

### IDAS

3903 10TH STREET  
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### STRUCTURAL

#### ABS CONSULTING

300 COMMERCE DRIVE, SUITE 200  
IRVINE, CA 96602-1300  
TEL. (714) 734-4242  
FAX. (714) 734-4272

#### INDEX

(NONE - MERGED W/ ARCH. DWG.)

### MECH. & PLUMBING

#### (NONE)

#### INDEX

(NONE - MERGED W/ ARCH. DWG.)

### ELECTRICAL

#### A&F ENGINEERING GROUP

9320 BASELINE RD. SUITE C  
RANCHO CUCAMONGA, CA 91701

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FAX (909) 941-8211

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### FURNITURE

#### KI

1330 BELLEVUE STREET  
GREEN BAY, WI 54302

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FAX (909) 941-8211

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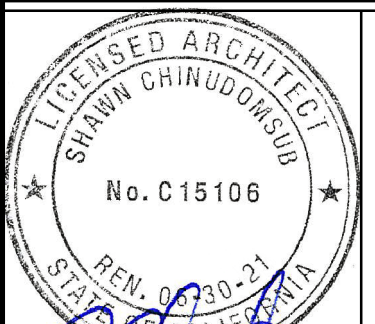
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Architect's Date:



Architect's Stamp:

Consultants Stamp:

### CODES & REGULATIONS

2019 CALIFORNIA BUILDING CODE (CBC) PART 2, VOLUMES 1 AND 2, TITLE 24 [BASED ON 2018 INTERNATIONAL BUILDING CODE]

2019 CALIFORNIA ELECTRICAL CODE (CEC) PART 3, TITLE 24 [BASED ON 2017 NATIONAL ELECTRICAL CODE]

2019 CALIFORNIA MECHANICAL CODE (CMC) PART 4, TITLE 24 [BASED ON 2018 UNIFORM MECHANICAL CODE]

2019 CALIFORNIA PLUMBING CODE (CPC) PART 5, TITLE 24 [BASED ON 2018 UNIFORM PLUMBING CODE]

2019 CALIFORNIA FIRE CODE (CFC) PART 9, TITLE 24 [BASED ON 2018 INTERNATIONAL FIRE CODE]

2019 CALIFORNIA REFERENCED STANDARD CODE, PART 12, TITLE 24

TITLE 19, PUBLIC SAFETY, STATE FIRE MARSHAL REGULATIONS

PARTIAL LIST OF APPLICABLE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) STANDARDS

NFPA 13, 2016 EDITION - INSTALLATION OF SPRINKLER SYSTEMS (AS AMENDED BY CSFM)

NFPA 14, 2016 EDITION - INSTALLATION OF STANDPIPE AND HOSE SYSTEMS (AS AMENDED BY CSFM)

NFPA 17A, 2017 EDITION - WET CHEMICAL EXTINGUISHING SYSTEMS

NFPA 24, 2016 EDITION - INSTALLATION OF PRIVATE FIRE SERVICE MAINS (AS AMENDED BY CSFM)

NFPA 25, (2013 CALIFORNIA EDITION, BASED ON NFPA 25, 2011 EDITION) - INSPECTION, TESTING & MAINTENANCE OF WATER-BASED FIRE PROTECTION SYSTEMS

NFPA 72, 2016 EDITION - NATIONAL FIRE ALARM AND SIGNALING CODE (AS AMENDED BY CSFM)

NFPA 80, 2016 EDITION - FIRE DOORS AND OTHER OPENING PROTECTIVES

REFER TO CBC CHAPTER 35 FOR ADDITIONAL STANDARDS NOT PROVIDED ON THIS LIST.

### EVALUATION REPORTS

1. ALL POWER-ACTUATED FASTENERS (SHOT PINS) SHALL BE HILTI LOW VELOCITY X-U, CONFORMING TO ICC-ES ESR-2269.
2. ALL POWER-ACTUATED CEILING CLIP ASSEMBLIES SHALL BE HILTI X-CW U27, CONFORMING TO ICC-ES ESR-2892.
3. ALL EXPANSION ANCHORS IN CONCRETE SHALL BE HILTI KWIK BOLT TZ CONFORMING TO ICC-ES ESR 1917.
4. ALL EXPANSION ANCHORS IN CMU SHALL BE HILTI KWIK BOLT 3 CONFORMING TO ICC-ES ESR 1385.
5. ALL METAL STUDS SHALL CONFORM TO ICC-ES ER-3016 OR ER-3064P.
6. ALL SUSPENDED ACOUSTICAL CEILING GRIDS SHALL BE PER ICC-ES ESR 1289, ESR 1308 AND ESR 2681.

### FIRE DEPARTMENT NOTES

1. PROVIDE FIRE ALARM MONITORING PLANS FOR APPROVAL UNDER SEPARATE PERMIT.
2. PROVIDE 2A-10:BC RATED FIRE EXTINGUISHER INSIDE PROJECT AREA AT ALL TIME..
3. FIRE EXTINGUISHERS SHALL BE PROVIDED PRIOR TO OCCUPANCY. FIRE EXTINGUISHERS SHALL BEAR A CALIFORNIA STATE FIRE MARSHAL'S SERVICE TAG; IT SHALL BE APPROPRIATELY RATED FOR THE HAZARD; SHALL BE MOUNTED SO THAT TOP OF THE EXTINGUISHERS IS NO HIGHER THAN FIVE (5) FEET; AND SHALL BE LOCATED SUCH THAT TRAVEL DISTANCE TO AN EXTINGUISHER DOES NOT EXCEED SEVENTY-FIVE (75) FEET.
4. OCCUPANT SHALL OBTAIN FIRE DEPARTMENT PERMITS AS REQUIRED BY U.F.C. ARTICLE 4 PRIOR TO OCCUPANCY OF BUILDING.
5. STORAGE, USE & DISPENSING OF MATERIALS SHALL COMPLY WITH TABLES 9-A, 9-B, 9-C, 9-D, 9-E OF THE UNIFORM BUILDING CODE & ARTICLES 79, 80 & 81 OF THE CALIFORNIA BUILDING CODE.

### BUILDING INFORMATION

YEAR BUILT: 1963  
ARCHITECTS: MAYNARD LYNDON, FAIA  
OCCUPANCY TYPE: A-3  
PROJECT FLOOR AREA: 4,856 SF INTERIOR (NO INCREASE)  
CONSTRUCTION TYPE: (1,515 SF SITE IMPROVEMENT)  
EXISTING: 3-N (PER 2019 CBC) W/O AUTO SPRINKLERS)

(PER CODE BASED ON CONSTRUCTION AND OCCUPANCY TYPE)

ACTUAL BUILDING AREA: 6,979 SF (MEZZANINE = 309 SF)  
ALLOWABLE AREA: 9,500 SF (MEZZANINE = 3,167 SF)  
ACTUAL HEIGHT: 41 FEET (FROM BASEMENT LEVEL)  
ALLOWABLE HEIGHT: 40 FEET  
NUMBER OF STORIES: 1 (W/ CATWALK & MEZZANINE)  
ALLOWABLE STORIES: 1

FIRE RESISTANCE-RATED CONSTRUCTION:

EXTERIOR WALL: NONCOMBUSTIBLE NO REQUIREMENTS (X>30')  
EXTERIOR BEARING WALL: NO REQUIREMENTS  
EXTERIOR NON-BEARING WALL: 1 HR (X<5')  
INTERIOR NON-BEARING WALL: NO REQUIREMENTS  
STRUCTURAL FRAME: NO REQUIREMENTS  
FLOOR AND FLOOR/CEILING: NO REQUIREMENTS  
ROOF AND ROOF/CEILING: NO REQUIREMENTS  
EXTERIOR DOORS AND WINDOWS: NO LIMIT (X>30')

FIRE WALL: 3 HR  
FIRE BARRIER: NO REQUIREMENTS WHEN FURNACE ROOM IS LESS THAN 400,000 BTU/HR AND LAUNDRY ROOM IS <100 SF

FIRE PARTITION: NO REQUIREMENTS  
SMOKE BARRIER: NO REQUIREMENTS  
SMOKE PARTITION: NO REQUIREMENTS  
HORIZONTAL ASSEMBLIES: NO REQUIREMENTS  
OPENING PROTECTIVE: NO REQUIREMENTS  
DUCT AND AIR TRANSFER OPENINGS: NO REQUIREMENTS  
CONCEALED SPACES: FIRE BLOCKING: UNKNOWN  
DRAFTSTOPPING: NO REQUIREMENTS

INTERIOR FINISH (W/O AUTOMATIC SPRINKLER SYSTEM):

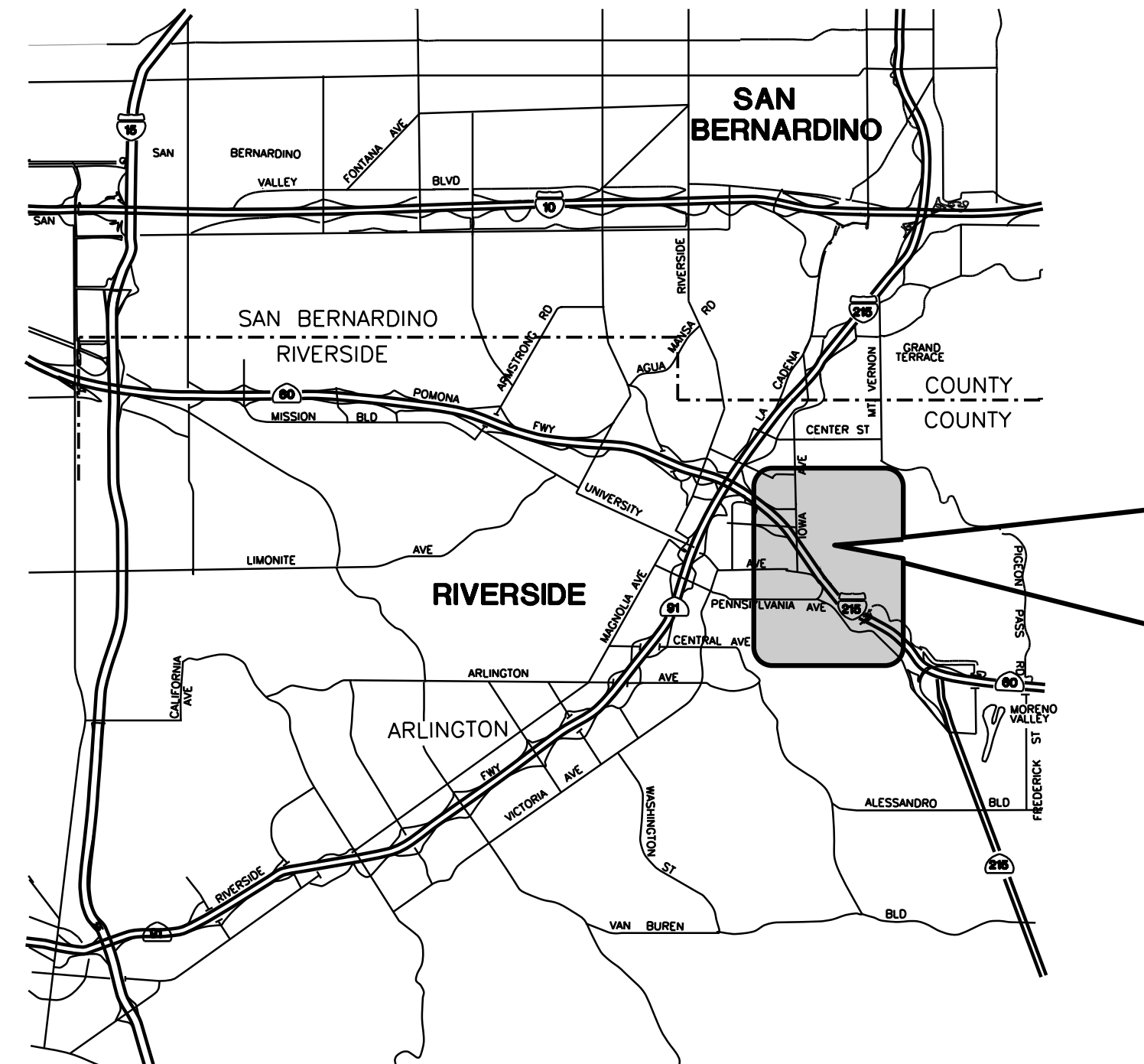
WALL: ROOM AND ENCLOSED SPACES: CLASS C  
FLOOR: CLASS II (MINIMUM CRITICAL RADIANT FLUX)

FIRE PROTECTION SYSTEM:  
AUTOMATIC SPRINKLER SYSTEM: NONE  
FIRE ALARM SYSTEM: A FIRE ALARM SYSTEM IN COMPLIANCE WITH THE CURRENT CODE NEEDS TO BE PROVIDED AND IS REQUIRED TO MEET THE UCR CAMPUS SYSTEM.

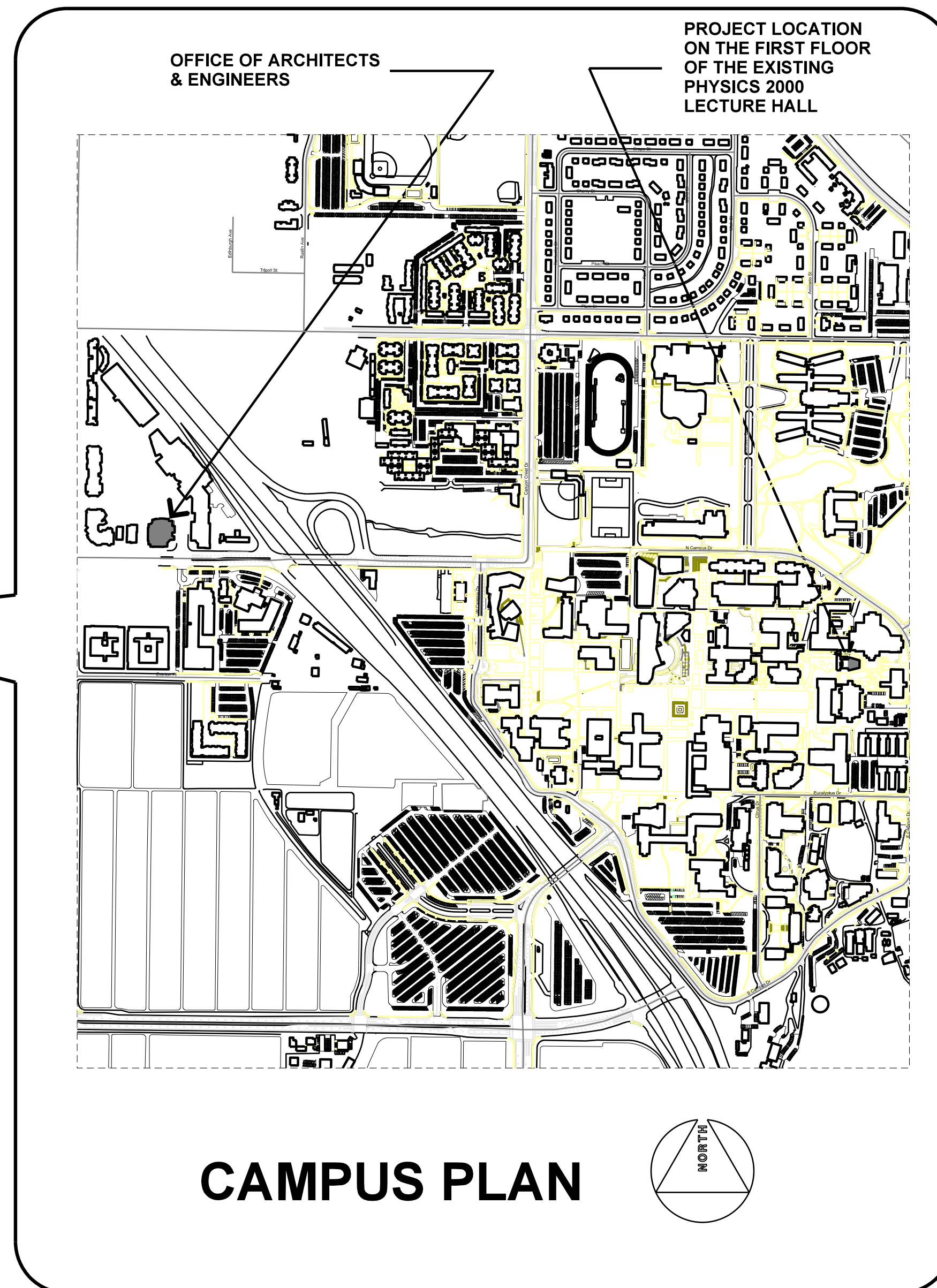
### PROJECT DESCRIPTION

RENOVATION OF LECTURE HALL WITH STEPPED SEATING, FOYER, AND STOREFRONT ENTRANCE AT THE EXISTING SEMI-DETACHED PHYSICS 2000 BUILDING, IN THE MIDDLE OF UCR CAMPUS, FOR THE APPROXIMATE BUILDING AREAS OF 4,856 SQUARE FEET, AND ALSO INCLUDES EXTERIOR SITE IMPROVEMENT OF STAIRS, RAMPS, HANDRAILS, GUARDS, ETC., FOR THE APPROXIMATE AREA OF 1,515 SQUARE FEET, AS SHOWN ON THIS SET OF DRAWINGS.

THE SCOPE OF THIS PROJECT INCLUDES MINOR MECHANICAL WORK (SHOWN IN ARCHITECTURAL DRAWINGS). NO PLUMBING WORK.



### VICINITY MAP



### CAMPUS PLAN

PROJECT TITLE  
UCR  
DMFI PROJECTS 2019  
PHYSICS 2000 RENEWAL  
CONSTRUCTION DOCUMENTS

#### REVISIONS

REV #	DESCRIPTION	DATE

APPROVED  
UCR RIVERSIDE  
Office of Planning, Design & Construction Services City of Riverside  
Building, Safety and Compliance Division  
Construction Division Manager

07/07/2020

Approved of this plan does not constitute or represent approval or disapproval from applicable agencies. Check all approval permits and its conditions on the project prior to construction.

Project Title: UCR DMFI PROJECTS 2019 PHYSICS 2000 RENEWAL

SCOTT DONNEL

Scale	AS NOTED	sd approval
Drawn by	J.D.	sd approval
Checked by	S.C.	cd approval
UCR project no.	957443	construction release
05/11/20		
Drawing Name	TITLE SHEET	Sheet No. G-001 OF



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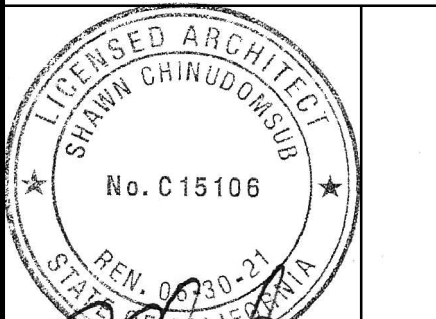
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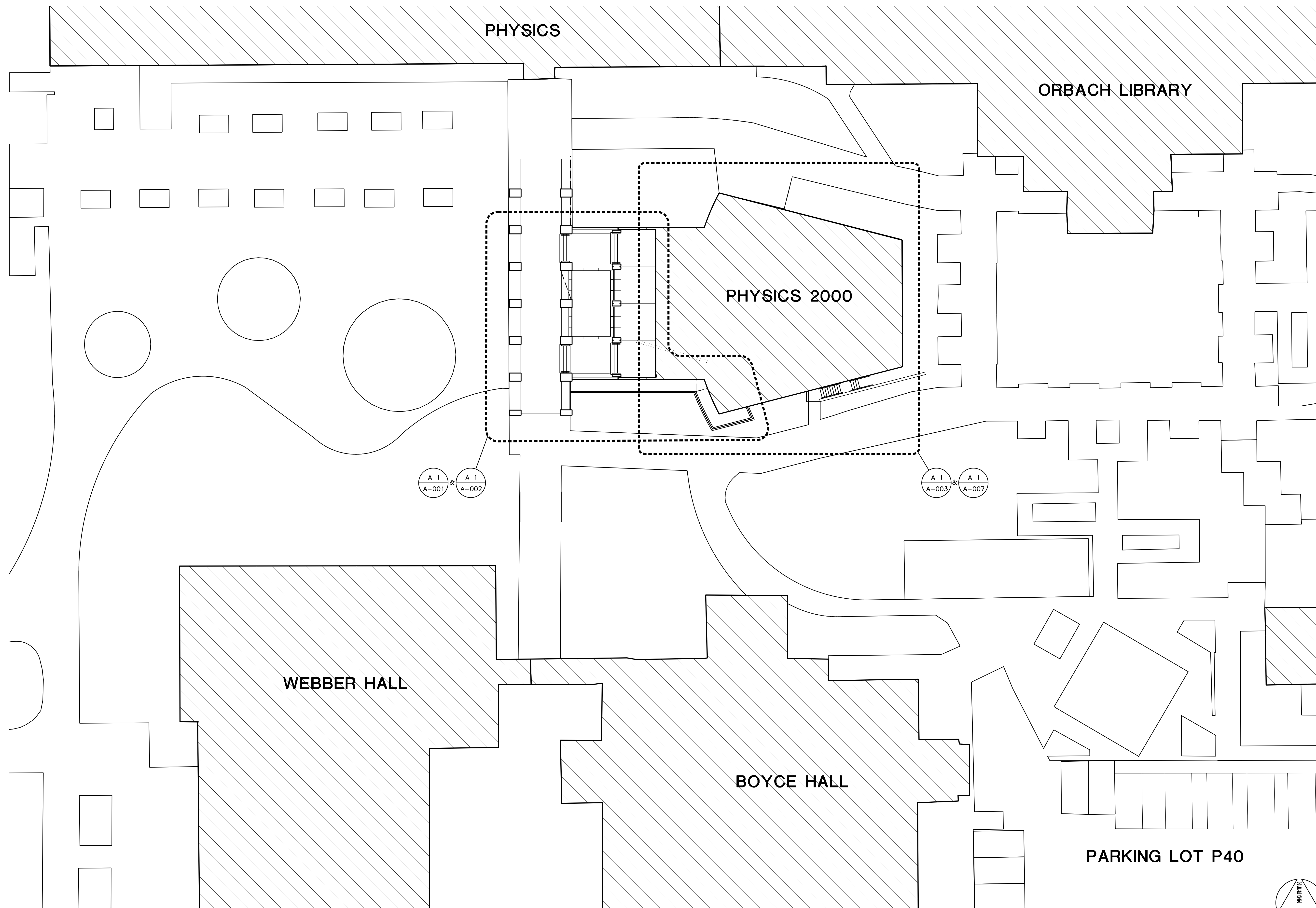


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Architect's Data:



Architect's Stamp: Consultants Stamp:



PROJECT TITLE  
UCR  
DMFI PROJECTS 2019  
PHYSICS 2000 RENEWAL  
CONSTRUCTION DOCUMENTS

REVISIONS		
REV #	DESCRIPTION	DATE

OFFICE OF THE CLERK OF THE SUPERIOR COURT, RIVERSIDE COUNTY, CALIFORNIA

**APPROVED**

07/07/2020

Approved for the above described project by the Clerk of the Superior Court, Riverside County, California.

Reviewed by: *[Signature]*

Consultants Data:

Project Title  
UCR  
DMFI PROJECTS 2019  
PHYSICS 2000 RENEWAL

UCR project manager  
**SCOTT DONNEL**

scale	AS NOTED	sd approval
Drawn by	J.D.	jd approval
Checked by	S.C.	sc approval
UCR project no.	957443	05/11/20
also number		construction release

Drawing Name  
PARTIAL SITE PLAN  
PROJECT LOCATION

Sheet No.  
G-002  
OF

**A1** PARTIAL SITE PLAN - PROJECT LOCATION

1/16" = 1'-0"

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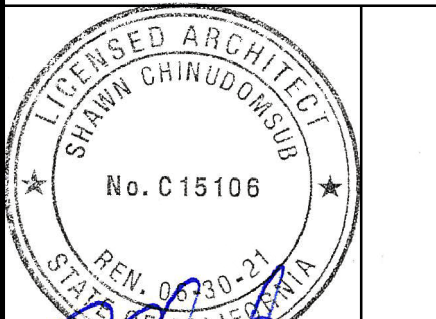


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PROJECT TITLE  
**UCR  
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PHYSICS 2000 RENEWAL**  
CONSTRUCTION DOCUMENTS

REVISIONS

REV #	DESCRIPTION	DATE



Consultants Data:

Project Title  
**UCR  
DMFI PROJECTS 2019  
PHYSICS 2000 RENEWAL**

UCR project manager  
**SCOTT DONNEL**

Scale	AS NOTED	sd approval
Drawn by	J.D.	sd approval
Checked by	S.C.	cd approval
UCR project no.	957443	construction release
050 number		

Drawing Name  
**(E) SITE PLAN  
DEMO. & NOTES**

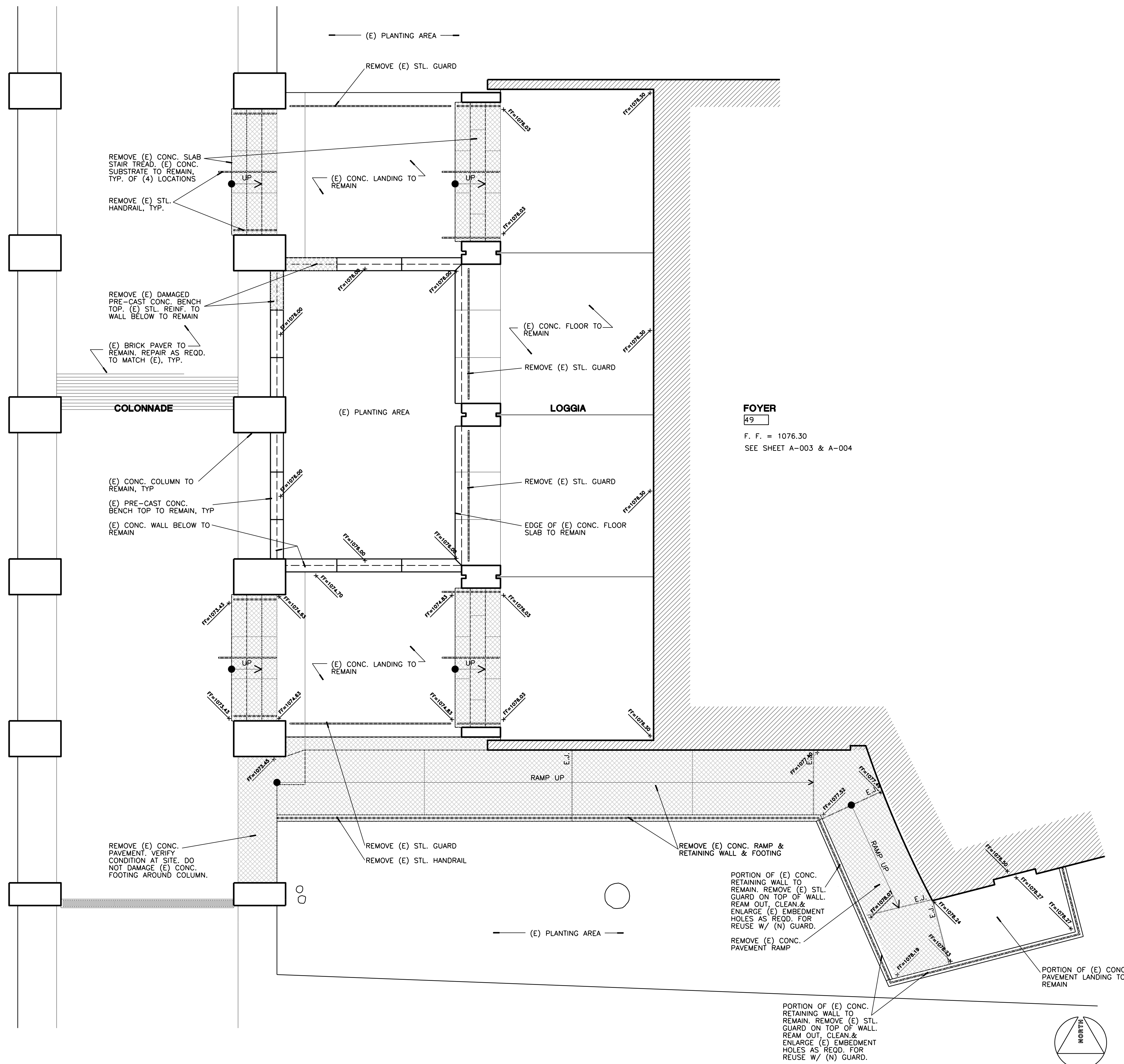
Sheet No.  
**A-001**  
of

GENERAL NOTES

- THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO AMEND THE BUILDING IN ACCORDANCE WITH CALIFORNIA BUILDING STANDARDS CODE, TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY CONDITIONS DEVELOP NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH SAID CODE, IMMEDIATELY NOTIFY OWNER AND ARCHITECT.
- ALL WORK, MATERIALS, TOOLS, EQUIPMENT AND METHODS SHALL BE IN COMPLIANCE WITH, OR MAY EXCEED, THE REQUIREMENTS OF THE APPLICABLE CODES AND ALL PERTINENT LOCAL ORDINANCES. WHERE THE CODES AND LOCAL ORDINANCES ARE IN CONFLICT, THE MORE STRINGENT REQUIREMENTS SHALL APPLY.
- WHEN INSTALLING DRILLED-IN ANCHORS AND/OR POWDER DRIVEN PINS IN EXISTING NON-PRESTRESSED REINFORCED CONCRETE, USE CARE AND CAUTION TO AVOID CUTTING OR DAMAGING THE EXISTING REINFORCING BARS. WHEN INSTALLING THEM INTO EXISTING PRESTRESSED CONCRETE (PRE- OR POST-TENSIONED), LOCATE THE PRESTRESSED TENDONS BY USING A NON-DESTRUCTIVE METHOD PRIOR TO INSTALLATION. MAINTAIN A MINIMUM CLEARANCE OF 1 INCH BETWEEN THE REINFORCEMENT AND THE DRILLED-IN ANCHOR AND/OR PIN.
- THE CONTRACTOR SHALL BEAR THE RISK OF CONCEALED OR UNKNOWN CONDITIONS, IF ANY, WHICH MAY BE ENCOUNTERED IN PERFORMING THE WORK; AND THAT THE CONTRACTOR'S BID WAS MADE WITH FULL KNOWLEDGE OF THIS RISK. THE CONTRACTOR UNDERSTANDS THAT CONCEALED OR UNKNOWN CONDITIONS SHALL NOT EXCUSE THE CONTRACTOR FROM THEIR OBLIGATION TO ACHIEVE FULL COMPLETION OF THE WORK WITHIN THE CONTRACT TIME, AND SHALL NOT ENTITLE THE CONTRACTOR TO AN ADJUSTMENT OF THE CONTRACT SUM.
- WHEN AN ALTERNATE METHOD OR SUBSTITUTION IS ACCEPTED BY OWNER AND ARCHITECT AS AN APPROVED EQUAL, THE CONTRACTOR SHALL ASSUME RESPONSIBILITIES FOR SUBSEQUENT CHANGES OR MODIFICATIONS AS THE RESULT OF THE SUBSTITUTION, INCLUDING THE COSTS FOR THE DESIGN AND ENGINEERING FEES AND THE APPROVAL PROCESS.
- THE CONTRACTOR SHALL ASSUME RESPONSIBILITIES FOR CORRECTIVE COSTS, INCLUDING DESIGN AND ENGINEERING FEES, PLAN CHECK AND APPROVAL FEES, FOR WORK FOUND TO BE NONCONFORMING TO THE CONSTRUCTION DOCUMENTS, UNLESS AGREED TO OTHERWISE BY OWNER AND ARCHITECT.
- REPAIR AND FINISH TO RESTORE THE ORIGINAL CONDITION OF ALL EXISTING COMPONENTS OF THE BUILDING, THAT ARE TO REMAIN, THAT ARE AFFECTED BY THE WORK PERFORMED UNDER THIS CONTRACT, TO THE SATISFACTION OF OWNER AND ARCHITECT, UNLESS DIRECTED OTHERWISE.
- TAKE MEASURES TO ACCOMPLISH THE WORK WITH MINIMAL INTERRUPTION TO NORMAL BUILDING PROCEDURES AND OPERATIONS. KEEP NOISE AND DUST DOWN TO AN ABSOLUTE MINIMUM.
- VERIFY ALL DIMENSIONS AND LOCATIONS OF ALL EXISTING WORK, UTILITIES AND EQUIPMENT. IMMEDIATELY NOTIFY ARCHITECT FOR CLARIFICATION WHEN ANY DISCREPANCIES ARE DISCOVERED BY SUBMITTING A WRITTEN REQUEST FOR INFORMATION. ALLOW A MINIMUM OF 72 HOURS FOR ARCHITECT TO RESPOND TO ANY REQUESTS FOR INFORMATION.
- MAKE NECESSARY PROVISIONS TO MAINTAIN THE INTEGRITY OF SYSTEMS PRIOR TO DEMOLITION AND CONSTRUCTION.
- ITEMS INDICATED TO BE REMOVED OR RELOCATED MAY NOT BE EXHAUSTIVE. DISPOSITION OF ANY ITEMS NOT SHOWN MUST BE VERIFIED WITH OWNER.
- UNLESS INDICATED OTHERWISE, ALL EXISTING BUILDING STRUCTURAL MEMBERS SHALL NOT BE MODIFIED.
- PROVIDE TEMPORARY PARTITIONS AND BARRICADES AS REQUIRED IN COMPLIANCE WITH C.F.C., PART 9 TITLE 24, CCR.
- UNLESS INDICATED OTHERWISE, ALL FINISH MATERIALS AND WORKMANSHIP SHALL MATCH EXISTING ADJACENT CONSTRUCTION THAT IS TO REMAIN.
- DO NOT SCALE THE DRAWINGS, UNLESS DIRECTED BY ARCHITECT.
- ALL DIMENSIONS SHOWN AT CENTER OF WALL REPRESENT CENTERLINE OF STUD. ALL DIMENSIONS SHOWN AT EDGE OF WALL ARE TO FACE OF FINISH, UNLESS NOTED OTHERWISE.
- ALL SYMBOLS AND ABBREVIATIONS USED ON THE DRAWINGS ARE CONSIDERED TYPICAL CONSTRUCTION INDUSTRY STANDARDS. NOTIFY ARCHITECT IF CLARIFICATION IS NEEDED BEFORE PROCEEDING WITH THE PART OF WORK IN QUESTION.
- ALL EXISTING FIRE RESISTIVE ASSEMBLIES AND CONSTRUCTION, THAT ARE TO REMAIN, SHALL BE MAINTAINED. REPAIR AS REQUIRED TO MATCH EXISTING CONDITIONS, UNLESS OTHERWISE NOTED.
- ALL FIRE PENETRATIONS SHALL CONFORM TO 2000 UL FIRE RESISTANCE DIRECTORY. PROVIDE UL APPROVED NUMBER FOR ALL FIRESTOPPING MATERIALS, DEVICES AND SYSTEMS. ONE COPY OF UL FIRE RESISTANCE DIRECTORY SHALL BE ON THE JOB SITE AT ALL TIME.
- EXISTING FIRE PROTECTION SYSTEMS SHALL BE OPERATIONAL AT ALL TIMES DURING CONSTRUCTION.
- PROVIDE AND LOCATE BACKING PLATES BEHIND ALL WALL MOUNTED EQUIPMENT, CASEWORK, RAILINGS & ACCESSORIES TO ENSURE POSITIVE ATTACHMENT TO STRUCTURE.
- PROVIDE APPROPRIATE ACCESS PANELS REQUIRED TO MAINTAIN OR TO OPERATE UTILITY SYSTEMS. COORDINATE SIZE AND LOCATION OF ACCESS PANELS WITH THE OWNER.
- NOTIFY AND COORDINATE ANY SYSTEM SHUTDOWN WITH OWNER, WITH A MINIMUM OF 48 HOURS ADVANCE NOTICE.

DEMOLITION NOTES

- SHADED CROSS HATCH AREAS REPRESENT (E) ITEMS TO BE REMOVED.
- REMOVE SOIL, IRRIGATION & TREE IN (E) PLANTING AREA AS REQUIRED FOR (N) WORK. SAW CUT & REMOVE (E) CONC. BOTTOM SLAB, LINING MATERIAL, & MOSAIC FINISH BELOW GRADE. HIGH-PRESSURE WASH ALL SURFACES THAT WILL BECOME EXPOSED & GRIND SMOOTH ALL (E) CONC. SURFACES TO FLUSH & MATCH W/ (E) SURFACES THAT ARE TO REMAIN. VERIFY AT SITE.
- REMOVE (E) CONC. WORK AT (E) JOINT OR SCORELINES WHERE APPLICABLE. GRIND SMOOTH ALL OUTSIDE CORNERS OF CONC. AT CUT LINES THAT ARE TO REMAIN TO RID OF SHARP CORNERS, TYP.
- AT CONC. CUT LINES WHERE (E) REBAR BECOMES EXPOSED, REMOVE (E) REBAR 1" BELOW FINISH SURFACE OF CONC. REPAIR CONC. FINISH SURFACES TO MATCH ADJACENT UN CUT SURFACE.
- SURFACE OF (E) BUILDING COMPONENT WHICH IS TO REMAIN THAT BECOMES EXPOSED DUE TO DEMOLITION OF ADJACENT WORK SHALL BE CLEANED, REPAIRED AS RECD. TO MATCH (E) REMAINING VISIBLE SURFACE.
- AT (E) STEEL RAILING, POSTS, CHAIR LEGS, BRACKETS, ANCHOR BOLTS, & MISC. ITEMS EMBEDDED INTO CONC., CUT THEM AT MIN. OF 1/2" BELOW FINISH SURFACE. PATCH HOLES AS RECD.. REPAIR SURFACE TO MATCH (E) CONDITION.



**A1** (E) SITE PLAN - SELECTIVE DEMOLITION  
1/4" = 1'-0"

**A5** NOTES



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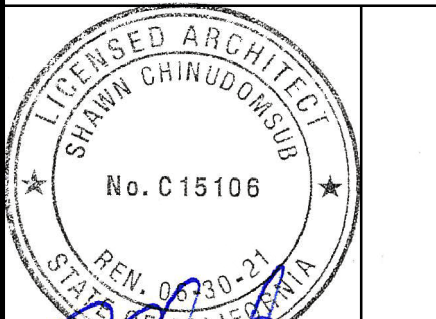
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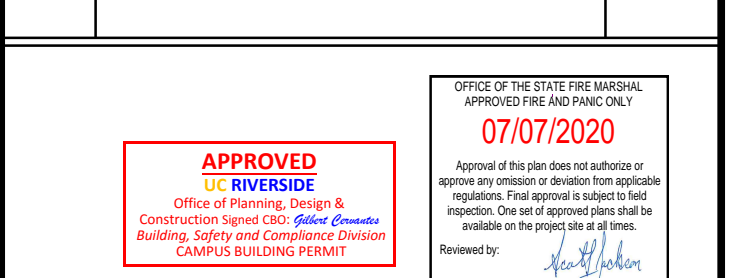
Architect's Data:



Architect's Stamp: Consultants Stamp:

PROJECT TITLE: UCR DMFI PROJECTS 2019 PHYSICS 2000 RENEWAL CONSTRUCTION DOCUMENTS

Table with 3 columns: REV #, DESCRIPTION, DATE. Under heading REVISIONS.



Consultants Data: Project Title UCR DMFI PROJECTS 2019 PHYSICS 2000 RENEWAL

Table with columns: Role, Name, Date. Includes Project Manager SCOTT DONNEL and Drawing Date 05/11/20.

Drawing Name: (N) SITE PLAN SYMBOLS & NOTES. Sheet No. A-002 of

NOTE:

- 1. SEPARATE POUR FOR TREAD FLOOR GRATE... 2. CONC. TEXTURE OF FLOOR SLABS... 3. CONC. TEXTURE AT CURB OF RAMPS...

- EXTERIOR EXIT DISCHARGE, NORTH ARROW, EXISTING WALL OR OTHER ITEMS TO BE REMOVED, EXISTING WALL TO REMAIN, NEW WALL TYPE, EXISTING CONC. WALL TO REMAIN, DETAIL CALL-OUT, ELEVATION, SECTION CUT, REVISION, GRID LINE, MATCH LINE, ROOM IDENTIFICATION, CONTROL POINT, DOOR IDENTIFICATION NUMBER, WINDOW IDENTIFICATION, EQUIPMENT IDENTIFICATION.

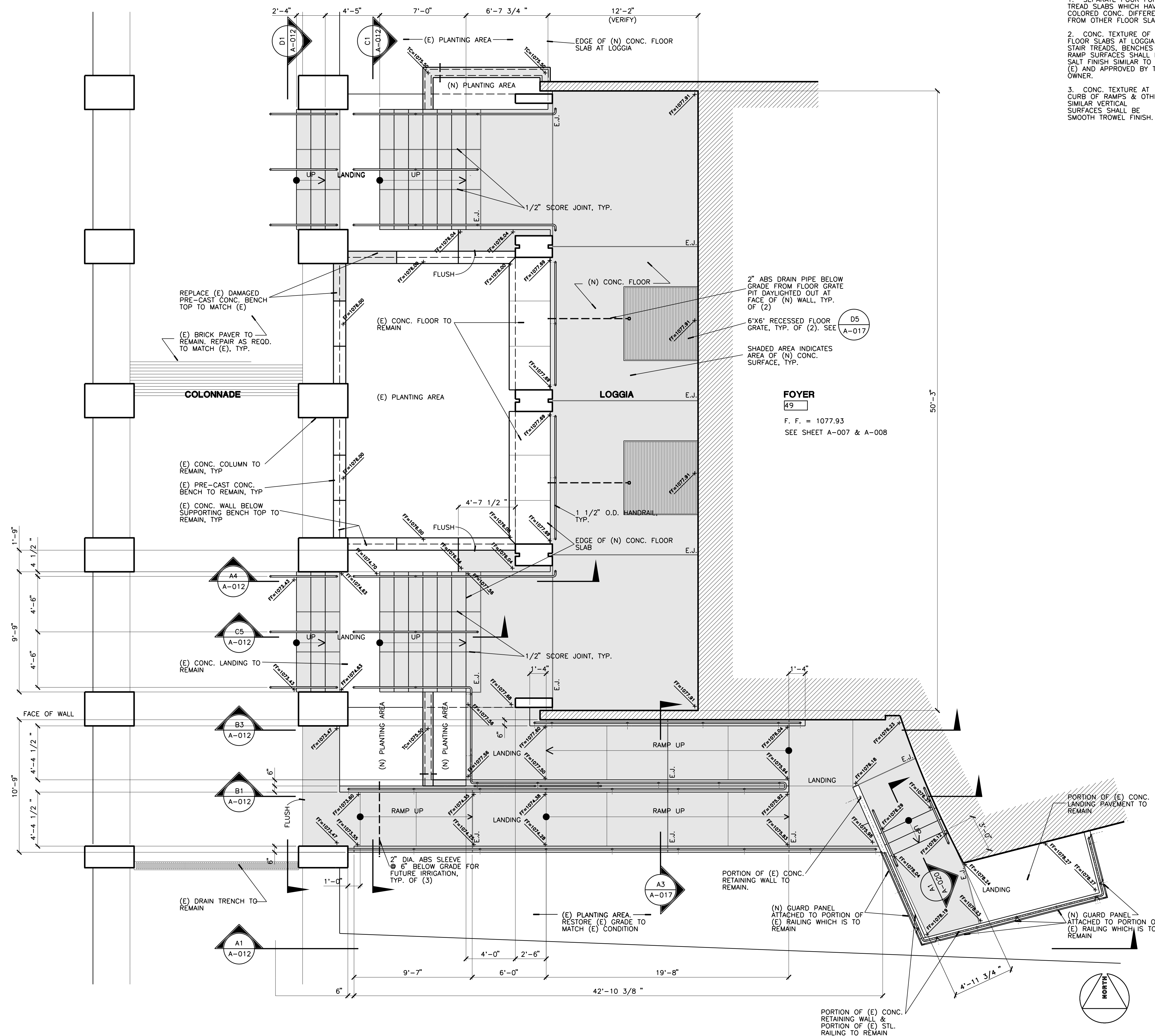
Table with columns: C5, SYMBOLS. Row 1: NONE.

OWNER-FURNISHED, CONTRACTOR-INSTALLED (O.F.C.I.)

- 1. THE CONTRACTOR SHALL VERIFY EXACT SIZES AND SERVICES REQUIRED FOR EACH ITEM OF EQUIPMENT... 2. PROVIDE ALL MATERIAL AND APPURTENANCES... 3. THE CONTRACTOR SHALL RECEIVE AT THE PROJECT SITE EACH ITEM OF EQUIPMENT... 4. THE CONTRACTOR SHALL GIVE THE OWNER 90 DAYS PRIOR NOTICE... 5. CONTRACTOR SHALL BE RESPONSIBLE FOR RECEIVING O.F.C.I. ITEMS... 6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL PLACING... 7. O.F.C.I. ITEMS: A. METAL PERFORATED PANELS...

OWNER-FURNISHED, OWNER-INSTALLED WORK (O.F.O.I.)

- 1. ITEMS SHOWN ON THE DRAWINGS AS O.F.O.I. SHALL BE FURNISHED BY THE OWNER... 2. O.F.O.I. ITEMS: A. SEATS & WORK SURFACES INSIDE LECTURE HALL 48.



Vertical text on the left margin: 010508/UCR/319230DP/40202P/2p, 2:28:23 PM

Table with columns: A1, NEW SITE PLAN - REMODELED, 1/4" = 1'-0". Row 1: A1, NEW SITE PLAN - REMODELED, 1/4" = 1'-0".

Table with columns: A5, O.F.C.I. & O.F.O.I. NOTES, NONE.

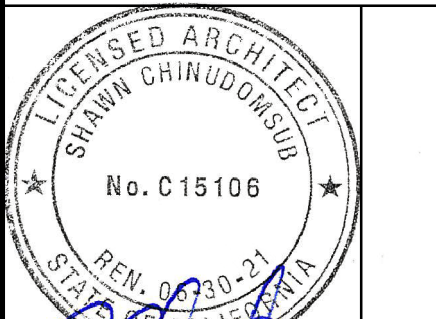


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**UCR**  
**DMFI PROJECTS 2019**  
**PHYSICS 2000 RENEWAL**  
**CONSTRUCTION DOCUMENTS**

REVISIONS

REV #	DESCRIPTION	DATE

APPROVED WITH COMMENTS  
see A 007 for reversed door swing

Consultants Data:

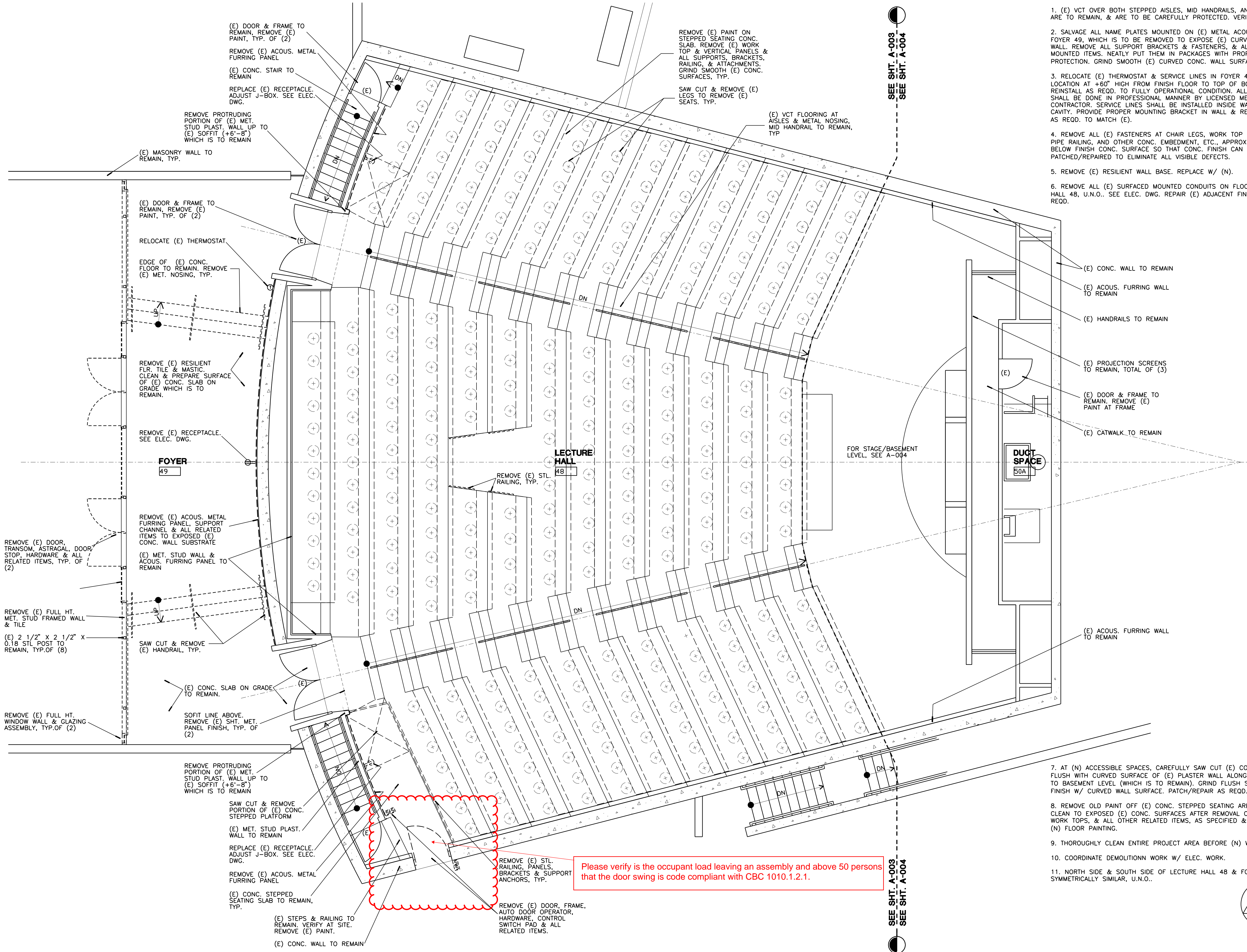
Project Title  
**UCR**  
**DMFI PROJECTS 2019**  
**PHYSICS 2000 RENEWAL**

UCR project manager <b>SCOTT DONNEL</b>	
scale AS NOTED	sd approval
Drawn by J.D.	dd approval
Checked by S.C.	cd approval
UCR project no. 957443	05/11/20
also number	construction release

Drawing Name  
**(E) 1st FLR. PLAN - DEMOLITION**  
Sheet No.  
**A-003**  
OF

DEMOLITION NOTES

- (E) VCT OVER BOTH STEPPED AISLES, MID HANDRAILS, AND NOSING ARE TO REMAIN, & ARE TO BE CAREFULLY PROTECTED. VERIFY AT SITE.
- SALVAGE ALL NAME PLATES MOUNTED ON (E) METAL ACOUS. PANEL IN FOYER 49, WHICH IS TO BE REMOVED TO EXPOSE (E) CURVED CONC. WALL. REMOVE ALL SUPPORT BRACKETS & FASTENERS, & ALL OTHER WALL MOUNTED ITEMS. NEATLY PUT THEM IN PACKAGES WITH PROPER PROTECTION. GRIND SMOOTH (E) CURVED CONC. WALL SURFACE.
- RELOCATE (E) THERMOSTAT & SERVICE LINES IN FOYER 49 TO (N) LOCATION AT 4'-60" HIGH FROM FINISH FLOOR TO TOP OF BOX, & REINSTALL AS REQD. TO FULLY OPERATIONAL CONDITION. ALL WORK SHALL BE DONE IN PROFESSIONAL MANNER BY LICENSED MECHANICAL CONTRACTOR. SERVICE LINES SHALL BE INSTALLED INSIDE WALL CAVITY. PROVIDE PROPER MOUNTING BRACKET IN WALL & REPAIR WALL AS REQD. TO MATCH (E).
- REMOVE ALL (E) FASTENERS AT CHAIR LEGS, WORK TOP SUPPORTS, PIPE RAILING, AND OTHER CONC. EMBEDMENT, ETC., APPROX. 1/2" BELOW FINISH CONC. SURFACE SO THAT CONC. FINISH CAN BE PROPERLY PATCHED/REPAIRED TO ELIMINATE ALL VISIBLE DEFECTS.
- REMOVE (E) RESILIENT WALL BASE. REPLACE W/ (N).
- REMOVE ALL (E) SURFACED MOUNTED CONDUITS ON FLOOR OF LECTURE HALL 48, U.N.O.. SEE ELEC. DWG. REPAIR (E) ADJACENT FINISHES AS REQD.



Please verify is the occupant load leaving an assembly and above 50 persons that the door swing is code compliant with CBC 1010.1.2.1.

**A1** (E) 1st FLOOR PLAN - DEMOLITION

1/4" = 1'-0"



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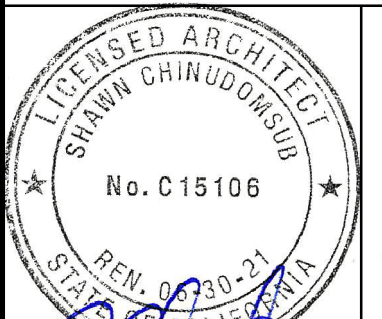
OFFICE OF ARCHITECTS & ENGINEERS

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RIVERSIDE, CA. 92507  
TEL: (951) 827-4706 FAX: (951) 827-2402



Institutional Designs & Architectural Services  
3803 10th Street, Riverside, CA 92501-3521  
Tel: (951) 342-3135 Fax: (951) 342-3137

Architect's Data:



Architect's Stamp:

Consultants Stamp:

PROJECT TITLE  
**UCR**  
**DMFI PROJECTS 2019**  
**PHYSICS 2000 RENEWAL**  
**CONSTRUCTION DOCUMENTS**

REVISIONS

REV #	DESCRIPTION	DATE

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UCR RIVERSIDE  
Office of Planning, Design & Construction Services  
Building, Safety and Compliance Division  
CAMPUS BUILDINGS PERMIT

OFFICE OF THE STATE FIRE MARSHAL  
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07/07/2020

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Reviewed by: *[Signature]*

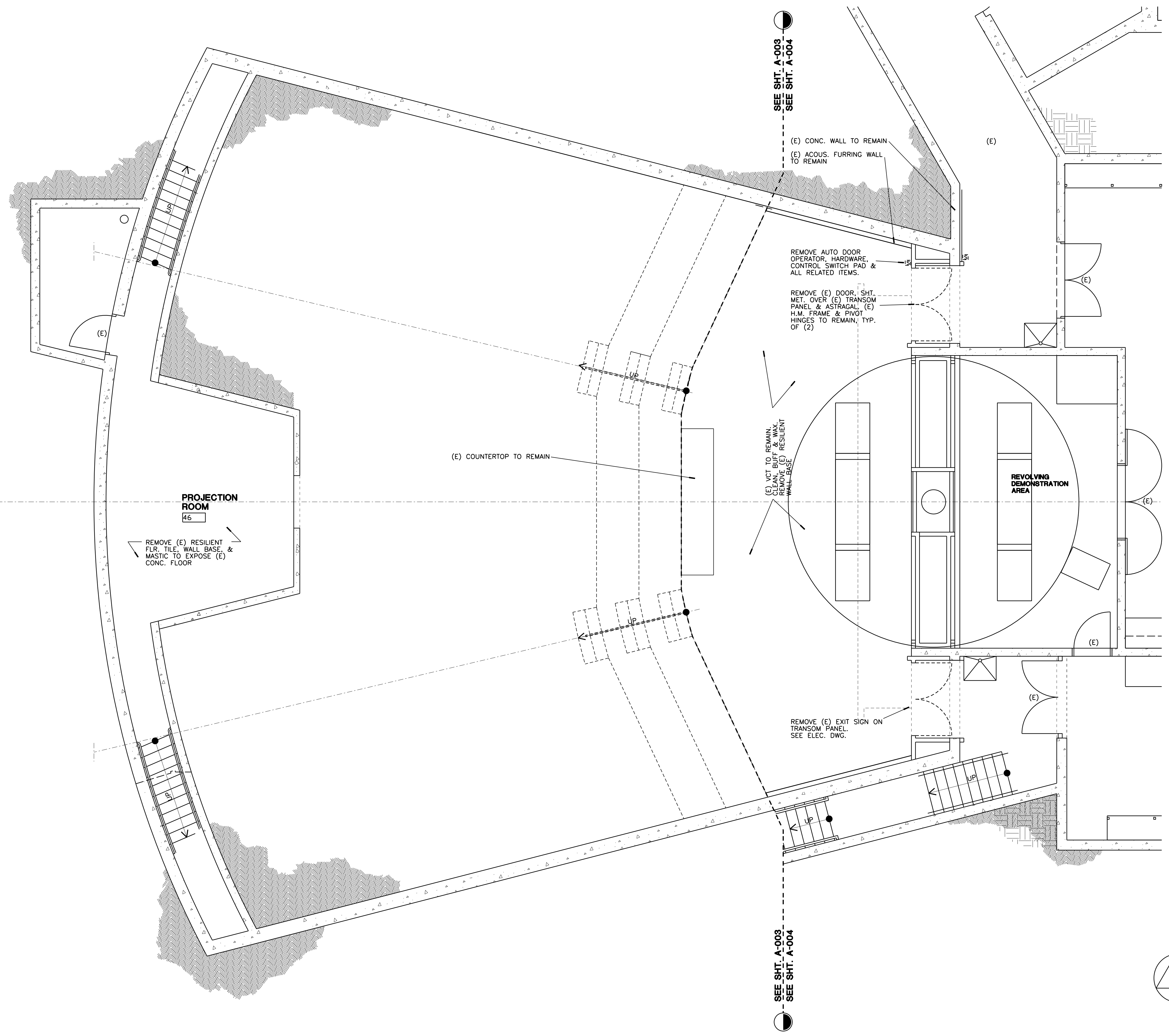
Consultants Data:

Project Title  
**UCR**  
**DMFI PROJECTS 2019**  
**PHYSICS 2000 RENEWAL**

UCR project manager  
**SCOTT DONNEL**

scale	AS NOTED	sd approval
Drawn by	J.D.	dd approval
Checked by	S.C.	cd approval
UCR project no.	957443	05/11/20
also number		construction release

Drawing Name  
**(E) BASEMENT DEMOLITION**  
Sheet No.  
**A-004**  
of



**A1** (E) BASEMENT PLAN - DEMOLITION

1/4" = 1'-0"

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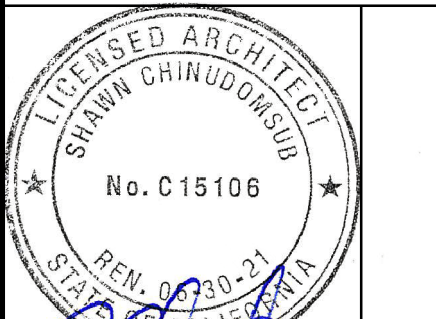
OFFICE OF ARCHITECTS & ENGINEERS

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Architect's Data:



Architect's Stamp: Consultants Stamp:

PROJECT TITLE  
UCR  
DMFI PROJECTS 2019  
PHYSICS 2000 RENEWAL  
CONSTRUCTION DOCUMENTS

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Office of Institutional Design & Construction  
UCR RIVERSIDE  
Building Safety and Construction Division  
CALIFORNIA BUILDING PERMITS

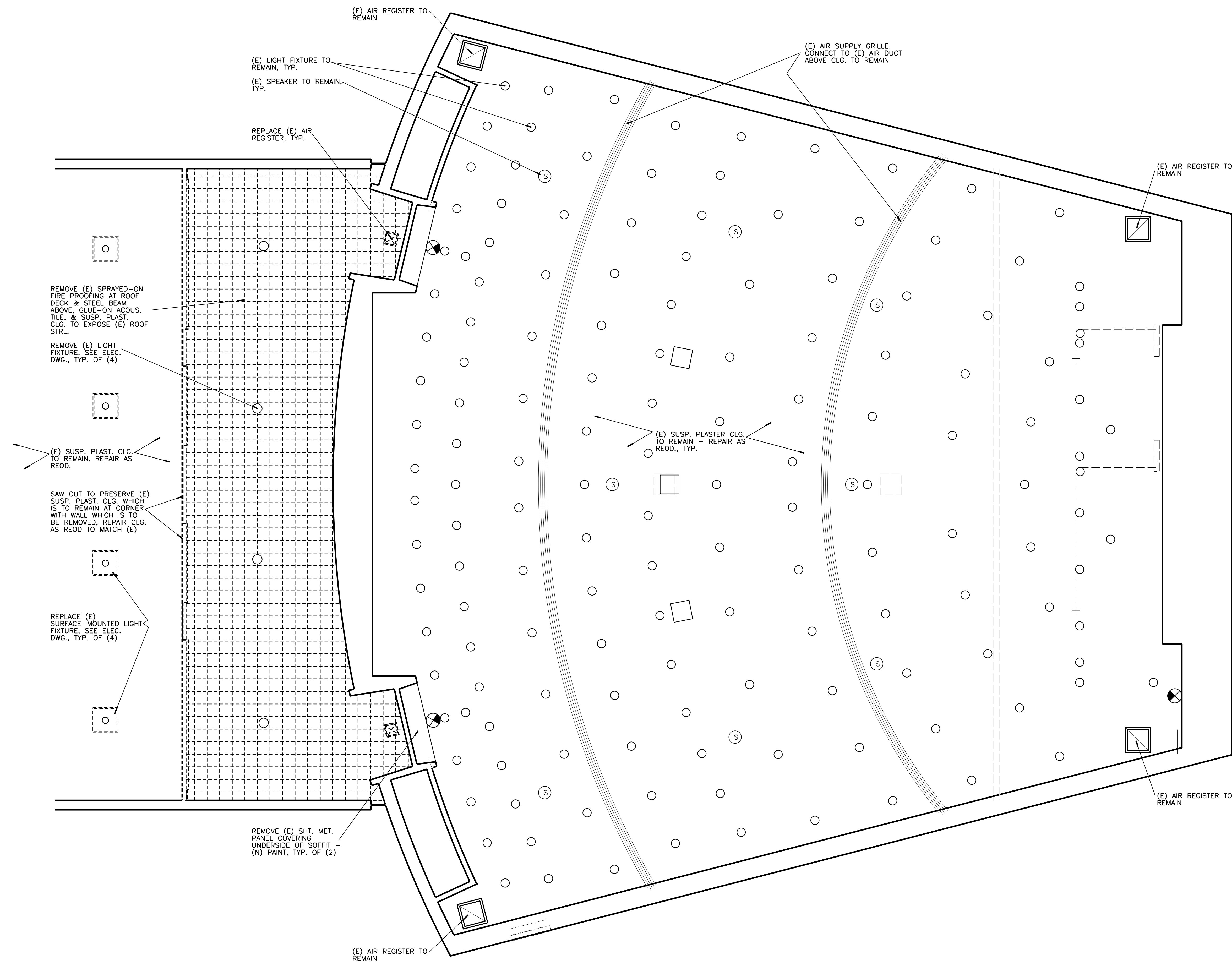
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UCR  
DMFI PROJECTS 2019  
PHYSICS 2000 RENEWAL

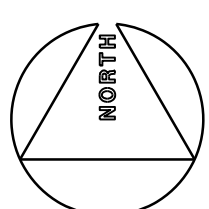
UCR project manager  
SCOTT DONNEL

Scale	AS NOTED	sd approval
Drawn by	J.D.	sd approval
Checked by	S.C.	cd approval
UCR project no.	957443	construction release
050 number		

Drawing Name  
(E) 1st FLR. REF. CLG. PLAN - DEMO  
Sheet No.  
A-005 of



A1 (E) 1st FLOOR REFLECTED CEILING PLAN - DEMOLITION  
1/4" = 1'-0"



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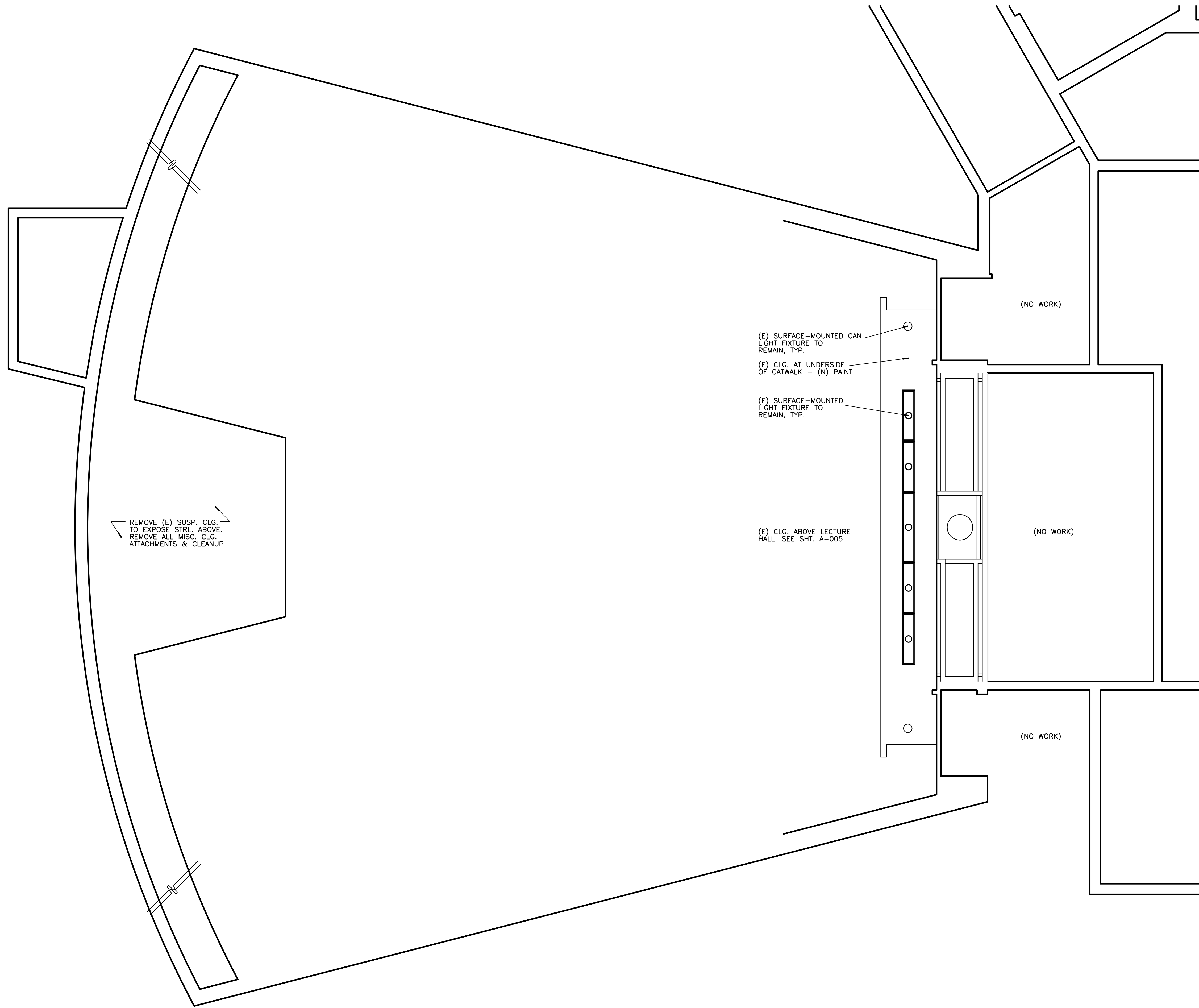
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Architect's Data:



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CONSTRUCTION DOCUMENTS

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07/07/2020

OFFICE OF PLANNING, DESIGN & CONSTRUCTION  
CLERK OF SUPERIOR COURT  
COUNTY OF RIVERSIDE

APPROVED BY: [Signature]  
DATE: 07/07/2020

Consultants Data:

Project Title  
UCR  
DMFI PROJECTS 2019  
PHYSICS 2000 RENEWAL

UCR project manager  
SCOTT DONNEL

Scale	AS NOTED	sd approval
Drawn by	J.D.	sd approval
Checked by	S.C.	cd approval
UCR project no.	957443	05/11/20
also number		construction release

Drawing Name  
(E) BASEMENT REF. CLG. PLAN - DEMO

Sheet No.  
A-006 of

A1 (E) BASEMENT REFLECTED CEILING PLAN - DEMOLITION

1/4" = 1'-0"

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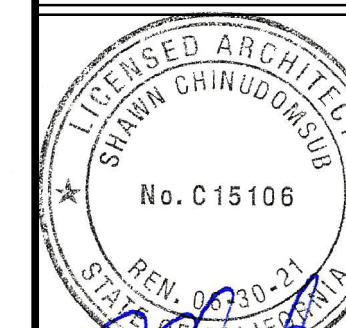
OFFICE OF ARCHITECTS & ENGINEERS

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Architect's Data:



Architect's Stamp: Consultants Stamp:

PROJECT TITLE  
**UCR  
DMFI PROJECTS 2019  
PHYSICS 2000 RENEWAL**  
CONSTRUCTION DOCUMENTS

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REV #	DESCRIPTION	DATE

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Office of Physical Sciences & Construction Services  
Building, Safety and Construction Division  
Quantity: 01/04/2020  
07/07/2020  
APPROVED FOR PERMIT  
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Consultants Data:

Project Title  
**UCR  
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PHYSICS 2000 RENEWAL**

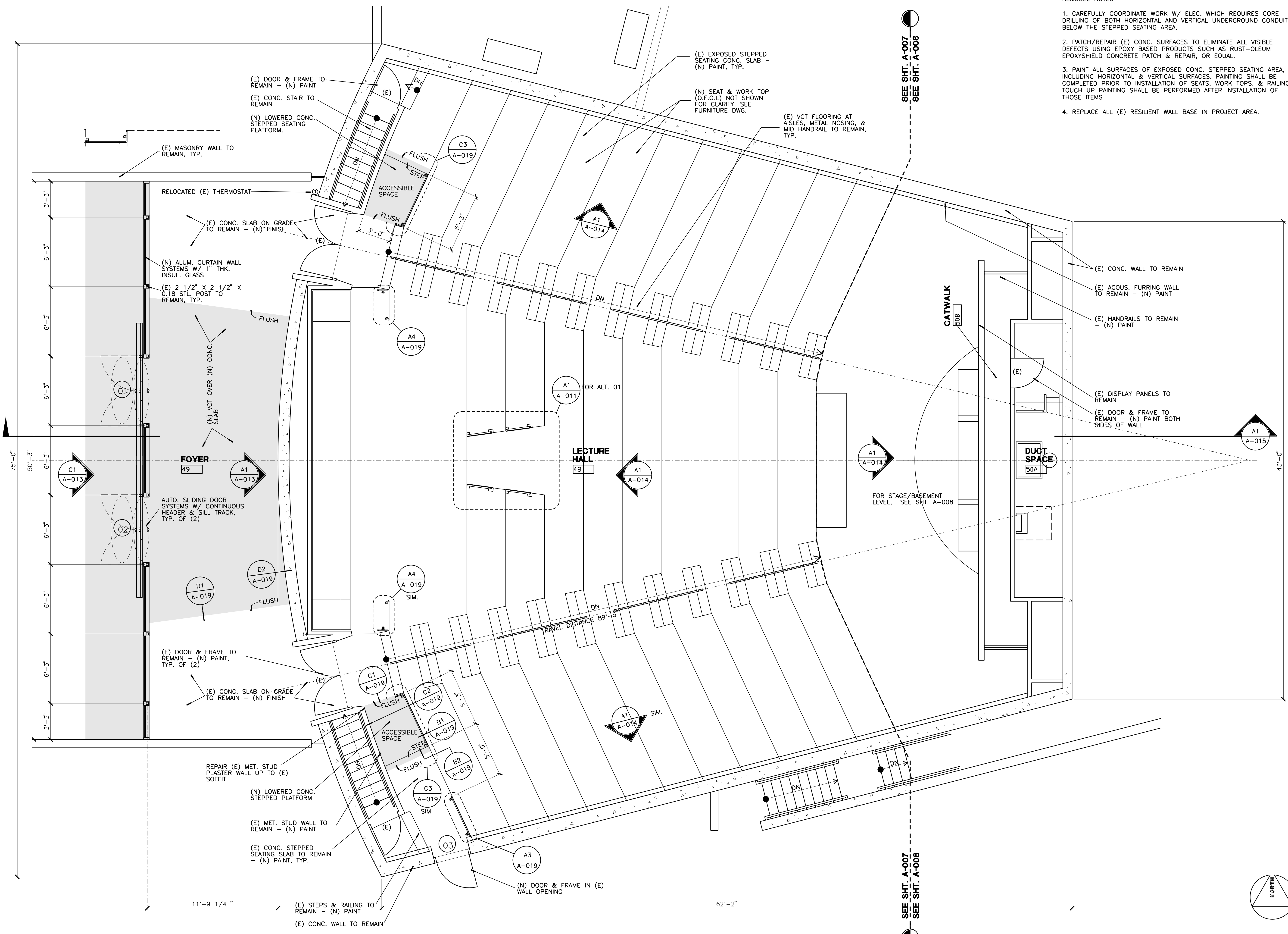
UCR project manager  
**SCOTT DONNEL**

Scale	AS NOTED	sd approval
Drawn by	J.D.	sd approval
Checked by	S.C.	cd approval
UCR project no.	957443	construction release
also number		

Drawing Name  
**(N) 1st FLR. PLAN - REMODEL**  
Sheet No.  
**A-007**  
OF

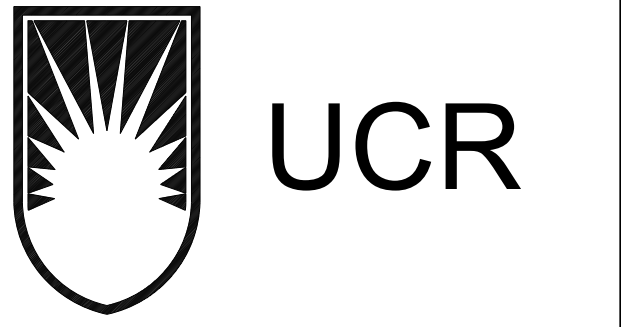
REMODEL NOTES

- CAREFULLY COORDINATE WORK W/ ELEC. WHICH REQUIRES CORE DRILLING OF BOTH HORIZONTAL AND VERTICAL UNDERGROUND CONDUITS BELOW THE STEPPED SEATING AREA.
- PATCH/REPAIR (E) CONC. SURFACES TO ELIMINATE ALL VISIBLE DEFECTS USING EPOXY BASED PRODUCTS SUCH AS RUST-OLEUM EPOXYSHIELD CONCRETE PATCH & REPAIR, OR EQUAL.
- PAINT ALL SURFACES OF EXPOSED CONC. STEPPED SEATING AREA, INCLUDING HORIZONTAL & VERTICAL SURFACES. PAINTING SHALL BE COMPLETED PRIOR TO INSTALLATION OF SEATS, WORK TOPS, & RAILING. TOUCH UP PAINTING SHALL BE PERFORMED AFTER INSTALLATION OF THOSE ITEMS
- REPLACE ALL (E) RESILIENT WALL BASE IN PROJECT AREA.



**A1** (N) 1st FLOOR PLAN - REMODEL  
1/4" = 1'-0"

ALUM. STOREFRONT SYSTEM WITH 1" THK. INSULATING GLASS

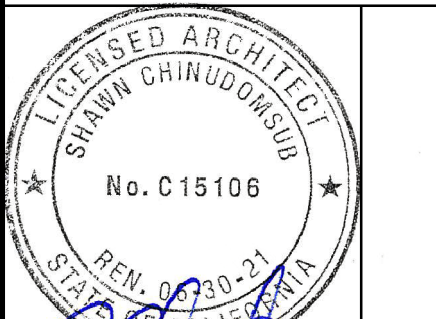


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Architect's Data:



Architect's Stamp: Consultants Stamp:

PROJECT TITLE  
**UCR**  
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**PHYSICS 2000 RENEWAL**  
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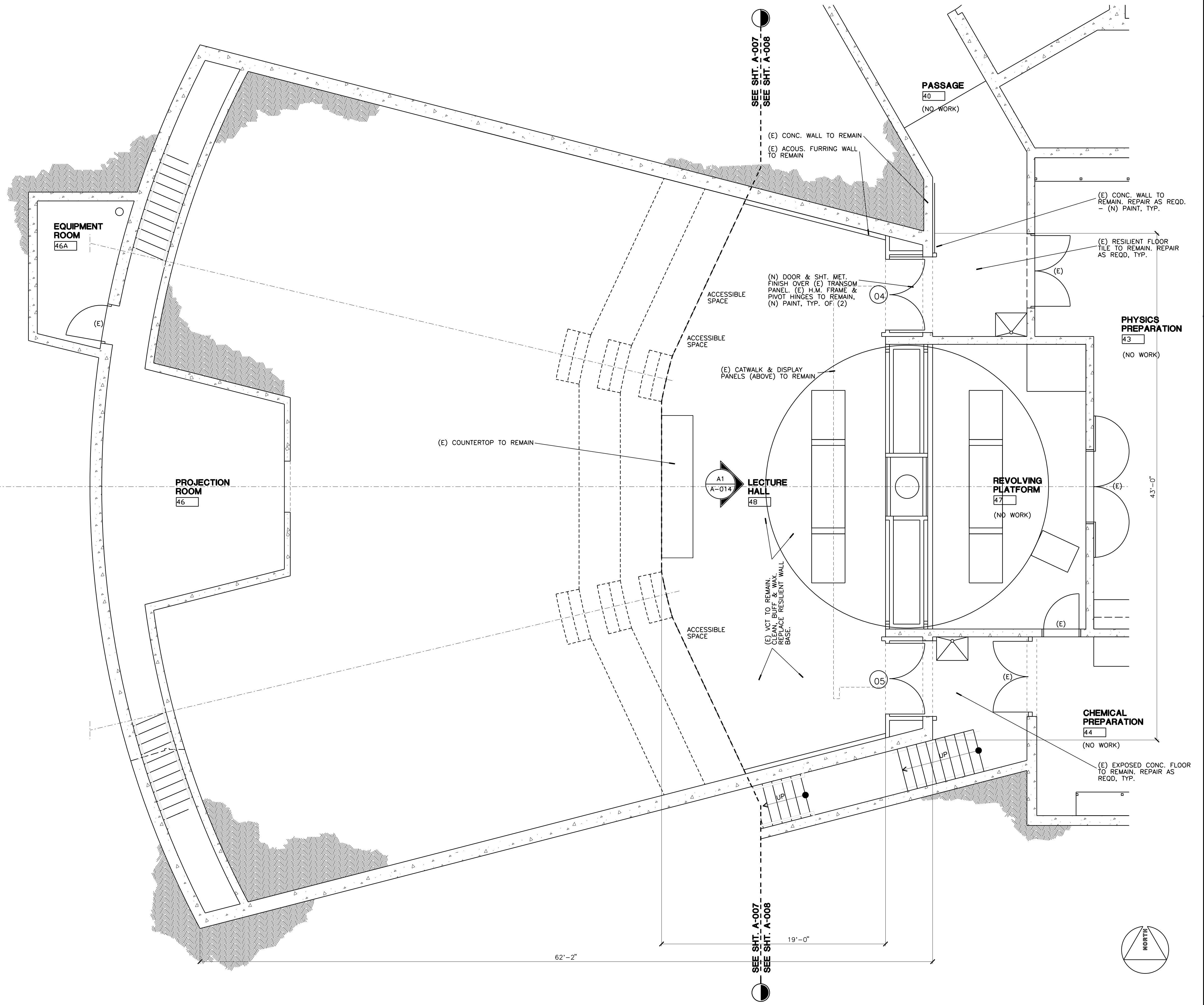
Consultants Data:

Project Title  
**UCR**  
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**PHYSICS 2000 RENEWAL**

UCR project manager  
**SCOTT DONNEL**

Scale	AS NOTED	sd approval
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Checked by	S.C.	cd approval
UCR project no.	957443	construction release
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Drawing Name  
**(N) BASEMENT FLR. A-008**  
**PLAN - REMODELED**  
Sheet No. **A-008**  
of **04**



**A1** (N) BASEMENT FLOOR PLAN - REMODELED

1/4" = 1'-0"



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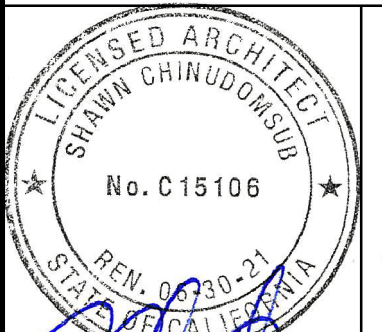
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Architect's Stamp: Consultants Stamp:

PROJECT TITLE  
**UCR**  
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**CONSTRUCTION DOCUMENTS**

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REV #	DESCRIPTION	DATE

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07/07/2020  
Office of Planning, Design & Construction Services  
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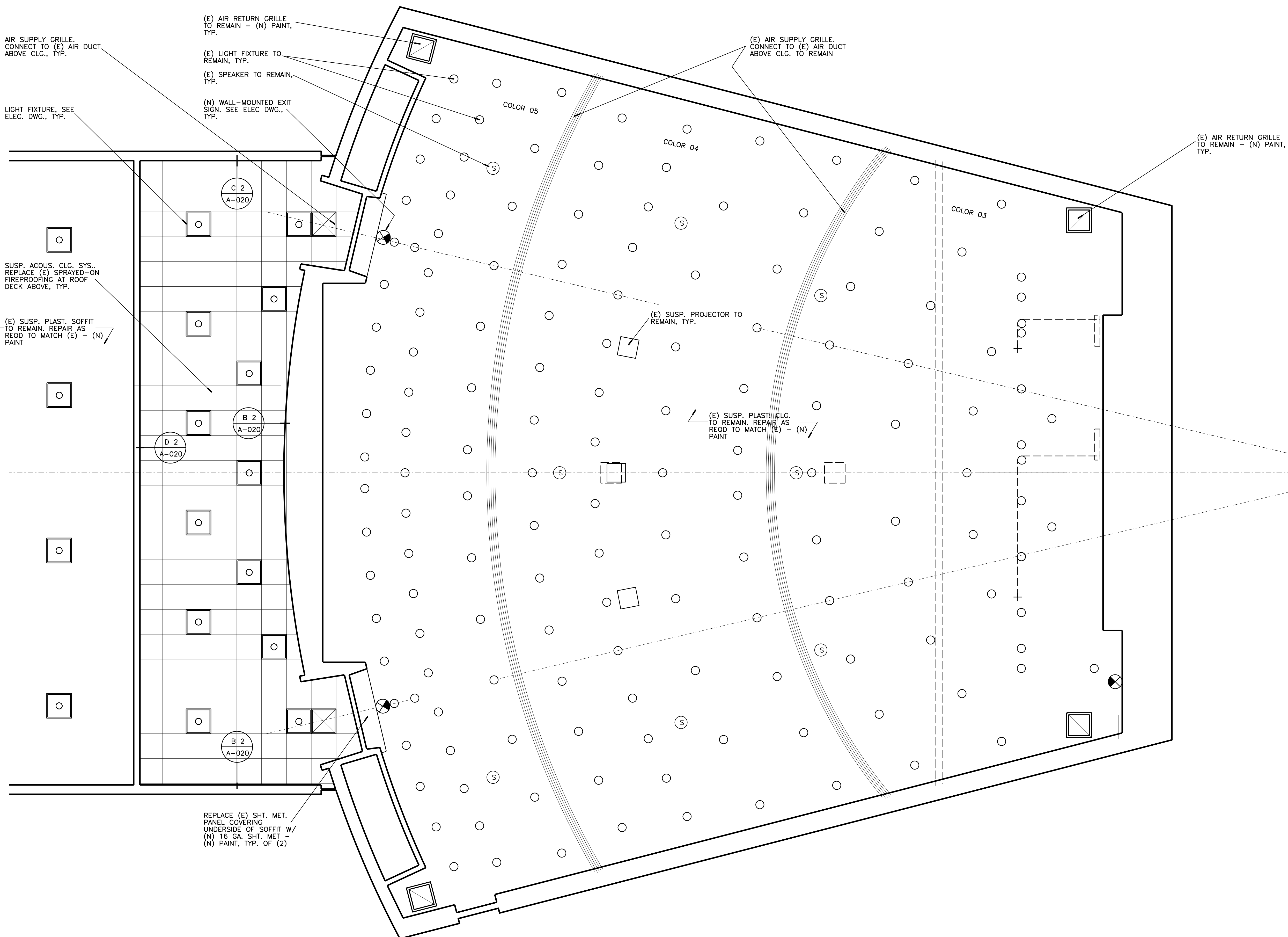
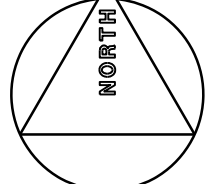
Consultants Data:

Project Title  
**UCR**  
**DMFI PROJECTS 2019**  
**PHYSICS 2000 RENEWAL**

UCR project manager  
**SCOTT DONNEL**

scale	AS NOTED	sd approval
Drawn by	J.D.	dd approval
Checked by	S.C.	cd approval
UCR project no.	957443	05/11/20
aso number		construction release

Drawing Name  
**(N) 1st FLR. REF. CEILING PLAN**  
Sheet No.  
**A-009**  
of



**A1** (N) 1st FLOOR REFLECTED CEILING PLAN  
1/4" = 1'-0"

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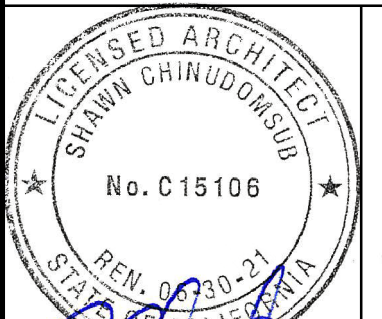
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PROJECT TITLE  
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**CONSTRUCTION DOCUMENTS**

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REV #	DESCRIPTION	DATE

**APPROVED**  
OFFICE OF THE CLERK OF THE SUPERIOR COURT  
COUNTY OF RIVERSIDE, CALIFORNIA  
07/07/2020

OFFICE OF THE CLERK OF THE SUPERIOR COURT  
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Reviewed by: *[Signature]*  
Reviewed by: *[Signature]*

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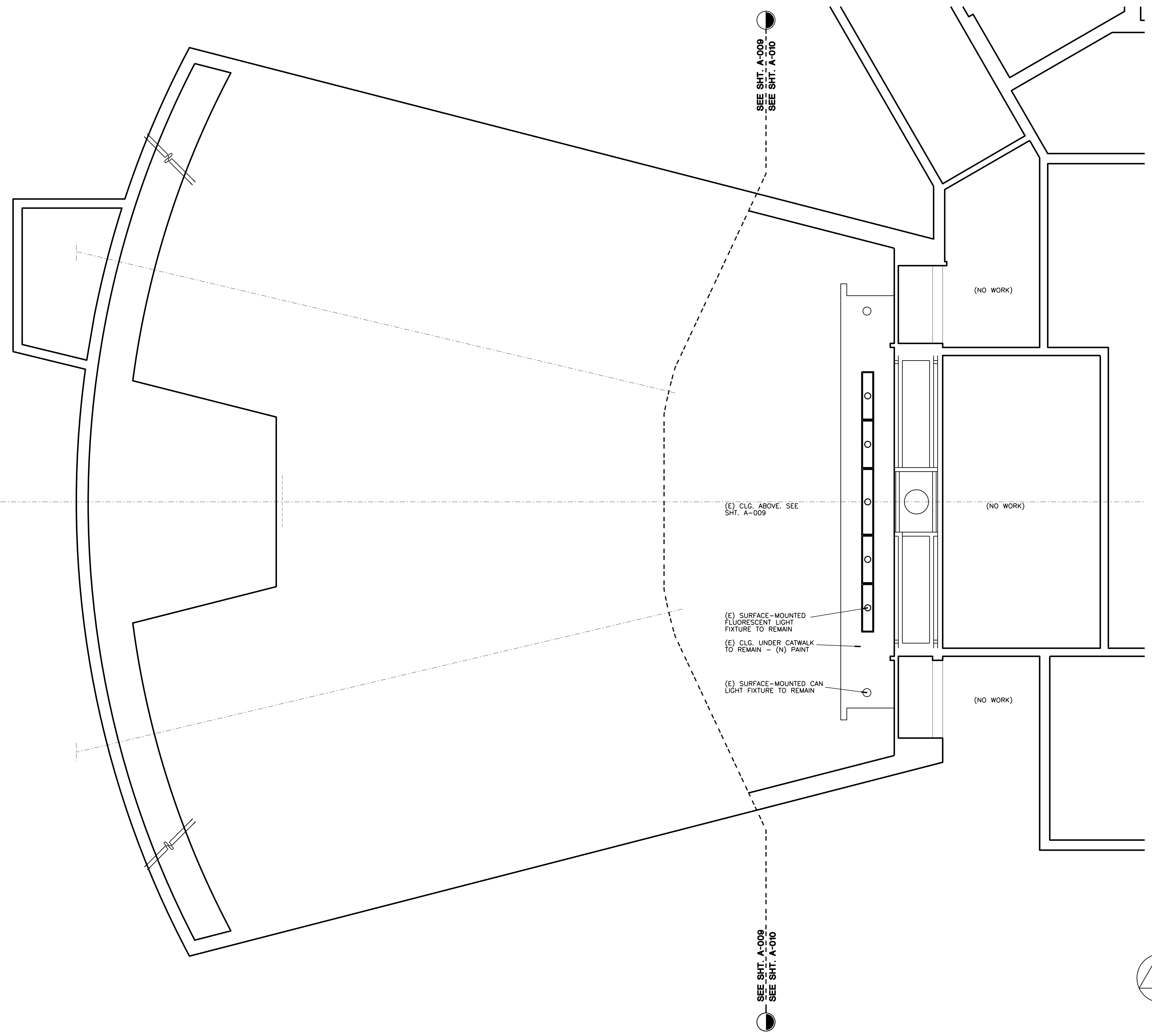
Project Title  
**UCR**  
**DMFI PROJECTS 2019**  
**PHYSICS 2000 RENEWAL**

UCR project manager  
**SCOTT DONNEL**

Scale	AS NOTED	sd approval
Drawn by	J.D.	sd approval
Checked by	S.C.	cd approval
UCR project no.	957443	05/11/20
aso number		construction release

Drawing Name  
**(N) BASEMENT REF. CLG. PLAN**

Sheet No.  
**A-010**  
OF



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**A1** (N) BASEMENT REFLECTED CEILING PLAN  
1/4" = 1'-0"

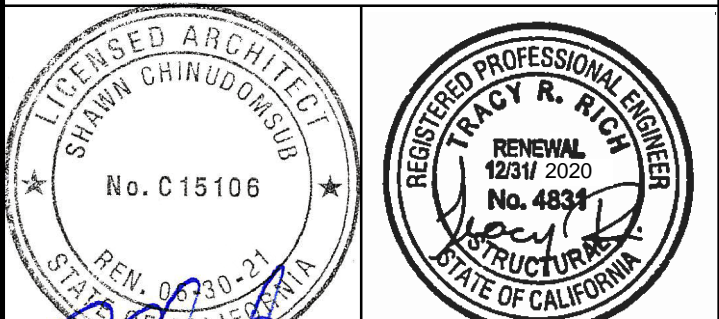


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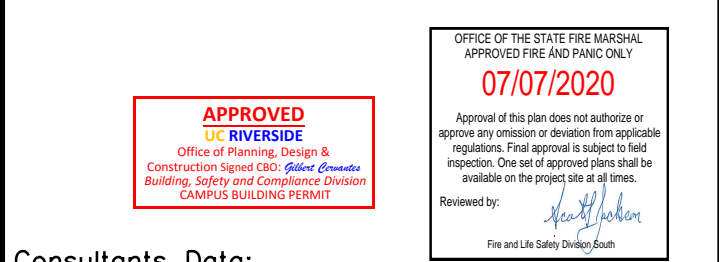


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Consultants Stamp: [Signature]

PROJECT TITLE  
**UCR DMFI PROJECTS 2019 PHYSICS 2000 RENEWAL CONSTRUCTION DOCUMENTS**

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REV #	DESCRIPTION	DATE



Consultants Data:

Project Title  
**UCR DMFI PROJECTS 2019 PHYSICS 2000 RENEWAL**

UCR project manager  
**SCOTT DONNEL**

Scale	AS NOTED	sd approval	
Drawn by	J.D.	sd approval	
Checked by	S.C.	cd approval	05/11/20
UCR project no.	957443	construction release	
iso number			

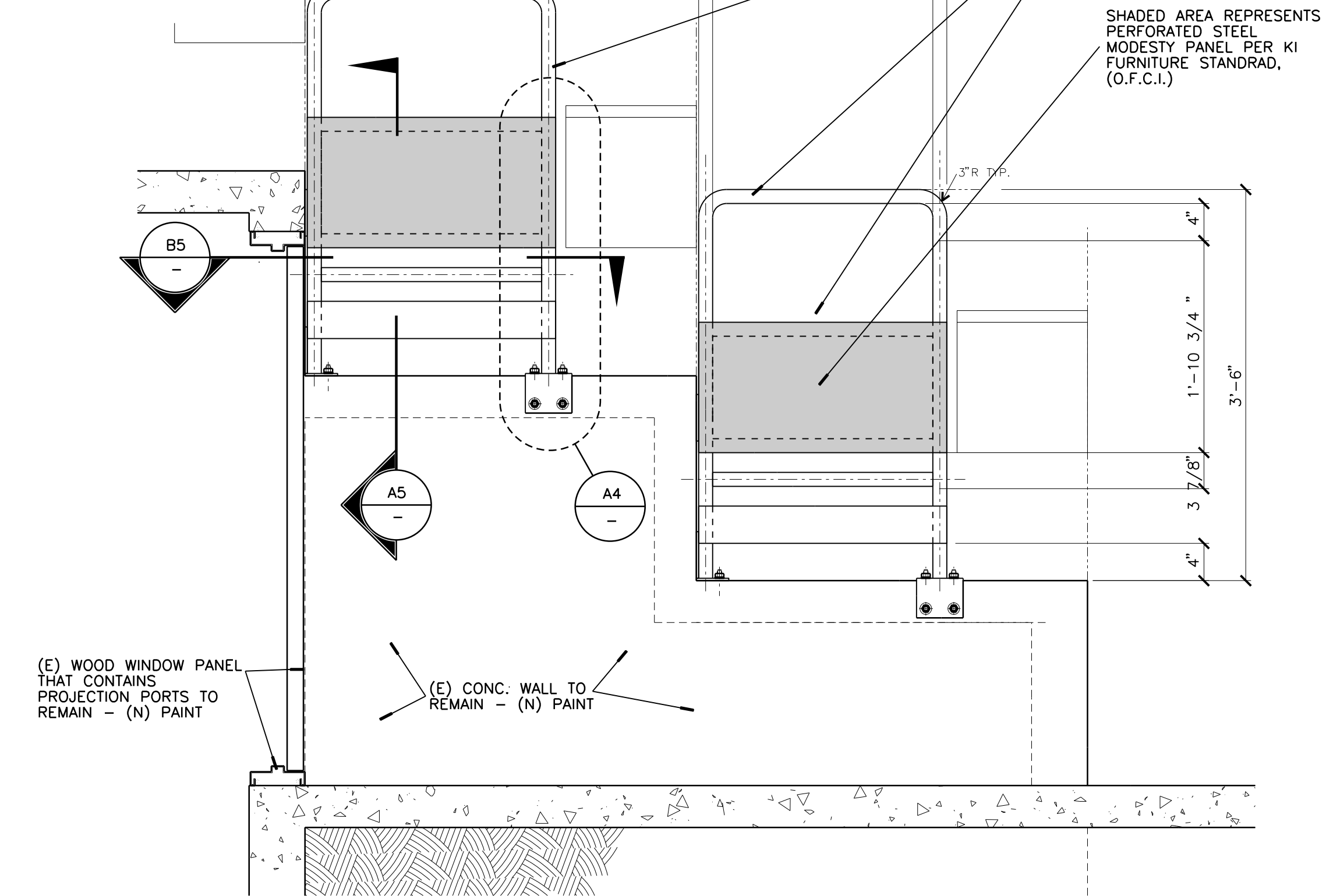
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Sheet No.  
**A-011**

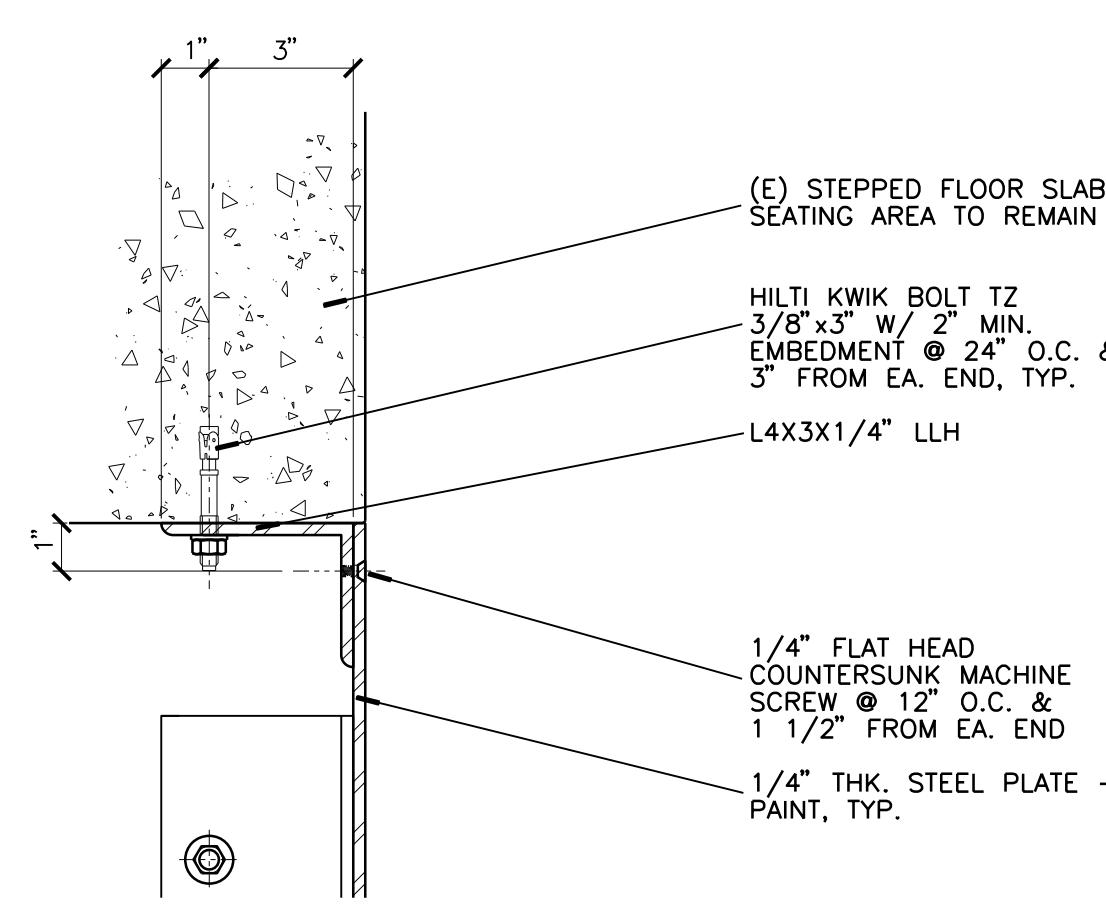
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NOTE:

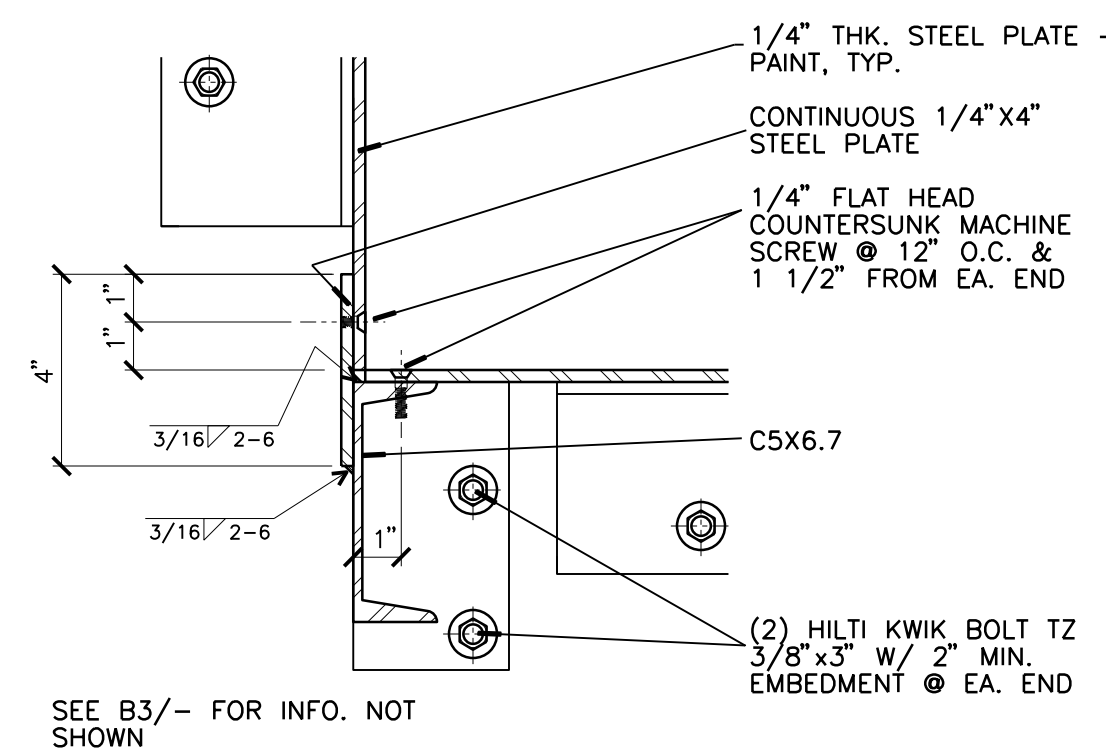
TOTAL OF (4) PERFORATED STEEL MODESTY PANELS (O.F.C.I.). (2) ON THE LEFT SIDE SIMILAR. (2) ON THE RIGHT SIDE MIRRORRED. 3/4" HEM ON PANELS SHALL BE ON FRAME SIDE. ATTACH PANELS TO STEEL TUBE FRAMES W/ TACK WELD @ 4" O.C. REPAIR FINISH & PAINT AS REQD.



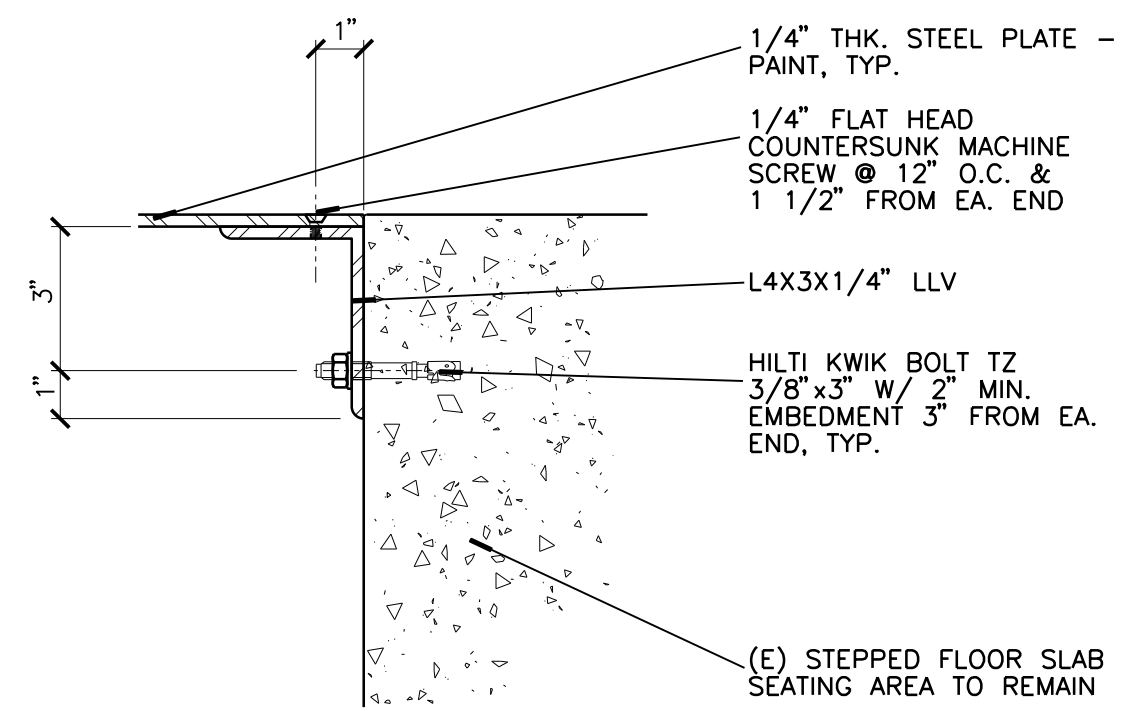
**C4 GUARDS AT (E) SPACE IN FRONT OF PROJECTION ROOM**  
1" = 1'-0" VERTICAL SECTION VIEW - NORTH/SOUTH ELEVATION SIMILAR



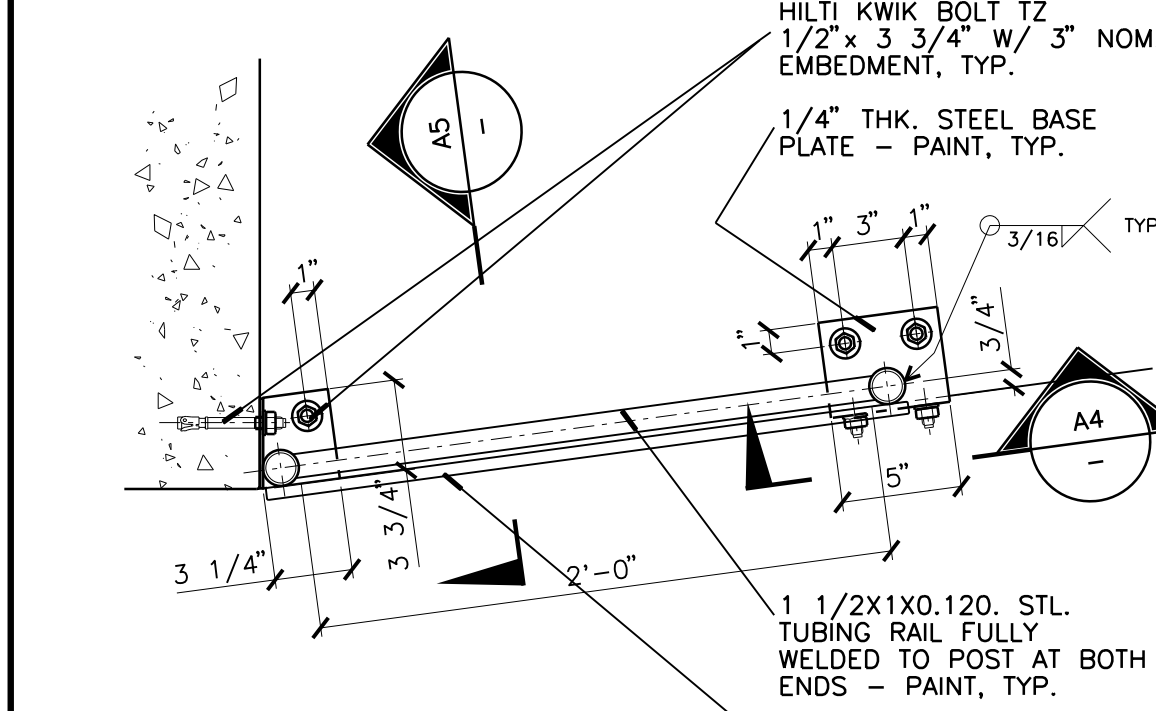
**D3 STEEL STEPPED FLOOR**  
3" = 1'-0" ALTERNATE 01



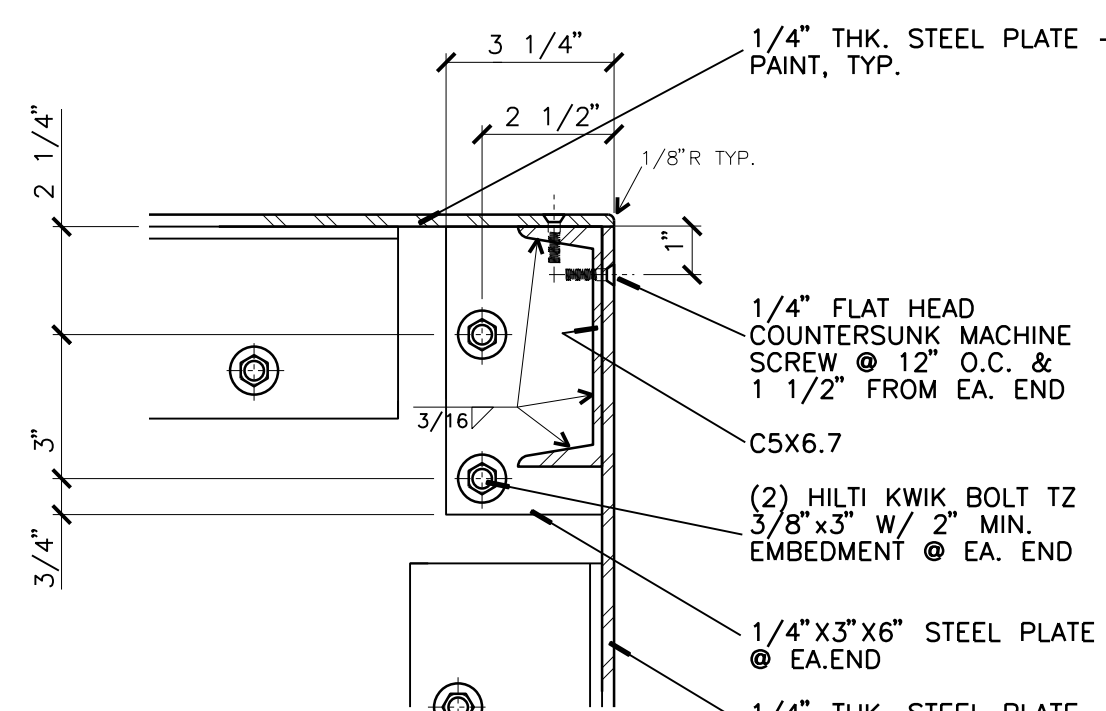
**C3 STEEL STEPPED FLOOR**  
3" = 1'-0" ALTERNATE 01



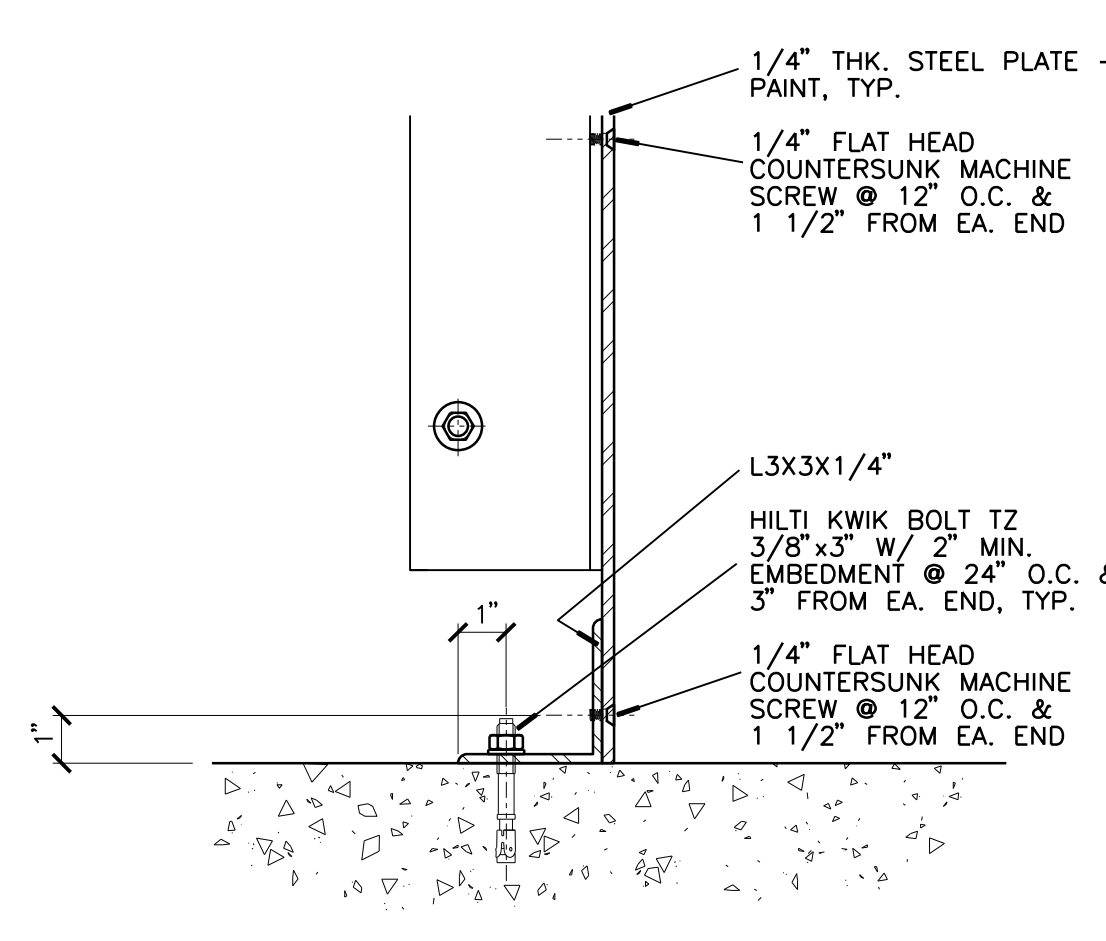
**B4 STEEL STEPPED FLOOR**  
3" = 1'-0" ALTERNATE 01



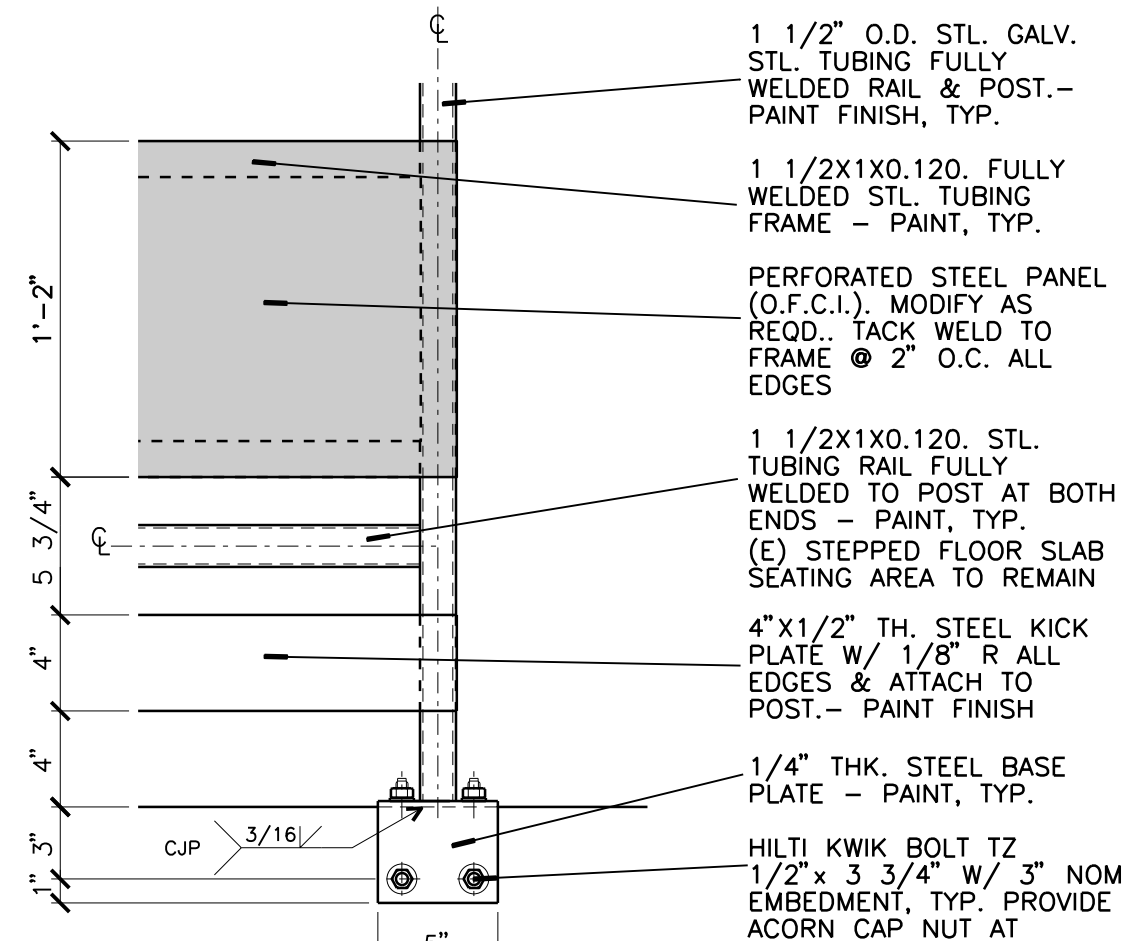
**B5 GUARDS MOUNTING PLATE**  
1 1/2" = 1'-0" VERTICAL SECTION VIEW



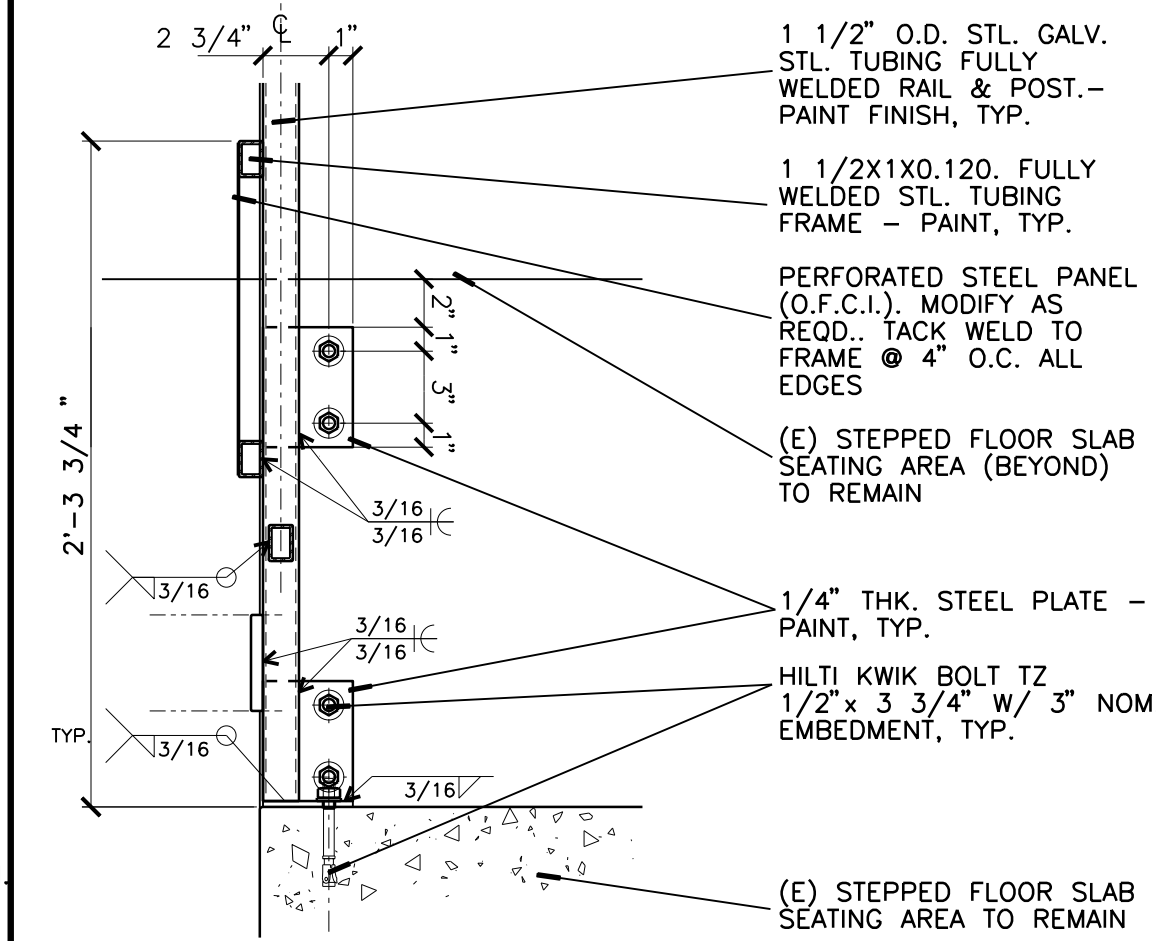
**B3 STEEL STEPPED FLOOR**  
3" = 1'-0" ALTERNATE 01



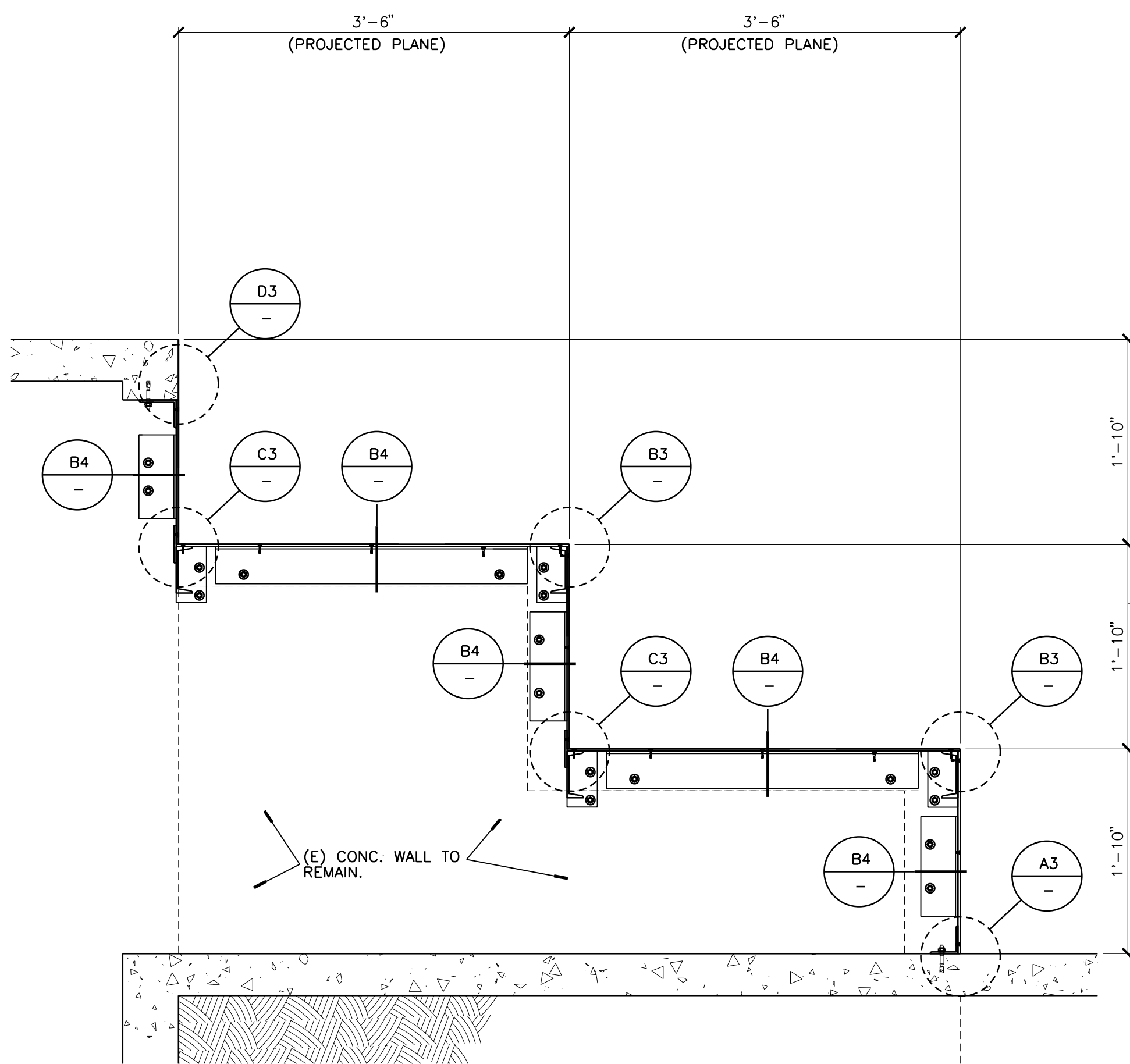
**A3 STEEL STEPPED FLOOR**  
3" = 1'-0" ALTERNATE 01



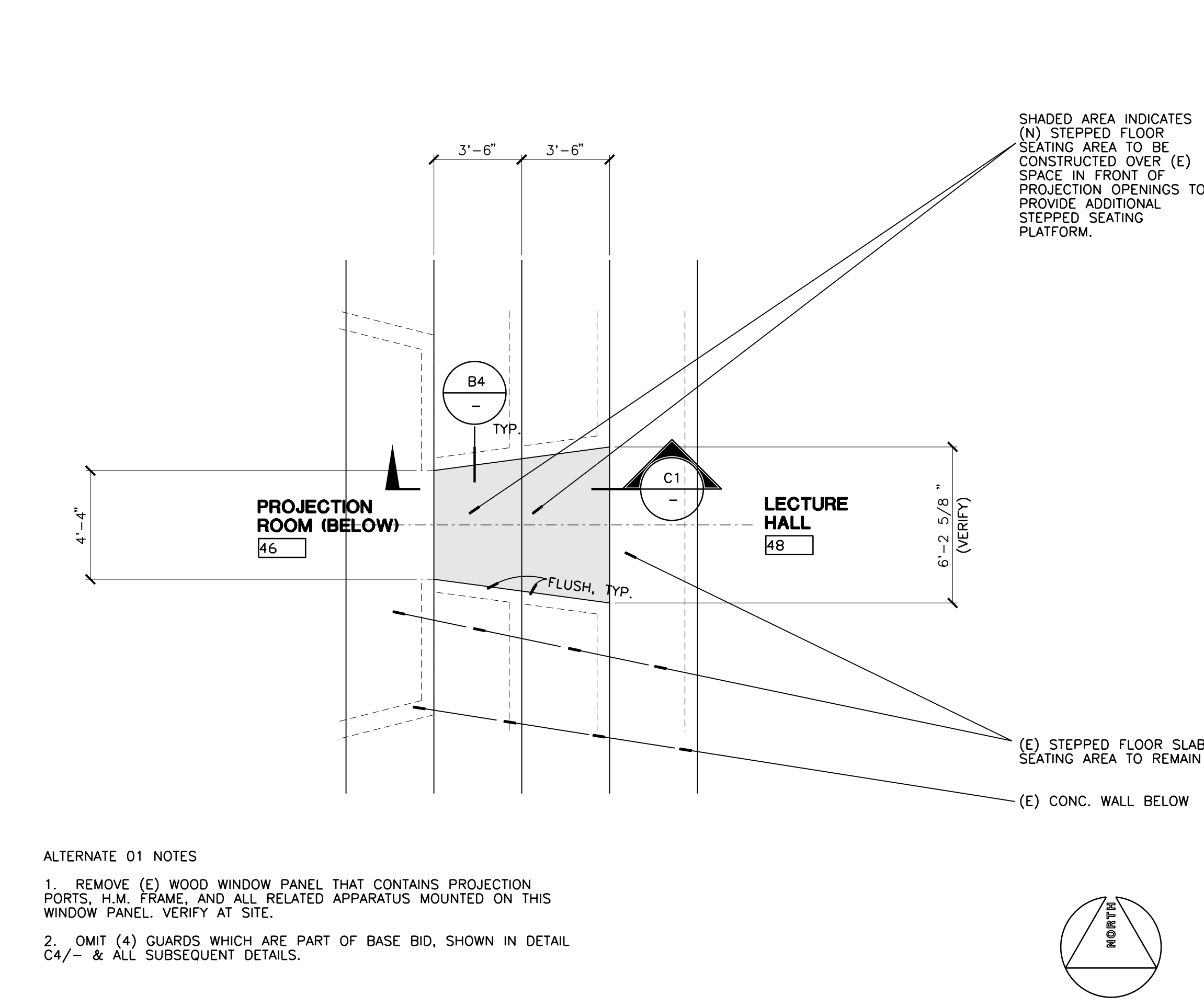
**A4 GUARDS MOUNTING PLATE**  
1 1/2" = 1'-0" HORIZONTAL SECTION VIEW



**A5 GUARDS MOUNTING PLATE**  
1 1/2" = 1'-0" HORIZONTAL SECTION VIEW

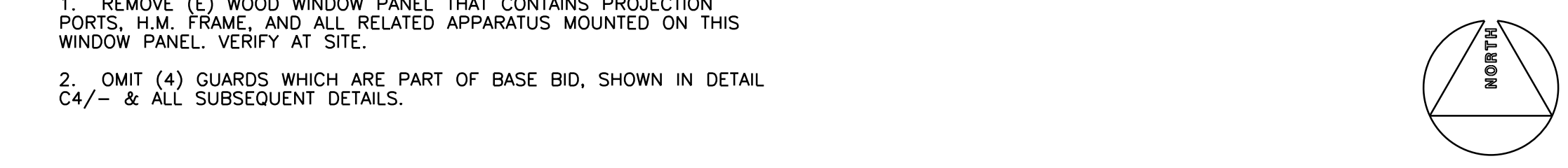


**C1 ADDITIONAL STEPPED SEATING FLO**  
1" = 1'-0" ALTERNATE 01 - VERTICAL SECTION VIEW - NORTH/SOUTH SIMILAR



**A1 PARTIAL 1ST FLOOR PLAN - ADDITIONAL STEPPED SEATING FLOOR**  
1/4" = 1'-0" ALTERNATE 01

ALTERNATE 01 NOTES  
1. REMOVE (E) WOOD WINDOW PANEL THAT CONTAINS PROJECTION PORTS, H.M. FRAME, AND ALL RELATED APPARATUS MOUNTED ON THIS WINDOW PANEL. VERIFY AT SITE.  
2. OMIT (4) GUARDS WHICH ARE PART OF BASE BID, SHOWN IN DETAIL C4/- & ALL SUBSEQUENT DETAILS.



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UNIVERSITY OF CALIFORNIA RIVERSIDE

OFFICE OF ARCHITECTS & ENGINEERS

1223 UNIVERSITY AVENUE, SUITE 240 RIVERSIDE, CA. 92507

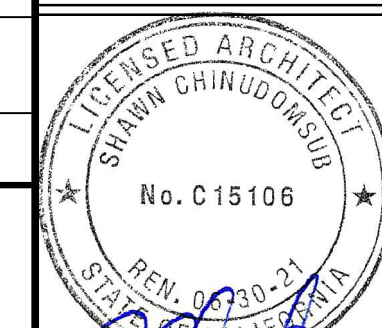
TEL:(951) 827-4706 FAX:(951) 827-2402



Institutional Designs & Architectural Services 3903 10th Street, Riverside, CA 92501-3521

Tel: (951) 342-3135 Fax: (951) 342-3137

Architect's Data:



Architect's Stamp: Consultants Stamp:

PROJECT TITLE UCR DMFI PROJECTS 2019 PHYSICS 2000 RENEWAL CONSTRUCTION DOCUMENTS

Table with 3 columns: REV #, DESCRIPTION, DATE. Under the heading REVISIONS.

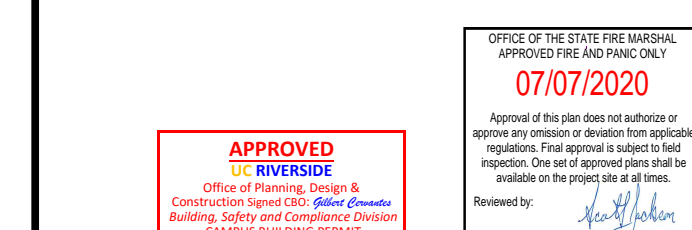
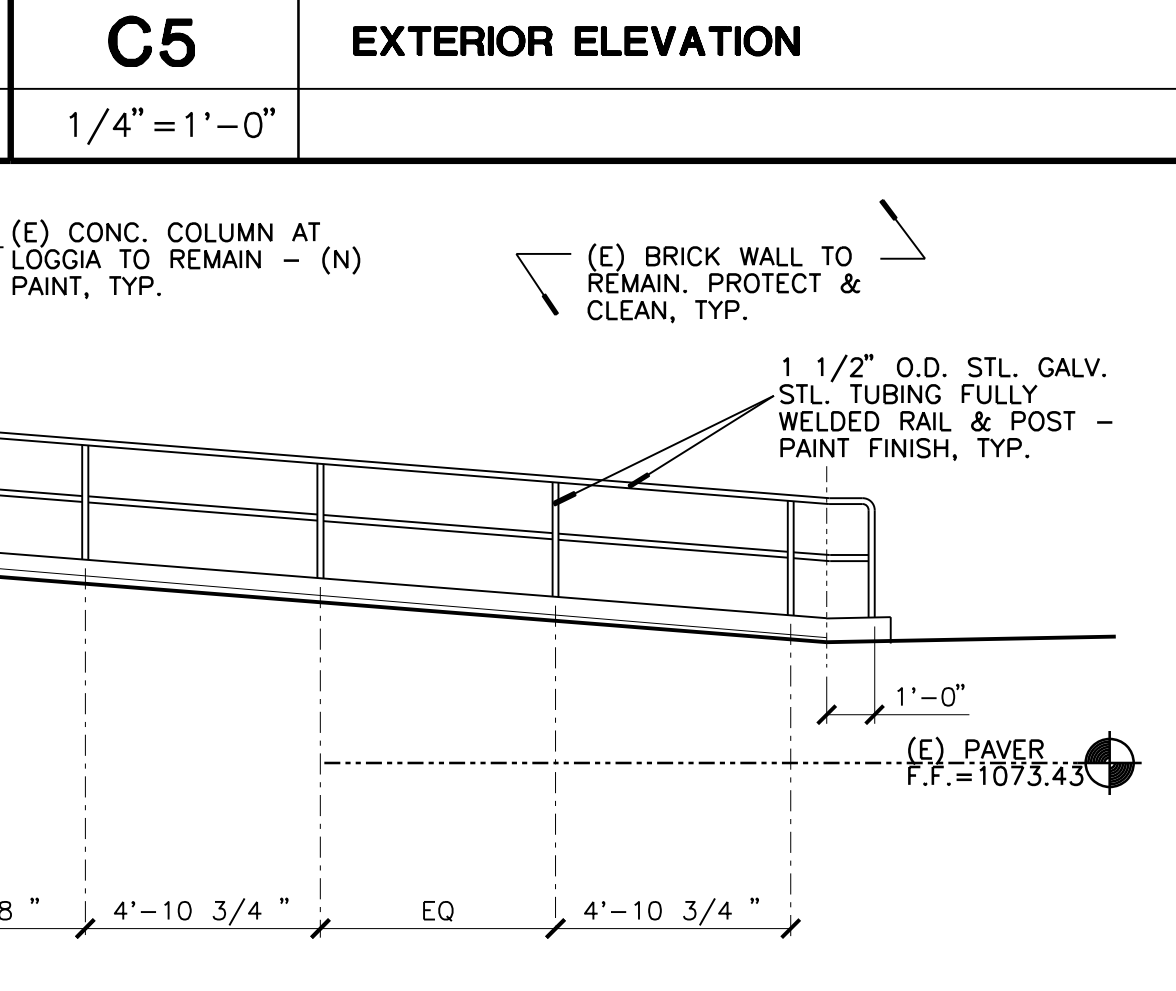
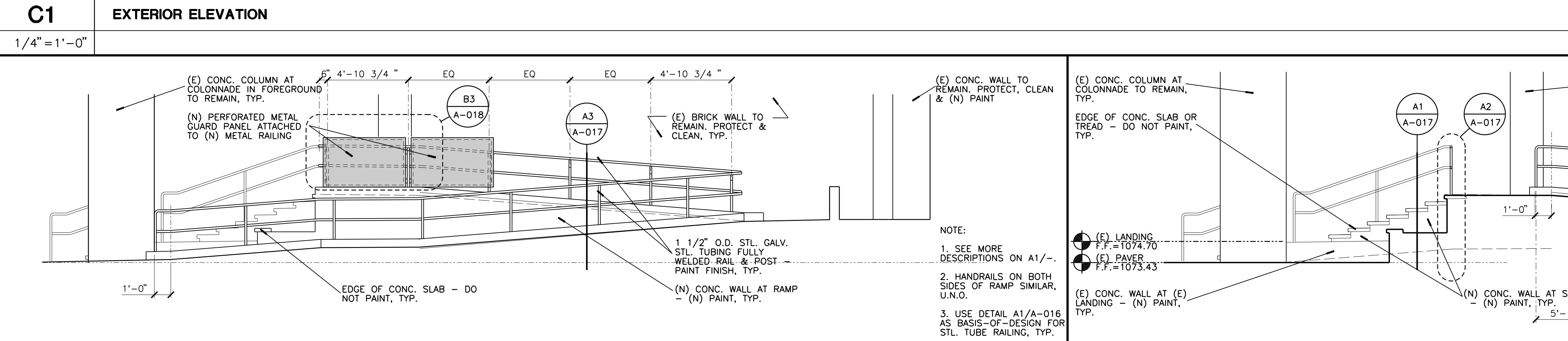
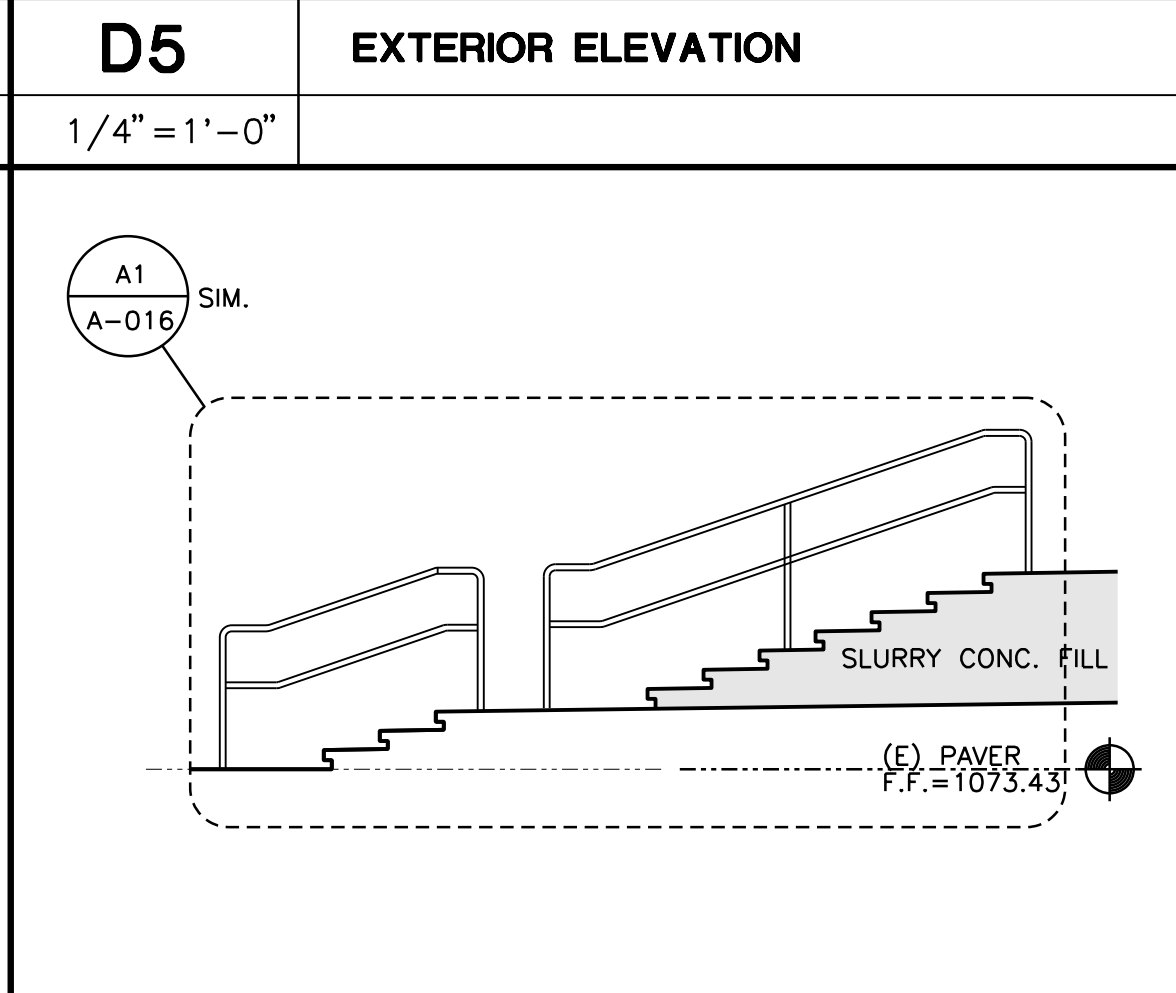
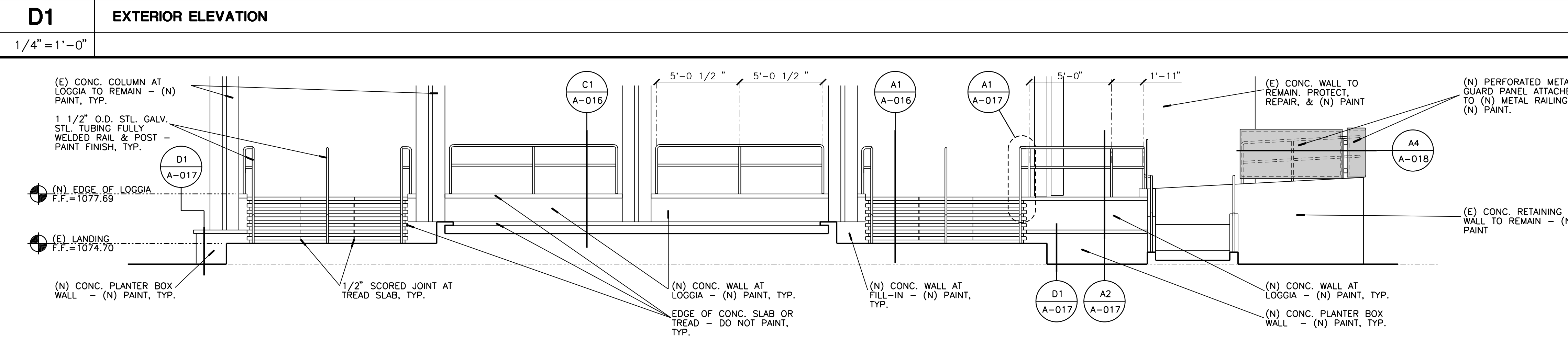
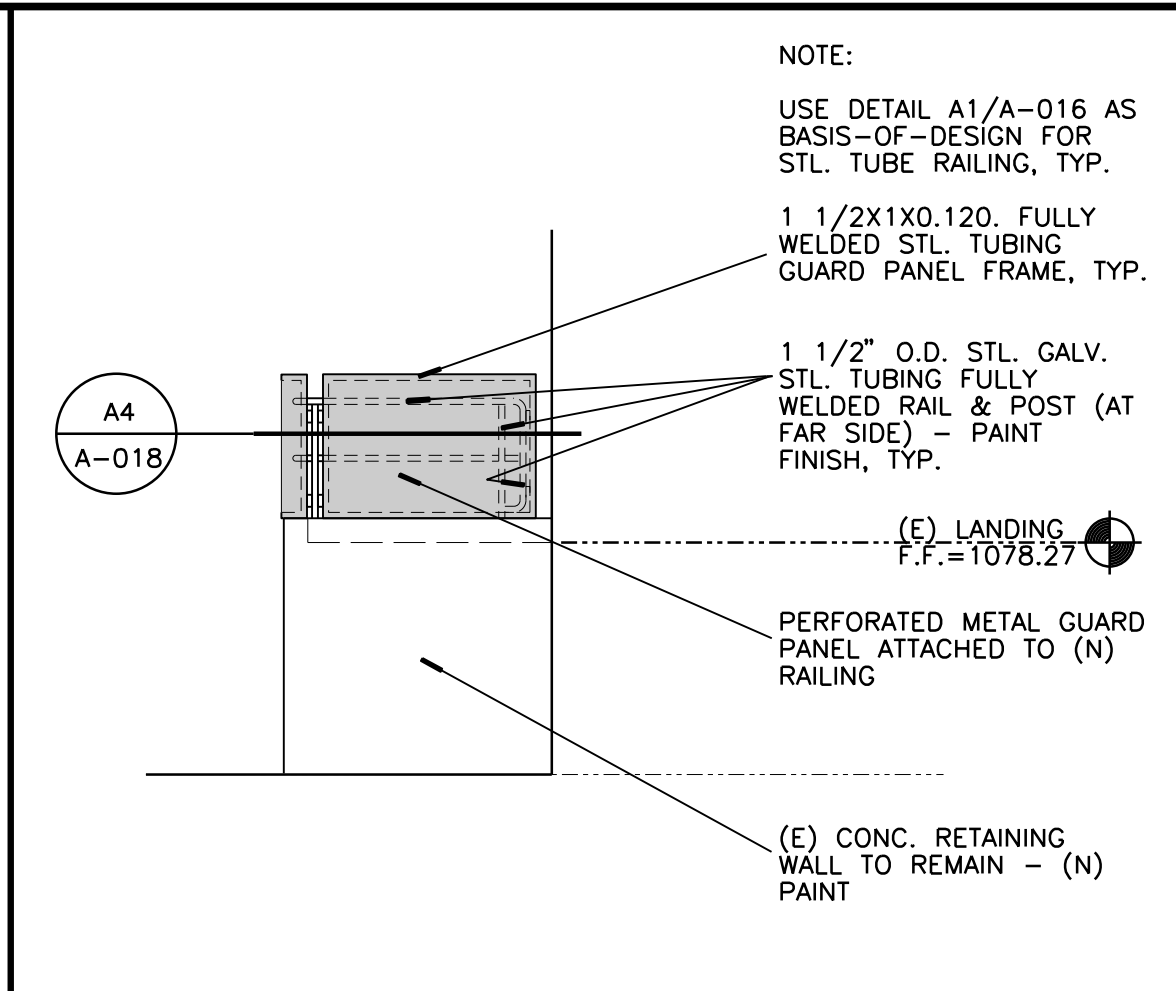
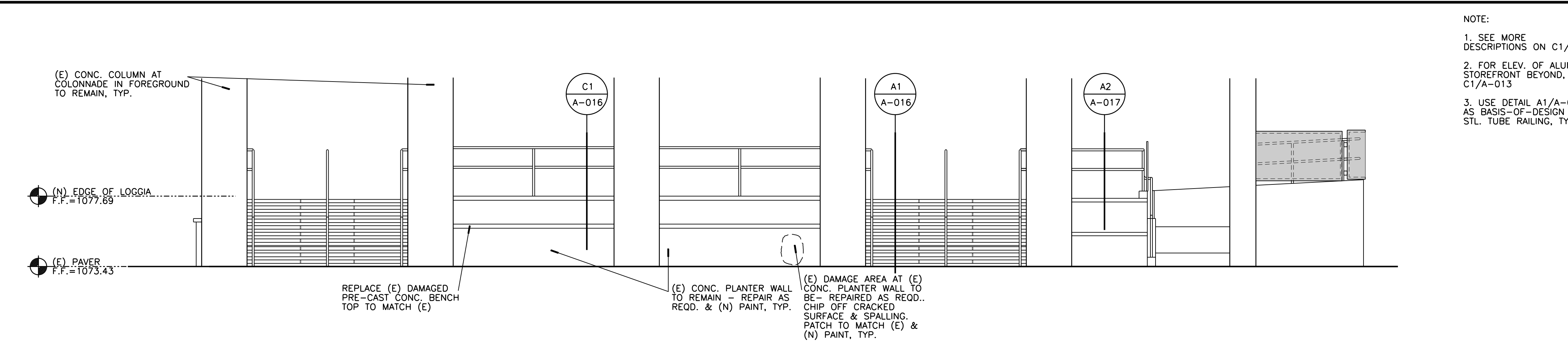


Table with 2 columns: Field Name, Value. Includes Project Title, UCR, DMFI PROJECTS 2019, PHYSICS 2000 RENEWAL, and SCOTT DONNEL.

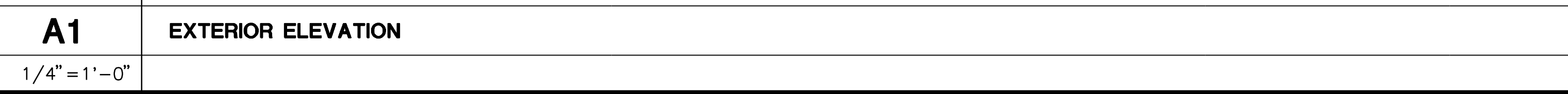
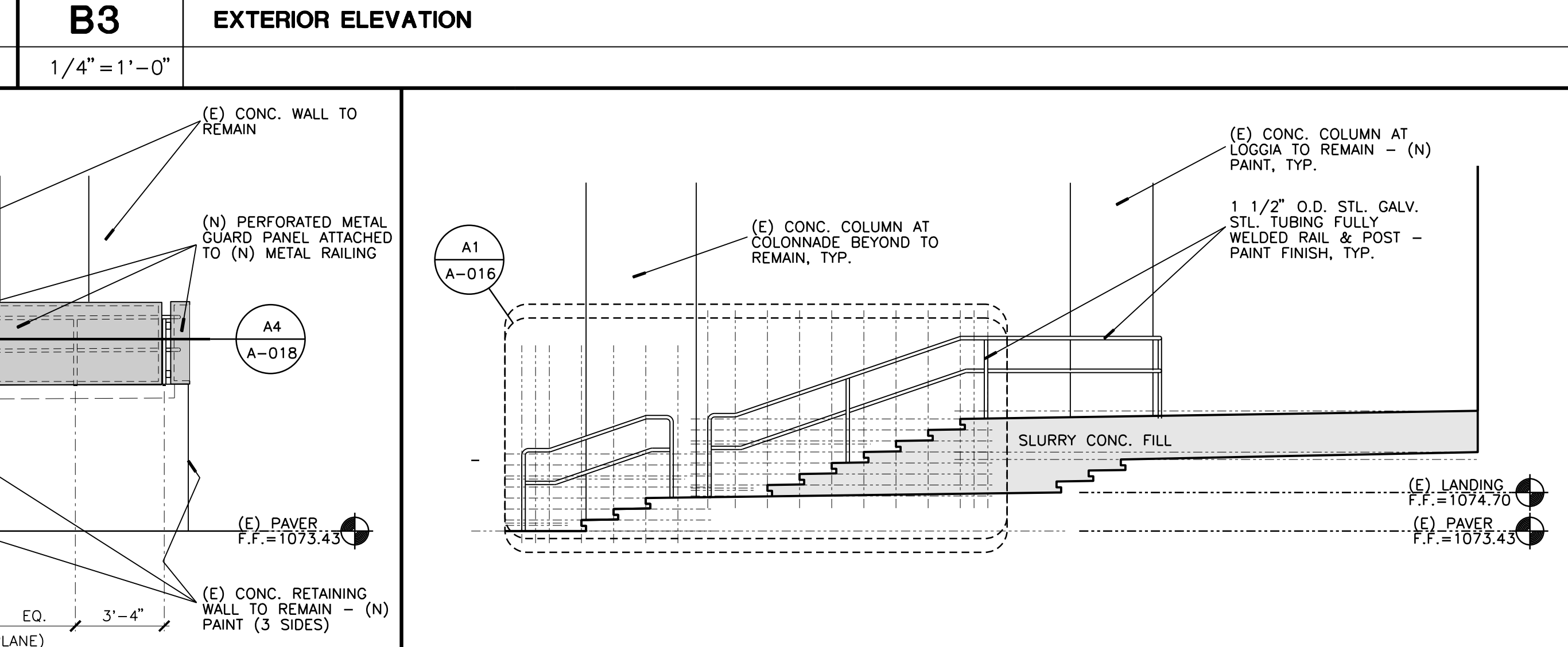
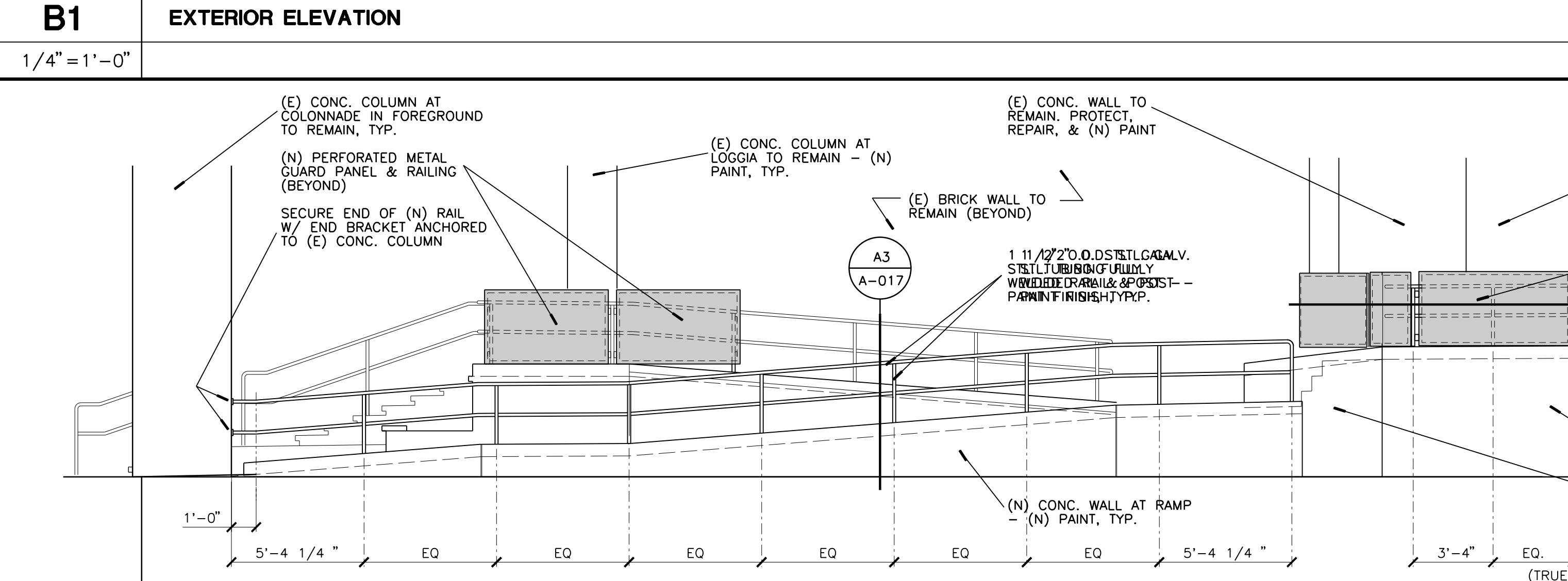
Table with 2 columns: Drawing Name, Sheet No. Value: EXTERIOR ELEVATION A-012 OF

NOTE: 1. SEE MORE DESCRIPTIONS ON C1/-. 2. FOR ELEV. OF ALUM. STOREFRONT BEYOND, SEE C1/A-013 3. USE DETAIL A1/A-016 AS BASIS-OF-DESIGN FOR STL. TUBE RAILING, TYP.

NOTE: USE DETAIL A1/A-016 AS BASIS-OF-DESIGN FOR STL. TUBE RAILING, TYP. 1 1/2"x10"x120" FULLY WELDED STL. TUBING GUARD PANEL FRAME, TYP. 1 1/2" O.D. STL. GALV. STL. TUBING FULLY WELDED RAIL & POST (AT FAR SIDE) - PAINT FINISH, TYP. (E) LANDING F.F.=1078.27 PERFORATED METAL GUARD PANEL ATTACHED TO (N) RAILING (E) CONC. RETAINING WALL TO REMAIN - (N) PAINT



NOTE: 1. SEE MORE DESCRIPTIONS ON A1/-. 2. HANDRAILS ON BOTH SIDES OF RAMP SIMILAR, U.N.O. 3. USE DETAIL A1/A-016 AS BASIS-OF-DESIGN FOR STL. TUBE RAILING, TYP.



Vertical text on the left edge of the drawing area.

Vertical text on the right edge of the drawing area.



UNIVERSITY OF CALIFORNIA RIVERSIDE

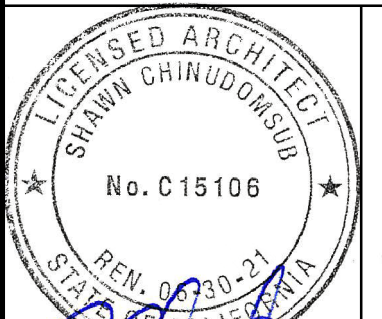
OFFICE OF ARCHITECTS & ENGINEERS

1223 UNIVERSITY AVENUE, SUITE 240  
RIVERSIDE, CA. 92507  
TEL: (951) 827-4706 FAX: (951) 827-2402

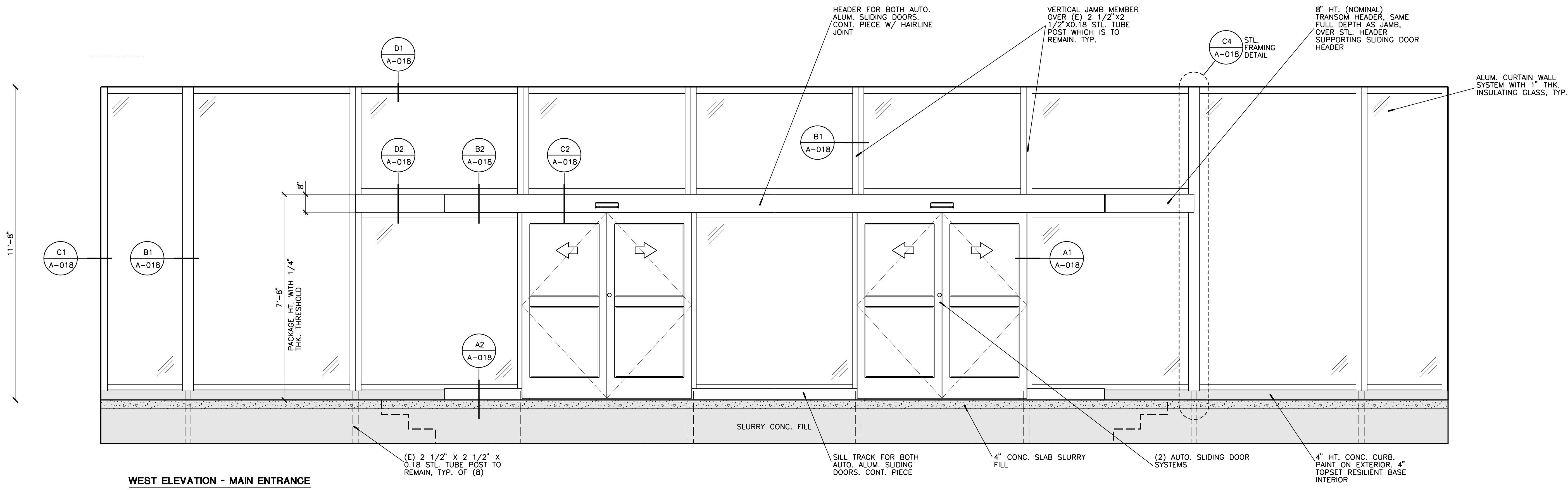


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Tel: (951) 342-3135 Fax: (951) 342-3137

Architect's Data:

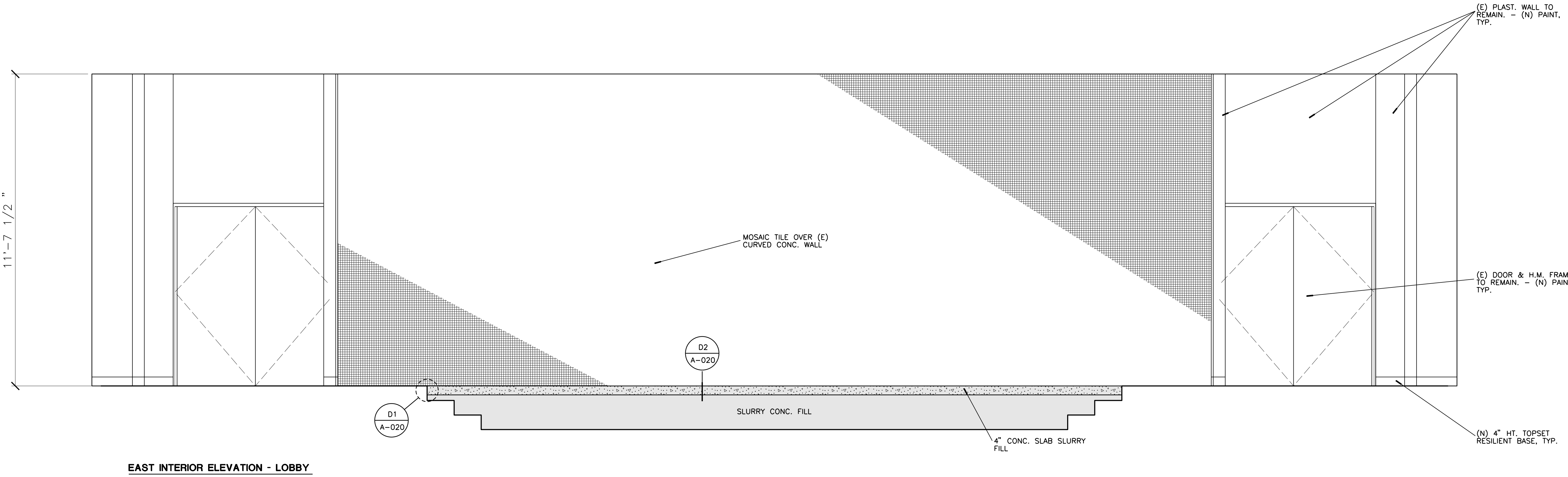


Architect's Stamp: Consultants Stamp:



**C1** EXTERIOR ELEVATION - FRONT ENTRANCE

1/2" = 1'-0"



**A1** INTERIOR ELEVATION - FOYER

1/2" = 1'-0"

PROJECT TITLE  
**UCR**  
**DMFI PROJECTS 2019**  
**PHYSICS 2000 RENEWAL**  
**CONSTRUCTION DOCUMENTS**

REVISIONS

REV #	DESCRIPTION	DATE

APPROVED

07/07/2020

OFFICE OF THE STATE ENGINEER, APPROVED FOR PERMITS ONLY

Approval of this plan does not authorize or represent approval or disapproval from the State Engineer. The use of approval plans shall be limited to the project and all other uses.

Reviewed by: *[Signature]*

Consultants Data:

Project Title  
**UCR**  
**DMFI PROJECTS 2019**  
**PHYSICS 2000 RENEWAL**

UCR project manager  
**SCOTT DONNEL**

Scale	AS NOTED	sd approval
Drawn by	J.D.	sd approval
Checked by	S.C.	cd approval
UCR project no.	957443	construction release
05/11/20		

Drawing Name	EXT. & INT. ELEVATION	Sheet No.	A-013
			OF

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319230.dwg



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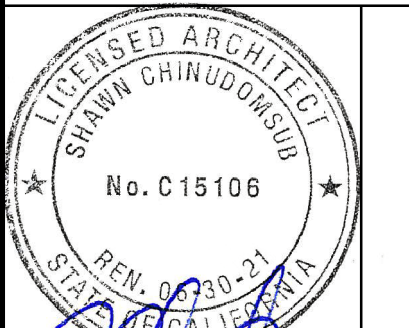
OFFICE OF ARCHITECTS & ENGINEERS

1223 UNIVERSITY AVENUE, SUITE 240 RIVERSIDE, CA 92507 TEL:(951) 827-4706 FAX:(951) 827-2402



Institutional Designs & Architectural Services 3903 10th Street, Riverside, CA 92501-3521 Tel: (951) 342-3135 Fax: (951) 342-3137

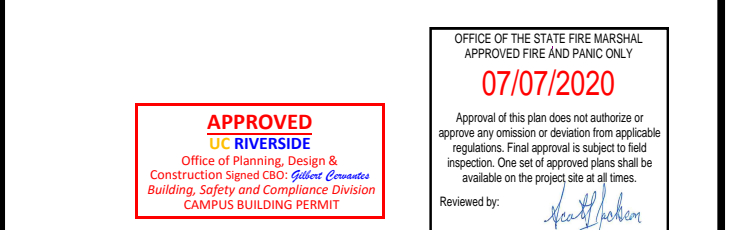
Architect's Data:



Architect's Stamp: Consultants Stamp:

PROJECT TITLE UCR DMFI PROJECTS 2019 PHYSICS 2000 RENEWAL CONSTRUCTION DOCUMENTS

Table with 3 columns: REV #, DESCRIPTION, DATE. Contains revision entries.



Consultants Data:

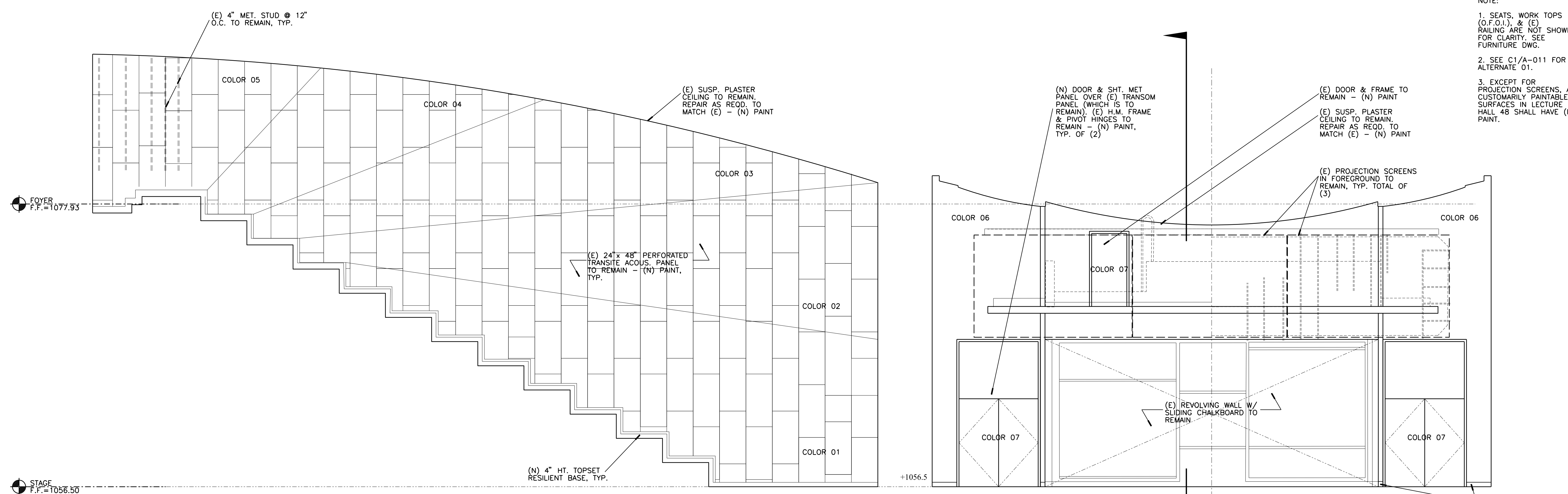
Project Title UCR DMFI PROJECTS 2019 PHYSICS 2000 RENEWAL

UCR project manager SCOTT DONNEL

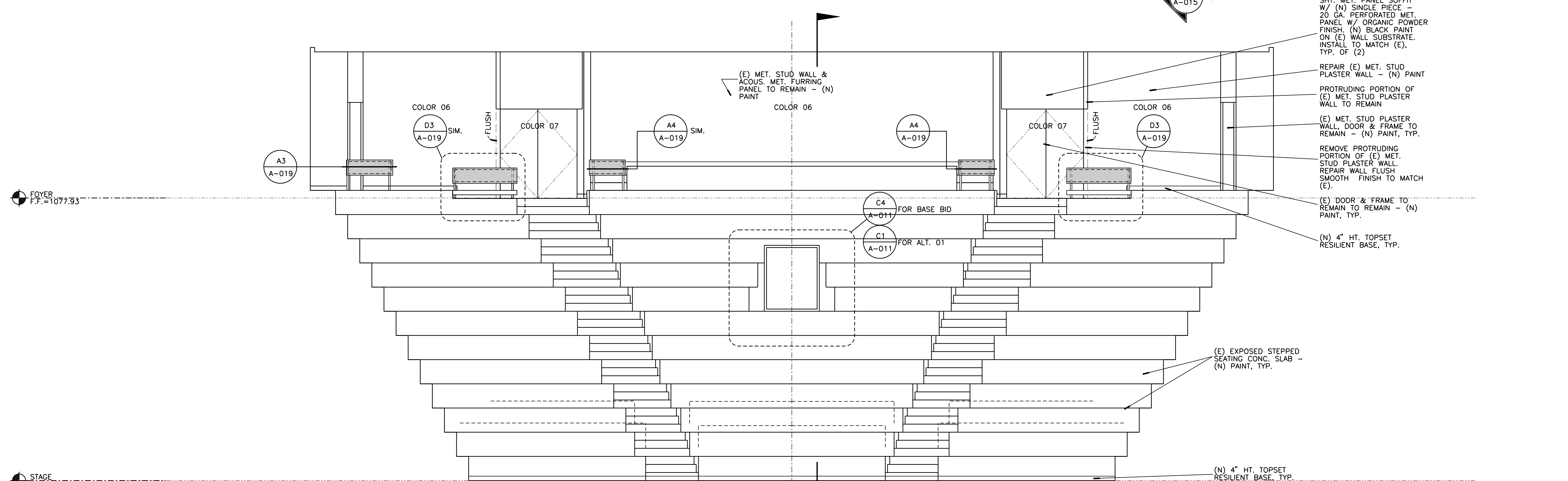
Table with 4 columns: role, name, approval type, date. Lists project team members and their roles.

Drawing Name INTERIOR ELEVATION Sheet No. A-014 OF

- NOTE: 1. SEATS, WORK TOPS (O.F.O.I.), & (E) RAILING ARE NOT SHOWN FOR CLARITY. SEE FURNITURE DWG. 2. SEE C1/A-011 FOR ALTERNATE 01. 3. EXCEPT FOR PROJECTION SCREENS, ALL CUSTOMARILY PAINTABLE SURFACES IN LECTURE HALL 48 SHALL HAVE (N) PAINT.



NORTH ELEVATION (SOUTH SIMILAR) EAST ELEVATION



WEST ELEVATION

A1 INTERIOR ELEVATION - LECTURE HALL 1/4" = 1'-0"

319230.PDF





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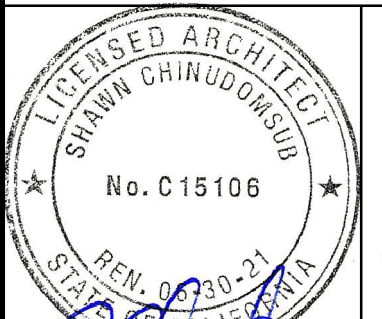
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Tel: (951) 342-3135 Fax: (951) 342-3137

Architect's Data:



Architect's Stamp:

Consultants Stamp:

PROJECT TITLE  
**UCR**  
**DMFI PROJECTS 2019**  
**PHYSICS 2000 RENEWAL**  
**CONSTRUCTION DOCUMENTS**

REVISIONS

REV #	DESCRIPTION	DATE

APPROVED  
UC RIVERSIDE  
Office of Planning, Design & Construction - Report C&E, Safety & Compliance Division  
CAMPUS BUILDING PERMIT

OFFICE OF THE CLERK OF THE ENGINEERING, ARCHITECTURE AND PLANNING ONLY  
07/07/2020

Approved by: [Signature]  
Reviewed by: [Signature]

Consultants Data:

Project Title  
UCR  
DMFI PROJECTS 2019  
PHYSICS 2000 RENEWAL

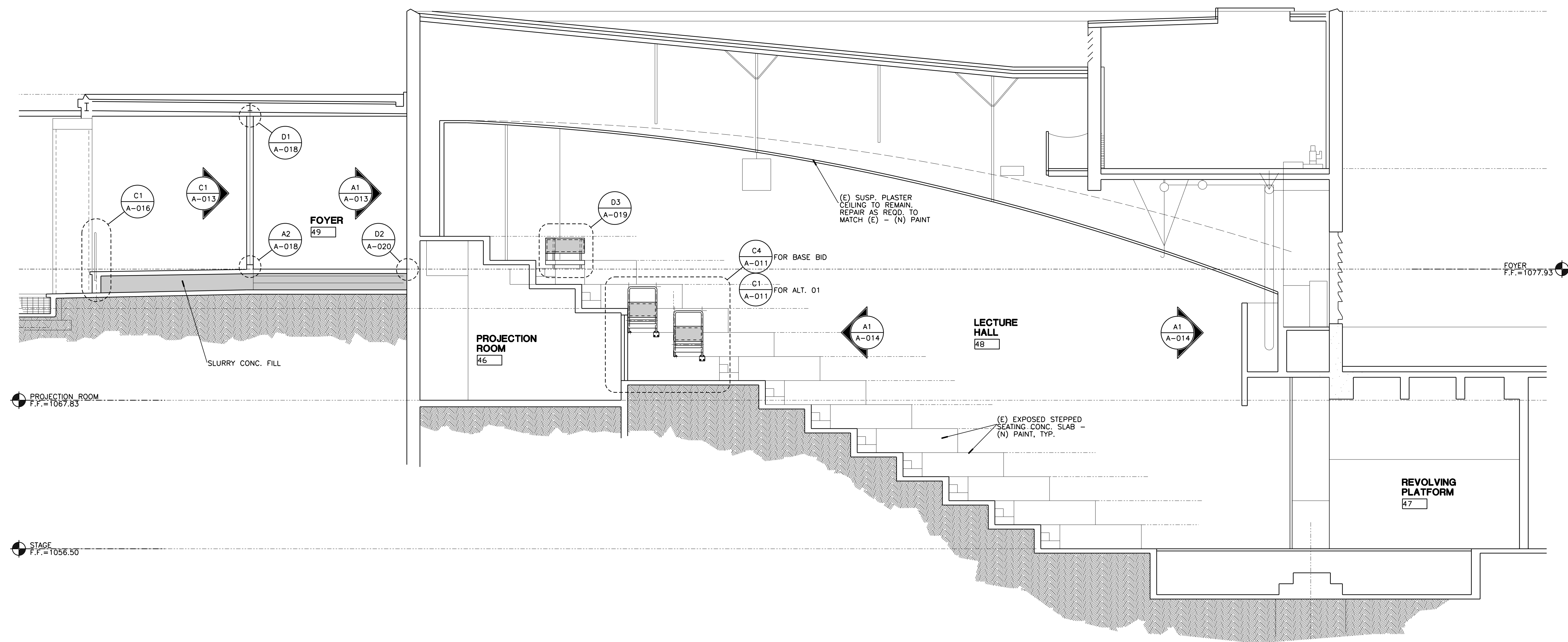
UCR project manager  
SCOTT DONNEL

Scale	AS NOTED	sd approval
Drawn by	J.D.	sd approval
Checked by	S.C.	cd approval
UCR project no.	957443	construction release 05/11/20
aso number		

Drawing Name  
PARTIAL BUILDING SECTION

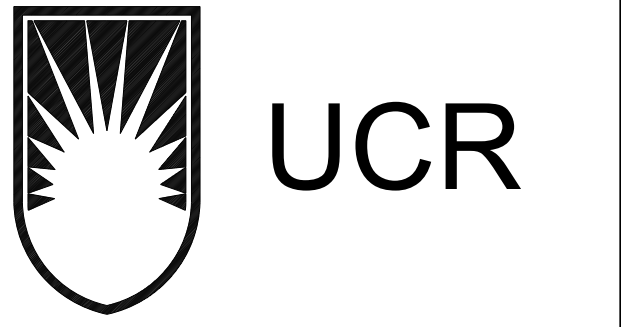
Sheet No.  
A-015  
OF

- NOTE:
- SEATS, WORK TOPS (O.F.O.I.), & (E) RAILING ARE NOT SHOWN FOR CLARITY. SEE FURNITURE DWG.
  - SEE C1/A-011 FOR ALTERNATE 01



**A1** PARTIAL BUILDING SECTION - LECTURE HALL & FOYER  
1/4" = 1'-0"

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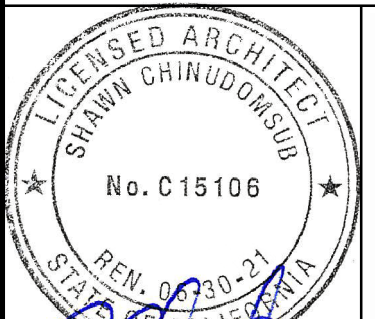


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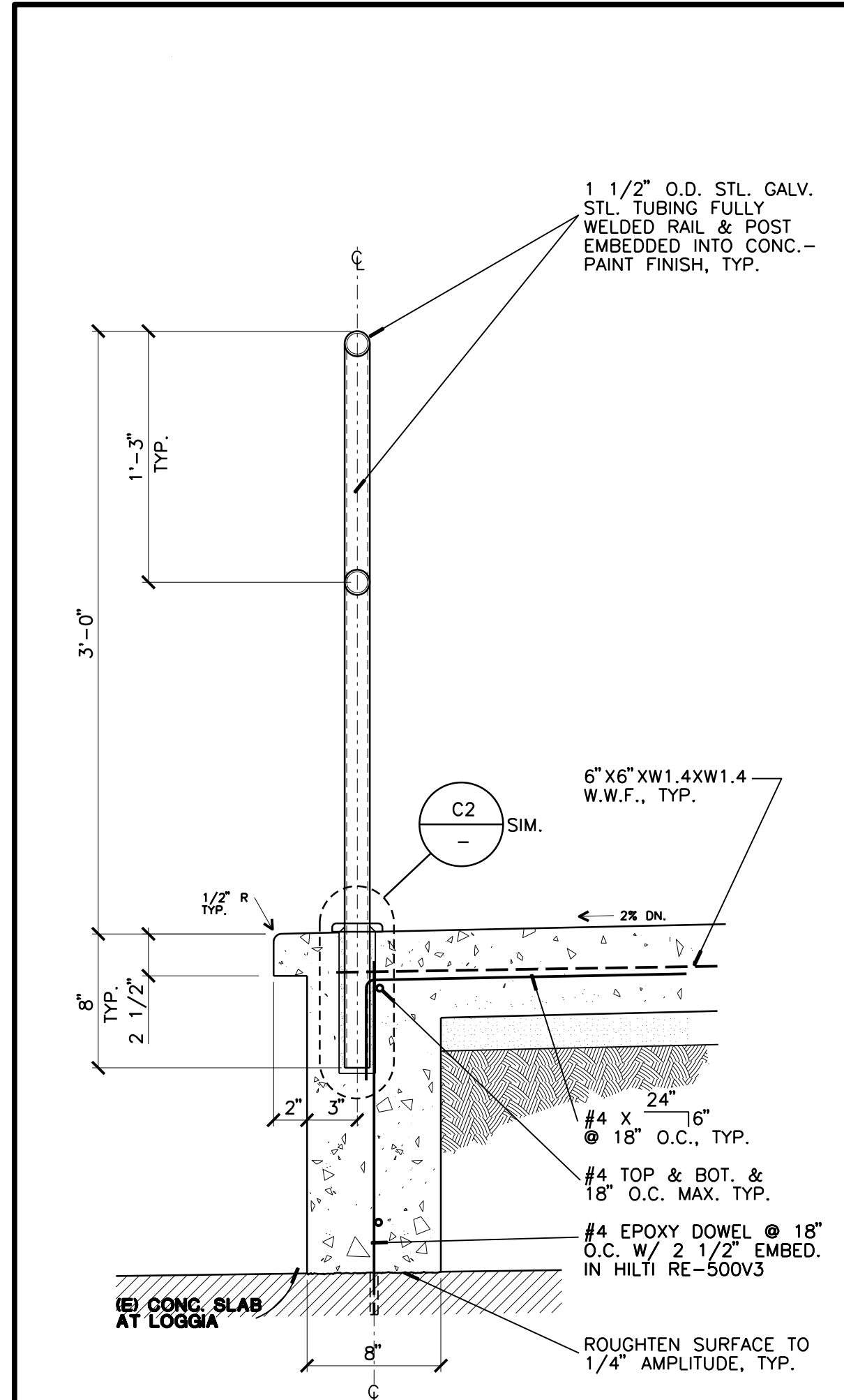


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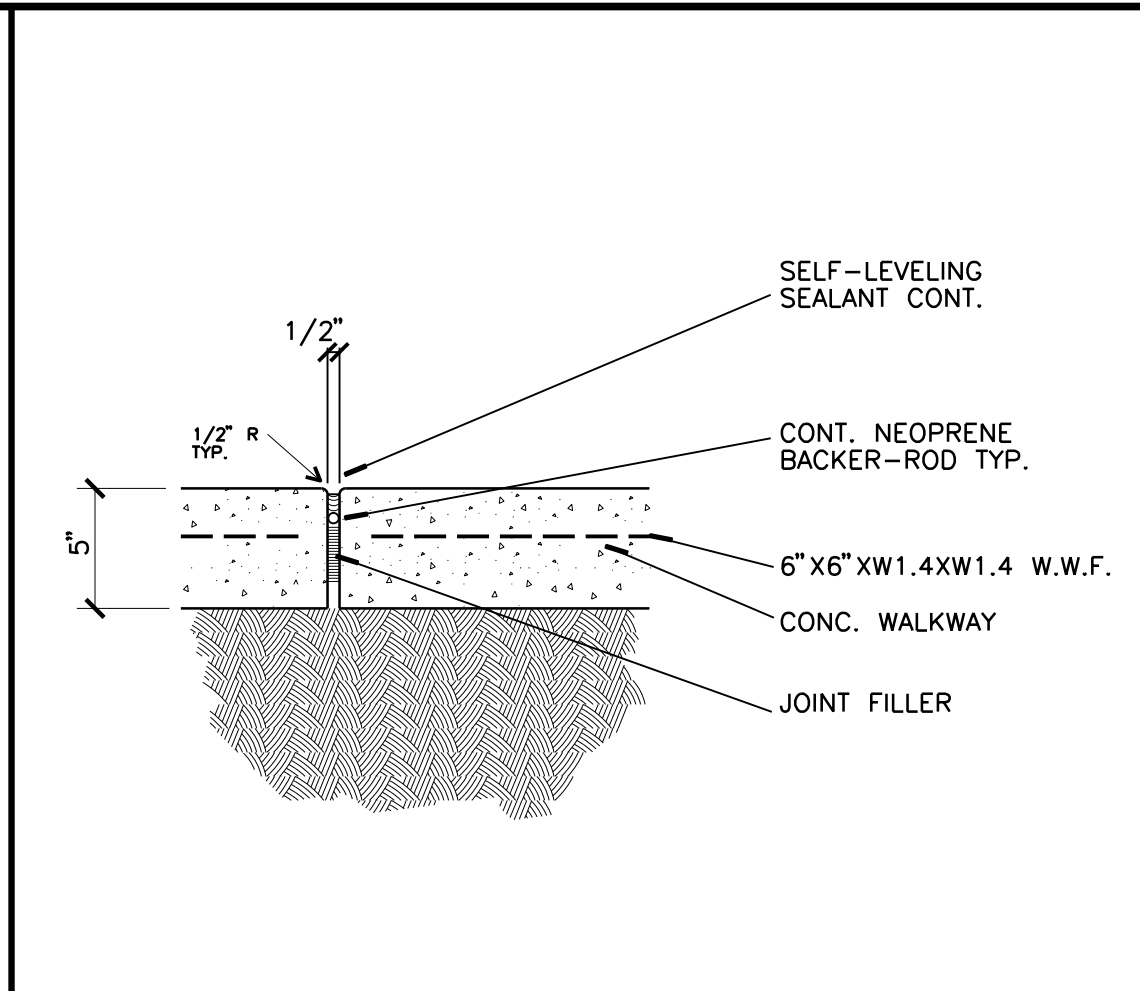
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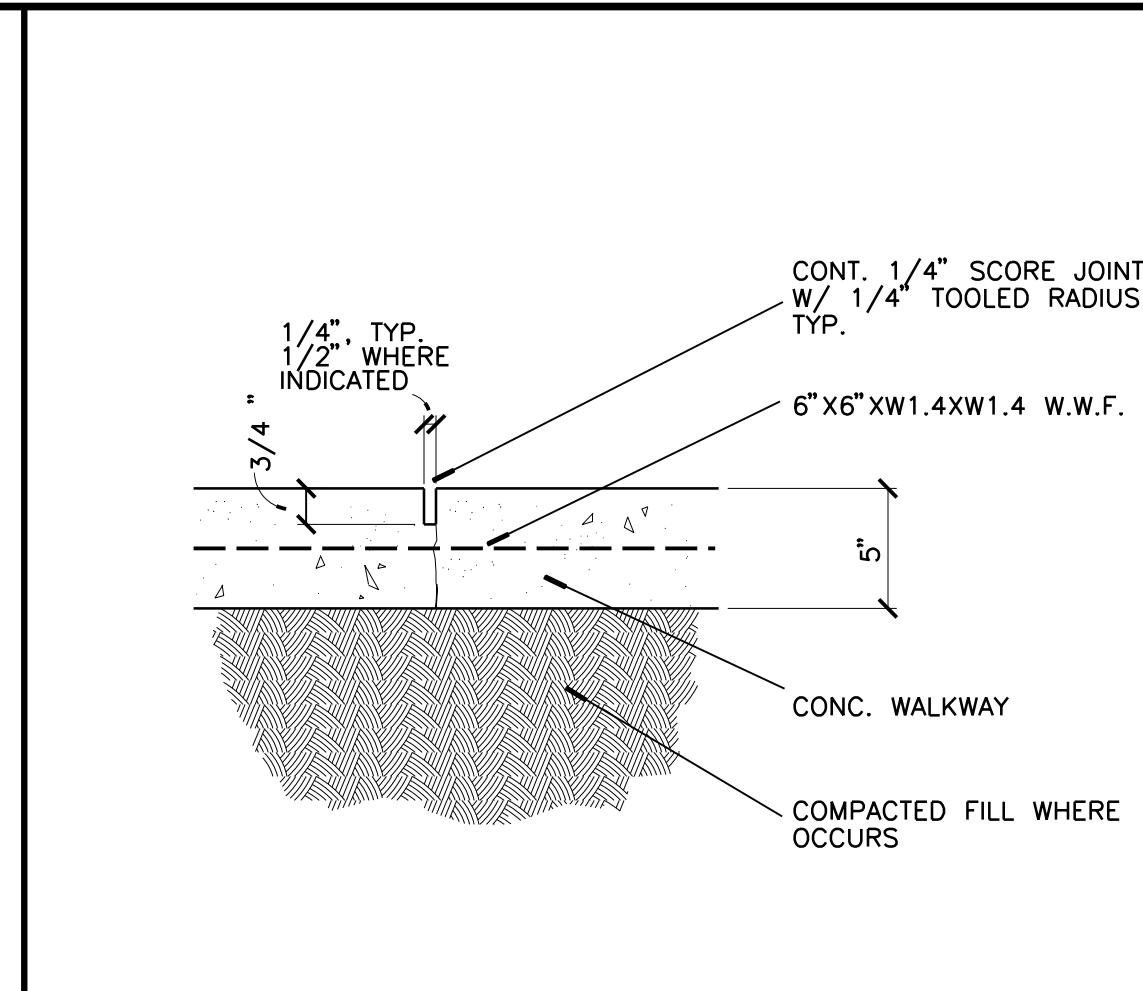
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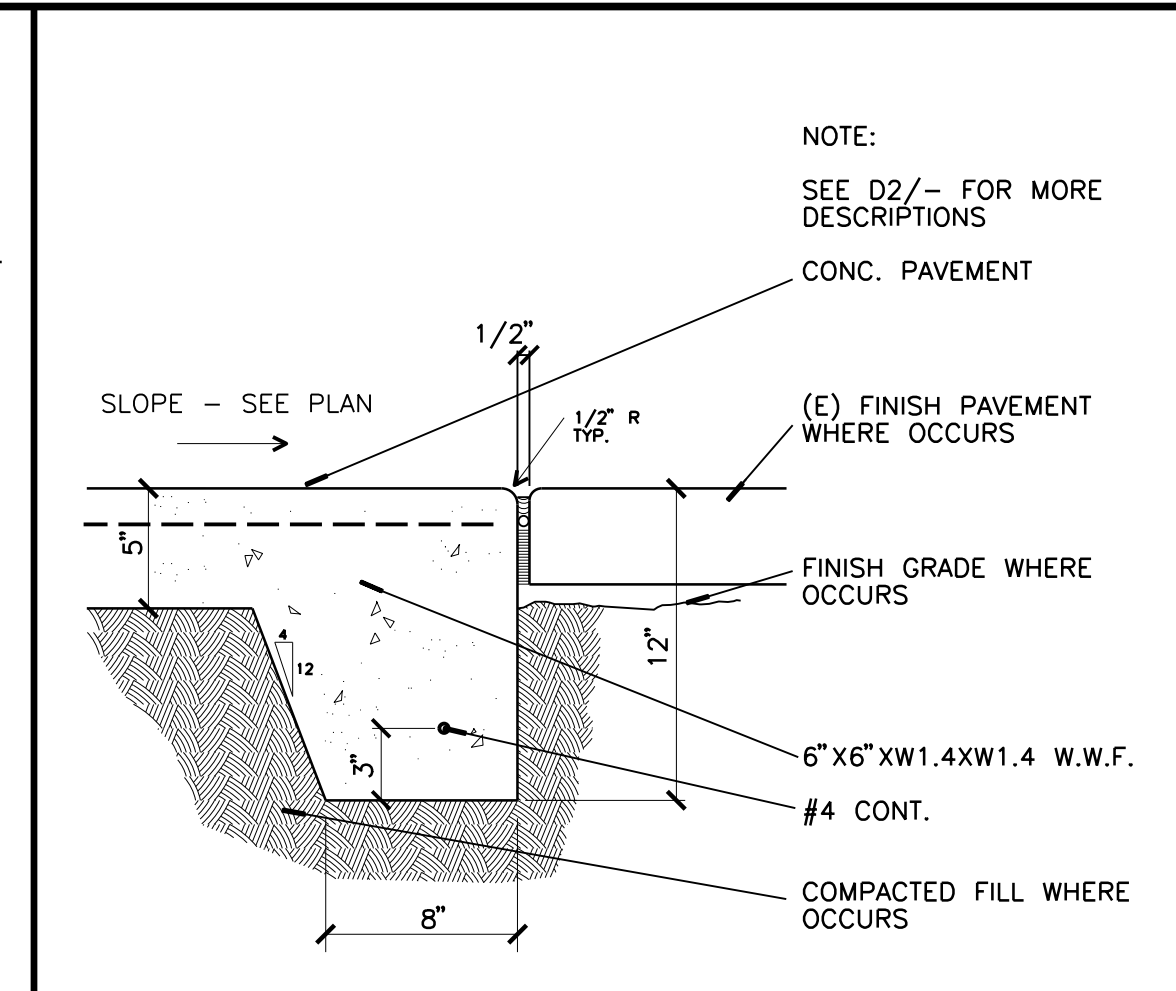
**C1** EDGE OF LOGGIA SLAB & RAILING  
1 1/2" = 1'-0"



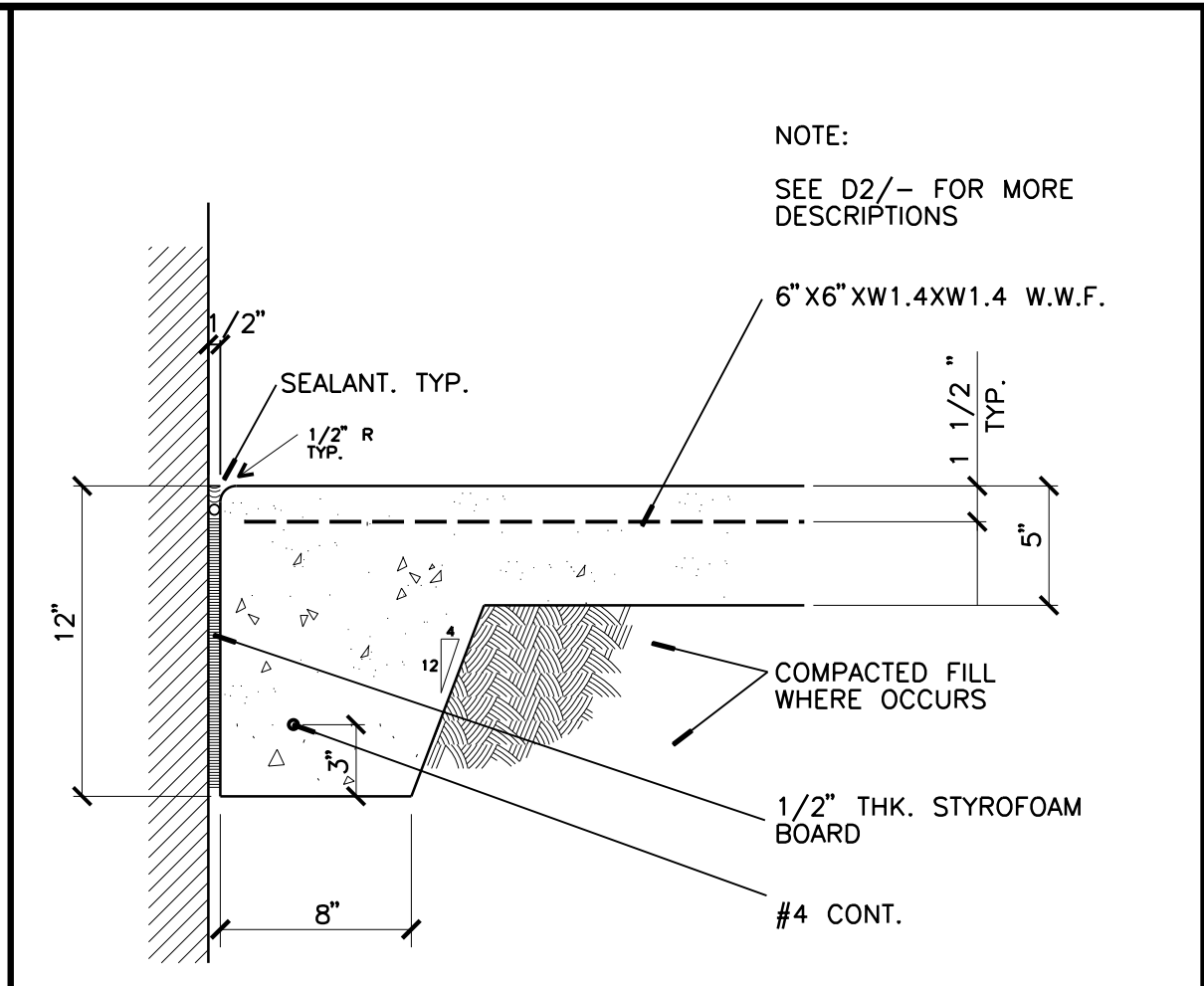
**D2** EXPANSION JOINT - TYPICAL  
1 1/2" = 1'-0"



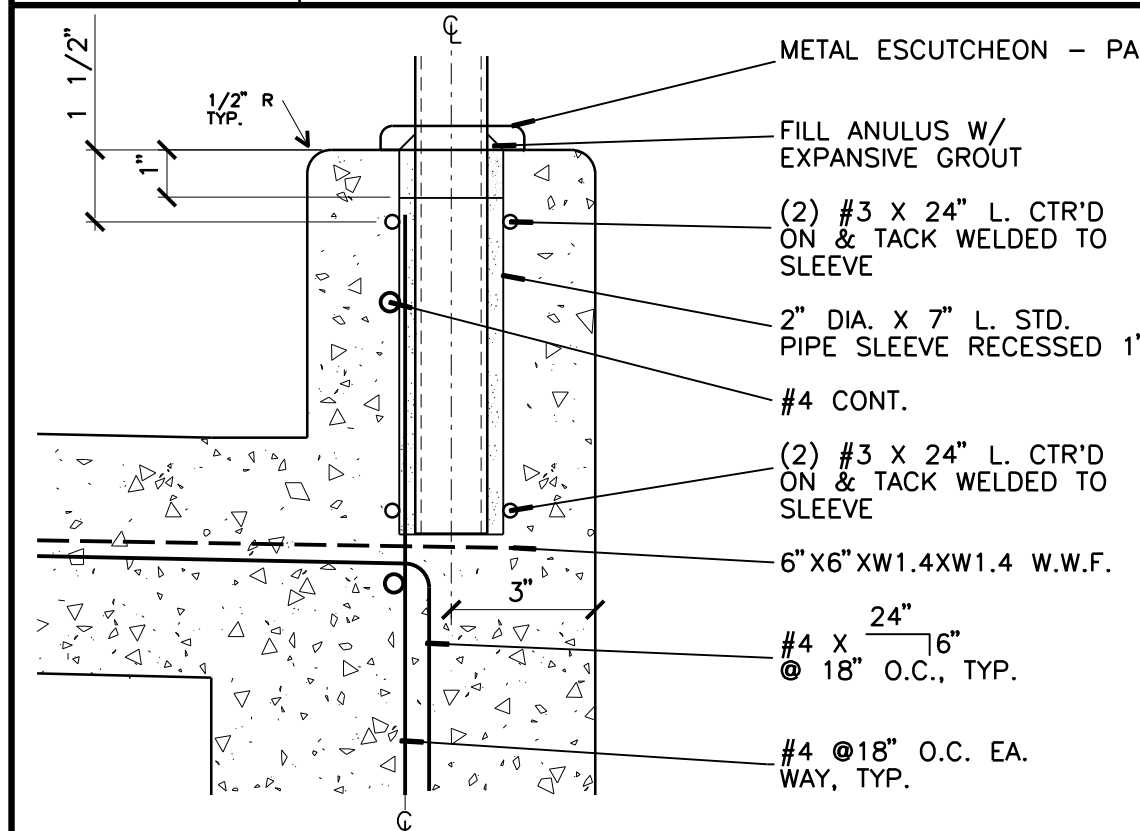
**D3** SCORED JOINT - TYPICAL  
1 1/2" = 1'-0"



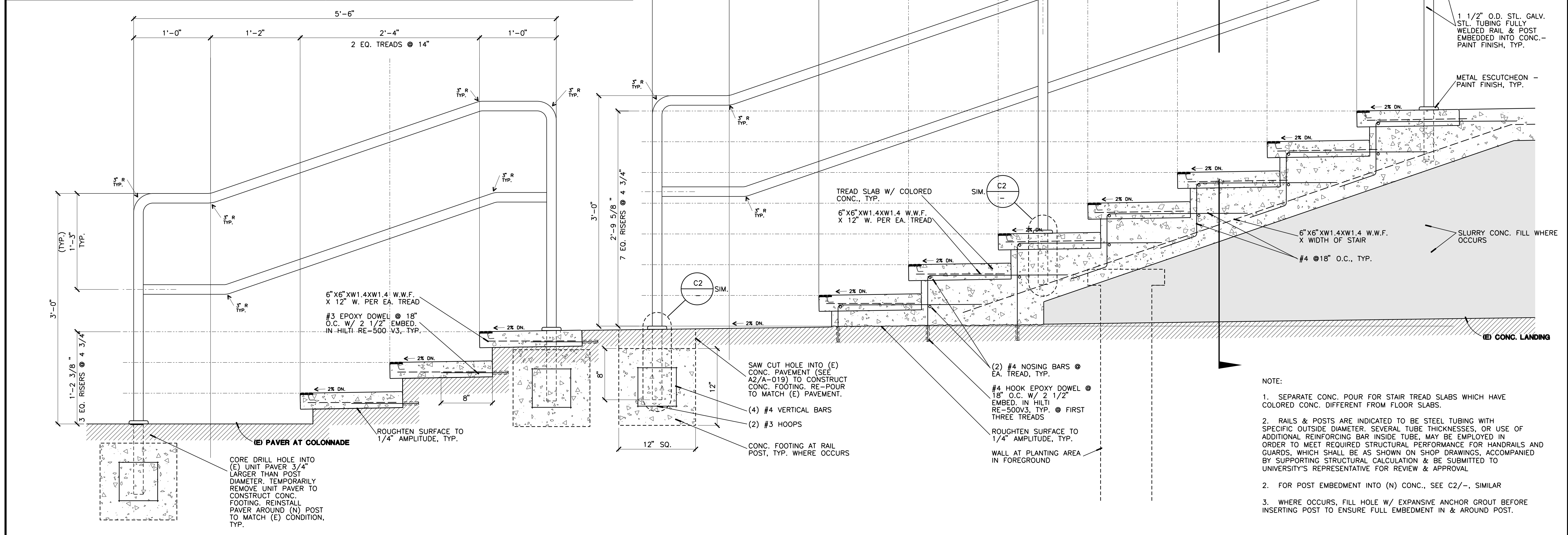
**D4** EDGE OF EXT. CONC. SLAB - TYP.  
1 1/2" = 1'-0"



**D5** EDGE OF EXT. CONC. SLAB AT WALL  
1 1/2" = 1'-0"



**C2** RAILING ANCHOR - TYPICAL  
3" = 1'-0"



**A1** CROSS SECTION OF EXTERIOR FRONT MAIN STAIRS - BOTH STAIRS SIMILAR  
1 1/2" = 1'-0"

PROJECT TITLE  
**UCR**  
**DMFI PROJECTS 2019**  
**PHYSICS 2000 RENEWAL**  
**CONSTRUCTION DOCUMENTS**

REVISIONS		
REV #	DESCRIPTION	DATE

APPROVED  
UCR RIVERSIDE  
Office of Planning, Design & Construction Support  
Building, Safety and Compliance Division  
CLAYTON BUILDING PERMIT

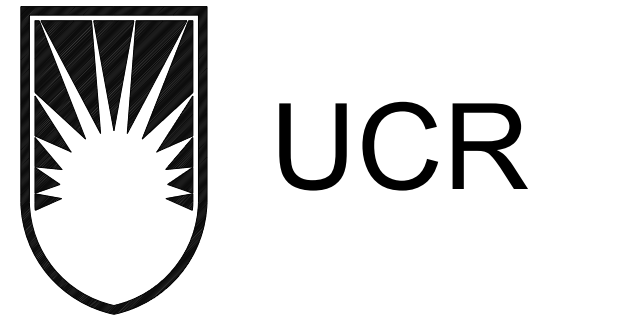
Consultants Data:

Project Title	UCR DMFI PROJECTS 2019 PHYSICS 2000 RENEWAL		
UCR project manager	SCOTT DONNEL		
Scale	AS NOTED	sd approval	
Drawn by	J.D.	dd approval	
Checked by	S.C.	cd approval	05/11/20
UCR project no.	957443	construction release	
Sheet No.	SECTION & DETAILS A-016 OF		

- NOTE:
- SEPARATE CONC. POUR FOR STAIR TREAD SLABS WHICH HAVE COLORED CONC. DIFFERENT FROM FLOOR SLABS.
  - RAILS & POSTS ARE INDICATED TO BE STEEL TUBING WITH SPECIFIC OUTSIDE DIAMETER, SEVERAL TUBE THICKNESSES, OR USE OF ADDITIONAL REINFORCING BAR INSIDE TUBE. MAY BE EMPLOYED IN ORDER TO MEET REQUIRED STRUCTURAL PERFORMANCE FOR HANDRAILS AND GUARDS, WHICH SHALL BE AS SHOWN ON SHOP DRAWINGS, ACCOMPANIED BY SUPPORTING STRUCTURAL CALCULATION & BE SUBMITTED TO UNIVERSITY'S REPRESENTATIVE FOR REVIEW & APPROVAL.
  - WHERE OCCURS, FILL HOLE W/ EXPANSIVE ANCHOR GROUT BEFORE INSERTING POST TO ENSURE FULL EMBEDMENT IN & AROUND POST.

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31920.DWG

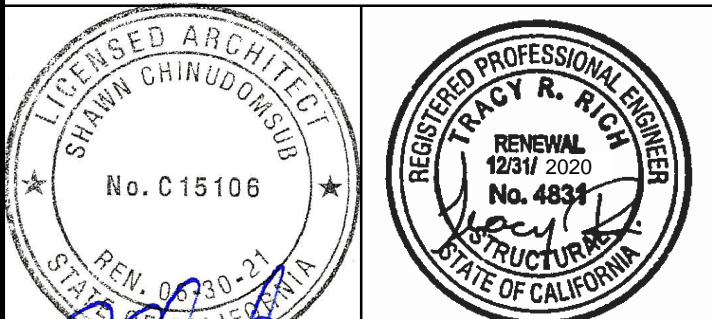


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 Tel: (951) 342-3135 Fax: (951) 342-3137

Architect's Data:



Architect's Stamp: [Signature] Consultants Stamp: [Signature]

PROJECT TITLE  
**UCR**  
**DMFI PROJECTS 2019**  
**PHYSICS 2000 RENEWAL**  
**CONSTRUCTION DOCUMENTS**

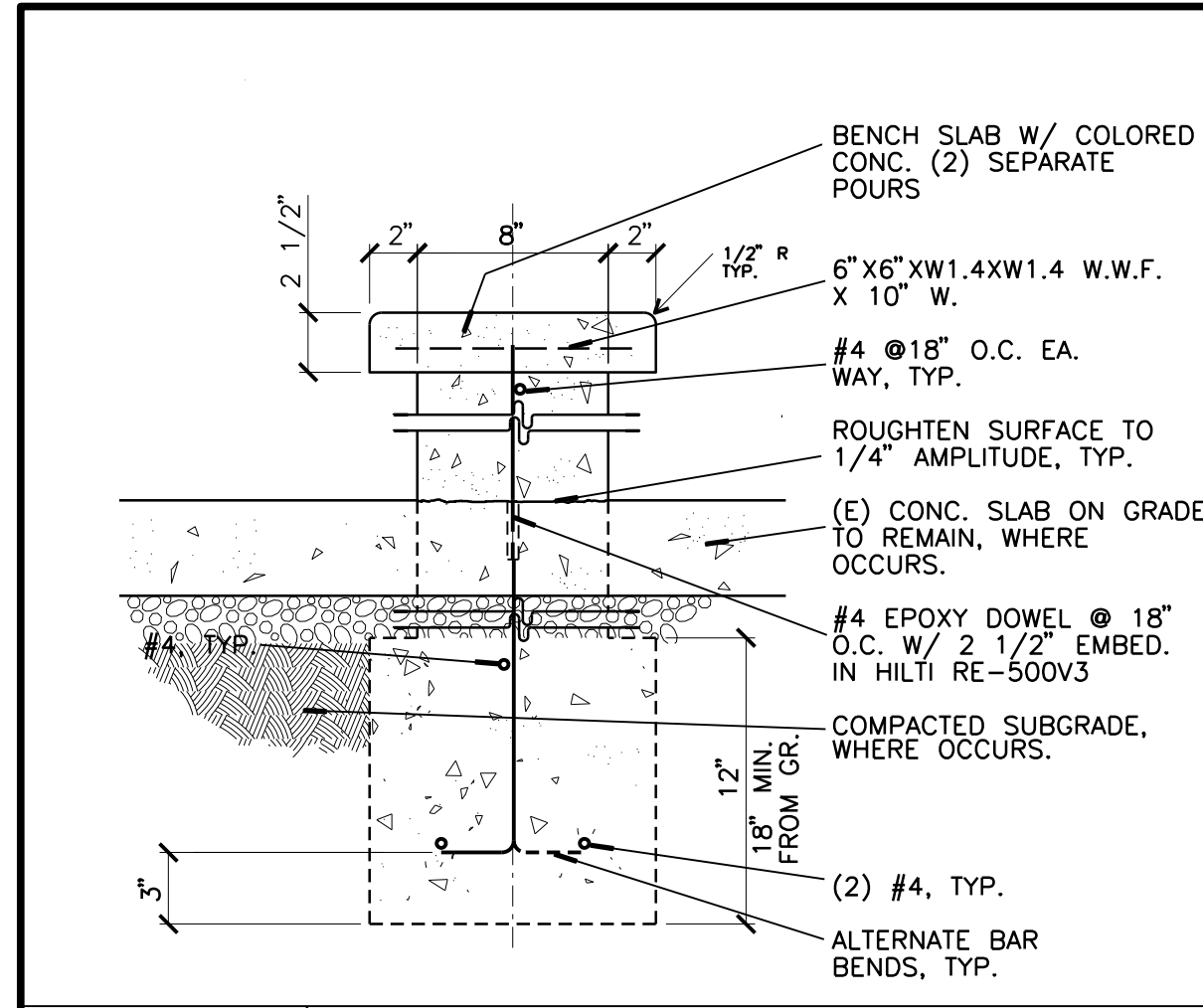
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REV #	DESCRIPTION	DATE

APPROVED  
 Shawn Grindgens  
 Licensed Architect  
 No. C15106  
 07/07/2020

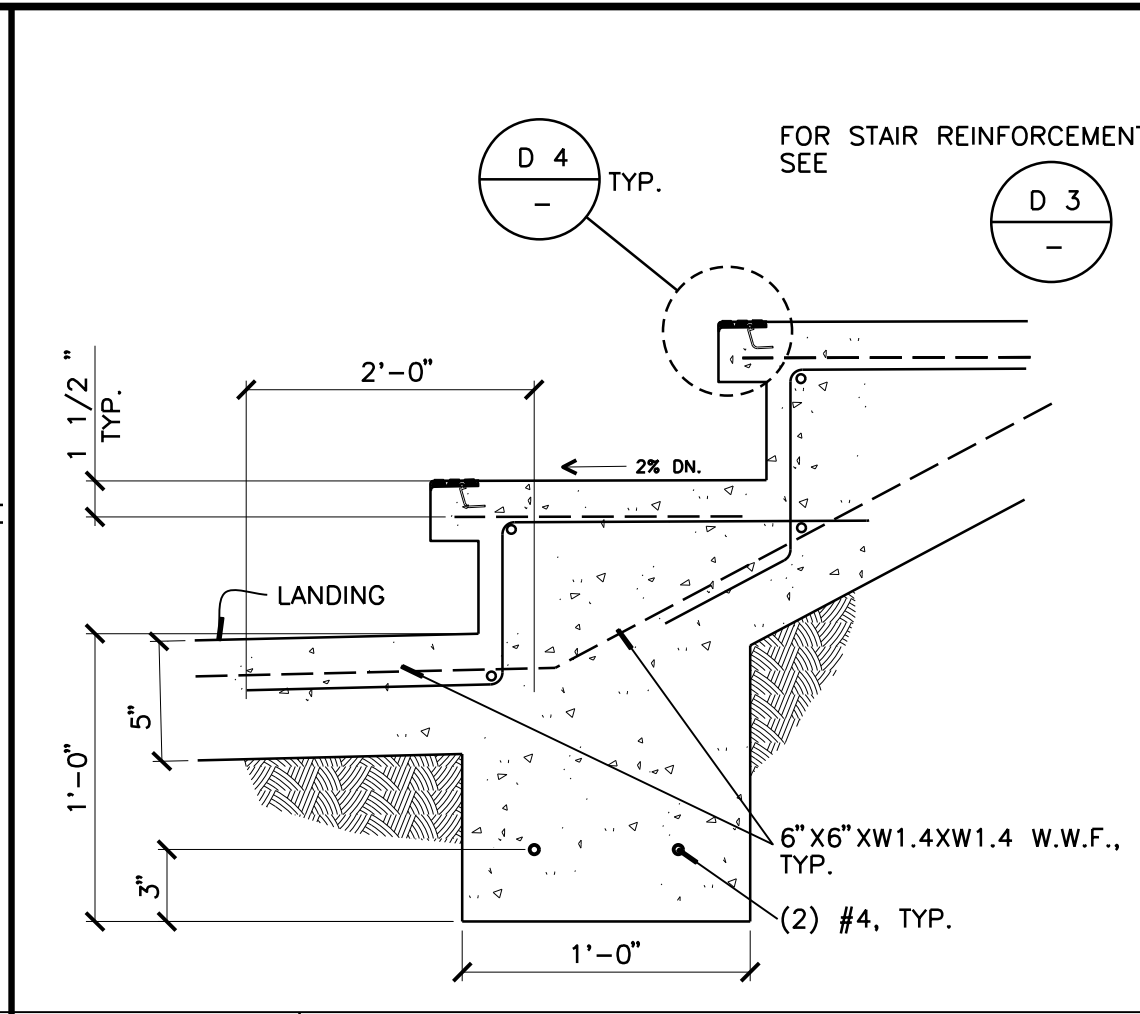
Consultants Data:

Project Title	UCR DMFI PROJECTS 2019 PHYSICS 2000 RENEWAL		
UCR project manager	SCOTT DONNEL		
Scale	AS NOTED	sd approval	
Drawn by	J.D.	jd approval	
Checked by	S.C.	cd approval	05/11/20
UCR project no.	957443	construction release	
iso number			

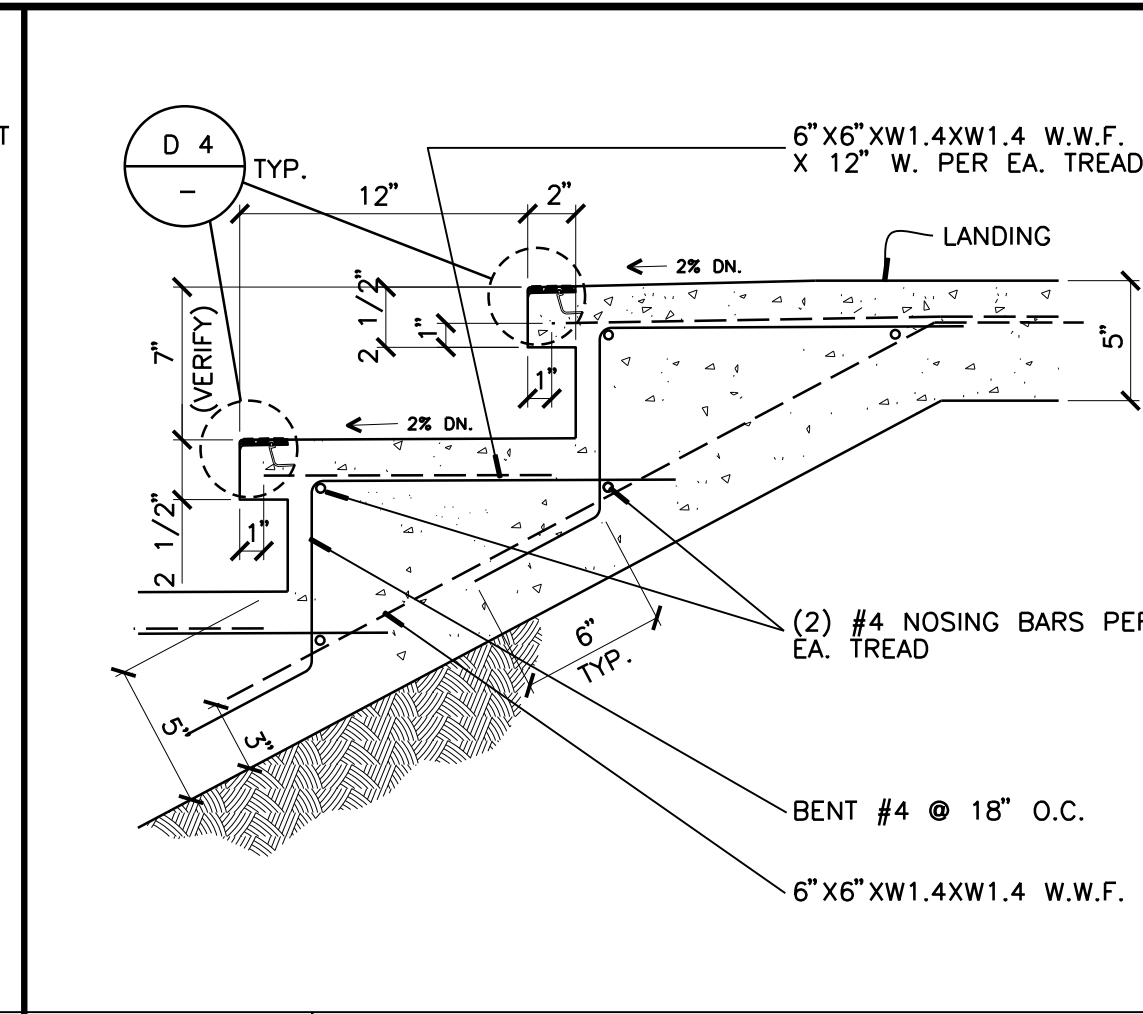
Drawing Name	SECTION & DETAILS	Sheet No.	A-017 OF
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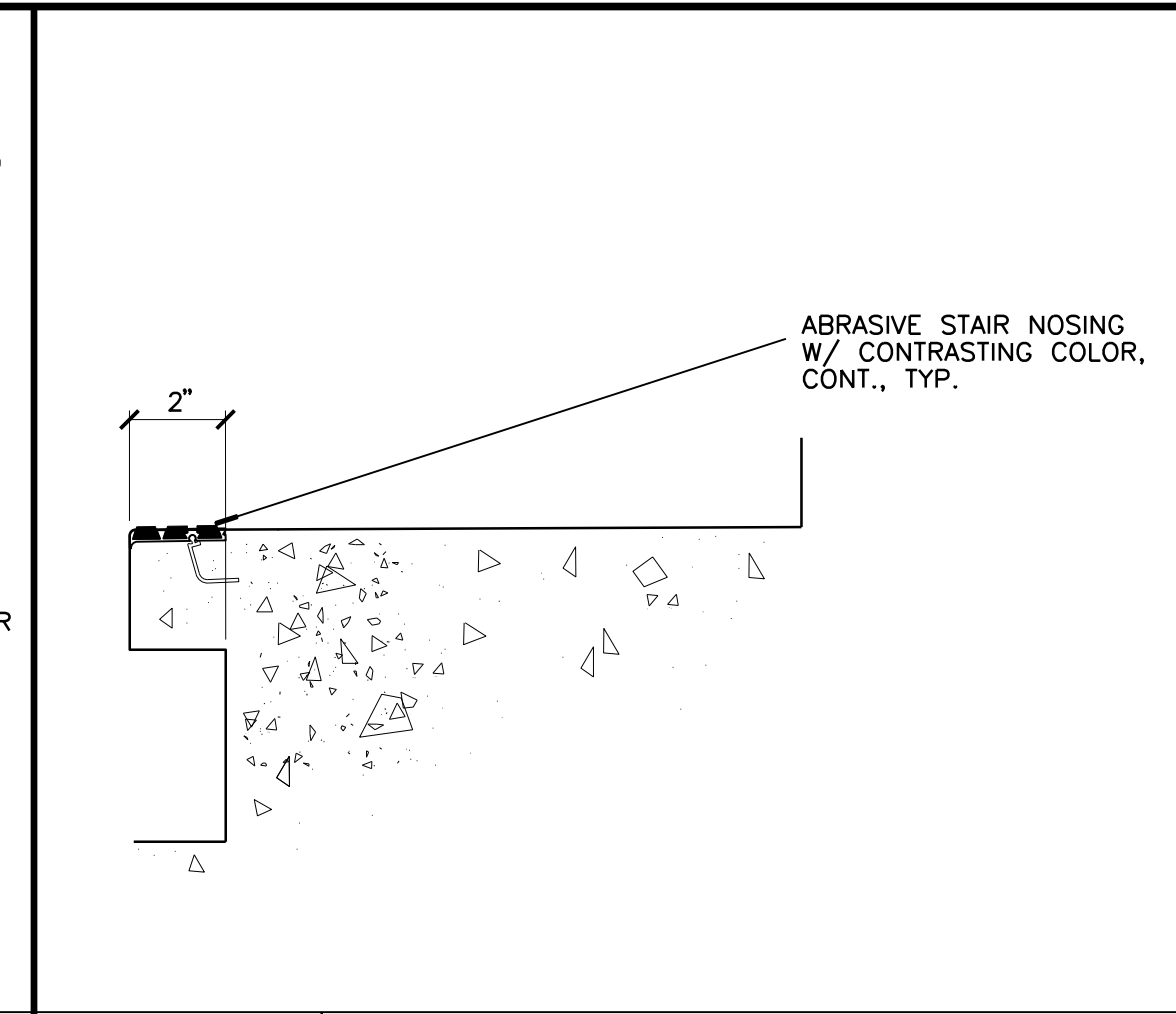
**D1 WALL AT PLANTER BOX**  
 1 1/2" = 1'-0"



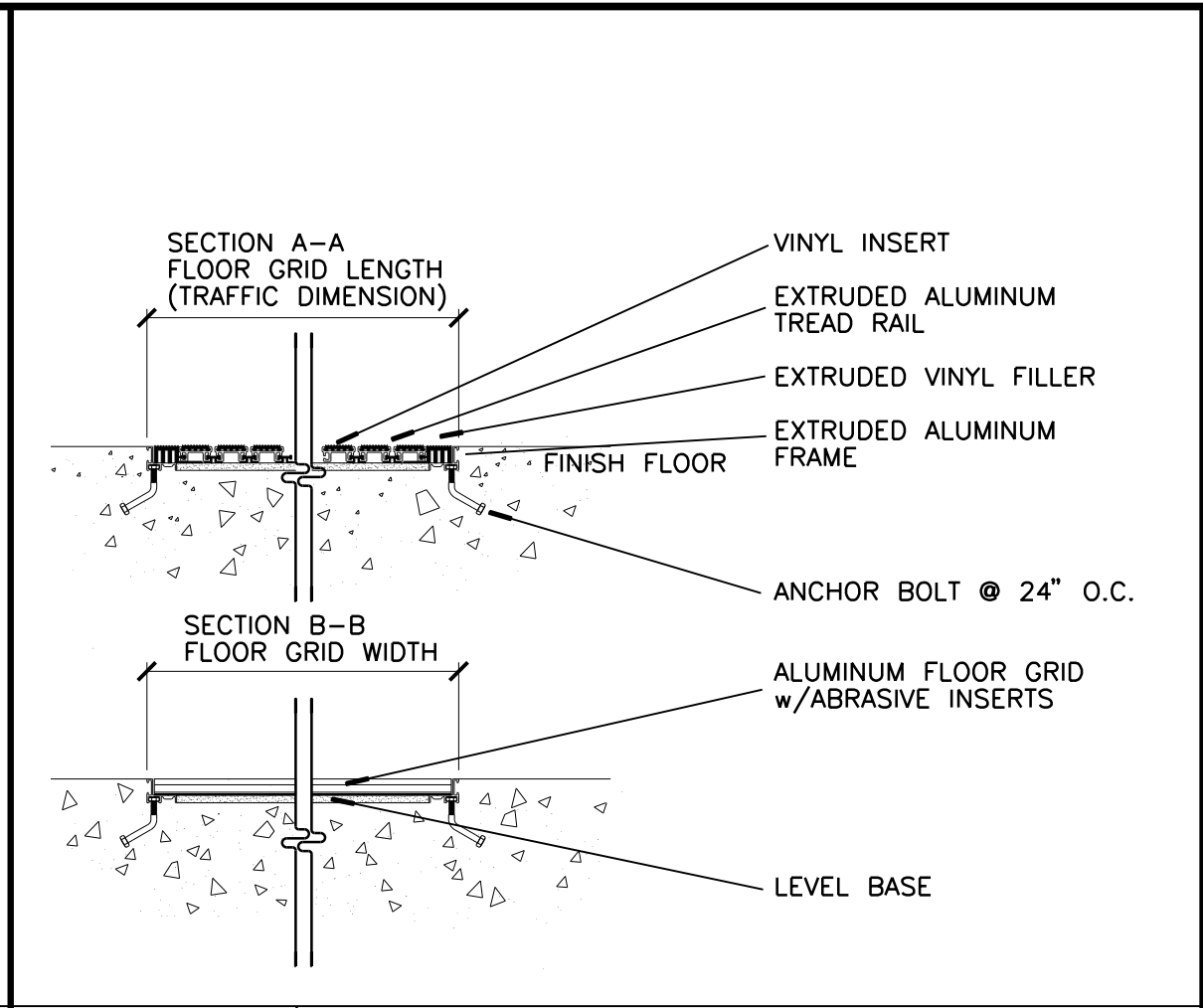
**D2 EXTERIOR STAIR**  
 1 1/2" = 1'-0"



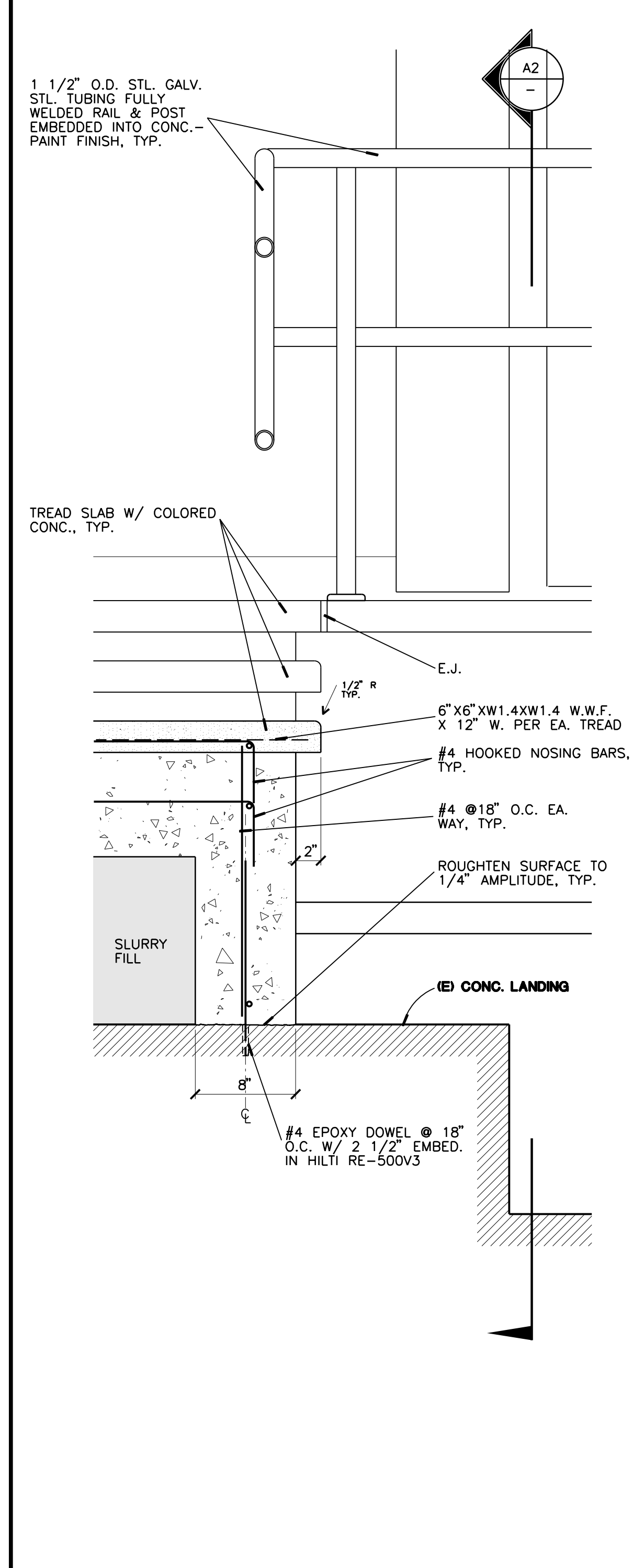
**D3 EXTERIOR STAIR**  
 1 1/2" = 1'-0"



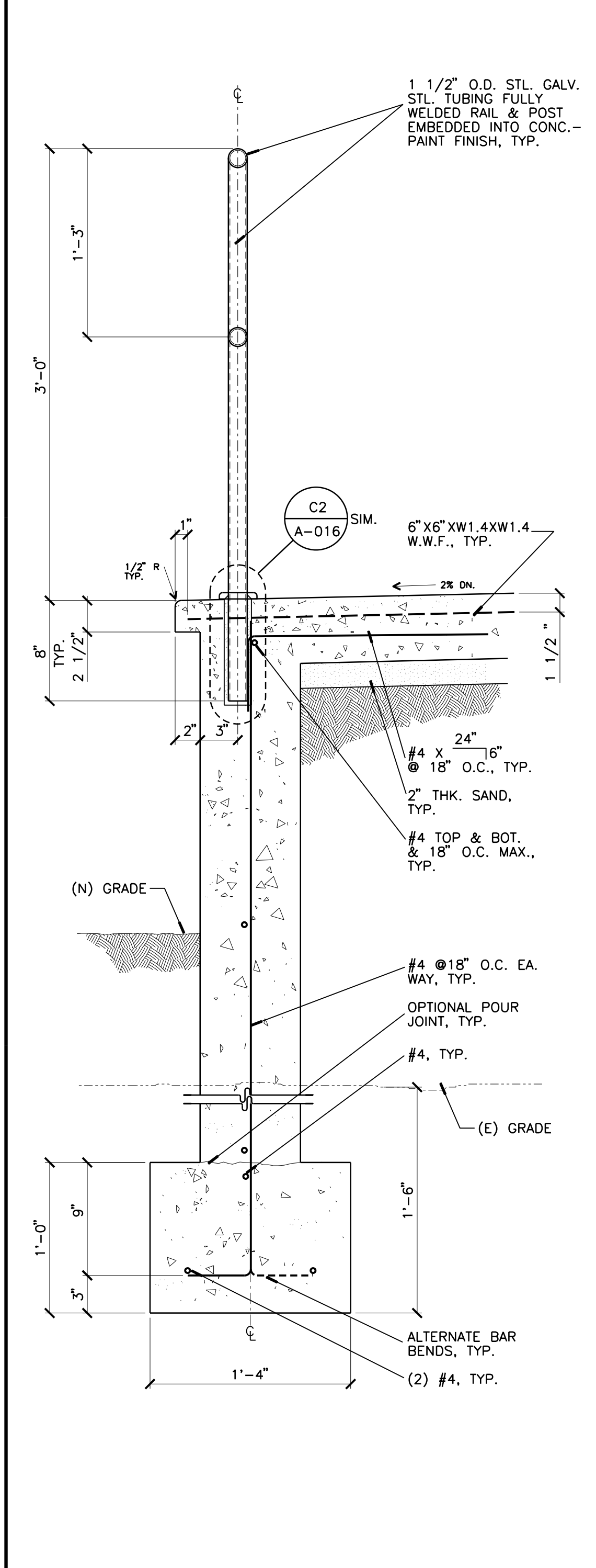
**D4 STAIR NOSING - TYP.**  
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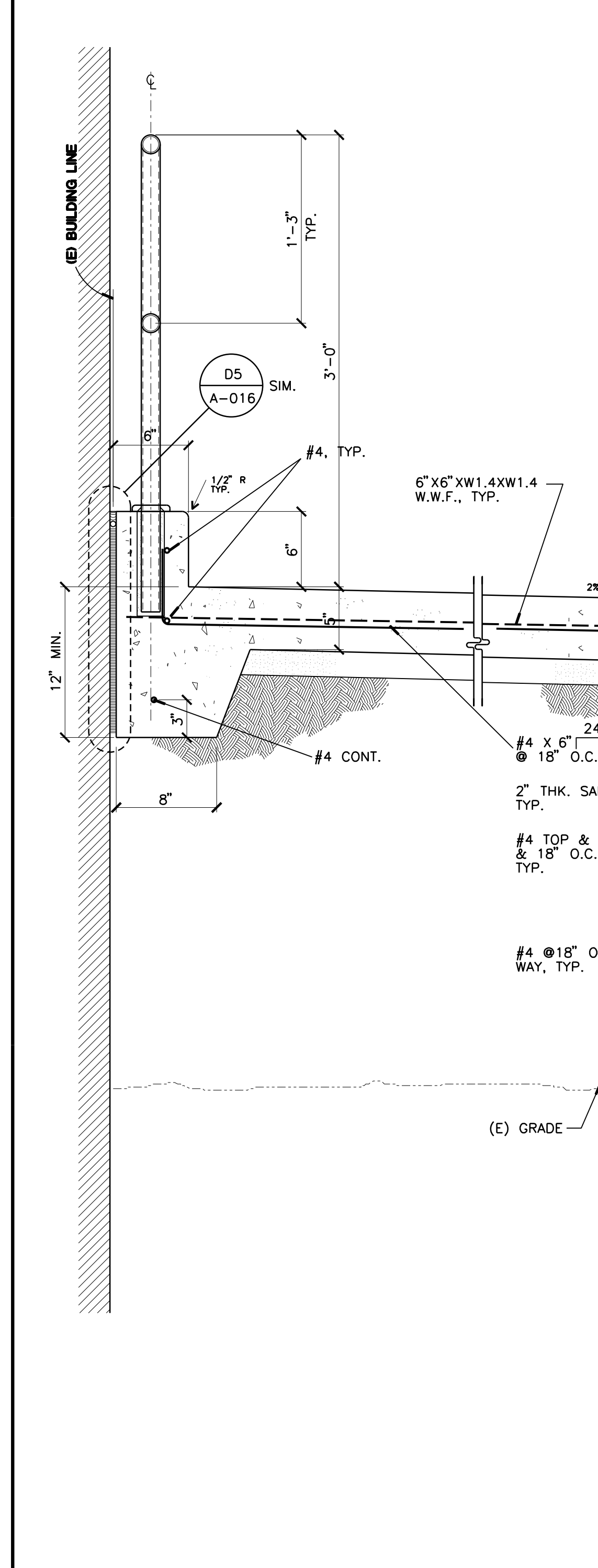
**D5 RECESSED FLOOR MAT**  
 1 1/2" = 1'-0"



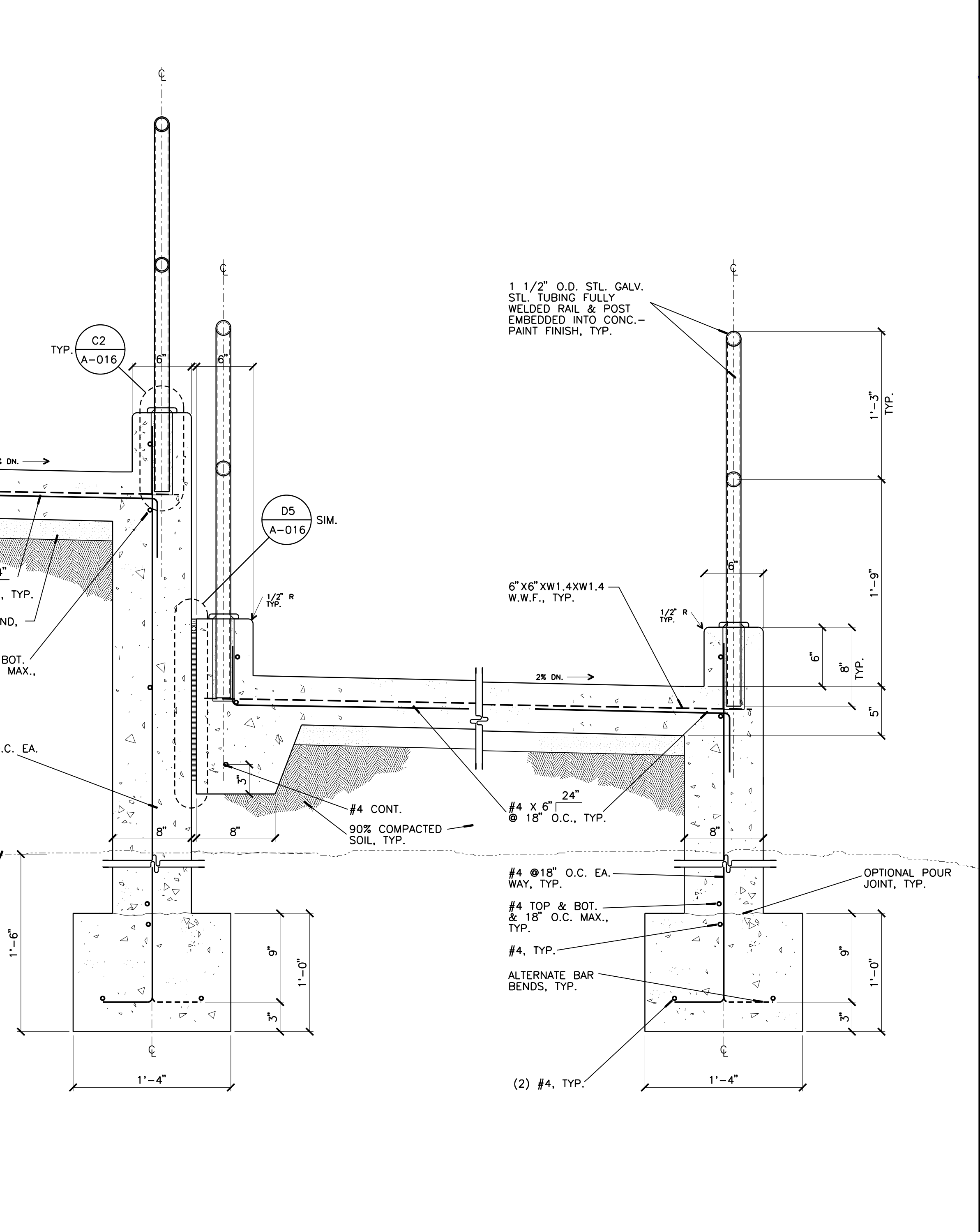
**A1 SECTION OF MAIN STAIRS**  
 1 1/2" = 1'-0"



**A2 SECTION OF TOP LANDING AT RAMP**  
 1 1/2" = 1'-0"



**A3 CROSS SECTION AT RAMP**  
 1 1/2" = 1'-0"



**A4 CROSS SECTION AT RAMP**  
 1 1/2" = 1'-0"

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Institutional Designs & Architectural Services  
3803 10th Street, Riverside, CA 92501-3521  
Tel: (951) 342-3135 Fax: (951) 342-3137

Architect's Data:  
LICENSED ARCHITECT  
SHAWN GRINDGARDSD  
No. C15106  
REGISTERED PROFESSIONAL ENGINEER  
RENEWAL 12/31/2020  
No. 4831  
STATE OF CALIFORNIA  
Consultants Stamp:

PROJECT TITLE  
**UCR DMFI PROJECTS 2019 PHYSICS 2000 RENEWAL**  
CONSTRUCTION DOCUMENTS

REVISIONS

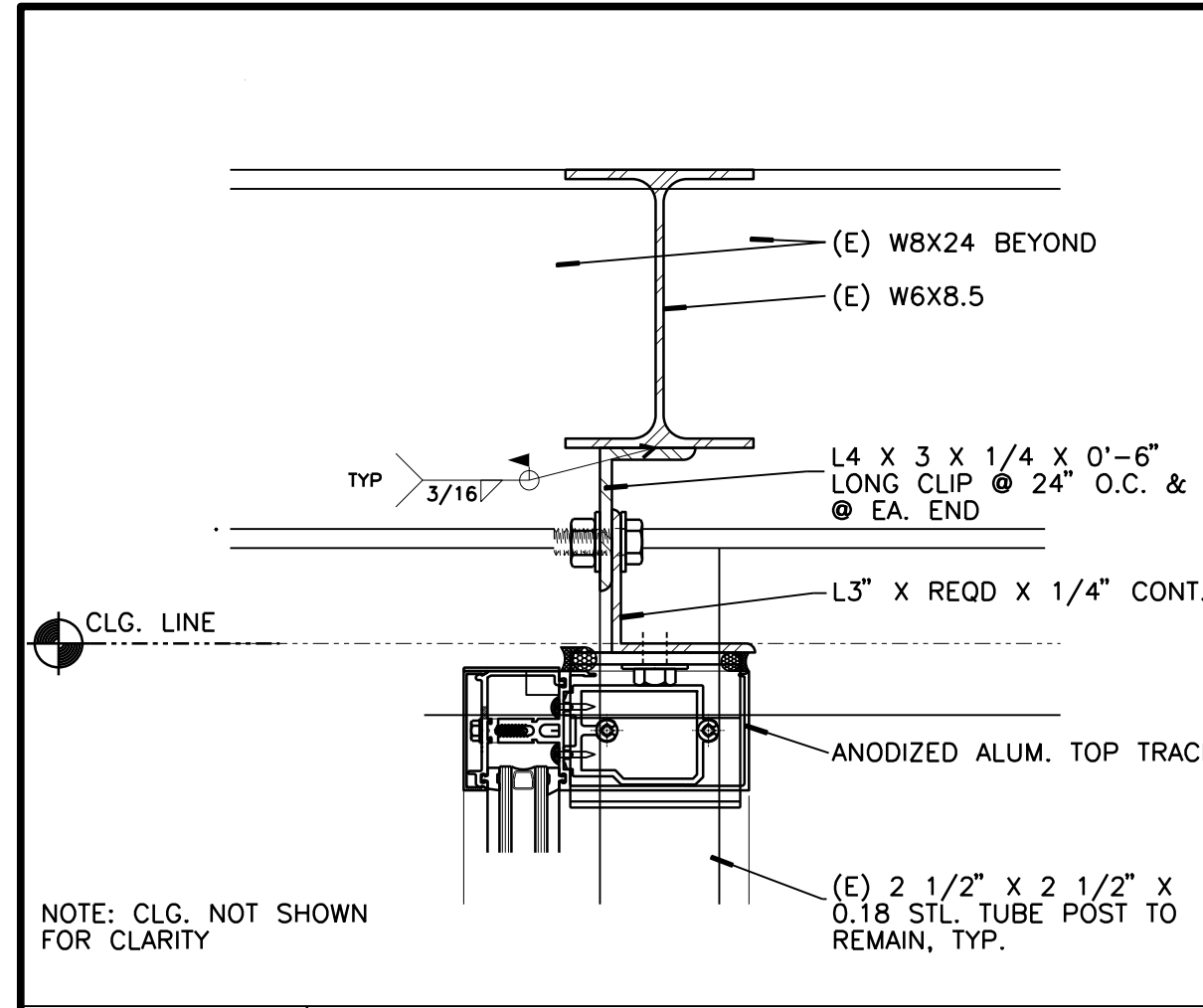
REV #	DESCRIPTION	DATE

APPROVED  
DATE: 07/07/2020  
OFFICE OF THE STATE FIRE MARSHAL  
APPROVED FOR FIRE AND PAUC ONLY

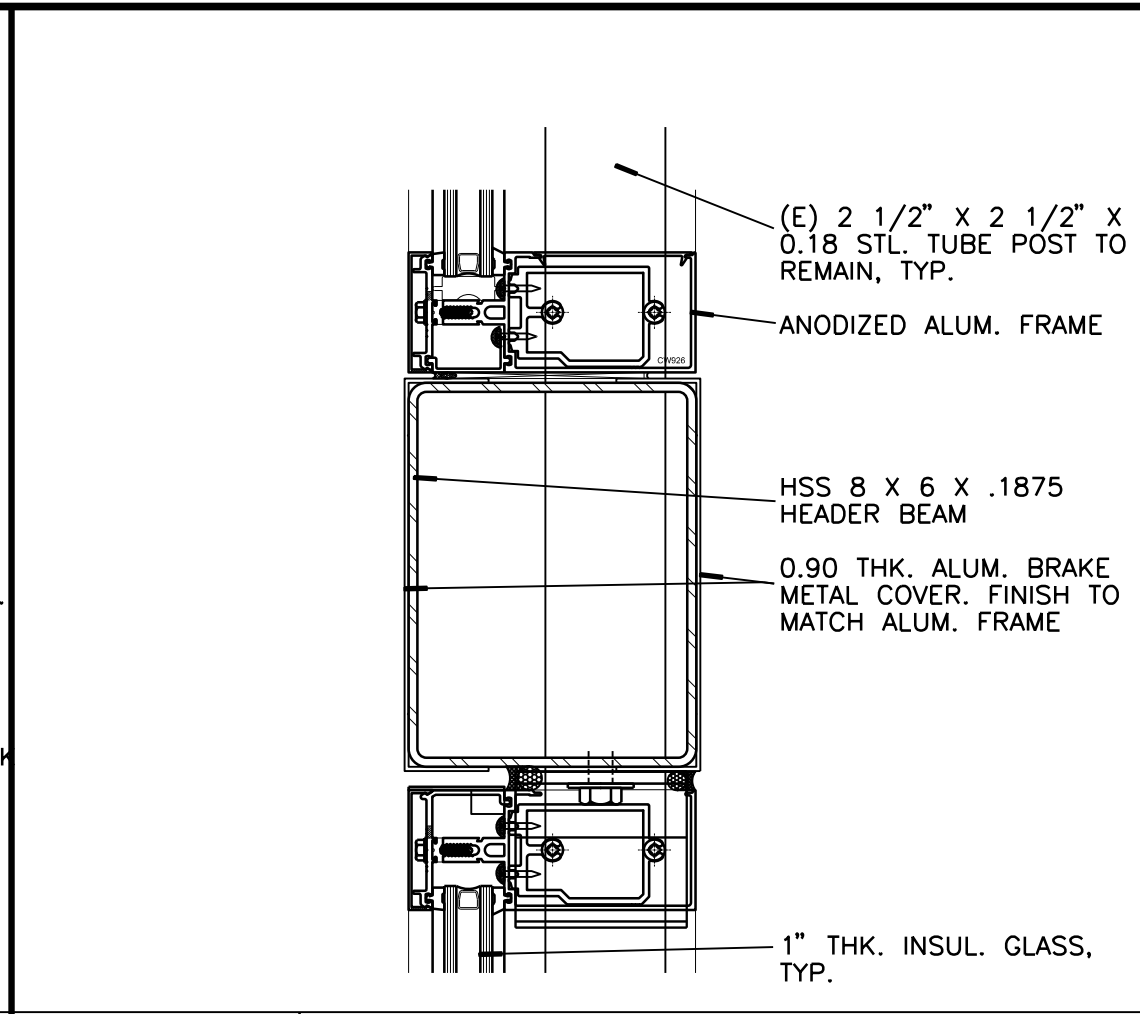
Consultants Data:

Project Title	UCR DMFI PROJECTS 2019 PHYSICS 2000 RENEWAL
UCR project manager	SCOTT DONNEL
Scale	AS NOTED
Drawn by	J.D.
Checked by	S.C.
UCR project no.	957443
Sheet No.	A-018

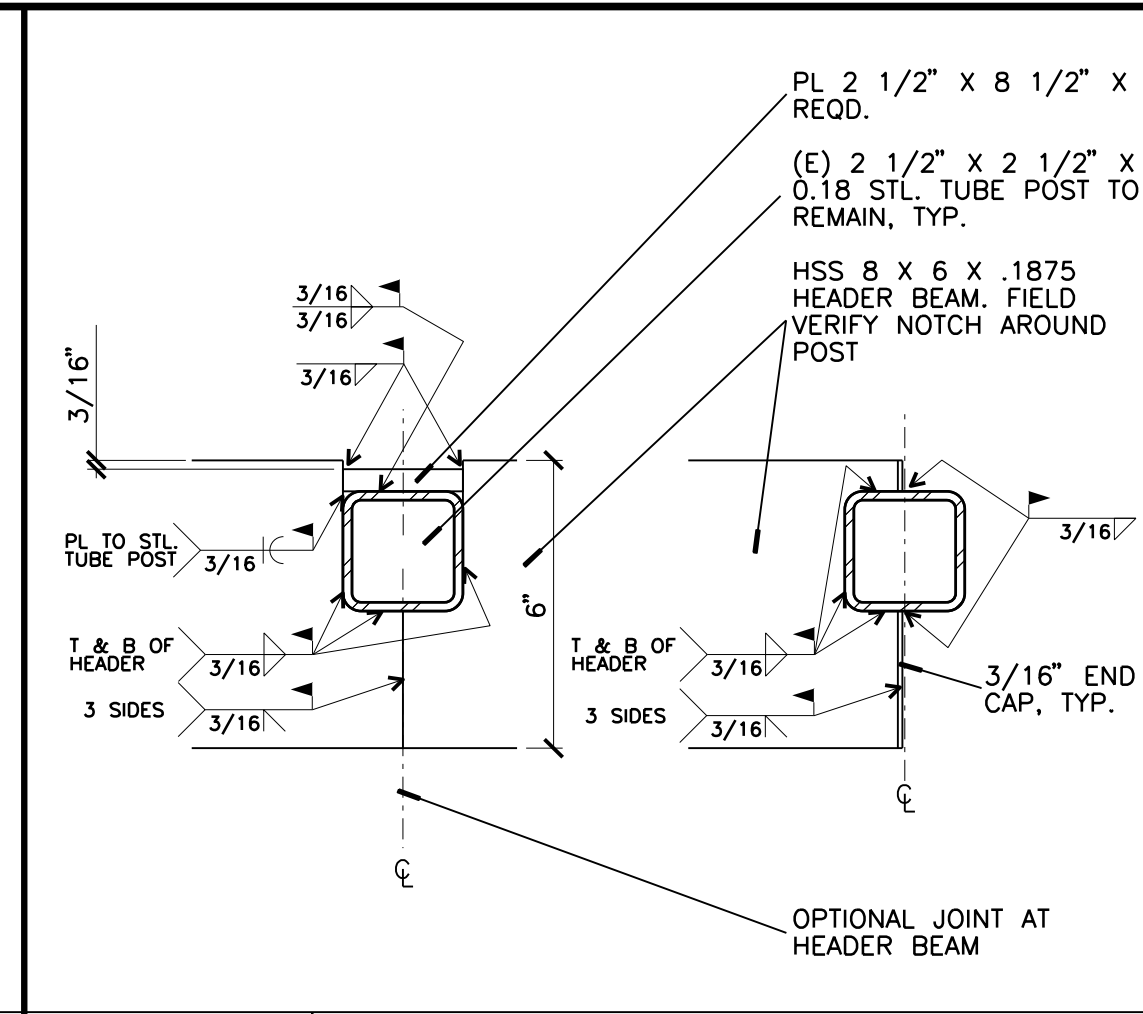
SECTION & DETAILS A-018 OF



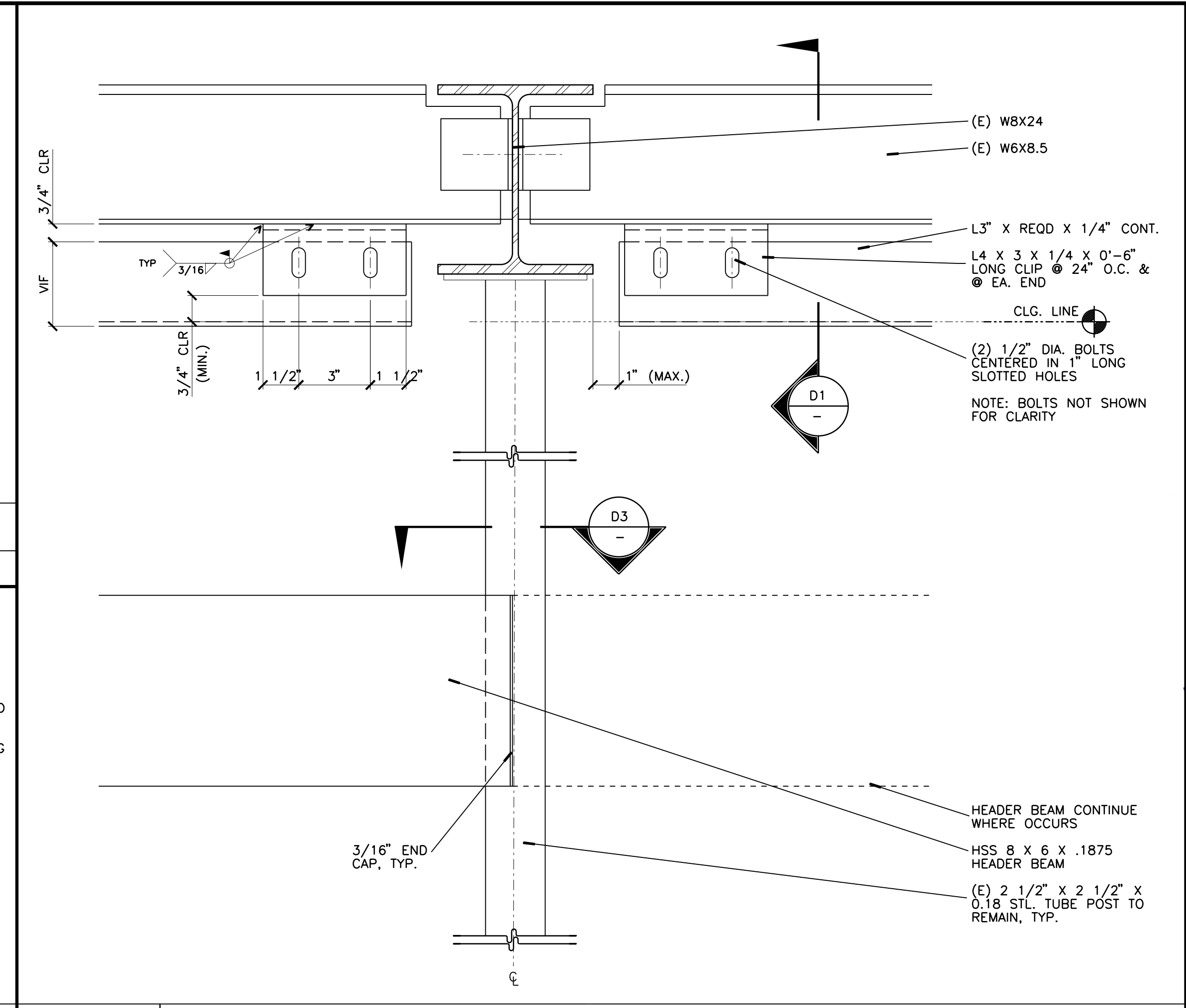
**D1 TOP TRUCK AT CEILING.**  
3" = 1'-0"



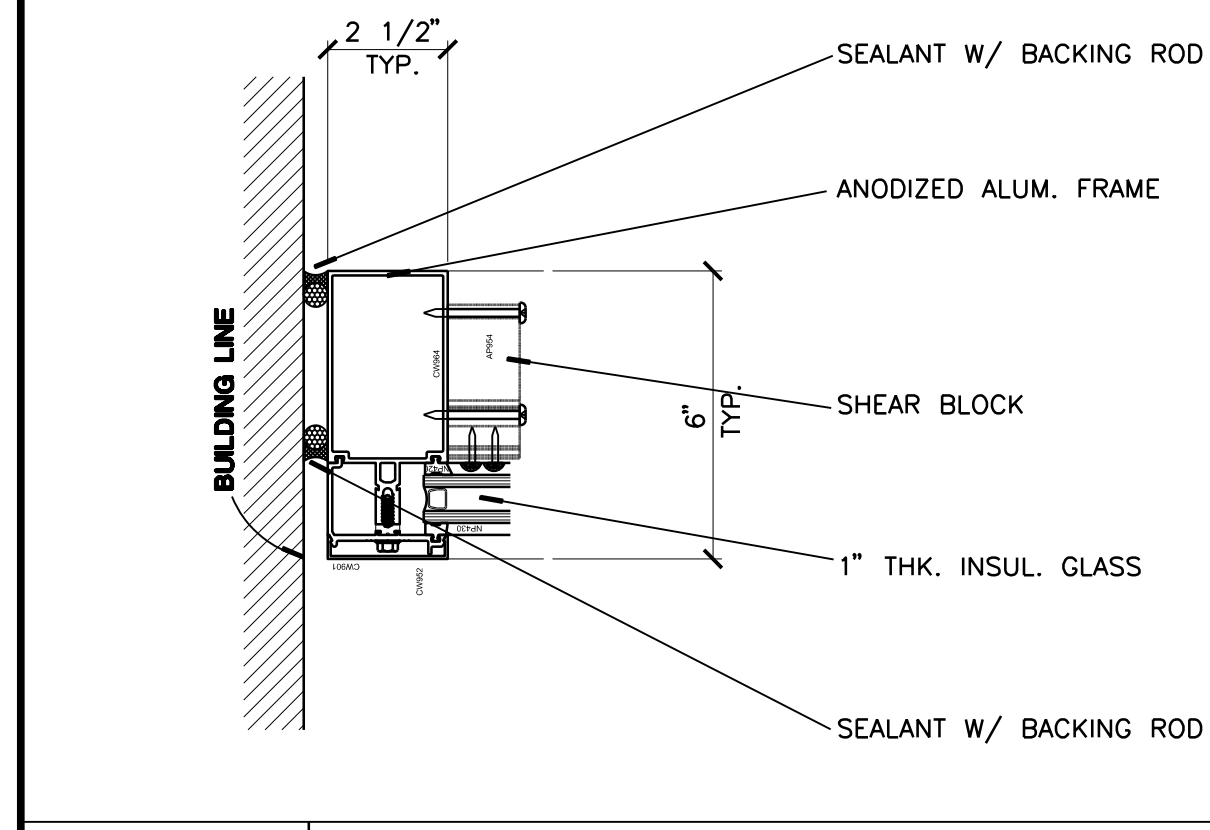
**D2 HEAD (CONTINUING MEMBER)**  
3" = 1'-0"



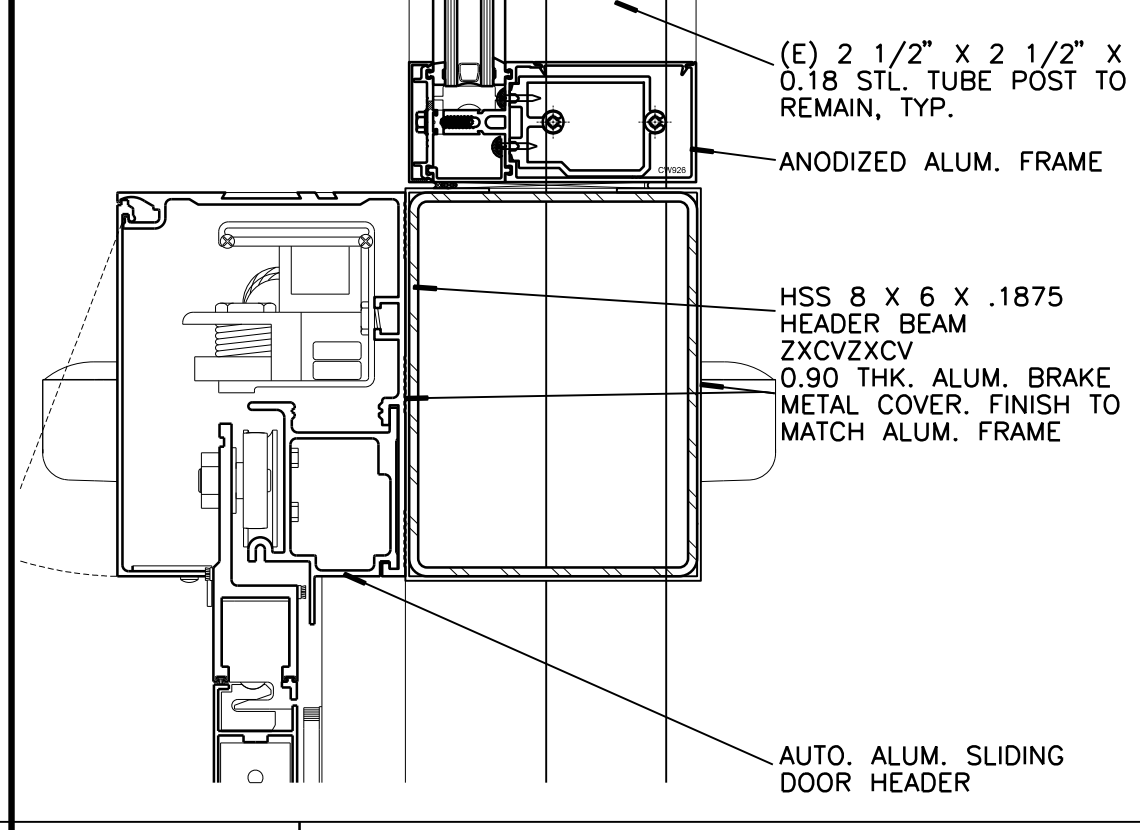
**D3 HEADER BEAM AT (E) POST**  
3" = 1'-0"



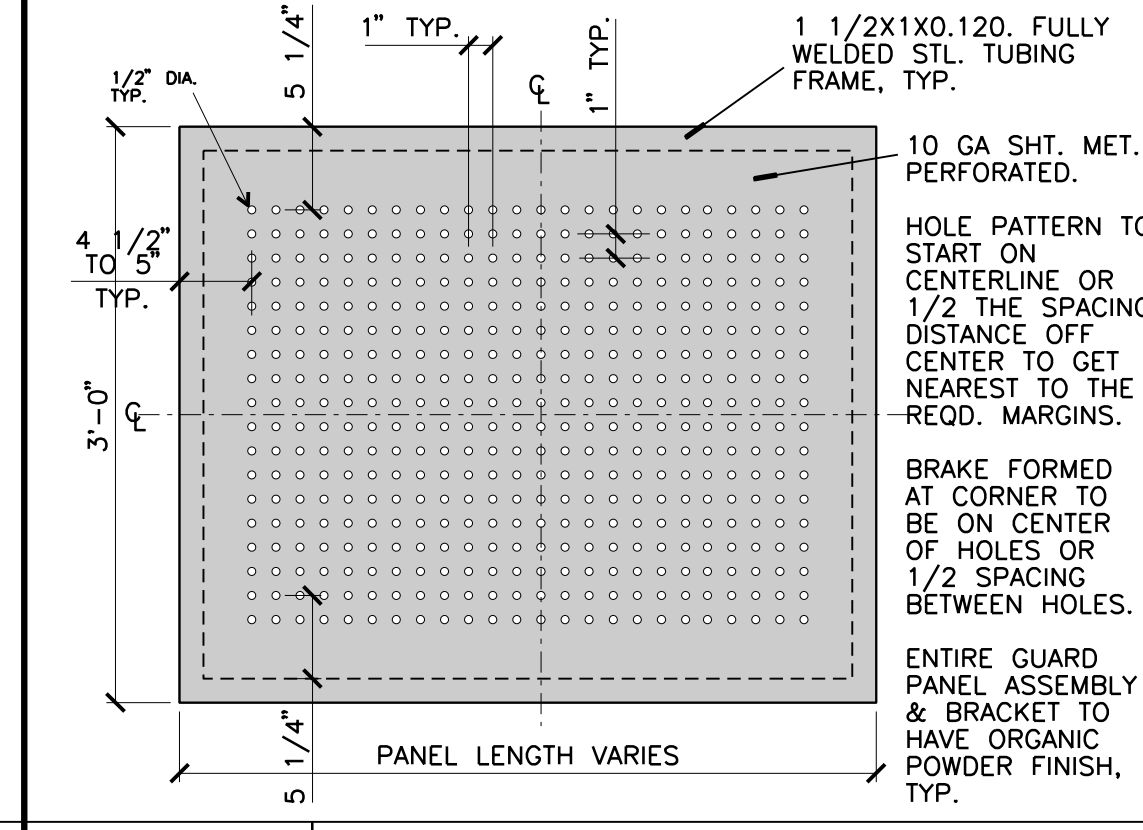
**C4 STEEL FRAMING SUPPORTS FOR ALUMINUM STOREFRONT & AUTO. SLIDING DOOR**  
3" = 1'-0"



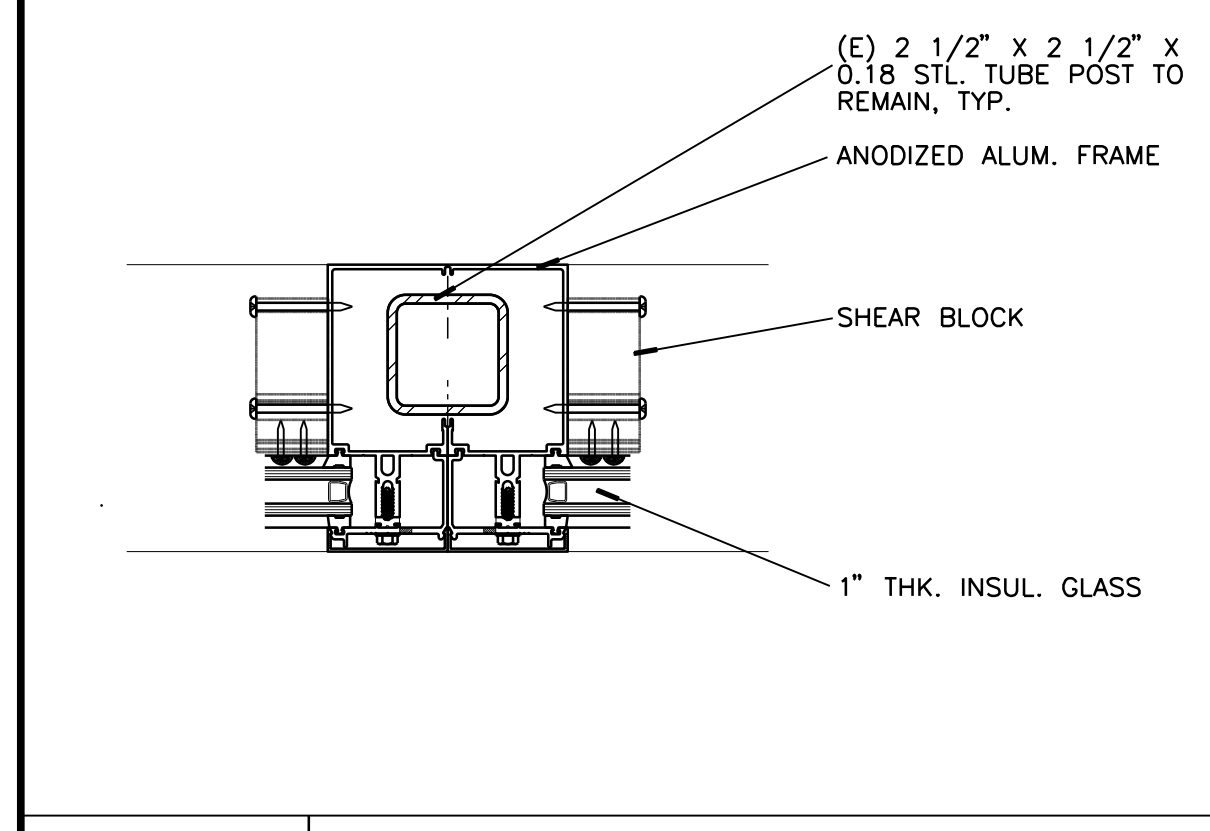
**C1 JAMB AT WALL**  
3" = 1'-0"



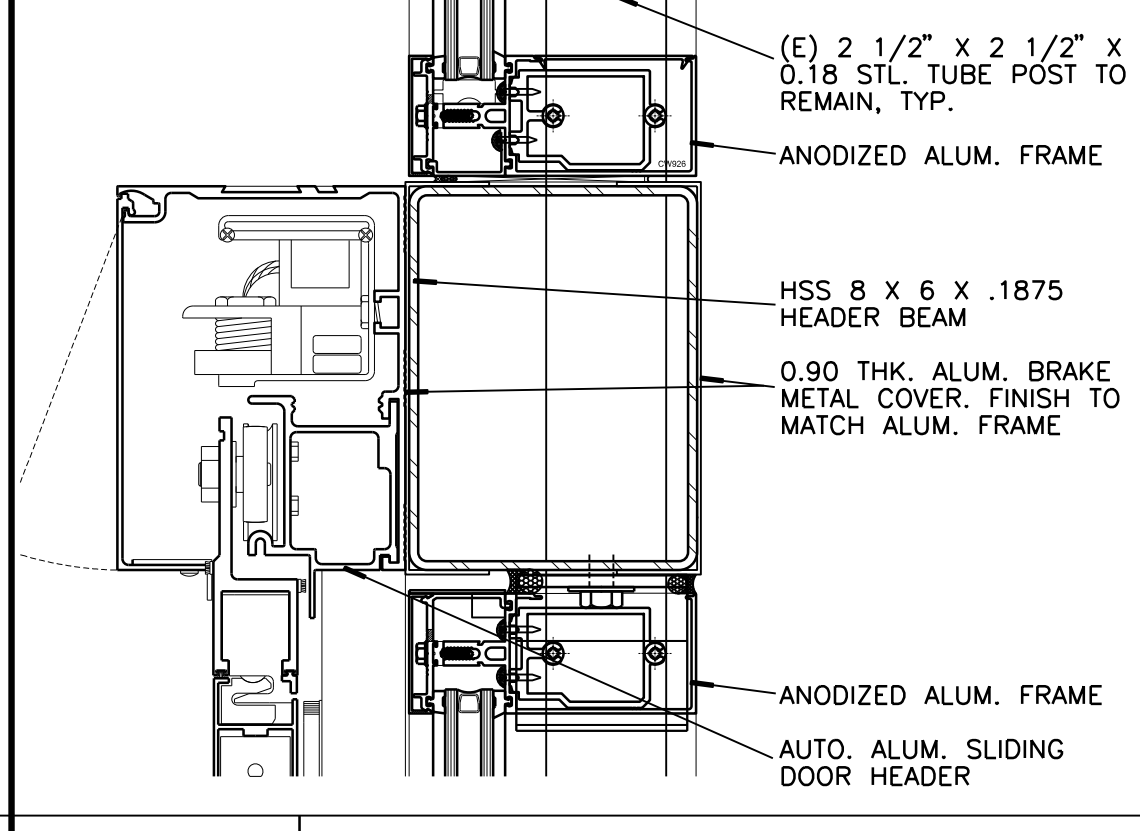
**C2 HEAD AT SLIDING DOOR OPENING**  
3" = 1'-0"



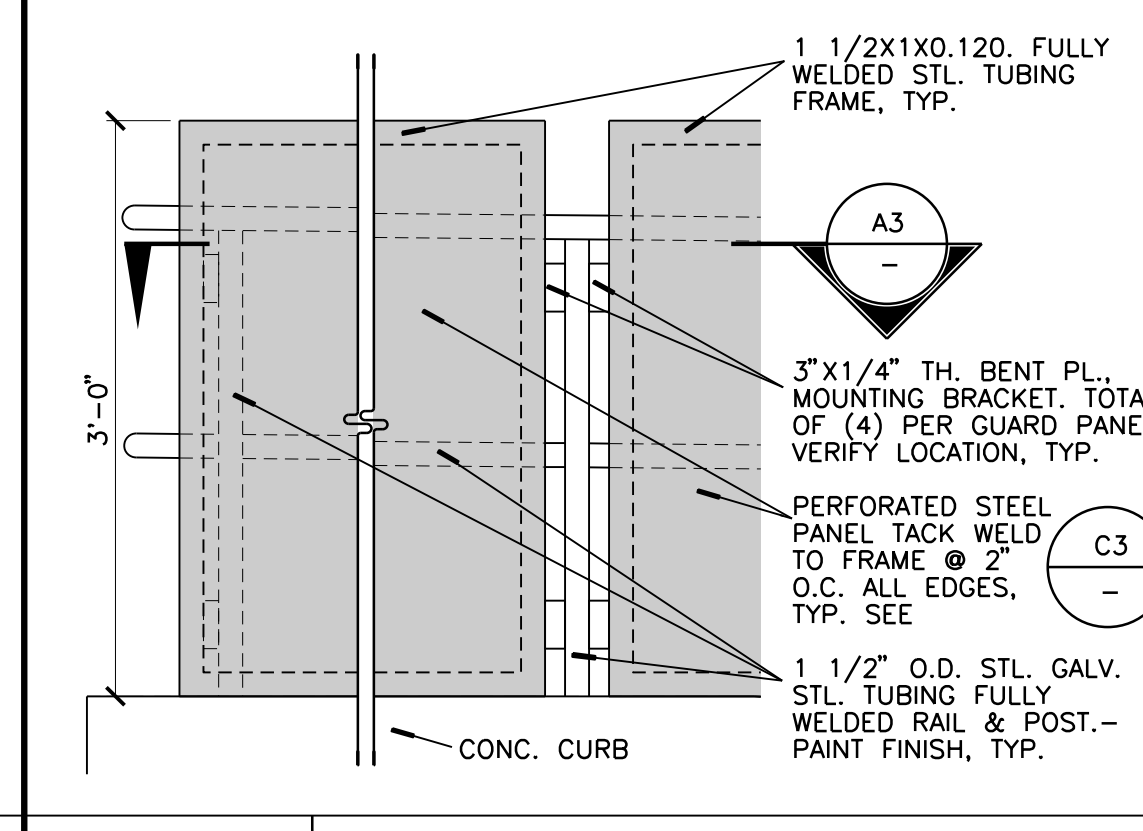
**C3 PERFORATED STEEL PANEL**  
3/4" = 1'-0" OUTSIDE VIEW



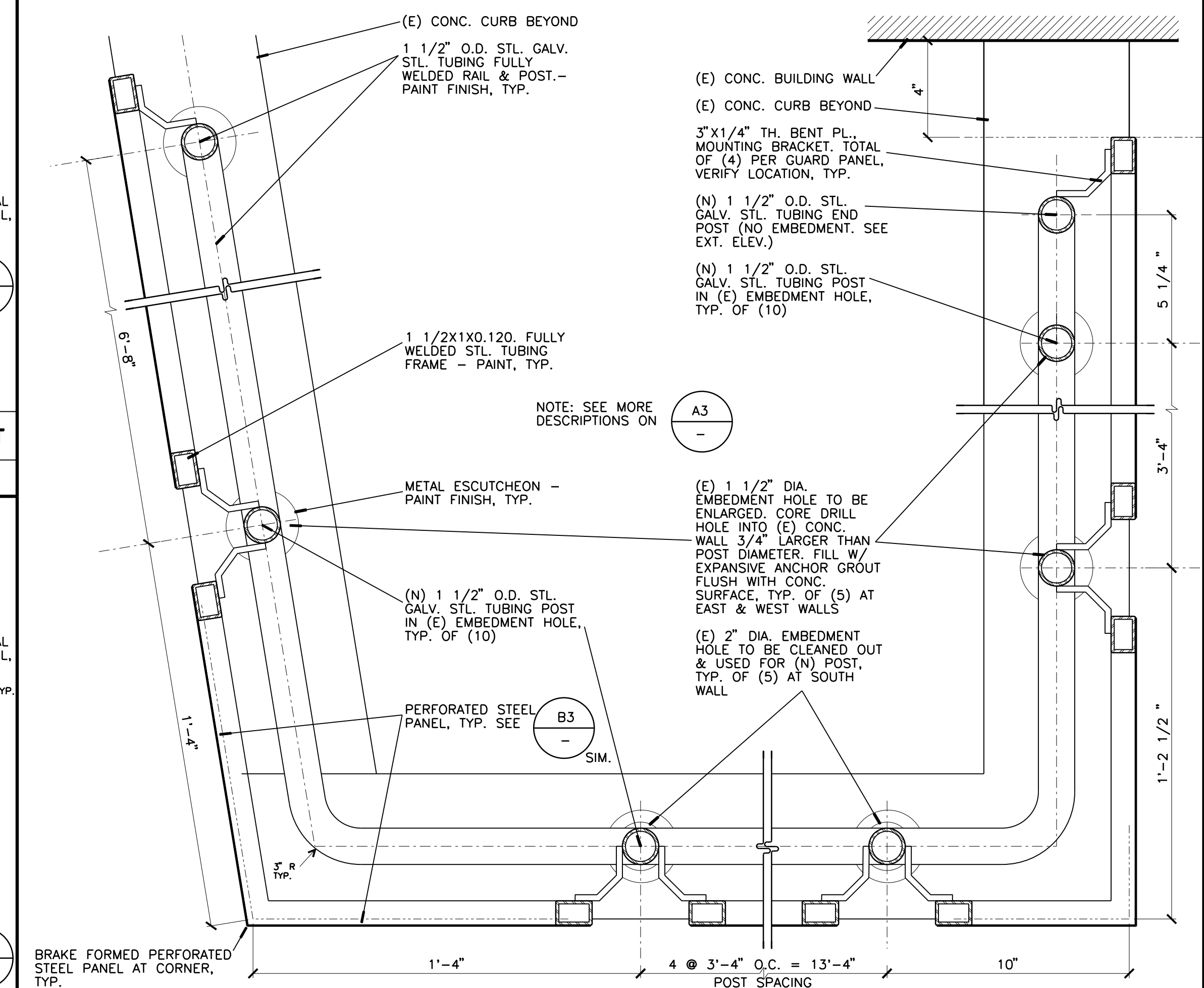
**B1 HORIZONTAL MULLION**  
3" = 1'-0"



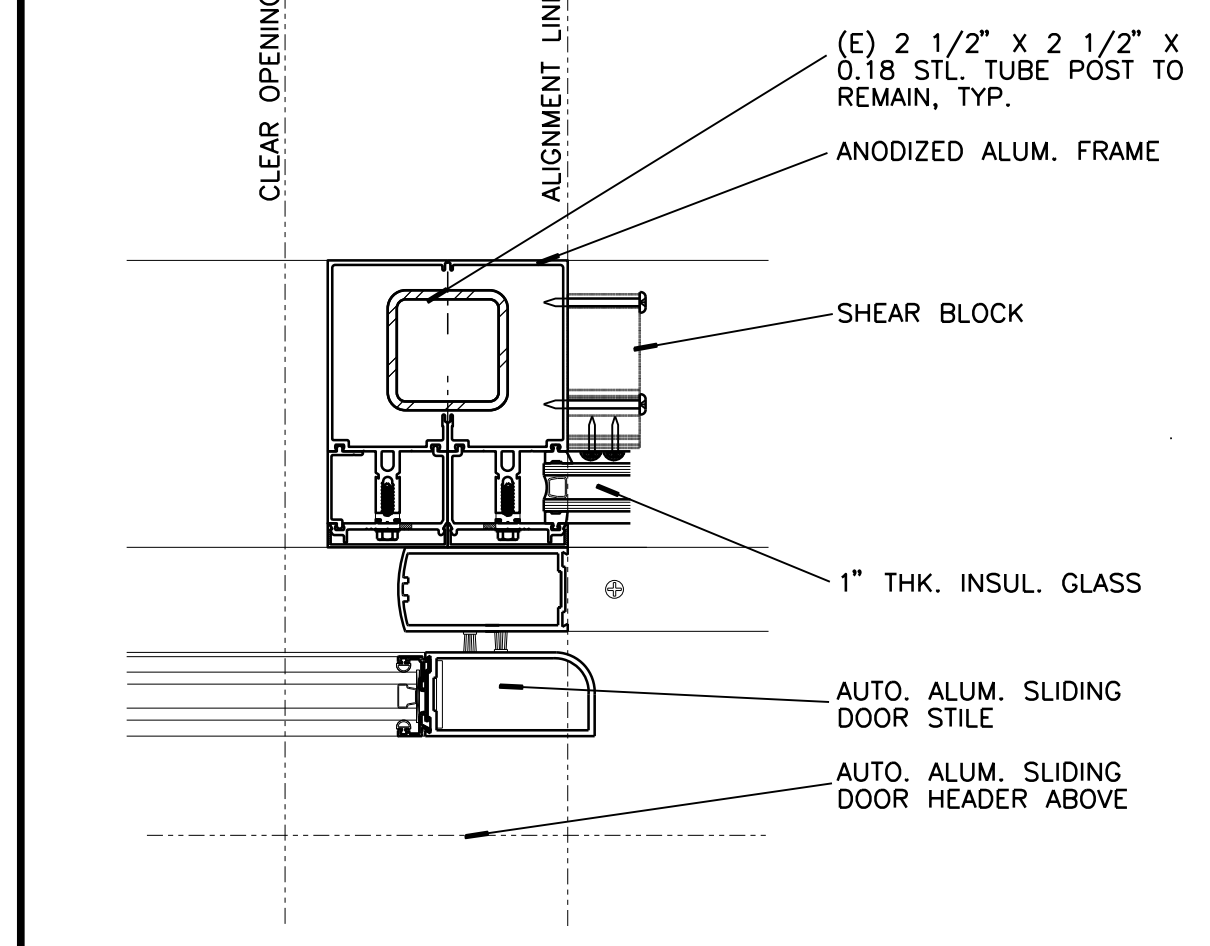
**B2 HEAD AT SLIDING DOOR OPENING**  
3" = 1'-0"



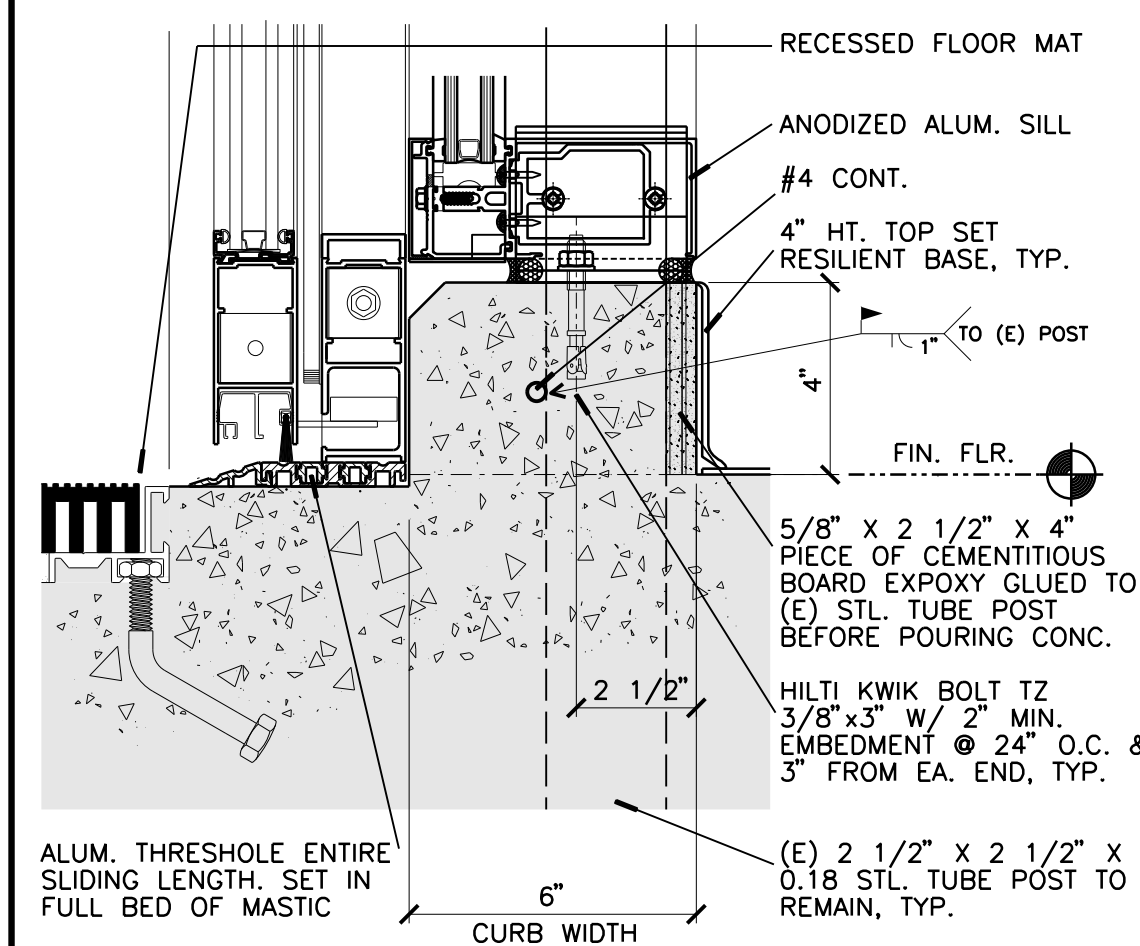
**B3 GUARD PANEL & MOUNTING BRACKET**  
3/4" = 1'-0" OUTSIDE VIEW



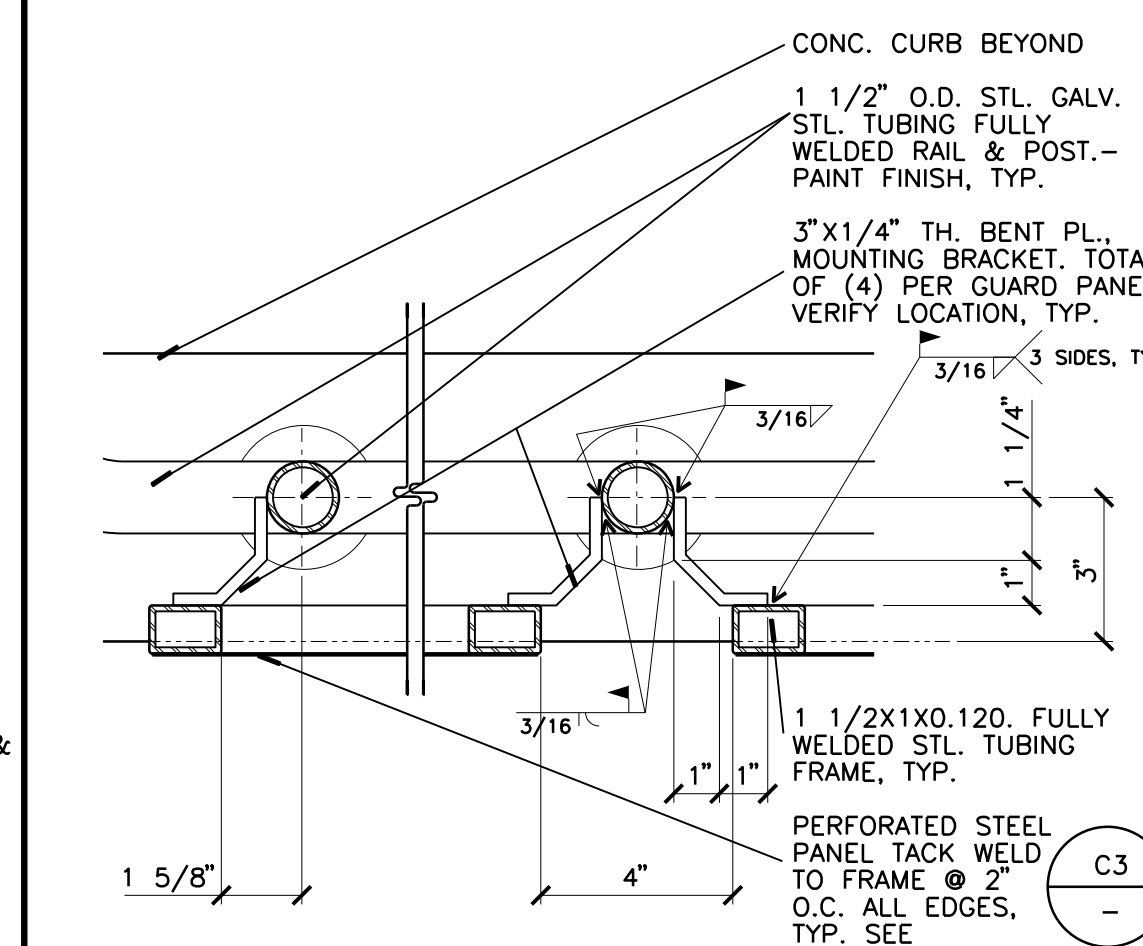
**A4 GUARD PANEL AT (E) CONC. RETAINING WALL**  
3" = 1'-0"



**A1 JAMB - DOOR**  
3" = 1'-0"



**A2 THRESHOLD AT SLIDING DOOR**  
3" = 1'-0"



**A3 GUARD PANEL & MOUNTING BRACKET**  
3" = 1'-0"

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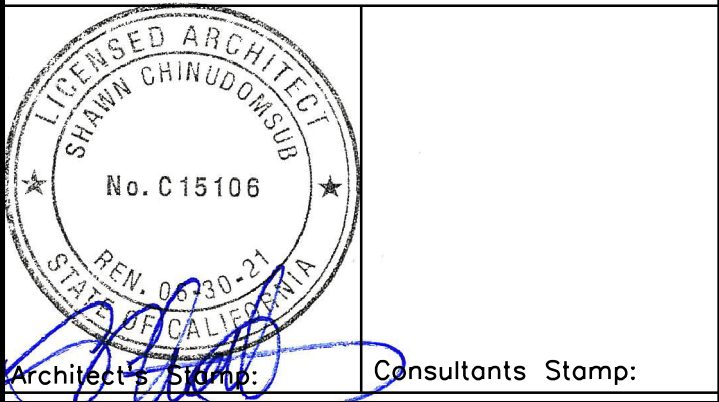
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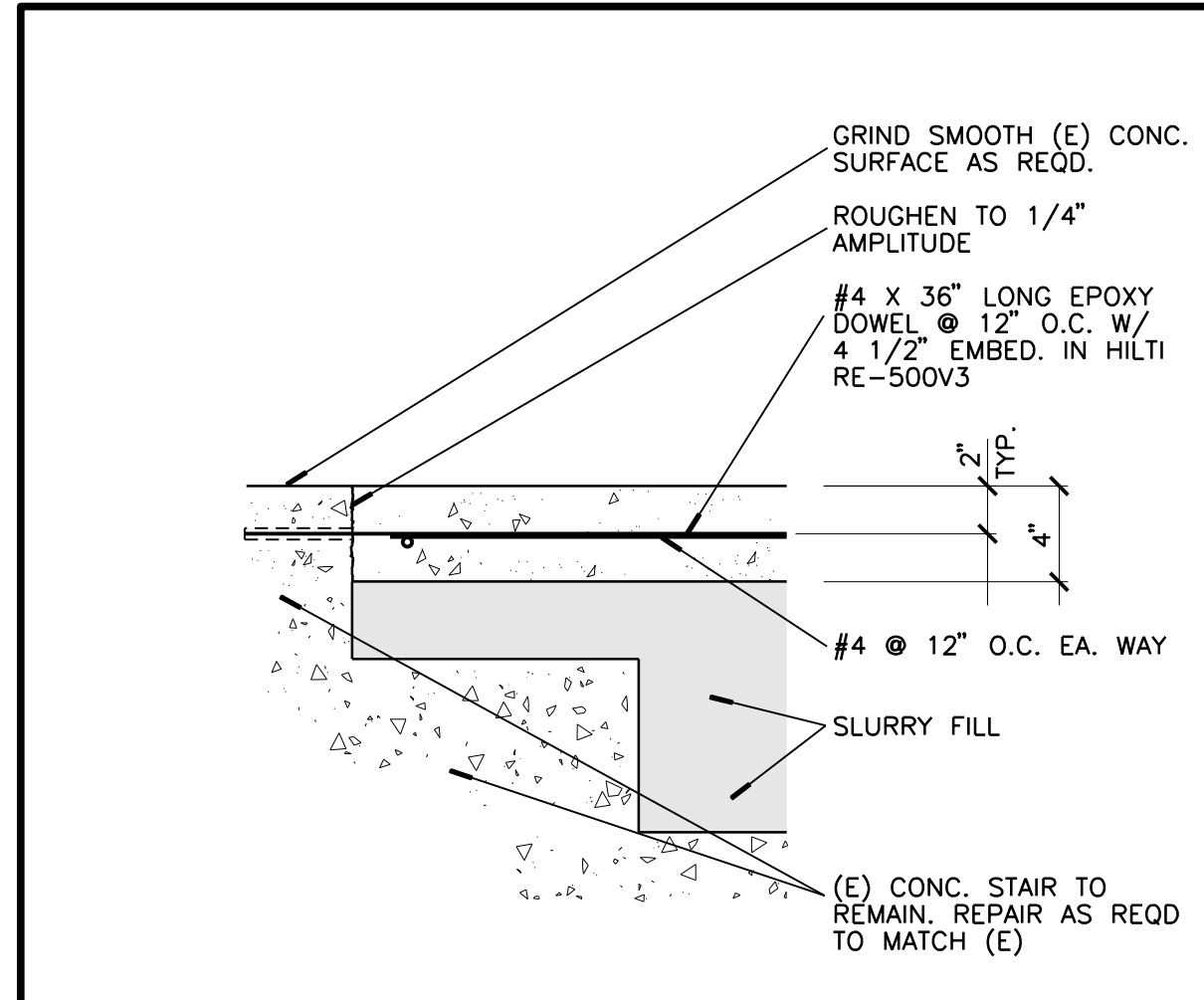
OFFICE OF ARCHITECTS & ENGINEERS  
1223 UNIVERSITY AVENUE, SUITE 240  
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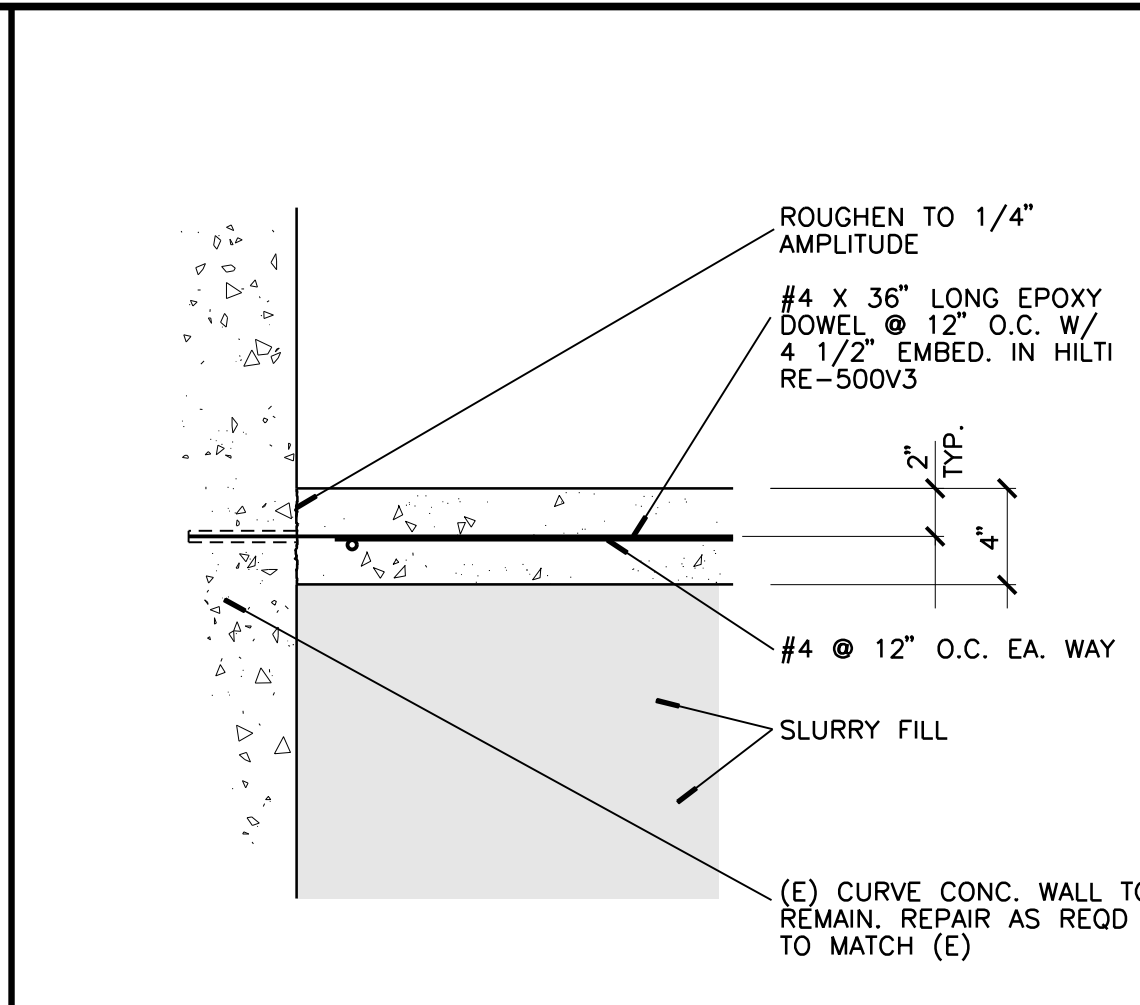
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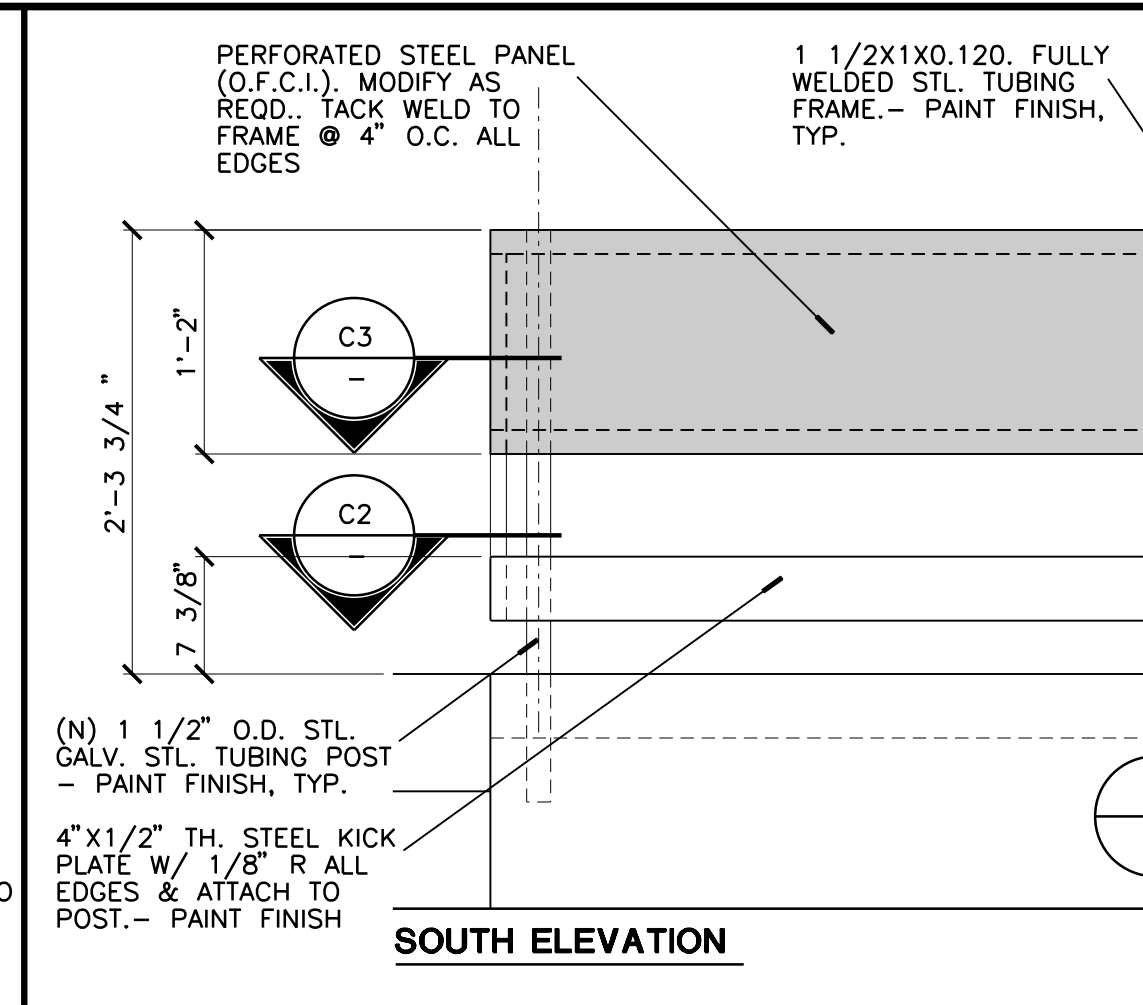
PROJECT TITLE  
**UCR DMFI PROJECTS 2019 PHYSICS 2000 RENEWAL**  
CONSTRUCTION DOCUMENTS



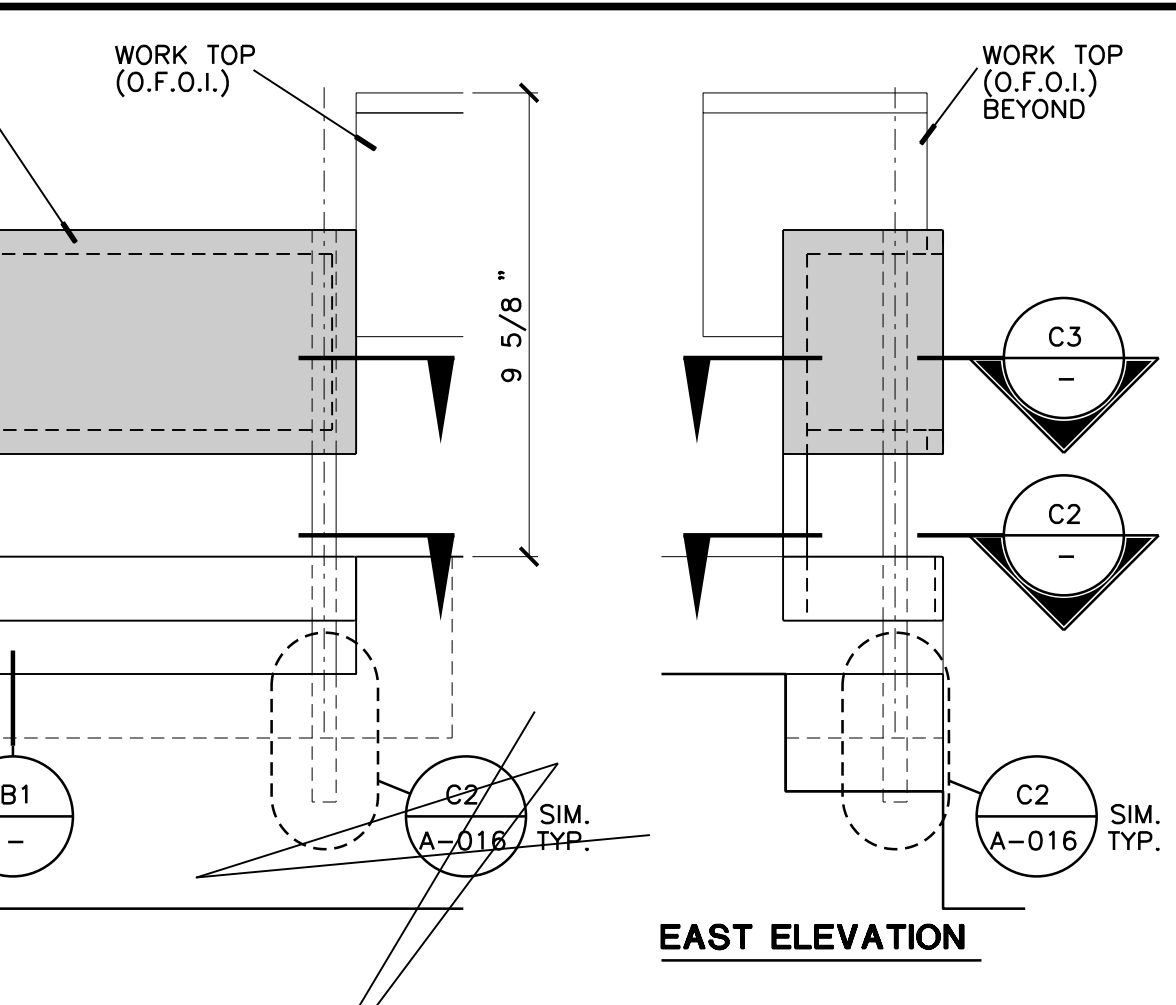
**D1** INTERIOR CONC. SLAB  
1 1/2" = 1'-0"



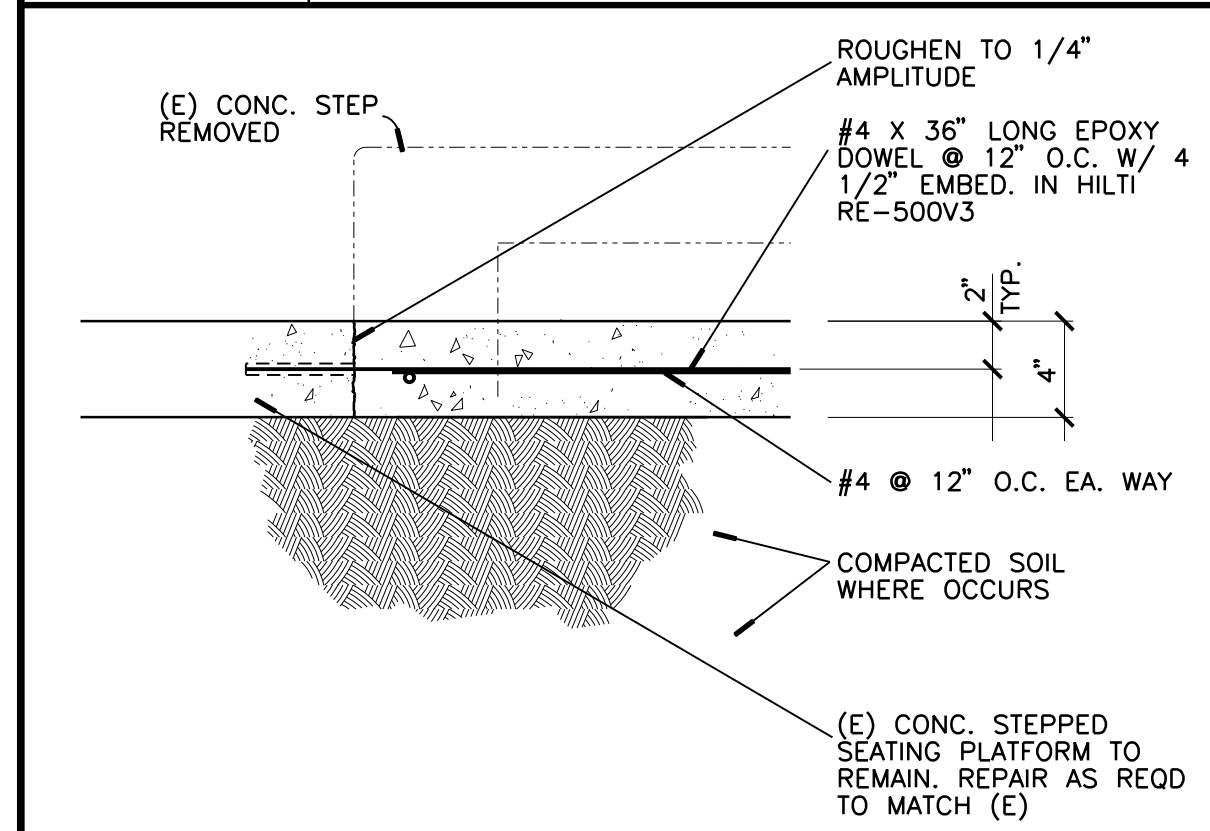
**D2** INTERIOR CONC. SLAB  
1 1/2" = 1'-0"



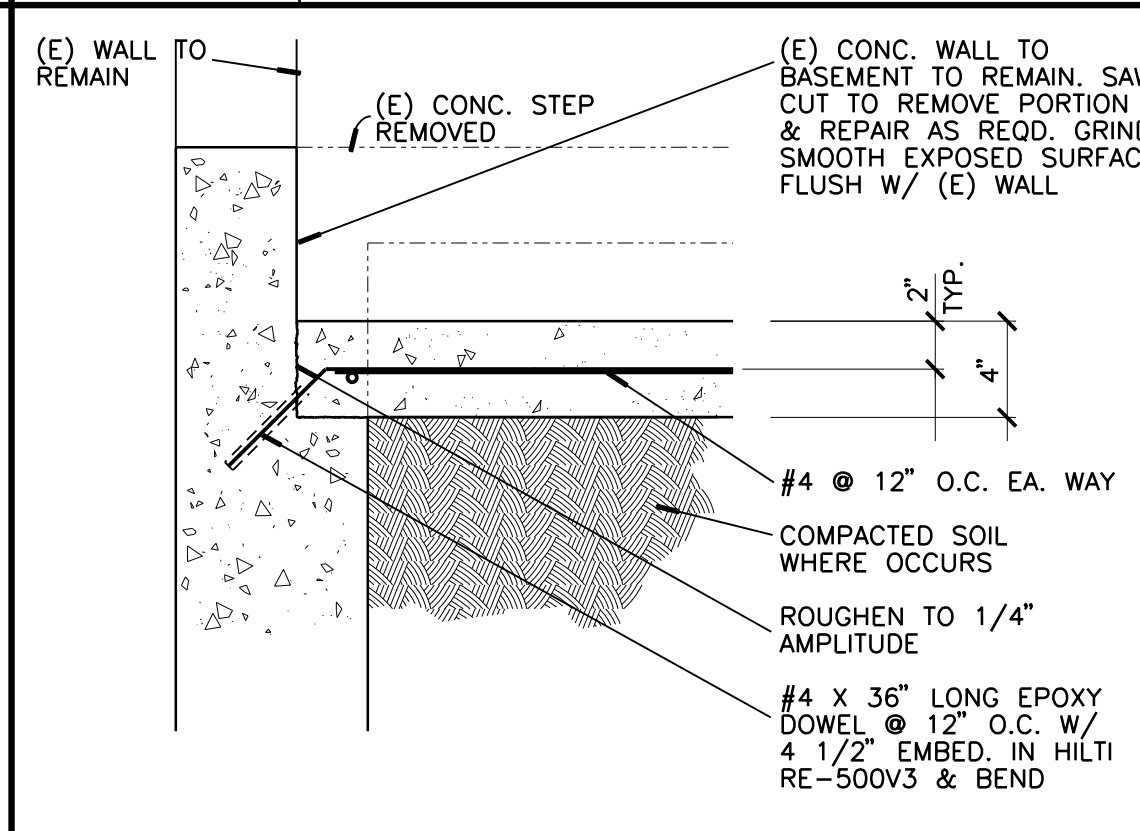
**D3** ACCESSIBLE SPACE RAILING & MODESTY PANEL  
3/4" = 1'-0" FRONT & SIDE VIEW



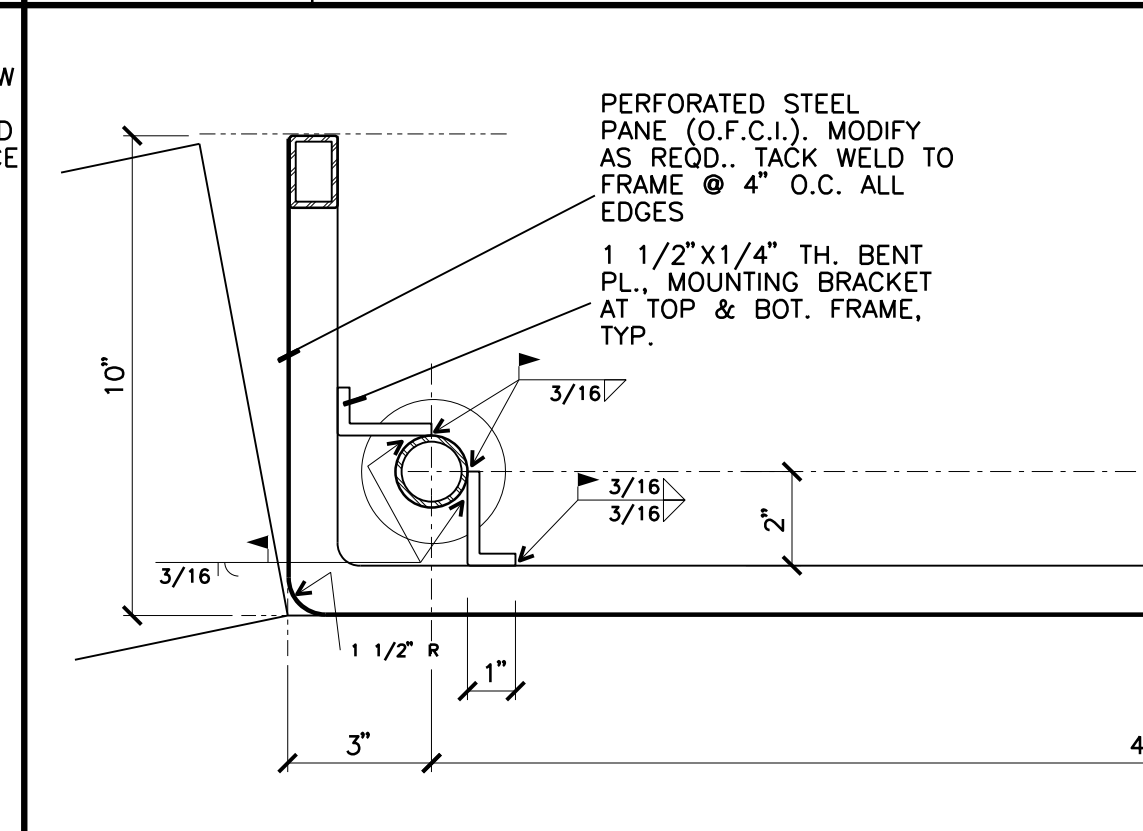
**D5** HEAD - JAMB SIMILAR  
3" = 1'-0"



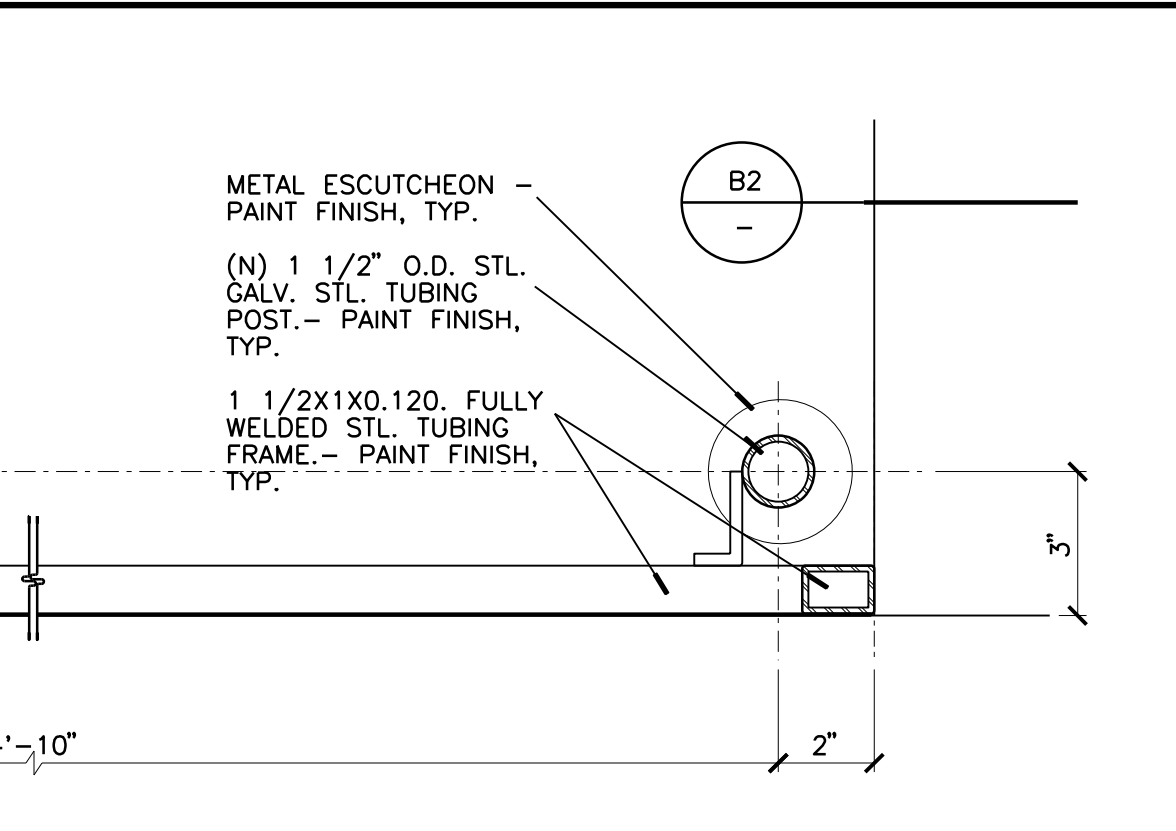
**C1** INTERIOR CONC. SLAB  
1 1/2" = 1'-0"



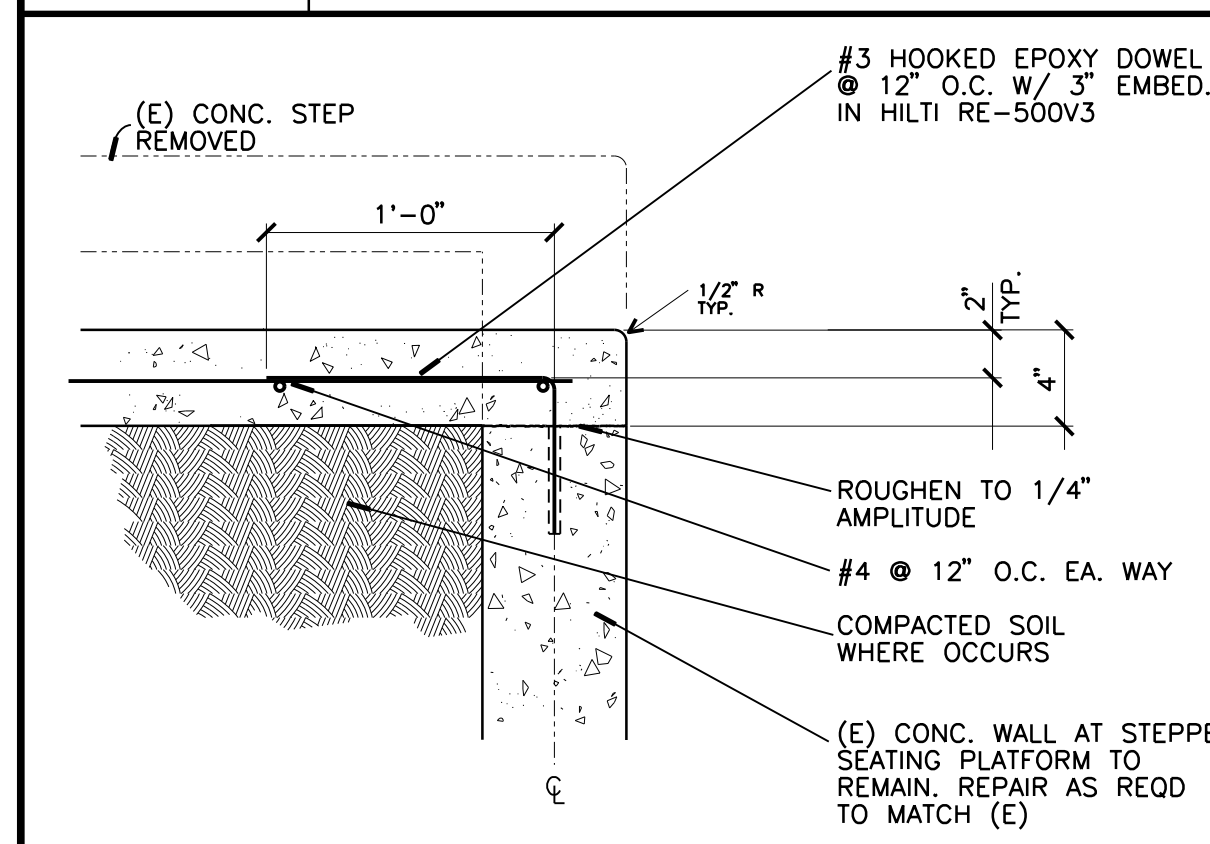
**C2** INTERIOR CONC. SLAB  
1 1/2" = 1'-0"



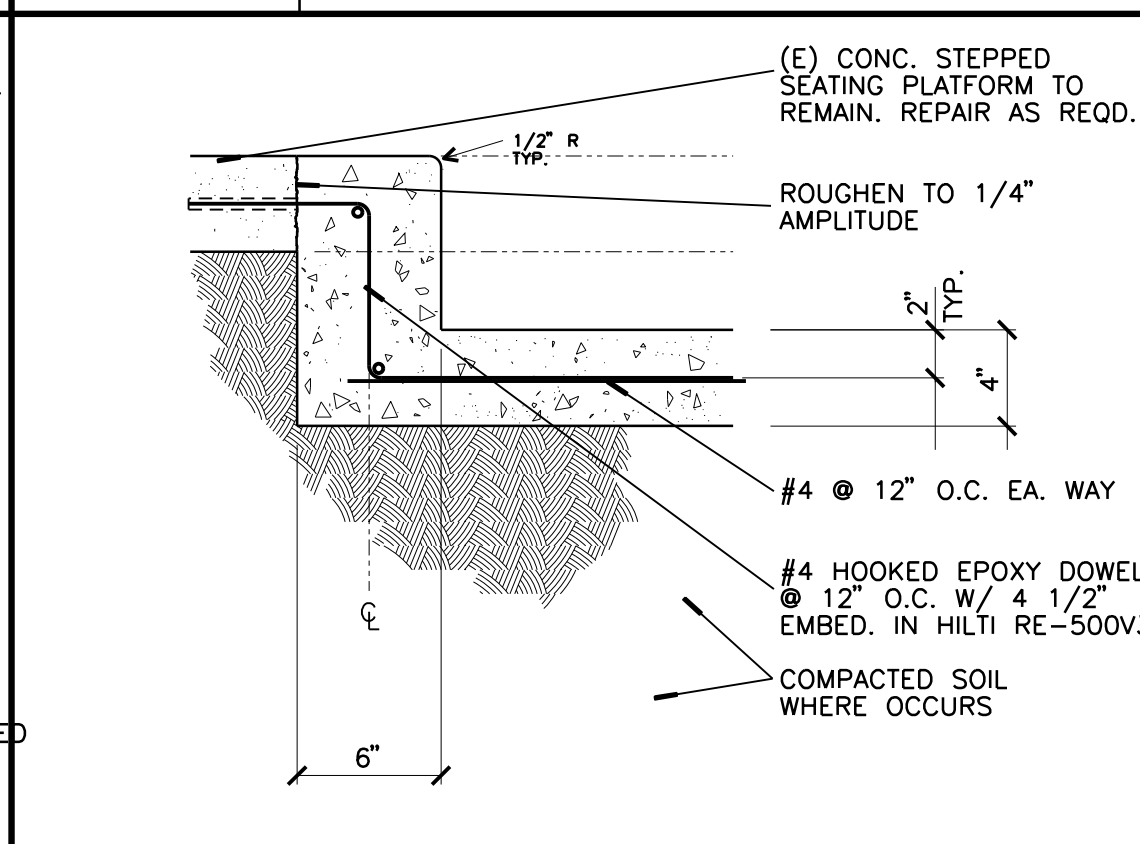
**C3** ACCESSIBLE SPACE RAILING & MODESTY PANEL  
3" = 1'-0" HORIZONTAL SECTION



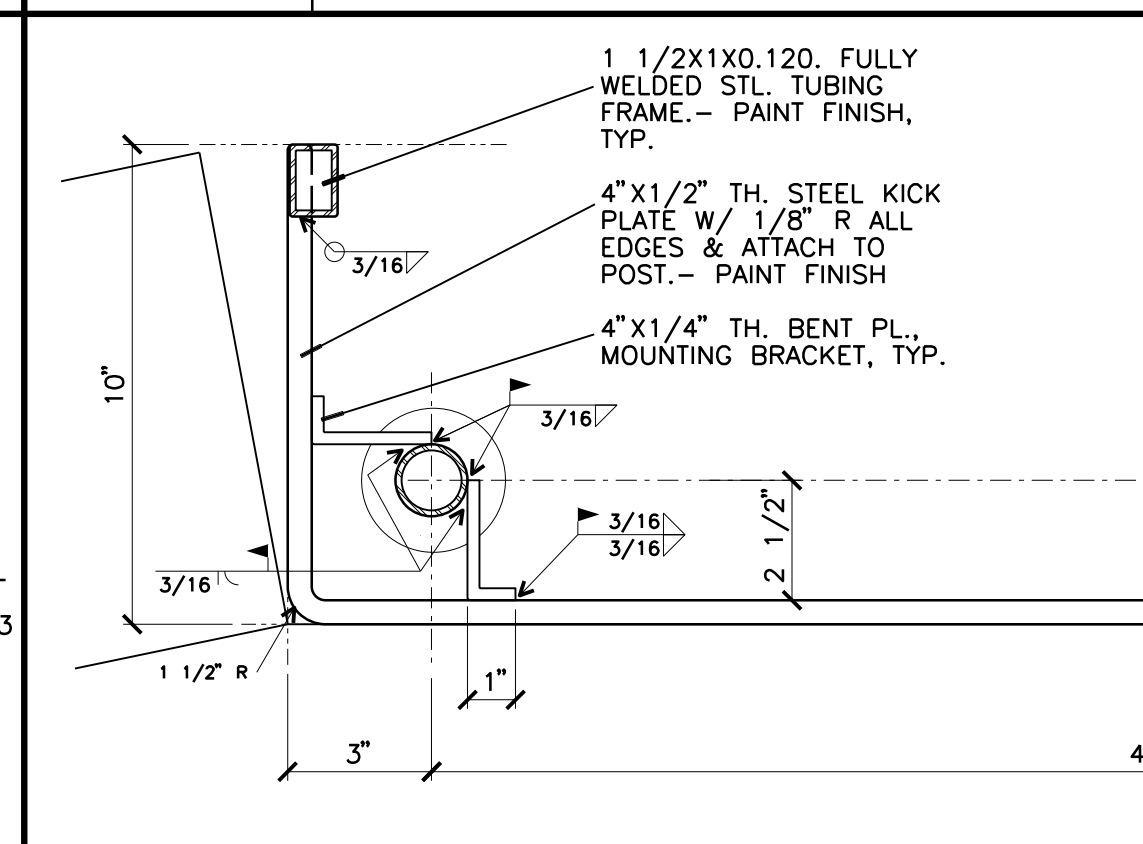
**C5** THRESHOLD - EXTERIOR  
3" = 1'-0"



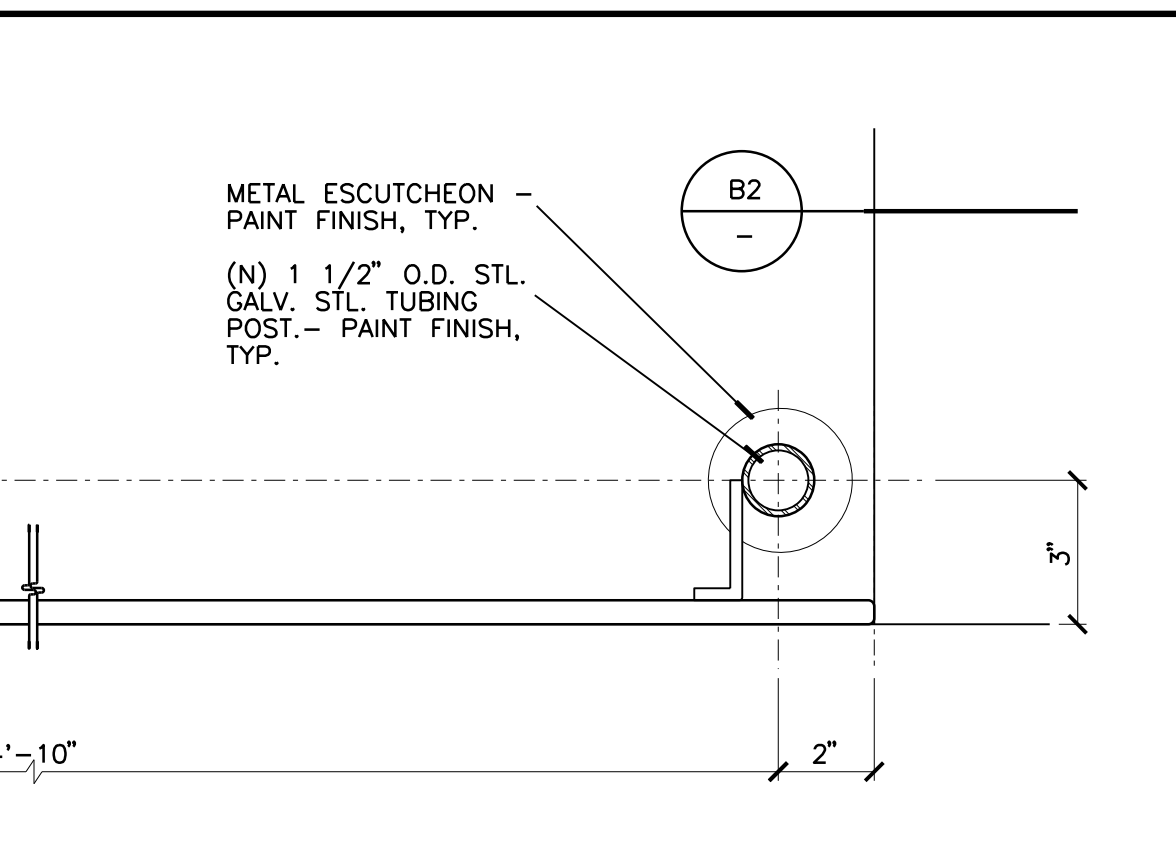
**B1** INTERIOR CONC. SLAB  
1 1/2" = 1'-0"



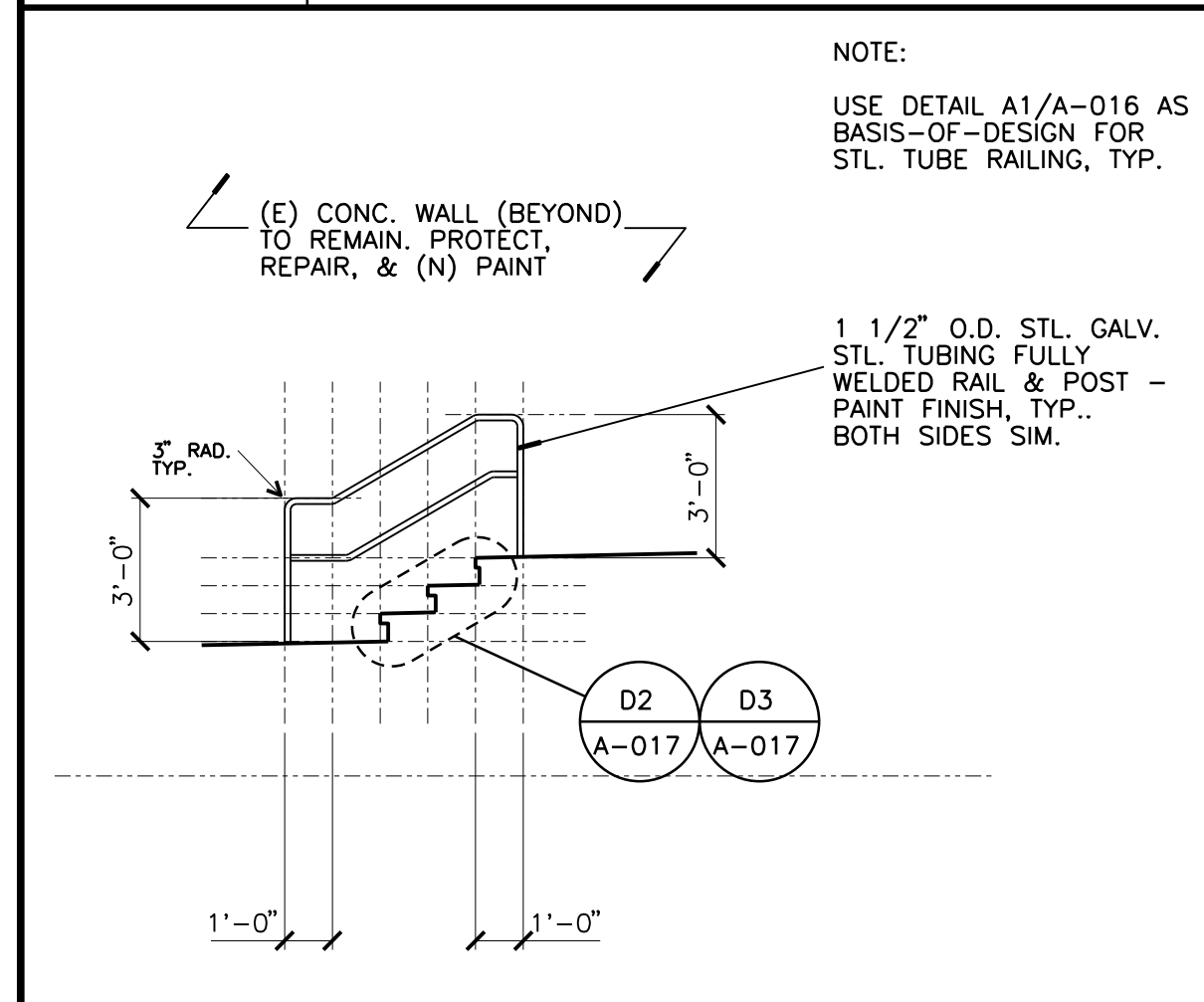
**B2** INTERIOR CONC. SLAB  
1 1/2" = 1'-0"



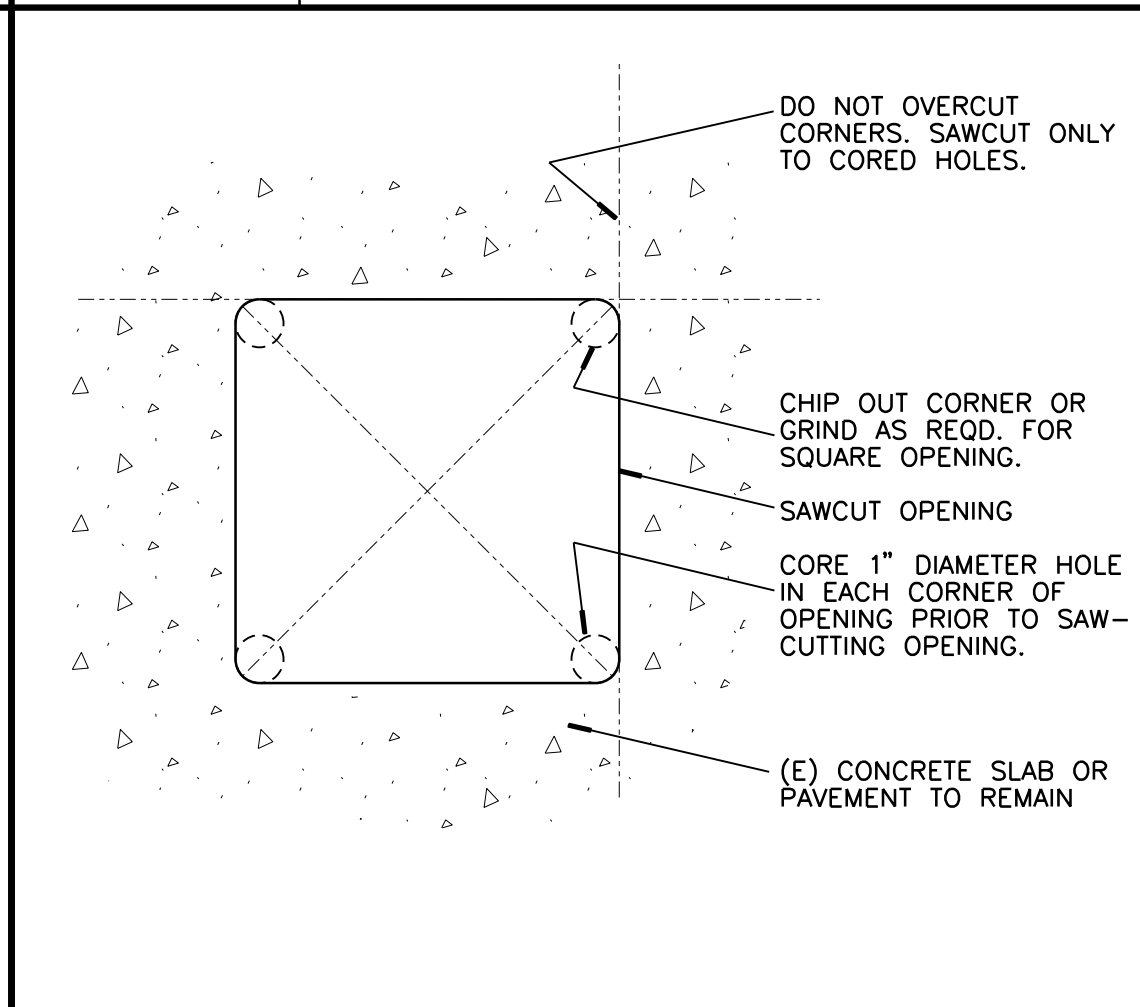
**B3** ACCESSIBLE SPACE RAILING & MODESTY PANEL  
3" = 1'-0" HORIZONTAL SECTION



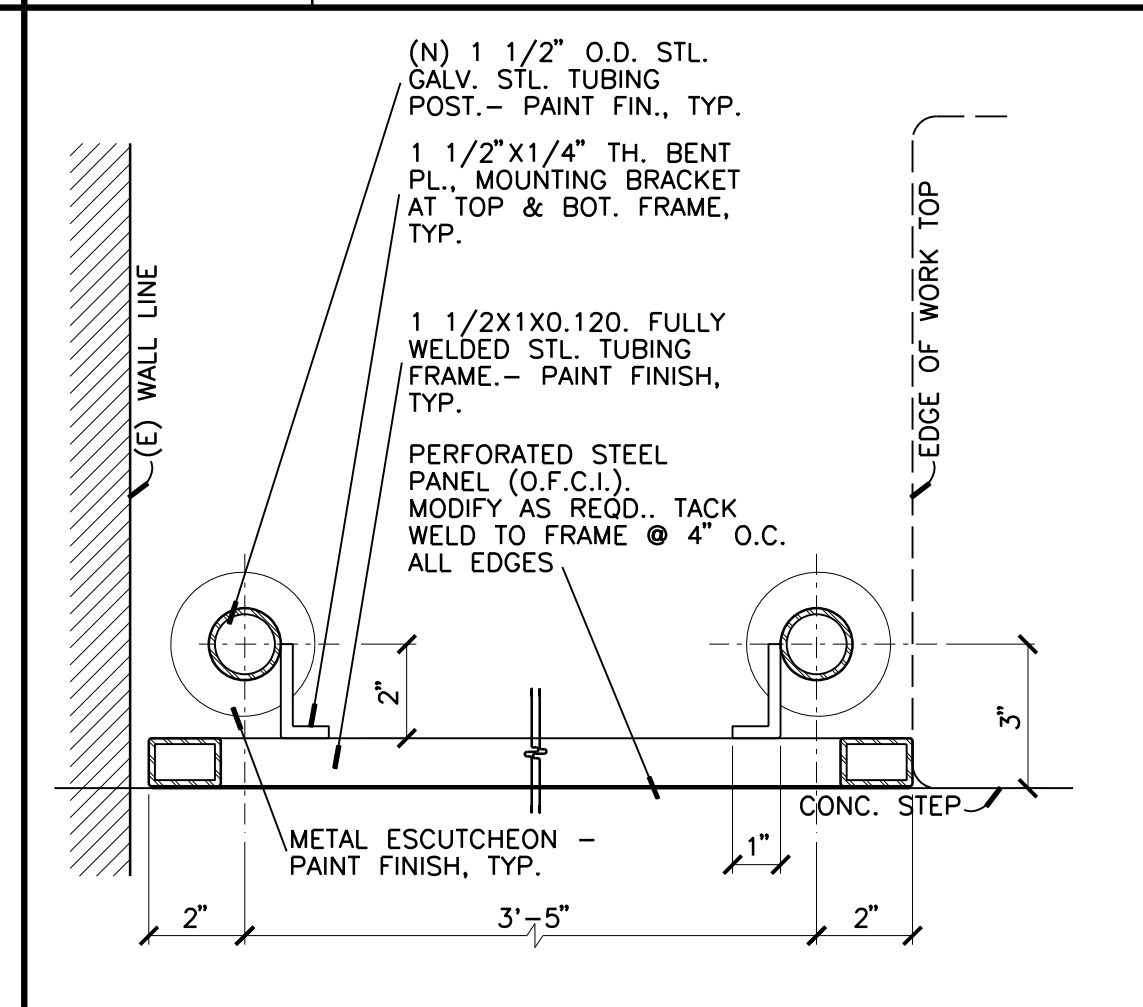
**B5** THRESHOLD - INTERIOR/EXTERIOR  
3" = 1'-0"



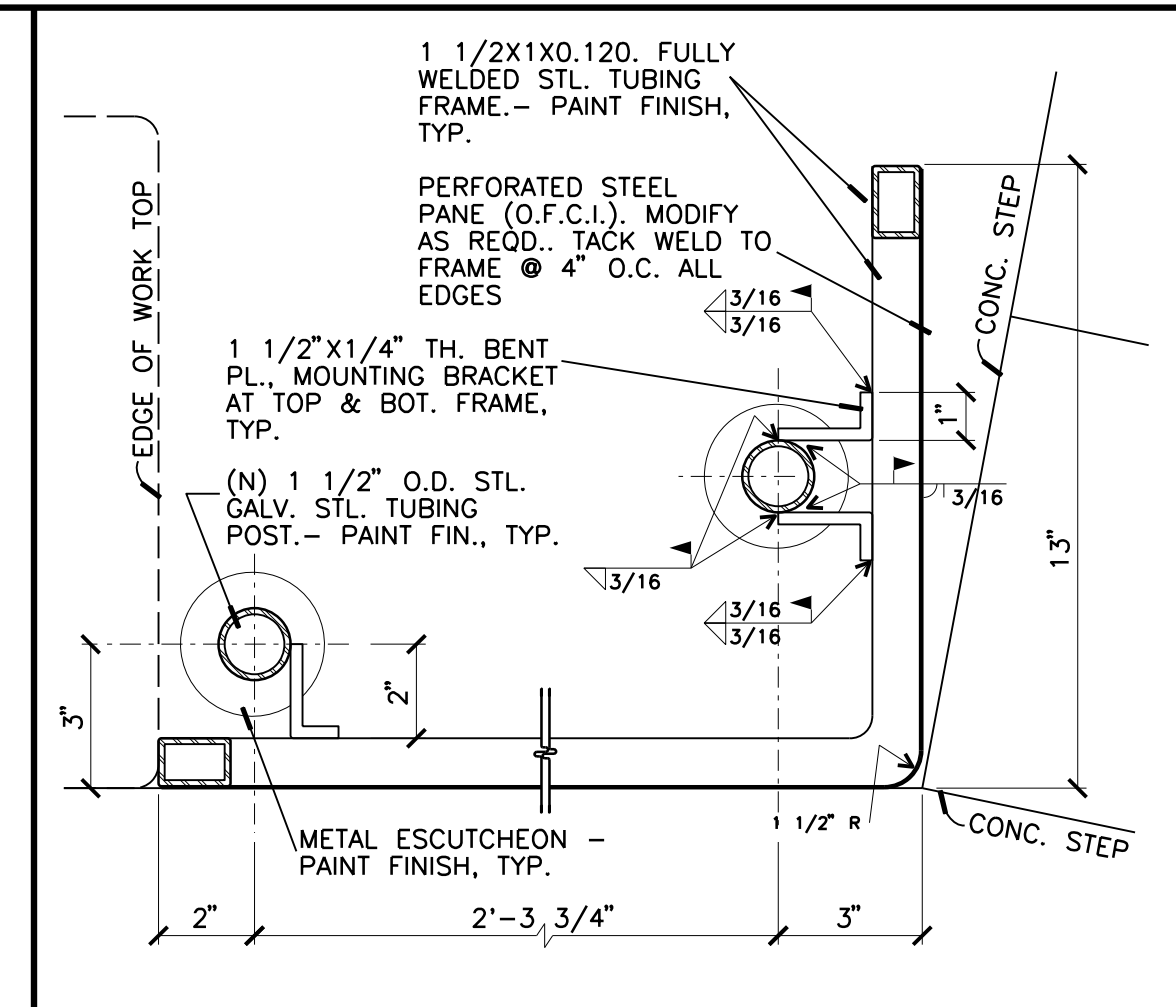
**A1** EXTERIOR ELEVATION  
1/4" = 1'-0"



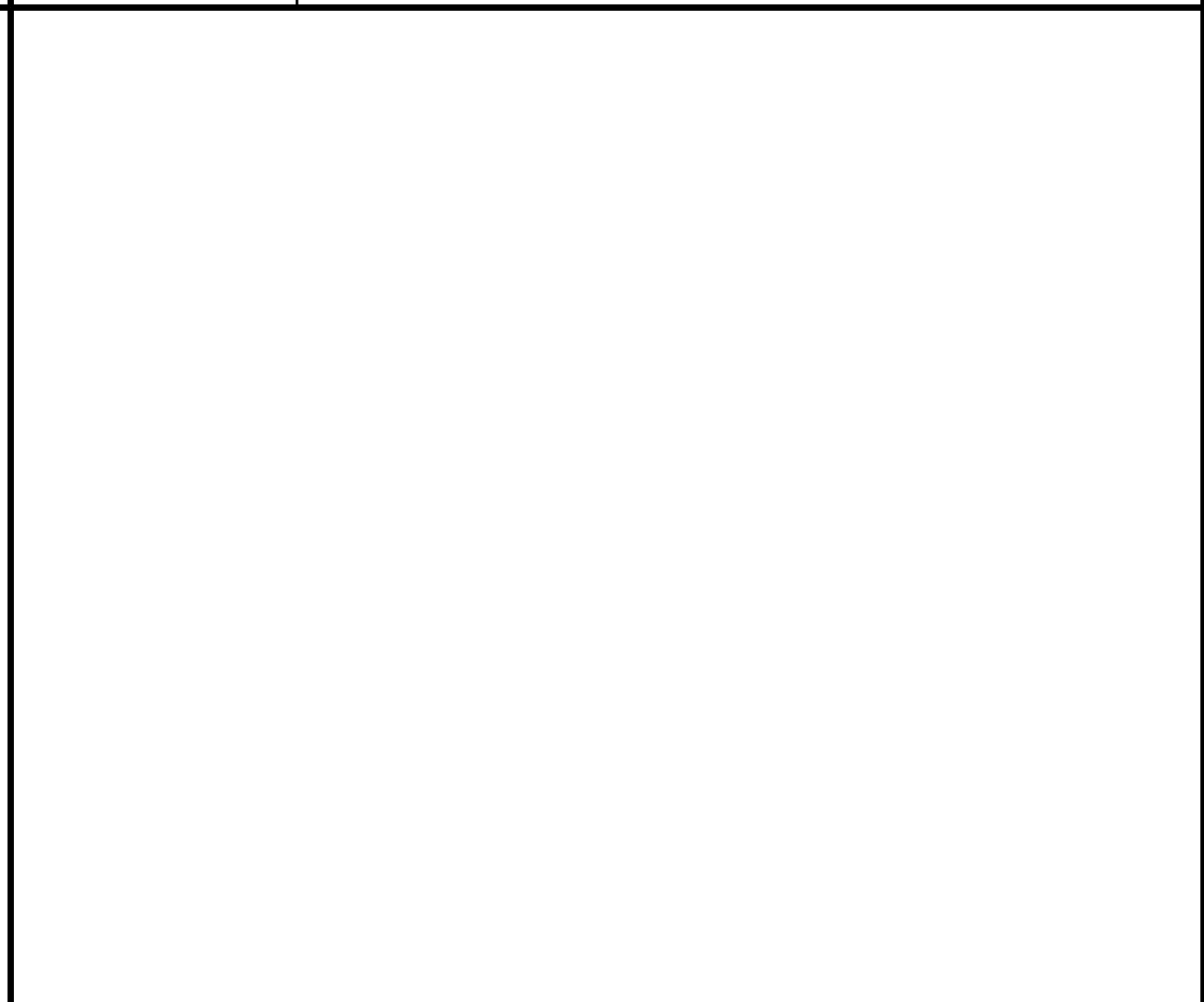
**A2** SAW CUT (E) CONC. - TYPICAL  
NONE



**A3** RAILING & MODESTY PANEL  
3" = 1'-0" HORIZONTAL SECTION



**A4** RAILING & MODESTY PANEL  
3" = 1'-0" HORIZONTAL SECTION



**A5** THRESHOLD - INTERIOR/EXTERIOR  
3" = 1'-0"

REVISIONS		
REV #	DESCRIPTION	DATE



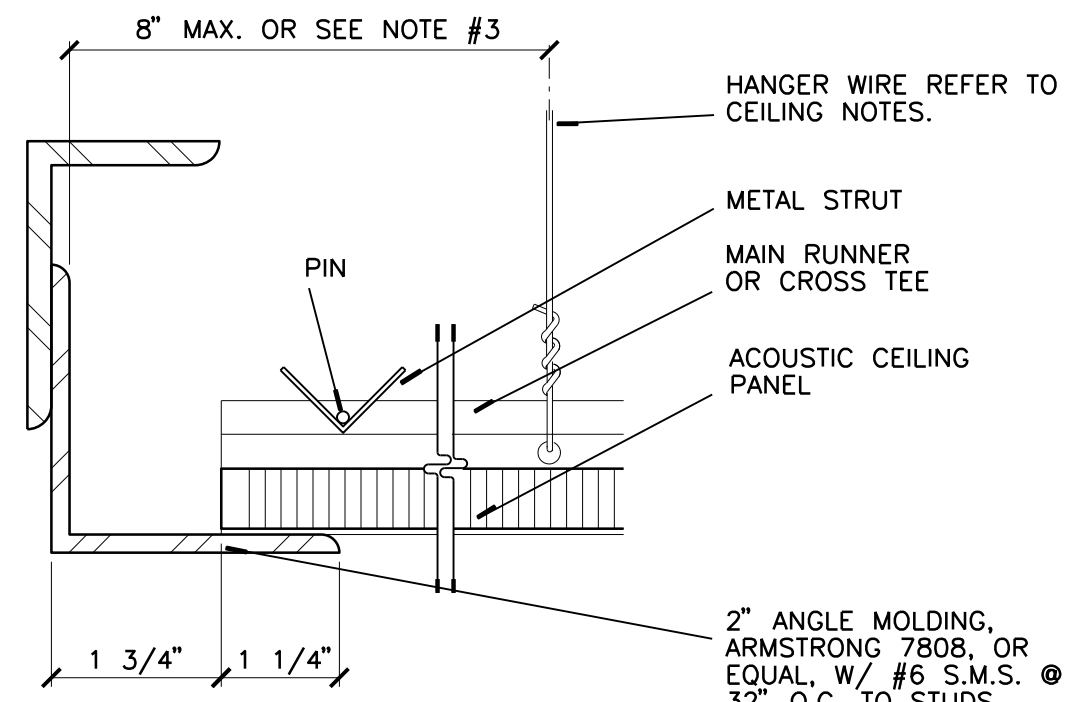
Consultants Data:

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UCR project manager	SCOTT DONNEL	
Scale	AS NOTED	sd approval
Drawn by	J.D.	jd approval
Checked by	S.C.	sc approval
UCR project no.	957443	construction release
Sheet No.	A-019	OF

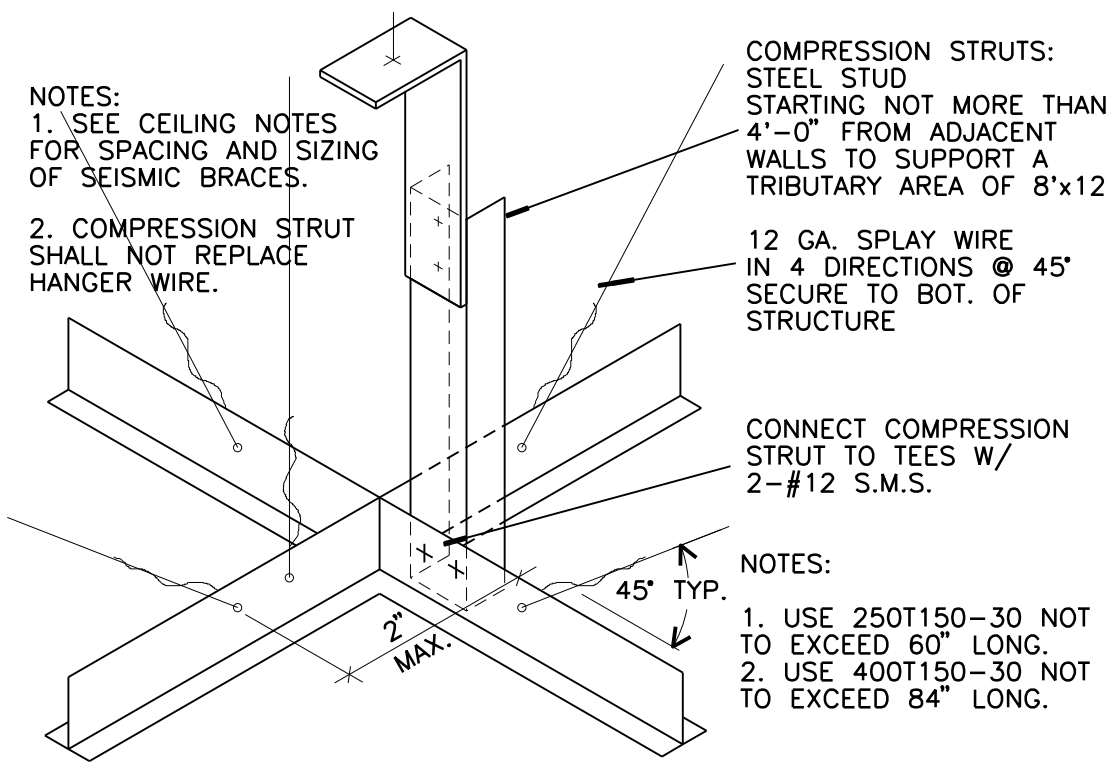
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THE FOLLOWING NOTES APPLY TO CEILING SYSTEMS WHOSE TOTAL WEIGHT INCLUDING CEILING MOUNTED AIR TERMINALS, SERVICES AND LIGHT FIXTURES DOES NOT EXCEED FOUR (4) PSF.

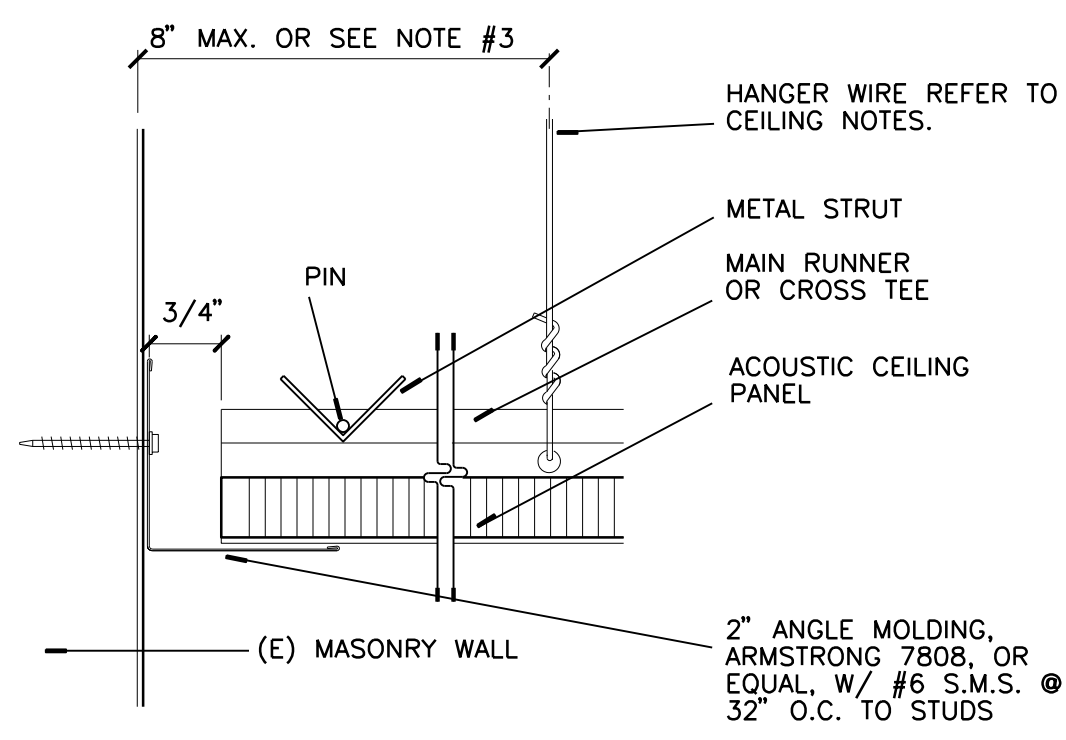
- 1. NO. 12 GAUGE WIRE SHALL BE 0.106 INCHES IN DIAMETER CONFORMING TO ASTM A641. NO. 12 GAUGE WIRE SHALL BE SOFT ANNEALED, GALVANIZED STEEL WIRE WITH A CLASS 1 COATING.
2. NO. 12 GAUGE (MIN.) HANGER WIRES MAY BE USED FOR UP TO AND INCLUDING 4 FEET BY 4 FEET GRID SPACING AND SHALL BE ATTACHED TO MAIN RUNNERS.
3. PROVIDE NO. 12 GAUGE HANGER WIRES AT THE ENDS OF ALL MAIN AND CROSS RUNNERS WITHIN EIGHT (8) INCHES OF THE SUPPORT OR WITHIN ONE-FOURTH (1/4) OF THE LENGTH OF THE END TEE, WHICHEVER IS LEAST. FOR THE PERIMETER OF THE CEILING AREA, PERIMETER WIRES ARE NOT REQUIRED WHEN THE LENGTH OF THE END TEE IS EIGHT (8) INCHES OR LESS.
4. PROVIDE TRAPEZOIDAL OR OTHER SUPPLEMENTARY SUPPORT MEMBERS AT OBSTRUCTIONS TO TYPICAL HANGER SPACING. PROVIDE ADDITIONAL HANGERS, STRUTS OR BRACES AS REQUIRED AT ALL CEILING BREAKS, SOFFITS, OR DISCONTINUOUS AREAS. HANGER WIRES THAT ARE MORE THAN 1 (HORIZONTAL) IN 6 (VERTICAL) OUT OF PLUMB ARE TO HAVE COUNTER-SLOPING WIRES.
5. CEILING GRID MEMBERS SHALL BE ATTACHED TO NOT MORE THAN TWO (2) ADJACENT WALLS. CEILING GRID MEMBERS SHOULD BE AT LEAST 3/4 INCH FREE OF OTHER WALLS. IF WALLS RUN DIAGONALLY TO CEILING GRID SYSTEM RUNNERS, ONE END OF MAIN AND CROSS RUNNERS SHOULD BE FREE, AND A MINIMUM OF 3/4 INCH CLEAR OF WALL.
6. THE WIDTH OF THE PERIMETER SUPPORTING CLOSURE ANGLE SHALL BE NOT LESS THAN 2 INCHES.
7. AT THE PERIMETER OF THE CEILING AREA WHERE MAIN OR CROSS RUNNERS ARE NOT CONNECTED TO THE ADJACENT WALL, PROVIDE INTERCONNECTION BETWEEN THE RUNNERS AT THE FREE END TO PREVENT LATERAL SPREADING. A METAL STRUT OR A NO. 16 GAUGE WIRE WITH A POSITIVE MECHANICAL CONNECTION TO THE RUNNER MAY BE USED, WHERE THE PERPENDICULAR DISTANCE FROM THE WALL TO THE FIRST PARALLEL RUNNER IS 12 INCHES OR LESS, THIS INTERLOCK IS NOT REQUIRED.
8. EXPANSION JOINTS SHALL BE PROVIDED IN THE CEILING AT INTERSECTIONS OF CORRIDORS AND AT JUNCTIONS OF CORRIDORS WITH LOBBIES OR OTHER SIMILAR AREAS.
9. PROVIDE LATERAL-FORCE BRACING ASSEMBLIES CONSISTING OF A COMPRESSION STRUT AND FOUR (4) NO. 12 GAUGE SPLAYED BRACING WIRES ORIENTED 90 DEGREES FROM EACH OTHER AT THE FOLLOWING SPACING:
a) PLACE SETS OF BRACING WIRES NOT MORE THAN 8 FEET BY 12 FEET ON CENTER.
b) PROVIDE BRACING WIRES AT LOCATIONS NOT MORE THAN ONE HALF (1/2) THE SPACING GIVEN IN (a) ABOVE IN EACH DIRECTION FROM EACH PERIMETER WALL AND AT THE EDGES OF ANY CHANGE IN ELEVATION OF THE CEILING. THE SLOPE OF BRACING WIRES SHALL NOT EXCEED 45 DEGREES FROM THE PLANE OF THE CEILING AND WIRES SHOULD BE TAUT WITHOUT CAUSING THE CEILING TO LIFT. SPLICES IN BRACING WIRES ARE NOT PERMITTED.
10. COMPRESSION STRUTS SHALL NOT BE MORE THAN 1 (HORIZONTAL) IN 6 (VERTICAL) OUT OF PLUMB.
11. SUSPENDED ACOUSTICAL CEILING SYSTEMS WITH A CEILING AREA OF 144 SQUARE FEET OR LESS, AND FIRE RATED SUSPENDED ACOUSTICAL CEILING SYSTEMS WITH A CEILING AREA OF 96 SQUARE FEET OR LESS, SURROUNDED BY WALLS WHICH CONNECT DIRECTLY TO THE STRUCTURE ABOVE OR WALLS INDEPENDENTLY BRACED ABOVE CEILING TO STRUCTURE ABOVE, DO NOT REQUIRE BRACING ASSEMBLIES WHEN ATTACHED TO TWO ADJACENT WALLS.
12. FOR CEILING AREAS EXCEEDING 2500 SQUARE FEET A SEISMIC SEPARATION JOINT SHALL BE PROVIDED TO DIVIDE THE CEILING INTO AREAS NOT EXCEEDING 2500 SQUARE FEET. ALTERNATIVELY, STRUCTURAL ANALYSIS SHALL BE PERFORMED TO DEMONSTRATE COMPLIANCE WITH 2010 CBC SECTION 1615A.1.16.
13. PENETRATIONS THROUGH THE CEILING FOR SPRINKLER HEADS AND OTHER SIMILAR DEVICES THAT ARE NOT INTEGRALLY TIED TO THE CEILING SYSTEM IN THE LATERAL DIRECTION SHALL HAVE TWO (2) INCH OVERSIZED RING, SLEEVE OR ADAPTER THROUGH THE CEILING TILE TO ALLOW FREE MOVEMENT OF ONE (1) INCH IN ALL HORIZONTAL DIRECTIONS. ALTERNATIVELY, SWING JOINTS MAY BE PROVIDED PER 2010 CBC SECTION 1615A.1.16.
14. FASTEN NO. 12 GAUGE HANGER WIRES WITH NOT LESS THAN THREE (3) TIGHT TURNS. FASTEN NO. 12 GAUGE BRACING WIRES WITH FOUR (4) TIGHT TURNS. MAKE ALL TIGHT TURNS WITHIN A DISTANCE OF 1-1/2 INCHES. HANGER OR BRACING WIRE ANCHORS TO THE STRUCTURE SHOULD BE INSTALLED IN SUCH A MANNER THAT THE DIRECTION OF THE ANCHOR ALIGNS AS CLOSELY AS POSSIBLE WITH THE DIRECTION OF THE WIRE.
NOTE: WIRE TURNS MADE BY MACHINE WHERE BOTH STRANDS HAVE BEEN DEFORMED OR BENT IN WRAPPING CAN WAIVE THE 1-1/2 INCH REQUIREMENT, BUT THE NUMBER OF TURNS SHOULD BE MAINTAINED AND BE AS TIGHT AS POSSIBLE.
15. SEPARATE ALL CEILING HANGER AND BRACING WIRES AT LEAST SIX (6) INCHES FROM ALL UNBRACED DUCTS, PIPES, CONDUIT, ETC.
16. WHEN DRILLED-IN CONCRETE ANCHORS OR SHOT-IN ANCHORS ARE USED IN REINFORCED CONCRETE FOR HANGER WIRES, 1 OUT OF 10 WIRE/ANCHOR ASSEMBLIES MUST BE FIELD TESTED FOR 200 POUNDS OF TENSION. WHEN DRILLED-IN CONCRETE ANCHORS ARE USED FOR BRACING WIRES, 1 OUT OF 2 WIRE/ANCHOR ASSEMBLIES MUST BE FIELD TESTED FOR 440 POUNDS IN TENSION. SHOT-IN ANCHORS IN CONCRETE ARE NOT PERMITTED FOR BRACING WIRES.
17. ATTACH ALL LIGHT FIXTURES AND CEILING MOUNTED AIR TERMINALS TO THE CEILING GRID RUNNERS TO RESIST A HORIZONTAL FORCE EQUAL TO THE WEIGHT OF THE FIXTURES. SCREWS OR APPROVED FASTENERS ARE REQUIRED.
18. FLUSH OR RECESSED LIGHT FIXTURES AND AIR TERMINALS OR SERVICES WEIGHING LESS THAN 56 POUNDS AND MECHANICAL TERMINALS AND SERVICES, WEIGHING LESS THAN 20 LBS., MAY BE SUPPORTED DIRECTLY ON THE RUNNERS OF HEAVY DUTY GRID SYSTEM BUT, IN ADDITION, THEY MUST HAVE A MINIMUM OF TWO NO. 12 GAUGE SLACK SAFETY WIRES ATTACHED TO THE FIXTURE AT DIAGONAL CORNERS AND ANCHORED TO THE STRUCTURE ABOVE. ALL 4 FEET BY 4 FEET LIGHT FIXTURES MUST HAVE SLACK SAFETY WIRES AT EACH CORNER.
a) ALL FLUSH OR RECESSED LIGHT FIXTURES WEIGHING 56 LBS. OR MORE AND MECHANICAL TERMINALS AND SERVICES, WEIGHING 20 LBS. OR MORE, MUST BE INDEPENDENTLY SUPPORTED BY NOT LESS THAN FOUR (4) TAUT NO. 12 GAUGE WIRES, EACH ATTACHED TO THE FIXTURE AND TO THE STRUCTURE ABOVE.
b) THE FOUR (4) TAUT NO. 12 GAUGE WIRES INCLUDING THEIR ATTACHMENT TO THE STRUCTURE ABOVE MUST BE CAPABLE OF SUPPORTING FOUR (4) TIMES THE WEIGHT OF THE UNIT.
19. SUPPORT SURFACE MOUNTED LIGHT FIXTURES BY AT LEAST TWO POSITIVE DEVICES WHICH SURROUND THE CEILING RUNNER AND WHICH ARE EACH SUPPORTED FROM THE STRUCTURE ABOVE BY A NO. 12 GAUGE WIRE. SPRING CLIPS OR CLAMPS THAT CONNECT ONLY TO THE RUNNER ARE NOT ACCEPTABLE.
a) PROVIDE ADDITIONAL SUPPORTS WHEN LIGHT FIXTURES ARE 8 FEET OR LONGER. MAXIMUM SPACING BETWEEN SUPPORTS SHALL NOT EXCEED 8 FEET.
20. SUPPORT PENDANT MOUNTED LIGHT FIXTURES DIRECTLY FROM THE STRUCTURE ABOVE WITH HANGER WIRES OR CABLES PASSING THROUGH EACH PENDANT HANGER AND CAPABLE OF SUPPORTING TWO (2) TIMES THE WEIGHT OF THE FIXTURE. A BRACING ASSEMBLY PER FIGURE D3, IS REQUIRED WHERE THE PENDANT HANGER PENETRATES THE CEILING. SPECIAL DETAILS ARE REQUIRED TO ATTACH THE PENDANT HANGER TO THE BRACING ASSEMBLY TO TRANSMIT HORIZONTAL FORCES.
21. CLASSIFICATION OF CEILING GRID: HEAVY DUTY
a) MANUFACTURER'S CATALOG NUMBER:
i) MAIN RUNNER: USG-DONN DX26, CHICAGO METALLIC 200 PER ICC-ES ESR 1289, ESR 1308 AND 2282.
ii) CROSS RUNNER: USG-DONN DX424, CHICAGO METALLIC 1204 PER ICC-ES ESR 1289, ESR 1308 AND 2282.
iii) RUNNER SPLICE: SEISMIC RESTRAINING CLIP SHALL BE PROVIDED AT ALL CROSS TEE INTERSECTIONS.



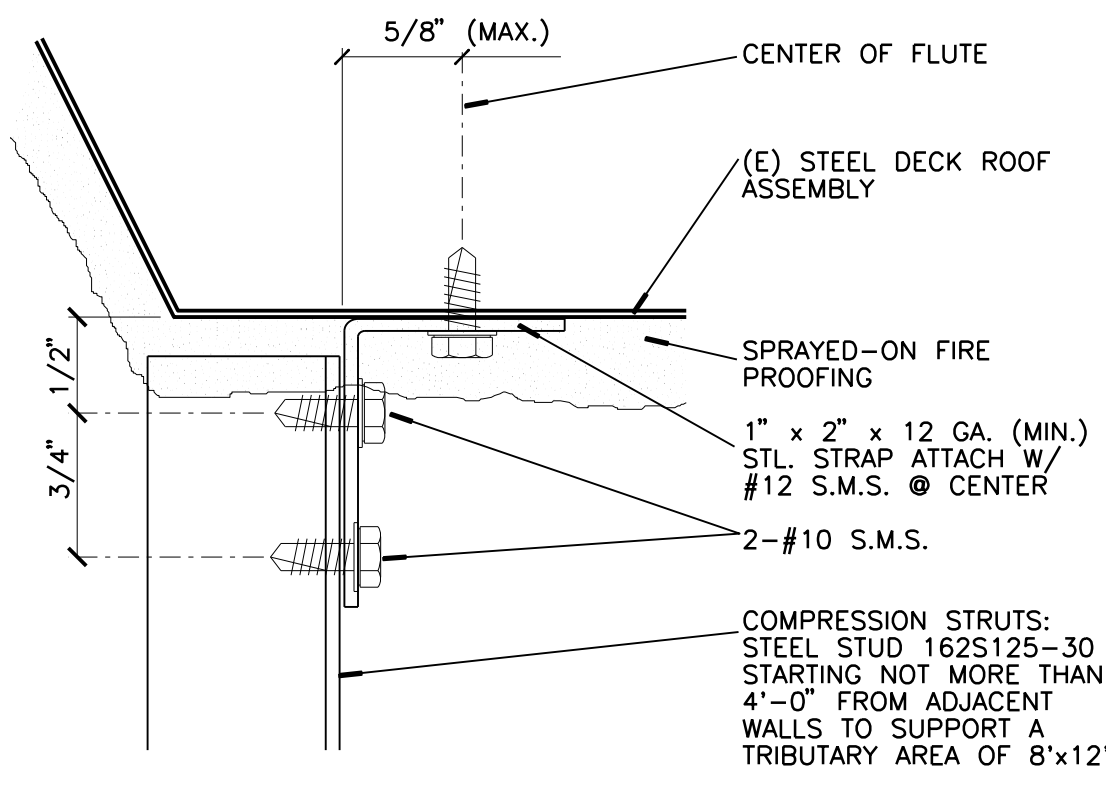
D2 ACOUS. CEILING SYSTEM AT WALL - SLIP EDGE HALF



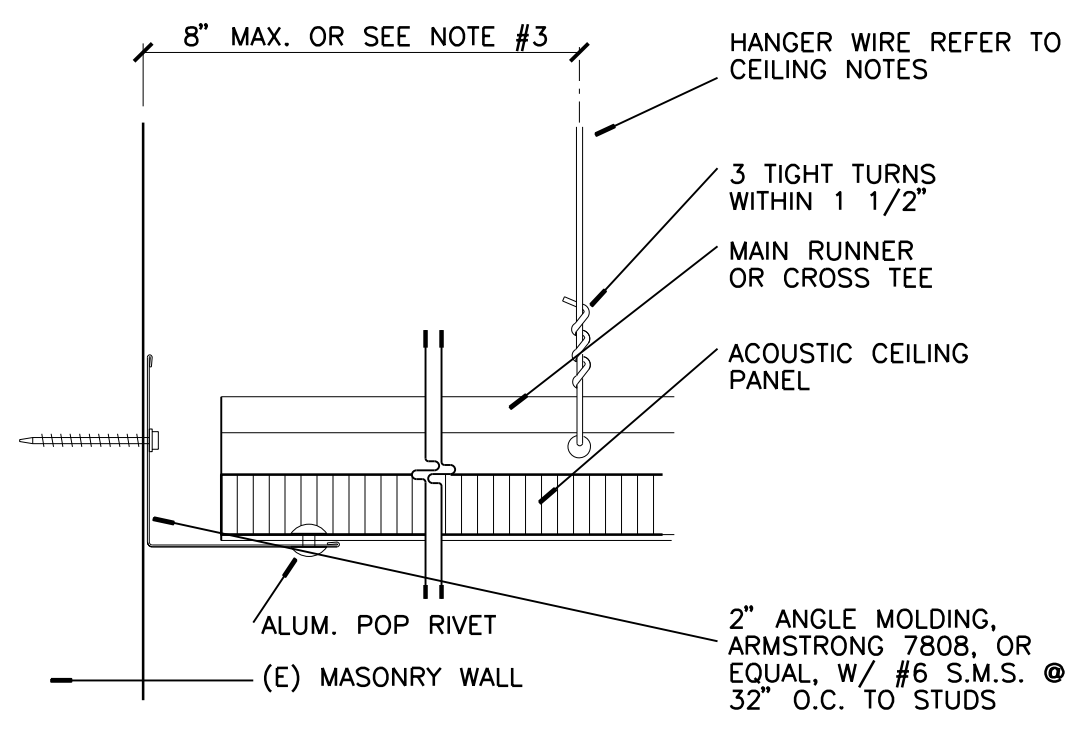
D3 ACOUS. CEILING SYSTEM ISOMETRIC VIEW - TYPICAL N.T.S.



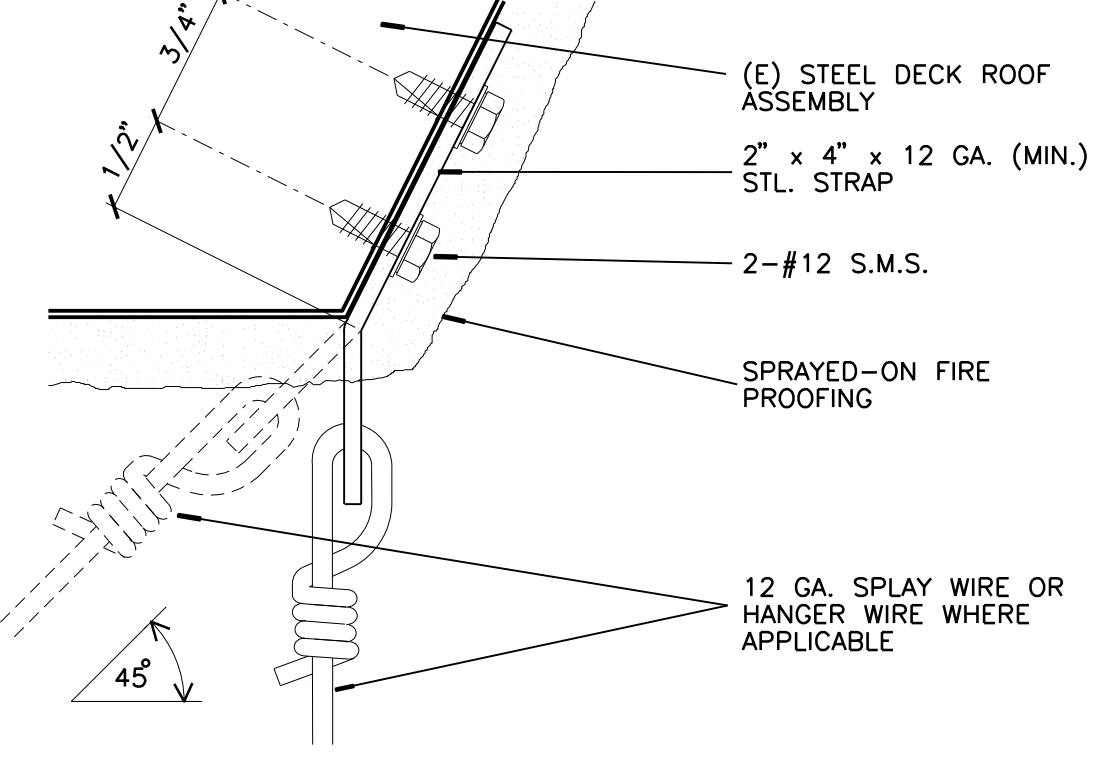
C2 ACOUS. CEILING SYSTEM AT WALL - FIXED EDGE HALF



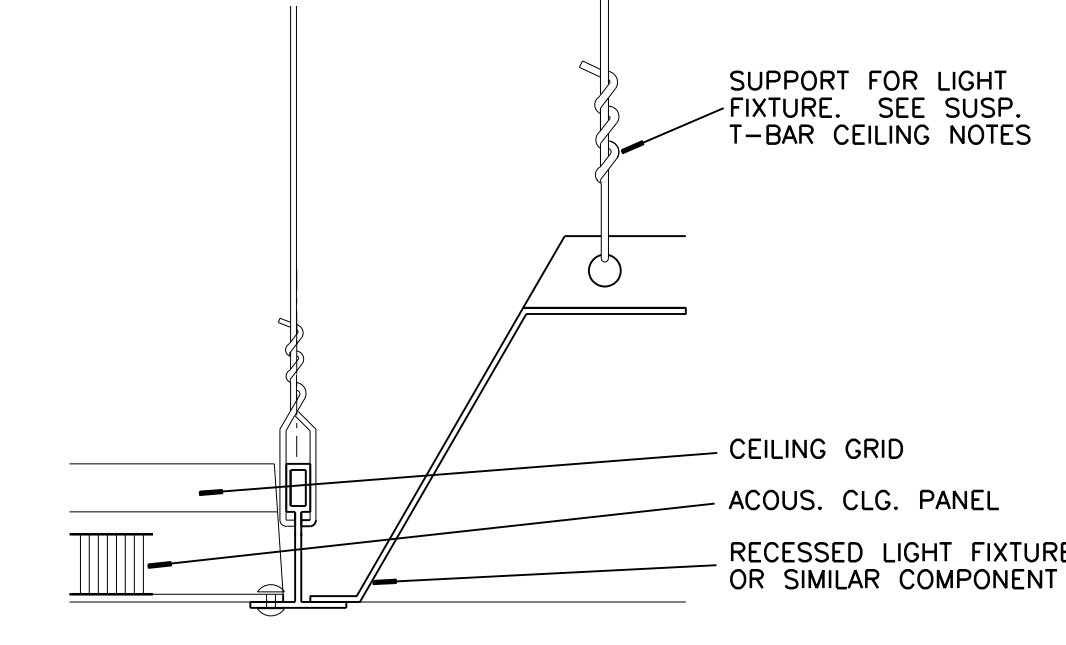
C3 COMPRESSION STRUT AT DECK FULL



B2 RECESSED LIGHT FIXTURE AT ACOUS. CEILING SYSTEM HALF



B3 CEILING HANGER & SPLAY WIRE AT STRUCTURE ABOVE FULL



A1 CEILING NOTES NONE



A2 CURTAIN TRACK AT CEILING HALF

ROOM FINISH SCHEDULE

Table with columns: ROOM NO., ROOM NAME, FLOOR, BASE, HEIGHT, FINISH, WALLS (North, East, South, West), DOOR, DOOR FRAME, CEILING, CEILING HEIGHT, REMARKS. Rows include Projection Room, Lecture Hall, and Foyer.

ROOM SCHEDULE LEGEND

Legend table defining abbreviations for room finishes: AP-1 = Acoustical Panel 24"x48", AP-2 = Acoustical Panel 24"x24", AT = Acoustical Tile, CPT-1 = Carpet, CT-1 = Tile, etc.

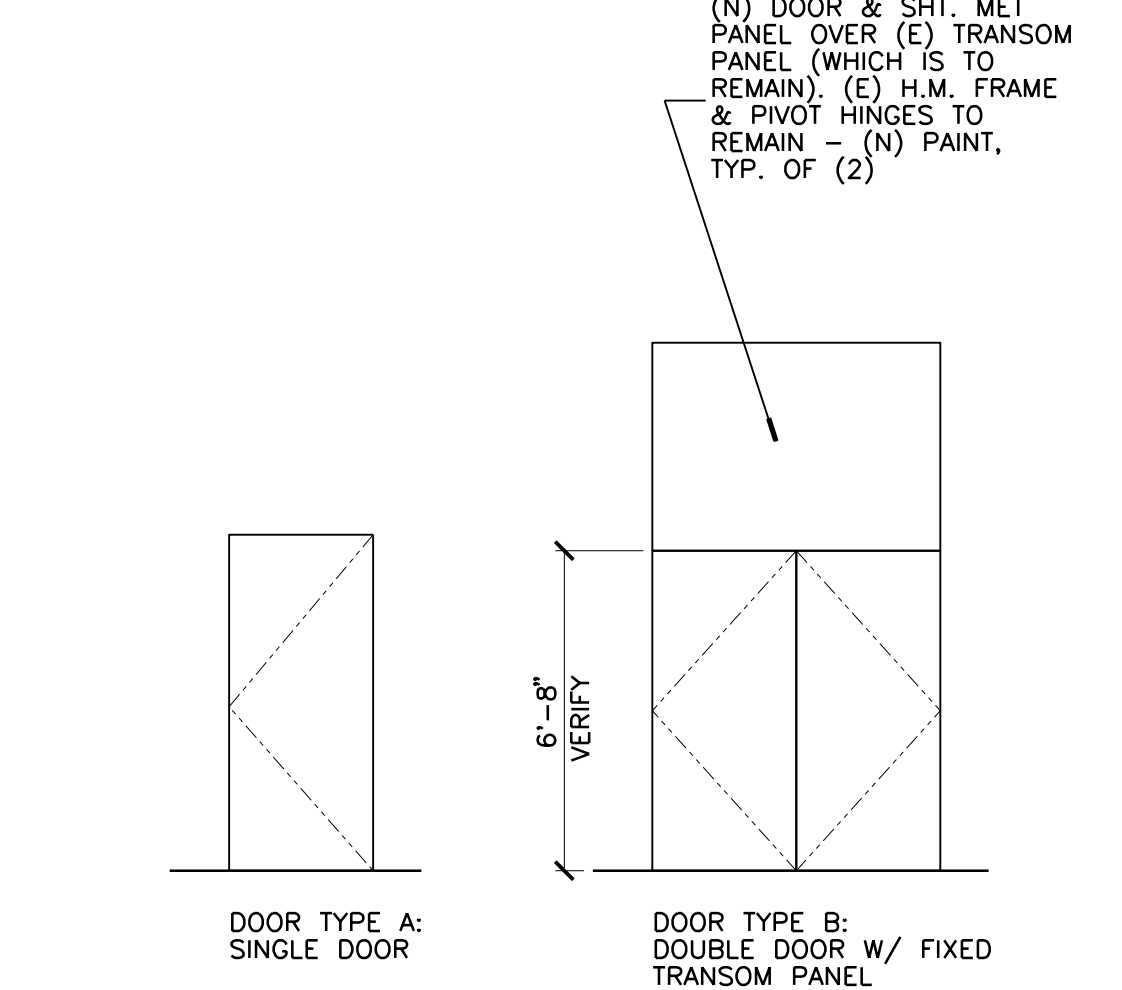
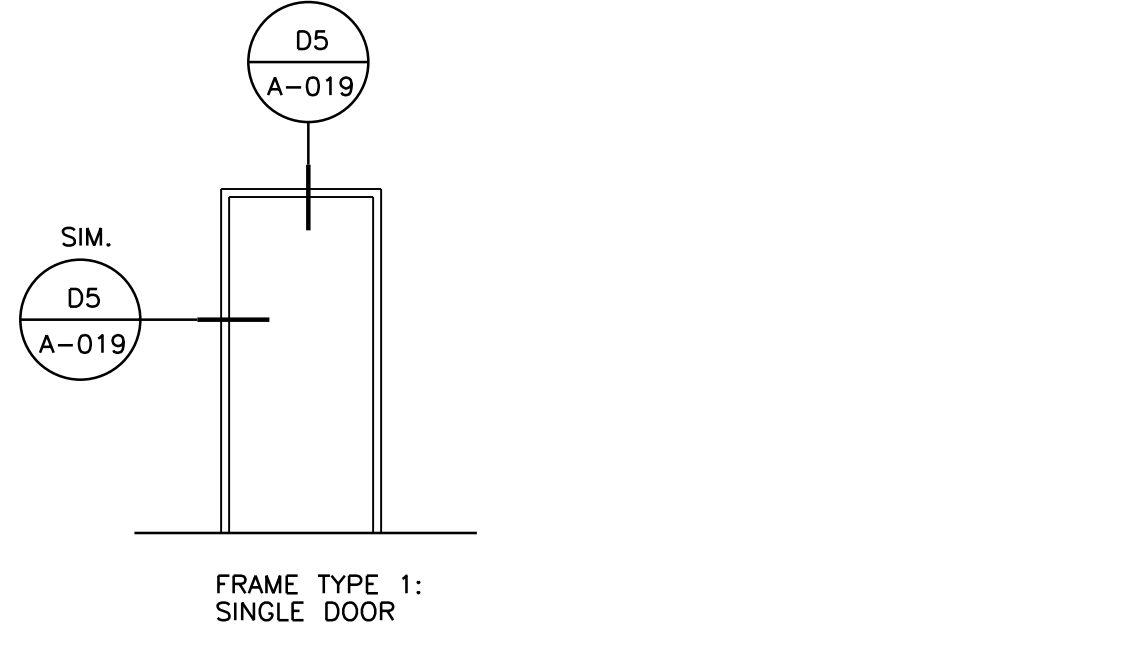
DOOR SCHEDULE

Table with columns: DOOR NO., ROOM NO., OPENING SIZE, TYPE, CONST., FACING/ FINISH, GLASS, LOUVER, RATING, FRAME TYPE, FRAME CONST., HARDWARE, HEAD, JAMB STRIKE, JAMB HINGE, SILL, DETAILS, REMARKS. Rows include Foyer and Lecture Hall doors.

DOOR SCHEDULE LEGEND

Legend table defining abbreviations for door materials: AL = Aluminum, (E) = Existing, WD1 = Wood/Natural Stain, WD2 = Wood/Paint Finish, P = Paint, PL = Plastic Laminate, HM = Hollow Metal, SC = Solid Core, MC = Mineral Core, GL1 = Fully Tempered Safety Glass, GL2 = Fully Tempered Patterned Glass, GL3 = 1 inch THK Insulating Glass.

- 1. PER CBC SECTION 11B-404.2.9, MAXIMUM FORCE TO PUSH OR PULL DOORS SHALL NOT EXCEED THE FOLLOWING:
A INTERIOR HINGED, SLIDING, FOLDING DOORS - 5 POUNDS
B EXTERIOR HINGED DOORS - 5 POUNDS
C FIRE DOORS - 15 POUNDS
2. PER CBC SECTION 11B-309.4, DOORS THAT ARE PART OF AN ACCESSIBLE ROUTE SHALL HAVE HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERABLE PARTS THAT SHALL BE OPERABLE WITH ONE HAND AND SHALL NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST. THE FORCE REQUIRED TO ACTIVATE OPERABLE PARTS SHALL NOT EXCEED 5 LBS.
3. PER CBC SECTION 1008.1.9, EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.
4. FIRE-RATED AND SMOKE- AND DRAFT-CONTROL DOORS AND FRAMES SHALL BEAR AN APPROVED LABEL OR OTHER IDENTIFICATION PER CBC SECTIONS 715.4.6.1 AND 715.4.6.3. DOORS SHALL BE MAINTAINED SELF-CLOSING OR SHALL BE AUTOMATIC CLOSING BY ACTUATION OF A SMOKE DETECTOR IN ACCORDANCE WITH CBC SECTION 715.4.8.5.
5. ALL FIRE-RATED DOORS AND SMOKE- AND DRAFT-CONTROL DOOR ASSEMBLIES SHALL BE PROVIDED WITH AN APPROVED GASKET INSTALLED SO AS TO PROVIDE A SEAL WHERE THE DOOR MEETS THE STOP ON BOTH SIDES AND ACROSS THE TOP.
6. MAIN EXIT DOORS SHALL BE PROVIDED WITH A DURABLE SIGN OF ONE INCH (1") LETTERS ON CONTRASTING BACKGROUND INDICATING, "THIS DOOR TO REMAIN UNLOCKED WHEN THIS SPACE IS OCCUPIED."
7. ADDITIONAL EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT (SINGLE ACTION). THE USE OF THUMB BOLTS IS NOT ALLOWED TO MEET THIS REQUIREMENT, AND CANNOT BE INSTALLED ON DOORS REQUIRED TO HAVE SINGLE ACTION HARDWARE.



A4 DOOR NOTES NONE

A5 DOOR & FRAME TYPE NONE



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Architect's Data: LICENSED ARCHITECT SHARON GRINDGARDSON No. C15106

PROJECT TITLE UCR DMFI PROJECTS 2019 PHYSICS 2000 RENEWAL CONSTRUCTION DOCUMENTS

REVISIONS table with columns: REV #, DESCRIPTION, DATE

APPROVED stamp from Office of Planning, Design & Construction Services

Consultants Data: Project Title UCR DMFI PROJECTS 2019 PHYSICS 2000 RENEWAL UCR project manager SCOTT DONNEL

Drawing Name DETAIL & SCHEDULE Sheet No. A-020 OF

## GENERAL NOTES

- THE CONTRACTOR SHALL SECURE AND PAY FOR PERMITS AND FEES NECESSARY FOR EXECUTION AND COMPLETION OF ELECTRICAL WORK, INCLUDING ALL CHARGES BY THE LOCAL GOVERNMENT AGENCIES AND THE UTILITY COMPANIES.
- ALL OUTLET LOCATIONS SHALL BE COORDINATED WITH ARCHITECTURAL ELEVATIONS PRIOR TO INSTALLATION.
- SEE SINGLE LINE DIAGRAM FOR CONDUIT AND CONDUCTOR SIZES, PANELS, TRANSFORMERS, MOTOR CONTROL CENTERS, MECHANICAL EQUIPMENT, ETC. HOMERUNS TO PANELS MAY NOT BE SHOWN ON PLANS BUT ARE PART OF THIS CONTRACT.
- EXACT LOCATION OF ALL CEILING MOUNTED DEVICES SHALL BE AS INDICATED ON THE ARCHITECTURAL REFLECTED CEILING PLANS.
- UNLESS OTHERWISE NOTED, MOUNTING HEIGHTS INDICATED ON ELECTRICAL OUTLETS ARE FROM FINISHED FLOOR TO CENTER OF OUTLETS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CUT-OUTS IN TILE OR COUNTER SPLASHES WHERE RECEPTACLES, OUTLETS, ETC., OCCUR.
- ALL RECESSED DEVICES, ETC., MOUNTED IN FIRE RATED CEILING SHALL BE ENCLOSED WITH AN APPROVED ENCLOSURE CARRYING THE SAME FIRE RATING AS THE CEILING.
- THE NUMERAL(S) SHOWN AT TOP LIGHT FIXTURE IDENTIFICATION SYMBOL WHICH INDICATES NUMBER OF LIGHT FIXTURES REQUIRED SHALL NOT BE USED BY THE CONTRACTOR FOR HIS QUANTITY TAKE-OFF AT BIDDING OR FOR DETERMINATION OF HOW MANY FIXTURES WILL BE INSTALLED. THE CONTRACTOR SHALL INSTALL A LIGHT FIXTURE WHEREVER A FIXTURE OUTLET IS SHOWN ON DRAWINGS.
- ALL FINAL CONNECTIONS TO OWNER-FURNISHED EQUIPMENT SHALL BE MADE BY THE CONTRACTORS.
- EQUIPMENT ANCHORAGE  
THE SEISMIC ANCHORAGE OF MECHANICAL AND ELECTRICAL EQUIPMENT SHALL CONFORM TO C.C.R. TITLE 24, 1998 CBC SECTION 1632A AND TABLE 16A-O. ANCHORAGE DETAILS FOR ROOF/FLOOR MOUNTED EQUIPMENT SHALL BE SHOWN ON PLAN.
- THE CONTRACTOR SHALL VISIT THE SITE INCLUDING SPECIFICALLY ALL AREAS INDICATED ON THE DRAWINGS. HE SHALL THOROUGHLY FAMILIARIZE HIMSELF WITH THESE EXISTING CONDITIONS AND BY SUBMITTING A BID ACCEPTS CONDITIONS UNDER WHICH HE WILL BE REQUIRED TO PERFORM HIS WORK.
- IT SHALL BE THIS CONTRACTOR'S RESPONSIBILITY TO DO ALL CORING, CUTTING, PATCHING AND REFINISHING OF WALLS AND SURFACES WHEREVER IT IS NECESSARY FOR HIM TO PENETRATE FOR HIS WORK. ALL OPENINGS MADE SHALL BE SEALED TO MEET THE RATED INTEGRITY OF THE PARTICULAR WALL, FLOOR OR CEILING.
- ATTENTION IS CALLED TO THE FACT THAT THE CEILING SYSTEMS FOR THE MOST PART ARE CONSIDERED TO BE INACCESSIBLE. THE CONTRACTOR SHALL STRATEGICALLY LOCATE BOXES, ETC., IN AN ACCESSIBLE CEILING SPACE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING COMPATIBILITY OF ALL COMMUNICATIONS/SIGNALING SYSTEM DEVICES TO PROVIDE COMPLETE AND OPERABLE SYSTEMS.
- ALL EXPOSED CONDUIT SHALL BE PAINTED TO MATCH FINISH OF SURFACE TO WHICH IT IS ATTACHED/SUPPORTED TO.
- INSTALL RACEWAY SYSTEMS AS FOLLOWS.
  - RIGID GALVANIZED STEEL IN ALL OUTDOOR LOCATIONS AND IN INDOOR LOCATIONS WHERE SUBJECT TO PHYSICAL DAMAGE.
  - I.M.C. OR E.M.T. IN ALL INDOOR AREAS.
  - FLEXIBLE METAL CONDUIT FOR FINAL CONNECTIONS TO LIGHT FIXTURES, MOTORS, VIBRATING ELECTRICAL EQUIPMENT AND HORIZONTAL RUNS IN WALLS.
  - USE COMPRESSION TYPE FITTINGS FOR ALL METALLIC CONDUIT.
- CONDUIT ROUTING INDICATED ON THESE PLANS IS DIAGRAMMATIC. ACTUAL ROUTING OF CONDUITS SHALL BE COORDINATED IN THE FIELD TO AVOID INTERFERENCE WITH OTHER UTILITIES AND TRADES. THE CONTRACTOR SHALL INSTALL ALL CONDUIT, JUNCTION/PULL BOXES, ETC., AS REQUIRED FOR A COMPLETE SYSTEM IN FULL COMPLIANCE WITH ALL APPLICABLE CODES.
- ALL POWER AND LIGHTING BRANCH CIRCUITS SHALL BE INSTALLED WITH A #12 GREEN GROUND WIRE U.O.N. THE COMPLETE ELECTRICAL SYSTEM SHALL BE GROUNDED IN ACCORDANCE WITH ARTICLE 250 OF THE CALIFORNIA ELECTRICAL CODE (CEC).
- IDENTIFICATION NAME PLATES FOR PANELS AND SWITCHBOARDS/DISTRIBUTION PANEL FEEDER CIRCUIT BREAKERS SHALL MATCH THE NOMENCLATURE PROVIDED BY THE OWNER AT THE END OF THE CONTRACT.

## DEMOLITION NOTES

- ALL ELECTRICAL FIXTURES, OUTLETS, DEVICES, ETC., THAT ARE MARKED FOR DELETION, SHALL BE REMOVED COMPLETELY, INCLUDING CONDUIT AND WIRES BACK TO THE LAST REMAINING FIXTURE, OUTLET, DEVICE, ETC.
- WHERE EXISTING OUTLET/DEVICES TO REMAIN ARE FED BY OUTLETS BEING REMOVED BY WORK UNDER THIS CONTRACT, THE CONTRACTOR SHALL ROUTE NEW CONDUIT, WIRE, ETC., AS REQUIRED TO MAINTAIN THE SUBJECT OUTLETS IN OPERATION.
- THE ELECTRICAL CONTRACTOR SHALL COORDINATE WITH THE OWNER PRIOR TO REMOVAL OF EXISTING ELECTRICAL EQUIPMENT AND TURN OVER REMOVED EQUIPMENT THAT THE OWNER REQUESTS, IN AS-FOUND CONDITION. EQUIPMENT THAT IS TO BE TURNED OVER SHALL BE BOXED AND TAGGED TO IDENTIFY THE SPECIFIC EQUIPMENT.
- ALL EXISTING CONDUITS WITHIN PROJECT AREA FOR LIGHTING FIXTURES, RECEPTACLES, OTHER BRANCH CIRCUITS LOADS AND COMMUNICATIONS/SIGNAL SYSTEMS, WHETHER SHOWN ON PLANS OR NOT, SHALL BE A PART OF THIS CONTRACT.
- IN GENERAL, THE DEMOLITION PLAN SHOWS EXISTING EQUIPMENT THAT IS TO REMAIN, BE REMOVED OR RELOCATED, HOWEVER, ELECTRICAL EQUIPMENT WHETHER SHOWN ON THIS DRAWING OR NOT, THAT IS LOCATED IN A REMOVED WALL OR CEILING, SHALL BE REMOVED UNLESS OTHERWISE NOTED.
- WHERE EXISTING WALLS ARE REMOVED BY WORK UNDER THIS CONTRACT, EXISTING CONDUIT FEEDS UP THROUGH FLOOR SHALL BE CUT OFF AND PLUGGED FLUSH WITH FLOOR AND CONDUCTORS REMOVED FROM THAT POINT BACK TO LAST OUTLET REMAINING IN SERVICE. WHERE THE SUBJECT CONDUIT FEEDS OUTLETS/ DEVICES REMAINING IN OPERATION THE CONTRACTOR SHALL REROUTE THE SUBJECT CONDUIT AND CONDUCTORS AS REQUIRED TO MAINTAIN OPERATION OF SUCH CIRCUITS/SYSTEMS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO IDENTIFY AND DIMENSION ALL SUCH CONDUITS ON THE "RECORD" DRAWINGS.
- IT SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR TO MAINTAIN CONTINUITY OF ALL ELECTRICAL AND COMMUNICATION SYSTEMS, EQUIPMENT, ETC., REMAINING IN OPERATION, MAINTAINING CONTINUITY SHALL CONSIST OF RE-ROUTING CONDUIT, WIRE, ETC., AS REQUIRED TO MAINTAIN THE SUBJECT SERVICES IN OPERATION.
- EXISTING CIRCUITS THAT ARE REMOVED AND NOT RE-USED SHALL BE IDENTIFIED ON PANEL SCHEDULE AS "SPARE".

## ELECTRICAL SYMBOL LIST

	CONDUIT RUN, CONCEALED IN CEILING, WALLS OR UNDER FLOOR 3/4" MIN.		LIGHTING FIXTURE IDENTIFICATION SYMBOL. LETTER INDICATES TYPE OF FIXTURE. NUMERAL AT TOP OF HEXAGON INDICATES NUMBER OF FIXTURES REQUIRED. NUMERAL AT BOTTOM OF HEXAGON INDICATES MOUNTING HEIGHT FROM FLOOR TO BOTTOM OF FIXTURE. OMISSION OF MOUNTING HEIGHT INDICATES CEILING MOUNTING.
	CONDUIT RUN, UNDERGROUND.		JUNCTION BOX.
	CONDUIT STUBBED OUT AND GAPPED. PULL LINE IN PLACE.		2X2 LED LIGHT FIXTURE. SHADING INDICATES FIXTURE TO BE PROVIDED WITH EMERGENCY BATTERY PACK.
	FLEXIBLE CONDUIT. SEALTITE WHERE EXPOSED TO WEATHER. REFER TO SPECIFICATIONS FOR USE.		CEILING MOUNTED LED LIGHT FIXTURE. SHADING INDICATES FIXTURE TO BE PROVIDED WITH EMERGENCY BATTERY PACK.
	CONDUIT TURNED DOWN.		STEP LIGHT FIXTURE
	CONDUIT TURNED UP.		RECESSED EMERGENCY LIGHTS
	CROSS LINES ON CONDUIT RUNS INDICATE NUMBER OF #12 WIRES CONTAINED THEREIN. TWO #12 ARE INDICATED WHEN CROSS LINES ARE NOT SHOWN. NUMERALS ADJACENT TO CROSS LINES ON CONDUIT RUNS INDICATE SIZE OF CONDUCTORS IN LIEU OF #12.		NOTE IDENTIFICATION SYMBOL. NUMBER INDICATES NOTE.
	CONDUIT HOME RUN TO PANELBOARD. LETTER AND NUMERALS INDICATES ELECTRICAL PANEL AND CIRCUIT NUMBER.		DETAIL CALLOUT
	EXISTING CONDUIT AND CIRCUIT CONDUCTORS TO REMAIN IN OPERATION.		
	EXISTING CONDUIT AND CIRCUIT CONDUCTORS TO BE REMOVED.		
	EXISTING CONDUIT TO BE ABANDONED IN PLACE. CONDUCTORS TO BE DISCONNECTED AND REMOVED.		
	EXISTING TO REMAIN.		
	EXISTING EQUIPMENT TO BE REMOVED.		
	NEW EQUIPMENT.		
	BRANCH CIRCUIT PANEL, MOUNTING AS SHOWN ON SCHEDULES.		
	DUPLEX RECEPTACLE, FLUSH IN WALL, SPECIFICATION GRADE, GROUNDING TYPE, 20 AMP, 120V., WITH THERMOPLASTIC WALL PLATE TO MATCH DEVICE. MTD. AT +18".		
	EXIT SIGN		
	DOOR SWITCH		

## LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURER CATALOG#	LAMP QTY. & TYPE	FIXTURE WATTAGE	VOLTS	REMARKS
A	DUAL-LITE CL150H25 OR APPROVED EQUAL	(2) 25W HALOGEN (PROVIDED WITH FIXTURE)	50	120	RECESSED EMERGENCY LIGHT FIXTURE WITH 4" SQUARE FLUSH ROTATING DOOR, ROUGH-IN KIT, LAMPS AND INTEGRAL 90 MINUTE BATTERY. CUSTOM DOOR FINISH/COLOR AS SELECTED BY THE ARCHITECT.
B	LITHONIA EDG-1-RMR-EL OR APPROVED EQUAL	LED (PROVIDED WITH FIXTURE)	3	120	WALL MOUNTED ARCHITECTURAL LED EDGE-LIT EXIT SIGN WITH RED LETTERS ON MIRRORRED PANEL AND INTEGRAL 90 MINUTE BATTERY PACK.
C	LITHONIA LIGHTING 04V12-40155-ADP-EZH-1P840 OR APPROVED EQUAL	4200 LUMEN LED 81 (LxW) 4000K	48	120	RECESSED 2X2 LED LIGHT FIXTURE. FIXTURE SHALL BE PROVIDED WITH INTEGRAL LED DIMMING DRIVER AND INTEGRAL 90 MINUTE 1400 LUMEN EMERGENCY BATTERY BACK-UP WHERE SHADING INDICATED ON PLAN.
D	WINONA LIGHTING NJC0118-D8P-24DJA-TUWH-PROR-2400LM-90CRI-120-K OR APPROVED EQUAL	2400 LUMEN LED 15 (LxW) 4000K	32	120	24" ROUND SURFACE MOUNTED LED LIGHT FIXTURE. FIXTURE SHALL BE PROVIDED WITH INTEGRAL LED DRIVER, 3000K TO 5000K COLOR TEMPERATURE, AND 90 COLOR RENDERING INDEX. * = FINISH AS SELECTED BY ARCHITECT
E	BEGA 93 018-K4-BLK OR APPROVED EQUAL	27W LED 24 LUMENS 4000K	2.7	120	RECESSED MOUNTED LED STEP LIGHT FIXTURE. FIXTURE SHALL BE PROVIDED WITH 4000K COLOR TEMPERATURE, LED DRIVER, WHITE SAFETY GLASS, LOUVERS, AND BLACK FINISH.
F	TIVOLI VLT-P-03-40-12-P8U OR APPROVED EQUAL	LED 6325 LUMENS 4000K	115	120	SURFACE MOUNTED LED STEP-LIGHT, PROVIDED WITH 4000K COLOR TEMPERATURE, AND LED DRIVER.

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1223 UNIVERSITY AVENUE, SUITE 240  
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Architect's Date:



Architect's Stamp: Consultants Stamp:

PROJECT TITLE  
**UCR DMFI PROJECTS 2019 PHYSICS 2000 RENEWAL**  
CONSTRUCTION DOCUMENTS

### REVISIONS

REV #	DESCRIPTION	DATE

APPROVED BY: [Signature]  
DATE: 07/07/2020  
OFFICE OF THE CLERK OF THE SUPERIOR COURT, RIVERSIDE COUNTY, CALIFORNIA

Project Title  
**UCR DMFI PROJECTS 2019 PHYSICS 2000 RENEWAL**

UCR project manager  
**SCOTT DONNEL**

scale AS NOTED	sd approval
Drawn by J.D.	sd approval
Checked by S.C.	sd approval 05/11/20
UCR project no. 957443	construction release
dia number	

Drawing Name  
**GENERAL NOTES & SYMBOL LIST**

Sheet No.  
**E-001 OF 1**



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3803 10th Street, Riverside, CA 92501-3521  
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Architect's Data:

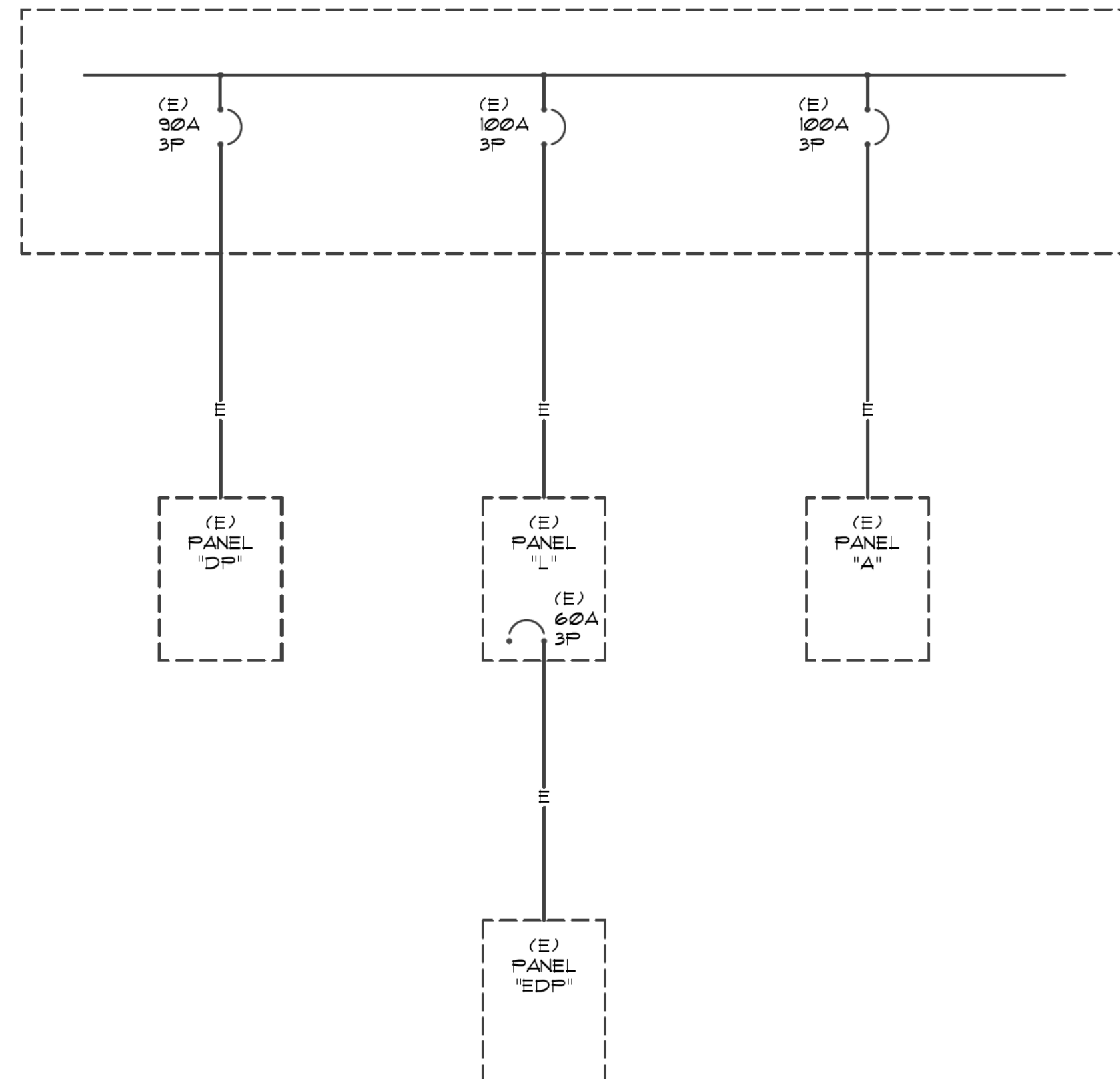


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Consultants Stamp:

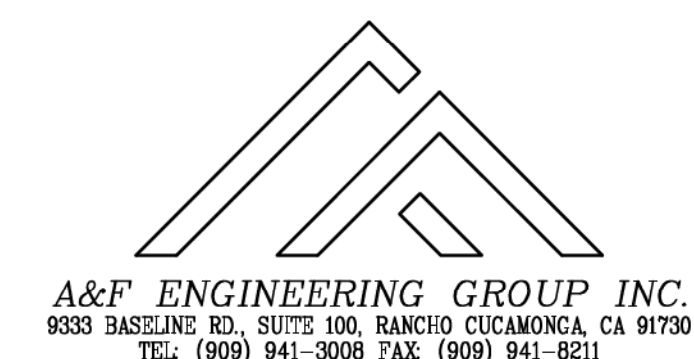
PROJECT TITLE  
**UCR**  
**DMFI PROJECTS 2019**  
**PHYSICS 2000 RENEWAL**  
**CONSTRUCTION DOCUMENTS**

(E) DISTRIBUTION PANEL  
400A BUS, 120/208V, 3P, 4W



SINGLE LINE DIAGRAM

PANEL "A"										MAIN BREAKER: 100A			SCA: EXISTING		
VOLTAGE: 208/120V-4-WIRE										BUS SIZE: 100A			MOUNT: SURFACE		
LOCATION: ELEVATOR LOBB										ENTRY: BOTTOM			MOUNT: SURFACE		
DESCRIPTION	CKT	BKR	P	LTS	REC	MSC	MTR	A-VA	B-VA	C-VA	AMPS				
LAPTOP OUTLETS	1	20	1		8			1440							
LAPTOP OUTLETS	3	20	1		8				1440						
LAPTOP OUTLETS	5	20	1		8					1440					
LAPTOP OUTLETS	7	20	1		13			2340							
LAPTOP OUTLETS	9	20	1		9				1620						
LAPTOP OUTLETS	11	20	1		10					1800					
LAPTOP OUTLETS	13	20	1		8			1440							
LAPTOP OUTLETS	15	20	1		8				1440						
LAPTOP OUTLETS	17	20	1		8					1440					
AUTO. SLIDING DOORS	19	20	1												
SPARE	21	20	1												
SPARE	23	20	1												
SPACE	25	20	1												
SPACE	27	20	1												
SPACE	29	20	1												
SUB TOTAL VOLT/AMPS								5220	4500	4680					
LAPTOP OUTLETS	2	20	1		8			1440							
LAPTOP OUTLETS	4	20	1		8				1440						
LAPTOP OUTLETS	6	20	1		8					1440					
LAPTOP OUTLETS	8	20	1		6			1080							
LAPTOP OUTLETS	10	20	1		8				1440						
LAPTOP OUTLETS	12	20	1		7					1260					
SPARE	14	20	1												
LAPTOP OUTLETS	16	20	1		8				1440						
LAPTOP OUTLETS	18	20	1		8					1440					
LAPTOP OUTLETS	20	20	1		8			1440							
LAPTOP OUTLETS	22	20	1		10				1800						
LOBBY LTS	24	20	1	14							476				
SPACE	26	20	1												
SPACE	28	20	1												
SPACE	30	20	1												
SUB TOTAL VOLT/AMPS								3960	6120	4616					
TOTAL VOLT/AMPS								9180	10620	9296					
TOTAL AMPS/PHASE								77	89	77					
CONNECTED	29096	VA													
25% OF MTR.		VA													
25% OF LCL	0	VA													
CALCULATED	29096	VA	=	80.76	AMPS		80.76	ACTUAL AMPS							



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REV #	DESCRIPTION	DATE

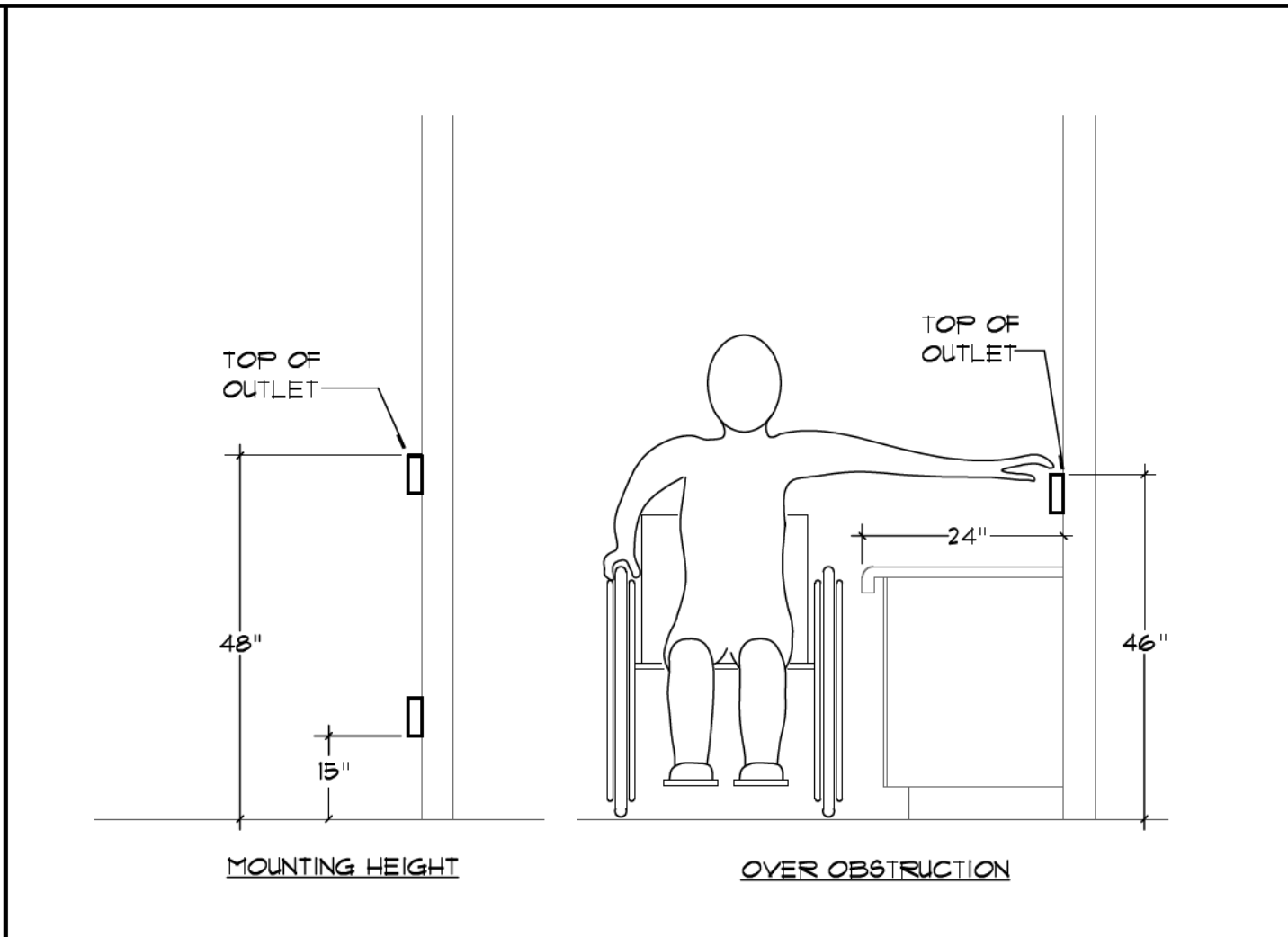
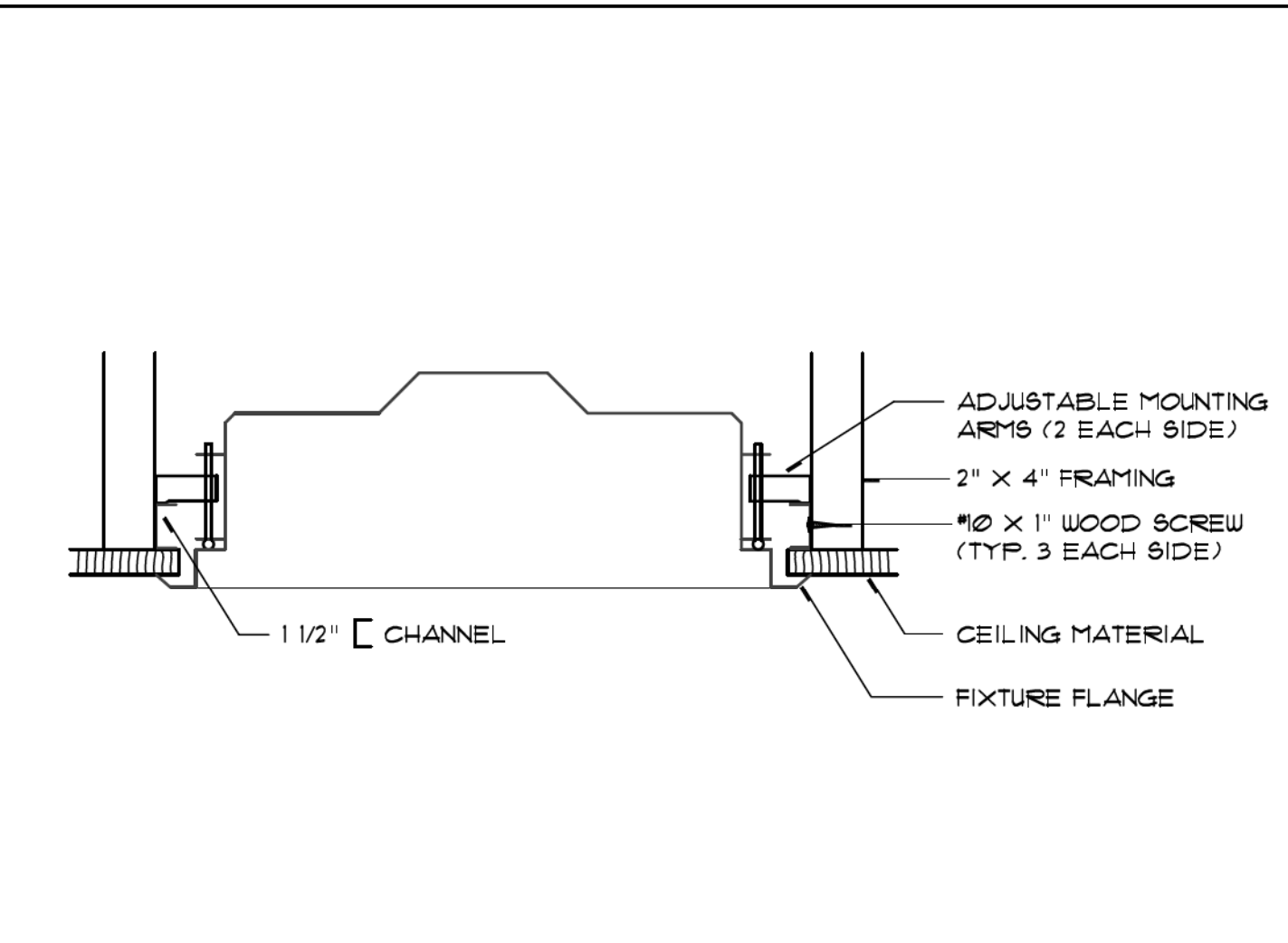
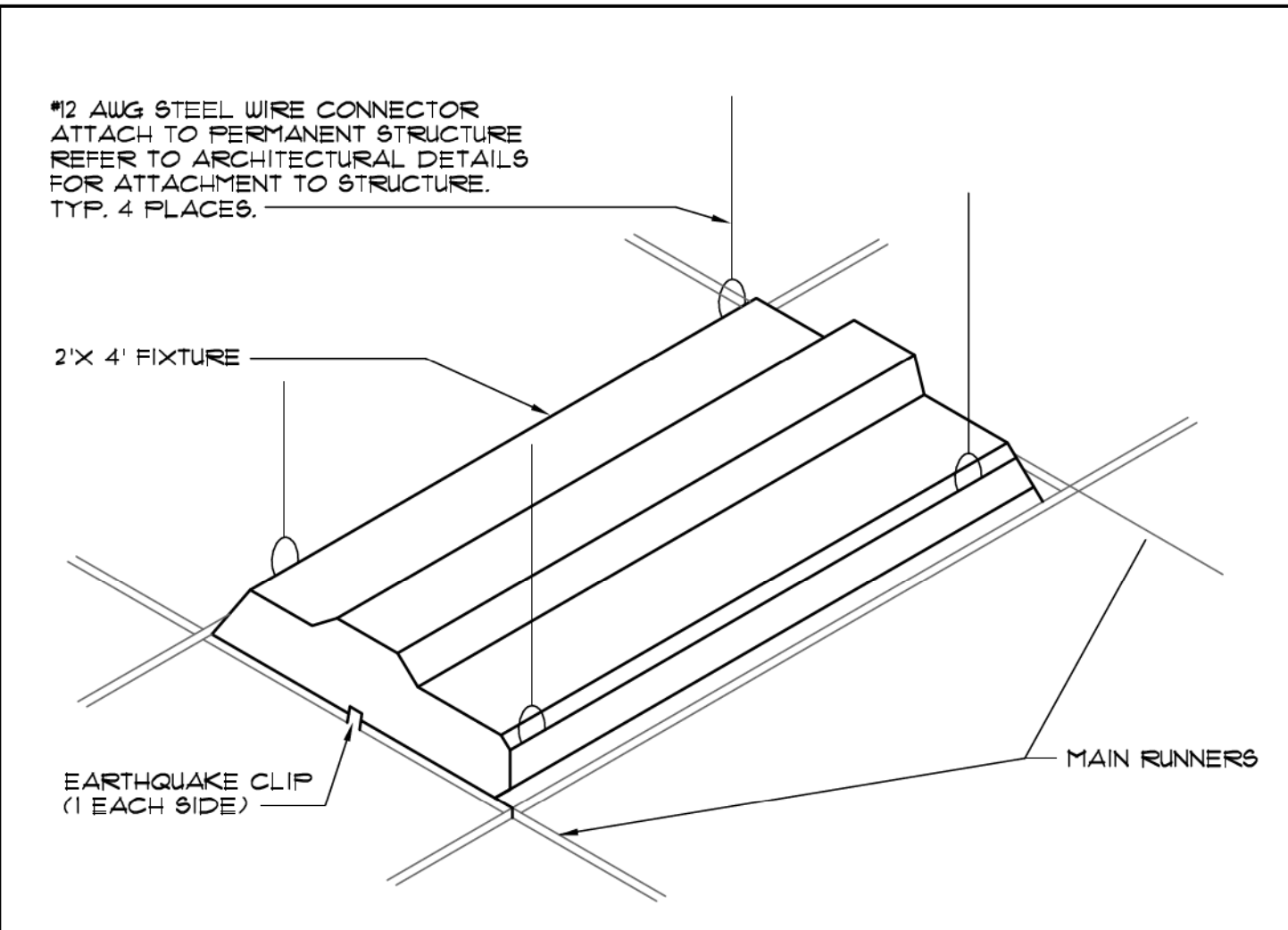
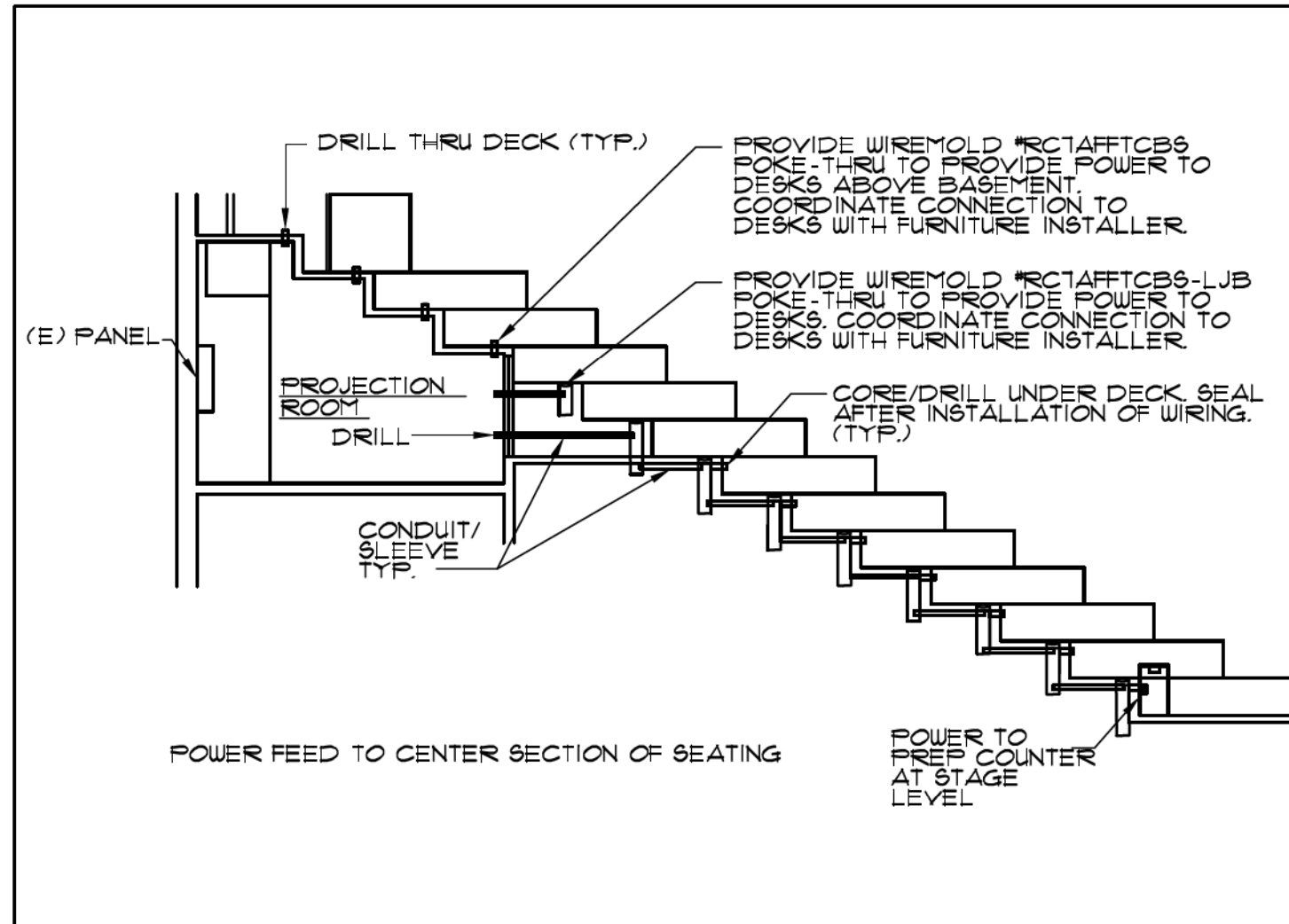
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Project Title  
UCR  
DMFI PROJECTS 2019  
PHYSICS 2000 RENEWAL

UCR project manager	
SCOTT DONNEL	
scale	AS NOTED
Drawn by	J.D.
Checked by	S.C.
UCR project no.	957443
date number	
sd approval	
cd approval	
cd approval	05/11/20
construction release	

Drawing Name  
PANELS & SINGLE LINE DIAGRAM  
Sheet No.  
E-002  
OF 1

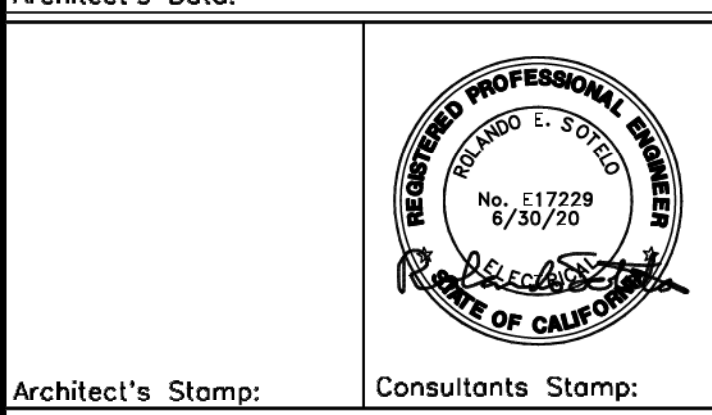




FEED TO CENTER SEATING ROWS	SCALE: NONE	1	LIGHT FIXTURE - T-BAR MOUNTED	SCALE: NONE	2	LIGHT FIXTURE - GYP CEILING	SCALE: NONE	3	DEVICE MOUNTING HEIGHTS	SCALE: NONE	4
NOT USED	SCALE: NONE	5	NOT USED	SCALE: NONE	6	NOT USED	SCALE: NONE	7	NOT USED	SCALE: NONE	8



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Architect's Stamp: Consultants Stamp:

PROJECT TITLE  
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**PHYSICS 2000 RENEWAL**  
**CONSTRUCTION DOCUMENTS**

REVISIONS		
REV #	DESCRIPTION	DATE

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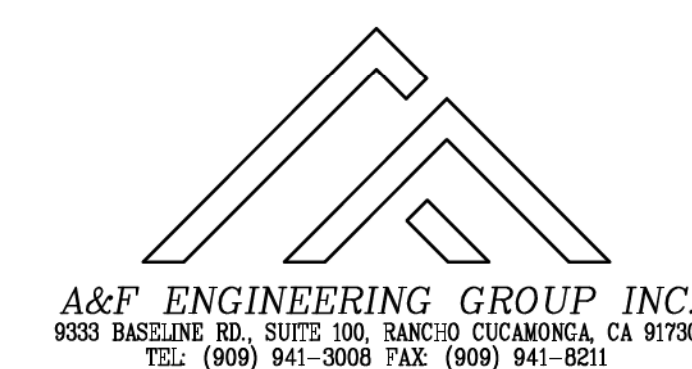
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**UCR**  
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**PHYSICS 2000 RENEWAL**

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Drawing Name  
**ELECTRICAL**  
**DETAILS**

Sheet No.  
**E-003**  
**OF 1**

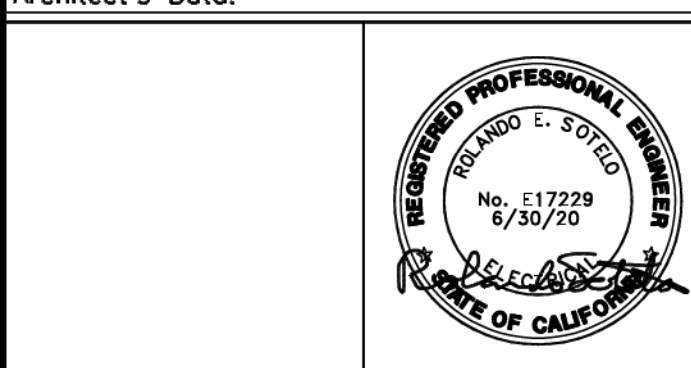




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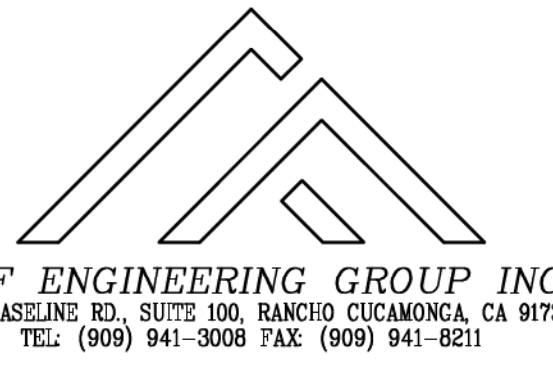
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DATE: 07/07/2020  
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FOR: [Signature]

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Project Title: UCR  
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PHYSICS 2000 RENEWAL

UCR project manager  
**SCOTT DONNEL**

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draw number		
Drawing Name	TITLE 24 COMPLIANCE FORMS	Sheet No. E-004 OF 1



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STATE OF CALIFORNIA  
**Indoor Lighting**  
NRECC-LTI-1  
CALIFORNIA ENERGY COMMISSION  
NRECC-LTI-4  
Page 2 of 7  
Project Name: UCR Physics 2000 Renewal Report Page: 900 University Ave Date Prepared: 5/8/2022

**F. INDOOR LIGHTING FIXTURE SCHEDULE**

F	1.2w LED	No	No	1.2	JAS Lamp	48	No	57.6	□	□
Total Designed Watts:								CONDITIONED SPACES		533.6
Footcandle:								FIELD INSPECTOR		

**H. INDOOR LIGHTING CONTROLS (Not including PAFs)**

01	02	03
Mandatory Demand Response §110.12(c)	Shut-off controls §130.1(c)	Field Inspector
Requires > 10,000 SF		Pass
Whole building Auto Time Switch		Fail

**I. INDOOR LIGHTING CONTROLS (Not including PAFs)**

04	05	06	07	08	09	10	11	12
Area Description	Complete Building or Area Category Primary Function Area	Area Controls §130.1(a)	Multi-Level Controls §130.1(b)	Shut Off Controls §130.1(c)	Primary/Sky Light Daylighting §130.1(d)	Secondary Daylighting §130.1(e)	Interlocked Systems §130.1(f)	Field Inspector
Foyer	Main Entry Lobby	Manual ON/OFF	Dimmer	Occupancy Sensor	N/A	N/A	No	Pass
Lecture Hall	Classroom, Lecture, or Training Vocational Area	Manual ON/OFF	Dimmer	Occupancy Sensor	N/A	N/A	No	Pass

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance  
Report Version: 2019.0.001  
Schema Version: rev. 20190401  
Registration Date/Time: 2020-05-08 14:51:18  
Registration Provider: Energysoft

STATE OF CALIFORNIA  
**Indoor Lighting**  
NRECC-LTI-1  
CALIFORNIA ENERGY COMMISSION  
NRECC-LTI-4  
Page 2 of 7  
Project Name: UCR Physics 2000 Renewal Report Page: 900 University Ave Date Prepared: 5/8/2022

**C. COMPLIANCE RESULTS**

Allowed Lighting Power per §140.6(b) (Watts)				Adjusted Lighting Power per §140.6(a) (Watts)				Compliance Results	
01	02	03	04	05	06	07	08	Total Allowed (Watts)	Total Adjusted (Watts)
Complete Building §140.6(c)	Area Category §140.6(d)	Area Category Additional (+) §140.6(e)	Talked (f)	Total Designed (Watts) §140.6(a)(1)	PAF Lighting Control Credits (-) §140.6(a)(2)	Adjustments (-) §140.6(a)(3)	Includes Adjustments		
Conditioned									COMPLIES
Unconditioned									COMPLIES

**D. EXCEPTIONAL CONDITIONS**  
This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

**E. ADDITIONAL REMARKS**  
This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

**F. INDOOR LIGHTING FIXTURE SCHEDULE**  
This table includes all permanent, designed lighting and all portable lighting in offices.

**Designed Wattage: Conditioned Spaces**

01	02	03	04	05	06	07	08	09	10
Name or Item Tag	Complete Luminaire Description	Modular (Track) Fixture	Small Aperture & Color Change <sup>1</sup>	Watts per luminaire <sup>1</sup>	How is Wattage determined	Total Number of luminaires	Excluded per §140.6(a)(3)	Design Watts	Field Inspector
C	34w LED	No	No	34	JAS Lamp	14	No	476	Pass

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance  
Report Version: 2019.0.001  
Schema Version: rev. 20190401  
Registration Date/Time: 2020-05-08 14:51:18  
Registration Provider: Energysoft

STATE OF CALIFORNIA  
**Indoor Lighting**  
NRECC-LTI-1  
CALIFORNIA ENERGY COMMISSION  
NRECC-LTI-4  
Page 1 of 7  
Project Name: UCR Physics 2000 Renewal Report Page: 900 University Ave Date Prepared: 5/8/2022

**A. GENERAL INFORMATION**

01 Project Location (city)	Riverside	04 Total Conditioned Floor Area (ft²)	4,167
02 Climate Zone	10	05 Total Unconditioned Floor Area (ft²)	0
03 Occupancy Types Within Project (select all that apply)	<input type="checkbox"/> Office <input type="checkbox"/> Retail <input type="checkbox"/> Parking Garage <input type="checkbox"/> High-Rise Residential <input type="checkbox"/> Warehouse <input type="checkbox"/> Relocatable <input type="checkbox"/> Healthcare <input type="checkbox"/> Other (Write in)	06 # of Stories (Habitable Above Grade)	1

**B. PROJECT SCOPE**  
This table includes any lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in §140.6 or §141.8(b) for alterations.

Scope of Work		Conditioned Spaces		Unconditioned Spaces	
01	02	03	04	05	06
My Project Consists of (check all that apply):					
<input type="checkbox"/> New Lighting System	Calculation Method	Area (ft²)	Calculation Method	Area (ft²)	0
<input type="checkbox"/> New Lighting System - Parking Garage	Area Category Method	4167	Area Category Method	Area	0
Total Area of Work (ft²)		4167		0	

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance  
Report Version: 2019.0.001  
Schema Version: rev. 20190401  
Registration Date/Time: 2020-05-08 14:51:18  
Registration Provider: Energysoft

STATE OF CALIFORNIA  
**Indoor Lighting**  
NRECC-LTI-1  
CALIFORNIA ENERGY COMMISSION  
NRECC-LTI-4  
Page 4 of 7  
Project Name: UCR Physics 2000 Renewal Report Page: 900 University Ave Date Prepared: 5/8/2022

**H. INDOOR LIGHTING CONTROLS (Not including PAFs)**

*NOTES: Controls with a * require a note in the space below explaining how compliance is achieved. EX- Exception 1: Primary/Skylight Daylighting: Exempt because less than 120 watts of general lighting; EXCEPTION 1 to §130.1(d)(2)	13
	Plan Sheet Showing Daylit Zones:

**I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS**  
Each area complying using the Complete Building or Area Category Methods per §140.6(b), are included in this table. Column 06 indicates if additional lighting power allowances per §140.6(c) or adjustments per §140.6(d) are being used.

01	02	03	04	05	06
Area Description	Complete Building or Area Category Primary Function Area	Allowed Density (W/ft²)	Area (ft²)	Allowed Wattage (Watts)	Additional Allowance / Adjustment PAF
Main Entry Lobby	Main Entry Lobby	0.85	690	586.5	No
Classroom, Lecture, Training, Vocational Areas	Classroom, Lecture, or Training Vocational Area	0.7	3,477	2,433.9	No
TOTALS:			4,167	3,020.4	See Tables I, or P for detail

**J. ADDITIONAL ALLOWANCE: AREA CATEGORY METHOD QUALIFYING LIGHTING SYSTEM**  
This section does not apply to this project.

**K. TAILORED METHOD GENERAL LIGHTING POWER ALLOWANCE**  
This section does not apply to this project.

**L. ADDITIONAL LIGHTING ALLOWANCE: TAILORED WALL DISPLAY**  
This section does not apply to this project.

**M. ADDITIONAL LIGHTING ALLOWANCE: TAILORED FLOOR AND TASK LIGHTING**  
This section does not apply to this project.

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance  
Report Version: 2019.0.001  
Schema Version: rev. 20190401  
Registration Date/Time: 2020-05-08 14:51:18  
Registration Provider: Energysoft

STATE OF CALIFORNIA  
**Indoor Lighting**  
NRECC-LTI-1  
CALIFORNIA ENERGY COMMISSION  
NRECC-LTI-4  
Page 7 of 7  
Project Name: UCR Physics 2000 Renewal Report Page: 900 University Ave Date Prepared: 5/8/2022

**DOCUMENTATION AUTHOR'S DECLARATION STATEMENT**  
I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Luis E. Peltre  
Signature: [Signature]  
Date: 2020-05-08  
Address: 9320 Baseline Rd, Suite C  
City/State/Zip: Rancho Cucamonga CA 91701  
Phone: (909)941-3008

**RESPONSIBLE PERSON'S DECLARATION STATEMENT**  
I certify the following under penalty of perjury, under the laws of the State of California:  
1. The information provided on this Certificate of Compliance is true and correct.  
2. I am eligible under Division 5 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).  
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 1.4 of the California Code of Regulations.  
4. The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.  
5. I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit(s) issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: Rolando E. Sobello  
Signature: [Signature]  
Date Signed: 2020-05-08  
Address: 9320 Baseline Rd, Suite C  
City/State/Zip: Rancho Cucamonga CA 91701  
Phone: (909)941-3008

Registration Number: CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance  
Report Version: 2019.0.001  
Schema Version: rev. 20190401  
Registration Date/Time: 2020-05-08 14:51:18  
Registration Provider: Energysoft



OFFICE OF ARCHITECTS & ENGINEERS
1223 UNIVERSITY AVENUE, SUITE 240
RIVERSIDE, CA 92507
TEL: (951) 827-4706 FAX: (951) 827-2402



Institutional Designs & Architectural Services
3803 10th Street, Riverside, CA 92501-3521
Tel: (951) 342-3135 Fax: (951) 342-3137

Architect's Data:



Architect's Stamp: Consultants Stamp:

PROJECT TITLE
UCR
DMFI PROJECTS 2019
PHYSICS 2000 RENEWAL
CONSTRUCTION DOCUMENTS

REVISIONS

Table with 3 columns: REV #, DESCRIPTION, DATE

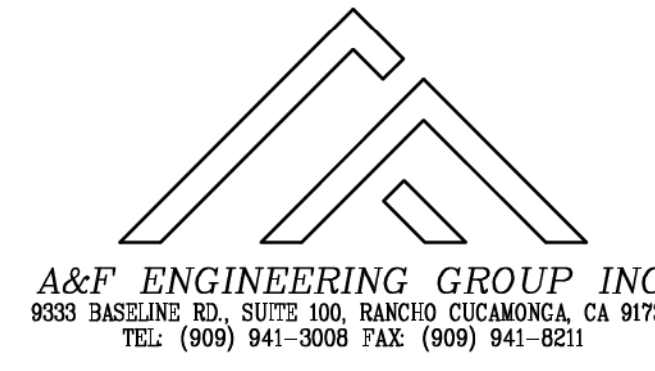
APPROVED stamp and CONSULTANTS DATA section

Project Title
UCR
DMFI PROJECTS 2019
PHYSICS 2000 RENEWAL

UCR project manager
SCOTT DONNEL

Table with 2 columns: role, name
AS NOTED, J.D.
S.C., 05/11/20

Drawing Name: TITLE 24 COMPLIANCE FORMS
Sheet No: E-005 OF 1



A&F ENGINEERING GROUP INC.
9333 BASILINS RD., SUITE 100, RANCHO CUCAMONCA, CA 91700
TEL: (909) 941-3008 FAX: (909) 941-8211

CERTIFICATE OF COMPLIANCE
Outdoor Lighting
Project Name: UCR Physics 2000 Renewal
Project Address: 900 University Ave

Table with 10 columns: 01-10, detailing lighting fixture schedule and compliance results.

NOTES: Selections with a \* require a note in the space below explaining how compliance is achieved.
FOOTNOTES: Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per §130.2(c).

Registration Number, Date/Time, Provider: Energysoft
CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

CERTIFICATE OF COMPLIANCE
Outdoor Lighting
Project Name: UCR Physics 2000 Renewal
Project Address: 900 University Ave

Table with 10 columns: 01-10, detailing lighting fixture schedule and compliance results.

EXISTING CONDITIONS POWER ALLOWANCE (alterations only)
This section does not apply to this project.

Table with 2 columns: Yes/No, Field Inspector Pass/Fail
Form/Title: NRC-ITO-Q1-E - Must be submitted for all buildings

Table with 2 columns: Yes/No, Field Inspector Pass/Fail
Form/Title: NRC-ITO-Q2-E - Must be submitted for a lighting control system...

Registration Number, Date/Time, Provider: Energysoft
CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

CERTIFICATE OF COMPLIANCE
Outdoor Lighting
Project Name: UCR Physics 2000 Renewal
Project Address: 900 University Ave

Table with 10 columns: 01-10, detailing lighting fixture schedule and compliance results.

EXCEPTIONAL CONDITIONS
This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

ADDITIONAL REMARKS
This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

Registration Number, Date/Time, Provider: Energysoft
CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

CERTIFICATE OF COMPLIANCE
Outdoor Lighting
Project Name: UCR Physics 2000 Renewal
Project Address: 900 University Ave

Table with 10 columns: 01-10, detailing lighting fixture schedule and compliance results.

LIGHTING POWER ALLOWANCE (per §140.7)
This table includes areas using allowance calculations per §140.7, General Hardscape Allowance is per Table 140.7.2, while "Use It or Lose It" Allowances are per Table 140.7.2.

Table with 10 columns: 01-10, detailing lighting fixture schedule and compliance results.

LIGHTING ALLOWANCE: PER APPLICATION
This section does not apply to this project.

LIGHTING ALLOWANCE: SALES FRONTAGE
This section does not apply to this project.

LIGHTING ALLOWANCE: ORNAMENTAL
This section does not apply to this project.

LIGHTING ALLOWANCE: PER SPECIFIC AREA
This section does not apply to this project.

Registration Number, Date/Time, Provider: Energysoft
CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

CERTIFICATE OF COMPLIANCE
Outdoor Lighting
Project Name: UCR Physics 2000 Renewal
Project Address: 900 University Ave

Table with 4 columns: 01-04, detailing general information.

PROJECT SCOPE
This table includes outdoor lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in §140.7 or §141.0(b)(2), for alterations.

Table with 5 columns: 01-05, detailing project scope and compliance.

Registration Number, Date/Time, Provider: Energysoft
CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

CERTIFICATE OF COMPLIANCE
Outdoor Lighting
Project Name: UCR Physics 2000 Renewal
Project Address: 900 University Ave

Table with 5 columns: 01-05, detailing lighting fixture schedule and compliance results.

OUTDOOR LIGHTING CONTROLS
This table demonstrates compliance with control requirements for all new or altered luminaires installed as part of the permit application.

Table with 5 columns: 01-05, detailing lighting fixture schedule and compliance results.

NOTES: Controls with a \* require a note in the space below explaining how compliance is achieved.
EX: Not permitted by health & safety to be turned off: EXCEPTION 1 to §140.2(c).

Registration Number, Date/Time, Provider: Energysoft
CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

CERTIFICATE OF COMPLIANCE
Outdoor Lighting
Project Name: UCR Physics 2000 Renewal
Project Address: 900 University Ave

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Luis E. Flores
Signature Date: 2020-05-08

RESPONSIBLE PERSON'S DECLARATION STATEMENT
I certify the following under penalty of perjury, under the laws of the State of California:

- 1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 1 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).

Responsible Designer Name: Rolando E. Sobello
Signature Date: 2020-05-08

Registration Number, Date/Time, Provider: Energysoft
CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance

CERTIFICATE OF COMPLIANCE
Outdoor Lighting
Project Name: UCR Physics 2000 Renewal
Project Address: 900 University Ave

Registration Number, Date/Time, Provider: Energysoft
CA Building Energy Efficiency Standards - 2019 Nonresidential Compliance



UNIVERSITY OF CALIFORNIA RIVERSIDE

OFFICE OF ARCHITECTS & ENGINEERS

1223 UNIVERSITY AVENUE, SUITE 240  
RIVERSIDE, CA 92507  
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Institutional Designs & Architectural Services  
3800 10th Street, Riverside, CA 92501-3521  
Tel: (951) 342-3135 Fax: (951) 342-3137

Architect's Date:

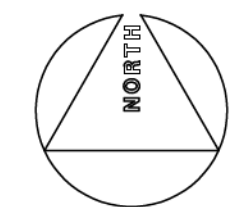
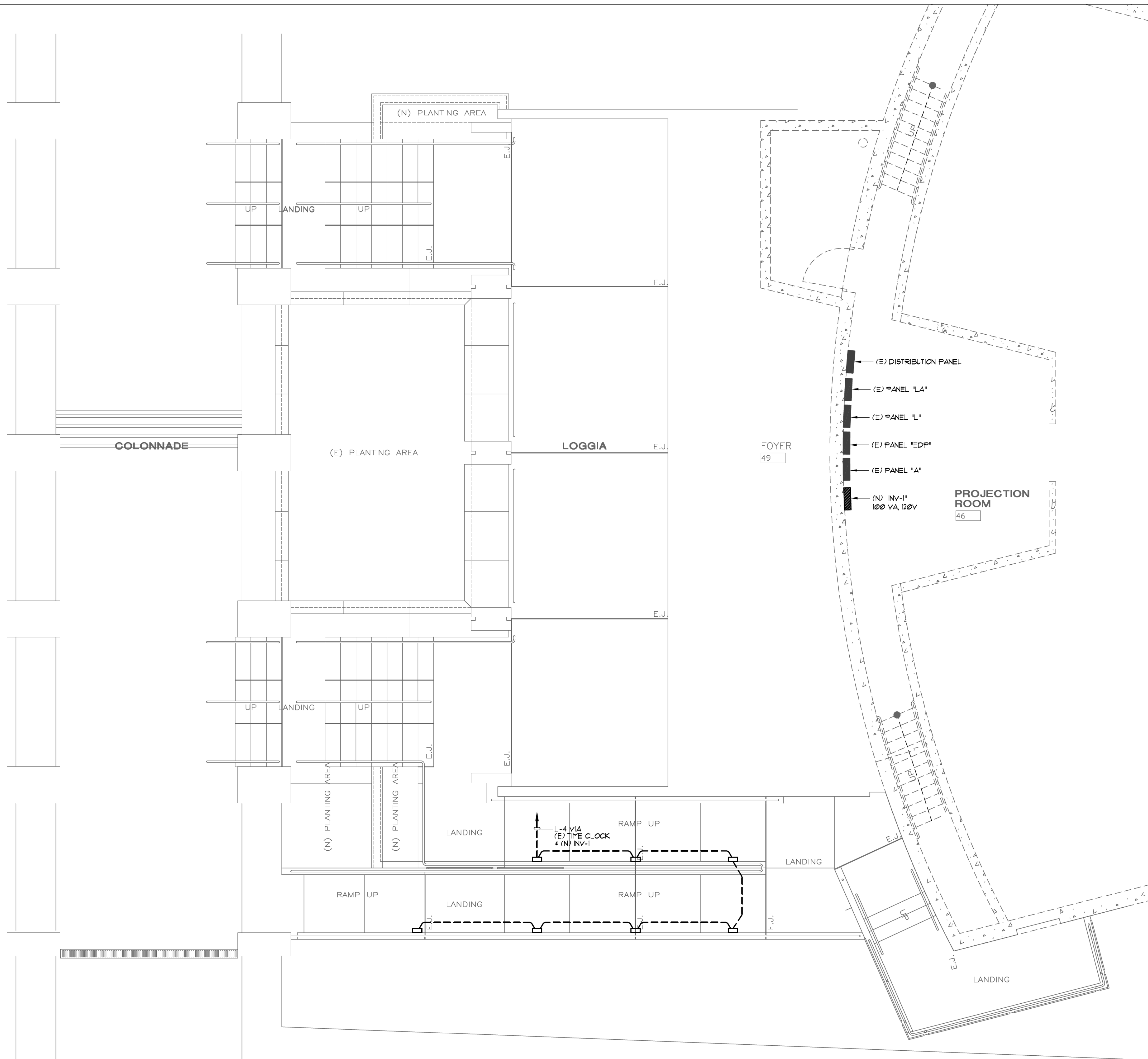


Architect's Stamp:

Consultants Stamp:

PLAN NOTES:

- 1 REFER TO LIGHTING FIXTURE SCHEDULE, DRAWING E001, FOR TYPE OF FIXTURE TO BE PROVIDED AND INSTALLED.
- 2 CONDUIT ROUTING INDICATED ON THESE PLANS IS DIAGRAMMATIC. ACTUAL ROUTING OF UNDERGROUND CONDUITS SHALL BE COORDINATED IN THE FIELD TO AVOID INTERFERENCE WITH OTHER UTILITIES AND TRADES.
- 3 IT SHALL BE THIS CONTRACTOR'S RESPONSIBILITY TO MAINTAIN REQUIRED CLEARANCES BETWEEN UNDERGROUND ELECTRICAL CONDUITS AND FOOTINGS. CONDUIT STUB-UPS SHALL NOT BE INSTALLED IN FOOTINGS. EXACT METHOD FOR STUBBING-UP CONDUITS AT FOOTING LOCATIONS SHALL BE COORDINATED IN THE FIELD WITH THE GENERAL CONTRACTOR AND THE ARCHITECT.
- 4 REFER TO DRAWING E001, GENERAL NOTES, FOR ADDITIONAL REQUIREMENTS.
- 5 CONTRACTOR TO MEET AND COORDINATE WITH THE TITLE 24 ACCEPTANCE TESTER PRIOR TO THE BEGINNING OF THE PROJECT TO VERIFY ALL TITLE 24 ACCEPTANCE TEST REQUIREMENTS AND DOCUMENTS TO BE COMPLETED. CONTRACTOR SHALL PROVIDE, COMPLETE AND SUBMIT ALL REQUIRED TITLE 24 ACCEPTANCE TEST DOCUMENTS AS REQUIRED BY THE T24 ACCEPTANCE TESTER.



SITE PLAN

1/4" = 1'-0" 1

**A&F ENGINEERING GROUP INC.**  
9333 BASSELING RD., SUITE 100, RANCHO CUCAMONCA, CA 91730  
TEL: (909) 941-3008 FAX: (909) 941-8211

REVISIONS

REV #	DESCRIPTION	DATE

**APPROVED**  
 T. RIVERSIDE  
 Civil/Planning, Design & Construction Specialties  
 Building, Safety and Construction Division  
 CAMPUS BUILDING PERMIT

OFFICE OF THE DEPUTY FIRE MARSHAL  
 APPROVED FOR FIRE AND PAUC ONLY  
 07/07/2020

Approved by: [Signature]  
 For and on Behalf of: [Signature]

Consultants Date:

Project Title  
 UCR  
 DMFI PROJECTS 2019  
 PHYSICS 2000 RENEWAL

UCR project manager  
 SCOTT DONNEL

scale AS NOTED	sd approval
Drawn by J.D.	dd approval
Checked by S.C.	cd approval 05/11/20
UCR project no. 957443	construction release
dao number	

Drawing Name: SITE PLAN  
 Sheet No.: E-100 OF 1



UNIVERSITY OF CALIFORNIA RIVERSIDE

OFFICE OF ARCHITECTS & ENGINEERS

1223 UNIVERSITY AVENUE, SUITE 240 RIVERSIDE, CA, 92507 TEL:(951) 827-4706 FAX:(951) 827-2402



Institutional Designs & Architectural Services 3803 10th Street, Riverside, CA 92501-3521 Tel: (951) 342-3135 Fax: (951) 342-3137

Architect's Data:

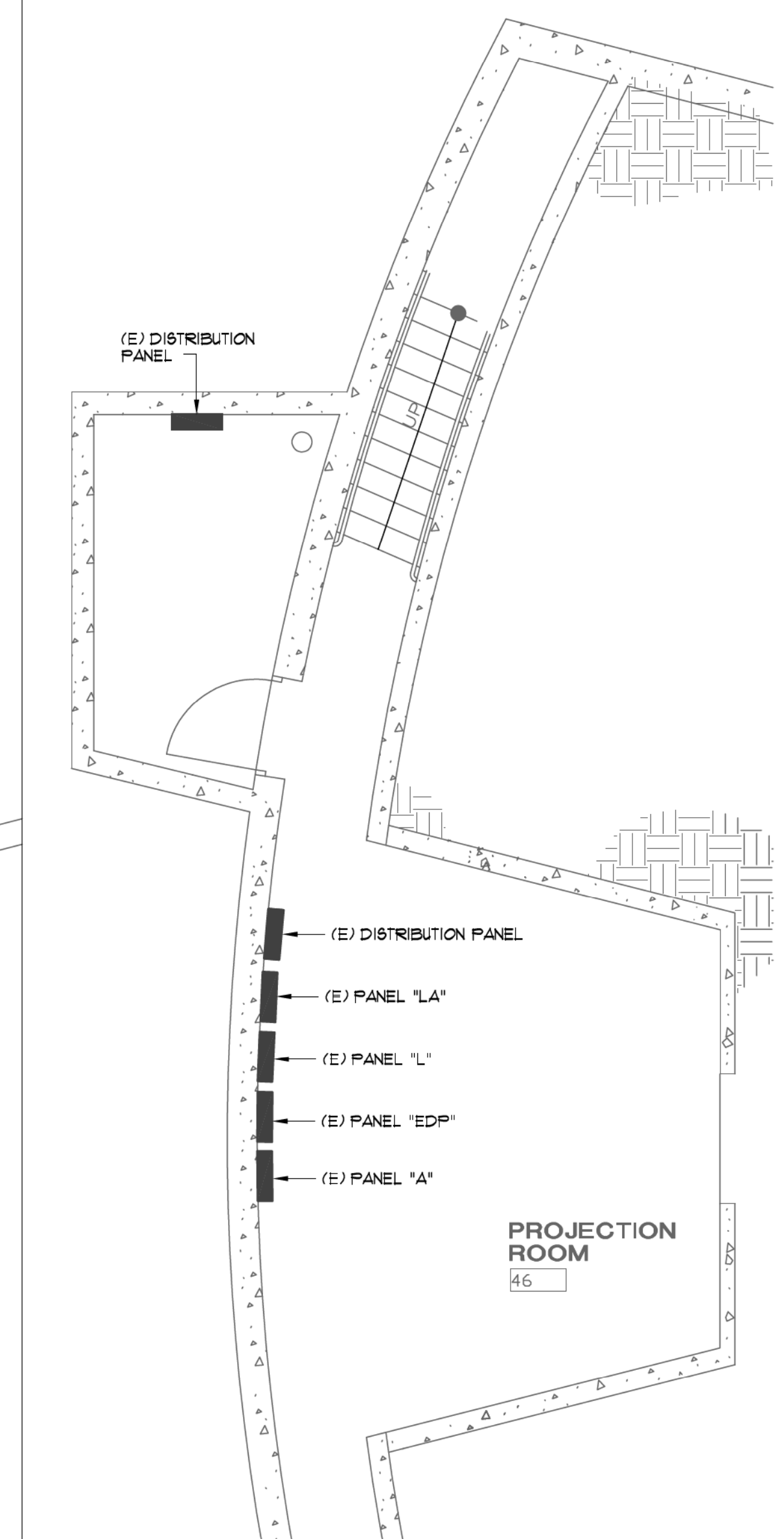
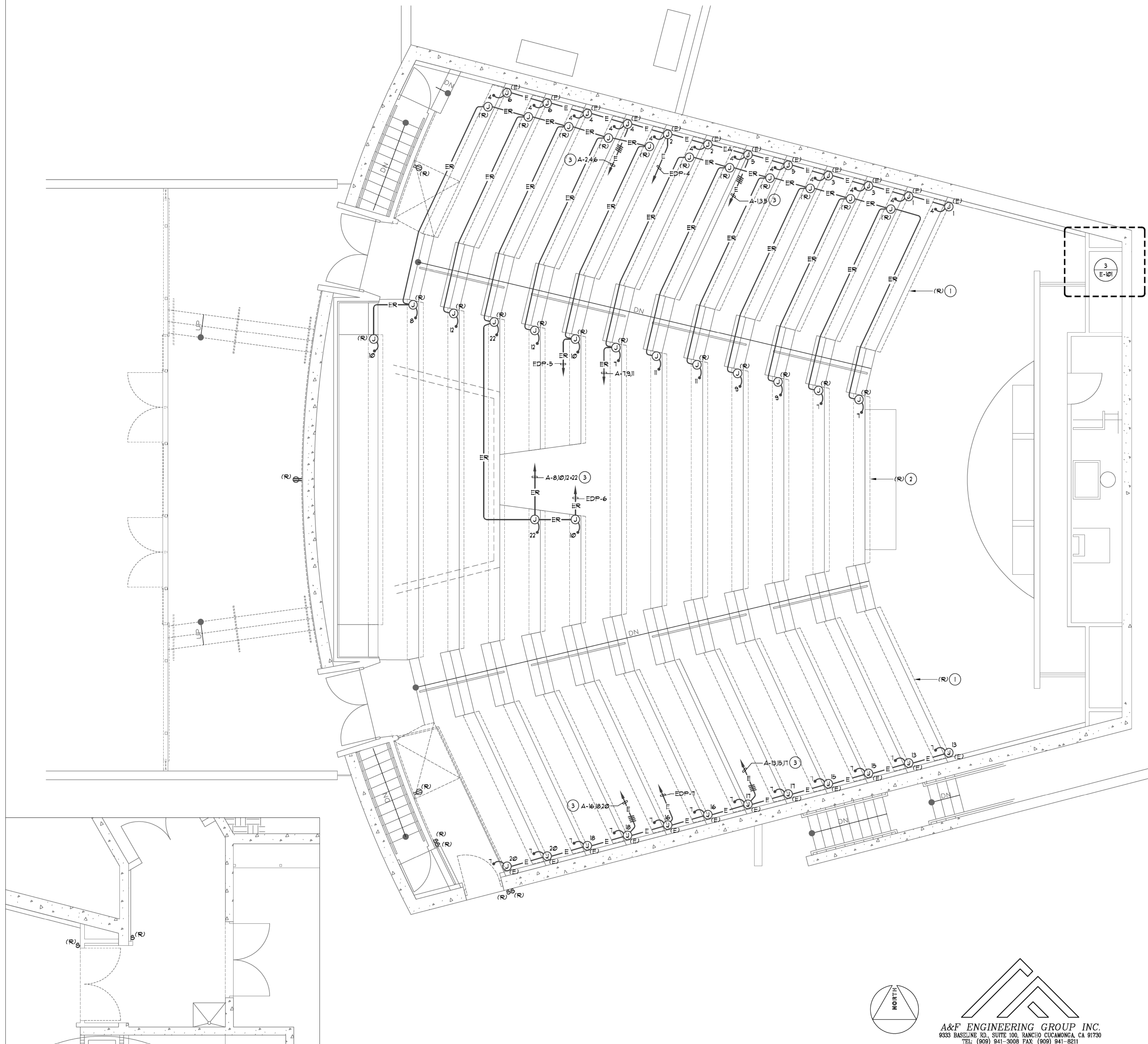


Architect's Stamp:

Consultants Stamp:

PLAN NOTES

- 1 CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING RECEPTACLES/FIXTURES, DISCONNECT AND REMOVE CONDUIT AND CIRCUIT CONDUCTORS BACK TO THE SERVING J-BOX/CONDUIT BODY AT WALL. PROTECT CIRCUIT CONDUCTORS IN PLACE AT THE WALL J-BOX/CONDUIT BODY.
- 2 CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING RECEPTACLES/FIXTURES, DISCONNECT AND REMOVE CONDUIT AND CIRCUIT CONDUCTORS BACK TO THE CONDUIT HOME-RUN TO THE SERVING PANEL. PROTECT CIRCUIT CONDUCTORS IN PLACE AT THE CONDUIT HOME-RUN LOCATION. TYPICAL FOR CENTER/MIDDLE SEATING ROWS.
- 3 EXISTING CIRCUITS IDENTIFIED ON PLAN TO REMAIN ARE TO BE RE-USED AND PROVIDE POWER TO THE NEW FURNITURE INDICATED ON THE ARCHITECTURAL PLANS.
- 4 ALL CIRCUITS SERVING THE REMODEL AREA, WHETHER IDENTIFIED ON PLAN OR NOT, SHALL BE TRACED AND IDENTIFIED PRIOR TO START OF THE DEMOLITION PHASE. CIRCUITS AFFECTED BY THE REMODEL THAT SERVE AREAS OF THE BUILDING THAT ARE NOT A PART OF THE REMODEL SHALL BE MAINTAINED IN OPERATION DURING THE CONSTRUCTION PHASE. INTERRUPTION OF SERVICE WILL NOT BE ALLOWED. ALL TRACED CIRCUITS WHICH ARE TO REMAIN IN OPERATION SHALL BE IDENTIFIED ON THE SERVING BRANCH CIRCUIT PANEL DIRECTORY. CONTRACTOR SHALL PROVIDE NEW UPDATED TYPED PANEL DIRECTORIES.
- 5 REFER TO REMODEL PLANS FOR ADDITIONAL REQUIREMENTS.
- 6 REFER TO GENERAL NOTES AND DEMOLITION NOTES, SHEET E-01, FOR ADDITIONAL REQUIREMENTS.



PROJECT TITLE

UCR DMFI PROJECTS 2019 PHYSICS 2000 RENEWAL CONSTRUCTION DOCUMENTS

REVISIONS

REV #	DESCRIPTION	DATE

APPROVED UCR RIVERSIDE  
 Office of University Design & Construction  
 Building Safety and Compliance Division  
 Date of Approval: 07/07/2020  
 Approved by: [Signature]

Consultants Data: Project Title UCR DMFI PROJECTS 2019 PHYSICS 2000 RENEWAL

UCR project manager	SCOTT DONNEL
scale	AS NOTED
Drawn by	J.D.
Checked by	S.C.
UCR project no.	957443
dia number	

Drawing Name 1ST FLOOR DEMO. PLAN Sheet No. E-101 OF 1

ENLARGED AUTO. DOOR 1/4" = 1'-0" 3

1ST FLOOR DEMO. PLAN 1/4" = 1'-0" 1

BASEMENT DEMO PLAN 1/4" = 1'-0" 2

A&F ENGINEERING GROUP INC.  
 9333 BASELINE RD., SUITE 100, RANCHO CUCAMONGA, CA 91730  
 TEL: (909) 941-3008 FAX: (909) 941-8211



UNIVERSITY OF CALIFORNIA RIVERSIDE

OFFICE OF ARCHITECTS & ENGINEERS

1223 UNIVERSITY AVENUE, SUITE 240 RIVERSIDE, CA 92507 TEL:(951) 927-4706 FAX:(951) 927-2402



Institutional Designs & Architectural Services 3800 10th Street, Riverside, CA 92501-3521 Tel: (951) 342-3135 Fax: (951) 342-3137

Architect's Date:



Architect's Stamp:

Consultants Stamp:

PROJECT TITLE

UCR DMFI PROJECTS 2019 PHYSICS 2000 RENEWAL CONSTRUCTION DOCUMENTS

REVISIONS

REV #	DESCRIPTION	DATE

APPROVED 07/07/2020

OFFICE OF THE CHIEF PE ENGINEER, APPROVED FOR PERMITS ONLY

Approved of this plan does not constitute or represent approval or disapproval from applicable regulatory agencies or other governmental entities. The seal of approval does not constitute an endorsement of any product or service.

Consultants Data:

Project Title UCR DMFI PROJECTS 2019 PHYSICS 2000 RENEWAL

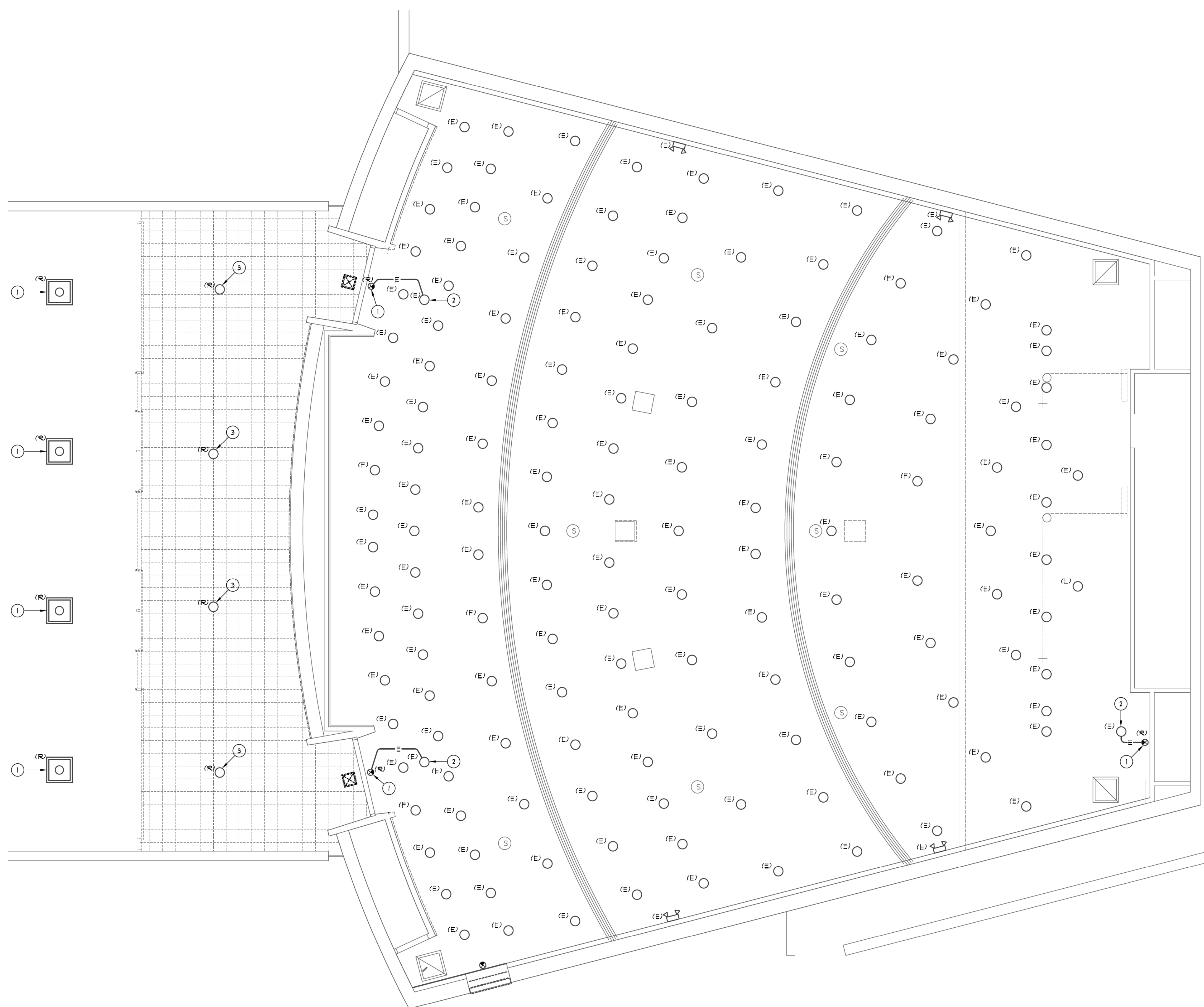
UCR project manager SCOTT DONNEL

scale AS NOTED	sd approval
Drawn by J.D.	sd approval
Checked by S.C.	sd approval 05/11/20
UCR project no. 957443	construction release
dia number	

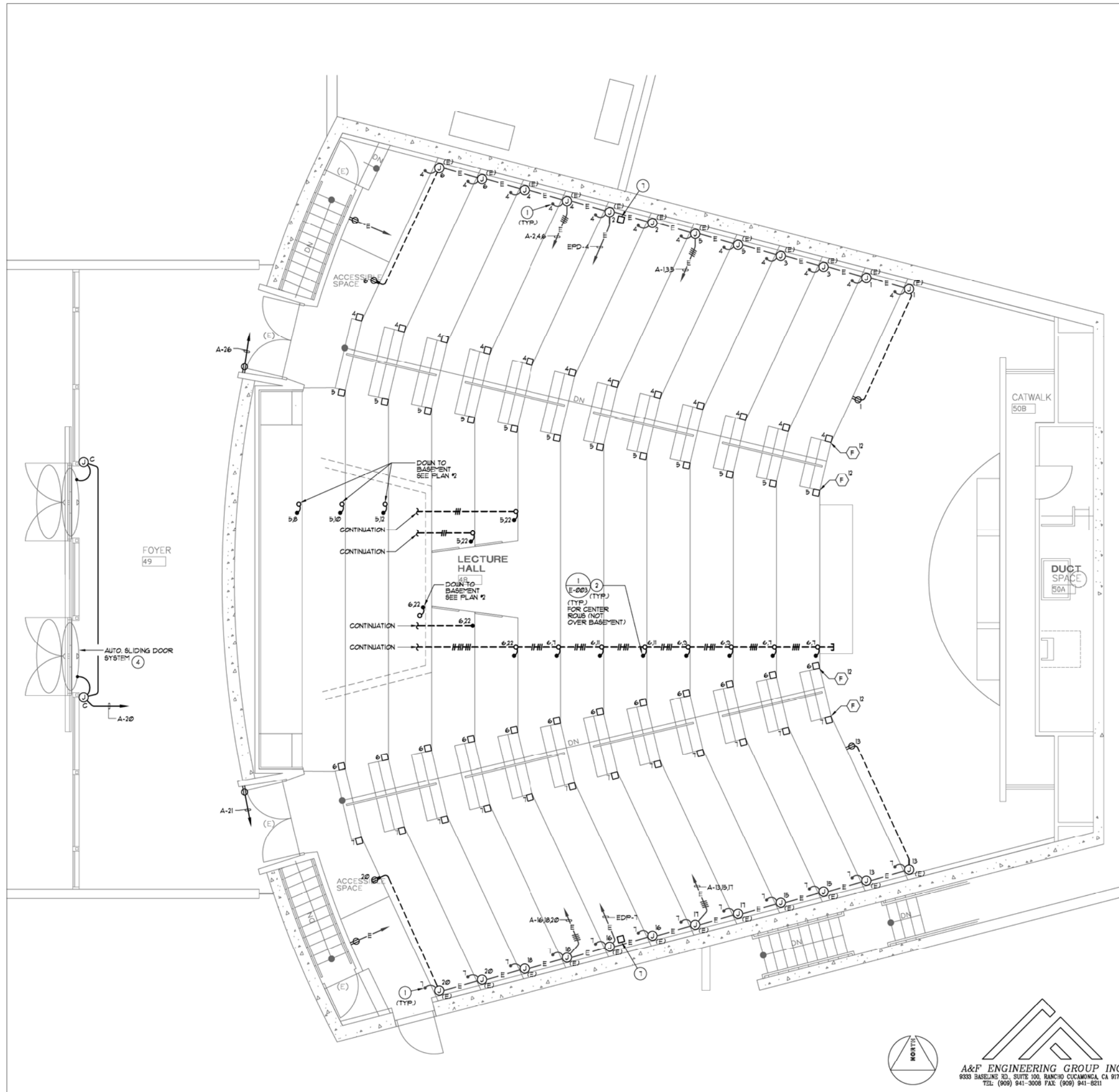
Drawing Name 1ST FLOOR DEMO. LIGHTING PLAN Sheet No. E-102 OF 1

PLAN NOTES

- CONTRACTOR SHALL DISCONNECT AND REMOVE LIGHT FIXTURE ONLY. EXISTING BACK-BOX/OUTLET BOX TO BE RE-USED TO SERVE THE NEW LIGHT FIXTURES. EXISTING CIRCUIT/CONTROL CONDUCTORS ARE TO BE PROTECTED IN PLACE.
- EXISTING NIGHT-LIGHT (ALWAYS ON) CIRCUIT TO BE USED TO PROVIDE TO THE NEW EMERGENCY LIGHT FIXTURES.
- CONTRACTOR SHALL DISCONNECT AND REMOVE EXISTING LIGHT FIXTURE, CONDUIT AND CIRCUIT CONDUCTORS BACK TO THE SERVING PANEL OR LAST REMAINING FIXTURE ON THE CIRCUIT.
- ALL CIRCUITS SERVING THE REMODEL AREA, WHETHER IDENTIFIED ON PLAN OR NOT, SHALL BE TRACED AND IDENTIFIED PRIOR TO START OF THE DEMOLITION PHASE. CIRCUITS AFFECTED BY THE REMODEL THAT SERVE AREAS OF THE BUILDING THAT ARE NOT A PART OF THE REMODEL SHALL BE MAINTAINED IN OPERATION DURING THE CONSTRUCTION PHASE. INTERRUPTION OF SERVICE WILL NOT BE ALLOWED. ALL TRACED CIRCUITS WHICH ARE TO REMAIN IN OPERATION SHALL BE IDENTIFIED ON THE SERVING BRANCH CIRCUIT PANEL DIRECTORY. CONTRACTOR SHALL PROVIDE NEW UPDATED TYPED PANEL DIRECTORIES.
- REFER TO REMODEL PLANS FOR ADDITIONAL REQUIREMENTS.
- REFER TO GENERAL NOTES AND DEMOLITION NOTES, SHEET E-01, FOR ADDITIONAL REQUIREMENTS.



**A&F ENGINEERING GROUP INC.**  
 9333 BASELINE RD., SUITE 100, RANCHO CUCAMONGA, CA 91730  
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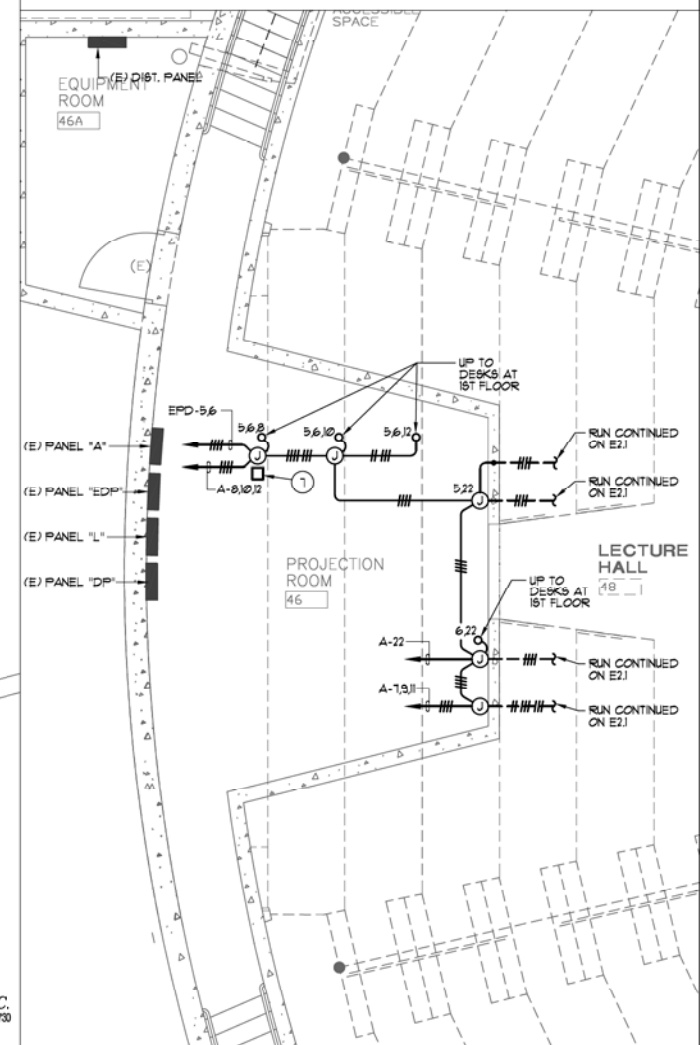
1st FLOOR POWER PLAN

1/4" = 1'-0" 1

**PLAN NOTES**

- 1 PROVIDE NEW FLEXIBLE CONDUIT WHIP/CONNECTION FROM THE EXISTING J-BOX/CONDUIT BODY AT WALL TO THE NEW FURNITURE INDICATED ON THE ARCHITECTURAL DRAWINGS. PROVIDE REQUIRED CONDUIT FITTINGS AND ACCESSORIES TO MODIFY THE EXISTING CONDUIT SYSTEM TO ACCOMMODATE THE NEW FURNITURE WHIP. COORDINATE FINAL CONNECTION TO THE FURNITURE WITH THE FURNITURE VENDOR.
- 2 CONTRACTOR SHALL CORE/DRILL NEW RACEWAYS IN EXISTING CONCRETE DECK AND RISERS TO ROUTE NEW CIRCUIT CONDUCTORS TO THE NEW FURNITURE IN THE CENTER/MIDDLE SEATING ROWS. THE CONTRACTOR SHALL PROVIDE AND INSTALL A WIREMOLD RCTAFFTCB5-LJ55 FPOKE-THRU FITTING AT EACH DECK TO PROVIDE SERVICE TO THE NEW FURNITURE. PROVIDE NEW FLEXIBLE CONDUIT WHIP/CONNECTION FROM THE FPOKE-THRU FURNITURE FEED COVER TO THE FURNITURE INDICATED ON THE ARCHITECTURAL DRAWINGS. COORDINATE FINAL CONNECTION TO THE FURNITURE WITH THE FURNITURE VENDOR.
- 3 CONTRACTOR SHALL DRILL EXISTING DECK AS REQUIRED TO INSTALL A WIREMOLD RCTAFFTCB5 FPOKE-THRU FITTING AT EACH DECK TO PROVIDE SERVICE TO THE NEW FURNITURE. PROVIDE NEW FLEXIBLE CONDUIT WHIP/CONNECTION FROM THE FPOKE-THRU FURNITURE FEED COVER TO THE FURNITURE INDICATED ON THE ARCHITECTURAL DRAWINGS. COORDINATE FINAL CONNECTION TO THE FURNITURE WITH THE FURNITURE VENDOR.
- 4 CONTRACTOR SHALL COORDINATE FINAL CONNECTION TO THE AUTOMATIC DOOR OPERATOR WITH THE AUTO DOOR INSTALLER/VENDOR PRIOR TO ROUGH-IN AND PROVIDE MATERIAL AND LABOR REQUIRED FOR A FULLY FUNCTIONAL SYSTEM.
- 5 REFER TO DEMOLITION PLANS FOR ADDITIONAL REQUIREMENTS.
- 6 REFER TO GENERAL NOTES AND DEMOLITION NOTES, SHEET E-02, FOR ADDITIONAL REQUIREMENTS.
- 7 DRIVER TO BE WALL MOUNTED IN NEMA-1 BOX.

NO EXPOSED CONDUIT WILL BE ALLOWED.



BASEMENT PLAN

1/4" = 1'-0" 2



OFFICE OF ARCHITECTS & ENGINEERS  
1223 UNIVERSITY AVENUE, SUITE 240  
RIVERSIDE, CA 92507  
TEL: (951) 827-4706 FAX: (951) 827-2402



Architect's Date: \_\_\_\_\_  
Consultants Stamp: \_\_\_\_\_

PROJECT TITLE  
**UCR  
DMFI PROJECTS 2019  
PHYSICS 2000 RENEWAL**

CONSTRUCTION DOCUMENTS

REVISIONS		
REV #	DESCRIPTION	DATE

APPROVED  
**UCR RIVERSIDE**  
Office of Planning, Design & Construction Services  
Building, Safety and Compliance Division  
Contract Business Review

Consultants Date: \_\_\_\_\_

Project Title  
UCR  
DMFI PROJECTS 2019  
PHYSICS 2000 RENEWAL

UCR project manager  
**SCOTT DONNEL**

Scale	AS NOTED	sd approval
Drawn by	J.D.	sd approval
Checked by	S.C.	cd approval 05/11/20
UCR project no.	957443	construction release
Rev number		

Drawing Name  
1st FLOOR POWER PLAN

Sheet No.  
E-201  
OF 1



UNIVERSITY OF CALIFORNIA RIVERSIDE

OFFICE OF ARCHITECTS & ENGINEERS

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Institutional Designs & Architectural Services 3800 10th Street, Riverside, CA 92501-3521 Tel: (951) 342-3135 Fax: (951) 342-3137

Architect's Date:



Architect's Stamp:

Consultants Stamp:

PROJECT TITLE  
UCR  
DMFI PROJECTS 2019  
PHYSICS 2000 RENEWAL  
CONSTRUCTION DOCUMENTS

REV #	DESCRIPTION	DATE

APPROVED  
07/07/2020

OFFICE OF THE DEPUTY FIRE ENGINEER  
APPROPRIATE AND PAID ONLY

07/07/2020

Approval of this plan does not authorize or represent approval or disapproval from applicable agencies. The full approval process shall be complete on the drawing or all phases.

Reviewed by: *[Signature]*  
Fire and Life Safety Division

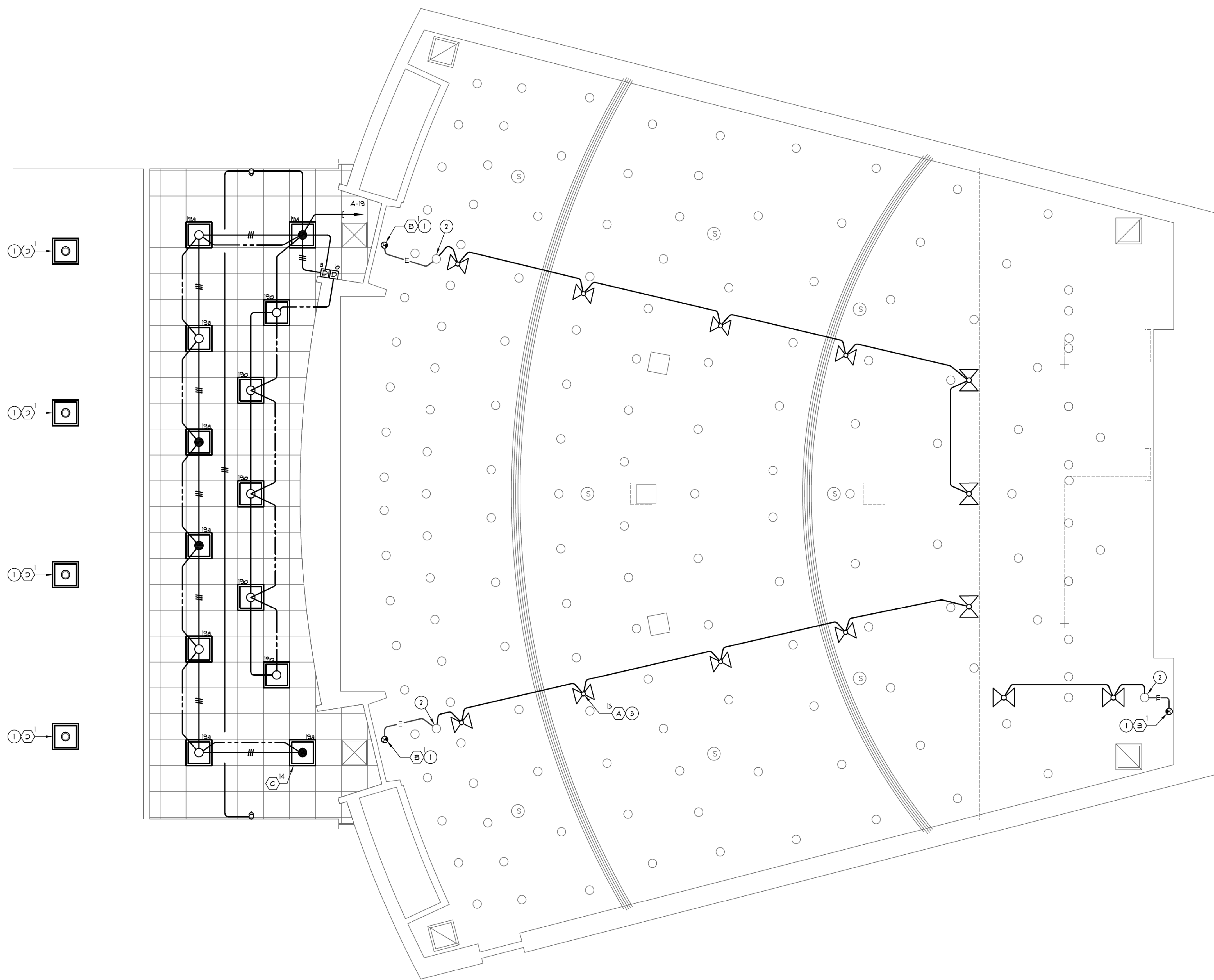
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UCR  
DMFI PROJECTS 2019  
PHYSICS 2000 RENEWAL

UCR project manager <b>SCOTT DONNEL</b>	
scale AS NOTED	sd approval
Drawn by J.D.	sd approval
Checked by S.C.	sd approval 05/11/20
UCR project no. 957443	construction release
dia number	

Drawing Name  
1ST FLOOR LIGHTING PLAN  
Sheet No.  
E-202  
OF 1

PLAN NOTES

- 1 NEW LIGHT FIXTURE IN PLACE OR REMOVED LIGHT FIXTURE. CONNECT NEW LIGHT FIXTURE TO EXISTING BACK-BOX AND CIRCUIT CONDUCTORS. PATCH, REPAIR AND RE-FINISH CEILING AS DIRECTED BY THE ARCHITECT.
- 2 EXTEND NEW CONDUIT AND CIRCUIT CONDUCTORS FROM EXISTING NIGHT-LIGHT FIXTURE TO THE NEW EMERGENCY LIGHT FIXTURES.
- 3 COORDINATE EXACT LOCATION OF THE NEW EMERGENCY LIGHT FIXTURES PRIOR TO ROUGH-IN TO AVOID INTERFERENCE WITH EXISTING CEILING MOUNTED LIGHT FIXTURES, DEVICES AND UTILITIES.
- 4 REFER TO DEMOLITION PLANS FOR ADDITIONAL REQUIREMENTS.
- 5 REFER TO GENERAL NOTES AND DEMOLITION NOTES, SHEET E-01, FOR ADDITIONAL REQUIREMENTS.

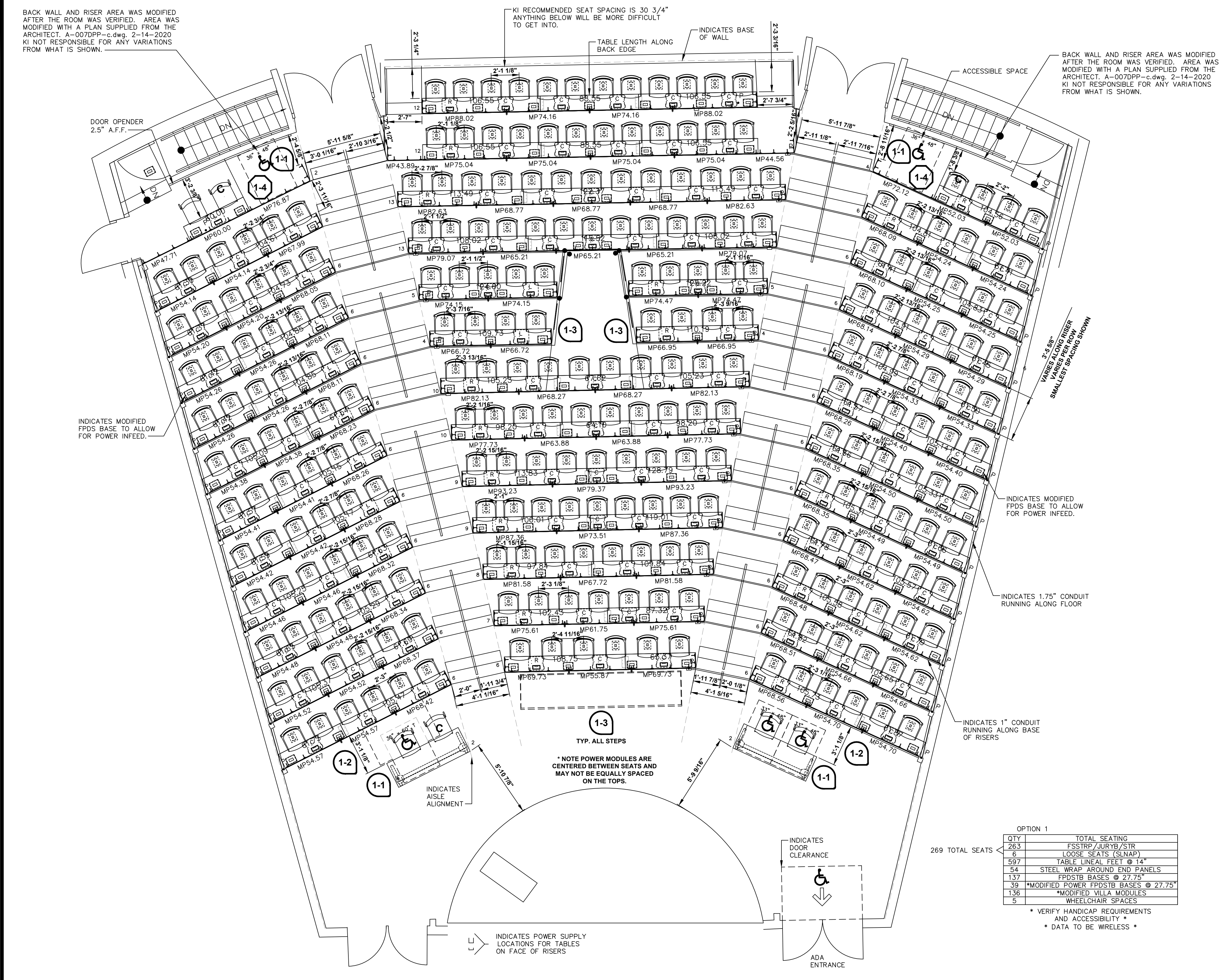
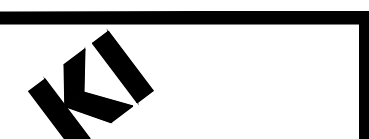


A&F ENGINEERING GROUP INC.  
9333 BASELINE RD., SUITE 100, RANCHO CUCAMONCA, CA 91730  
TEL: (909) 941-3008 FAX: (909) 941-8211

1ST FLOOR LIGHTING PLAN

1/4" = 1'-0" 1





OPTION 1

QTY	TOTAL SEATING
263	FSSTRIP/ABRYSTR
6	LOOSE SEATS (SNAP)
597	TABLE LINEN FEEL @ 14"
54	STEEL WRAP AROUND END PANELS
137	POSTER BASES @ 27.75"
39	MODIFIED POWER POSTER BASES @ 27.75"
136	MODIFIED VILLA MODULES
5	WHEELCHAIR SPACES

269 TOTAL SEATS

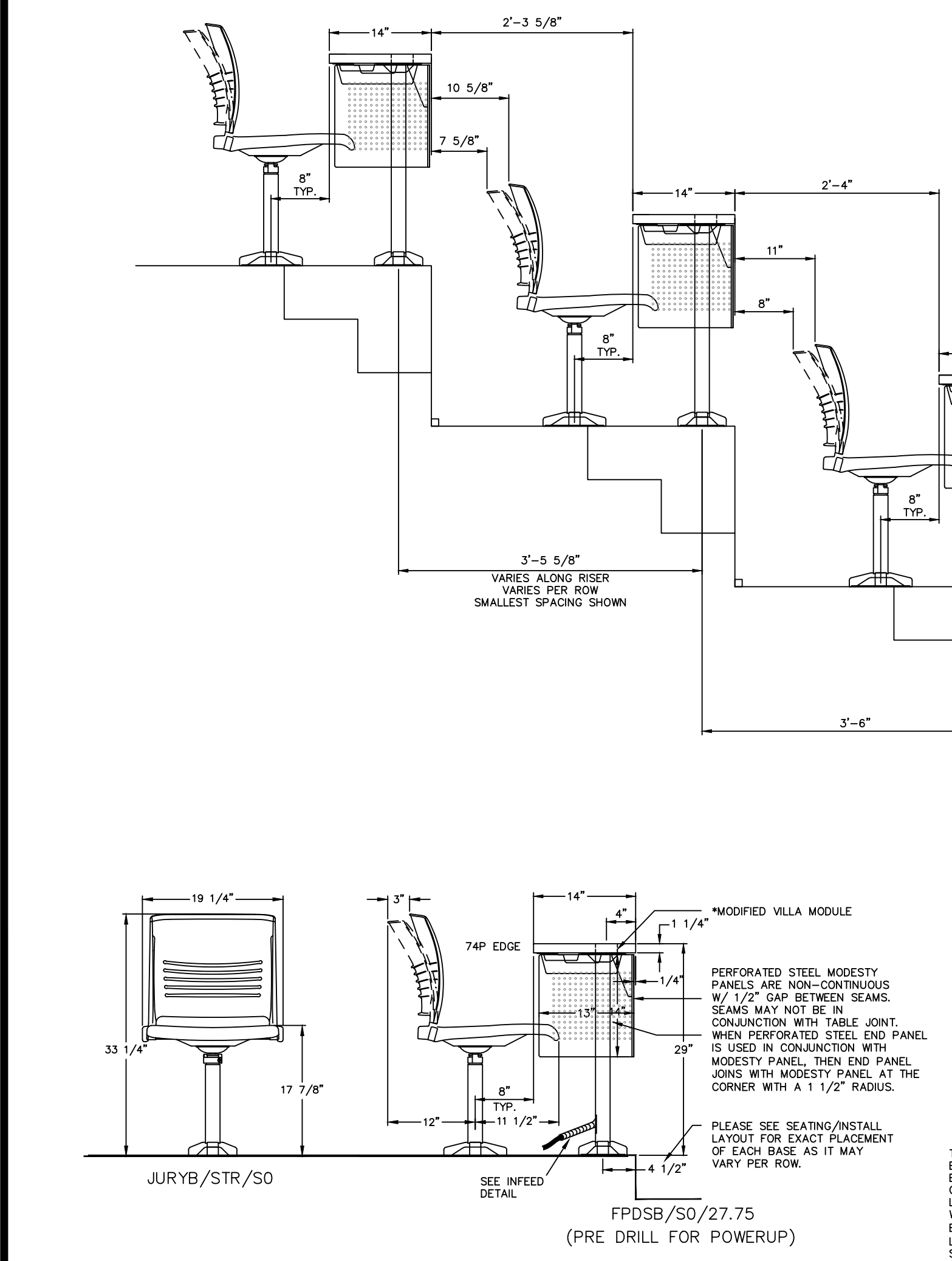
• VERIFY HANDICAP REQUIREMENTS AND ACCESSIBILITY •  
• DATA TO BE WIRELESS •

### SEATING LAYOUT - OPTION 1

1/4" = 1'-0"

FINISH SCHEDULE - CLASSROOM 2000 - OPTION 1

COMPONENT	MATERIAL	COLOR	CODE
STRIVE SHELL - ODD ROWS	POLY	SAND	PSA
STRIVE SHELL - EVEN ROWS	POLY	MORING	PNP
WORK SURFACE	LAMINATE	FLAX LINEN	LXF
WORK SURFACE EDGE	PVC FREE (74P)	MISTY BROWN	EM7
MODESTY PANEL	CONTINUOUS LAMINATE	FLAX LINEN	LXF
MODESTY PANEL EDGE	PVC FREE (74P)	MISTY BROWN	EM7
BASE / FRAME	POWERGRAY PAINT	MISTY BROWN	MY
POWER MODULE	MODIFIED - VILLA POWERUP MODULE	MISTY BROWN	MY



### ELEVATION - OPTION 1

3/4" = 1'-0"

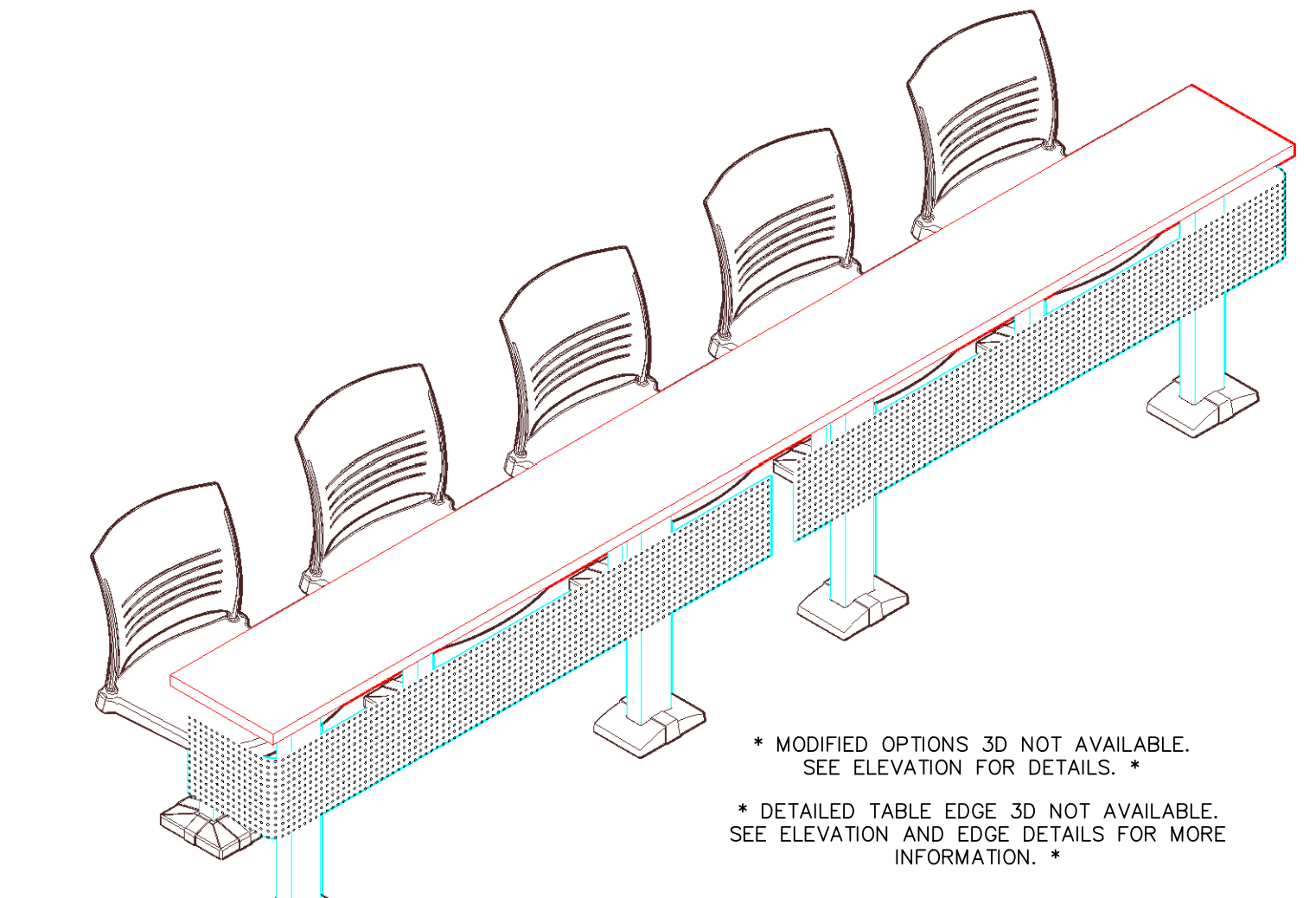
BASIC BASE SIDE INFED DETAIL  
THE LESS AND WIRELESS CHANGES HAVE NOT BEEN EVALUATED AS AN ELECTRICAL RACKWAY, THE ELECTRICAL SYSTEM, INCLUDING THE PERMANENT USE BASE THROUGH THE ABOVE FLOOR SIZE COVER WITH LOGICATED STRIKE METAL CONDUIT. AN ELECTRICIAN MUST SUPPLY A SUITABLE WRETING LOCAL CODES. CONTACT THE LOCAL ELECTRICAL SUPPLY CONNECTORS OUTSIDE OF THE LEG.

\*FULL ROTATION VIEWS\*

RECOMMENDED SEAT-TO-SEAT SPACING IS 30 3/4". ANYTHING BELOW WILL BE MORE DIFFICULT TO GET INTO.

### 3D SAMPLE - OPTION 1

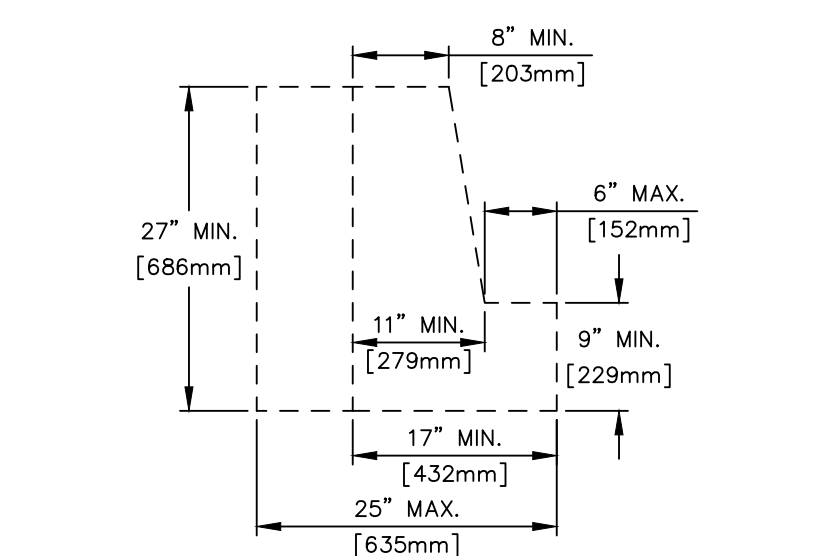
3/4" = 1'-0"



• MODIFIED OPTIONS 3D NOT AVAILABLE. SEE ELEVATION FOR DETAILS. •  
• DETAILED TABLE EDGE DETAIL NOT AVAILABLE. SEE ELEVATION AND EDGE DETAILS FOR MORE INFORMATION. •

### ADA KNEE AND TOE CLEARANCE

PER ICC A117.1-2009 SECTION 306



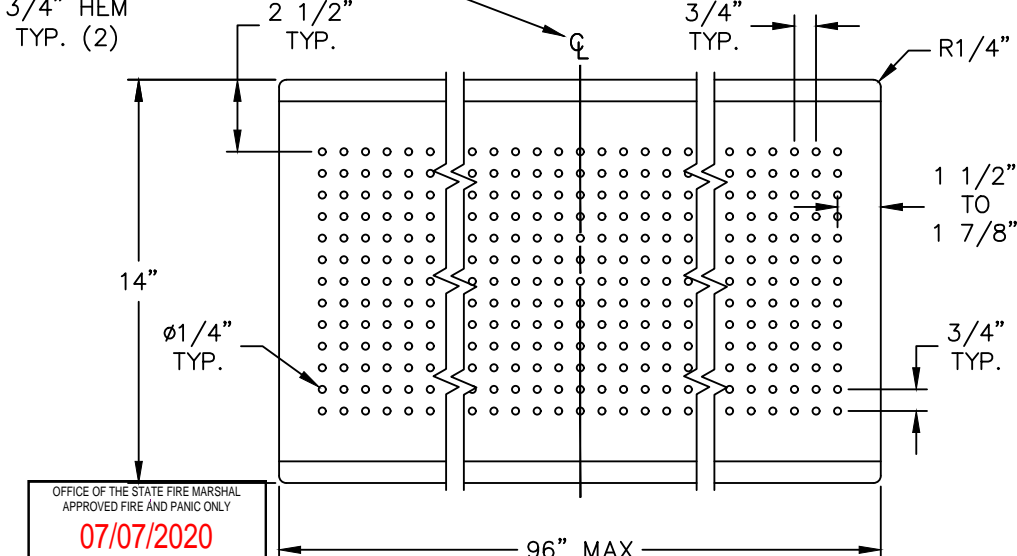
• PRODUCT ON LAYOUT MAY NOT COMPLY WITH REQUIREMENTS. SEE SEATING LAYOUT AND ELEVATION FOR MORE INFORMATION.

### PERFORATED STEEL MODESTY PANEL

VERSION 1.14

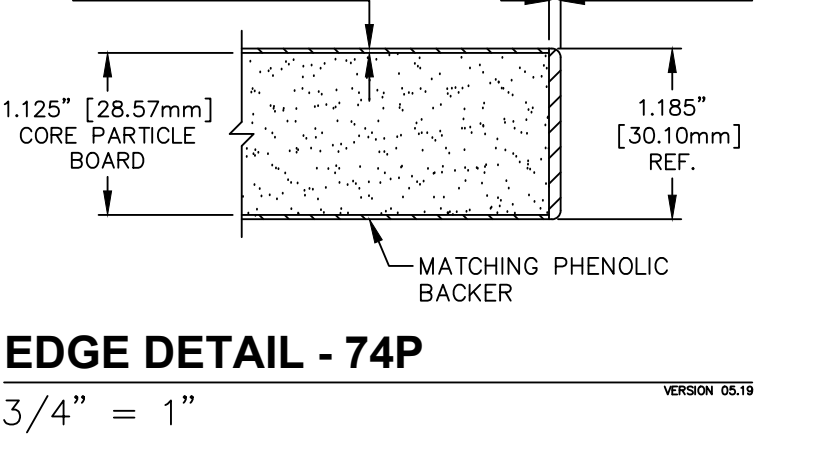
PATTERN TO START ON CENTERLINE OR 1/2 THE SPACING DISTANCE OFF CENTER TO ALLOW A MINIMUM AMOUNT OF VARIANCE ON THE END DIM.

PATTERN SPACING DESCRIPTION TO BE NOTED ON ORDER IF DIFFERENT THAN SHOWN.



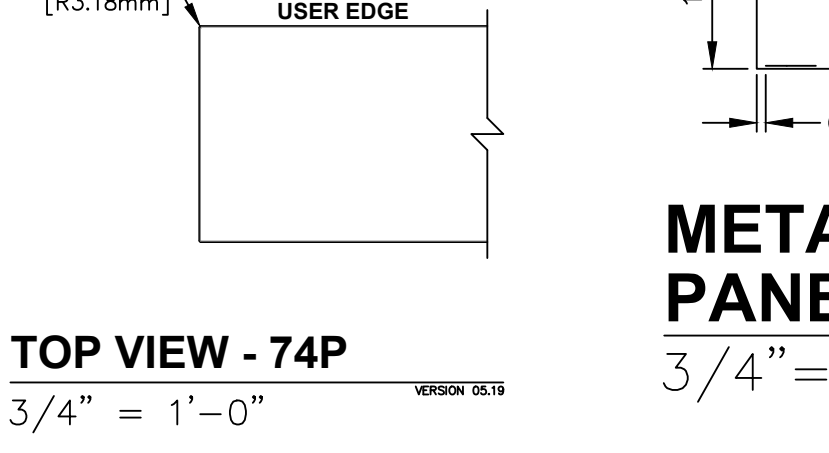
NOTE: SEATING CAPACITY WAS DETERMINED USING A MINIMUM SEAT SPACING OF 24\"/>

### EDGE DETAIL - 74P



3/4" = 1'

### TOP VIEW - 74P



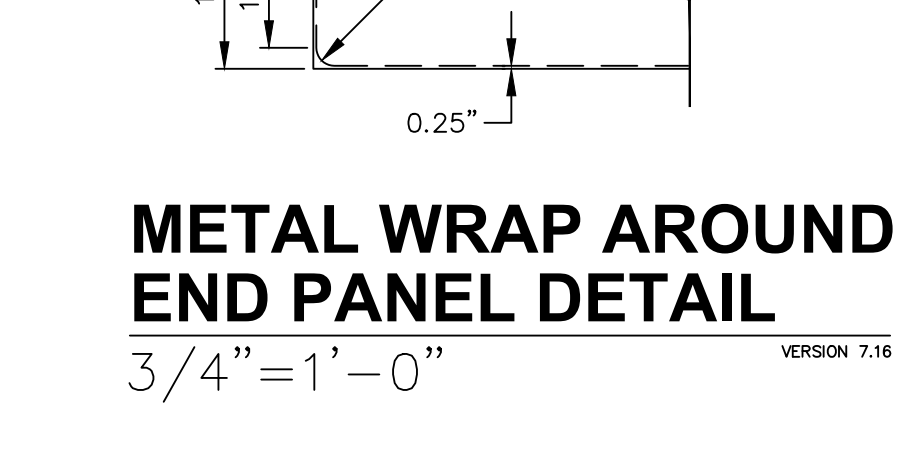
3/4" = 1'-0"

### USER EDGE



3/4" = 1'-0"

### METAL MODESTY PANEL DETAIL



3/4" = 1'-0"

### METAL WRAP AROUND END PANEL DETAIL



3/4" = 1'-0"

### SEMINAR & UNIVERSITY SEATING LEGEND

- MP = WORKING POINT
- C = COMPANION SEAT
- (14) = LAYOUT NOTE INDICATOR
- (B) = BASIC BASE (FPFB, FPFBTS, UNIVB)
- (S) = SELECT BASE (FPFCS, FPFBTS, UNIVS)
- I = MODESTY PANEL BRACKET
- M = ACRYLIC MODESTY PANEL BRACKET
- SPLIT = MODESTY PANEL SPLIT
- MP = MODESTY PANEL
- EP = END PANEL
- (J) = JOINT PLATE
- (M) = TABLE MARKER
- (D) = MODESTY PANEL MARKER
- P = POWER INFED
- D = DATA INFED
- (E) = ELECTRICAL CONNECTOR WITH TROUGH
- (E) = ELECTRICAL CONNECTOR
- (T) = TROUGH
- (R) = RECEPTACLE CIRCUIT NUMBER
- (S) = POWER INFED LOCATION (L, R, C)
- (S) = SHROUD (L, R, C)
- (S) = SHROUD & POWER MODULE (L, R, C)
- (S) = UNDER SURFACE SHROUD & POWER MODULE (L, R, C)
- (S) = REMOTE POWER TAP SHROUD & POWER MODULE INCLUDES ELECTRICAL CONNECTOR (L, L, R, R)

### JURY SEATING LEGEND

- MP = WORKING POINT
- C = COMPANION SEAT
- (D) = DESIGNATED AISLE SEAT
- (14) = LAYOUT NOTE INDICATOR
- (B) = FLOOR MOUNT BASIC BASE
- (S) = FLOOR MOUNT SELECT BASE
- (H) = FLOOR MOUNT ADJUSTABLE HEIGHT BASE
- (F) = FIXED HEIGHT JURY SWING BASE
- (A) = ADJUSTABLE HEIGHT JURY SWING BASE

### SEMINAR/UNIVERSITY POWERUP NOTES

- POWER INFED LOCATIONS WILL BE PLACED AS INDICATED UNLESS OTHERWISE NOTED.
- VERIFY LOCATION OF INFEDS PER TABLE.
- VERIFY WHAT TYPE OF BASE FLANGE - POWER INFED THRU SIDE OF PEDESTAL.
- COLOR SELECTIONS.

Refer to KI's Assembly Guidelines documentation of University Seating® & Seminar® Tables - Power & Data Infeed Requirements.

THIS DRAWING WAS CREATED WITH VERIFIED FIELD DIMENSIONS (VFD) USING TACHYCAD EQUIPMENT ON 01-28-2020. KI WILL NOT BE RESPONSIBLE FOR ANY FIT ISSUES THAT OCCUR DUE TO ROOM MODIFICATIONS MADE AFTER THIS DATE.

NOTE: SEATING CAPACITY WAS DETERMINED USING A MINIMUM SEAT SPACING OF 24\"/>

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**CODE REQUIREMENTS**  
KI designs these Plans based upon an interpretation of applicable building codes and standards. As a result, the Plans may not be in full compliance with all applicable codes and standards. It is the responsibility of the user to verify the information provided in this Plan against the actual conditions of the project. Kierulff Interiors, Inc. is not responsible for any variations from what is shown.

**RECOMMENDATIONS**  
KI recommends that these Plans and the resulting hardware be reviewed with the local building department to ensure compliance with all local building codes. KI disclaims responsibility for any local codes and any non-compliance with local building codes.

APPROVED  
REVERSE  
CONSTRUCTION (SEE SIDE SHEET)  
CAMPUS BUILDING PERMIT

OFFICE OF THE STATE FIRE MARSHAL  
APPROVED FIRE AND SAFETY PLAN  
03/17/2020  
Approval of this plan does not authorize or approve any construction or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be maintained on the project site at all times.  
Reviewed by: [Signature]  
Fire and Life Safety Division

THIS PLAN IS NOT INTENDED TO BE USED FOR BUILDING CONSTRUCTION

**DRAWING REVIEW**  
These Plans and all related drawings with the contract. As such, these Plans must be reviewed by the Owner/Architect/Contractor, or other appropriate representative. If it is to proceed with project construction in accordance with these Plans, the Approver must sign, date, and complete the information at the bottom of this page and return this document to KI. If these Plans are to be corrected, move the 'Revised and Resubmitted' box below, include and complete the information at the bottom of this page and return this document to KI. Authorized signature holder name, title, company or affiliation, and date. Description of project drawing. If not otherwise specified, a complete and authorized signature is required.

APPROVED AS NOTED:   
REVISED AND RESUBMITTED:

SIGNATURE: \_\_\_\_\_  
COMPANY: \_\_\_\_\_  
DATE: \_\_\_\_\_

KI WALL DEPT USE ONLY  
 PER APPROVAL  
 DRAWING APPROVAL  
 VFC/ISSUED ONE  
 ALIGHT COMPLETE

PROJECT TITLE: UNIVERSITY OF CALIFORNIA RIVERSIDE

FLOOR/AREA: PHYSICS 2000

PROJECT LINE: University of California Riverside  
Jury Base

REPRESENTATIVE: [Signature]  
DEALER: [Signature]

ORDER NUMBER: [Number]

DATE: 02/27/2019

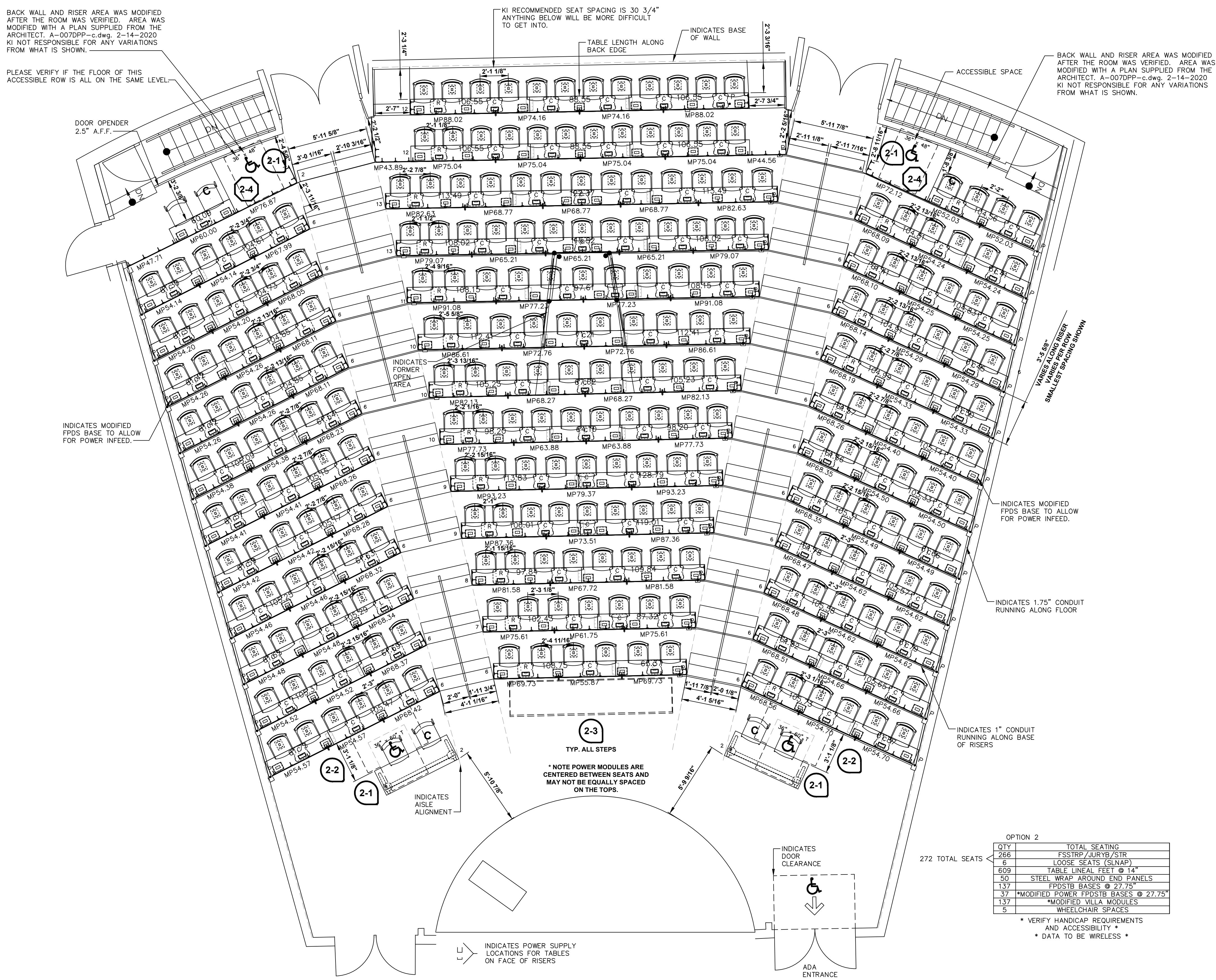
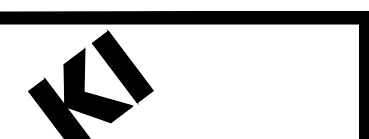
REVISIONS:  
NO. | DATE | DESCRIPTION  
1 | 11/29/2018 | KIS REV TO INCLUDE/REV CODES  
2 | 01/09/2019 | KIS REV 5-2-3 SPACES/ADD SEATS  
3 | 01/09/2019 | KIS REV 5-2-3 SPACES/ADD SEATS  
4 | 03/25/2020 | KIS REV SEAT SPAC/ADD PER PA  
5 | 03/25/2020 | KIS REV TO CLIENT REVISIONS

DRAWING NO.: D418659\_00\_00\_L02\_F  
02/27/2019 10:59 AM The Designer: [Signature]

DRAWN BY: SCALE: AS NOTED

SHEET: Seating Option 1  
1 of 2, E. 8

Reviewed for Code Compliance  
03/06/20



OPTION 2

272	TOTAL SEATING
6	FSSTRIP/JURY/STRIP
6	LOOSE SEATS (SUNAP)
14	TABLE LINES, FEEL #14
50	STEEL WRAP AROUND END PANELS
137	FPODS BASES @ 27.75"
37	MODIFIED POWER FPODS BASES @ 27.75"
137	MODIFIED VILLA MODULES
5	WHEELCHAIR SPACES

• VERIFY HANICAP REQUIREMENTS AND ACCESSIBILITY  
• DATA TO BE WIRELESS

SEMINAR & UNIVERSITY SEATING LEGEND

- MP = WORKING POINT
- C = COMPANION SEAT
- (C) = LAYOUT NOTE INDICATOR
- (B) = BASIC BASE (FPODS, FPODSB, UNIVB)
- (S) = SELECT BASE (FPOCS, FPOCSB, UNIVB)
- I = MODESTY PANEL BRACKET
- M = ACRYLIC MODESTY PANEL BRACKET
- SP = MODESTY PANEL SPLIT
- MP = MODESTY PANEL
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- (S) = SHROUD (L, R, C)
- (S) = SHROUD & POWER MODULE (L, R, C)
- (S) = UNDER SURFACE SHROUD & POWER MODULE (L, R, C)
- (S) = REMOTE POWER TAP SHROUD & POWER MODULE INCLUDES ELECTRICAL CONNECTOR (L, R, R)

JURY SEATING LEGEND

- MP = WORKING POINT
- C = COMPANION SEAT
- (D) = DESIGNATED AISLE SEAT
- (C) = LAYOUT NOTE INDICATOR
- (B) = FLOOR MOUNT BASIC BASE
- (S) = FLOOR MOUNT SELECT BASE
- (E) = FLOOR MOUNT ADJUSTABLE HEIGHT BASE
- (F) = FIXED HEIGHT JURY SWING BASE
- (A) = ADJUSTABLE HEIGHT JURY SWING BASE

SEMINAR/UNIVERSITY POWERUP NOTES

- POWER INFED LOCATIONS WILL BE PLACED AS INDICATED UNLESS OTHERWISE NOTED.
  - VERIFY LOCATION OF INFEDS PER TABLE.
  - VERIFY WHAT TYPE OF INFED.
    - FLOOR INFED THRU THE BASE FLANGE
    - POWER INFED THRU SIDE OF PEDESTAL
    - COLOR SELECTIONS
- Refer to KI's Assembly Guidelines documentation of University Seating® & Seminar® Tables - Power & Data Infed Requirements

THIS DRAWING IS NOT INTENDED TO BE USED FOR BUILDING CONSTRUCTION

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**CODE REQUIREMENTS**  
All design and construction shall conform to the applicable building codes and standards in effect at the time of the project. The design and construction shall also conform to the applicable accessibility standards. The design and construction shall also conform to the applicable fire and life safety codes and standards. The design and construction shall also conform to the applicable environmental and sustainability codes and standards.

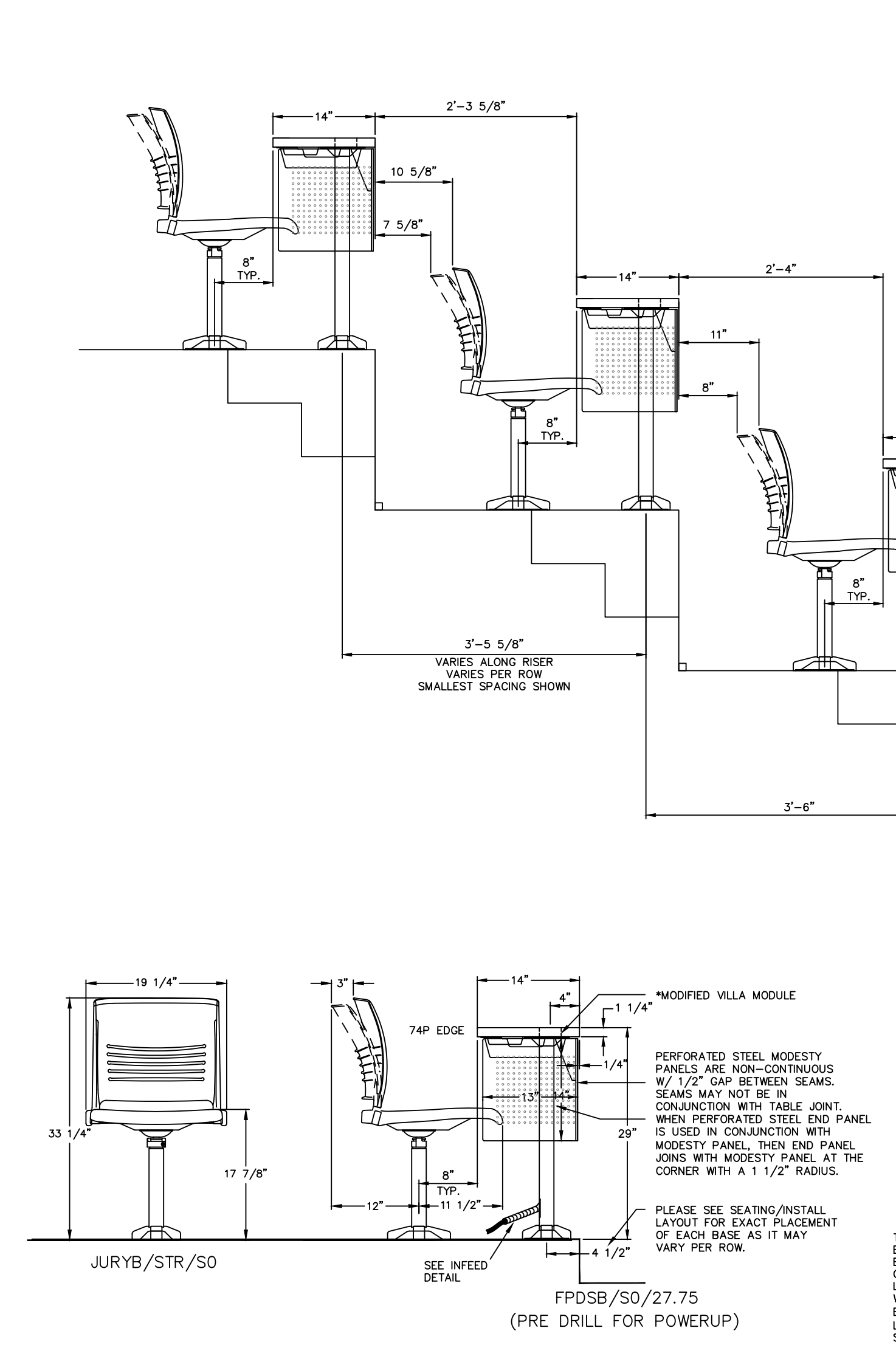
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Kierulff International, Inc. and its representatives shall not be liable for any damages, claims, or losses, including reasonable attorneys' fees, arising out of or in connection with the design and construction of the project, whether or not such damages, claims, or losses are caused in whole or in part by the negligence, active or passive, of Kierulff International, Inc. or its representatives. This limitation of liability shall not be construed to limit the amount or type of damages, claims, or losses that may be recovered by the client under any applicable law.

SEATING LAYOUT - OPTION 2

1/4" = 1'-0"

FINISH SCHEDULE - CLASSROOM 2000 - OPTION 2

COMPONENT	MATERIAL	COLOR	CODE
STRIVE SHELL - ODD ROWS	POLY	SAND	PSA
STRIVE SHELL - EVEN ROWS	POLY	MORING	PCD
WORK SURFACE	LAMINATE	FLAX LINEN	LFX
WORK SURFACE EDGE	PVC FREE (74P)	MISTY BROWN	EM7
MODESTY PANEL	CONTINUOUS LAMINATE	FLAX LINEN	LFX
MODESTY PANEL EDGE	PVC FREE (74P)	MISTY BROWN	EM7
BASE / FRAME	POWERGRADY PAINT	MISTY BROWN	MY
POWER MODULE	MODIFIED - VILLA POWERUP MODULE	MISTY BROWN	MY



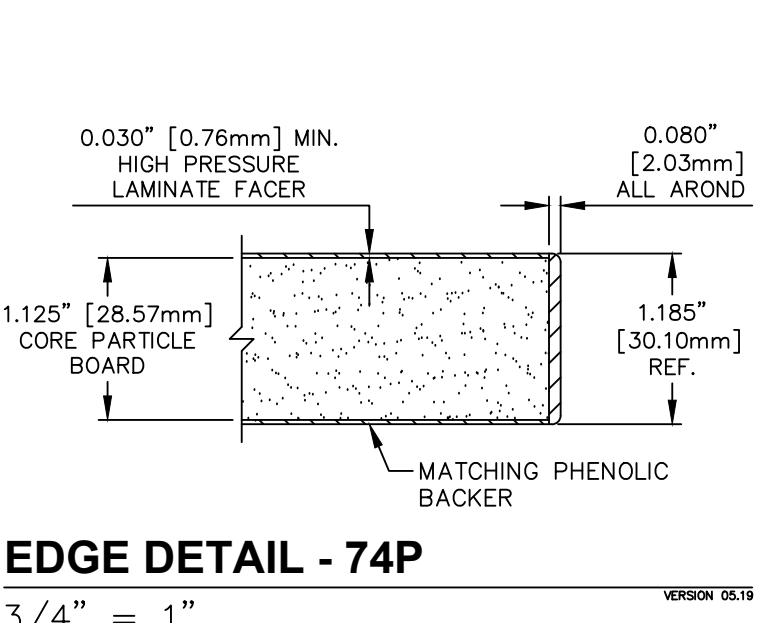
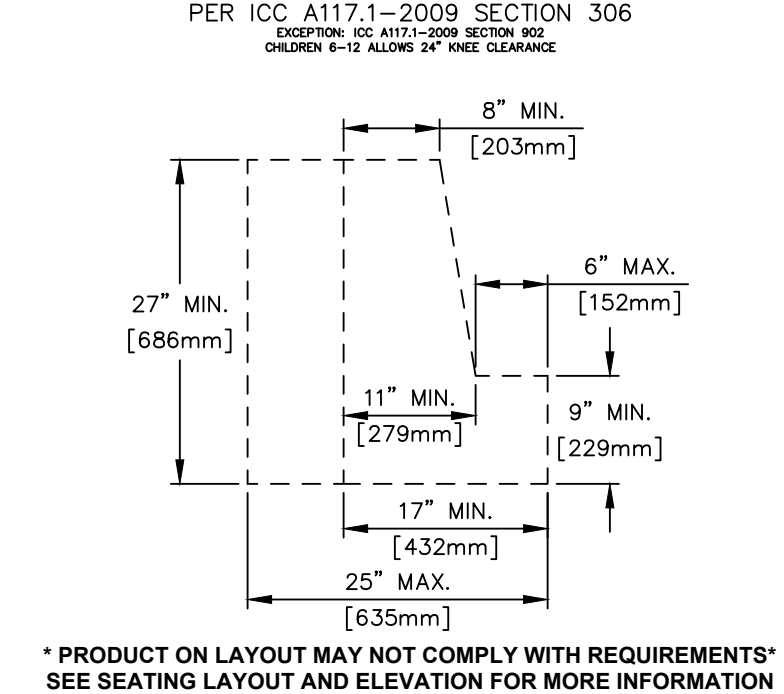
ELEVATION - OPTION 2

3/4" = 1'-0"

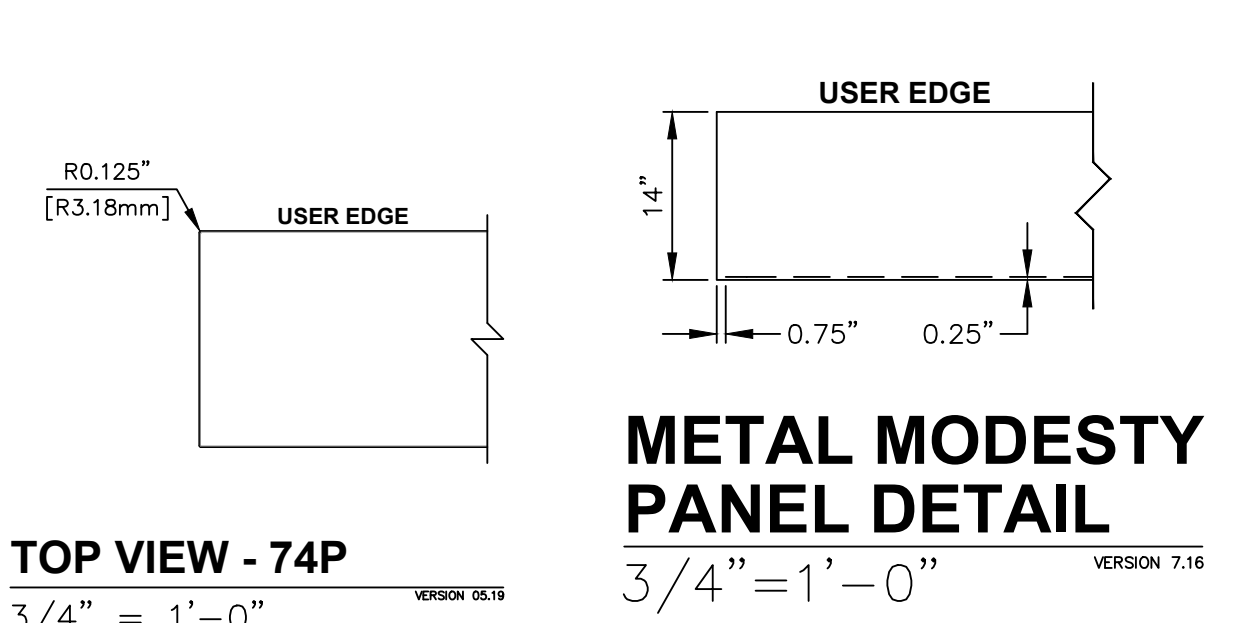
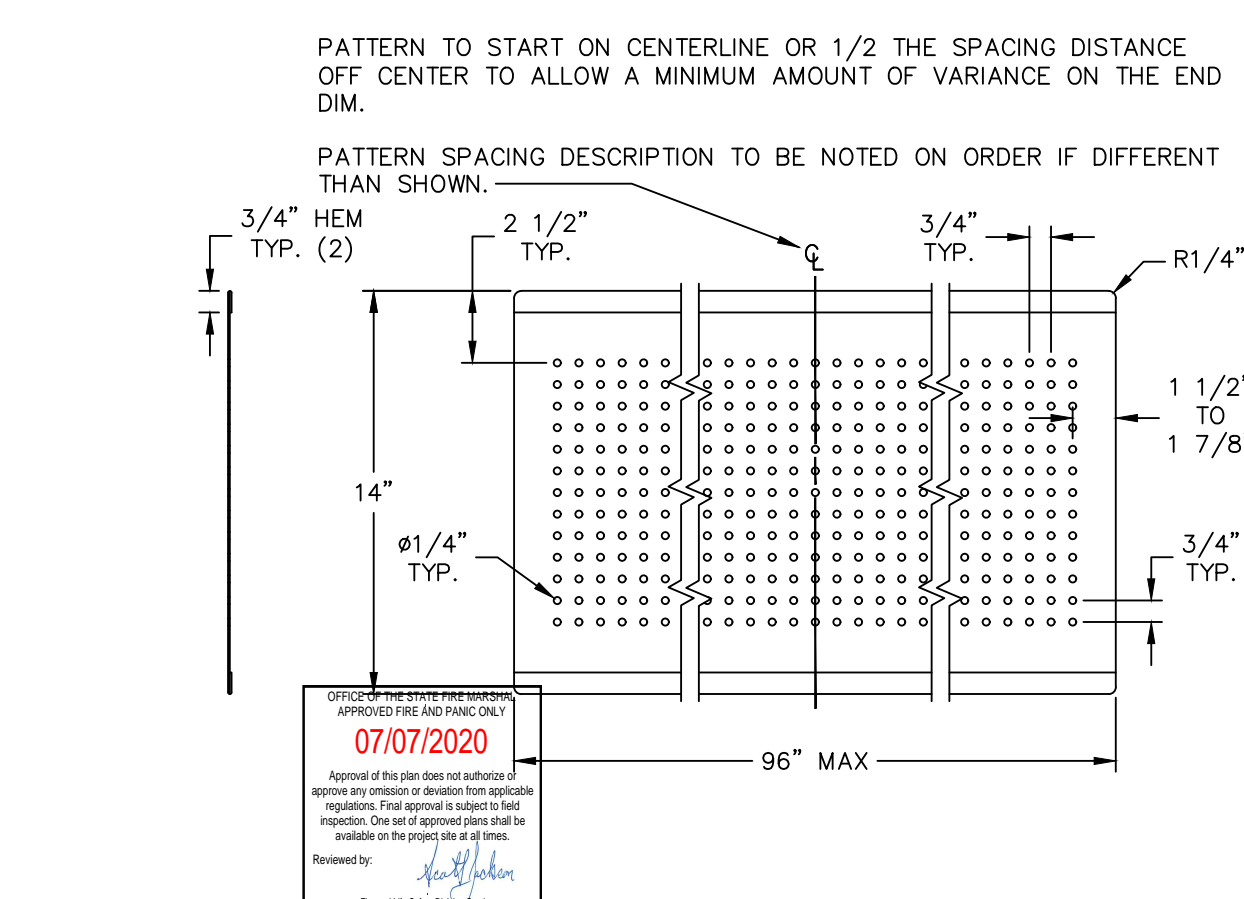
3D SAMPLE - OPTION 2

3/4" = 1'-0"

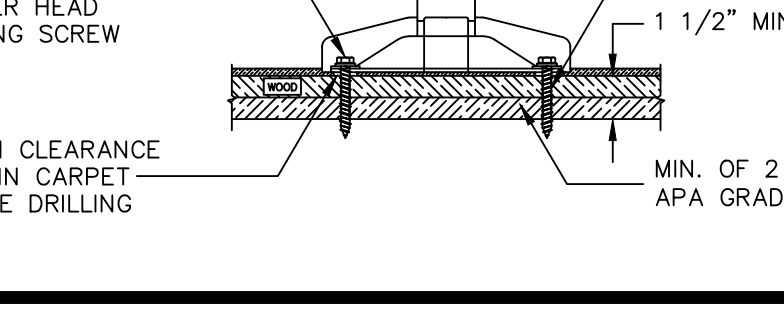
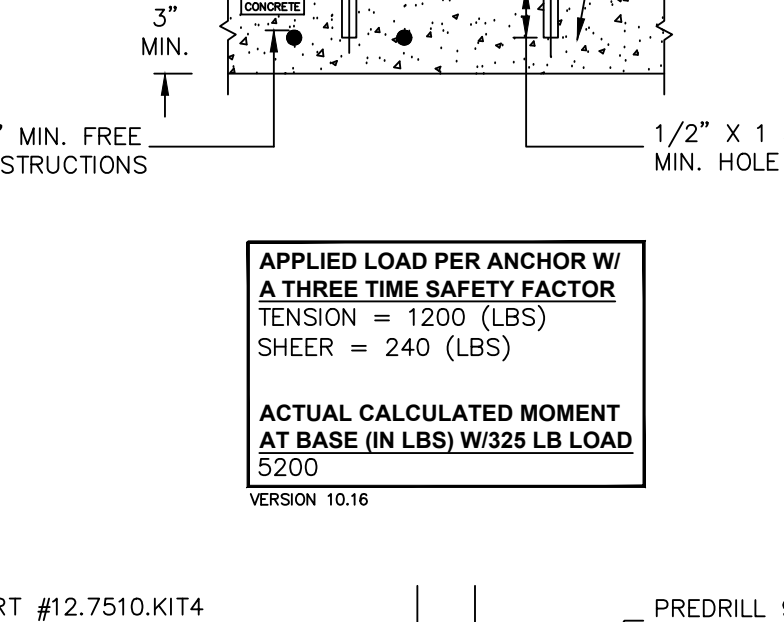
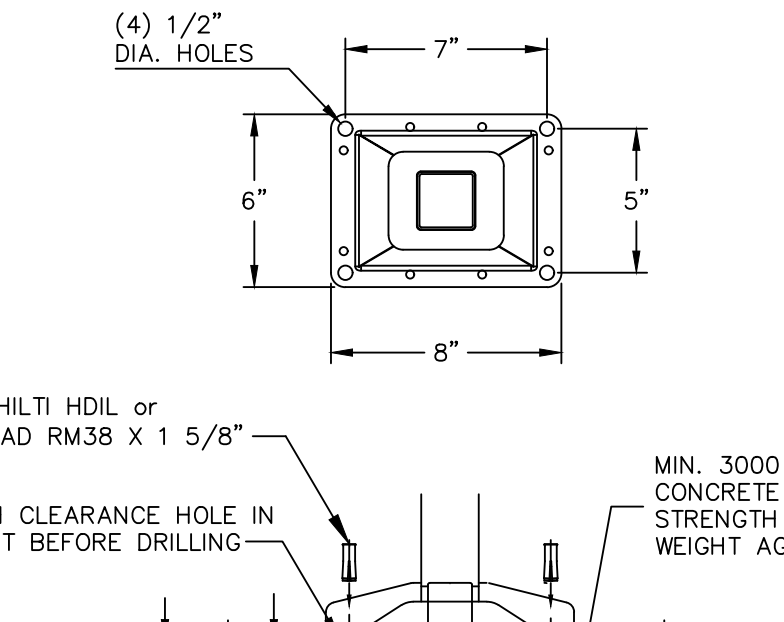
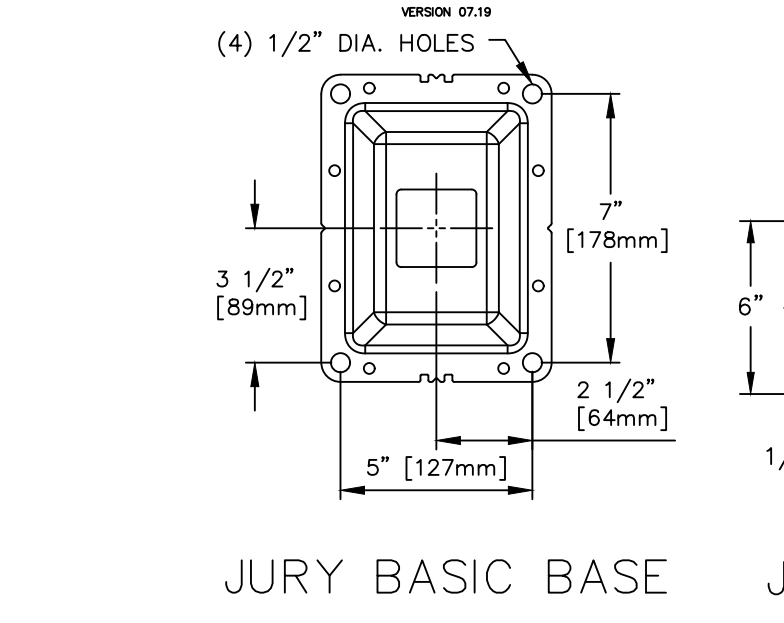
ADA KNEE AND TOE CLEARANCE



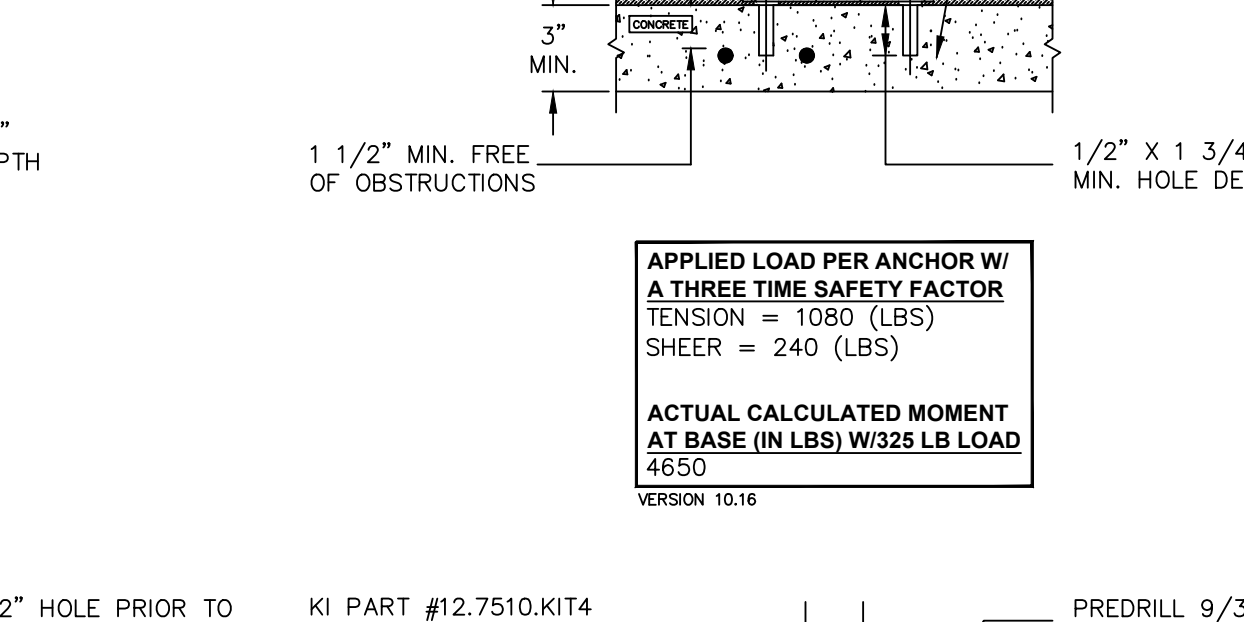
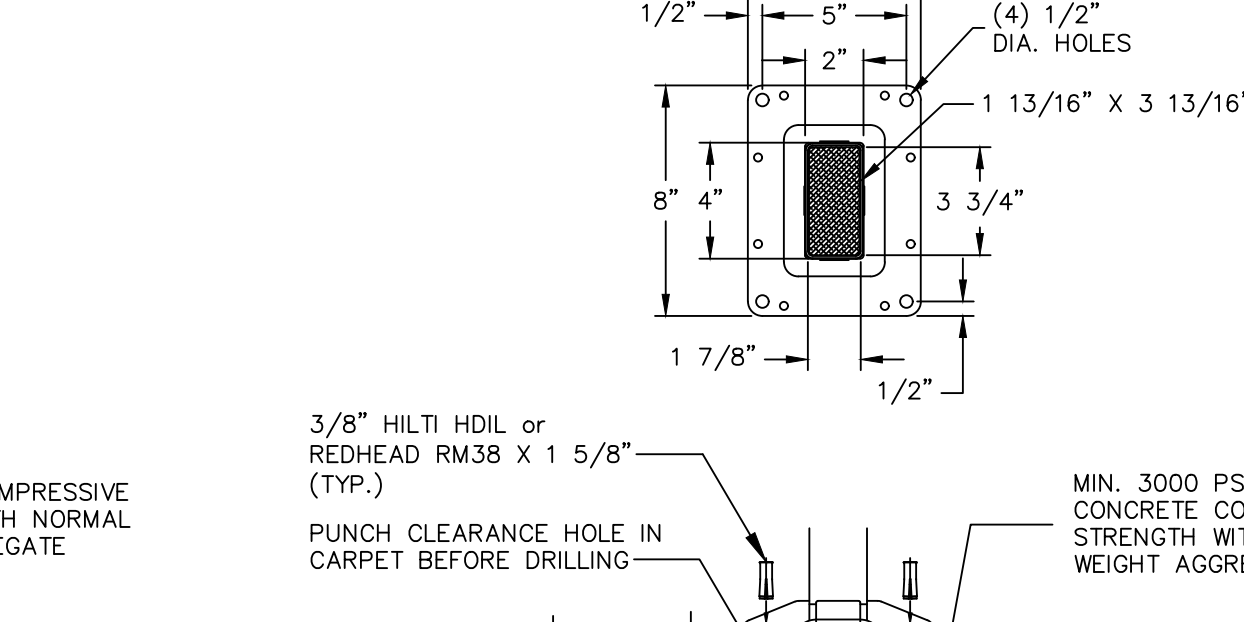
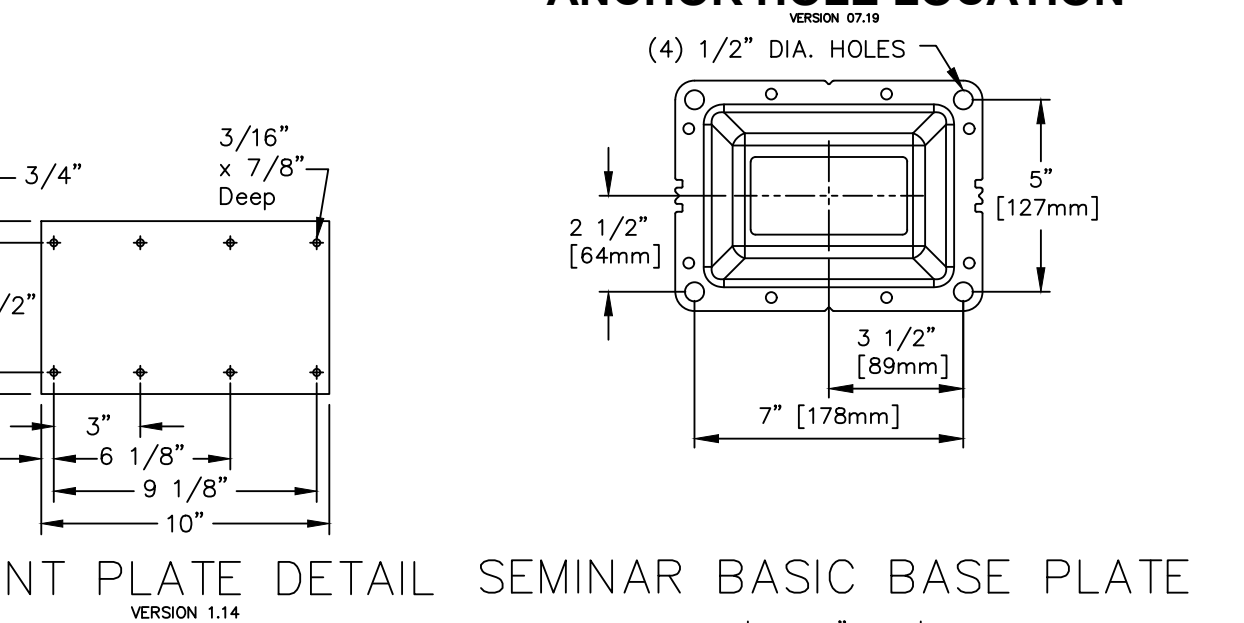
PERFORATED STEEL MODESTY PANEL



JURY BASIC BASE ANCHOR HOLE LOCATION



SEMINAR BASIC BASE ANCHOR HOLE LOCATION



LAYOUT NOTES

- KI HAS PREPARED THESE PLANS IN ACCORDANCE WITH REQUIREMENTS AND INSTRUCTIONS PROVIDED BY THE OWNER/ ARCHITECT/ CONTRACTOR. THE MATTERS IDENTIFIED BELOW ARE AREAS IN WHICH THE REQUIREMENTS AND/OR INSTRUCTIONS DO NOT COMPLY WITH THE IDENTIFIED CODE, STANDARD, OR RECOMMENDATION. APPROVAL OF THESE PLANS BY THE OWNER/ ARCHITECT/ CONTRACTOR CONSTITUTES AGREEMENT THAT KI SHALL SUFFER NO LIABILITY FOR ANY CLAIMS, DAMAGES, OR OTHER HARM CAUSED BY SUCH NON-COMPLIANCE.
- ALL ADA LOCATIONS TO HAVE ACCESS TO POWER WHEN IT IS SUPPLIED IN A ROOM.
- KI RECOMMENDS A MINIMUM OF 48\"/>

**APPROVED**  
Office of Planning, Design & Construction  
Building, Safety and Compliance Division  
CAMPUS BUILDING PERMIT

03/17/2020  
Approval of this plan does not endorse or approve any condition or deviation from applicable regulations. Final approval is subject to field inspection. One set of approved plans shall be available on the project site at all times.  
Reviewed by: [Signature]

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**DRAWING REVIEW**  
These Plans are subject to review with the contract. As such, these Plans must be reviewed by the Owner/Architect/Contractor, or other appropriate representative, if it is to proceed with project installation in accordance with these Plans. The Approver is to verify the same, review and complete the information at the bottom of the page and return this document to KI. If these Plans are to be corrected, move the 'Revised and Resubmit' box below, include and complete the information at the bottom of the page, and return this document to KI. Authorized signature holder name of these Plans. Signature holder name, title, company or affiliation, and date of approval of project must be included. If our signature is received, it is complete and authorized signature is received.

It is the Owner/Architect/Contractor's responsibility to verify all of the conditions above changed or not. If the conditions above changed or not, the furniture layout after completed field verified drawings have been obtained.

APPROVED AS NOTED:   
REVISE AND RESUBMIT:

SIGNATURE: \_\_\_\_\_  
FIRM: \_\_\_\_\_  
COMPANY: \_\_\_\_\_  
DATE: \_\_\_\_\_

PROJECT TITLE: UNIVERSITY OF CALIFORNIA RIVERSIDE  
FLOOR/AREA: PHYSICS 2000

PRODUCT LINE: Seminar  
Jury Base

REPRESENTATIVE: [Signature]

ORDER NUMBER: [Number]

DATE: 02/26/2019

REVISIONS:

NO.	DATE	DESCRIPTION
1	11/29/2018	KI REV TO INCLUDE REV CODES
2	01/09/2019	KI REV 5-2-3 SPACES/ADD SEATS
3	01/09/2019	KI REV 1/2\"/>

APPROVED BY: [Signature]  
SCALE: AS NOTED  
DRAWING NO.: D418659\_00\_00\_L02\_F  
02/20/2019 10:59 AM  
SHEET: Seating Option 2  
2 of 2, E. 8