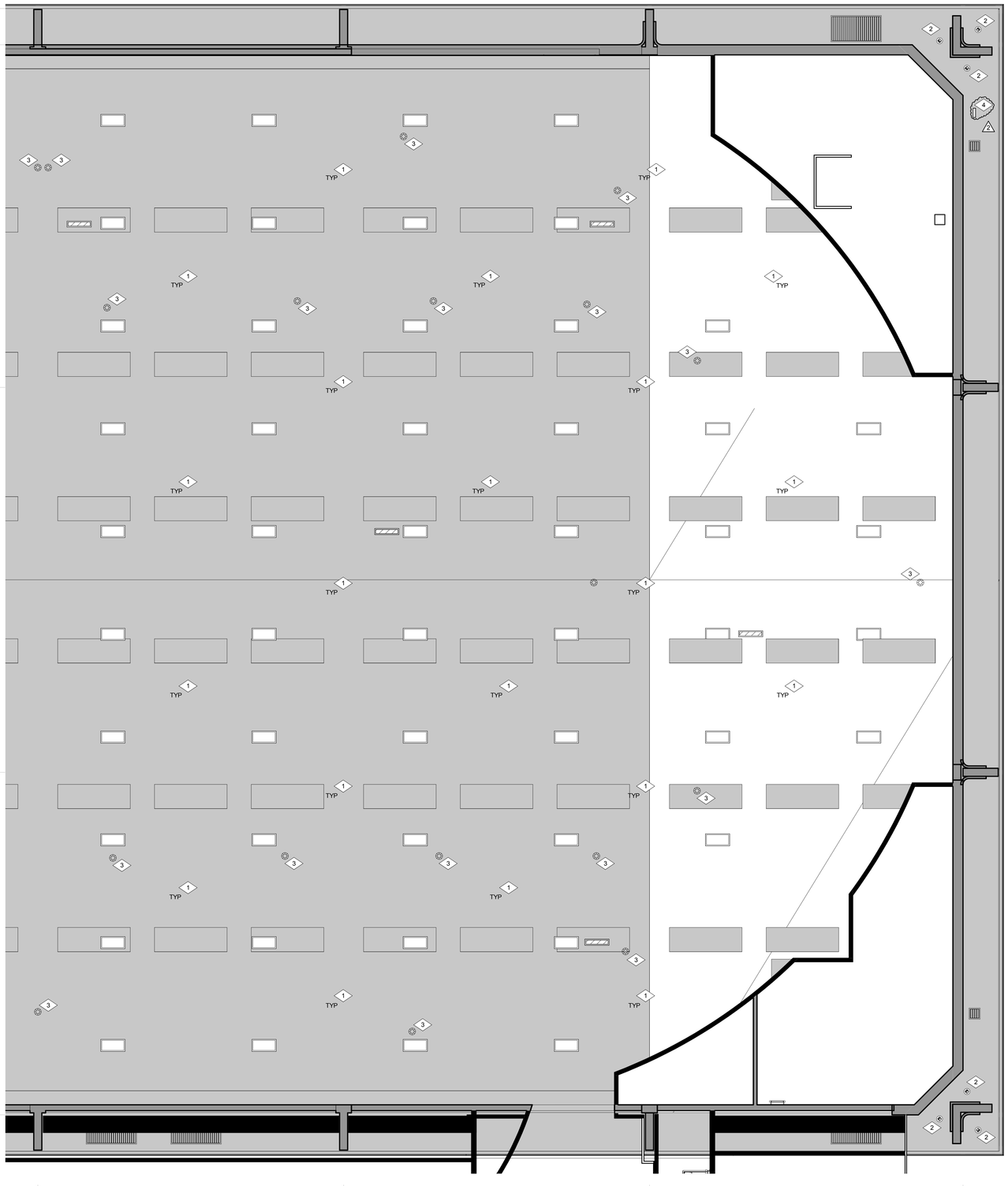
LEVEL 03 REFLECTED CEILING PLAN AREA A - LIGHTING

EL-103A

10/19/2012 2:13:41 PM

REFERENCE NOTES:

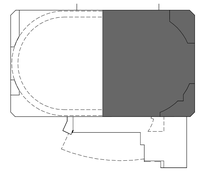
1. EXISTING HIGH BAY LIGHT FIXTURE ARE TO REMAIN. MAKE ANY MODIFICATIONS REQUIRED TO MAINTAIN CIRCUIT INTEGRITY.
2. EXISTING UNDER CANOPY LIGHT FIXTURES ARE TO REMAIN. MAKE ANY MODIFICATIONS REQUIRED TO MAINTAIN CIRCUIT INTEGRITY.
3. EXISTING DEVICES ARE TO REMAIN. MAKE ANY MODIFICATIONS REQUIRED TO MAINTAIN CIRCUIT INTEGRITY TO THESE DEVICES. PROVIDE CONDUIT AND CONDUCTORS AS NEEDED.
4. NEW LOCATION OF EXISTING LIGHTING RELAY PANEL. PROVIDE UNISTRUT SUPPORT. EXTEND ALL EXISTING CONDUIT AND CONDUCTORS TO NEW LOCATION.



NORTH

1 LEVEL 03 REFLECTED CEILING PLAN AREA B - LIGHTING
1/8" = 1'-0"

KEY PLAN



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#172577
10-03-12

DFCM CODE COMPLIANCE STAMP

Stromberg Student Activity Center

Stromberg Addition - BID SET

Weber State University
3750 Harrison Blvd. Ogden, UT 84408

Rev #	Date	Description
2	10-19-12	Addendum #3

Job # 4317
CAD File
Drawn PB Checked AM
Date 10.03.2012
Owner #

LEVEL 03 REFLECTED CEILING PLAN AREA B - LIGHTING

EL-103B

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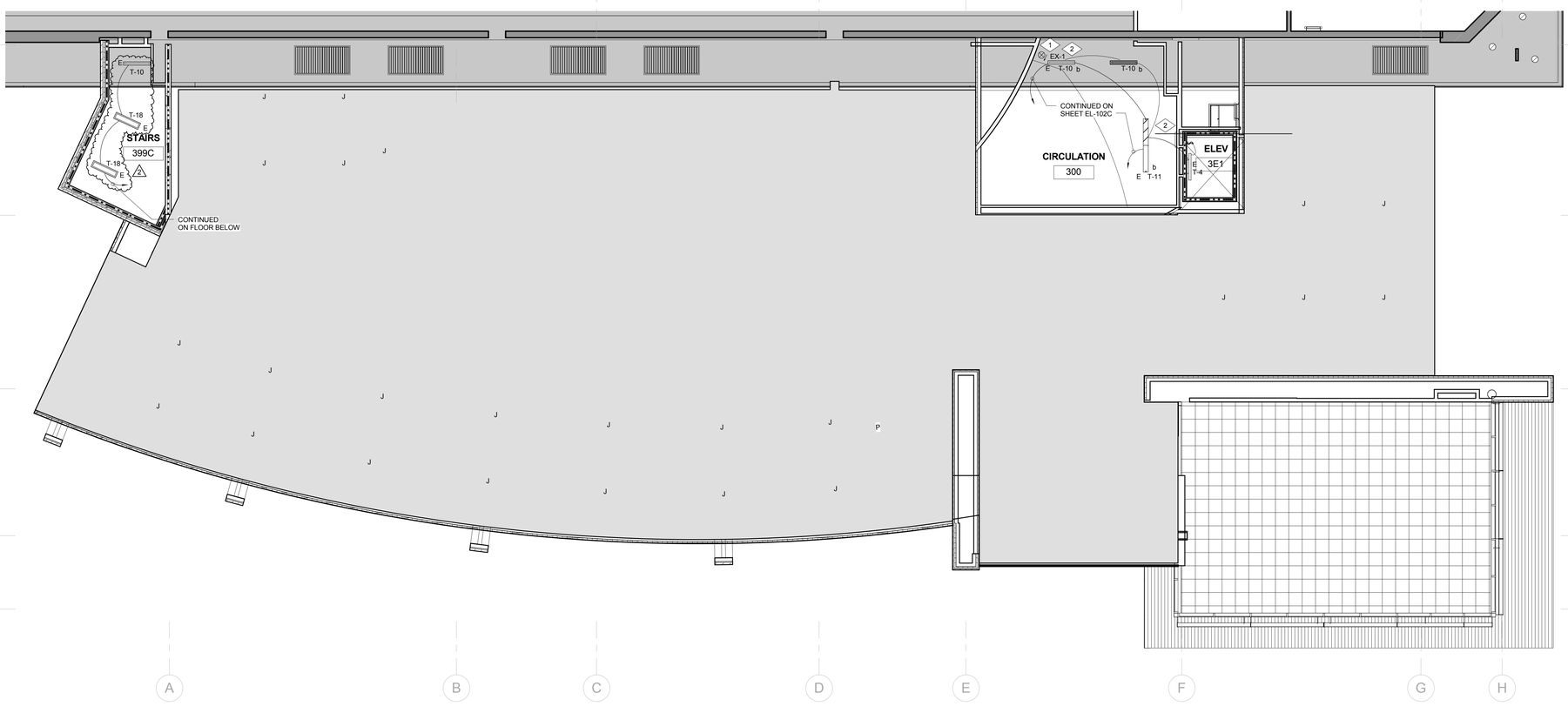
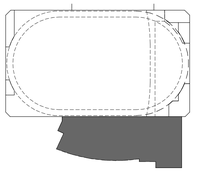
REFERENCE NOTES:

1. TIE EXIT SIGN TO THE NEAREST UNSWITCHED EMERGENCY LIGHTING CIRCUIT.
2. TIE EMERGENCY LIGHT TO A BODINE TRANSFER SWITCH (CAT. #GTD OR APPROVED EQUAL) SUCH THAT WHEN COMMERCIAL POWER FAILS THE EMERGENCY LIGHTS COME ON AUTOMATICALLY REGARDLESS OF POSITION OF LIGHT SWITCHES. PROVIDE UNSWITCHED POWER TO TRANSFER SWITCH. REFER TO MANUFACTURER WIRING DIAGRAM FOR MORE INFORMATION. NORMALLY THESE LIGHT FIXTURES ARE CONTROLLED BY LIGHT SWITCHES.



LEVEL 03 REFLECTED CEILING PLAN
AREA C - LIGHTING
1/8" = 1'-0"

KEY PLAN



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Stromberg Student Activity Center
Stromberg Addition - BID SET
Weber State University
3750 Harrison Blvd. Ogden, UT 84408

Rev #	Date	Description
2	10-19-12	Addendum #3

Job # 4317
CAD File
Drawn PB Checked AM
Date 10.03.2012
Owner #

LEVEL 03 REFLECTED CEILING PLAN - LIGHTING

EL-103C

10/19/2012 2:13:43 PM