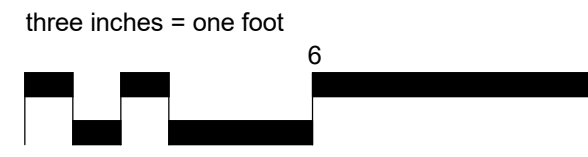
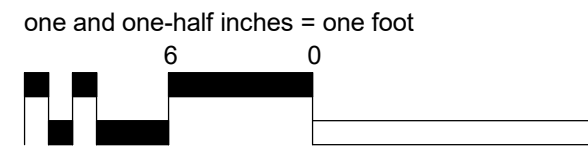
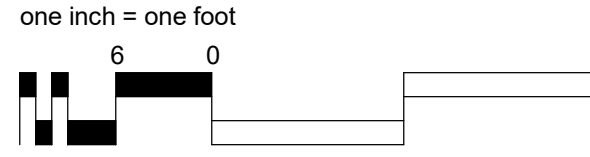
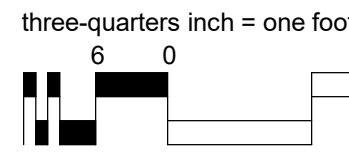
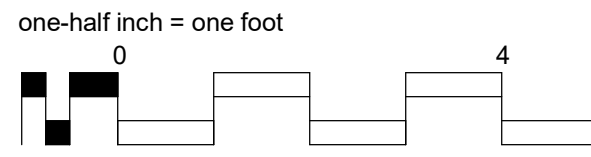
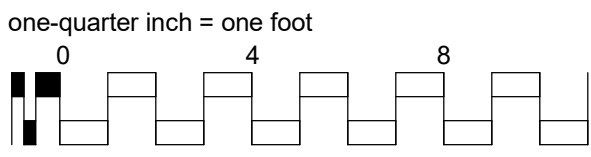
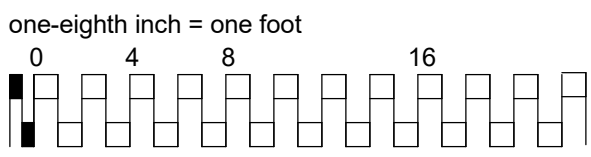


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UCDH MEDICAL CENTER, EAST WING TOWER & EAST WING RADIOLOGY

FACILITY #10619

MATERIALS TESTING AND CONDITION ASSESSMENT PROGRAM

BUILDINGS NO. BLD-01436 & 01437

HCAI PERMIT NO. S251130-34-00

UCDH PROJECT #9558960

PROJECT DIRECTORY

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SEALS AND SIGNATURES

FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION

CHAPTER 33 FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION

- COMPLIANCE WITH 2022 NFPA 241 IS REQUIRED FOR ITEMS NOT SPECIFICALLY ADDRESSED HEREIN.
- REQUIRED MEANS OF EGRESS SHALL BE MAINTAINED DURING CONSTRUCTION AND DEMOLITION, REMODELING OR ALTERATIONS AND ADDITIONS TO ANY BUILDING.
- SMOKING SHALL BE PROHIBITED EXCEPT IN APPROVED AREAS. SIGNS SHALL BE POSTED IN ACCORDANCE WITH 2022 CFC SECTION 310. IN APPROVED AREAS WHERE SMOKING IS PERMITTED, APPROVED ASHTRAYS SHALL BE PROVIDED IN ACCORDANCE WITH 2022 CFC SECTION 310.
- COMBUSTIBLE DEBRIS SHALL NOT BE ACCUMULATED WITHIN BUILDINGS. COMBUSTIBLE DEBRIS, RUBBISH AND WASTE MATERIAL SHALL BE REMOVED FROM BUILDINGS AT THE END OF EACH SHIFT OF WORK. COMBUSTIBLE DEBRIS, RUBBISH AND WASTE MATERIAL SHALL NOT BE DISPOSED OF BY BURNING ON THE SITE UNLESS APPROVED.
- MATERIALS SUSCEPTIBLE TO SPONTANEOUS IGNITION, SUCH AS OILY RAGS, SHALL BE STORED IN A LISTED DISPOSAL CONTAINER.
- WHEN REQUIRED BY THE FIRE CODE OFFICIAL FOR BUILDING DEMOLITION, OR BUILDING CONSTRUCTION DURING WORKING HOURS THAT IS HAZARDOUS IN NATURE, QUALIFIED PERSONNEL SHALL BE PROVIDED TO SERVE AS AN ON-SITE FIRE WATCH. FIRE WATCH PERSONNEL SHALL BE PROVIDED WITH AT LEAST ONE APPROVED MEANS FOR NOTIFICATION OF THE FIRE DEPARTMENT AND THEIR SOLE DUTY SHALL BE TO PERFORM CONSTANT PATROLS AND WATCH FOR THE OCCURRENCE OF FIRE. HCAI POLICY INTENT NOTICE 14.
- OPERATIONS INVOLVING THE USE OF CUTTING AND WELDING SHALL BE DONE IN ACCORDANCE WITH 2022 CFC CHAPTER 35.
- TEMPORARY WIRING FOR ELECTRICAL POWER AND LIGHTING INSTALLATIONS USED IN CONNECTION WITH THE CONSTRUCTION, ALTERATION OR DEMOLITION OF BUILDINGS, STRUCTURES, EQUIPMENT OR SIMILAR ACTIVITIES SHALL COMPLY WITH 2022 CALIFORNIA ELECTRICAL CODE.
- IMPAIRMENTS TO ANY FIRE PROTECTION SYSTEM SHALL BE IN ACCORDANCE WITH 2022 CFC SECTION 901.
- COVERINGS PLACED ON OR OVER FIRE PROTECTION DEVICES TO PROTECT THEM FROM DAMAGE DURING CONSTRUCTION PROCESSES SHALL BE IMMEDIATELY REMOVED UPON THE COMPLETION OF THE CONSTRUCTION PROCESSES IN THE ROOM OR AREA IN WHICH THE DEVICES ARE INSTALLED.
- STRUCTURES UNDER CONSTRUCTION, ALTERATION OR DEMOLITION SHALL BE PROVIDED WITH NOT LESS THAN ONE APPROVED PORTABLE FIRE EXTINGUISHER IN ACCORDANCE WITH 2022 CFC SECTION 906 AND SIZED FOR NOT LESS THAN ORDINARY HAZARD AS FOLLOWS:
 - AT EACH STAIRWAY ON ALL FLOOR LEVELS WHERE COMBUSTIBLE MATERIALS HAVE ACCUMULATED.
 - IN EVERY STORAGE AND CONSTRUCTION SHED.
 - ADDITIONAL PORTABLE FIRE EXTINGUISHERS SHALL BE PROVIDED WHERE SPECIAL HAZARDS EXIST INCLUDING, BUT NOT LIMITED TO, THE STORAGE AND USE OF FLAMMABLE AND COMBUSTIBLE LIQUID.
- IN OCCUPIED BUILDINGS, WHERE TEMPORARY CONSTRUCTION BARRIERS ARE REQUIRED TO BE INSTALLED DURING THE CONSTRUCTION OR RECONSTRUCTION OF FIRE-RESISTIVE ASSEMBLIES, TEMPORARY CONSTRUCTION SHALL MEET THE SAME FIRE RATING AS WOULD THE PERMANENT PARTITION. USE OF PLASTIC OR VINYL DUST BARRIERS IN LIEU OF FIRE RATED SEPARATIONS IS PROHIBITED. TEMPORARY CONSTRUCTION BARRIERS ARE NOT REQUIRED WHERE ADEQUATE FIRE-RESISTIVE SEPARATION CAN BE DEMONSTRATED TO EXIST BETWEEN OCCUPIED AREAS AND CONSTRUCTION AREAS. SMOKE COMPARTMENTS AND REFUGE AREAS IN COMPLIANCE WITH 2022 CBC SECTION 407 SHALL BE MAINTAINED THROUGHOUT THE PERIOD OF CONSTRUCTION.
 - DOORS WILL ACT AS CONSTRUCTION BARRIERS WHERE WORK IS LOCATED IN ROOMS.
 - WHERE TEMPORARY BARRIERS AFFECT ANY EXIT COMPONENT, PRE-APPROVAL SHALL BE OBTAINED FROM THE LOCAL FIRE JURISDICTION AND HCAI PRIOR TO START OF ANY DEMOLITION OR RECONSTRUCTION.
- EXISTING MEANS OF EGRESS NEED NOT BE MAINTAINED WHERE APPROVED TEMPORARY MEANS OF EGRESS SYSTEMS AND FACILITIES ARE PROVIDED. REQUIRED MEANS OF EGRESS SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION, DEMOLITION, REMODELING OR ALTERATIONS AND ADDITIONS TO ANY BUILDING. A HORIZONTAL EXIT SHALL NOT BE DESTROYED UNLESS AND UNTIL A SUBSTITUTE MEANS OF EGRESS HAS BEEN PROVIDED AND APPROVED.
- IF WORK CANNOT BE COMPLETED AND REPAIRED IN THE SAME DAY AND TEMPORARY CONSTRUCTION BARRIERS ARE REQUIRED IN THE FIELD, CONTRACTOR TO NOTIFY SEOR AND ADR. DESIGN, ANCHORAGE AND BRACING OF TEMPORARY CONSTRUCTION BARRIERS AROUND THE AFFECTED AREA WILL BE PROVIDED TO PROVIDE FIRE RATING TO MATCH EXISTING CONDITIONS PER CAN 9-3301. APPROVAL SHALL BE OBTAINED FROM THE LOCAL FIRE JURISDICTION AND HCAI PRIOR TO THE START OF DEMOLITION IN THE AREA OF WORK REQUIRING A TEMPORARY BARRIER.
- IF ANY SPRAY APPLIED FIRE PROTECTION IS REMOVED OR DAMAGED, A COPY OF A LISTED SYSTEM THAT WILL BE USED TO RESTORE THE SPRAYED-ON FIREPROOFING SHALL BE PROVIDED TO THE HCAI FIELD FIRE MARSHALL DEMONSTRATING THAT THE REQUIRED HOURLY RATING IS BEING MAINTAINED AND THAT THE SYSTEM IS COMPATIBLE WITH THE EXISTING FIRE PROOFING MATERIAL. PER 2022 CBC SECTIONS 1705A.13 AND 704.13.
- FIRE RESISTANCE RATED WALLS/CEILING SHALL BE REPAIRED/ PATCHED TO MATCH THE EXISTING RATED CONDITION TO MAINTAIN THE CONTINUITY OF THE RATED WALL OR CEILING SYSTEM. A COPY OF A LISTED SYSTEM SHALL BE PROVIDED TO THE HCAI FIELD FIRE MARSHALL PER 2022 CFC SECTION 703.1 AND CBC SECTIONS 602.1, 703.3 AND 711.2.

OWNER'S RESPONSIBILITY FOR FIRE PROTECTION

- THE FIRE PREVENTION PROGRAM SUPERINTENDENT SHALL BE RESPONSIBLE FOR SUPERVISING THE PERMIT SYSTEM FOR HOT WORK OPERATIONS IN ACCORDANCE WITH 2022 CFC CHAPTER 35.

PROJECT DESCRIPTION & INTENT

THE INTENT OF THIS PROJECT IS TO IMPLEMENT THE MATERIALS TESTING AND CONDITION ASSESSMENT PROGRAM, APPROVED BY THE SEISMIC COMPLIANCE UNIT. SER-2024-00157 & SER-2024-00158.

- THE PROJECT WORK SCOPE CONSISTS OF THE FOLLOWING:
 - REMOVAL OF CONCRETE COVER TO OBSERVE IN-PLACE REINFORCING BARS OR SCANNING OF CONCRETE ELEMENTS TO OBSERVE IN-PLACE REINFORCING BARS.
 - GROUT PATCHING ALL AREAS WHERE THE CONCRETE AND REINFORCING BAR SAMPLES/OBSERVATION OCCUR TO MAINTAIN THE REQUIRED FIRE RATING WHERE NECESSARY.
 - STEEL REPAIR AND FIREPROOFING PATCHING WHERE FIREPROOFING IS DAMAGED TO MAINTAIN THE REQUIRED FIRE RATING WHERE NECESSARY.
 - REMOVAL OF REINFORCING STEEL SAMPLES FOR OFF-SITE TESTING.
 - REMOVAL OF METAL DECK SAMPLES FOR OFF-SITE TESTING.
 - REMOVAL OF THE CONCRETE CORE SAMPLES FOR OFF-SITE TESTING.

THE INTENT IS TO TAKE SAMPLES AND RETURN THE BUILDING TO ITS CURRENT CONDITION PER THE REQUIREMENTS OF THESE DOCUMENTS. SHOULD ANY CONDITION DEVELOP NOT COVERED BY THE APPROVED CONSTRUCTION DOCUMENTS, WHEN THE FINISHED WORK WILL NOT COMPLY WITH THE 2022 CBC, AMENDED CONSTRUCTION DOCUMENTS (ACDS) DETAILING AND SPECIFYING THE REQUIRED WORK WILL BE SUBMITTED TO AND APPROVED BY HCAI BEFORE PROCEEDING WITH THE WORK.

APPLICABLE CODES / REGULATIONS

AUTHORITY HAVING JURISDICTION GOVERNING CODES:

OFFICE OF STATEWIDE HEALTH PLANNING AND DEVELOPMENT

THE FOLLOWING ARE THE ENFORCEABLE CODES FOR FACILITIES UNDER THE AUTHORITY OF THE ALFRED E. ALQUIST HOSPITAL FACILITIES SAFETY ACT OF 1983:

2022 CALIFORNIA ADMINISTRATIVE CODE (CAC)

PART 1, TITLE 24, CALIFORNIA CODE OF REGULATIONS (CCR)

2022 CALIFORNIA BUILDING CODE (CBC)

PART 2, TITLE 24, CCR

BASED ON THE 2021 INTERNATIONAL BUILDING CODE (IBC)

2022 CALIFORNIA ELECTRICAL CODE (CEC)

PART 3, TITLE 24, CCR

BASED ON THE 2020 NATIONAL ELECTRICAL CODE (NEC)

2022 CALIFORNIA MECHANICAL CODE (CMC)

PART 4, TITLE 24, CCR

BASED ON THE 2021 UNIFORM MECHANICAL CODE (UMC)

2022 CALIFORNIA PLUMBING CODE (CPC)

PART 5, TITLE 24, CCR

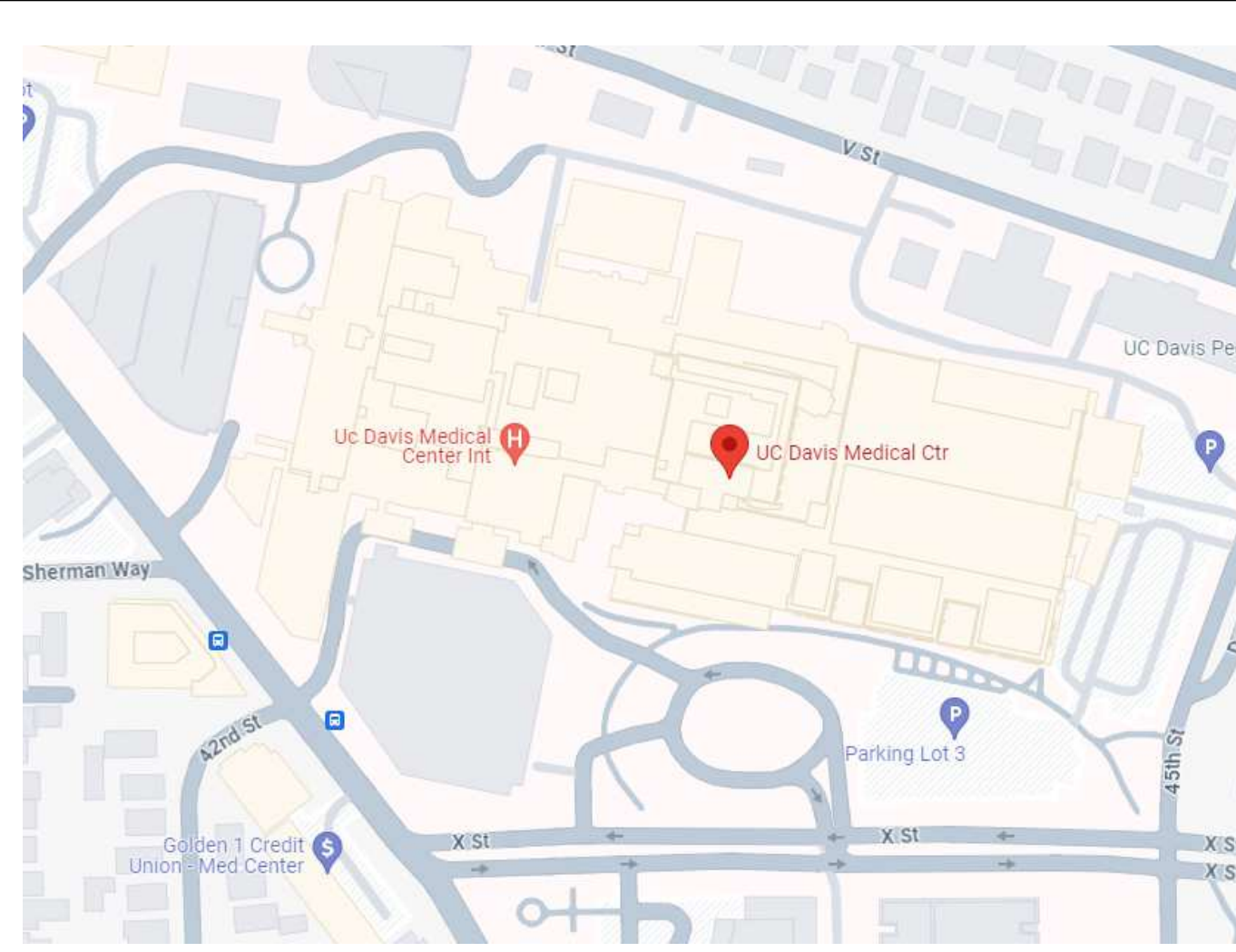
BASED ON THE 2021 UNIFORM PLUMBING CODE (UPC)

2022 CALIFORNIA FIRE CODE (CFC)

PART 9, TITLE 24, CCR

BASED ON THE 2021 INTERNATIONAL FIRE CODE (IFC)

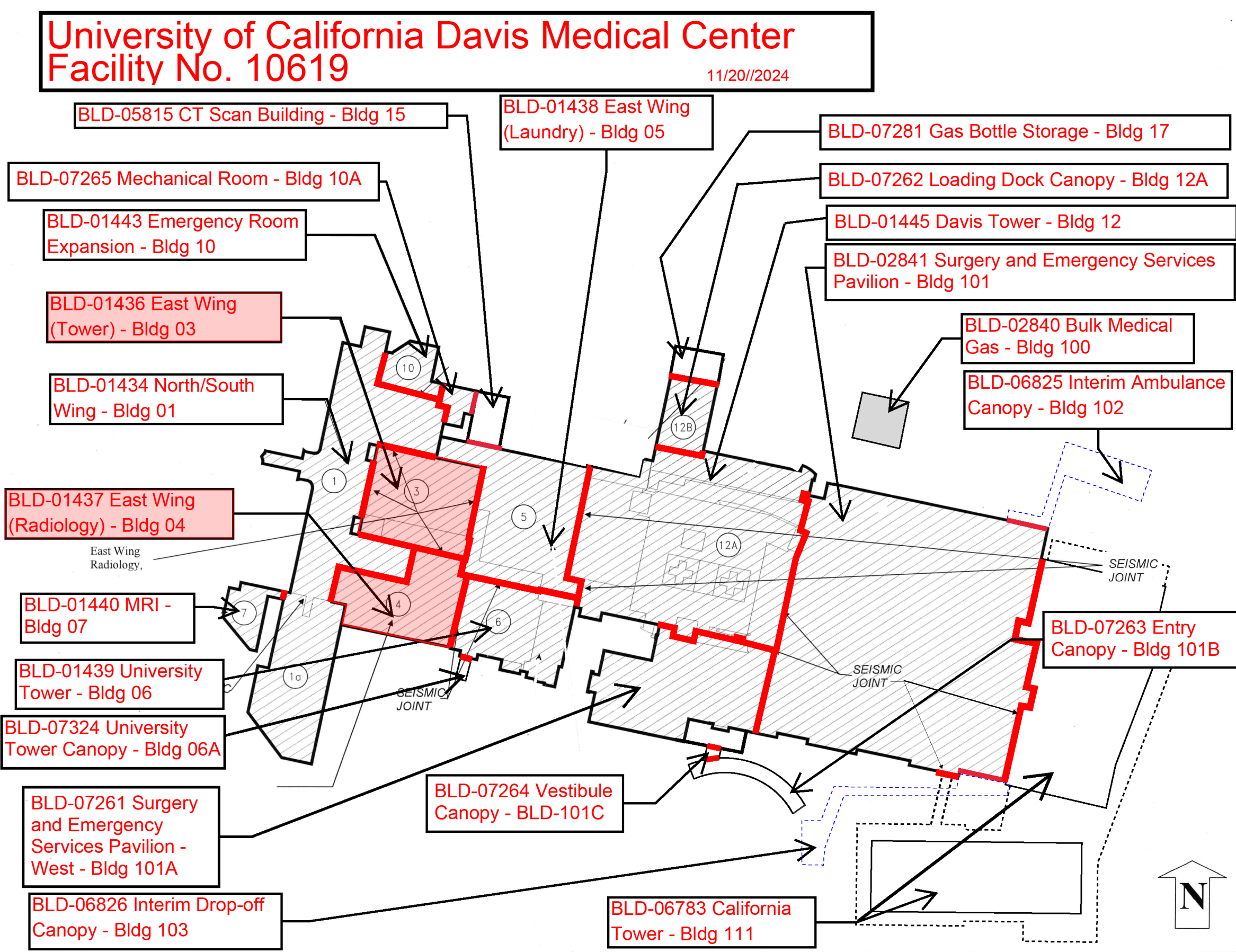
VICINITY MAP



DISCLAIMER

THESE COMPOSITION PLANS WERE DEVELOPED USING THE RECORD CONSTRUCTION PLANS PROVIDED BY THE CLIENT. RECORD DRAWINGS WERE UTILIZED TO GENERATE THE COMPOSITE ARCHITECTURAL FLOOR PLANS. VERIFICATIONS WERE MADE FOR MINOR ALTERATION AND DEVIATIONS FROM THE ORIGINAL CONSTRUCTION PLANS. EXTENSIVE AS-BUILT VERIFICATION WAS NOT PERFORMED FOR THE COMPOSITE ARCHITECTURAL FLOOR PLAN AND CEILING PLAN. THE COMPOSITE ARCHITECTURAL PLANS WERE UTILIZED FOR THE BASIC PLANS FOR THE DEVELOPMENT OF THE MECHANICAL AND ELECTRICAL COMPOSITE PLANS. LIMITED FIELD VERIFICATION OF MECHANICAL AND ELECTRICAL SYSTEMS WERE PERFORMED TO DETERMINE LOCATIONS OF EQUIPMENT, DUCTWORK, MAIN SUPPLY PIPING, VALVES, FIRE SPRINKLER SYSTEM, MAJOR COMPONENTS WITH MAIN PIPING, ELECTRICAL PANELS, ELECTRICAL EQUIPMENT. FEATURES OF FIRE PROTECTION AND LIFE SAFETY SYSTEMS.

CAMPUS MAP



GENERAL CONSTRUCTION NOTES

- GENERAL NOTES APPLY TO ALL DRAWINGS.
- LABOR, MATERIALS, CONSTRUCTION METHODS AND WORK TO CONFORM TO THE LATEST GOVERNING CODES, RULES AND REGULATIONS FOR THIS PROJECT AND JURISDICTION. THE MOST STRINGENT SHALL PREVAIL.
- WHEN REQUIRED BY CODE, RULES OR REGULATIONS, WORK MUST BE INSPECTED AND APPROVED BY AUTHORITY HAVING JURISDICTION.
- CONTRACTOR TO WALK SITE WITH OWNER TO CONFIRM LOCATIONS OF WORK PRIOR TO START OF CONSTRUCTION. CONTRACTOR TO VERIFY ARCHITECTURAL FINISHES IN FIELD PRIOR TO START OF CONSTRUCTION.
- VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO FABRICATION AND/OR CONSTRUCTION; NOTIFY ARCHITECT OF ANY DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THESE DRAWINGS WHICH EFFECT THE SCOPE AND INTENT OF THE WORK DESCRIBED IN THE CONSTRUCTION DOCUMENTS.
- THE WORK INDICATED IN THE NOTES DESCRIBES THE GENERAL SCOPE OF WORK AND IS NOT INTENDED TO BE INCLUSIVE OF ALL WORK REQUIRED TO COMPLETE FULL SCOPE OF WORK.
- DO NOT MEASURE DRAWINGS. DIMENSIONS TO BE FIELD MEASURED AND VERIFIED. NOTIFY ARCHITECT OF ANY DISCREPANCIES.
- DIMENSIONING ON PLANS IS AS FOLLOWS UNLESS OTHERWISE NOTED:
 - TO FACE OF MASONRY
 - TO FACE OF CONCRETE
 - TO FACE OF STUD IN FRAMED PARTITIONS
 - GRID LINES, TO CENTER LINE OF COLUMNS
- PRIOR TO DEMOLITION, CONTRACTOR TO COORDINATE WITH FACILITY OWNER SEOR TO IDENTIFY ITEMS (QUANTITY AND QUALITY) TO BE SALVAGED. DELIVER SALVAGED ITEMS TO THE OWNER. THIS MAY INCLUDE BUT IT NOT LIMITED TO CASEWORK, FURNITURE, DOORS, DOOR HARDWARE, DISPENSERS, MARKERBOARDS, MEDICAL EQUIPMENT, MEDICAL GAS ITEMS, PLUMBING FIXTURES, LIGHT FIXTURES, AND MECHANICAL EQUIPMENT. ALL OTHER ITEMS SHALL BE DISPOSED OF BY CONTRACTOR.
- PROVIDE AND MAINTAIN TEMPORARY FACILITIES AND UTILITY SERVICES AS REQUIRED FOR THE PROPER COMPLETION OF THE PROJECT. UPON COMPLETION OF THE WORK, REMOVE ALL TEMPORARY FACILITIES FROM THE SITE.
- PROTECT ADJACENT AREAS TO PREVENT CONTAMINATION AND NUISANCE BY CONSTRUCTION DUST AND DEBRIS. PROVIDE TEMPORARY PROTECTION FOR ADJACENT FINISHES. PROMPTLY REPAIR ANY DAMAGE AT NO ADDITIONAL COST TO THE OWNER. PROTECT ADJACENT ITEMS THAT ARE TO REMAIN INCLUDING BUT NOT LIMITED TO, FINISHES, CASEWORK, FURNITURE, DOORS, PLUMBING FIXTURES, CEILING ASSEMBLIES, MECHANICAL AND ELECTRICAL EQUIPMENT.
- COMPLIANT DUST BARRIERS SHALL BE INSTALLED TO CONTAIN DUST AT THE AREAS WHERE CONCRETE CORES ARE TAKEN, BUT THEY ARE NOT INTENDED TO SERVE AS CONSTRUCTION BARRIERS.
- PROVIDE TEMPORARY BARRICADES AS NECESSARY TO ENSURE PROTECTION OF THE PUBLIC. MAINTAIN ALL REQUIRED PATHS OF BUILDING EGRESS. MAINTAIN EGRESS WITHIN AND AROUND CONSTRUCTION AREAS.
- PROTECT THE STRUCTURE DURING CONSTRUCTION. SUCH MEASURES INCLUDE, BUT MAY NOT BE LIMITED TO, BRACING AND SHORING FOR LOADS DURING CONSTRUCTION. RETAIN A REGISTERED STRUCTURAL ENGINEER WHOM IS PROPERLY QUALIFIED TO DESIGN BRACING, SHORING, ETC. VISITS TO THE SITE BY THE OWNER'S REPRESENTATIVE WILL NOT INCLUDE OBSERVATION OF THE ABOVE NOTED ITEMS. PROTECT STRUCTURAL COLUMNS, BEAMS AND FRAMING.
- PROVIDE SUITABLE WASTE DISPOSAL UNITS AND EMPTY REGULARLY. DO NOT PERMIT ACCUMULATION OF TRASH AND WASTE MATERIALS. REMOVE AND DISCARD ALL DEBRIS, DUST, WATER, AND OTHER SUBSTANCES RESULTING FROM THE REMOVAL OF THE TESTING SAMPLE.
- ASBESTOS ABATEMENT: REMOVE AND REPLACE FIREPROOFING RATING TO ELEMENT WITH APPROPRIATE PRODUCT.
- THERE ARE ISOLATED LOCATIONS WHERE CONCRETE CORE SAMPLES WILL BE TAKEN FROM WALLS AT EXIT STAIRS AND AT OTHER RATED WALLS. THIS WORK IS TO BE COMPLETED WITHIN AN 8 HOUR PERIOD. IF AFTER 8 HOURS, THE WORK IS NOT COMPLETE, THE WALLS ARE TO BE RETURNED TO A STATE WHERE THEY COMPLY WITH 2016 CBC EXISTING AND FIRE/LIFE SAFETY REQUIREMENTS.
- TEMPORARY CONSTRUCTION BARRIERS ARE NOT REQUIRED. WHERE WORK IN THE FIELD DETERMINES BARRIERS ARE NEEDED DUE TO UNFORSEEN CONDITIONS, SEE FIRE LIFE SAFETY NOTES FOR REQUIREMENTS.
- PROVIDE SCAFFOLDING, RIGGING, HOISTING AND SERVICES NECESSARY FOR COMPLETION OF THE WORK.
- OWNER WILL LIMIT HOURS OF CERTAIN TYPES OF NOISE PRODUCING CONSTRUCTION OPERATIONS. COORDINATE WITH OWNER'S REPRESENTATIVE.
- PATCH AND REPAIR FLOOR, PARTITION, AND CEILING PENETRATIONS WHERE ITEMS HAVE BEEN REMOVED TO MATCH EXISTING FINISH. SEAL RATED ASSEMBLIES WITH APPROVED U.L. RATED MATERIALS.
- REMOVE EXISTING FLOOR FINISHES AND PREPARE EXISTING SLAB FOR NEW FINISH INSTALLATION, U.O.N.
- ALL REPLACED FINISHES ARE TO MATCH EXISTING FINISHES. COORDINATE WITH THE FACILITY TO UTILIZE EXISTING "ATTIC STOCK" WHERE POSSIBLE. WHERE NOT POSSIBLE PROVIDE EQUAL FINISHES FOR REVIEW AND APPROVAL PRIOR TO INSTALLATION.
- ALL NEW FINISHES ARE REQUIRED TO BE CLASS A RATED. REVIEW NEW MATERIALS WITH FLSP PRIOR TO INSTALLATION.
- FIRE RESISTANCE OF RATED WALLS / CEILING SHALL BE REPAIRED / PATCHED TO MATCH THE EXISTING RATED CONDITION TO MAINTAIN THE CONTINUITY OF THE RATED WALL OR CEILING SYSTEM. A COPY OF A LISTED SYSTEM SHALL BE PROVIDED TO THE FIRE MARSHALL. PER C.F.C. SECTION 703.1 AND C.B.C. SECTION 602.1, 703.3 AND 711.2.

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AC-002	FLOOR PLAN LEVEL 0 - EW FIRE/LIFE SAFETY
AC-003	FLOOR PLAN LEVEL 0 - SW FIRE/LIFE SAFETY
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AC-005	FLOOR PLAN LEVEL 1 - EW FIRE/LIFE SAFETY
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AUTHORITY HAVING JURISDICTION:

HCAI

AUTHORITY HAVING JURISDICTION'S PROJECT NO.

S251130-34-00

FACILITY NUMBER

10619

AGENCY APPROVALS:



Project:

UCDH MEDICAL CENTER
EAST WING TOWER &
EAST WING RADIOLOGY
MTCAP

Sheet Title:

COVER SHEET

Scale:

As indicated

Job Number:

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GG

Design by:

ASH

Checked by:

MGA

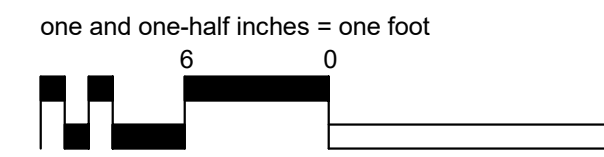
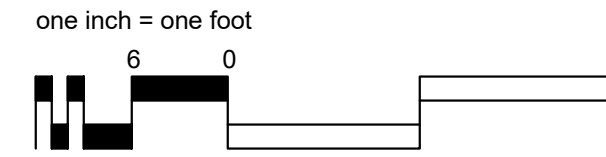
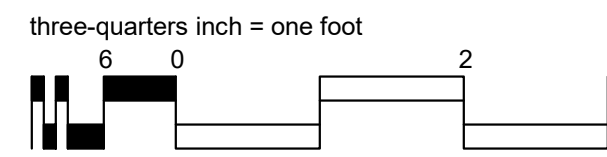
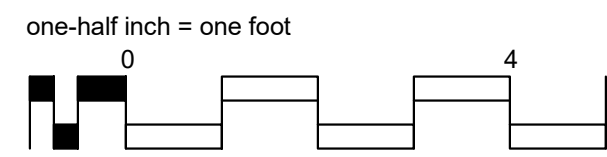
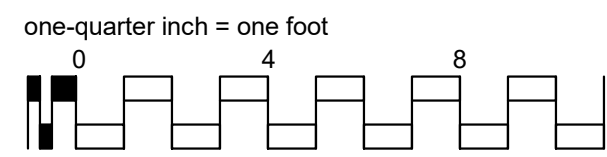
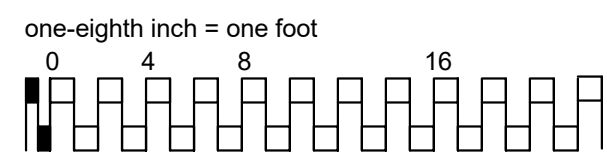
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SEALS AND SIGNATURES



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SEALS AND SIGNATURES

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MICHAEL ALLEN, STRUCTURAL
ENGINEER OF RECORD, CA S5414

Revision

[illegible]

AUTHORITY HAVING JURISDICTION:
HCAI

AUTHORITY HAVING JURISDICTION'S PROJECT NO.

S251130-34-00

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10619

AGENCY APPROVALS:



Project:

UCDH MEDICAL CENTER
EAST WING TOWER &
EAST WING RADIOLOGY
MTCAP

Sheet Title:

OVERALL FLOOR PLAN
LEVEL 0
FIRE/LIFE SAFETY

Scale:

NTS

Job Number:

9167.25.0001

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Design by:

Checked by:

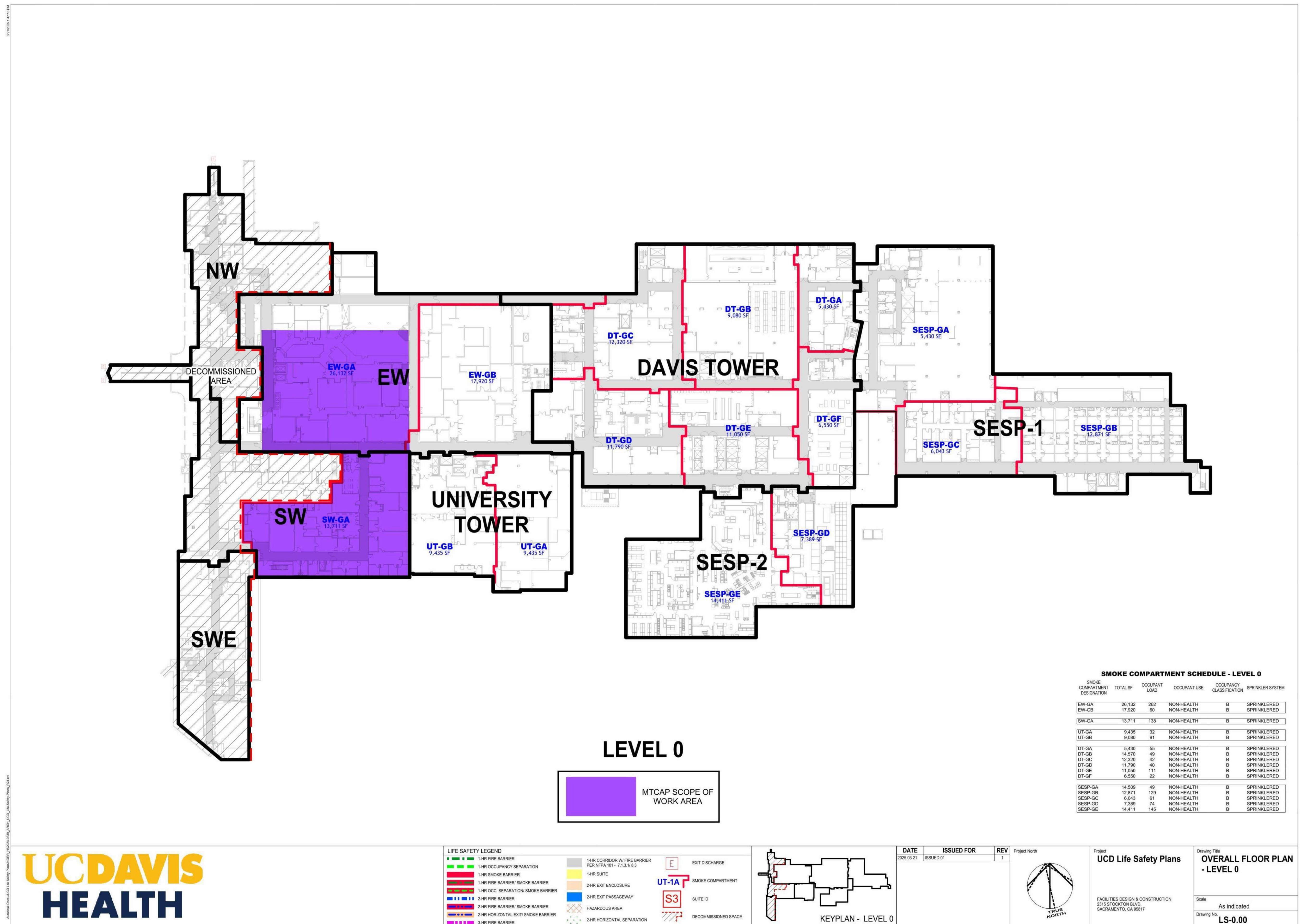
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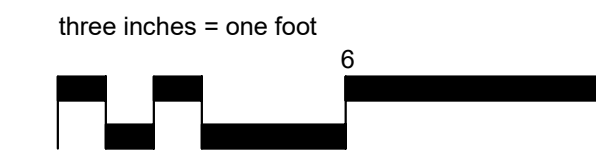
May 2, 2025

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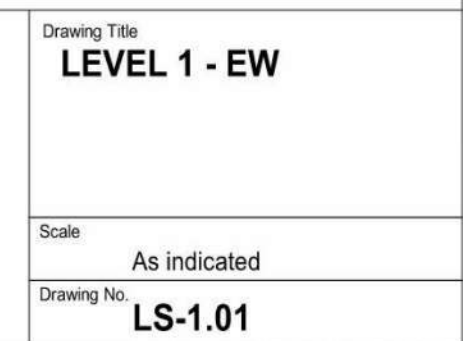
AC-001

Sheets





Sheets





DE Job Number: C2953022.04

SEALS AND SIGNATURES



Date Signed: 05/05/2025

Consultants

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MICHAEL ALLEN, STRUCTURAL
ENGINEER OF RECORD, CA 88414

Revision

[illegible]

AUTHORITY HAVING JURISDICTION:

HCAI

AUTHORITY HAVING JURISDICTION'S PROJECT NO.

S251130-34-00

FACILITY NUMBER

10619

AGENCY APPROVALS:



Project:

UCDH MEDICAL CENTER
EAST WING TOWER &
EAST WING RADIOLOGY
MTCAP

Sheet Title:

FLOOR PLAN
LEVEL 1 - SW
FIRE/LIFE SAFETY

Scale:

NTS

Job Number: 9167.25.0001

Drawn by:

Design by:

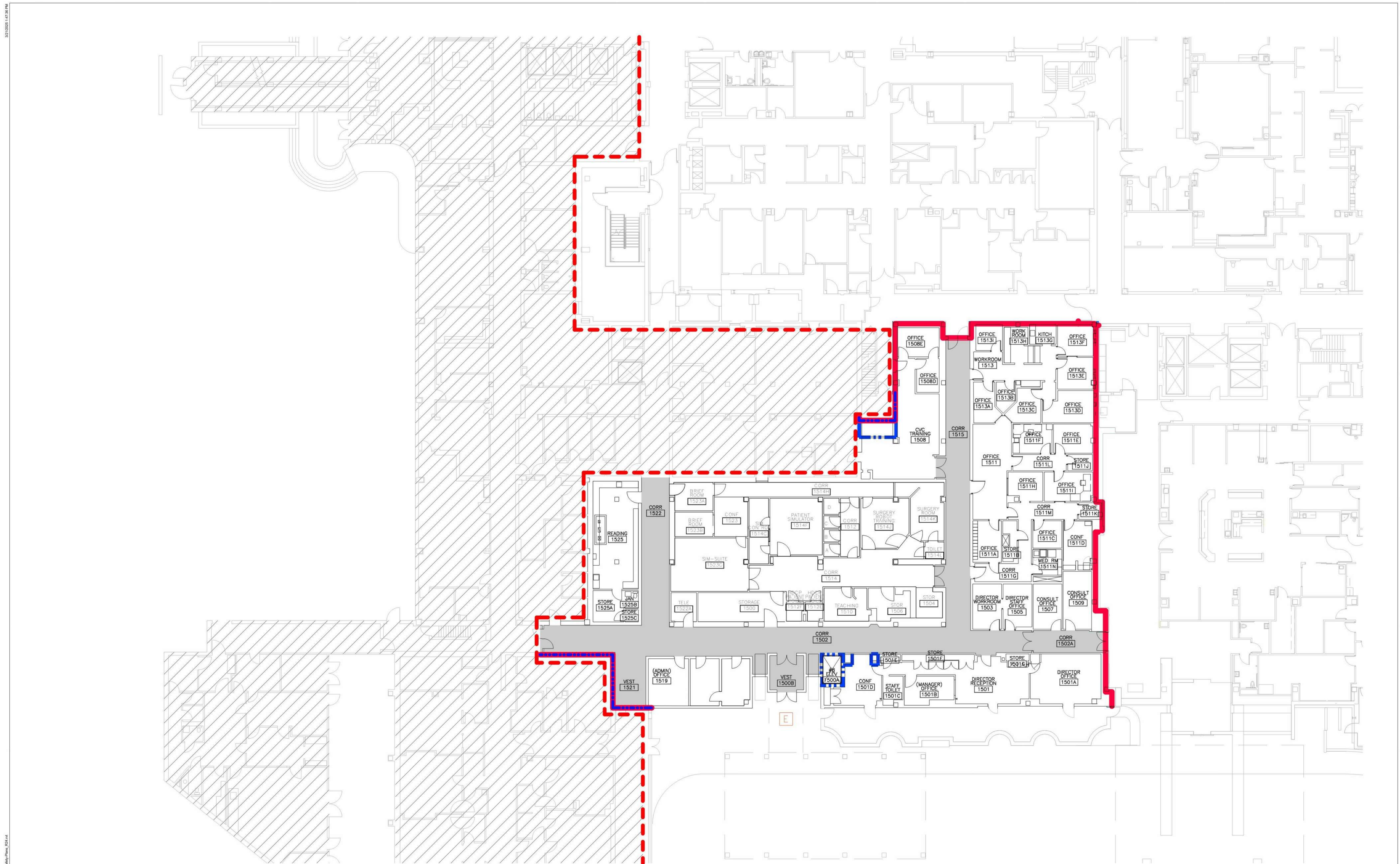
Checked by: _____

Date: May 2, 2025

Drawing Number:

AC-006

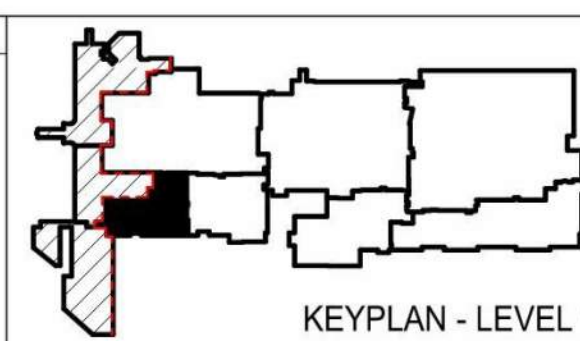
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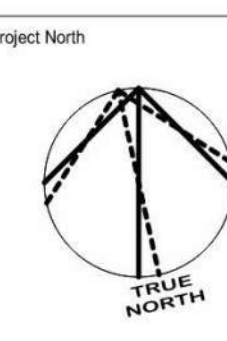
LEVEL 1 - SW PLAN
SCALE: 3/32" = 1'-0"



LIFE SAFETY LEGEND					
	1-HR FIRE BARRIER		1-HR CORRIDOR W/ FIRE BARRIER PER NFPA 101, 7.13.5.9.3		EXIT DISCHARGE
	1-HR OCCUPANCY SEPARATION		1-HR SUITE		SMOKE COMPARTMENT
	1-HR SMOKE BARRIER		2-HR EXIT ENCLOSURE		SUITE ID
	1-HR FIRE BARRIER SMOKE BARRIER		2-HR EXIT PASSAGEWAY		DECOMMISSIONED SPACE
	1-HR OCC. SEPARATION SMOKE BARRIER		HAZARDOUS AREA		
	2-HR FIRE BARRIER		2-HR HORIZONTAL SEPARATION		
	2-HR FIRE BARRIER SMOKE BARRIER				
	2-HR HORIZONTAL EXIT SMOKE BARRIER				
	3-HR FIRE BARRIER				



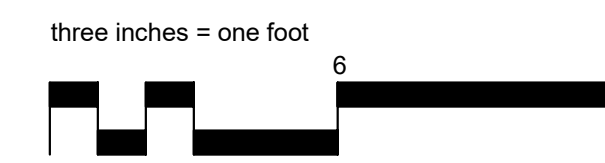
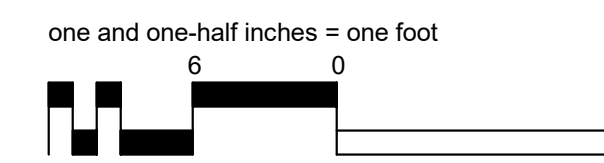
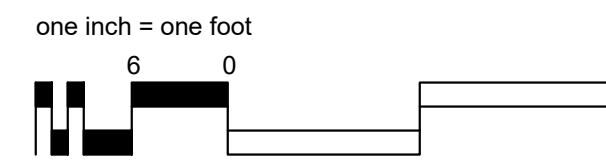
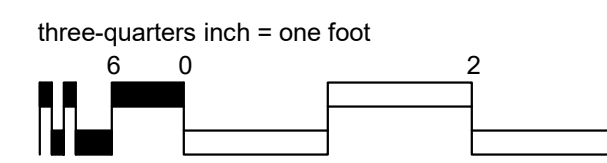
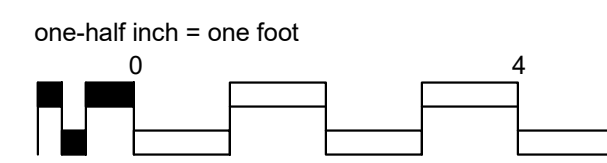
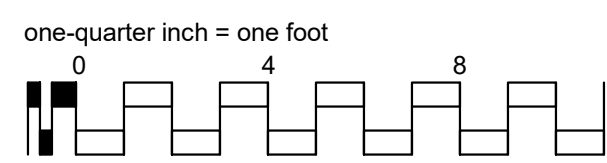
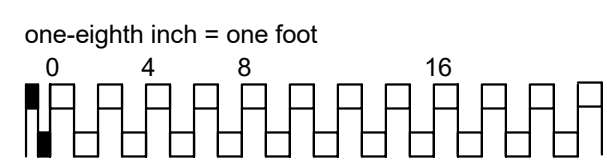
DATE	ISSUED FOR	RE
2025.03.21	ISSUED 01	1



Project
UCD Life Safety Plans

FACILITIES DESIGN & CONSTRUCTION
2315 STOCKTON BLVD.
SACRAMENTO, CA 95817

Drawing Title	LEVEL 1 - SW
Scale	As indicated
Drawing No.	LS-1.02



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SEALS AND SIGNATURES

Date Signed: 05/05/2025

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Mike Allen 07/10/2025
MICHAEL ALLEN, STRUCTURAL ENGINEER CURECCO, CA 84614 DATE

Revision

[illegible]

AUTHORITY HAVING JURISDICTION:
HCAI

AUTHORITY HAVING JURISDICTION'S PROJECT NO.

S251130-34-00

AGENCY APPROVALS:



Project:

UCDH MEDICAL CENTER
EAST WING TOWER &
EAST WING RADIOLOGY
MTCAP

Sheet Title:

FLOOR PLAN
LEVEL 3 - EW
FIRE/LIFE SAFETY

Scale:

ENTS

Job Number:

9167.25.0001

Drawn by:

Design by:

Checked by:

Date:

May 2, 2025

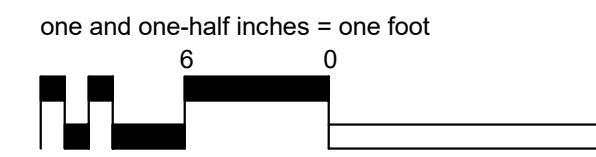
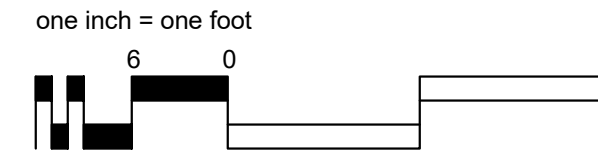
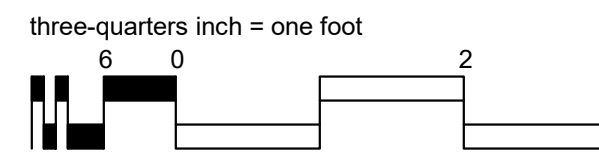
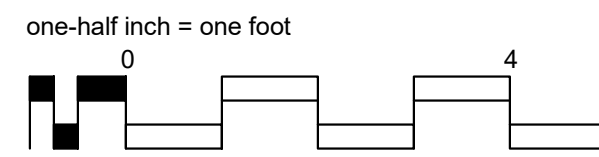
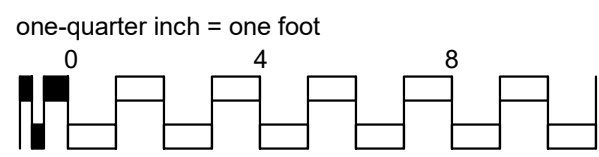
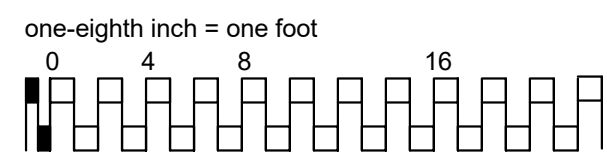
Drawing Number:

AC-010

Sheets

01 January, 2015
File Path

File Path



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Date Signed: 05/05/2025

Consultants



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07/10/2025

MICHAEL ALLEN, STRUCTURAL
 ENGINEER (CER/REG/CO), CA 55614

DATE

Revision

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AUTHORITY HAVING JURISDICTION:

HCAI

AUTHORITY HAVING JURISDICTION'S PROJECT NO.

S251130-34-00

FACILITY NUMBER

10619

AGENCY APPROVALS:



Project:

UCDH MEDICAL CENTER
EAST WING TOWER &
EAST WING RADIOLOGY
MTCAP

Sheet Title:

OVERALL FLOOR PLAN
LEVEL 5
FIRE/LIFE SAFETY

Scale:

ENTS

Job Number:

9167.25.0001	
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Drawn by:

Design by:

Checked by:

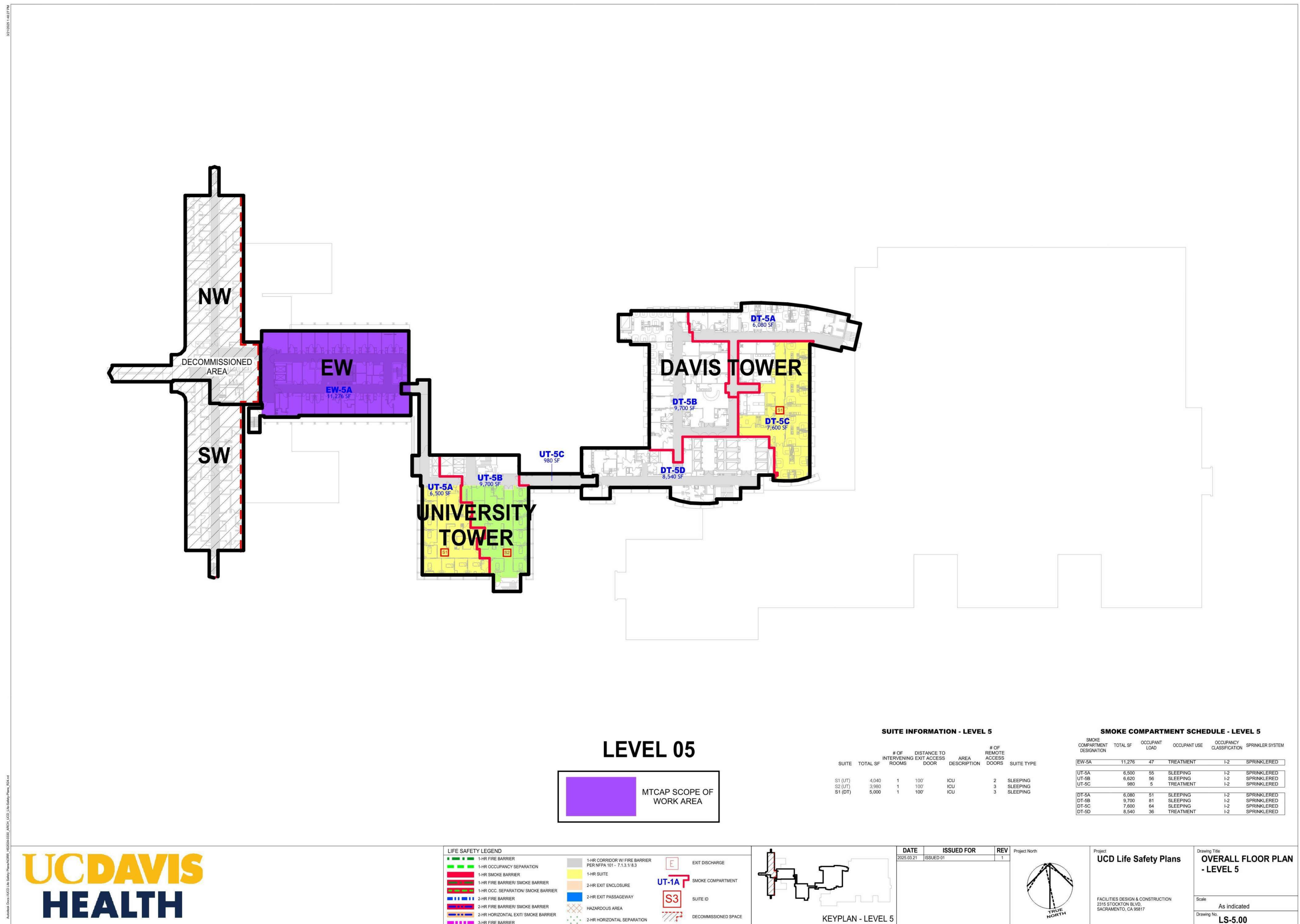
Date:

May 2, 2025

Drawing Number:

AC-013

Sheets





DE Job Number: C2953022.04

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07/10/2014

Mike Allen

MICHAEL ALLEN, STRUCTURAL
ENGINEER OF RECORD, CA 5414

DATE

revision

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S251130-34-00

FACILITY NUMBER

AGENCY APPROVALS:



Project:

UCDH MEDICAL CENTER
EAST WING TOWER &
EAST WING RADIOLOGY
MTCAP

Sheet Title:

FLOOR PLAN
LEVEL 6 - EW
FIRE/LIFE SAFETY

Scale:

NTS

Job Number: 9167.25.0001

Drawn by:

Design by:

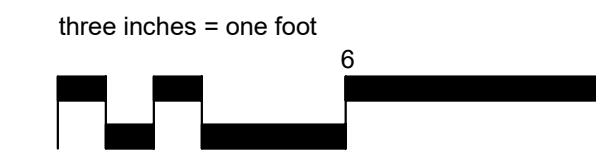
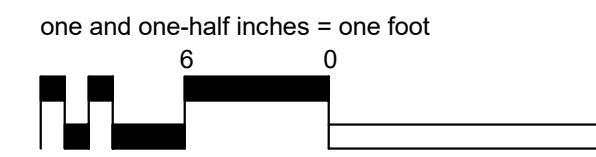
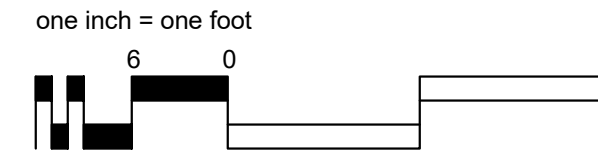
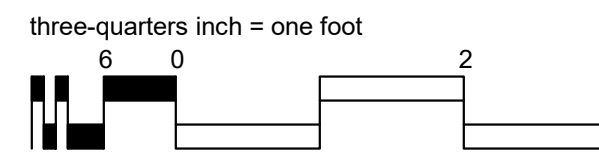
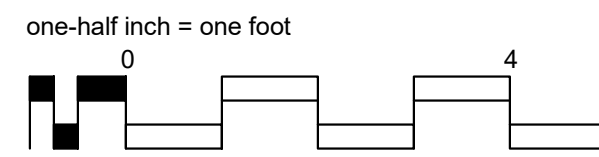
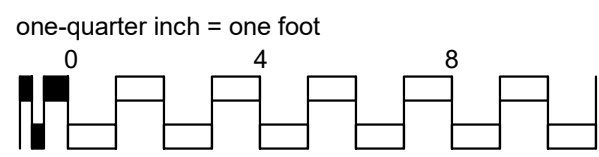
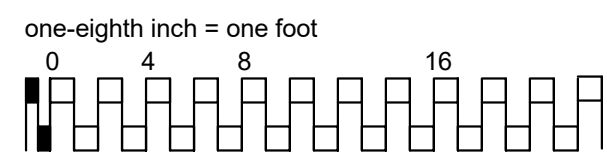
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Drawing Number:

AC-016

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SEALS AND SIGNATURES



Date Signed: 05/05/2025

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07/10/2025

MICHAEL ALLEN, STRUCTURAL
ENGINEER OF RECORD, CA 8414

DATE

Revision

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AUTHORITY HAVING JURISDICTION:

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AUTHORITY HAVING JURISDICTION'S PROJECT NO.

S251130-34-00

FACILITY NUMBER

10619

AGENCY APPROVALS:



Project:

UCDH MEDICAL CENTER
EAST WING TOWER &
EAST WING RADIOLOGY
MTCAP

Sheet Title:

OVERALL FLOOR PLAN
LEVEL 7
FIRE/LIFE SAFETY

Scale:

ENTS

Job Number:

9167.25.0001	
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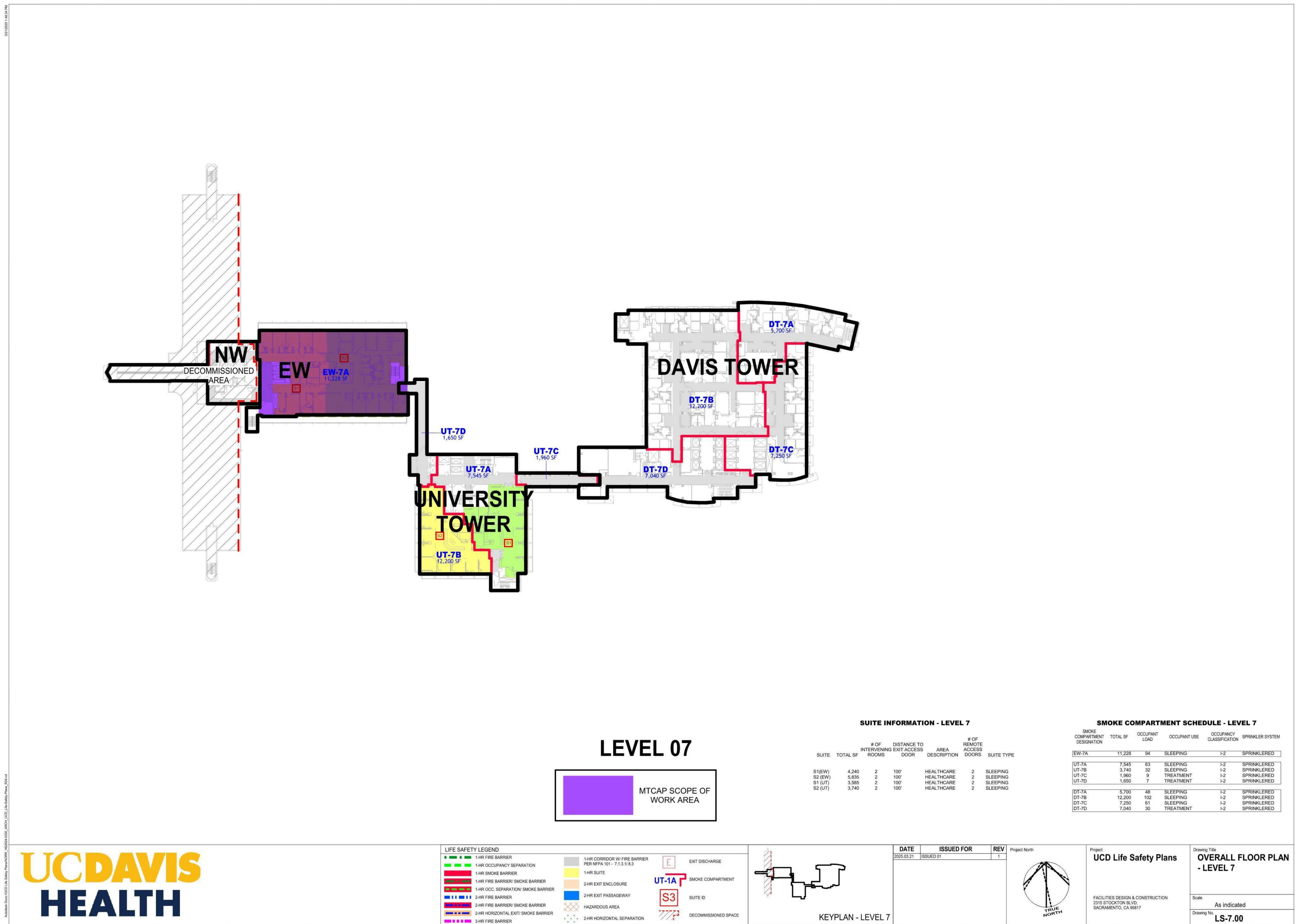
Date:

May 2, 2025

Drawing Number:

AC-017

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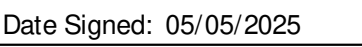


Drawing Title	LEVEL 7 - EW
Scale	As indicated
Drawing No.	LS-7.01

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ENGINEER OF RECORD, CA 55414

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AUTHORITY HAVING JURISDICTION'S PROJECT NO.

S251130-34-00

FACILITY NUMBER

AGENCY APPROVALS:



Project:

UCDH MEDICAL CENTER
EAST WING TOWER &
EAST WING RADIOLOGY
MTCAP

Sheet Title:

FLOOR PLAN
LEVEL 8 - EW
FIRE/LIFE SAFETY

Scale:

NTS

Job Number: 9167.25.0001

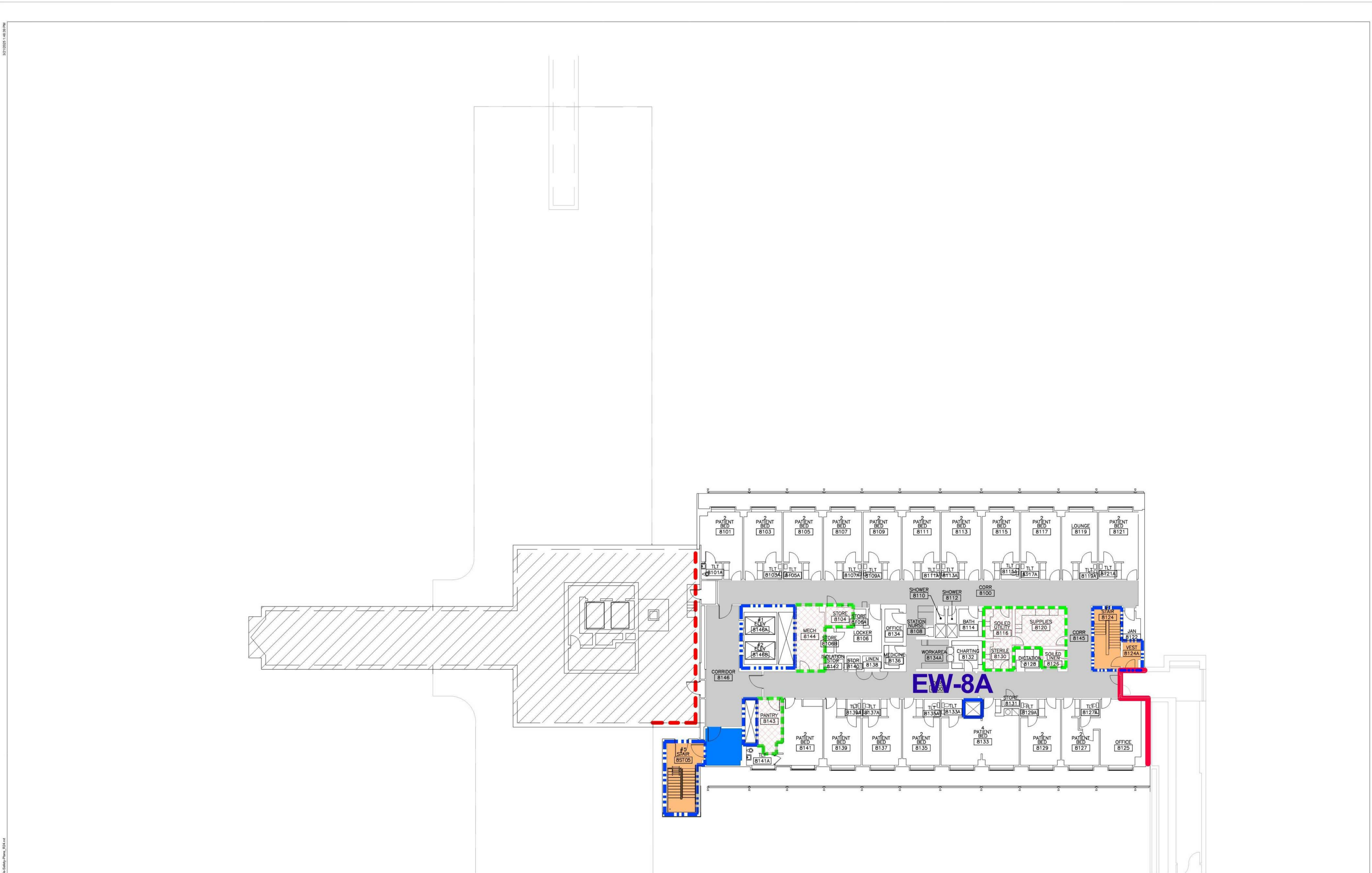
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Design by:

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Drawing Number:

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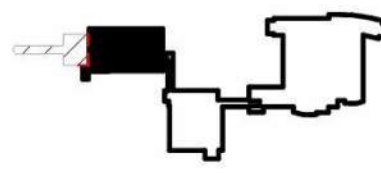


LEVEL 8 - EW PLAN



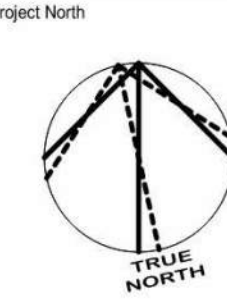
LIFE SAFETY LEGEND

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	1HR OCCUPANCY SEPARATION		1HR SUITE	
	1HR FIRE BARRIER		2HR EXT ENCLOSURE	
	1HR FIRE BARRIER/ SMOKE BARRIER		2HR EXT PASSAGEWAY	
	1HR OCC. SEPARATION/ SMOKE BARRIER			HAZARDOUS AREA
	2HR FIRE BARRIER			2HR HORIZONTAL SEPARATION
	2HR FIRE BARRIER/ SMOKE BARRIER			
	2HR HORIZONTAL EXIT/ SMOKE BARRIER			
	3HR FIRE BARRIER			



KEYPLAN - LEVEL 8

DATE	ISSUED FOR	REV
2025.03.21	ISSUED 01	1



Project
UCD Life Safety Plans

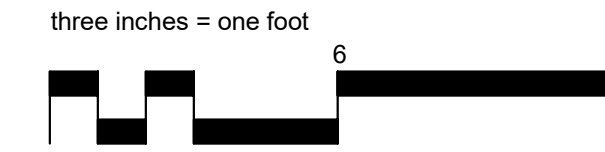
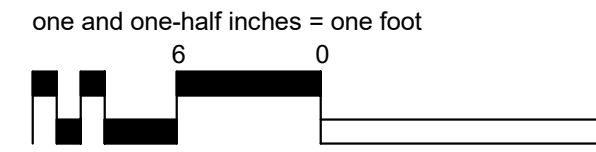
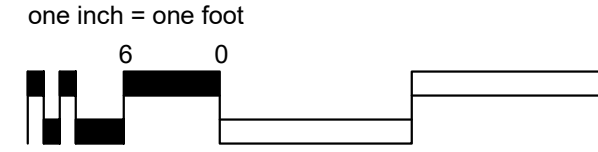
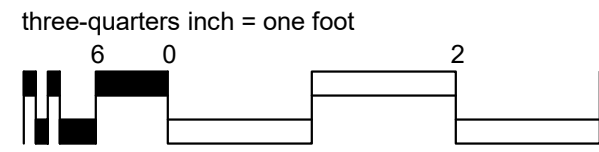
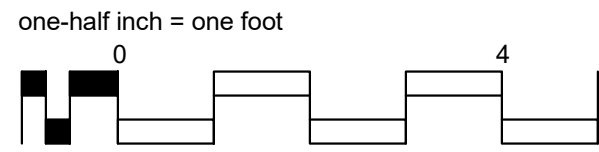
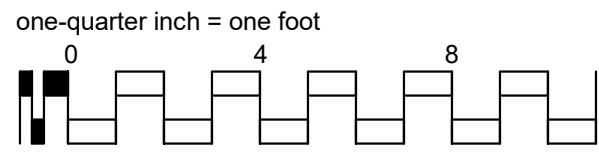
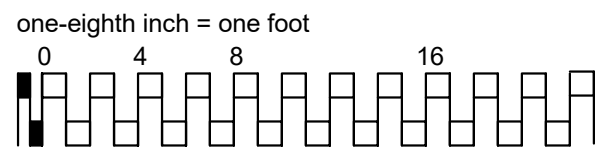
FACILITIES DESIGN & CONSTRUCTION
2315 STOCKTON BLVD.
SACRAMENTO, CA 95817

FACILITIES DESIGN & CONSTRUCTION
2315 STOCKTON BLVD.
SACRAMENTO, CA 95817

Drawing Title
LEVEL 8 - EW

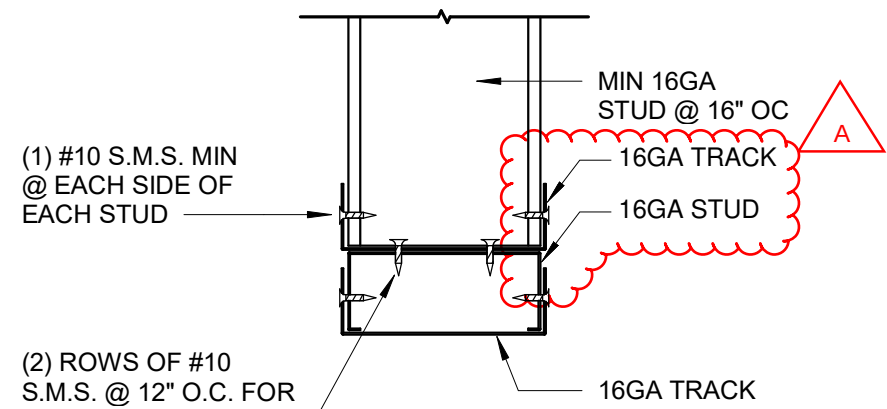
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Drawing No. **LS-8.01**



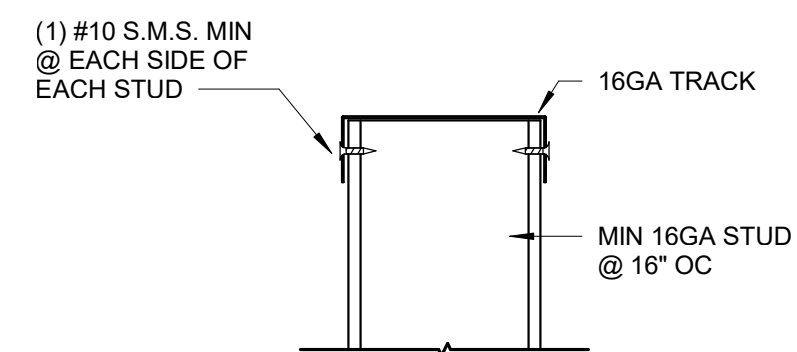
STUD SCHEDULE		
MAX STUD HEIGHT	STUD SIZE	CRIPPLE WALL STUD
11'-6"	362S162-43 @ 16" OC	362S162-43 @ 16" OC

NOTE: 54 MIL (16-GAGE) STUDS MAY BE USED.



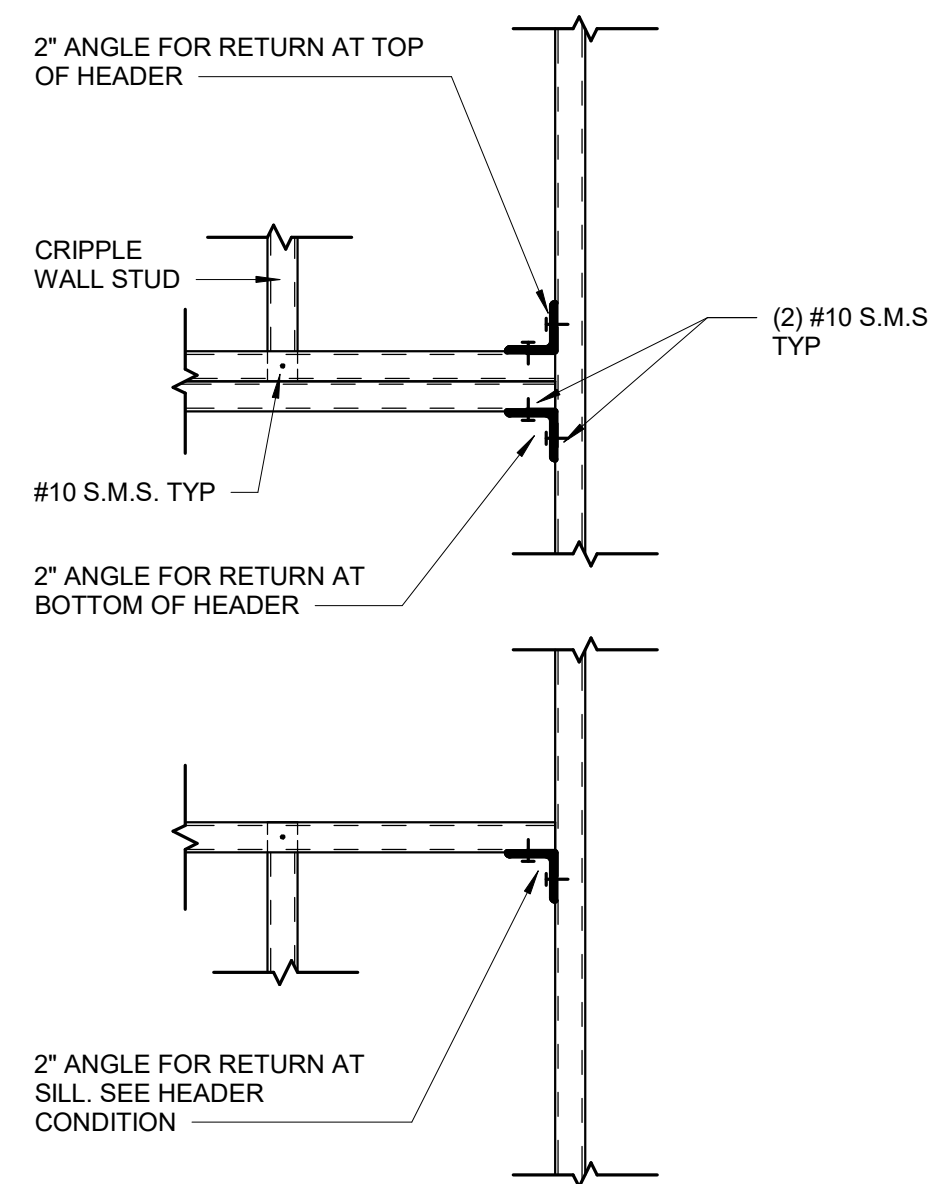
HEADER SECTION (4'-0" MAX OPENING WIDTH)

3" = 1'-0"



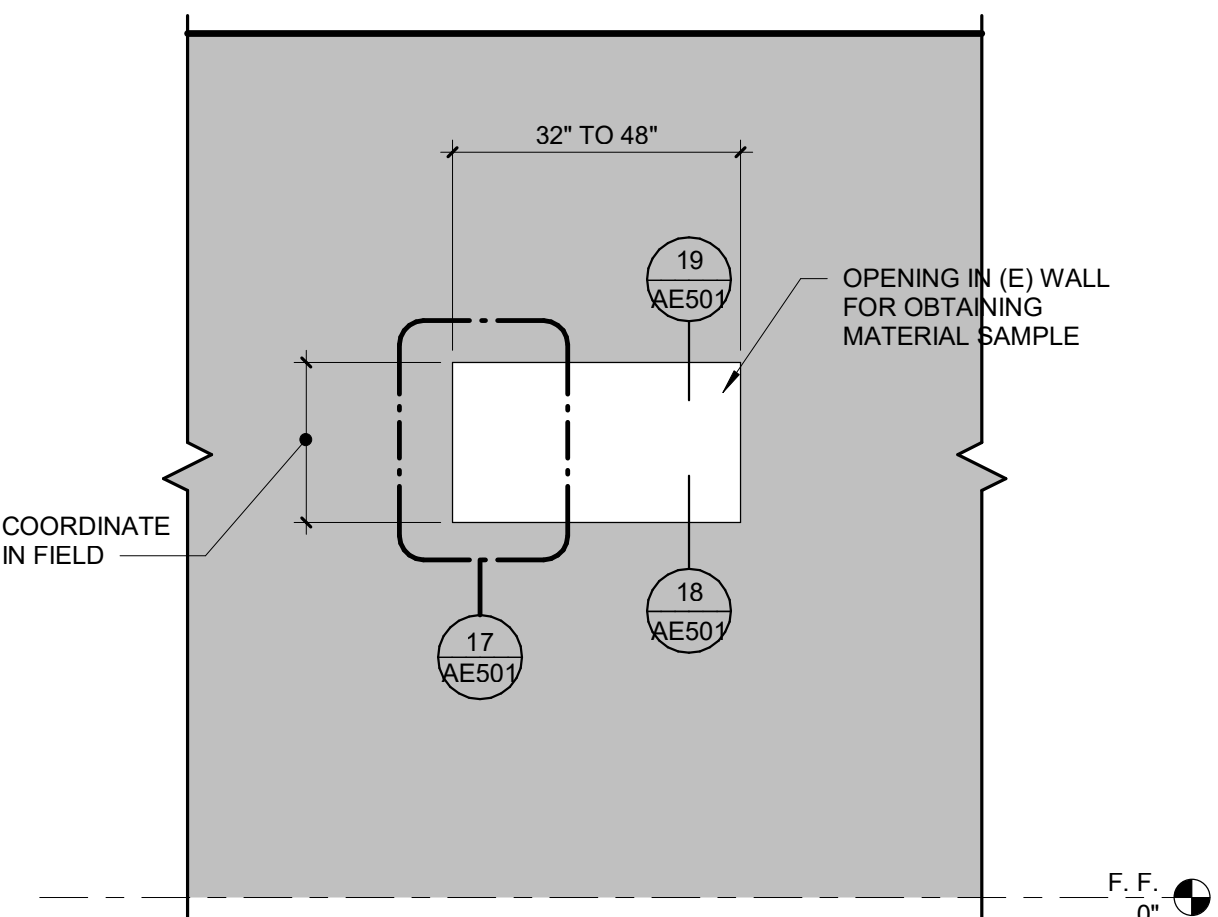
SILL SECTION (4'-0" MAX OPENING WIDTH)

3" = 1'-0"



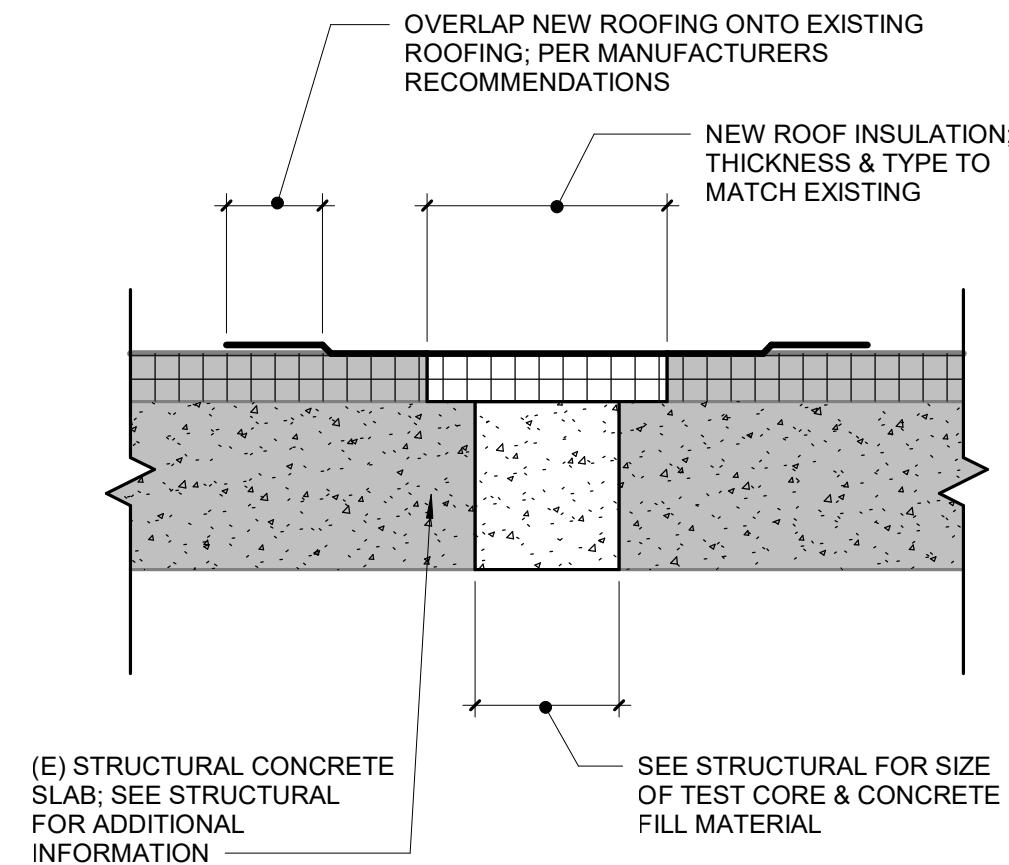
HEADER & SILL CONNECTION TO JAMB STUDS (4'-0" MAX OPENING WIDTH)

1 1/2" = 1'-0"



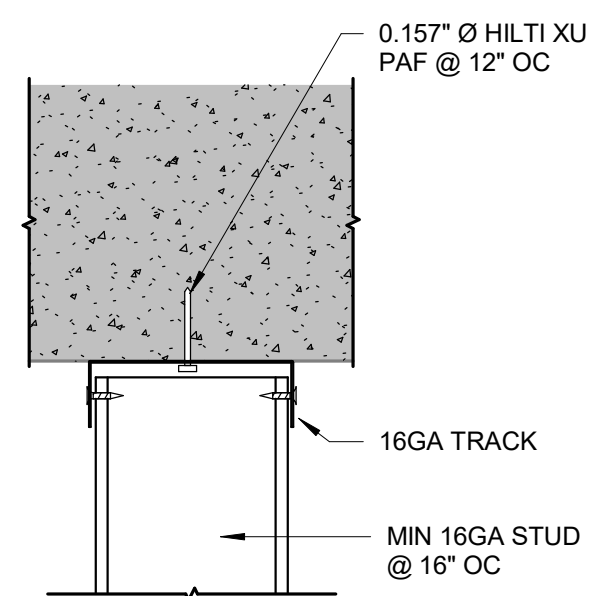
TYPICAL STUD INFILL 32" TO 48"

1/2" = 1'-0"



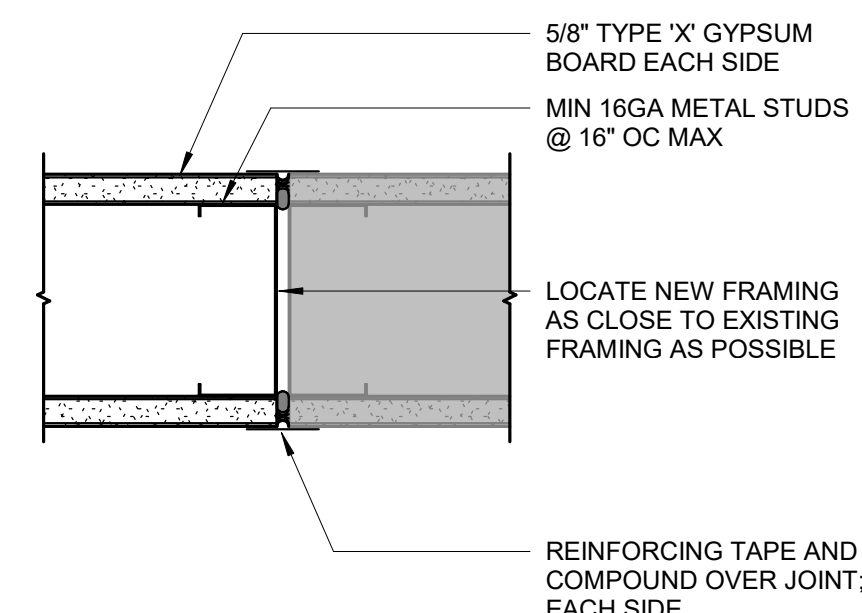
ROOF PATCH DETAIL

1 1/2" = 1'-0"



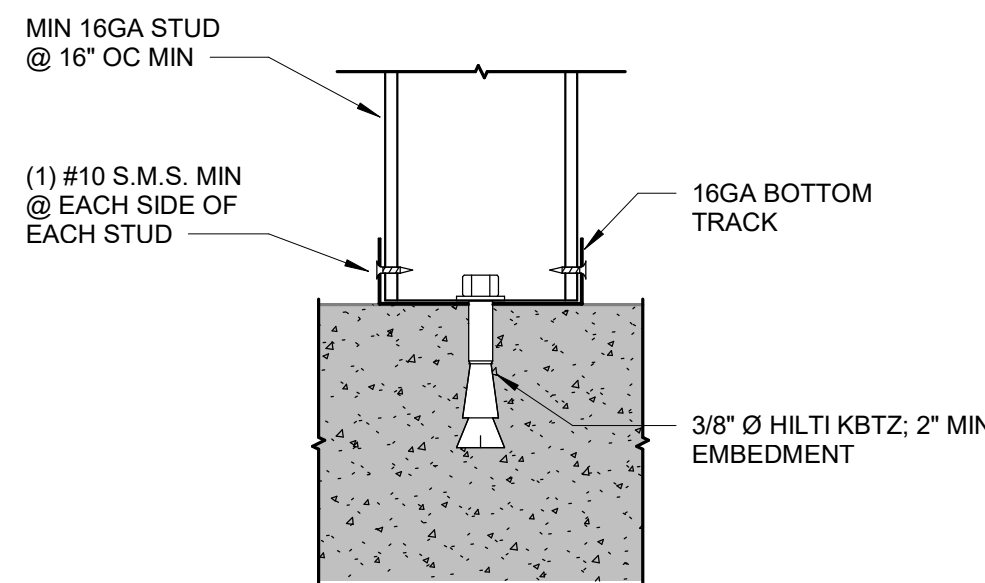
TOP OF PARTITION

3" = 1'-0"



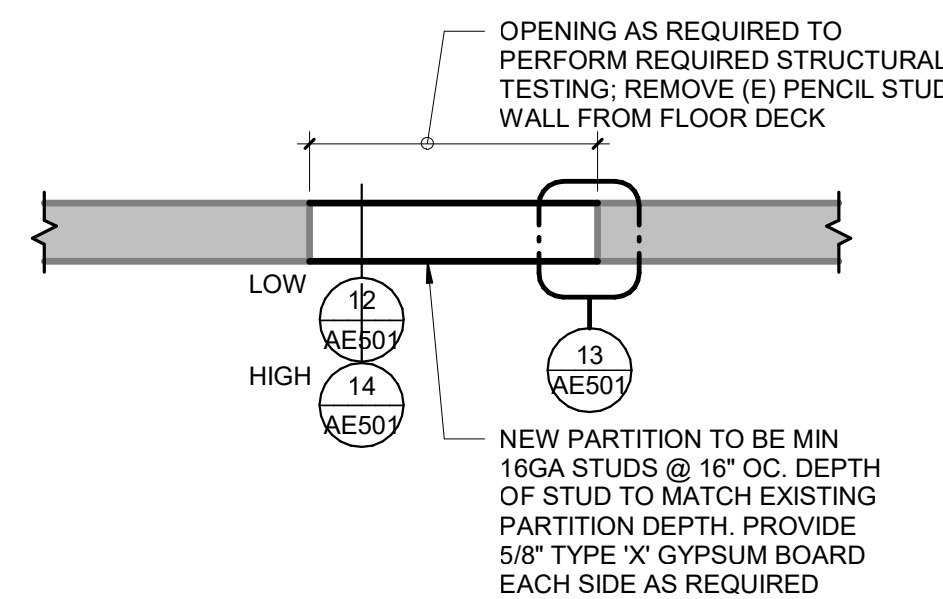
JAMB SECTION

3" = 1'-0"



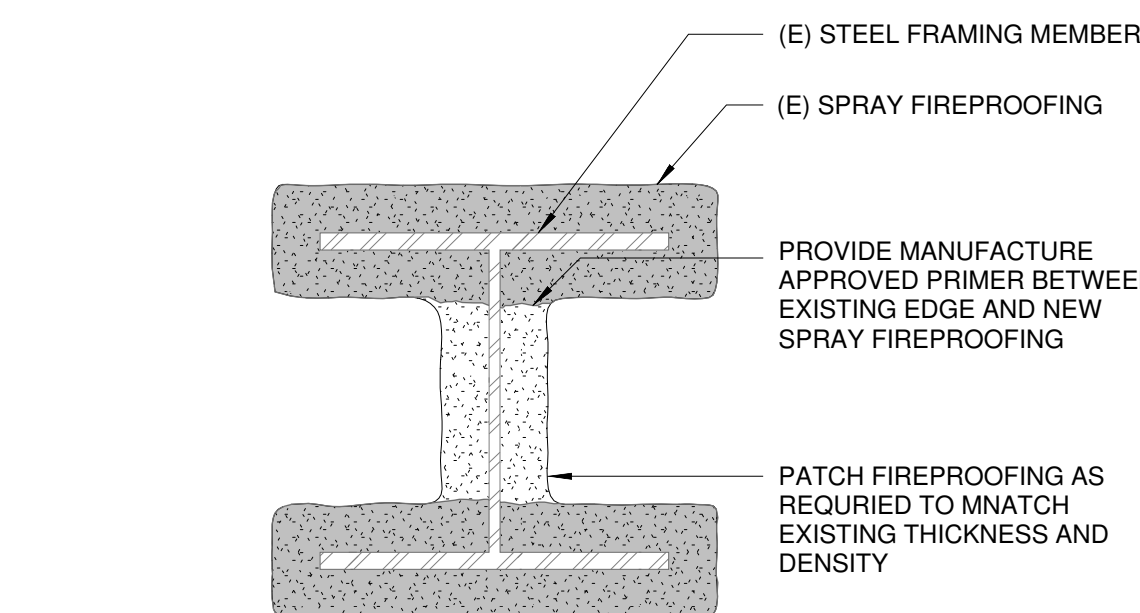
BASE OF PARTITION

3" = 1'-0"



TYPICAL STUD INFILL @ BASE/HEAD OF PARTITION

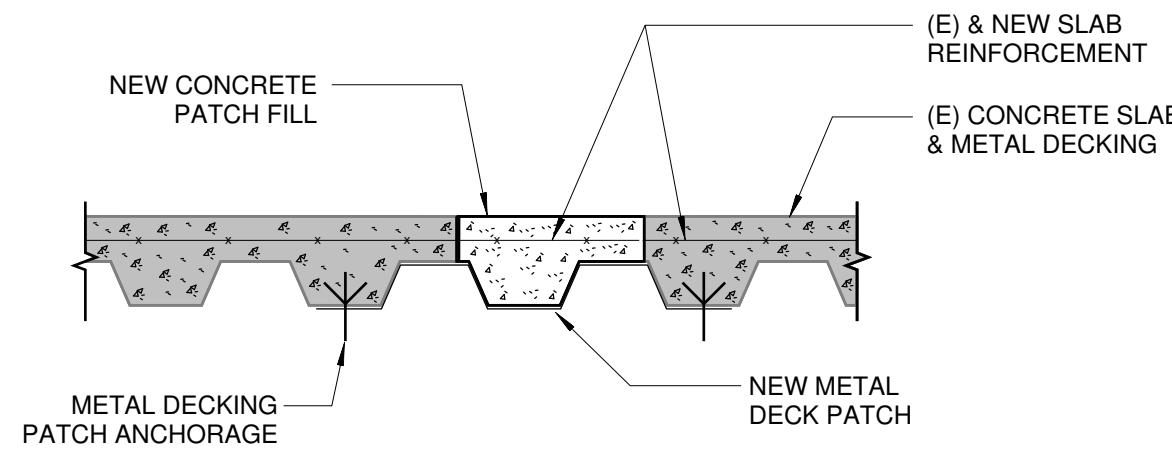
1/2" = 1'-0"



NOTE: SEE STRUCTURAL DRAWINGS FOR EXTENTS OF STEEL FRAMING MEMBER TEST AREAS.

DETAIL @ SPRAY FIREPROOFING PATCH

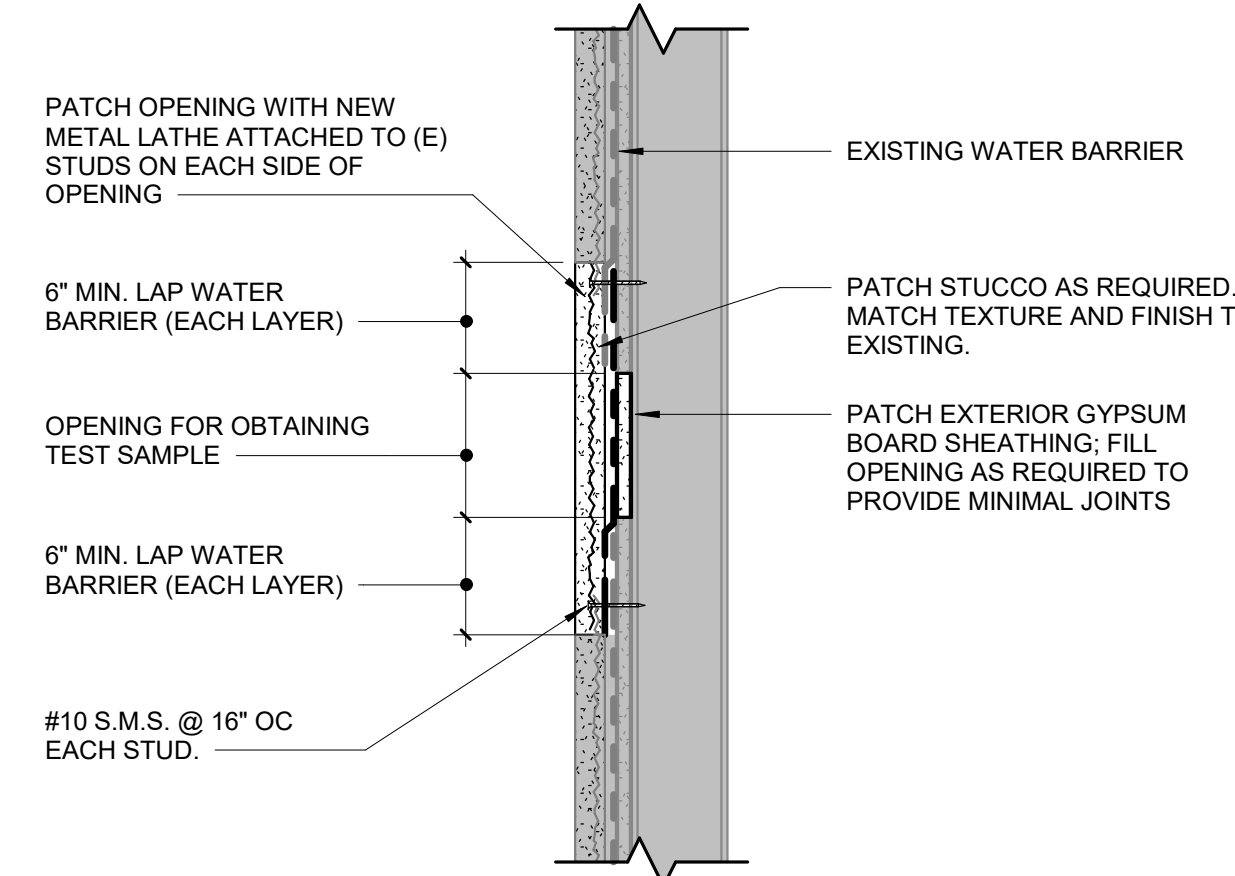
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NOTE: SEE STRUCTURAL DRAWINGS FOR DETAIL INFORMATION.

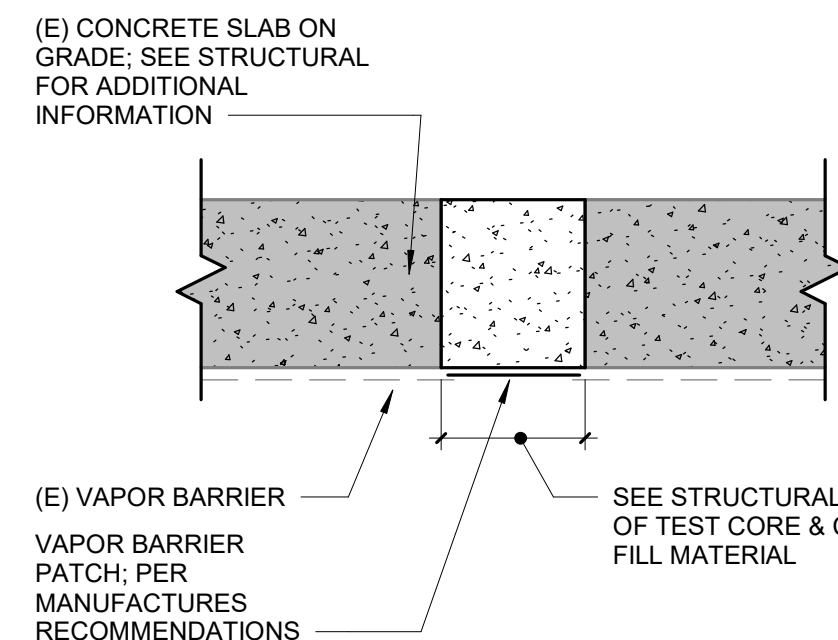
DETAIL - CONCRETE ON METAL DECK

N.T.S.



EXTERIOR WALL PATCH DETAIL.

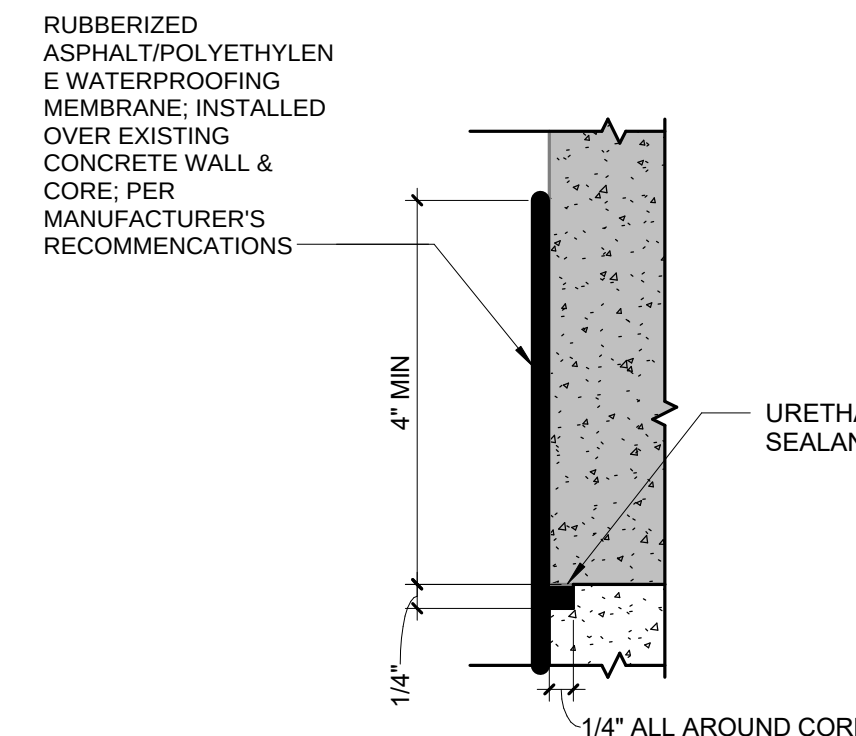
1 1/2" = 1'-0"



NOTE: VAPOR BARRIER IS NOT REQUIRED AT ELEVATED FLAT SLAB TEST LOCATIONS.

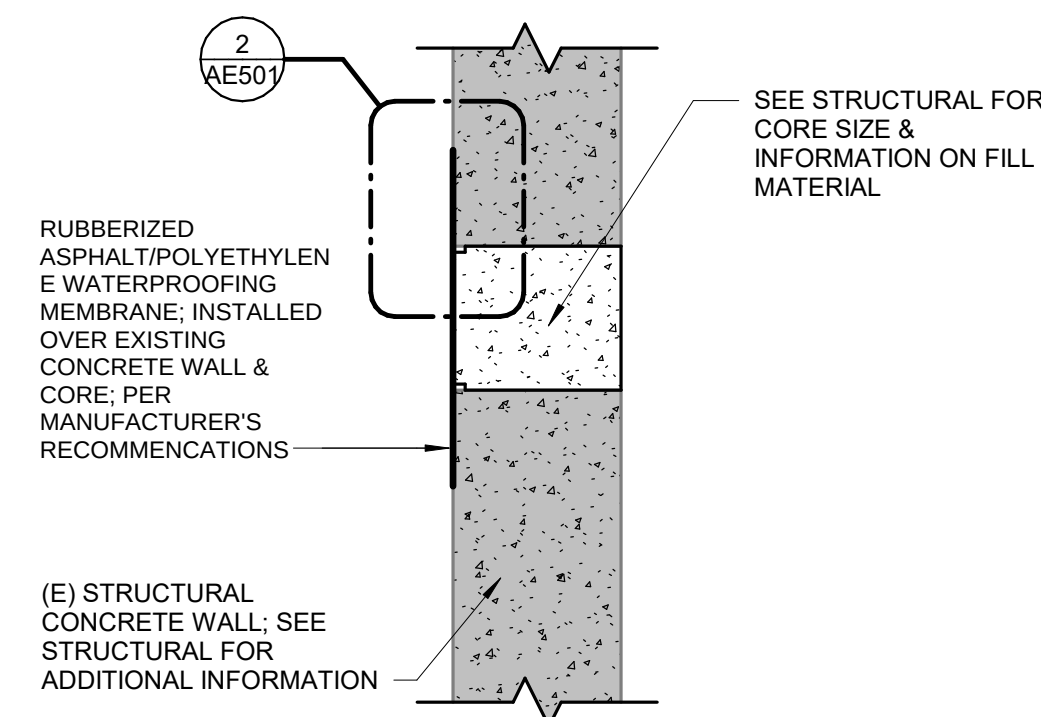
VAPOR BARRIER PATCH DETAIL

1 1/2" = 1'-0"



WALL PATCH DETAIL

6" = 1'-0"



EXTERIOR WALL PATCH DETAIL

1 1/2" = 1'-0"

OWNER:

UC DAVIS HEALTH



DEGENKOLB ENGINEERS
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Sacramento, CA 95814
www.degenkolb.com
DE Job Number: C2953022-04

SEALS AND SIGNATURES



Date Signed: September 2, 2025

Consultants

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SEALS AND SIGNATURES

THIS DRAWING WAS PREPARED BY THE CALIFORNIA REGISTERED PROFESSIONAL ARCHITECT OR ENGINEER WHOSE STAMP AND SIGNATURE HAVE BEEN PLACED ON THIS DRAWING AND IS INCLUDED IN THIS SET OF DOCUMENTS.

MICHAEL ALLEN, STRUCTURAL
ENGINEER OF RECORD, CA 50454
DATE

Revision

No.	Description	Date
A	BACKCHECK #1	08/20/25

AUTHORITY HAVING JURISDICTION:

HCAI

AUTHORITY HAVING JURISDICTION'S PROJECT NO.

S251130-34-00

FACILITY NUMBER

10619

AGENCY APPROVALS:



Project:

UCDH MEDICAL CENTER
EAST WING TOWER &
EAST WING RADIOLOGY
MTCAP

Sheet Title:

ARCHITECTURAL REPAIR
DETAILS

Scale:

NOTED

Job Number:

9167.25.0001

Drawn by:

Design by:

Checked by:

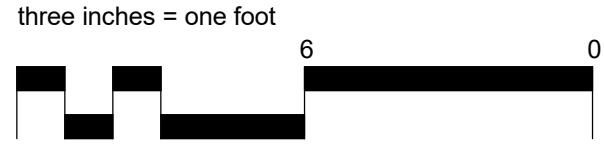
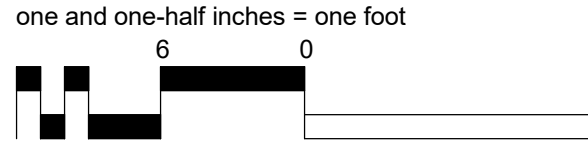
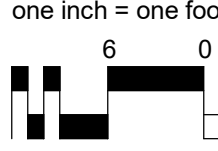
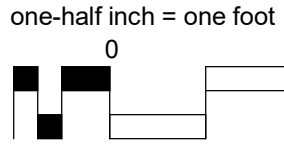
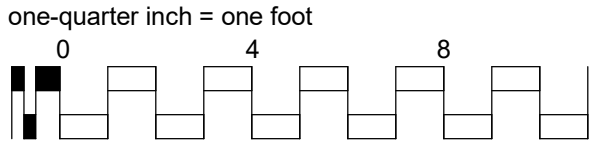
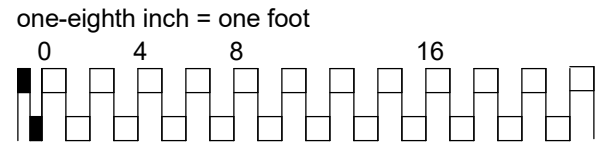
Date:

May 2, 2025

Drawing Number:

AE-501

of Sheets



IF THIS DRAWING IS NOT 30inx42in IT IS A REDUCED PRINT.
REFER TO GRAPHIC SCALE

GENERAL SPECIFICATIONS

DEFINITIONS AND LANGUAGE:

- THE FOLLOWING WORDS AND TERMS ARE USED IN THESE SPECIFICATIONS AND ARE DEFINED AS FOLLOWS:
 - AS APPLICABLE AS APPROPRIATE FOR THE PARTICULAR CONDITION, CIRCUMSTANCE, OR SITUATION.
 - AS REQUIRED: AS REQUIRED BY REGULATORY REQUIREMENTS, BY REFERENCED STANDARDS, BY EXISTING CONDITIONS, OR BY THE CONTRACT DOCUMENTS.
 - AS DIRECTED: AS INSTRUCTED BY THE OWNER'S REPRESENTATIVE IN WRITING.
 - FURNISH, SUPPLY AND DELIVER TO THE SITE.
 - PROVIDE: FURNISH AND INSTALL.
 - SATISFACTORY: TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE; SUBJECT TO THE OWNER'S REPRESENTATIVE'S ACCEPTANCE.
 - SPECIFIED: AS SPECIFIED IN THESE SPECIFICATIONS.
- THESE SPECIFICATIONS ARE WRITTEN PRIMARILY IN THE IMPERATIVE MOOD; IMPERATIVE LANGUAGE IS DIRECTED TO THE TESTING AGENCY. THE INDICATIVE MOOD IS EMPLOYED ON OCCASION WHEN SUCH SENTENCE STRUCTURE IS NECESSARY TO CONVEY THE INTENDED MEANING.

PERMITS:

- APPLY FOR, OBTAIN, AND PAY FOR BUILDING PERMITS AND OTHER PERMITS REQUIRED TO PERFORM WORK.

REFERENCE STANDARDS:

- THE CONTRACT DOCUMENTS CONTAIN REFERENCES TO VARIOUS STANDARDS, SPECIFICATIONS, CODES, PRACTICES, AND REQUIREMENTS FOR MATERIALS, WORK QUALITY, INSTALLATION, INSPECTIONS, AND TESTS, WHICH ARE PUBLISHED AND ISSUED BY THE ORGANIZATIONS, SOCIETIES, AND ASSOCIATIONS NOTED HEREIN. SUCH REFERENCES ARE HEREBY MADE A PART OF THE CONTRACT DOCUMENTS TO THE EXTENT SPECIFIED OR REQUIRED.
- REFERENCE TO CODES, RULES, REGULATIONS, STANDARDS, MANUFACTURER'S INSTRUCTIONS OR REQUIREMENTS OF REGULATORY AGENCIES IS TO THE LATEST PRINTED EDITION OF EACH IN EFFECT AT THE DATE OF SUBMISSION OF BID UNLESS THE DOCUMENT DATE IS SHOWN.

DRAWINGS AND DETAILS:

- DO NOT SCALE THE DRAWINGS.
- INFORMATION SHOWN ON THE DRAWINGS RELATED TO EXISTING CONDITIONS REPRESENTS THE PRESENT KNOWLEDGE, BUT WITHOUT GUARANTEE OF ACCURACY. REPORT CONDITIONS THAT CONFLICT WITH THE CONTRACT DOCUMENTS TO THE OWNER'S REPRESENTATIVE. DO NOT DEViate FROM THE CONTRACT DOCUMENTS WITHOUT WRITTEN DIRECTION FROM THE OWNER'S REPRESENTATIVE.

CUTTING AND PATCHING:

- CUT MATERIALS WITH APPROPRIATE TOOLS. DO NOT CUT AND PATCH IN A MANNER THAT WOULD RESULT IN THE FOLLOWING DEFICIENCIES:
 - DECREASED FIRE PERFORMANCE.
 - DECREASED ACoustICAL PERFORMANCE.
 - DECREASED ENERGY PERFORMANCE.
 - DECREASED OPERATIONAL LIFE, OR
 - DECREASED LIFE SAFETY FACTORS.
- PATCH WITH ALL NEW MATERIALS USING ESTABLISHED METHODS TO PRODUCE A FINISHED PATCH THAT IS NOT VISIBLE FROM A DISTANCE OF THREE FEET. IN CASE REMOVAL OF GYPSUM BOARD AT NONSTRUCTURAL WALLS IS REQUIRED TO ACCESS THE STRUCTURAL ELEMENTS TO BE SAMPLED, NEW GYPSUM BOARD AND CONNECTIONS TO MATCH EXISTING CONDITIONS.
- NON-SHRINK GROUT, 3,000 PSI MIN; EUCLID CHEMICAL COMPANY'S "EUCO-NS", L & M CRYSTEX, MASTER BUILDERS' "MASTERFLOW 713", OR FIVE STAR GROUT. WHERE HIGH FLUIDITY OR INCREASED PLACING TIME IS REQUIRED, USE EUCLID CHEMICAL COMPANY'S "EUCO-HI-FLOW GROUT" OR MASTER BUILDERS' "MASTERFLOW 928". PLACE GROUT AND PREPARE SURFACE PER MANUFACTURER'S RECOMMENDATIONS. GROUT TESTING PER ASTM C100. VERIFY SURFACES MEET 1/4" ROUGHNESS REQUIREMENTS PRIOR TO APPLICATION OF GROUT.
- ALL INTERIOR CORES AND PRIMIS MUST BE REPAIRED ON THE SAME DAY. IF DUE TO UNEXPECTED CONDITIONS IT IS NOT POSSIBLE TO REPAIR A SAMPLE ON THE SAME DAY, PROVIDE TEMPORARY CONSTRUCTION BARRIERS AROUND THE AFFECTED AREA. SEE SHEET 6001 FIRE SAFETY DURING CONSTRUCTION AND DEMOLITION FOR REQUIREMENTS.

PRE-WORK CONFERENCE:

- PRIOR TO START OF CONSTRUCTION, ARRANGE FOR AND CONDUCT A CONFERENCE TO DISCUSS PROCEDURES TO BE FOLLOWED DURING THE PROGRESS OF THE WORK. CONFERENCE SHALL BE ATTENDED BY OWNER'S REPRESENTATIVE, TESTING AGENCY, AND MAJOR SUBCONTRACTORS.

QUALITY ASSURANCE:

- COMPLY WITH THE FOLLOWING CODES:
 - CALIFORNIA CODE OF REGULATIONS, COR. TITLE 24 BUILDING STANDARDS, INCLUDING THE FOLLOWING PARTS:
 - 2021 IBC AND 2022 CALIFORNIA AMENDMENTS
 - 2020 NEC AND 2022 CALIFORNIA AMENDMENTS
 - 2021 UMC AND 2022 CALIFORNIA AMENDMENTS
 - 2021 UPC AND 2022 CALIFORNIA AMENDMENTS
 - 2021 IFC AND 2022 CALIFORNIA AMENDMENTS
 - STATE FIRE MARSHAL REGULATIONS - DIVISION 1, PUBLIC SAFETY, TITLE 19, CCR.
 - CALIFORNIA CODE OF REGULATIONS, TITLE 8 - INDUSTRIAL RELATIONS (CAL/OSHA); DIVISION 1 DEPARTMENT OF INDUSTRIAL RELATIONS, CHAPTER 4 - DIVISION OF INDUSTRIAL SAFETY.
 - CALIFORNIA CODE OF REGULATIONS, TITLE 17, PUBLIC HEALTH.
 - CALIFORNIA CODE OF REGULATIONS, TITLE 22, SOCIAL SECURITY, DIVISION 7 HEALTH PLANNING AND FACILITY CONSTRUCTION, AND CHAPTER 7, SEISMIC STRUCTURAL SAFETY STANDARDS.
 - NATIONAL FIRE CODES, IN LATEST EDITION BY REFERENCE BY FEDERAL, STATE AND LOCAL GOVERNMENTS.
 - FEDERAL OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 (OSHA).
- USE SKILLED AND EXPERIENCED MECHANICS AND CRAFT PERSONS.
 - PERFORM ALL WORK IN ACCORDANCE WITH ESTABLISHED ACCEPTED PRACTICES OF THE VARIOUS TRADES INVOLVED AND IN ACCORDANCE WITH APPLICABLE MANUFACTURER'S WRITTEN INSTRUCTIONS.
 - PROVIDE PRODUCTS AND MATERIALS SPECIFIED. REQUEST OWNER REPRESENTATIVE'S SELECTION OF COLORS AND ACCESSORIES IN SUFFICIENT TIME TO AVOID DELAYING PROGRESS OF THE WORK. DELIVER, HANDLE, AND STORE MATERIALS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
 - INSTALL MATERIALS IN EXACT COMPLIANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND APPROVED SUBMITTALS. PERFORM WORK IN PROPER RELATIONSHIP TO THE WORK OF OTHER TRADES. COMPLETED WORK SHALL BE FREE FROM DEFECTS.
 - SUBMIT TO SEOR FOR APPROVAL:
 - PRODUCT DATA, 1 COPY;
 - TEST REPORTS, 1 COPY;
 - COPIES OF INSPECTION REPORTS, NOTICES AND SIMILAR DOCUMENTS.
 - HIGH RESOLUTION COLOR PHOTOGRAPHS OF ALL TESTING LOCATIONS SHOWING PRE-CONSTRUCTION, CONSTRUCTION, AND POST-CONSTRUCTION CONDITIONS (I.E. REPAIR WORK AND SAMPLES).

FIREPROOFING

FIREPROOFING

- REPLACE REMOVED FIREPROOFING WITH 2 INCHES MINIMUM THICKNESS, BUT NOT LESS THAN EXISTING THICKNESS AT THAT LOCATION, PROVIDE TESTING/INSPECTION FOR CONFIRMATION THAT PATCH/REPAIR MEETS THE UL DESIGN FOR THE REQUIRED RATING.
- APPLY FIREPROOFING IN ACCORDANCE WITH MANUFACTURER'S U.L. DESIGN NUMBER:
 - X-772 FOR COLUMNS
 - N-708 FOR BEAMS
- HAND PACKING: MINIMUM DENSITY OF PATCH MATERIAL IS 16 POUNDS PER CUBIC FOOT (PCF) AVERAGE AND 14 PCF INDIVIDUAL, AS TESTED USING ASTM E-605 TEST METHOD. AREA OF HAND PACKING SHALL NOT EXCEED 144 SQUARE INCHES PER MEMBER.
- USE WR GRACE SYSTEM "MK-8":
 - PRIMARY STRUCTURAL FRAMING - 3 HRS
 - SECONDARY STRUCTURAL FRAMING - 2 HRS
 - COLUMNS - 3 HRS

CONCRETE FIREPROOFING

STEEL COLUMNS ARE ENCASED IN 3000 PSI FIREPROOFING CONCRETE. REMOVAL OF CONCRETE IS NECESSARY TO ACCESS COLUMNS, AND CONNECTIONS FOR MATERIAL SAMPLING AND CONDITION ASSESSMENTS.

- REPAIR CONCRETE FIREPROOFING USING SIKARETE - 211 SCC PLUS FOR COLUMN REPAIR USING FORMWORK WHERE REQUIRED.
- REPAIR OF WELDED WIRE FABRIC AROUND COLUMNS IS NOT REQUIRED.

MTP CONCRETE CORES

CONCRETE CORES TESTING:

- TAKE CORES WITH 3" DIAMETER X 6" MINIMUM DEPTH, UNLESS OTHERWISE NOTED OR PHYSICALLY NOT POSSIBLE. IF SLAB DEPTH IS LESS THAN 6", THEN TAKE A 3" DIAMETER THROUGH CORE WHERE APPROVED BY SEOR. 3" DIAMETER CORES ARE ALSO PERMITTED WHERE REBAR CONGESTION IS OBSERVED. FOLLOW ASTM C42 PROCEDURES FOR REMOVAL OF CORES. TESTING LABORATORY MUST APPLY CORRECTION FACTORS FOR DIFFERENT TEST SAMPLE ASPECT L/D RATIOS PER ASTM C42 AND C39. PROVIDE A MINIMUM OF 3 CORE DIAMETERS OF SOUND CONCRETE FOR THE CORE NEXT TO AN EXISTING CORE. COORDINATE THE TOTAL NUMBER, AND LOCATIONS OF CORES TAKEN, WITH INFORMATION SHOWN ON ATTACHED SCHEDULES AND DRAWINGS.
- LOCATE EXISTING REINFORCEMENT USING NON-DESTRUCTIVE TEST AND AVOID ALL EXISTING REINFORCEMENT PRIOR TO THE REMOVAL OF THE CORES. IF REINFORCEMENT IS ENCOUNTERED DURING CORING, ABANDON AND SHIFT THE HOLE LOCATION TO AVOID THE REINFORCEMENT. PROVIDE A MINIMUM OF 3 CORE DIAMETERS OF SOUND CONCRETE BETWEEN THE NEW CORE AND THE ABANDONED CORE.
- CORE LOCATIONS
 - FOUNDATIONS: TAKE CONCRETE CORE SAMPLES AS INDICATED ON ATTACHED PLANS AND DETAILS, IN ACCORDANCE WITH PROCEDURES CONTAINED IN ASTM C 42. A SAMPLE MAY BE RELOCATED UPON APPROVAL FROM THE OSHPD SEISMIC COMPLIANCE UNIT.
 - SUSPENDED SLABS: TAKE CONCRETE CORES AND REINFORCING STEEL SAMPLES AS INDICATED ON ATTACHED PLANS AND DETAILS, IN ACCORDANCE WITH PROCEDURES CONTAINED IN ASTM C 42. TAKE SAMPLES FROM THE TOP OF THE SLAB. DO NOT TAKE SAMPLES WITHIN 18 INCHES FROM ANY CONCRETE SHEAR WALLS OR CONCRETE COLUMNS UNLESS APPROVED BY SEOR. DO NOT CUT EXISTING REINFORCEMENT OTHER THAN THAT INDICATED IN DETAILS. A SAMPLE MAY BE RELOCATED UPON APPROVAL FROM THE OSHPD SEISMIC COMPLIANCE UNIT.
 - CONCRETE WALLS: TAKE CONCRETE CORES AND REINFORCING STEEL SAMPLES AS INDICATED ON ATTACHED PLANS AND DETAILS, IN ACCORDANCE WITH PROCEDURES CONTAINED IN ASTM C 42. DO NOT TAKE SAMPLES WITHIN 36 INCHES FROM THE BOTTOM OF THE STRUCTURAL SLAB OR WITHIN 36 INCHES FROM THE TOP OF THE FLOOR SLAB UNLESS APPROVED BY SEOR. DO NOT CUT EXISTING REINFORCEMENT OTHER THAN THAT INDICATED IN DETAILS. A SAMPLE MAY BE RELOCATED UPON APPROVAL FROM THE OSHPD SEISMIC COMPLIANCE UNIT.
- AFTER COMPLETION OF CORING OPERATION, COMPLETELY FILL CYLINDRICAL VOID WITH NON-SHRINK GROUT. PROVIDE NECESSARY FIRE PROTECTION OVER DISRUPTED AREAS. FINISH SURFACE FLUSH WITH ORIGINAL SURFACE. PATCH AND REPAIR ALL DISTURBED FINISHES TO MATCH EXISTING SURFACE AND ADJACENT FINISHES.
- NON-SHRINK GROUT, 5,000 PSI; EUCLID CHEMICAL COMPANY'S "EUCO-NS", L & M CRYSTEX, MASTER BUILDERS' "MASTERFLOW 713", OR FIVE STAR GROUT. WHERE HIGH FLUIDITY OR INCREASED PLACING TIME IS REQUIRED, USE EUCLID CHEMICAL COMPANY'S "EUCO-HI-FLOW GROUT" OR MASTER BUILDERS' "MASTERFLOW 928". PLACE GROUT AND PREPARE SURFACE PER MANUFACTURER'S RECOMMENDATIONS.
- TEST EACH SAMPLE IN ACCORDANCE WITH PROCEDURES CONTAINED IN ASTM C 42 AND C 39 OR C496.
- SUBMIT THE FOLLOWING RESULTS IN A COMPLETE TESTING REPORT:
 - COMPRESSIVE STRENGTH
 - UNIT WEIGHT
 - MODULUS OF ELASTICITY (MAY BE ESTIMATED PER ASCC 41-13 10.2.2.4.2.2)
 - PHOTOGRAPH OF SAMPLE LOCATION PRIOR TO EXTRACTION. PHOTOS TO INCLUDE PLAN ID.
 - PHOTOGRAPH OF EACH SAMPLE BEFORE AND AFTER TEST. PHOTOS TO INCLUDE PLAN ID.
 - PHOTOGRAPH OF REPAIR WORK. PHOTOS TO INCLUDE PLAN ID.

MTP REINFORCING

REINFORCING STEEL (DESTRUCTIVE/TENSILE TEST):

- TAKE REINFORCING BAR SAMPLES WITH A LENGTH OF 20" MINIMUM.
- REPAIR ALL REINFORCING STEEL SAMPLES (EITHER HORIZONTAL OR VERTICAL) BY SPLICING A NEW LENGTH OF BAR WITH MECHANICAL COUPLERS. WELDED BAR SPLICE CONFORMING TO AWS D1.4 IS PERMITTED PROVIDED CHEMICAL TESTING IS DONE TO DOCUMENT WELDABILITY OF EXISTING REINFORCING BARS. BASED ON THE CHEMICAL COMPOSITION TESTS, A WELDING PROCEDURE SPECIFICATION INCLUDING YIELD MATERIAL GRADE/STRENGTH AND PREHEATING REQUIREMENTS SHALL BE DEVELOPED AND SUBMITTED TO SEOR AND HCAI FOR REVIEW PRIOR TO REPAIR.
- REINFORCING STEEL

LOCATION	TYPE
REINFORCING STEEL #7 AND SMALLER	ASTM A615, 60 KSI
REINFORCING STEEL # 8 AND LARGER AND REINFORCING STEEL TO BE WELDED	ASTM A706, 60 KSI

- MECHANICAL COUPLERS: BAR-LOCK COUPLER SYSTEM, TYPE 2 (L-SERIES), IPMO ER 0319.
- INFILL THE LOCATIONS OF THE REINFORCING STEEL SAMPLE WITH MORTAR. ROUGHEN EXPOSED CONCRETE SURFACES TO 1/4" AMPLITUDE AND CLEAN OF LAITANCE, FOREIGN MATTER, AND LOOSE PARTICLES AND PAINT TO MATCH EXISTING CONDITIONS. WHERE GREATER THAN 1.5" THICKNESS IS REQUIRED, USE GROUT AS NOTED IN CONCRETE CORE REPAIR SECTION.
- MORTAR: SIKATOP 122 PLUS OR SIKATOP 123 PLUS TWO COMPONENT POLYMER MODIFIED MORTAR, OR APPROVED EQUAL. TEST EACH REINFORCING BAR SAMPLE IN ACCORDANCE WITH PROCEDURES CONTAINED IN ASTM A370-A8, ASTM A751 AND ASTM A615.
- TEST FULL SECTION OF BAR OR WIRE, NOT DECREASED DIAMETER SECTION.
- SUBMIT THE FOLLOWING RESULTS IN A COMPLETE TESTING REPORT:
 - YIELD AND TENSILE STRENGTH
 - MODULUS OF ELASTICITY
 - CHEMICAL COMPOSITION
 - CARBON EQUIVALENT
 - ELONGATION
 - STEEL SURFACE DEFORMATION DESCRIPTION FOR EACH SAMPLE
 - MODE OF FAILURE FOR EACH SAMPLE
 - STRESS VERSUS STRAIN PLOT
 - PHOTOGRAPH OF SAMPLE LOCATION PRIOR TO EXTRACTION. PHOTOS TO INCLUDE PLAN ID.
 - PHOTOGRAPH OF EACH SAMPLE BEFORE AND AFTER TEST. PHOTOS TO INCLUDE PLAN ID.
 - PHOTOGRAPH OF REPAIR WORK. PHOTOS TO INCLUDE PLAN ID.

MTP METAL DECK

METAL DECK TESTING:

- METAL DECK COUPONS SHALL BE 2 INCHES WIDE BY 18 INCHES LONG, MINIMUM, FOR WEB THICKNESS EQUAL TO OR GREATER THAN 3/16", AND SHALL BE 3/4 INCHES WIDE BY 8 INCHES LONG, MINIMUM, FOR WEB THICKNESS LESS THAN 3/16".
- REPAIR ALL STRUCTURAL STEEL COUPONS IN ACCORDANCE WITH CONSTRUCTION DOCUMENTS.
- STRUCTURAL STEEL PLATE USED FOR REPAIRS SHALL BE ASTM A572 GR. 50.
- SUBMIT THE FOLLOWING RESULTS IN A COMPLETE TESTING REPORT:
 - YIELD AND TENSILE STRENGTH
 - MODULUS OF ELASTICITY
 - CHEMICAL COMPOSITION (COMPLETE LIST OF COMPONENTS PER ASTM A751)
 - CARBON EQUIVALENT
 - ELONGATION
 - MODE OF FAILURE FOR EACH SAMPLE
 - STRESS VERSUS STRAIN PLOT
 - PHOTOGRAPH OF SAMPLE LOCATION PRIOR TO EXTRACTION. PHOTOS TO INCLUDE PLAN ID.
 - PHOTOGRAPH OF EACH SAMPLE BEFORE AND AFTER TEST. PHOTOS TO INCLUDE PLAN ID.
 - PHOTOGRAPH OF REPAIR WORK. PHOTOS TO INCLUDE PLAN ID.

C.A.P. REQUIREMENTS DEG PRIME

CONDITION ASSESSMENT REQUIREMENTS

- REPORT WILL BE PROVIDED BY DEGENKOLB ENGINEERS AND STAMPED BY CA LICENSED PROFESSIONAL ENGINEER. IT WILL INCLUDE A SUMMARY OF ALL CONDITIONS ASSESSED.
- REPORT SHALL INCLUDE PHOTOGRAPHS OF ALL TESTING LOCATIONS CLEARLY LINKED TO PLAN CALLOUTS AS REQUIRED BY OTHER SECTIONS OF THIS SPECIFICATION.
 - REPORT SHALL INCLUDE MEASUREMENTS AND DIMENSIONS AS REQUIRED BY TABLES IN DETAILS ON SHEETS S501 AND S502.
 - NARRATIVE DESCRIPTIONS OF DEVIATIONS FROM EXPECTED CONDITIONS SHALL BE INCLUDED ON A CASE BY CASE BASIS TO INFORM ENGINEER OF DEVIATIONS.
 - NOTE DEVIATIONS ON DETAILS PROVIDED FOR VERIFICATION AS REQUIRED.

C.A.P. CONCRETE ELEMENT

CONCRETE ELEMENT VERIFICATION

- REINFORCED CONCRETE ELEMENT (DESTRUCTIVE VERIFICATION):
 - NOTIFY SEOR 48 HOURS PRIOR TO EXPOSURE.
 - EXPOSE REINFORCING BY LOCAL MINIMIZED REMOVAL OF CONCRETE COVER AND OTHER MATERIALS TO INSPECT REINFORCING SYSTEM DETAILS.
 - DOCUMENT ALL STAGES OF VERIFICATION WITH PHOTOGRAPHS. PHOTOS TO INCLUDE PLAN ID.
 - PHOTOGRAPH OF SAMPLE LOCATION PRIOR TO EXPOSURE.
 - PHOTOGRAPH ANY PHYSICAL DETERIORATION OR DEGRADATION AND NOTIFY SEOR IMMEDIATELY.
 - PHOTOGRAPH OF EXPOSED CONDITION.
 - PHOTOGRAPH OF REPAIR WORK.
 - REPAIR AREA PER SPECIFICATIONS AND DETAILS AFTER SEOR HAS OBSERVED.
 - SUBMIT SKETCHES DOCUMENTING AS-BUILT CONDITIONS AND LOCATIONS ON PLAN.
 - NON-DESTRUCTIVE METHODS MAY BE USED FOR VERIFICATION OF TYPICAL REBAR SPACING, REBAR DEVELOPMENT LENGTH, AND REBAR SPLICE LENGTH WITH SEOR APPROVAL.
- REINFORCED CONCRETE ELEMENT (NONDESTRUCTIVE VERIFICATION):
 - FOR FLAT AREAS (WALLS, SLABS, ETC.), SCAN FOUR-FOOT SQUARE AREA. FOR COLUMNS, SCAN ALL FOUR SIDES OVER THE BOTTOM SIX FEET. THIS MAY BE IN SAME AREA OF REBAR EXTRACTION UNLESS NOTED OTHERWISE.
 - MARK WALL WITH CHALK TO ILLUSTRATE REINFORCING PATTERN. CHALK MARKS SHALL REMAIN IN PLACE. TAPE MAY BE USED IN LIEU OF CHALK.
 - MEASURE ELEMENT SIZES AS NOTED IN DETAILS (I.E. DEPTH, THICKNESS, ETC.).
 - DOCUMENT ALL STAGES OF VERIFICATION WITH PHOTOGRAPHS. PHOTOS TO INCLUDE PLAN ID.
 - PHOTOGRAPH OF SAMPLE LOCATION PRIOR TO REMOVAL OF ARCHITECTURAL FINISHES OR FIREPROOFING.
 - PHOTOGRAPHS OF MEASUREMENTS WHERE APPLICABLE.
 - PHOTOGRAPH OF REPAIRED CONDITION INCLUDING REPAIR OF FIREPROOFING AND/OR REPLACEMENT OF ARCHITECTURAL FINISHES.
- IF DEVIATIONS FROM EXISTING DRAWINGS ARE NOTED AS A RESULT OF ANY VERIFICATION, ADDITIONAL VERIFICATION LOCATIONS MAY BE REQUIRED. NOTIFY SEOR OF ANY DEVIATIONS IMMEDIATELY.

C.A.P. STRUCTURAL STEEL ELEMENT

STRUCTURAL STEEL ELEMENT VERIFICATION

- STRUCTURAL STEEL ELEMENT (NONDESTRUCTIVE VERIFICATION):
 - PHOTOGRAPH ANY PHYSICAL DETERIORATION OR DEGRADATION AND NOTIFY SEOR IMMEDIATELY.
 - MEASURE ELEMENT MEMBER SIZES AS NOTED IN DETAILS (I.E. SHAPE, DEPTH, THICKNESS, ETC.).
 - NOTE MEMBER ORIENTATIONS AS REQUIRED IN DETAILS.
 - LOCATE OR IDENTIFY PLATES AND WELDS AS NOTED IN DETAILS (I.E. DIMENSIONS, THICKNESS, CONDITION, ETC.).
 - LOCATE OR IDENTIFY BOLTS AS NOTED IN DETAILS (I.E. BOLT SIZE, BOLT SPACING, BOLT EDGE DISTANCE, ETC.).
 - DOCUMENT ALL STAGES OF VERIFICATION WITH PHOTOGRAPHS. PHOTOS TO INCLUDE PLAN ID.
 - PHOTOGRAPH OF SAMPLE LOCATION PRIOR TO REMOVAL OF ARCHITECTURAL FINISHES OR FIREPROOFING.
 - PHOTOGRAPHS OF MEASUREMENTS WHERE APPLICABLE.
 - PHOTOGRAPH OF REPAIRED CONDITION INCLUDING REPAIR OF FIREPROOFING AND/OR REPLACEMENT OF ARCHITECTURAL FINISHES.
- IF DEVIATIONS FROM EXISTING DRAWINGS ARE NOTED AS A RESULT OF ANY VERIFICATION, ADDITIONAL VERIFICATION LOCATIONS MAY BE REQUIRED. NOTIFY SEOR OF ANY DEVIATIONS IMMEDIATELY.

C.A.P. STEEL DECK

STEEL DECK VERIFICATION

- VERIFY DECK PROFILE.
 - DEPTH
 - TOP FLUTE WIDTH
 - BOTTOM FLUTE WIDTH
 - CENTER TO CENTER FLUTE SPACING
- SUBMIT THE FOLLOWING RESULTS IN A COMPLETE VERIFICATION REPORT:
 - PHOTOGRAPH OF EXPOSED VERIFICATION LOCATIONS. PHOTOS TO INCLUDE PLAN ID.
 - PHOTOGRAPH ANY PHYSICAL DETERIORATION OR DEGRADATION AND NOTIFY SEOR IMMEDIATELY.
- IF DEVIATIONS FROM EXISTING DRAWINGS ARE NOTED AS A RESULT OF ANY VERIFICATION, ADDITIONAL VERIFICATION LOCATIONS MAY BE REQUIRED. NOTIFY SEOR OF ANY DEVIATIONS IMMEDIATELY.

SLAB ON GRADE REPAIR

SLAB ON GRADE REPAIR:

- LOCATE AND PROTECT EXISTING UTILITIES TO REMAIN DURING AND/OR AFTER CONSTRUCTION.
- REPAIR STEEL REINFORCEMENT PER APPLICABLE DETAILS.
- CONCRETE SHALL BE KIKURETE, 4000PSI MIN OR EQUIVALENT, ASTM C387. INSTALLATION SHALL BE PER MANUFACTURER'S RECOMMENDATIONS.
- SUBMIT ALL PRODUCT DATA FOR REVIEW BY SEOR.
- REPAIR ALL UNDERSLAB WATERPROOFING TO MATCH (E) CONDITION.
- BACKFILL EXCAVATION WITH REMOVED NATIVE SOIL OR EQUIVALENT.
- PROVIDE 90% MINIMUM COMPACTION OF BACKFILL. 95% COMPACTION OF BACKFILL UNDERNEATH HARDCAPING OR TRAFFICKED PAVING WHERE OCCURS.



POST-INSTALLED ANCHORS

ADHESIVE ANCHORS AND DOWELS

- ANCHORS AND DOWELS INSTALLED INTO CONCRETE SHALL BE HILTI HIT-RE-500-V3 (ICC-ESR-3814).
- ADHESIVE ANCHORS INSTALLED PER 19/S401 ARE EXEMPT FROM TESTING PER CBC 1910A.5.3 EXCEPTION 4.

MECHANICAL ANCHORS

- EXPANSION OR WEDGE ANCHORS INTO CONCRETE: HILTI KB-T22 (ICC-ESR-4286), SIMPSON STRONG-BOLT 2 (ICC-ESR-3037) OR DEWALT POWER-STUD® S02 (ICC-ESR-2920), UNLESS SPECIFICALLY NOTED OTHERWISE.
- ALL EMBEDMENT DEPTHS NOTED ON DRAWINGS ARE EFFECTIVE EMBEDMENT PER MANUFACTURER.
- INSTALL ANCHORS IN ACCORDANCE WITH LATEST ICC-ESR REPORT AND MANUFACTURER INSTRUCTIONS.
- PROVIDE STAINLESS STEEL FASTENERS FOR EXTERIOR USE OR WHEN EXPOSED TO WEATHER. PROVIDE GALVANIZED CARBON STEEL ANCHORS AT OTHER LOCATIONS, UNLESS OTHERWISE NOTED.
- IF REINFORCEMENT IS ENCOUNTERED DURING DRILLING, ABANDON AND SHIFT THE HOLE LOCATION TO AVOID THE REINFORCEMENT. PROVIDE A MINIMUM OF 2 ANCHOR DIAMETERS OR 1 INCH, WHICHEVER IS LARGER, OF SOUND CONCRETE BETWEEN THE ANCHOR AND THE ABANDONED HOLE. FILL THE ABANDONED HOLE WITH NON-SHRINK GROUT. IF THE ANCHOR MAY NOT BE SHIFTED AS ABOVE, THE ENGINEER WILL DETERMINE A NEW LOCATION.
- LOCATE REINFORCEMENT AND CONFIRM FINAL ANCHOR LOCATIONS PRIOR TO FABRICATING PLATES, MEMBERS, OR OTHER STEEL ASSEMBLIES ATTACHED WITH MECHANICAL ANCHORS.
- ALL ANCHORS REQUIRE SPECIAL INSPECTION AND ARE TO BE PROOF-TESTED BY OWNER'S TESTING AND INSPECTION AGENCY IN ACCORDANCE WITH THE ICC REPORTS AND THE CODE.
- WEDGE, SLEEVE AND UNDERCUT ANCHORS REQUIRE PROOF TESTING. TEST 50% OF ANCHORS TO THE MANUFACTURER'S RECOMMENDED INSTALLATION TORQUE OR RECOMMENDED TORQUE IN ICC-ESR REPORT.

HCAI STANDARD PROCEDURE

HCAI STANDARD PROCESS OF CONDITION ASSESSMENT

THE CONDITIONS ASSESSMENT OF THE EXISTING STRUCTURAL AND/OR NONSTRUCTURAL COMPONENT CONFIGURATION, QUALITY OF CONSTRUCTION, PHYSICAL CONDITION, AND INTERCONNECTION TO OTHER STRUCTURAL COMPONENTS (CONDITIONS ASSESSMENT) SHALL BE CONDUCTED IN ACCORDANCE WITH THE HCAI APPROVED METHODOLOGY. HCAI SHALL CONDUCT REVIEW AND APPROVAL OF THE CONDITIONS ASSESSMENT.

PRIOR TO PERFORMANCE OF CONDITIONS ASSESSMENT, PERMITS SHALL BE OBTAINED FROM HCAI. THESE PROJECTS MAY BE PROCESSED IN ACCORDANCE WITH THE FREER MANUAL AS A FIELD REVIEW PROJECT WHEN THE FOLLOWING INFORMATION IS PROVIDED:

- A COPY OF THE PREVIOUSLY APPROVED MATERIALS TESTING AND ASSESSMENT CRITERIA.
- CONSTRUCTION DOCUMENTS WHICH SHALL INCLUDE AT A MINIMUM:
 - AN OVERALL BUILDING FLOOR PLAN SHOWING THE PROPOSED LOCATIONS OF INSPECTION, AND:
 - EMERGENCY PROCEDURES FOR CONSTRUCTION WORKERS; AND,
 - DETAILS AND REQUIREMENTS FOR RESTORATION OF FINISHES AND/OR FIRE RATED ASSEMBLIES, AND;
 - WHEN INSPECTION IMPACTS MEANS OF EGRESS, A TEMPORARY EXITING PLAN, AND;
 - PLANS AND DETAILS FOR TEMPORARY CONSTRUCTION BARRIERS; AND,
 - FIRE WATCH PROCEDURES.

DURING THE CONDITIONS ASSESSMENT, FIRE-RESISTIVE ASSEMBLIES, FIRE-RESISTIVE CONSTRUCTION AND THE MEANS OF EGRESS SHALL BE MAINTAINED IN ACCORDANCE WITH CHAPTERS 7 AND 33 OF THE CALIFORNIA FIRE CODE. THESE PLANS AND PROCEDURES SHALL BE REVIEWED AND APPROVED BY THE HCAI FIELD STAFF (AREA COMPLIANCE OFFICER, FIRE AND LIFE SAFETY OFFICER, AND DISTRICT STRUCTURAL ENGINEER) AND THE LOCAL FIRE AUTHORITY (AS APPLICABLE) IN ACCORDANCE WITH SECTION 3301 OF THE CALIFORNIA FIRE CODE. COMPLIANCE WITH PROVISIONS OF CHAPTER 33 OF THE CALIFORNIA FIRE CODE ARE IN ADDITION TO ANY ADDITIONAL REGULATIONS OR REQUIREMENTS PERTAINING TO DUST CONTROL, NOISE CONTROL AND ASBESTOS ABATEMENT ENFORCED BY AGENCIES OTHER THAN HCAI FDD.

1. WHEN IT IS NOT POSSIBLE TO MAINTAIN FIRE-RESISTIVE ASSEMBLIES, FIRE-RESISTIVE CONSTRUCTION AND/OR THE MEANS OF EGRESS, TEMPORARY CONSTRUCTION BARRIERS AND/OR A FIRE WATCH SHALL BE PROVIDED IN ACCORDANCE WITH HCAI FDD CAN 9-3301 AND HCAI FDD PIN 14.

WHEN DEMOLITION, INSPECTION AND RECONSTRUCTION IS CONTINUOUS, NO HOT WORK IS INVOLVED AND INSPECTORS AND CONSTRUCTION WORKERS ARE IN CONSTANT ATTENDANCE, ENFORCEMENT OF TEMPORARY CONSTRUCTION BARRIER AND / OR FIRE WATCH REQUIREMENTS MAY BE DEFERRED. UNDER THESE CONDITIONS, APPROPRIATE PROCEDURES SHALL BE ESTABLISHED IN THE EVENT OF A FIRE OR OTHER EMERGENCY.

OWNER:

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SEALS AND SIGNATURES



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Revision

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A	HCAI Backcheck #1	08/25/2025

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HCAI

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S251130-34-00

FACILITY NUMBER

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Project:

UCDH MEDICAL CENTER
EAST WING TOWER &
EAST WING RADIOLOGY
MTCAP

Sheet Title:

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Drawn by:

GG

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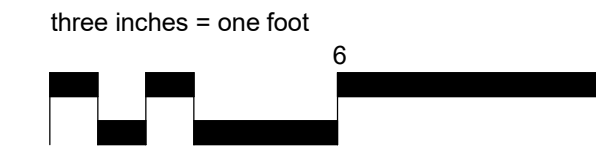
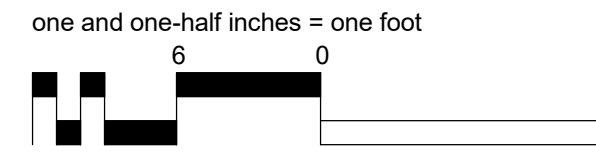
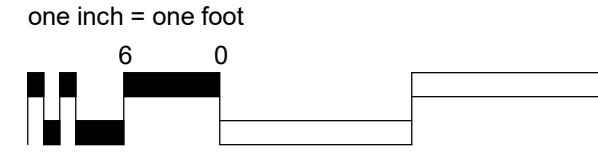
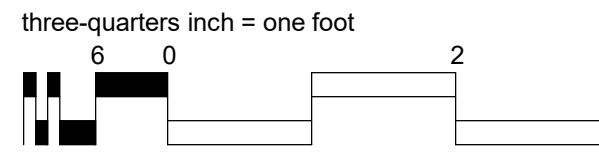
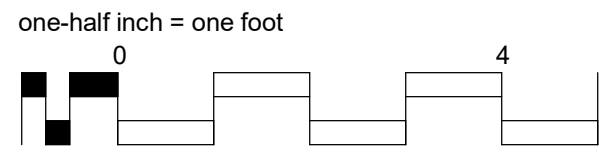
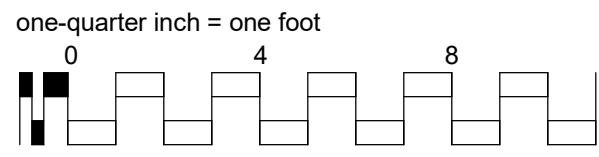
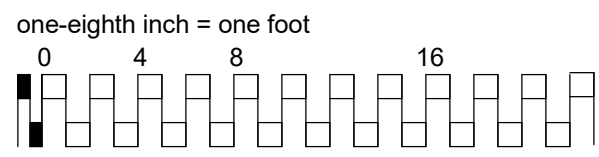
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ABBREVIATIONS

(E) # & @ Ø ld tdh ts	EXISTING NUMBER AND AT DIAMETER OR ROUND DEVELOPMENT LENGTH HOOK DEVELOPMENT LENGTH LAP SPLICE LENGTH
AA ABV AC ADD'L ADJ AGGR ALT ALUM ANSI APPROX AR ARCH ASPH ASTM AWG	ADHESIVE ANCHOR ABOVE ASPHALT CONCRETE ADDITIONAL ADJACENT AGGREGATE ALTERNATE ALUMINUM AMERICAN NATIONAL STANDARDS INSTITUTE APPROXIMATE ANCHOR ROD ARCHITECTURAL / ARCHITECT ASPHALT AMERICAN SOCIETY for TESTING and MATERIALS AMERICAN WIRE GAUGE

BF BLDG BLK, BLKG BM, BMS BN BO BOF BOT BRBF BRG BS BSMT BTWN BW	BOTH FACES BUILDING BLOCK or BLOCKING BEAM, BEAMS BOUNDARY NAILING BOTTOM OF BOTTOM OF FOOTING BOTTOM BUCKING RESTRAINED BRACE FRAME BEARING BOTH SIDES BASEMENT BETWEEN BOTH WAYS
---	---

C C.A.P. CIP CJ CJP CL CLG CLR CMU COL CONC CONN CONSTR CONT CSK CTR	CHANNEL CONIDITION ASSESSMENT PROGRAM CAST IN PLACE CONSTRUCTION JOINT COMPLETE JOINT PENETRATION CENTERLINE CEILING CLEAR CONCRETE MASONRY UNIT COLUMN CONCRETE CONNECTION CONSTRUCTION CONTINUOUS COUNTERSINK CENTER
---	---

d DBA DBL DEMO DET, DETS DIA, DIAM DIAG DIM, DIMS DIST DK, DKG DN DO DP DWG, DWGS DWL, DWLS	PENNY (NAIL SIZE) DEFORMED BAR ANCHOR DOUBLE DEMOLITION DETAIL, DETAILS DIAMETER DIAGONAL DIMENSION, DIMENSIONS DISTANCE DECK or DECKING DOWN DITTO DEEP DRAWING, DRAWINGS DOWEL, DOWELS
---	--

EA EBF EF EJ EL ELEC ELEV EMBED EN EQS EQ EQUIP ES EW EXCAV EXP EXT	EACH ECCENTRIC BRACE FRAME EACH FACE EXPENSION JOINT ELEVATION ELECTRICAL ELEVATOR EMBEDMENT EDGE NAILING EDGE OF SLAB EQUAL EQUIPMENT EACH SIDE EACH WAY EXCAVATION EXPANSION EXTERIOR
---	---

FDN FF FIN FLG FLR, FLRS FN FO FOC FOS FP FS FT FTG, FTGS	FOUNDATION FAR FACE FINISH FLANGE FLOOR, FLOORS FIELD NAILING FACE OF FACE OF CONCRETE FACE OF STUD FIREPROOF FAR SIDE FOOT OR FEET FOOTING, FOOTINGS
---	---

GA GALV GLB GR GRND	GAUGE GALVANIZED GLU-LAM BEAM GRADE GROUND
---------------------------------	--

HDG HDR HK, HKS HORIZ, (H) HP HSB	HOT DIPPED GALVANIZED HEADER HOOK, HOOKS HORIZONTAL HIGH POINT HIGH STRENGTH BOLTS
--	---

HSS HT ID INFO JST, JSTS JT KO L LEV LLH LLV LOC LONGIT LP LT LWC	HOLLOW STRUCTURAL SECTION HEIGHT INSIDE DIAMETER/DIMENSION INFORMATION JOIST, JOISTS JOINT KNOCK-OUT ANGLE LEVEL LONG LEG HORIZONTAL LONG LEG VERTICAL LOCATION LONGITUDINAL LOW POINT LIGHT LIGHTWEIGHT CONCRETE
--	--

MAX MB MECH MEP MEZZ MFR MIN MISC MTD MTL MTP	MAXIMUM MACHINE BOLT MECHANICAL MECHANICAL, ELECTRICAL, PLUMBING DOCUMENTS MEZZANINE MANUFACTURER MINIMUM MISCELLANEOUS MOUNTED METAL MATERIALS TESTING PROGRAM
---	---

NF NIC NOM NS NTS NWC	NEAR FACE NO IN CONTRACT NOMINAL (DIAMETER) NEAR SIDE NOT TO SCALE NORMAL WEIGHT CONCRETE
--------------------------------------	--

OC OD OPH OPNG OPP	ON CENTER OUTSIDE DIAMETER OPPOSITE HAND OPENING OPPOSITE
--------------------------------	---

P-T PC, PCS PCC PERP PJP PL PLYWD PTN	POST-TENSION PIECE, PIECES PRECAST CONCRETE PERPENDICULAR PARTIAL JOINT PENETRATION PLATE PLYWOOD PARTITION
--	--

R REBAR REF REINF REQ'D REV RFG RO RSJ	RADIUS REINFORCING BAR REFERENCE REINFORCING REQUIRED REVISION ROOFING ROUGH OPENING ROLLED STEEL JOIST
--	---

S A.D. S M.D. SCHED SECT SFRS SHT SHTG SIM	SEE ARCHITECTURAL DOCUMENTS/DRAWINGS SEE MECHANICAL DRAWINGS SCHEDULE SECTION SEISMIC FORCE RESISTING SYSTEM SHEET SHEATHING SIMILAR
---	---

SL SMF SMS SOG SPEC, SPECS SPSW SQ SS STAG STD STIF STIR STL STRUCT SUB SUSP SYMM	SLOPE SPECIAL MOMENT FRAME SHEET METAL SCREW SLAB ON GRADE SPECIFICATION, SPECIFICATIONS SPECIAL PLATE SHEAW WALL SQUARE STAINLESS STEEL STAGGER or STAGGERED STANDARD STIFFENER STIRRUP OR STIRRUPS STEEL STRUCTURAL SUBSTITUTE SUSPENDED SYMMETRICAL
---	--

T&B T&G T.O. THK THRD THRU TOC TOS TR TYP	TOP AND BOTTOM TONGUE and GROOVE TOP OF THICK THREADED THROUGH TOP OF CONCRETE TOP OF STEEL TREAD TYPICAL
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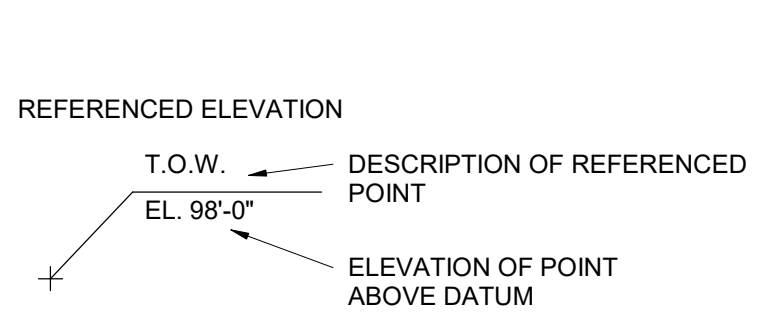
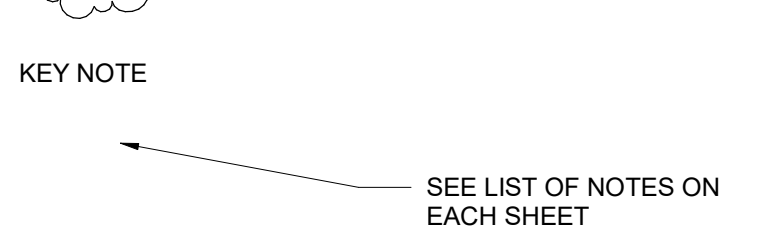
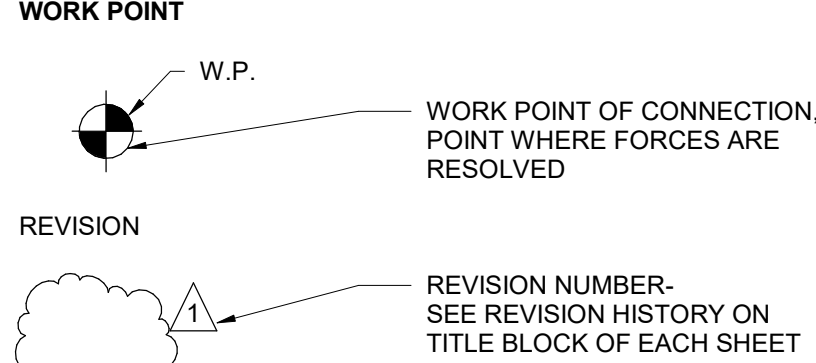
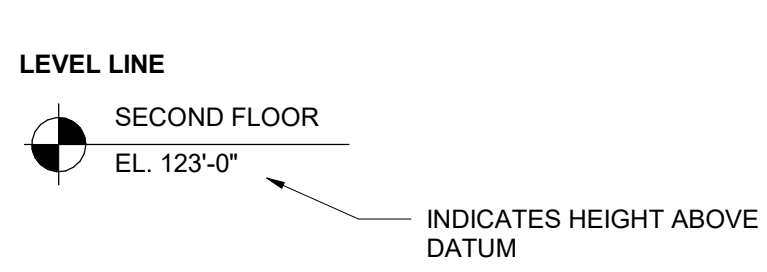
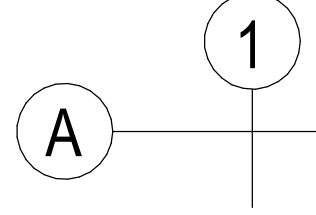
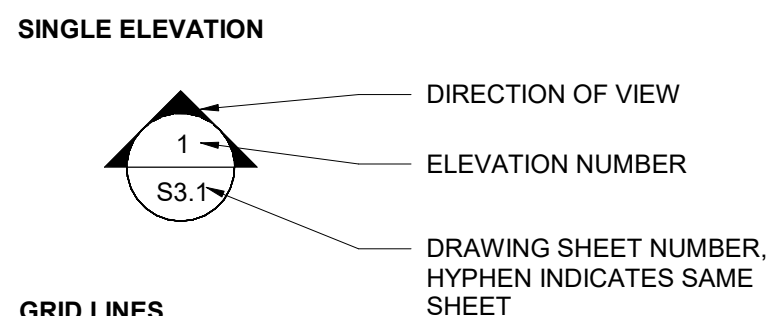
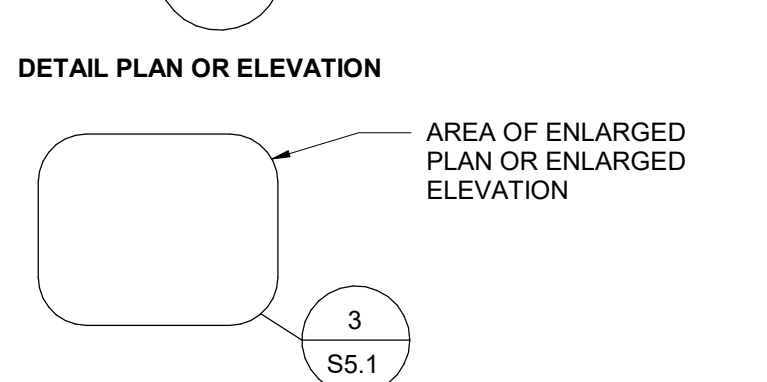
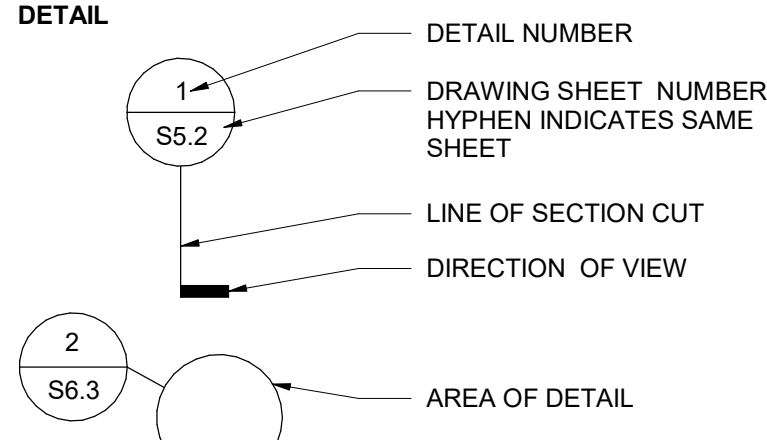
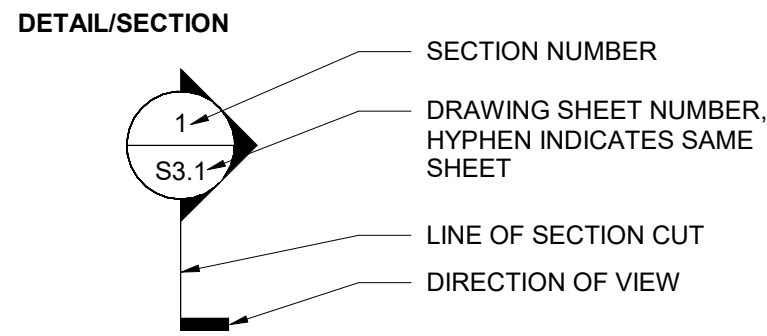
UON URM	UNLESS OTHERWISE NOTED UNREINFORCED MASONRY
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VENT VERT, (V) VIF	VENTILATE VERTICAL VERIFY IN FIELD
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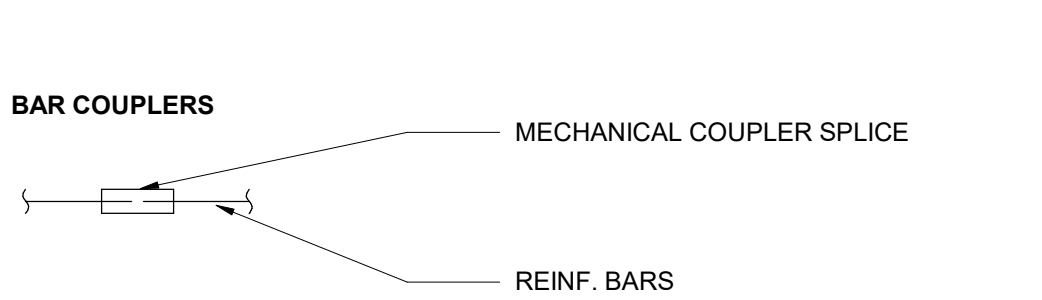
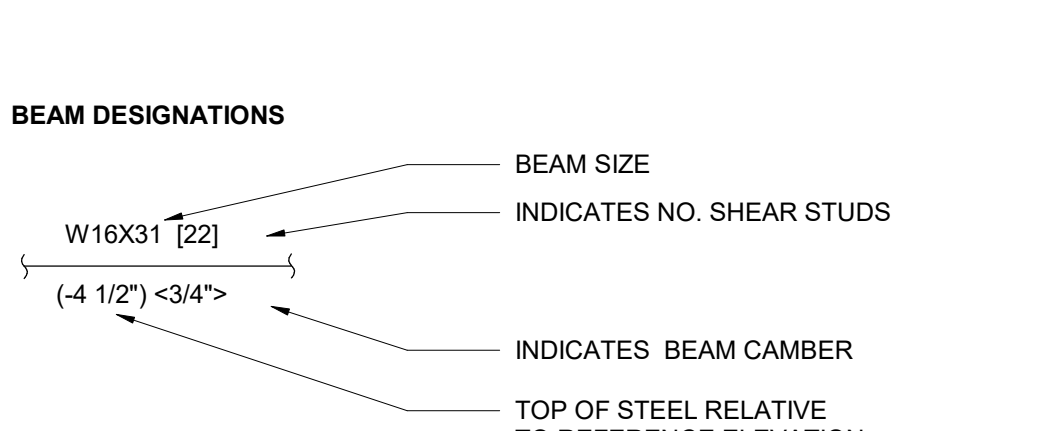
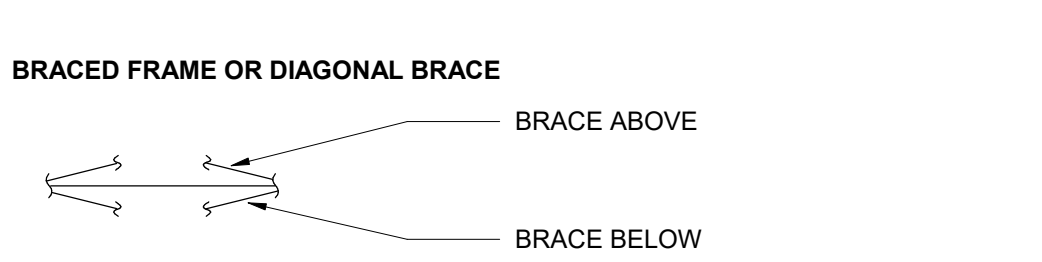
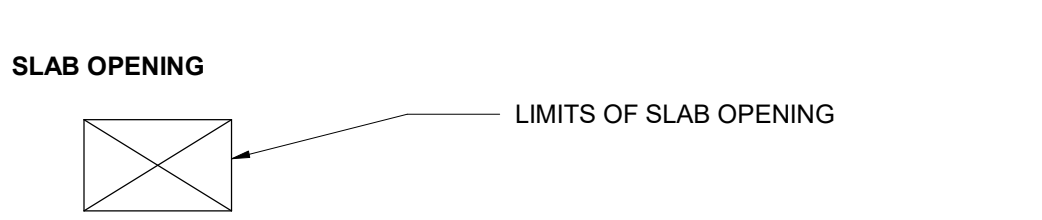
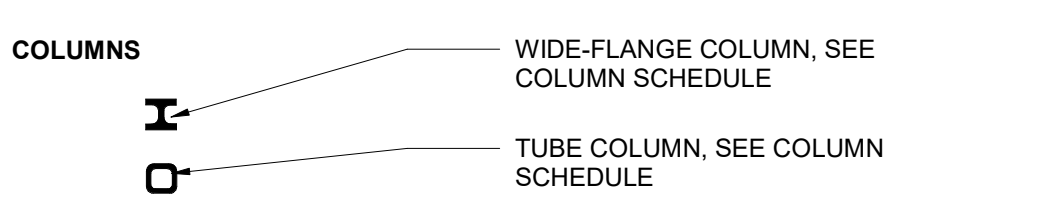
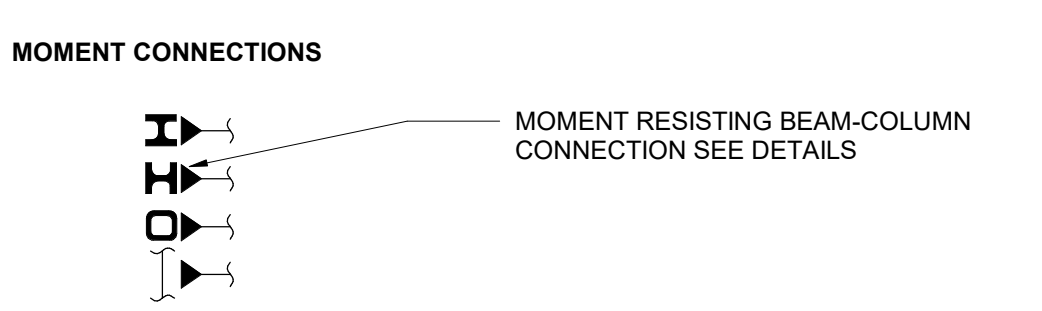
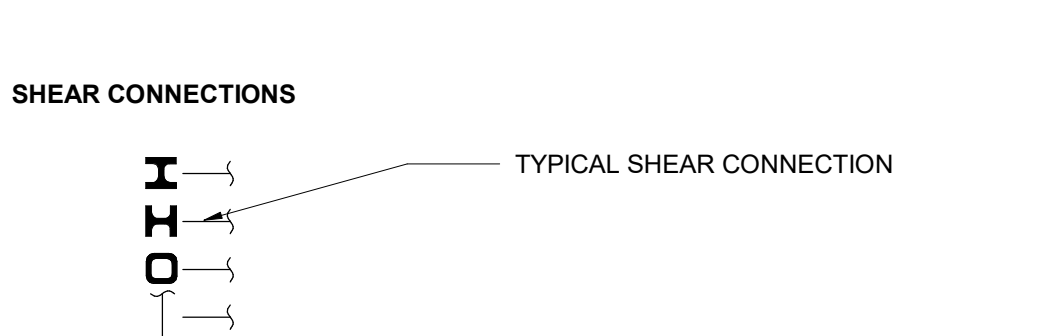
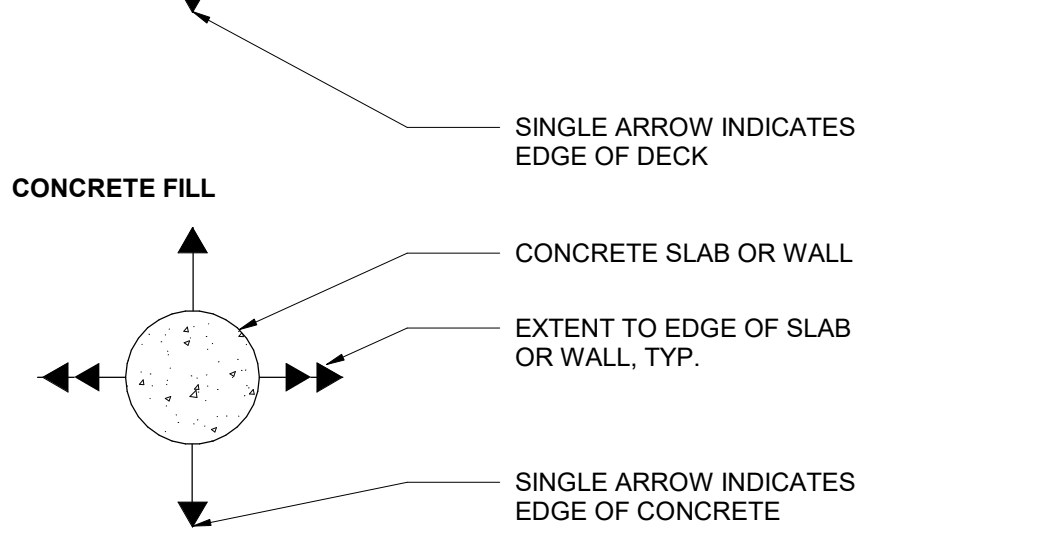
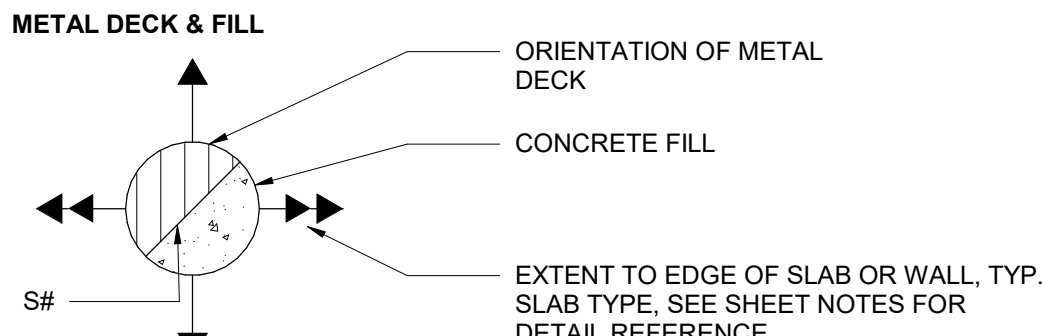
W or WF W/ W/O WD WP WT WWM	WIDE FLANGE WITH WITHOUT WOOD WORK POINT WEIGHTTEE SECTION WELDED WIRE MESH
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X HVY X STR XX HVY XX STR	EXTRA HEAVY EXTRA STRONG DOUBLE EXTRA HEAVY DOUBLE EXTRA STRONG
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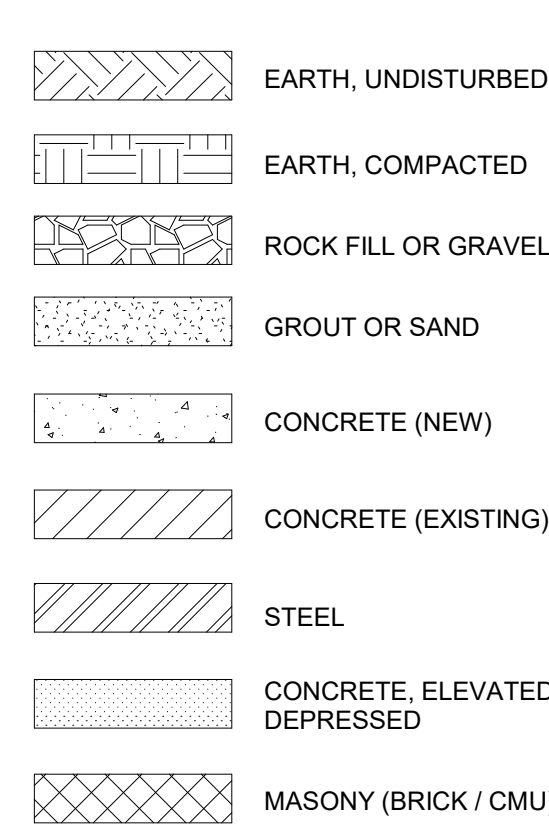
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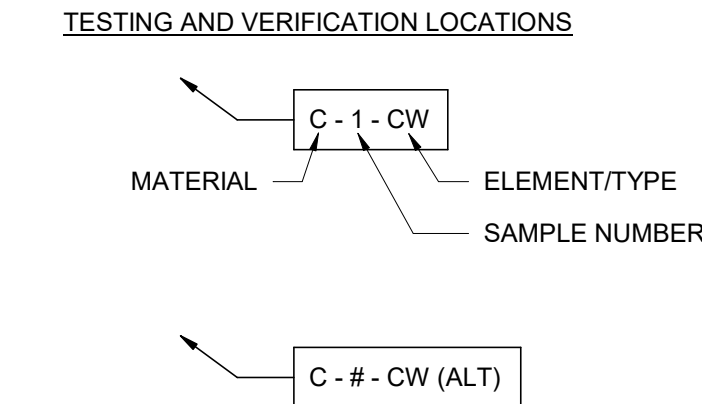
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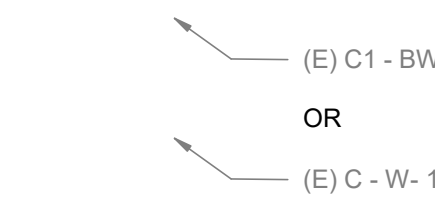
MATERIAL SYMBOLS



TESTING AND VERIFICATION LEGEND



COMPLETED & APPROVED TEST LOCATIONS



MATERIAL LEGEND	
C	CONCRETE CORE
R	REINFORCING STEEL
S	STRUCTURAL STEEL
V	VERIFICATION / OBSERVATION
ELEMENT/TYPE LEGEND	
SS	STRUCTURAL SLAB
CW	CONCRETE WALL
BM	BEAM
CL	COLUMN
MD	METAL DECK
DW	DIAPHRAGM-WALL CONNECTION
SW	SLAB TO WALL CONNECTION
MC	MOMENT CONNECTION
CS	COLUMN SPLICE
CB	COLUMN BASE
SG	SEISMIC GAP
PPC	PRECAST PANEL CONNECTION
GS	GIRDER SPLICE
BW	BEAM TO WALL CONNECTION
BLT	BOLT
RV	RIVET
WM	WELD METAL
FND	FOUNDATION

OWNER:



SEALS AND SIGNATURES



SEALS AND SIGNATURES

Revision

No.	Description	Date

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HCAI
AUTHORITY HAVING JURISDICTION'S PROJECT NO.
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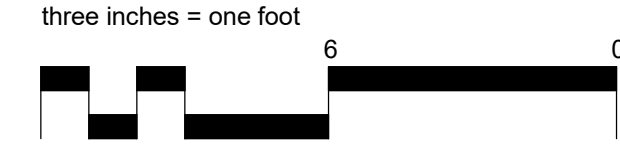
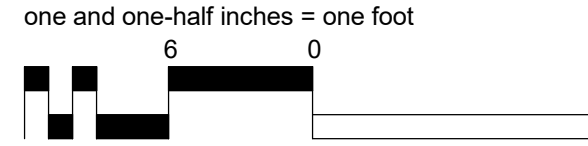
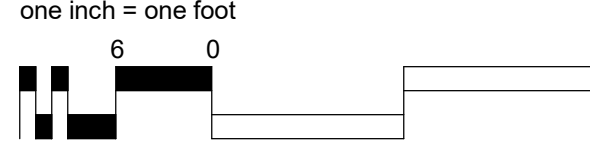
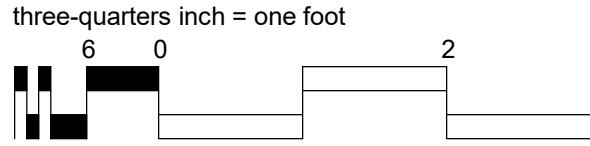
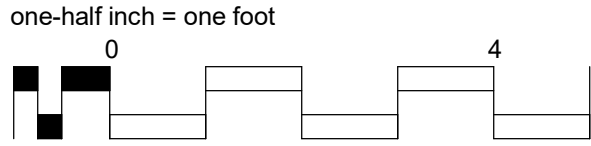
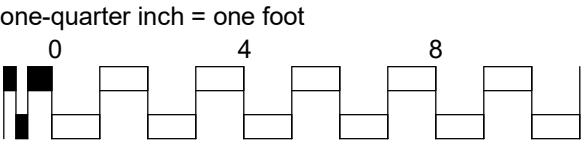
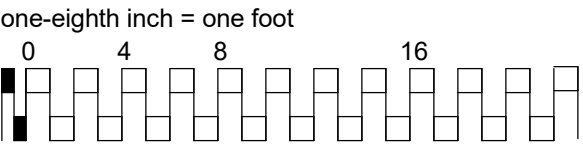
Project:
**UCDH MEDICAL CENTER
EAST WING TOWER &
EAST WING RADIOLOGY
MTCAP**

Sheet Title:
**SYMBOLS AND
ABBREVIATIONS**

Scale: NTS
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Design by: ASH
Checked by: MGA
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CONCRETE CORES TABLE

ID	BUILDING	LEVEL	DEPARTMENT / ROOM	DETAIL	COMPRESSIVE STRENGTH (PSI)	UNIT WEIGHT (PCF)	MODULUS OF ELASTICITY (PSI)
C-1-SS (ALT)	EWT	GROUND FLOOR	STORAGE 0132	1/S401			
C-2-SS	EWT	GROUND FLOOR	OFFICE 0102D	1/S401			
C-3-SS	EWT	GROUND FLOOR	CORRIDOR 0106 / A	1/S401			
C-4-SS	EWR	GROUND FLOOR	JANITOR 0121	1/S401			
C-5-SS	EWT	GROUND FLOOR	MECH 0620B	1/S401			
C-6-SS	EWR	GROUND FLOOR	MECH 0506	1/S401			
C-7-SS (ALT)	EWR	GROUND FLOOR	JANITOR 0521	1/S401			
C-8-SS	EWR	GROUND FLOOR	STORAGE 0523A	1/S401			
C-9-SS (ALT)	EWR	GROUND FLOOR	ELEVATOR MECH 0500B	1/S401			
C-10-SS (ALT)	EWR	GROUND FLOOR	STORAGE 0509C	1/S401			
C-11-SS	EWT	1	MECH 1107C	1/S401			
C-12-SS	EWT	1	SUPPLY STORAGE 1415	1/S401			
C-13-SS	EWR	1	STORAGE 1501E	1/S401			
C-14-SS	EWT	1	VACANT 1119	1/S401			
C-15-SS	EWR	1	STORAGE 1511K	1/S401			
C-16-SS	EWR	1	STORAGE 1525A	1/S401			
C-17-SS	EWT	2	MECH 2004	6/S401			
C-18-SS	EWR	2	MECH 2340A	6/S401			
C-19-SS	EWT	9	FAN MECH 9100	6/S401			
C-20-FND	EWT	GROUND FLOOR	SHELL 0102	1/S401 & 4/S501			

A

REINFORCING STEEL TABLE

ID	LEVEL	DEPARTMENT / ROOM	DETAIL	YIELD STRENGTH	ULTIMATE STRENGTH	MODULUS OF ELASTICITY	CARBON EQUIVALENT	ELONGATION	STEEL SURFACE DEFORMATION
R-2-SS	GROUND FLOOR	SHELL 0102	2/S401	(KSI)	(KSI)	(KSI)	(-)	(IN.)	(-)
R-3-SS	GROUND FLOOR	STORAGE 0523A	2/S401						

METAL DECK STRUCTURAL STEEL TABLE

ID	LEVEL	DEPARTMENT / ROOM	DETAIL	YIELD STRENGTH	ULTIMATE STRENGTH	MODULUS OF ELASTICITY	CARBON EQUIVALENT	ELONGATION	STEEL SURFACE DEFORMATION
S-3-MD	9	ELEVATOR LOBBY 8146 (BELOW)	4/S401	(KSI)	(KSI)	(KSI)	(-)	(IN.)	(-)

A

CONDITION ASSESSMENT TABLE

ID	YEAR	LEVEL	DEPARTMENT	CONDITION DESCRIPTION	DETAIL REFERENCE
V-1-SW	1964	GROUND FLOOR	CORRIDOR 0100	FOUNDATION-SLAB-WALL CONNECTION	2/S501
V-2-CB	1964	GROUND FLOOR	SHELL 0102	COLUMN BASE TO FOUNDATION CONNECTION	4/S501
V-3-SG	1964	1	CORRIDOR 0516 (BELOW)	SEISMIC GAP BETWEEN EWR & NORTH-SOUTH WING	11/S501
V-4-DW	1964	2	OUTSIDE (BELOW)	BEAM TO EXTERIOR WALL CONNECTION - EWR	14/S401
V-5-DW	1964	2	CORRIDOR (BELOW)	BEAM TO INTERIOR WALL CONNECTION - EWR	15/S501
V-6-SG	1964	2	STORAGE 1511B (BELOW)	GIRDER SPLICE AND BEAM CONNECTION - EWR	20/S501
V-7-SG	1964	2	CORRIDOR 1515 (BELOW)	SEISMIC GAP BETWEEN EWT & EWR	12/S501
V-8-SG	1964	2	CORRIDOR 1000 (BELOW)	SEISMIC GAP BETWEEN EWT & NORTH-SOUTH WING	13/S501
V-11-BW	1964	3	MECH 2340A (BELOW)	BEAM TO WALL CONNECTION - EWR ROOF	5/S501
V-15-CW	1964	4	MECH 4144	MASONRY PARTITION WALL	7/S501

OWNER:



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SEALS AND SIGNATURES



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No.	Description	Date
A	HCAI Backcheck #1	08/25/2025

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AUTHORITY HAVING JURISDICTION'S PROJECT NO.
S251130-34-00
FACILITY NUMBER
10619



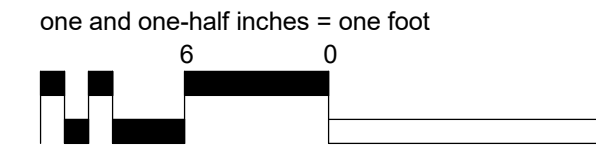
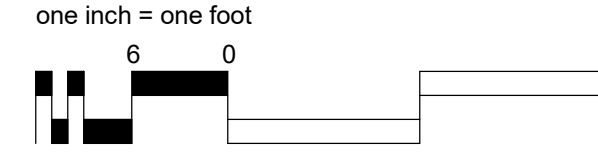
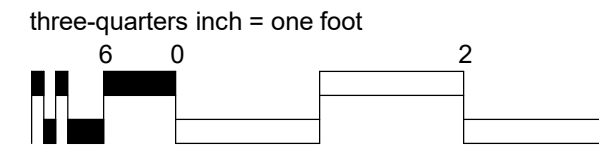
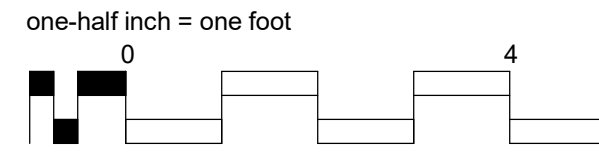
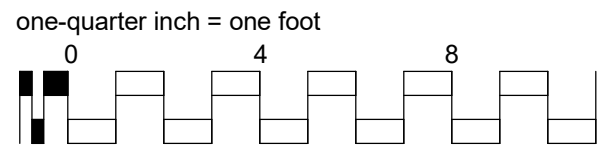
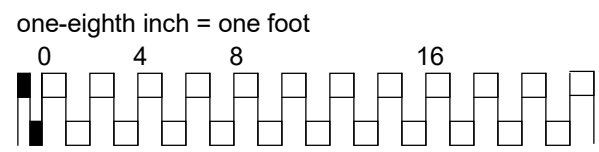
Project:
**UCDH MEDICAL CENTER
EAST WING TOWER &
EAST WING RADIOLOGY
MTCAP**

Sheet Title:
SCHEDULES & TABLES

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Job Number: C2953022.05
Drawn by: GG
Design by: ASH
Checked by: MGA
Date: 07/10/2025
Drawing Number:

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No.	Description	Date
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AUTHORITY HAVING JURISDICTION'S PROJECT NO.

S251130-34-00

FACILITY NUMBER

10619

AGENCY APPROVALS:



Project:

**UCDH MEDICAL CENTER
EAST WING TOWER &
EAST WING RADIOLOGY
MTCAP**

Sheet Title:

GROUND FLOOR PLAN

Scale: As indicated

Job Number: C2953022.05

Drawn by: GG

Design by: ASH

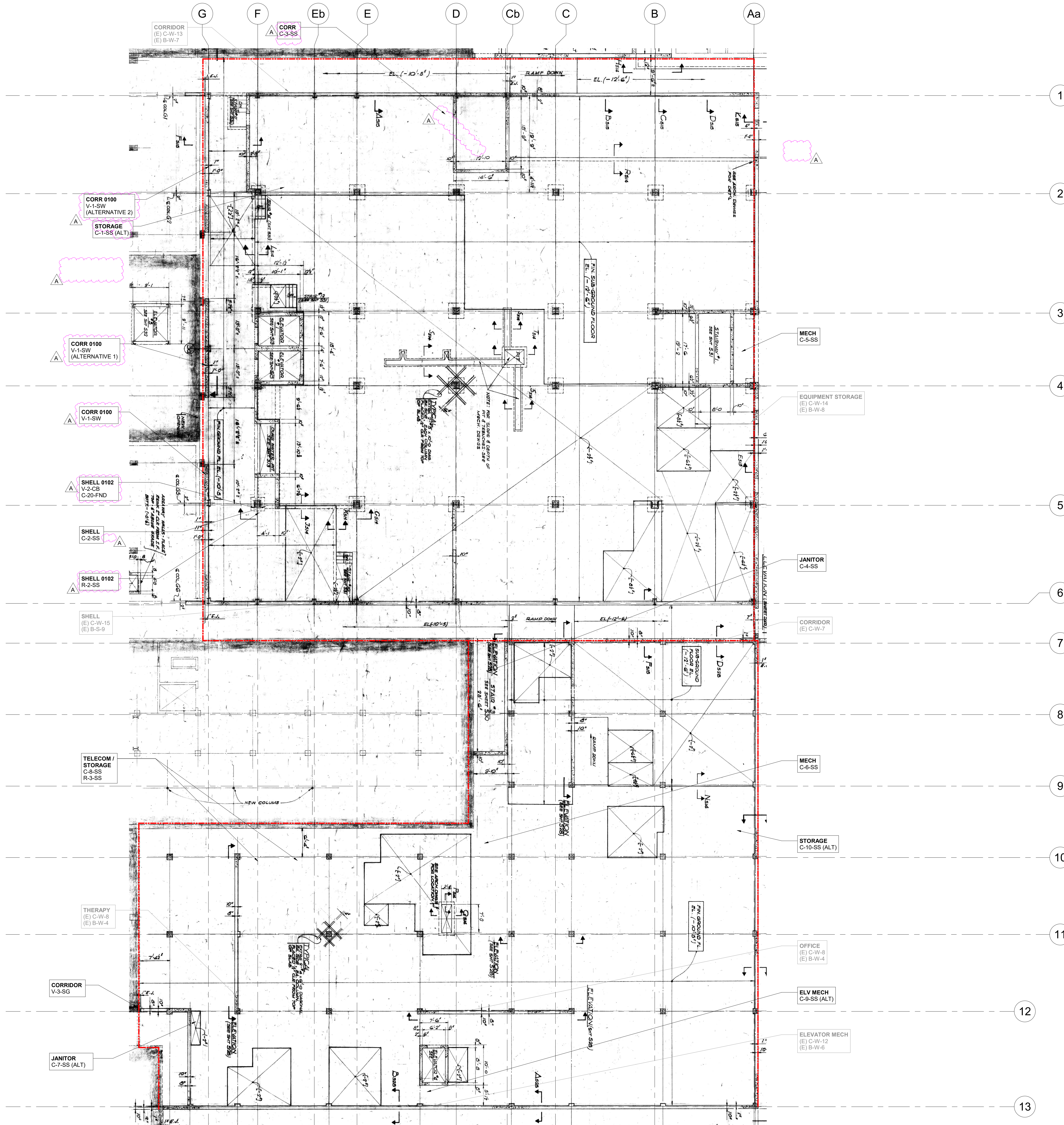
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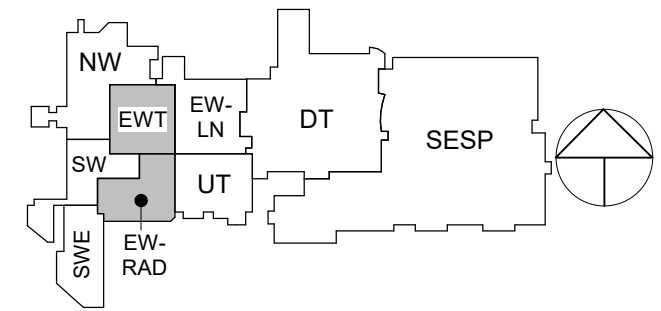
SEISMIC JOINT

LEGEND
PHASE 1 TESTING &
VERIFICATION LOCATIONS
C-1-CW
MATERIAL
SAMPLE NUMBER
ELEMENT/TYPE
PHASE 2 TESTING &
VERIFICATION LOCATIONS
C-#-CW (ALT)

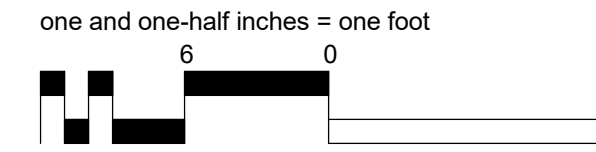
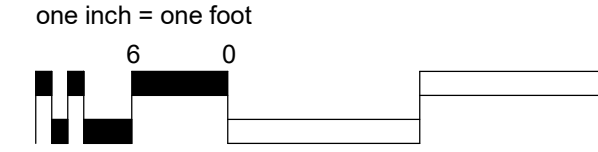
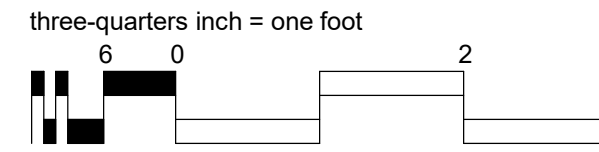
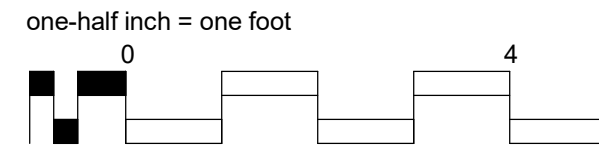
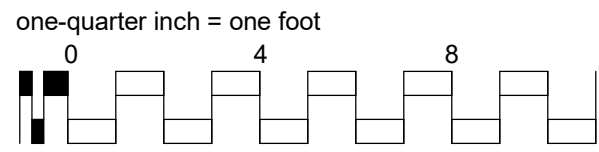
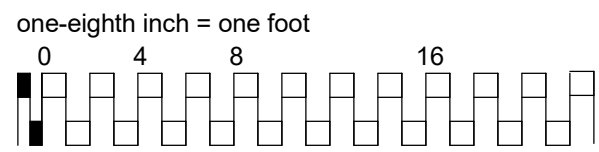
COMPLETED & APPROVED
TEST LOCATIONS AS PART
OF SPC-2 TESTING
(E) C-#-W-4
COMPLETED TESTING AND
VERIFICATION LOCATIONS
AS PART OF PARTIAL MTCAP (S2401101-34-00)
C-#-CW (P)

MATERIAL LEGEND	
C	CONCRETE CORE
R	REINFORCING STEEL
S	STRUCTURAL STEEL
V	VERIFICATION / OBSERVATION

ELEMENT/TYPE LEGEND	
SS	STRUCTURAL SLAB
CW	CONCRETE WALL
BM	BEAM
CL	COLUMN
MD	METAL DECK
DW	DIAPHRAGM-WALL CONNECTION
SW	SLAB TO WALL CONNECTION
MC	MOMENT CONNECTION
CS	COLUMN SPLICE
CB	COLUMN BASE
SG	SEISMIC GAP
PPC	PRECAST PANEL CONNECTION
GS	GIRDER SPLICE
BW	BEAM TO WALL CONNECTION
BLT	BOLT
RV	RIVET
WM	WELD METAL
FND	FOUNDATION



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Revision

No.	Description	Date
A	HCAI Backcheck #1	08/28/2025

AUTHORITY HAVING JURISDICTION:

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AUTHORITY HAVING JURISDICTION'S PROJECT NO.

S251130-34-00

FACILITY NUMBER

10619

AGENCY APPROVALS:



Project:

UCDH MEDICAL CENTER
EAST WING TOWER &
EAST WING RADIOLOGY
MTCAP

Sheet Title:

GROUND FLOOR
ARCHITECTURAL PLAN

Scale: As indicated

Job Number: C2953022.05

Drawn by: GG

Design by: ASH

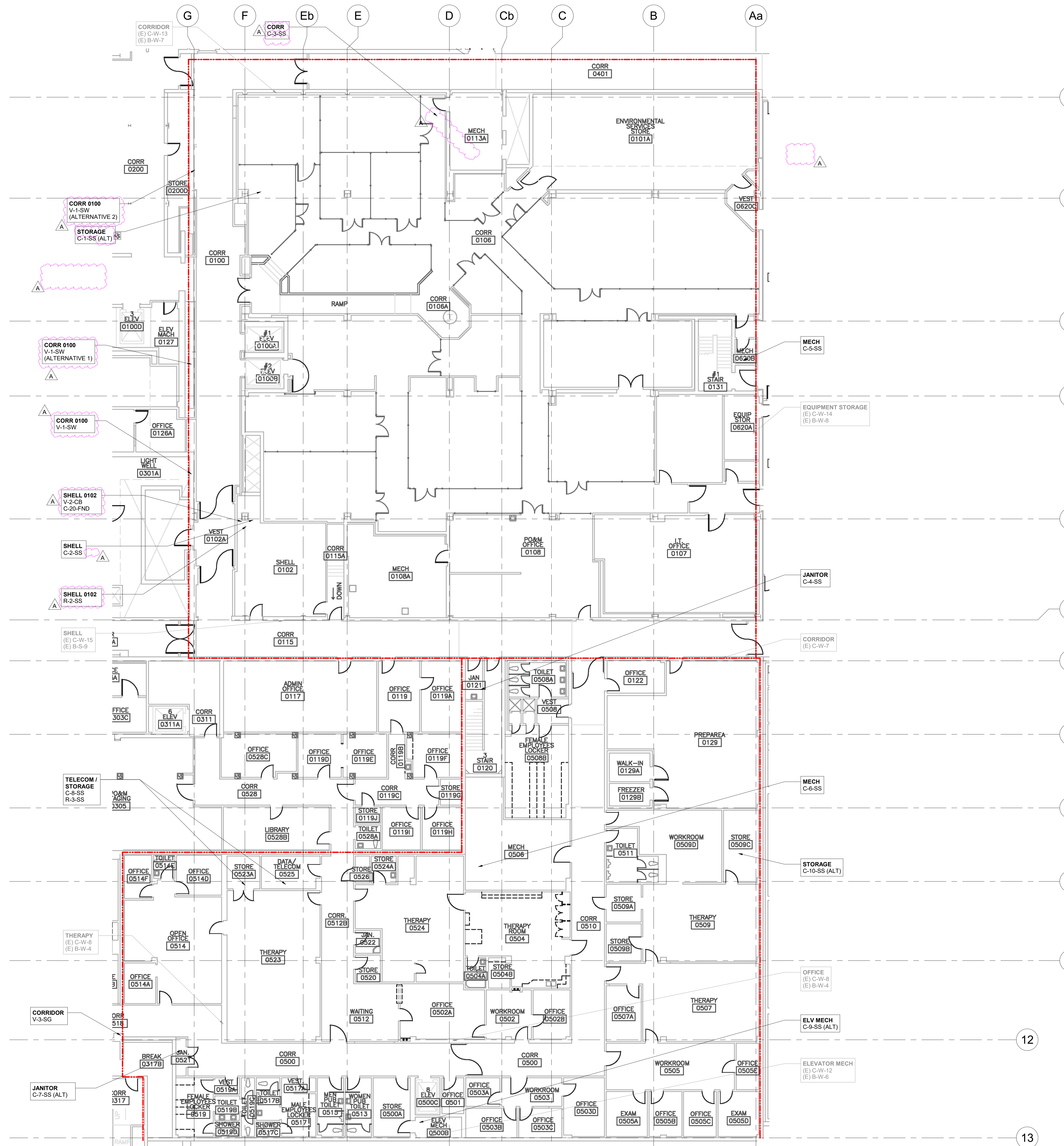
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SEISMIC JOINT

LEGEND

PHASE 1 TESTING & VERIFICATION LOCATIONS

C-1-CW

MATERIAL

SAMPLE NUMBER

ELEMENT/TYPE

PHASE 2 TESTING & VERIFICATION LOCATIONS

C-#-CW (ALT)

COMPLETED & APPROVED TEST LOCATIONS AS PART OF SPC-2 TESTING

(E) C-#-W-4

COMPLETED TESTING AND VERIFICATION LOCATIONS AS PART OF PARTIAL MTCAP (S2401101-34-00)

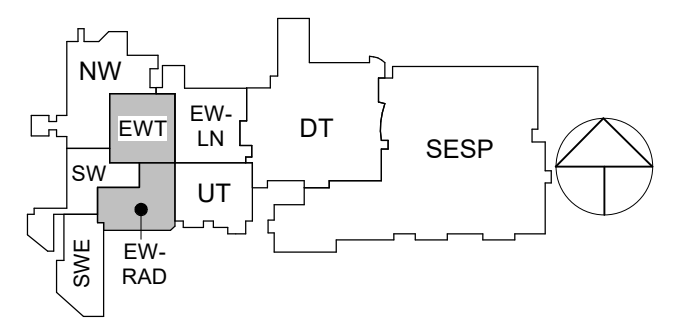
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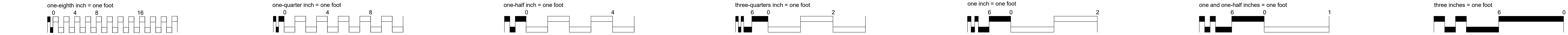
MATERIAL LEGEND

C	CONCRETE CORE
R	REINFORCING STEEL
S	STRUCTURAL STEEL
V	VERIFICATION / OBSERVATION

ELEMENT/TYPE LEGEND

SS	STRUCTURAL SLAB
CW	CONCRETE WALL
BM	BEAM
CL	COLUMN
MD	METAL DECK
DW	DIAPHRAGM-WALL CONNECTION
SW	SLAB TO WALL CONNECTION
MC	MOMENT CONNECTION
CS	COLUMN SPLICE
CB	COLUMN BASE
SG	SEISMIC GAP
PPC	PRECAST PANEL CONNECTION
GS	GIRDER SPLICE
BW	BEAM TO WALL CONNECTION
BLT	BOLT
RV	RIVET
WM	WELD METAL
FND	FOUNDATION





SEISMIC JOINT

LEGEND

PHASE 1 TESTING & VERIFICATION LOCATIONS

C-1-CW

MATERIAL SAMPLE NUMBER ELEMENT/TYPE

PHASE 2 TESTING & VERIFICATION LOCATIONS

C-#-CW (ALT)

COMPLETED & APPROVED TEST LOCATIONS AS PART OF SPC-2 TESTING

(P) C-#-CW-1

COMPLETED TESTING AND VERIFICATION LOCATIONS AS PART OF PARTIAL MTCAP (S2401101-34-00)

C-#-CW (P)

MATERIAL LEGEND

C	CONCRETE CORE
R	REINFORCING STEEL
S	STRUCTURAL STEEL
V	VERIFICATION / OBSERVATION

ELEMENT/TYPE LEGEND

SS	STRUCTURAL SLAB
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FND	FOUNDATION



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Revision

No.	Description	Date
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AUTHORITY HAVING JURISDICTION'S PROJECT NO.
S251130-34-00

FACILITY NUMBER
10619



Project:
**UCDH MEDICAL CENTER
EAST WING TOWER &
EAST WING RADIOLOGY
MTCAP**

Sheet Title:
**1ST FLOOR
ARCHITECTURAL PLAN**

Scale: As indicated

Job Number: C2953022.05

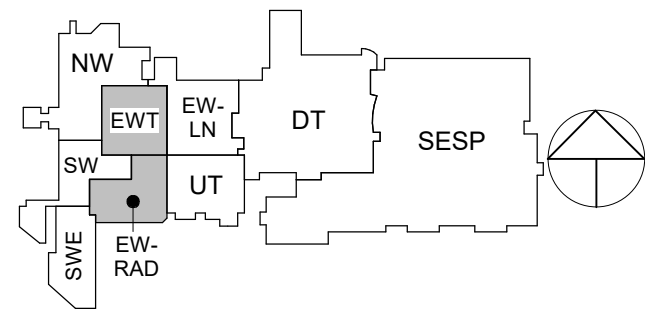
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Design by: ASH

Checked by: MGA

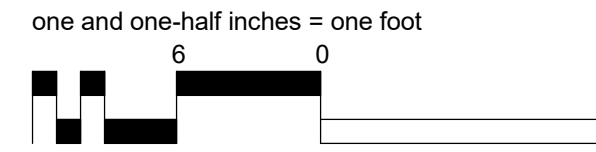
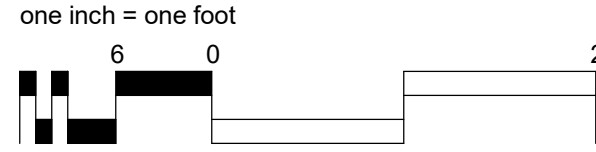
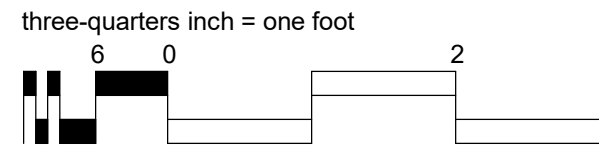
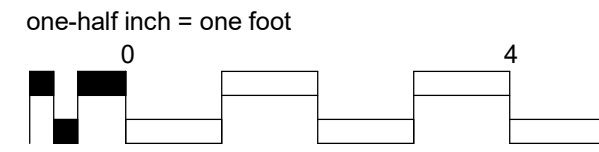
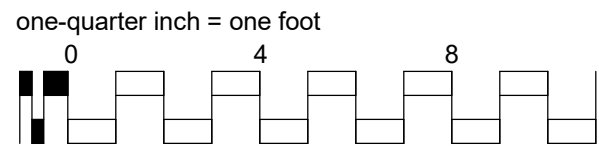
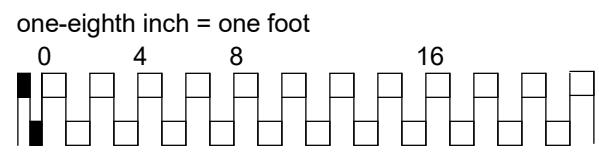
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S251130-34-00

FACILITY NUMBER

10619

AGENCY APPROVALS:



Project:

UCDH MEDICAL CENTER
EAST WING TOWER &
EAST WING RADIOLOGY
MTCAP

Sheet Title:

3RD FLOOR PLAN

Scale: As indicated

Job Number: C2953022.05

Drawn by: GG

Design by: ASH

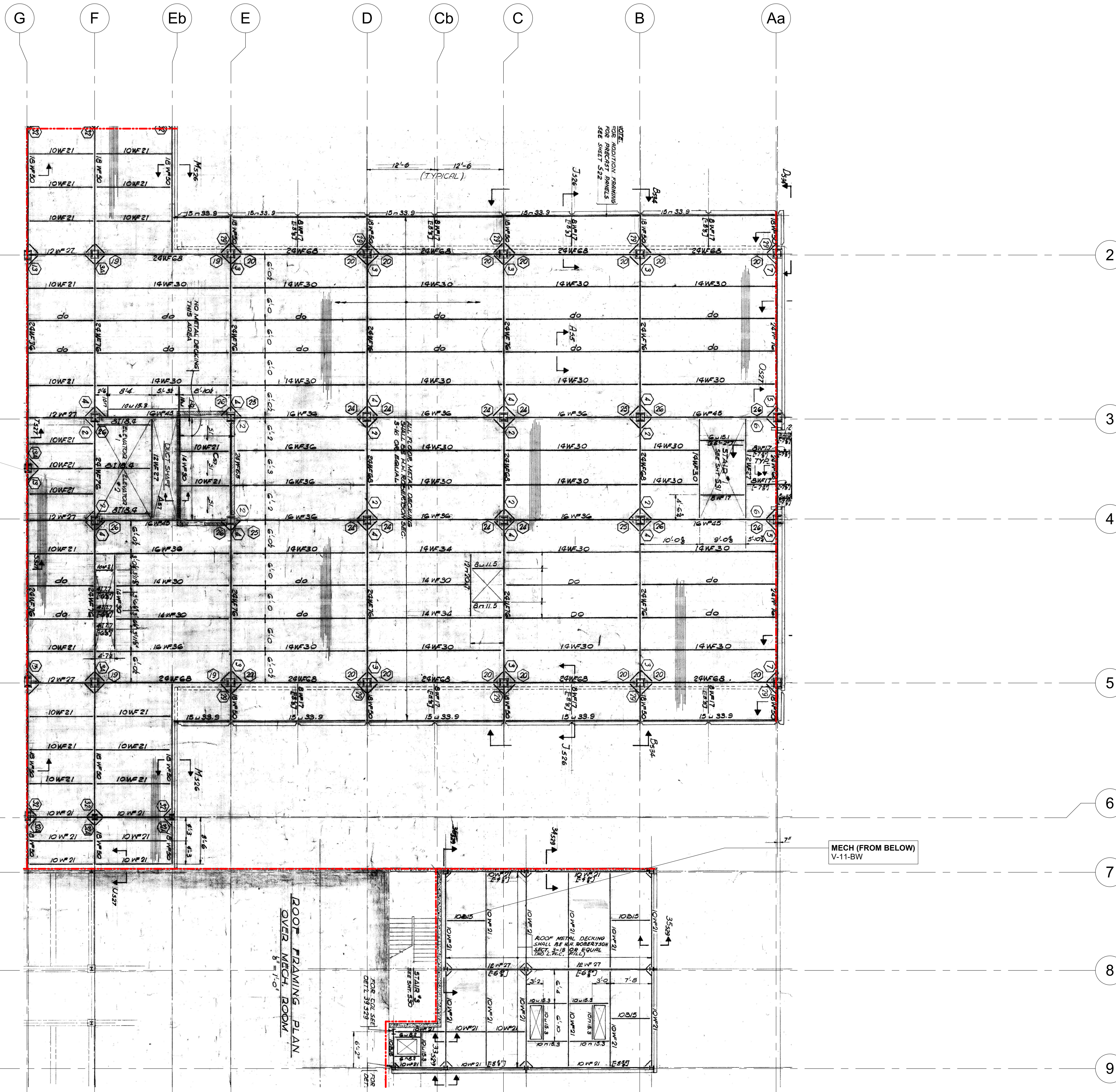
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of Sheets



SEISMIC JOINT

LEGEND
PHASE 1 TESTING &
VERIFICATION LOCATIONS
C-1-CW
MATERIAL
SAMPLE NUMBER
ELEMENT/TYPE
PHASE 2 TESTING &
VERIFICATION LOCATIONS
C-#-CW (ALT)

COMPLETED & APPROVED
TEST LOCATIONS AS PART
OF SPC-2 TESTING
(P) CC-W-4
COMPLETED TESTING AND
VERIFICATION LOCATIONS
AS PART OF PARTIAL MTCAP (S2401101-34-00)
C-#-CW (P)

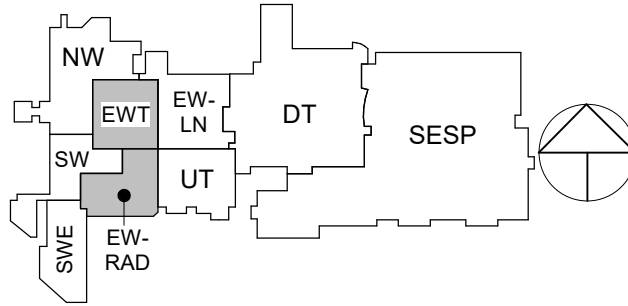
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C	CONCRETE CORE
R	REINFORCING STEEL
S	STRUCTURAL STEEL
V	VERIFICATION / OBSERVATION

ELEMENT/TYPE LEGEND	
SS	STRUCTURAL SLAB
CW	CONCRETE WALL
BM	BEAM
CL	COLUMN
MD	METAL DECK
DW	DIAPHRAGM-WALL CONNECTION
SW	SLAB TO WALL CONNECTION
MC	MOMENT CONNECTION
CS	COLUMN SPLICE
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SG	SEISMIC GAP
PPC	PRECAST PANEL CONNECTION
GS	GIRDER SPLICE
BW	BEAM TO WALL CONNECTION
BLT	BOLT
RV	RIVET
WM	WELD METAL
FND	FOUNDATION

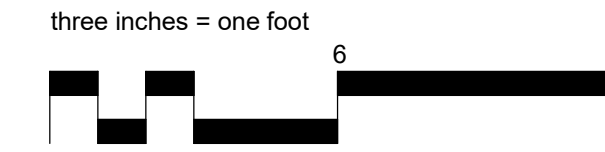
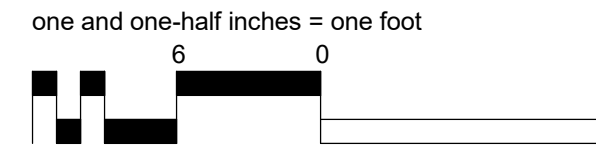
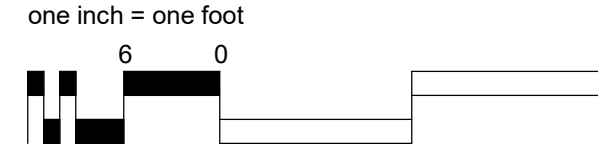
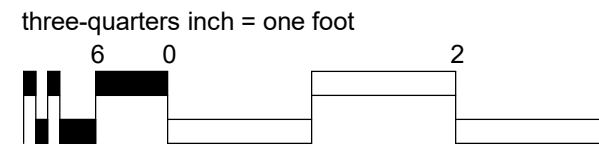
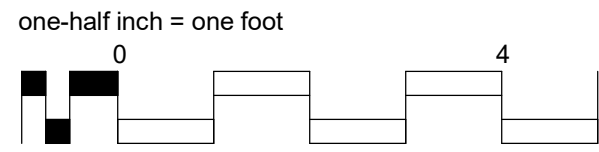
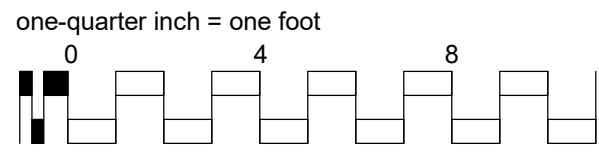
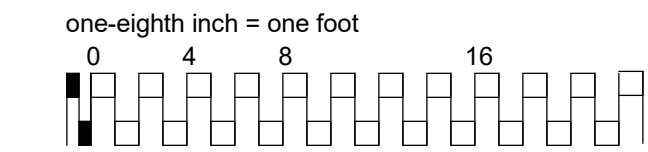
MECHANICAL
(E) C-S-9

MECH (FROM BELOW)
V-11-BW

ROOF FRAMING PLAN
OVER MECH ROOM



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AUTHORITY HAVING JURISDICTION'S PROJECT NO.

S251130-34-00

FACILITY NUMBER

10619

AGENCY APPROVALS:



Project:

UCDH MEDICAL CENTER
EAST WING TOWER &
EAST WING RADIOLOGY
MTCAP

Sheet Title:

3RD FLOOR
ARCHITECTURAL PLAN

Scale: As indicated

Job Number: C2953022.05

Drawn by: GG

Design by: ASH

Checked by: MGA

Date: 07/10/2025

Drawing Number:

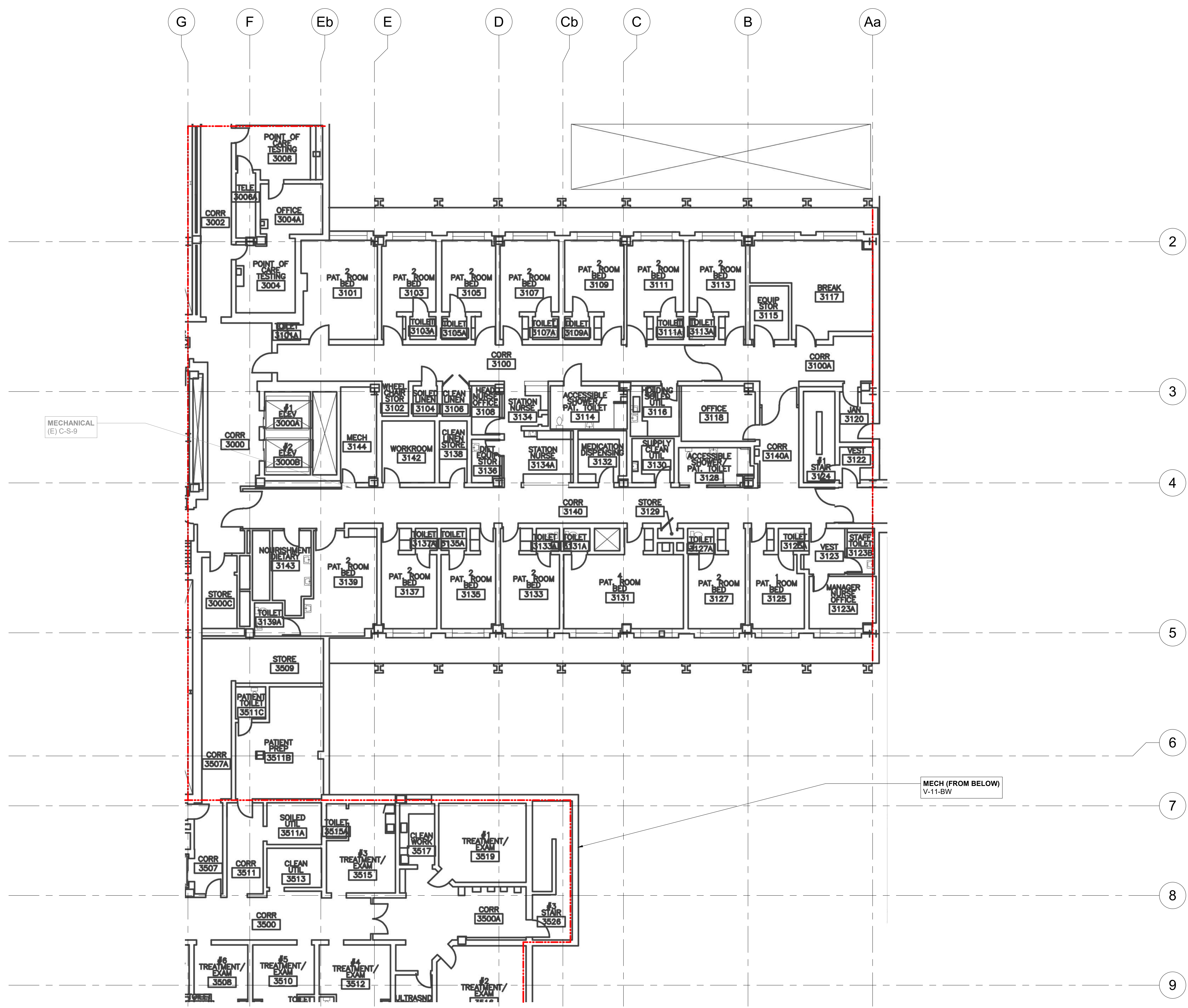
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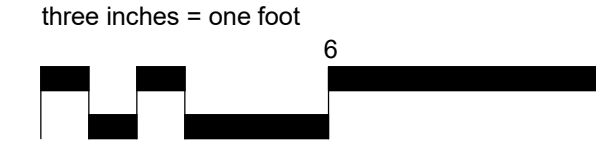
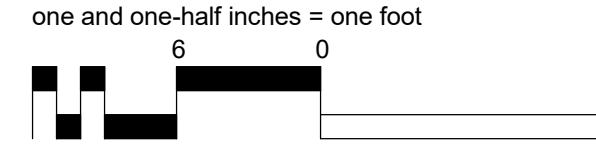
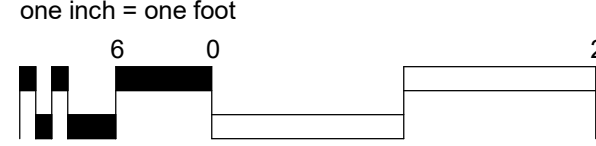
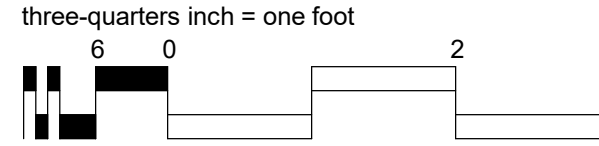
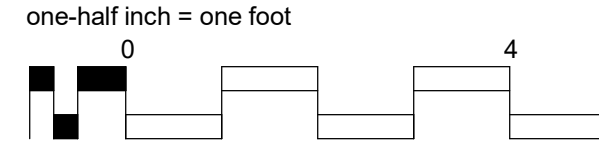
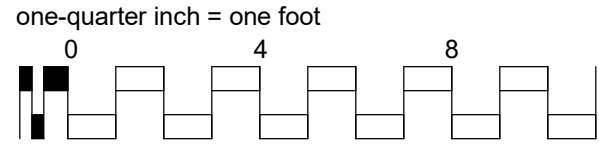
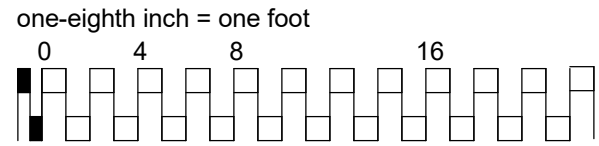
SEISMIC JOINT

LEGEND
PHASE 1 TESTING &
VERIFICATION LOCATIONS
C-1-CW
MATERIAL
SAMPLE NUMBER
ELEMENT/TYPE
PHASE 2 TESTING &
VERIFICATION LOCATIONS
C-#-CW (ALT)
COMPLETED & APPROVED
TEST LOCATIONS AS PART
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COMPLETED TESTING AND
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AS PART OF PARTIAL MTCAP (S2401101-34-00)
C-#-CW (P)

MATERIAL LEGEND	
C	CONCRETE CORE
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V	VERIFICATION / OBSERVATION

ELEMENT/TYPE LEGEND	
SS	STRUCTURAL SLAB
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BLT	BOLT
RV	RIVET
WM	WELD METAL
FND	FOUNDATION





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S251130-34-00

FACILITY NUMBER

10619

AGENCY APPROVALS:



Project:
UCDH MEDICAL CENTER
EAST WING TOWER &
EAST WING RADIOLOGY
MTCAP

Sheet Title:

4TH FLOOR PLAN

Scale: As indicated

Job Number: C2953022.05

Drawn by: GG

Design by: ASH

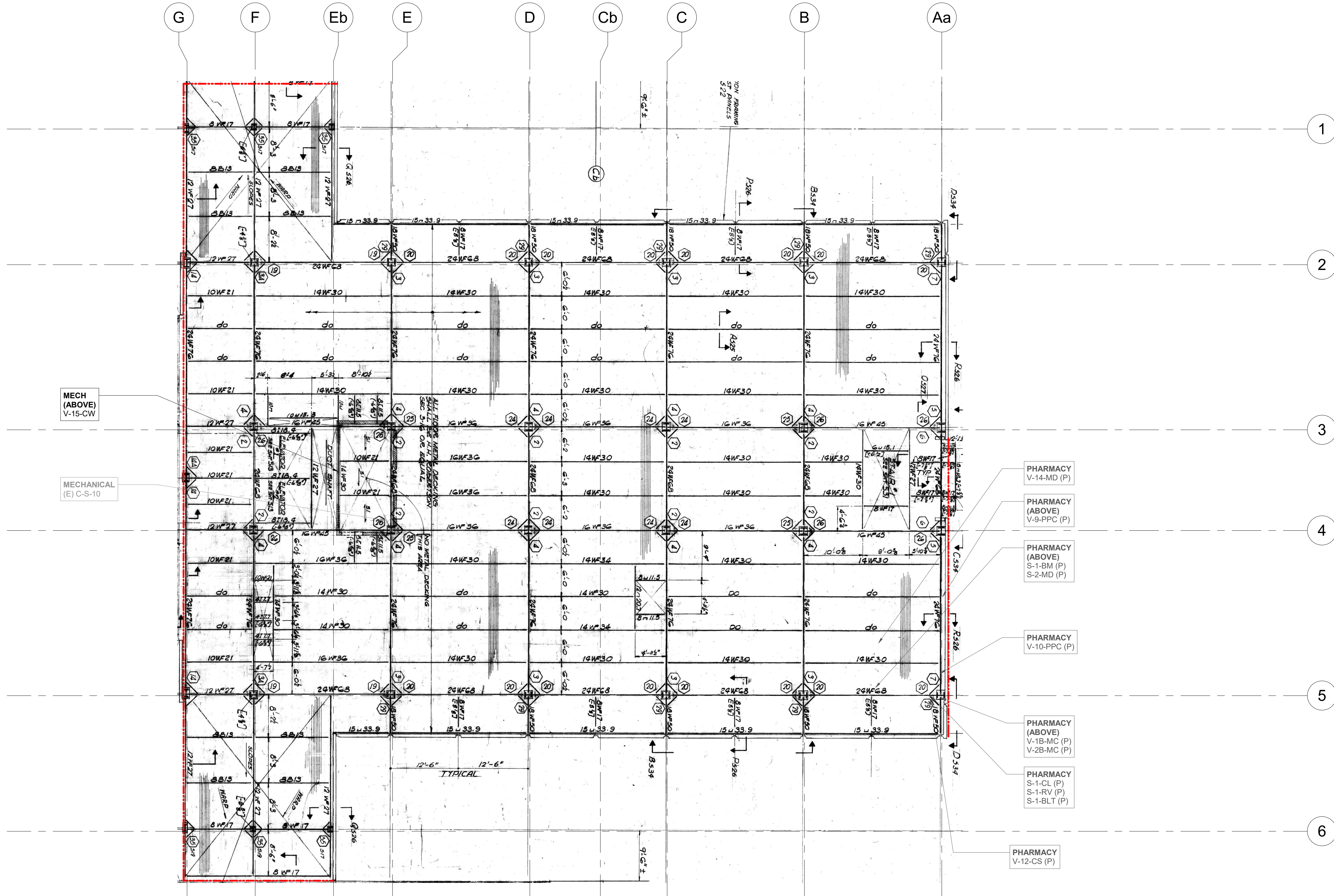
Checked by: MGA

Date: 07/10/2025

Drawing Number:

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of Sheets



SEISMIC JOINT

LEGEND

PHASE 1 TESTING & VERIFICATION LOCATIONS

C-1-CW

MATERIAL

SAMPLE NUMBER

ELEMENT/TYPE

PHASE 2 TESTING & VERIFICATION LOCATIONS

C-#-CW (ALT)

COMPLETED & APPROVED TEST LOCATIONS AS PART OF SPC-2 TESTING

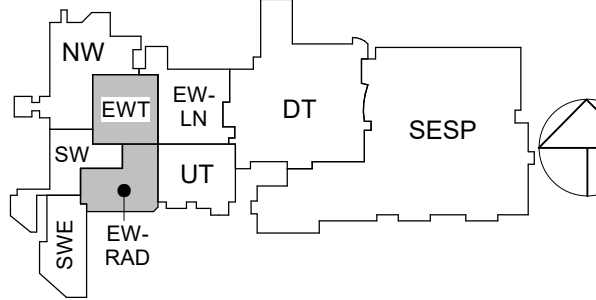
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COMPLETED TESTING AND VERIFICATION LOCATIONS AS PART OF PARTIAL MTCAP (S2401101-34-00)

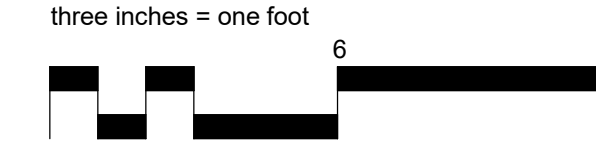
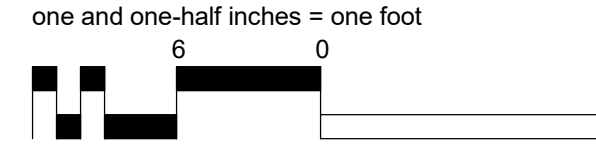
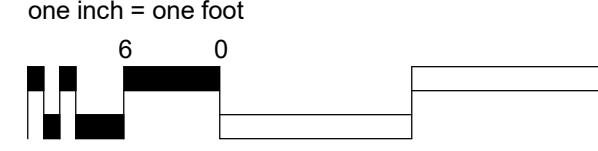
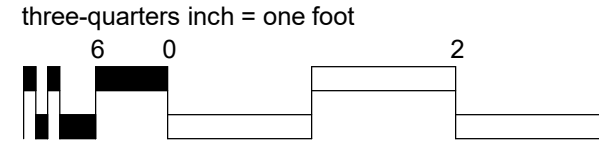
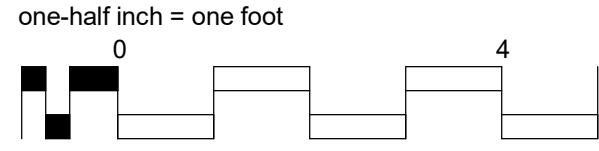
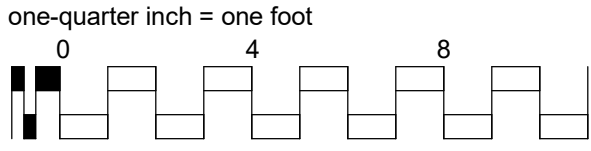
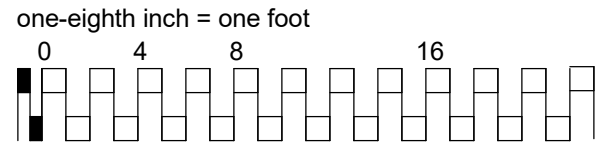
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MATERIAL LEGEND	
C	CONCRETE CORE
R	REINFORCING STEEL
S	STRUCTURAL STEEL
V	VERIFICATION / OBSERVATION

ELEMENT/TYPE LEGEND	
SS	STRUCTURAL SLAB
CW	CONCRETE WALL
BM	BEAM
CL	COLUMN
MD	METAL DECK
DW	DIAPHRAGM-WALL CONNECTION
SW	SLAB TO WALL CONNECTION
MC	MOMENT CONNECTION
CS	COLUMN SPLICE
CB	COLUMN BASE
SG	SEISMIC GAP
PPC	PRECAST PANEL CONNECTION
GS	GIRDER SPLICE
BW	BEAM TO WALL CONNECTION
BLT	BOLT
RV	RIVET
WM	WELD METAL
FND	FOUNDATION



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No.	Description	Date

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AUTHORITY HAVING JURISDICTION'S PROJECT NO.
S251130-34-00
FACILITY NUMBER
10619



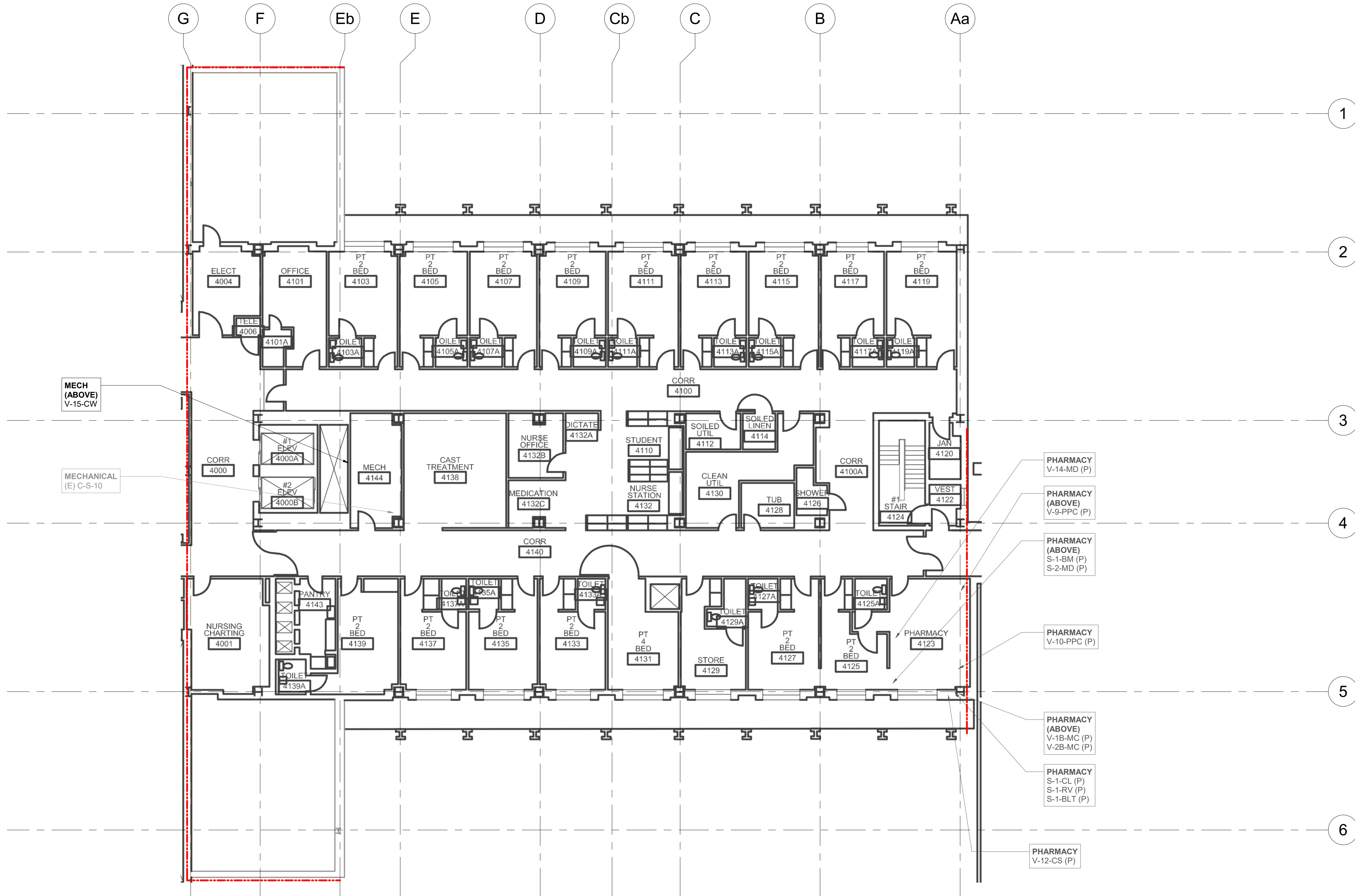
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EAST WING TOWER &
EAST WING RADIOLOGY
MTCAP**

Sheet Title:
**4TH FLOOR
ARCHITECTURAL PLAN**

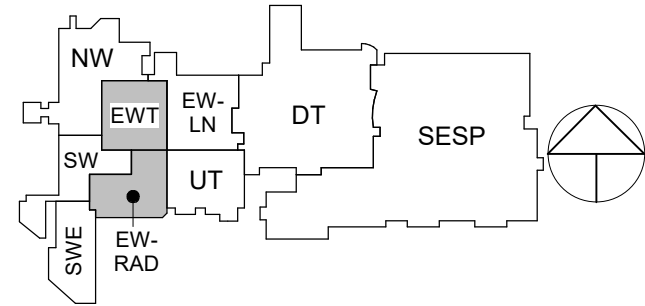
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Drawn by: GG
Design by: ASH
Checked by: MGA
Date: 07/10/2025
Drawing Number:

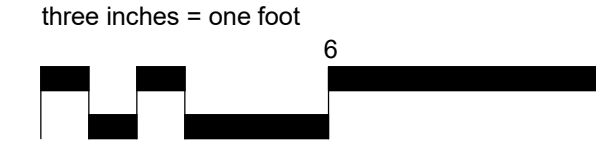
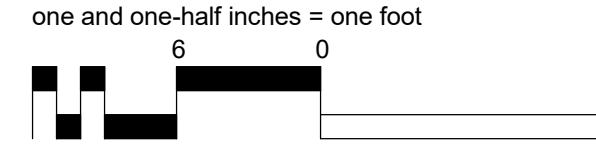
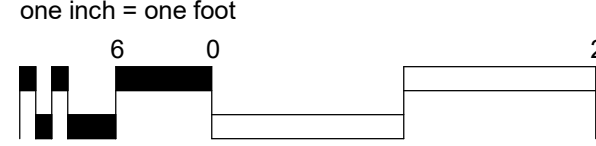
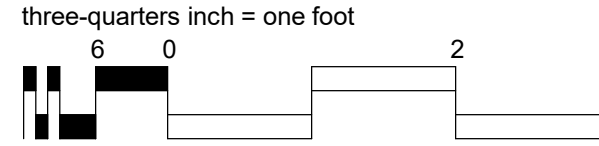
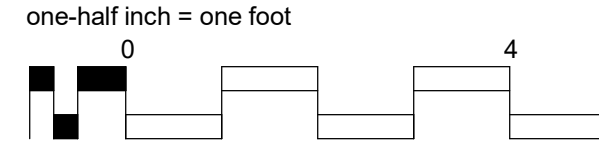
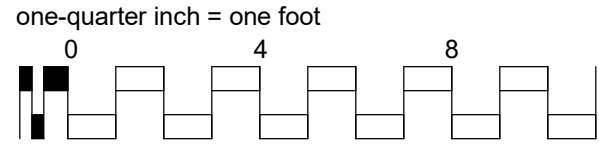
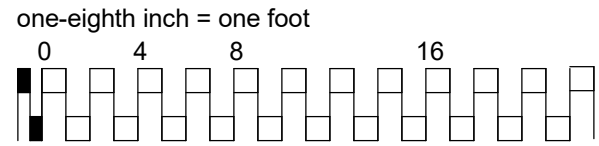
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of Sheets



SEISMIC JOINT	
LEGEND	
PHASE 1 TESTING & VERIFICATION LOCATIONS	
C-1-CW	
MATERIAL	
SAMPLE NUMBER	
ELEMENT/TYPE	
PHASE 2 TESTING & VERIFICATION LOCATIONS	
C-#-CW (ALT)	
COMPLETED & APPROVED TEST LOCATIONS AS PART OF SPC-2 TESTING	
(P) CC-W-1	
COMPLETED TESTING AND VERIFICATION LOCATIONS AS PART OF PARTIAL MTCAP (S2401101-34-00)	
C-#-CW (P)	
MATERIAL LEGEND	
C	CONCRETE CORE
R	REINFORCING STEEL
S	STRUCTURAL STEEL
V	VERIFICATION / OBSERVATION
ELEMENT/TYPE LEGEND	
SS	STRUCTURAL SLAB
CW	CONCRETE WALL
BM	BEAM
CL	COLUMN
MD	METAL DECK
DW	DIAPHRAGM-WALL CONNECTION
SW	SLAB TO WALL CONNECTION
MC	MOMENT CONNECTION
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CB	COLUMN BASE
SG	SEISMIC GAP
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GS	GIRDER SPLICE
BW	BEAM TO WALL CONNECTION
BLT	BOLT
RV	RIVET
WM	WELD METAL
FND	FOUNDATION





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S251130-34-00

FACILITY NUMBER

10619

AGENCY APPROVALS:



Project:

UCDH MEDICAL CENTER
EAST WING TOWER &
EAST WING RADIOLOGY
MTCAP

Sheet Title:

5TH FLOOR PLAN

Scale: As indicated

Job Number: C2953022.05

Drawn by: GG

Design by: ASH

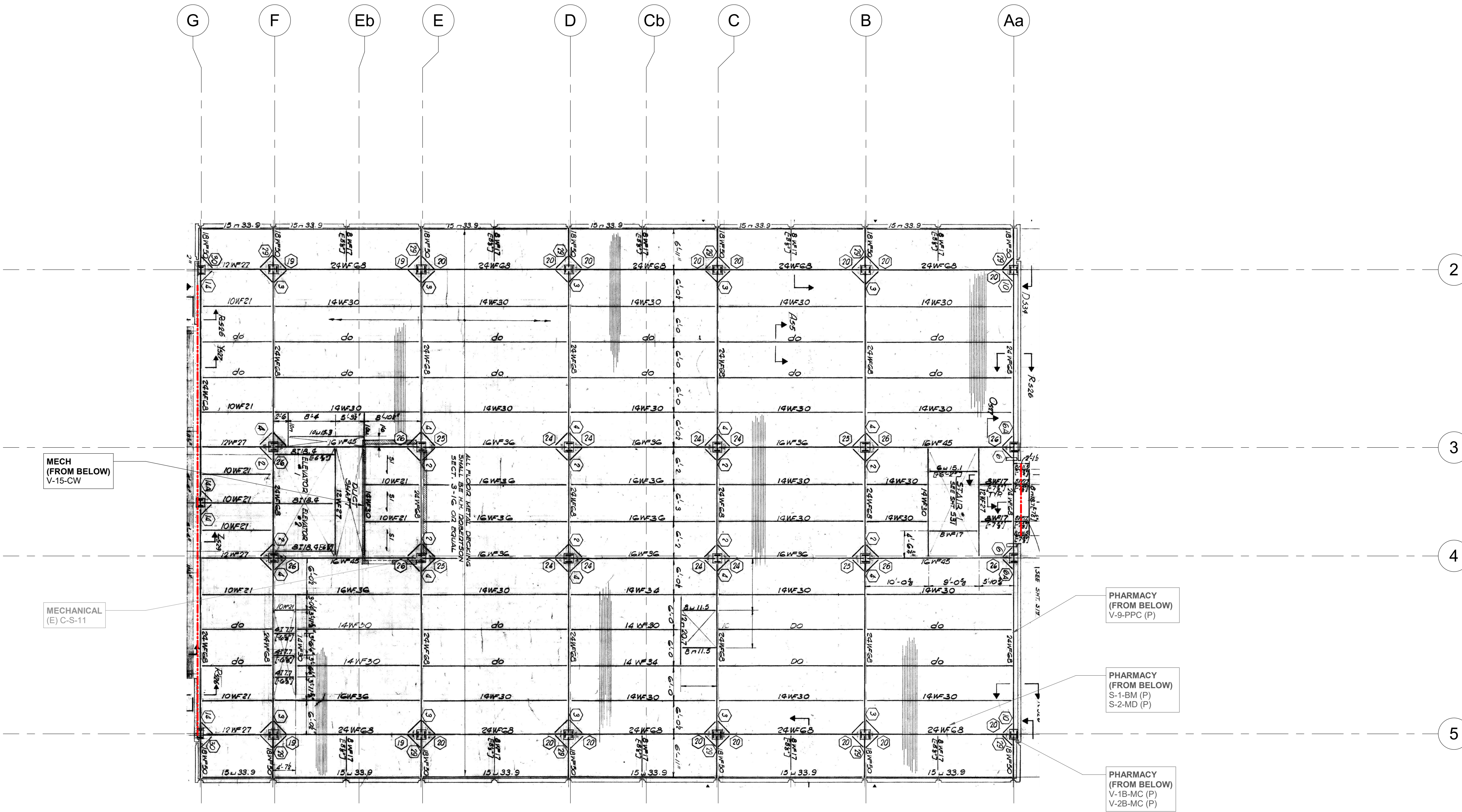
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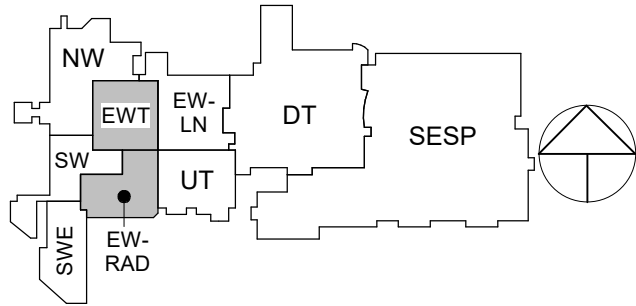
LEGEND
PHASE 1 TESTING &
VERIFICATION LOCATIONS
C-1-CW
MATERIAL
SAMPLE NUMBER
ELEMENT/TYPE
PHASE 2 TESTING &
VERIFICATION LOCATIONS
C-#-CW (ALT)

COMPLETED & APPROVED
TEST LOCATIONS AS PART
OF SPC-2 TESTING
(P) C2-M-1

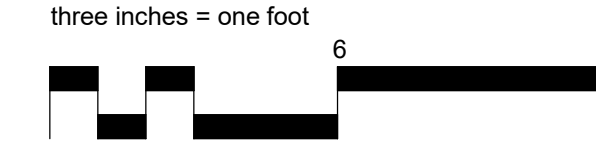
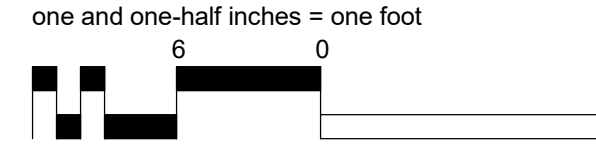
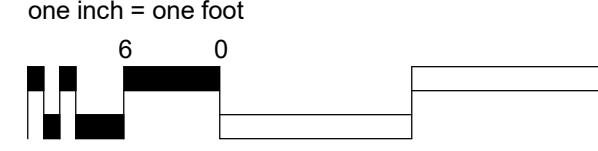
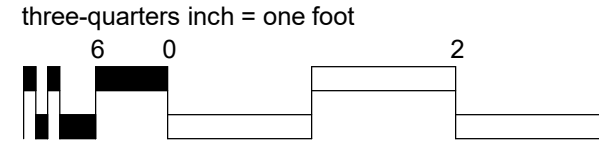
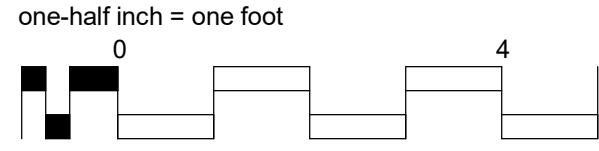
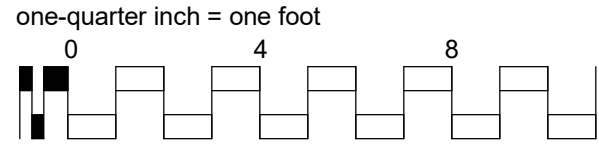
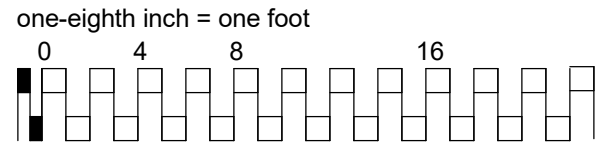
COMPLETED TESTING AND
VERIFICATION LOCATIONS
AS PART OF PARTIAL MTCAP (S2401101-34-00)
C-#-CW (P)

MATERIAL LEGEND	
C	CONCRETE CORE
R	REINFORCING STEEL
S	STRUCTURAL STEEL
V	VERIFICATION / OBSERVATION

ELEMENT/TYPE LEGEND	
SS	STRUCTURAL SLAB
CW	CONCRETE WALL
BM	BEAM
CL	COLUMN
MD	METAL DECK
DW	DIAPHRAGM-WALL CONNECTION
SW	SLAB TO WALL CONNECTION
MC	MOMENT CONNECTION
CS	COLUMN SPLICE
CB	COLUMN BASE
SG	SEISMIC GAP
PPC	PRECAST PANEL CONNECTION
GS	GIRDER SPLICE
BW	BEAM TO WALL CONNECTION
BLT	BOLT
RV	RIVET
WM	WELD METAL
FND	FOUNDATION



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AUTHORITY HAVING JURISDICTION'S PROJECT NO.
S251130-34-00

FACILITY NUMBER
10619

AGENCY APPROVALS:

REVIEWED IN ACCORDANCE WITH
THE REQUIREMENTS OF T24, COR
APPROVED
Department of Health Care Access and Information
Office of Statewide Hospital Planning and Development
9/11/2025, 9:01:54 AM
S251130-34-00
Donald Harris

Project:

**UCDH MEDICAL CENTER
EAST WING TOWER &
EAST WING RADIOLOGY
MTCAP**

Sheet Title:

**5TH FLOOR
ARCHITECTURAL PLAN**

Scale:

As indicated

Job Number:

C2953022.05

Drawn by:

GG

Design by:

ASH

Checked by:

MGA

Date:

07/10/2025

Drawing Number:

S305A

of
Sheets



SEISMIC JOINT

LEGEND

PHASE 1 TESTING & VERIFICATION LOCATIONS

C-1-CW

MATERIAL

SAMPLE NUMBER

ELEMENT/TYPE

PHASE 2 TESTING & VERIFICATION LOCATIONS

C-#-CW (ALT)

COMPLETED & APPROVED TEST LOCATIONS AS PART OF SPC-2 TESTING

(P) CC-W-1

COMPLETED TESTING AND VERIFICATION LOCATIONS AS PART OF PARTIAL MTCAP (S2401101-34-00)

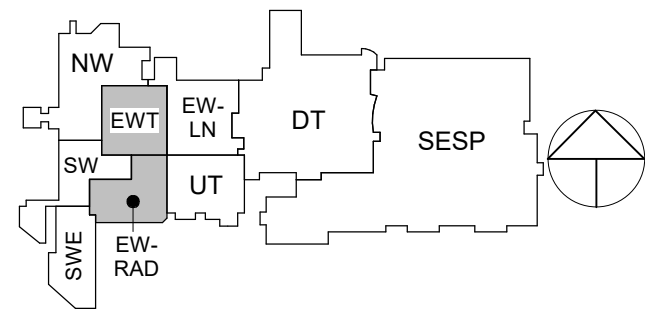
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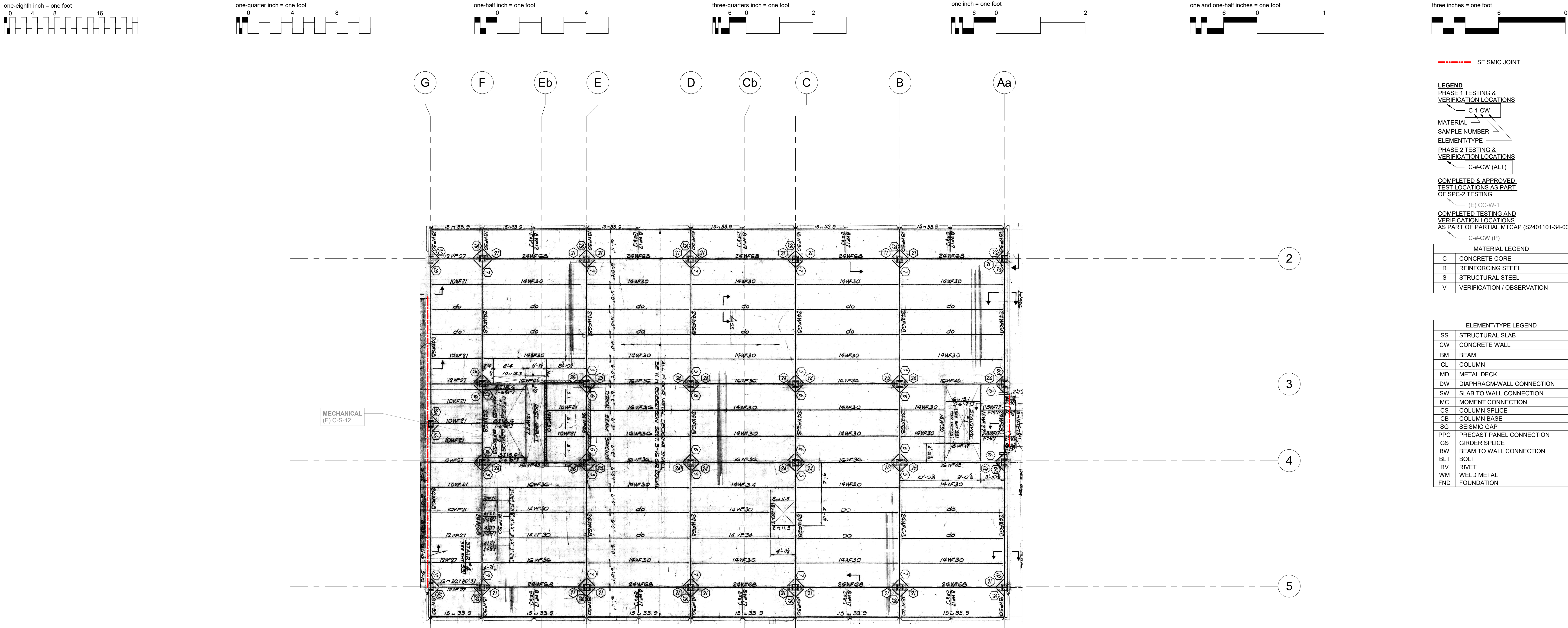
MATERIAL LEGEND

C	CONCRETE CORE
R	REINFORCING STEEL
S	STRUCTURAL STEEL
V	VERIFICATION / OBSERVATION

ELEMENT/TYPE LEGEND

SS	STRUCTURAL SLAB
CW	CONCRETE WALL
BM	BEAM
CL	COLUMN
MD	METAL DECK
DW	DIAPHRAGM-WALL CONNECTION
SW	SLAB TO WALL CONNECTION
MC	MOMENT CONNECTION
CS	COLUMN SPLICE
CB	COLUMN BASE
SG	SEISMIC GAP
PPC	PRECAST PANEL CONNECTION
GS	GIRDER SPLICE
BW	BEAM TO WALL CONNECTION
BLT	BOLT
RV	RIVET
WM	WELD METAL
FND	FOUNDATION





SEISMIC JOINT

LEGEND

PHASE 1 TESTING & VERIFICATION LOCATIONS

C-1-CW

MATERIAL

SAMPLE NUMBER

ELEMENT/TYPE

PHASE 2 TESTING & VERIFICATION LOCATIONS

C-#-CW (ALT)

COMPLETED & APPROVED TEST LOCATIONS AS PART OF SPC-2 TESTING

(P) C2-30-1

COMPLETED TESTING AND VERIFICATION LOCATIONS AS PART OF PARTIAL MTCAP (S2401101-34-00)

C-#-CW (P)

MATERIAL LEGEND

C	CONCRETE CORE
R	REINFORCING STEEL
S	STRUCTURAL STEEL
V	VERIFICATION / OBSERVATION

ELEMENT/TYPE LEGEND

SS	STRUCTURAL SLAB
CW	CONCRETE WALL
BM	BEAM
CL	COLUMN
MD	METAL DECK
DW	DIAPHRAGM-WALL CONNECTION
SW	SLAB TO WALL CONNECTION
MC	MOMENT CONNECTION
CS	COLUMN SPLICE
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FND	FOUNDATION

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Project:
**UCDH MEDICAL CENTER
EAST WING TOWER &
EAST WING RADIOLOGY
MTCAP**

Sheet Title:
6TH FLOOR PLAN

Scale:
As indicated

Job Number:
C2953022.05

Drawn by:
GG

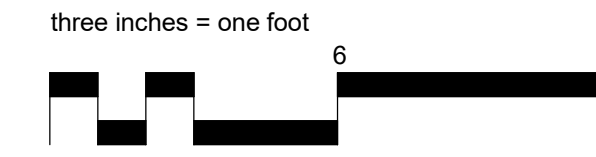
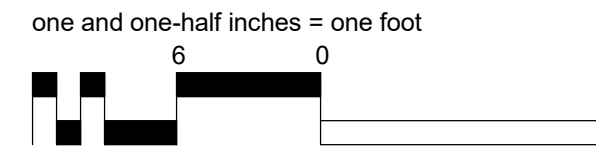
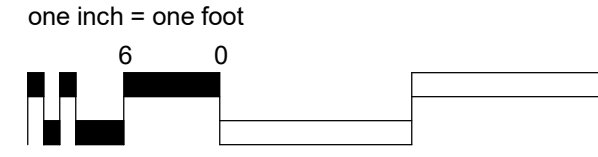
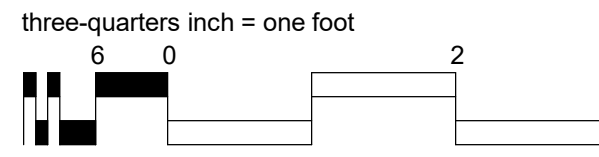
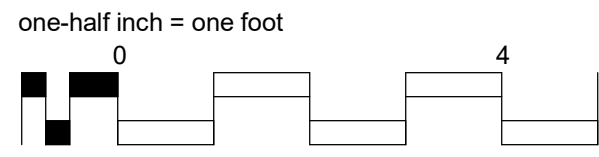
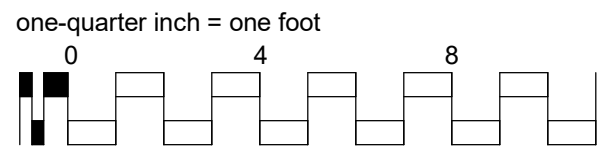
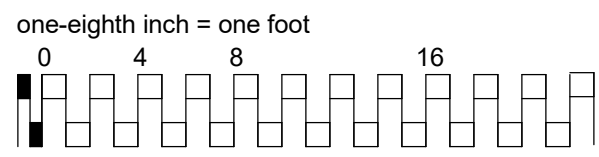
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ASH

Checked by:
MGA

Date:
07/10/2025

Drawing Number:
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S251130-34-00

FACILITY NUMBER

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Project:

UCDH MEDICAL CENTER
EAST WING TOWER &
EAST WING RADIOLOGY
MTCAP

Sheet Title:

6TH FLOOR
ARCHITECTURAL PLAN

Scale: As indicated

Job Number: C2953022.05

Drawn by: GG

Design by: ASH

Checked by: MGA

Date: 07/10/2025

Drawing Number:

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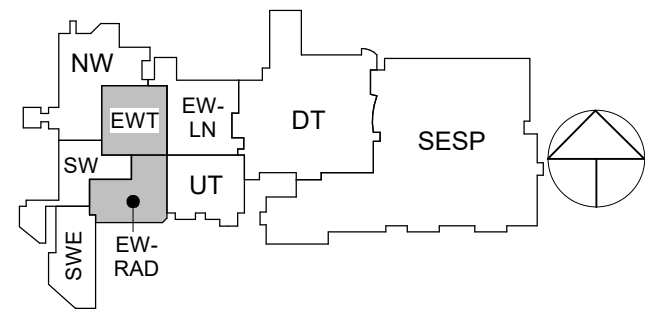
LEGEND
PHASE 1 TESTING &
VERIFICATION LOCATIONS
C-1-CW
MATERIAL
SAMPLE NUMBER
ELEMENT/TYPE
PHASE 2 TESTING &
VERIFICATION LOCATIONS
C-#-CW (ALT)

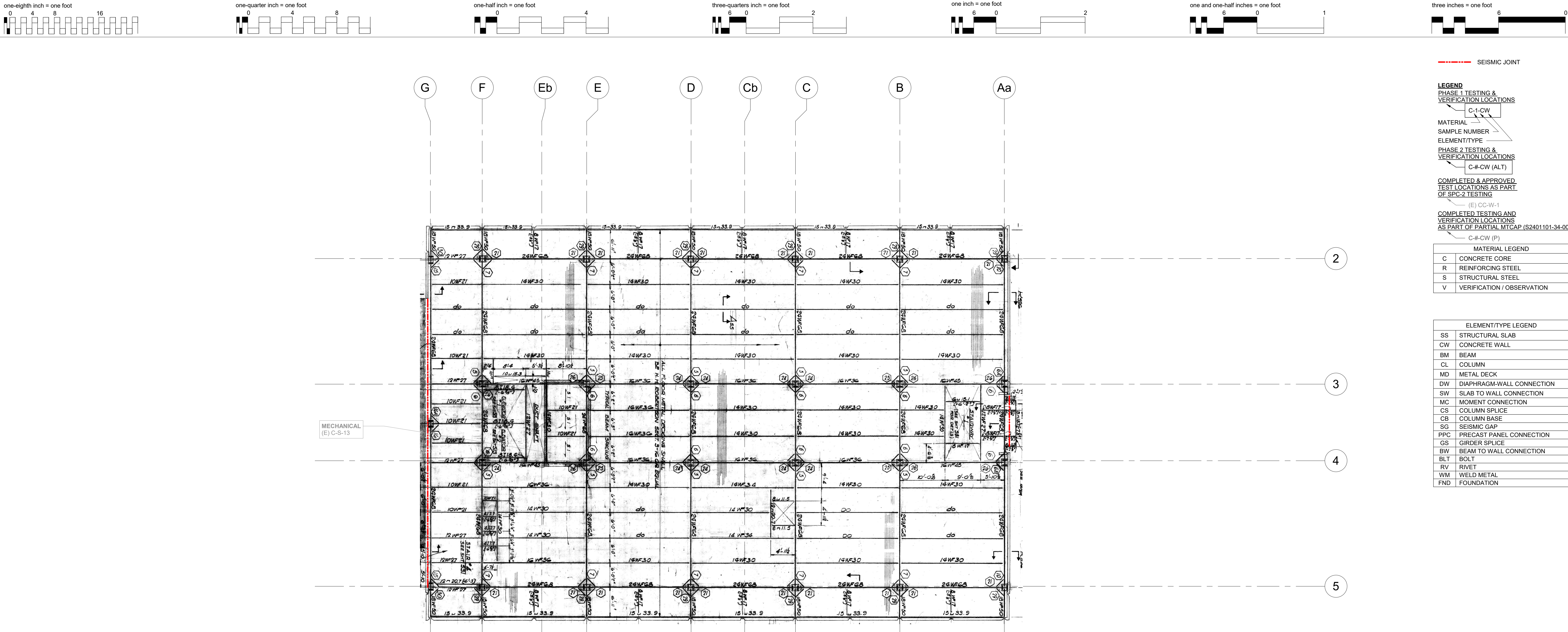
COMPLETED & APPROVED
TEST LOCATIONS AS PART
OF SPC-2 TESTING
(P) C-#-CW-1

COMPLETED TESTING AND
VERIFICATION LOCATIONS
AS PART OF PARTIAL MTCAP (S2401101-34-00)
C-#-CW (P)

MATERIAL LEGEND	
C	CONCRETE CORE
R	REINFORCING STEEL
S	STRUCTURAL STEEL
V	VERIFICATION / OBSERVATION

ELEMENT/TYPE LEGEND	
SS	STRUCTURAL SLAB
CW	CONCRETE WALL
BM	BEAM
CL	COLUMN
MD	METAL DECK
DW	DIAPHRAGM-WALL CONNECTION
SW	SLAB TO WALL CONNECTION
MC	MOMENT CONNECTION
CS	COLUMN SPLICE
CB	COLUMN BASE
SG	SEISMIC GAP
PPC	PRECAST PANEL CONNECTION
GS	GIRDER SPLICE
BW	BEAM TO WALL CONNECTION
BLT	BOLT
RV	RIVET
WM	WELD METAL
FND	FOUNDATION





SEISMIC JOINT

LEGEND

PHASE 1 TESTING & VERIFICATION LOCATIONS

C-1-CW

MATERIAL

SAMPLE NUMBER

ELEMENT/TYPE

PHASE 2 TESTING & VERIFICATION LOCATIONS

C-#-CW (ALT)

COMPLETED & APPROVED TEST LOCATIONS AS PART OF SPC-2 TESTING

(P) C-#-CW (P)

COMPLETED TESTING AND VERIFICATION LOCATIONS AS PART OF PARTIAL MTCAP (S2401101-34-00)

C-#-CW (P)

MATERIAL LEGEND	
C	CONCRETE CORE
R	REINFORCING STEEL
S	STRUCTURAL STEEL
V	VERIFICATION / OBSERVATION

ELEMENT/TYPE LEGEND	
SS	STRUCTURAL SLAB
CW	CONCRETE WALL
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FND	FOUNDATION

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Office of Statewide Hospital Planning and Development
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S251130-34-00
Donald Harris

Project:
**UCDH MEDICAL CENTER
EAST WING TOWER &
EAST WING RADIOLOGY
MTCAP**

Sheet Title:
7TH FLOOR PLAN

Scale:
As indicated

Job Number:
C2953022.05

Drawn by:
GG

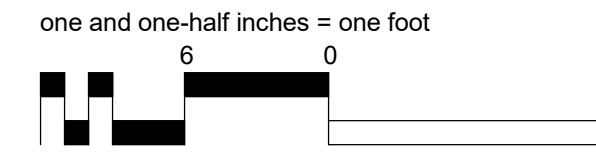
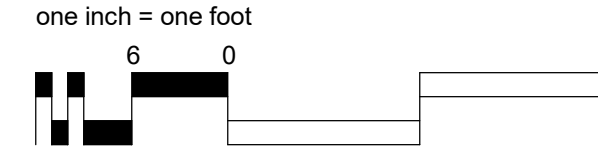
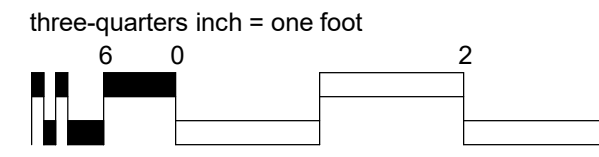
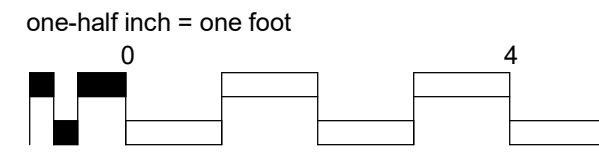
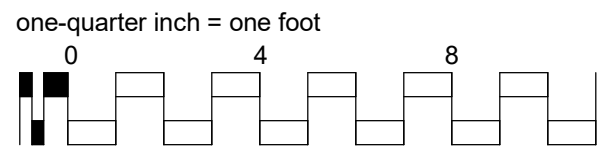
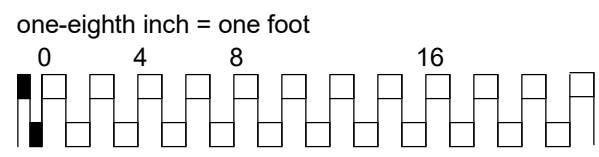
Design by:
ASH

Checked by:
MGA

Date:
07/10/2025

Drawing Number:
S307

of Sheets



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Revision

No.	Description	Date
A	HCAI Backcheck #1	08/25/2025

AUTHORITY HAVING JURISDICTION:

HCAI

AUTHORITY HAVING JURISDICTION'S PROJECT NO.

S251130-34-00

FACILITY NUMBER

10619

AGENCY APPROVALS:



Project:

UCDH MEDICAL CENTER
EAST WING TOWER &
EAST WING RADIOLOGY
MTCAP

Sheet Title:

8TH FLOOR PLAN

Scale: As indicated

Job Number: C2953022.05

Drawn by: GG

Design by: ASH

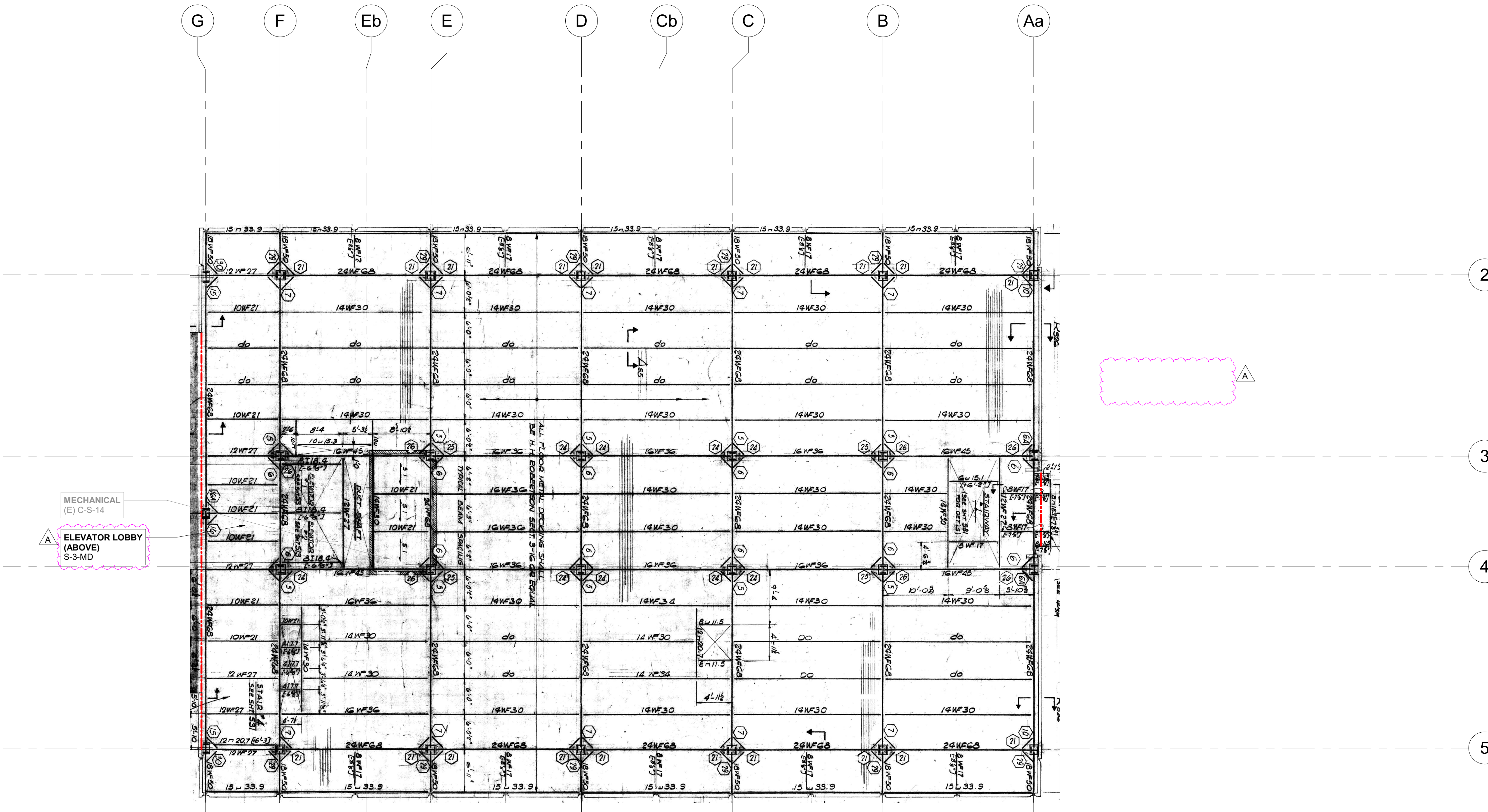
Checked by: MGA

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Drawing Number:

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of Sheets



SEISMIC JOINT

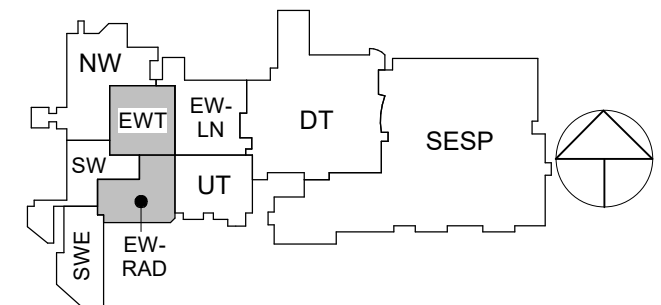
LEGEND
PHASE 1 TESTING & VERIFICATION LOCATIONS
C-1-CW
MATERIAL
SAMPLE NUMBER
ELEMENT/TYPE
PHASE 2 TESTING & VERIFICATION LOCATIONS
C-#-CW (ALT)

COMPLETED & APPROVED TEST LOCATIONS AS PART OF SPC-2 TESTING
(P) C2-40-1

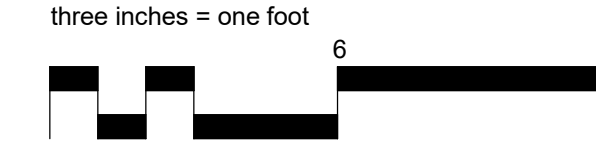
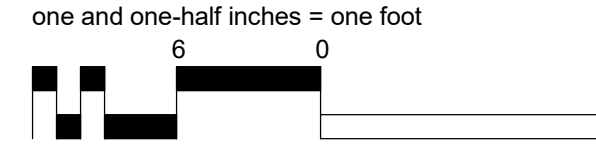
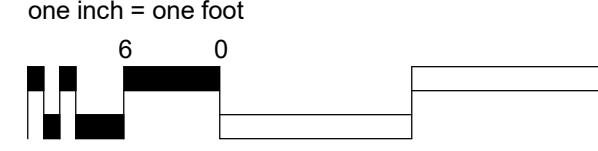
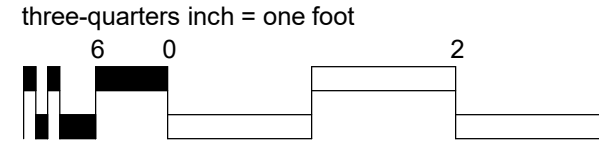
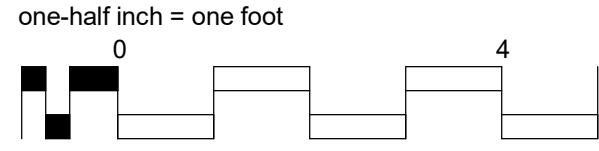
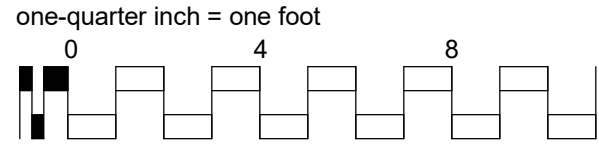
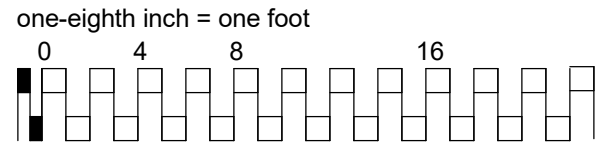
COMPLETED TESTING AND VERIFICATION LOCATIONS AS PART OF PARTIAL MTCAP (S2401101-34-00)
C-#-CW (P)

MATERIAL LEGEND	
C	CONCRETE CORE
R	REINFORCING STEEL
S	STRUCTURAL STEEL
V	VERIFICATION / OBSERVATION

ELEMENT/TYPE LEGEND	
SS	STRUCTURAL SLAB
CW	CONCRETE WALL
BM	BEAM
CL	COLUMN
MD	METAL DECK
DW	DIAPHRAGM-WALL CONNECTION
SW	SLAB TO WALL CONNECTION
MC	MOMENT CONNECTION
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SG	SEISMIC GAP
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GS	GIRDER SPLICE
BW	BEAM TO WALL CONNECTION
BLT	BOLT
RV	RIVET
WM	WELD METAL
FND	FOUNDATION



8/25/2025 12:06:24 PM Autodesk Docs://C2953022.05 - UCDH East Wing and EW Radiology MTCAP/C2953022.05_UCDH EWT - Radiology_MTCAP - FULL_S24.rvt



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Revision

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A	HCAI Backcheck #1	08/25/2025

AUTHORITY HAVING JURISDICTION:

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AUTHORITY HAVING JURISDICTION'S PROJECT NO.

S251130-34-00

FACILITY NUMBER

10619

AGENCY APPROVALS:



Project:

UCDH MEDICAL CENTER
EAST WING TOWER &
EAST WING RADIOLOGY
MTCAP

Sheet Title:

8TH FLOOR
ARCHITECTURAL PLAN

Scale: As indicated

Job Number: C2953022.05

Drawn by: GG

Design by: ASH

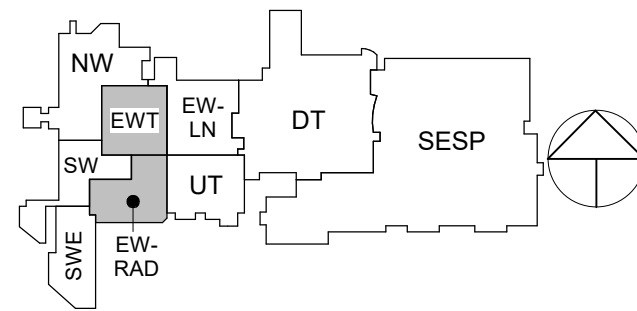
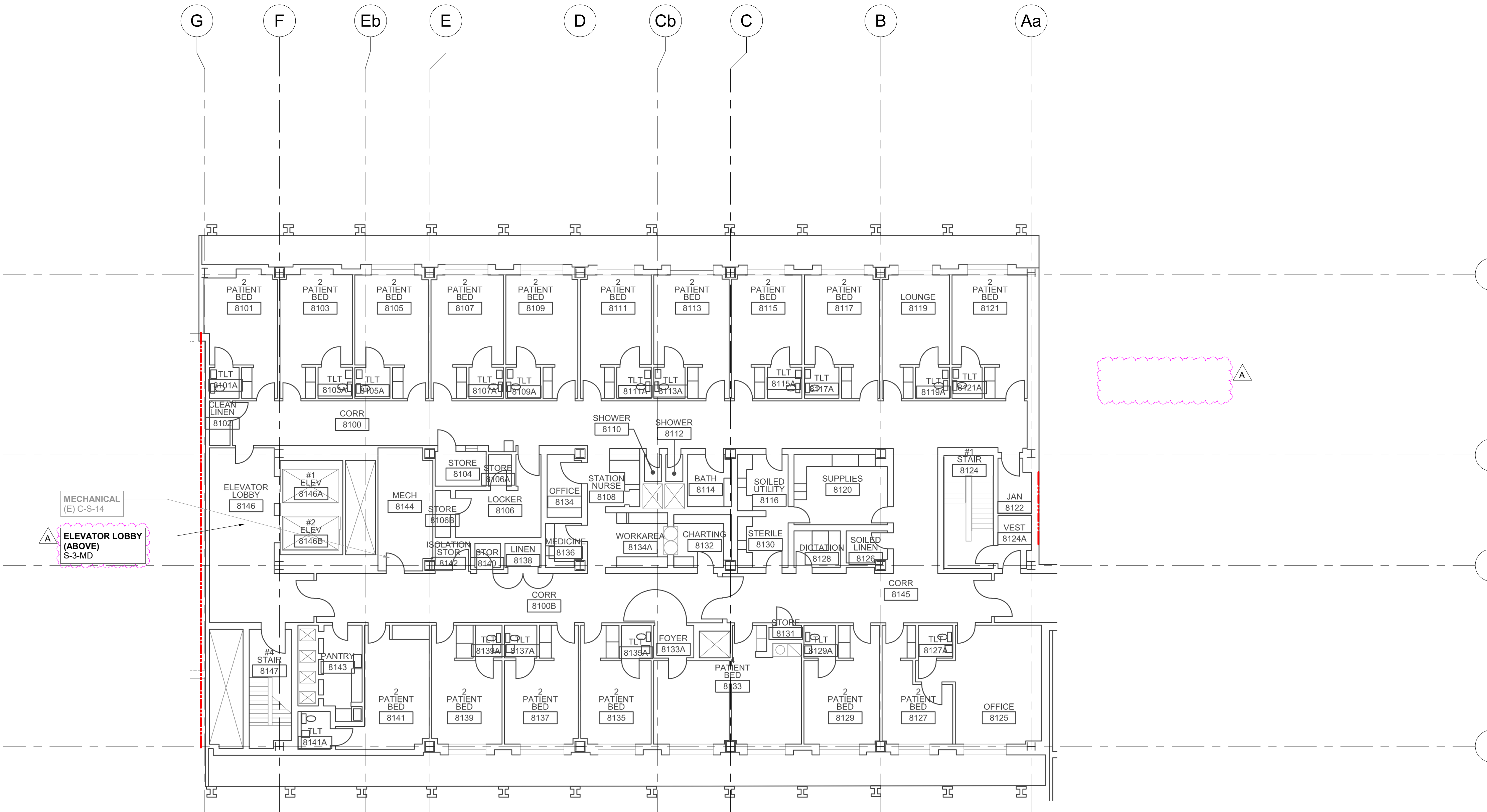
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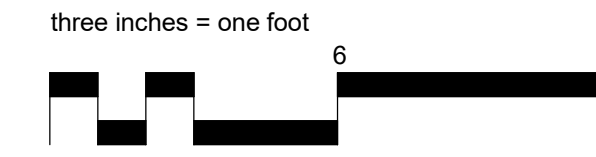
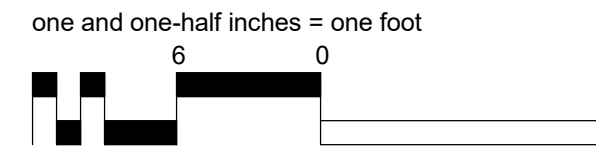
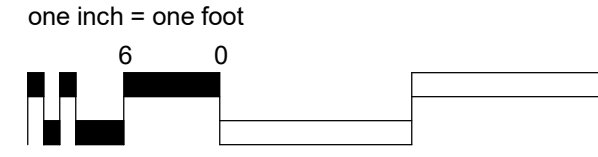
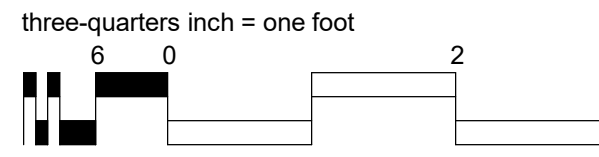
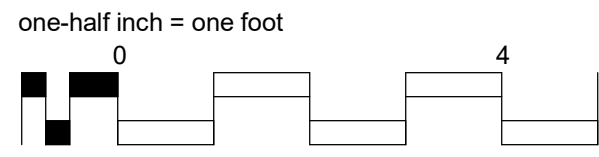
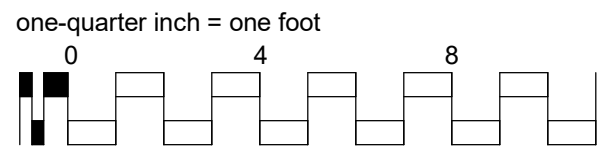
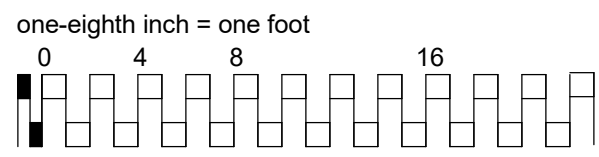
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FACILITY NUMBER

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Project:

UCDH MEDICAL CENTER
EAST WING TOWER &
EAST WING RADIOLOGY
MTCAP

Sheet Title:

9TH FLOOR PLAN

Scale: As indicated

Job Number: C2953022.05

Drawn by: GG

Design by: ASH

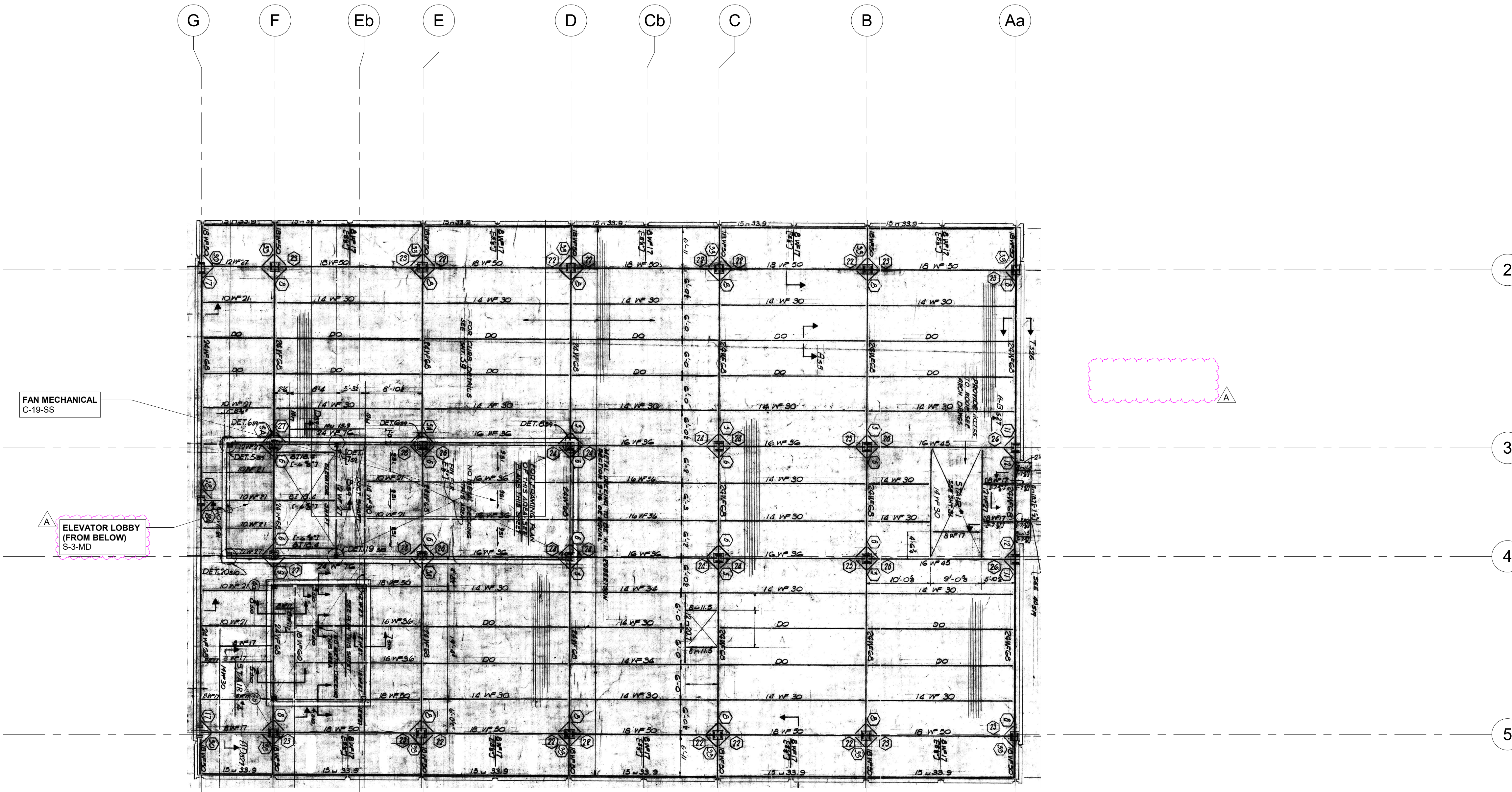
Checked by: MGA

Date: 07/10/2025

Drawing Number:

S309

of Sheets



SEISMIC JOINT

LEGEND

PHASE 1 TESTING &
VERIFICATION LOCATIONS

C-1-CW

MATERIAL

SAMPLE NUMBER

ELEMENT/TYPE

PHASE 2 TESTING &
VERIFICATION LOCATIONS

C-#-CW (ALT)

COMPLETED & APPROVED
TEST LOCATIONS AS PART
OF SPC-2 TESTING

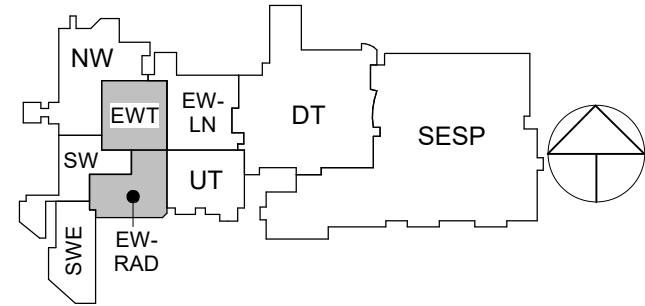
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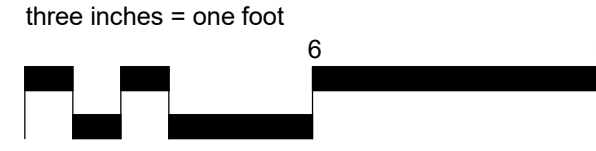
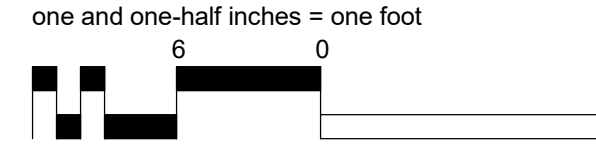
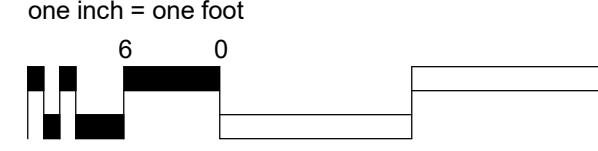
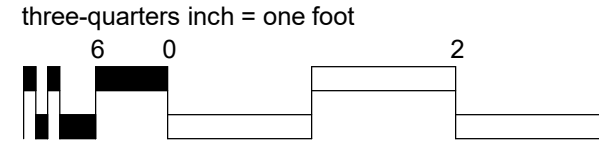
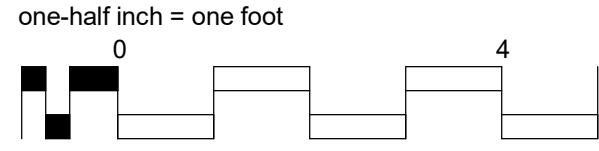
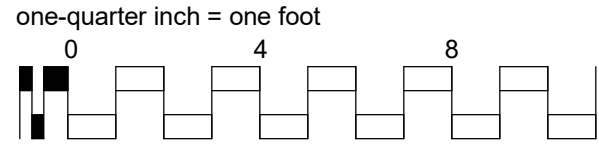
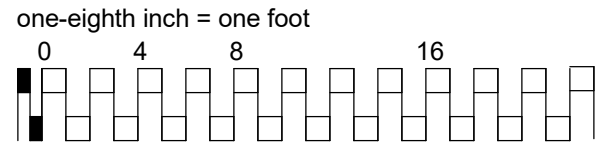
COMPLETED TESTING AND
VERIFICATION LOCATIONS
AS PART OF PARTIAL MTCAP (S2401101-34-00)

C-#-CW (P)

MATERIAL LEGEND	
C	CONCRETE CORE
R	REINFORCING STEEL
S	STRUCTURAL STEEL
V	VERIFICATION / OBSERVATION

ELEMENT/TYPE LEGEND	
SS	STRUCTURAL SLAB
CW	CONCRETE WALL
BM	BEAM
CL	COLUMN
MD	METAL DECK
DW	DIAPHRAGM-WALL CONNECTION
SW	SLAB TO WALL CONNECTION
MC	MOMENT CONNECTION
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CB	COLUMN BASE
SG	SEISMIC GAP
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GS	GIRDER SPLICE
BW	BEAM TO WALL CONNECTION
BLT	BOLT
RV	RIVET
WM	WELD METAL
FND	FOUNDATION





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A	HCAI Backcheck #1	08/25/2025

AUTHORITY HAVING JURISDICTION:

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AUTHORITY HAVING JURISDICTION'S PROJECT NO.

S251130-34-00

FACILITY NUMBER

10619

AGENCY APPROVALS:



Project:

UCDH MEDICAL CENTER
EAST WING TOWER &
EAST WING RADIOLOGY
MTCAP

Sheet Title:

9TH FLOOR
ARCHITECTURAL PLAN

Scale: As indicated

Job Number: C2953022.05

Drawn by: GG

Design by: ASH

Checked by: MGA

Date: 07/10/2025

Drawing Number:

S309A

of Sheets

----- SEISMIC JOINT

LEGEND

PHASE 1 TESTING & VERIFICATION LOCATIONS

C-1-CW

MATERIAL

SAMPLE NUMBER

ELEMENT/TYPE

PHASE 2 TESTING & VERIFICATION LOCATIONS

C-#-CW (ALT)

COMPLETED & APPROVED TEST LOCATIONS AS PART OF SPC-2 TESTING

(P) CC-W-1

COMPLETED TESTING AND VERIFICATION LOCATIONS AS PART OF PARTIAL MTCAP (S2401101-34-00)

C-#-CW (P)

MATERIAL LEGEND

C CONCRETE CORE

R REINFORCING STEEL

S STRUCTURAL STEEL

V VERIFICATION / OBSERVATION

ELEMENT/TYPE LEGEND

SS STRUCTURAL SLAB

CW CONCRETE WALL

BM BEAM

CL COLUMN

MD METAL DECK

DW DIAPHRAGM-WALL CONNECTION

SW SLAB TO WALL CONNECTION

MC MOMENT CONNECTION

CS COLUMN SPLICE

CB COLUMN BASE

SG SEISMIC GAP

PPC PRECAST PANEL CONNECTION

GS GIRDER SPLICE

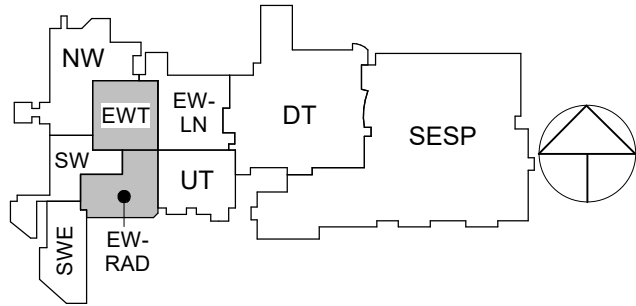
BW BEAM TO WALL CONNECTION

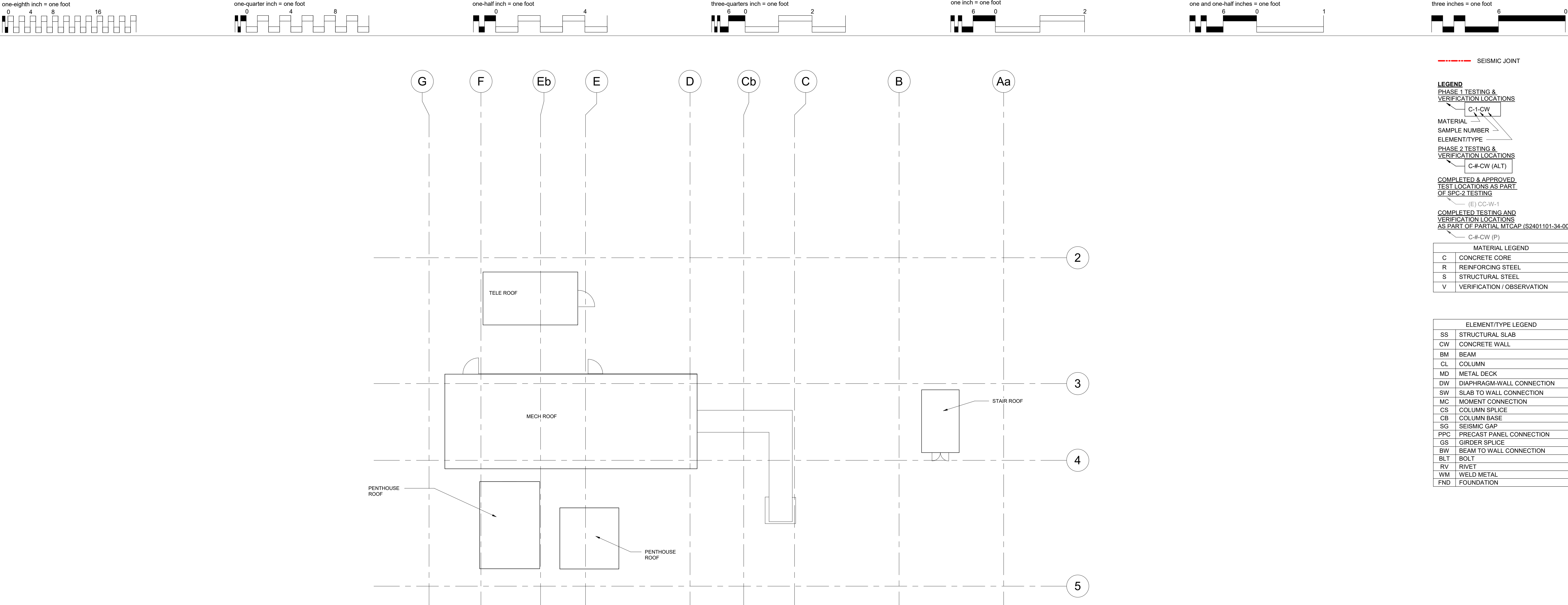
BLT BOLT

RV RIVET

WM WELD METAL

FND FOUNDATION





----- SEISMIC JOINT

LEGEND

PHASE 1 TESTING & VERIFICATION LOCATIONS

C-1-CW

MATERIAL

SAMPLE NUMBER

ELEMENT/TYPE

PHASE 2 TESTING & VERIFICATION LOCATIONS

C-#-CW (ALT)

COMPLETED & APPROVED TEST LOCATIONS AS PART OF SPC-2 TESTING

(P) CC-W-1

COMPLETED TESTING AND VERIFICATION LOCATIONS AS PART OF PARTIAL MTCAP (S2401101-34-00)

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REGISTERED PROFESSIONAL ENGINEER
MICHAEL G. ALLEY
No. S 5414
Exp. Date
STRUCTURAL
STATE OF CALIFORNIA

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S251130-34-00

FACILITY NUMBER
10619

AGENCY APPROVALS:

REVIEWED IN ACCORDANCE WITH THE REQUIREMENTS OF T24, CGR

APPROVED

Department of Health Care Access and Information
Office of Statewide Hospital Planning and Development
9/11/2025, 9:01:54 AM
S251130-34-00
Donald Harris

Project:
**UCDH MEDICAL CENTER
EAST WING TOWER &
EAST WING RADIOLOGY
MTCAP**

Sheet Title:
**HIGH ROOF
ARCHITECTURAL FLOOR
PLAN**

Scale: As indicated

Job Number: C2953022.05

Drawn by: GG

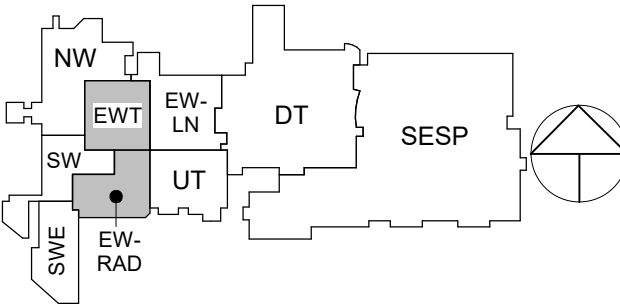
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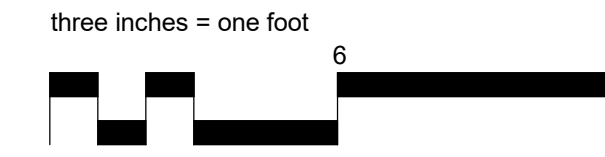
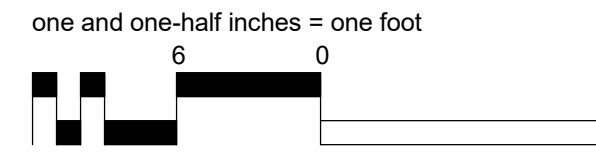
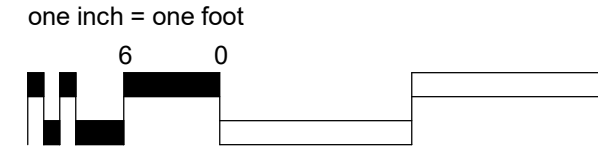
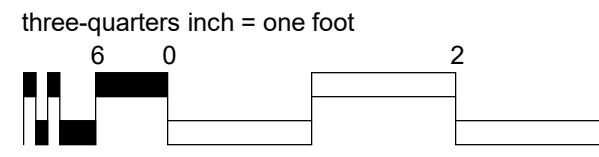
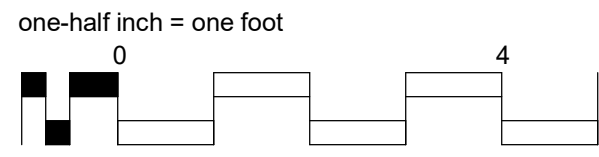
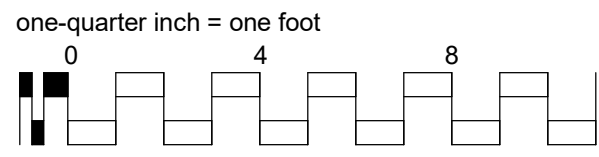
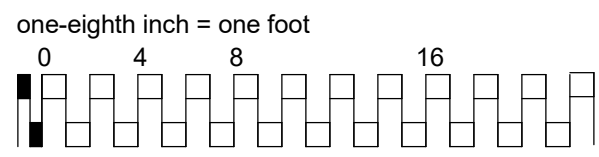
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Date: 07/10/2025

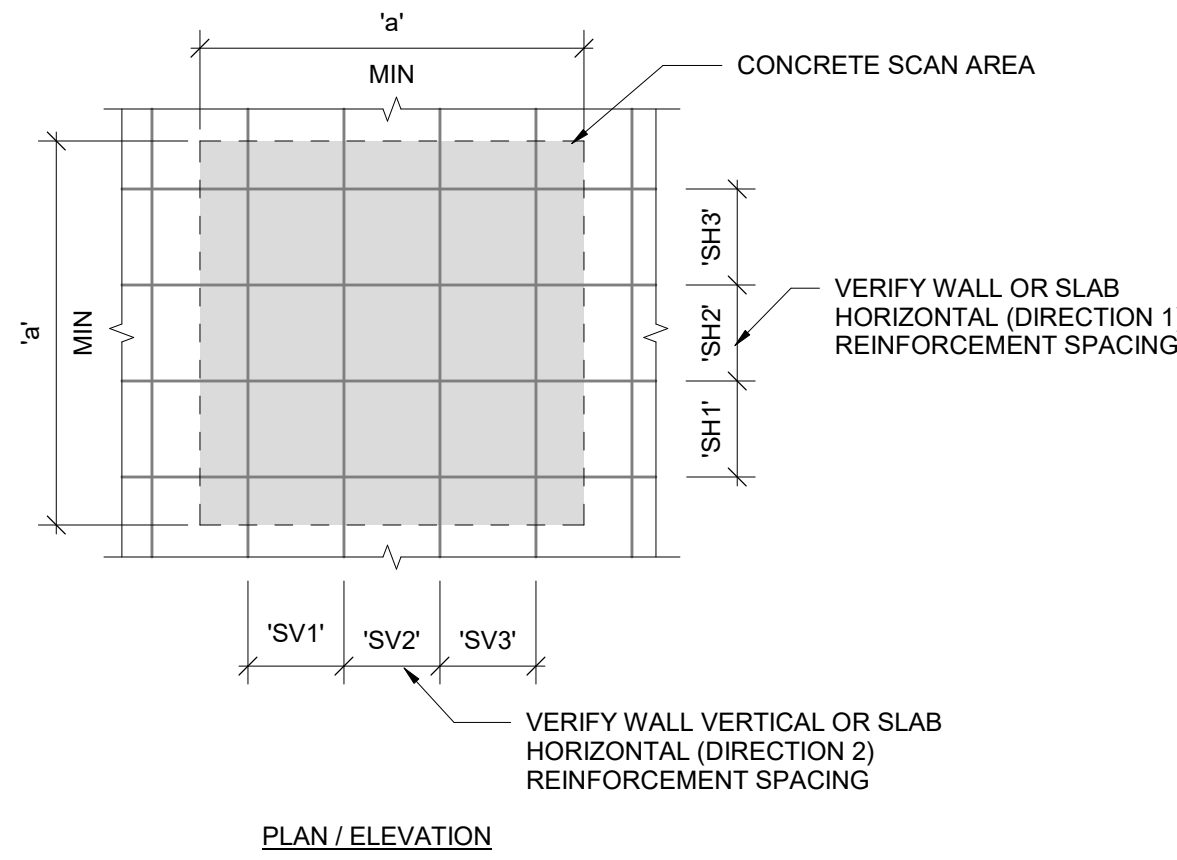
Drawing Number:

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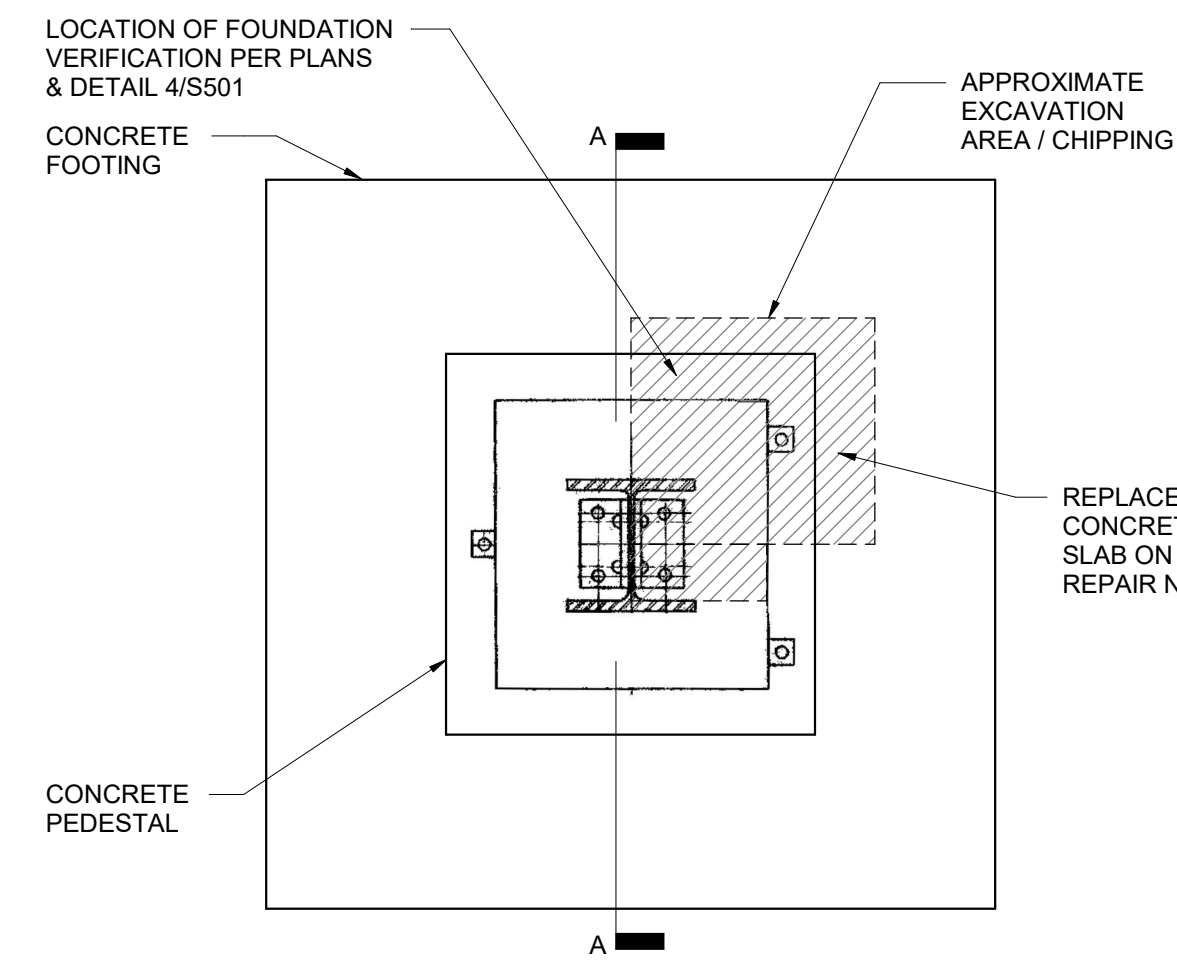


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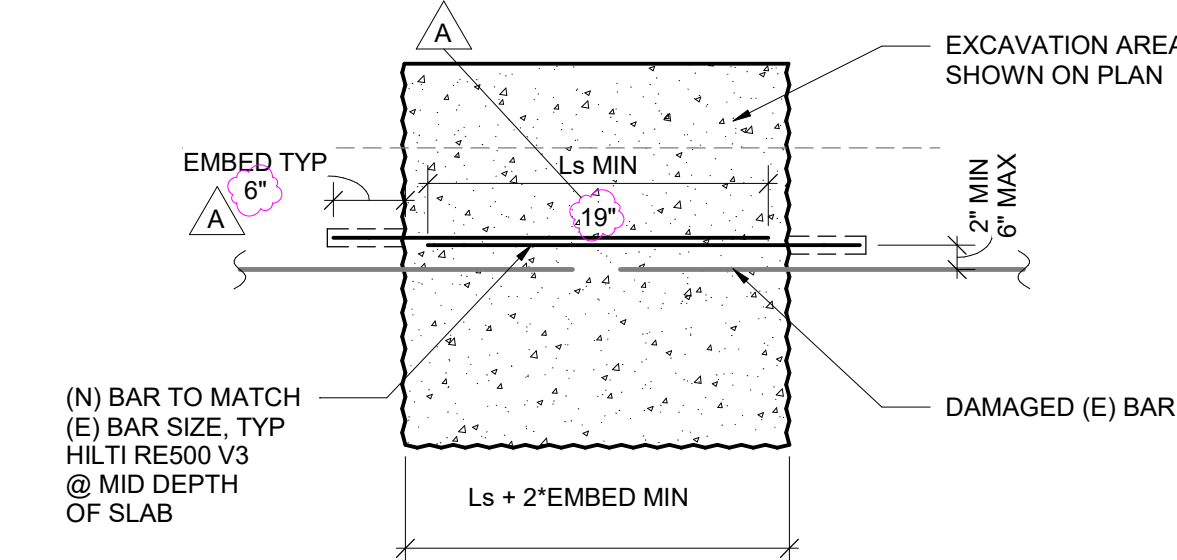
- NOTES:
1. USE NON-DESTRUCTIVE SCANNING TO DETERMINE REINFORCEMENT SPACING.
 2. VERIFICATION "SPACING" IS THE AVERAGE OF 'SH1', 'SH2', AND 'SH3' OR 'SV1', 'SV2', AND 'SV3'.

17 TYP CONCRETE WALL OR SLAB REINFORCEMENT SPACING NTS



- NOTES:
1. DO NOT DAMAGE BARS UNLESS REQUIRED FOR ACCESS TO FOUNDATION.
 2. DOCUMENT BAR LOCATIONS PRIOR TO CUTTING BARS.
 3. SEE PARALLEL AND PERPENDICULAR BAR REPAIR BELOW FOR REPAIR OF DAMAGED BARS. DO NOT DAMAGE DIAGONAL BARS PER 4/S501.

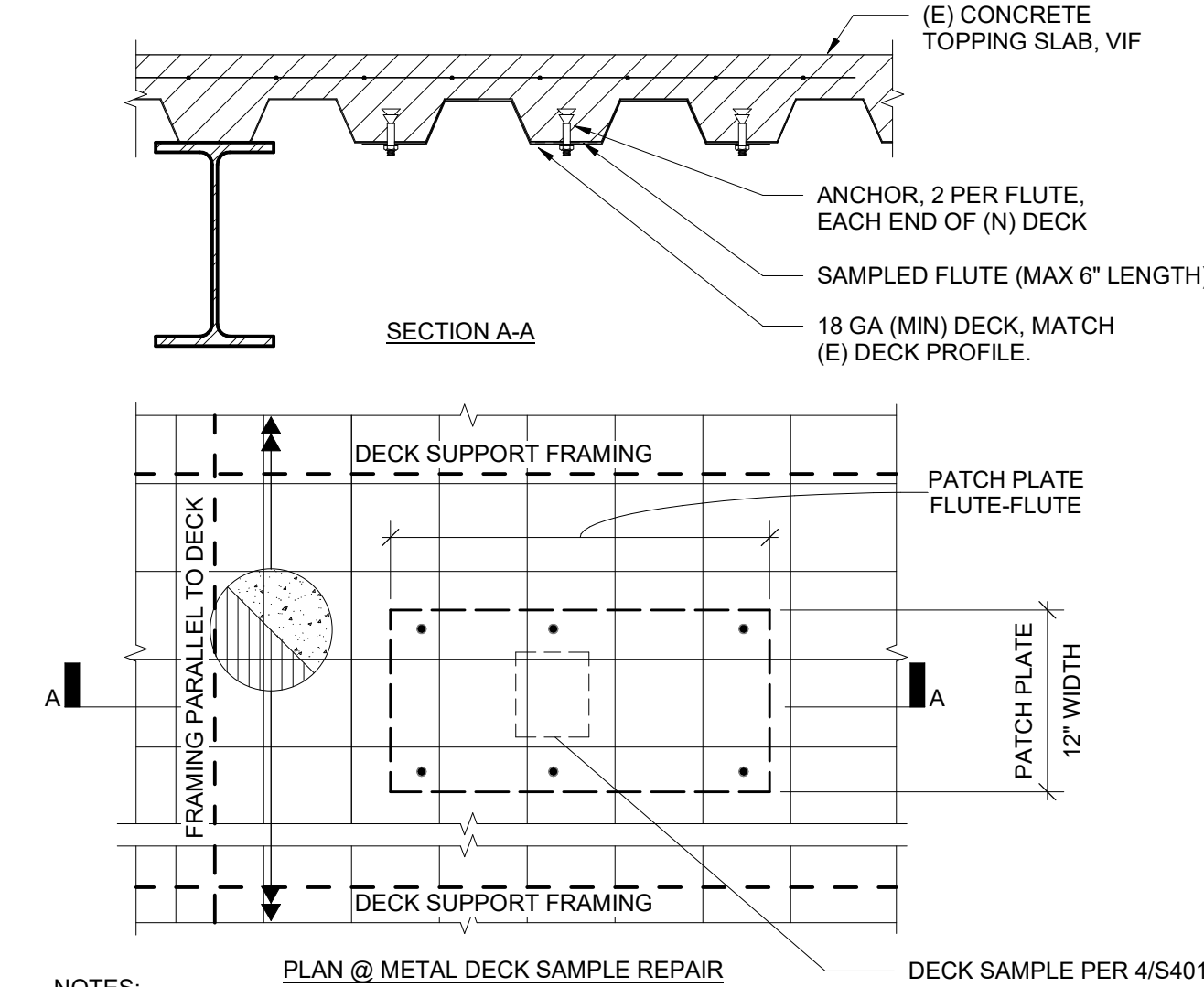
PLAN



PARALLEL & PERPENDICULAR BAR REPAIR

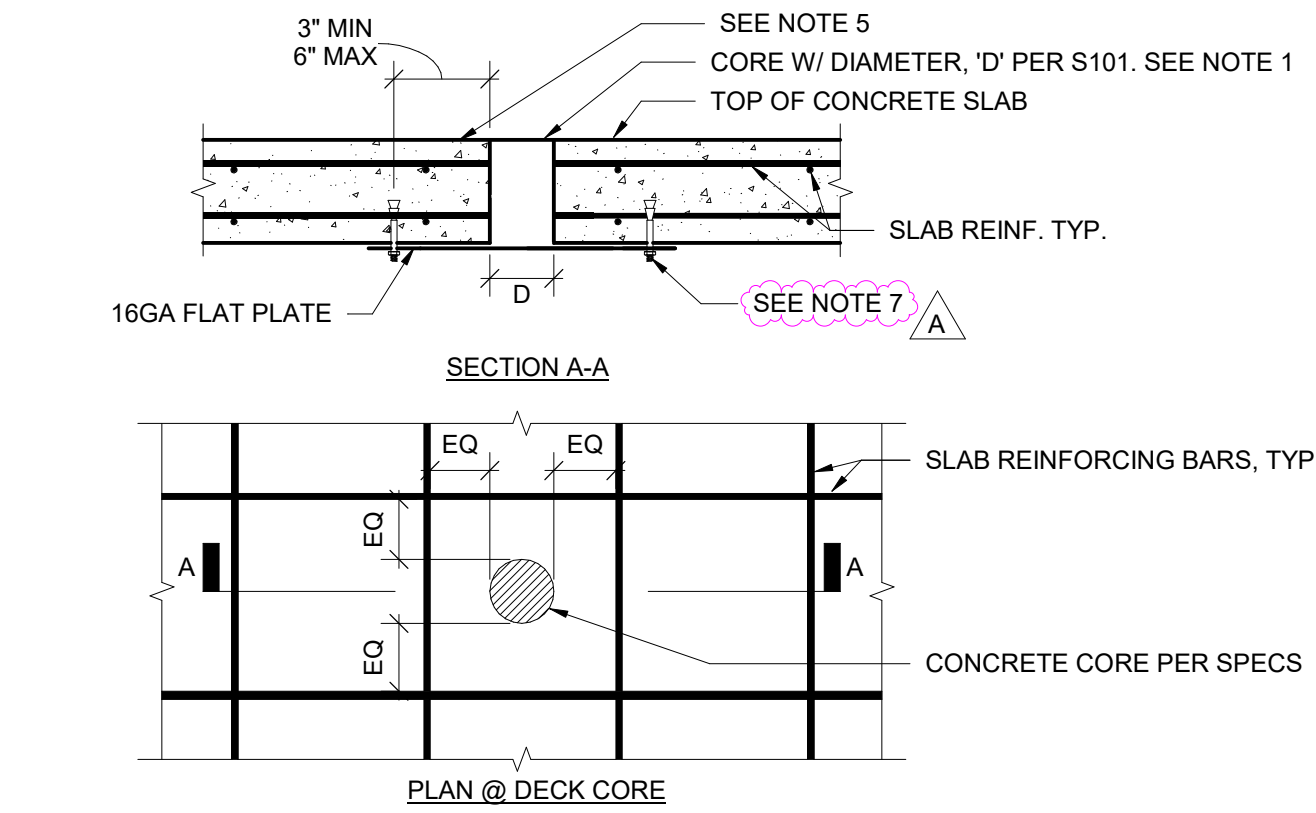
- NOTES:
1. SINGLE PARALLEL BAR SHOWN FOR SIMPLICITY. ALL DAMAGED BARS TO BE REPAIRED. PERPENDICULAR BARS NOT SHOWN. DETAIL APPLIES FOR BARS IN BOTH DIRECTIONS.
 2. (E) BARS MAY BE REPAIRED WITH COUPLER OR WELD PER 3/S401 AT CONTRACTORS OPTION.

19 SOG AND BLOCKOUT REPAIR 3/4" = 1'-0"



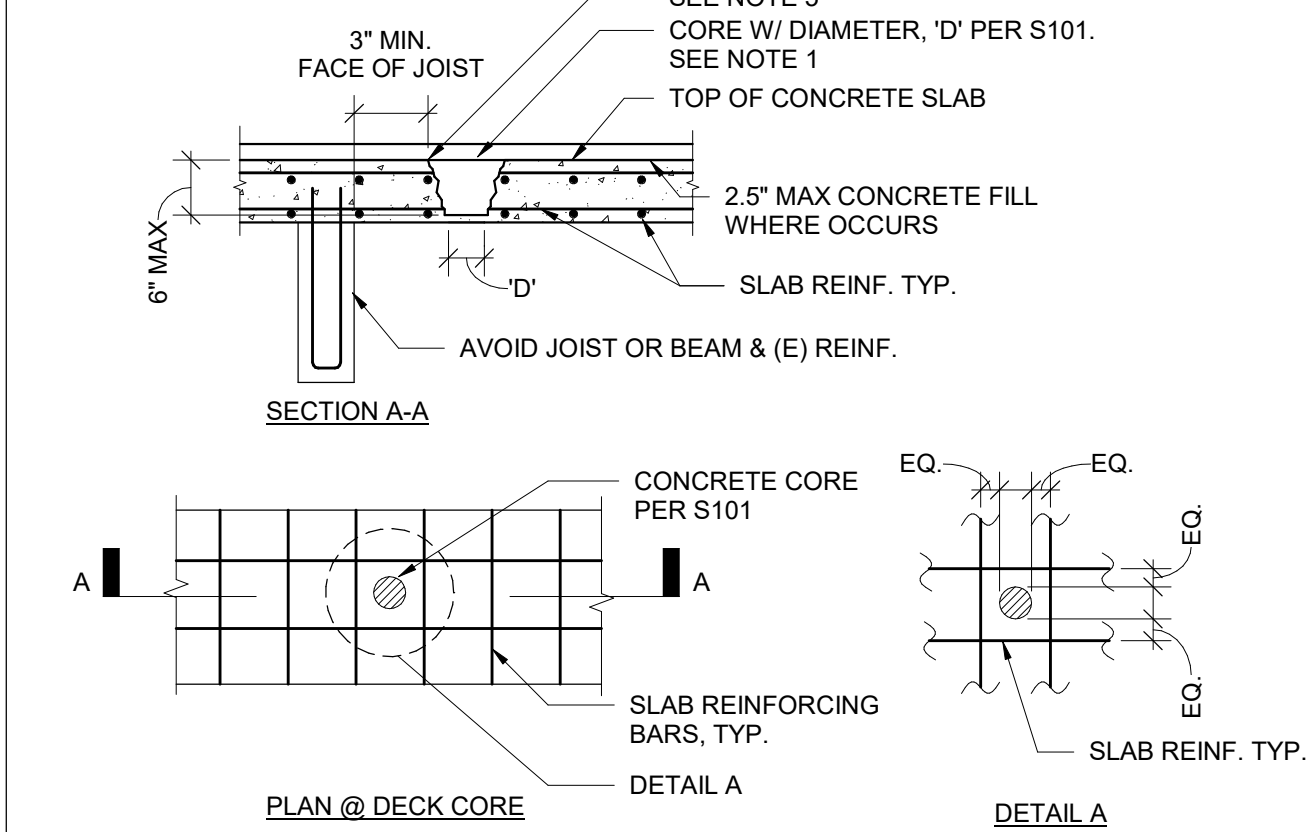
- NOTES:
1. USE 1/4" Ø HILTI KB T22 WITH 1.5" MIN EFFECT. EMBED FOR CONNECTIONS THROUGH SHEET METAL INTO (E) CONCRETE. INSTALL PER ICC ESR-4266. TORQUE TEST 50% OF ANCHORS TO 4 FT-LBS.

5 TYP REPAIR OF TOPPED METAL DECK SPECIMEN NTS



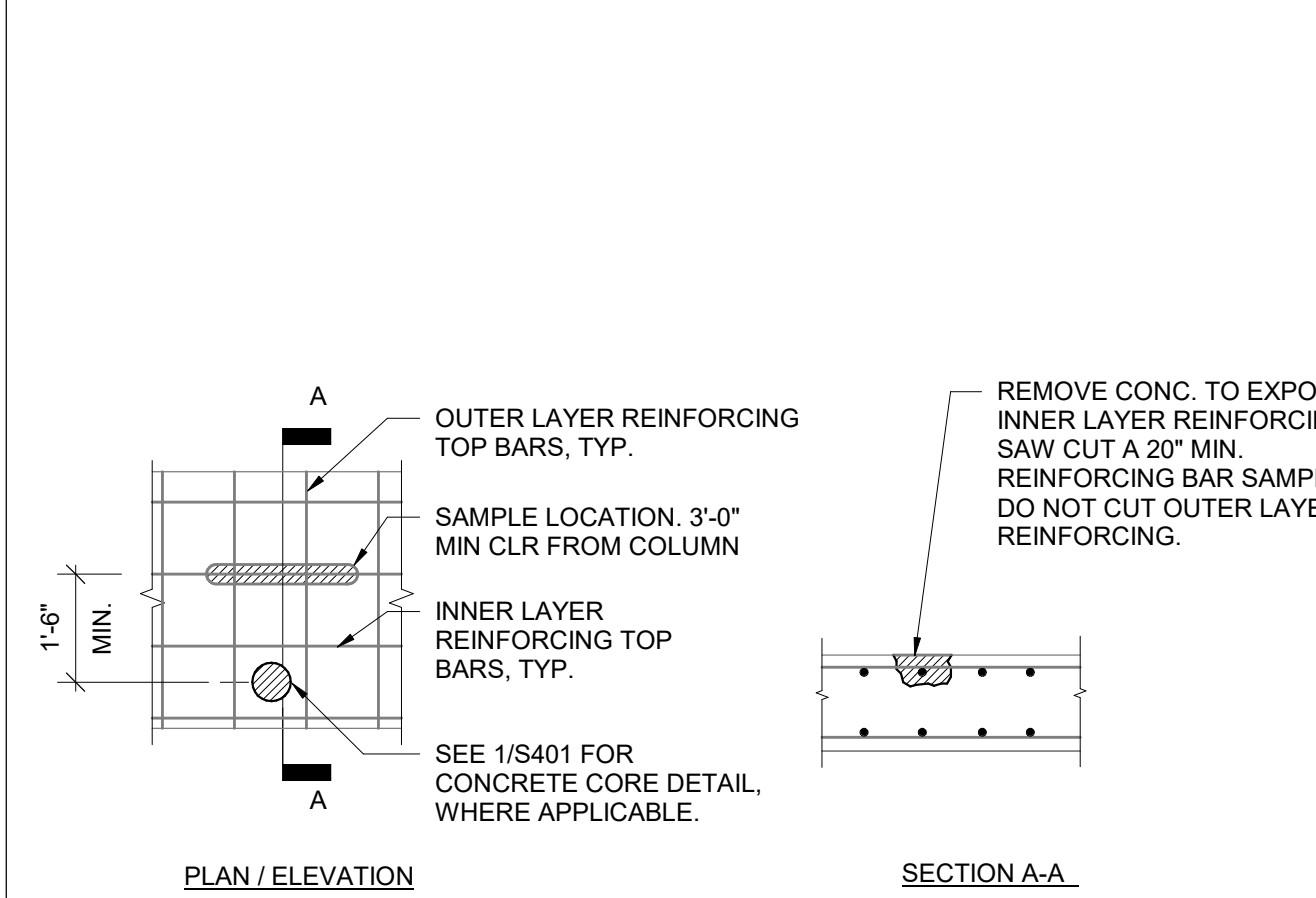
- NOTES:
1. LOCATE JOISTS & BEAMS PRIOR TO REMOVING CONC. CORE SAMPLE.
 2. LOCATE ALL JOIST & SLAB REINFORCING PRIOR TO REMOVING CONC. CORE SAMPLE.
 3. DO NOT DAMAGE OR CUT (E) SLAB REINFORCING. POSITION CORE IN CENTER OF REINFORCEMENT GRID WITH EQUAL SPACING ALL AROUND CORE. 1" MINIMUM CLEARANCE TO BAR, TYP.
 4. DO NOT CORE AT JOIST/BEAM LOCATIONS.
 5. FOR REPAIR, FILL VOID WITH NON-SHRINK GROUT PER S101, FINISH SURFACE ELEVATION FLUSH WITH ORIGINAL SLAB SURFACE.
 6. AT FLAT SLAB OR WHERE DECK SECTION IS NOT AVAILABLE, 16 GA FLAT PLATE MAY BE USED.
 7. CONNECT PLATE W/ 3/8"Ø HILTI KB T22 W/ 2" MIN EMBED. USE 4 ANCHORS PER PATCH.

6 CONCC CORES THROUGH SLAB THICKNESS NTS



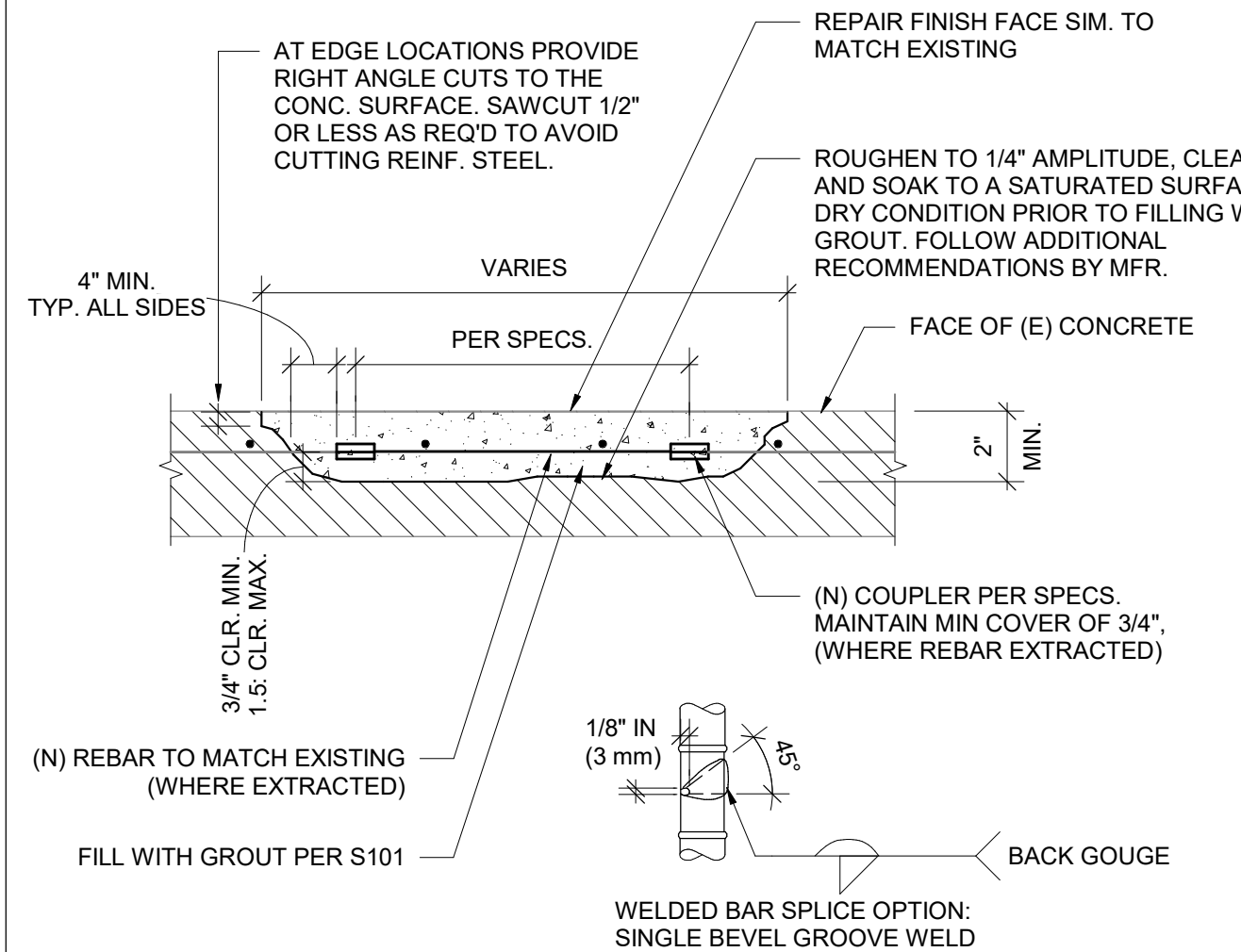
- NOTES:
1. LOCATE JOISTS & BEAMS PRIOR TO REMOVING CONC. CORE SAMPLE.
 2. LOCATE ALL JOIST & SLAB REINFORCING PRIOR TO REMOVING CONC. CORE SAMPLE.
 3. DO NOT DAMAGE OR CUT (E) SLAB REINFORCING. POSITION CORE IN CENTER OF REINFORCEMENT GRID WITH EQUAL SPACING ALL AROUND CORE. 1" MINIMUM CLEARANCE TO BAR, TYP.
 4. DO NOT CORE AT JOIST/BEAM LOCATIONS.
 5. OPENING TO BE ENLARGED AT 3:1 (V:H) VIA CHIPPING AS SHOWN PRIOR TO PLACING GROUT PATCH. FOR CORES THROUGH THE SLAB THICKNESS (LESS THAN 8 INCHES), SEE DETAIL 6/S401.
 6. FOR REPAIR, FILL VOID WITH NON-SHRINK GROUT PER S101, FINISH SURFACE FLUSH W/ ORIGINAL SURFACE SLAB.
 7. CONCRETE CORE AT SLAB ON GRADE SIM.

1 CONCC. CORES SLAB & FOUNDATION NTS



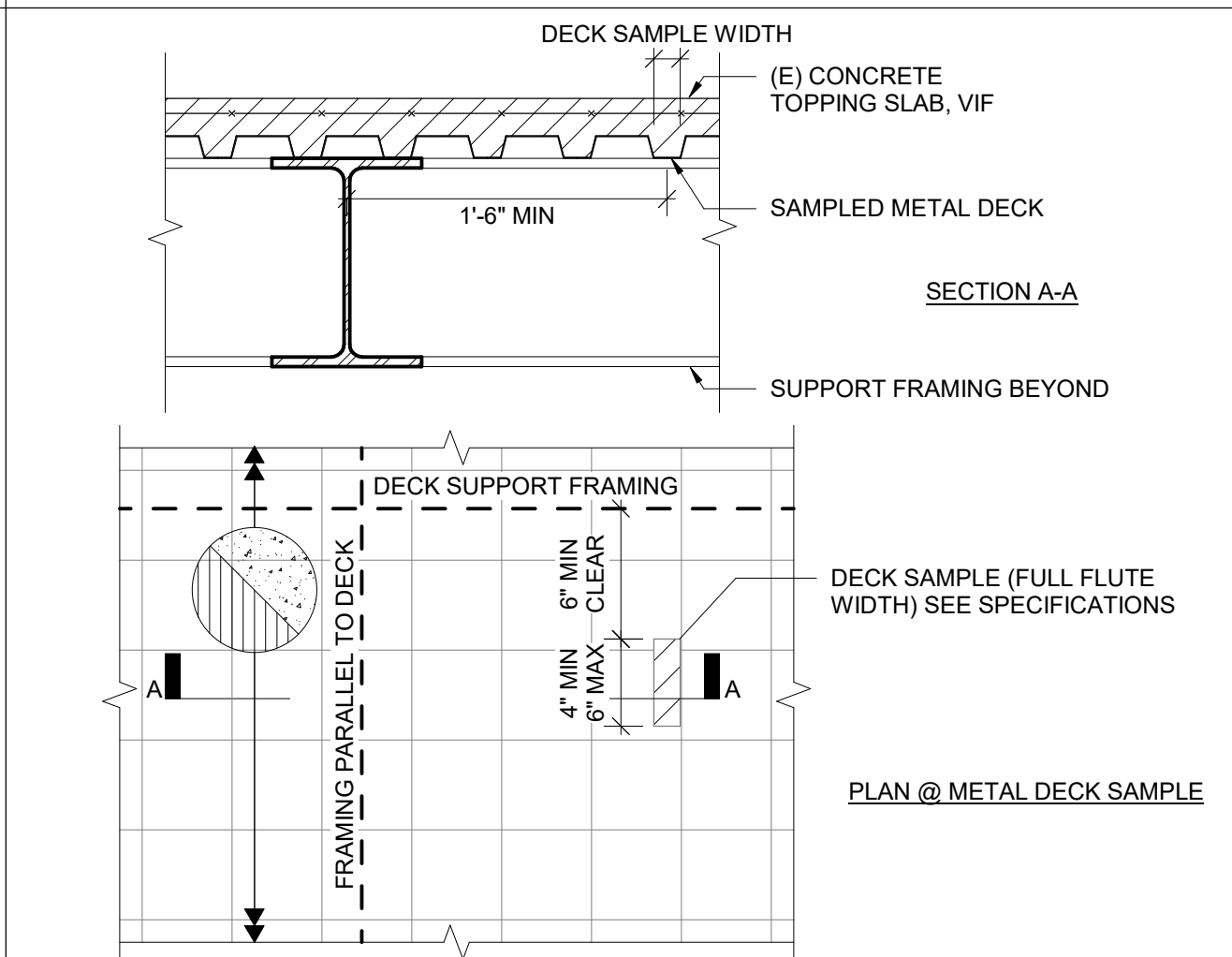
- NOTES:
1. FOR REPAIR, SEE DETAIL 3/S401 FINISH SURFACE FLUSH W/ ORIGINAL SURFACE OF CONCRETE.

2 TYP REMOVAL OF REBAR SPECIMEN NTS



- NOTES:
1. DETAIL SIMILAR FOR WALL CONCRETE AND REBAR REPAIR.
 2. WELDED REBAR ALTERNATE OPTION PERMITTED AT CONTRACTORS OPTION, PROVIDED CHEMICAL TESTING IS DONE TO DOCUMENT WELD ABILITY OF EXISTING REINFORCING.

3 TYP. REPAIR OF CONCC & REBAR NTS



- NOTES:
1. CONFIRM MINIMUM SAMPLE SIZE WITH TESTING LAB PRIOR TO SAMPLE REMOVAL.
 2. ACCESS METAL DECK FROM LEVEL BELOW.
 3. CUT METAL DECK SAMPLE AND SEPERATE FROM CONCRETE.
 4. TAKE SAMPLE 1'-6" MIN CLEAR FROM PARALLEL, JOIST/BEAM AND 6" MIN CLEAR FROM PERPENDICULAR JOIST/BEAM LOCATIONS.
 5. FOR REPAIR SEE 5/S401.

4 TYP REMOVAL OF TOPPED METAL DECK SPECIMEN NTS

OWNER:

UC DAVIS HEALTH

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SEALS AND SIGNATURES



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SEALS AND SIGNATURES

Revision

No.	Description	Date
A	HCAI Backcheck #1	08/25/2025

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HCAI

AUTHORITY HAVING JURISDICTION'S PROJECT NO.

S251130-34-00

FACILITY NUMBER

10619

AGENCY APPROVALS:



Project:

UCDH MEDICAL CENTER
EAST WING TOWER &
EAST WING RADIOLOGY
MTCAP

Sheet Title:

MATERIAL TESTING
TYPICAL DETAILS &
REPAIRS

Scale: As indicated

Job Number: C2953022.05

Drawn by: CMS

Design by: CMS

Checked by: MAV

Date: 07/10/2025

Drawing Number:

S401

of Sheets

