



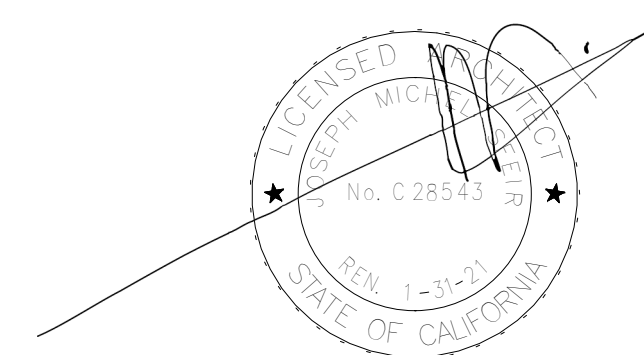
TCMC MRI

Tri-City Medical Center

4002 VISTA WAY
OCEANSIDE CA,
92056

100% CONSTRUCTION DOCUMENTS 3/11/2020

- △ DELTA 1 OSHPD COMMENTS 8/3/2020
- △ DELTA 2 DESIGN CHANGES 8/10/2020
- △ DELTA 3 OSHPD COMMENTS 10/2/2020
- △ DELTA 4 OSHPD COMMENTS 11/24/2020
- △ DELTA 5 DESIGN CHANGES 11/24/2020
- △ ACD 001 DELTA 6 DESIGN CHANGES 4/10/2021



ARCHITECTURE:

S F E I R
ARCHITECTS

5151 Shoreham Place, Suite 265
San Diego, CA 92122

P: 619-299-3917
F: 619-299-5084
www.sfeirarch.com

STRUCTURAL ENGINEER:

**MIYAMOTO
INTERNATIONAL, INC.**

5550 Baltimore Drive, Suite 100
La Mesa, CA 91942

P: 858-457-3001

MECHANICAL & PLUMBING ENGINEERS:

**SHADPOUR CONSULTING
ENGINEERS, INC.**

17075 Via Del Campo
San Diego, CA 92127

P: 858-946-0333

ELECTRICAL ENGINEER:

AG DESIGN

171 S. Anita Dr. Suite 111
Orange, CA 92668

P: 714-769-9900 Ext 201

MRI SHIELDING:

MRI CORPORATION

3554 Buisness Park Dr., Ste B
Costa Mesa, CA 92626

P: 714-545-7700

INTERIOR DESIGNER:

ISLEY DESIGN & PLANNING

1982 Palsero Avenue
Escondido, CA 92029

P: 760-484-0455

OSHPD PROJECT NUMBER:

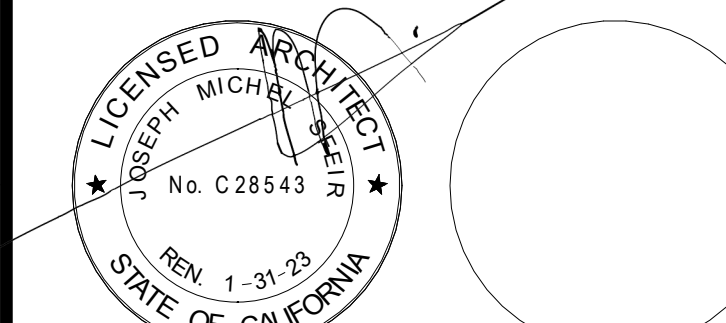
S200813-37-00

TCMC MRI

Tri-City Medical
Center

4002 VISTA WAY
OCEANSIDE CA, 92056

- OWNER: TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056
TEL(760)940-7709
- ARCHITECT: SFEIR ARCHITECTS
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TEL(619)299-3917
- STRUCTURAL: MIYAMOTO INTERNATIONAL, INC.
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LA MESA, CA 91942
TEL(858)457-3001
- MECHANICAL & PLUMBING: SC ENGINEERS, INC.
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ESCONDIDO, CA 92029
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1	OSHPD COMMENTS	8/3/2020
2	DESIGN CHANGES	8/10/2020
3	OSHPD COMMENTS	10/2/2020
4	OSHPD COMMENTS	11/24/2020
5	DESIGN CHANGES	11/24/2020
6	ACD 0001 DESIGN CHANGES	4/14/2021

REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

SHEET TITLE:
SITE - ZONING CODE

PROJECT TITLE:
TCMC MRI

PROJECT # 01907.01
DRAWN BY: WHK
CHECKED BY: Checker
SCALE: PER TITLE
DATE: 3/11/2020

SHEET NUMBER:
A0-01

GENERAL NOTES:

1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
2. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.

CODE COMPLIANCE LEGEND:

- △ ACCESSIBLE PATH OF TRAVEL.
- EGRESS PATH OF TRAVEL.

AREA OF WORK
FIRST FLOOR

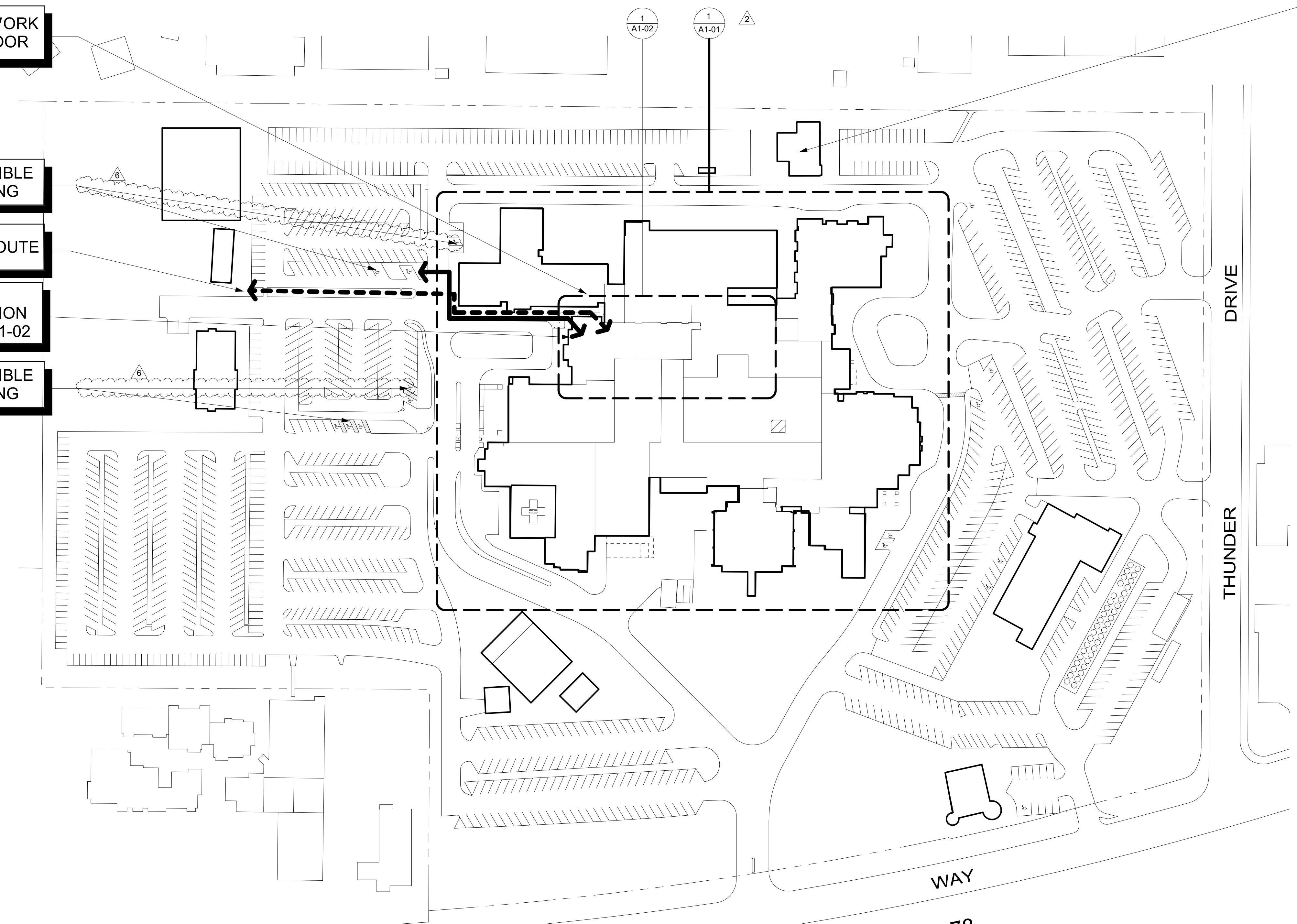
ACCESSIBLE
PARKING

EGRESS ROUTE

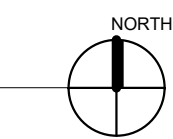
SEE
CONTINUATION
ON SHEET A1-02

ACCESSIBLE
PARKING

EXISTING MRI
BUILDING



1 Site
1" = 80'-0"



TCMC MRI

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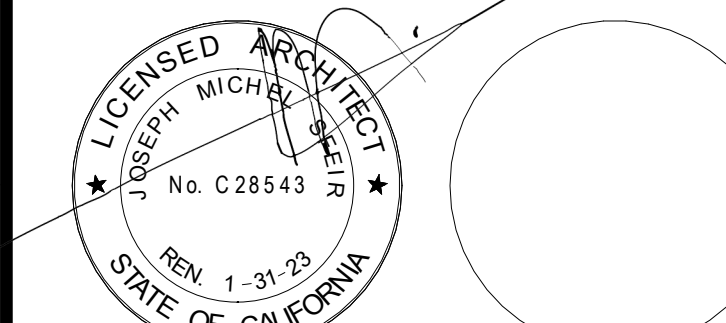
STRUCTURAL: MIYAMOTO INTERNATIONAL, INC.
5550 BALTIMORE DRIVE, SUITE 100
LA MESA, CA 91942
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MECHANICAL & PLUMBING: SC ENGINEERS, INC.
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1	OSHPD COMMENTS	8/3/2020
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3	OSHPD COMMENTS	10/2/2020
4	OSHPD COMMENTS	11/24/2020
5	DESIGN CHANGES	11/24/2020
6	ACD 0001 DESIGN CHANGES	4/14/2021

REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

SHEET TITLE:
**OVERALL FIRST FLOOR
PLAN**

PROJECT TITLE:
TCMC MRI

PROJECT # 01907.01
DRAWN BY: WK
CHECKED BY: EL
SCALE: PER TITLE
DATE: 3/11/2020

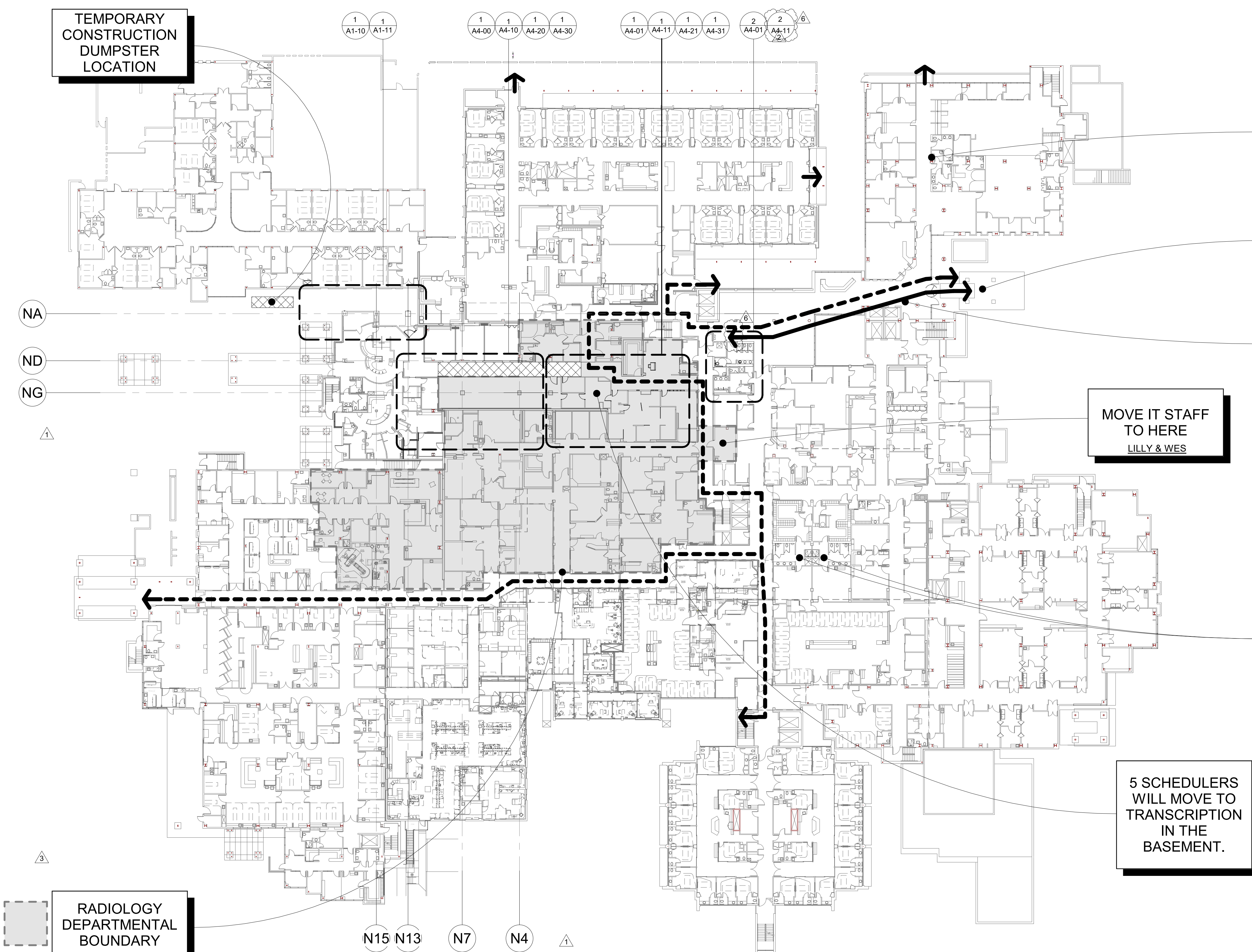
SHEET NUMBER:
A1-01

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CODE COMPLIANCE LEGEND:

- ACCESSIBLE PATH OF TRAVEL.
- - - → EGRESS PATH OF TRAVEL.

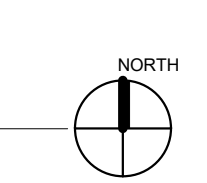


MOVE IT STAFF
TO HERE
LILLY & WES

5 SCHEDULERS
WILL MOVE TO
TRANSCRIPTION
IN THE
BASEMENT.

RADIOLOGY
DEPARTMENTAL
BOUNDARY

1 EXISTING FIRST FLOOR OVERALL PLAN
1" = 30'-0"



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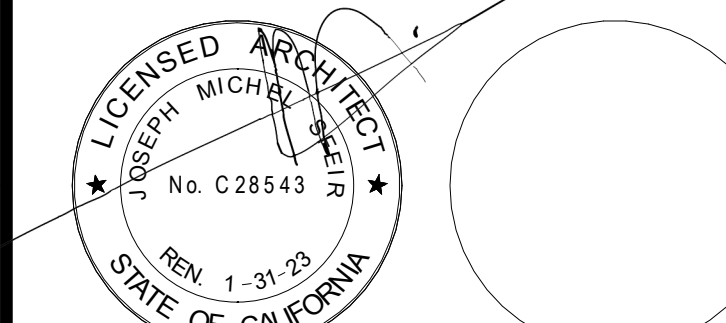
STRUCTURAL: MIYAMOTO INTERNATIONAL, INC.
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2	DESIGN CHANGES	8/10/2020
3	OSHPD COMMENTS	10/2/2020
4	OSHPD COMMENTS	11/24/2020
5	DESIGN CHANGES	11/24/2020
6	ACD 0001 DESIGN CHANGES	4/14/2021

REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

SHEET TITLE:
**PARTIAL FIRST FLOOR
CODE COMPLIANCE
PLAN**

PROJECT TITLE:
TCMC MRI

PROJECT #:
01907.01

DRAWN BY:
Author

CHECKED BY:
Checker

SCALE:
PER TITLE

DATE:
3/11/2020

SHEET NUMBER:
A1-02

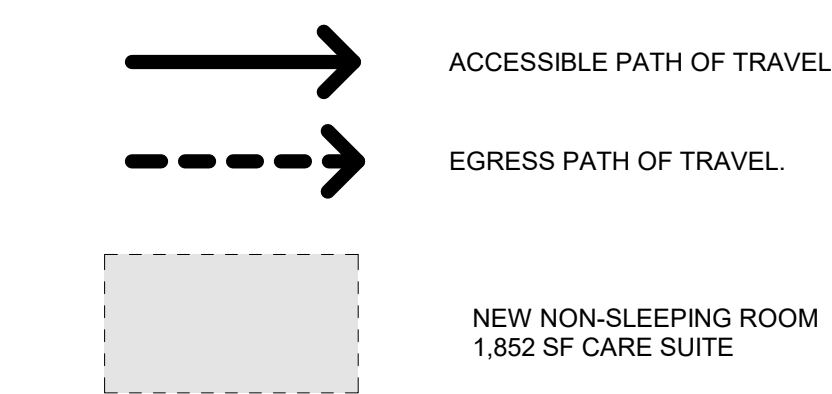
CODE COMPLIANCE KEYNOTES:

- 1 TEMPORARILY SHUTDOWN THIS CORRIDOR FOR APPROXIMATELY ONE MONTH TO FINISH THE HVAC WORK ABOVE THE CEILING.
- 2 INFECTION CONTROL ANTEROOM.
- 3 1/2" CEMENTITIOUS BOARD ON BOTH SIDE OF LIGHT WEIGHT METAL STUD PARTITION AND 4'-0" DOOR AND LOCK.
- 4 ERECT AND TIGHTLY SEAL ON TOP OF PARTITION AND TO UNDERSIDE OF DECK WITH FIRE RESISTIVE VISQUEEN. TAPE ALL EDGES TO STOP AIR LEAKAGE.
- 5 PROVIDE TWO ZIPPER CURTAINS OF FIRE RESISTANT VISQUEEN. TEMPORARY EXITING PROVISIONS SHALL MEET THE REQUIREMENTS OF OSHPD CAN 9-3301 AND THAT CONSTRUCTION/INFECTION CONTROL BARRIER PLACEMENT SHALL BE COORDINATED WITH OSHPD FIELD FLSO.
- 6 FIRE RESISTIVE CORRUGATED BOARD - Coroplast® Firewall FRB Class 94V-2 BELOW CEILING TO SEPARATE CONSTRUCTION AREA FROM ADJACENT AREA. TEMPORARY EXITING PROVISIONS SHALL MEET THE REQUIREMENTS OF OSHPD CAN 9-3301 AND CONSTRUCTION/INFECTION CONTROL BARRIER PLACEMENT SHALL BE COORDINATED WITH OSHPD FIELD FLSO AND HOSPITAL REPRESENTATIVE.
- 7 TEMPORARY 6'HIGH CHAINLINK FENCE WITH 4'-0" GATE WITH LOCK.
- 8 1-HOUR RATED TEMPORARY GYPSUM WALL BOARD AND METAL STUD PARTITION AND DOOR. TEMPORARY EXITING PROVISION SHALL MEET THE REQUIREMENTS OF OSHPD CAN 9-3301. CONSTRUCTION/INFECTION CONTROL BARRIER PLACEMENT SHALL BE COORDINATED WITH OSHPD FIELD FLSO.

GENERAL NOTES:

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2. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.

CODE COMPLIANCE LEGEND:



119' TRAVEL
DISTANCE
FROM CARE
SUITE DOOR TO
EXIT

ACCESSIBLE
PHONE ACCESS

CONTINUATION
ON 1/A1-01

PUBLIC
RESTROOM

PUBLIC
RESTROOM

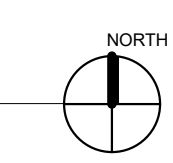
72' MAX TRAVEL
DISTANCE TO
FIRE BARRIER
DOOR

SEE
CONTINUATION
ON SHEET A0-01

ACCESSIBLE
ENTRANCE

ACCESSIBLE
DRINKING
FOUNTAIN

1 PARTIAL FIRST FLOOR CODE
COMPLIANCE PLAN
1" = 10'-0"



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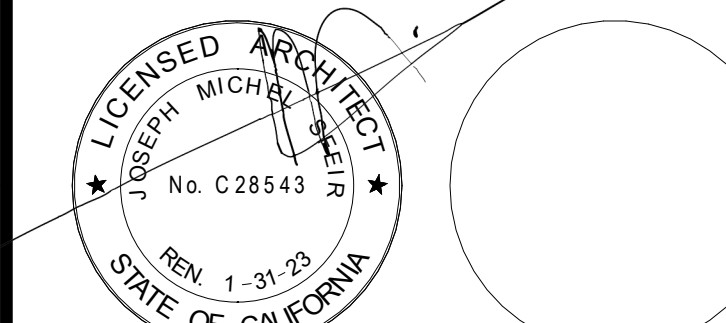
STRUCTURAL: MIYAMOTO INTERNATIONAL, INC.
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LA MESA, CA 91942
TEL(858)457-3001

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ELECTRICAL: AG DESIGN, INC.
171 S. ANITA DR. SUITE 111
ORANGE, CALIFORNIA 92668
TEL(714)759-9900 EXT. 201

SHIELDING: MRI SHIELDING CORPORATION
3554 BUSINESS PARK DR., SUITE B
COSTA MESA, CA 92626
TEL(714)545-7700

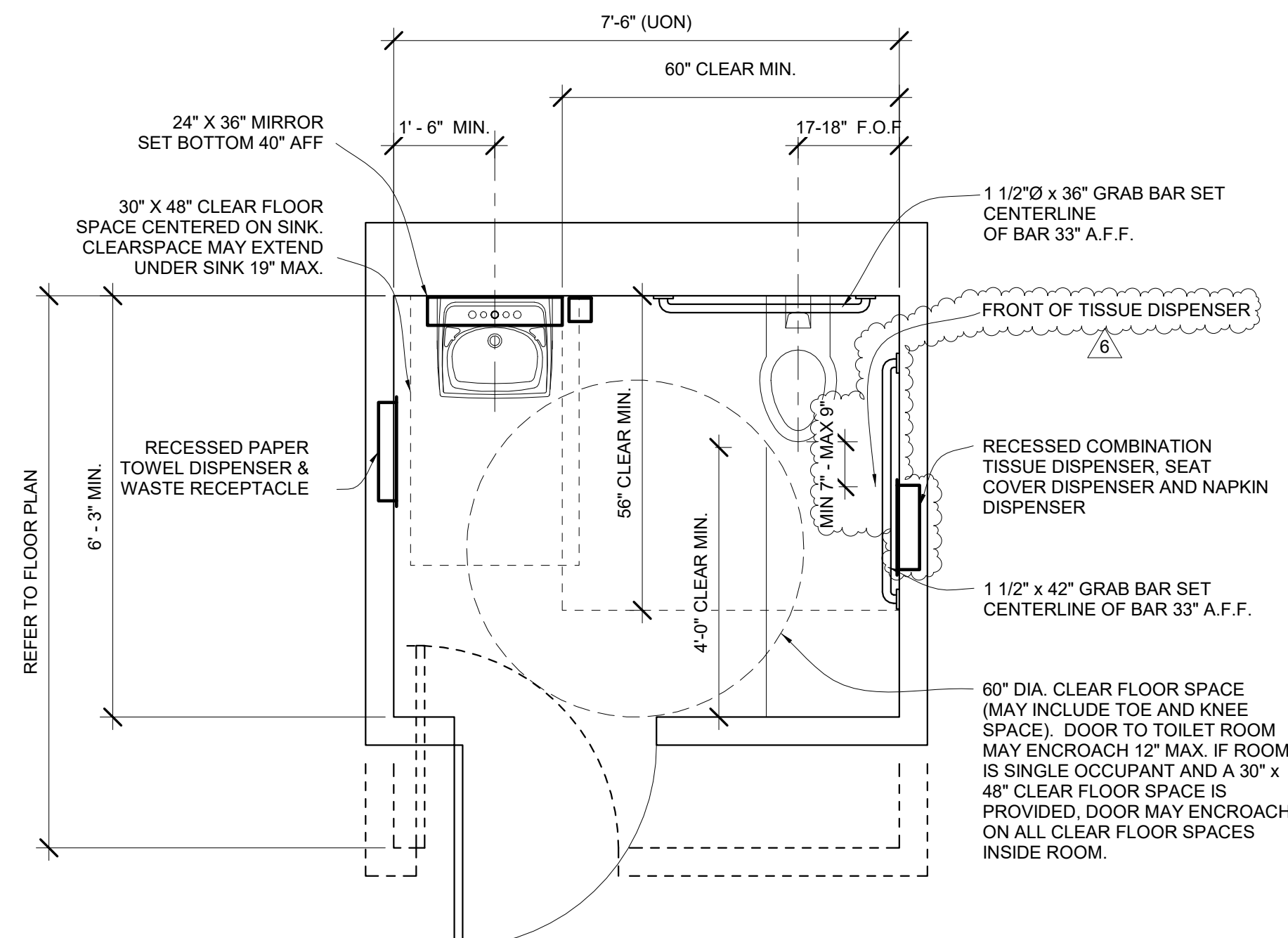
INTERIORS: ISLEY DESIGN & PLANNING
1982 PALSERO AVENUE
ESCONDIDO, CA 92029
TEL(760)484-0455



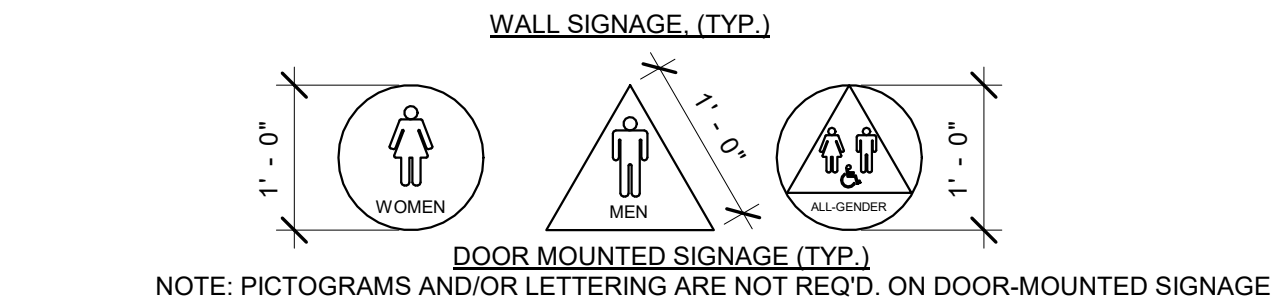
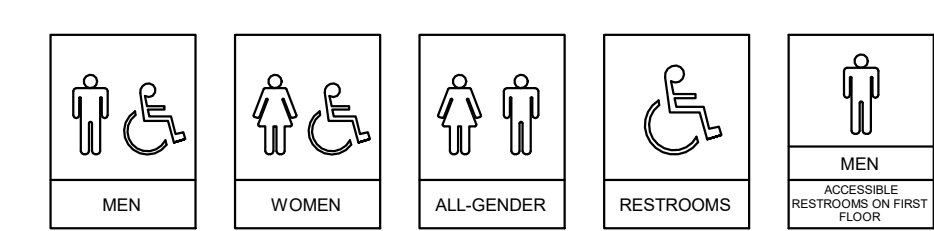
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ACCESSORY SCHED. - TOILET		
NOTE: MODEL NUMBERS REFERENCED REFER TO "BOBRICK WASHROOM EQUIPMENT CO."		
TAG NUMBER	MODEL NUMBER	DESCRIPTION
(A)	B-353	RECESSED SANITARY NAPKIN DISPENSER
(B)	B-38034	RECESSED PAPER TOWEL DISPENSER & WASTE REC. (600 C-FOLD)
(C)	B-166 2436	24"x36" ANGLE FRAME MIRROR W/ 5" SHELF
(D)	B-3574	RECESSED SEAT COVER DISP. NAPKIN DISP. TISSUE DISPENSER
(E)	B-3474	RECESSED SEAT COVER DISPENSER
(F)	B-6806X36	36" GRAB BAR W/ CONCEALED MOUNTING
(G)	B-3888	RECESSED MULTI-ROLL TOILET TISSURE DISPENSER
(H)	B-4369	RECESSED PAPER TOWEL DISPENSER & WASTE REC. (300 C-FOLD)
(J)	B-155	SURFACE MOUNTED SOAP DISPENSER (OFCI)
(K)	B-212	CLOTHES HOOK AND BUMPER
(L)	B-6806X42	42" GRAB BAR W/ CONCEALED MOUNTING.
(M)	B-359033	RECESSED PAPER TOWEL DISPENSER



23 ACCESSIBLE TOILET PLAN
1/2" = 1'-0"



NOTE: PICTOGRAMS AND/OR LETTERING ARE NOT REQ'D. ON DOOR-MOUNTED SIGNAGE

WALL MTD. SIGN TO BE ON LATCH SIDE OF DOOR CLEAR OF DOOR SWING.

HEIGHT OF UPPERCASE LETTERING 5/8" MIN. TO 2" MAX.

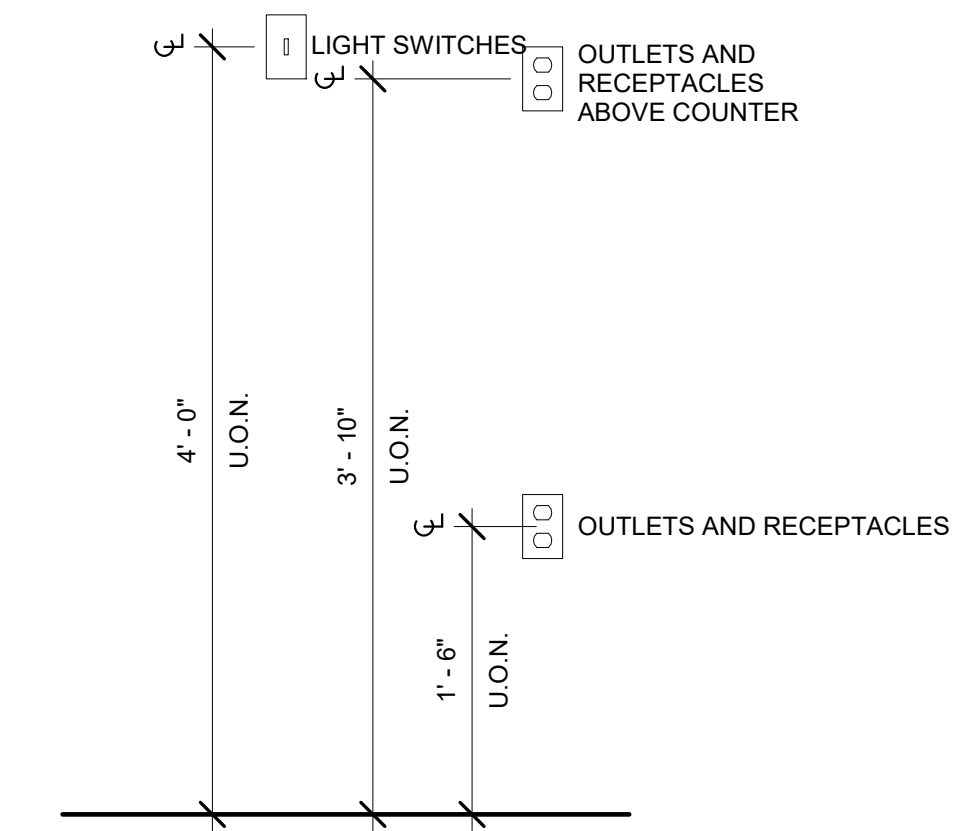
DOOR MTD. SIGNAGE 1/4" THICK (TYP.)

RAISED CHARACTERS
RAISED CHARACTERS SHALL BE 1/32" MIN. ABOVE THEIR BACKGROUND, UPPERCASE, SANS SERIF. NOT ITALIC OR HIGHLY DECORATIVE, AND HAVE FONT PROPORTIONS COMPLYING WITH CBC 11B-703.2. CHARACTER HEIGHT TO BE 5/8" MIN. AND 2" MAX.

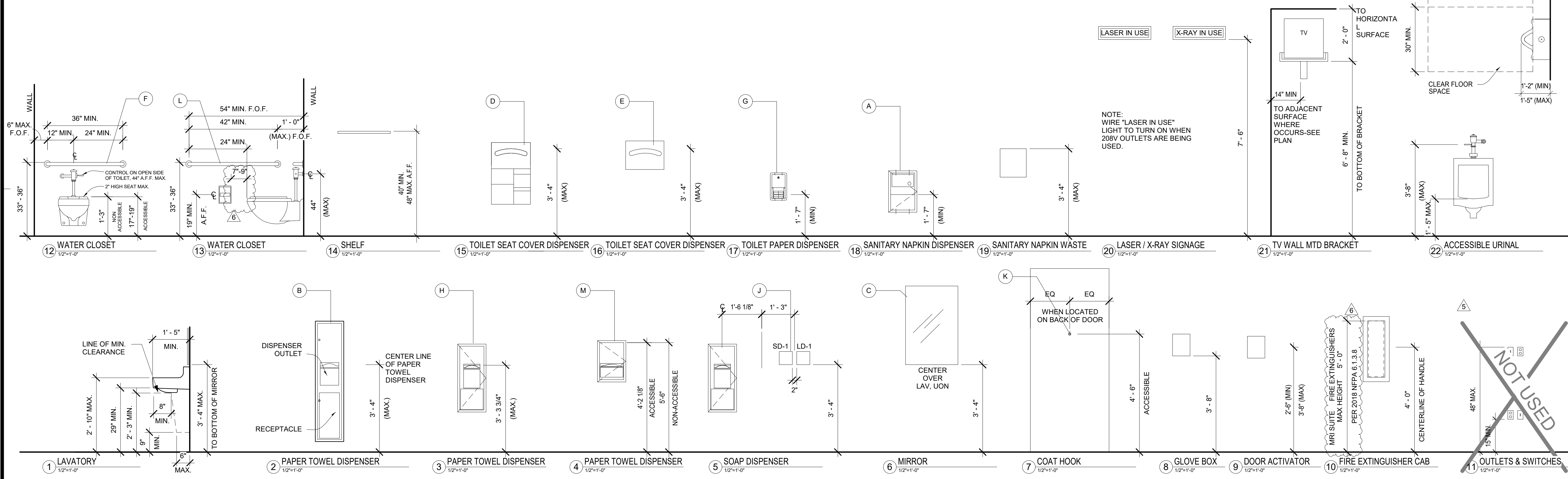
BRAILLE
CONTRACTED GRADE 2 BRAILLE SHALL BE USED WHERE BRAILLE SYMBOLS ARE REQ'D. DOTS SHALL BE SPACED IN COMPLIANCE WITH CBC 11B-703.3.

FINISH AND CONTRAST
CHARACTERS, PICTOGRAMS, AND THEIR BACKGROUND SHALL HAVE A NON-GLARE FINISH. CHARACTERS AND PICTOGRAMS SHALL CONTRAST WITH THEIR BACKGROUND WITH EITHER LIGHT CHARACTERS ON DARK BACKGROUND OR DARK CHARACTERS ON LIGHT BACKGROUND.

24 SANITARY FACILITIES SIGNAGE
1/2" = 1'-0"



25 OUTLETS AND SWITCHES MOUNTING HEIGHT
1" = 1'-0"



NO.	DESCRIPTION	DATE
1	OSHPD COMMENTS	8/3/2020
2	DESIGN CHANGES	8/10/2020
3	OSHPD COMMENTS	10/2/2020
4	OSHPD COMMENTS	11/24/2020
5	DESIGN CHANGES	11/24/2020
6	ACD 0001 DESIGN CHANGES	4/14/2021

REV: DESCRIPTION: DATE:

CONSULTANT:

OSHPD APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

ADA COMPLIANCE DETAILS

PROJECT TITLE: TCMC MRI

PROJECT #: 01907.01

DRAWN BY: Author

CHECKED BY: Checker

SCALE: PER TITLE

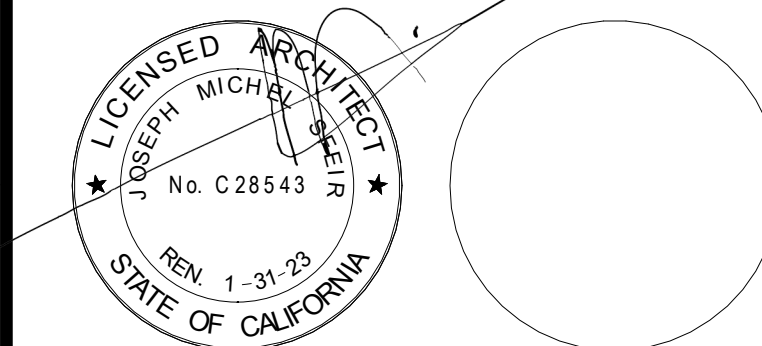
DATE: 3/11/2020

SHEET NUMBER: A1-03

TCMC MRI

Tri-City Medical Center
4002 VISTA WAY
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REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

PHASING PLAN

PROJECT TITLE:
TCMC MRI

PROJECT #:
01907.01

DRAWN BY:
Author

CHECKED BY:
Checker

SCALE:
PER TITLE

DATE:
3/11/2020

SHEET NUMBER:
A1-04

PHASING NOTES:

PHASE I:

- WORK WITHIN MRI SUITE.
- CLOSE CORRIDOR.
- TEACHING AND MAMOGRAPHY AREAS INACCESSIBLE DURING PHASE 1.
- WOMEN'S CENTER EXITING DIRECTLY TO EXTERIOR.

PHASE II:

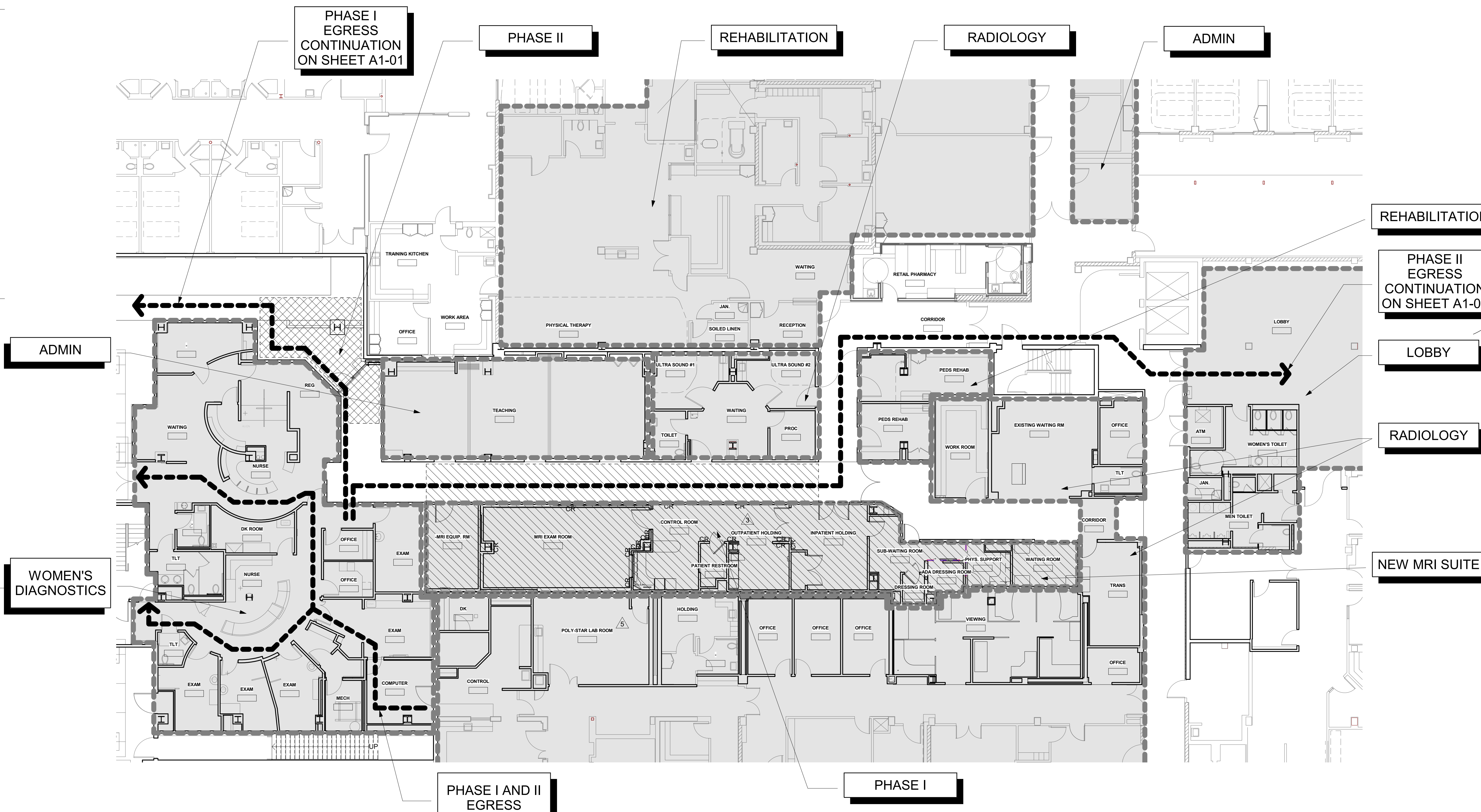
- WORK AT EXTERIOR DOOR.
- WOMEN'S CENTER EXITING THROUGH MAIN ENTRANCE.

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- ACCESSIBLE PATH OF TRAVEL.
- EGRESS PATH OF TRAVEL.



1 PHASING PLAN
1" = 10'-0"

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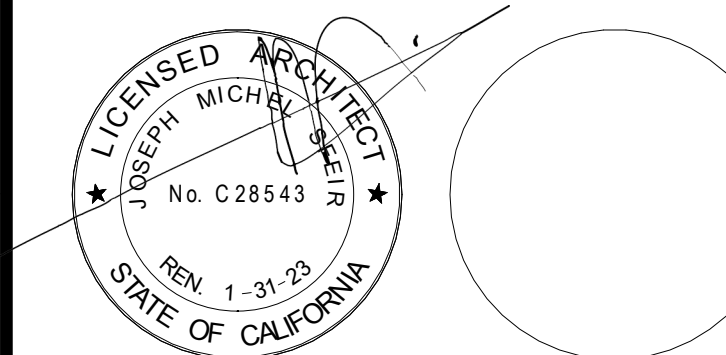
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REV.	DESCRIPTION	DATE

OSHDP APPROVAL STAMP:
OSHDP #: S200813-37-00-ACD0001

SHEET TITLE:
SIDE YARD & STAFF ENTRY DEMO PLAN

PROJECT TITLE:
TCMC MRI

PROJECT # 01907.01 SHEET NUMBER:
DRAWN BY: Author
CHECKED BY: Checker
SCALE: PER TITLE
DATE: 3/11/2020

A1-10

DEMOLITION KEYNOTES:

- 1 PROTECT IN PLACE THE EXISTING SIDEWALK TO THE DOOR ENTRY.
- 2 REMOVE ADA DOOR OPENER. SALVAGE TO BE REINSTALLED.
- 3 REMOVE EXISTING DOOR, DOOR FRAME, & DOOR HARDWARE.
- 4 DEMO CURB AND RAILING.
- 5 REMOVE A PORTION OF THE FRAMING AROUND THE STRUCTURAL COLUMN KEEP STRUCTURAL COLUMN IN PLACE.
- 6 REMOVE LIGHT BOLLARD. SALVAGE TO BE REINSTALLED.
- 7 REMOVE THE EXISTING VEGETATION.
- 8 REMOVE EXISTING HAND RAIL. SALVAGE TO BE REINSTALLED.
- 9 PROTECT IN PLACE THE EXISTING PALM TREES.
- 10 WIDTH OF THE MRI MACHINE DURING DELIVERY.
- 11 ETR. WALL PATH LIGHTING.
- 12 REMOVE THE EXISTING ADA AUTOMATIC BUTTON. SALVAGE TO BE REINSTALLED.
- 13 PROTECT IN PLACE EXISTING ARBOR AND VINE.
- 14 PROTECT IN PLACE EXISTING SHRUBS.
- 15 EDGE OF SIDEWALK.
- 16 ETR. BUILDING EXPANSION JOINT.
- 17 MRI DELIVERY PATHWAY. GC TO PROTECT EXISTING SIDE WALK WITH STEEL PLATE & REPAIR ANY DAMAGED PORTION OF SIDEWALKS, EXTERIOR WALLS, EXISTING LANDSCAPING & EXTERIOR LIGHTING.

GENERAL NOTES:

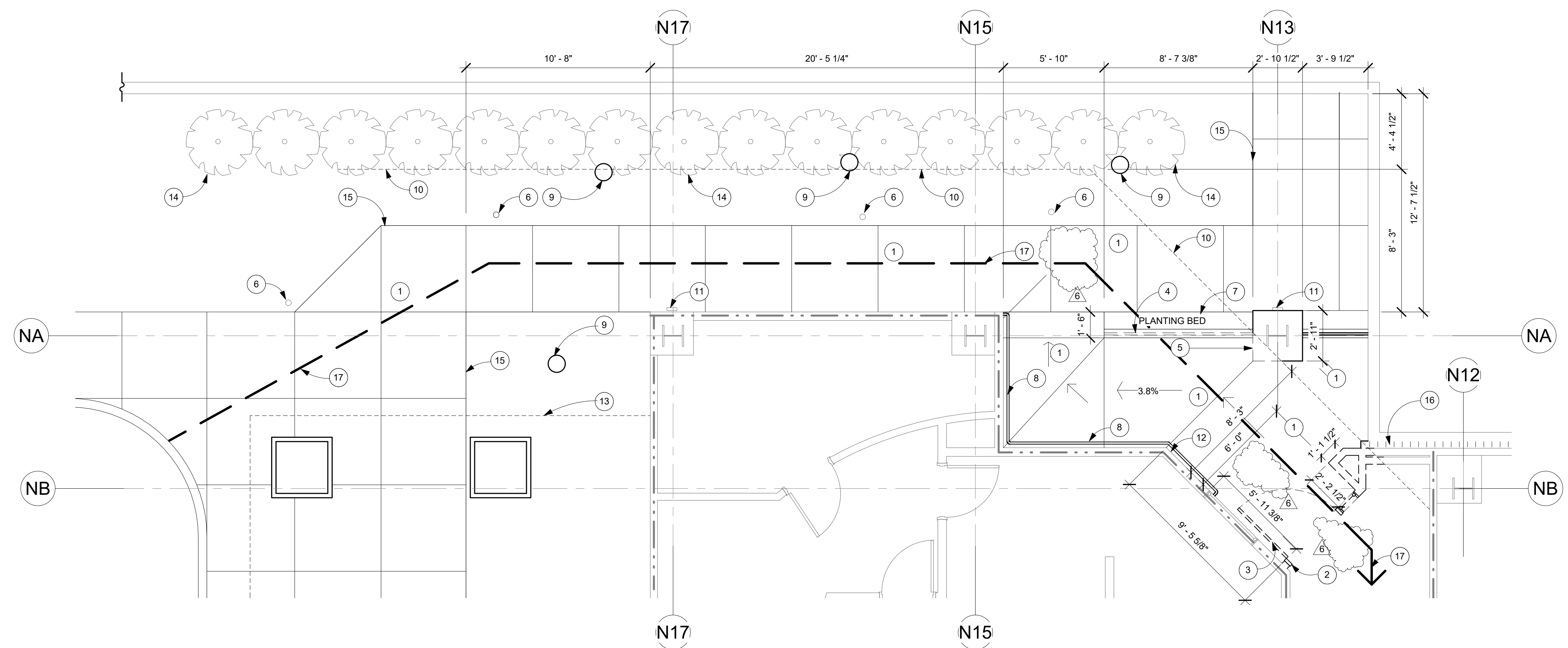
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- INDICATES AN EXISTING PARTITION TO REMAIN. REFER TO PLAN FOR UPGRADE REQUIREMENTS.
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- THICK LINE INDICATES NEW SURFACE FINISH.
- INDICATES AN EXISTING STRUCTURAL CONCRETE WALL TO REMAIN. LOCATE REINFORCING STEEL AND OBTAIN APPROVAL FROM STRUCTURAL ENGINEER PRIOR TO CORING AND/OR CUTTING.
- WALL TYPE REFERENCE REFER TO SHEET A5-10.

PARTITION NOTES:

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3. SEE SHEET A5-00 FOR FIRE PENETRATION DETAILS.



1 NORTH SIDE YARD & STAFF ENTRY DEMO
1/4" = 1'-0"

TCMC MRI

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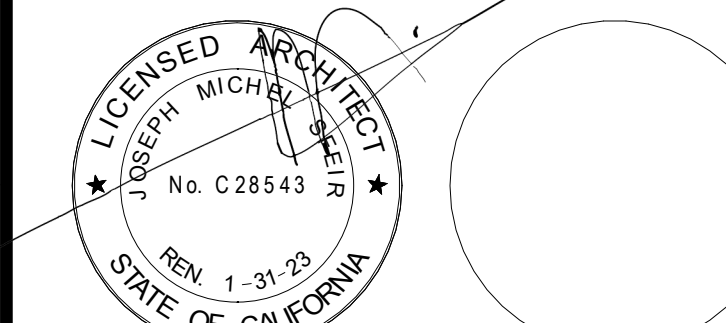
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REV	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

SHEET TITLE:
SIDE YARD & STAFF ENTRY PLAN

PROJECT TITLE:
TCMC MRI

PROJECT # 01907.01
DRAWN BY: Author
CHECKED BY: Checker
SCALE: PER TITLE
DATE: 3/11/2020

SHEET NUMBER:
A1-11

SIDE YARD KEYNOTES:

- 1 REINSTALL EXISTING HAND RAIL. PRIME AND PAINT.
- 2 NEW GAURD RAIL AND CURB. PRIME AND PAINT TO MATCH EXISTING COLOR.
- 3 REINSTALL EXISTING BOLLARD PATH LIGHTS. PRIME AND PAINT.
- 4 PLANT NEW SHRUBS. AND ADD NEW IRRIGATION SYSTEM IF THE EXISTING IS DAMAGED. TIE INTO THE EXISTING SYSTEM.
- 5 REPAIR THE COLUMN TO MATCH EXISTING, STUCCO, PRIME, & PAINT.
- 6 NEW THRESHOLD.
- 7 NOT USED.
- 8 ETR. SHRUB.
- 9 ETR. CONCRETE SIDEWALK.
- 10 ETR. PALM TREE.
- 11 ETR. BUILDING EXPANISON JOINT.
- 12 ETR. TILE OVER CONCRETE SIDEWALK. FIELD VERIFY LESS THAN 8.3% SLOPE AND 2% CROSS SLOPE.
- 13 ETR. ARBOR.
- 14 NOT USED.

GENERAL NOTES:

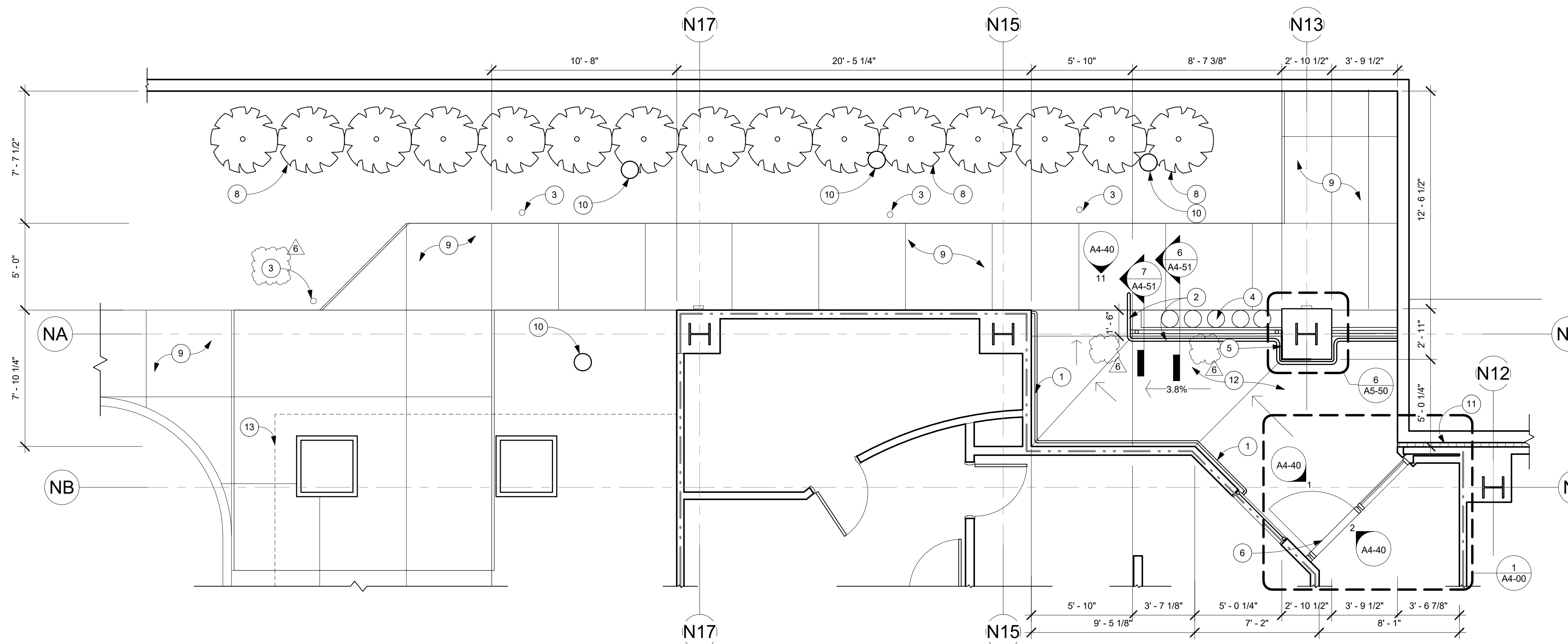
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- ==SP== INDICATES AN EXISTING SMOKE PARTITION
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- X WALL TYPE REFERENCE REFER TO SHEET A5-10.

PARTITION NOTES:

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3. SEE SHEET A5-00 FOR FIRE PENETRATION DETAILS.



1 NORTH SIDE YARD & STAFF ENTRY PLAN
1/4" = 1'-0"

DEMOLITION KEYNOTES:

- 1 DEMOLISH WALL FOR A NEW DOOR. PER PLAN.
- 2 REMOVE EXISTING WALL.
- 3 REMOVE EXISTING DOOR, DOOR FRAME, & DOOR HARDWARE. SAVE DOOR OPERATOR FOR REINSTALLATION.
- 4 CORE DRILL IN THE METAL DECK/CONCRETE DECK. REF. MECH & PLUMBING DWG & 7/81-1.
- 5 REMOVE THE GYPBOARD FURRING AROUND THE COLUMN PER PLAN. LEAVE STRUCTURAL COLUMN IN PLACE.
- 6 EXISTING ELECTRICAL OUTLETS & SWITCHES TO REMAIN.
- 7 REMOVE THE EXISTING CABINETRY PER PLAN.

- 8 REMOVE THE EXISTING WINDOW AND FRAME COMPLETELY.
- 9 REMOVE THE EXISTING CONCRETE SLAB (HIGHLIGHTED IN LIGHT GRAY).
- 10 PREPARE ROOF FOR A LEVELING PAD. (SEE 1/A5-34 FOR EXTENT OF REMODEL).
- 11 PROVIDE PENETRATIONS FOR FUTURE USE. FILL WITH FIRE RATED ASSEMBLY.
- 12 REMOVE LOW PARTITION WALL.
- 13 ETR. GRADE BEAM. TOP OF BEAM 14" BELOW TOP OF CONCRETE. VERIFY.
- 14 ETR. BUILDING EXPANSION JOINT.
- 15 ETR. CABINETRY AND MILL WORK.
- 16 ETR. GROUND WIRE. PROTECT IN PLACE.
- 17 ETR. RECEPTION DESK.
- 18 ETR DOOR & DOOR FRAME. PRIME AND PAINT DOOR FRAME.

- 19 FIRE RESISTIVE CORRUGATED BOARD - Coroplast® Firewall FRB Class 34V-2 BELOW CEILING TO SEPARATE CONSTRUCTION AREA FROM ADJACENT AREA. TEMPORARY EXITING PROVISIONS SHALL MEET THE REQUIREMENTS OF OSHPD CAN 9-3301 AND CONSTRUCTION INFECTION CONTROL BARRIER PLACEMENT SHALL BE COORDINATED WITH OSHPD FIELD FLSO AND HOSPITAL REPRESENTATIVE.
- 20 PROTECT OPENING DURING CONSTRUCTION AT ALL TIMES BY MAINTAINING 1 HOUR RATING OUTSIDE CONSTRUCTION HOURS. REMOVE DRYWALL IN IT'S ENTIRETY THROUGHOUT CORRIDOR PARTITION.
- 21 INFECTION CONTROL ANTEROOM.
- 22 1/2" CEMENTIOUS BOARD ON BOTH SIDE OF LIGHT WEIGHT METAL STUD PARTITION AND 4'-0" DOOR AND LOCK.
- 23 ERECT AND TIGHTLY SEAL ON TOP OF PARTITION AND TO UNDERSIDE OF DECK WITH FIRE RESISTIVE VISQUEEN. TAPE ALL EDGES TO STOP AIR LEAKAGE.

- 25 PROVIDE TWO ZIPPER CURTAINS OF FIRE RESISTANT VISQUEEN. TEMPORARY EXITING PROVISIONS SHALL MEET THE REQUIREMENTS OF OSHPD CAN 9-3301 AND THAT CONSTRUCTION INFECTION CONTROL BARRIER PLACEMENT SHALL BE COORDINATED WITH OSHPD FIELD FLSO.
- 26 TEMPORARY 6' HIGH CHAINLINK FENCE WITH 4'-0" GATE WALL LOCK.
- 27 1-HOUR RATED TEMPORARY GYPSUM WALL BOARD AND METAL STUD PARTITION AND DOOR. TEMPORARY EXITING PROVISION SHALL MEET THE REQUIREMENTS OF OSHPD CAN 9-3301. CONSTRUCTION INFECTION CONTROL BARRIER PLACEMENT SHALL BE COORDINATED WITH OSHPD FIELD FLSO.
- 28 EXISTING ELECTRICAL PANELS TO REMAIN.
- 29 REMOVE EXISTING DRYWALL UP TO 10'-0" MAX PER STRUCTURAL DETAIL 5/S3-1.
- 30 DEMOLISH BENCH SEAT.
- 31 IN CONSTRUCTION AREA BELOW ROOF ANCHORAGE PROTECT ALL EQUIPMENT WITH DUST COVERS. REPLACE REMOVED VELING TILES. REPLACE DAMAGED CEILING GRID. SEPARATE AREA OF CONSTRUCTION WITH INFECTION CONTROL.

GENERAL NOTES:

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- DEMOLITION GENERAL NOTES:**
- A. GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO START OF CONSTRUCTION.
 - B. GENERAL CONTRACTOR SHALL COORDINATE PHASING, ACCESS, DEBRIS REMOVAL, STAGING AREAS, AND HOURS OF CONSTRUCTION WITH OWNER PRIOR TO START OF CONSTRUCTION.
 - C. UNLESS OTHERWISE NOTED, CONTRACTOR SHALL COORDINATE WITH THE OWNER THE REMOVAL OF EXISTING EQUIPMENT INDICATED ON DRAWINGS.
 - D. GENERAL CONTRACTOR SHALL COORDINATE WITH STRUCTURAL, MEP, FIRE ALARM, FIRE PROTECTION, NURSE CALL, INTERIORS, AND EQUIPMENT DRAWINGS PRIOR TO STARTING CONSTRUCTION. THE PROJECT MANUAL AND ALL DRAWINGS IN THE CONSTRUCTION DRAWINGS SHALL BE PART OF THE CONSTRUCTION DOCUMENTS.
 - E. DASHED LINES INDICATE ITEMS TO BE DEMOLISHED OR REMOVED. REFER TO RELATED PLANS INCLUDING THE FLOOR PLANS, EQUIPMENT PLAN, CEILING PLANS, AND ROOM FINISH SCHEDULE ALONG WITH MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION FOR PORTIONS OF EXISTING CONSTRUCTION SCHEDULED TO REMAIN.
 - F. REFER TO PROPOSED PLANS AND INTERIOR ELEVATIONS FOR LOCATION OF NEW WALL CONNECTIONS, OPENINGS, RECESSED ITEMS, BACKING PLATES, ETC. AT EXISTING WALLS. REMOVE GYPSUM BOARD WHERE NEEDED TO ACCOMMODATE THE ABOVE WORK.
 - G. GENERAL CONTRACTOR SHALL X-RAY AND/OR ULTRASOUND THE EXISTING CONCRETE FLOORS AND FLOOR ABOVE FOR ANY POSSIBLE EMBEDDED CONDUITS, STRUCTURAL REBAR, OR UNFORESEEN CONDITIONS OUTSIDE THE SCOPE OF WORK THAT MIGHT IMPEDE THE ANCHORING OF EQUIPMENT OR CONFLICT WITH TRENCHING PRIOR TO CONSTRUCTION.
 - H. TYPICALLY CAP AND CLOSE ALL ABANDONED OPENINGS AT EXISTING SLAB. FILL AND PATCH TO LEVEL FLOOR PER DETAILS ON STRUCTURAL SHEETS. NOTIFY ARCHITECT OF UNCOVERED EXISTING CONDITIONS.
 - I. GENERAL CONTRACTOR SHALL INSTALL A TEMPORARY DUST/INFECTION CONTROL BARRIER BETWEEN WORK AREA AND ALL ADJACENT ROOMS AND CORRIDORS. INSTALL TEMPORARY CURTAIN OF FIRE-RETARDANT VISQUEEN IN THE PLENUM BETWEEN TOP OF STUD PARTITION AND UNDERSIDE OF DECK ABOVE. SEAL ALL OPENINGS INCL. DOORS, AIR SUPPLIES, RETURNS, AND EXHAUST GRILLES. GENERAL CONTRACTOR SHALL PROVIDE A TEMPORARY HEPA FILTRATION SYSTEM WITH NEGATIVE PRESSURE FOR EACH AREA OF THE REMODEL. EXHAUST FILTERED AIR FROM ROOMS UNDER CONSTRUCTION THROUGH BUILDING AIR RETURN SYSTEM. GENERAL CONTRACTOR TO COORDINATE BARRIER TYPE, ACCESS, AND FILTRATION SYSTEM WITH OWNER.
 - J. TEMPORARY CONSTRUCTION BARRIERS ARE REQUIRED TO BE INSTALLED DURING CONSTRUCTION OR RECONSTRUCTION OF FIRE-RESISTIVE ASSEMBLIES AND SHALL MEET THE SAME FIRE RATING AS THE SPECIFIC PERMANENT PARTITION. TEMPORARY INSTALLATIONS SHALL MAINTAIN ADEQUATE EGRESS IN COMPLIANCE WITH THE CBC AND SHALL NOT OBSTRUCT EXISTING EXITS. CREATE A FIRE HAZARD, OR REDUCE REQUIRED FIRE RESISTANCE.
 - K. CONTRACTOR STAGING TO BE IN THE ROOMS UNDER REMODEL.
 - L. CONTRACTOR PARKING TO BE IN CONTRACTOR DESIGNATED PARKING AREA.
 - M. THE CONTRACTOR SHALL ENSURE THAT THE AREA UNDER REMODEL IS LOCKED AND OTHERWISE SECURED AFTER HOURS.
 - N. DRILLING AND RAM-SETTING TO BE DONE AFTER HOURS.
 - O. GENERAL CONTRACTOR SHALL PRESERVE AND PROTECT THE PORTIONS OF THE EXISTING OVERHEAD PAGING, TELEPHONE, DATA, ELECTRICAL LINES, ETC. DURING THE COURSE OF CONSTRUCTION. MANY OF THESE SYSTEMS ARE SCHEDULED FOR REUSE BY THE OWNER UNDER THIS OR SEPARATE CONTRACTS.
 - P. PATCH NEW WORK TO MATCH AND ALIGN WITH EXISTING. COMPLETELY REMOVE EXISTING FINISHES WHERE NEW FINISHES ARE SCHEDULED.
 - Q. CONTRACTOR SHALL PRESERVE AND PROTECT THE EXISTING AREA, EQUIPMENT, CABINETRY, ETC. ADJACENT TO THE AREA OF WORK.

PARTITION LEGEND:

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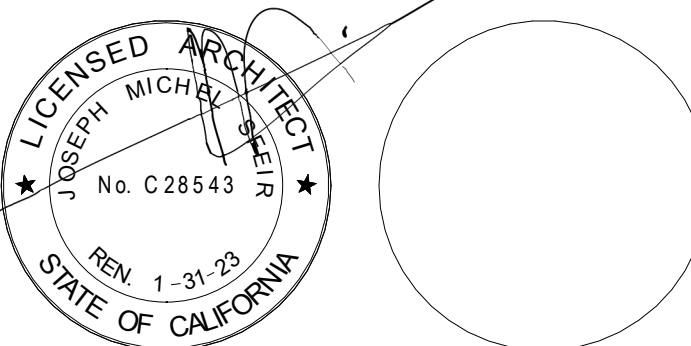
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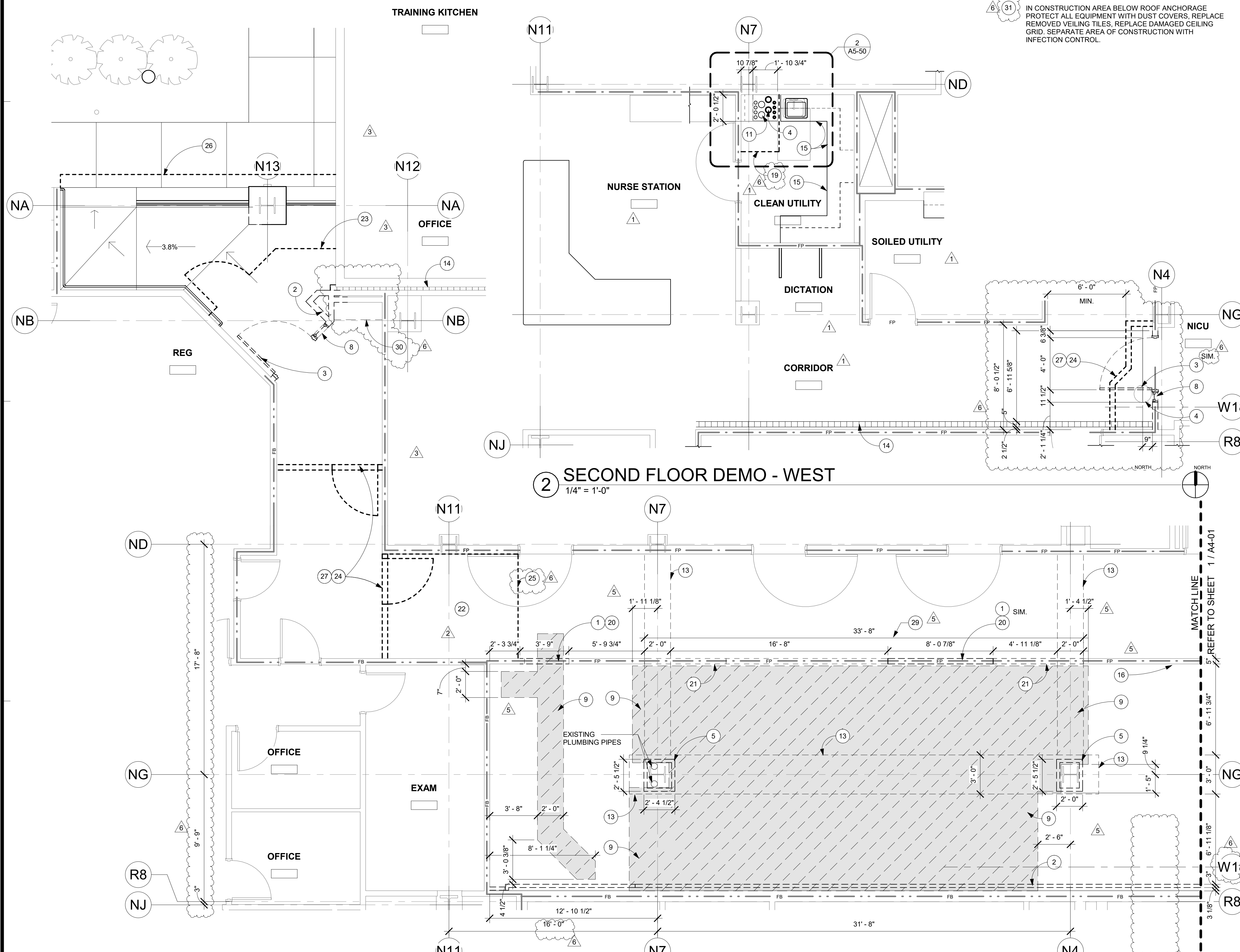
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SHEET TITLE:
1/4" PARTIAL DEMO PLAN

PROJECT TITLE:
TCMC MRI

PROJECT #: 01907.01
DRAWN BY: Author
CHECKED BY: Checker
SCALE: PER TITLE
DATE: 3/11/2020

SHEET NUMBER:
A4-00



1 FIRST FLOOR DEMO - WEST
1/4" = 1'-0"

2 SECOND FLOOR DEMO - WEST
1/4" = 1'-0"

TCMC MRI

Tri-City Medical Center

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SHEET TITLE:
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PROJECT TITLE:
TCMC MRI

PROJECT #:
01907.01

DRAWN BY:
Author

CHECKED BY:
Checker

SCALE:
PER TITLE

DATE:
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SHEET NUMBER:
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 - GENERAL CONTRACTOR SHALL X-RAY AND/OR ULTRASOUND THE EXISTING CONCRETE FLOORS AND FLOOR ABOVE FOR ANY POSSIBLE EMBEDDED CONDUITS, STRUCTURAL REBAR, OR UNFORESEEN CONDITIONS OUTSIDE THE SCOPE OF WORK THAT MIGHT IMPEDER THE ANCHORING OF EQUIPMENT OR CONFLICT WITH TRENCHING PRIOR TO CONSTRUCTION.
 - TYPICALLY CAP AND CLOSE ALL ABANDONED OPENINGS AT EXISTING SLAB. FILL AND PATCH TO LEVEL FLOOR PER DETAILS ON STRUCTURAL SHEETS. NOTIFY ARCHITECT OF UNCOVERED EXISTING CONDITIONS.
 - GENERAL CONTRACTOR SHALL INSTALL A TEMPORARY DUST/INFECTION CONTROL BARRIER BETWEEN WORK AREA AND ALL ADJACENT ROOMS AND CORRIDORS. INSTALL TEMPORARY CURTAIN OF FIRE-RETARDANT VISQUEEN IN THE PLENUM BETWEEN TOP OF STUD PARTITION AND UNDERSIDE OF DECK ABOVE. SEAL ALL OPENINGS INCL. DOORS, AIR SUPPLIES, RETURNS, AND EXHAUST GRILLES. GENERAL CONTRACTOR SHALL PROVIDE A TEMPORARY HEPA FILTRATION SYSTEM WITH NEGATIVE PRESSURE FOR EACH AREA OF THE REMODEL. EXHAUST FILTERED AIR FROM ROOMS UNDER CONSTRUCTION THROUGH BUILDING AIR RETURN SYSTEM. GENERAL CONTRACTOR TO COORDINATE BARRIER TYPE, ACCESS, AND FILTRATION SYSTEM WITH OWNER.
 - TEMPORARY CONSTRUCTION BARRIERS ARE REQUIRED TO BE INSTALLED DURING CONSTRUCTION OR RECONSTRUCTION OF FIRE-RESISTIVE ASSEMBLIES AND SHALL MEET THE SAME FIRE RATINGS AS THE SPECIFIC PERMANENT PARTITION. TEMPORARY INSTALLATIONS SHALL MAINTAIN ADEQUATE EGRESS IN COMPLIANCE WITH THE CBC AND SHALL NOT OBSTRUCT EXISTING EXITS, CREATE A FIRE HAZARD, OR REDUCE REQUIRED FIRE RESISTANCE.
 - CONTRACTOR STAGING TO BE IN THE ROOMS UNDER REMODEL.
 - CONTRACTOR PARKING TO BE IN CONTRACTOR DESIGNATED PARKING AREA.
 - THE CONTRACTOR SHALL ENSURE THAT THE AREA UNDER REMODEL IS LOCKED AND OTHERWISE SECURED AFTER HOURS.
 - DRILLING AND RAM-SETTING TO BE DONE AFTER HOURS.
 - GENERAL CONTRACTOR SHALL PRESERVE AND PROTECT THE PORTIONS OF THE EXISTING OVERHEAD PAGING, TELEPHONE, DATA, ELECTRICAL LINES, ETC. DURING THE COURSE OF CONSTRUCTION. MANY OF THESE SYSTEMS ARE SCHEDULED FOR REUSE BY THE OWNER UNDER THIS OR SEPARATE CONTRACTS.
 - PATCH NEW WORK TO MATCH AND ALIGN WITH EXISTING. COMPLETELY REMOVE EXISTING FINISHES WHERE NEW FINISHES ARE SCHEDULED.
 - CONTRACTOR SHALL PRESERVE AND PROTECT THE EXISTING AREA, EQUIPMENT, CABINETS, ETC. ADJACENT TO THE AREA OF WORK.

PARTITION LEGEND:

- INDICATES AN EXISTING MEMBRANE OF PARTITION OR PARTITION TO BE REMOVED. REFER TO DEMOLITION PLAN FOR FURTHER REQUIREMENTS.
- INDICATES AN EXISTING PARTITION TO REMAIN. REFER TO PLAN FOR UPGRADE REQUIREMENTS.
- INDICATES AN EXISTING 1 HOUR SMOKE BARRIER
- INDICATES AN EXISTING SMOKE PARTITION
- INDICATES AN EXISTING ONE HOUR FIRE RATED PARTITION TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- INDICATES AN EXISTING ONE HOUR RATED FIRE BARRIER TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- INDICATES AN EXISTING TWO HOUR RATED FIRE BARRIER TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- INDICATES A NEW SMOKE BARRIER
- INDICATES A NEW SMOKE PARTITION
- INDICATES A NEW ONE HOUR RATED FIRE PARTITION EXTENDING TO THE UNDERSIDE OF THE STRUCTURE ABOVE. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- INDICATES A NEW ONE HOUR RATED FIRE BARRIER EXTENDING TO THE UNDERSIDE OF THE STRUCTURE ABOVE. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- THICK LINE INDICATES NEW SURFACE FINISH.
- INDICATES AN EXISTING STRUCTURAL CONCRETE WALL TO REMAIN. LOCATE REINFORCING STEEL AND OBTAIN APPROVAL FROM STRUCTURAL ENGINEER PRIOR TO CORING AND/ OR CUTTING.
- WALL TYPE REFERENCE REFER TO SHEET A5-10.

PARTITION NOTES:

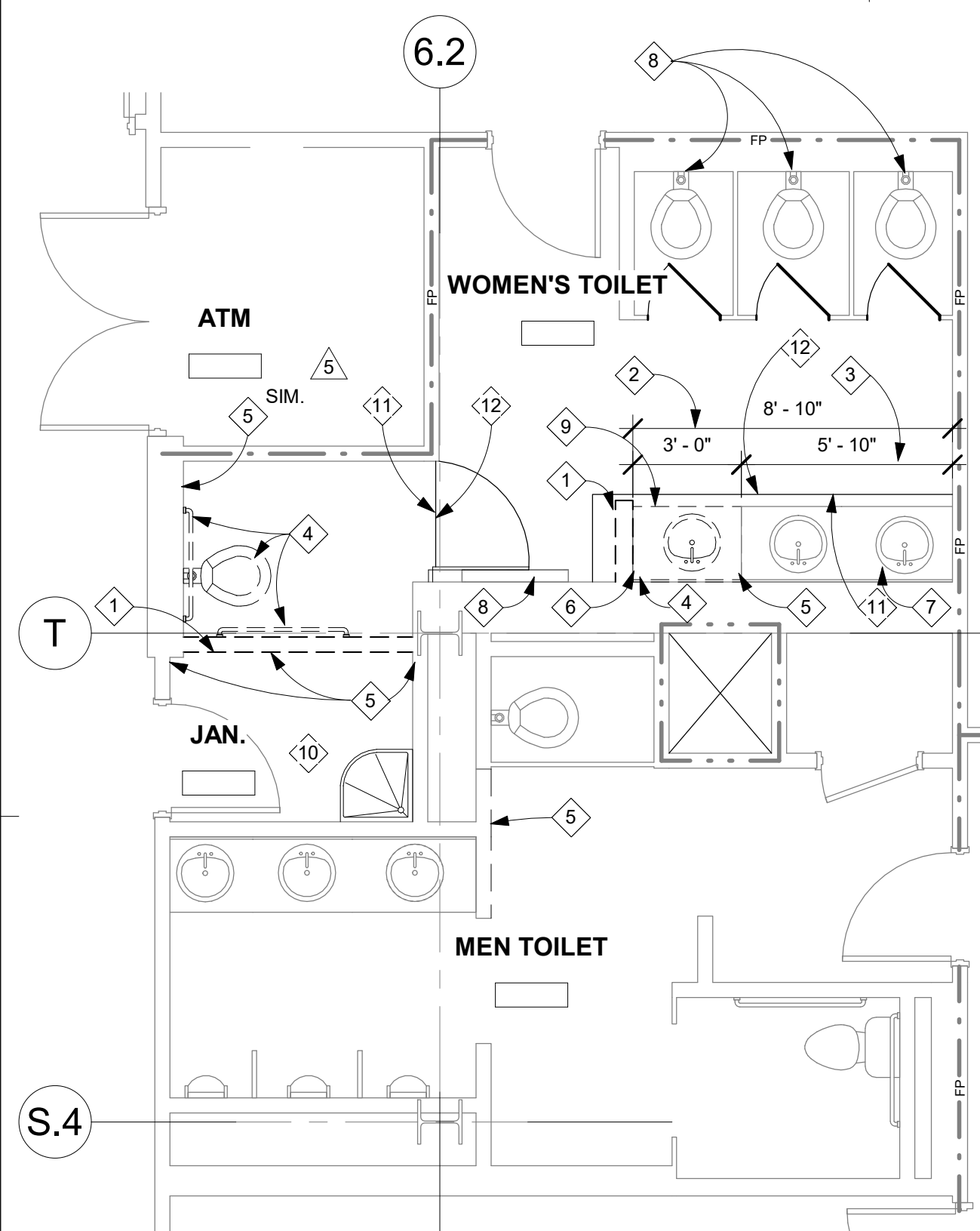
- ALL DIMENSIONS SHOWN ARE TO FINISHED SURFACE OF FINISHES INSTALLED ON GYP. BOARD, TYPICAL U.O.N. REFER TO SHEET A5-10 FOR GENERAL NOTES AND REQUIREMENTS FOR PARTITIONS.
- EXISTING WALLS WERE CONSTRUCTED WITH MANY PERMITS AND/OR CONTRACTS. FIELD VERIFY CONSTRUCTION AND WIDTH PRIOR TO FABRICATION OF DOOR FRAMES OR COMPONENTS WHICH REQUIRE THE WIDTH OF WALL TO BE SET.
- SEE SHEET A5-00 FOR FIRE PENETRATION DETAILS.

DEMOLITION KEYNOTES:

- DEMOLISH WALL FOR A NEW DOOR. PER PLAN.
- REMOVE EXISTING WALL.
- REMOVE EXISTING DOOR, DOOR FRAME, & DOOR HARDWARE. SAVE DOOR OPERATOR FOR REINSTALLATION.
- CORE DRILL IN THE METAL DECK/CONCRETE DECK. REF. MECH & PLUMBING DWG & 7/S1-1.
- REMOVE THE GYPBOARD FURRING AROUND THE COLUMN PER PLAN. LEAVE STRUCTURAL COLUMN IN PLACE.
- EXISTING ELECTRICAL OUTLETS & SWITCHES TO REMAIN.
- REMOVE THE EXISTING CABINETS PER PLAN.
- REMOVE THE EXISTING WINDOW AND FRAME COMPLETELY.
- REMOVE THE EXISTING CONCRETE SLAB (HIGHLIGHTED IN LIGHT GRAY). PREPARE ROOF FOR A LEVELING PAD. SEE 1/A5-34 FOR EXTENT OF REMODEL.
- PROVIDE PENETRATIONS FOR FUTURE USE. FILL WITH FIRE RATED ASSEMBLY.
- REMOVE LOW PARTITION WALL.
- ETR. GRADE BEAM. TOP OF BEAM 14" BELOW TOP OF CONCRETE. VERIFY.
- ETR. BUILDING EXPANSION JOINT.
- ETR. CABINETS AND MILL WORK.
- ETR. GROUND WIRE. PROTECT IN PLACE.
- ETR. RECEPTION DESK.
- ETR. DOOR & DOOR FRAME. PRIME AND PAINT DOOR FRAME.
- FIRE RESISTIVE CORRUGATED BOARD - Coroplast® Firewall FRB Class 94V-2 BELOW CEILING TO SEPARATE CONSTRUCTION AREA FROM ADJACENT AREA. TEMPORARY EXITING PROVISIONS SHALL MEET THE REQUIREMENTS OF OSHPD CAN 9-3301 AND CONSTRUCTION/INFECTION CONTROL BARRIER PLACEMENT SHALL BE COORDINATED WITH OSHPD FIELD FLSO AND HOSPITAL REPRESENTATIVE.
- PROTECT OPENING DURING CONSTRUCTION AT ALL TIMES BY MAINTAINING 1 HOUR RATING OUTSIDE CONSTRUCTION HOURS. REMOVE DRYWALL IN IT'S ENTIRETY THROUGHOUT CORRIDOR PARTITION.
- INFECTION CONTROL ANTEROOM.
- 1/2" CEMENTITIOUS BOARD ON BOTH SIDE OF LIGHT WEIGHT METAL STUD PARTITION AND 4'-0" DOOR AND LOCK.
- ERECT AND TIGHTLY SEAL ON TOP OF PARTITION AND TO UNDERSIDE OF DECK WITH FIRE RESISTIVE VISQUEEN TAPE ALL EDGES TO STOP AIR LEAKAGE.
- PROVIDE TWO ZIPPER CURTAINS OF FIRE RESISTANT VISQUEEN. TEMPORARY EXITING PROVISIONS SHALL MEET THE REQUIREMENTS OF OSHPD CAN 9-3301 AND THAT CONSTRUCTION/INFECTION CONTROL BARRIER PLACEMENT SHALL BE COORDINATED WITH OSHPD FIELD FLSO.
- TEMPORARY 6'HIGH CHAINLINK FENCE WITH 4'-0" GATE WITH LOCK.
- 1-HOUR RATED TEMPORARY GYPSUM WALL BOARD AND METAL STUD PARTITION AND DOOR. TEMPORARY EXITING PROVISION SHALL MEET THE REQUIREMENTS OF OSHPD CAN 9-3301. CONSTRUCTION/INFECTION CONTROL BARRIER PLACEMENT SHALL BE COORDINATED WITH OSHPD FIELD FLSO.
- EXISTING ELECTRICAL PANELS TO REMAIN.
- REMOVE EXISTING DRYWALL UP TO 10'-0" MAX PER STRUCTURAL DETAIL 5/S3-1.
- DEMOLISH BENCH SEAT.
- IN CONSTRUCTION AREA BELOW ROOF ANCHORAGE PROTECT ALL EQUIPMENT WITH DUST COVERS. REPLACE REMOVED VEILING TILES. REPLACE DAMAGED CEILING GRID. SEPARATE AREA OF CONSTRUCTION WITH INFECTION CONTROL.

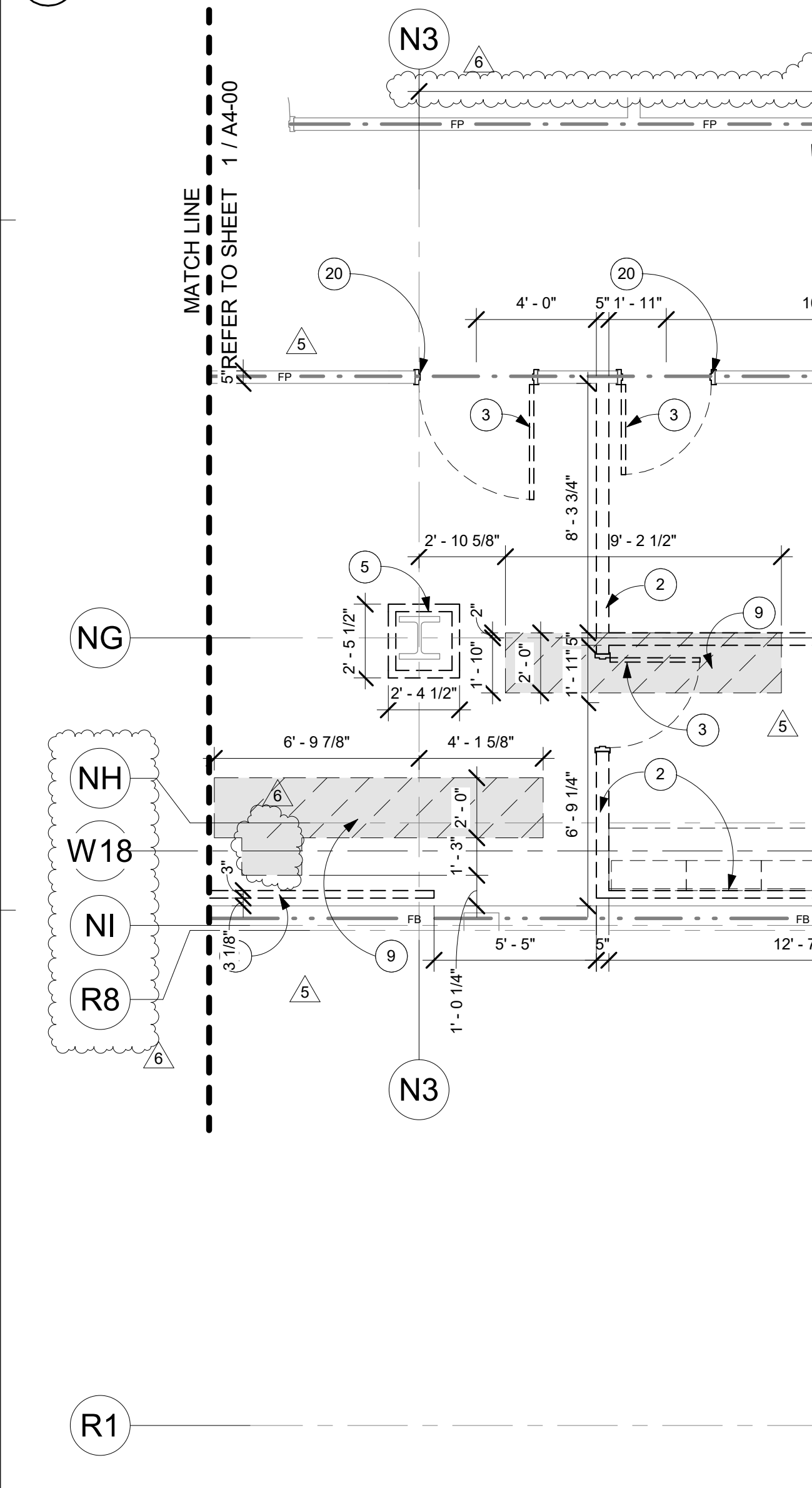
RESTROOM DEMOLITION KEYNOTES:

- REMOVE EXISTING PARTITION IN ITS ENTIRETY & SALVAGE WALL-MOUNTED ACCESSORIES IN THE JANITOR CLOSET.
- REMOVE EXISTING COUNTER, SINKS & ACCESSORIES IN THEIR ENTIRETY & SALVAGE.
- SEE 2/A4-11 FOR REINSTALLED PORTION OF COUNTER.
- REMOVE EXISTING PLUMBING FIXTURES AND ACCESSORIES. SAVE PLUMBING FIXTURE FOR RELOCATION. REMOVE GWB TO ADD REINFORCEMENT.
- REMOVE EXISTING GWB & WALL TILE FROM EXISTING WALL.
- REMOVE EXISTING POWER OUTLET, EXISTING SWITCH & SALVAGE FOR RE-INSTALLATION. SEE ELECTRICAL DRAWINGS.
- REMOVE EXISTING WALL MOUNTED LIGHT FIXTURE & SALVAGE FOR RE-INSTALLATION.
- EXISTING WALL MOUNTED ACCESSORY TO REMAIN. PROTECT IN PLACE.
- REMOVE COUNTER & MODIFY SEE 2/A4-11. REMOVE SUPPORT.
- REMOVE FLOOR SURFACE AND WALL BASE IN ITS ENTIRETY.
- LIMIT OF NEW FLOOR AND BASE FINISHES REMOVAL.
- EXISTING FLOOR FINISHES TO REMAIN.



2 FIRST FLOOR DEMO - RESTROOM

1/4" = 1'-0"



1 FIRST FLOOR DEMO - EAST

1/4" = 1'-0"

TCMC MRI

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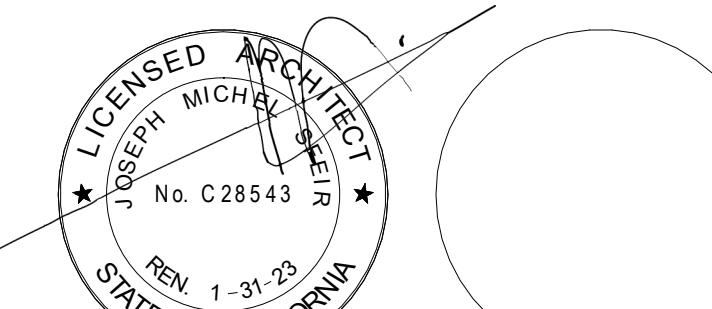
STRUCTURAL: MIYAMOTO INTERNATIONAL, INC.
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NO.	DESCRIPTION	DATE
1	OSHPD COMMENTS	8/3/2020
2	DESIGN CHANGES	8/10/2020
3	OSHPD COMMENTS	10/2/2020
4	OSHPD COMMENTS	11/24/2020
5	DESIGN CHANGES	11/24/2020
6	ACD 0001 DESIGN CHANGES	4/14/2021

REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

SHEET TITLE:
1/4" PARTIAL FLOOR PLAN

PROJECT TITLE:
TCMC MRI

PROJECT #: 01907.01
DRAWN BY: Author
CHECKED BY: Checker
SCALE: PER TITLE
DATE: 3/11/2020

SHEET NUMBER:
A4-10

FLOOR PLAN KEYNOTES:

- INSTALL NEW WALL PER PLAN. SEE DETAILS ON SHEET A5-10.
- INSTALL NEW PLUMBING FIXTURES. REF PLUMBING DWG.
- INFILL CORRIDOR WALL WITH 1 HOUR WALL PRIME FINISHES.
- PATCH PAINT PRIME AND STUCCO COLUMN TO MATCH.
- INSTALL A NEW DOOR. SEE DOOR SCHEDULE A6-00.
- INSTALL NEW RF SHIELDING WALL.
- BORDER OF NEW SHIELDED FLOOR.
- PASS THROUGH CABINET. w/ LOUVERED DOORS.
- CUSTOM MILL WORK. WOOD CABINETS w/ PLASTIC LAMINATE.
- LIMITS OF THE 5 GAUSS MAGNET INFLUENCE.
- INSTALL REMOVABLE STOREFRONT w/ DOOR AND WINDOW. ROOF 8'-0"
- NEW ACCESSIBLE SINK.
- HAND WAVE READER DOOR OPERATOR.

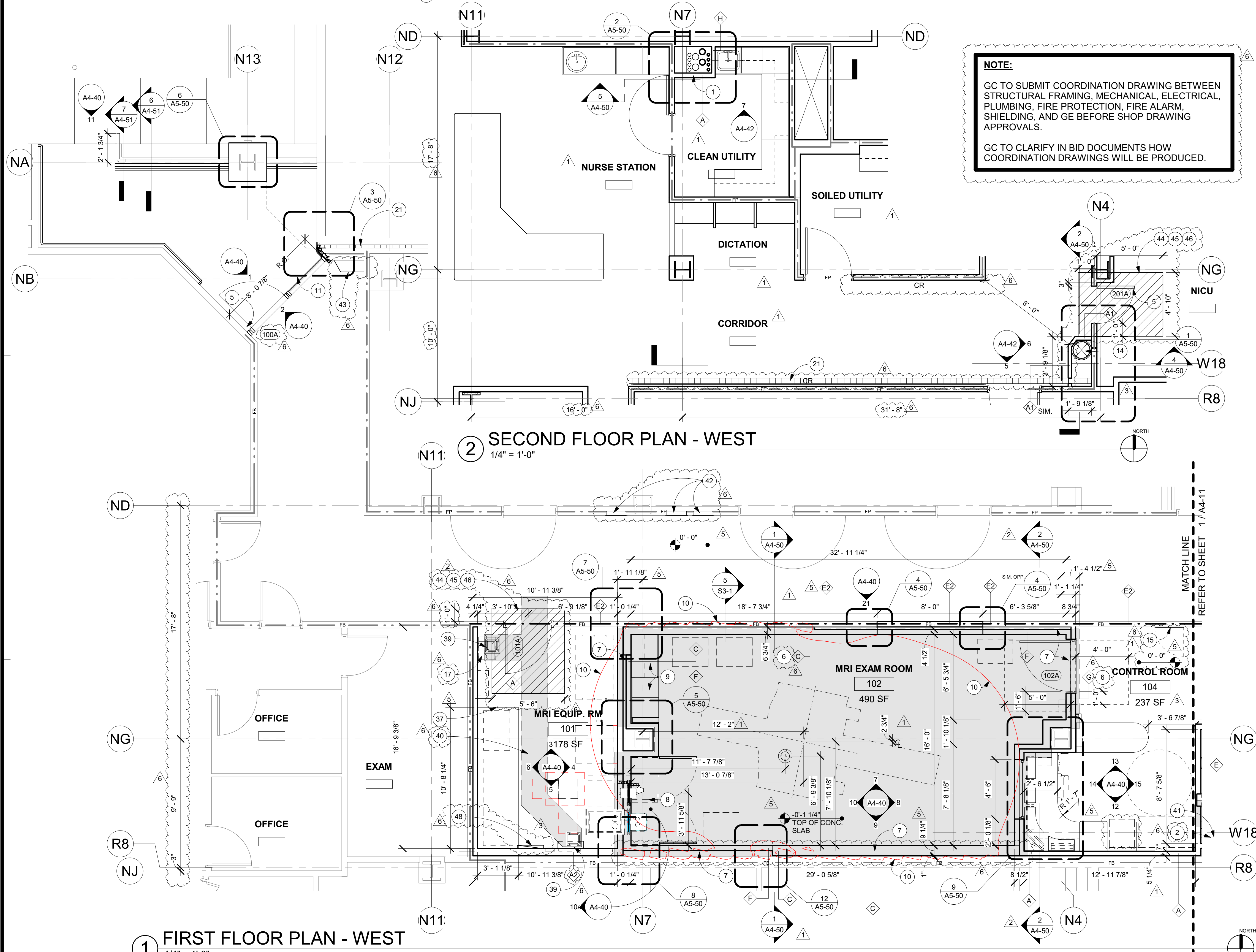
- MRI QUENCH VENT AND INSULATION. REF TO MECH DRAWINGS AND EJ A/A5-00.
- MRI EQUIPMENT STORAGE INCLUDING BREAST TREATMENT, VACUUM, & AIR MATTRESS PUMP. HUMIDIFIER. SEE PLUMBING & MECH. & ELECT. DWGS.
- MRI LINEN STORAGE.
- OUTPATIENT TEMPORARY WHEELCHAIR STORAGE.
- NEW SYSTEM FURNITURE. ADJUSTABLE HEIGHT DESK.
- ETR. BUILDING EXPANSION JOINT.
- ETR. RECEPTION DESK.
- NEW SYSTEM FURNITURE BY OTHERS. GC TO COORDINATE SYSTEM INSTALLATION WITH OWNER WALLS @ 6'-0" HIGH.
- EXISTING DESK.
- METAL DETECTOR.
- NEW PLUMBING FIXTURES & ACCESSORIES. MODIFY EXG PIPING THE WALL FOR NEW LOCATION OF EXISTING FIXTURE. PATCH FLR TO FIN. TO MATCH EXG.
- EXG SALVAGED, MODIFIED COUNTER, SINKS, & ACCESSORIES.
- PROVIDE SISTER STUDS PER DETAIL 05/12. NEW LAYER OF WATER RESISTANT GWB. PAINTED & WALL TILE TO MATCH EXG. SEE SHEET 1.2.3/A4-42.
- INSTALL SISTER STUDS AND BACKING PER STRUCTURAL DRAWING 6.10/S1-2. PRIME AND PAINT TO MATCH EXG.
- WELD PAINTED STEEL @ EDGE OF COUNTER. SEE DETAIL 0/A5-80.
- RELOCATE EXG TOILET AND ACCESSORIES. PROVIDE BACKING PER 10/S1-2. DWG. SEE PLUMBING DWG. SEAL HOLES WITH GROUT.
- NEW PATIENT STORAGE LOCKER.
- STAFF LOCKABLE STORAGE LOCKERS & SHERIFF LOCKED LOCKER.
- PAN FLUSHING DEVICE. REF PLUMBING DWG.
- NON FERROUS GURNEY / BED. BY OWNER (TYP).
- CONCRETE PADS TO BE PAINTED. SCRIBE SHEET VINYL TO EDGE.
- CARD READER DOOR OPERATOR.

- NEW FLOOR SINK. SEE 1/P3-01.
- CONCRETE INFILL PER DETAIL 10/S1-1.
- KNEE WALL UNDER COUNTER TO ENCLOSE SINK WASTE LINE. PER 10/A5-80.
- ETR. ELECTRICAL PANEL.
- FINISH TO MATCH ADJACENT EXISTING.
- BUILD UP FLR. DEPRESSIONS W/ CEMENTITIOUS LEVELING ARDEX COMPOUND TO ENSURE MAX. OF 3/8" BTWN BOT. OF DOOR & FIN. FLR. OR TOP OF METAL THRESHOLD IF USED.
- 1/8"=1'-0" MAX SLOPE TO TRANSITION BTWN DOOR AND ADJ. FLR.
- REFER TO A4-00, A4-10 & ID2.0 FOR FLR. FIN. REMOVAL & NEW INSTALL BOUNDARIES FOR FLR. LEVELING.
- MRI GRADE FIRE EXTINGUISHER REF. 2/A1-03
- NEW ELECTRICAL PANEL. SEE ELECTRICAL DRAWINGS AND 4/S4-1 FOR ANCHORAGE.

GENERAL NOTES:

- THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
 - REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.
- GENERAL FLOOR PLAN NOTES:**
- THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
 - THE GENERAL CONTRACTOR SHALL COORDINATE ALL PHASING, ACCESS, DEBRIS REMOVAL, STAGING AREAS AND HOURS OF CONSTRUCTION WITH OWNER PRIOR TO START OF CONSTRUCTION.
 - THE GENERAL CONTRACTOR SHALL COORDINATE WITH STRUCTURAL, MEP, FIRE ALARM, FIRE PROTECTION, NURSE CALL, INTERIORS AND EQUIPMENT DRAWINGS PRIOR TO STARTING CONSTRUCTION. THE PROJECT MANUAL AND ALL DRAWINGS IN THE CONSTRUCTION DRAWINGS SHALL BE PART OF THE CONSTRUCTION DOCUMENTS.
 - THE GENERAL CONTRACTOR SHALL SEPARATE DISSIMILAR METALS WITH BUILDING PAPER OR PLASTIC SHIM.
 - THE GENERAL CONTRACTOR SHALL X-RAY AND/OR ULTRASOUND THE EXISTING CONCRETE FLOORS AND FLOOR ABOVE FOR ANY POSSIBLE EMBEDDED CONDUITS, STRUCTURAL REBAR OR UNFORESEEN CONDITION THAT IS OUTSIDE THE SCOPE OF WORK AND MIGHT IMPEDE THE ANCHORING OF EQUIPMENT OR CONFLICT WITH TRENCHING PRIOR TO CONSTRUCTION.
 - REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.
 - CONTRACTOR STAGING TO BE IN THE ROOMS UNDER REMODEL.
 - CONTRACTOR PARKING TO BE IN CONTRACTOR DESIGNATED PARKING AREA.
 - THE CONTRACTOR SHALL ENSURE THAT THE AREA UNDER REMODEL IS LOCKED AND OTHERWISE SECURED AFTER HOURS.
 - VERIFY ALL DIMENSIONS WITH EQUIPMENT SCHEDULE PRIOR TO START OF CONSTRUCTION.
 - REFER TO EQUIPMENT PLAN, CEILING PLAN, INTERIOR ELEVATIONS AND ROOM FINISH SCHEDULE ALONG WITH MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, AND FIRE ALARM SECTIONS FOR FURTHER DESCRIPTION OF SCOPE OF WORK.
 - REFER TO FINISH PLAN AND SCHEDULE AND INTERIOR DESIGN DOCUMENTS FOR TYPES OF FINISHES.
 - FOR DOOR INFORMATION REFER TO DOOR SCHEDULE, SHEET A6-00.
 - REFER TO SHEETS A0-01 & A1-01 & A1-02 & A1-03 FOR ACCESSIBILITY REQUIREMENTS.
 - PROVIDE ACOUSTICAL INSULATION IN ALL NEW WALL ASSEMBLIES.
 - THE GENERAL CONTRACTOR SHALL VERIFY THE LEVELNESS OF THE SLAB AT ALL NEW DOOR LOCATIONS PRIOR TO CONSTRUCTION. APPLY LEVELING MATERIAL, AS NECESSARY DURING CONSTRUCTION TO ACHIEVE MAX. OF 3/8" CLEARANCE FROM FINISH FLOOR TO UNDERSIDE OF NEW DOOR. REPLACE FINISHES TO MATCH EXISTING AS NEEDED.
 - THE GENERAL CONTRACTOR SHALL SEISMICALLY ANCHOR ALL EXISTING AND NEW BUILDING SYSTEMS ABOVE CEILING INCLUDING BUT NOT LIMITED TO DUCTWORK, ELECTRICAL CONDUITS AND TRAYS, SPRINKLER PIPES, PLUMBING PIPES, ETC. REFER TO A0-00 FOR MORE INFORMATION.
 - ALL GYPSUM WALL BOARD INSTALLED BEHIND PLUMBING FIXTURES SHALL BE WATER RESISTANT.

NOTE:
GC TO SUBMIT COORDINATION DRAWING BETWEEN STRUCTURAL, FRAMING, MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, FIRE ALARM, SHIELDING, AND GE BEFORE SHOP DRAWING APPROVALS.
GC TO CLARIFY IN BID DOCUMENTS HOW COORDINATION DRAWINGS WILL BE PRODUCED.



PARTITION LEGEND:

- INDICATES AN EXISTING MEMBRANE OF PARTITION OR PARTITION TO BE REMOVED. REFER TO DEMOLITION PLAN FOR FURTHER REQUIREMENTS.
- INDICATES AN EXISTING PARTITION TO REMAIN. REFER TO PLAN FOR UPGRADE REQUIREMENTS.
- INDICATES AN EXISTING 1 HOUR SMOKE BARRIER
- INDICATES AN EXISTING SMOKE PARTITION
- INDICATES AN EXISTING ONE HOUR FIRE RATED PARTITION TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
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- INDICATES AN EXISTING TWO HOUR RATED FIRE BARRIER TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- INDICATES A NEW SMOKE BARRIER
- INDICATES A NEW SMOKE PARTITION
- INDICATES A NEW ONE HOUR RATED FIRE PARTITION EXTENDING TO THE UNDERSIDE OF THE STRUCTURE ABOVE. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
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- INDICATES A NEW SMOKE BARRIER
- INDICATES A NEW SMOKE PARTITION
- THICK LINE INDICATES NEW SURFACE FINISH.
- INDICATES AN EXISTING STRUCTURAL CONCRETE WALL TO REMAIN. LOCATE REINFORCING STEEL AND OBTAIN APPROVAL FROM STRUCTURAL ENGINEER PRIOR TO CORING AND/OR CUTTING.
- WALL TYPE REFERENCE REFER TO SHEET A5-10.

PARTITION NOTES:

- ALL DIMENSIONS SHOWN ARE TO FINISHED SURFACE OF FINISHES INSTALLED ON GYP. BOARD. TYPICAL U.O.A. REFER TO SHEET A5-10 FOR GENERAL NOTES AND REQUIREMENTS FOR PARTITIONS.
- EXISTING WALLS WERE CONSTRUCTED WITH MANY PERMITS AND/OR CONTRACTS. FIELD VERIFY CONSTRUCTION AND WIDTH PRIOR TO FABRICATION OF DOOR FRAMES OR COMPONENTS WHICH REQUIRE THE WIDTH OF WALL TO BE SET.
- SEE SHEET A5-00 FOR FIRE PENETRATION DETAILS.

STANDARD STEEL STUDS, NAILS, SCREWS, CONDUIT, PIPING, DRAINS AND OTHER HARDWARE ARE ACCEPTABLE IF PROPERLY SECURED. ANY LOOSE STEEL OBJECTS CAN BE VIOLENTLY ACCELERATED INTO THE BORE OF THE MAGNET. CAREFUL THOUGHT SHOULD BE GIVEN TO THE SELECTION OF LIGHT FIXTURES, CABINETS, WALL DECORATIONS, ETC. TO MINIMIZE THIS POTENTIAL HAZARD. FOR SAFETY, ALL REMOVABLE ITEMS WITHIN THE MAGNET ROOM SUCH AS FAUCET HANDLES, DRAIN COVERS, SWITCH BOX COVER PLATES, LIGHT FIXTURE COMPONENTS, MOUNTING SCREWS, ETC. MUST BE NON-MAGNETIC. IF YOU HAVE A SPECIFIC QUESTION ABOUT MATERIAL, BRING IT TO THE ATTENTION OF YOUR GE PROJECT MANAGER OF INSTALLATIONS.

TCMC MRI

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5	DESIGN CHANGES	11/24/2020
6	ACD 0001 DESIGN CHANGES	4/14/2021

REV.	DESCRIPTION	DATE

CONSULTANT

OSHPD APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

SHEET TITLE:
1/4" PARTIAL FLOOR PLAN

PROJECT TITLE:
TCMC MRI

PROJECT # 01907.01
DRAWN BY: Author
CHECKED BY: Checker
SCALE: PER TITLE
DATE: 3/11/2020

A4-11

FLOOR PLAN KEYNOTES:

- INSTALL NEW WALL PER PLAN. SEE DETAILS ON SHEET A5-10.
- INSTALL NEW PLUMBING FIXTURES. REF PLUMBING DWG.
- INFILL CORRIDOR WALL WITH 1 HOUR WALL PRIME FINISHES.
- PATCH PAINT PRIME AND STUCCO COLUMN TO MATCH.
- INSTALL A NEW DOOR. SEE DOOR SCHEDULE A6-00.
- INSTALL NEW RF SHIELDING WALL.
- BORDER OF NEW SHIELDED FLOOR.
- PASS THROUGH CABINET. w/ LOUVERED DOORS.
- CUSTOM MILL WORK. WOOD CABINETS w/ PLASTIC LAMINATE.
- LIMITS OF THE 5 GAUSS MAGNET INFLUENCE.
- INSTALL REMOVABLE STOREFRONT w/ DOOR AND WINDOW. ROOF 8'-0"
- NEW ACCESSIBLE SINK.
- HAND WAVE READER DOOR OPERATOR.

- MRI QUENCH VENT AND INSULATION. REF TO MECH DRAWINGS AND EJ A/AS-00.
- 24" x 18" 1 HOUR RATED ACCESS PANEL.
- MRI EQUIPMENT STORAGE INCLUDING BREAST TREATMENT, VACUUM, & AIR MATTRESS PUMP. HUMIDIFIER. SEE PLUMBING & MECH. & ELECT. DWGS.
- MRI LINEN STORAGE.
- OUTPATIENT TEMPORARY WHEELCHAIR STORAGE.
- NEW SYSTEM FURNITURE. ADJUSTABLE HEIGHT DESK.
- ETR. BUILDING EXPANSION JOINT.
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- EXISTING DESK.
- METAL DETECTOR.
- NEW PLUMBING FIXTURES & ACCESSORIES. MODIFY EXG PIPING THE WALL FOR NEW LOCATION OF EXISTING FIXTURE. PATCH FLR TO FIN. TO MATCH EXG.

- EXG SALVAGED, MODIFIED COUNTER, SINKS, & ACCESSORIES.
- PROVIDE SISTER STUDS PER DETAIL 6/S1-2 NEW LAYER OF WATER RESISTANT GWB. PAINTED & WALL TILE TO MATCH EXG. SEE SHEET 1,2,3/A4-42.
- INSTALL SISTER STUDS AND BACKING PER STRUCTURAL DRAWING 6,10/S1-2. PRIME AND PAINT TO MATCH EXG.
- WELD PAINTED STEEL @ EDGE OF COUNTER. SEE DETAIL 6/A5-80.
- RELOCATE EXG TOILET AND ACCESSORIES. PROVIDE BACKING PER 10/S1-2. DWG. SEE PLUMBING DWG. SEAL HOLES WITH GROUT.
- NEW PATIENT STORAGE LOCKER.
- STAFF LOCKABLE STORAGE LOCKERS & SHERIFF LOCKED LOCKER.
- CRASH CART.
- PAN FLUSHING DEVICE. REF PLUMBING DWG.
- NON FERROUS GURNEY / BED. BY OWNER (TYP.)
- CONCRETE PADS TO BE PAINTED. SCRIBE SHEET VINYL TO EDGE.
- CARD READER DOOR OPERATOR.

- NEW FLOOR SINK. SEE 1/P3-01.
- CONCRETE INFILL PER DETAIL 10/S1-1.
- KNEE WALL UNDER COUNTER TO ENCLOSE SINK WASTE LINE. PER 10/A5-80.
- ETR. ELECTRICAL PANEL.
- FINISH TO MATCH ADJACENT EXISTING.
- BUILD UP FLR. DEPRESSIONS w/ CEMENTITIOUS LEVELING ARDEX COMPOUND TO ENSURE MAX. OF 3/8" BTWN BOT. OF DOOR & FIN. FLR. OR TOP OF METAL THRESHOLD IF USED.
- 1/8"=1'-0" MAX SLOPE TO TRANSITION BTWN DOOR AND ADJ. FLR.
- REFER TO A4-00, A4-10 & ID2.0 FOR FLR. FIN. REMOVAL & NEW INSTALL BOUNDARIES FOR FLR. LEVELING.
- MRI GRADE FIRE EXTINGUISHER REF. 2/A1-03 DRAWINGS AND 4/S4-1 FOR ANCHORAGE.

GENERAL NOTES:

- THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
- REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.

GENERAL FLOOR PLAN NOTES:

- THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
- THE GENERAL CONTRACTOR SHALL COORDINATE ALL PHASING, ACCESS, DEBRIS REMOVAL, STAGING AREAS AND HOURS OF CONSTRUCTION WITH OWNER PRIOR TO START OF CONSTRUCTION.
- THE GENERAL CONTRACTOR SHALL COORDINATE WITH STRUCTURAL, MEP, FIRE ALARM, FIRE PROTECTION, NURSE CALL, INTERIORS AND EQUIPMENT DRAWINGS PRIOR TO STARTING CONSTRUCTION. THE PROJECT MANUAL AND ALL DRAWINGS IN THE CONSTRUCTION DRAWINGS SHALL BE PART OF THE CONSTRUCTION DOCUMENTS.
- THE GENERAL CONTRACTOR SHALL SEPARATE DISSIMILAR METALS WITH BUILDING PAPER OR PLASTIC SHIM.
- THE GENERAL CONTRACTOR SHALL X-RAY AND/OR ULTRASOUND THE EXISTING CONCRETE FLOORS AND FLOOR ABOVE FOR ANY POSSIBLE EMBEDDED CONDUITS, STRUCTURAL REBAR OR UNFORESEEN CONDITION THAT IS OUTSIDE THE SCOPE OF WORK AND MIGHT IMPEDE THE ANCHORING OF EQUIPMENT OR CONFLICT WITH TRENCHING PRIOR TO CONSTRUCTION.
- REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.
- CONTRACTOR STAGING TO BE IN THE ROOMS UNDER REMODEL.
- CONTRACTOR PARKING TO BE IN CONTRACTOR DESIGNATED PARKING AREA.
- THE CONTRACTOR SHALL ENSURE THAT THE AREA UNDER REMODEL IS LOCKED AND OTHERWISE SECURED AFTER HOURS.
- VERIFY ALL DIMENSIONS WITH EQUIPMENT SCHEDULE PRIOR TO START OF CONSTRUCTION.
- REFER TO EQUIPMENT PLAN, CEILING PLAN, INTERIOR ELEVATIONS AND ROOM FINISH SCHEDULE ALONG WITH MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, AND FIRE ALARM SECTIONS FOR FURTHER DESCRIPTION OF SCOPE OF WORK.
- REFER TO FINISH PLAN AND SCHEDULE AND INTERIOR DESIGN DOCUMENTS FOR TYPES OF FINISHES.
- FOR DOOR INFORMATION REFER TO DOOR SCHEDULE, SHEET A6-00.
- REFER TO SHEETS A0-01 & A1-01 & A1-02 & A1-03 FOR ACCESSIBILITY REQUIREMENTS.
- PROVIDE ACOUSTICAL INSULATION IN ALL NEW WALL ASSEMBLIES.
- THE GENERAL CONTRACTOR SHALL VERIFY THE LEVELNESS OF THE SLAB AT ALL NEW DOOR LOCATIONS PRIOR TO CONSTRUCTION. APPLY LEVELING MATERIAL AS NECESSARY DURING CONSTRUCTION TO ACHIEVE MAX. OF 3/8" CLEARANCE FROM FINISH FLOOR TO UNDERSIDE OF NEW DOOR. REPLACE FINISHES TO MATCH EXISTING AS NEEDED.
- THE GENERAL CONTRACTOR SHALL SEISMICALLY ANCHOR ALL EXISTING AND NEW BUILDING SYSTEMS ABOVE CEILING INCLUDING BUT NOT LIMITED TO DUCTWORK, ELECTRICAL CONDUITS AND TRAYS, SPRINKLER PIPES, PLUMBING PIPES, ETC. REFER TO A0-00 FOR MORE INFORMATION.
- ALL GYPSUM WALL BOARD INSTALLED BEHIND PLUMBING FIXTURES SHALL BE WATER RESISTANT.

PARTITION LEGEND:

- INDICATES AN EXISTING MEMBRANE OF PARTITION OR PARTITION TO BE REMOVED. REFER TO DEMOLITION PLAN FOR FURTHER REQUIREMENTS.
- INDICATES AN EXISTING PARTITION TO REMAIN. REFER TO PLAN FOR UPGRADE REQUIREMENTS.
- INDICATES AN EXISTING 1 HOUR SMOKE BARRIER
- INDICATES AN EXISTING SMOKE PARTITION
- INDICATES AN EXISTING ONE HOUR FIRE RATED PARTITION TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
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- INDICATES AN EXISTING TWO HOUR RATED FIRE BARRIER TO REMAIN. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- INDICATES A NEW SMOKE BARRIER
- INDICATES A NEW SMOKE PARTITION
- INDICATES A NEW ONE HOUR RATED FIRE PARTITION EXTENDING TO THE UNDERSIDE OF THE STRUCTURE ABOVE. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- INDICATES A NEW ONE HOUR RATED FIRE BARRIER EXTENDING TO THE UNDERSIDE OF THE STRUCTURE ABOVE. ALL PENETRATIONS SHALL BE PROTECTED WITH A U.L LISTED FIRE STOP SYSTEM.
- THICK LINE INDICATES NEW SURFACE FINISH.
- INDICATES AN EXISTING STRUCTURAL CONCRETE WALL TO REMAIN. LOCATE REINFORCING STEEL AND OBTAIN APPROVAL FROM STRUCTURAL ENGINEER PRIOR TO CORING AND/ OR CUTTING.
- WALL TYPE REFERENCE REFER TO SHEET A5-10.

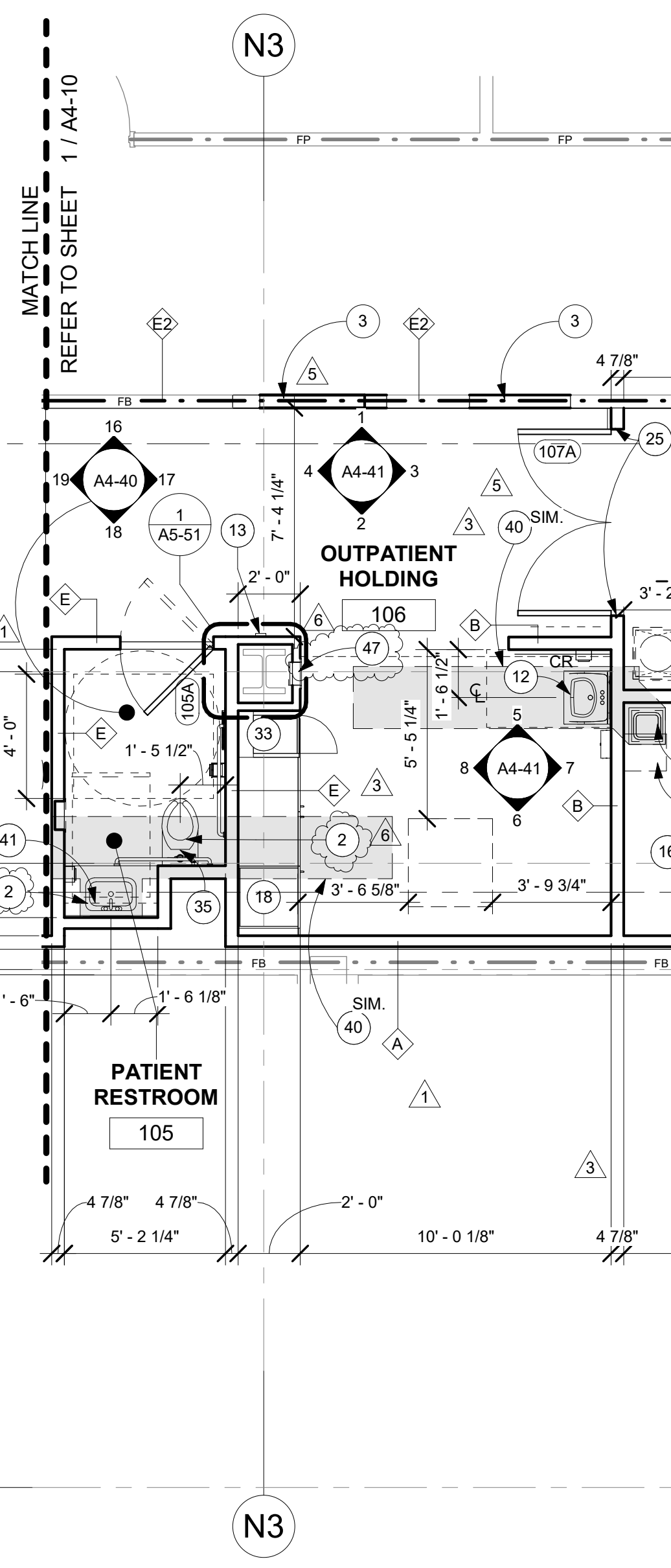
PARTITION NOTES:

- ALL DIMENSIONS SHOWN ARE TO FINISHED SURFACE OF FINISHES INSTALLED ON GYP. BOARD, TYPICAL U.O.N. REFER TO SHEET A5-10 FOR GENERAL NOTES AND REQUIREMENTS FOR PARTITIONS.
- EXISTING WALLS WERE CONSTRUCTED WITH MANY PERMITS AND/OR CONTRACTS. FIELD VERIFY CONSTRUCTION AND WIDTH PRIOR TO FABRICATION OF DOOR FRAMES OR COMPONENTS WHICH REQUIRE THE WIDTH OF WALL TO BE SET.
- SEE SHEET A5-00 FOR FIRE PENETRATION DETAILS.

NOTE:
GC TO SUBMIT COORDINATION DRAWING BETWEEN STRUCTURAL FRAMING, MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, FIRE ALARM, SHIELDING, AND GE BEFORE SHOP DRAWING APPROVALS.
GC TO CLARIFY IN BID DOCUMENTS HOW COORDINATION DRAWINGS WILL BE PRODUCED.

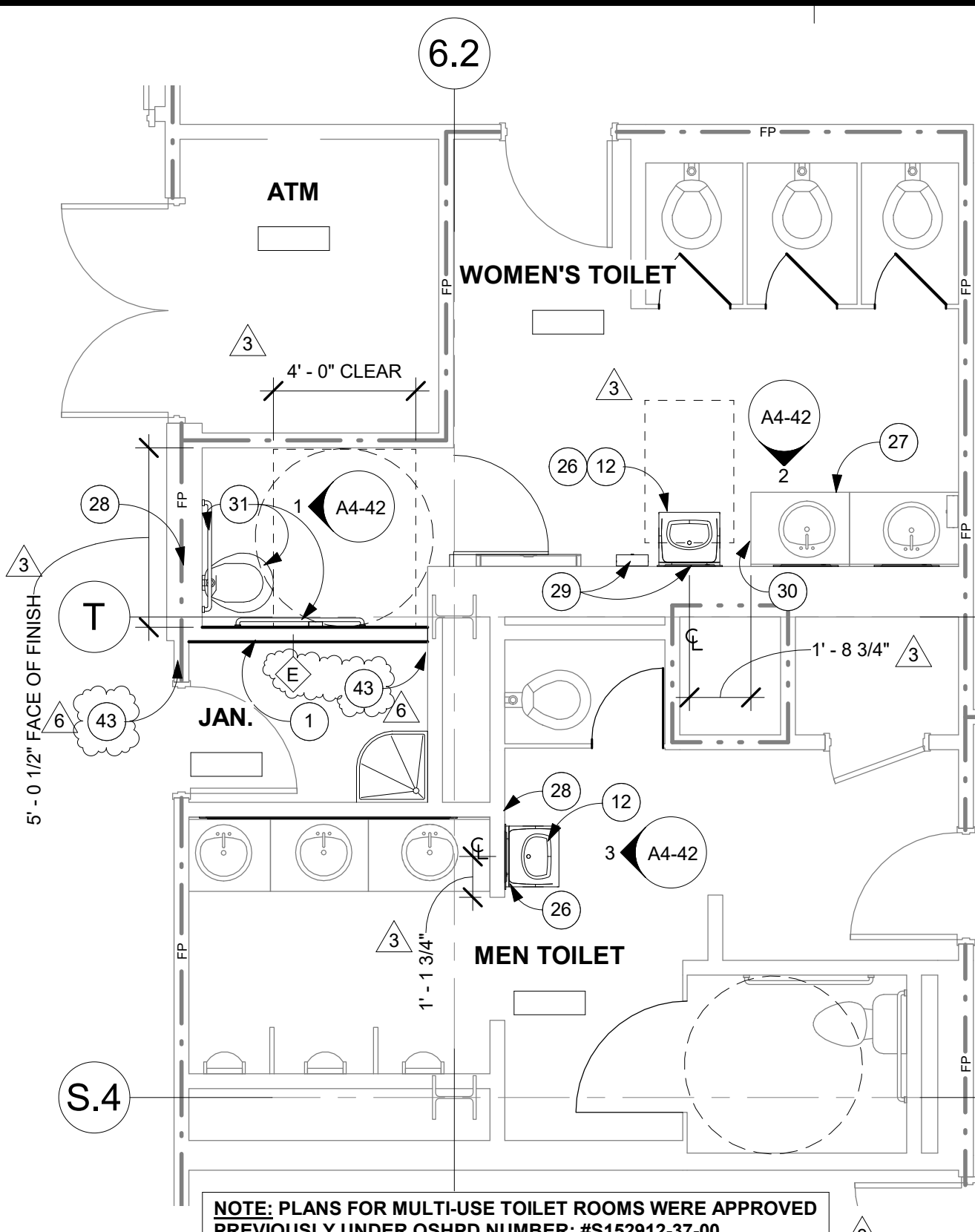
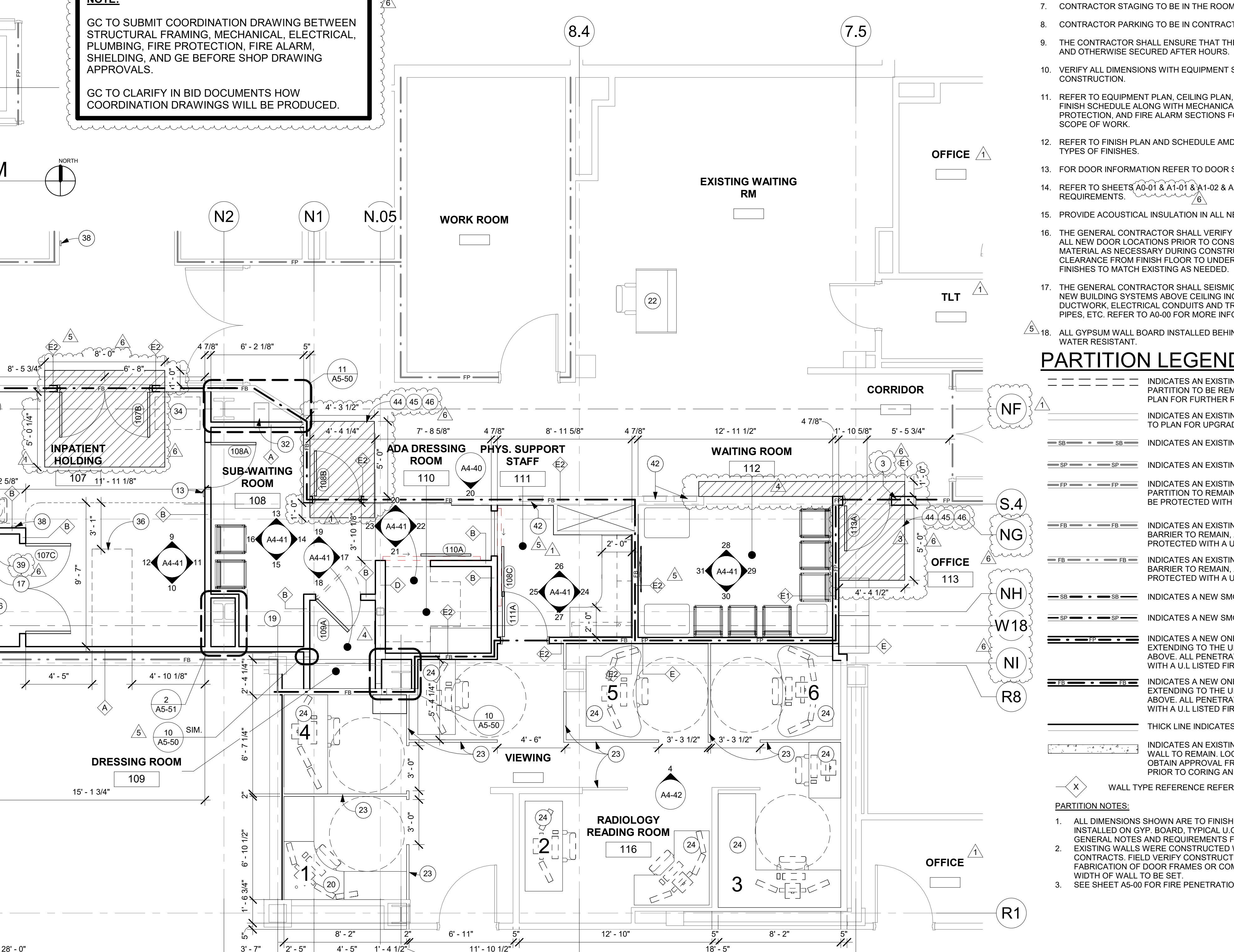
2 FIRST FLOOR PLAN - RESTROOM

1/4" = 1'-0"



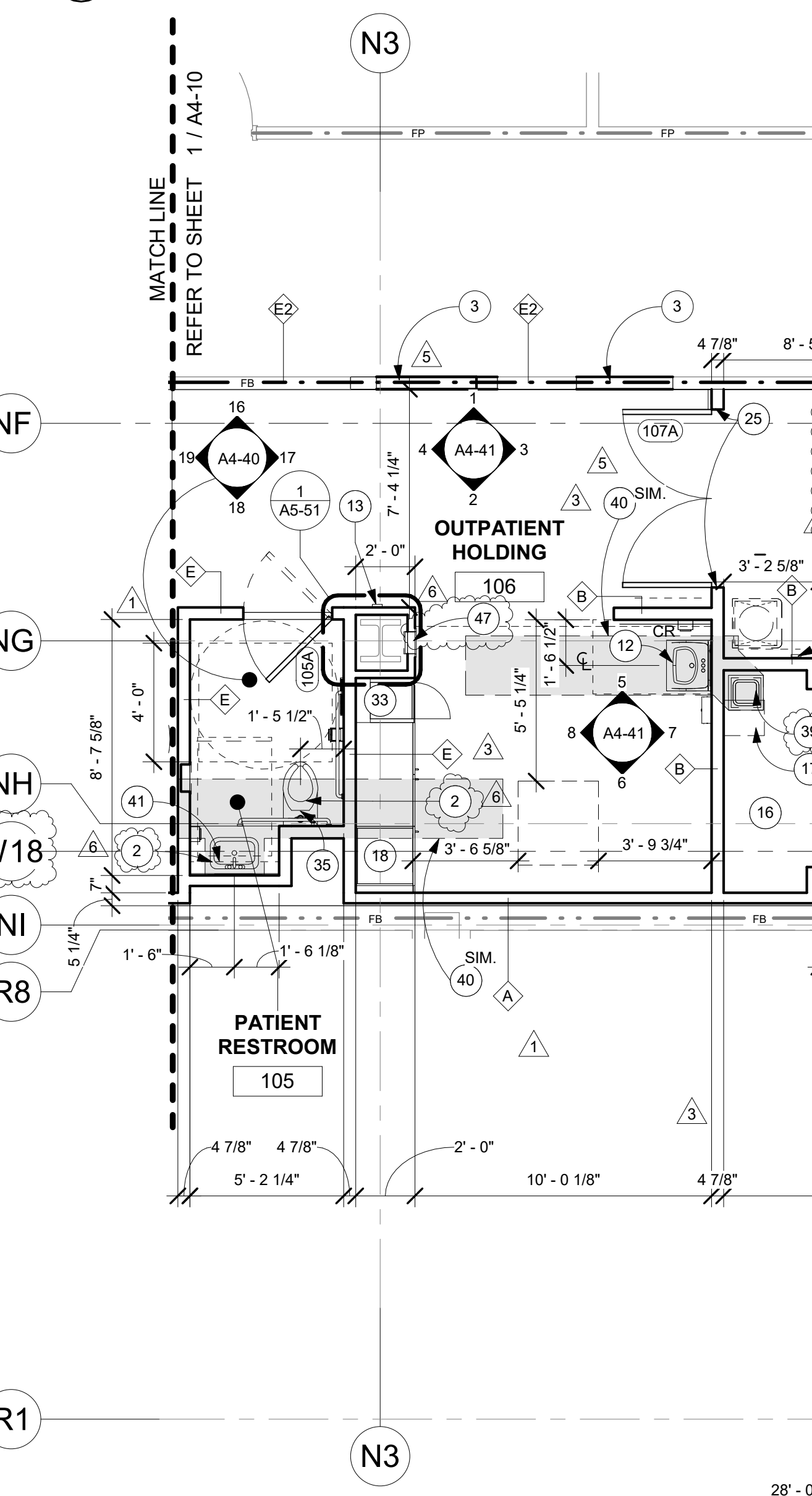
1 FIRST FLOOR PLAN - EAST

1/4" = 1'-0"



2 FIRST FLOOR PLAN - RESTROOM

1/4" = 1'-0"



1 FIRST FLOOR PLAN - EAST

1/4" = 1'-0"

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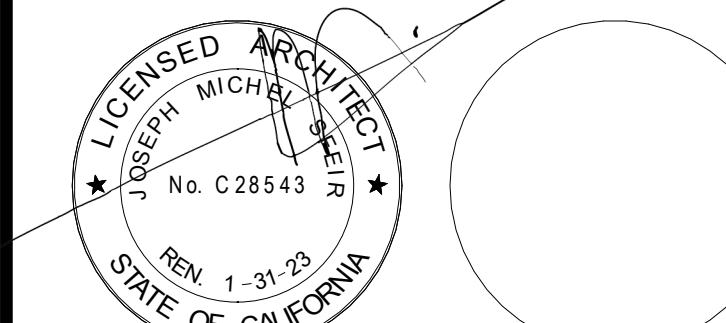
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MATERIAL LEGEND:

- 2' X 2' ACOUSTICAL CEILING TILE WITH TEGULAR EDGE
- SUSPENDED GYP. BOARD CEILING
- 2X4 RECESSED LAY-IN LED LIGHT FIXTURE PROVIDE (2) SLACK SAFETY WIRES AT DIAGONAL CORNERS
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- RECESSED "CAN" LIGHT PROVIDE (1) SLACK SAFETY WIRE
- RECESSED "CAN" LIGHT DIRECTED TOWARD WALL PROVIDE (1) SLACK SAFETY WIRE
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- SMOKE DETECTOR PROVIDE (1) SLACK SAFETY WIRE
- PAGING SPEAKER PROVIDE (1) SLACK SAFETY WIRE
- AUDIBLE NURSE CALL PROVIDE (1) SLACK SAFETY WIRE
- 2'-0" RETURN AIR
- RETURN AIR OR EXHAUST PROVIDE (2) SLACK SAFETY WIRES AT DIAGONAL CORNERS
- 3'-0" SUPPLY AIR DIFFUSER
- SUPPLY AIR DIFFUSER PROVIDE (2) SLACK SAFETY WIRES AT DIAGONAL CORNERS
- 2'x2' CEILING ACCESS PANEL
- 1'x1' CEILING ACCESS PANEL
- 1'x1' CEILING EXHAUST
- 1' x 1' CEILING HVAC SUPPLY
- 1' x 1' CEILING HVAC SUPPLY
- PERIMETER LED CEILING LIGHT
- CAMERA
- SPRINKLER
- AUDIBLE NURSE CALL
- DOME LIGHT

GENERAL NOTES:

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 - B. GENERAL CONTRACTOR SHALL COORDINATE PHASING, ACCESS, DEBRIS REMOVAL, STAGING AREAS, AND HOURS OF CONSTRUCTION WITH OWNER PRIOR TO START OF CONSTRUCTION.
 - C. UNLESS OTHERWISE NOTED, CONTRACTOR SHALL COORDINATE WITH THE OWNER THE REMOVAL OF EXISTING EQUIPMENT INDICATED ON DRAWINGS.
 - D. GENERAL CONTRACTOR SHALL COORDINATE WITH STRUCTURAL, MEP, FIRE ALARM, FIRE PROTECTION, NURSE CALL, INTERIORS, AND EQUIPMENT DRAWINGS PRIOR TO STARTING CONSTRUCTION. THE PROJECT MANUAL AND ALL DRAWINGS IN THE CONSTRUCTION DOCUMENTS SHALL BE PART OF THE CONSTRUCTION DOCUMENTS.
 - E. DASHED LINES INDICATE ITEMS TO BE DEMOLISHED OR REMOVED. REFER TO RELATED PLANS, INCLUDING THE FLOOR PLANS, EQUIPMENT PLAN, CEILING PLANS, AND ROOM FINISH SCHEDULE ALONG WITH MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION FOR PORTIONS OF EXISTING CONSTRUCTION SCHEDULED TO REMAIN.
 - F. REFER TO PROPOSED PLANS AND INTERIOR ELEVATIONS FOR LOCATION OF NEW WALL CONNECTIONS, OPENINGS, RECESSED ITEMS, BACKING PLATES, ETC. AT EXISTING WALLS. REMOVE GYPSUM BOARD WHERE NEEDED TO ACCOMMODATE THE ABOVE WORK.
 - G. GENERAL CONTRACTOR SHALL X-RAY AND/OR ULTRASOUND THE EXISTING CONCRETE FLOORS AND FLOOR ABOVE FOR ANY POSSIBLE EMBEDDED CONDUITS, STRUCTURAL REBAR, OR UNFORESEEN CONDITIONS OUTSIDE THE SCOPE OF WORK THAT MIGHT IMPEDE THE ANCHORING OF EQUIPMENT OR CONFLICT WITH TRENCHING PRIOR TO CONSTRUCTION.
 - H. TYPICALLY CAP AND CLOSE ALL ABANDONED OPENINGS AT EXISTING SLAB. FILL AND PATCH TO LEVEL FLOOR PER DETAILS ON STRUCTURAL SHEETS. NOTIFY ARCHITECT OF UNCOVERED EXISTING CONDITIONS.
 - I. GENERAL CONTRACTOR SHALL INSTALL A TEMPORARY DUST/INFECTION CONTROL BARRIER BETWEEN WORK AREA AND ALL ADJACENT ROOMS AND CORRIDORS. INSTALL TEMPORARY CURTAIN OF FIRE-RETARDANT VISQUEEN IN THE PLENUM BETWEEN TOP OF STUD PARTITION AND UNDERSIDE OF DECK ABOVE. SEAL ALL OPENINGS INCL. DOORS, AIR SUPPLIES, RETURNS, AND EXHAUST GRILLES. GENERAL CONTRACTOR SHALL PROVIDE A TEMPORARY HEPA FILTRATION SYSTEM WITH NEGATIVE PRESSURE FOR EACH AREA OF THE REMODEL. EXHAUST FILTERED AIR FROM ROOMS UNDER CONSTRUCTION THROUGH BUILDING AIR RETURN SYSTEM. GENERAL CONTRACTOR TO COORDINATE BARRIER TYPE, ACCESS, AND FILTRATION SYSTEM WITH OWNER.
 - J. TEMPORARY CONSTRUCTION BARRIERS ARE REQUIRED TO BE INSTALLED DURING CONSTRUCTION OR RECONSTRUCTION OF FIRE-RESISTIVE ASSEMBLIES AND SHALL MEET THE SAME FIRE RATING AS THE SPECIFIC PERMANENT PARTITION. TEMPORARY INSTALLATIONS SHALL MAINTAIN ADEQUATE EGRESS IN COMPLIANCE WITH THE CBC AND SHALL NOT OBSTRUCT EXISTING EXITS, CREATE A FIRE HAZARD, OR REDUCE REQUIRED FIRE RESISTANCE.
 - K. CONTRACTOR PARKING TO BE IN THE ROOMS UNDER REMODEL.
 - L. CONTRACTOR STAGING TO BE IN CONTRACTOR DESIGNATED PARKING AREA.
 - M. THE CONTRACTOR SHALL ENSURE THAT THE AREA UNDER REMODEL IS LOCKED AND OTHERWISE SECURED AFTER HOURS.
 - N. DRILLING AND RAM-SETTING TO BE DONE AFTER HOURS.
 - O. GENERAL CONTRACTOR SHALL PRESERVE AND PROTECT THE PORTIONS OF THE EXISTING OVERHEAD PAGING, TELEPHONE, DATA, ELECTRICAL LINES, ETC. DURING THE COURSE OF CONSTRUCTION. MANY OF THESE SYSTEMS ARE SCHEDULED FOR REUSE BY THE OWNER UNDER THIS OR SEPARATE CONTRACTS.
 - P. PATCH NEW WORK TO MATCH AND ALIGN WITH EXISTING. COMPLETELY REMOVE EXISTING FINISHES WHERE NEW FINISHES ARE SCHEDULED.
 - Q. CONTRACTOR SHALL PRESERVE AND PROTECT THE EXISTING AREA, EQUIPMENT, CABINETRY, ETC. ADJACENT TO THE AREA OF WORK.

RCP DEMOLITION KEYNOTES:

- 1 REMOVE CEILING ACOUSTIC CEILING TILE & DISPOSE.
- 2 REMOVE EXISTING LIGHT FIXTURES & DISPOSE.
- 3 REMOVE EXISTING MECHANICAL GRILLES.
- 4 REMOVE EXISTING MIRROR.
- 5 PENETRATE THE CONCRETE METAL DECK FOR MECHANICAL DUCT. REFER TO MECHANICAL DRAWINGS
- 6 REMOVE EXISTING FIRE SPRINKLER.
- 7 REMOVE EXISTING PAGING SPEAKER.
- 8 LIMIT OF WORK.
- 9 ETR. MECHANICAL GRILLES.
- 10 EXISTING LEAK IN CEILING. FIND AND FIX.
- 11 ETR. ACOUSTICAL CEILING TILE.
- 12 ETR. BUILDING EXPANSION JOINT.
- 13 ETR. SPRINKLER HEAD.
- 14 ETR. LIGHTING FIXTURE.
- 15 ETR. SPEAKER.
- 16 ETR. GYPSUM BOARD CEILING.
- 17 REMOVE PART OF THE GYPSUM BOARD CEILING PER PLAN. PIPE PENETRATION IN STEEL DECK ABOVE SEE DETAIL
- 18 ETR. GYPSUM BOARD BOX OUT.
- 19 ETR. FIRE ALARM.
- 20 REMOVE STEEL DECK ABOVE. SEE 2/A5-50 AND 1/S1-4.
- 21 SALVAGE LIGHT TO BE REINSTALLED.

NO.	DESCRIPTION	DATE
1	OSHPD COMMENTS	8/3/2020
2	DESIGN CHANGES	8/10/2020
3	OSHPD COMMENTS	10/2/2020
4	OSHPD COMMENTS	11/24/2020
5	DESIGN CHANGES	11/24/2020
6	ACD 0001 DESIGN CHANGES	4/14/2021

REV.	DESCRIPTION	DATE

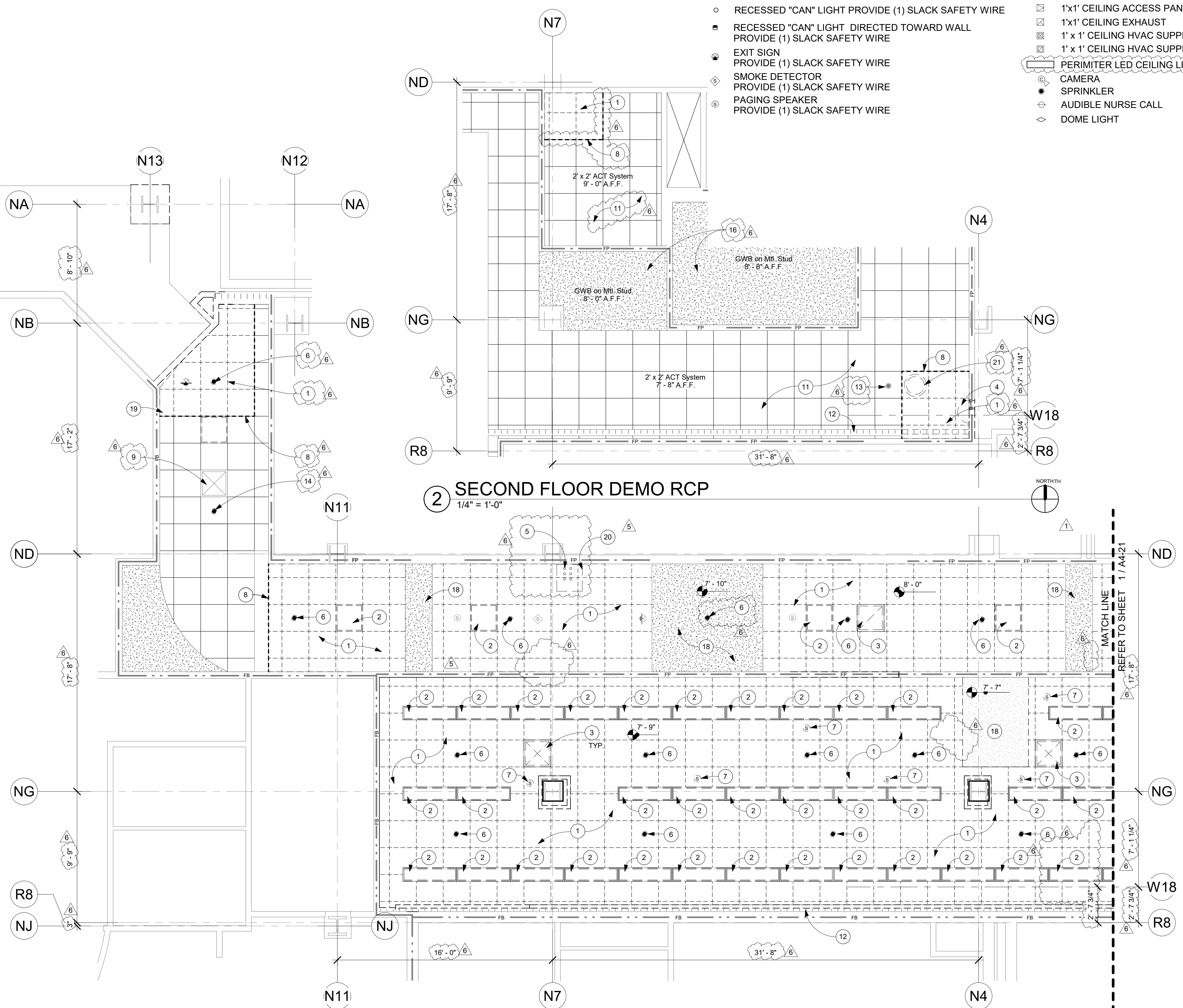
OSHPD APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

SHEET TITLE:
1/4" PARTIAL DEMO RCP

PROJECT TITLE:
TCMC MRI

PROJECT # 01907.01
DRAWN BY: Author
CHECKED BY: Checker
SCALE: PER TITLE
DATE: 3/11/2020

SHEET NUMBER:
A4-20



1 FIRST FLOOR DEMO RCP - WEST
1/4" = 1'-0"

2 SECOND FLOOR DEMO RCP
1/4" = 1'-0"

TCMC MRI

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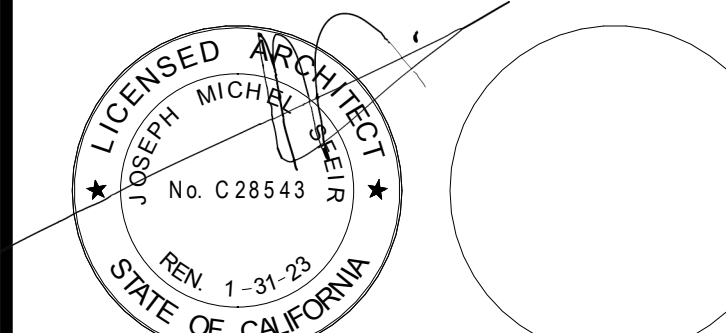
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MATERIAL LEGEND:

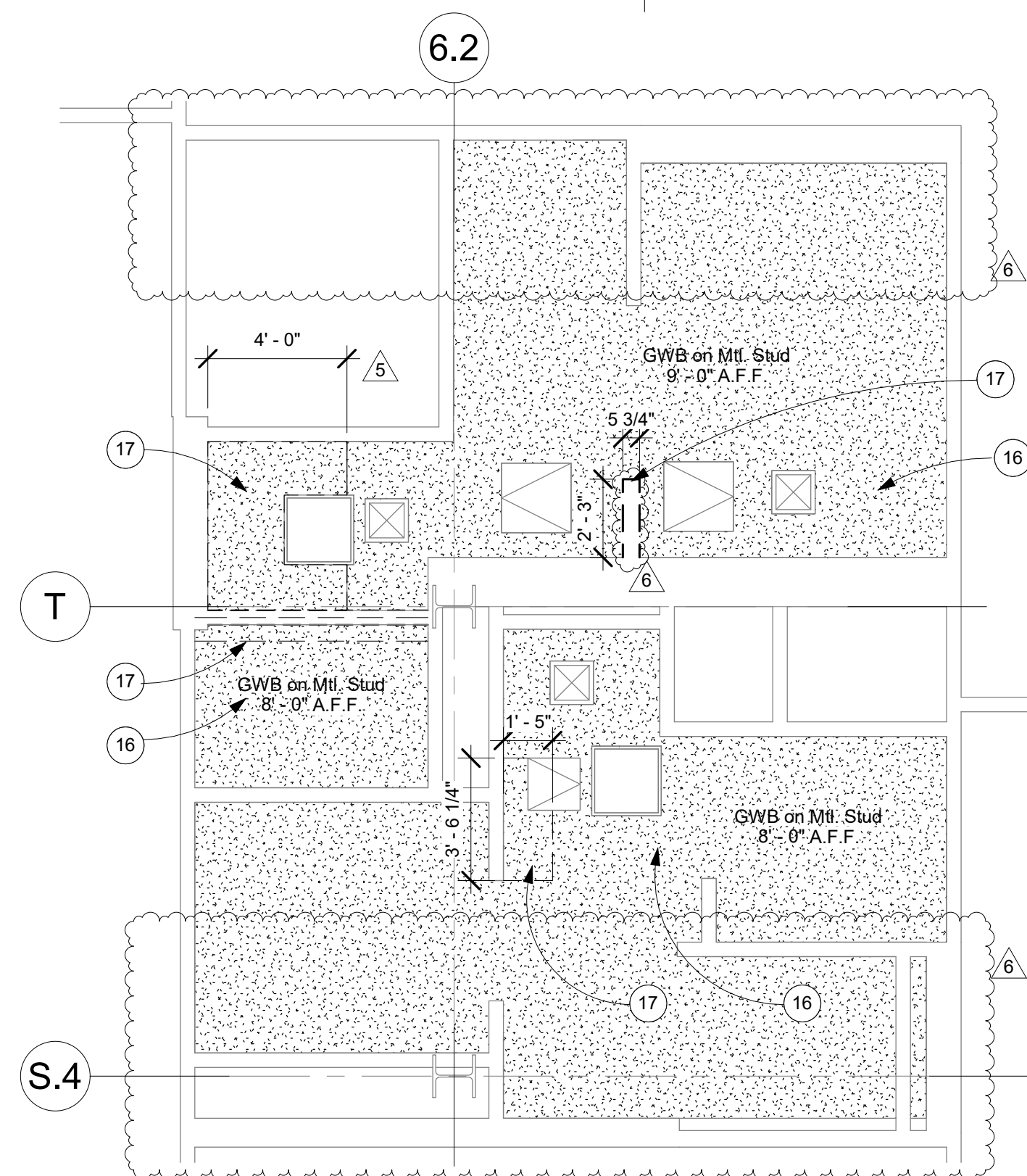
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GENERAL NOTES:

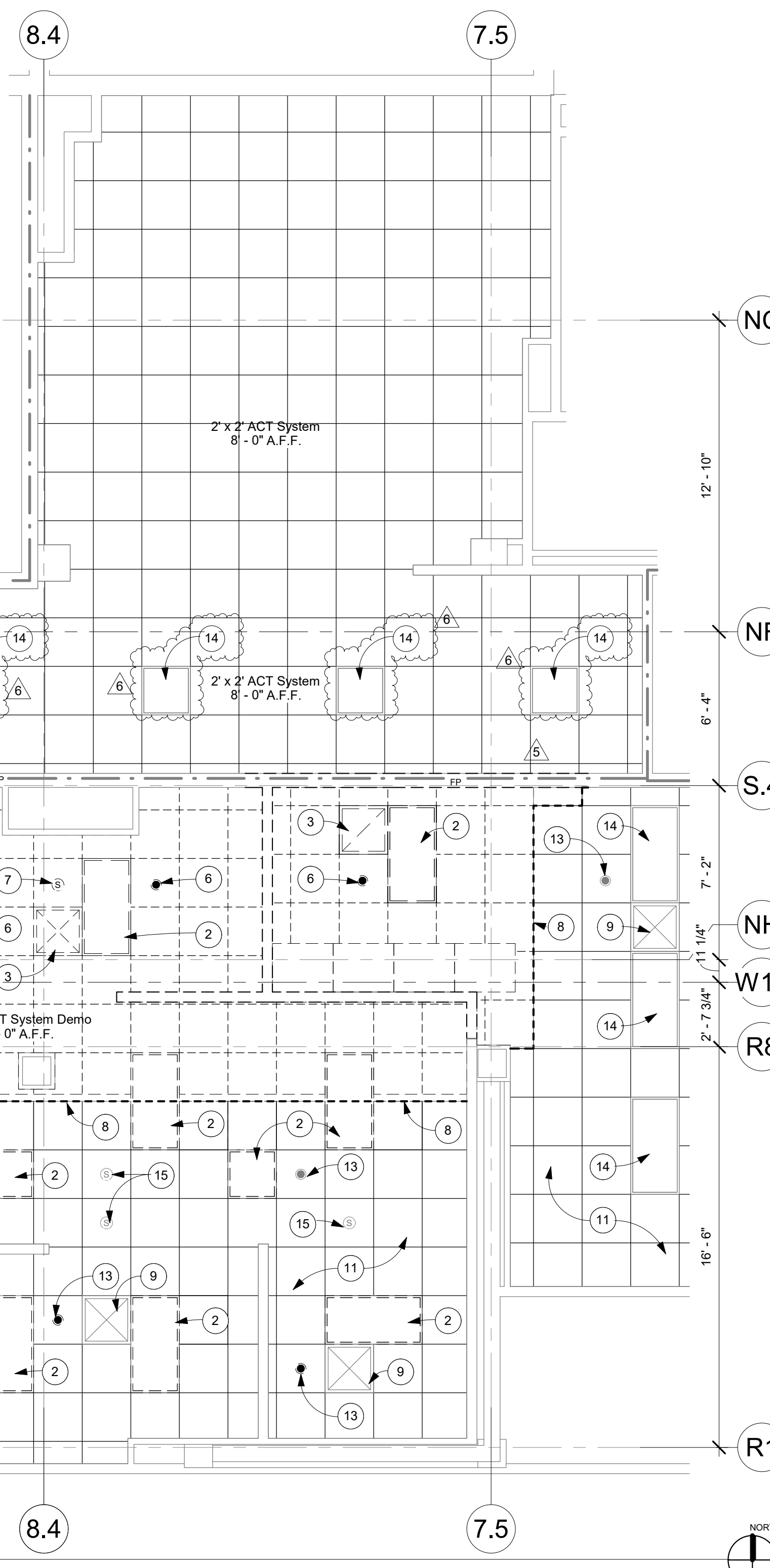
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 - L. CONTRACTOR PARKING TO BE IN CONTRACTOR DESIGNATED PARKING AREA.
 - M. THE CONTRACTOR SHALL ENSURE THAT THE AREA UNDER REMODEL IS LOCKED AND OTHERWISE SECURED AFTER HOURS.
 - N. DRILLING AND RAM-SETTING TO BE DONE AFTER HOURS.
 - O. GENERAL CONTRACTOR SHALL PRESERVE AND PROTECT THE PORTIONS OF THE EXISTING OVERHEAD PANELING, TELEPHONE, DATA, ELECTRICAL LINES, ETC. DURING THE COURSE OF CONSTRUCTION. MANY OF THESE SYSTEMS ARE SCHEDULED FOR REUSE BY THE OWNER UNDER THIS OR SEPARATE CONTRACTS.
 - P. PATCH NEW WORK TO MATCH AND ALIGN WITH EXISTING. COMPLETELY REMOVE EXISTING FINISHES WHERE NEW FINISHES ARE SCHEDULED.
 - Q. CONTRACTOR SHALL PRESERVE AND PROTECT THE EXISTING AREA, EQUIPMENT, CABINETRY, ETC. ADJACENT TO THE AREA OF WORK.

RCP DEMOLITION KEYNOTES:

- 1 REMOVE CEILING ACOUSTIC CEILING TILE & DISPOSE.
- 2 REMOVE EXISTING LIGHT FIXTURES & DISPOSE.
- 3 REMOVE EXISTING MECHANICAL GRILLES.
- 4 REMOVE EXISTING MIRROR.
- 5 PENETRATE THE CONCRETE METAL DECK FOR MECHANICAL DUCT. REFER TO MECHANICAL DRAWINGS.
- 6 REMOVE EXISTING FIRE SPRINKLER.
- 7 REMOVE EXISTING PAGING SPEAKER.
- 8 LIMIT OF WORK.
- 9 ETR. MECHANICAL GRILLES.
- 10 EXISTING LEAK IN CEILING. FIND AND FIX.
- 11 ETR. ACOUSTICAL CEILING TILE.
- 12 ETR. BUILDING EXPANSION JOINT.
- 13 ETR. SPRINKLER HEAD.
- 14 ETR. LIGHTING FIXTURE.
- 15 ETR. SPEAKER.
- 16 ETR. GYPSUM BOARD CEILING.
- 17 REMOVE PART OF THE GYPSUM BOARD CEILING PER PLAN, PIPE PENETRATION IN STEEL DECK (ABOVE SEE DETAIL)
- 18 ETR. GYPSUM BOARD BOX OUT.
- 19 ETR. FIRE ALARM.
- 20 REMOVE STEEL DECK ABOVE. SEE 2/A5-50 AND 1/S1-4.
- 21 SALVAGE LIGHT TO BE REINSTALLED.



2 FIRST FLOOR DEMO RCP - RESTROOM
1/4" = 1'-0"



1 FIRST FLOOR DEMO RCP - EAST
1/4" = 1'-0"

TCMC MRI

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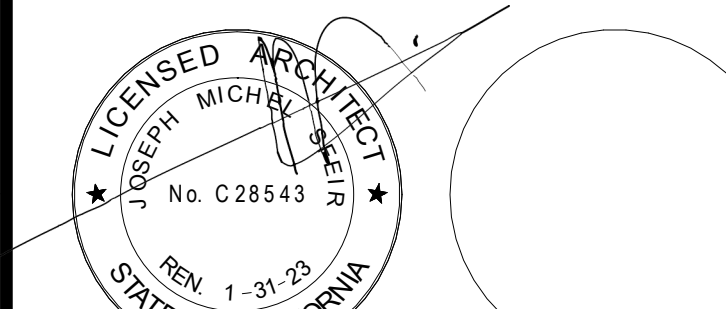
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4	OSHPD COMMENTS	11/24/2020
5	DESIGN CHANGES	11/24/2020
6	ACD 0001 DESIGN CHANGES	4/14/2021

REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

SHEET TITLE:
1/4" PARTIAL RCP

PROJECT TITLE:
TCMC MRI

PROJECT #
01907.01
DRAWN BY:
Author
CHECKED BY:
Checker
SCALE:
PER TITLE
DATE:
3/11/2020

A4-30

MATERIAL LEGEND:

- 2' X 2' ACOUSTICAL CEILING TILE WITH TEGULAR EDGE
- SUSPENDED GYP. BOARD CEILING
- 2X4 RECESSED LAY-IN LED LIGHT FIXTURE PROVIDE (2) SLACK SAFETY WIRES AT DIAGONAL CORNERS
- 2X2 RECESSED LAY-IN LED LIGHT FIXTURE PROVIDE (2) SLACK SAFETY WIRES AT DIAGONAL CORNERS
- RECESSED "CAN" LIGHT PROVIDE (1) SLACK SAFETY WIRE
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- EXIT SIGN PROVIDE (1) SLACK SAFETY WIRE
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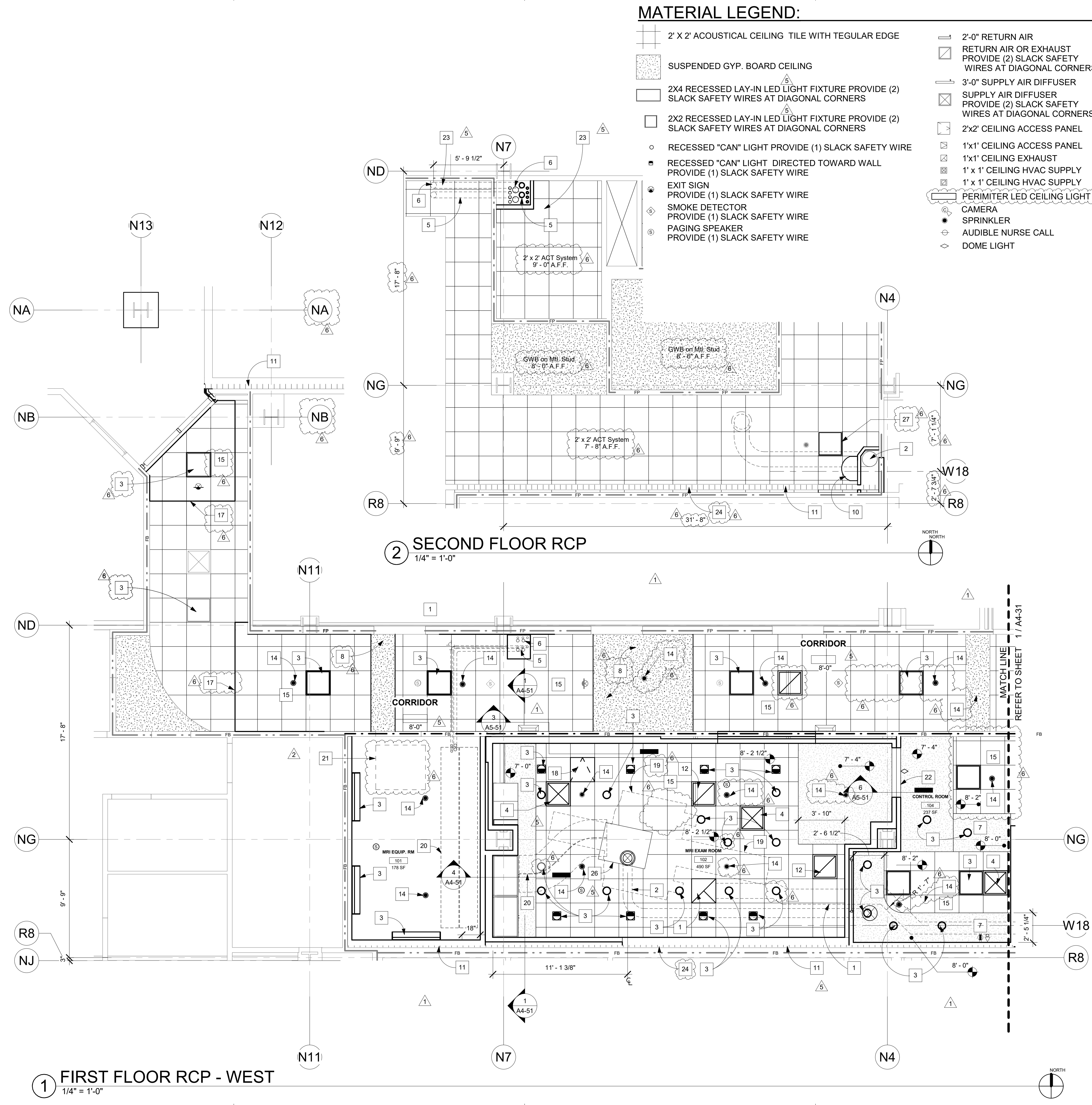
GENERAL NOTES:

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- ETR. BLDG E.J.
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- INSTALL A HOSPITAL CURTAIN. FOR GYP REF 13/A5-60. FOR ACT REF 9/A5-70
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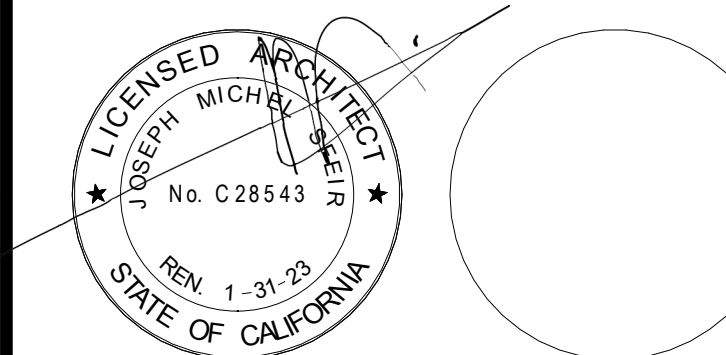
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A4-31

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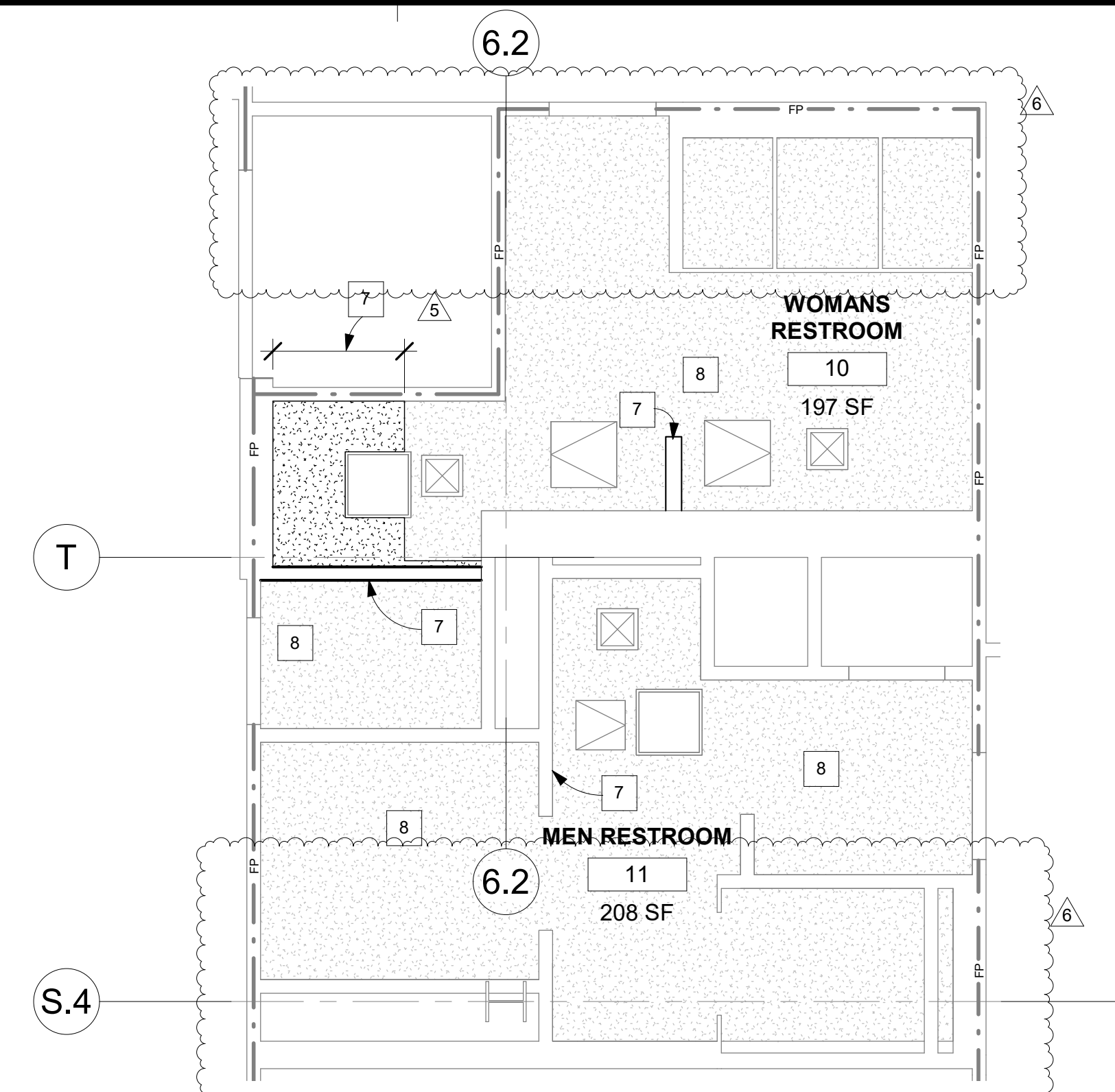
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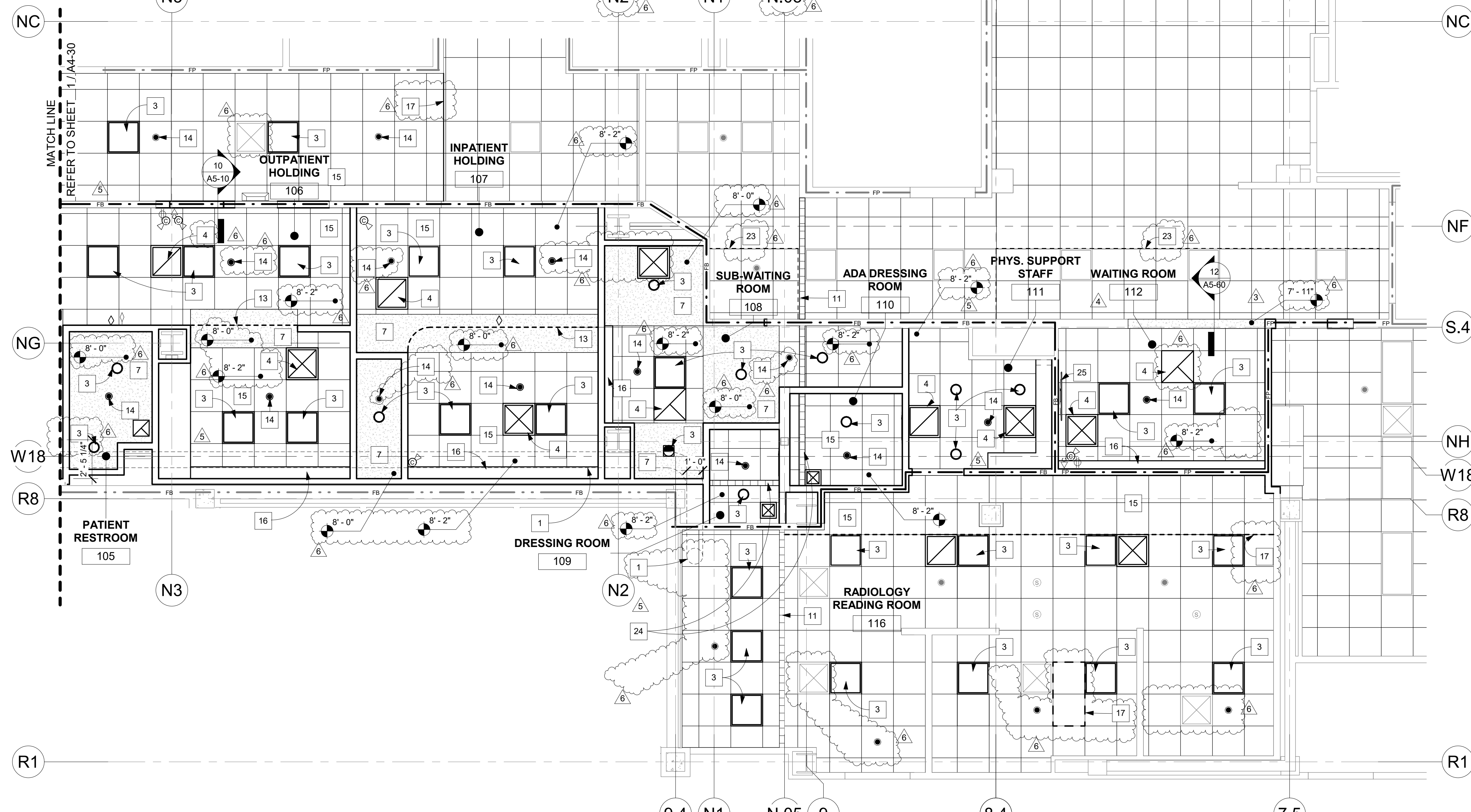
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1/4" = 1'-0"



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ELEVATION KEYNOTES:

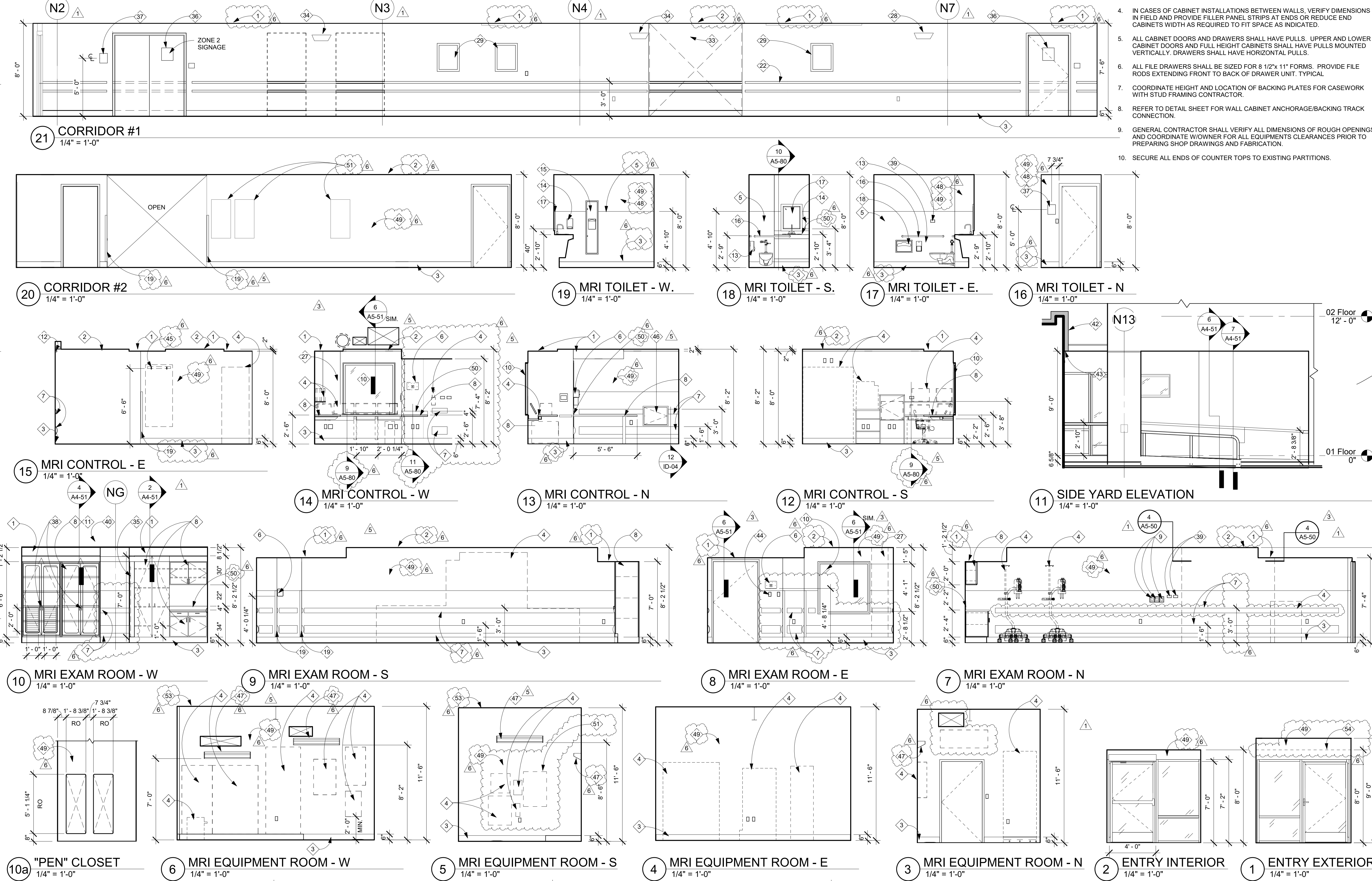
- 1 GWB SOFFIT CEILING.
- 2 ACT CEILING TILE
- 3 BASE BOARD TYP.
- 4 MRI EQUIPMENT. TYP.
- 5 WALL TILE. MATCH EXISTING.
- 6 MAGNET SHUT DOWN BUTTON. ANCHOR INTO BACKING PLATE PER 10/S1-2.
- 7 CRASH RAIL. TYP.
- 8 NEW CASEWORK/COUNTERTOP. SEE SHEET A5-80 FOR DETAILS.
- 9 MEDICAL GAS LINES. SEE PLUMBING DWGS.
- 10 OBSERVATION WINDOW.
- 11 EQUIPMENT. TRANSFER CABINET.
- 12 PERIMETER LIGHTING.
- 13 TOILET PAPER DISPENSER
- 14 SOAP DISPENSER.
- 15 PAPER TOWEL DISPENSER.
- 16 1 1/2" ADA GRAB BARS ANCHORED INTO BOBRICK FASTENING PLATE SHOWN ON 10/A5-80, ANCHORED INTO BACKING PLATE PER 10/S1-2.
- 17 MIRROR.
- 18 SEAT COVER DISPENSER.
- 19 CORNER GUARD.
- 20 SHERIFF LOCKER. SEE DETAIL 4/A5-80.
- 21 LOCKERS / VALUABLE STORAGE. SEE DETAIL 4/A5-80.
- 22 CHAIR RAIL. TYP.
- 23 CUSTOM WOOD BENCH.
- 24 TV. MOUNTED TO THE WALL WITH BACKING PLATE PER STRUCTURAL DETAIL 10/S1-2.
- 25 REINSTALL EXG. TOILET ROOM ACCESSORY.
- 26 NEW BATHROOM FIXTURE.
- 27 NON-FERROUS WALL CABLE TRAY.
- 28 ETR. WALL SCONCES
- 29 CORNER GUARD.
- 30 QUENCH VENT DUCTING PATH BEHIND SHAFT WALL.
- 31 CONDENSATE AND CHILLER PIPES BEHIND THE WALL.
- 32 NEW WALL PER PLAN.
- 33 RELOCATE WALL MOUNTED FIRE ALARM.
- 34 WALL SCONCES TO BE REMOVED AND REINSTALLED.
- 35 PATIENT BED SLIDE.
- 36 MRI WARNING / ZONE SIGNAGE PER DETAIL 9/A6-00.
- 37 ROOM NAME & NUMBER SIGN.
- 38 PROVIDE A LOCK.
- 39 NURSE CALL DEVICE. REF. SHEET NC-000.
- 40 CABLE TRAY. SIDE BY SIDE.
- 41 HAND WAVE READER DOOR OPERATOR.
- 42 EXG. EXPANSION JOINT TO REMAIN. TRIM EVEN WITH BOTTOM OF SOFFIT.
- 43 FRICTION FIT AND CAULK IN PLACE 1" HI-DENSITY FOAM INSIDE EXPANSION JOINT CAVITY.
- 44 EXHAUST FAN MANUAL SWITCH.
- 45 SLIDE TRANSFER WITH WALL RACK ANCHORED WITH (2) #10 SMS INTO BACKING PLATE PER DETAIL 10/S1-2.
- 46 24" x 18" 1 HOUR RATED ACCESS PANEL.
- 47 NEW LED LIGHTS.
- 48 NEW MOISTURE RESISTANT GYPSUM WALL BOARD.
- 49 PRIME AND PAINT PARTITION IN ITS ENTIRETY.
- 50 BACKSPLASH.
- 51 ETR ELECTRICAL PANELS.
- 52 WALL PROTECTION
- 53 CONCRETE FLOOR ABOVE.
- 54 LINE OF REMOVABLE AREA AT NEW DOOR.
- 55 MRI RATED FIRE EXTINGUISHER.

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CASEWORK GENERAL NOTES:

- ALL CASEWORK SHALL BE "CUSTOM" GRADE AS DEFINED BY THE WOODWORK INSTITUTE.
- FINISH ALL EXPOSED AND SEMI-EXPOSED SURFACES OF CASEWORK INCLUDING THE INTERIOR OF OPEN CASEWORK AND SHELVING WITH PLASTIC LAMINATE. ALL COUNTERTOPS SHALL BE PLASTIC LAMINATE UNLESS NOTED OTHERWISE.
- BASES ON CASEWORK SHALL BE 4" UNLESS OTHERWISE NOTED. PROVIDE SAME FINISH BASE MATERIAL AS ADJACENT WALLS. EXTEND BASE TO WALL AT ALL CABINET RETURNS AND END PANELS.
- IN CASES OF CABINET INSTALLATIONS BETWEEN WALLS. VERIFY DIMENSIONS IN FIELD AND PROVIDE FILLER PANEL STRIPS AT ENDS OR REDUCE END CABINETS WIDTH AS REQUIRED TO FIT SPACE AS INDICATED.
- ALL CABINET DOORS AND DRAWERS SHALL HAVE PULLS. UPPER AND LOWER CABINET DOORS AND FULL HEIGHT CABINETS SHALL HAVE PULLS MOUNTED VERTICALLY. DRAWERS SHALL HAVE HORIZONTAL PULLS.
- ALL FILE DRAWERS SHALL BE SIZED FOR 8 1/2" x 11" FORMS. PROVIDE FILE RODS EXTENDING FRONT TO BACK OF DRAWER UNIT. TYPICAL
- COORDINATE HEIGHT AND LOCATION OF BACKING PLATES FOR CASEWORK WITH STUD FRAMING CONTRACTOR.
- GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS OF ROUGH OPENINGS AND COORDINATE WITH OWNER FOR ALL EQUIPMENTS CLEARANCES PRIOR TO PREPARING SHOP DRAWINGS AND FABRICATION.
- SECURE ALL ENDS OF COUNTER TOPS TO EXISTING PARTITIONS.



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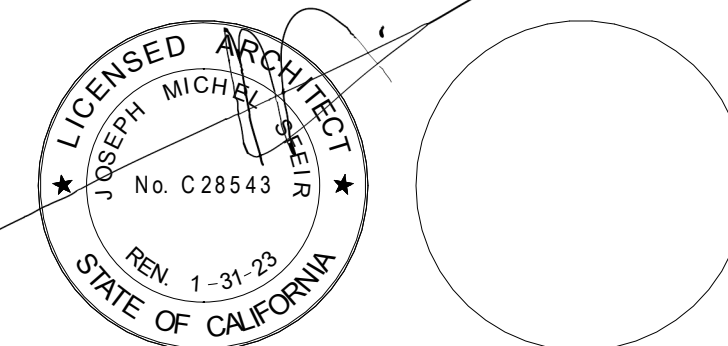
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5	DESIGN CHANGES	11/24/2020
6	ACD 0001 DESIGN CHANGES	4/14/2021

REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

SHEET TITLE:
1/4" INTERIOR ELEVATIONS

PROJECT TITLE:
TCMC MRI

PROJECT # 01907.01
DRAWN BY: _____
CHECKED BY: _____
SCALE: _____
DATE: 3/11/2020

ELEVATION KEYNOTES:

- 1 GWB SOFFIT CEILING.
- 2 ACT CEILING TILE
- 3 BASE BOARD TYP.
- 4 MRI EQUIPMENT. TYP.
- 5 WALL TILE. MATCH EXISTING.
- 6 MAGNET SHUT DOWN BUTTON. ANCHOR INTO BACKING PLATE PER 10/S1-2.
- 7 CRASH RAIL. TYP.
- 8 NEW CASEWORK/COUNTERTOP. SEE SHEET A5-80 FOR DETAILS.
- 9 MEDICAL GAS LINES. SEE PLUMBING DWGS.
- 10 OBSERVATION WINDOW.
- 11 EQUIPMENT. TRANSFER CABINET.
- 12 PERIMETER LIGHTING.
- 13 TOILET PAPER DISPENSER
- 14 SOAP DISPENSER.
- 15 PAPER TOWEL DISPENSER.
- 16 1 1/2" ADA GRAB BARS ANCHORED INTO BOBRICK FASTENING PLATE SHOWN ON 10/A5-80, ANCHORED INTO BACKING PLATE PER 10/S1-2.
- 17 MIRROR.
- 18 SEAT COVER DISPENSER.
- 19 CORNER GUARD.
- 20 SHERIFF LOCKER. SEE DETAIL 4/A5-80.
- 21 LOCKERS / VALUABLE STORAGE. SEE DETAIL 4/A5-80.
- 22 CHAIR RAIL. TYP.
- 23 CUSTOM WOOD BENCH.
- 24 TV. MOUNTED TO THE WALL WITH BACKING PLATE PER STRUCTURAL DETAIL 10/S1-2.
- 25 REINSTALL EXG. TOILET ROOM ACCESSORY.
- 26 NEW BATHROOM FIXTURE.
- 27 NON-FERROUS WALL CABLE TRAY.
- 28 ETR. WALL SCUNCES
- 29 ETR WALL ART. PROTECT DURING CONSTRUCTION.
- 30 QUENCH VENT DUCTING PATH BEHIND SHAFT WALL. CONDENSATE AND CHILLER PIPES BEHIND THE WALL.
- 31 NEW WALL PER PLAN.
- 32 RELOCATE WALL MOUNTED FIRE ALARM. WALL SCUNCES TO BE REMOVED AND REINSTALLED.
- 33 PATIENT BED SLIDE.
- 34 MRI WARNING / ZONE SIGNAGE PER DETAIL 9/A5-00.
- 35 ROOM NAME & NUMBER SIGN.
- 36 PROVIDE A LOCK.
- 37 NURSE CALL DEVICE. REF. SHEET NC-000.
- 38 CABLE TRAY. SIDE BY SIDE.
- 39 HAND WAVE READER DOOR OPERATOR.
- 40 EXG. EXPANSION JOINT TO REMAIN. TRIM EVEN WITH BOTTOM OF SOFFIT.
- 41 FRICTION FIT AND CAULK IN PLACE 1" HI-DENSITY FOAM INSIDE EXPANSION JOINT CAVITY.
- 42 EXHAUST FAN MANUAL SWITCH.
- 43 SLIDE TRANSFER WITH WALL RACK ANCHORED WITH (2) #10 SMS INTO BACKING PLATE PER DETAIL 10/S1-2.
- 44 24" x 18" 1 HOUR RATED ACCESS PANEL.
- 45 NEW LED LIGHTS.
- 46 NEW MOISTURE RESISTANT GYPSUM WALL BOARD.
- 47 PRIME AND PAINT PARTITION IN ITS ENTIRETY.
- 48 BACKSPLASH.
- 49 ETR ELECTRICAL PANELS.
- 50 WALL PROTECTION
- 51 CONCRETE FLOOR ABOVE.
- 52 LINE OF REMOVABLE AREA AT NEW DOOR.
- 53 MRI RATED FIRE EXTINGUISHER.

GENERAL NOTES:

1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
2. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.

CASEWORK GENERAL NOTES:

1. ALL CASEWORK SHALL BE "CUSTOM" GRADE AS DEFINED BY THE WOODWORK INSTITUTE.
2. FINISH ALL EXPOSED AND SEMI-EXPOSED SURFACES OF CASEWORK INCLUDING THE INTERIOR OF OPEN CASEWORK AND SHELVING WITH PLASTIC LAMINATE. ALL COUNTERTOPS SHALL BE PLASTIC LAMINATE UNLESS NOTED OTHERWISE.
3. BASES ON CASEWORK SHALL BE 4" UNLESS OTHERWISE NOTED. PROVIDE SAME FINISH BASE MATERIAL AS ADJACENT WALLS. EXTEND BASE TO WALL AT ALL CABINET RETURNS AND END PANELS.
4. IN CASES OF CABINET INSTALLATIONS BETWEEN WALLS. VERIFY DIMENSIONS IN FIELD AND PROVIDE FILLER PANEL STRIPS AT ENDS OR REDUCE END CABINETS WIDTH AS REQUIRED TO FIT SPACE AS INDICATED.
5. ALL CABINET DOORS AND DRAWERS SHALL HAVE PULLS. UPPER AND LOWER CABINET DOORS AND FULL HEIGHT CABINETS SHALL HAVE PULLS MOUNTED VERTICALLY. DRAWERS SHALL HAVE HORIZONTAL PULLS.
6. ALL FILE DRAWERS SHALL BE SIZED FOR 8 1/2" x 11" FORMS. PROVIDE FILE RODS EXTENDING FRONT TO BACK OF DRAWER UNIT. TYPICAL.
7. COORDINATE HEIGHT AND LOCATION OF BACKING PLATES FOR CASEWORK WITH STUD FRAMING CONTRACTOR.
8. REFER TO DETAIL SHEET FOR WALL CABINET ANCHORAGE/BACKING TRACK CONNECTION.
9. GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS OF ROUGH OPENINGS AND COORDINATE W/OOWNER FOR ALL EQUIPMENTS CLEARANCES PRIOR TO PREPARING SHOP DRAWINGS AND FABRICATION.
10. SECURE ALL ENDS OF COUNTER TOPS TO EXISTING PARTITIONS.

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TCMC MRI

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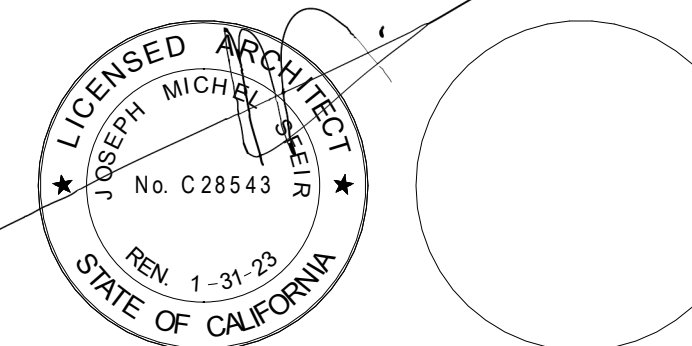
STRUCTURAL: MIYAMOTO INTERNATIONAL, INC.
5550 BALTIMORE DRIVE, SUITE 100
LA MESA, CA 91942
TEL:(858)457-3001

MECHANICAL & PLUMBING: SC ENGINEERS, INC.
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NO.	DESCRIPTION	DATE
1	OSHPD COMMENTS	8/3/2020
2	DESIGN CHANGES	8/10/2020
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4	OSHPD COMMENTS	11/24/2020
5	DESIGN CHANGES	11/24/2020
6	ACD 0001 DESIGN CHANGES	4/14/2021

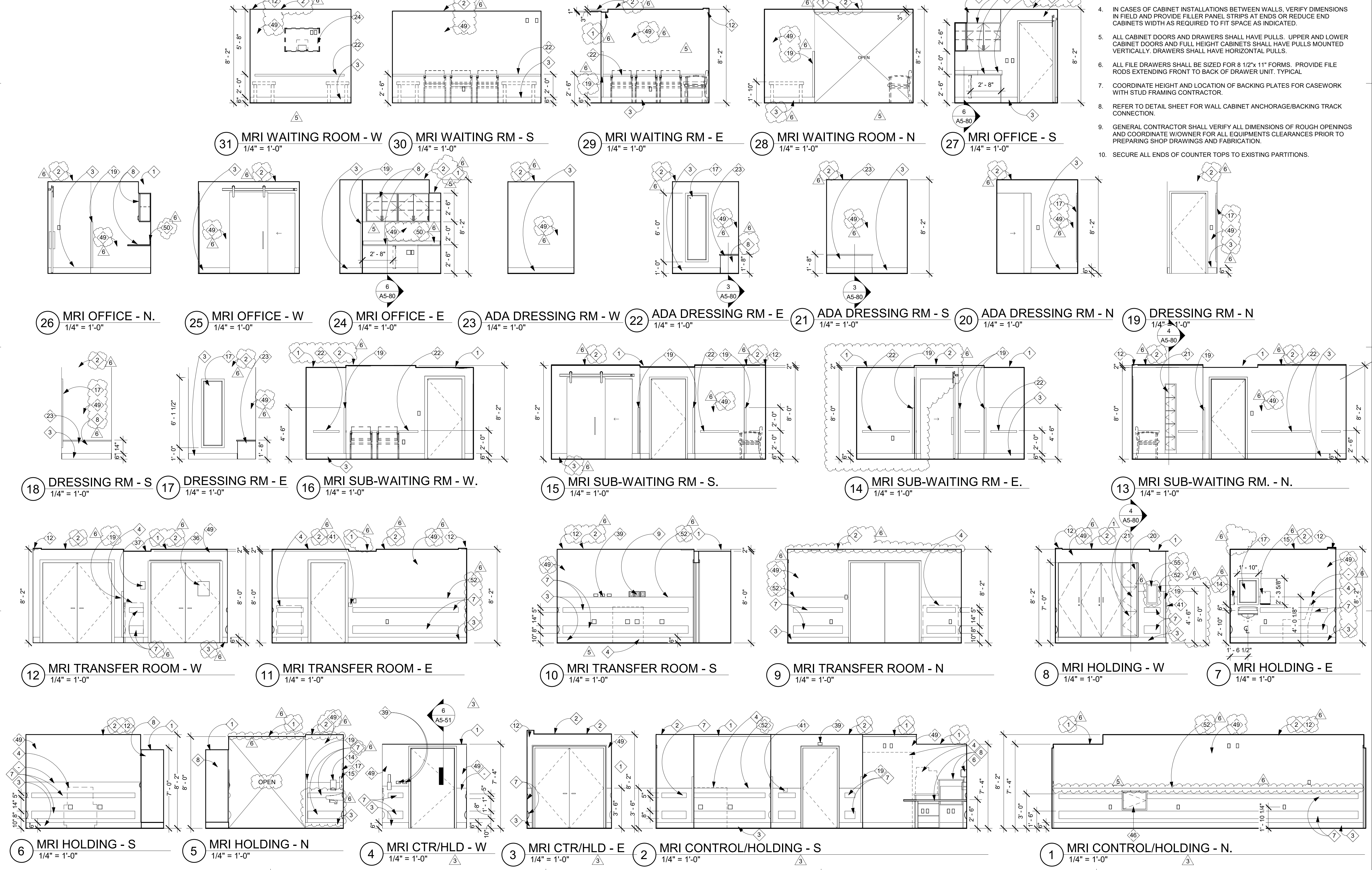
REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

SHEET TITLE:
1/4" INTERIOR ELEVATIONS

PROJECT TITLE:
TCMC MRI

PROJECT # 01907.01
DRAWN BY: Author
CHECKED BY: Checker
SCALE: PER TITLE
DATE: 3/11/2020



ELEVATION KEYNOTES:

- | | | | | | |
|--|--|---|---|--|--|
| 1. GWB SOFFIT CEILING. | 11. EQUIPMENT, TRANSFER CABINET. | 20. SHERIFF LOCKER. SEE DETAIL 4/A5-80. | 30. QUENCH VENT DUCTING PATH BEHIND SHAFT WALL. CONDENSATE AND CHILLER PIPES BEHIND THE WALL. | 40. CABLE TRAY. SIDE BY SIDE. | 49. PRIME AND PAINT PARTITION IN ITS ENTIRETY. |
| 2. ACT CEILING TILE | 12. PERIMETER LIGHTING. | 21. LOCKERS / VALUABLE STORAGE. SEE DETAIL 4/A5-80. | 31. CHAIR RAIL. TYP. | 41. HAND WAVE READER DOOR OPERATOR. EXG. EXPANSION JOINT TO REMAIN. TRIM EVEN WITH BOTTOM OF SOFFIT. | 50. BACKSPLASH. |
| 3. BASE BOARD TYP. | 13. TOILET PAPER DISPENSER | 22. CHAIR RAIL. TYP. | 32. NEW WALL PER PLAN. | 42. FRICTION FIT AND CAULK IN PLACE 1" HI-DENSITY FOAM INSIDE EXPANSION JOINT CAVITY. | 51. ETR ELECTRICAL PANELS. |
| 4. MRI EQUIPMENT. TYP. | 14. SOAP DISPENSER. | 23. CUSTOM WOOD BENCH. | 33. RELOCATE WALL MOUNTED FIRE ALARM. WALL SCONCES TO BE REMOVED AND REINSTALLED. | 43. PATIENT BED SLIDE. | 52. WALL PROTECTION |
| 5. WALL TILE. MATCH EXISTING. | 15. PAPER TOWEL DISPENSER. | 24. TV, MOUNTED TO THE WALL WITH BACKING PLATE PER STRUCTURAL DETAIL 10/S1-2. | 34. MRI WARNING / ZONE SIGNAGE PER DETAIL 9/A6-00. | 44. EXHAUST FAN MANUAL SWITCH. | 53. CONCRETE FLOOR ABOVE. |
| 6. MAGNET SHUT DOWN BUTTON. ANCHOR INTO BACKING PLATE PER 10/S1-2. | 16. 1 1/2" ADA GRAB BARS ANCHORED INTO BOBRICK FASTENING PLATE SHOWN ON 10/A5-80, ANCHORED INTO BACKING PLATE PER 10/S1-2. | 25. REINSTALL EXG. TOILET ROOM ACCESSORY. | 35. NEW BATHROOM FIXTURE. | 45. SLIDE TRANSFER WITH WALL RACK ANCHORED WITH (2) #10 SMS INTO BACKING PLATE PER DETAIL 10/S1-2. | 54. LINE OF REMOVABLE AREA AT NEW DOOR. |
| 7. CRASH RAIL, TYP. | 17. MIRROR. | 26. ETR. WALL SCONCES | 36. NON-FERROUS WALL CABLE TRAY. | 46. NEW LED LIGHTS. | 55. MRI RATED FIRE EXTINGUISHER. |
| 8. NEW CASEWORK/COUNTERTOP. SEE SHEET A5-80 FOR DETAILS. | 18. SEAT COVER DISPENSER. | 27. ETR WALL ART. PROTECT DURING CONSTRUCTION. | 37. PROVIDE A LOCK. | 47. NEW MOISTURE RESISTANT GYPSUM WALL BOARD. | |
| 9. MEDICAL GAS LINES, SEE PLUMBING DWGS. | 19. CORNER GUARD. | | 38. NURSE CALL DEVICE. REF. SHEET NC-000. | | |
| 10. OBSERVATION WINDOW. | | | | | |

GENERAL NOTES:

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TCMC MRI

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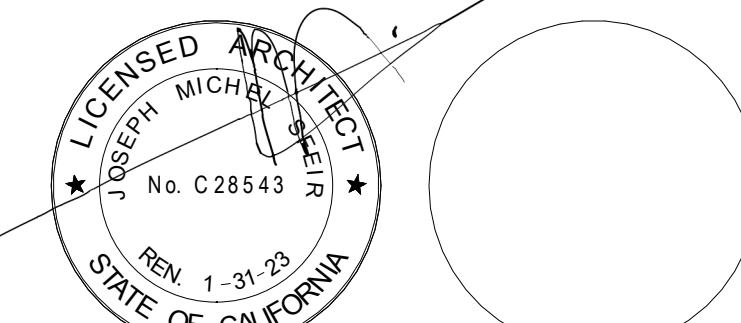
STRUCTURAL: MIYAMOTO INTERNATIONAL, INC.
5550 BALTIMORE DRIVE, SUITE 100
LA MESA, CA 91942
TEL:(858)457-3001

MECHANICAL & PLUMBING: SC ENGINEERS, INC.
17075 VIA DEL CAMPO
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NO.	DESCRIPTION	DATE
1	OSHPD COMMENTS	8/3/2020
2	DESIGN CHANGES	8/10/2020
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6	ACD 0001 DESIGN CHANGES	4/14/2021

REV.	DESCRIPTION	DATE

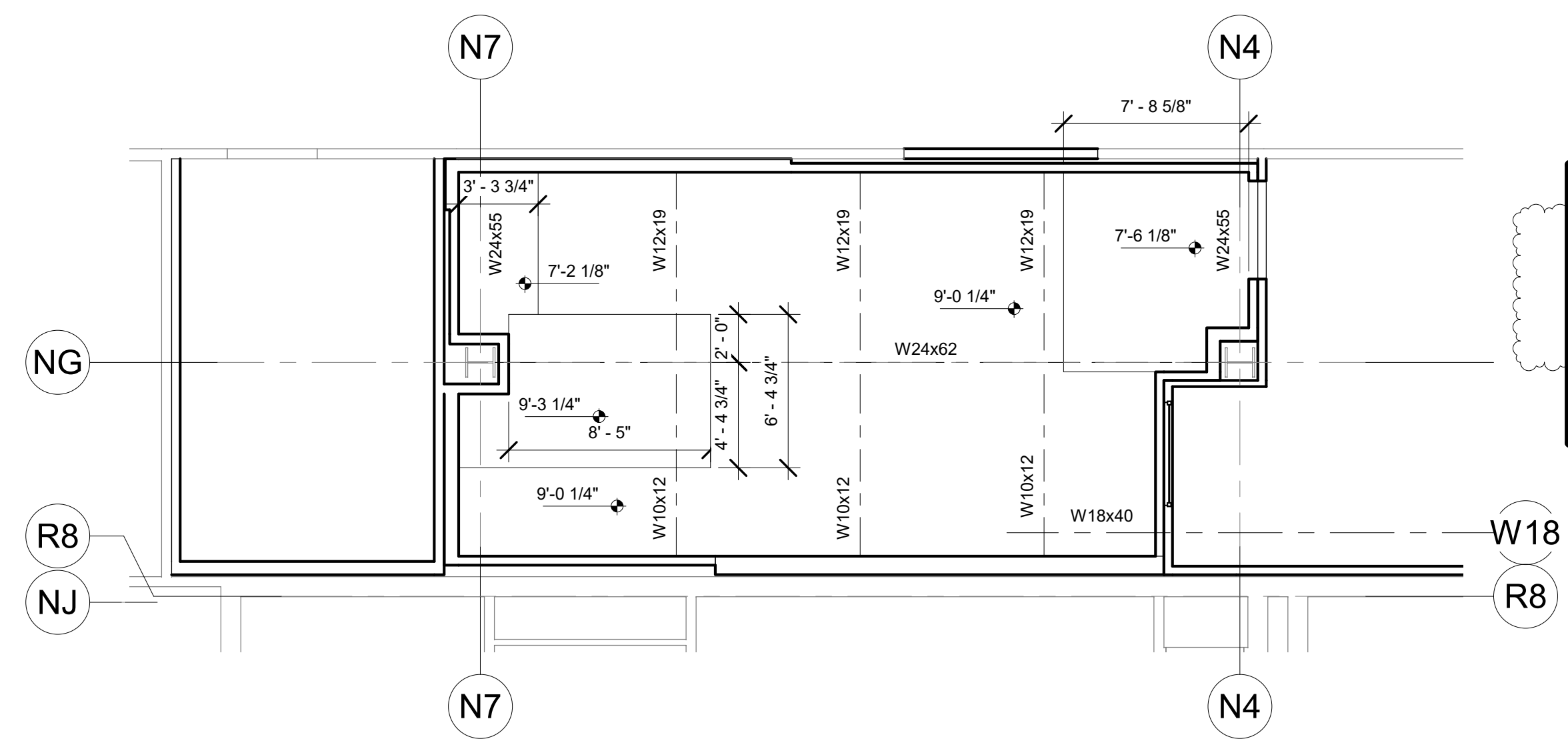
OSHPD APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

SHEET TITLE:
1/4" INTERIOR ELEVATIONS

PROJECT TITLE:
TCMC MRI

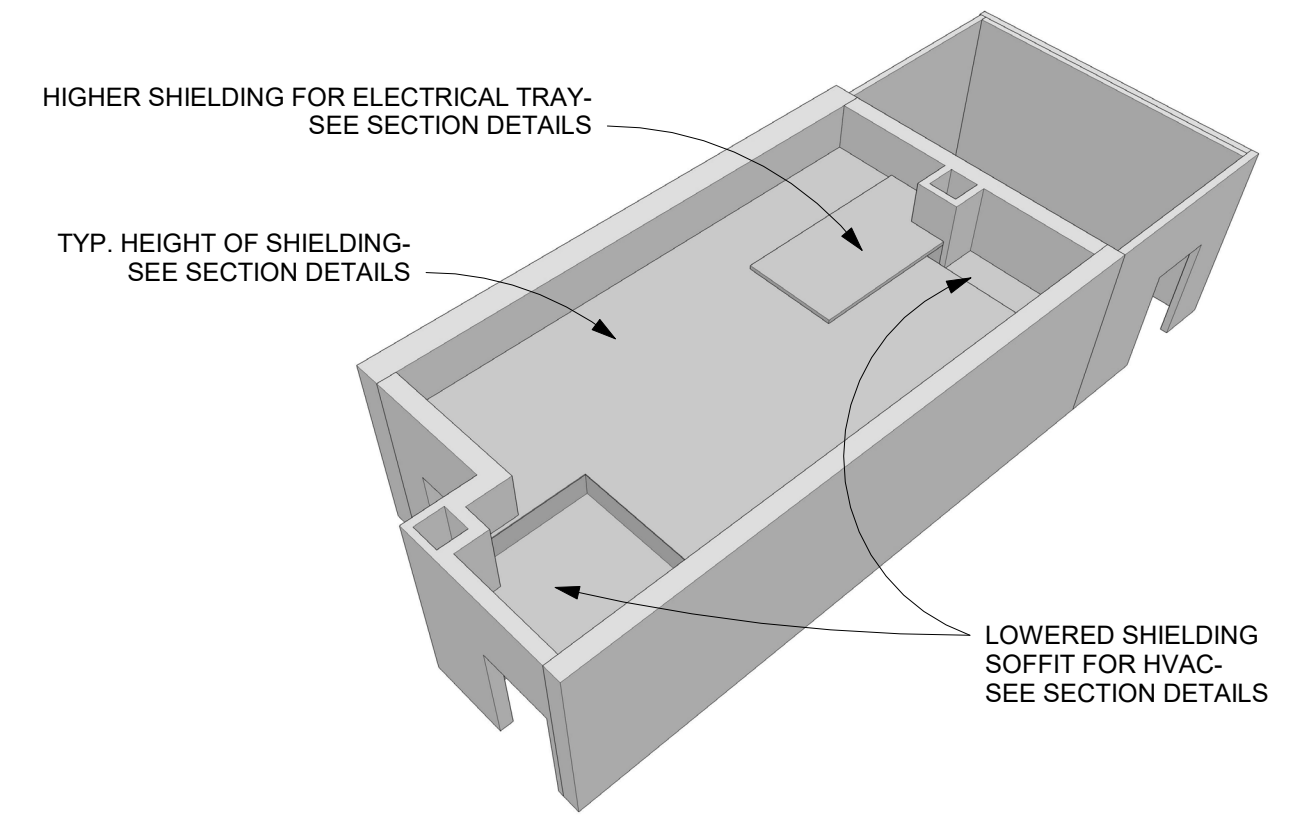
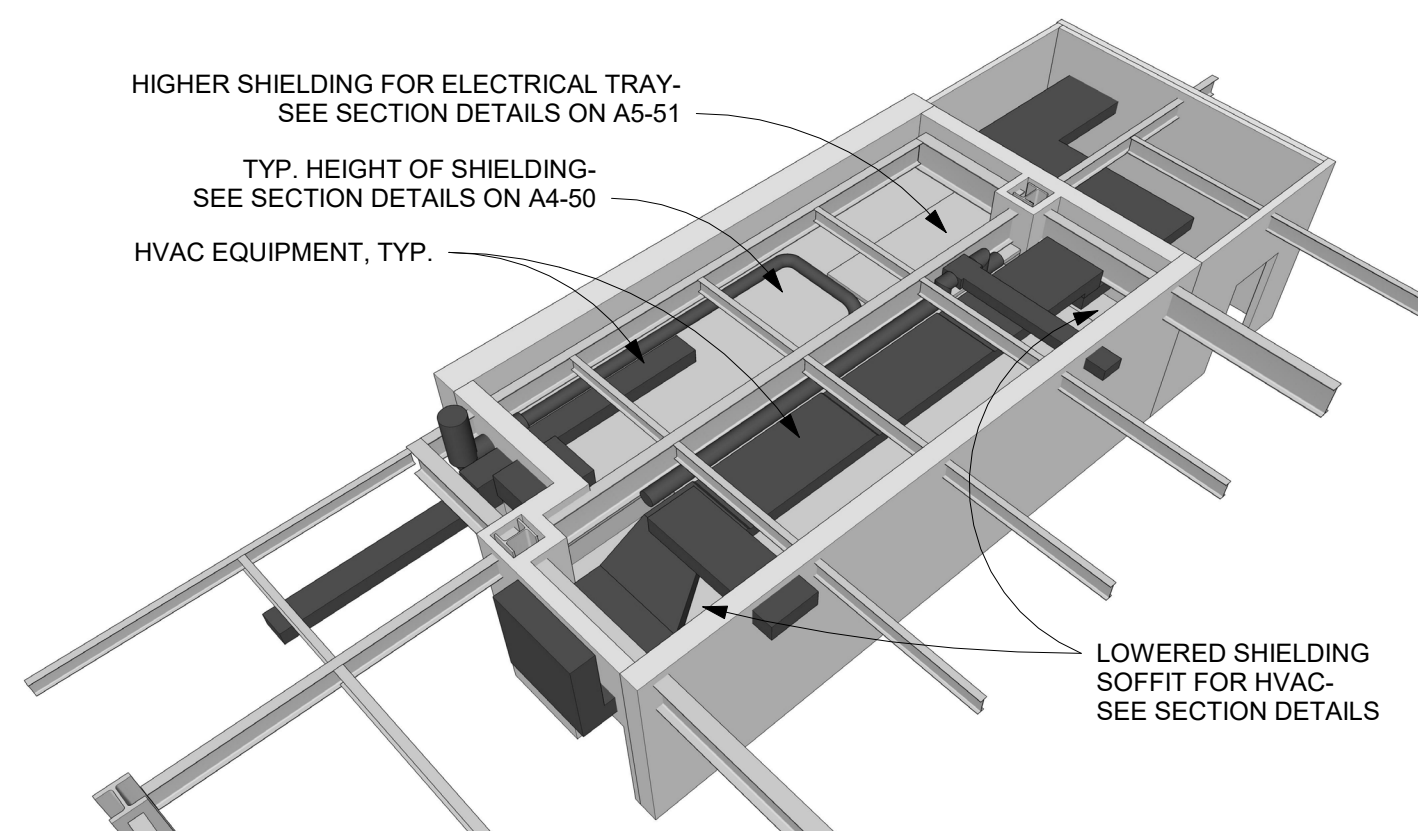
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CHECKED BY: Checker
SCALE: PER TITLE
DATE: 3/11/2020

SHEET NUMBER:
A4-42



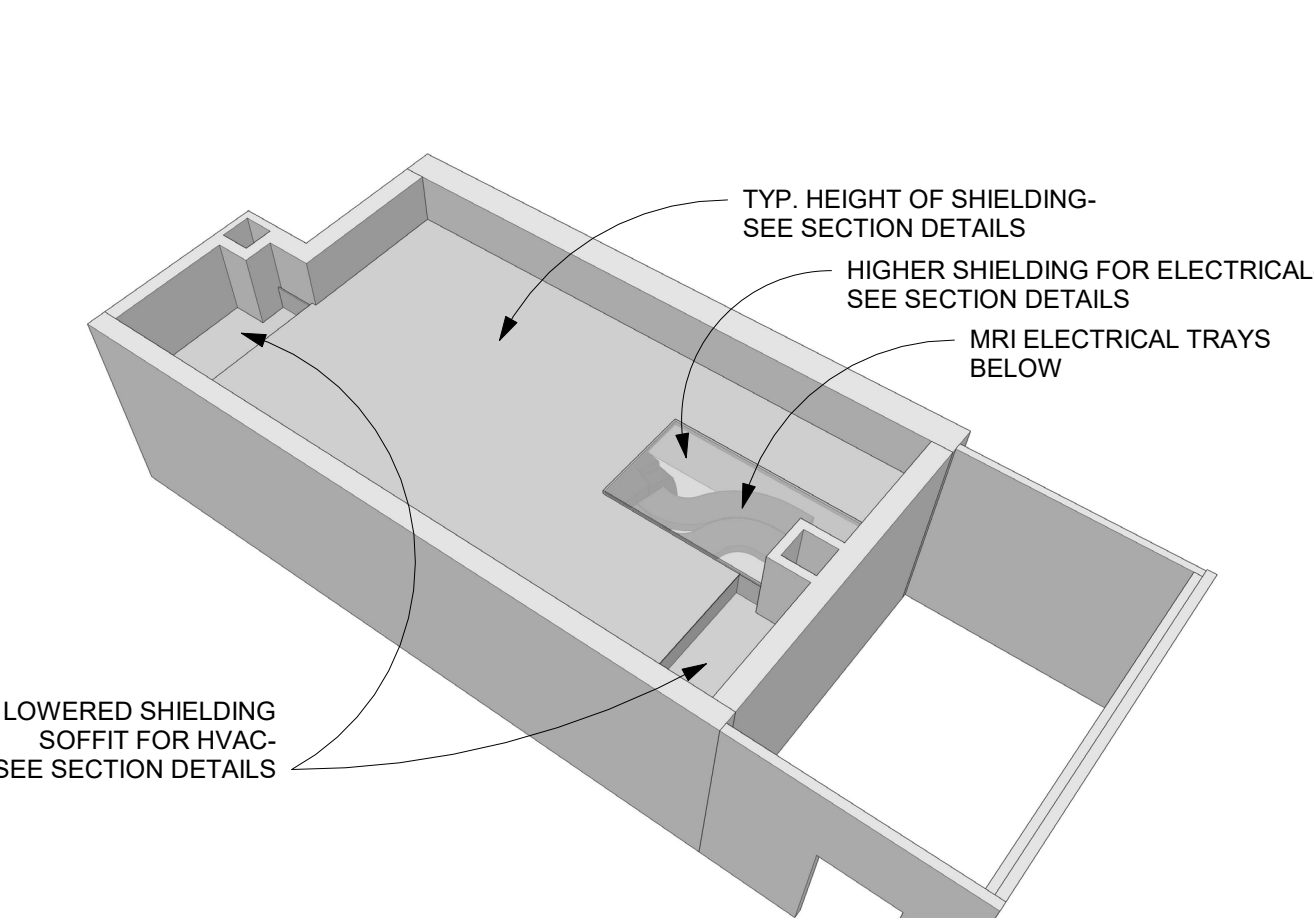
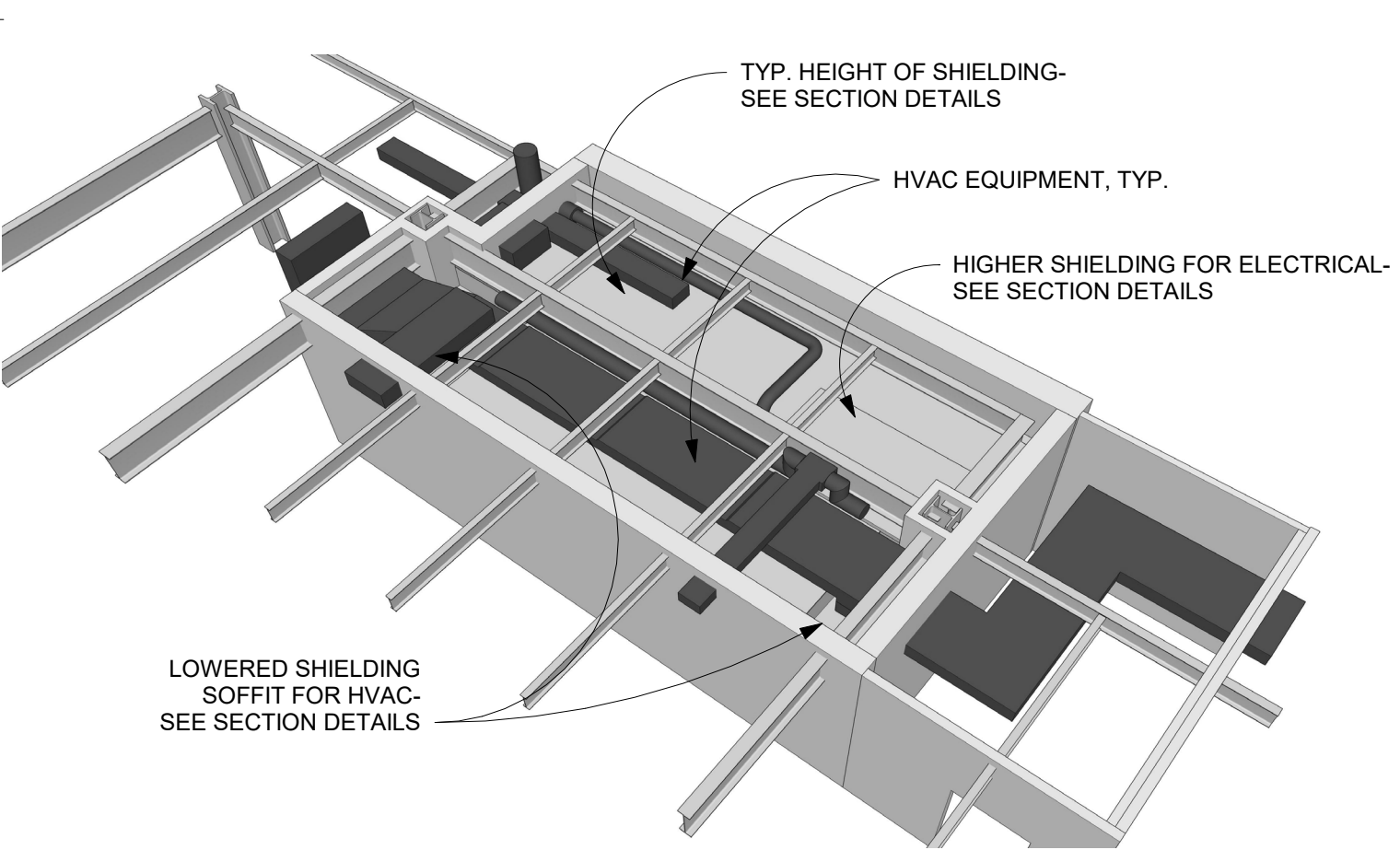
NOTE:
GC TO SUBMIT COORDINATION DRAWING BETWEEN STRUCTURAL FRAMING, MECHANICAL, ELECTRICAL, PLUMBING, FIRE PROTECTION, FIRE ALARM, SHIELDING, AND GE BEFORE SHOP DRAWING APPROVALS.
GC TO CLARIFY IN BID DOCUMENTS HOW COORDINATION DRAWINGS WILL BE PRODUCED.

8 FIRST FLOOR SHIELDING RCP
3/16" = 1'-0"



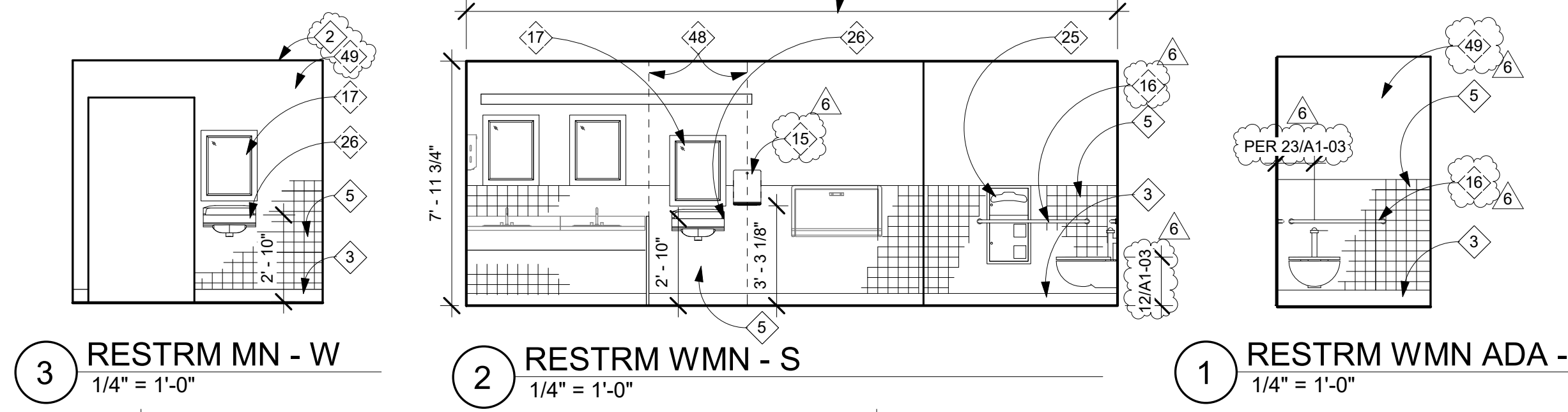
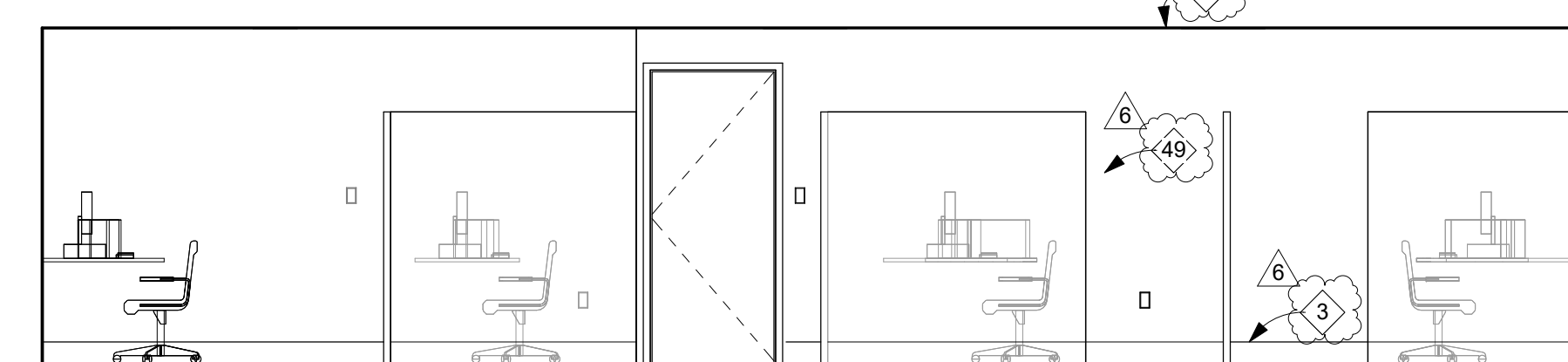
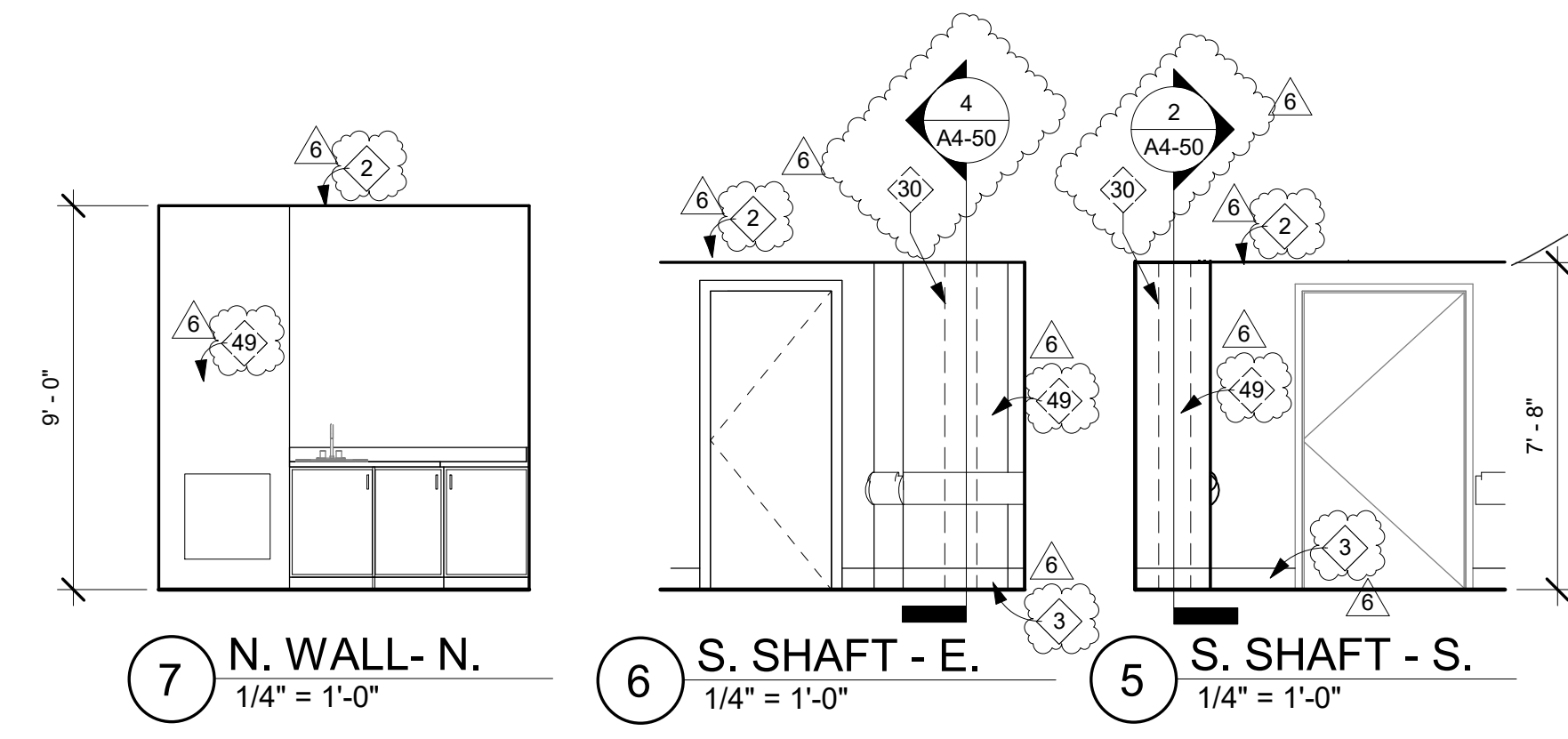
9 SHIELDING MASSING 1A
N.T.S.

10 SHIELDING MASSING 1B
N.T.S.



11 SHIELDING MASSING 2A
N.T.S.

12 SHIELDING MASSING 2B
N.T.S.



TCMC MRI

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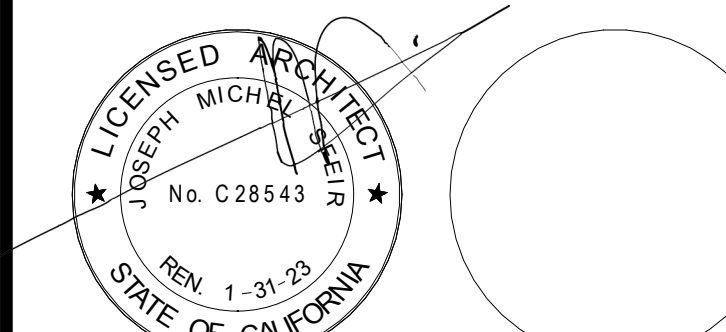
STRUCTURAL: MIYAMOTO INTERNATIONAL, INC.
5550 BALTIMORE DRIVE, SUITE 100
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TEL(858)457-3001

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REV	DESCRIPTION	DATE
1	OSHPD COMMENTS	8/3/2020
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5	DESIGN CHANGES	11/24/2020
6	ACD 0001 DESIGN CHANGES	4/14/2021

REV: DESCRIPTION: DATE:
CONSULTANT:

OSHPD APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

SHEET TITLE:
SECTIONS

PROJECT TITLE:
TCMC MRI
PROJECT #: 01907.01 SHEET NUMBER:
DRAWN BY: Author
CHECKED BY: Checker
SCALE: PER TITLE
DATE: 3/11/2020

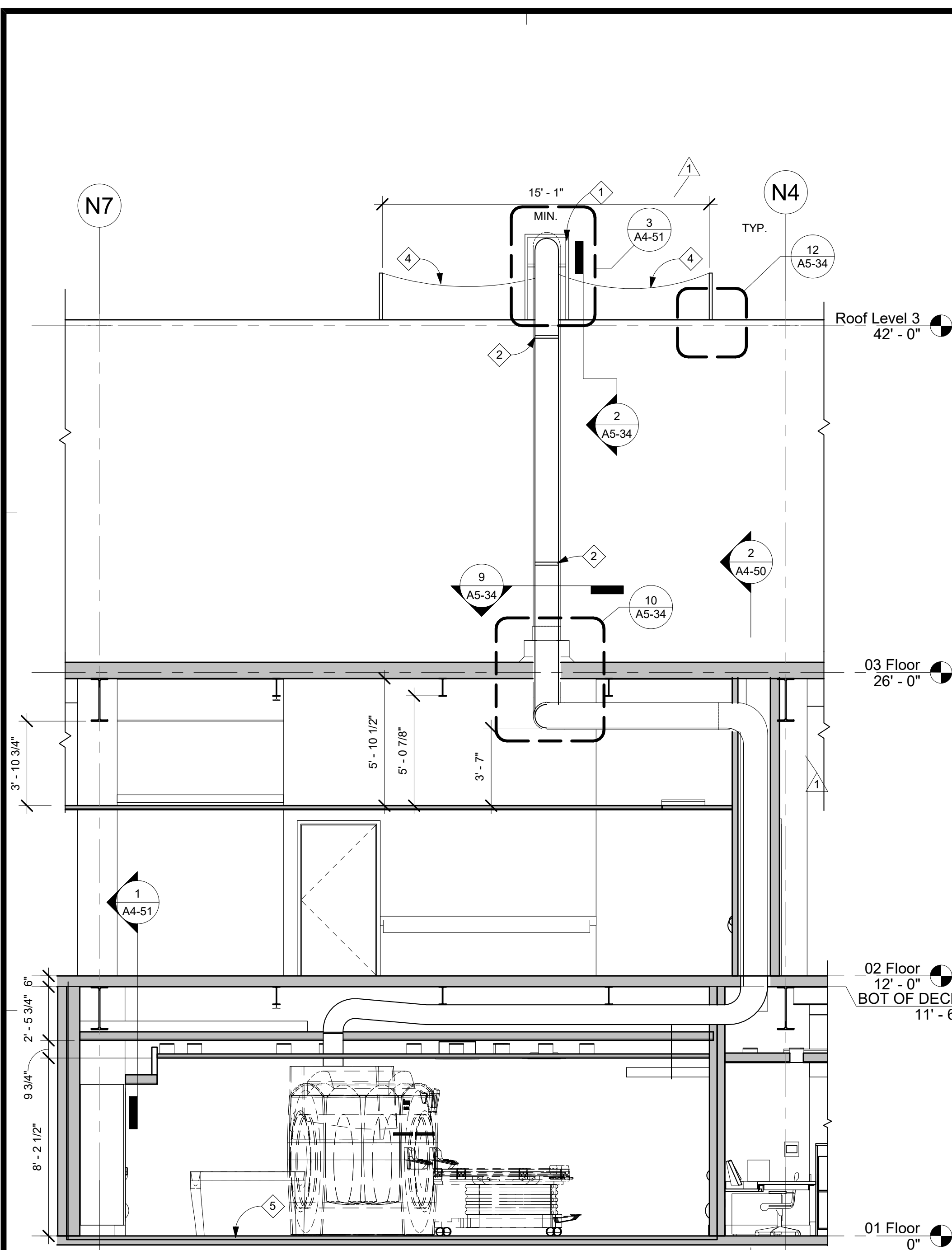
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GENERAL NOTES:

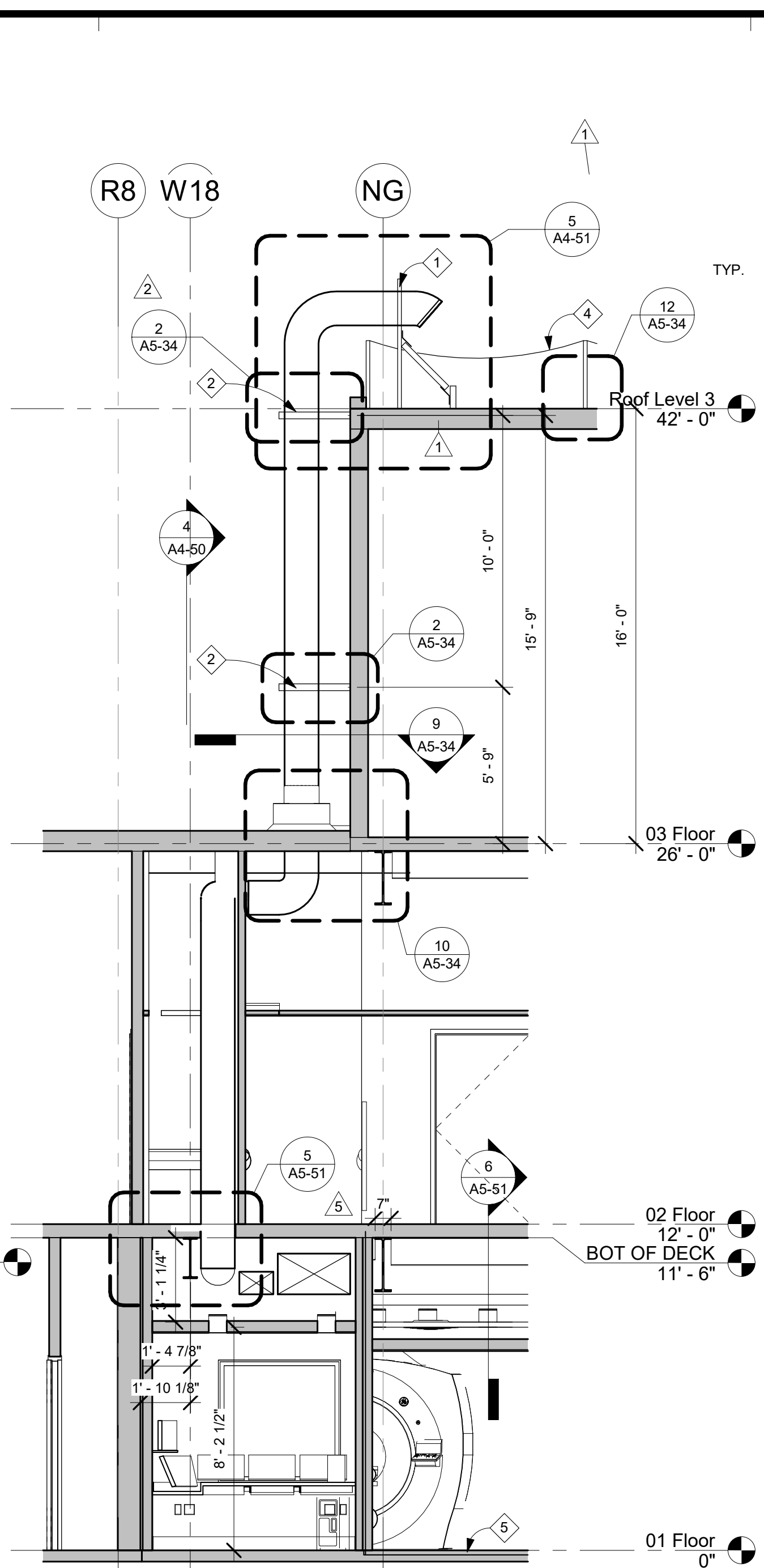
1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
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SECTION KEYNOTES:

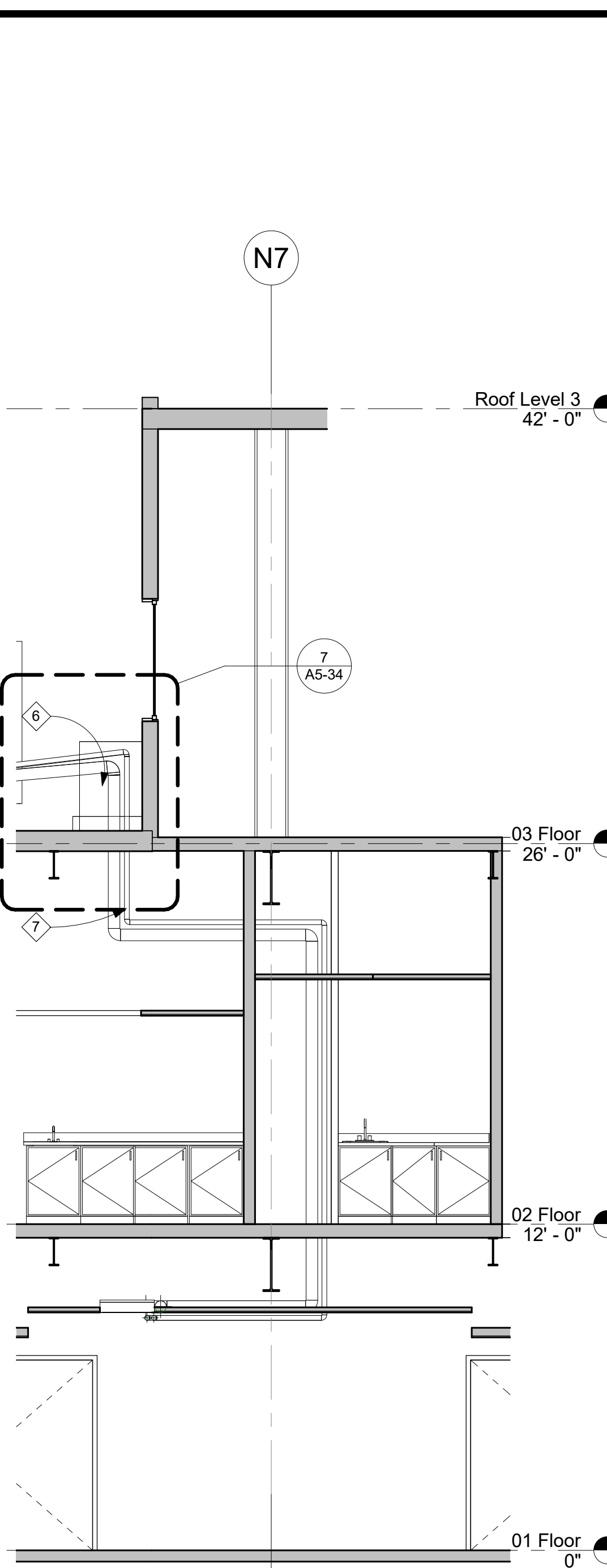
- 1 UNISTRUT BRACING. SEE STRUCT DWG.
- 2 ADD GALVANIZED STRAPPING.
- 3 GUY-WIRE BRACING.
- 4 CHAIN LINK FENCE. EXHAUST VENTING AREA. REF GE EQUIPMENT DWG. TOP OF POST TO BE FILLED. ENTIRE POST TO BE HOT DIPPED GALVANIZED PRIMED AND PAINTED.
- 5 SHIELDED FLOOR. REF MRI DWG.
- 6 GALVANIZED MECH & PLUMBING BOX.
- 7 CHILLED WATER AND REFRIGERANT PIPING PER MECHANICAL DRAWINGS.



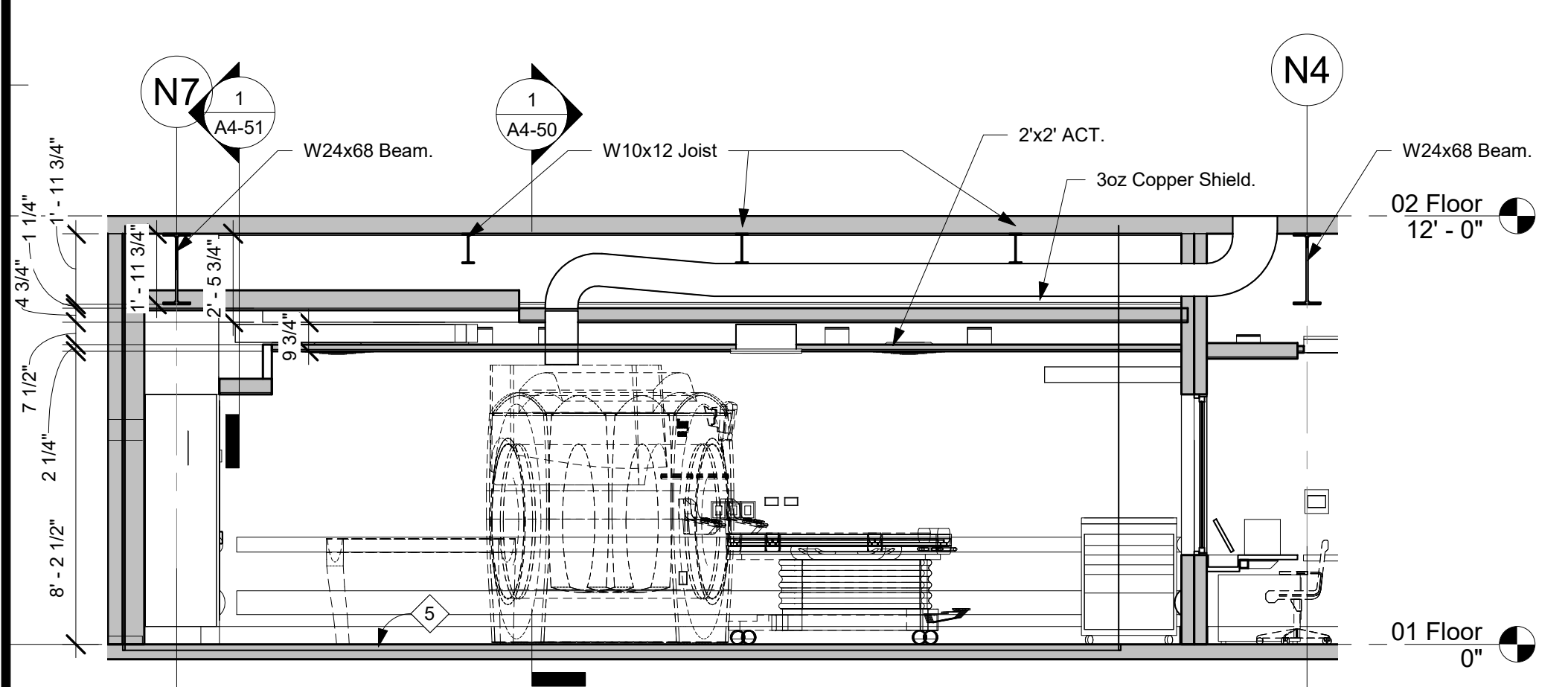
4 QUENCH VENT - N.
1/4" = 1'-0"



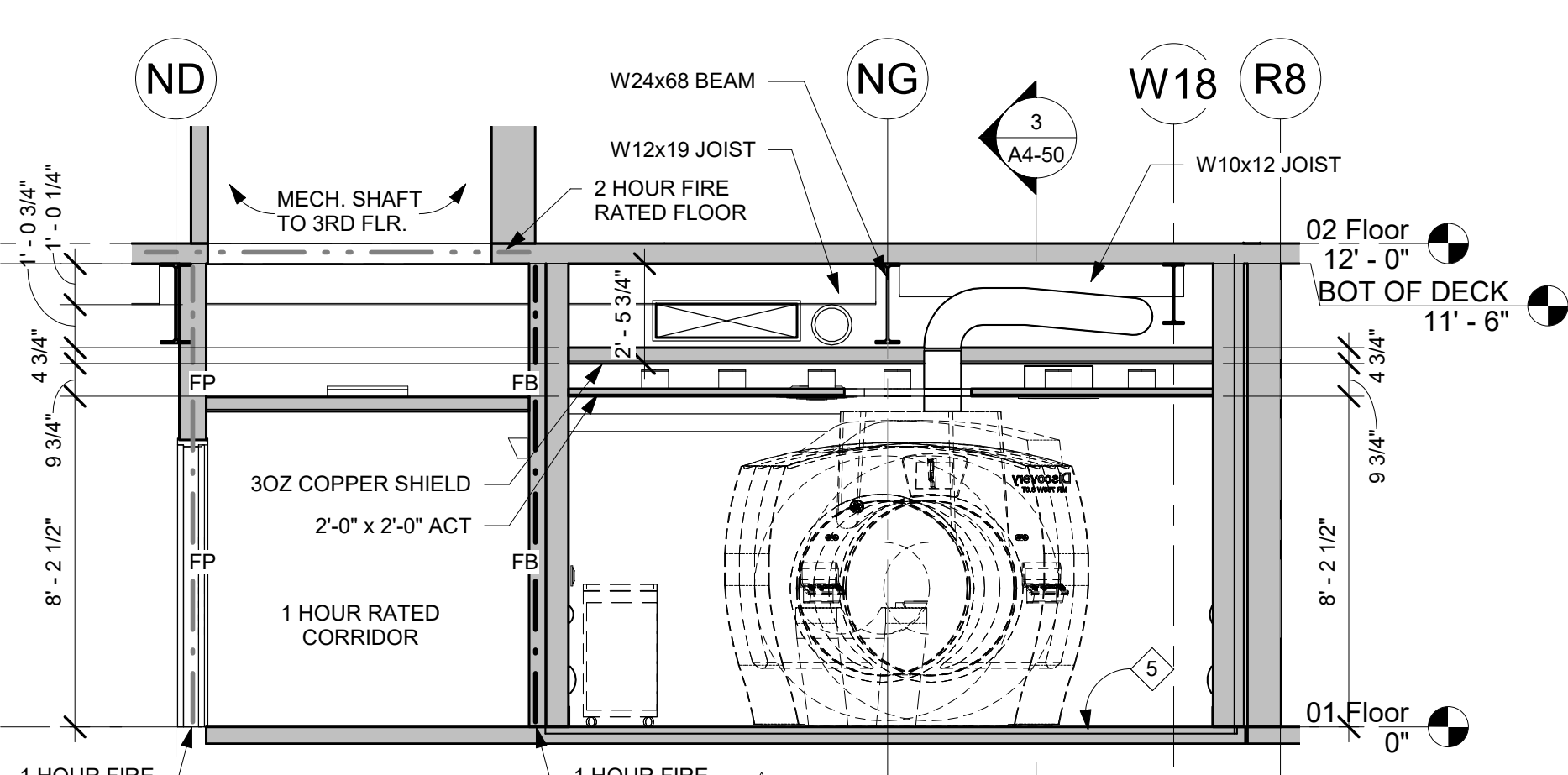
2 QUENCH VENT - W.
1/4" = 1'-0"



5 CONDENSATE CHILLER PATH
1/4" = 1'-0"



3 EXAM ROOM-EW-N
1/4" = 1'-0"



1 EXAM ROOM-NS-E
1/4" = 1'-0"

TCMC MRI

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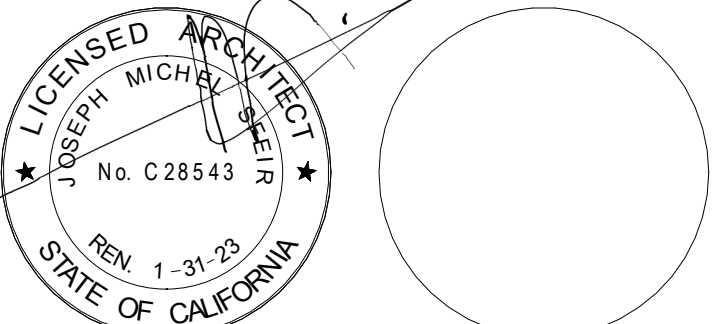
STRUCTURAL: MIYAMOTO INTERNATIONAL, INC.
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REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

SECTIONS

PROJECT TITLE: TCMC MRI

PROJECT #: 01907.01

DRAWN BY: _____

CHECKED BY: _____

SCALE: _____

PER TITLE: _____

DATE: 3/11/2020

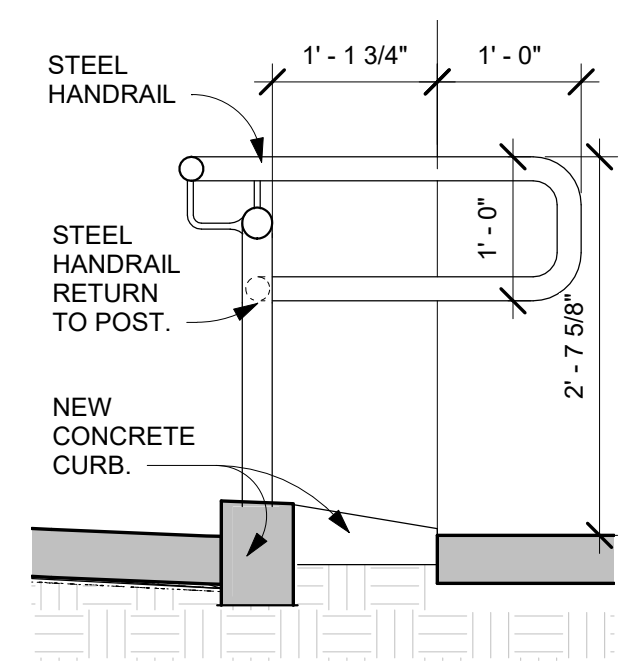
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GENERAL NOTES:

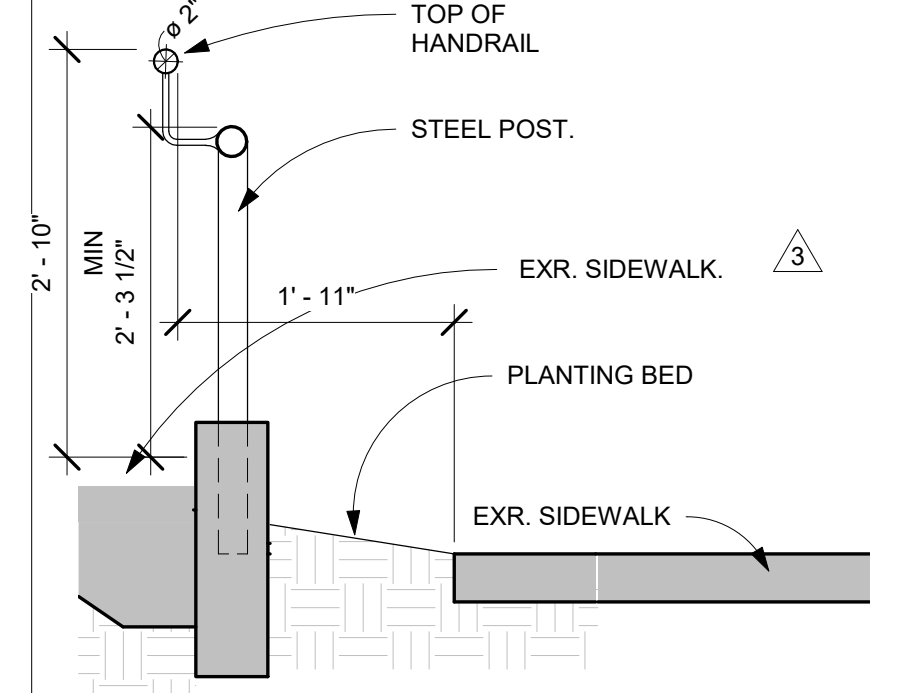
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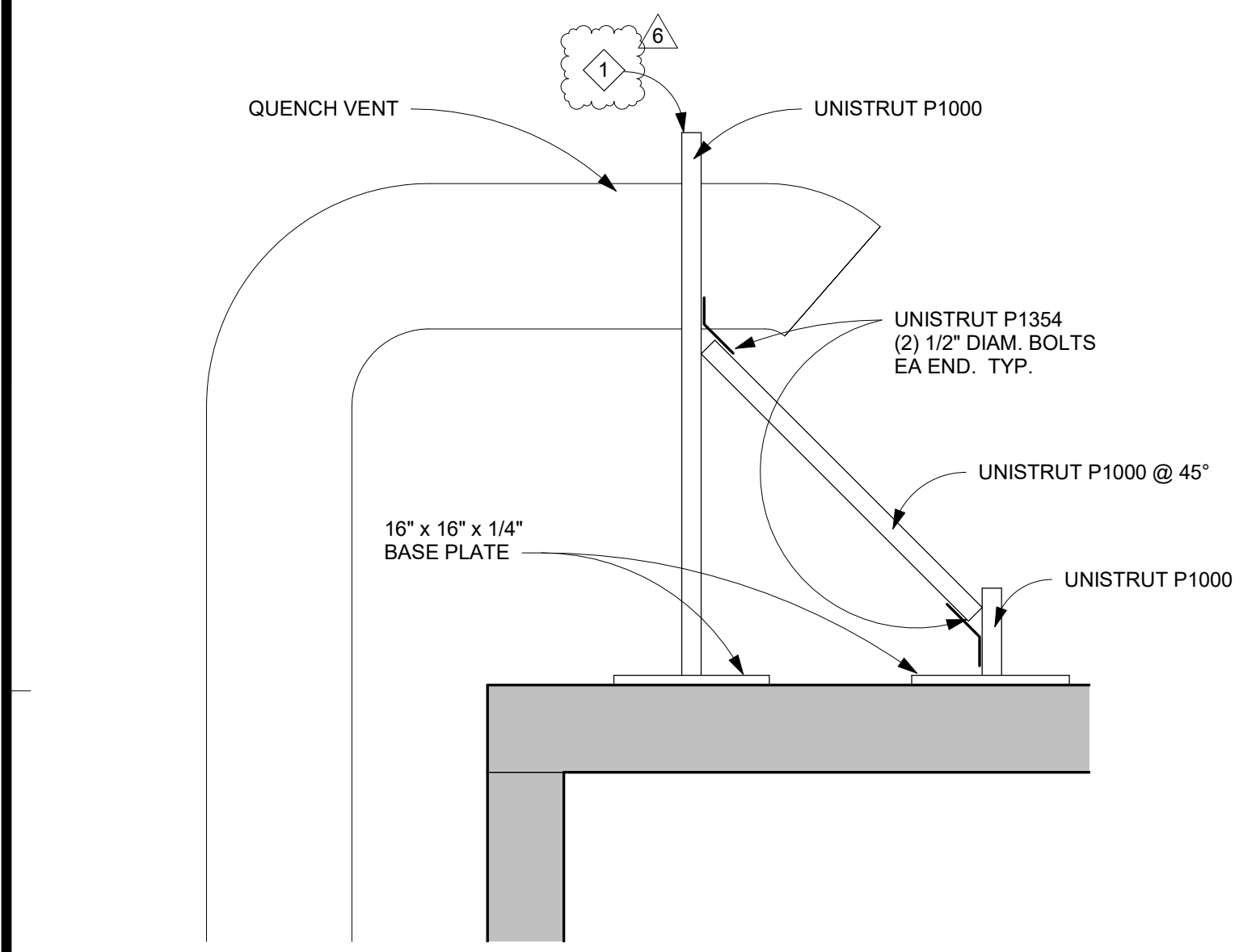
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- 2 ADD GALVANIZED STRAPPING.
- 3 GUY-WIRE BRACING.
- 4 CHAIN LINK FENCE. EXHAUST VENTING AREA. REF GE EQUIPMENT DWG. TOP OF POST TO BE FILLED. ENTIRE POST TO BE HOT DIPPED GALVANIZED PRIMED AND PAINTED.
- 5 SHIELDED FLOOR. REF MRI DWG.
- 6 GALVANIZED MECH & PLUMBING BOX.
- 7 CHILLED WATER AND REFRIGERANT PIPING PER MECHANICAL DRAWINGS.



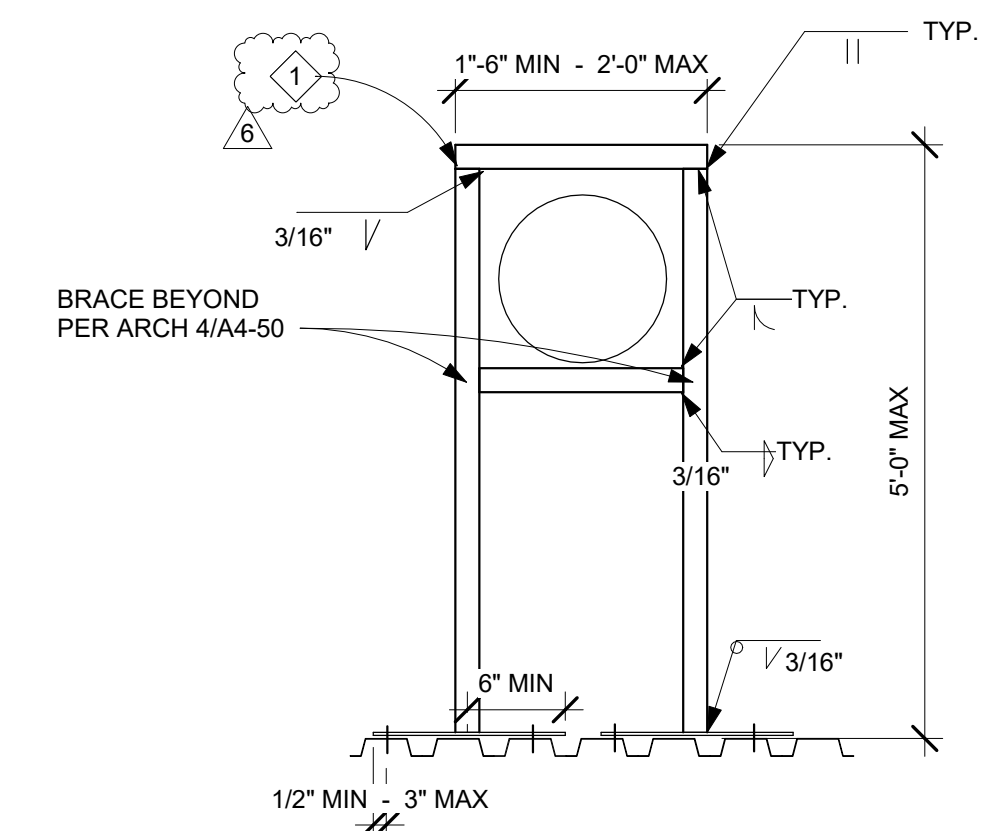
7 HANDRAIL RETURN
3/4" = 1'-0"



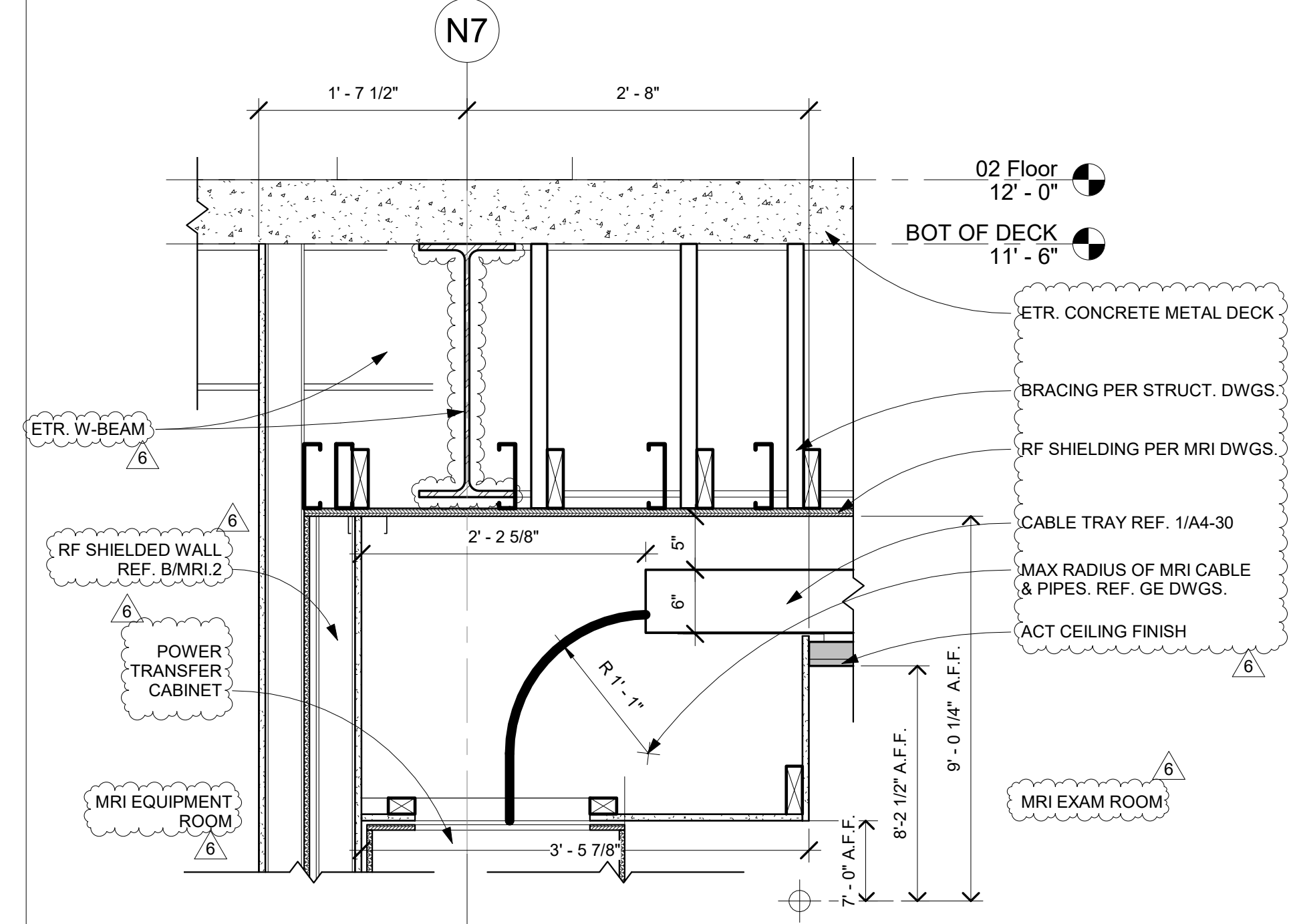
6 ACCESSIBLE HANDRAIL
3/4" = 1'-0"



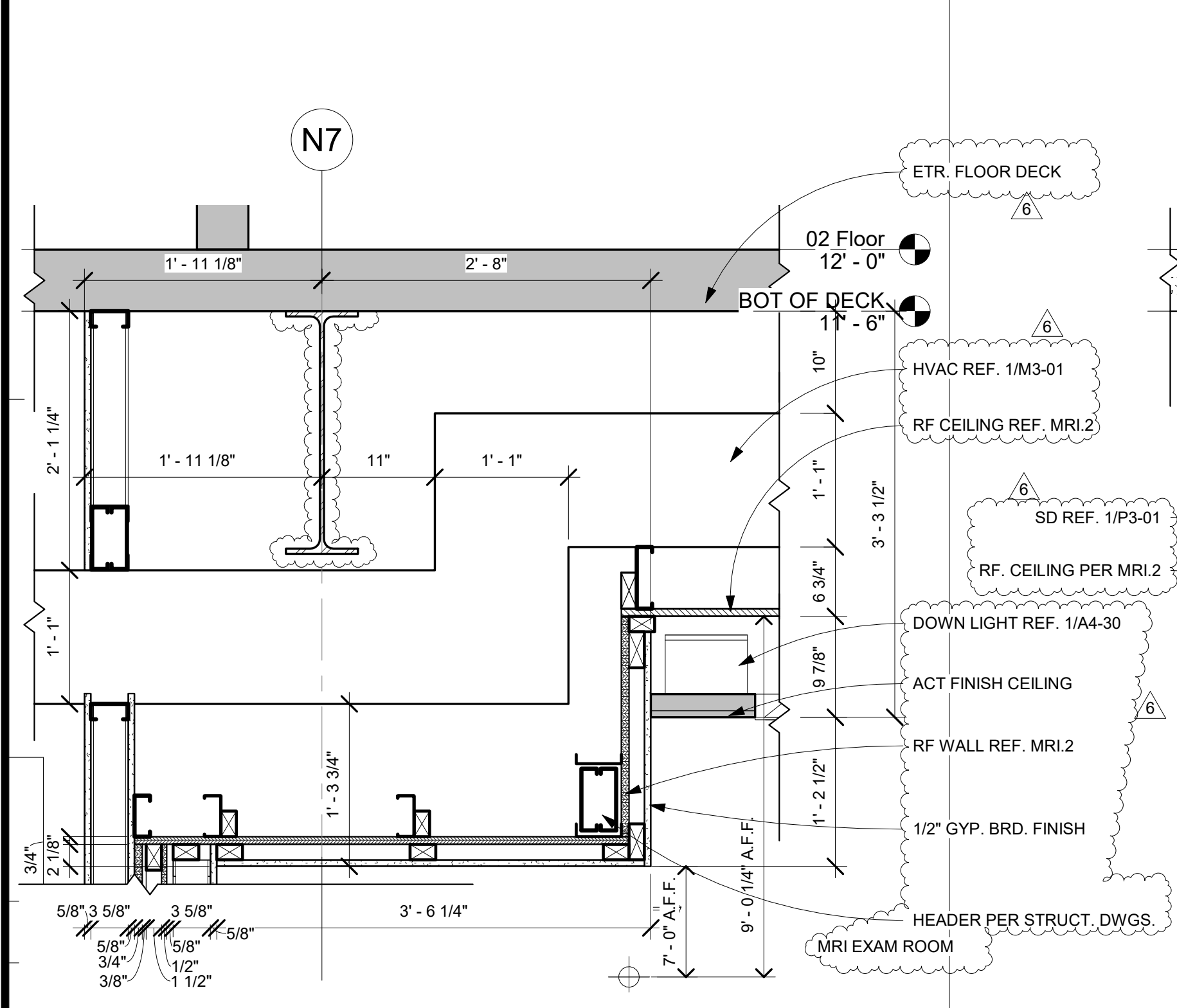
5 UNISTRUT FRONT SUPPORTS
3/4" = 1'-0"



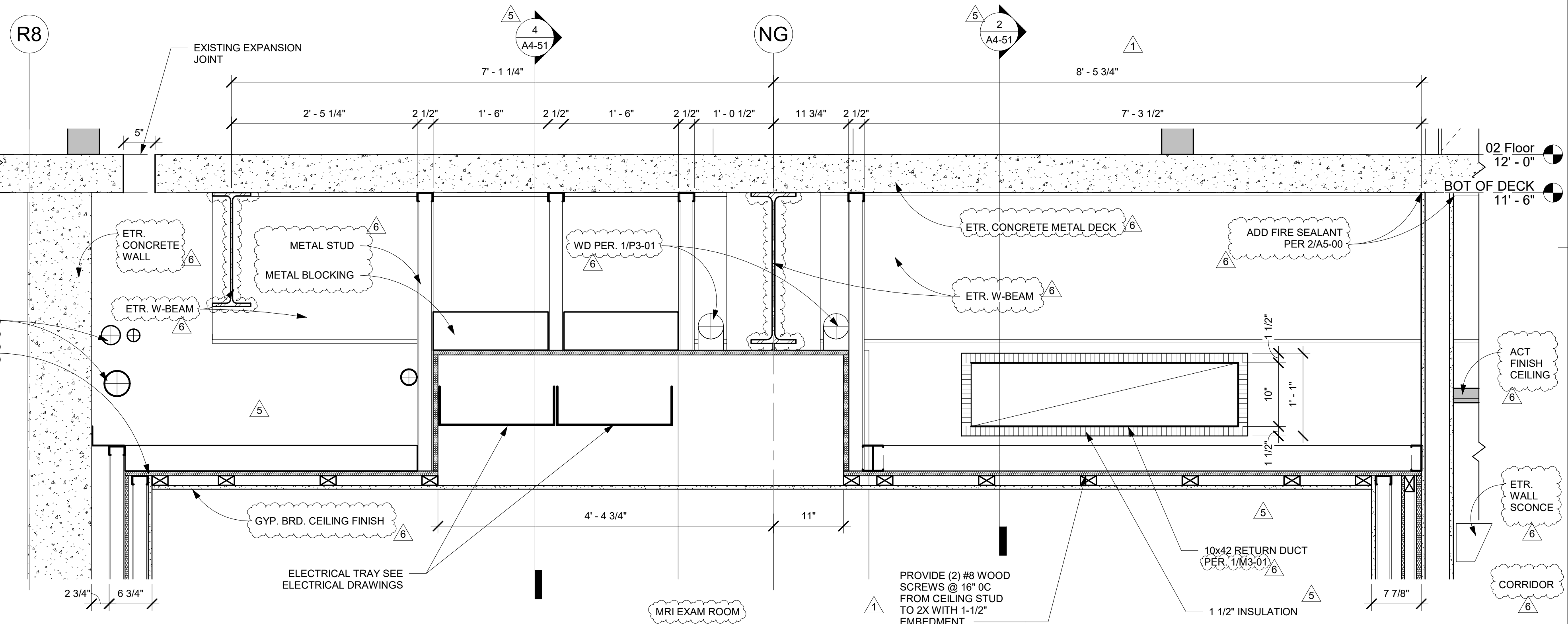
3 UNISTRUT FRAME
3/4" = 1'-0"



4 CABLE TRAY SIDE SECTION
1" = 1'-0"



2 RETURN AIR DUCT
1" = 1'-0"



1 ELEVATION - GRID LINE N7
1" = 1'-0"

TCMC MRI

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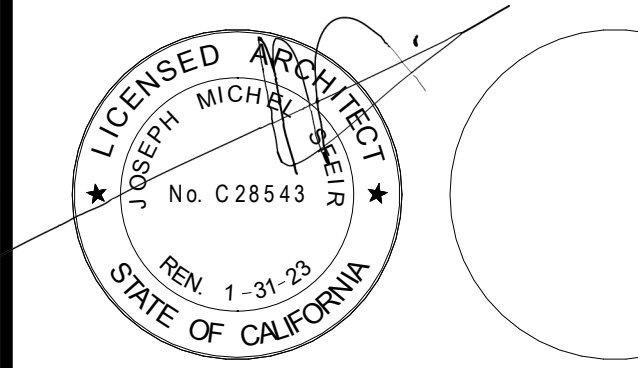
STRUCTURAL: MIYAMOTO INTERNATIONAL, INC.
5550 BALTIMORE DRIVE, SUITE 100
LA MESA, CA 91942
TEL:(858)457-3001

MECHANICAL & PLUMBING: SC ENGINEERS, INC.
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NO.	DESCRIPTION	DATE
1	OSHPD COMMENTS	8/3/2020
2	DESIGN CHANGES	8/10/2020
3	OSHPD COMMENTS	10/2/2020
4	OSHPD COMMENTS	11/24/2020
5	DESIGN CHANGES	11/24/2020
6	ACD 0001 DESIGN CHANGES	4/14/2021

REV.	DESCRIPTION	DATE

CONSULTANT

OSHPD APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

SHEET TITLE:
TYPICAL RATED
PARTITION ASSEMBLIES

PROJECT TITLE:
TCMC MRI
PROJECT #:
01907.01
DRAWN BY:
MK
CHECKED BY:
JS
SCALE:
PER TITLE
DATE:
3/11/2020

A5-10

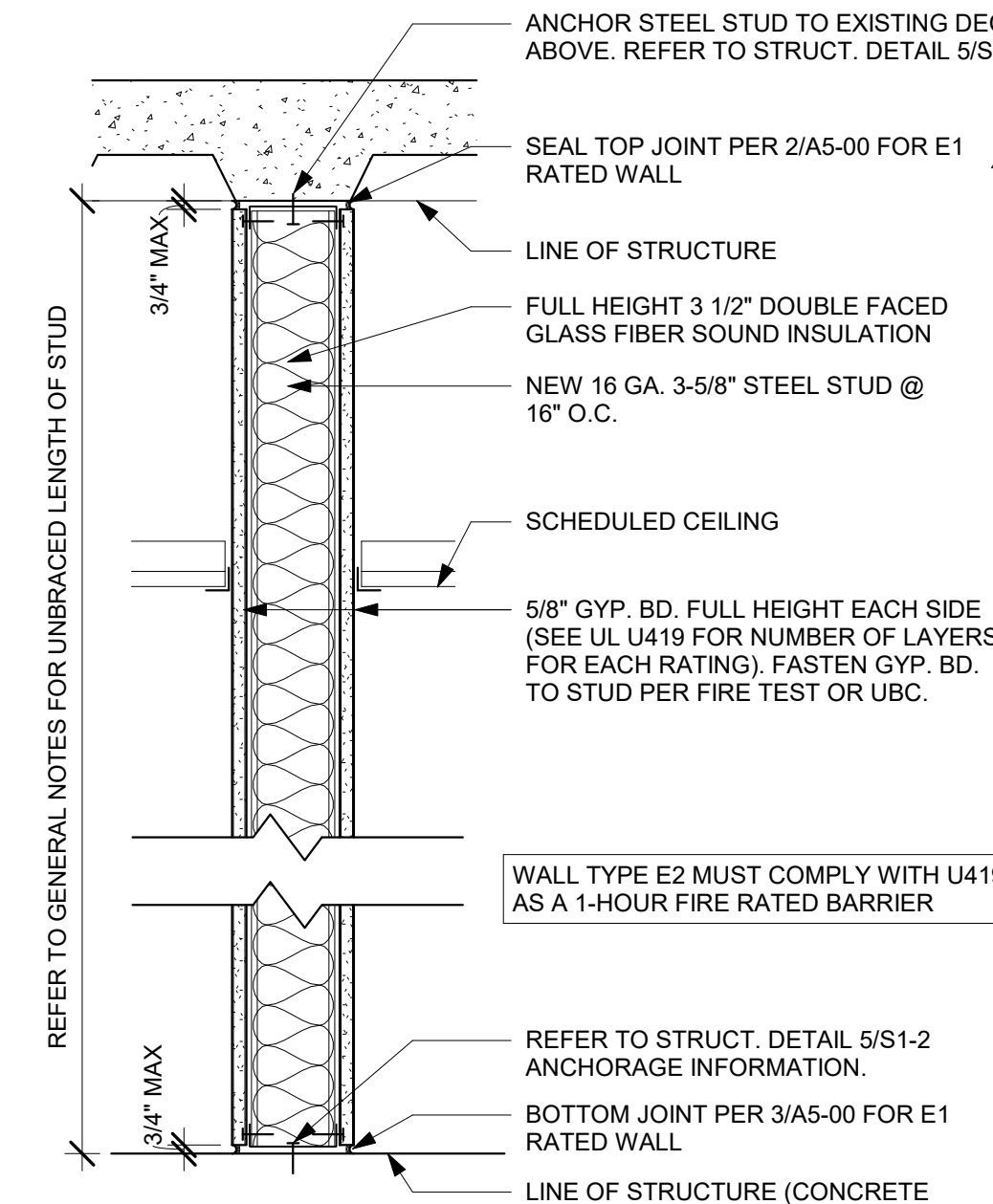
GENERAL NOTES:

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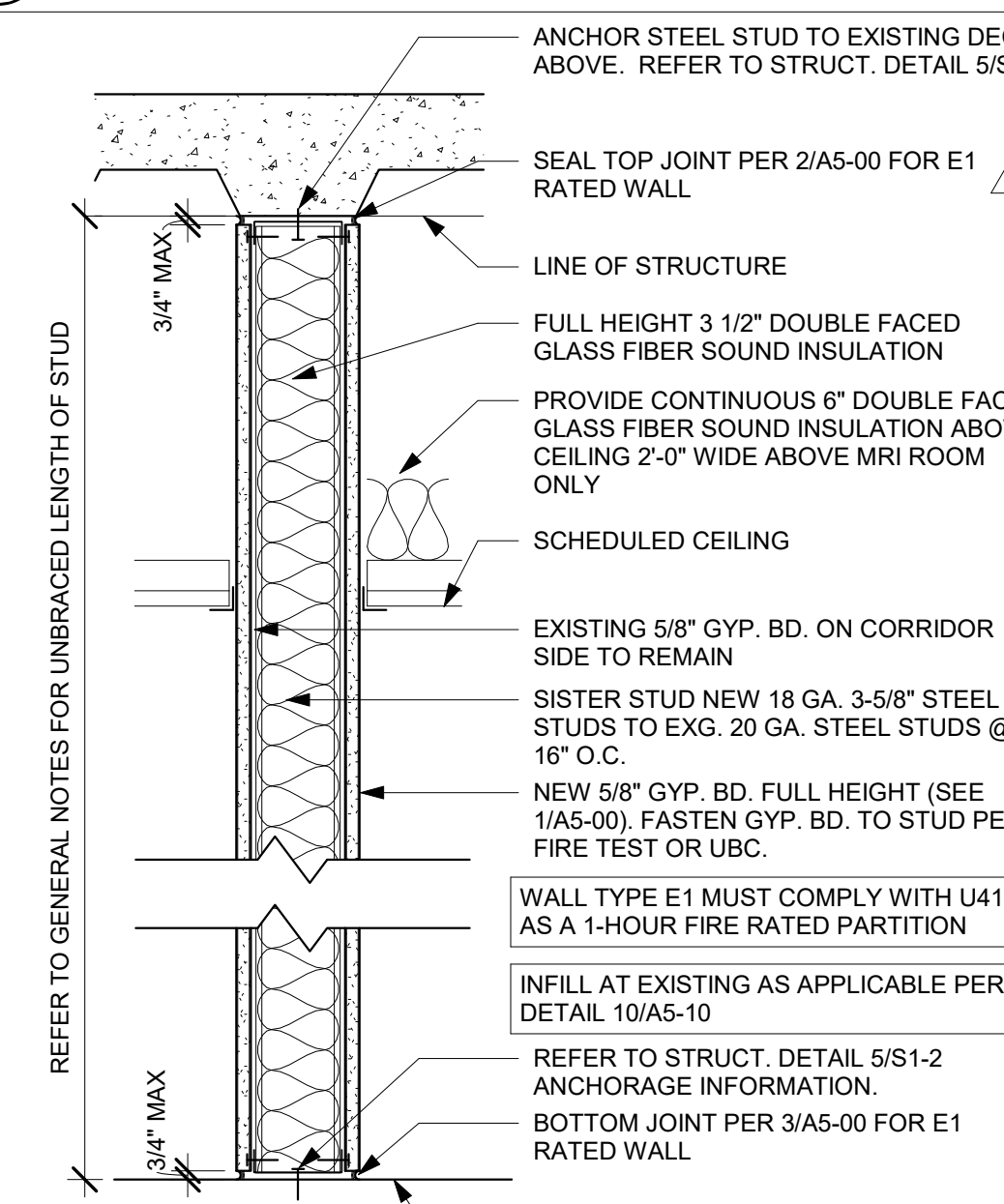
GENERAL NOTES FOR PARTITIONS:

- ALL GYP. BOARD SHALL BE TYPE "X". REFER TO FLOOR PLAN FOR LOCATION OF WALL TYPES.
- REFER TO THE INTERIOR DESIGN SHEET AND RELATED DETAILS FOR FINISHES REQUIRED AND TO THE MANUFACTURER FOR SURFACE PREP. REQUIREMENTS.
- REFER TO THE FLOOR PLAN, INTERIOR ELEVATIONS, DETAILS, MECHANICAL, PLUMBING AND ELECTRICAL PLANS FOR WALL BACKING REQUIREMENTS AND IN WALL UTILITIES.
- ALL DOOR JAMBS AND OPENINGS OVER 24" SHALL BE DOUBLE STUDDED WITH 16 GA. STUDS EXTENDED TO STRUCTURE ABOVE REFER TO STRUCTURAL DETAILS FOR MORE INFORMATION.
- PROVIDE 6" STEEL STUDS AT ALL WALLS AND/OR WALLS WHERE RECESSED ELECTRICAL PANELS OR FIRE EXTINGUISHER CABINETS ARE LOCATED. COORDINATE WITH RELATED SUB-CONTRACTORS.
- PROVIDE 3 5/8" X 20 GA. STEEL TRACK BACKING AT ALL WALL MOUNTED DOOR STOPS. REFER TO 10/S1-2.
- ALL STUDS SUPPORTING WALL HUNG CABINETS SHALL BE MIN. 16 GA. STUDS SPACED AT 16" O.C. MAXIMUM. REFER TO DETAILS 1 AND 2/A5-80 FOR REQUIRED BACKING MATERIAL AND CONNECTION.
- ALL RATED WALLS (FIRE AND SMOKE) SHALL BE CONSTRUCTED SO THAT SECONDARY WALLS DO NOT PENETRATE SYSTEM. ALL PENETRATIONS SHALL BE SEALED W/ U/L LISTED FIRE STOP SEALANT, U/L LISTED ASSEMBLIES OR APPROVED EQUAL.
- SUBMITTAL FOR WALL MATERIALS SHALL BE PROVIDED TO SUBSTANTIATE THE PROPOSED MATERIALS HAVE BEEN TESTED BY A RECOGNIZED TESTING AGENCY TO MEET THE REQUIRED RATINGS AND PERFORMANCE LEVELS OF THE SPECIFIED MATERIALS.
- ALL PENETRATIONS IN RATED WALLS OVER 16 SQ. INCHES SHALL BE BACK WRAPPED WITH 5/8" TYPE "X" GYP. BD. UNPROTECTED PENETRATIONS UNDER 16 SQ. INCHES SHALL NOT EXCEED 100 SQ. INCHES TOTAL FOR EACH 100 SQ. FEET OF WALL AREA. WHERE SUCH UNPROTECTED OPENINGS OCCUR ON OPPOSITE SIDES OF THE WALL SEPARATE THESE OPENINGS BY MIN. 24 INCHES.
- DOOR OPENINGS SHALL BE PROTECTED BY A U.L. LISTED (OR EQUAL) DOOR AND DOOR FRAME. ALL RATED DOORS SHALL BE POSITIVE LATCHING. AUTOMATIC CLOSING AND GASKETED TO PREVENT THE PASSAGE OF SMOKE. DOORS EQUIPPED WITH A HOLD OPEN DEVICE SHALL BE INTERCONNECTED TO THE FIRE ALARM WHICH SHALL CLOSE THE DOOR UPON ACTIVATION.
- ALL INTERIOR WOOD TO BE FIRE TREATED.
- SEE SHEET A5-00 FOR FIRE RATED ASSEMBLIES AND PENETRATIONS.
- ALL GYPSUM WALL BOARD INSTALLED BEHIND PLUMBING FIXTURES SHALL BE WATER RESISTANT.
- COMPLY WITH THE FOLLOWING ICC REPORTS:
"CEMCO"- ICC #ESR-3064P (STUDS AND TRACKS)
"TTW RAMSET/RAMSET"- I.C.C. #1799 (POWDER DRIVEN PINS).

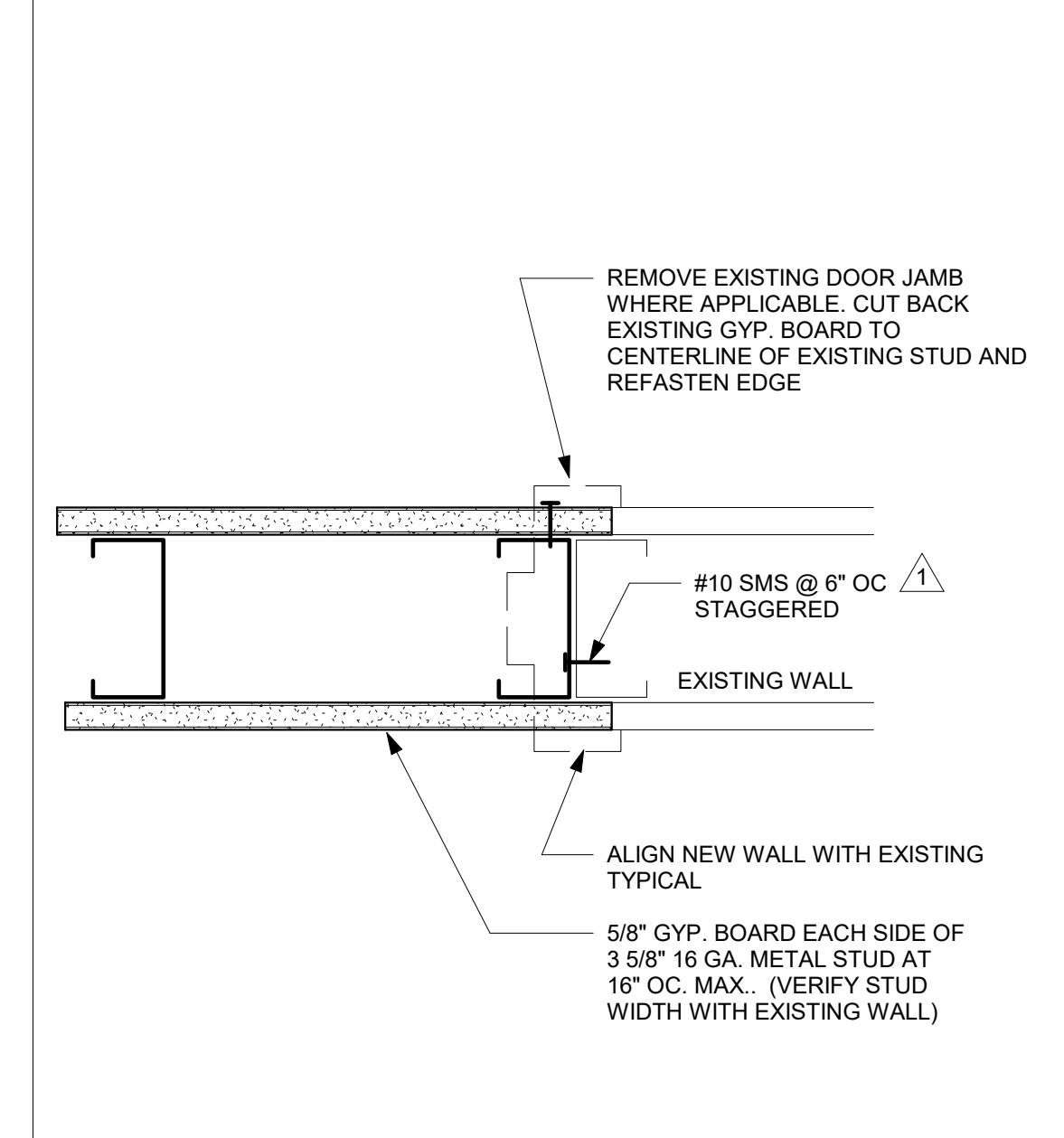
REFER TO THE FOLLOWING TABLE FOR ALLOWABLE WALL HEIGHTS. HEIGHTS ARE FOR NON-LOAD BEARING STEEL STUDS USED FOR INTERIOR PARTITIONS WITH BOTH FLANGES OF STUDS CONTINUOUSLY BRACED WITH GYP. BOARD OR FLAT STRAPS. ALLOWABLE HEIGHTS ARE THOSE LISTED WITHIN THE ICC REPORT. BRACE ALL STUDS AS REQUIRED SO AS NOT TO EXCEED THOSE ALLOWED HEIGHTS SET BY THE MFR. AND THE ICC REPORT. SUBMIT FOR APPROVAL, CURRENT ICC REPORT



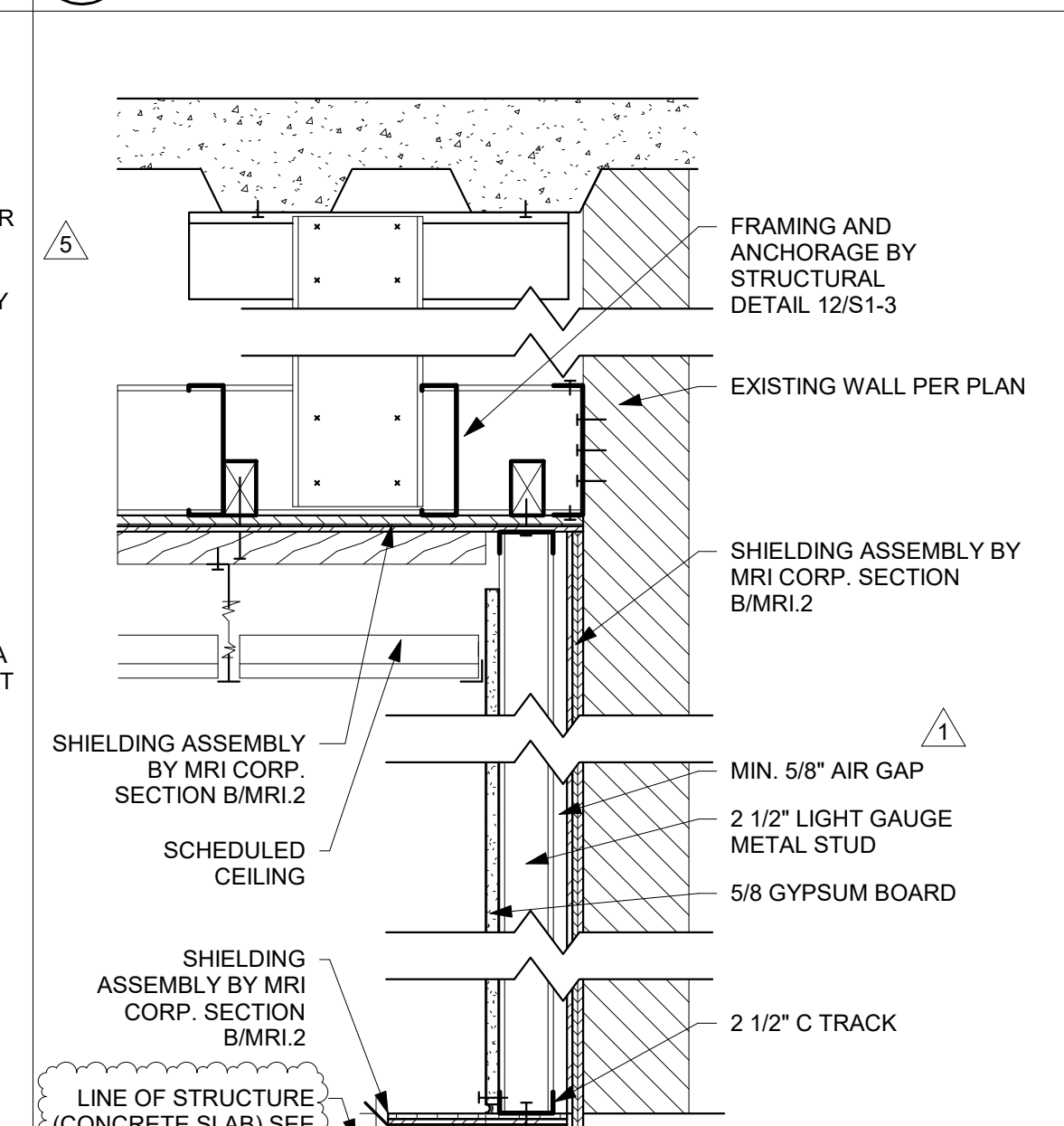
9 WALL TYPE E2 - 1 HOUR FIRE BARREIR
1 1/2" = 1'-0"



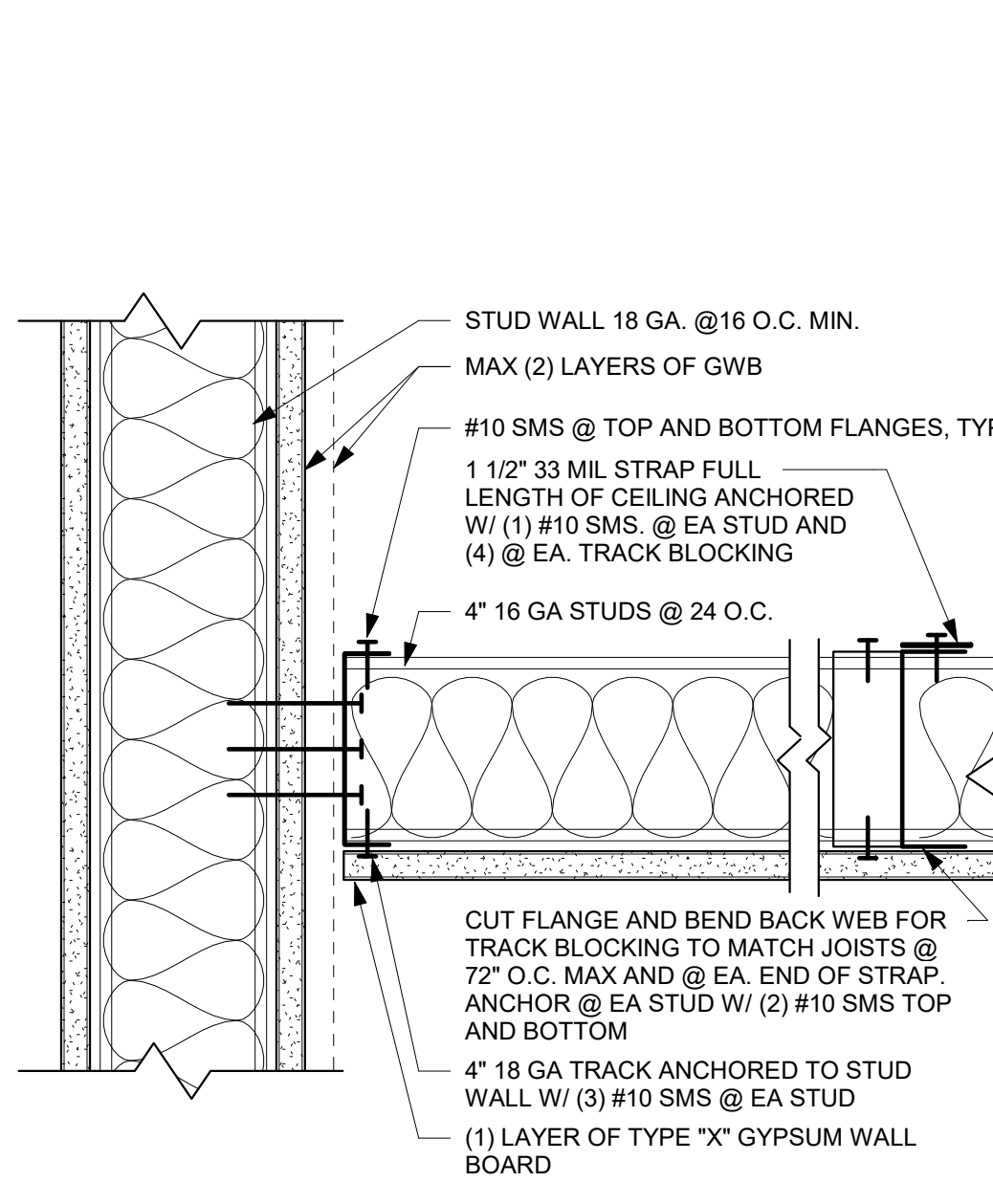
5 WALL TYPE E - NR, E1 - 1 HOUR FIRE RATED PARTITION
1 1/2" = 1'-0"



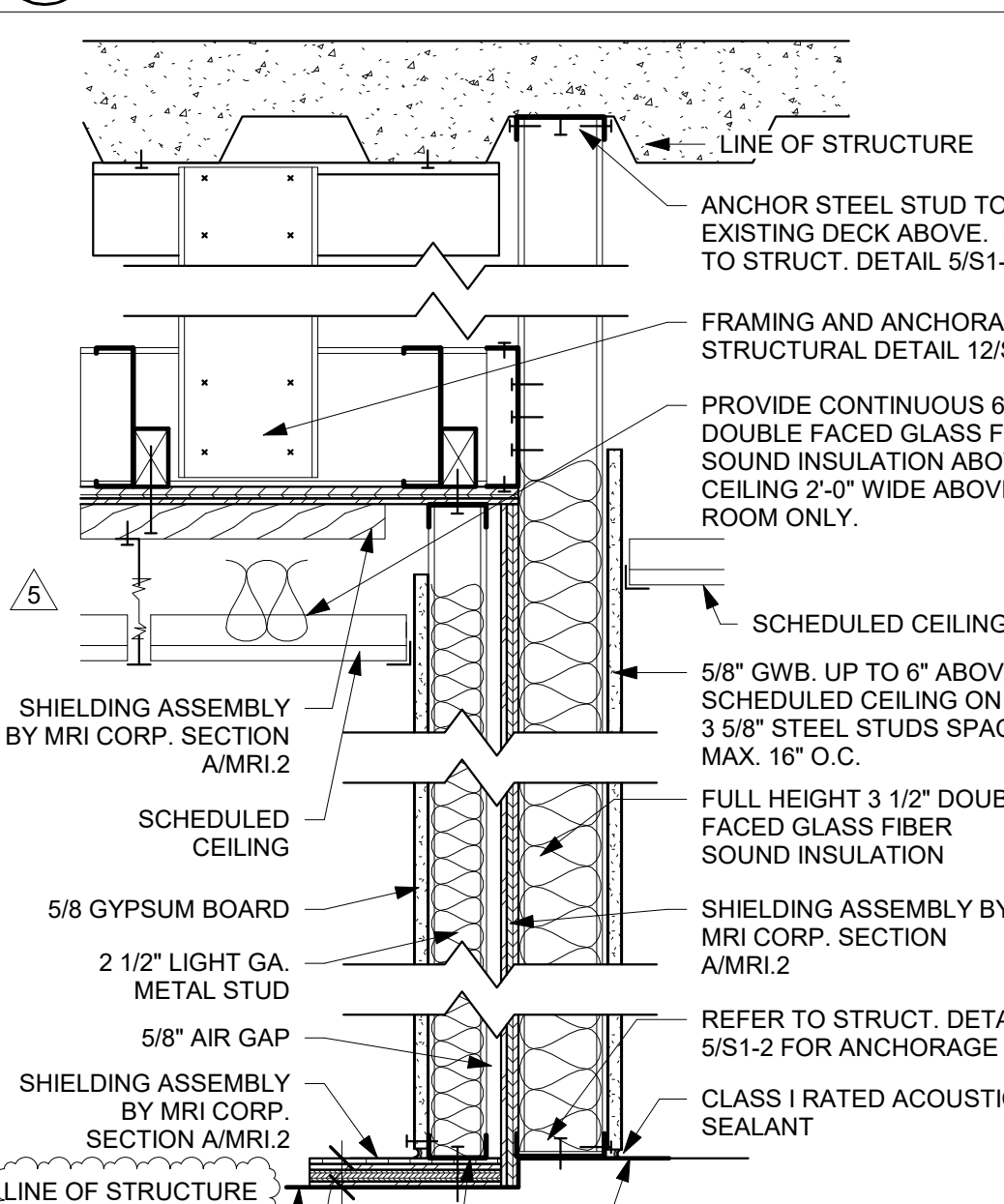
10 INFILL AT EXISTING WALL
3" = 1'-0"



6 SHIELD WALL F - RF
1 1/2" = 1'-0"



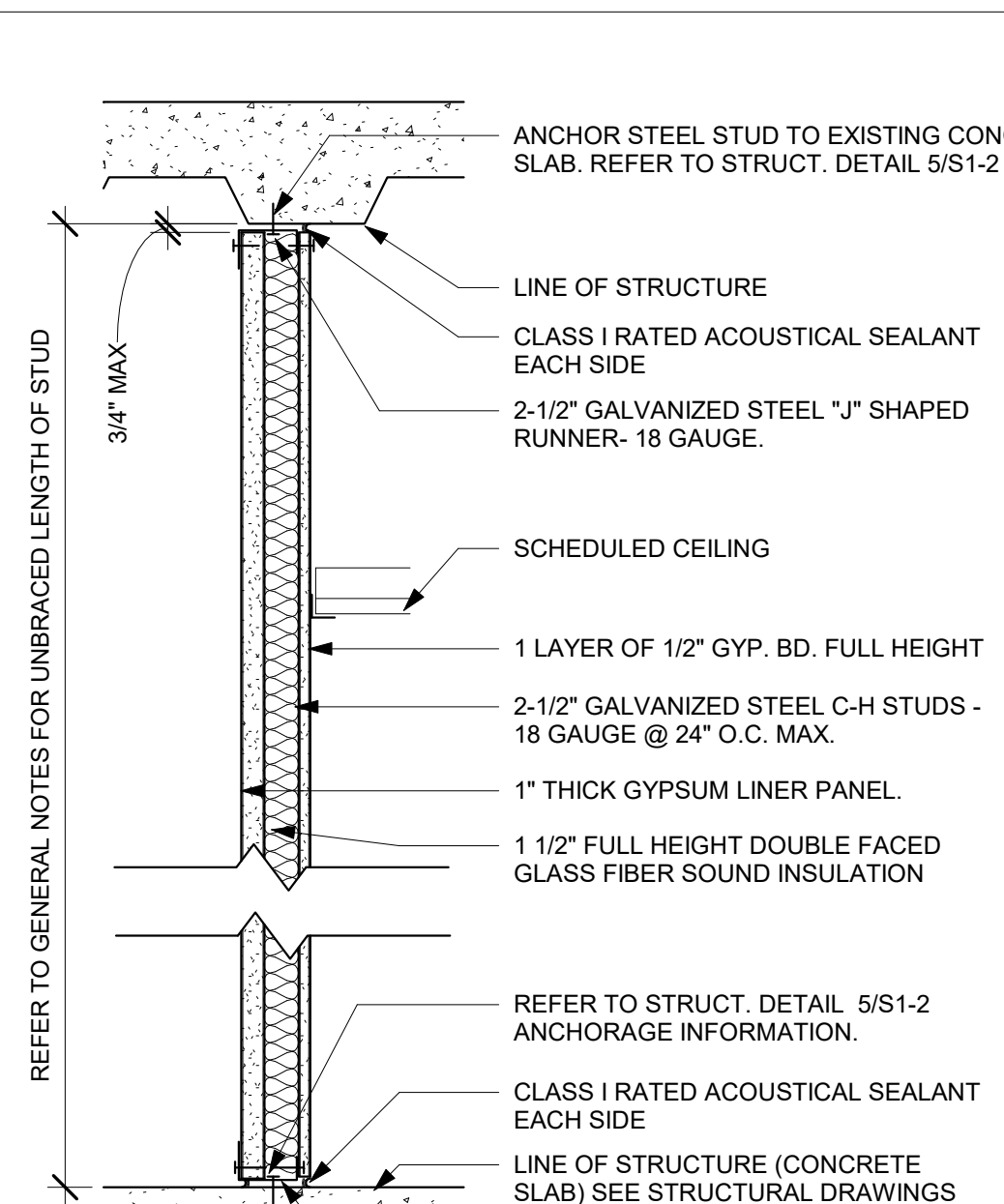
11 GWB JOIST CEILING
3" = 1'-0"



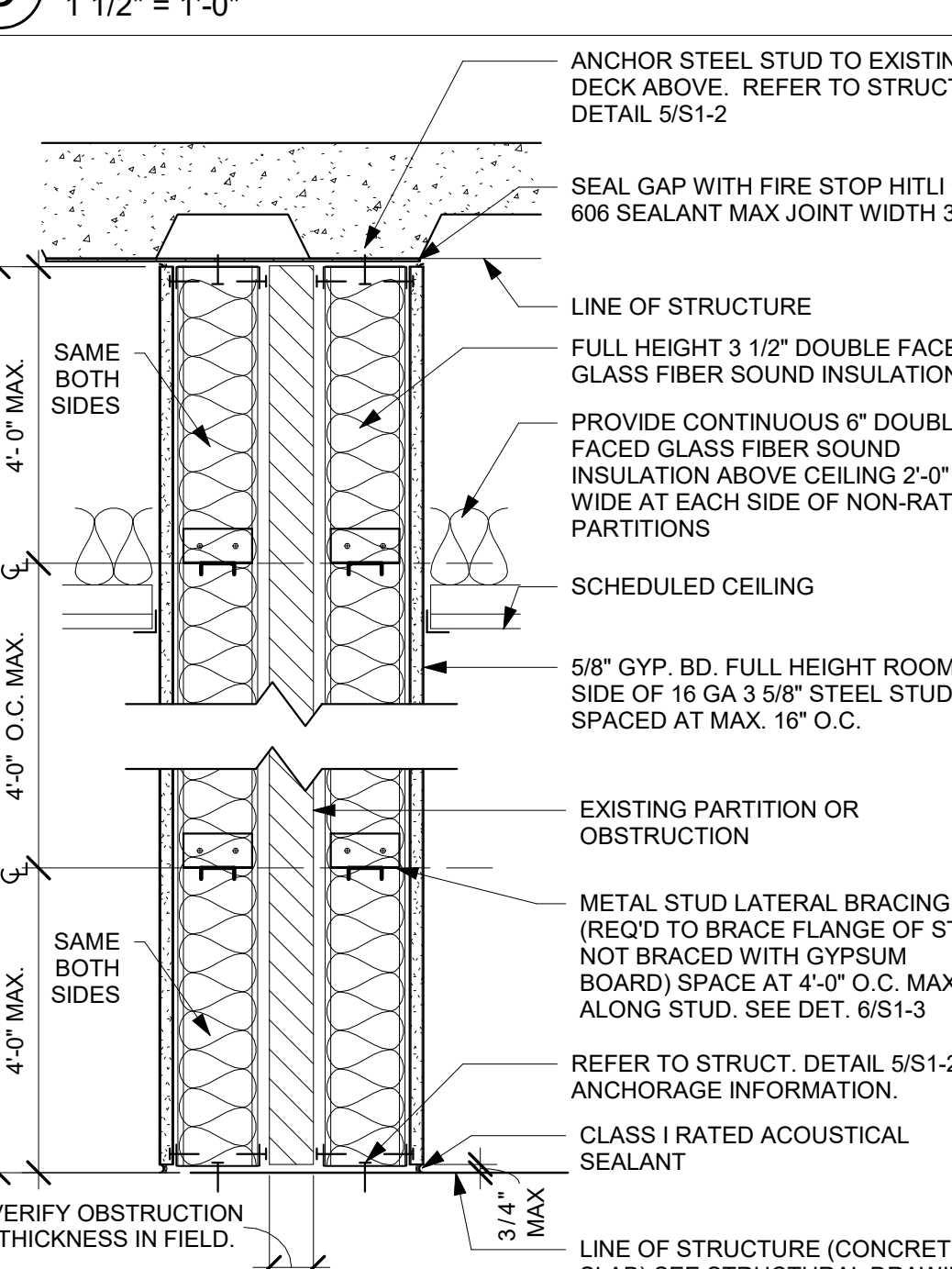
7 SHIELD WALL G - RF
1 1/2" = 1'-0"



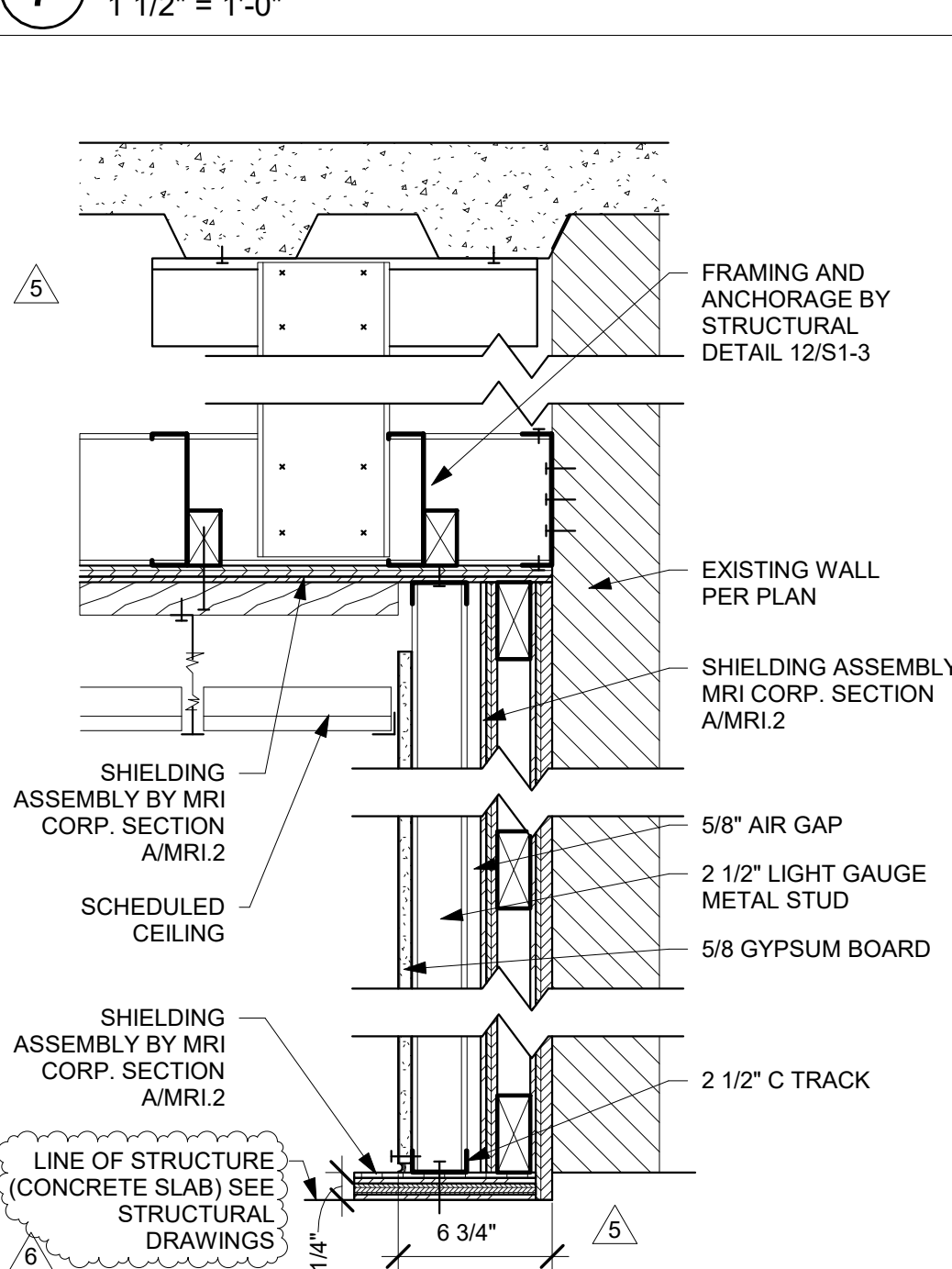
8 SHAFT WALL H - NR
1 1/2" = 1'-0"



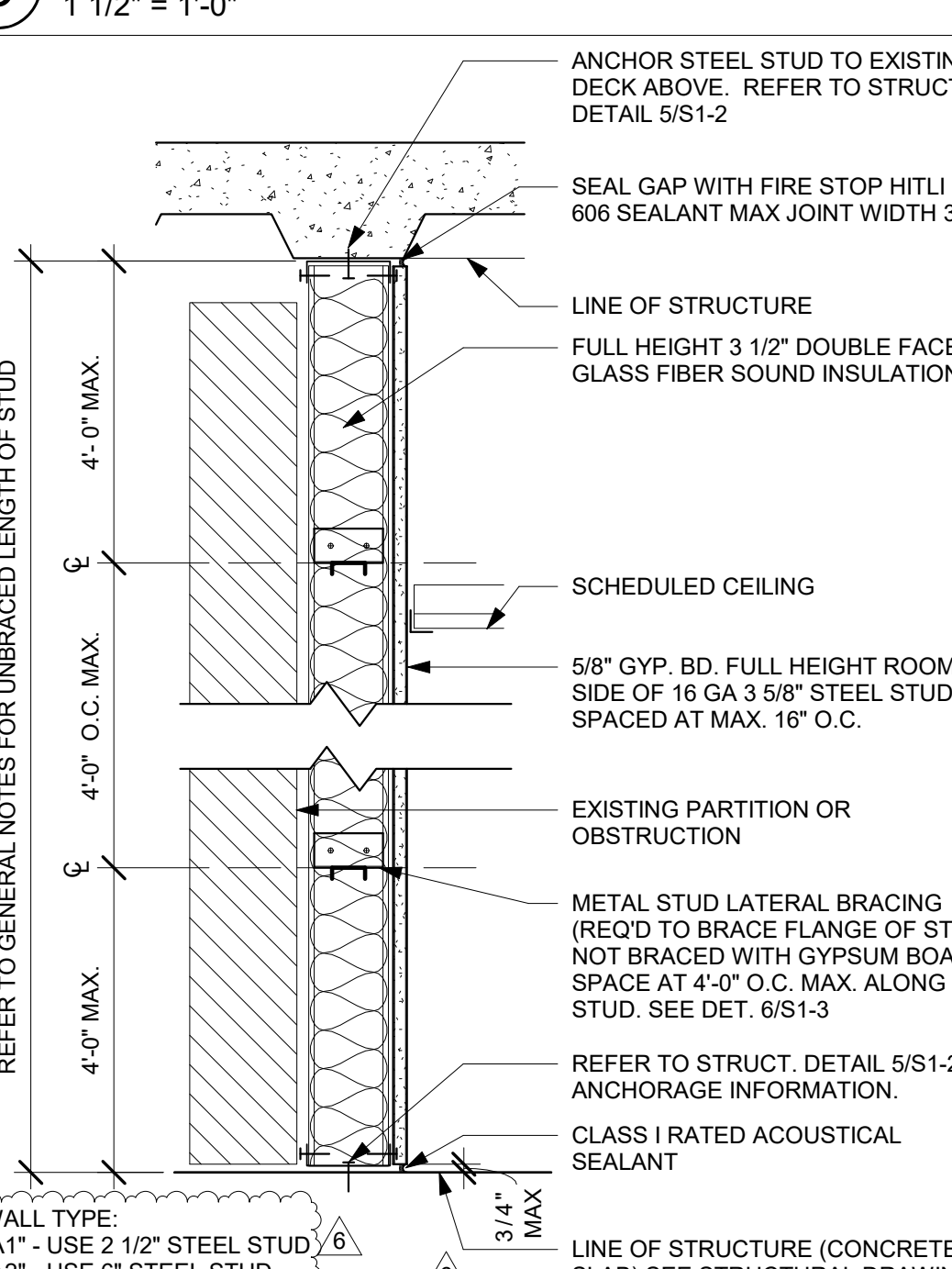
4 WALL TYPE D - NR
1 1/2" = 1'-0"



2 WALL TYPE B - NR
1 1/2" = 1'-0"



3 SHIELD WALL C - RF, MAGNETIC
1 1/2" = 1'-0"



1 WALL TYPE A, A1, A2 - NR @ EX. WALL
1 1/2" = 1'-0"

TCMC MRI

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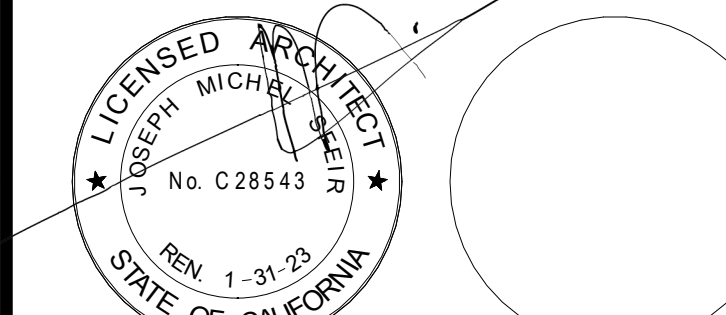
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1	OSHDP COMMENTS	8/3/2020
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4	OSHDP COMMENTS	11/24/2020
5	DESIGN CHANGES	11/24/2020
6	ACD 0001 DESIGN CHANGES	4/14/2021

REV.	DESCRIPTION	DATE

OSHDP APPROVAL STAMP:
OSHDP #: S200813-37-00-ACD0001

SHEET TITLE:
1/4" UPPER ROOF DEMO PLAN

PROJECT TITLE:
TCMC MRI

PROJECT #
01907.01

SHEET NUMBER:
A5-30

DRAWN BY:
Author

CHECKED BY:
Checker

SCALE:
PER TITLE

DATE:
3/11/2020

DEMOLITION KEYNOTES:

- 1 DEMOLISH WALL FOR A NEW DOOR. PER PLAN.
- 2 REMOVE EXISTING WALL.
- 3 REMOVE EXISTING DOOR, DOOR FRAME, & DOOR HARDWARE. SAVE DOOR OPERATOR FOR REINSTALLATION.
- 4 CORE DRILL IN THE METAL DECK/CONCRETE DECK. REF. MECH & PLUMBING DWG & 7/S1-1
- 5 REMOVE THE GYPBOARD FURRING AROUND THE COLUMN PER PLAN. LEAVE STRUCTURAL COLUMN IN PLACE.
- 6 EXISTING ELECTRICAL OUTLETS & SWITCHES TO REMAIN.
- 7 REMOVE THE EXISTING CABINETY PER PLAN.
- 8 REMOVE THE EXISTING WINDOW AND FRAME COMPLETELY.
- 9 REMOVE THE EXISTING CONCRETE SLAB (HIGHLIGHTED IN LIGHT GRAY)
- 10 PREPARE ROOF FOR A LEVELING PAD. SEE 1/A5-34 FOR EXTENT OF REMODEL
- 11 PROVIDE PENETRATIONS FOR FUTURE USE. FILL WITH FIRE RATED ASSEMBLY.
- 12 REMOVE LOW PARTITION WALL.
- 13 ETR. GRADE BEAM. TOP OF BEAM 14" BELOW TOP OF CONCRETE. VERIFY.
- 14 ETR. BUILDING EXPANSION JOINT.
- 15 ETR. CABINETY AND MILL WORK.
- 16 ETR. GROUND WIRE. PROTECT IN PLACE.
- 17 ETR. RECEPTION DESK.
- 18 ETR DOOR & DOOR FRAME. PRIME AND PAINT DOOR FRAME.

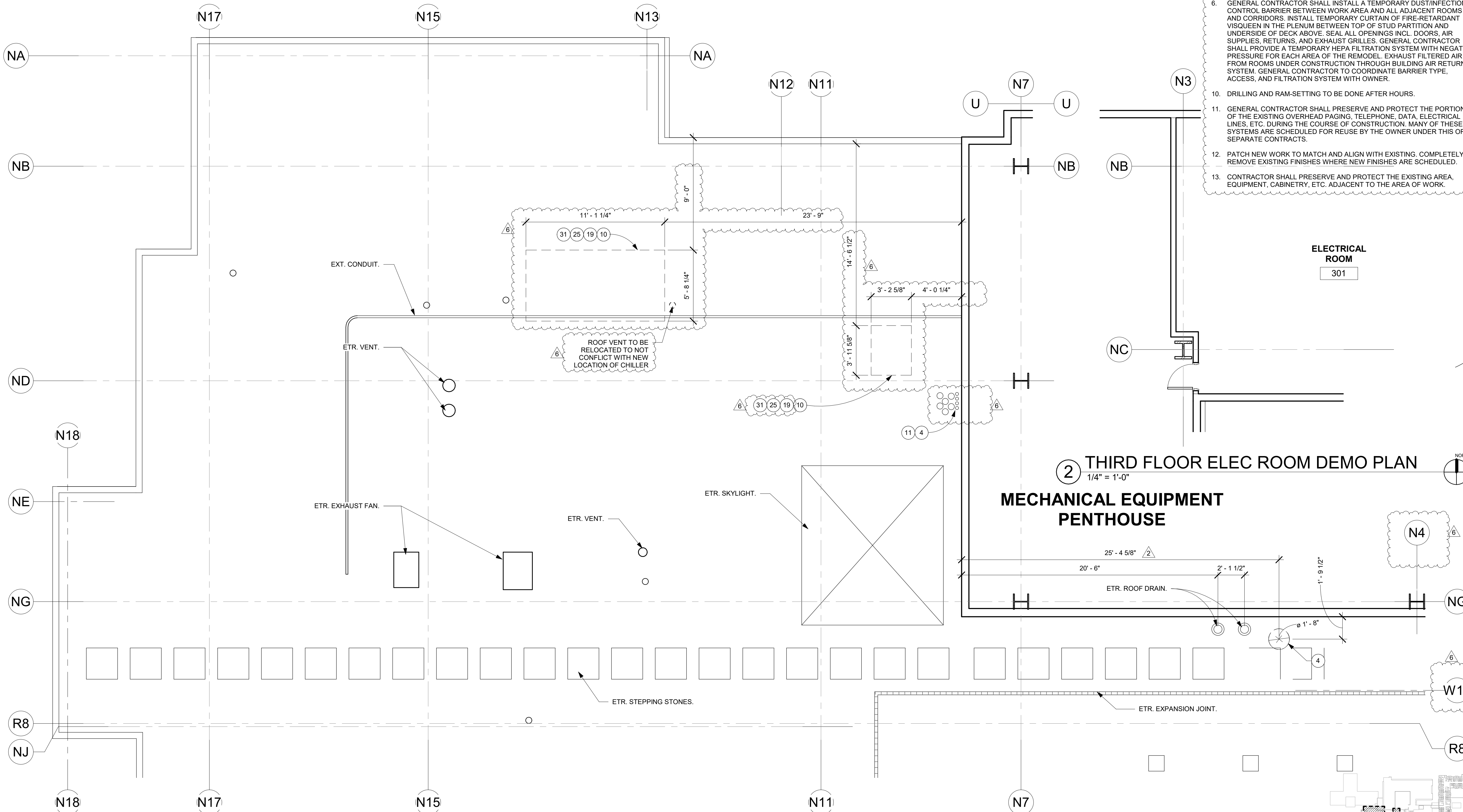
- 19 FIRE RESISTIVE CORRUGATED BOARD - Coroplast® Firewall FRB Class 94V-2 BELOW CEILING TO SEPARATE CONSTRUCTION AREA FROM ADJACENT AREA. TEMPORARY EXITING PROVISIONS SHALL MEET THE REQUIREMENTS OF OSHPD CAN 9-3301 AND CONSTRUCTION/INFECTION CONTROL BARRIER PLACEMENT SHALL BE COORDINATED WITH OSHPD FIELD FLSO AND HOSPITAL REPRESENTATIVE.
- 20 PROTECT OPENING DURING CONSTRUCTION AT ALL TIMES BY MAINTAINING 1 HOUR RATING OUTSIDE CONSTRUCTION HOURS.
- 21 REMOVE DRYWALL IN IT'S ENTIRITY THROUGHOUT CORRIDOR PARTITION.
- 22 INFECTION CONTROL ANTEROOM.
- 23 1/2" CEMENTITIOUS BOARD ON BOTH SIDE OF LIGHT WEIGHT METAL STUD PARTITION AND 4'-0" DOOR AND LOCK.
- 24 ERECT AND TIGHTLY SEAL ON TOP OF PARTITION AND TO UNDERSIDE OF DECK WITH FIRE RESISTIVE VISQUEEN. TAPE ALL EDGES TO STOP AIR LEAKAGE.

- 25 PROVIDE TWO ZIPPER CURTAINS OF FIRE RESISTANT VISQUEEN. TEMPORARY EXITING PROVISIONS SHALL MEET THE REQUIREMENTS OF OSHPD CAN 9-3301 AND THAT CONSTRUCTION/INFECTION CONTROL BARRIER PLACEMENT SHALL BE COORDINATED WITH OSHPD FIELD FLSO.
- 26 TEMPORARY 6'HIGH CHAINLINK FENCE WITH 4'-0" GATE WITH LOCK.
- 27 1-HOUR RATED TEMPORARY GYPSUM WALL BOARD AND METAL STUD PARTITION AND DOOR. TEMPORARY EXITING PROVISION SHALL MEET THE REQUIREMENTS OF OSHPD CAN 9-3301. CONSTRUCTION/INFECTION CONTROL BARRIER PLACEMENT SHALL BE COORDINATED WITH OSHPD FIELD FLSO.
- 28 EXISTING ELECTRICAL PANELS TO REMAIN.
- 29 REMOVE EXISTING DRYWALL UP TO 10'-0" MAX PER STRUCTURAL DETAIL 5/S3-1.
- 30 DEMOLISH BENCH SEAT.
- 31 IN CONSTRUCTION AREA BELOW ROOF ANCHORAGE PROTECT ALL EQUIPMENT WITH DUST COVERS. REPLACE REMOVED VEILING TILES. REPLACE DAMAGED CEILING GRID. SEPARATE AREA OF CONSTRUCTION WITH INFECTION CONTROL.

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4. GENERAL CONTRACTOR SHALL X-RAY AND/OR ULTRASOUND THE EXISTING CONCRETE FLOORS, ROOF DECKS AND FLOOR ABOVE FOR ANY POSSIBLE EMBEDDED CONDUITS, STRUCTURAL REBAR, OR UNFORESEEN CONDITIONS OUTSIDE THE SCOPE OF WORK THAT MIGHT IMPEDE THE ANCHORING OF EQUIPMENT PRIOR TO CONSTRUCTION.
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10. DRILLING AND RAM-SETTING TO BE DONE AFTER HOURS.
11. GENERAL CONTRACTOR SHALL PRESERVE AND PROTECT THE PORTIONS OF THE EXISTING OVERHEAD PAGING, TELEPHONE, DATA, ELECTRICAL LINES, ETC. DURING THE COURSE OF CONSTRUCTION. MANY OF THESE SYSTEMS ARE SCHEDULED FOR REUSE BY THE OWNER UNDER THIS OR SEPARATE CONTRACTS.
12. PATCH NEW WORK TO MATCH AND ALIGN WITH EXISTING. COMPLETELY REMOVE EXISTING FINISHES WHERE NEW FINISHES ARE SCHEDULED.
13. CONTRACTOR SHALL PRESERVE AND PROTECT THE EXISTING AREA, EQUIPMENT, CABINETY, ETC. ADJACENT TO THE AREA OF WORK.

ROOF DEMOLITION NOTES:



1 SECOND FLOOR ROOF DEMO PLAN
1/4" = 1'-0"

2 THIRD FLOOR ELEC ROOM DEMO PLAN
1/4" = 1'-0"
MECHANICAL EQUIPMENT PENTHOUSE



KEY PLAN

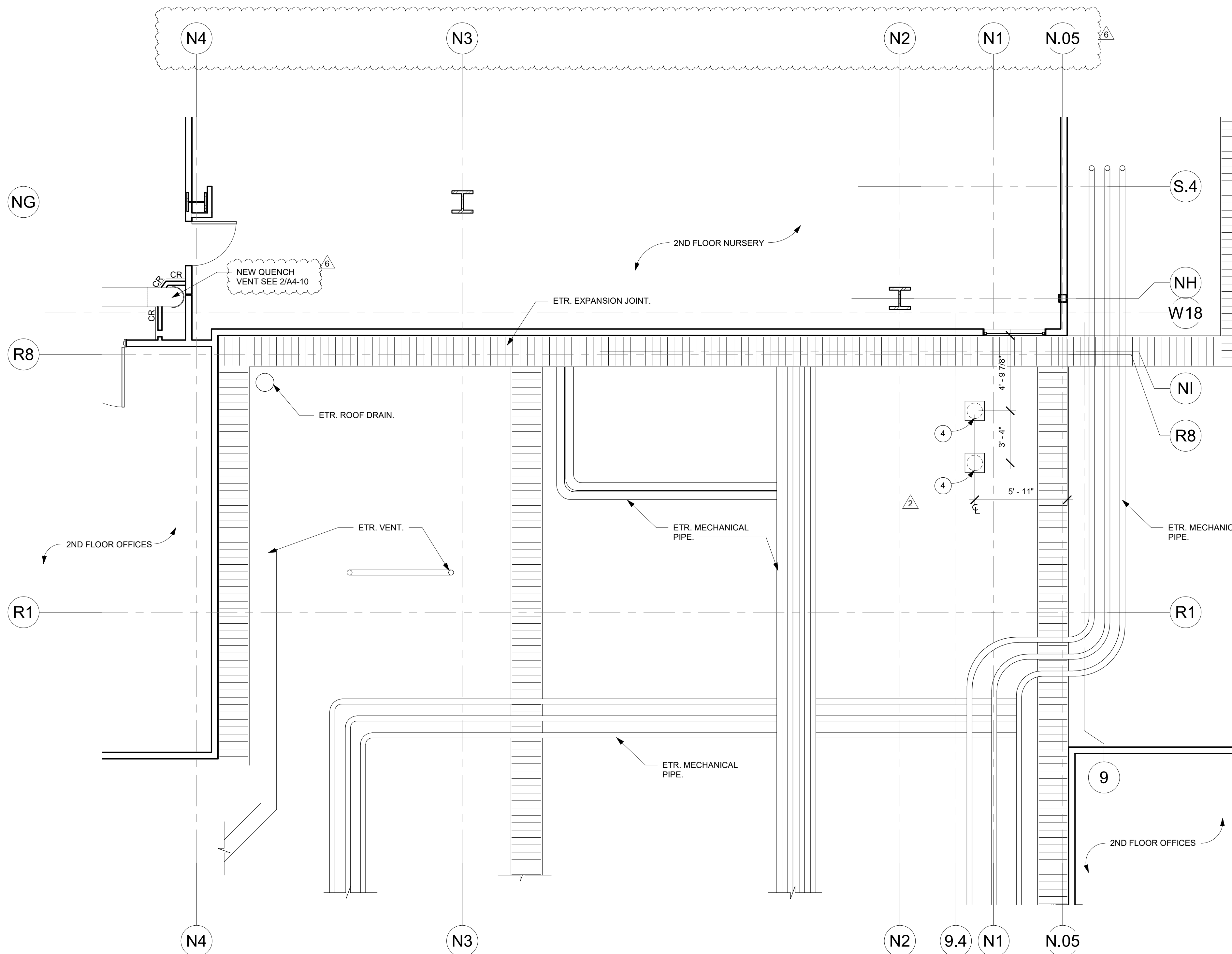
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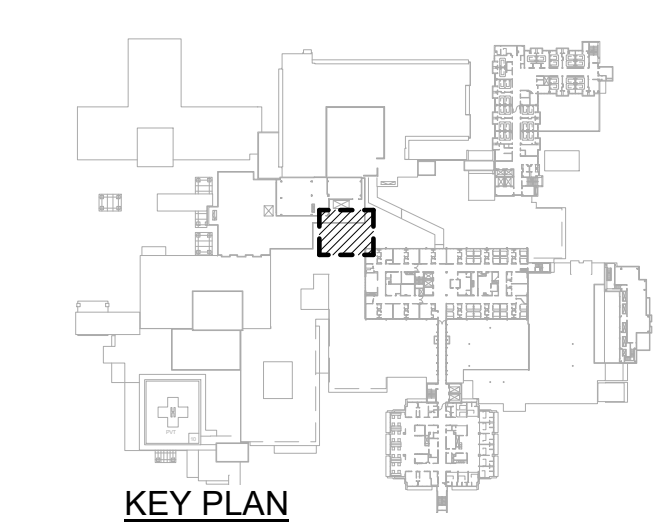
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- 6. GENERAL CONTRACTOR SHALL INSTALL A TEMPORARY DUST/INFECTION CONTROL BARRIER BETWEEN WORK AREA AND ALL ADJACENT ROOMS AND CORRIDORS. INSTALL TEMPORARY CURTAIN OF FIRE-RETARDANT VISQUEEN IN THE PLENUM BETWEEN TOP OF STUD PARTITION AND UNDERSIDE OF DECK ABOVE. SEAL ALL OPENINGS INCL. DOORS, AIR SUPPLIES, RETURNS, AND EXHAUST GRILLES. GENERAL CONTRACTOR SHALL PROVIDE A TEMPORARY HEPA FILTRATION SYSTEM WITH NEGATIVE PRESSURE FOR EACH AREA OF THE REMODEL. EXHAUST FILTERED AIR FROM ROOMS UNDER CONSTRUCTION THROUGH BUILDING AIR RETURN SYSTEM. GENERAL CONTRACTOR TO COORDINATE BARRIER TYPE, ACCESS, AND FILTRATION SYSTEM WITH OWNER.
- 10. DRILLING AND RAM-SETTING TO BE DONE AFTER HOURS.
- 11. GENERAL CONTRACTOR SHALL PRESERVE AND PROTECT THE PORTIONS OF THE EXISTING OVERHEAD PAGING, TELEPHONE, DATA, ELECTRICAL LINES, ETC. DURING THE COURSE OF CONSTRUCTION. MANY OF THESE SYSTEMS ARE SCHEDULED FOR REUSE BY THE OWNER UNDER THIS OR SEPARATE CONTRACTS.
- 12. PATCH NEW WORK TO MATCH AND ALIGN WITH EXISTING. COMPLETELY REMOVE EXISTING FINISHES WHERE NEW FINISHES ARE SCHEDULED.
- 13. CONTRACTOR SHALL PRESERVE AND PROTECT THE EXISTING AREA, EQUIPMENT, CABINETY, ETC. ADJACENT TO THE AREA OF WORK.

ROOF DEMOLITION NOTES:



1 FIRST FLOOR ROOF DEMO PLAN
1/4" = 1'-0"



5151 Shoreham Pl, Suite 265
San Diego, CA 92122
P: 619-299-3917
F: 619-299-5084
www.sfeirarch.com

TCMC MRI
Tri-City Medical Center
4002 VISTA WAY
OCEANSIDE CA, 92056

OWNER: TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056
TEL(760)940-7709

ARCHITECT: SFEIR ARCHITECTS
5151 SHOREHAM PL SUITE 265
SAN DIEGO, CALIFORNIA 92122
TEL(619)299-3917

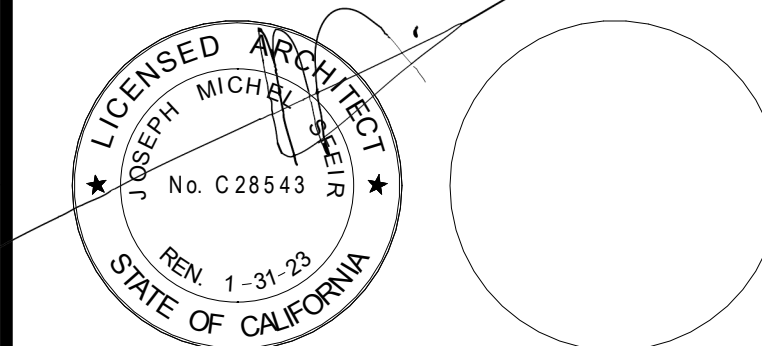
STRUCTURAL: MIYAMOTO INTERNATIONAL, INC.
5550 BALTIMORE DRIVE, SUITE 100
LA MESA, CA 91942
TEL(858)457-3001

MECHANICAL & PLUMBING: SC ENGINEERS, INC.
17075 VIA DEL CAMPO
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ELECTRICAL: AG DESIGN, INC.
171 S. ANITA DR. SUITE 111
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SHIELDING: MRI SHIELDING CORPORATION
3554 BUSINESS PARK DR., SUITE B
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TEL(714)545-7700

INTERIORS: ISLEY DESIGN & PLANNING
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ESCONDIDO, CA 92029
TEL(760)484-0455



1	OSHPD COMMENTS	8/3/2020
2	DESIGN CHANGES	8/10/2020
3	OSHPD COMMENTS	10/2/2020
4	OSHPD COMMENTS	11/24/2020
5	DESIGN CHANGES	11/24/2020
6	ACD 0001 DESIGN CHANGES	4/14/2021

REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

SHEET TITLE:
1/4" LOWER ROOF DEMO PLAN

PROJECT TITLE:
TCMC MRI

PROJECT #:
01907.01

DRAWN BY:
Author

CHECKED BY:
Checker

SCALE:
PER TITLE

DATE:
3/11/2020

SHEET NUMBER:
A5-31

TCMC MRI

Tri-City Medical
Center

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4	OSHPD COMMENTS	11/24/2020
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6	ACD 0001 DESIGN CHANGES	4/14/2021

REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

SHEET TITLE:
1/4" UPPER ROOF PLAN

PROJECT TITLE:
TCMC MRI

PROJECT #:
01907.01

SHEET NUMBER:
A5-32

DRAWN BY:
Author

CHECKED BY:
Checker

SCALE:
PER TITLE

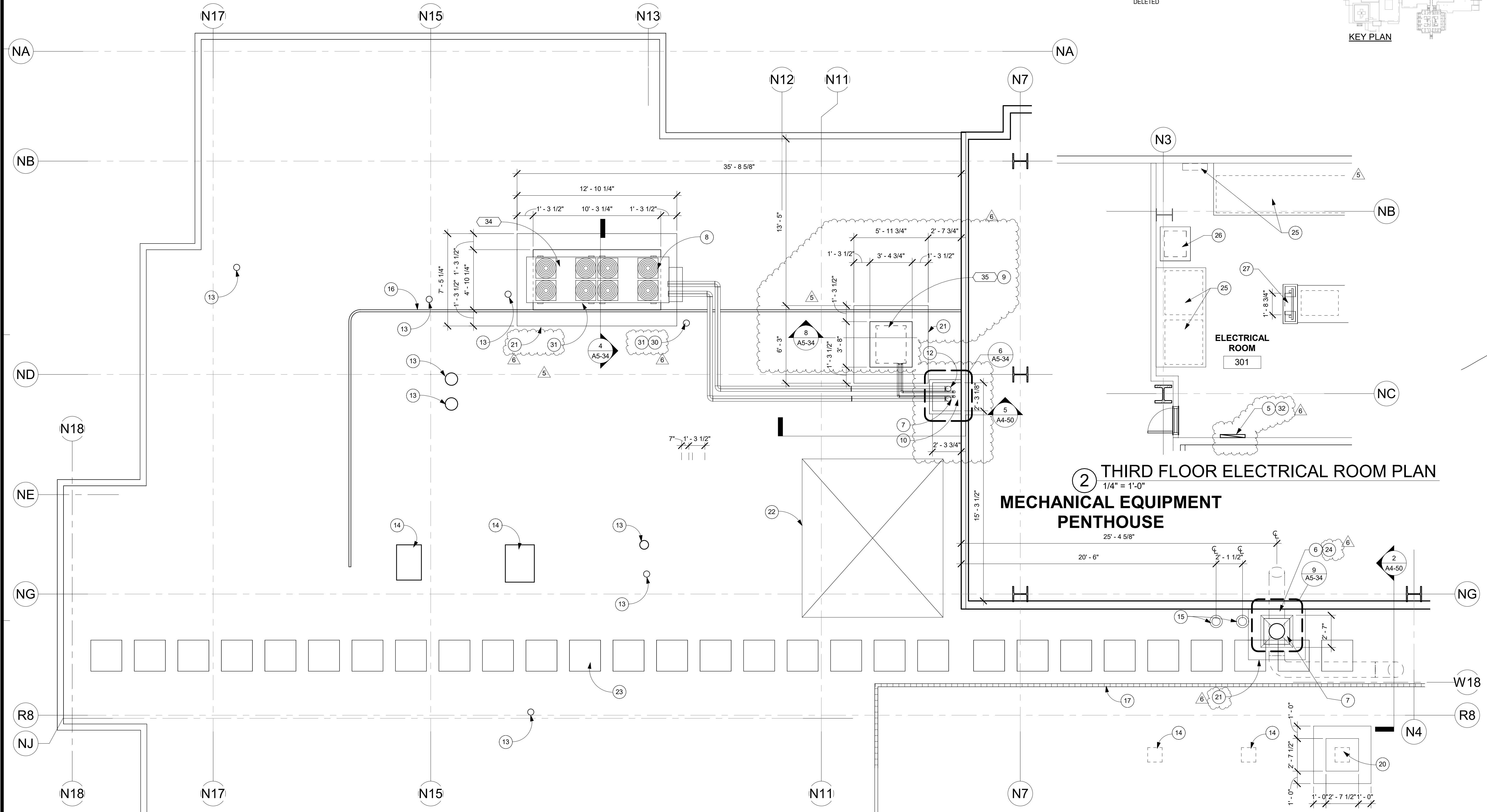
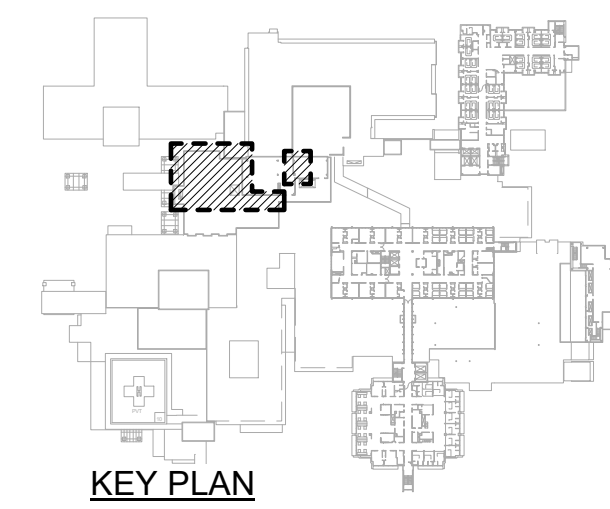
DATE:
3/11/2020

ROOF PLAN KEYNOTES:

- | | | |
|---|---|--|
| 1 NOT USED. | 12 HOT DIPPED GALVANIZED 16 GAUGE WELDED SHEET METAL BOX. | 25 EXISTING EQUIPMENT TO REMAIN. |
| 2 NOT USED. | 13 ETR. VENT. | 26 NEW TRANSFORMER. SEE ITEM 79 ON SCHEDULE ON S2-10 AND 1/E5-32. PRIME AND PAINT PAD. |
| 3 NOT USED. | 14 ETR. EXHAUST FAN. | 27 NEW ELECTRICAL PANEL. SEE ITEM 80 ON SCHEDULE ON S2-10 AND 1/E5-32. PRIME AND PAINT PAD. |
| 4 NOT USED. | 15 ETR. ROOF DRAIN. | 28 NEW FURR OUT PARTITION. |
| 5 NEW ELECTRICAL PANEL. SEE ELECTRICAL DRAWINGS AND 4/S4-1 FOR ANCHORAGE. | 16 ETR. CONDUIT. | 29 TWO KICKERS EACH END OF WALL PER DETAIL 12/A5/1-2 |
| 6 INSTALL GALVANIZED ROUND DUCT, ATTACHING TO THE ADJACENT WALL. SEE STRUCTURAL DRAWINGS. | 17 ETR. BUILDING EXPANSION JOINT. | 30 RELOCATED ROOF VENT. GENERAL CONTRACTOR TO COORDINATE PRECISE LOCATION. WEATHERPROOF WITH CHEM CURB SIMILAR TO DETAIL 12/A5/34. |
| 7 INSTALL WATER PROOFING AROUND ROOF PENETRATION. | 18 INTERIOR 2ND FLOOR OF THE BUILDING. | 31 GENERAL CONTRACTOR TO VERIFY ACCESS BELOW ROOF AND ABOVE CEILING BELOW FOR NEW VENT AND ANCHORAGE. |
| 8 INSTALL GE MRI CHILLER ON TOP OF STEEL CURBS PER DETAILS SHOWN. | 19 ETR. UTILITY PIPE. | 32 ADD 2 HOUR FIRE RATE BEHIND PANEL. |
| 9 INSTALL CONDENSERS ON TOP OF STEEL CURBS PER DETAILS SHOWN. | 20 NEW EXHAUST FAN. | |
| 10 PLUG FUTURE PENETRATIONS WITH FIRE RESISTIVE AND WATER PROOF MATERIAL. | 21 EXTENT OF WATERPROOFING MEMBRANE. | |
| 11 NEW PRESSURE RELEASE EXHAUST FAN. | 22 ETR. SKYLIGHT. | |
| | 23 ETR. STEPPING PADS. | |
| | 24 NEW QUENCH VENT. | |

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1 SECOND FLOOR ROOF PLAN
1/4" = 1'-0"

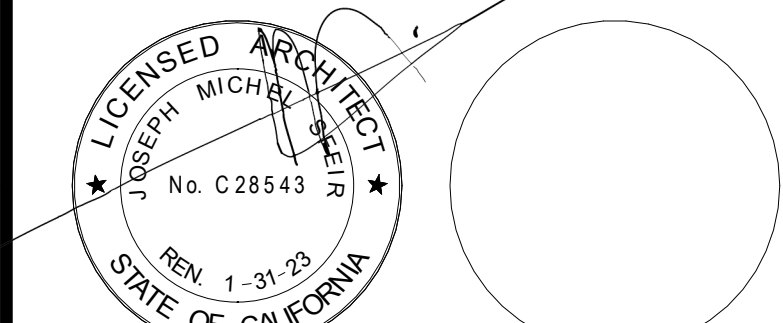
2 THIRD FLOOR ELECTRICAL ROOM PLAN
1/4" = 1'-0"
MECHANICAL EQUIPMENT PENTHOUSE
25'-4 5/8"

TCMC MRI

Tri-City Medical
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REV	DESCRIPTION	DATE
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4	OSHPD COMMENTS	11/24/2020
5	DESIGN CHANGES	11/24/2020
6	ACD 0001 DESIGN CHANGES	4/14/2021

REV	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

SHEET TITLE:
1/4" LOWER ROOF PLAN

PROJECT TITLE:
TCMC MRI

PROJECT #:
01907.01

DRAWN BY:
Author

CHECKED BY:
Checker

SCALE:
PER TITLE

DATE:
3/11/2020

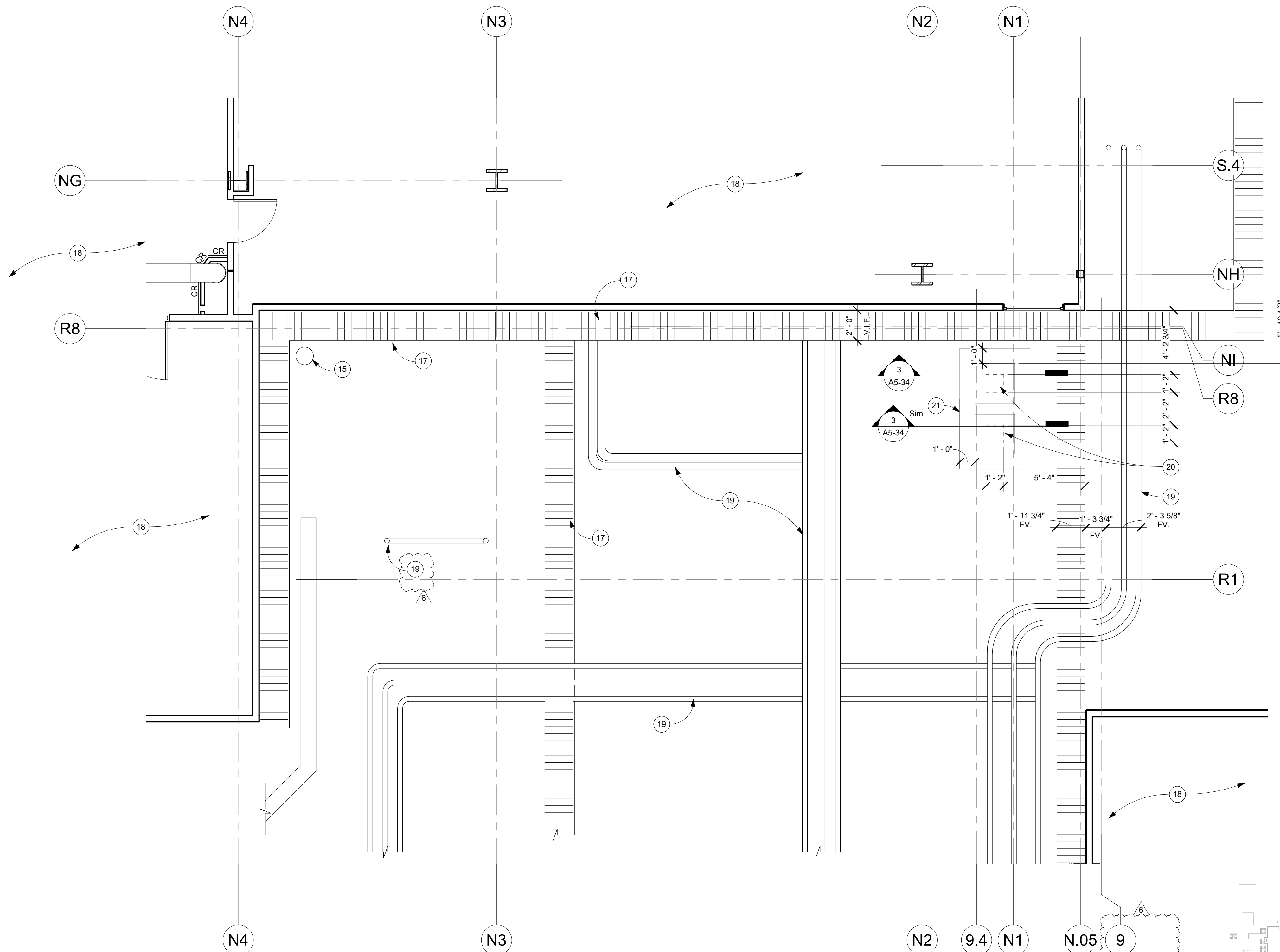
SHEET NUMBER:
A5-33

ROOF PLAN KEYNOTES:

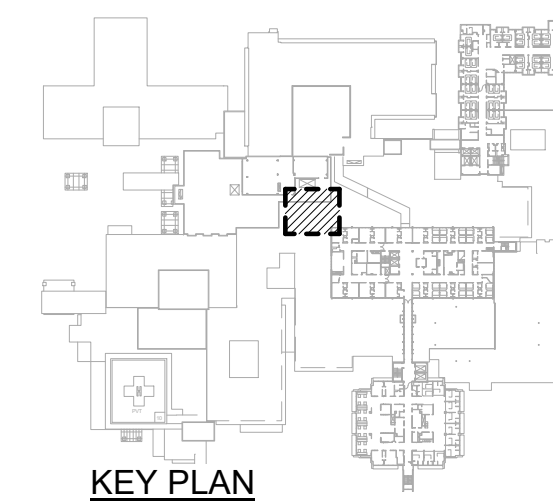
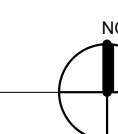
- | | | |
|---|---|--|
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1 FIRST FLOOR ROOF PLAN
1/4" = 1'-0"



TCMC MRI

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ARCHITECT: SFEIR ARCHITECTS
5151 SHOREHAM PL SUITE 265
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TEL(619)299-3917

STRUCTURAL: MIYAMOTO INTERNATIONAL, INC.
5550 BALTIMORE DRIVE, SUITE 100
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TEL(858)457-3001

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ESCONDIDO, CA 92029
TEL(760)484-0455



1	OSHDP COMMENTS	8/3/2020
2	DESIGN CHANGES	8/10/2020
3	OSHDP COMMENTS	10/2/2020
4	OSHDP COMMENTS	11/24/2020
5	DESIGN CHANGES	11/24/2020
6	ACD 0001 DESIGN CHANGES	4/14/2021

REV.	DESCRIPTION	DATE

CONSULTANT

OSHDP APPROVAL STAMP:
OSHDP #: S200813-37-00-ACD0001

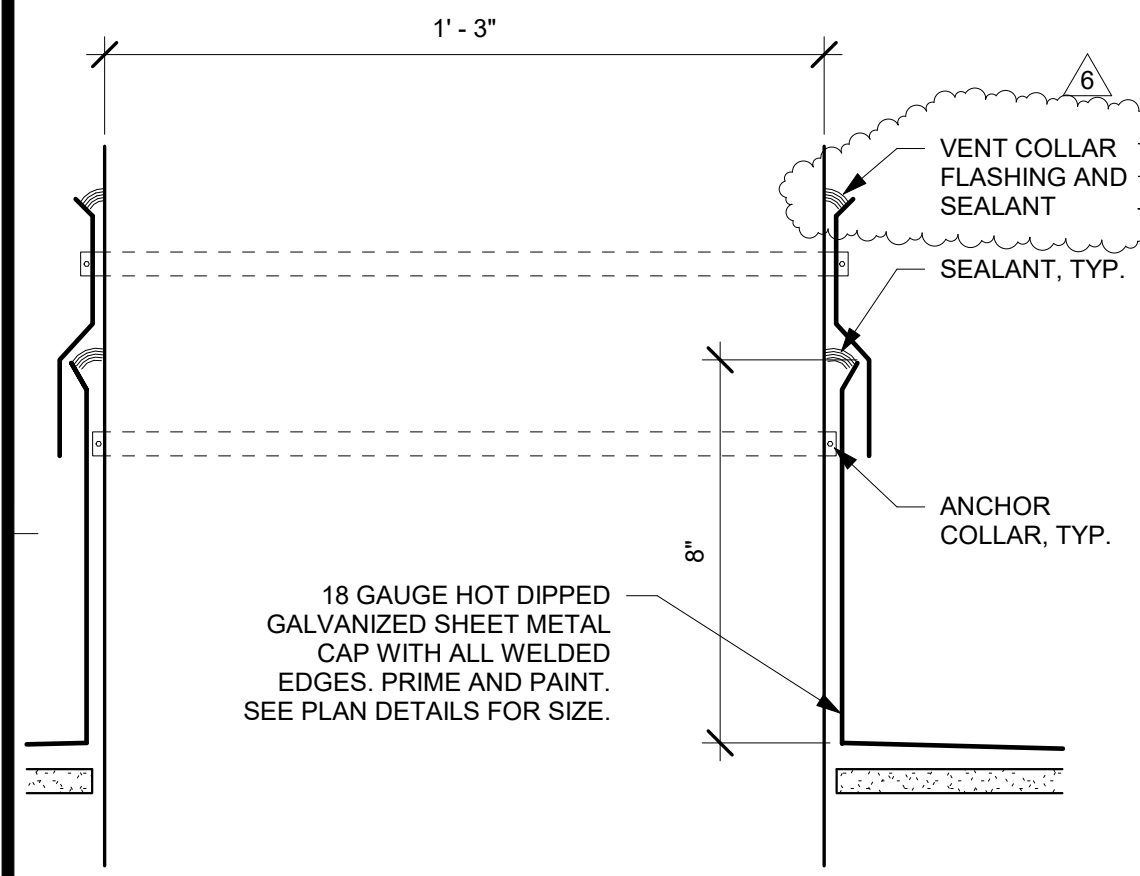
ROOF DETAILS PLAN & SECTION

PROJECT TITLE: TCMC MRI
PROJECT #: 01907.01
DRAWN BY: Author
CHECKED BY: Checker
SCALE: PER TITLE
DATE: 3/11/2020

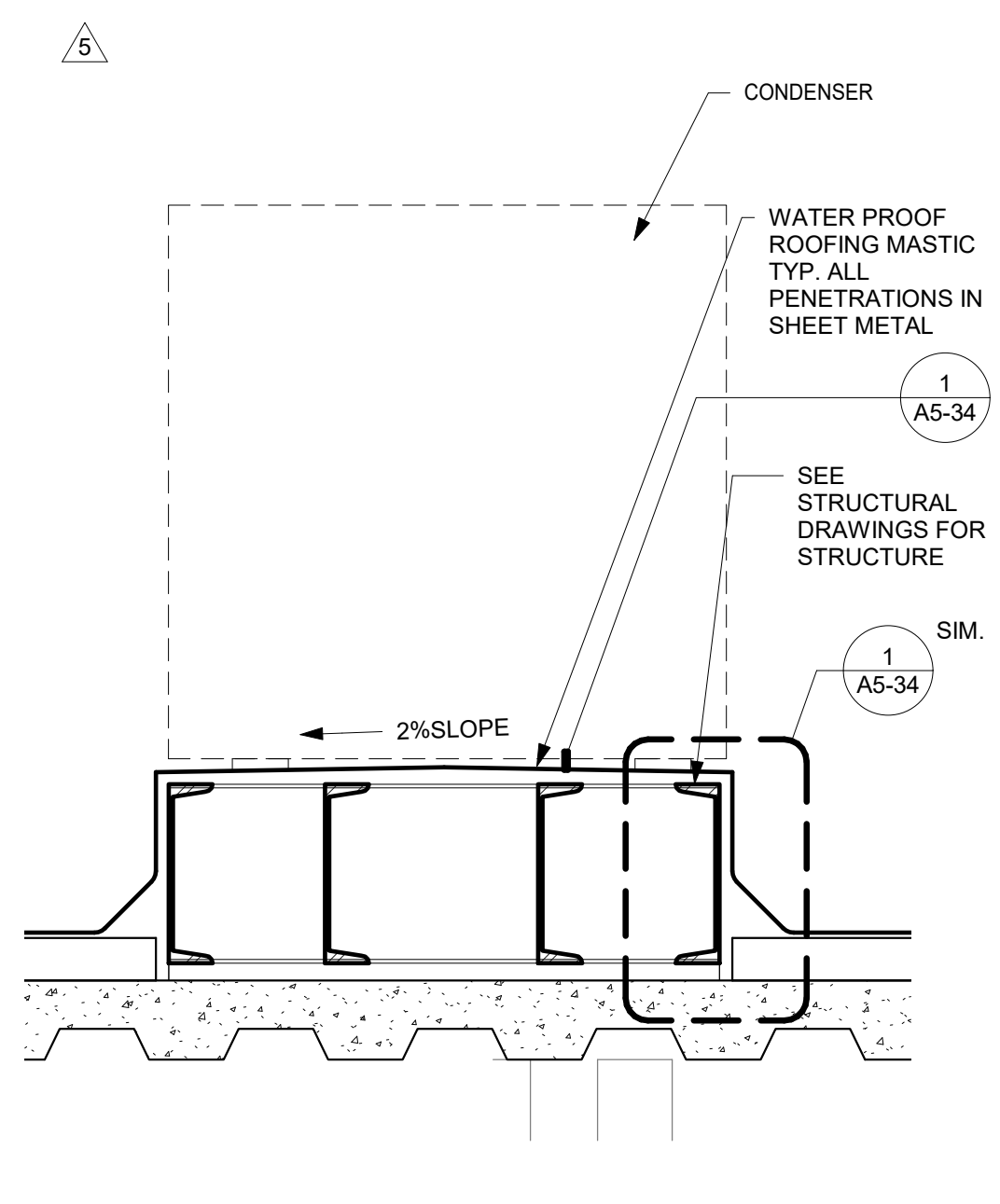
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GENERAL NOTES:

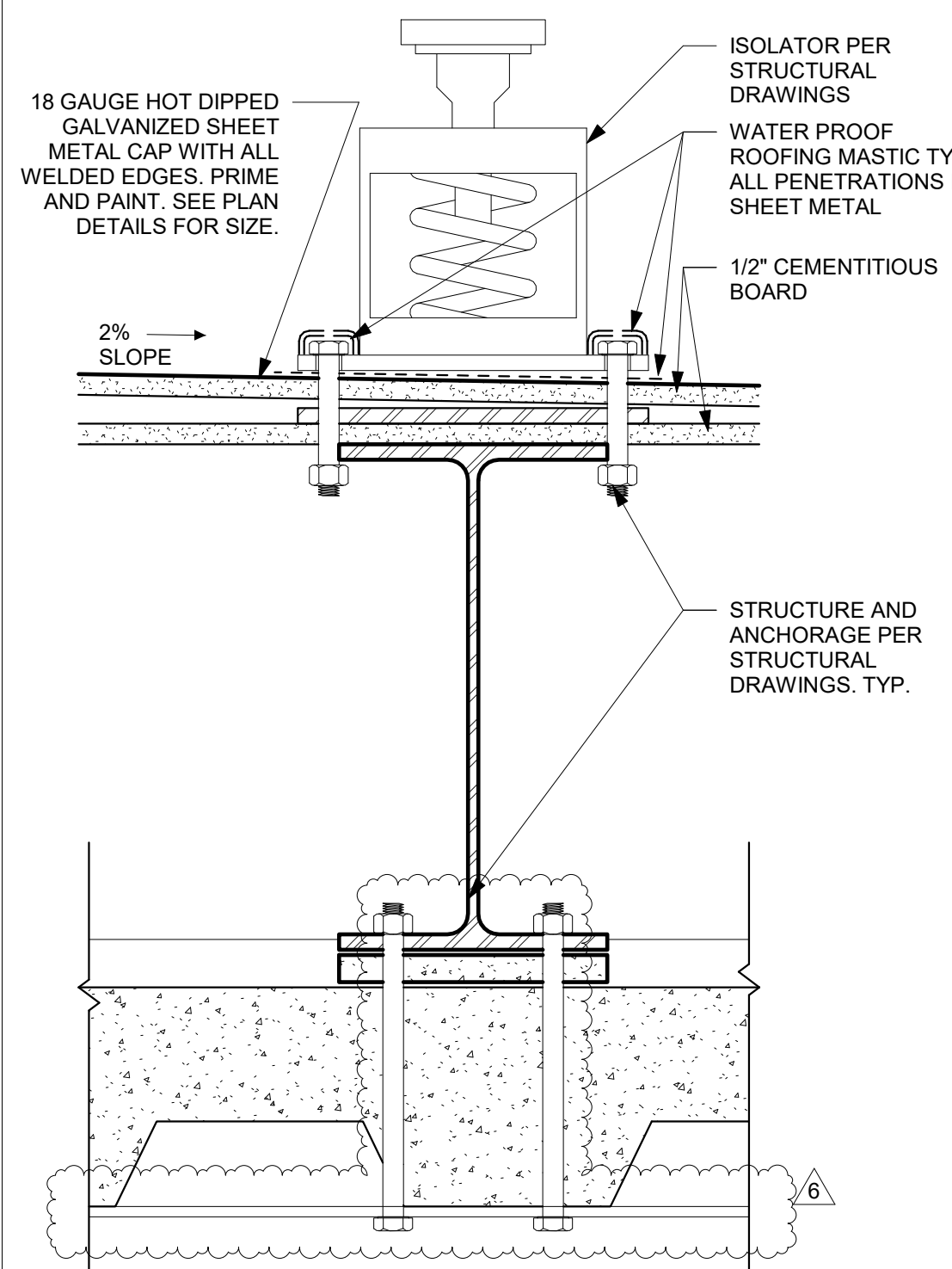
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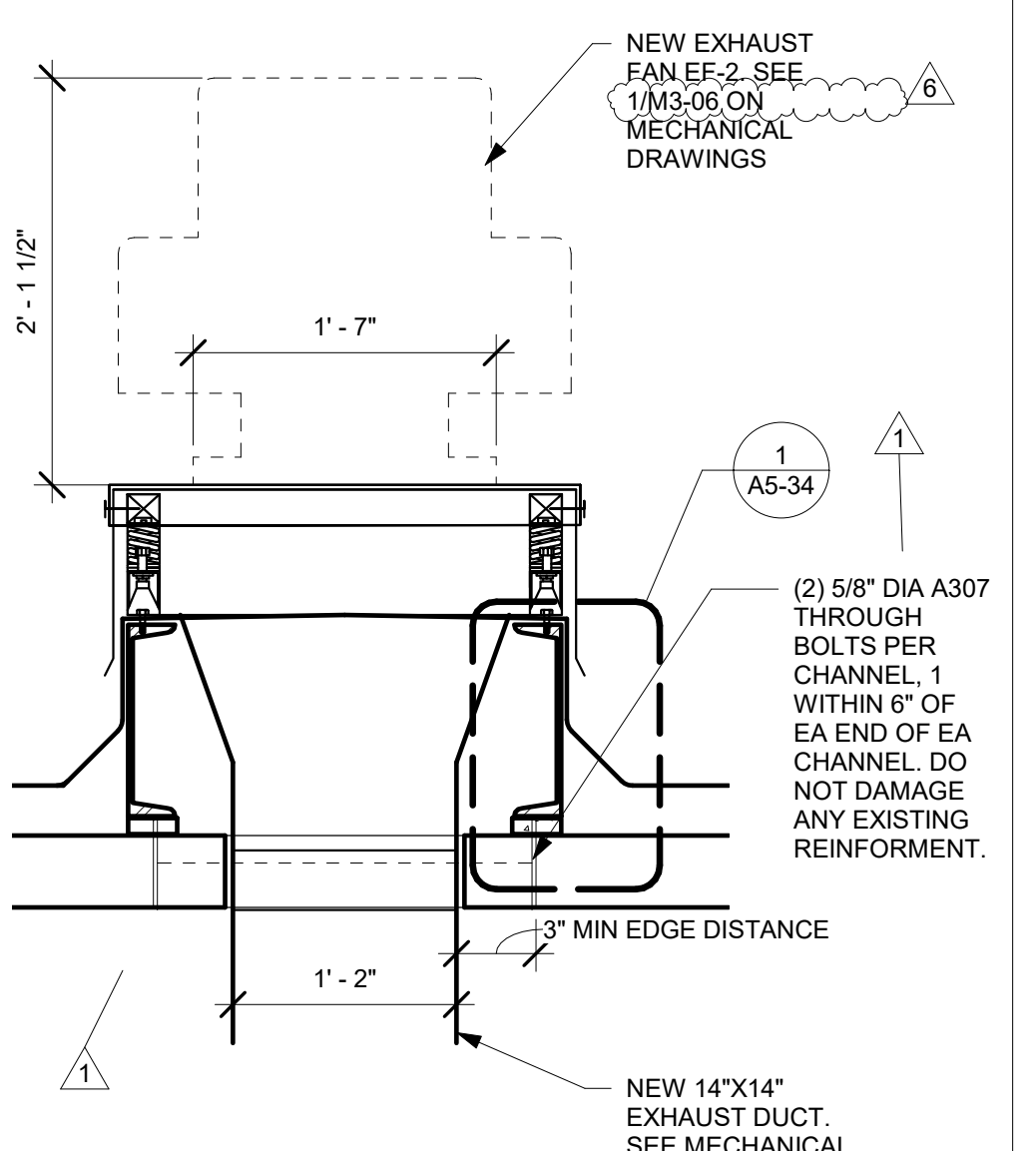
11 DUCT COLLAR
3" = 1'-0"



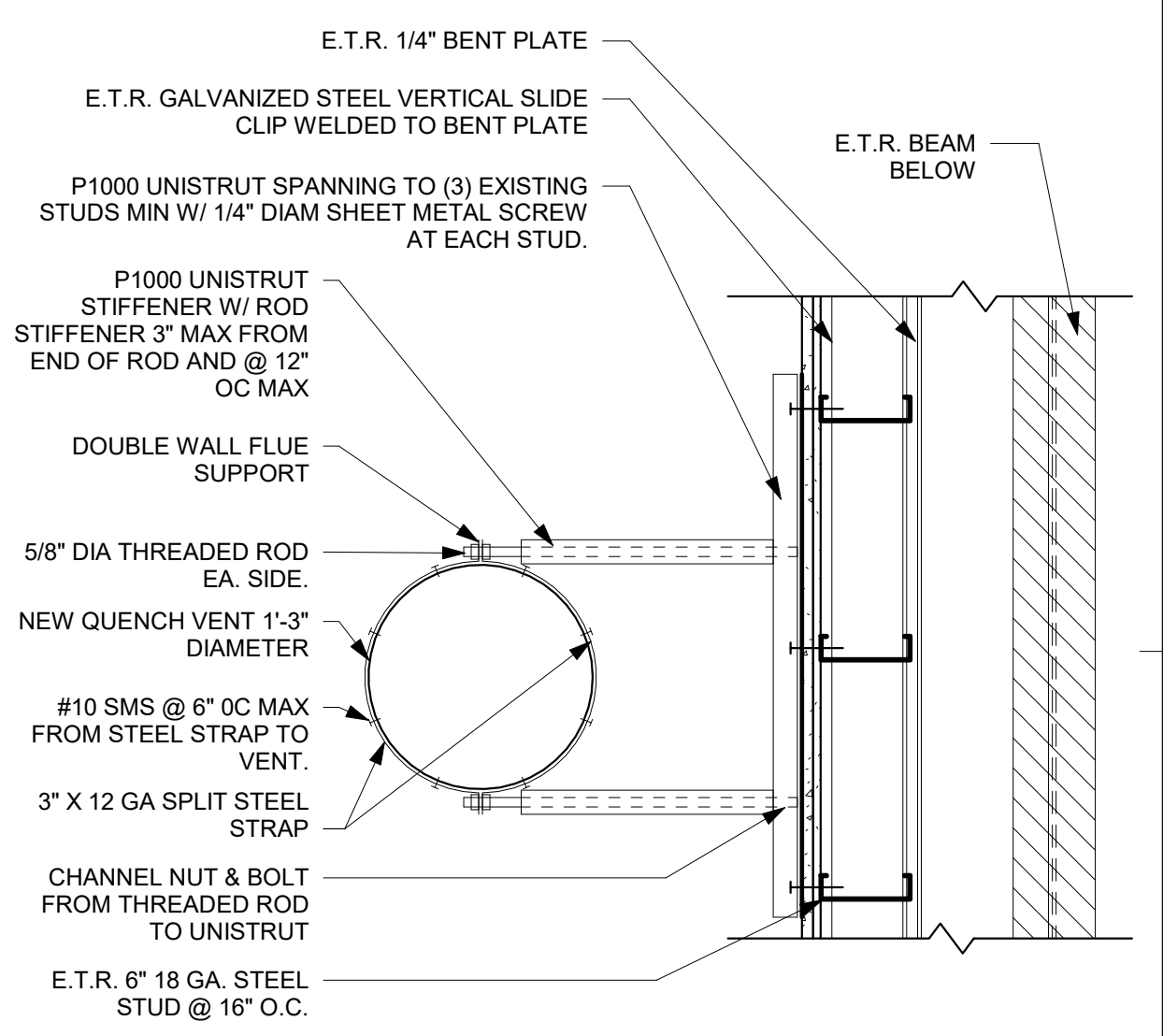
8 CONDENSING UNIT
1" = 1'-0"



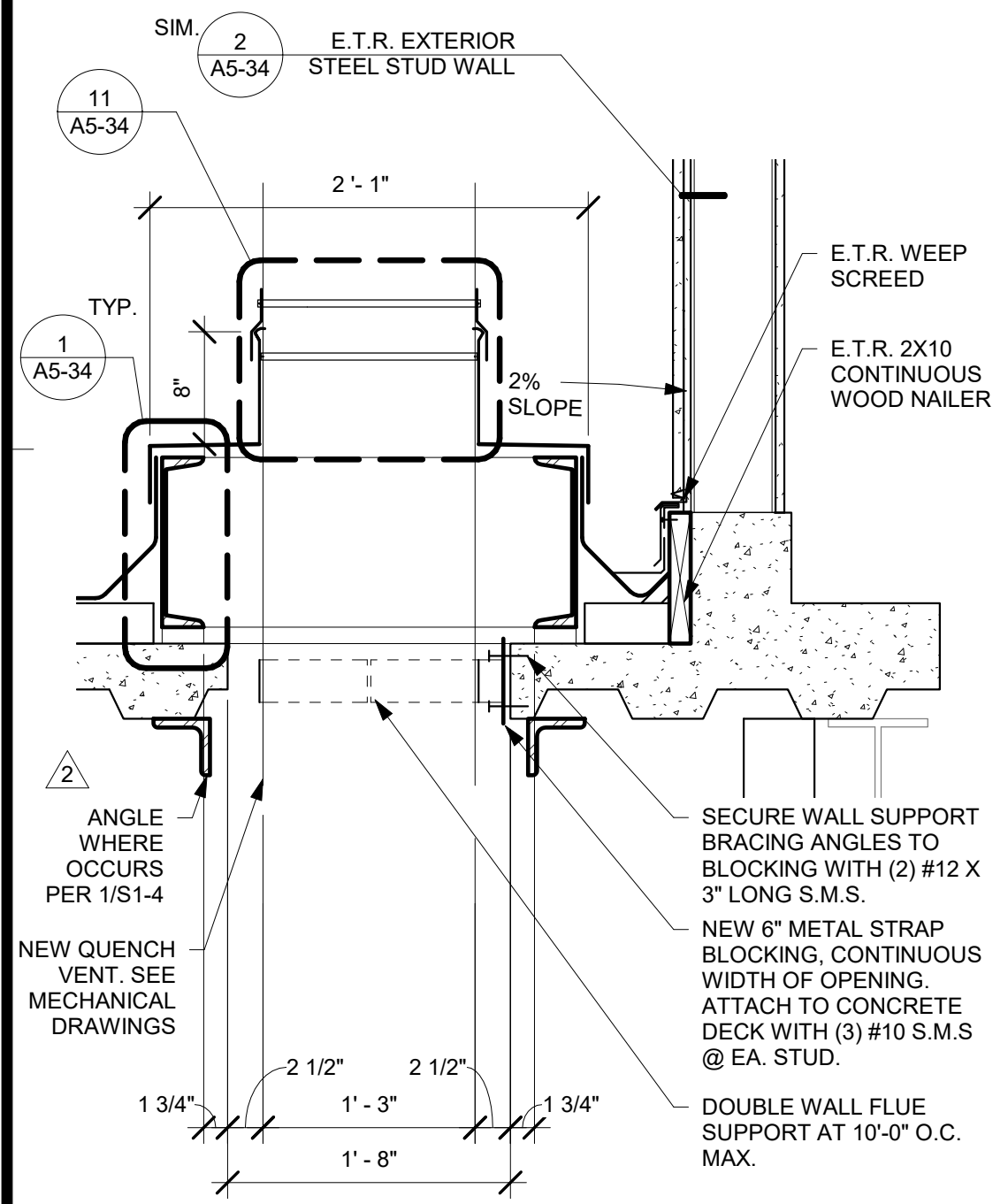
5 CHILLER- WATERPROOFING
3" = 1'-0"



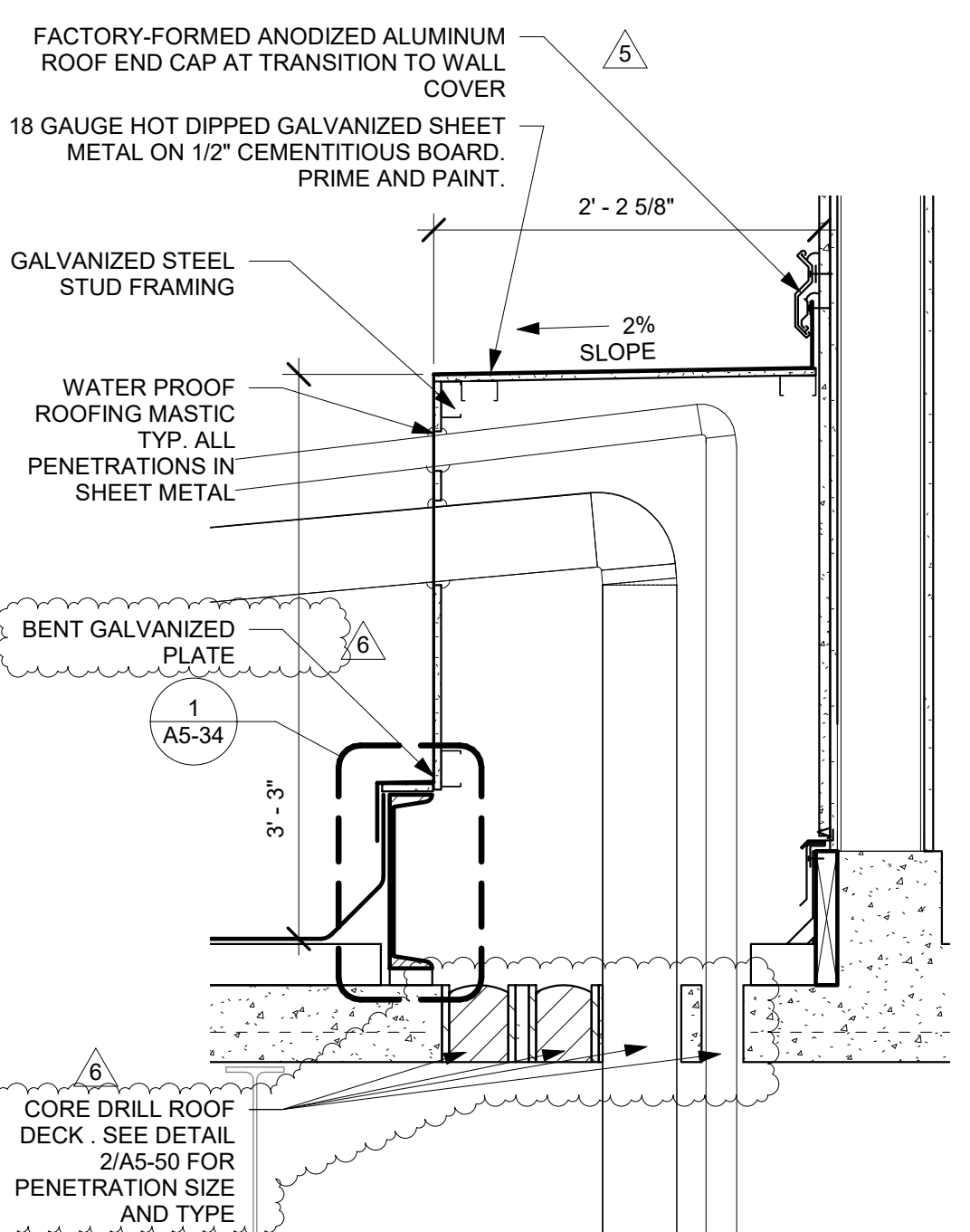
3 EXHAUST FAN 2 SECTION DETAIL
1" = 1'-0"



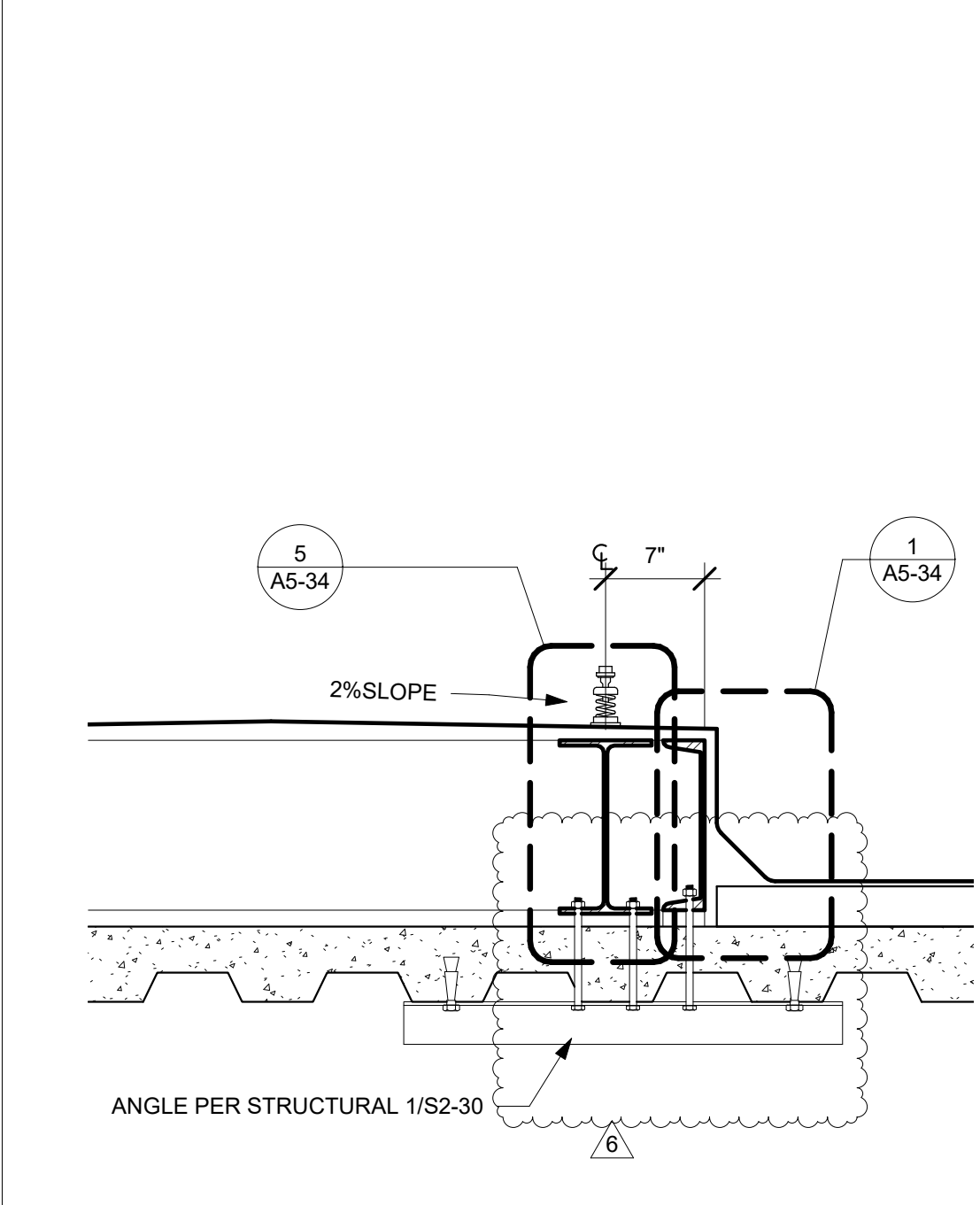
13 QUENCH VENT (E) WALL ANCHORAGE PLAN DETAIL
1" = 1'-0"



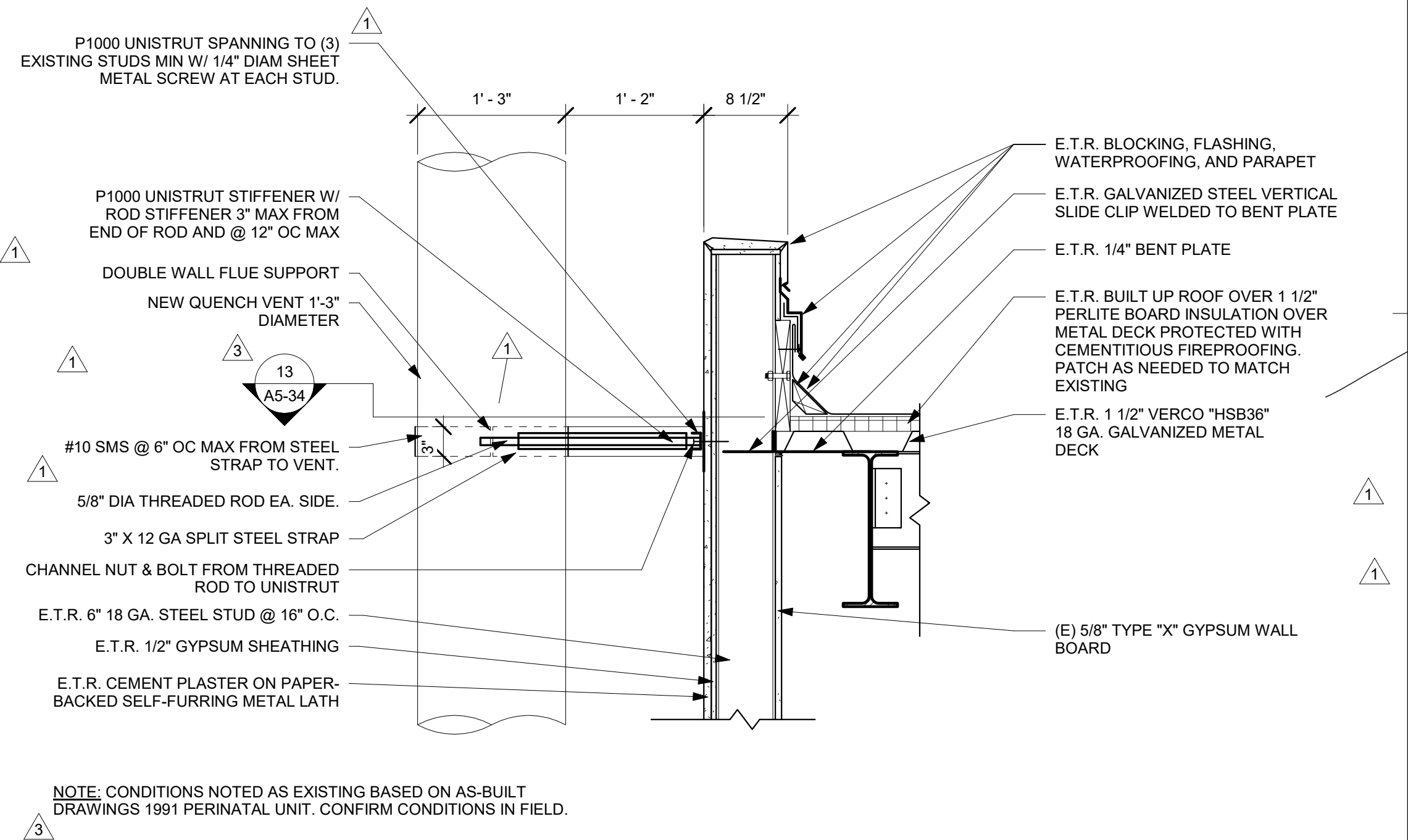
10 QUENCH VENT ROOF PENETRATION SECTION
1" = 1'-0"



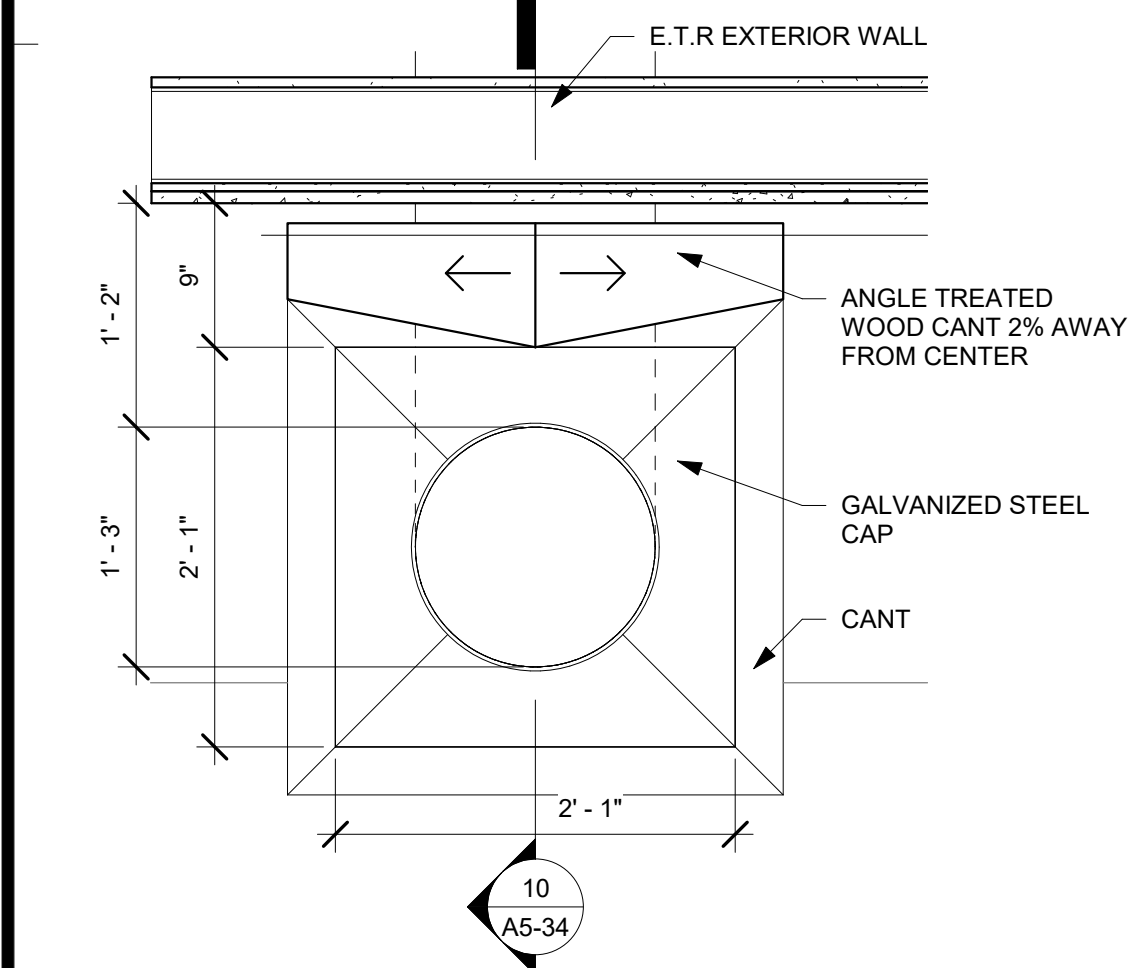
7 METAL PLUMBING BOX SECTION
1" = 1'-0"



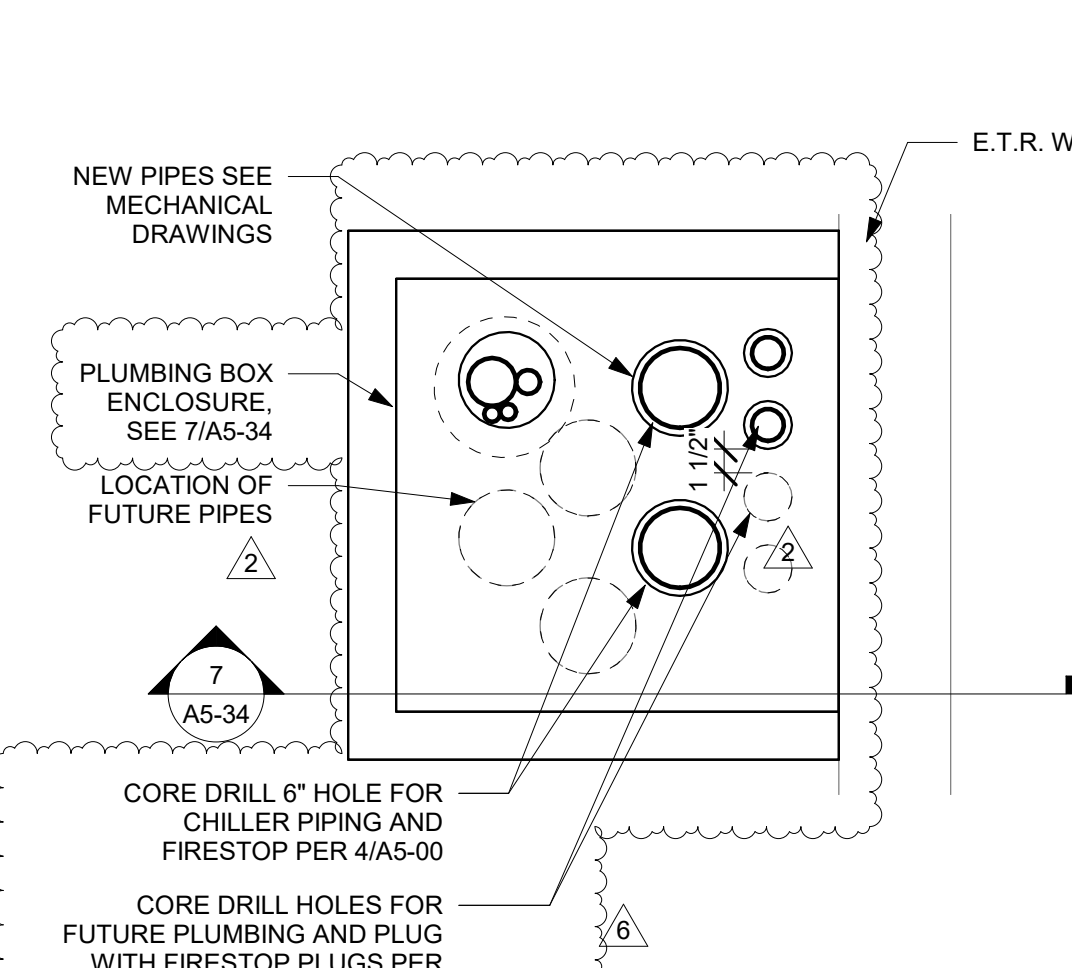
4 SECTION GE CHILLER
1" = 1'-0"



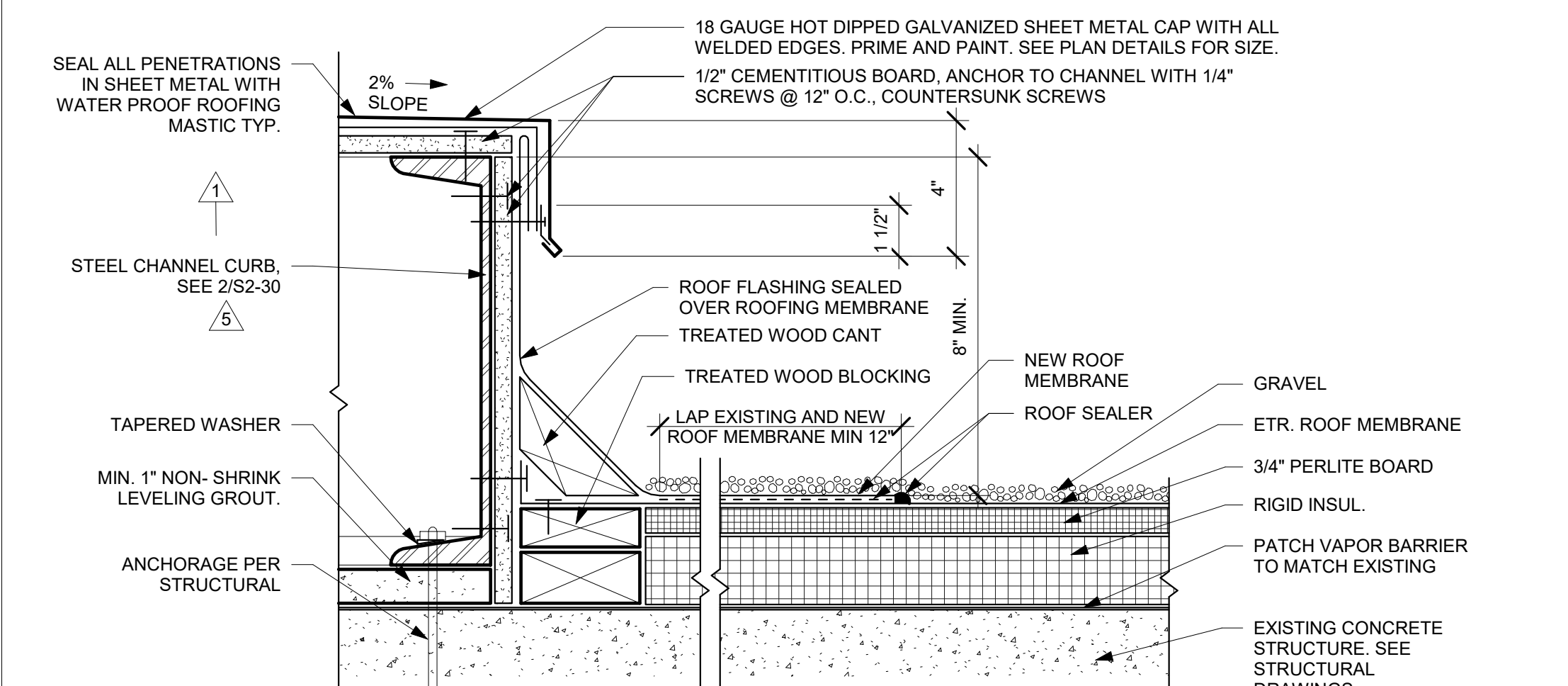
2 QUENCH VENT (E) WALL ANCHORAGE SECTION
1" = 1'-0"



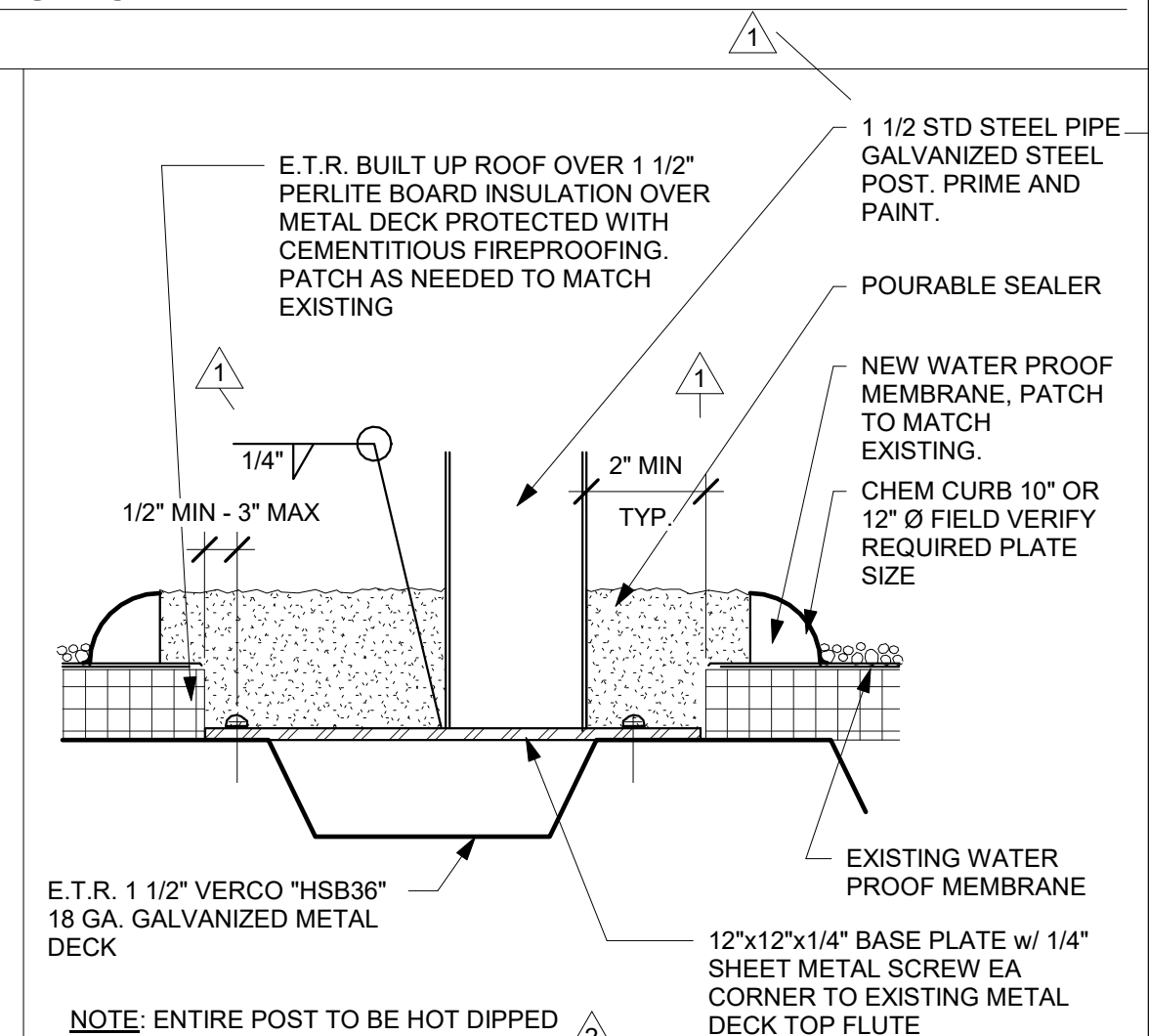
9 QUENCH VENT ROOF PENETRATION PLAN DETAIL
1" = 1'-0"



6 METAL PLUMBING BOX PLAN
1" = 1'-0"



1 TYPICAL ROOF CURB
3" = 1'-0"



12 CHEM CURB
3" = 1'-0"

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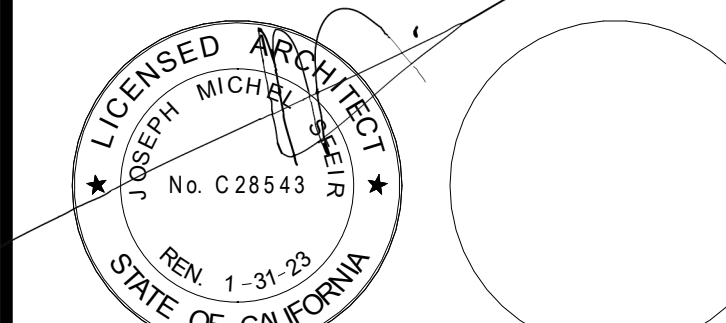
STRUCTURAL: MIYAMOTO INTERNATIONAL, INC.
5550 BALTIMORE DRIVE, SUITE 100
LA MESA, CA 91942
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NO.	DESCRIPTION	DATE
1	OSHPD COMMENTS	8/3/2020
2	DESIGN CHANGES	8/10/2020
3	OSHPD COMMENTS	10/2/2020
4	OSHPD COMMENTS	11/24/2020
5	DESIGN CHANGES	11/24/2020
6	ACD 0001 DESIGN CHANGES	4/14/2021

REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

SHEET TITLE:
PLAN DETAILS

PROJECT TITLE:
TCMC MRI

PROJECT #:
01907.01

DRAWN BY:
Author

CHECKED BY:
Checker

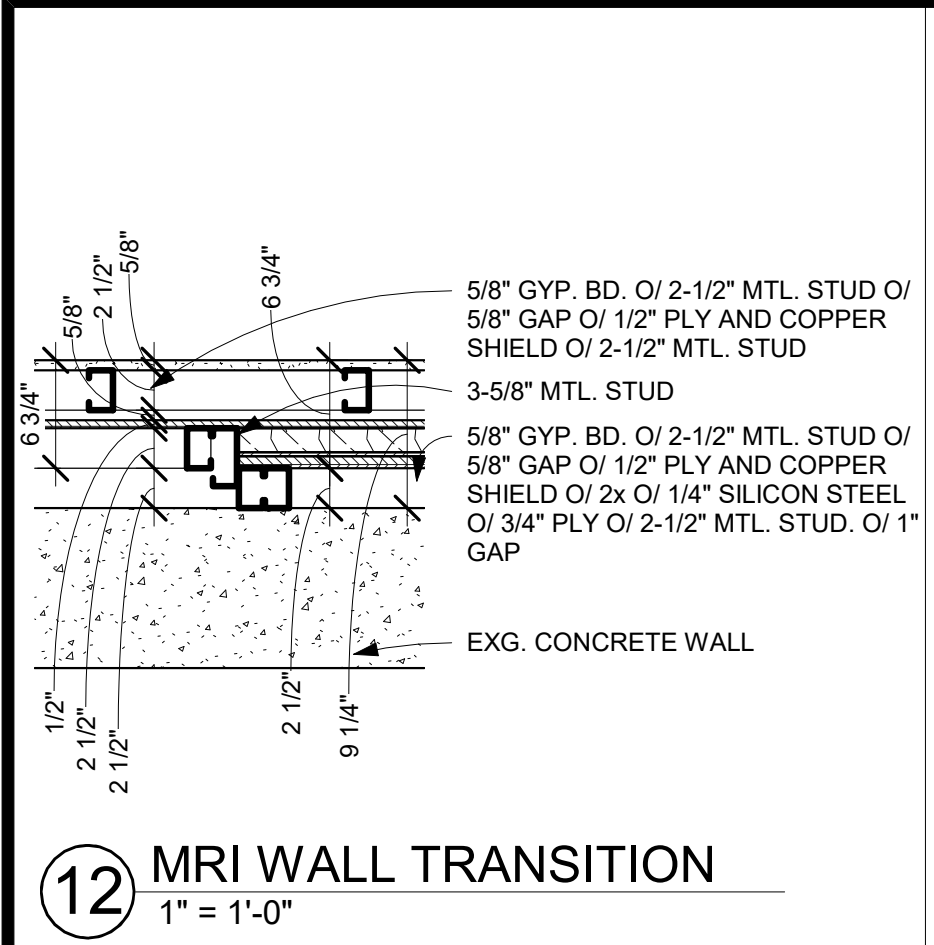
SCALE:
PER TITLE

DATE:
3/11/2020

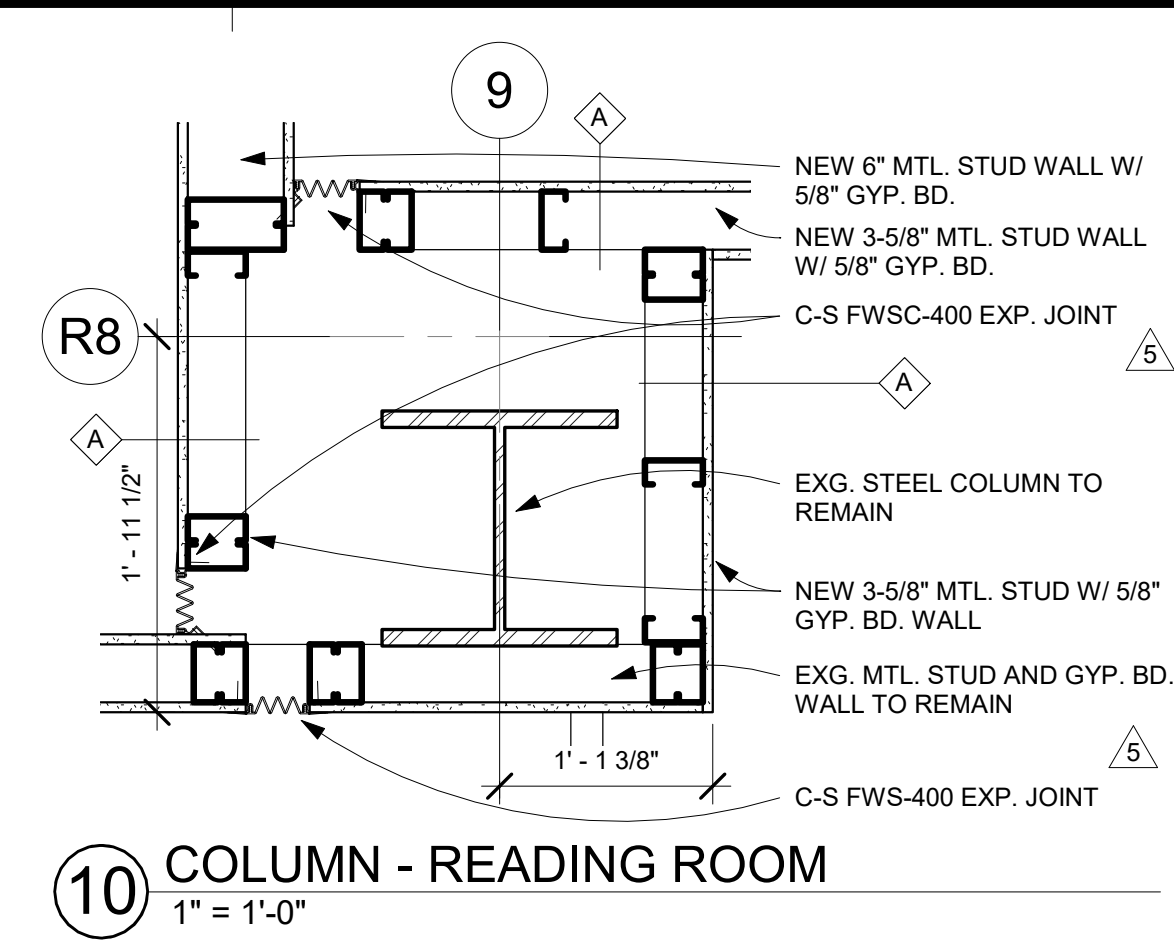
SHEET NUMBER:
A5-50

GENERAL NOTES:

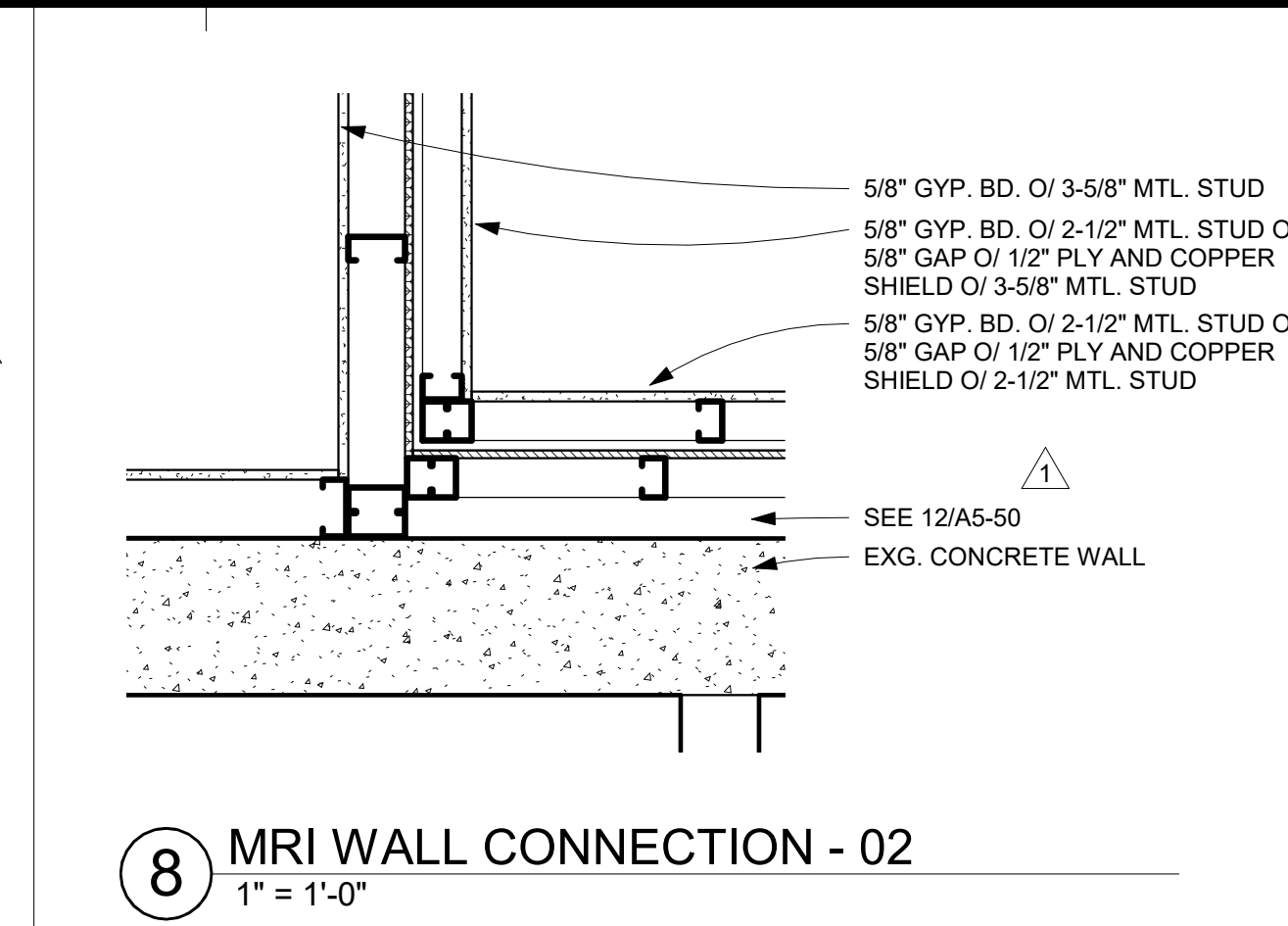
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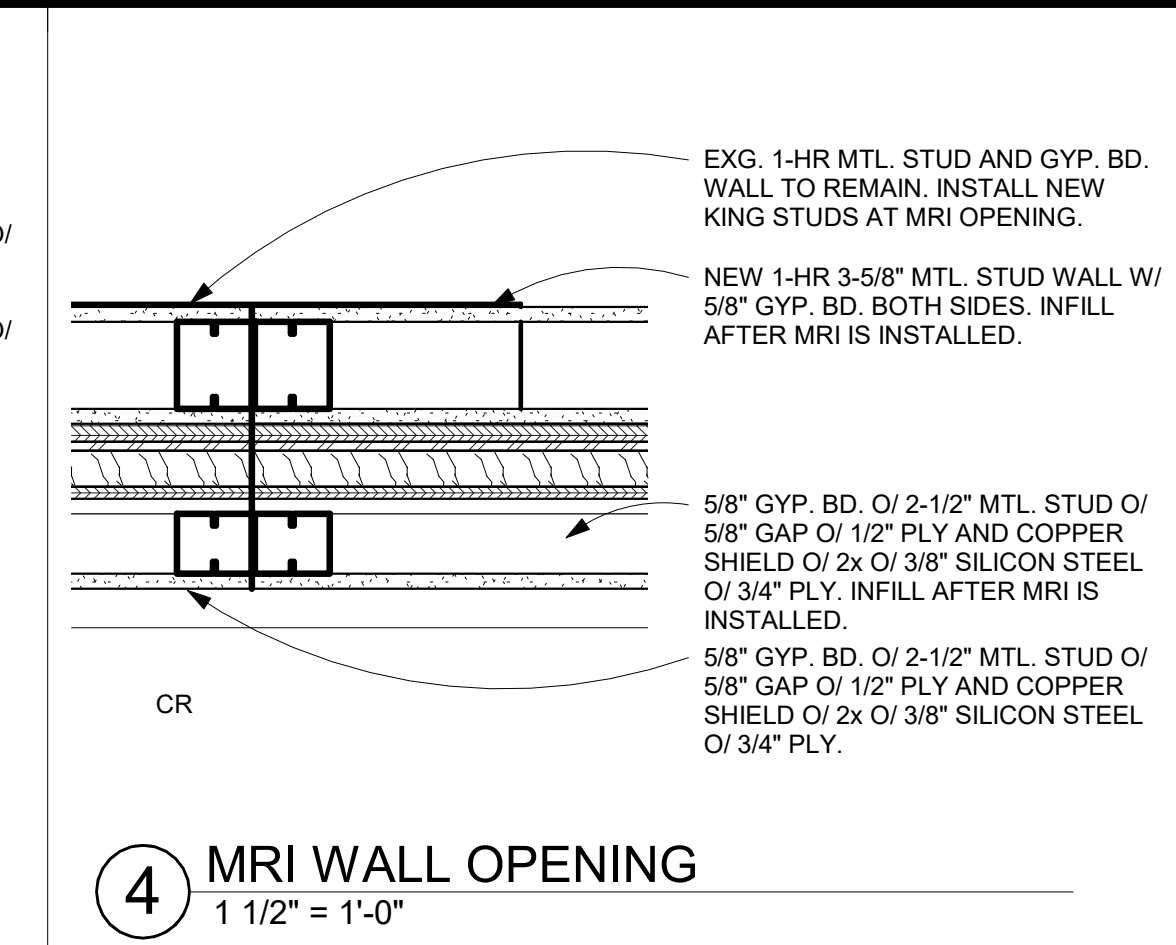
12 MRI WALL TRANSITION
1" = 1'-0"



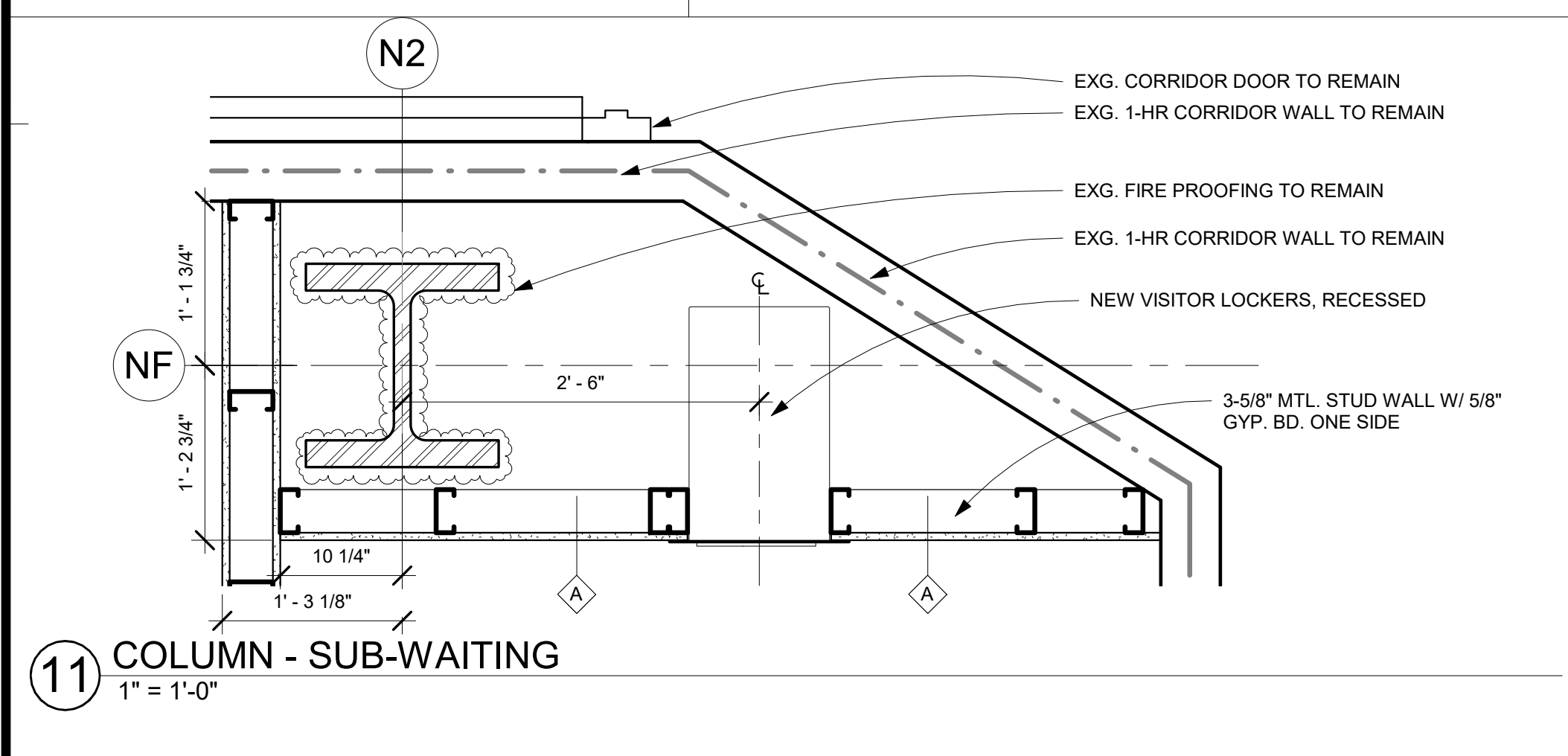
10 COLUMN - READING ROOM
1" = 1'-0"



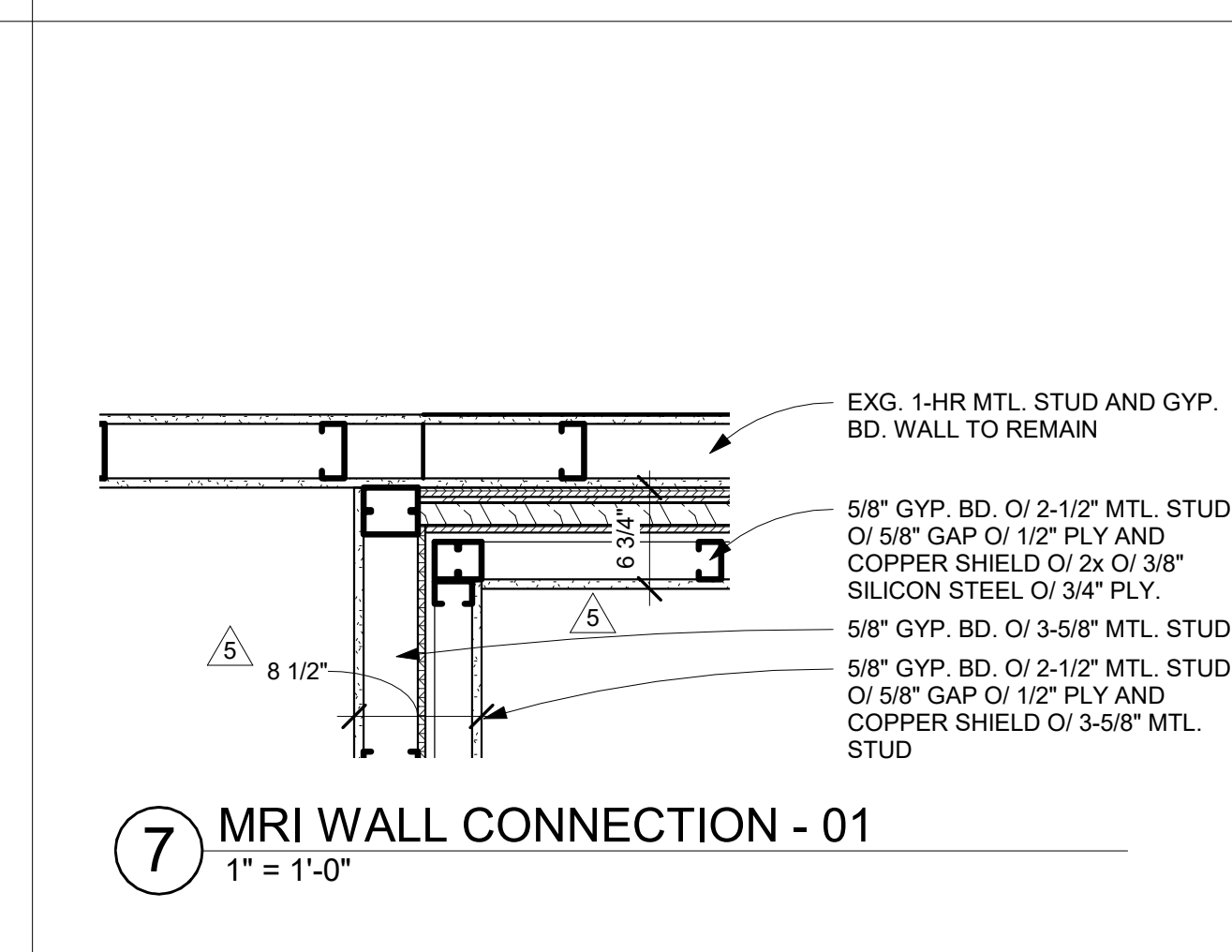
8 MRI WALL CONNECTION - 02
1" = 1'-0"



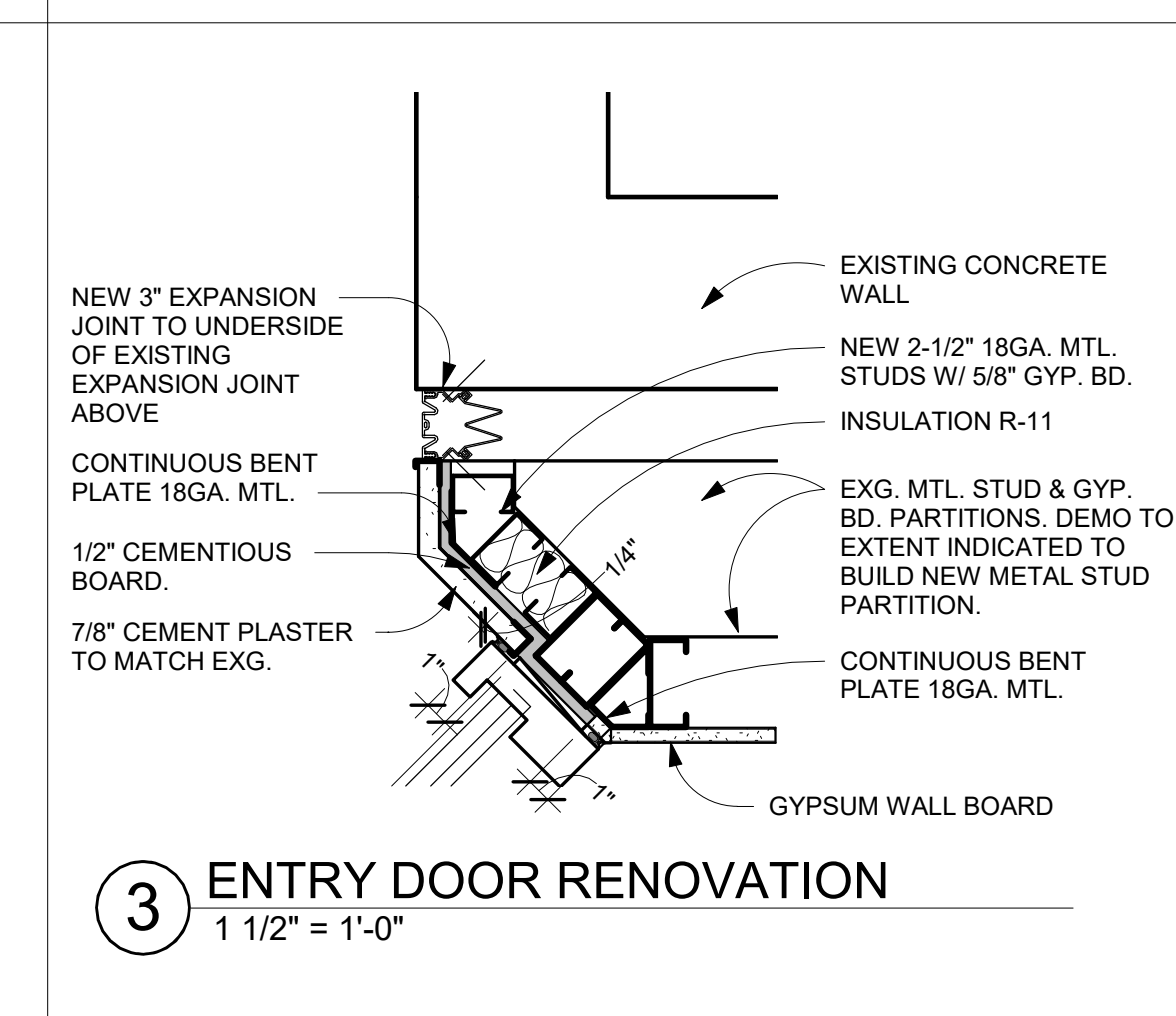
4 MRI WALL OPENING
1 1/2" = 1'-0"



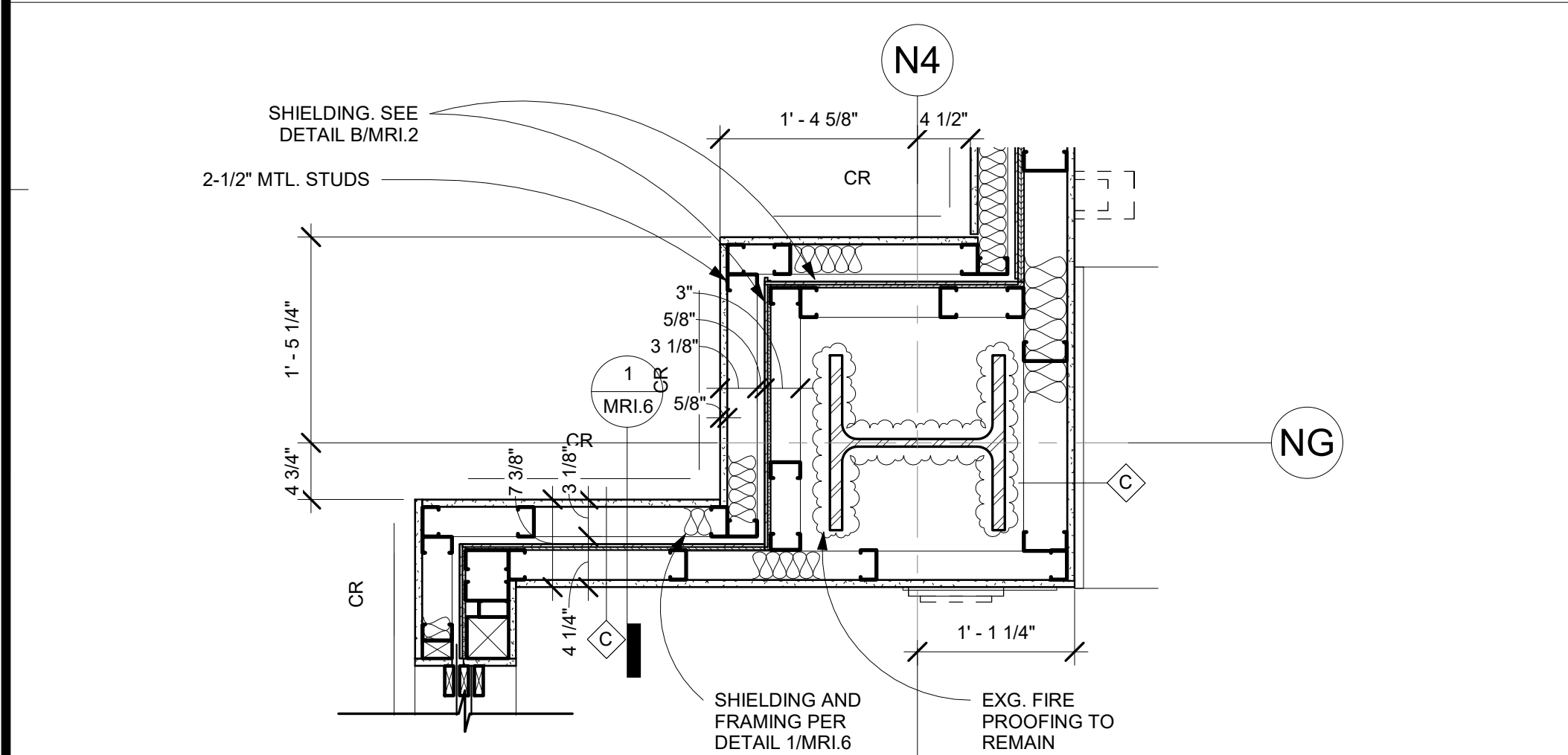
11 COLUMN - SUB-WAITING
1" = 1'-0"



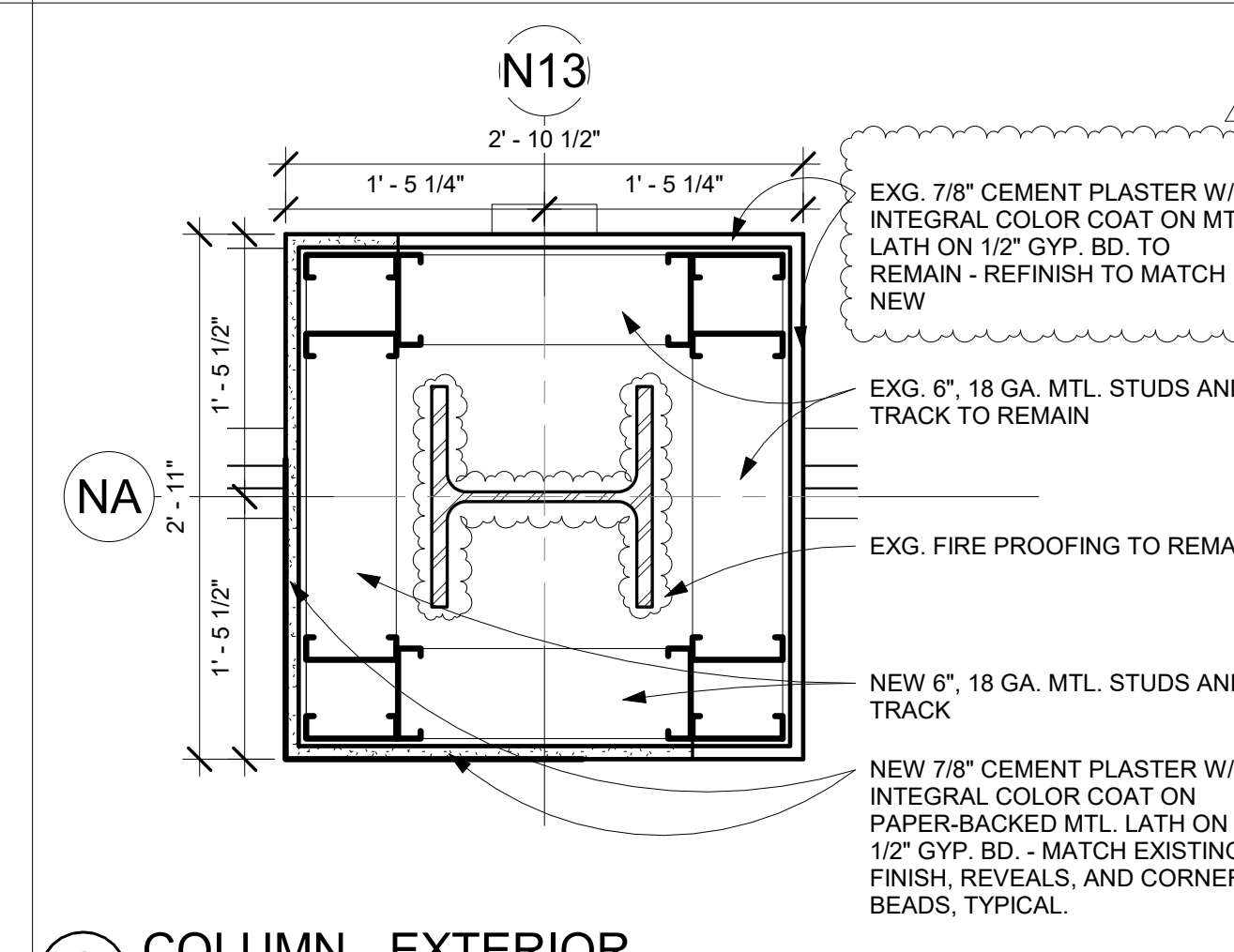
7 MRI WALL CONNECTION - 01
1" = 1'-0"



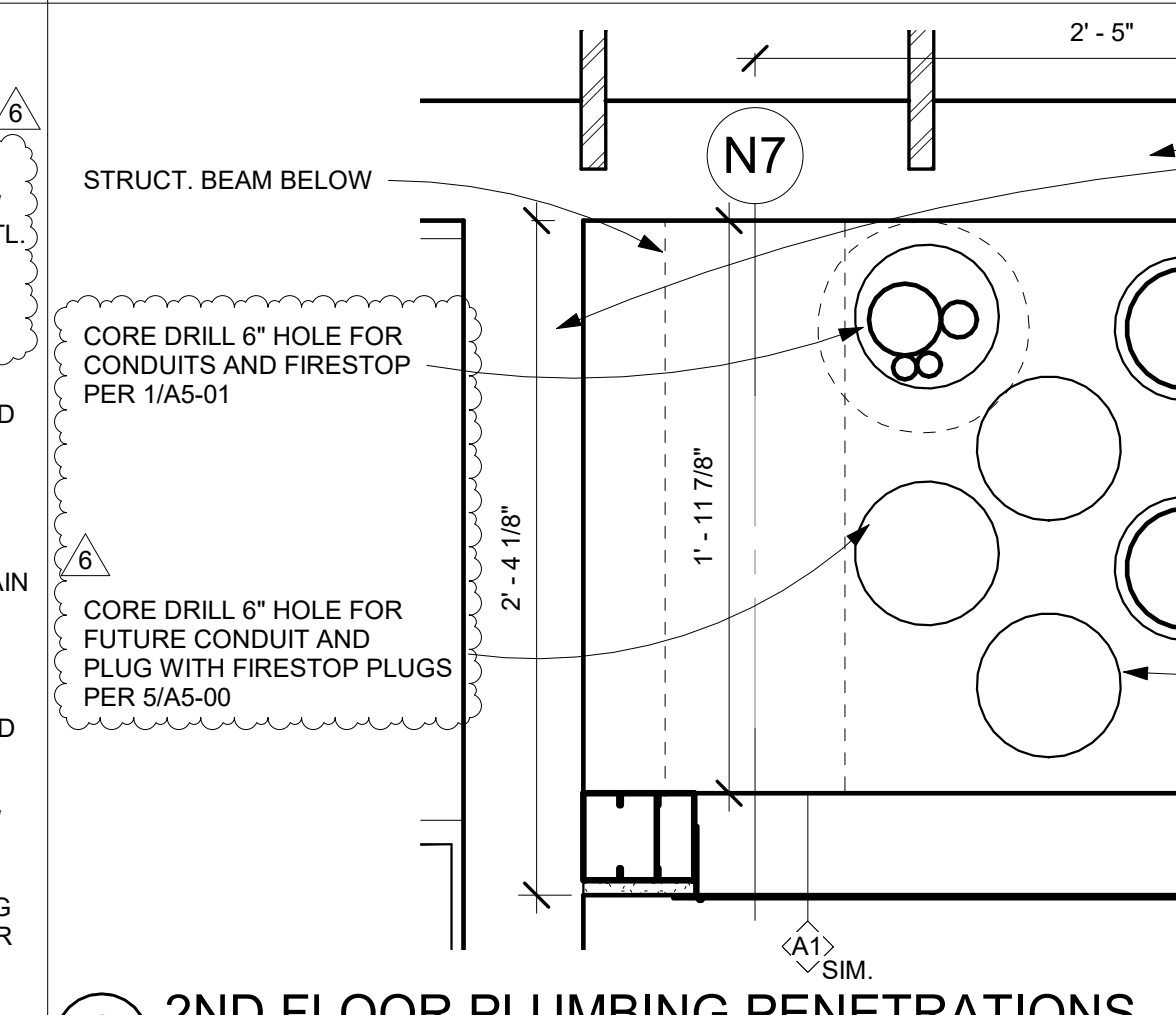
3 ENTRY DOOR RENOVATION
1 1/2" = 1'-0"



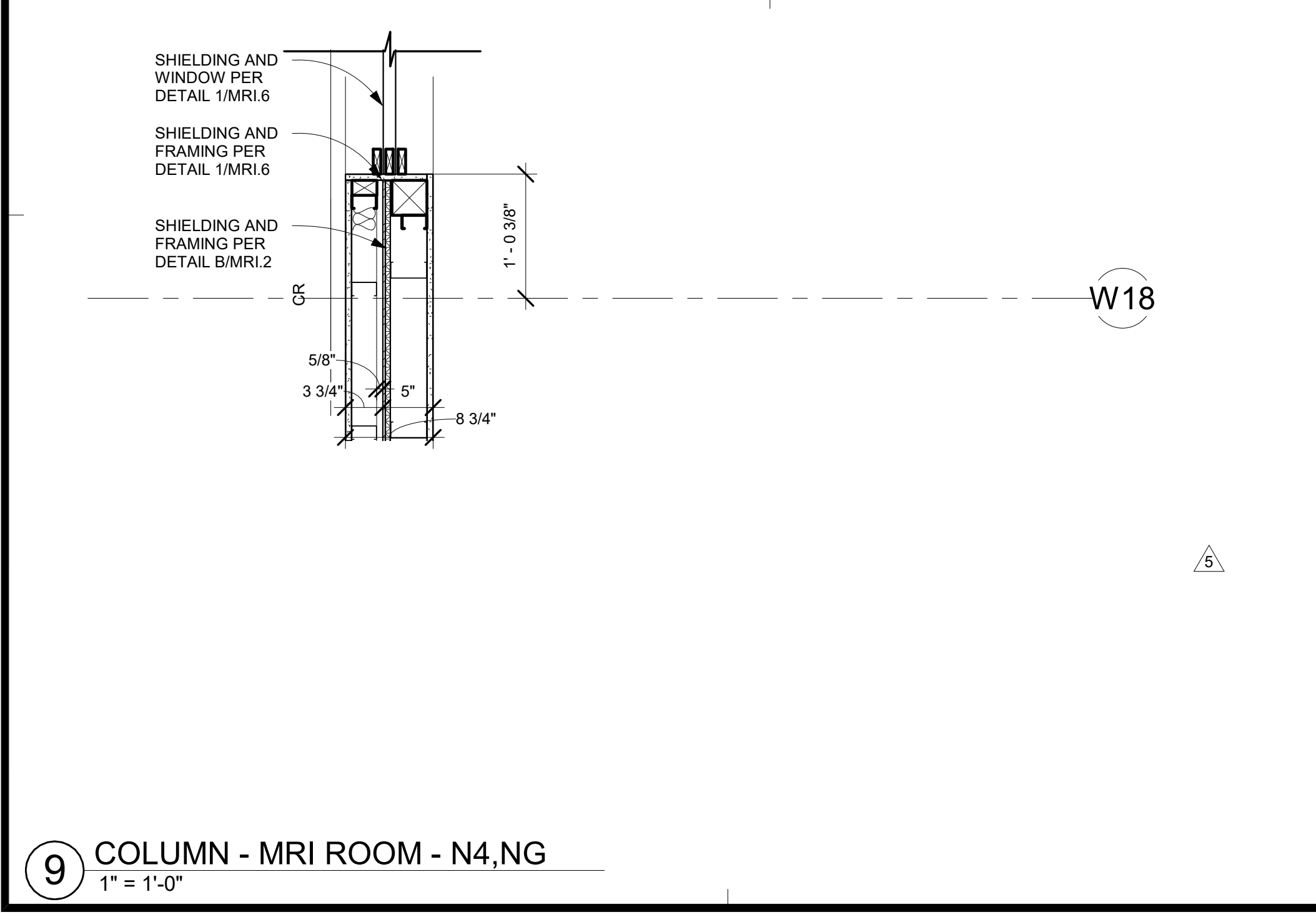
9 COLUMN - MRI ROOM - N4, NG
1" = 1'-0"



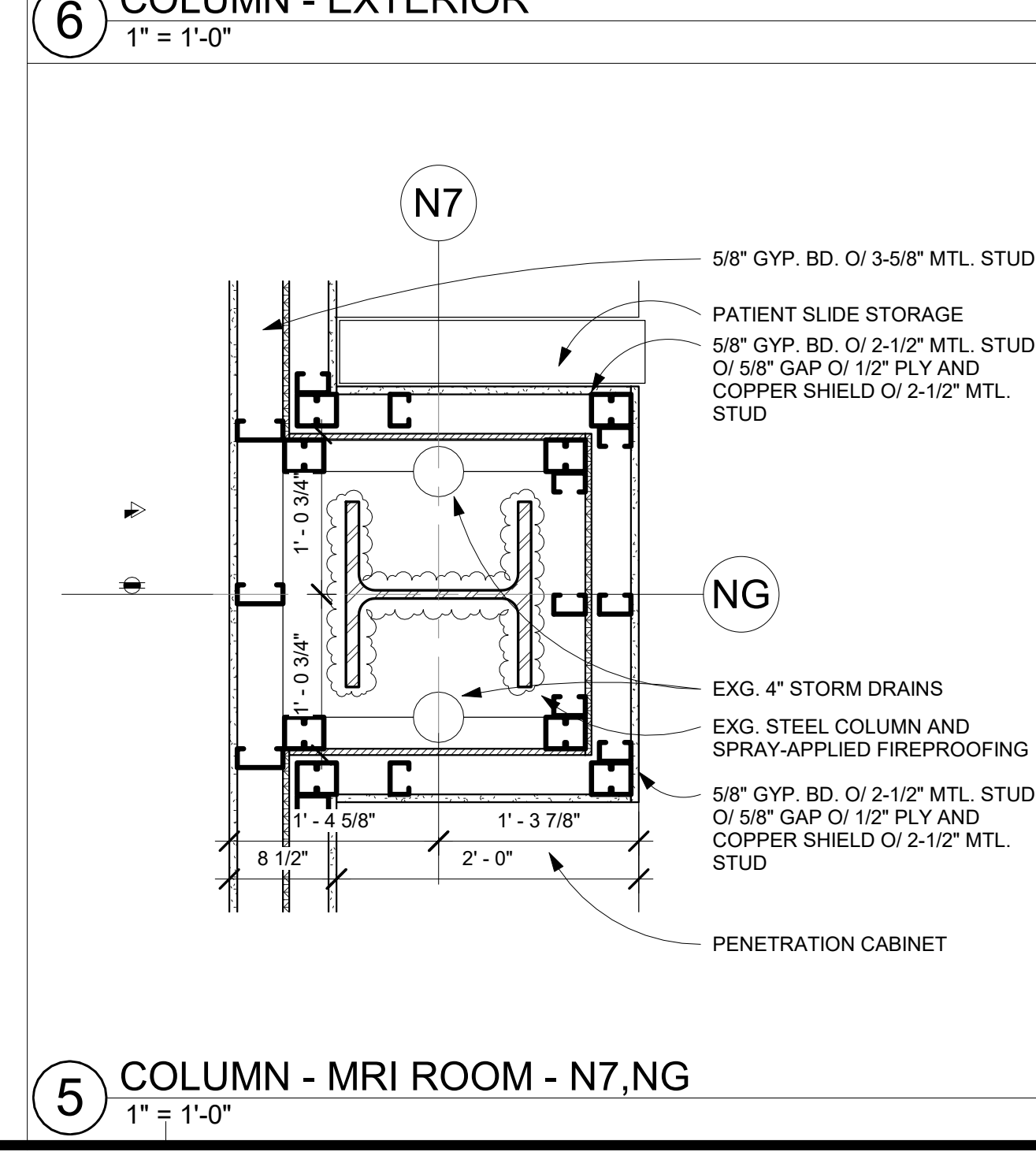
6 COLUMN - EXTERIOR
1" = 1'-0"



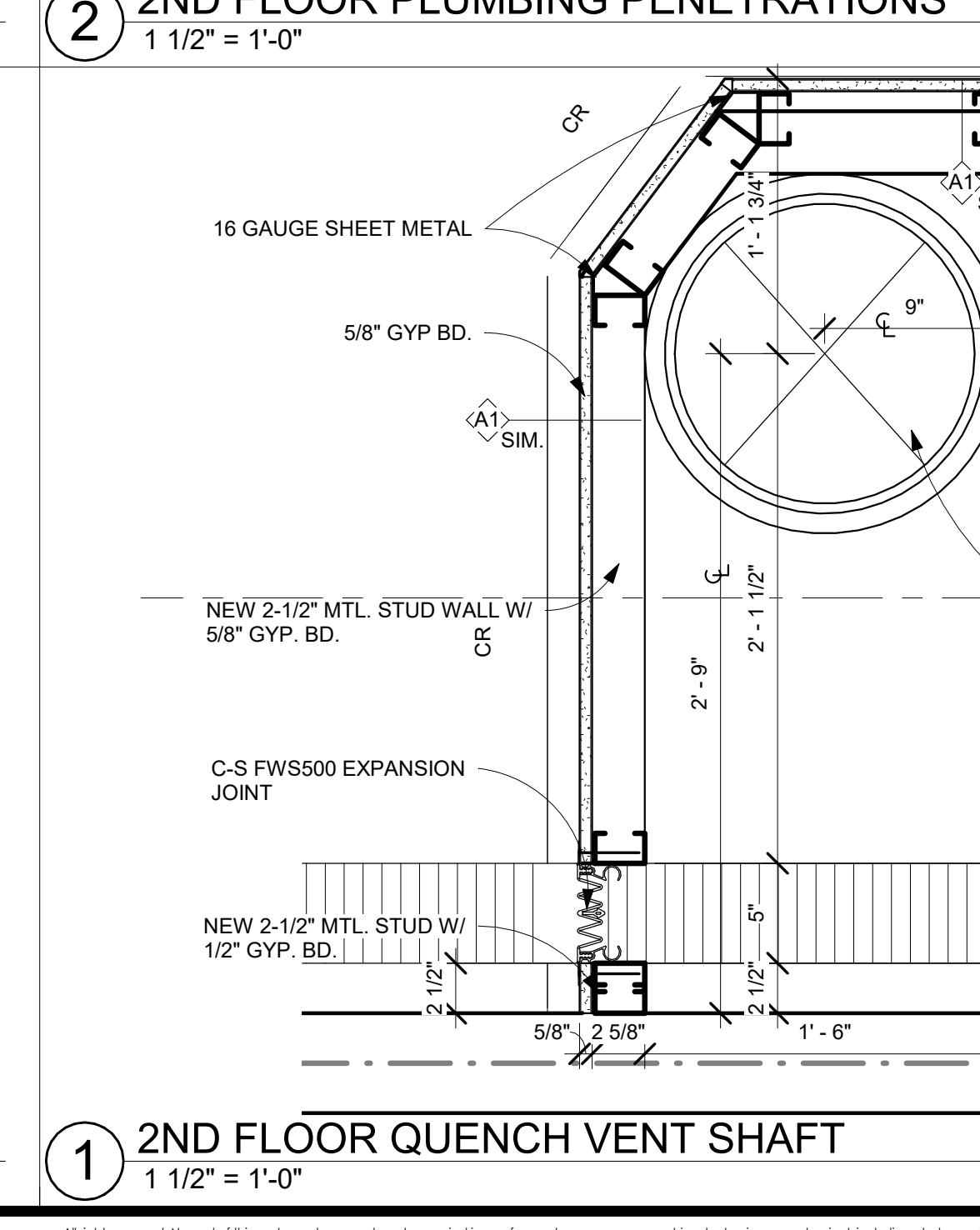
2 2ND FLOOR PLUMBING PENETRATIONS
1 1/2" = 1'-0"



9 COLUMN - MRI ROOM - N4, NG
1" = 1'-0"



5 COLUMN - MRI ROOM - N7, NG
1" = 1'-0"



1 2ND FLOOR QUENCH VENT SHAFT
1 1/2" = 1'-0"

TCMC MRI

Tri-City Medical
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SAN DIEGO, CALIFORNIA 92122
TEL(619)299-3917

STRUCTURAL: MIYAMOTO INTERNATIONAL, INC.
5550 BALTIMORE DRIVE, SUITE 100
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TEL(858)457-3001

MECHANICAL & PLUMBING: SC ENGINEERS, INC.
17075 VIA DEL CAMPO
SAN DIEGO, CALIFORNIA 92127
TEL(658)948-0333

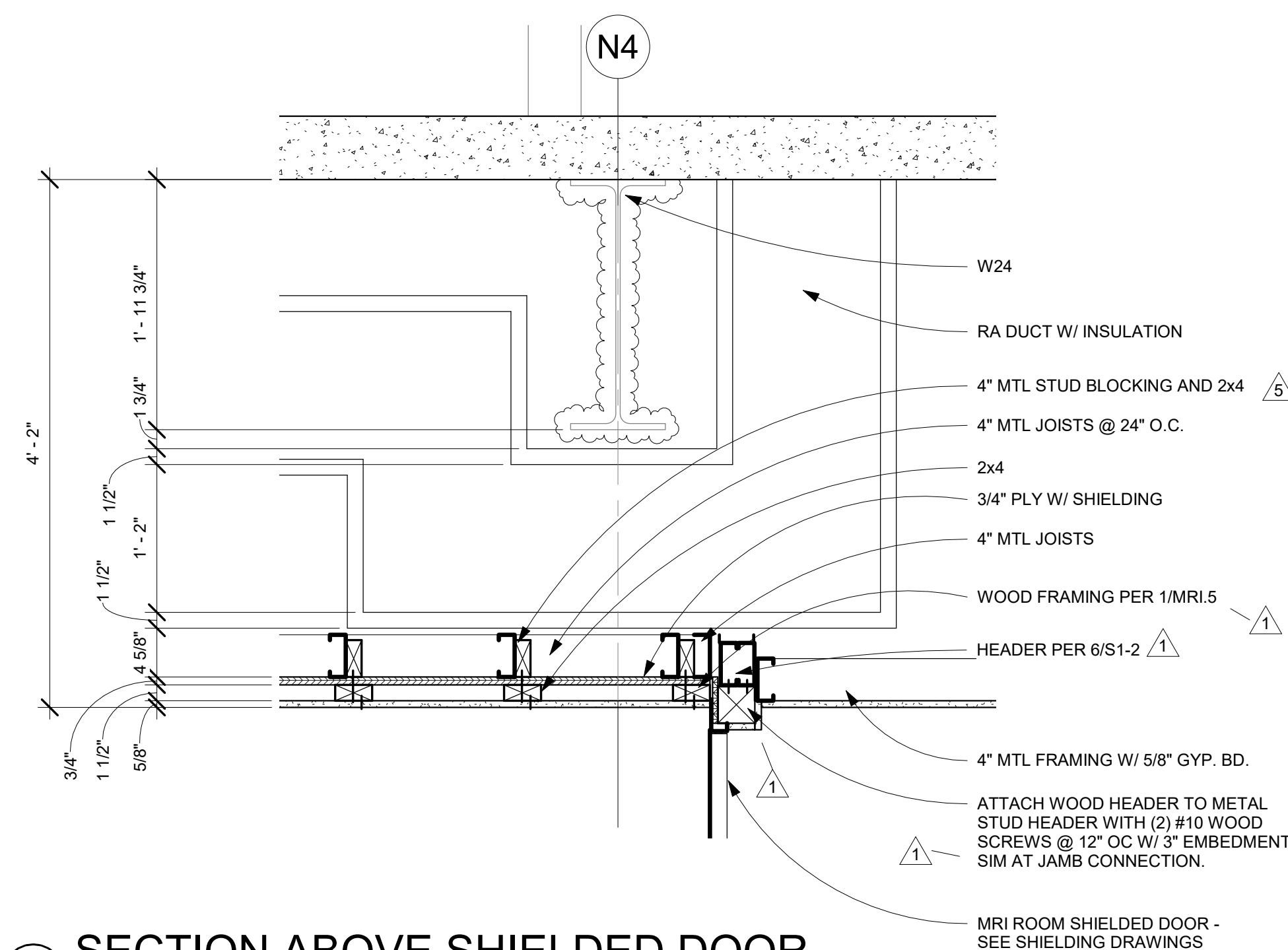
ELECTRICAL: AG DESIGN, INC.
171 S. ANITA DR. SUITE 111
ORANGE, CALIFORNIA 92668
TEL(714)759-9900 EXT. 201

SHIELDING: MRI SHIELDING CORPORATION
3554 BUSINESS PARK DR., SUITE B
COSTA MESA, CA 92626
TEL(714)545-7700

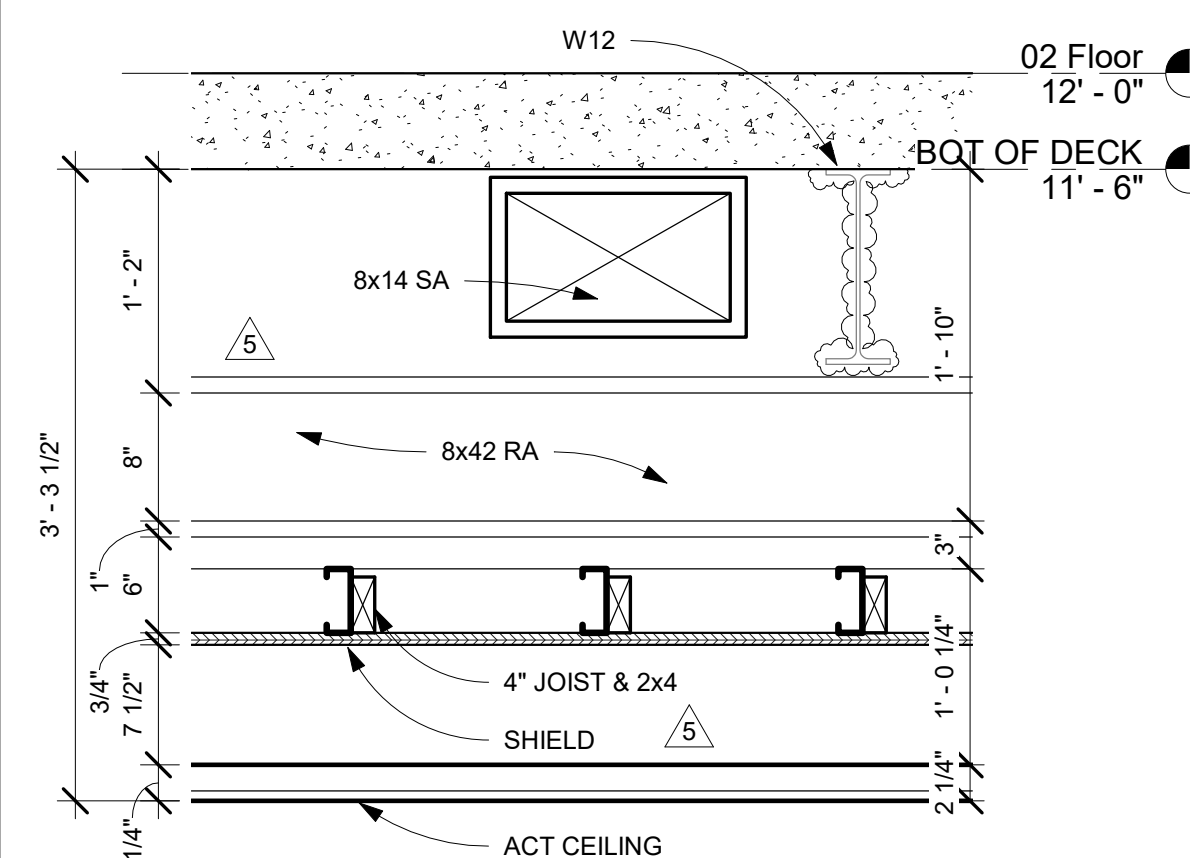
INTERIORS: ISLEY DESIGN & PLANNING
1982 PALSERO AVENUE
ESCONDIDO, CA 92029
TEL(760)484-0455

GENERAL NOTES:

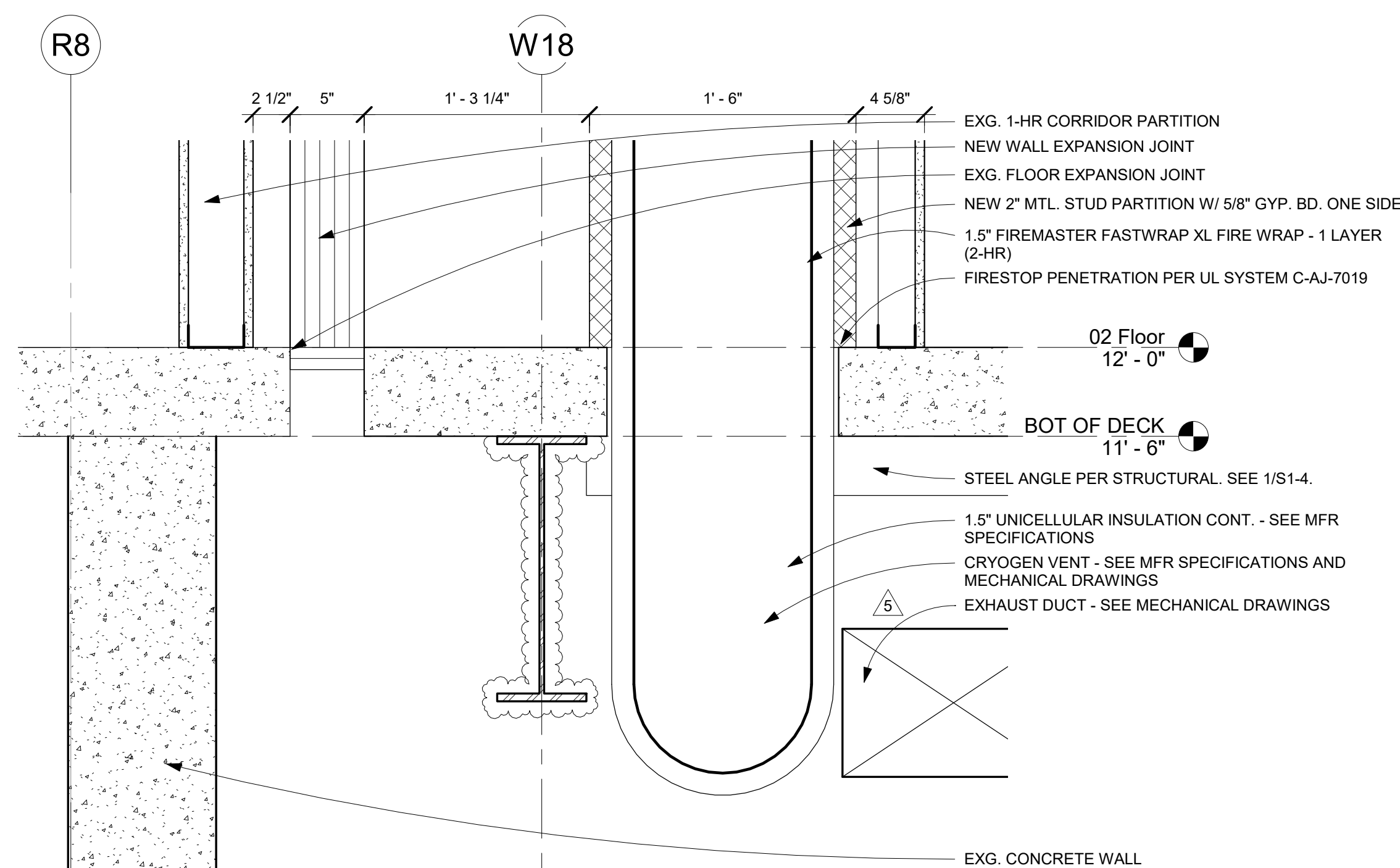
1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
2. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.



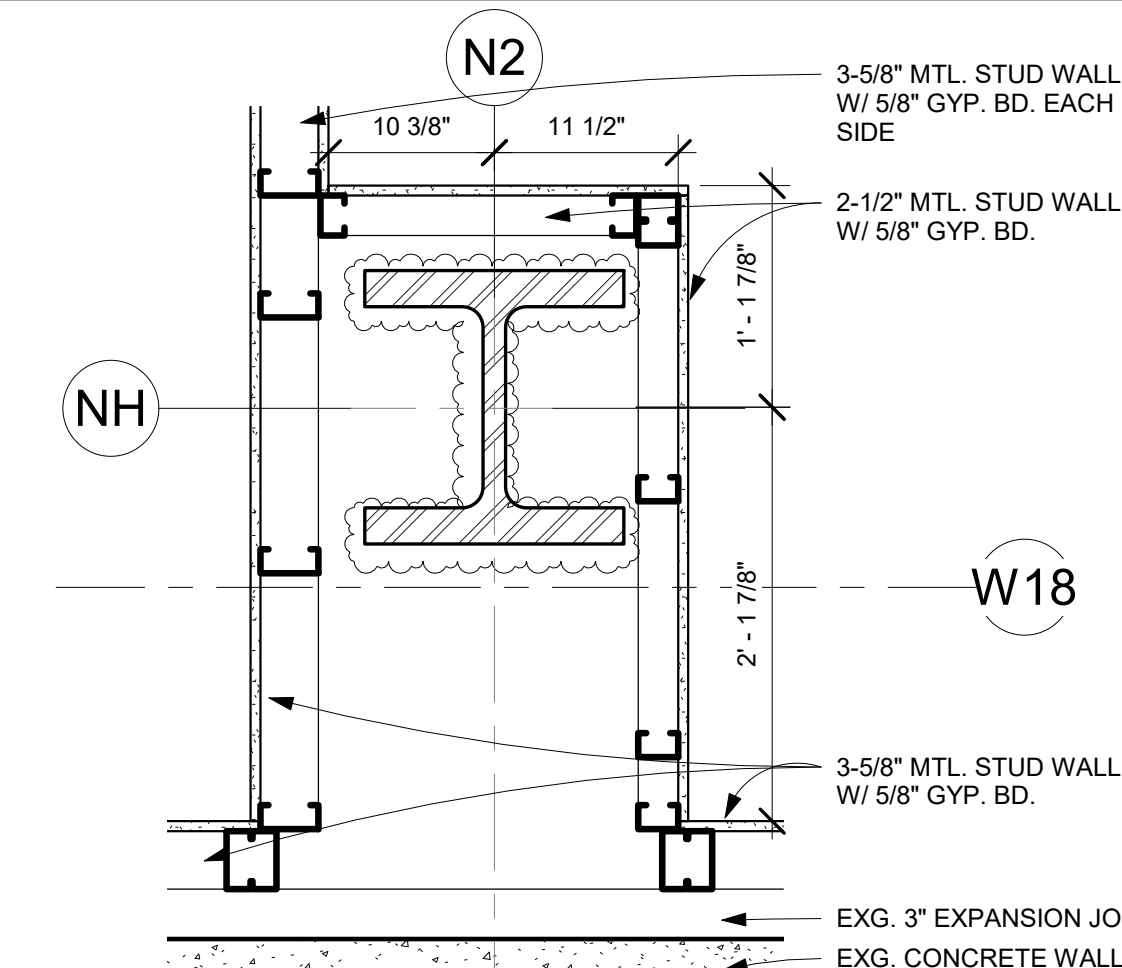
6 SECTION ABOVE SHIELDED DOOR
1" = 1'-0"



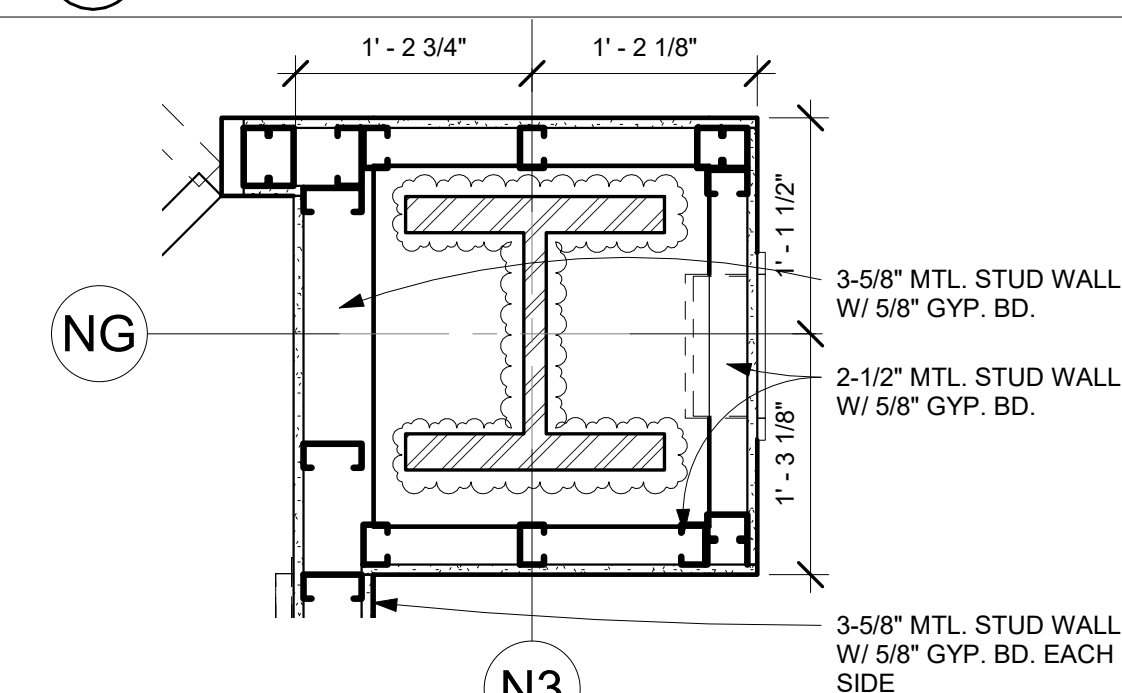
3 MRI HVAC
1" = 1'-0"



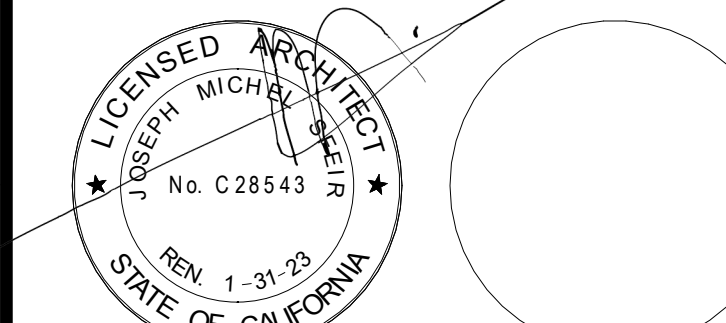
5 QUENCH VENT 2ND FLR PENETRATION 2
1 1/2" = 1'-0"



2 COLUMN - SUB WAIT RM
1" = 1'-0"



1 COLUMN - PATIENT RESTROOM
1" = 1'-0"



REV	DESCRIPTION	DATE
1	OSHPD COMMENTS	8/3/2020
2	DESIGN CHANGES	8/10/2020
3	OSHPD COMMENTS	10/2/2020
4	OSHPD COMMENTS	11/24/2020
5	DESIGN CHANGES	11/24/2020
6	ACD 0001 DESIGN CHANGES	4/14/2021

REV	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

PLAN AND SECTION DETAILS

PROJECT TITLE:

TCMC MRI

PROJECT #:

01907.01

DRAWN BY:

Author

CHECKED BY:

Checker

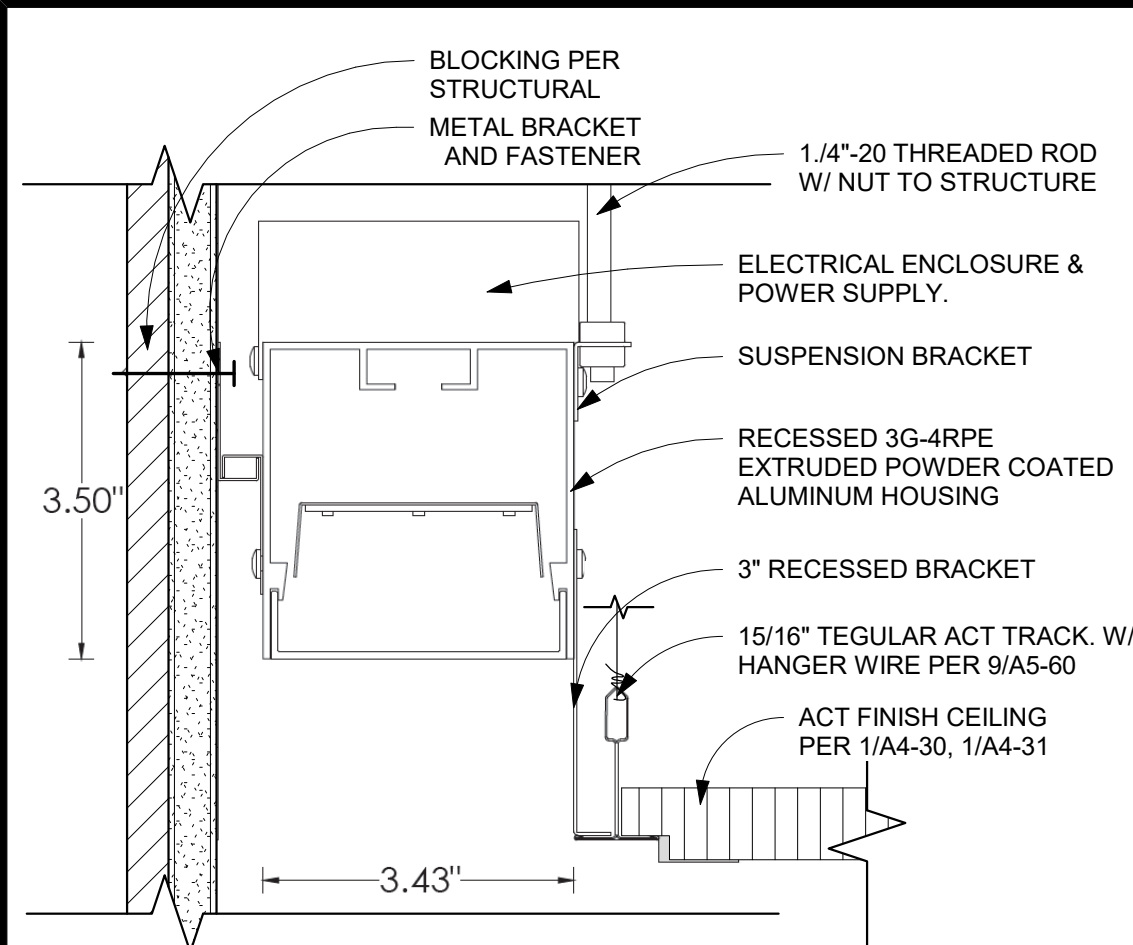
SCALE:

PER TITLE

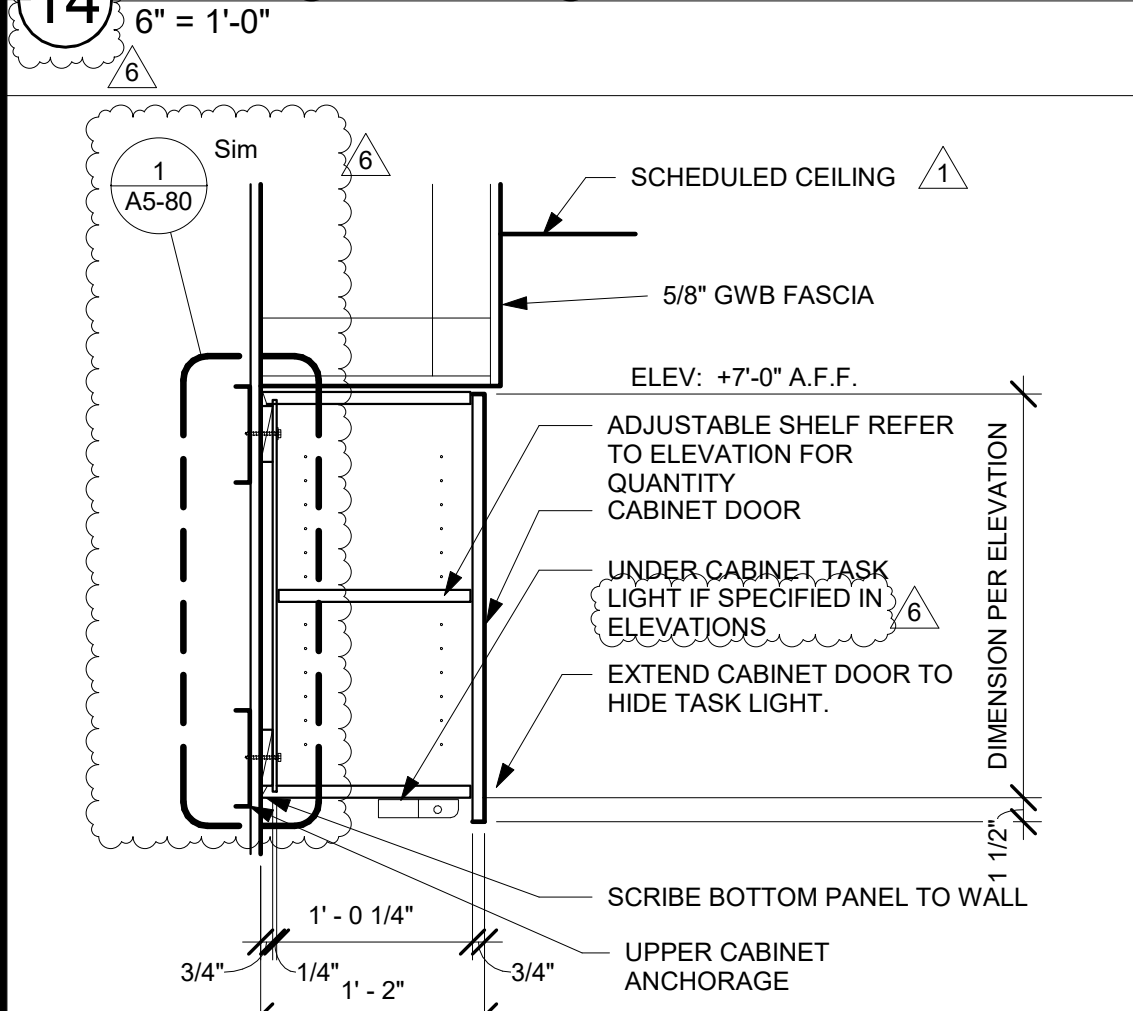
DATE:

3/11/2020

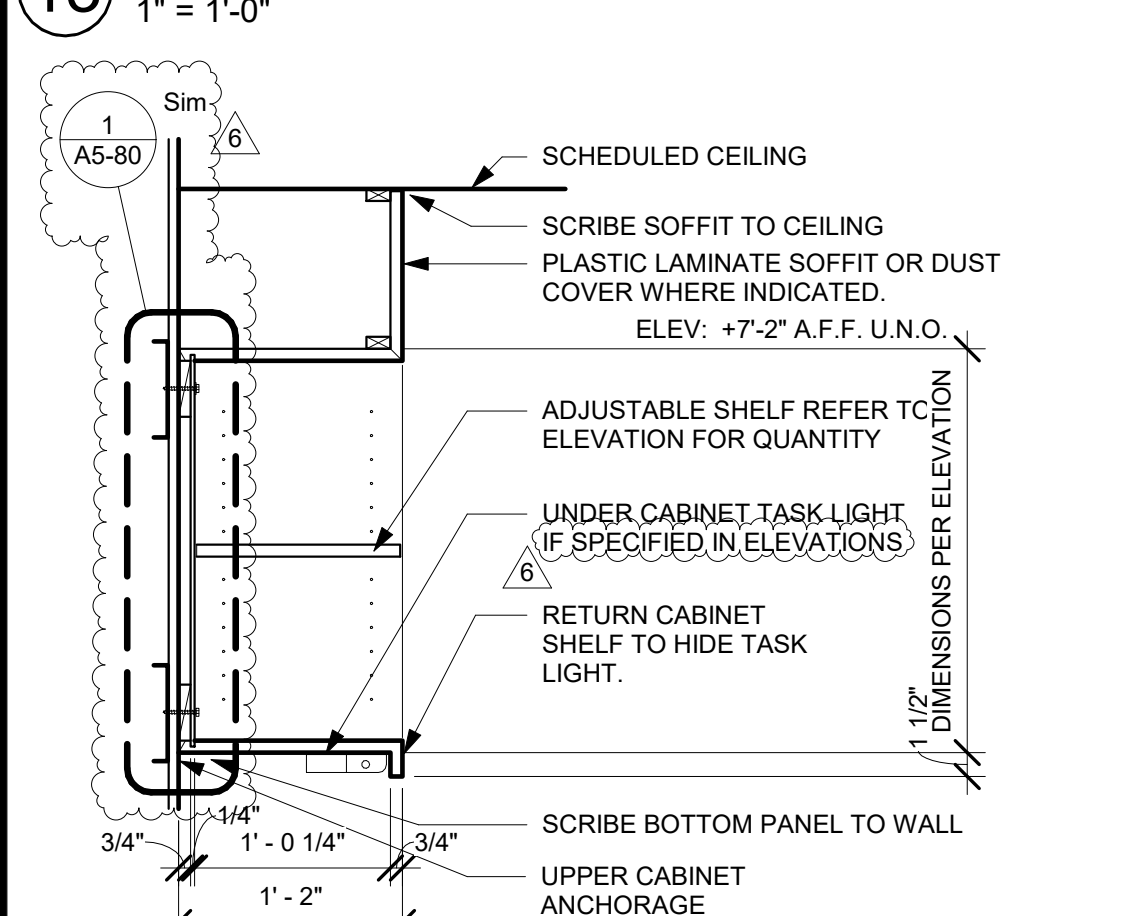
A5-51



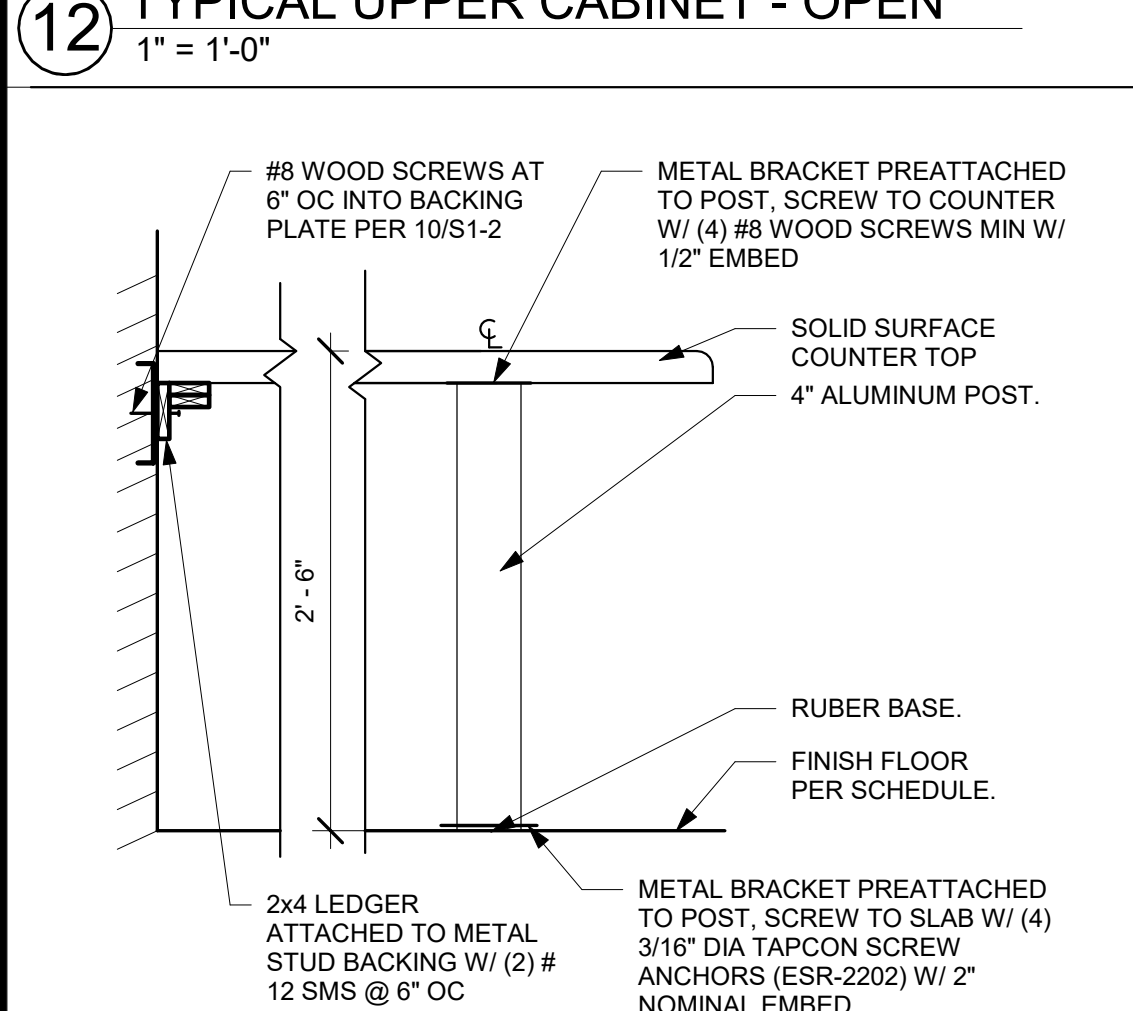
14 Ceiling Cove light
1" = 1'-0"



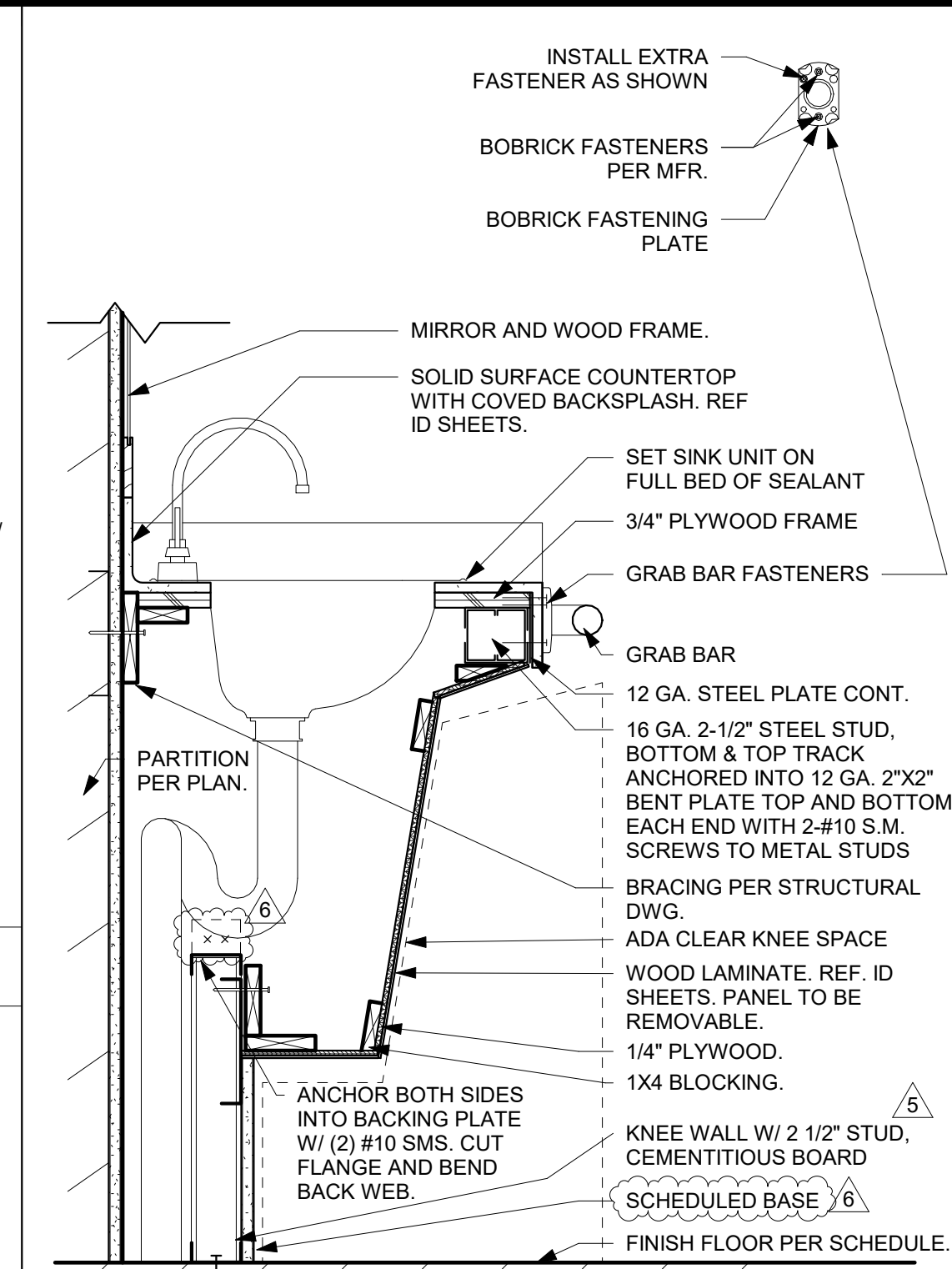
13 TYPICAL UPPER CABINET - CLOSED
1" = 1'-0"



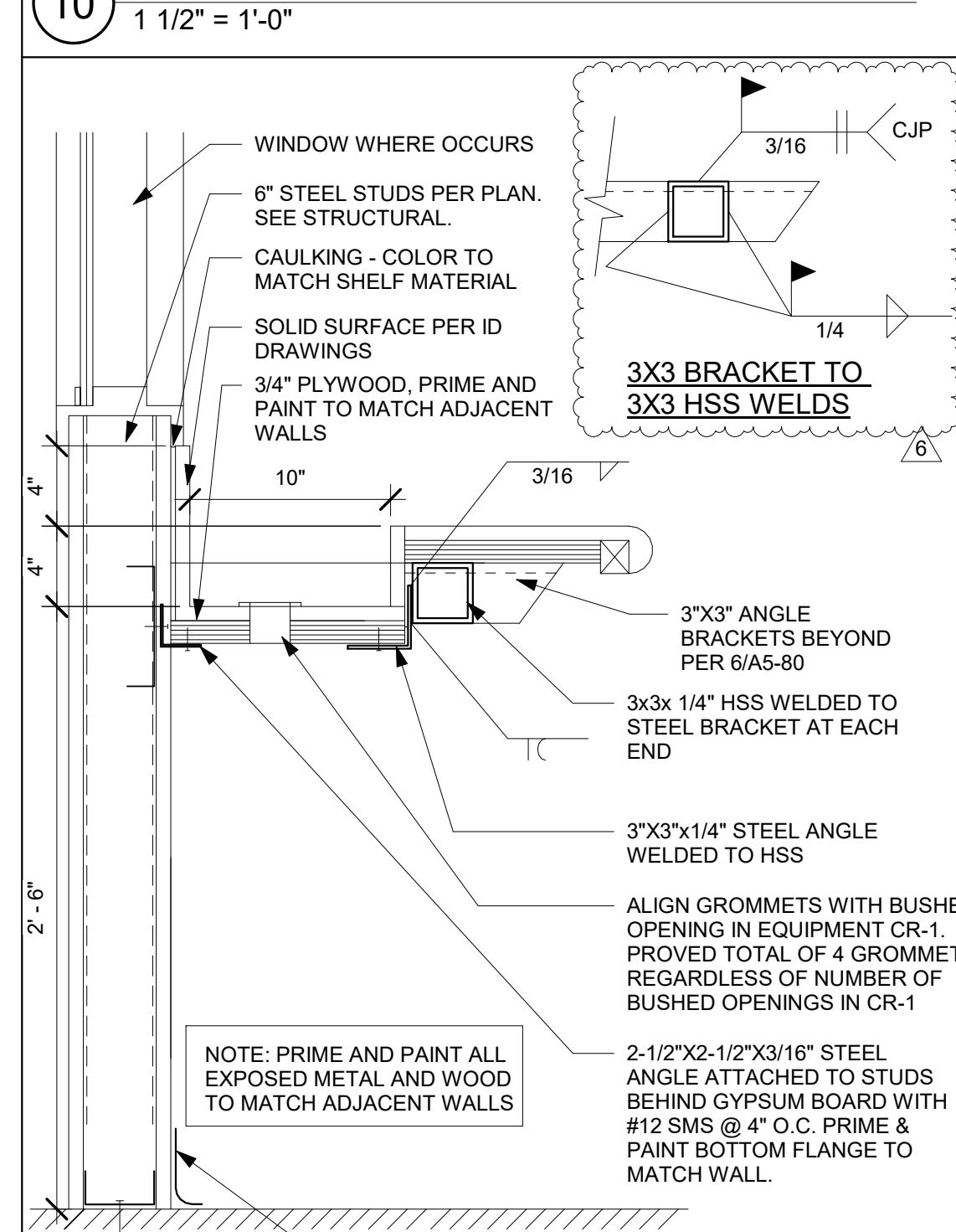
12 TYPICAL UPPER CABINET - OPEN
1" = 1'-0"



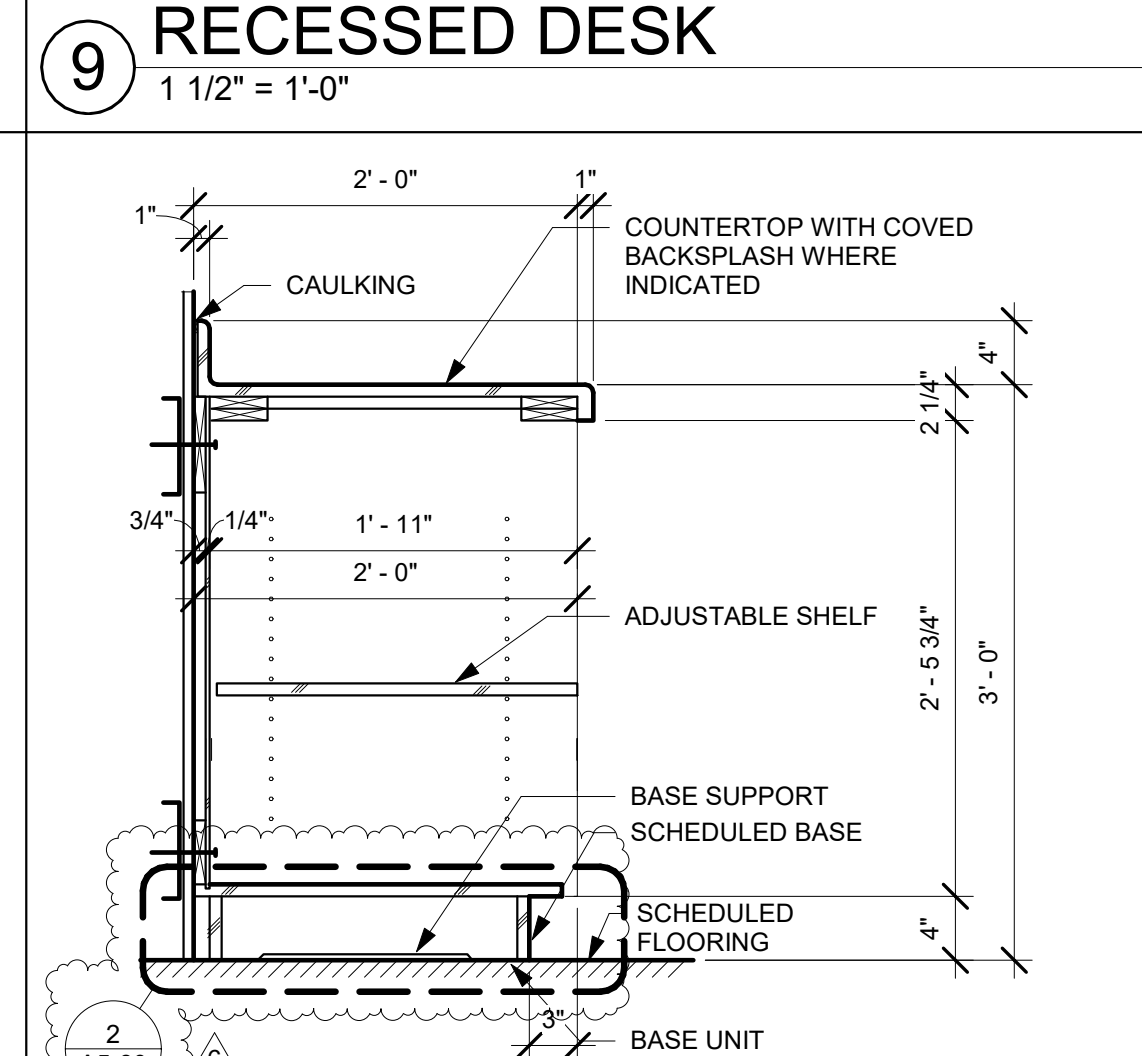
11 WORK TABLE
1" = 1'-0"



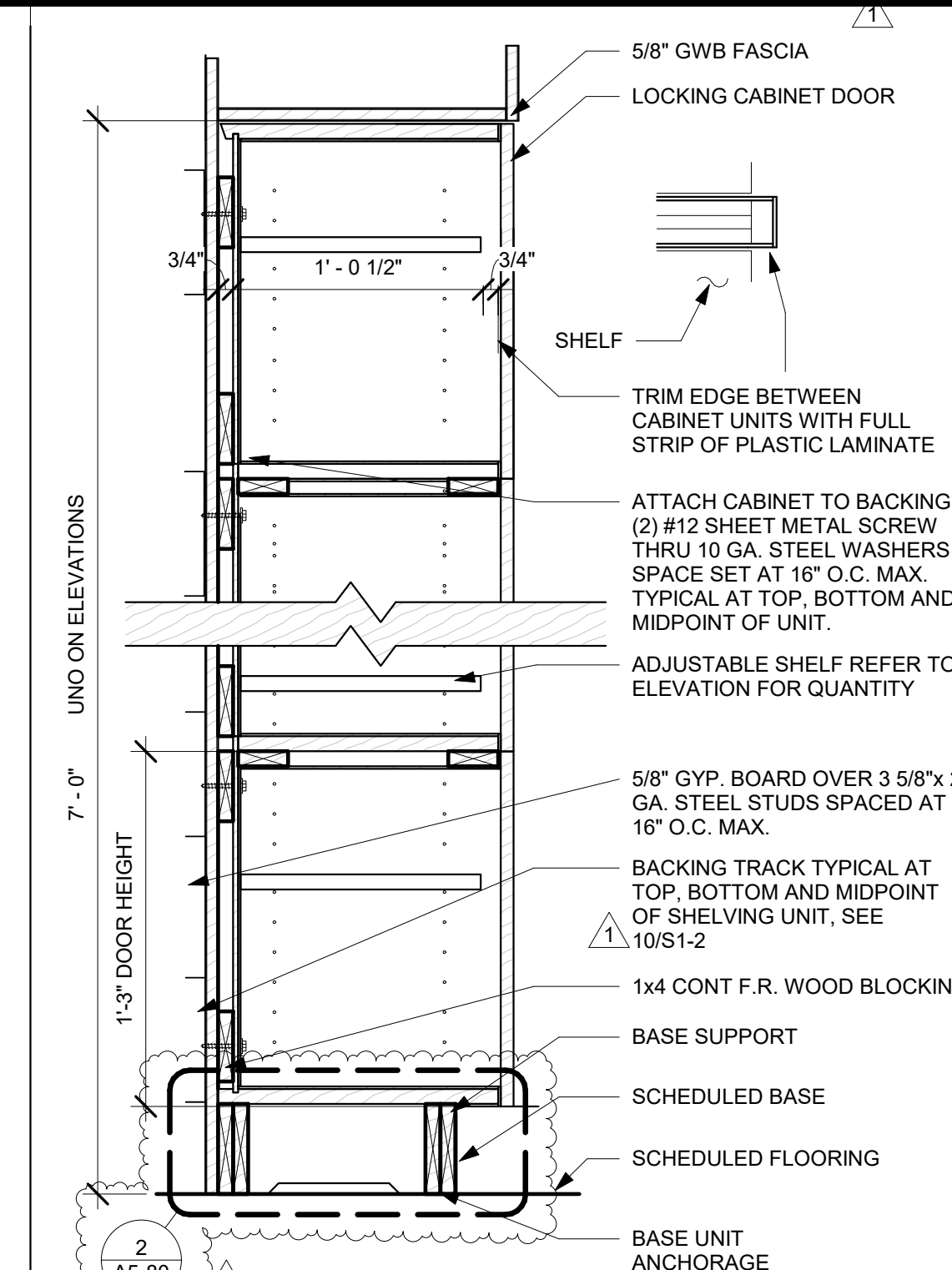
10 SINK COUNTER
1 1/2" = 1'-0"



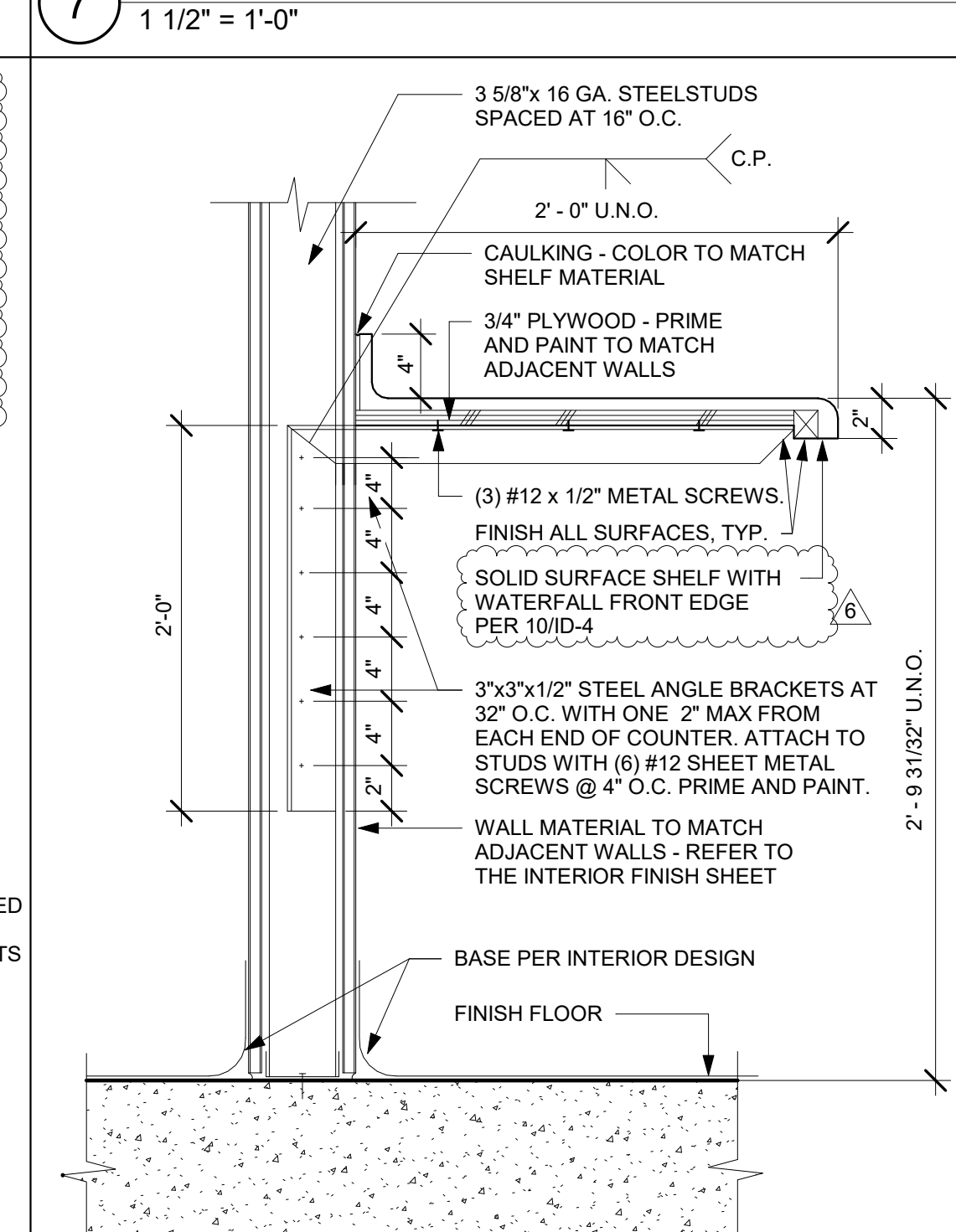
9 RECESSED DESK
1 1/2" = 1'-0"



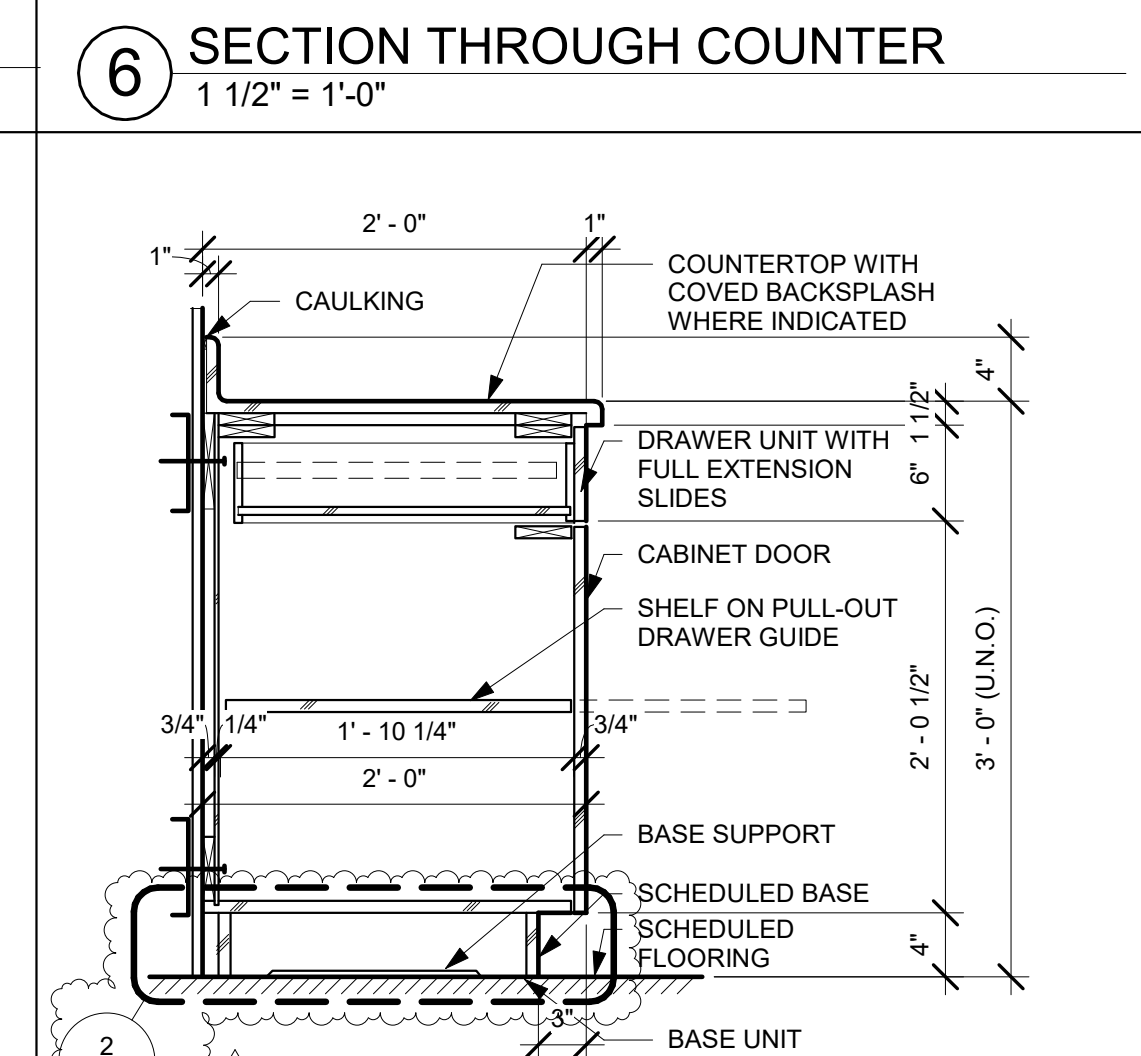
8 BASE CABINET UNIT - OPEN
1" = 1'-0"



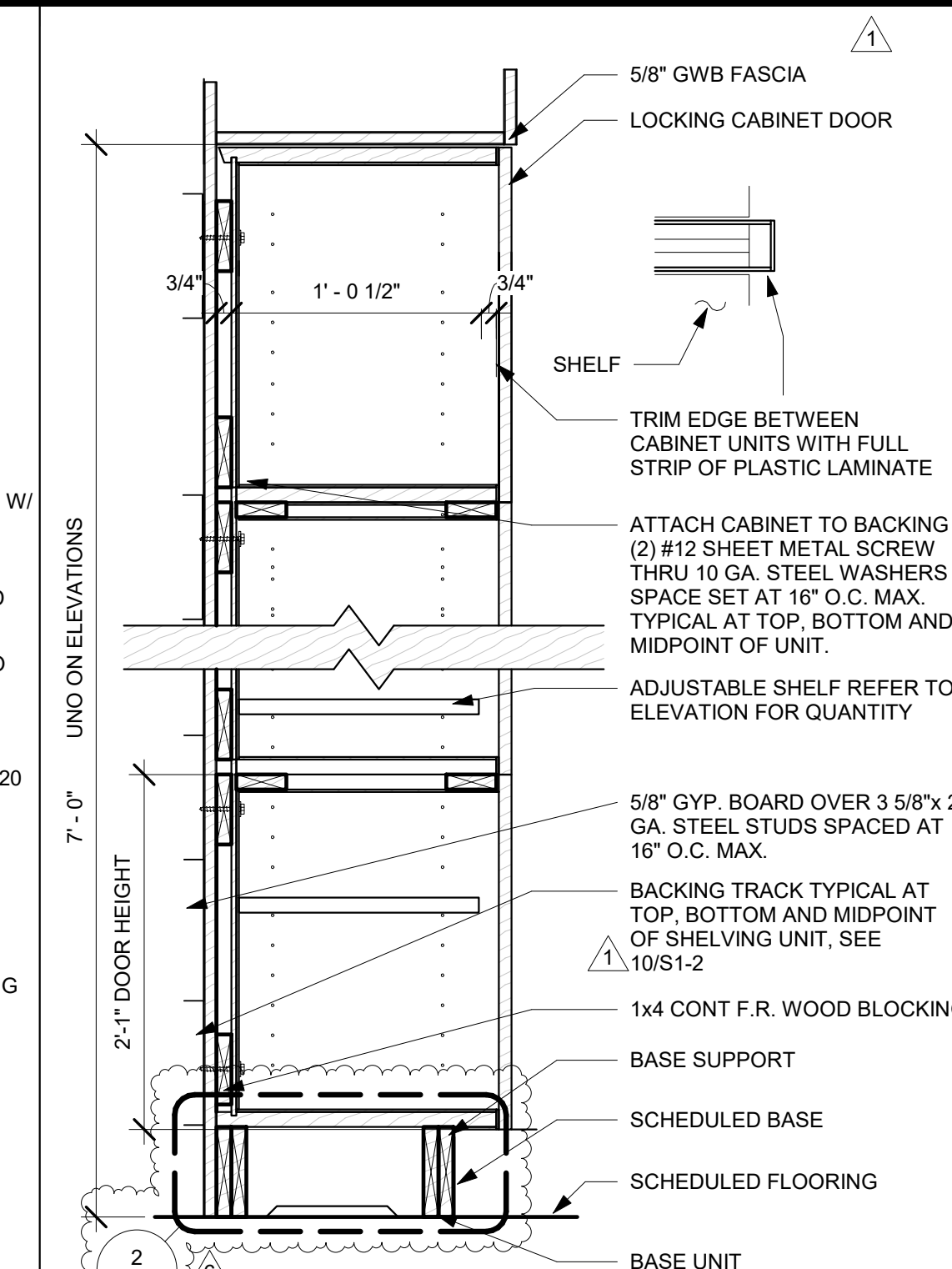
7 FULL HEIGHT-SHELVING UNIT
1 1/2" = 1'-0"



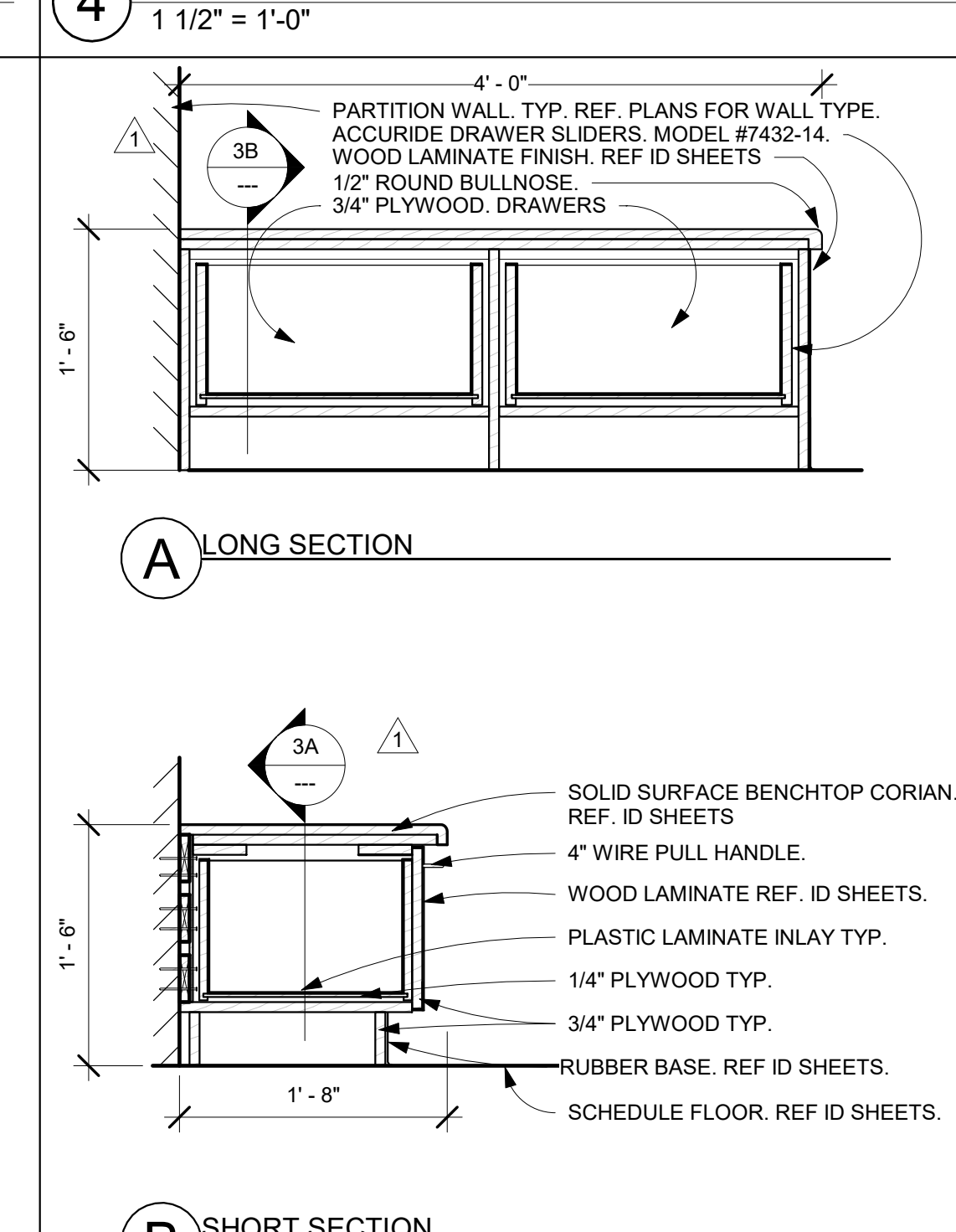
6 SECTION THROUGH COUNTER
1 1/2" = 1'-0"



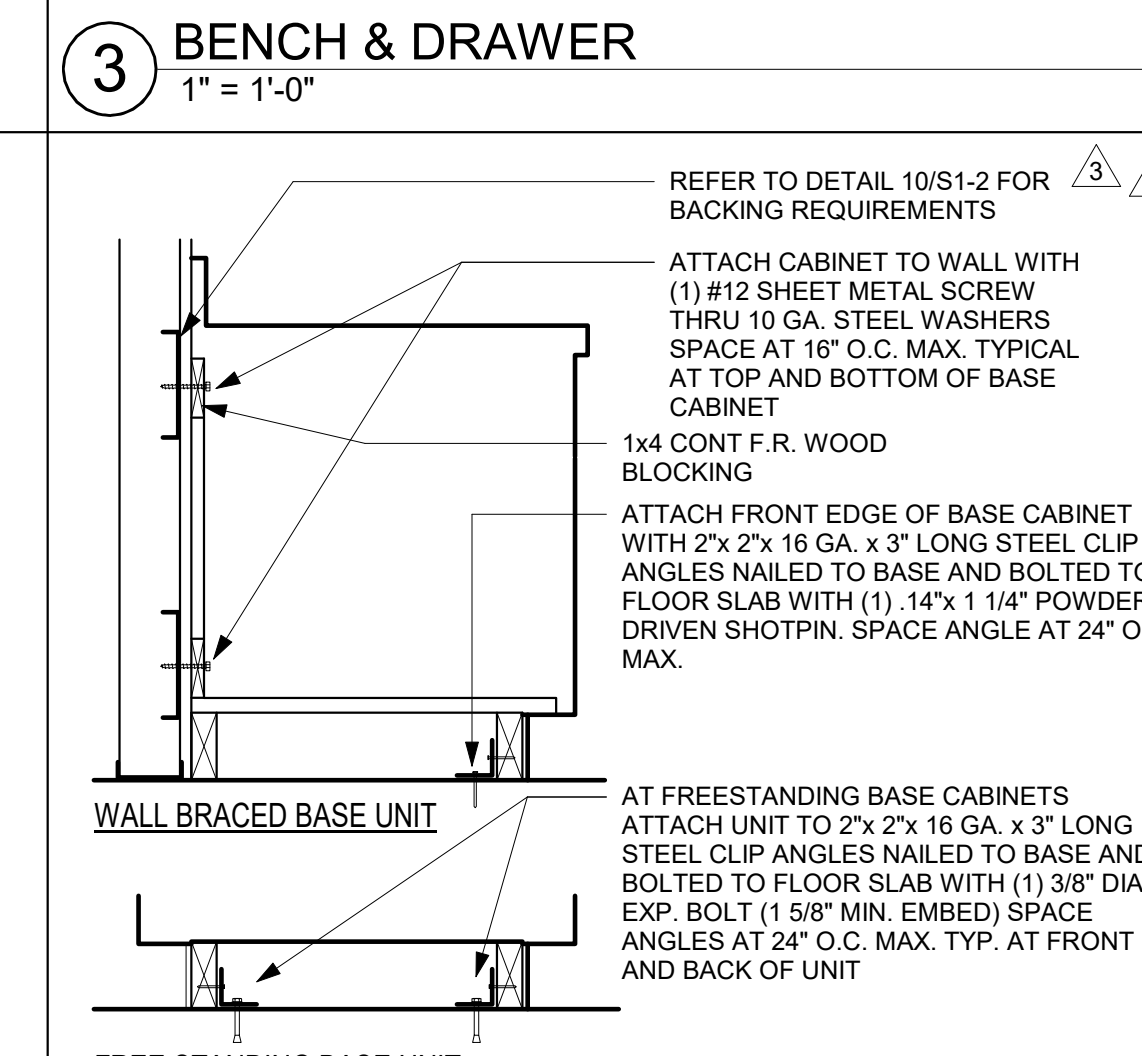
5 BASE CABINET WITH PULLOUT SHELF
1" = 1'-0"



4 FULL HEIGHT-LOCKERS
1 1/2" = 1'-0"



3 BENCH & DRAWER
1" = 1'-0"



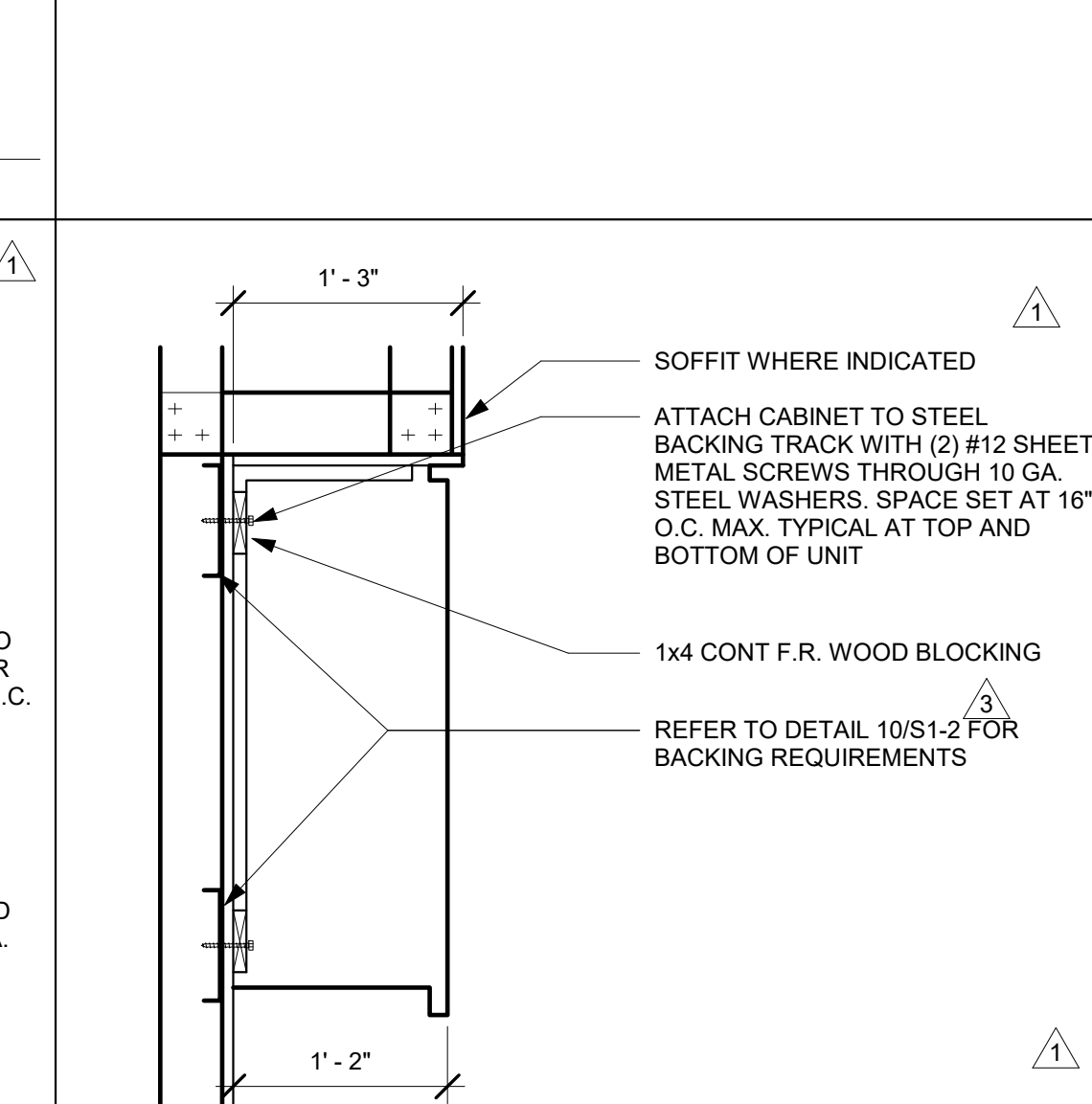
2 BASE CABINET ANCHORAGE
1" = 1'-0"

GENERAL NOTES:

1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
2. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.

CASEWORK GENERAL NOTES:

1. ALL CASEWORK SHALL BE "CUSTOM" GRADE AS DEFINED BY THE WOODWORK INSTITUTE.
2. FINISH ALL EXPOSED AND SEMI-EXPOSED SURFACES OF CASEWORK INCLUDING THE INTERIOR OF OPEN CASEWORK AND SHELVING WITH PLASTIC LAMINATE. ALL COUNTERTOPS SHALL BE PLASTIC LAMINATE UNLESS NOTED OTHERWISE.
3. BASES ON CASEWORK SHALL BE 4" UNLESS OTHERWISE NOTED. PROVIDE SAME FINISH BASE MATERIAL AS ADJACENT WALLS. EXTEND BASE TO WALL AT ALL CABINET RETURNS AND END PANELS.
4. IN CASES OF CABINET INSTALLATIONS BETWEEN WALLS, VERIFY DIMENSIONS IN FIELD AND PROVIDE FILLER PANEL STRIPS AT ENDS OR REDUCE END CABINETS WIDTH AS REQUIRED TO FIT SPACE AS INDICATED.
5. ALL CABINET DOORS AND DRAWERS SHALL HAVE PULLS. UPPER AND LOWER CABINET DOORS AND FULL HEIGHT CABINETS SHALL HAVE PULLS MOUNTED VERTICALLY. DRAWERS SHALL HAVE HORIZONTAL PULLS.
6. ALL FILE DRAWERS SHALL BE SIZED FOR 8 1/2" x 11" FORMS. PROVIDE FILE RODS EXTENDING FRONT TO BACK OF DRAWER UNIT. TYPICAL.
7. COORDINATE HEIGHT AND LOCATION OF BACKING PLATES FOR CASEWORK WITH STUD FRAMING CONTRACTOR.
8. REFER TO DETAIL SHEET FOR WALL CABINET ANCHORAGE/BACKING TRACK CONNECTION.
9. GENERAL CONTRACTOR SHALL VERIFY ALL DIMENSIONS OF ROUGH OPENINGS AND COORDINATE W/OWNER FOR ALL EQUIPMENTS CLEARANCES PRIOR TO PREPARING SHOP DRAWINGS AND FABRICATION.
10. SECURE ALL ENDS OF COUNTER TOPS TO EXISTING PARTITIONS.



1 UPPER CABINET ANCHORAGE
1" = 1'-0"

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STRUCTURAL: MIYAMOTO INTERNATIONAL, INC.
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MECHANICAL & PLUMBING: SC ENGINEERS, INC.
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ELECTRICAL: AG DESIGN, INC.
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ORANGE, CALIFORNIA 92668
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INTERIORS: ISLEY DESIGN & PLANNING
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ESCONDIDO, CA 92029
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LICENSED ARCHITECT
JOSEPH MICHAEL SFEIR
No. C 28543
REV. 1-31-23
STATE OF CALIFORNIA

NO.	DESCRIPTION	DATE
1	OSHPD COMMENTS	8/3/2020
2	DESIGN CHANGES	8/10/2020
3	OSHPD COMMENTS	10/2/2020
4	OSHPD COMMENTS	11/24/2020
5	DESIGN CHANGES	11/24/2020
6	ACD 0001 DESIGN CHANGES	4/14/2021

REV: DESCRIPTION: DATE:

CONSULTANT

OSHPD APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

SHEET TITLE:
CASEWORK DETAILS

PROJECT TITLE:
TCMC MRI

PROJECT #: 01907.01
DRAWN BY: Author
CHECKED BY: Checker
SCALE: PER TITLE
DATE: 3/11/2020

TCMC MRI

Tri-City Medical Center

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OCEANSIDE CA, 92056

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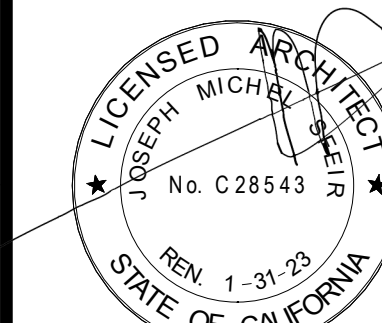
STRUCTURAL: MIYAMOTO INTERNATIONAL, INC.
5550 BALTIMORE DRIVE, SUITE 100
LA MESA, CA 91942
TEL(858)457-3001

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NO.	DESCRIPTION	DATE
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2	DESIGN CHANGES	8/10/2020
3	OSHPD COMMENTS	10/2/2020
4	OSHPD COMMENTS	11/24/2020
5	DESIGN CHANGES	11/24/2020
6	ACD 0001 DESIGN CHANGES	4/14/2021

REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

SHEET TITLE:
DOOR AND INTERIOR OPENINGS SCHEDULE

PROJECT TITLE:
TCMC MRI

PROJECT #:
01907.01

DRAWN BY:
Author

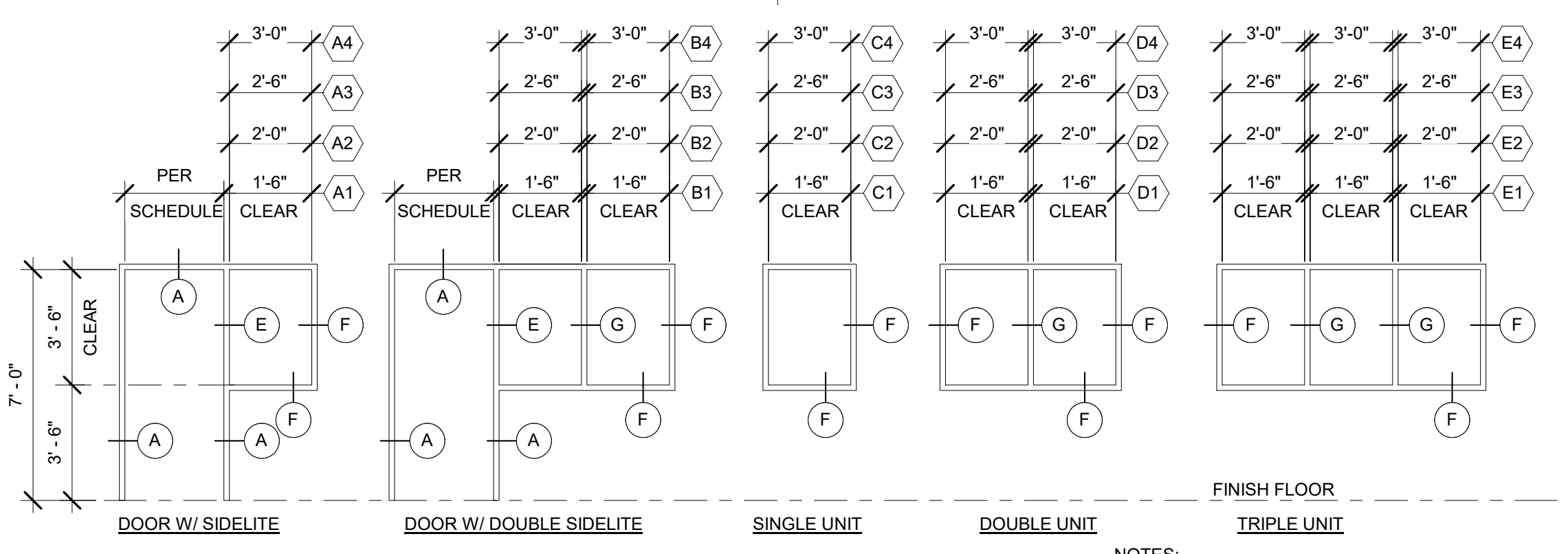
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Checker

SCALE:
PER TITLE

DATE:
3/11/2020

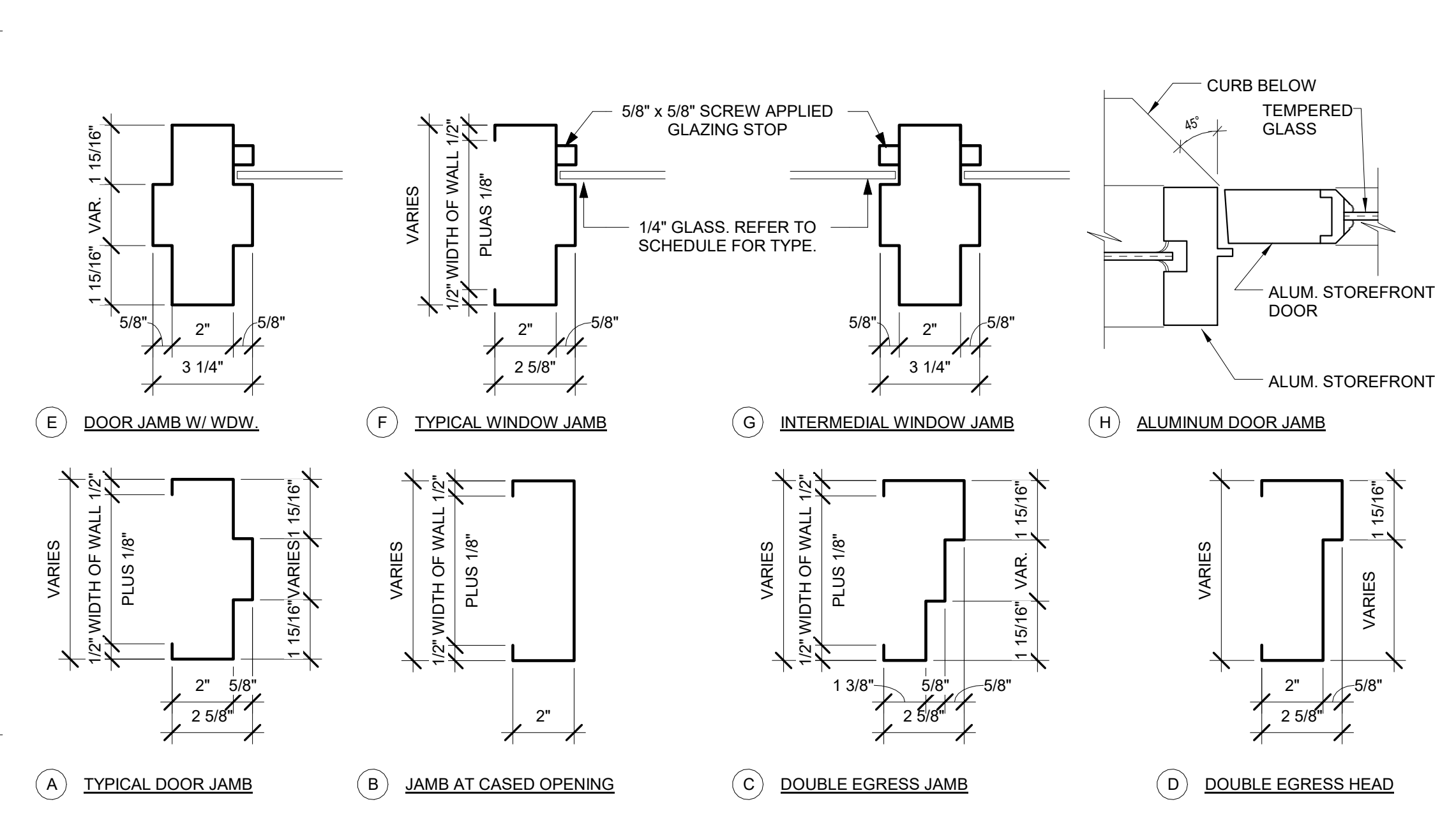
SHEET NUMBER:
A6-00

OPNG. NO.	TYPE	DOOR		FRAME			DETAILS				HDWR. SET	NOTES: #		
		OPENING SIZE		MATERIAL	FINISH	TYPE	MATERIAL	FINISH	HEAD	JAMB			THRESHOLD	LABEL
		(W)	(H)											
100A	CUSTOM	4'-0"	7'-0"	AAL	BRZ	4H	AAL	BRZ	4H	4H	7	NR	1	
101A	1A	3'-6"	7'-0"	SCWD	ST	4A	STEEL	PTD	5	6	N/A	1 HR	10	6, 10
102A	CUSTOM	3'-10"	7'-0"	CUSTOM	ST	-	CUSTOM	PTD	1/MRL5	1/MRL5	1/MRL5	N/A	9	1, 10
105A	1A	3'-0"	7'-0"	SCWD	ST	4B	STEEL	PTD	5 SIM.	6 SIM.	N/A	NR	11	6
107A	1D	6'-0"	7'-0"	SCWD	ST	4A	STEEL	PTD	5	6	N/A	NR	4	2, 3, 5, 8, 10, 11
107B	1D	6'-0"	7'-0"	SCWD	ST	4A	STEEL	PTD	5	6	N/A	1 HR	5	2, 3, 5, 8
107C	1D	6'-0"	7'-0"	SCWD	ST	4A	STEEL	PTD	5	6	N/A	NR	8	
108A	1A	3'-0"	7'-0"	SCWD	ST	4A	STEEL	PTD	5	6	N/A	NR	7	
108B	1A	3'-0"	7'-0"	SCWD	ST	4A	STEEL	PTD	5	6	N/A	1 HR	10	
108C	1E	3'-0"	7'-0"	SCWD	ST	4B	STEEL	PTD	CUSTOM	CUSTOM	N/A	N/A	13	9
109A	1A	3'-0"	7'-0"	SCWD	ST	4B	STEEL	PTD	5 SIM.	6 SIM.	N/A	NR	11	
110A	1E	3'-0"	7'-0"	SCWD	ST	4B	STEEL	PTD	CUSTOM	CUSTOM	N/A	N/A	12	4, 9
111A	1A	3'-0"	7'-0"	SCWD	ST	4A	STEEL	PTD	5	6	N/A	1 HR	6	
113A	1A	3'-0"	7'-0"	SCWD	ST	4A	STEEL	PTD	5	6	N/A	20 MIN	10	
201A	1B	2'-10"	7'-0"	SCWD	ST	4A	STEEL	PTD	5	6	N/A	20 MIN	2	

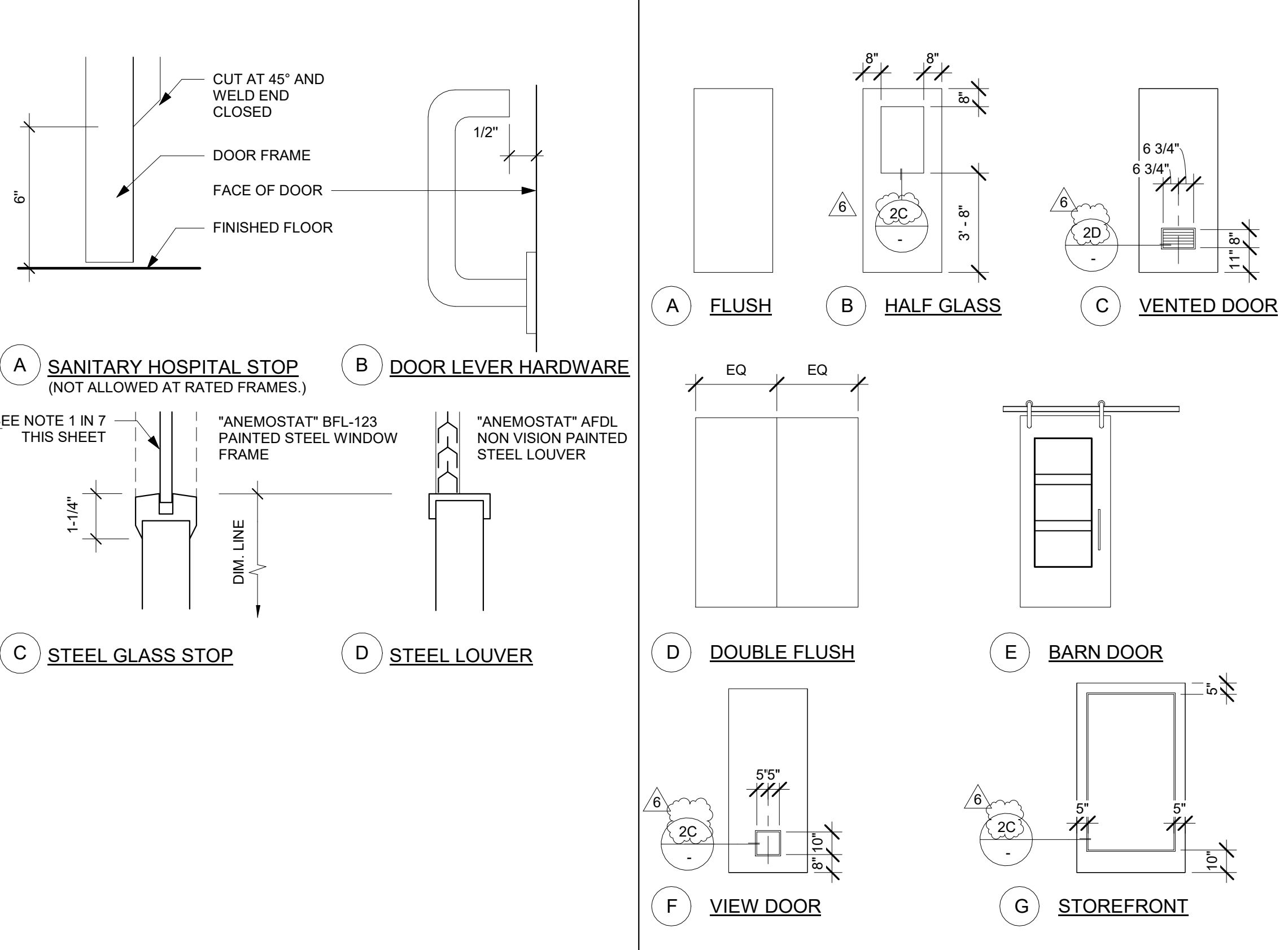


3 FRAME ELEVATIONS
1/4" = 1'-0"

NOTES:
1. GLAZE WINDOWS WITH 1/4" POLISHED WIRE GLASS IN PAINTED STEEL FRAME. SET ALL GLAZING STOPS ON CORRIDOR SIDE OF FRAME.
2. REFER TO DETAIL 4 THIS SHEET FOR FRAMES.

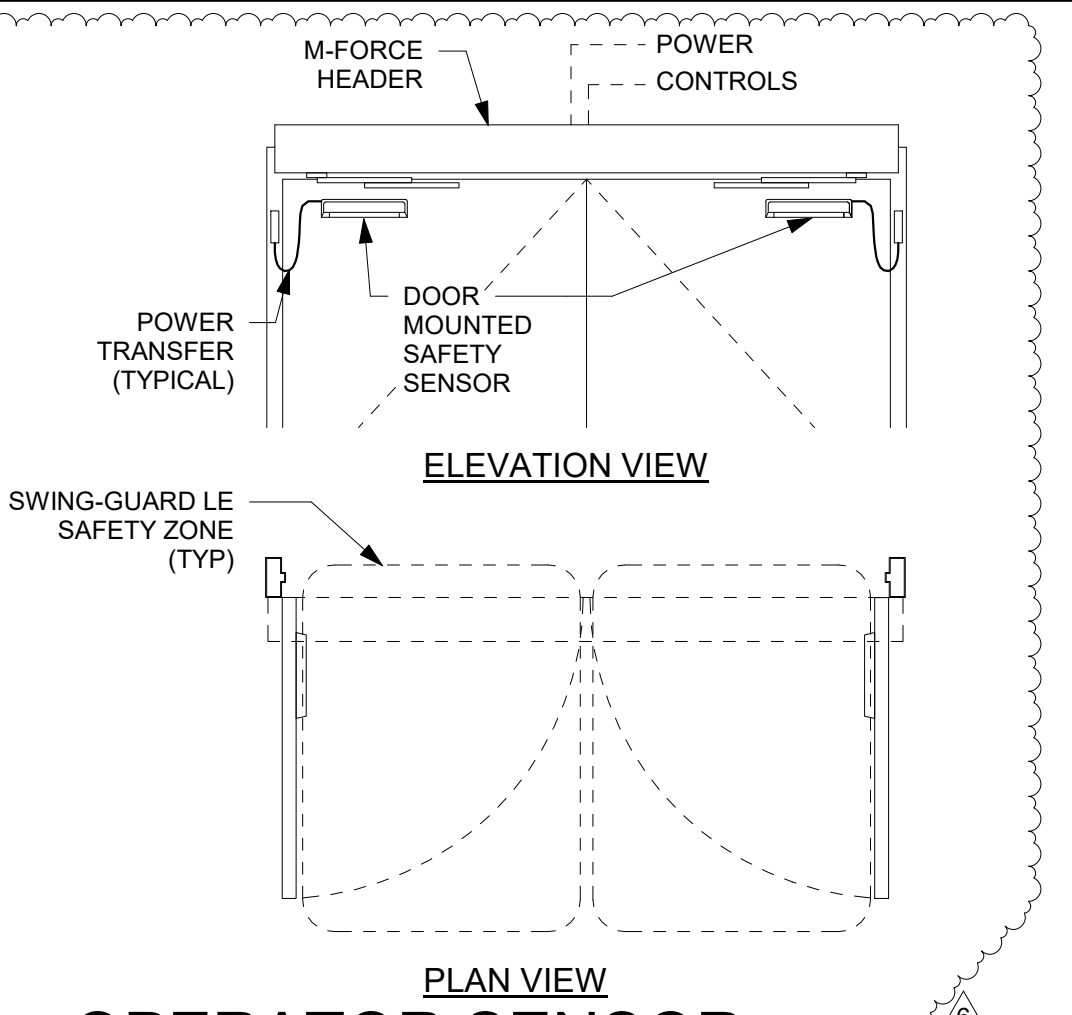


4 FRAME TYPES
3" = 1'-0"

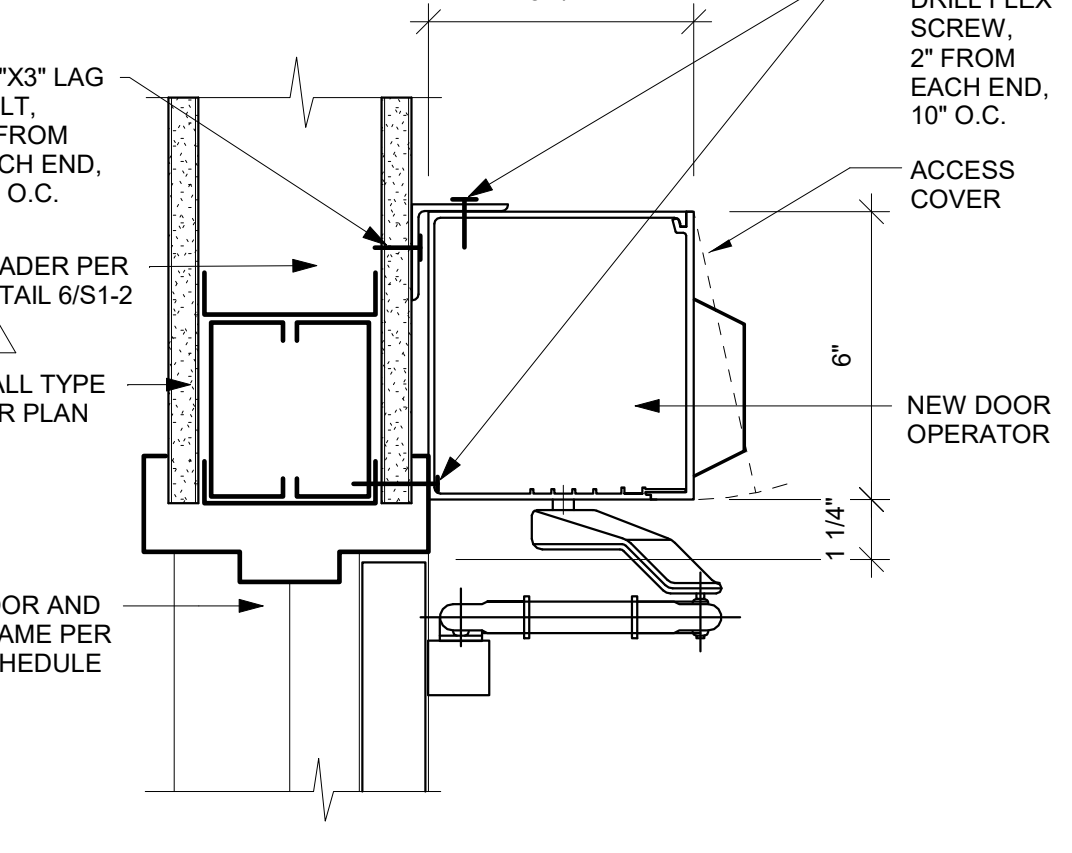


2 DOOR DETAILS
12" = 1'-0"

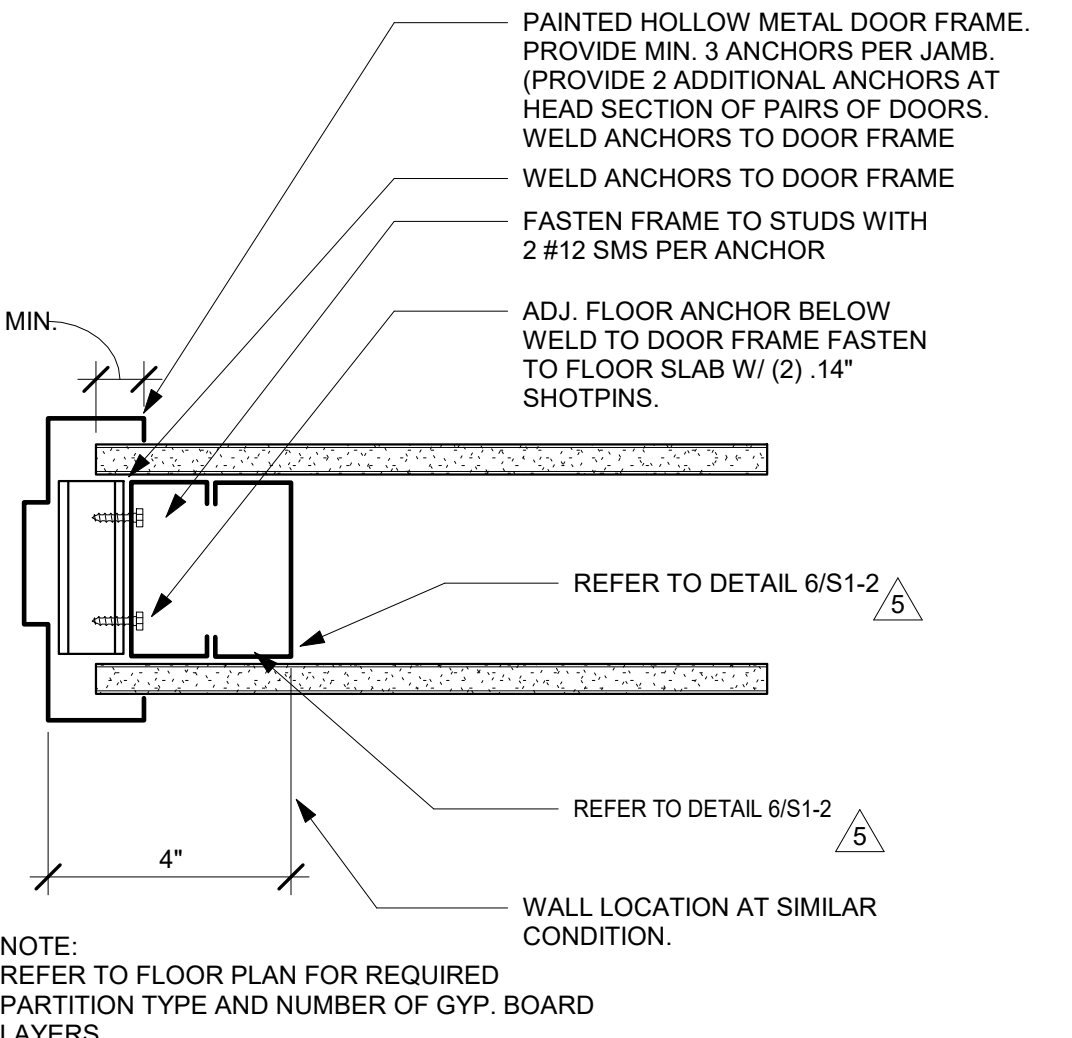
1 DOOR TYPES
1/4" = 1'-0"



10 OPERATOR SENSOR
1/2" = 1'-0"



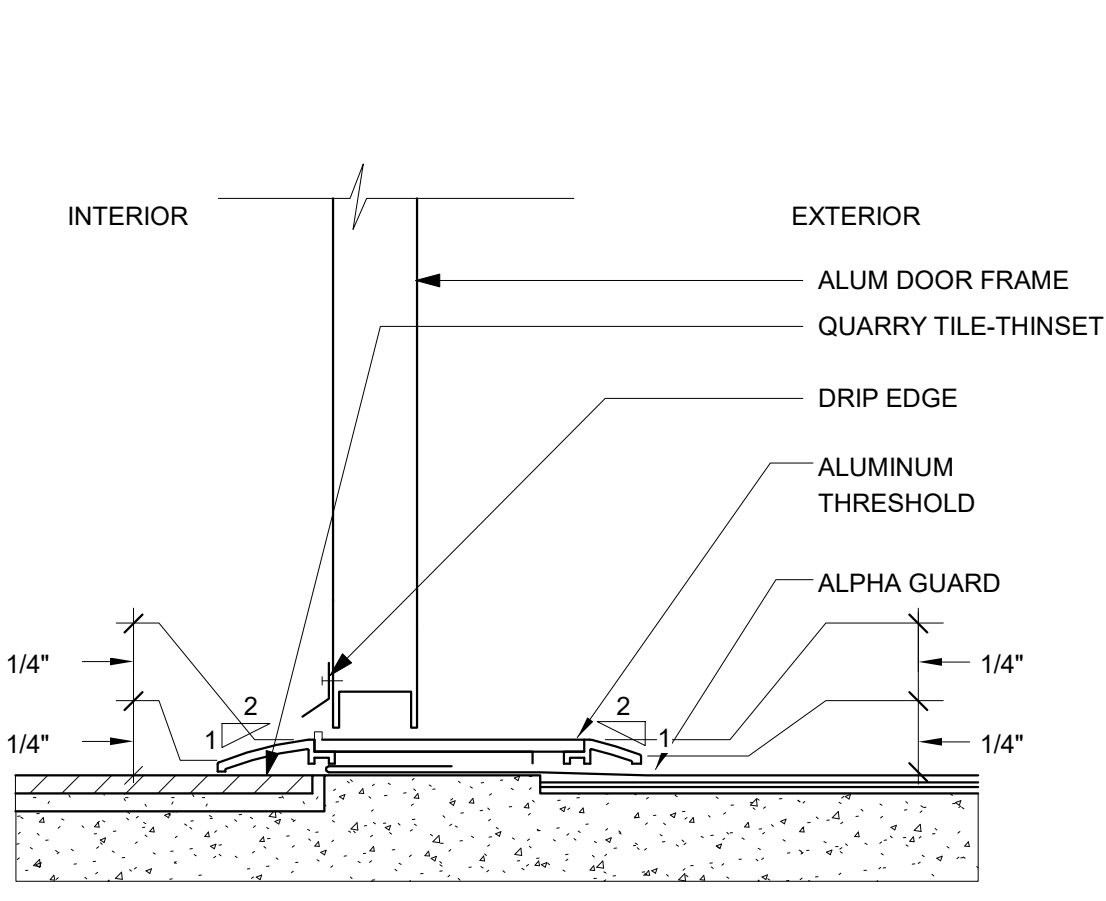
8 DOOR OPERATOR - SECTION
3" = 1'-0"



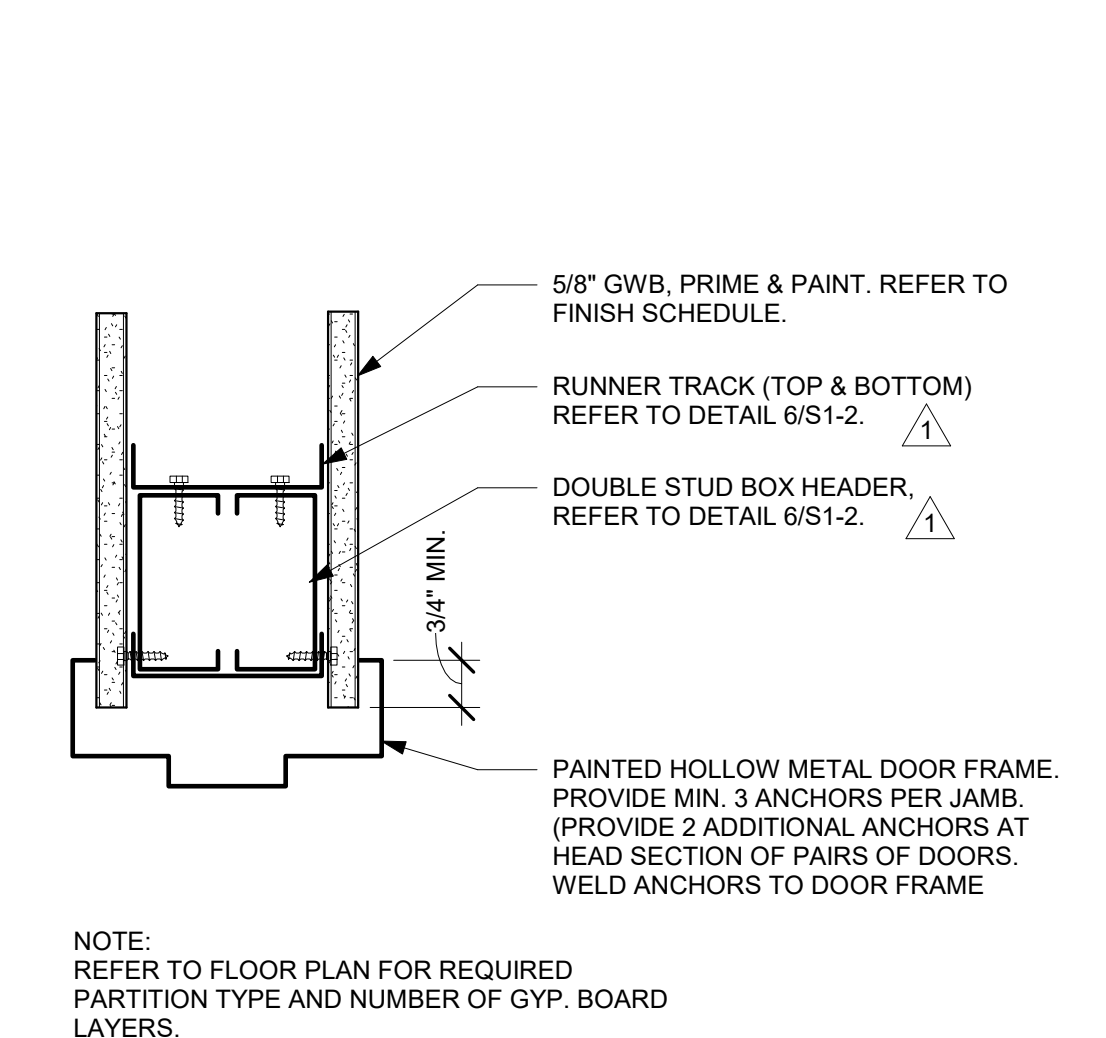
6 TYPICAL DOOR JAMB
3" = 1'-0"



9 MAGNETIC WARNING SIGN
3/4" = 1'-0"



7 Threshold-Aluminum
N.T.S.



5 TYPICAL DOOR HEAD
3" = 1'-0"

GENERAL NOTES:

- THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
 - REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.
- DOOR SCHEDULE GENERAL NOTES:**
- PROVIDE SANITARY "HOSPITAL STOPS" AT ALL NON-RATED INTERIOR DOOR FRAMES.
 - ALL DOORS SHALL RECEIVE LEVER TYPE HARDWARE WITH A PROFILE EQUAL TO DETAIL 2B THIS SHEET UNLESS NOTED OTHERWISE.
 - GLAZED OPENINGS IN 20 AND 45 MINUTE ASSEMBLIES SHALL NOT EXCEED 1296 SQ. INCHES AND SHALL BE GLAZED WITH 1/4" WIRE GLASS SET IN PAINTED STEEL FRAME.
 - GLAZED OPENINGS IN 60 AND 90 MINUTE ASSEMBLIES SHALL NOT EXCEED 100 SQ. INCHES AND SHALL BE GLAZED WITH 1/4" WIRE GLASS SET IN PAINTED STEEL FRAME.
 - FRAMES OF GLAZED OPENINGS IN DOORS SHALL BE PRIMED AND PAINTED TO MATCH DOOR FRAMES.
 - CENTER OF DOOR HINGE PIVOT SHALL BE LOCATED AT 4" FROM ADJACENT PARTITION UN.

DOOR SCHEDULE KEYNOTES:

- R.F. SHIELDED DOOR BY MRI CORPORATION. SEE MRI CORP SHIELDING DRAWINGS.
- DOOR OPERATOR WITH LOCATION SENSOR ON BOTH SIDES. SEE DETAIL 8 AND 10 THIS SHEET.
- HAND WAVE READER DOOR OPERATOR.
- PRIVACY LOCK AND GASKETS.
- FULL SIZE KICK PLATE.
- KICK PLATE.
- DOOR CLOSER. CLOSES BY FIRE ALARM SIGNAL.
- CARD READER DOOR OPERATOR.
- SLIDING BARN DOOR. "OPENING SIZE" INDICATES CLEAR OPENING. BARN DOOR IS LARGER. SEE CUTSHEET IN SPECBOOK.
- PROVIDE DOOR SIGNAGE PER DETAIL 9/A6-00.
- PROVIDE METAL DETECTOR FerrAlert™ Halo II PER SPECIFICATIONS AND DETAILS FOUND IN SPECBOOK APPENDIX A.

DOOR SCHEDULE FINISH LEGEND:

SCWD	SOLID CORE WOOD DOOR	ST	STAINED, MATCH EXISTING
PL	PLASTIC LAMINATE	NR	NOT RATED
PTD	PAINTED	BAST	BAULISTIC STEEL
AC	ACROVYN	MAR	MARBLE
E	EXISTING TO REMAIN	AAL	ANODIZED ALUMINUM
BRZ	BRONZE FINISH		

TCMC MRI

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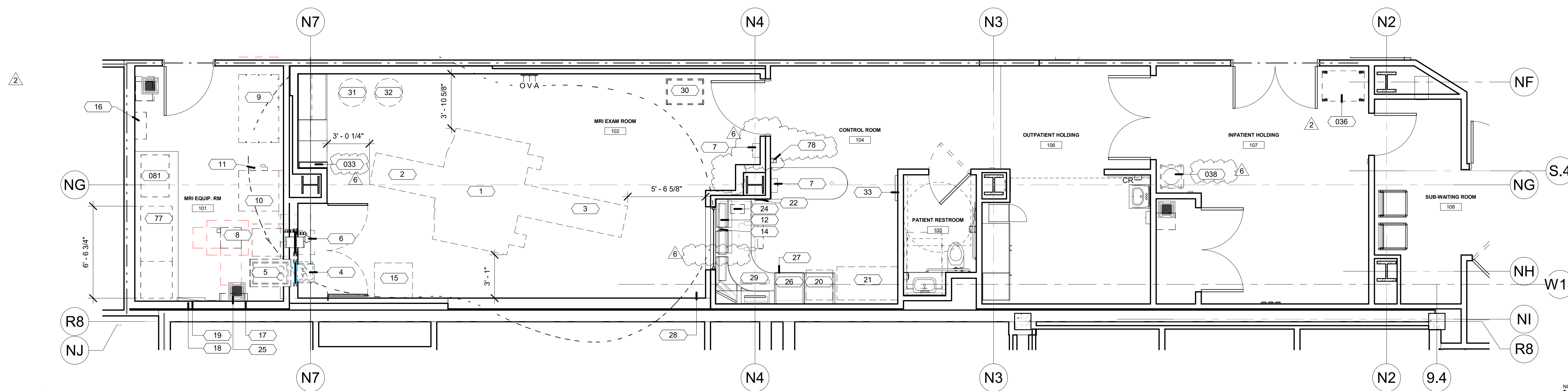
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COSTA MESA, CA 92626
TEL(714)545-7700

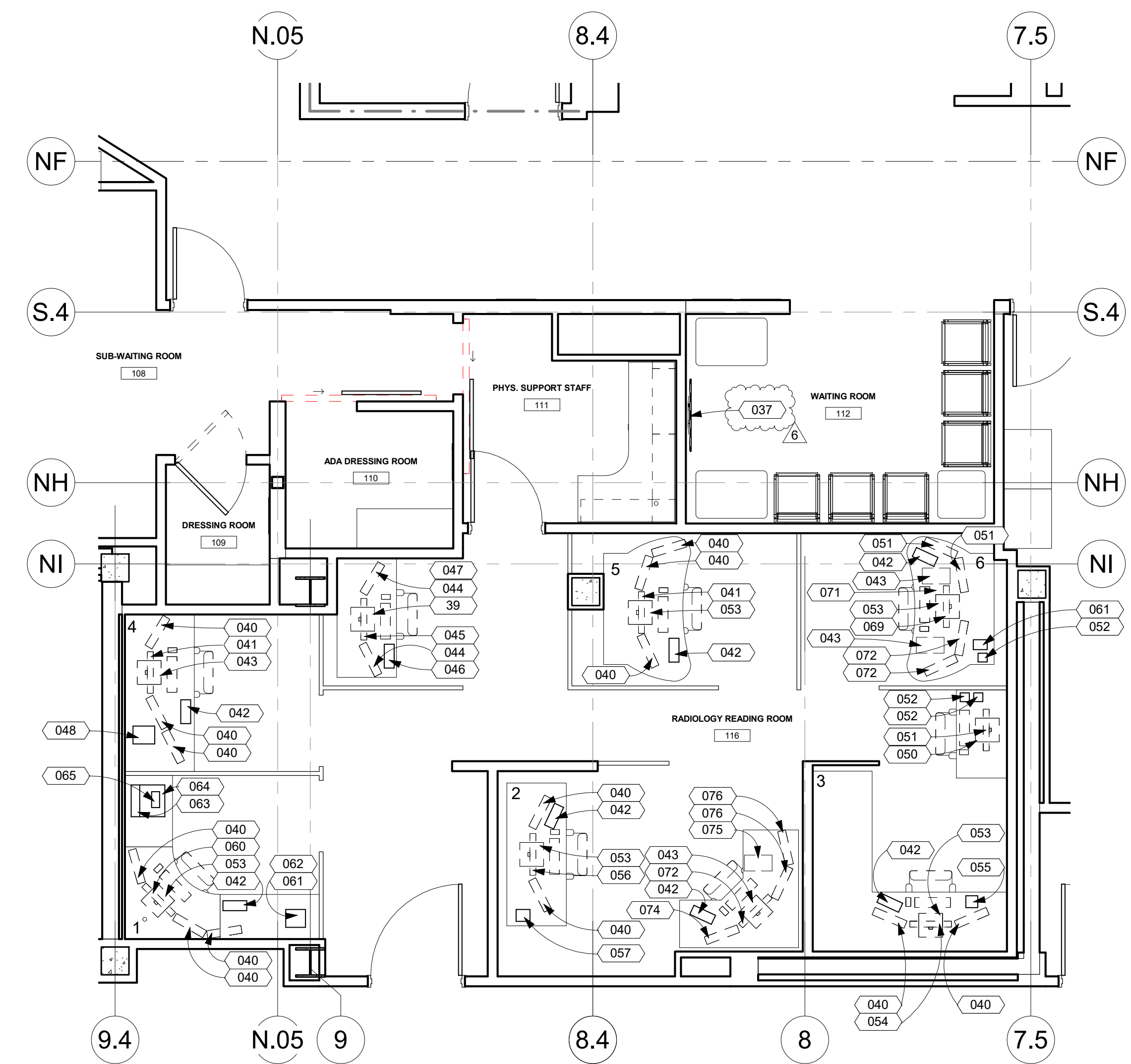
INTERIORS: ISLEY DESIGN & PLANNING
1982 PALSERO AVENUE
ESCONDIDO, CA 92029
TEL(760)484-0455

GENERAL NOTES:

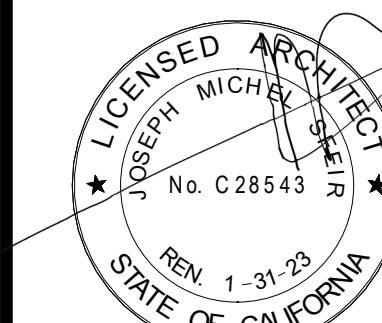
1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
2. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.



2 EQUIPMENT PLAN MRI
1/4" = 1'-0"



1 EQUIPMENT PLAN RRR
1/4" = 1'-0"



NO.	DESCRIPTION	DATE
1	OSHPD COMMENTS	8/3/2020
2	DESIGN CHANGES	8/10/2020
3	OSHPD COMMENTS	10/2/2020
4	OSHPD COMMENTS	11/24/2020
5	DESIGN CHANGES	11/24/2020
6	ACD 0001 DESIGN CHANGES	4/14/2021

REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

EQUIPMENT PLAN DETAILS AND SCHEDULE

PROJECT TITLE: TCMC MRI
PROJECT #: 01907.01
DRAWN BY: Author
CHECKED BY: Checker
SCALE: PER TITLE
DATE: 3/11/2020

SHEET NUMBER:
A6-20



NO	DESCRIPTION	DATE
1	OSHDP COMMENTS	8/3/2020
2	DESIGN CHANGES	8/10/2020
3	OSHDP COMMENTS	10/2/2020
4	OSHDP COMMENTS	11/24/2020
5	DESIGN CHANGES	11/24/2020
6	ACD 0001 DESIGN CHANGES	4/14/2021

REV	DESCRIPTION	DATE

OSHDP APPROVAL STAMP:
OSHDP #: S200813-37-00-ACD0001

SHEET TITLE:
1/4" PARTIAL FLOOR PLAN

PROJECT TITLE:
TCMC MRI

PROJECT #:
01907.01

DRAWN BY:
Author

CHECKED BY:
Checker

SCALE:
PER TITLE

DATE:
3/11/2020

ID-01

GRAPHIC LEGEND

101	ROOM NAME, NUMBER	CG	CORNER GUARD
#	FLOOR FINISH		BASE / WALL FINISH / WALL PROTECTION TAG
#	BASE SYMBOL		CONTINUATION OF FINISH
F.M.C.	FLOOR MATERIAL CHANGE		EXTENT OF FINISH
N.I.C.	N.I.C.		
WP	WALL PROTECTION	CHR	CHAIR RAIL PER 5/D-4
CR	CRASH RAIL PER 12/D-4		

GENERAL NOTES:

1. THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
2. REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.

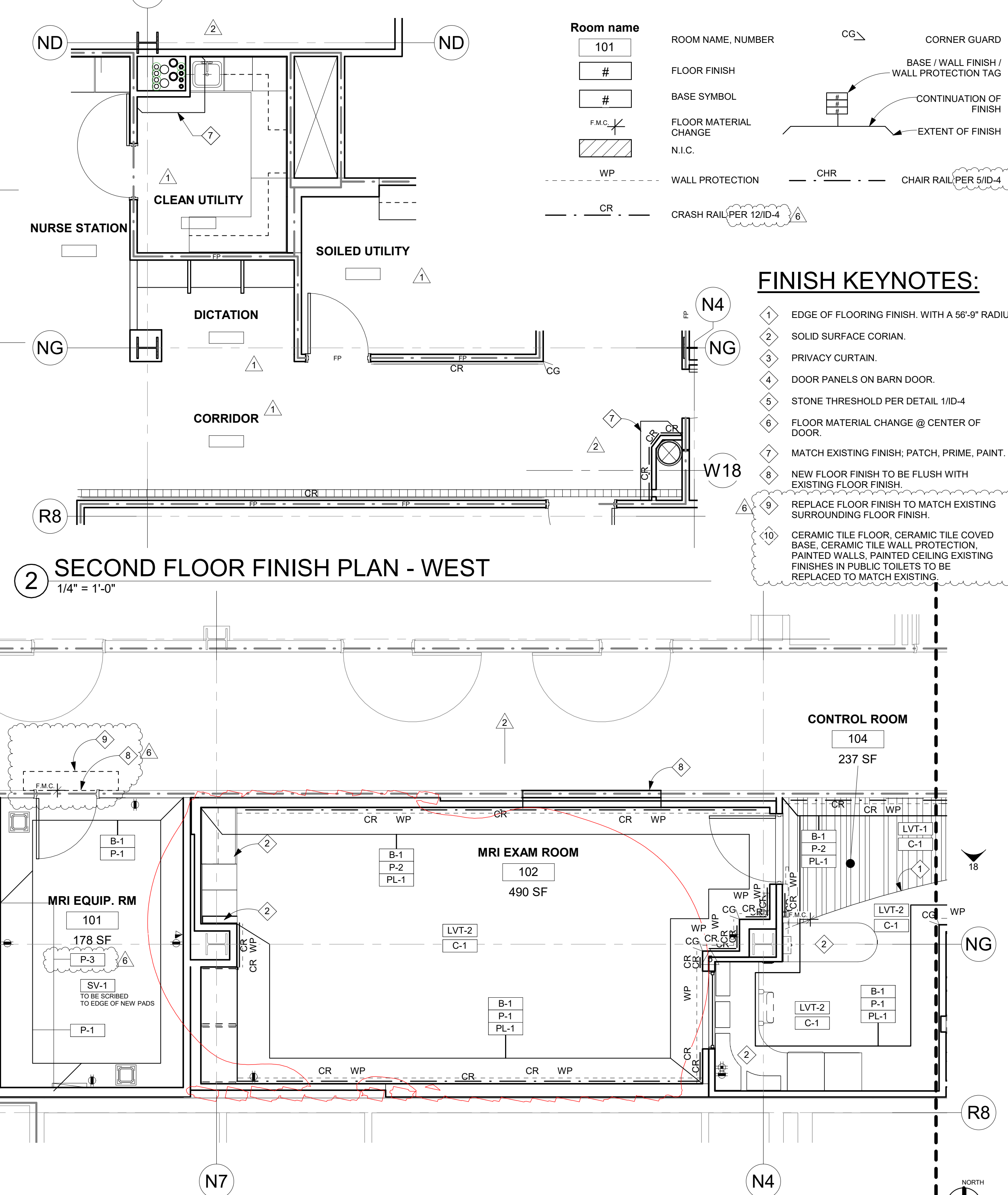
FINISH PLAN GENERAL NOTES:

1. PATCH AND REPAIR FINISHES IN LIKE KIND WHERE AFFECTED BY NEW CONSTRUCTION ON EXISTING BUILDING FINISHES.
2. ALL WINDOW COVERING TO BE CENTERED ON STOREFRONT AND INTALL PER MANUFACTURER'S REQUIREMENTS.
3. REFER TO ENLARGE FLOOR PLANS FOR CORNER GUARDS, CRASH RAIL AND CHAIR RAIL LOCATIONS.
4. REFER TO INTERIOR ELEVATIONS AND SHEET A5-80 FOR ALL CASEWORK FINISHES.
5. CONTRACTOR SHALL SUBMIT SIX (6) COPIES OF MANUFACTURER'S SPECIFICATIONS AND INSTALLATION INSTRUCTIONS FOR ALL FLOORING, CEMENT LEVELING AND PATCHING MATERIALS, PERFORM STRICTLY IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. PROVIDE MAINTENANCE INFORMATION TO THE FACILITIES MAINTENANCE DEPARTMENT.
6. PATCH AND REPAIR EXISTING SUB FLOOR SLAB AS REQUIRED TO PROVIDE A SMOOTH SURFACE FOR NEW FLOORING PER MANUFACTURER'S INSTALLATION REQUIREMENTS. PROVIDE SELF-LEVELING UNDERLAYMENT CONCRETE.
7. FLOORING PREPARATION SHALL BE PERFORMED AS REQUIRED BY THE CONTRACTOR SHALL PROVIDE DIRECT VENTILATION TO PREVENT VOC'S OUT GASSING FROM ADHESIVES FROM ENTERING THE BUILDING HVAC SYSTEM AND AFFECTING THE OCCUPANTS OF THE BUILDING.
8. CONTRACTOR TO PROVIDE TRANSITIONS BETWEEN FLOORING MATERIALS PER DETAILS ON SHEET D-4. ALL TRANSITIONS LOCATED UNDER DOORS, TO BE CENTERED UNDER DOOR.
9. DOOR SWING: CONTRACTOR SHALL INSTALL ALL NEW FLOORING SUCH THAT IT DOES NOT INTERFERE WITH EXISTING DOORS AND SUCH A WAY THAT EXISTING DOORS DO NOT TOUCH THE SURFACE OF NEW FLOORING.
10. ANY PROBLEMATIC DOORS SHALL BE BROUGHT TO THE ATTENTION FOR THE FACILITIES CONSTRUCTION REPRESENTATIVE PRIOR TO FLOORING PREPARATION.
11. PERFORM CALCIUM CHLORIDE TEST FOR ALL SLAB SUBFLOORS WHERE SLAB IS NEW, OR ALL EXISTING LOCATIONS. WHERE EXISTING SLAB IS ABOVE GRADE, CONTRACTOR MAY LIMIT TESTING TO AREAS NEAR A SOURCE OF WATER SUCH AS AROUND PLUMBING LINES, SHOWER STALLS, ROOF DRAINS, ETC. WHERE MOISTURE IN THE SLAB EXCEEDS FINISH MATERIAL'S MANUFACTURER'S RECOMMENDATIONS, REFER TO NOTES ABOVE FOR MANUFACTURER'S WARRANTY REQUIREMENTS.
12. CONTRACTOR TO INCLUDE ALLOWANCE FOR CONCRETE SLAB SEALER TO BE FURNISHED AND APPLIED UNDER ALL FLOOR FINISHES ON SLAB ON GRADE.
13. CONTRACTOR SHALL VERIFY LEAD TIMES FOR ALL FINISH MATERIALS AND SHALL BE RESPONSIBLE TO HAVE ALL MATERIALS ON THE JOB SITE ON TIME. NO SUBSTITUTIONS SHALL BE MADE DUE TO LATE ORDERING OF MATERIALS.
14. CONTINUE ALL FLOOR FINISHES UNDER ALL APPLIANCES AND REMOVABLE CABINETS AND EQUIPMENT.

FINISH KEYNOTES:

1. EDGE OF FLOORING FINISH, WITH A 56'-9" RADIUS.
2. SOLID SURFACE CORIAN.
3. PRIVACY CURTAIN.
4. DOOR PANELS ON BARN DOOR.
5. STONE THRESHOLD PER DETAIL 1/D-4
6. FLOOR MATERIAL CHANGE @ CENTER OF DOOR.
7. MATCH EXISTING FINISH; PATCH, PRIME, PAINT.
8. NEW FLOOR FINISH TO BE FLUSH WITH EXISTING FLOOR FINISH.
9. REPLACE FLOOR FINISH TO MATCH EXISTING SURROUNDING FLOOR FINISH.
10. CERAMIC TILE FLOOR, CERAMIC TILE COVERED BASE, CERAMIC TILE WALL PROTECTION, PAINTED WALLS, PAINTED CEILING EXISTING FINISHES IN PUBLIC TOILETS TO BE REPLACED TO MATCH EXISTING.

2 SECOND FLOOR FINISH PLAN - WEST
1/4" = 1'-0"



1 FIRST FLOOR FINISH PLAN - WEST
1/4" = 1'-0"

LEGEND: INTERIOR FINISHES

WALL FINISHES:

PT-1 MATERIAL: PORCELAIN TILE
MANUF: DAL TILE
STYLE: FLORENTINE
COLOR: #FLO7 MARFIL
SIZE: 12" x 12"
GROUT: CBP Fusion Pro - COLOR #122 LINEN
LAYOUT: RUNNING BOND
EDGING: USE SHLUTER DILEX-AHK COVE TRIM AT WALL-TO-FLOOR INTERSECTION MINIMIZE GROUT JOINT
NOTE: PT-2 MATERIAL: PORCELAIN TILE
MANUF: DAL TILE
STYLE: SANTINO COLORBODY PORCELAIN
COLOR: #SN06 BIANCA
SIZE: 12" x 24"
GROUT: CBP Fusion Pro - Color #122 LINEN
LAYOUT: RUNNING BOND
EDGING: USE SHLUTER QUADREC TRIM AT OUTSIDE CORNERS
TRIM: 4" x 18" BULLNOSE AT TOP OF WAINGSCOT; 6" x 24" AT BASE OF WALL
NOTE: MINIMIZE GROUT JOINT

WALL FINISHES CONT.:

PL-1 MATERIAL: PLASTIC LAMINATE
MANUF: WILSONART
COLOR: #73298-38 HUNTINGTON MAPLE
FINISH: FINE VELVET TEXTURE
P-1 MATERIAL: PAINT - WALLS
MANUF: SHERWIN WILLIAMS (MATCH FRAZEE COLOR LIFE)
COLOR: #2661 STALISBURY
FINISH: EGGSHELL
P-2 MATERIAL: PAINT - ACCENT WALLS
MANUF: SHERWIN WILLIAMS
COLOR: #SW 7507 STONE LION
FINISH: EGGSHELL

CEILING FINISHES:

C-1 MATERIAL: PAINT - CEILINGS
MANUF: SHERWIN WILLIAMS
COLOR: #SW 7004 SNOWBOUND
FINISH: EGGSHELL
FLOOR FINISHES:
CPT-1 MATERIAL: CARPET-MODULAR TILE
MANUF: MANNINGTON
COLOR: TSN
SIZE: #15121 FUDGE BROWNIE
24" x 24"

FLOOR FINISHES CONT.:

LVT-1 MATERIAL: LUXURY VINYL TILE
MANUF: MANNINGTON
STYLE: NATURE'S PATH
COLOR: HERITAGE CHERRY - NATURAL
SIZE: 6" x 36"
LVT-2 MATERIAL: LUXURY VINYL TILE
MANUF: MANNINGTON
STYLE: AMTICO SIGNATURE STONE
COLOR: RIVERSTONE TUNDRA AROSRS40
SIZE: 18" x 18"
SV-1 MATERIAL: HOMOGENEOUS SHEET VINYL
MANUF: MANNINGTON
STYLE: BIOSPEC
COLOR: #15357 CHERRYWOOD
SEAM'G: HEAT WELD

FLOOR FINISHES CONT.:

B-1 MATERIAL: 6" RUBBER BASE
MANUF: BURKE
COLOR: #503 GINGER
SEAM'G: HEAT WELD
SURFACE FINISHES:
COUNTER TOPS & BENCHES
MATERIAL: SOLID SURFACE
MANUF: CORIAN
COLOR: WITCH HAZEL
EDGE DETAIL: 0'-2" WATERFALL
INTEGRAL SINKS
MATERIAL: SOLID SURFACE
MANUF: CORIAN
COLOR: BONE

SURFACE FINISHES CONT.:

CORNER GUARDS, CHAIR RAILS, & WALL PROTECTION
MATERIAL: ACROVYN
MANUF: CONSTRUCTION SPECIALTIES, INC.
COLOR: 920 ALMOND
PRIVACY CURTAIN
MANUF: PALLAS TEXTILES
STYLE: LIMN COLLECTION
PATTERN: CAMAIEU
COLOR: CHAI
NUMBER: 29.096.011
NOTE: PROVIDE 18" MESH AT TOP OF DRAPE
PANELS AT BARN DOORS
MANUF: VARIO
STYLE: BANANA FIBER (DARK)
PATTERN: STUCCO F06
FINISH: WHITE OUT 5%
DIF-FUSE: 29.096.011
NUMBER: LOCATE PATTERN TOWARD SUB-WAITING ROOM SIDE.
CONCRETE PADS - PAINTED WITH EPOXY
P-3 PREPARATION: SSPC-SP13/NACE or ICR No. 310.2, CSP 1-3
FIRST COAT: SHERWIN WILLIAMS ARMORSEAL 33 EPOXY 8.0 MILS DFT PERIMETER/SEALER
SECOND COAT: SHERWIN WILLIAMS ARMORSEAL 1000 HS EPOXY MINIMUM 3.0 MILS, MAXIMUM 5.0 MILS DFT
THIRD COAT: SHERWIN WILLIAMS ARMORSEAL 1000 HS EPOXY MINIMUM 3.0 MILS, MAXIMUM 5.0 MILS DFT

TCMC MRI

Tri-City Medical Center

4002 VISTA WAY
OCEANSIDE CA, 92056

OWNER: TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056
TEL(760)940-7709

ARCHITECT: SFEIR ARCHITECTS
5151 SHOREHAM PL SUITE 265
SAN DIEGO, CALIFORNIA 92122
TEL(619)299-3917

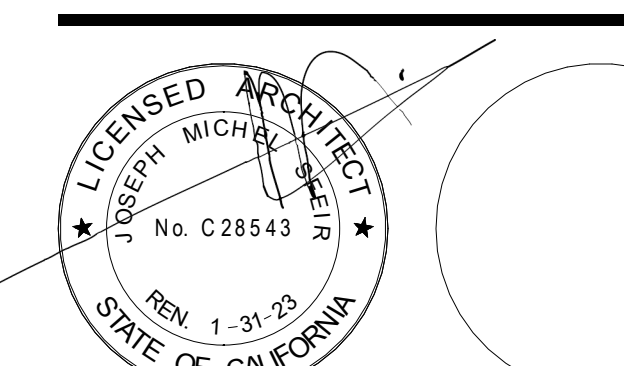
STRUCTURAL: MIYAMOTO INTERNATIONAL, INC.
5550 BALTIMORE DRIVE, SUITE 100
LA MESA, CA 91942
TEL(858)457-3001

MECHANICAL & PLUMBING: SC ENGINEERS, INC.
17075 VIA DEL CAMPO
SAN DIEGO, CALIFORNIA 92127
TEL(658)946-0333

ELECTRICAL: AG DESIGN, INC.
171 S. ANITA DR. SUITE 111
ORANGE, CALIFORNIA 92668
TEL(714)769-9900 EXT. 201

SHIELDING: MRI SHIELDING CORPORATION
3554 BUSINESS PARK DR., SUITE B
COSTA MESA, CA 92626
TEL(714)545-7700

INTERIORS: ISLEY DESIGN & PLANNING
1982 PALSERO AVENUE
ESCONDIDO, CA 92029
TEL(760)484-0455



1	OSHPD COMMENTS	8/3/2020
2	DESIGN CHANGES	8/10/2020
3	OSHPD COMMENTS	10/2/2020
4	OSHPD COMMENTS	11/24/2020
5	DESIGN CHANGES	11/24/2020
6	ACD 0001 DESIGN CHANGES	4/14/2021

REV:	DESCRIPTION:	DATE:

OSHPD APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

SHEET TITLE:
1/4" PARTIAL FLOOR PLAN

PROJECT TITLE:
TCMC MRI

PROJECT #: 01907.01
DRAWN BY: Author
CHECKED BY: Checker
SCALE: PER TITLE
DATE: 3/11/2020

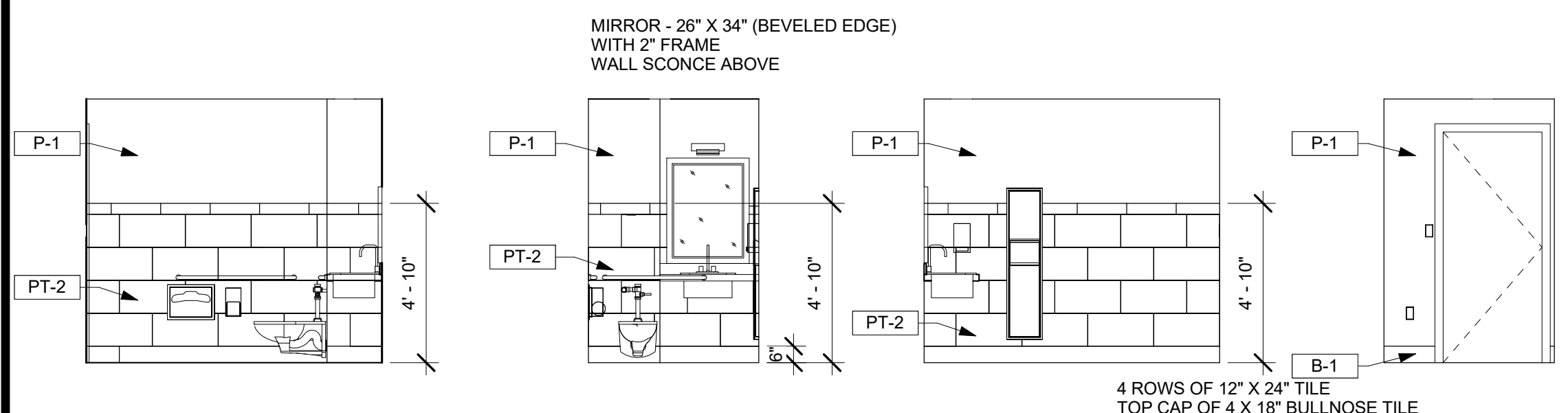
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ID-02

GRAPHIC LEGEND

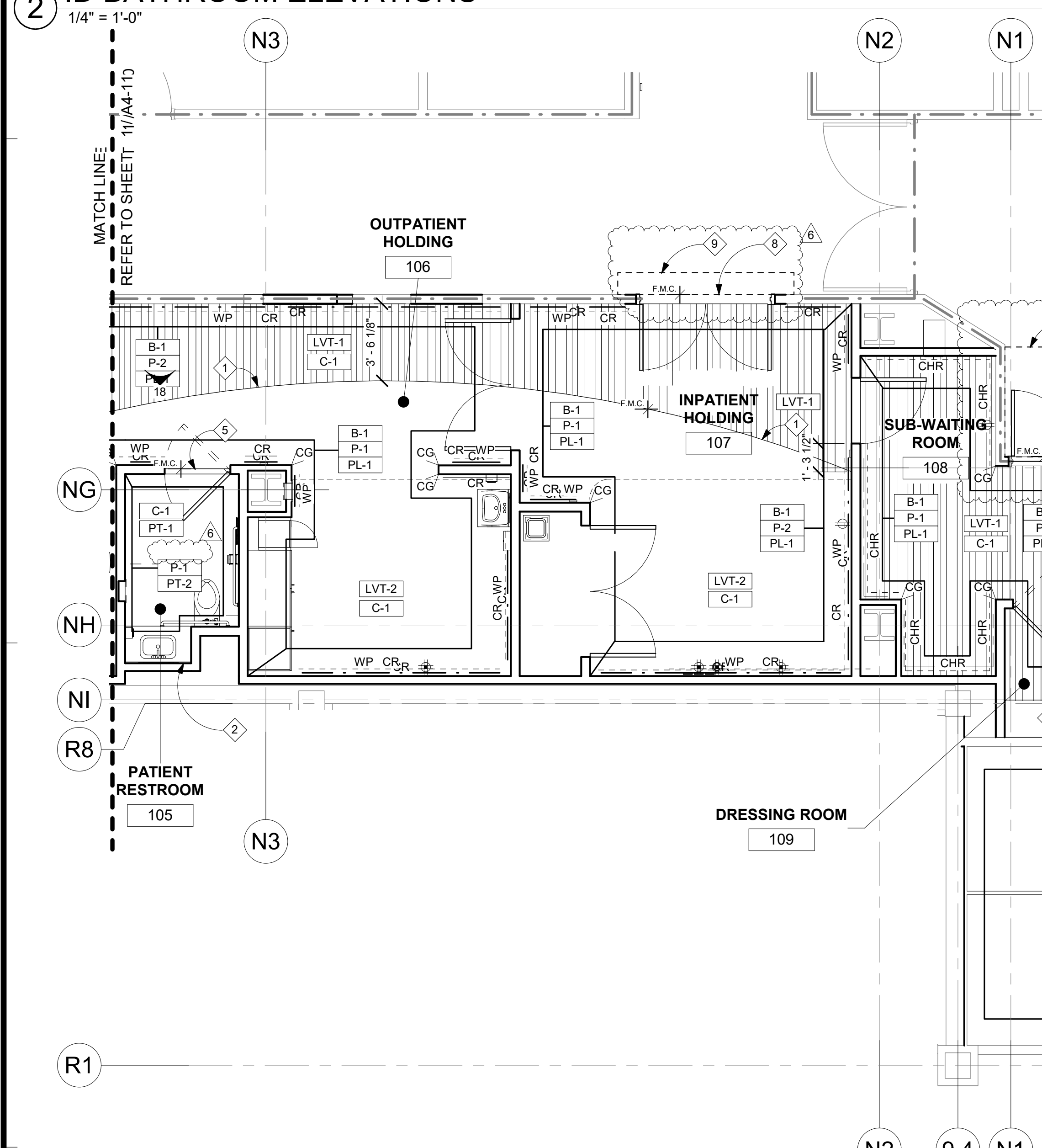
101	ROOM NAME, NUMBER	CG	CORNER GUARD
#	FLOOR FINISH	Base / Wall Finish / Wall Protection Tag	
#	BASE SYMBOL	CONTINUATION OF FINISH	
F.M.C.	FLOOR MATERIAL CHANGE	EXTENT OF FINISH	
N.I.C.	N.I.C.		
WP	WALL PROTECTION	CHR	CHAIR RAIL PER 5/ID-4
CR	CRASH RAIL PER 12/ID-4		

FINISH KEYNOTES:

- EDGE OF FLOORING FINISH. WITH A 5/8" RADIUS.
- SOLID SURFACE CORIAN.
- PRIVACY CURTAIN.
- DOOR PANELS ON BARN DOOR.
- STONE THRESHOLD PER DETAIL 1/ID-4
- FLOOR MATERIAL CHANGE @ CENTER OF DOOR.
- MATCH EXISTING FINISH; PATCH, PRIME, PAINT.
- NEW FLOOR FINISH TO BE FLUSH WITH EXISTING FLOOR FINISH.
- REPLACE FLOOR FINISH TO MATCH EXISTING SURROUNDING FLOOR FINISH.
- CERAMIC TILE FLOOR, CERAMIC TILE COVERED BASE, CERAMIC TILE WALL PROTECTION, PAINTED WALLS, PAINTED CEILING EXISTING FINISHES IN PUBLIC TOILETS TO BE REPLACED TO MATCH EXISTING.



ID BATHROOM ELEVATIONS



FIRST FLOOR FINISH PLAN - EAST

LEGEND: INTERIOR FINISHES

WALL FINISHES:		WALL FINISHES CONT.:	
PT-1 MATERIAL: PORCELAIN TILE MANUF: DAL TILE STYLE: FLORENTINE COLOR: #FLO7 MARFIL SIZE: 12" x 12" GROUT: CBP Fusion Pro - COLOR #122 LINEN LAYOUT: RUNNING BOND EDGING: USE SHLUTER DILEX-AHK COVE TRIM AT WALL-TO-FLOOR INTERSECTION MINIMIZE GROUT JOINT	PL-1 MATERIAL: PLASTIC LAMINATE MANUF: WILSONART COLOR: #79298-38 HUNTINGTON MAPLE FINISH: FINE VELVET TEXTURE	C-1 MATERIAL: PAINT - CEILINGS MANUF: SHERWIN WILLIAMS COLOR: #SW 7004 SNOWBOUND FINISH: EGG SHELL	CPT-1 MATERIAL: CARPET-MODULAR TILE MANUF: MANNINGTON STYLE: TSN COLOR: #15121 FUDGE BROWNIE SIZE: 24" x 24"
PT-2 MATERIAL: PORCELAIN TILE MANUF: DAL TILE STYLE: SANTINO COLORBODY PORCELAIN COLOR: #SN06 BIANCA SIZE: 12" x 24" GROUT: CBP Fusion Pro - Color #122 LINEN LAYOUT: RUNNING BOND EDGING: USE SHLUTER QUADEC TRIM AT OUTSIDE CORNERS 4" x 18" BULLNOSE AT TOP OF WAINSCOT; 6" x 24" AT BASE OF WALL MINIMIZE GROUT JOINT	P-1 MATERIAL: PAINT - WALLS SHERWIN WILLIAMS (MATCH FRAZEE COLOR LIFE) #2661 STALISBURY EGGSHELL	LVT-1 MATERIAL: LUXURY VINYL TILE MANUF: MANNINGTON STYLE: NATURE'S PATH COLOR: HERITAGE CHERRY - NATURAL SIZE: 6" x 36"	LVT-2 MATERIAL: LUXURY VINYL TILE MANUF: MANNINGTON STYLE: AMTICO SIGNATURE STONE COLOR: RIVERSTONE TUNDRA AROSRS40 SIZE: 18" x 18"
TRIM: 6	P-2 MATERIAL: PAINT - ACCENT WALLS MANUF: SHERWIN WILLIAMS COLOR: #SW 7507 STONE LION FINISH: EGG SHELL	SV-1 MATERIAL: HOMOGENEOUS SHEET VINYL MANUF: MANNINGTON STYLE: BIOSPEC COLOR: #15357 CHERRYWOOD SEAM'G: HEAT WELD	INTEGRAL SINKS MATERIAL: SOLID SURFACE MANUF: CORIAN COLOR: BONE

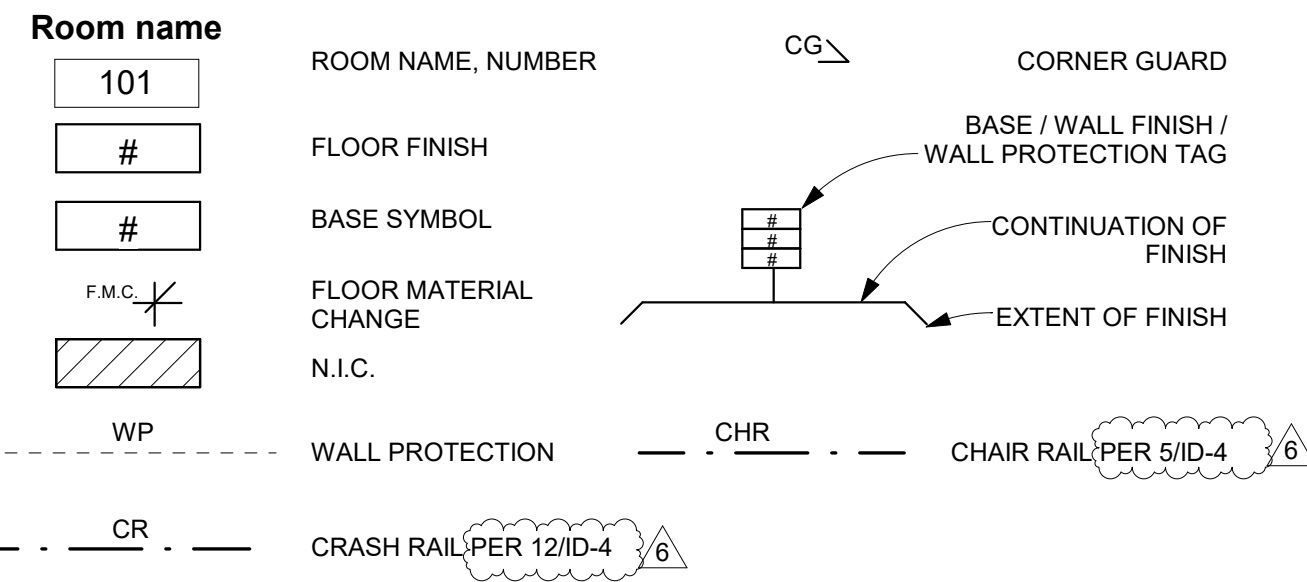
CEILING FINISHES:		FLOOR FINISHES CONT.:	
C-1 MATERIAL: PAINT - CEILINGS MANUF: SHERWIN WILLIAMS COLOR: #SW 7004 SNOWBOUND FINISH: EGG SHELL	C-2 MATERIAL: PAINT - CEILINGS MANUF: SHERWIN WILLIAMS COLOR: #SW 7004 SNOWBOUND FINISH: EGG SHELL	LVT-1 MATERIAL: LUXURY VINYL TILE MANUF: MANNINGTON STYLE: NATURE'S PATH COLOR: HERITAGE CHERRY - NATURAL SIZE: 6" x 36"	B-1 MATERIAL: 6" RUBBER BASE MANUF: BURKE COLOR: #503 GINGER SEAM'G: HEAT WELD
CPT-1 MATERIAL: CARPET-MODULAR TILE MANUF: MANNINGTON STYLE: TSN COLOR: #15121 FUDGE BROWNIE SIZE: 24" x 24"	LVT-2 MATERIAL: LUXURY VINYL TILE MANUF: MANNINGTON STYLE: AMTICO SIGNATURE STONE COLOR: RIVERSTONE TUNDRA AROSRS40 SIZE: 18" x 18"	SV-1 MATERIAL: HOMOGENEOUS SHEET VINYL MANUF: MANNINGTON STYLE: BIOSPEC COLOR: #15357 CHERRYWOOD SEAM'G: HEAT WELD	COUNTER TOPS & BENCHES MATERIAL: SOLID SURFACE MANUF: CORIAN COLOR: WITCH HAZEL EDGE DETAIL: 0-2" WATERFALL

SURFACE FINISHES CONT.:	
CORNER GUARDS, CHAIR RAILS, & WALL PROTECTION MATERIAL: ACROVYN MANUF: CONSTRUCTION SPECIALTIES, INC. COLOR: 920 ALMOND	PRIVACY CURTAIN MATERIAL: PALLAS TEXTILES MANUF: LIMN COLLECTION COLOR: CAMAIEU PATTERN: CHAI NUMBER: 29.096.011 NOTE: PROVIDE 18" MESH AT TOP OF DRAPE
PANELS AT BARN DOORS MATERIAL: 3-FORM MANUF: VARIA PATTERN: BANANA FIBER (DARK) FINISH: STUCCO F06 NUMBER: WHITE OUT 5% NOTE: LOCATE PATTERN TOWARD SUB-WAITING ROOM SIDE.	CONCRETE PADS - PAINTED WITH EPOXY P-3 PREPARATION: SSPC-SP13/NACE or ICRI No. 310.2, CSP 1-3 FIRST COAT: SHERWIN WILLIAMS ARMORSEAL 33 EPOXY 8.0 MILS DFT PERIMETER SEALER SECOND COAT: SHERWIN WILLIAMS ARMORSEAL 1000 HS EPOXY MINIMUM 3.0 MILS, MAXIMUM 5.0 MILS DFT THIRD COAT: SHERWIN WILLIAMS ARMORSEAL 1000 HS EPOXY MINIMUM 3.0 MILS, MAXIMUM 5.0 MILS DFT

SURFACE FINISHES:	
COUNTER TOPS & BENCHES MATERIAL: SOLID SURFACE MANUF: CORIAN COLOR: WITCH HAZEL EDGE DETAIL: 0-2" WATERFALL	INTEGRAL SINKS MATERIAL: SOLID SURFACE MANUF: CORIAN COLOR: BONE

SURFACE FINISHES CONT.:	
CORNER GUARDS, CHAIR RAILS, & WALL PROTECTION MATERIAL: ACROVYN MANUF: CONSTRUCTION SPECIALTIES, INC. COLOR: 920 ALMOND	PRIVACY CURTAIN MATERIAL: PALLAS TEXTILES MANUF: LIMN COLLECTION COLOR: CAMAIEU PATTERN: CHAI NUMBER: 29.096.011 NOTE: PROVIDE 18" MESH AT TOP OF DRAPE
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GRAPHIC LEGEND



FINISH KEYNOTES:

- EDGE OF FLOORING FINISH, WITH A 56"-9" RADIUS.
- SOLID SURFACE CORIAN.
- PRIVACY CURTAIN.
- DOOR PANELS ON BARN DOOR.
- STONE THRESHOLD PER DETAIL 11D-4
- FLOOR MATERIAL CHANGE @ CENTER OF DOOR.
- MATCH EXISTING FINISH; PATCH, PRIME, PAINT.
- NEW FLOOR FINISH TO BE FLUSH WITH EXISTING FLOOR FINISH.
- REPLACE FLOOR FINISH TO MATCH EXISTING FINISHES.
- CERAMIC TILE FLOOR, CERAMIC TILE COVERED BASE, CERAMIC TILE WALL PROTECTION, PAINTED WALLS, PAINTED CEILING EXISTING FINISHES IN PUBLIC TOILETS TO BE REPLACED TO MATCH EXISTING.

GENERAL NOTES:

- THE GENERAL CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND MEASUREMENTS IN THE FIELD PRIOR TO STARTING CONSTRUCTION.
- REFER TO GENERAL NOTES ON SHEET A0-00 FOR INFORMATION NOT INDICATED ON THIS SHEET.

FINISH PLAN GENERAL NOTES:

- PATCH AND REPAIR FINISHES IN LIKE KIND WHERE AFFECTED BY NEW CONSTRUCTION ON EXISTING BUILDING FINISHES.
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- REFER TO INTERIOR ELEVATIONS AND SHEET A5-80 FOR ALL CASEWORK FINISHES.
- CONTRACTOR SHALL SUBMIT SIX (6) COPIES OF MANUFACTURER'S SPECIFICATIONS AND INSTALLATION INSTRUCTIONS FOR ALL FLOORING, CEMENT LEVELING AND PATCHING MATERIALS. PERFORM STRICTLY IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS. PROVIDE MAINTENANCE INFORMATION TO THE FACILITIES MAINTENANCE DEPARTMENT.
- PATCH AND REPAIR EXISTING SUB FLOOR SLAB AS REQUIRED TO PROVIDE A SMOOTH SURFACE FOR NEW FLOORING PER MANUFACTURER'S INSTALLATION REQUIREMENTS. PROVIDE SELF-LEVELING UNDERLAYMENT CONCRETE.
- FLOORING PREPARATION SHALL BE PERFORMED AS REQUIRED BY THE FLOOR FINISH MANUFACTURER IN A MANNER SUCH THAT THE MANUFACTURER'S PRODUCT WARRANTY WILL REMAIN IN EFFECT. IF FIELD CONDITIONS REQUIRE VARIATIONS FROM MANUFACTURER'S REQUIREMENTS, THE CONTRACTOR SHALL NOTIFY THE FACILITIES MANAGER IN WRITING DTD TO RECEIVE INSTRUCTIONS ON HOW TO PROCEED.
- ALL ADHESIVES FOR FINISH MATERIALS SHALL HAVE LOW VOC EMISSIONS. CONTRACTOR SHALL PROVIDE DIRECT VENTILATION TO PREVENT VOC'S OUT GASSING FROM ADHESIVES FROM ENTERING THE BUILDING HVAC SYSTEM AND AFFECTING THE OCCUPANTS OF THE BUILDING.
- CONTRACTOR TO PROVIDE TRANSITIONS BETWEEN FLOORING MATERIALS PER DETAILS ON SHEET 1D-4. ALL TRANSITIONS LOCATED UNDER DOORS, TO BE CENTERED UNDER DOOR.
- DOOR SWING: CONTRACTOR SHALL INSTALL ALL NEW FLOORING SUCH THAT IT DOES NOT INTERFERE WITH EXISTING DOORS AND SUCH A WAY THAT EXISTING DOORS DO NOT TOUCH THE SURFACE OF NEW FLOORING. ANY PROBLEMATIC DOORS SHALL BE BROUGHT TO THE ATTENTION OF THE FACILITIES CONSTRUCTION REPRESENTATIVE PRIOR TO FLOORING PREPARATION.
- PERFORM CALCIUM CHLORIDE TEST FOR ALL SLAB SUBFLOORS WHERE SLAB IS NEW, OR ALL EXISTING SLAB ON GRADE LOCATIONS. WHERE EXISTING SLAB IS ABOVE GRADE, CONTRACTOR MAY LIMIT TESTING TO AREAS NEAR A SOURCE OF WATER SUCH AS AROUND PLUMBING LINES, SHOWER STALLS, ROOF DRAINS, ETC. WHERE MOISTURE IN THE SLAB EXCEEDS FINISH MATERIAL'S MANUFACTURER'S RECOMMENDATIONS, REFER TO NOTES ABOVE FOR MANUFACTURER'S WARRANTY REQUIREMENTS.
- CONTRACTOR TO INCLUDE ALLOWANCE FOR CONCRETE SLAB SEALER TO BE FURNISHED AND APPLIED UNDER ALL FLOOR FINISHES ON SLAB ON GRADE.
- CONTRACTOR SHALL VERIFY LEAD TIMES FOR ALL FINISH MATERIALS AND SHALL BE RESPONSIBLE TO HAVE ALL MATERIALS ON THE JOB SITE ON TIME. NO SUBSTITUTIONS SHALL BE MADE DUE TO LATE ORDERING OF MATERIALS.
- CONTINUE ALL FLOOR FINISHES UNDER ALL APPLIANCES AND REMOVABLE CABINETS AND EQUIPMENT.

PAINT AND WALL FINISHES:

15. PAINT FINISHES (SHEEN) AS FOLLOWS:
 A. WALLS: EGGSHELL SHEEN
 a. EXCEPTIONS SEMI GLOSS SHEEN AT: TOILETS PUBLIC AND LABS, FOOD SERVICE AREAS, TRASH AND UTILITY ROOMS.
 B. PAINTED DOORS & FRAMES: SEMI GLOSS
 C. CEILING AND SOFFITS: FLAT

NOTE: REFER TO ARCHITECTURAL ELEVATIONS WHERE FOR LOCATIONS WHERE EPOXY PAINT IS REQUIRED.

- SUBMIT ALL FINISH SAMPLES TO ARCHITECT FOR APPROVAL, INCLUDING DRAW DOWNS OF ALL PAINT COLORS IN ALL FINISH TYPES AS USED.
- PAINT ALL ACCESS PANELS TO MATCH ADJ. WALL SURFACE.
- PLASTER FINISH SHALL BE LEVEL FOR WHERE A PAINTED FINISH SURFACE IS SHOWN.

RESILIENT FLOORING:

- ALL RESILIENT FLOORING INSTALLATIONS SHALL BE COMPLETED TO THE POINT READY FOR THE FIRST DAY OF USE AND IN AS NEW CONDITION, CLEAN CONSTRUCTION DUST AND DEBRY, DAMP MOP AND APPLY A SEALER OR WAX PER MANUFACTURER'S RECOMMENDATIONS FOR THE PRODUCT. FLOORING CONTRACTOR TO PROVIDE THE PRODUCT SPECIFICATION AND A RECOMMENDED REAPPLICATION TIME FOR THE SEALER OR WAX TO THE FACILITIES MAINTENANCE OFFICE.
- ALL SHEET GOODS OF RESILIENT FLOORING SHALL BE INSTALLED USING HEAT WELD SEAMS. WELDING RODS SHALL MATCH THE COLOR OF THE FLOORING MATERIAL UNLESS OTHERWISE NOTED ON THE FINISH PLAN OR LEGEND.

CASEWORK AND MILL WORK:

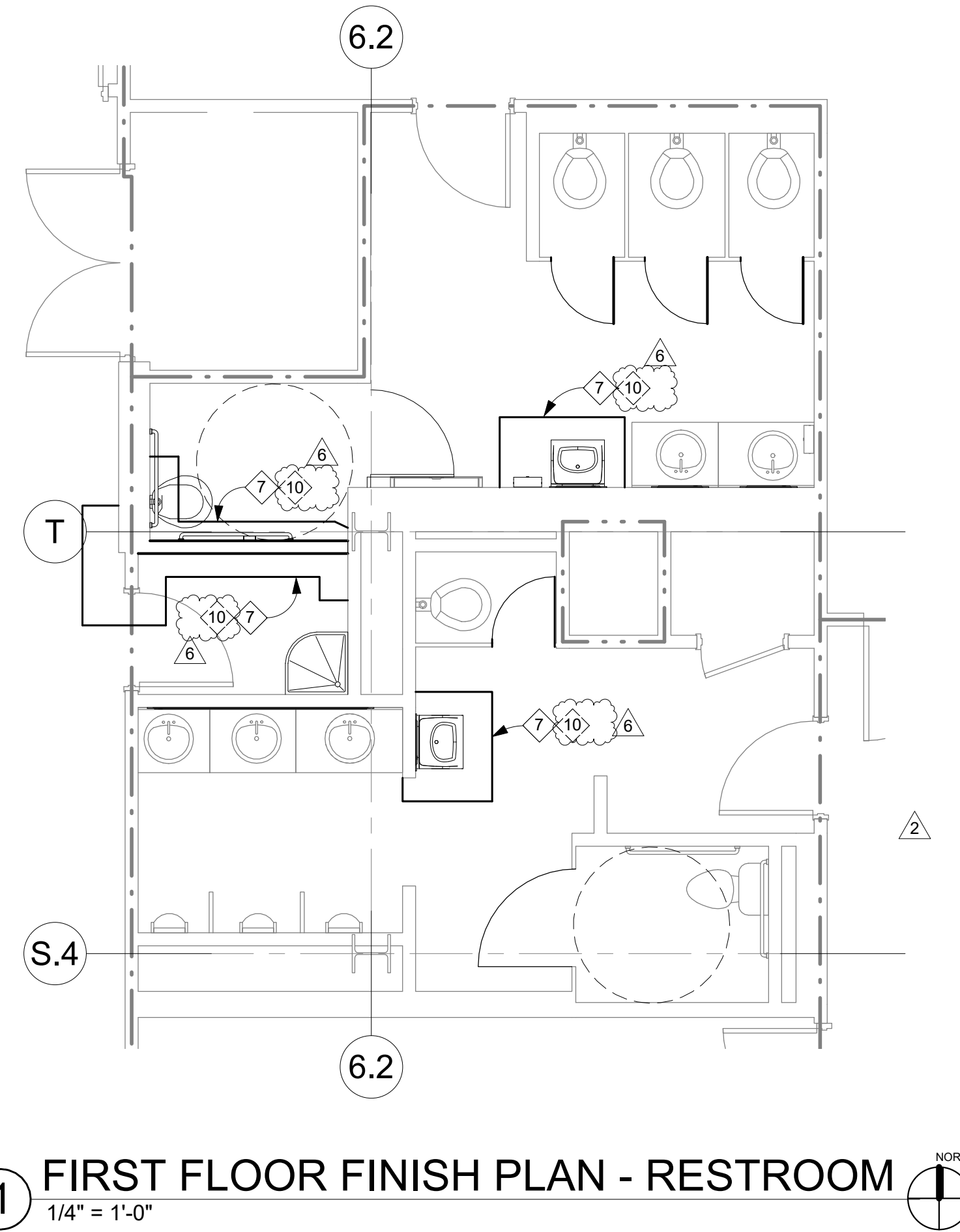
- ALL CASEWORK AND MILL WORK TO CONFORM TO THE REQUIREMENTS OF THE LATEST EDITION OF W.I.C. FOR CUSTOM GRADE.
- WOOD SAMPLES PROVIDED TO THE CONTRACTOR ARE FOR COLOR ONLY. CONTRACTOR TO SUBMIT SAMPLES FOR ALL WOOD FINISHES FOR APPROVAL AND VERIFY SHEEN OF FINISH FOR ALL LOCATIONS OF STAINED WOOD FINISH. SUBMITTALS SHALL INCLUDE INFORMATION ON THE SPECIES OF WOOD USED, VENEER MATCHING PROPOSED AND CLEAR FINISH PROPOSED OVER THE STAIN.
- SHOP DRAWINGS SHALL BE SUBMITTED FOR ALL CASEWORK AND MILL WORK.

FLAME SPREAD:

- FLAME SPREAD OF FINISH MATERIALS: WALL, FLOOR AND CEILING SHALL NOT EXCEED THE FLAME SPREAD CLASSIFICATIONS IN CBC TABLE 803.13

CARPET:

- CONTRACTOR TO SUPPLY 5% OVERAGE FOR "STOCK"



LEGEND: INTERIOR FINISHES

WALL FINISHES:

PT-1
MATERIAL: PORCELAIN TILE
MANUF: DAL TILE
STYLE: FLORENTINE
COLOR: #F07 MARFIL
SIZE: 12" x 12"
GROUT: CBP Fusion Pro - COLOR #122 LINEN
LAYOUT: RUNNING BOND
EDGING: USE SHLUTER DILEX-AHK COVE TRIM AT WALL-TO-FLOOR INTERSECTION MINIMIZE GROUT JOINT

PT-2
MATERIAL: PORCELAIN TILE
MANUF: DAL TILE
STYLE: SANTINO COLORBODY PORCELAIN
COLOR: #SN06 BIANCA
SIZE: 12" x 24"
GROUT: CBP Fusion Pro - Color #122 LINEN
LAYOUT: RUNNING BOND
EDGING: USE SHLUTER QUADEC TRIM AT OUTSIDE CORNERS
TRIM: 4" x 18" BULLNOSE AT TOP OF WAINSCOT; 6" x 24" AT BASE OF WALL MINIMIZE GROUT JOINT

WALL FINISHES CONT.:

PL-1
MATERIAL: PLASTIC LAMINATE
MANUF: WILSONART
COLOR: #79298-38 HUNTINGTON MAPLE
FINISH: FINE VELVET TEXTURE

P-1
MATERIAL: PAINT - WALLS
MANUF: SHERWIN WILLIAMS (MATCH FRAZEE COLOR LIFE)
COLOR: #2661 STALISBURY
FINISH: EGGSHELL

P-2
MATERIAL: PAINT - ACCENT WALLS
MANUF: SHERWIN WILLIAMS
COLOR: #SW 7507 STONE LION
FINISH: EGGSHELL

CEILING FINISHES:

C-1
MATERIAL: PAINT - CEILINGS
MANUF: SHERWIN WILLIAMS
COLOR: #SW 7004 SNOWBOUND
FINISH: EGGSHELL

FLOOR FINISHES:

CPT-1
MATERIAL: CARPET-MODULAR TILE
MANUF: MANNINGTON
STYLE: TSN
COLOR: #15121 FUDGE BROWNIE
SIZE: 24" x 24"

FLOOR FINISHES CONT.:

LVT-1:
MATERIAL: LUXURY VINYL TILE
MANUF: MANNINGTON
STYLE: NATURE'S PATH
COLOR: HERITAGE CHERRY - NATURAL
SIZE: 6" x 36"

LVT-2:
MATERIAL: LUXURY VINYL TILE
MANUF: MANNINGTON
STYLE: AMTICO SIGNATURE STONE
COLOR: RIVERSTONE TUNDRA AROSRS40
SIZE: 18" x 18"

SV-1:
MATERIAL: HOMOGENEOUS SHEET VINYL
MANUF: MANNINGTON
STYLE: BIOSPEC
COLOR: #15357 CHERRYWOOD
SEAM'G: HEAT WELD

FLOOR FINISHES CONT.:

B-1
MATERIAL: 6" RUBBER BASE
MANUF: BURKE
COLOR: #503 GINGER
SEAM'G: HEAT WELD

SURFACE FINISHES:

COUNTER TOPS & BENCHES
MATERIAL: SOLID SURFACE
MANUF: CORIAN
COLOR: WITCH HAZEL
EDGE DETAIL: 0'-2" WATERFALL

INTEGRAL SINKS
MATERIAL: SOLID SURFACE
MANUF: CORIAN
COLOR: BONE

SURFACE FINISHES CONT.:

CORNER GUARDS, CHAIR RAILS, & WALL PROTECTION
MATERIAL: ACROVYN
MANUF: CONSTRUCTION SPECIALTIES, INC.
COLOR: 920 ALMOND

PRIVACY CURTAIN
MANUF: PALLAS TEXTILES
STYLE: LIMN COLLECTION
PATTERN: CAMAIEU
COLOR: CHA
NUMBER: 29.096.011
NOTE: PROVIDE 18" MESH AT TOP OF DRAPE

PANELS AT BARN DOORS
MANUF: 3-FORM
STYLE: VARIA
PATTERN: BANANA FIBER (DARK)
COLOR: STUCCO F06
FINISH: WHITE OUT 5%
NUMBER: 29.096.011
NOTE: LOCATE PATTERN TOWARD SUB-WAITING ROOM SIDE.

CONCRETE PADS - PAINTED WITH EPOXY

P-3
PREPARATION: SSPC-SP13/NACE or ICRI No. 310.2, CSP 1-3
FIRST COAT: SHERWIN WILLIAMS ARMORSEAL 33 EPOXY 8.0 MILS DFT PERIMETER/SEALER
SECOND COAT: SHERWIN WILLIAMS ARMORSEAL 1000 HS EPOXY MINIMUM 3.0 MILS, MAXIMUM 5.0 MILS DFT
THIRD COAT: SHERWIN WILLIAMS ARMORSEAL 1000 HS EPOXY MINIMUM 3.0 MILS, MAXIMUM 5.0 MILS DFT

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 F: 619-299-5084
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TCMC MRI

Tri-City Medical Center
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 OCEANSIDE CA, 92056

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ARCHITECT: SFEIR ARCHITECTS
 5151 SHOREHAM PL SUITE 265
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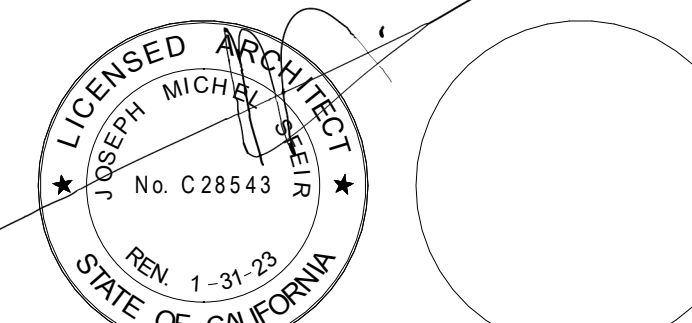
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 5550 BALTIMORE DRIVE, SUITE 100
 LA MESA, CA 91942
 TEL:(858)457-3001

MECHANICAL & PLUMBING: SC ENGINEERS, INC.
 17075 VIA DEL CAMPO
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ELECTRICAL: AG DESIGN, INC.
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SHIELDING: MRI SHIELDING CORPORATION
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 COSTA MESA, CA 92626
 TEL:(714)545-7700

INTERIORS: ISLEY DESIGN & PLANNING
 1982 PALSERO AVENUE
 ESCONDIDO, CA 92029
 TEL:(760)484-0455



REV	DESCRIPTION	DATE
1	OSHPD COMMENTS	8/3/2020
2	DESIGN CHANGES	8/10/2020
3	OSHPD COMMENTS	10/2/2020
4	OSHPD COMMENTS	11/24/2020
5	DESIGN CHANGES	11/24/2020
6	ACD 0001 DESIGN CHANGES	4/14/2021

REV: DESCRIPTION DATE

OSHPD APPROVAL STAMP:
 OSHPD #: S200813-37-00-ACD0001

SHEET TITLE:
1/4" PARTIAL FLOOR PLAN

PROJECT TITLE:
TCMC MRI

PROJECT #:
 01907.01

DRAWN BY:
 Author

CHECKED BY:
 Checker

SCALE:
 PER TITLE

DATE:
 3/11/2020

TCMC MRI

Tri-City Medical Center
4002 VISTA WAY
OCEANSIDE CA, 92056

OWNER: TRI-CITY MEDICAL CENTER
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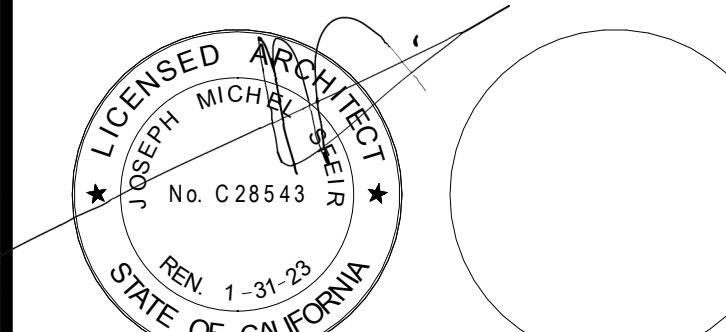
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6	ACD 0001 DESIGN CHANGES	4/14/2021

REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

FINISH DETAILS

PROJECT TITLE:
TCMC MRI

PROJECT #:
01907.01

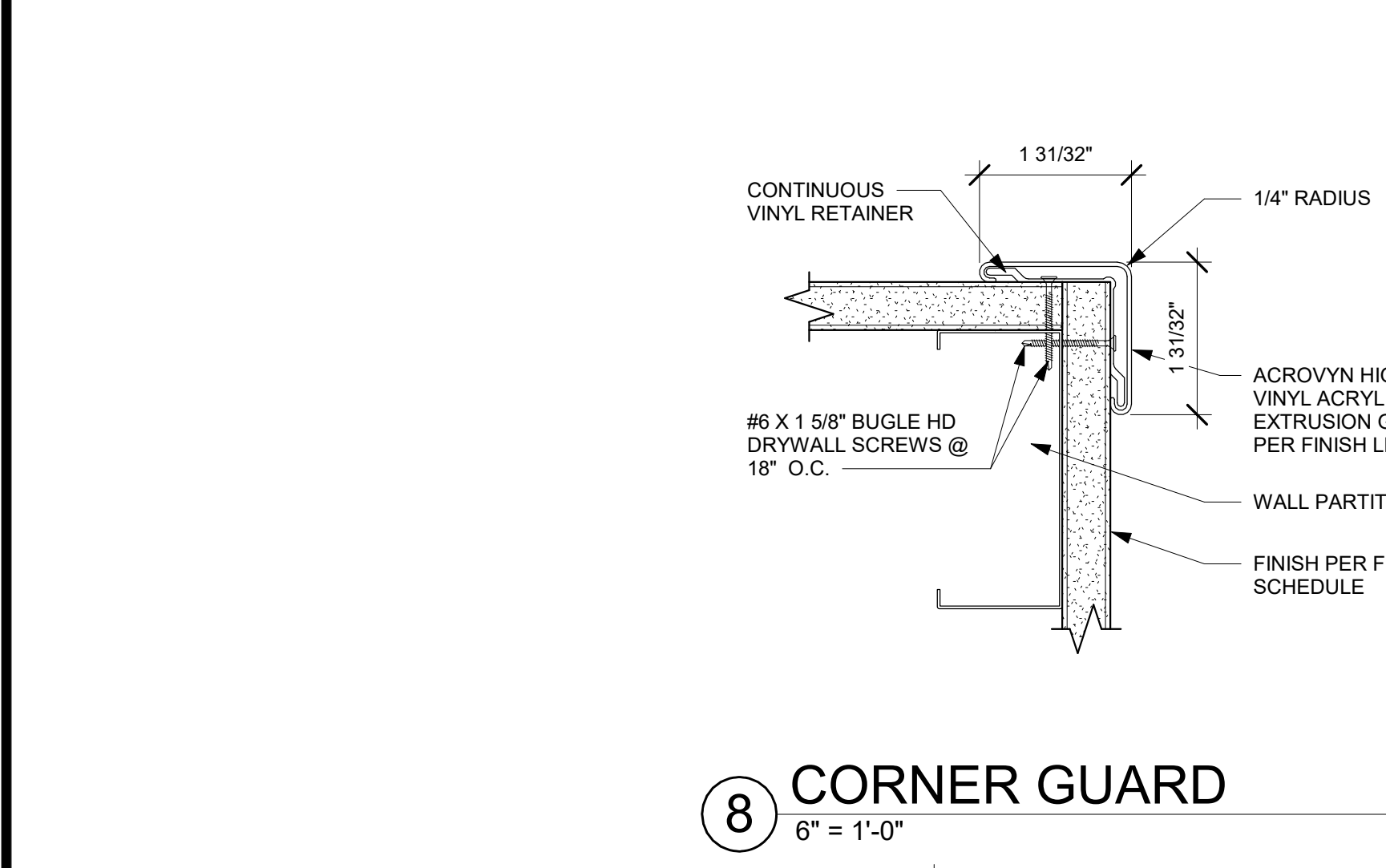
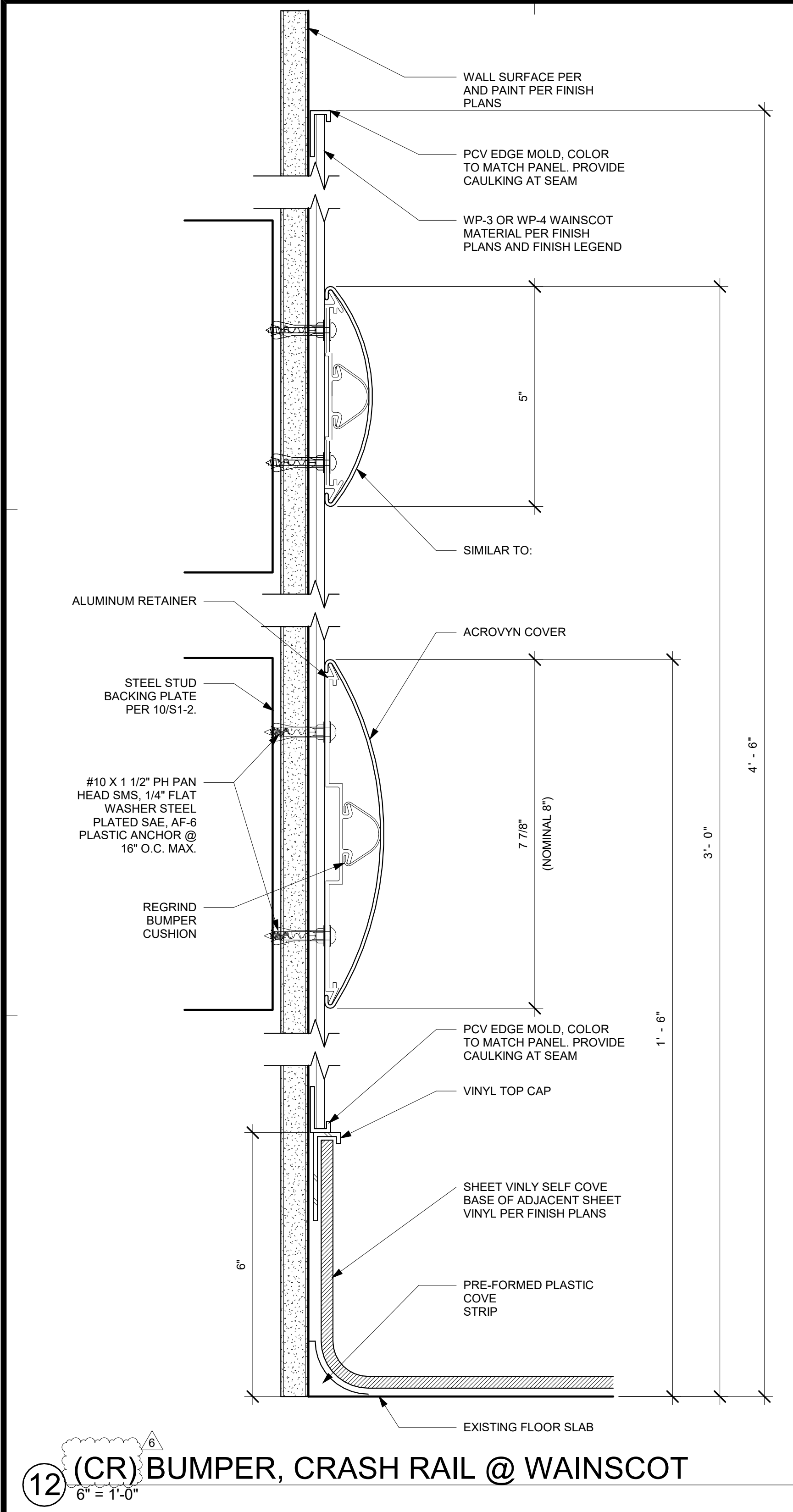
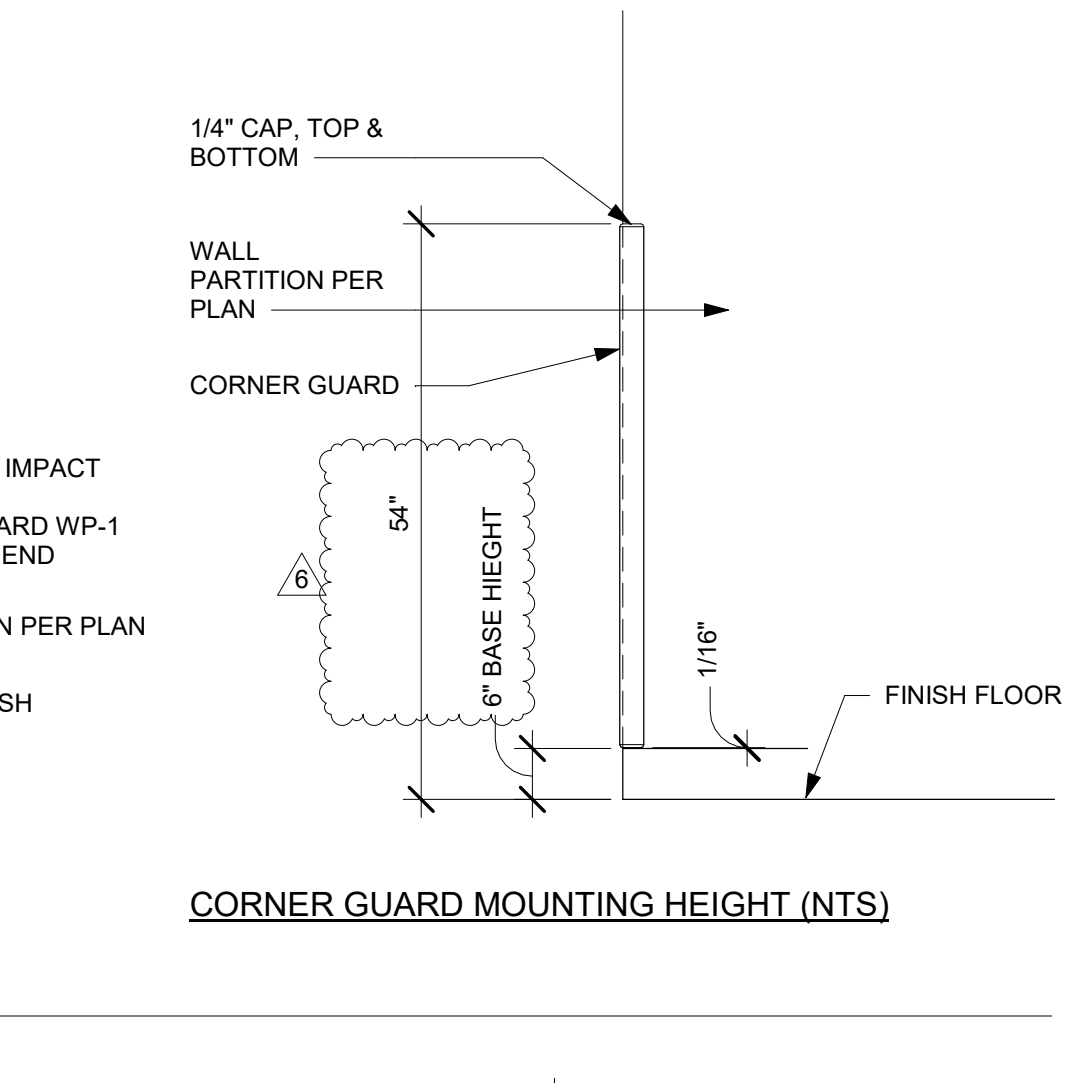
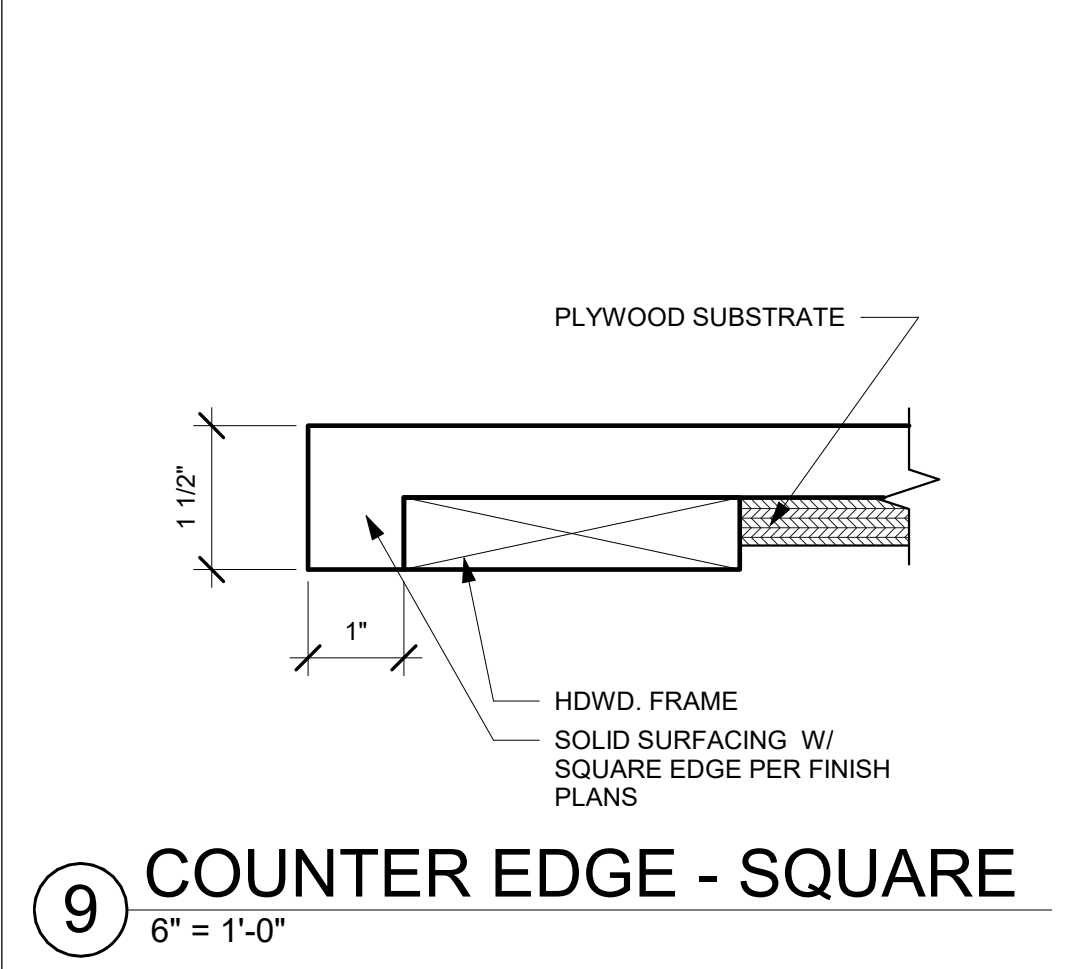
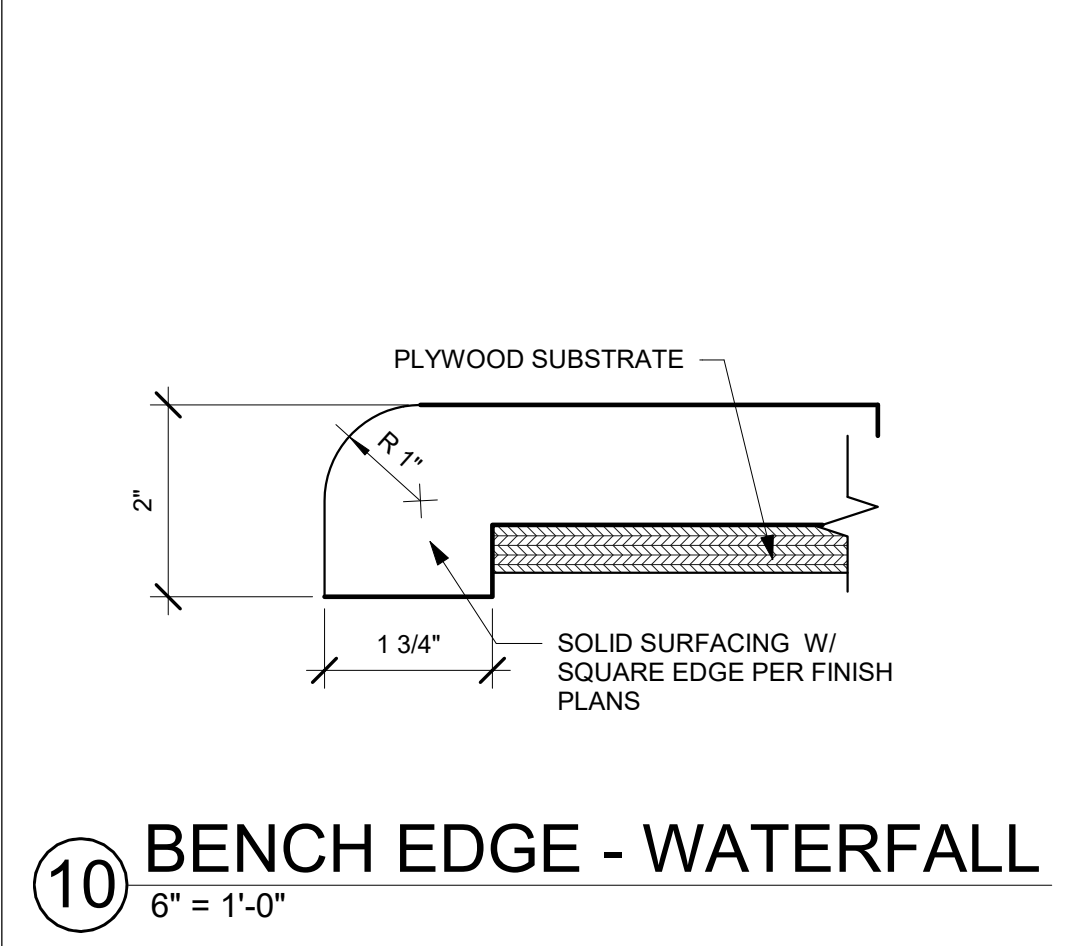
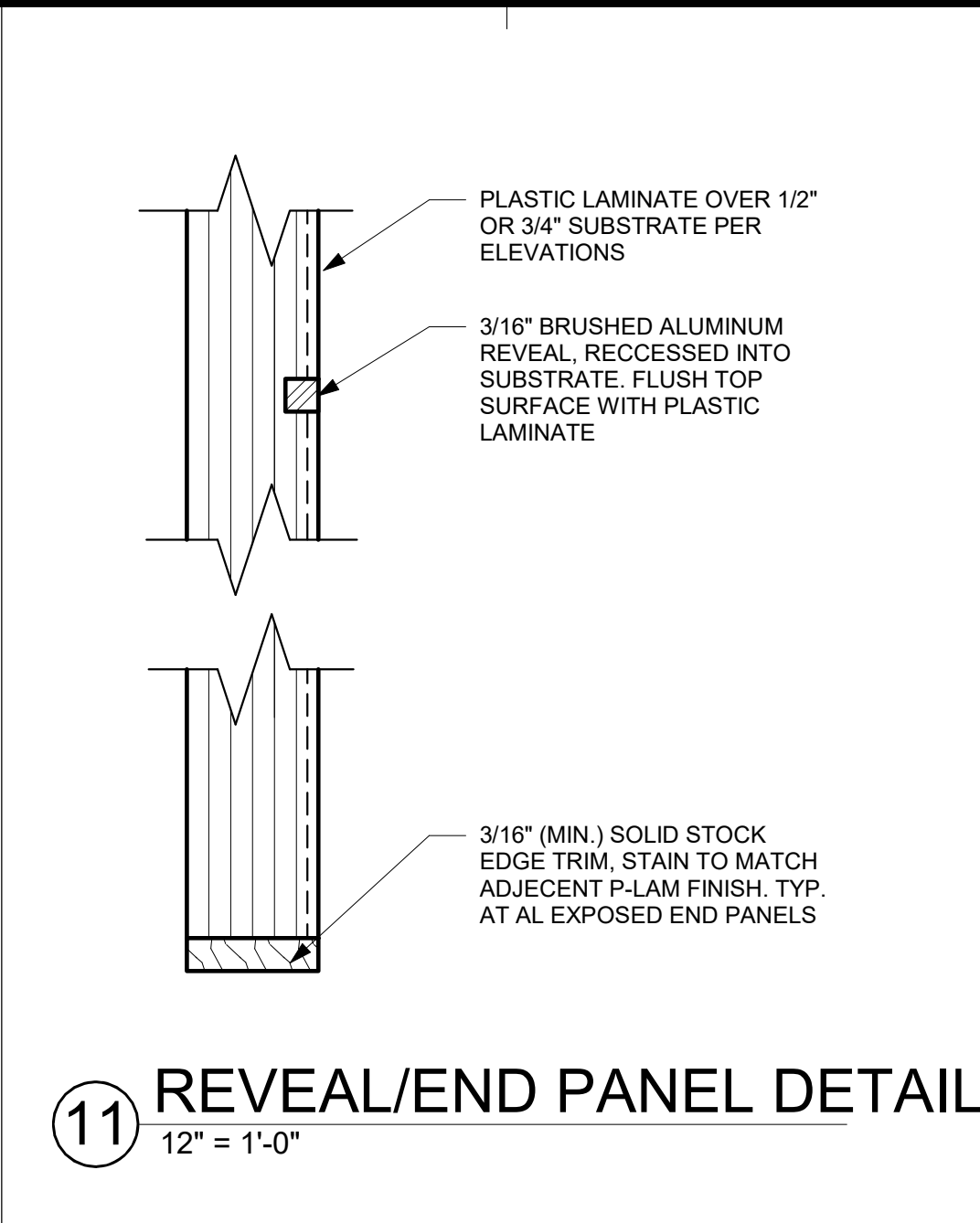
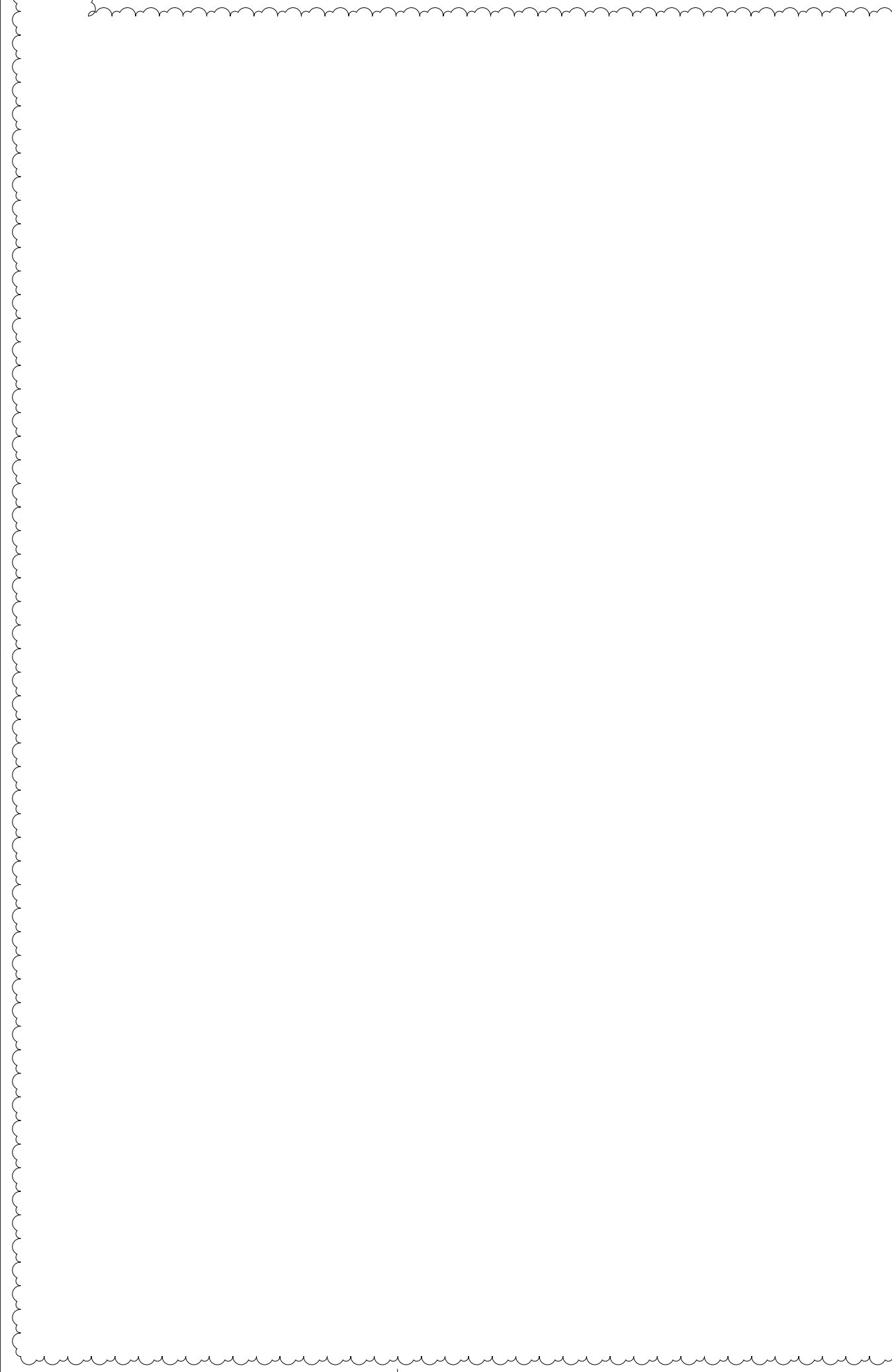
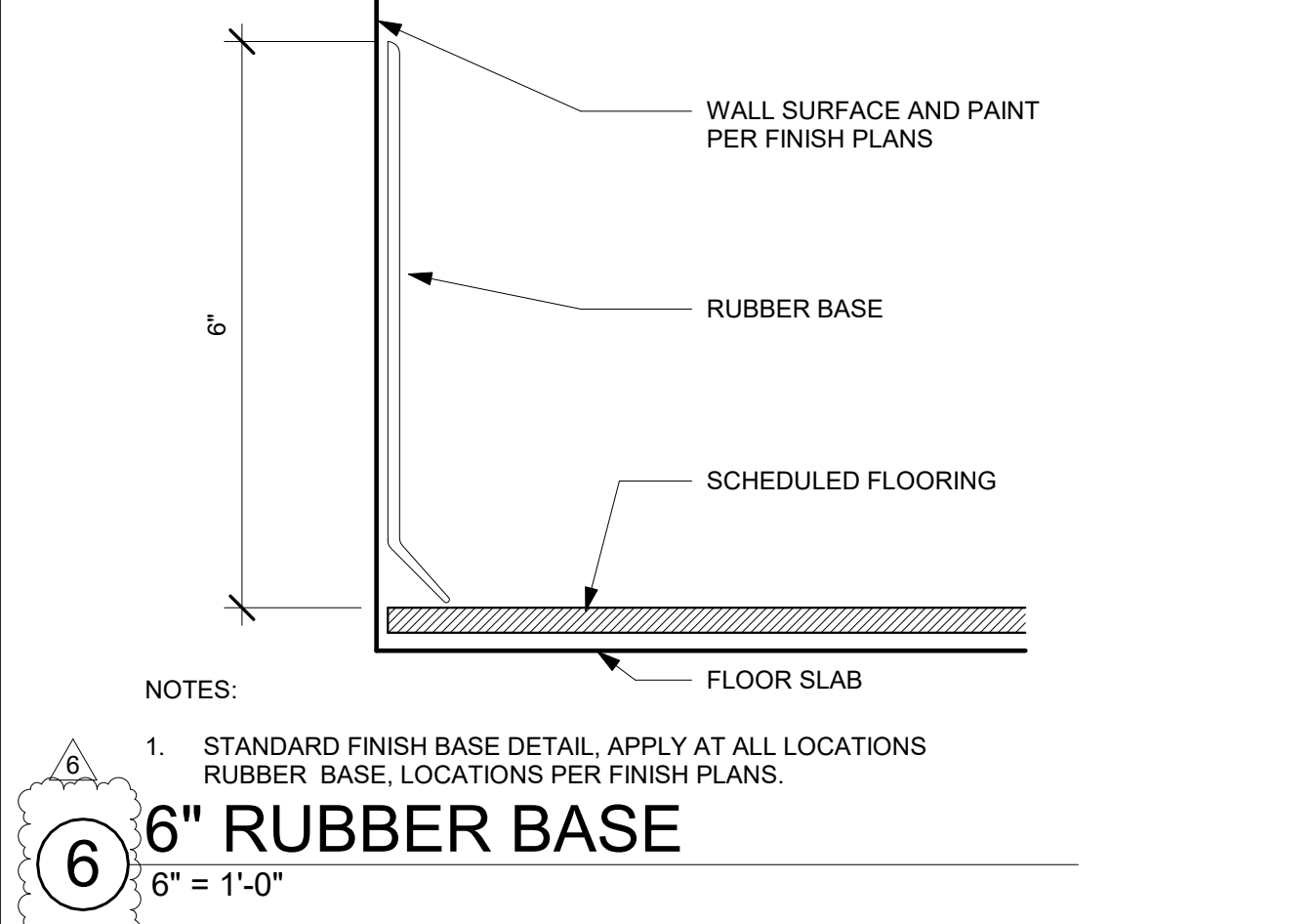
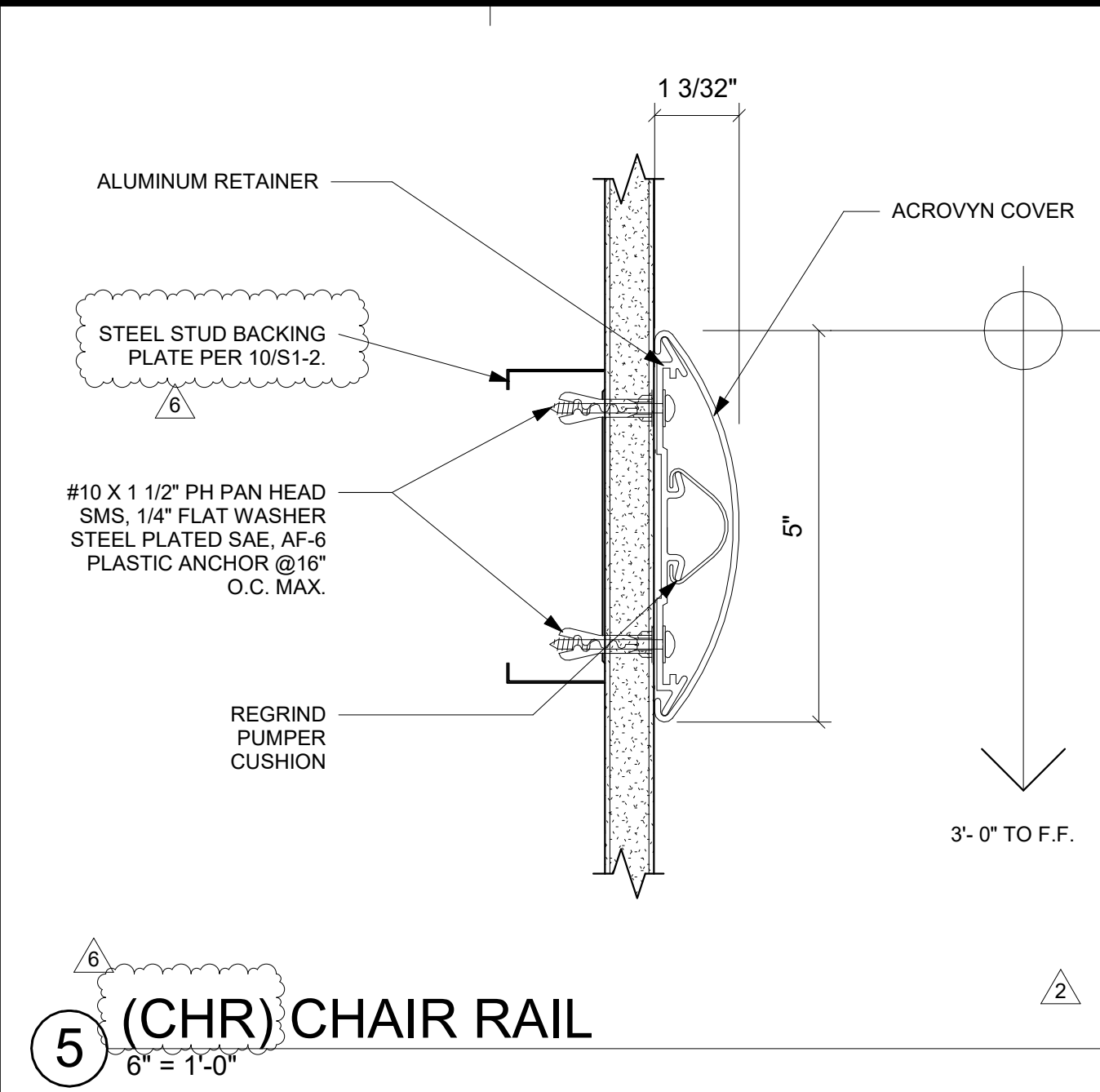
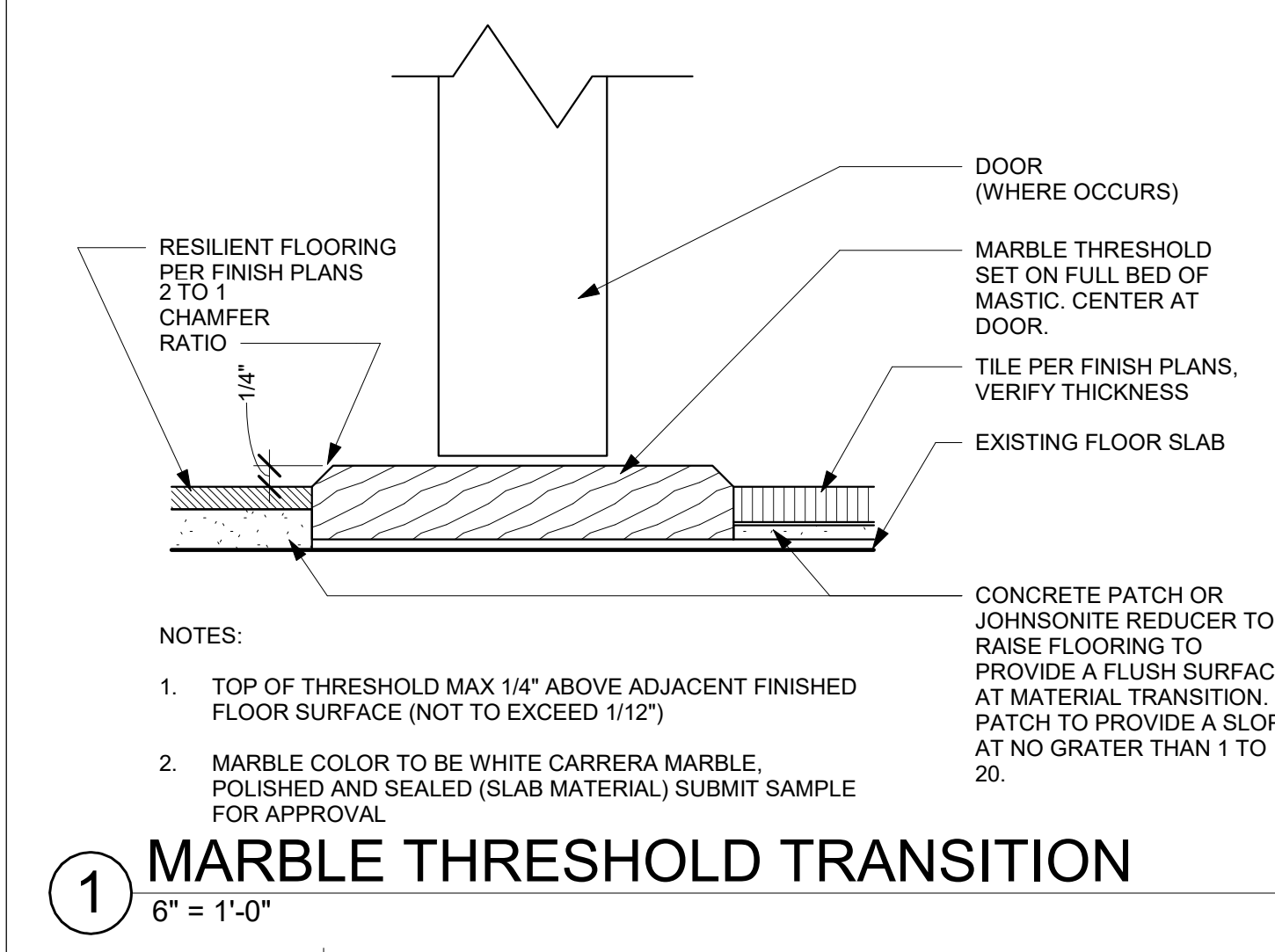
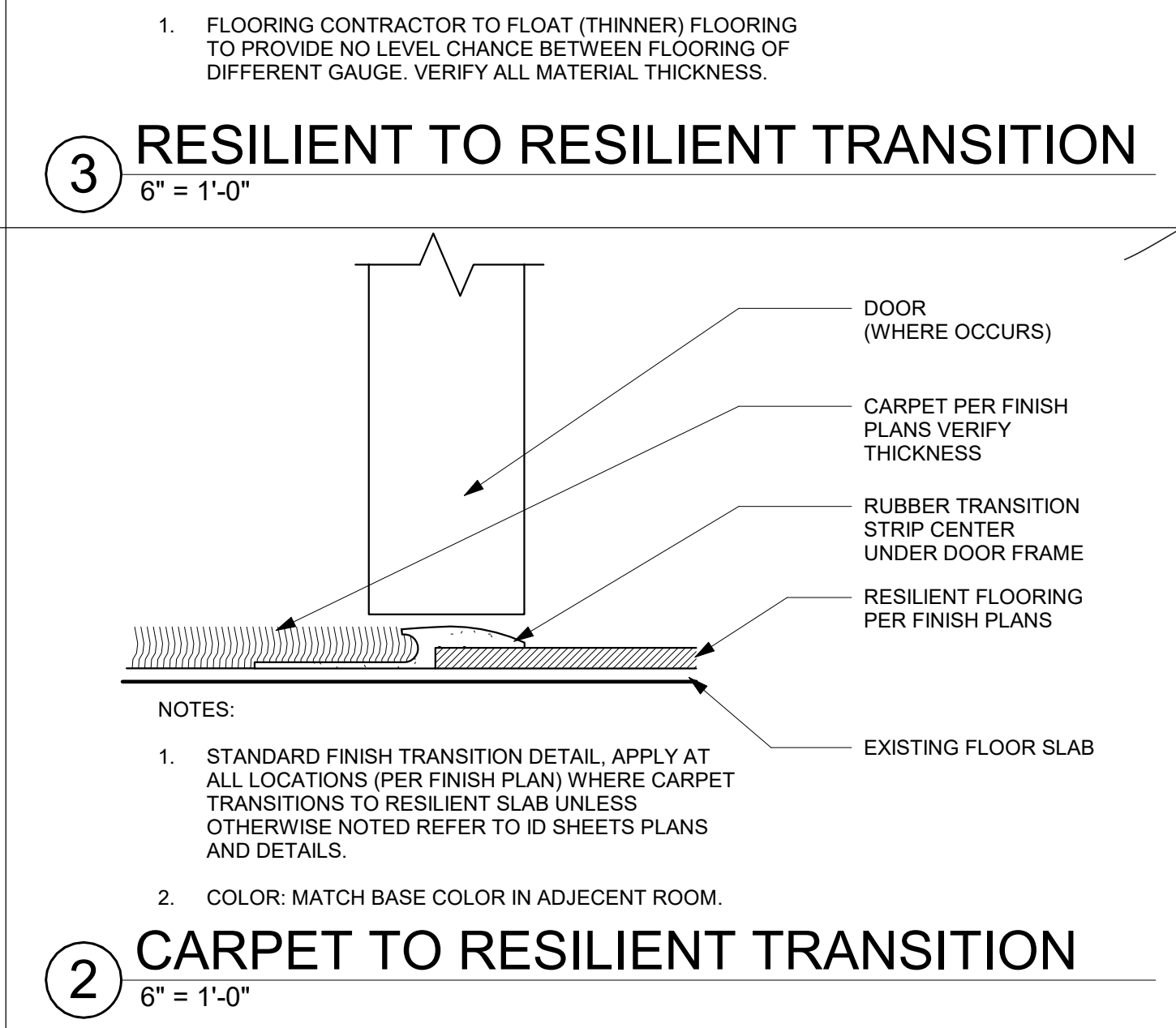
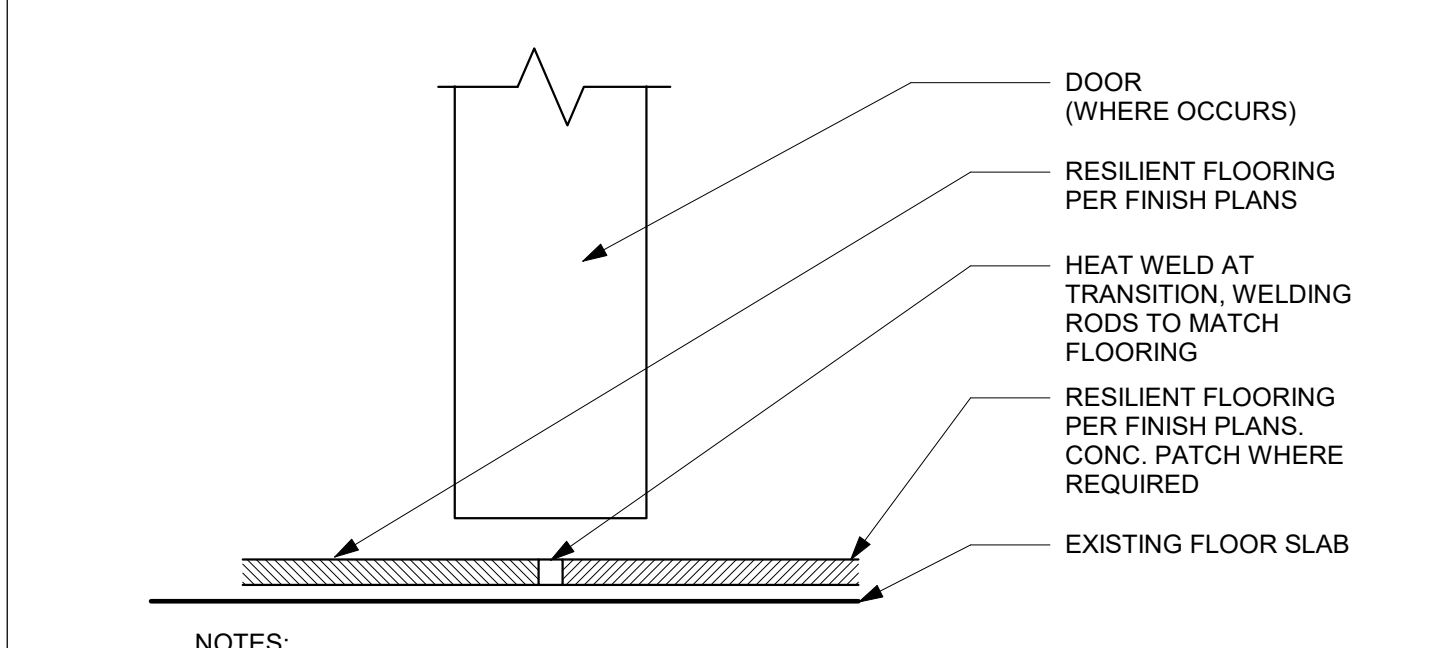
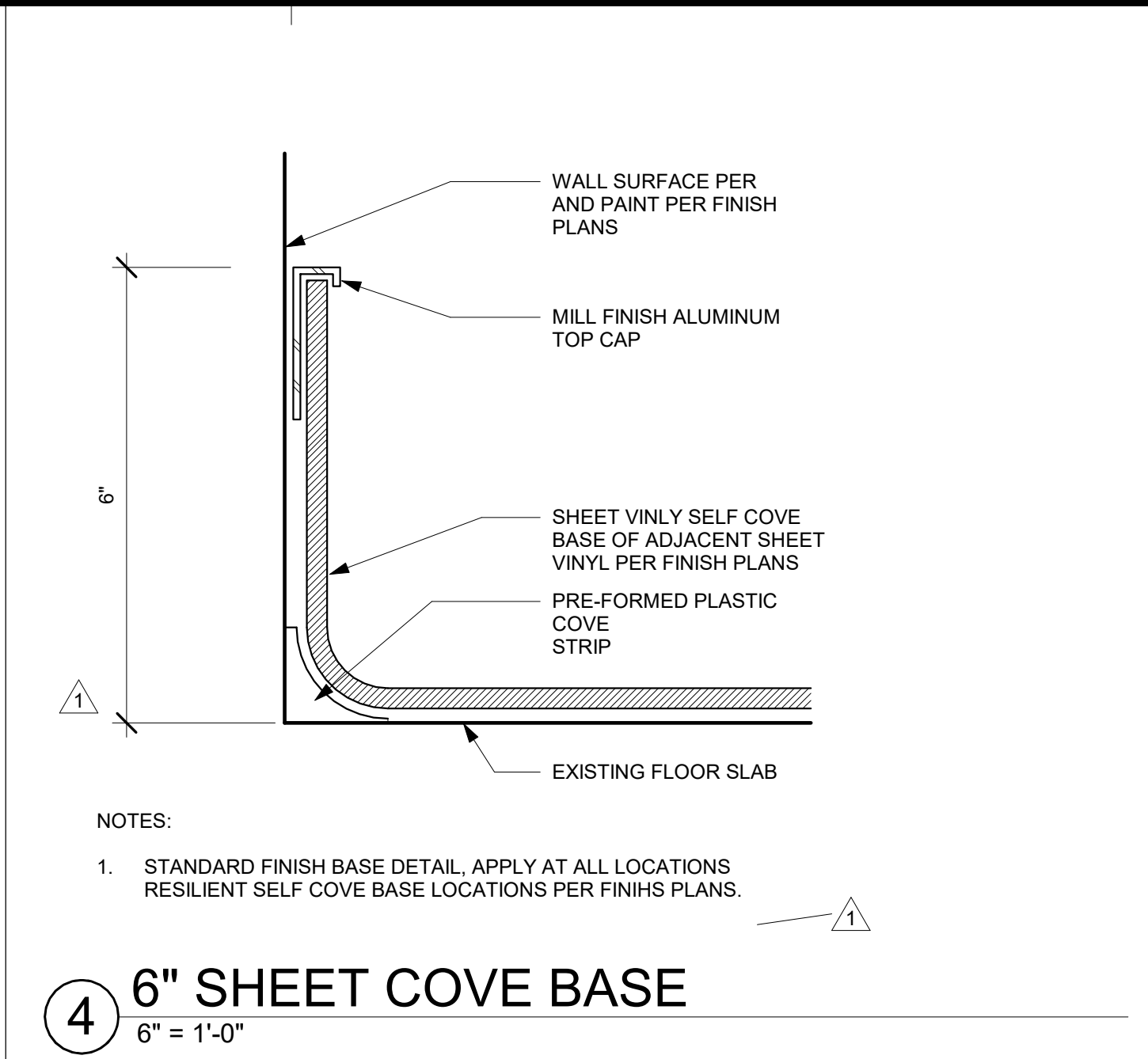
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3/11/2020

ID-04



POST-INSTALLED ANCHORS

UNLESS OTHERWISE NOTED ON THE DRAWINGS, THE FOLLOWING APPLIES TO ALL POST-INSTALLED ANCHORAGE INTO HARDENED CONCRETE OR MASONRY WHICH INCLUDES TYPES SUCH AS EXPANSION WEDGE, SLEEVE, ADHESIVE/EPOXY, SHOT-PIN, SCREW AND UNDERCUT.

- INSTALL PER THE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS (MPI) EXCEPT AS OTHERWISE STATED IN THE SPECIFIED PRODUCT REPORTS. USE INSTALLATION PROCEDURES FOR CRACKED CONCRETE CONDITIONS. DO NOT USE CORE DRILL BITS FOR ANCHOR HOLES WITHOUT PRIOR EOR APPROVAL. COPIES OF INSTALLATION INSTRUCTIONS SHALL BE MAINTAINED ON SITE.
- CLEAN OUT ANCHOR HOLES AND SET ANCHORS PER THE PRODUCT'S ICC REPORT FOR THE APPROPRIATE CONDITIONS. INSTALL UNDER SUPERVISION OF THE SPECIAL INSPECTOR WHERE REQUIRED.
- PROVIDE GALVANIZED CARBON STEEL ANCHORS AT DRY INTERIOR LOCATIONS AND STAINLESS STEEL TYPE 304 OR 316 AT EXTERIOR / DAMP INTERIOR LOCATIONS. REINFORCEMENT BARS TO RECEIVE CONCRETE COVER MAY BE UNCOATED. ANCHORS SHALL BE CLEAN AND FREE OF DEBONDING SUBSTANCES.
- EMBEDMENT REFERS TO THE FINAL INSTALLED EFFECTIVE DEPTH "H" AS DEFINED IN THE PRODUCT REPORT. REQUIRED ANCHOR HOLE DEPTH FOR INSTALLATION MAY BE DEEPER. UNO.
- MAINTAIN A MINIMUM OF 2 INCHES FROM EXISTING REINFORCEMENT, CONDUIT, POST-TENSIONING (WHERE OCCURS), ETC. PRIOR TO DRILLING, CORING OR SHOOTING PINS INTO EXISTING CONCRETE OR MASONRY. USE NON DESTRUCTIVE TESTING TO LOCATE SUCH ITEMS. FOR INSTALLATION DEEPER THAN 3 INCHES USE GROUND PENETRATING RADAR OR X-RAY METHODS.
- WHEN THE FULL ANCHOR EMBEDMENT DEPTH, SPACING OR EDGE DISTANCE CANNOT BE OBTAINED, NOTIFY THE EOR AND IOR.
- FILL ABANDONED HOLES WITH EPOXY AND PATCH SPALLS USING NON-SHRINK GROUT AND REPAIR FINISHES AS REQUIRED. CLEAR DISTANCE BETWEEN NEW HOLES AND ABANDONED HOLES SHALL BE 2" OR TWO ANCHOR DIAMETERS, WHICHEVER IS GREATER, UNLESS OTHERWISE SPECIFIED BY EOR. ANCHORS PENETRATING THROUGH WATERPROOFING OR VAPOR MEMBRANES SHALL BE SEALED OR FLASHED.
- INSTALL IN DRY CONCRETE OR MASONRY HAVING A MINIMUM AGE OF 21 DAYS.
- ADHESIVE/EPOXY ANCHORS ON THIS PROJECT ARE NOT DESIGNED TO SUPPORT OR INTENDED TO RESIST SUSTAINED TENSION LOADS UNLESS NOTED OTHERWISE.
- TEST LOADS, UNO.

ANCHOR TYPE	SIZE (IN)	LOAD (LBS)	TORQUE (FT.LBS)	NOTES
TITEN HD (CONCRETE)	1/4"Ø		24	
TITEN HD (CONCRETE)	3/8"Ø		50	
KB-TZ (CONCRETE)	1/2"Ø	-	40	-
STRONG-BOLT 2 (CONCRETE)	1/2"Ø	-	60	-
SET-XP (CONCRETE)	#5 BAR	6310	-	6" MIN EMBED, EDGE DISTANCE ≥ 9"
	#6 BAR	3550	-	6" MIN EMBED, 3" MIN EDGE DISTANCE

STRUCTURAL SUBMITTALS

- REVIEW OF SHOP DRAWINGS AND SUBMITTALS BY THE EOR IS FOR GENERAL COMPLIANCE WITH THE CONTRACT DOCUMENTS.
- SHOP DRAWINGS SHALL BE SUBMITTED TO THE EOR FOR REVIEW PRIOR TO FABRICATION. THE CONTRACTOR WILL REMAIN RESPONSIBLE FOR ALL ERRORS OF DETAILING, FABRICATION, AND FOR CORRECT FITTING OF ALL STRUCTURAL MEMBERS INCLUDING COORDINATION WITH OTHER TRADES.
 - SHOP DRAWINGS SHALL BE SUBMITTED TO THE EOR (ALLOW FOR A REVIEW DURATION OF 10 BUSINESS DAYS), AND SHALL CONSIST OF ELECTRONIC FILES.
 - EOOR WILL RETURN THE REPRODUCIBLE SET CLEARLY MARKED WITH COMMENTS. ANY REQUIRED RECORD SET COPIES SHALL BE MADE FROM THIS RETURNED SET.
 - REPRODUCTION OF STRUCTURAL PLANS & DETAILS FOR SHOP DRAWINGS IS PROHIBITED. SUBCONTRACTOR/FABRICATOR IS TO PROVIDE INDEPENDENTLY CREATED DRAWINGS BASED ON THE STRUCTURAL PLANS AND DETAILS. SHOP DRAWINGS THAT ARE REPRODUCTIONS OF STRUCTURAL DRAWINGS WILL NOT BE REVIEWED.
- SHOP DRAWINGS AND SUBMITTALS DO NOT CONSTITUTE CHANGE ORDERS. ANY PROPOSED CHANGES TO THE STRUCTURAL DOCUMENTS MUST BE SUBMITTED IN WRITING AS A REQUEST FOR SUBSTITUTION TO THE ARCHITECT AND EOR FOR APPROVAL.
- EACH CONTRACTOR RESPONSIBLE FOR THE CONSTRUCTION OF A MAIN WIND- OR SEISMIC-FORCE-RESISTING SYSTEM, DESIGNATED SEISMIC SYSTEM OR A WIND- OR SEISMIC-RESISTING COMPONENT LISTED IN THE STATEMENT OF SPECIAL INSPECTIONS SHALL SUBMIT A WRITTEN STATEMENT OF RESPONSIBILITY TO THE BUILDING OFFICIAL AND THE OWNER PRIOR TO THE COMMENCEMENT OF WORK ON THE SYSTEM OR COMPONENT. THE CONTRACTOR'S STATEMENT OF RESPONSIBILITY SHALL CONTAIN ACKNOWLEDGEMENT OF AWARENESS OF THE SPECIAL REQUIREMENTS CONTAINED IN THE STATEMENT OF SPECIAL INSPECTION.
- THE FOLLOWING LIST SUMMARIZES REQUIRED STRUCTURAL SUBMITTALS FOR THIS PROJECT. REFER TO THE SPECIFICATIONS FOR A COMPLETE LIST AND ADDITIONAL REQUIREMENTS.

CONCRETE REINFORCEMENT

REQD: MANUFACTURER'S PRODUCT DATA, SPECIFICATIONS AND INSTALLATION PROCEDURES FOR PROPRIETARY MATERIALS AND REINFORCEMENT
 REQD: STEEL PRODUCER'S CERTIFICATES OF MILL ANALYSIS, TENSILE AND BEND TESTS
 REQD: SHOP DRAWINGS FOR FABRICATION, BENDING AND PLACEMENT

CAST-IN-PLACE CONCRETE

REQD: DESIGN MIX FOR EACH CONCRETE MIX.
 SPECIAL INSPECTOR SHALL REVIEW MIX DESIGNS.
 SEOR SHALL REVIEW AND ACCEPT MIX DESIGNS.
 REQD: MATERIAL TEST REPORTS
 REQD: MATERIAL CERTIFICATES FOR CEMENT, AGGREGATES AND ADMIXTURES
 NOT REQD: MANUFACTURER'S PRODUCT DATA FOR WATERSTOPS, BONDING AGENTS, VAPOR RETARDERS, JOINT FILLER, CURING MATERIALS AND FLOOR TREATMENTS
 REQD: SHOP DRAWINGS FOR PROPOSED LOCATIONS OF ADDITIONAL CONSTRUCTION OR CONTROL JOINTS NOT SHOWN ON THE STRUCTURAL PLANS
 REQD: MINUTES FROM PREINSTALLATION CONFERENCE

STRUCTURAL STEEL

REQD: MANUFACTURER'S MILL CERTIFICATES
 REQD: MILL TEST REPORTS
 REQD: SHOP DRAWINGS FOR FABRICATION AND ASSEMBLY OF MEMBERS
 REQD: ERECTION PLAN SEQUENCE AND PROCEDURES
 REQD: WELDING PROCEDURE SPECIFICATIONS (WPS)
 REQD: CERTIFICATES FOR ALL WELDERS VERIFYING CURRENT AWS QUALIFICATIONS
 REQD: TEST REPORTS FOR SHOP AND FIELD WELDED AND BOLTED CONNECTIONS

STEEL DECK

REQD: SHOP DRAWINGS INDICATING TYPE, LAYOUT, DETAILS, AND OPENINGS LARGER THAN 1'-0"

STRUCTURAL CONCRETE

- CONCRETE SHALL BE MIXED, PLACED AND CURED IN ACCORDANCE WITH ACI 318 AND ACI 301 LATEST EDITION, AND PROJECT SPECIFICATIONS.
- CONCRETE SHALL NOT BE DROPPED THROUGH REINFORCING STEEL (AS IN WALLS) SO AS TO CAUSE SEGREGATION OF AGGREGATES. IN SUCH CASES, HOPPERS AND VERTICAL CHUTES OR TRUNKS SHALL BE USED. CHUTES OR TRUNKS SHALL BE OF VARIABLE LENGTHS SO THAT FREE UNCONFINED FALL OF CONCRETE SHALL NOT EXCEED SIX FEET. A SUFFICIENT NUMBER OF CHUTES OR TRUNKS SHALL BE USED TO ENSURE THE CONCRETE IS KEPT LEVEL AT ALL TIMES.
- CONSTRUCTION JOINTS SHALL BE CLEANED AND ROUGHENED BY REMOVING THE ENTIRE SURFACE TO EXPOSE CLEAN AGGREGATE SOLIDLY EMBEDDED IN THE MORTAR MATRIX. SEE PLANS AND DETAILS FOR LOCATION AND TYPE OF CONSTRUCTION JOINT. LOCATIONS OF ADDITIONAL CONSTRUCTION JOINTS NOT SHOWN ON THESE PLANS SHALL BE SUBMITTED FOR APPROVAL TO THE EOR PRIOR TO PLACING ANY CONCRETE.
- STRUCTURAL CONCRETE SHALL MEET THE FOLLOWING DESIGN CRITERIA:

LOCATION	MIN 28-DAY COMP STRENGTH	CONC TYPE	MAX AGGREGATE SIZE	MAX W/C RATIO
MRI MAT FOUNDATIONS	4000 PSI	NWC	1"	0.50
INTERIOR SLAB ON GRADE NOT EXPOSED TO WEATHER OR RECEIVING FLOORING FINISH	4000 PSI	NWC	1"	0.50
CURB PAD AND FILL OVER METAL DECK	3000 PSI	LWC	1"	0.50
ALL OTHER STRUCTURAL CONCRETE NOT NOTED ABOVE	3000 PSI	NWC	1"	0.50

- MAXIMUM AIR DRY UNIT WEIGHT OF LIGHTWEIGHT CONCRETE SHALL NOT EXCEED 110 PCF, UNLESS APPROVED BY EOR.
 - WHEN THE USE OF PLASTICIZER (ASTM C1017, TYPE I OR II) OR WATER REDUCER (ASTM C494, TYPE F OR G) IS USED, MAXIMUM SLUMP SHALL BE 4" PRIOR TO ADMIXTURE AND 8" INCLUDING ADMIXTURE AT THE POINT OF DELIVERY. IN THE ABSENCE OF PLASTICIZER AND WATER REDUCER, SLUMP AT THE POINT OF DELIVERY SHALL NOT EXCEED 4".
 - W/C RATIO INDICATES WATER TO CEMENTITIOUS MATERIALS RATIO.
 - FOR INTERIOR SLABS ON GRADE AND ALL OTHER SLABS RECEIVING ADHERED FLOORING FINISHES (I.E., GULFED, ETC.), THE MAXIMUM W/C RATIO SHALL NOT EXCEED 0.46. CURING COMPOUNDS USED ON CONCRETE THAT IS TO RECEIVE FINISHES SHALL BE COMPATIBLE WITH TILE AND ADHESIVES OR GROUTS IN ACCORDANCE WITH MANUFACTURER'S DATA AND BE APPROVED BEFORE USE.
 - SLABS ON GRADE, TOPPING SLABS, AND ELEVATED CONCRETE FLOORS SHALL HAVE A MAXIMUM SHRINKAGE RATE OF 0.04% AT 28 DAYS PER ASTM C 157 (CURING TEST SPECIMENS TO BE CONSISTENT WITH FIELD CONDITIONS), OR USING EMBEDDED VIBRATING WIRE STRAIN GAUGES. RESULTS OF TESTING SHALL BE SUBMITTED TO ENGINEER.
 - SEE ACI 318 FOR ADDITIONAL REQUIREMENTS REGARDING MAXIMUM AGGREGATE SIZE.
 - AGGREGATE GRADATION OF 3/8" MAXIMUM (PEA GRAVEL) SHALL NOT BE USED WHERE FINISHED CONCRETE SURFACE IS EXPOSED TO VIEW.
- CONCRETE MIX DESIGN AND TESTING SHALL MEET THE REQUIREMENTS OF THE BUILDING CODE, AND SPECIFICATIONS. ALL CONCRETE MIXES SHALL BE DESIGNED PER ACI 318 SECTION 5.2 BY A RECOGNIZED TESTING LAB STAMPED AND SIGNED BY A LICENSED CALIFORNIA CIVIL ENGINEER AND SUBMITTED TO THE EOR FOR REVIEW PRIOR TO CONCRETE PLACEMENT. STRUCTURAL CONCRETE MIXES SHALL CONSIST OF 5 SACK MINIMUM UNO.
 - AGGREGATES IN NORMAL WEIGHT CONCRETE SHALL CONFORM TO ASTM C-33 (HARDROCK). AGGREGATES IN LIGHT WEIGHT CONCRETE SHALL CONFORM TO ASTM C-330.
 - COMPRESSIVE STRENGTH TEST REPORTS SHALL BE SUBMITTED TO THE BUILDING DEPARTMENT AND THE EOR.
 - PORTLAND CEMENT SHALL BE TYPE II AND SHALL CONFORM TO ASTM C150, LOW ALKALI. MILL TESTS WITH CERTIFICATES OF COMPLIANCE SHALL BE SUBMITTED.
 - FLY ASH OR OTHER POZZOLANS CONFORMING TO ASTM C618 CLASS F MAY BE USED AS A PARTIAL SUBSTITUTION FOR PORTLAND CEMENT UP TO A MAXIMUM OF 25% TOTAL CEMENTITIOUS MATERIALS BY WEIGHT IF THE MIX DESIGN IS PROPORTIONED BY FIELD EXPERIENCE OR TRIAL MIXTURES.
 - CONCRETE MIXING OPERATIONS, ETC. SHALL CONFORM TO ASTM C94.
 - LEAN CONCRETE, WHERE SPECIFICALLY INDICATED, SHALL CONTAIN 2 SACKS OF CEMENT PER CUBIC YARD OF CONCRETE.
 - DRYPACK OR NONSHRINK GROUT SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 5000 PSI AND CONSIST OF MASTERFLOW 713, ELCON NS GROUT, SIKKA GROUT 212, OR APPROVED EQUAL. FOR THICK GROUT LAYERS FOLLOW MANUFACTURER'S GUIDELINES TO ATTAIN THE REQUIRED STRENGTH, WHICH MAY INCLUDE THE ADDITION OF PEA GRAVEL. FOR BASE PLATES LARGER THAN 6 SQUARE FEET, USE HI-FLOW GROUT OR MASTERFLOW 928.
 - DO NOT USE ANY CONCRETE OR GROUT CONTAINING CHLORIDES. WATER USED IN MIX SHALL BE CLEAN AND POTABLE.
 - PRIOR TO ERECTING ANY ELEMENTS THAT LOAD THE FOUNDATION, CONCRETE MUST REACH AN UNCONFINED COMPRESSION STRENGTH OF 2000 PSI MINIMUM AS DETERMINED BY TESTING OR PREVIOUSLY DOCUMENTED DATA FOR THE MIX DESIGN USED UNDER SIMILAR CONDITIONS, AND MUST BE ALLOWED TO CURE FOR A MINIMUM OF 3 DAYS.
 - MAINTAIN CONCRETE ABOVE 50 DEGREES FAHRENHEIT AND IN A MOIST CONDITION FOR A MINIMUM OF 7 DAYS AFTER PLACEMENT UNLESS OTHERWISE ACCEPTED BY EOR.
 - SEE ARCHITECTURAL DRAWINGS FOR WALL OPENINGS, WALL OFFSETS, CHAMFERS, KERFS, DRIPS AND FOR EXTENT OF DEPRESSIONS, RAMPS, ETC.
 - PROVIDE SLEEVES FOR ALL PIPES THROUGH CONCRETE WALLS AND FOOTINGS WHERE SHOWN ON THESE DRAWINGS. CORING IS NOT PERMITTED WITHOUT PRIOR APPROVAL BY THE EOR.
 - EXPOSED CORNERS OF SLABS, BEAMS, WALLS, COLUMNS, ETC. SHALL BE FORMED WITH 3/4" CHAMFER OR 1/2" RADIUS TOOLED EDGE, UNO.

S F E I R ARCHITECTS

5151 Shoreham Pl, Suite 265
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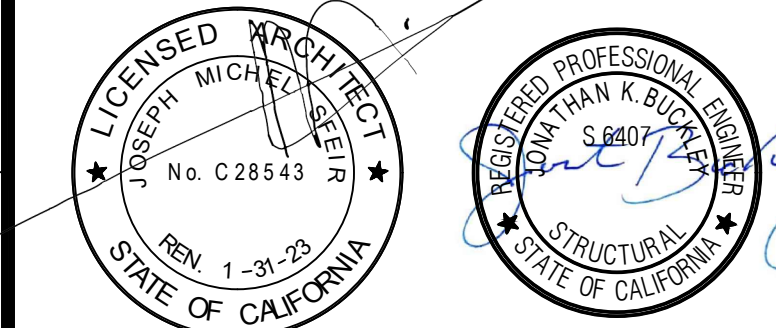
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F: 619-299-5084
www.sfeirarch.com

TCMC MRI

Tri-City Medical Center

4002 VISTA WAY
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SHIELDING:	MRI SHIELDING CORPORATION 3554 BUSINESS PARK DR., SUITE B COSTA MESA, CA 92626 TEL(714)545-7700
INTERIORS:	ISLEY DESIGN & PLANNING 1982 PALSERO AVENUE ESCONDIDO, CA 92029 TEL(760)484-0455



REVISION	DESCRIPTION	DATE
△	OSHPD COMMENTS	8/3/2020
△	DESIGN CHANGES	8/10/2020
△	OSHPD COMMENTS	10/2/2020
△	OSHPD COMMENTS	11/24/2020
△	DESIGN CHANGES	11/24/2020
△	ACD 0001 DESIGN CHANGES	04/14/2021

REV: _____ DESCRIPTION: _____ DATE: _____

CONSULTANT:

miyamoto.

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M1910084-00

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miyamotointernational.com

OSHPD APPROVAL STAMP:

OSHPD # S200813-37-00-ACD0001

SHEET TITLE:

GENERAL NOTES

PROJECT TITLE:

TCMC MRI

PROJECT # 01907.01 SHEET NUMBER:

DRAWN BY:

CHECKED BY:

SCALE:

PER TITLE

DATE:

3/11/2020

S0-2

TCMC MRI

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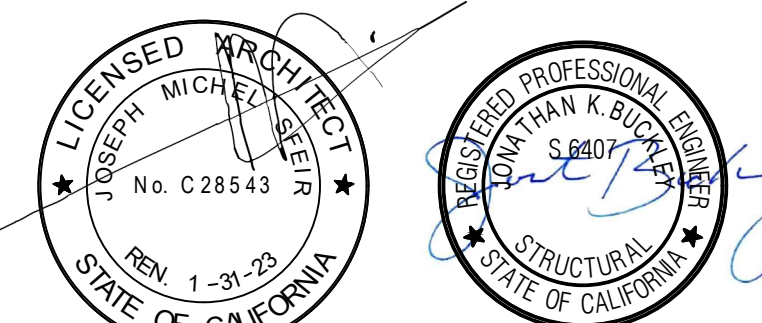
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NO.	DESCRIPTION	DATE
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5	DESIGN CHANGES	11/24/2020
6	ACD 0001 DESIGN CHANGES	04/14/2021

REV. DESCRIPTION. DATE.

CONSULTANT: **miyamoto.**

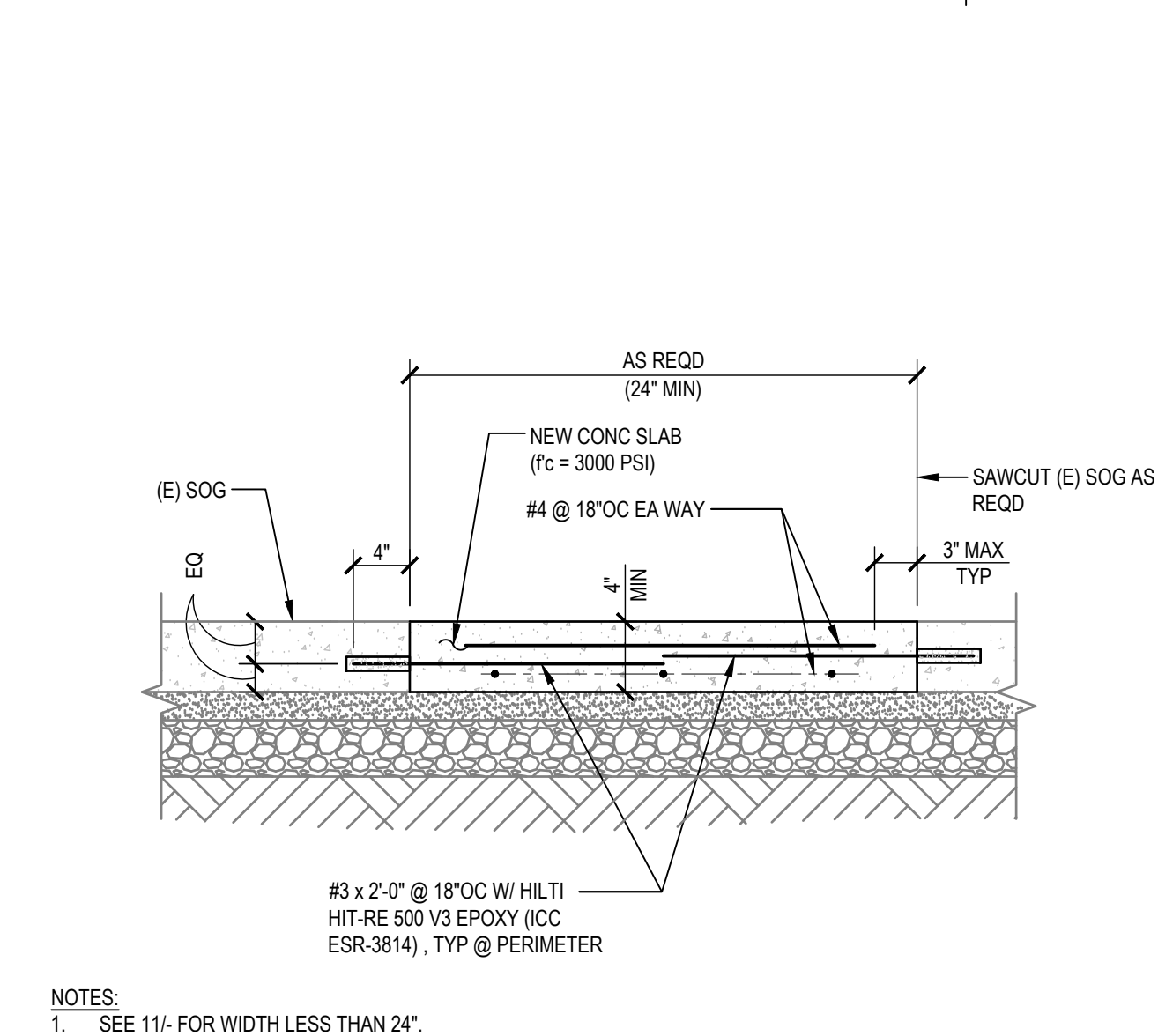
5550 Baltimore Drive, Suite 100 La Mesa, CA 91942 M1910084.00 T: (858) 457-3001 miyamotointernational.com

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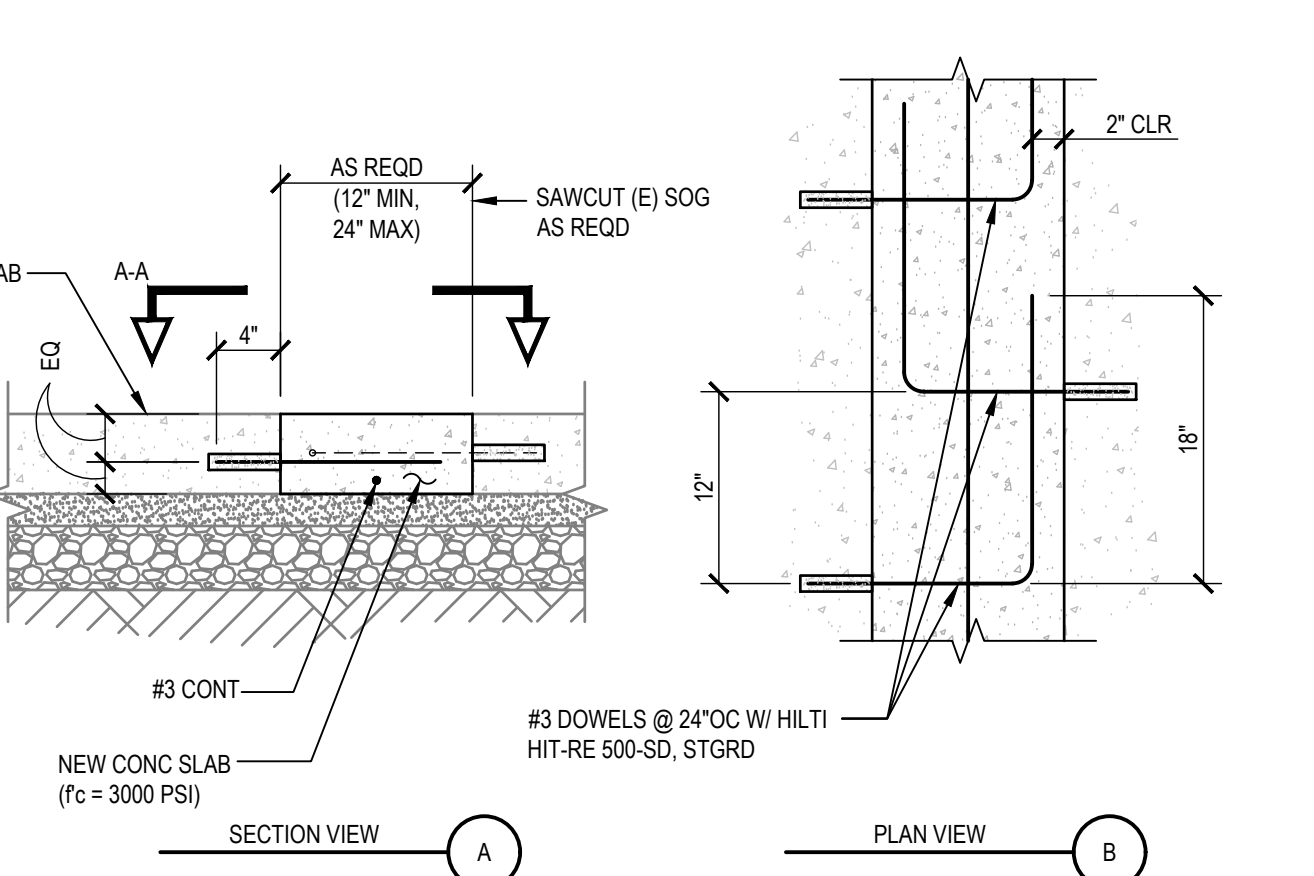
SHEET TITLE: **TYPICAL CONCRETE DETAILS**

PROJECT TITLE: TCMC MRI
PROJECT #: 01907.01
DRAWN BY:
CHECKED BY:
SCALE: PER TITLE
DATE: 3/11/2020

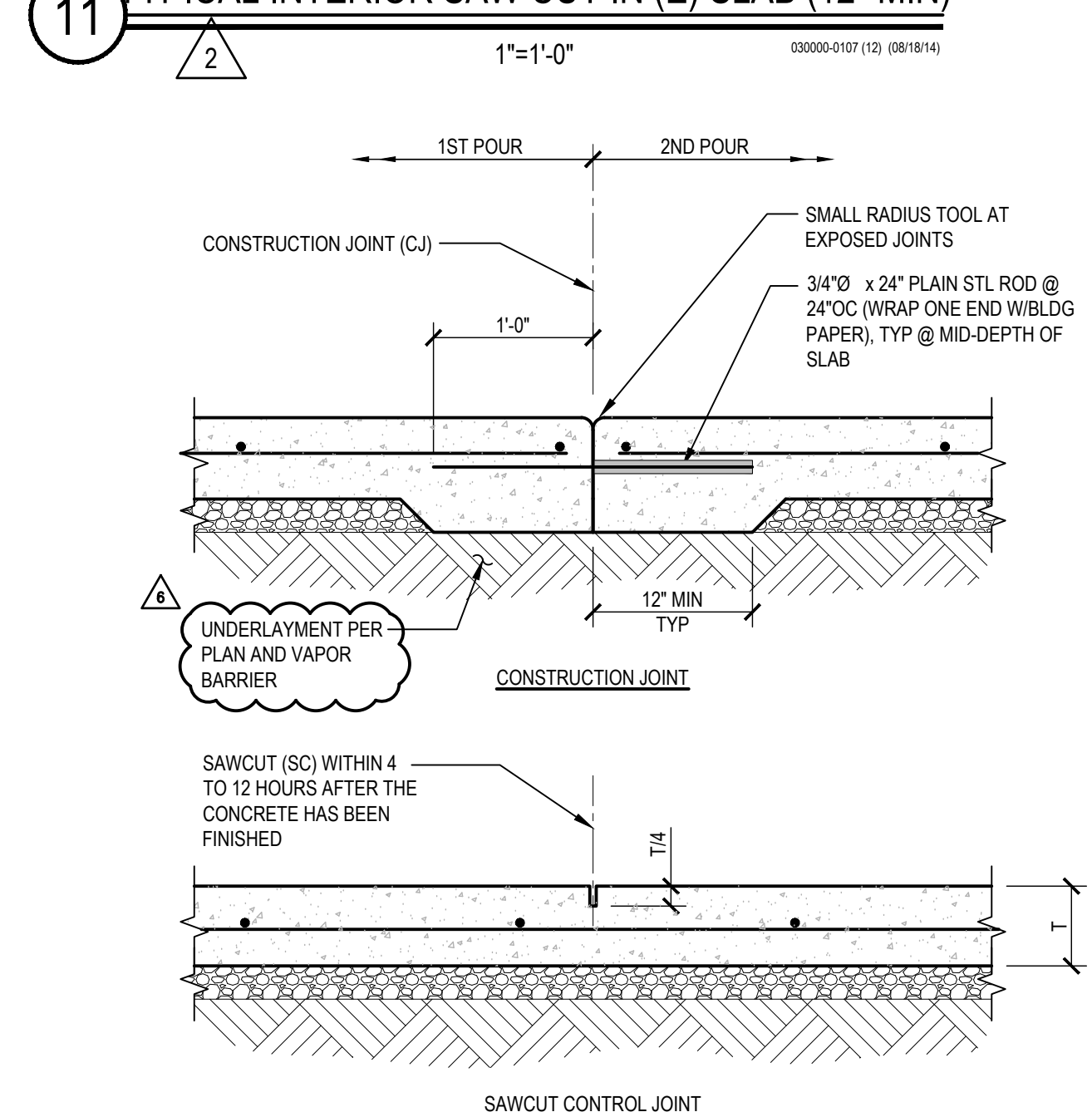
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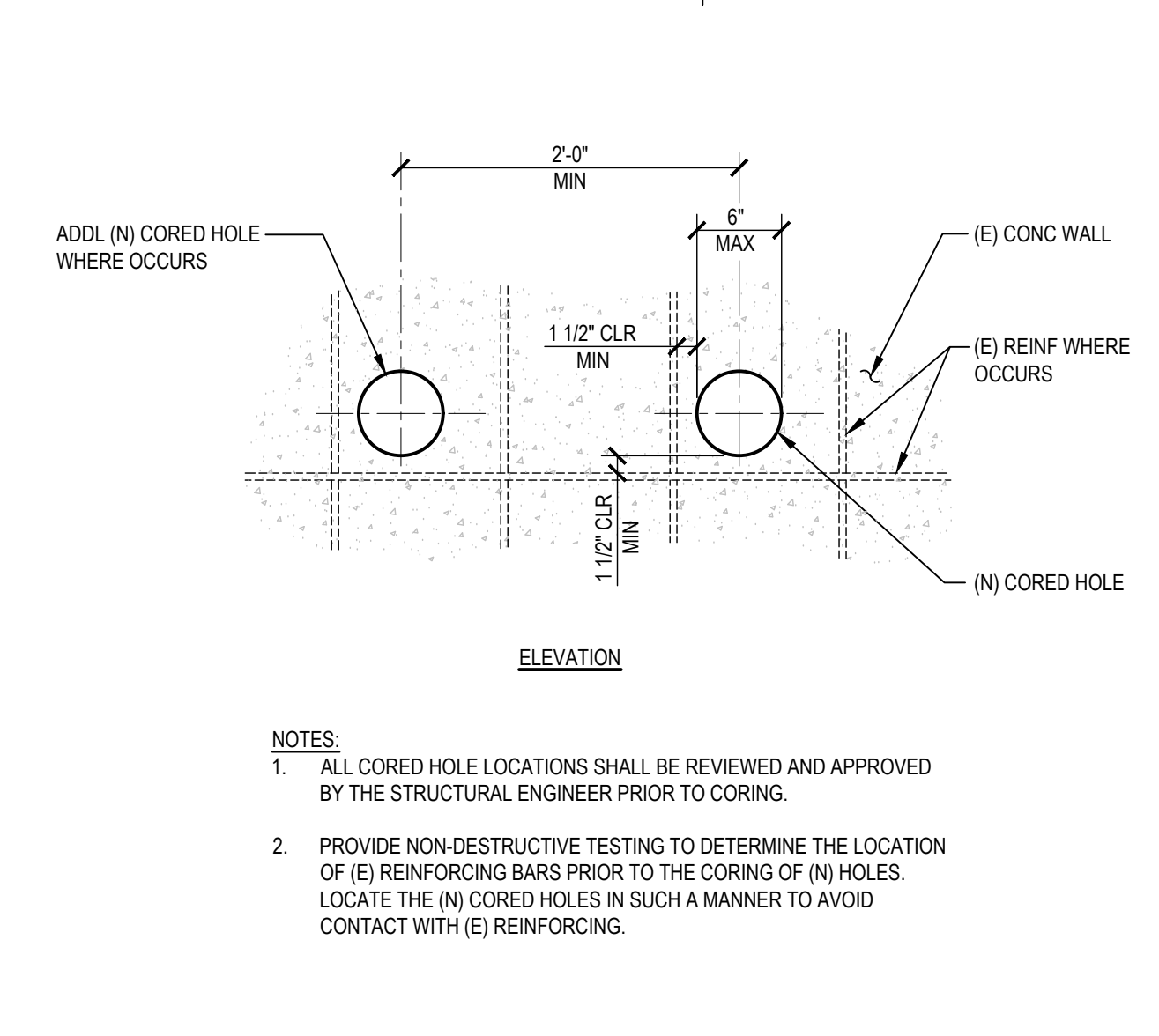
10 TYPICAL INTERIOR CUT IN (E) SLAB (24" MIN) NTS



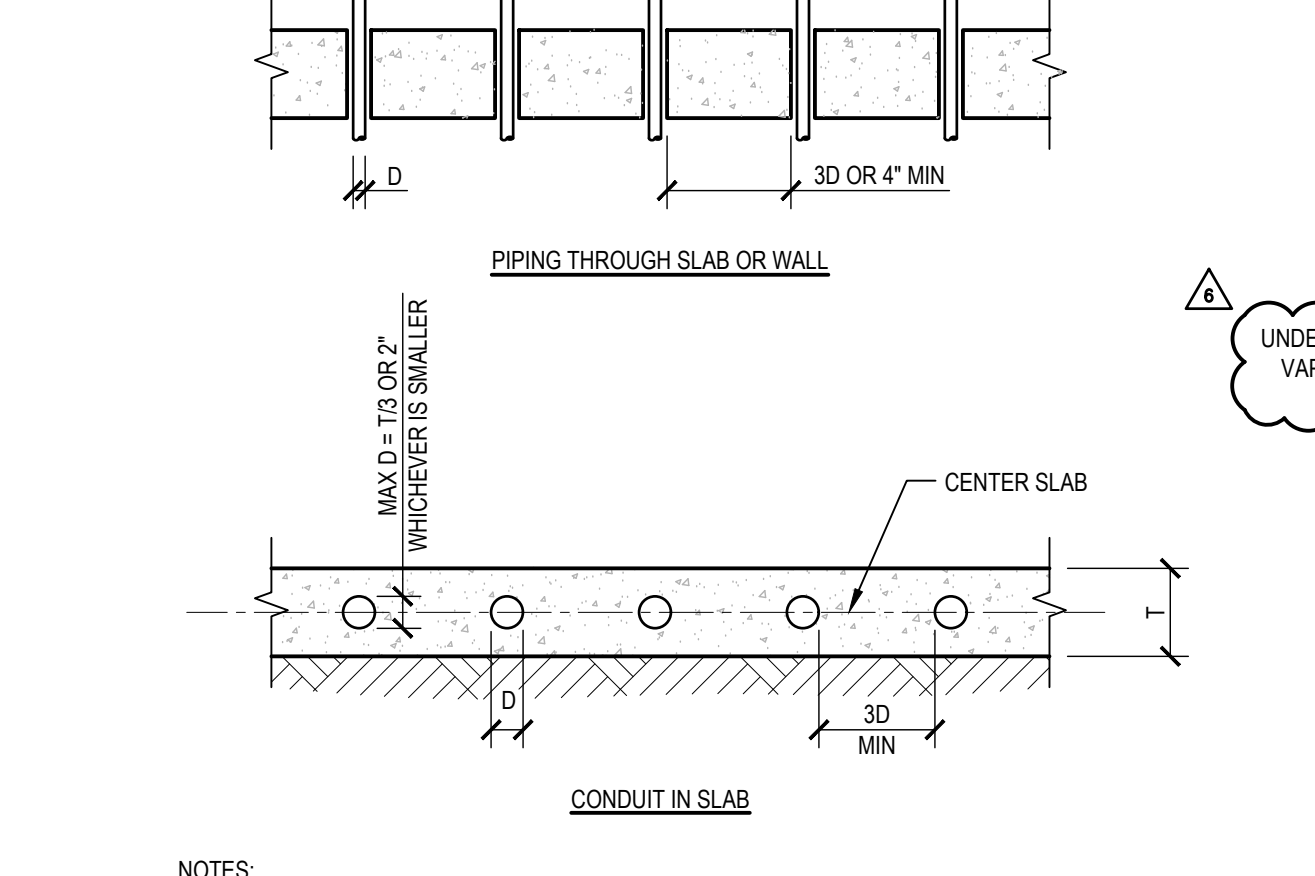
11 TYPICAL INTERIOR SAW CUT IN (E) SLAB (12" MIN) NTS



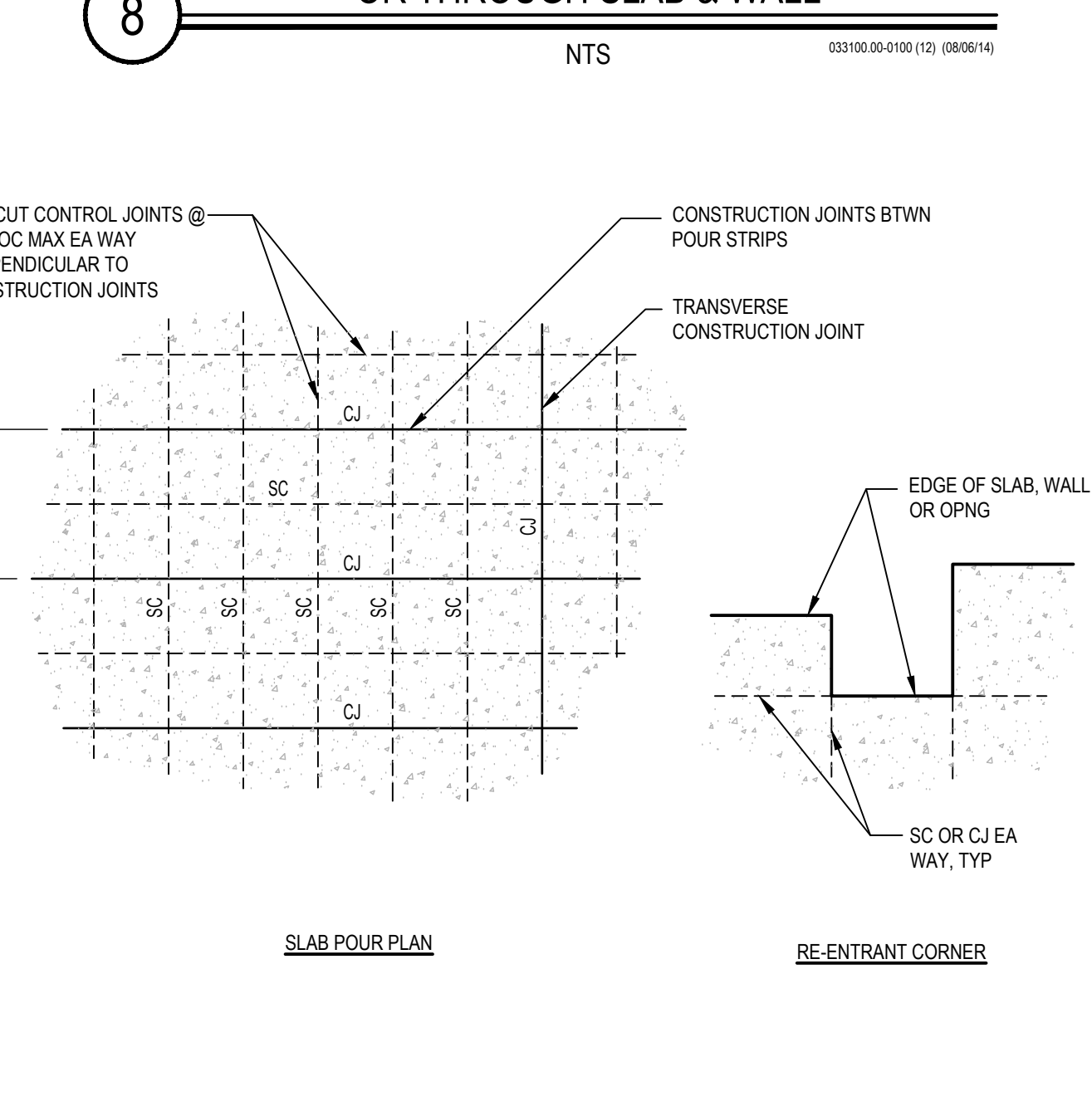
12 SLAB ON GRADE CONTROL JOINTS NTS



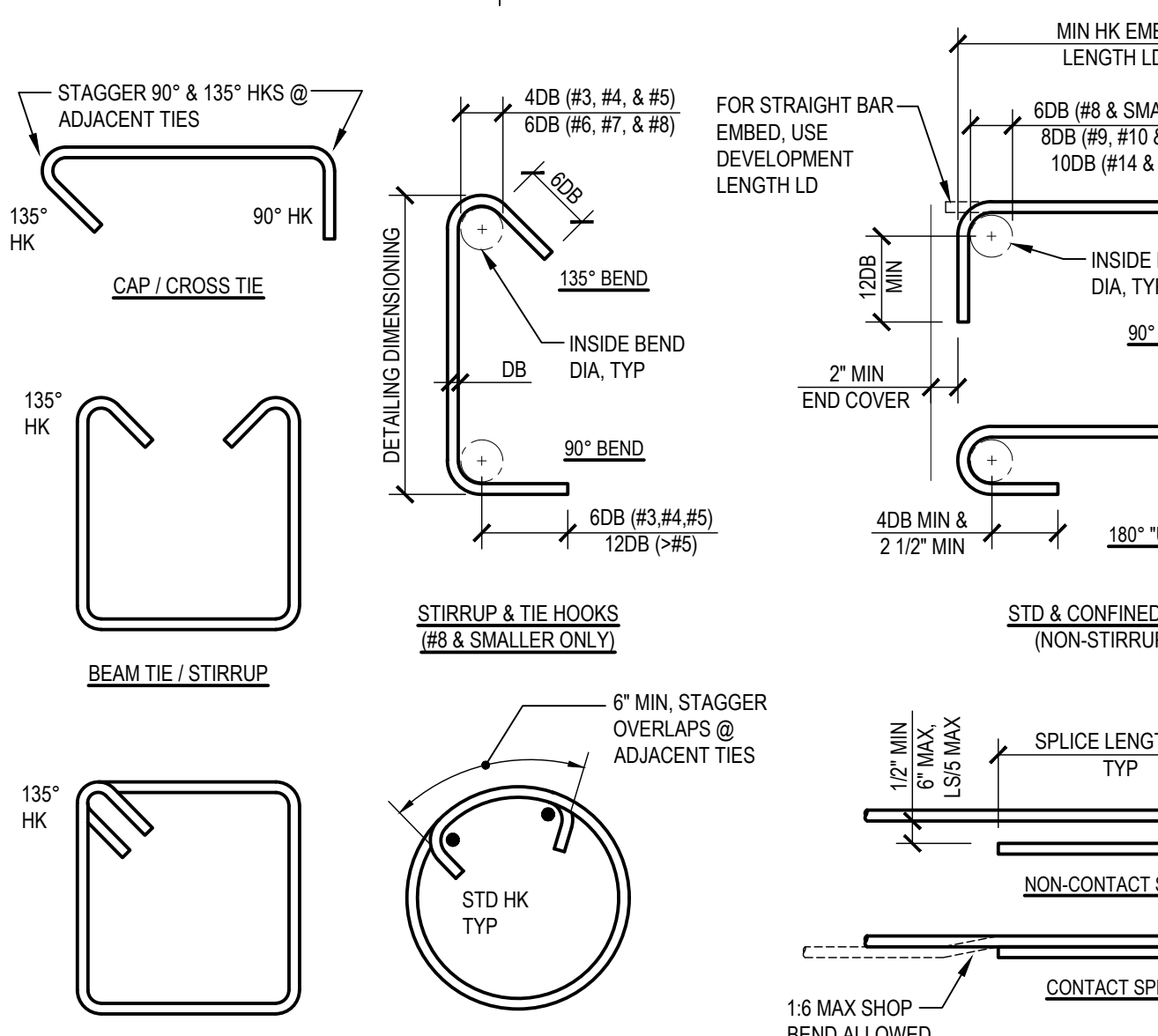
7 NEW CORED HOLES IN EXISTING CONCRETE NTS



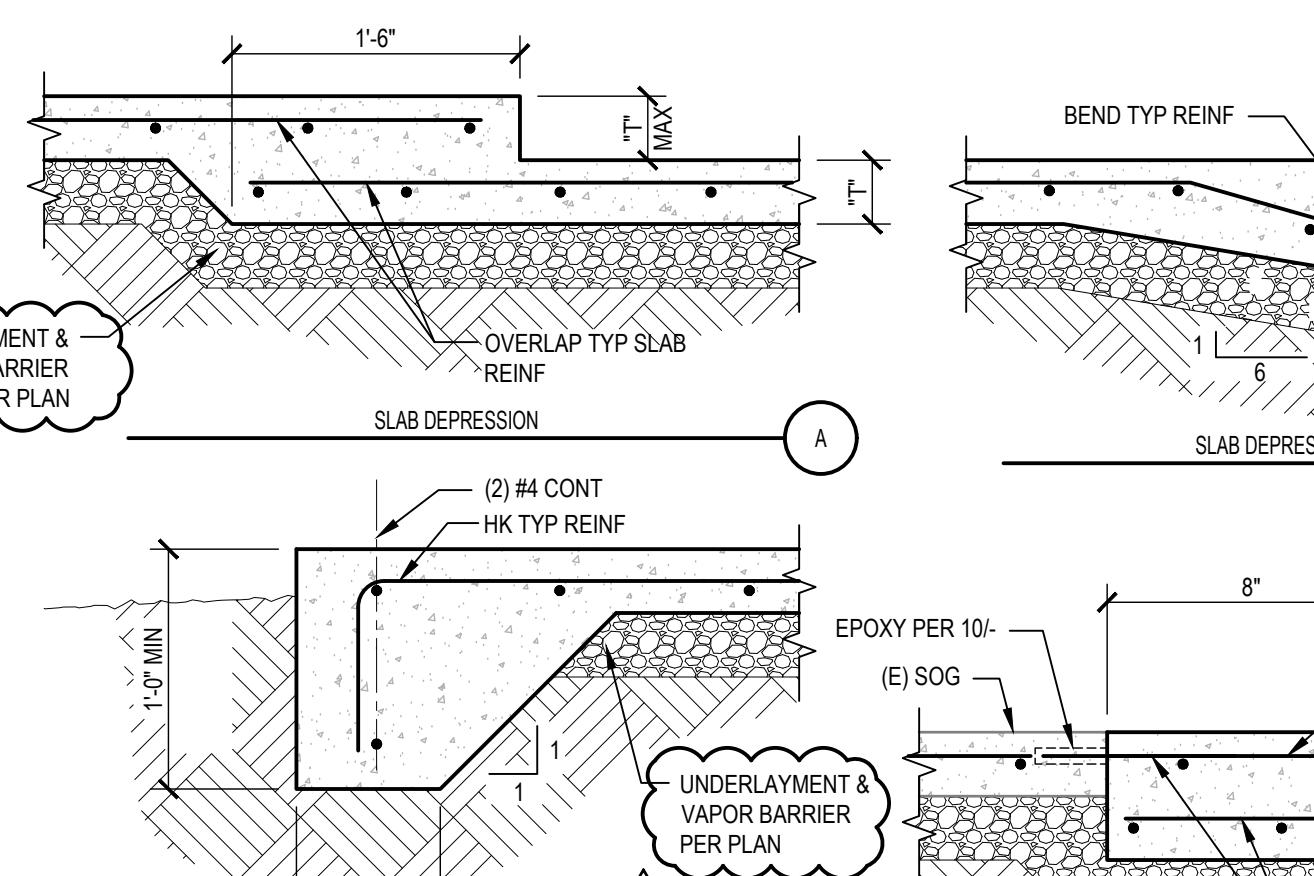
8 PIPES & CONDUITS IN OR THROUGH SLAB & WALL NTS



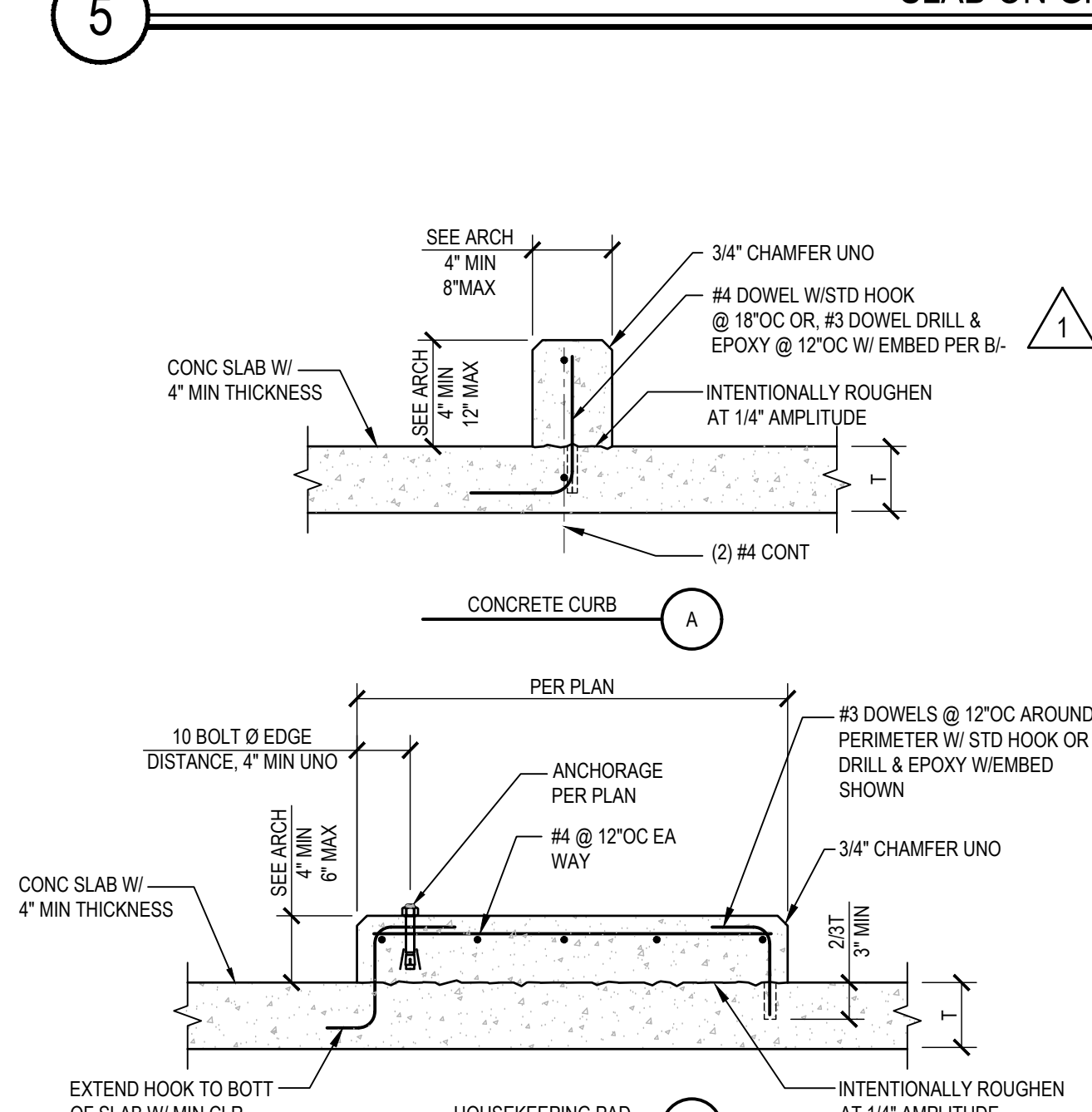
6 TYPICAL CONCRETE PAD & CURB NTS



4 REINFORCEMENT DETAILS & DEVELOPMENT LENGTHS NTS



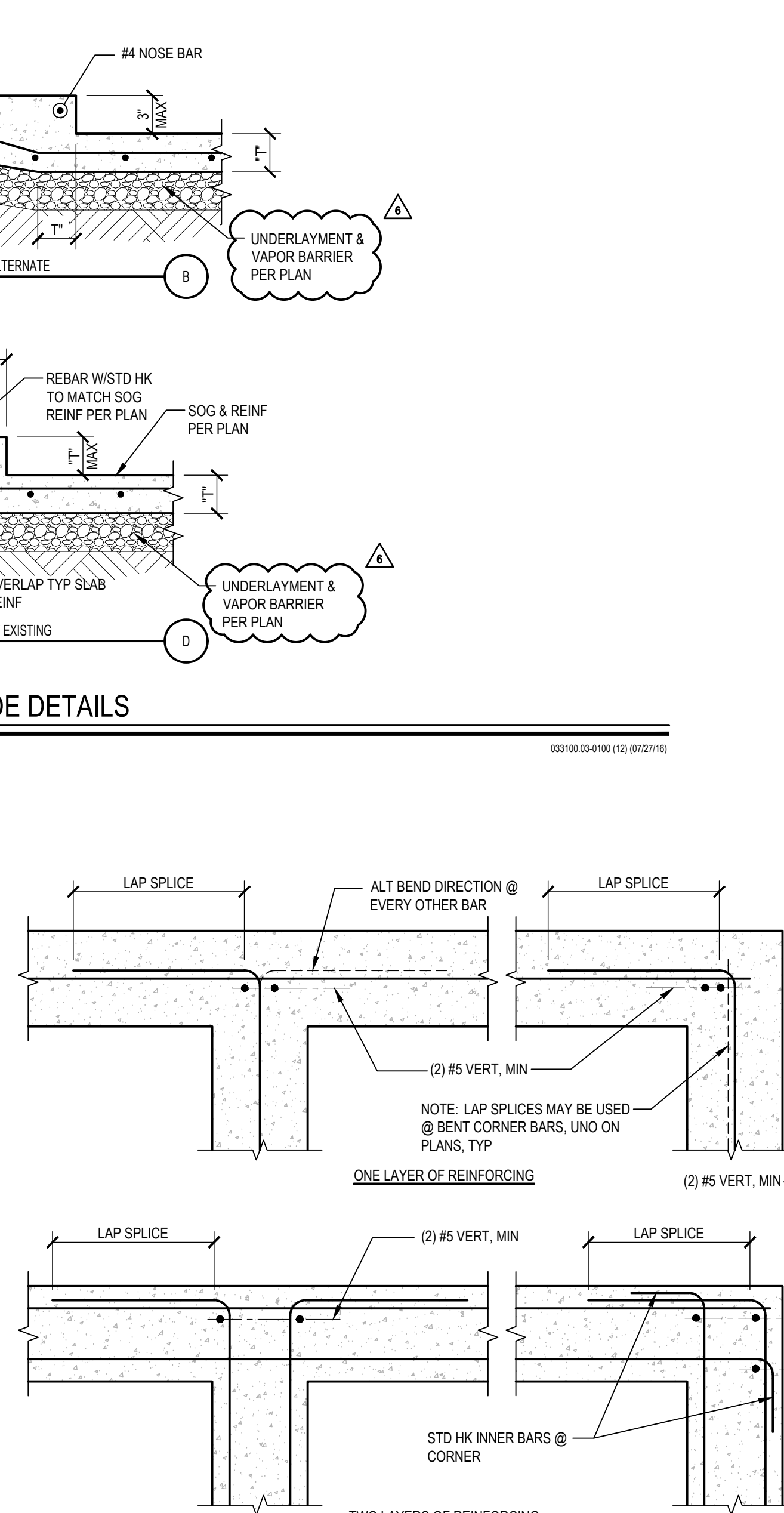
5 SLAB ON GRADE DETAILS NTS



3 REINFORCING AT WALL & FOOTING INTERSECTIONS NTS

BAR SIZE	STD HOOK DEVELOPMENT LENGTH LDH (IN)	CLASS B LAP SPLICE L _S (IN)		DEVELOPMENT LENGTH LD (IN)	
		BOTT	TOP	BOTT	TOP
3000 PSI NWC	#3	6	22	28	17
	#4	8	29	37	22
	#5	10	36	47	28
	#6	12	43	56	33
4000 PSI NWC	#3	6	22	28	17
	#4	7	25	32	19
	#5	9	31	40	24
	#6	10	37	48	29
5000 PSI NWC	#3	6	17	22	13
	#4	6	22	29	17
	#5	8	28	36	22
	#6	9	33	43	26
6000 PSI NWC	#3	6	17	22	13
	#4	6	22	29	17
	#5	8	28	36	22
	#6	9	33	43	26
7000 PSI NWC	#3	6	17	22	13
	#4	6	22	29	17
	#5	8	28	36	22
	#6	9	33	43	26

HOOKS, LAPS & DEVELOPMENT LENGTHS



3 REINFORCING AT WALL & FOOTING INTERSECTIONS NTS

- NOTES:
- SEE BUILDING CODE AND ACI LATEST VERSION FOR ALL REQUIREMENTS NOT NOTED.
 - FOR LIGHTWEIGHT CONCRETE MULTIPLY LDH, L_S AND LD VALUES SHOWN BY 1.33.
 - "TOP" BARS ARE HORIZONTAL BARS WITH MORE THAN 12" OF FRESH CONCRETE CAST BELOW BARS. ALL OTHER BARS ARE "BOTT" BARS.
 - WHERE REQUIRED L_S CANNOT BE OBTAINED WITH STRAIGHT BARS, EXTEND REINFORCING AS FAR AS POSSIBLE (LDH MINIMUM) AND PROVIDE STANDARD HOOK, WHERE LDH CANNOT BE OBTAINED.
 - VALUES SHOWN ARE FOR GRADE 60 (F_y=60 KSI) REINFORCEMENT.
 - SPLICE LENGTHS SHOWN ARE FOR CLEAR SPACING NOT LESS THAN 2DB. CONCRETE COVER NOT LESS THAN DB.
 - FOR EPOXY-COATED AND/OR BUNDLED REINFORCEMENT CONSULT SEOR.
 - WHERE BARS OF DIFFERENT SIZES ARE LAP SPICED IN TENSION, SPLICE LENGTH SHALL BE THE LARGER OF: LD OF THE LARGER BAR AND L_S OF THE SMALLER BAR.

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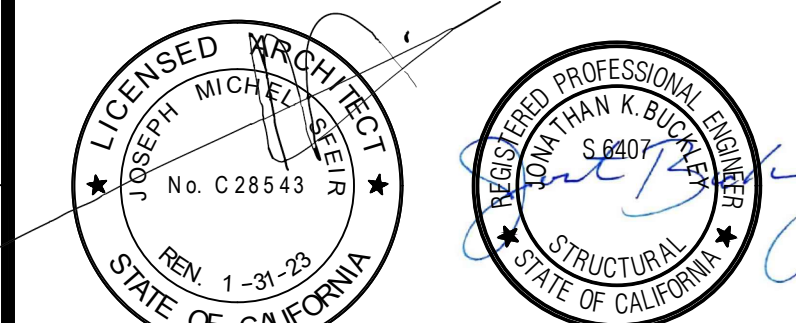
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OSHPD COMMENTS	8/3/2020
DESIGN CHANGES	8/10/2020
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OSHPD COMMENTS	11/24/2020
DESIGN CHANGES	11/24/2020
ACD 0001 DESIGN CHANGES	04/14/2021

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OSHPD APPROVAL STAMP:
OSHPD # S200813-37-00-ACD0001

SHEET TITLE:

TYPICAL INTERIOR STEEL STUD DETAILS

PROJECT TITLE:

TCMC MRI

PROJECT #:

01907.01

DRAWN BY:

CHECKED BY:

SCALE:

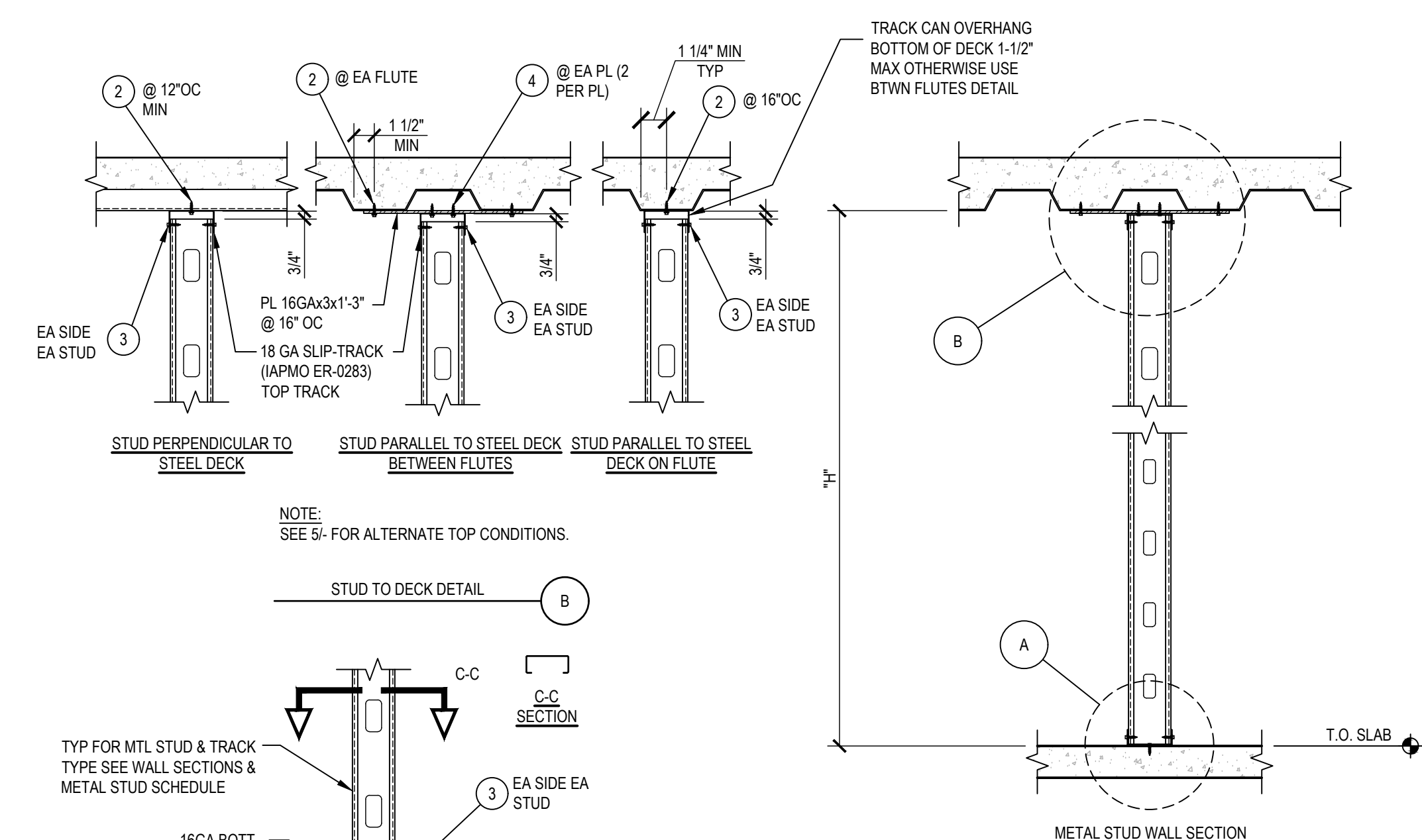
PER TITLE

DATE:

3/11/2020

SHEET NUMBER:

S1-2



MAX HEIGHT INTERIOR NON-BEARING STEEL STUDS

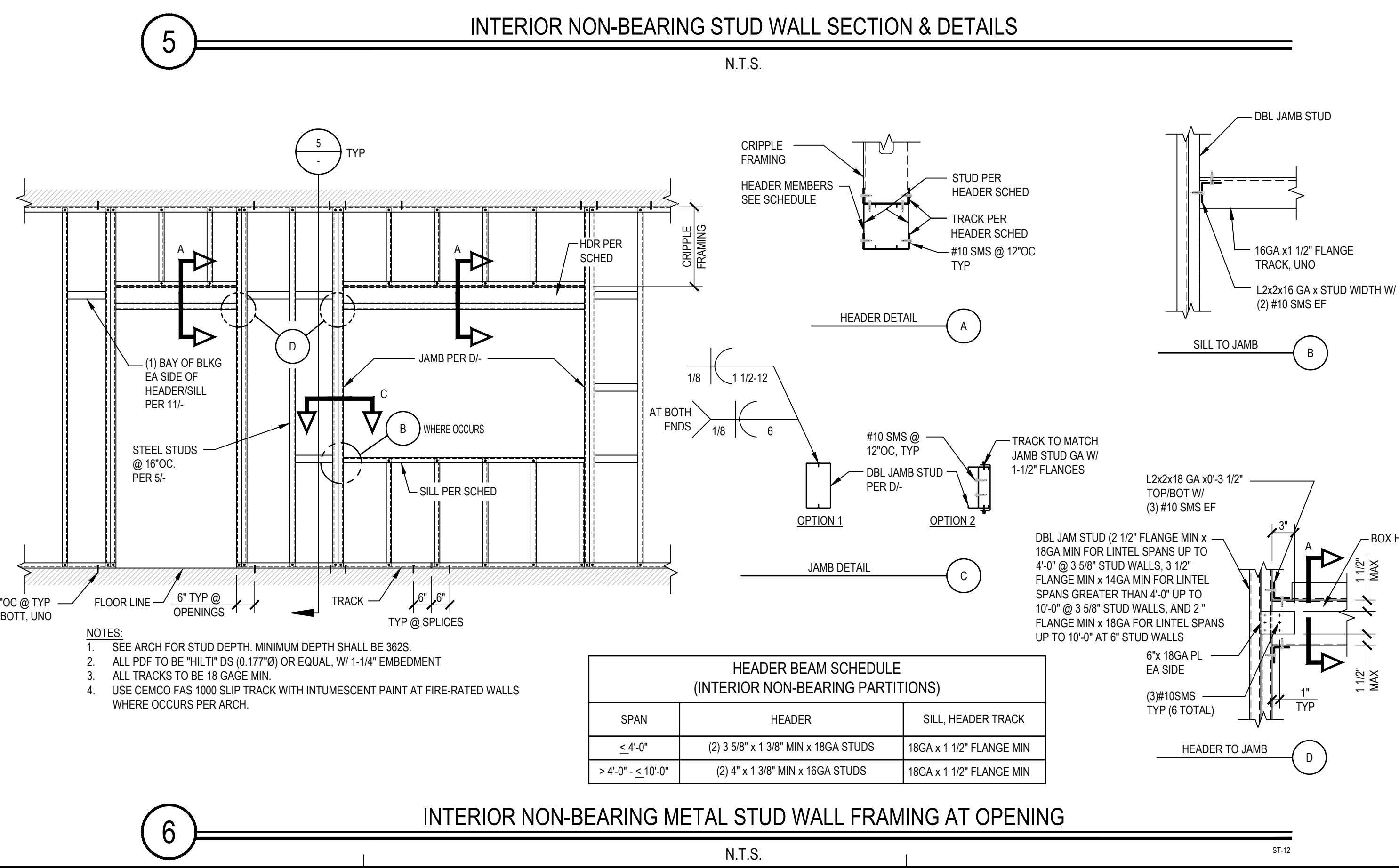
THICKNESS (MILS)	STEEL STUD SIZE (S137 FLANGE)		
33	16'-0"	17'-3"	23'-9"
43	17'-5"	18'-10"	26'-1"
54	18'-7"	20'-2"	27'-11"

- NOTES:
- MAXIMUM STUD HEIGHT "H" FOR STUDS @ 16" OC.
 - SEE ARCHITECTURAL FOR REMAINDER, INCLUDING STUD DEPTH.
 - LIMIT L/240 DEFLECTION.
 - STUDS CARRYING EQUIPMENT OR CASEWORK SHALL BE 16GA MIN.

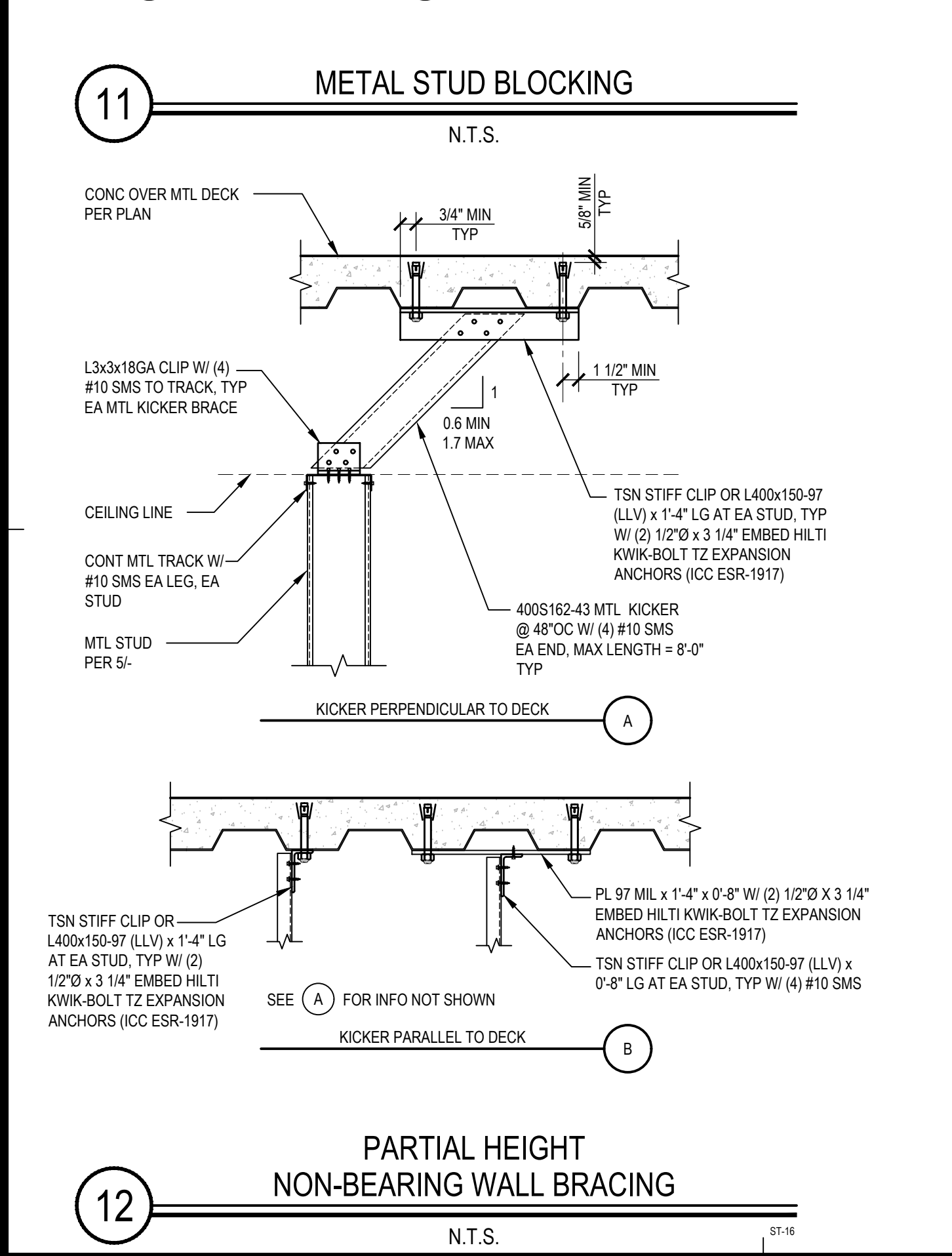
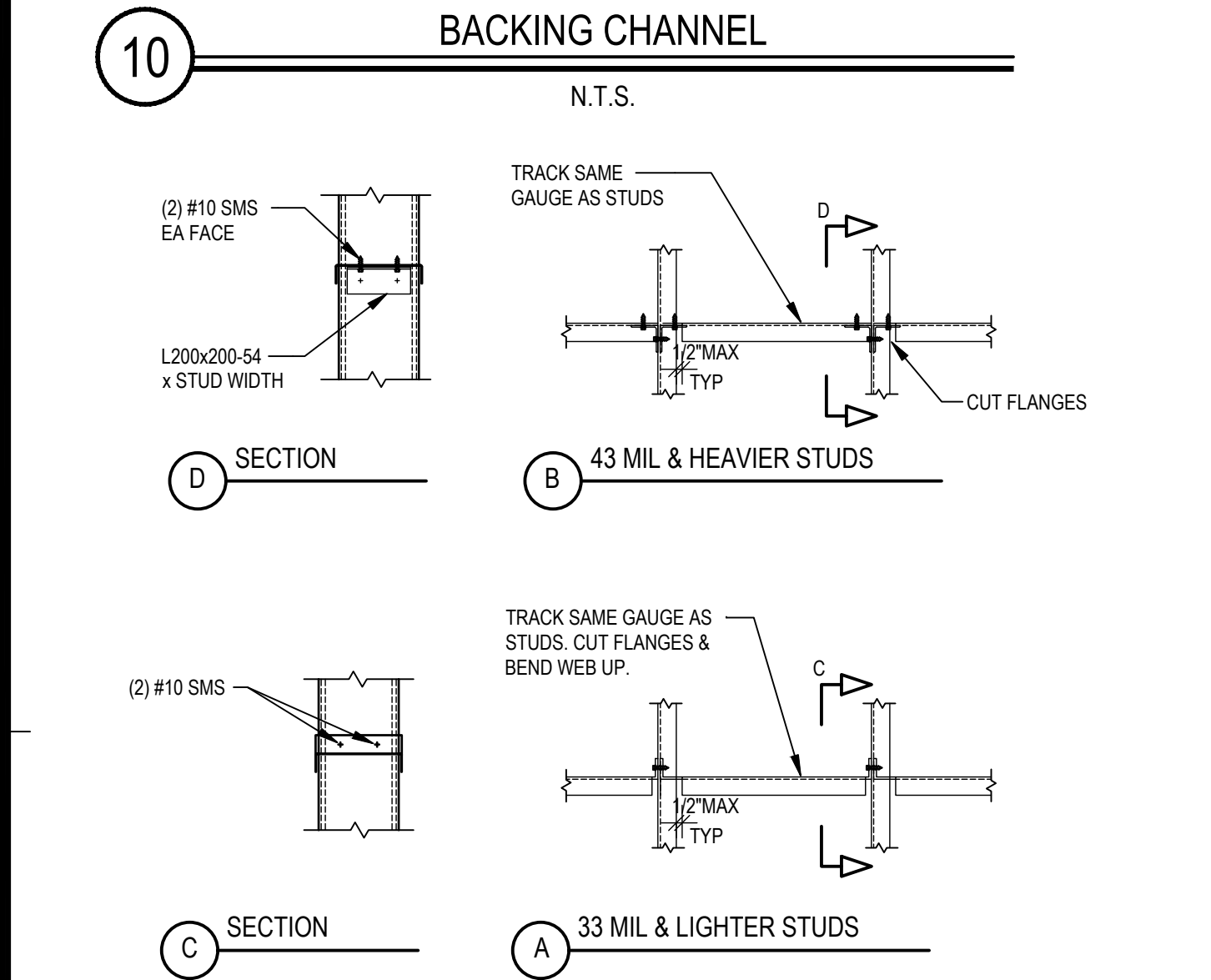
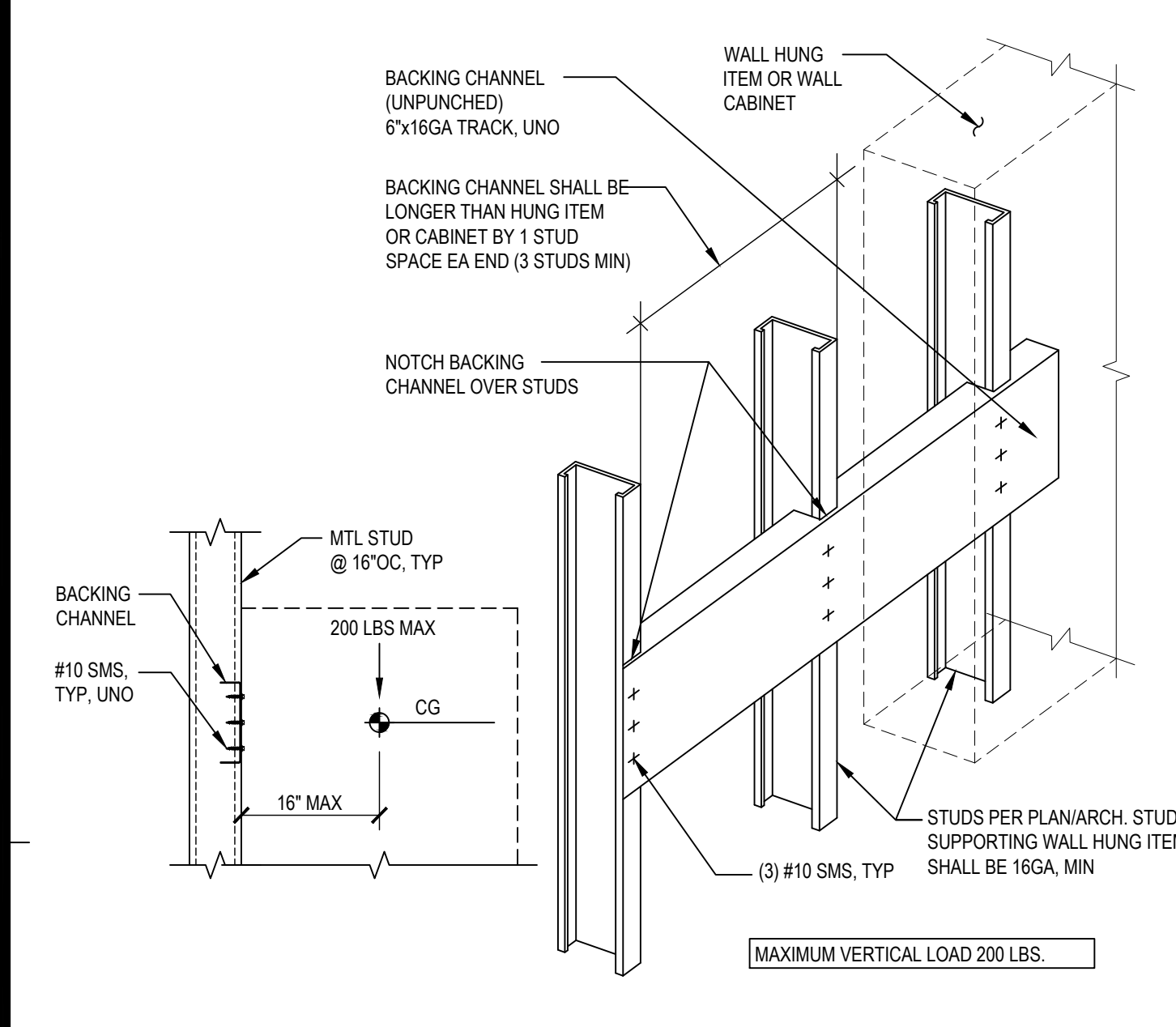
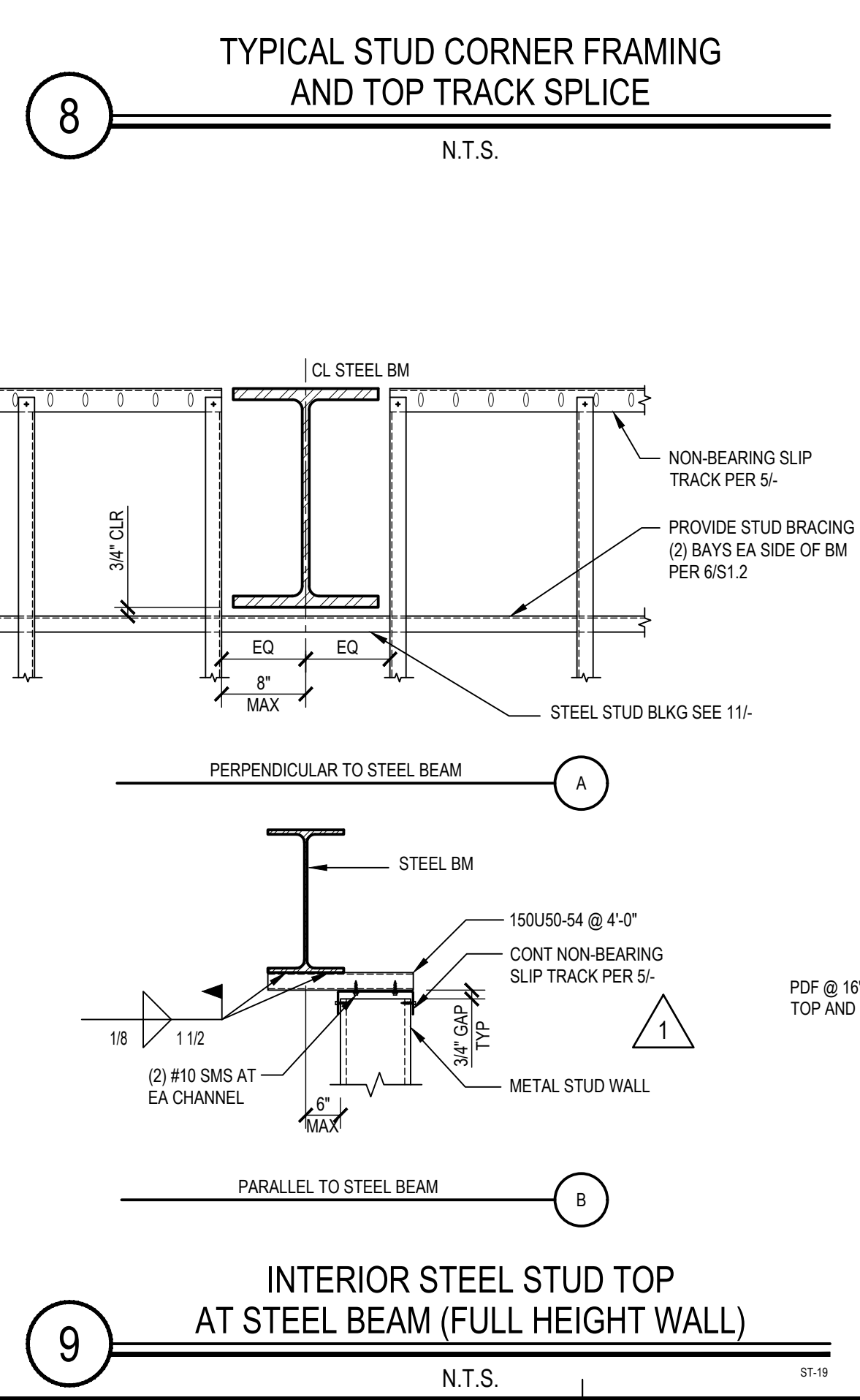
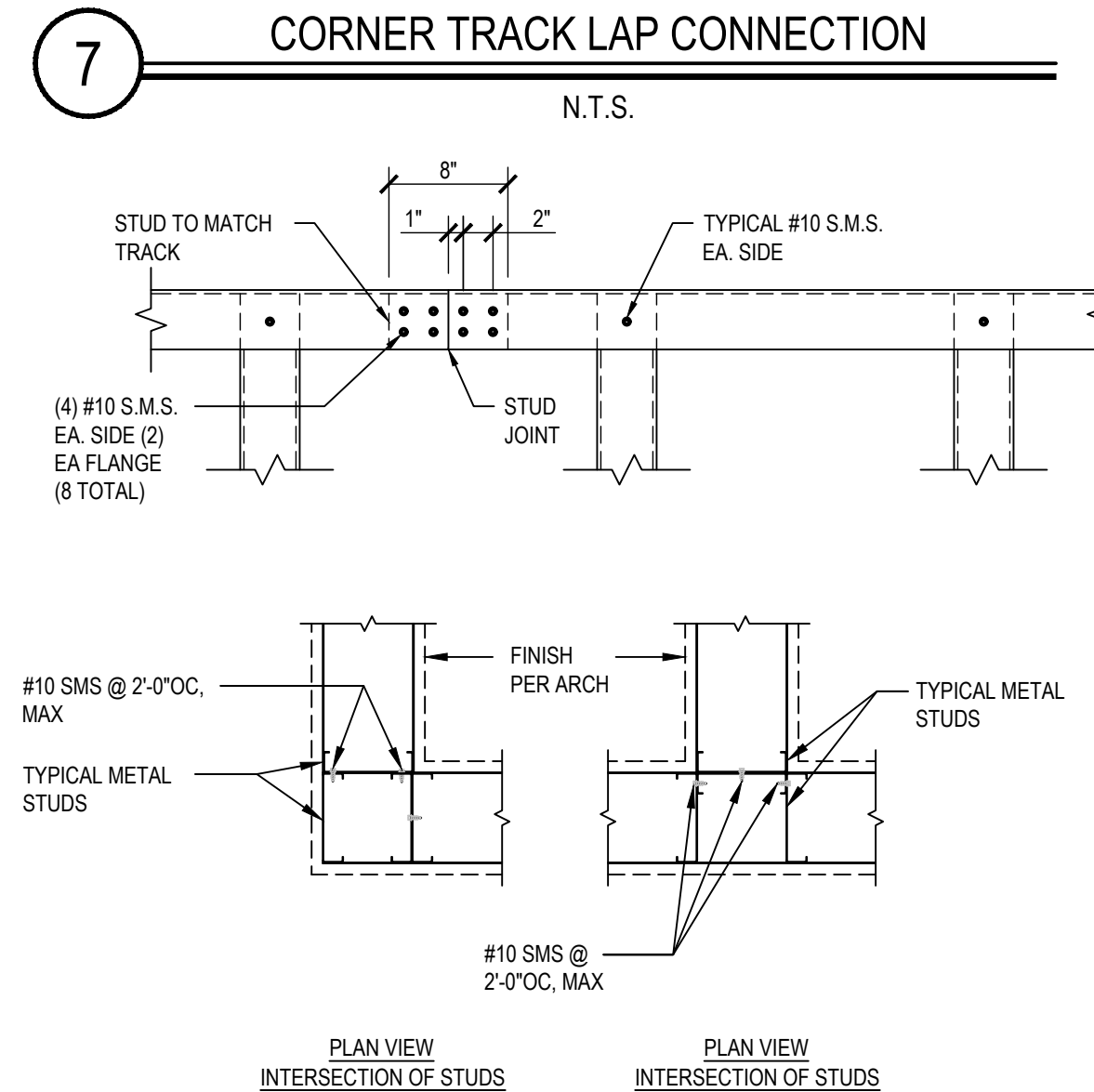
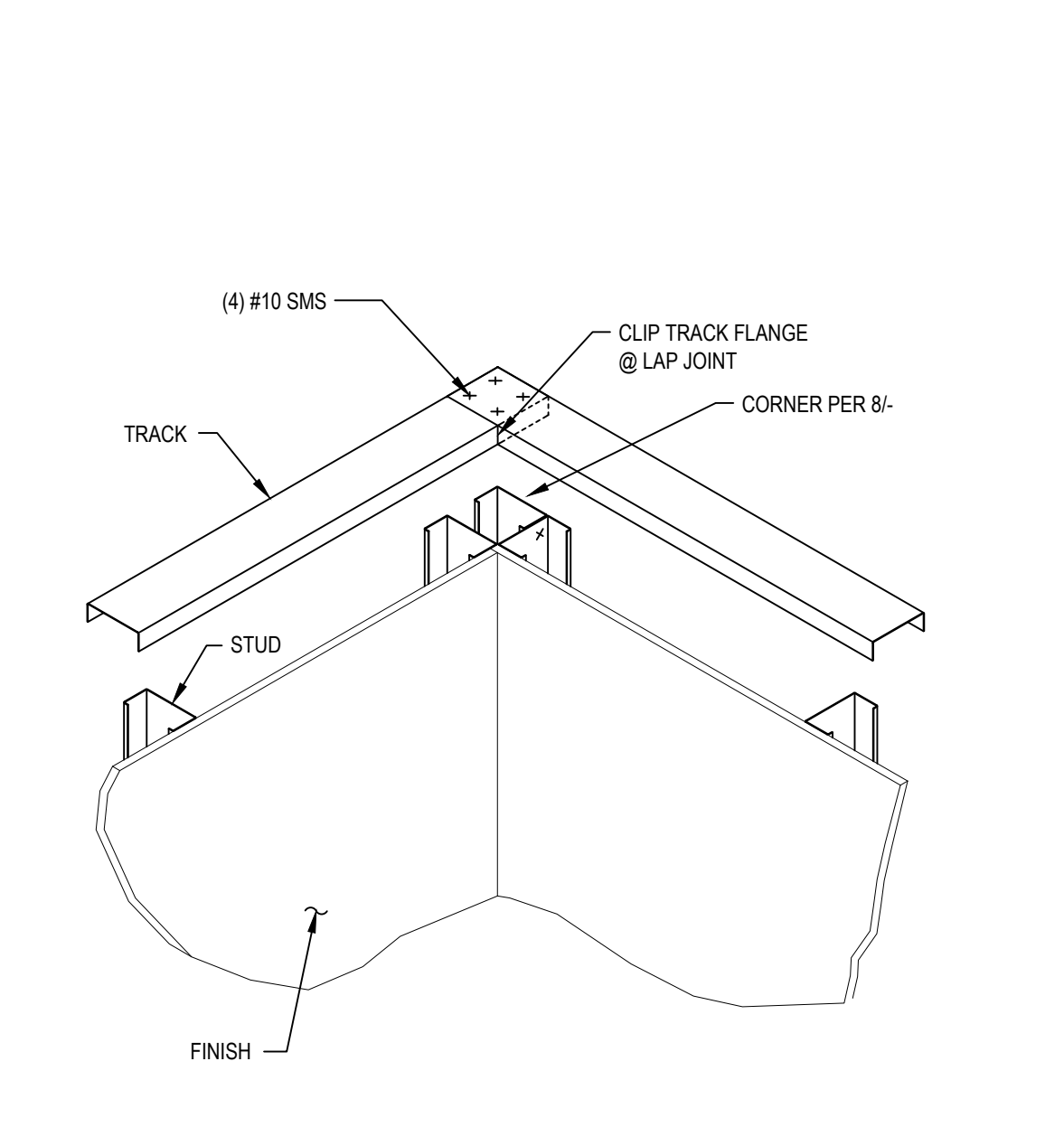
STEEL STUD FASTENER SCHEDULE

MARK	FASTENER SIZE & SPACING
1	HILTI DS x 1 1/4" EMBED PDF @ 16" OC
2	HILTI DS x 1 1/4" EMBED PDF @ DECK W/ CONC OR SLAB, #10 SMS @ ROOF MTL DECK
3	#10 SHEET METAL SCREW (SMS)
4	#12 SMS
5	3/8" x 2" EMBED HILTI KWIK-BOLT TZ EXPANSION ANCHORS (ICC ESR-1917) @ 16" OC

- NOTES:
- STUDS AND CONNECTION PER SCHEDULE. SEE ARCH FOR DEPTH AND LOCATION OF STUDS.



- NOTES:
- SEE ARCH FOR STUD DEPTH. MINIMUM DEPTH SHALL BE 362S.
 - ALL PDF TO BE "HILTI" DS (0-17770) OR EQUAL, W/ 1-1/4" EMBEDMENT
 - ALL TRACKS TO BE 18 GAGE MIN.
 - USE CEMCO FAS 1000 SLIP TRACK WITH INTUMESCENT PAINT AT FIRE-RATED WALLS WHERE OCCURS PER ARCH.



TCMC MRI

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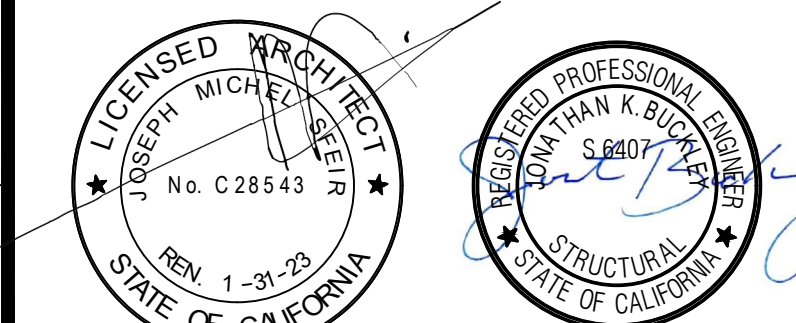
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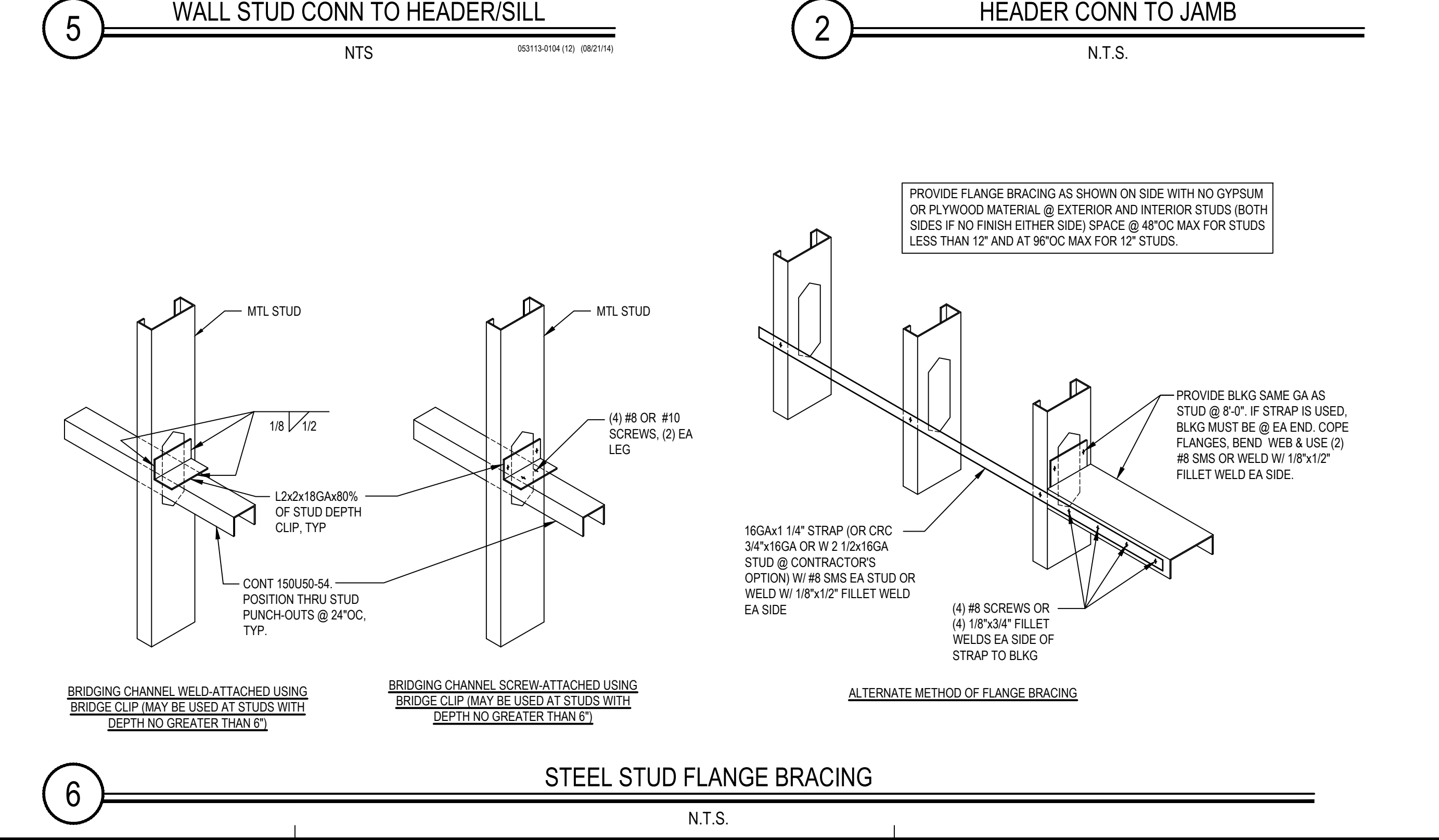
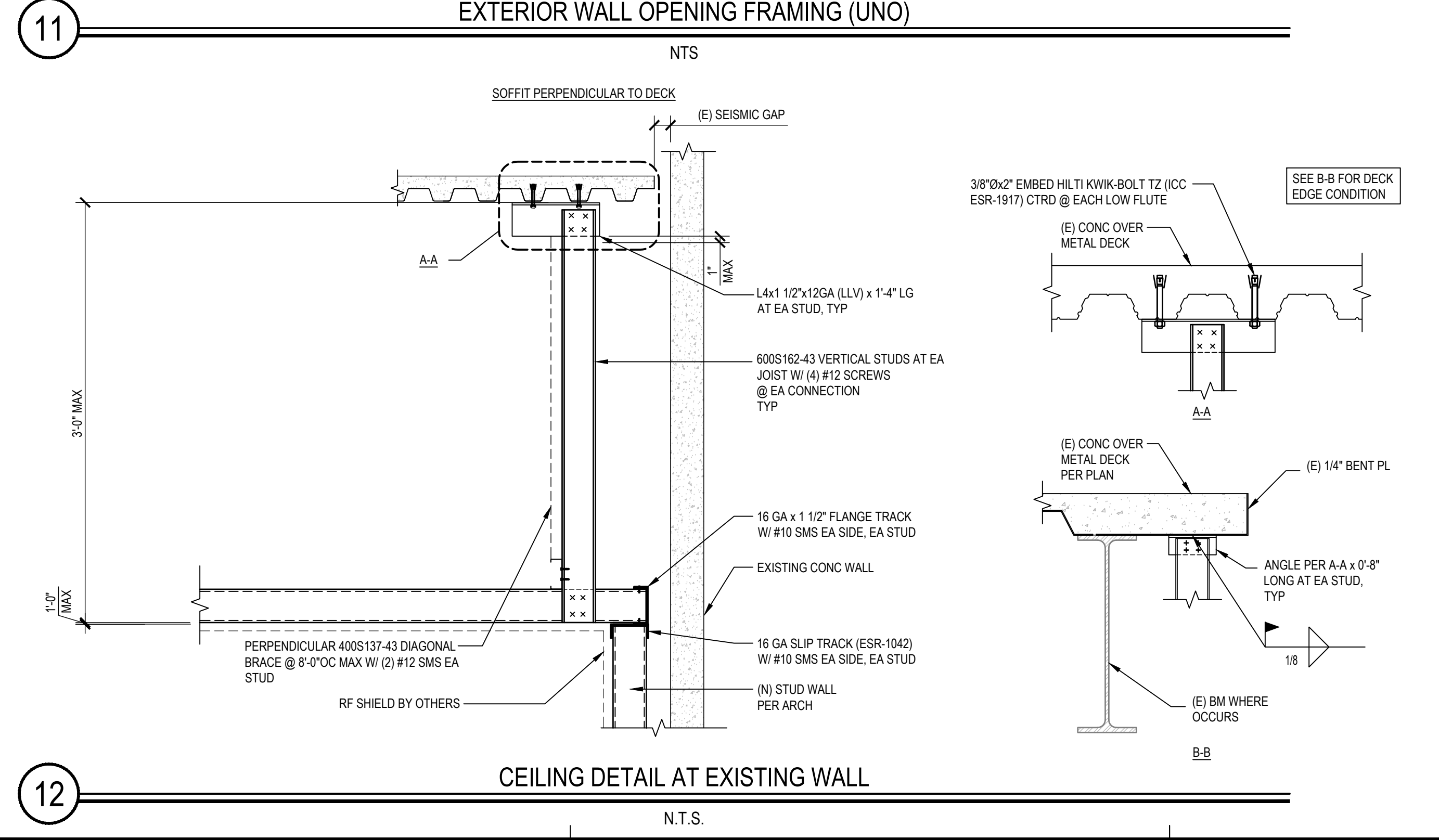
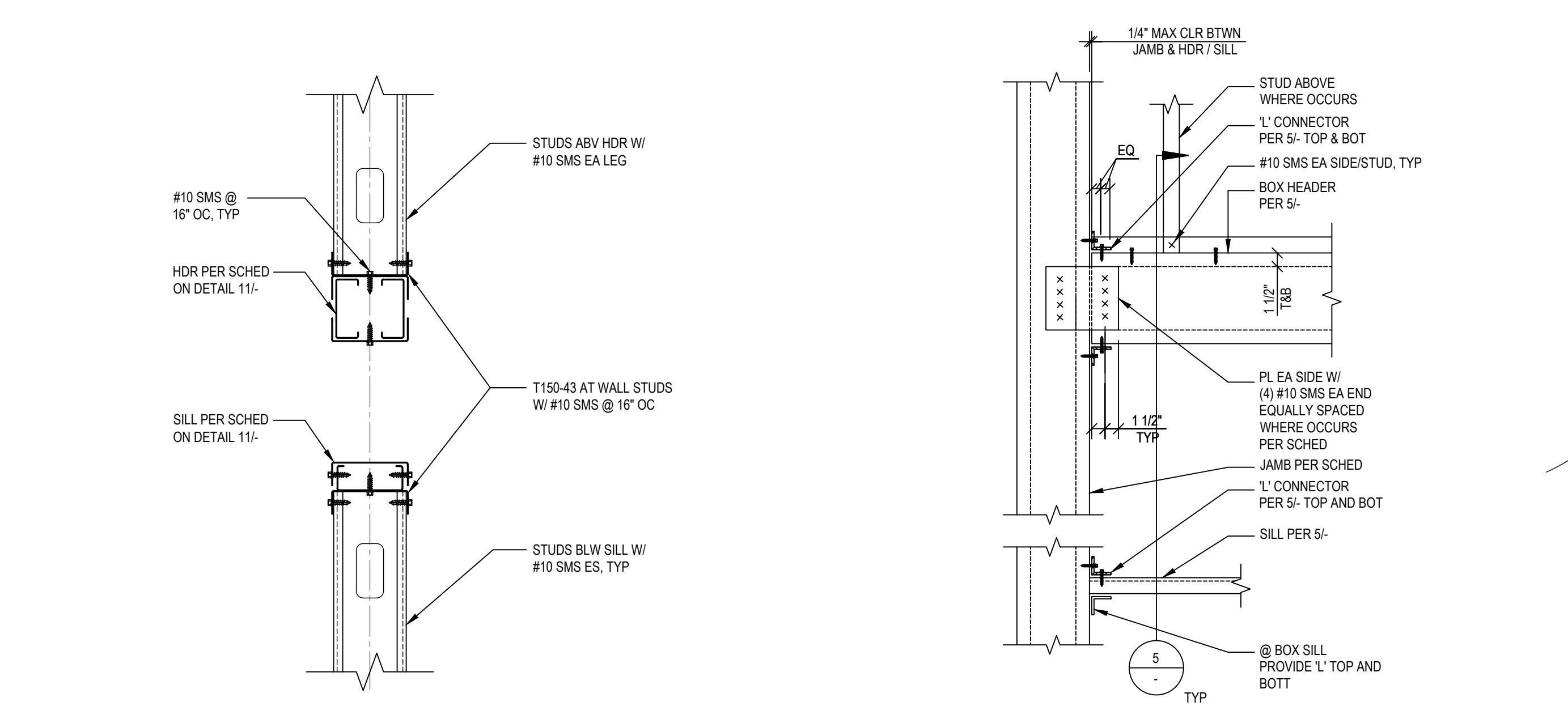
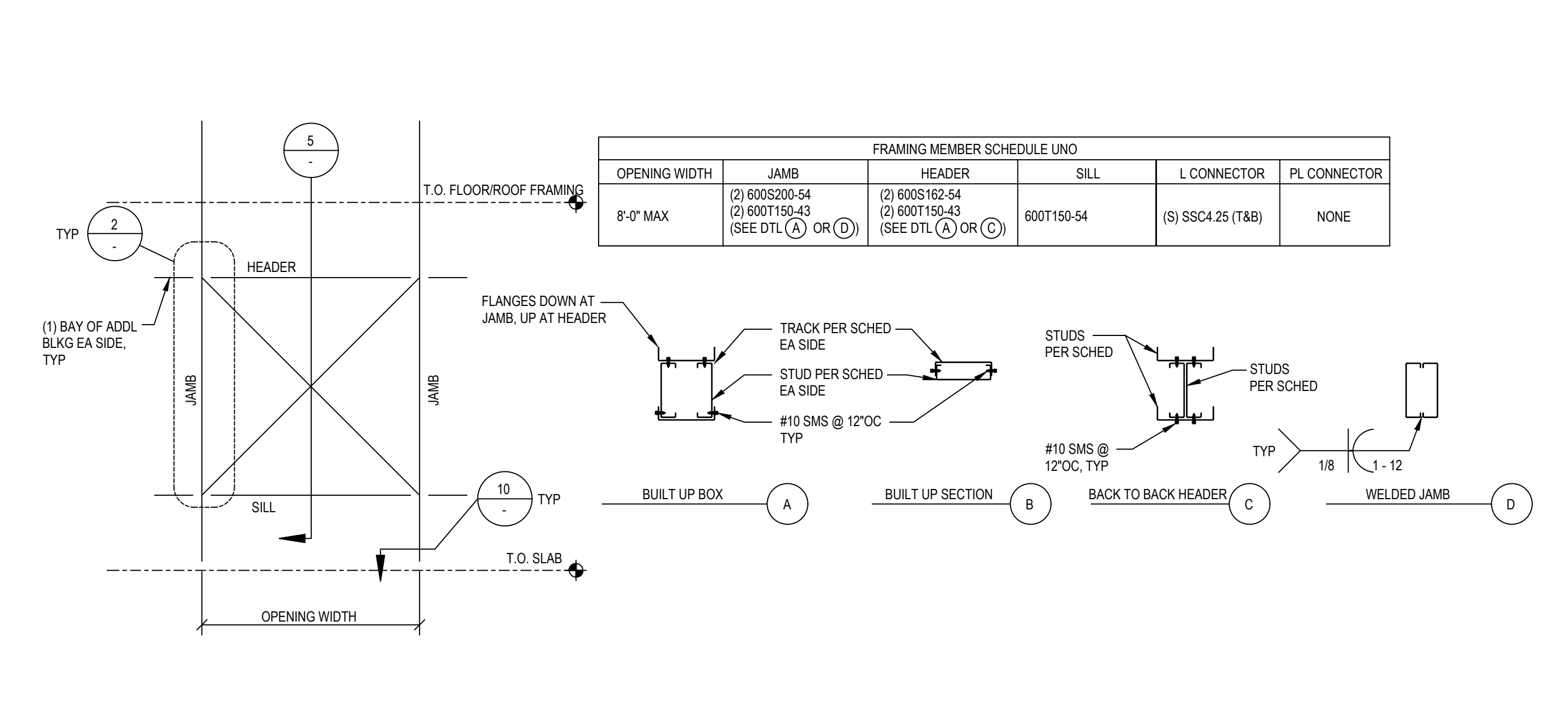
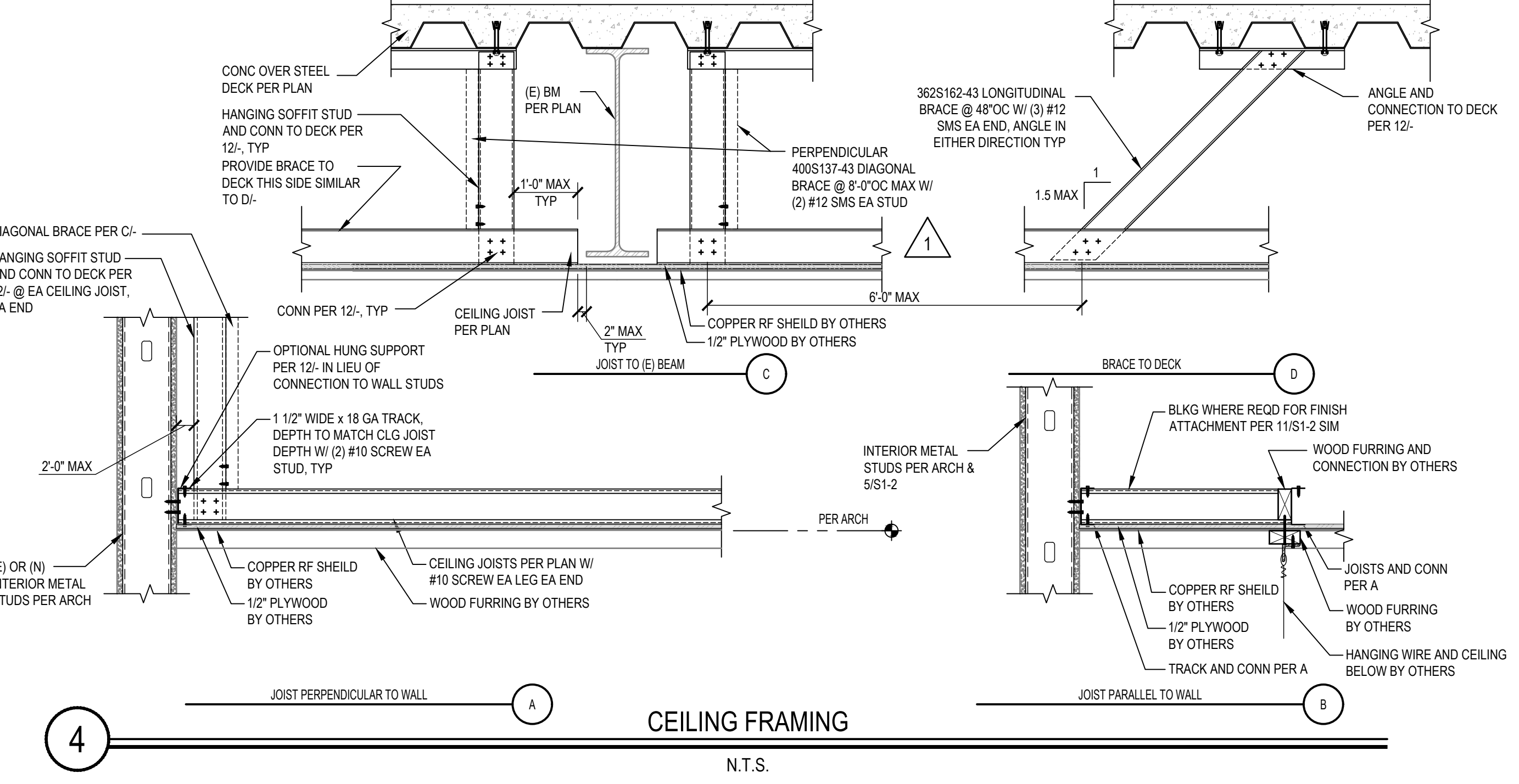
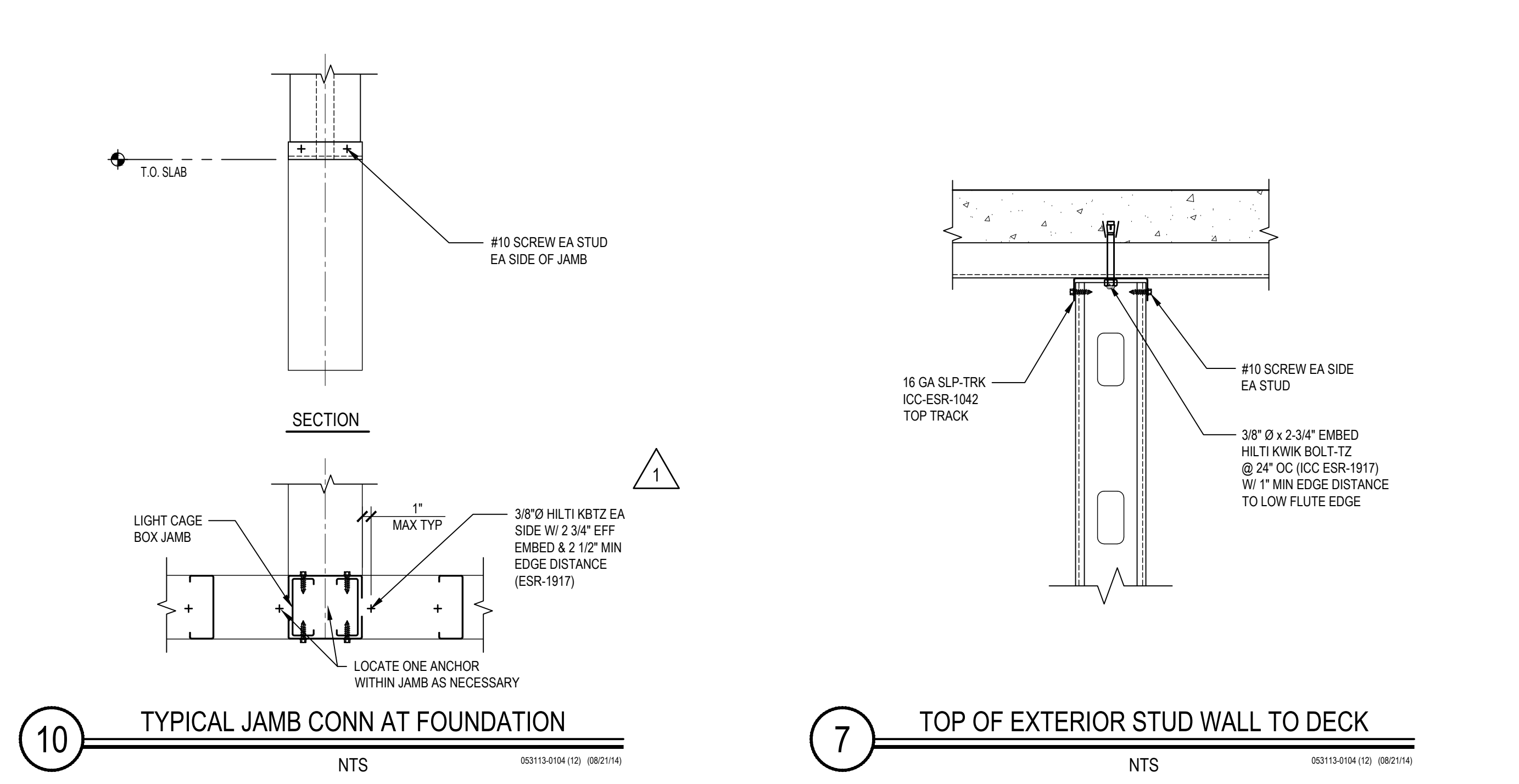
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OSHPD APPROVAL STAMP:
OSHPD # S200813-37-00-ACD0001

SHEET TITLE:

TYPICAL STEEL STUD DETAILS

PROJECT TITLE: TCMC MRI

PROJECT #: 01907.01 SHEET NUMBER: S1-3

DRAWN BY: PER TITLE

CHECKED BY: SCALE: 3/11/2020

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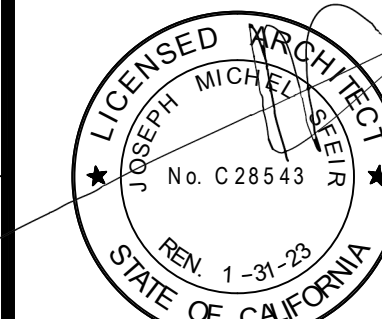
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SHEET TITLE

TYPICAL STEEL & METAL
DECK DETAILS

PROJECT TITLE

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PROJECT # 01907.01 SHEET NUMBER

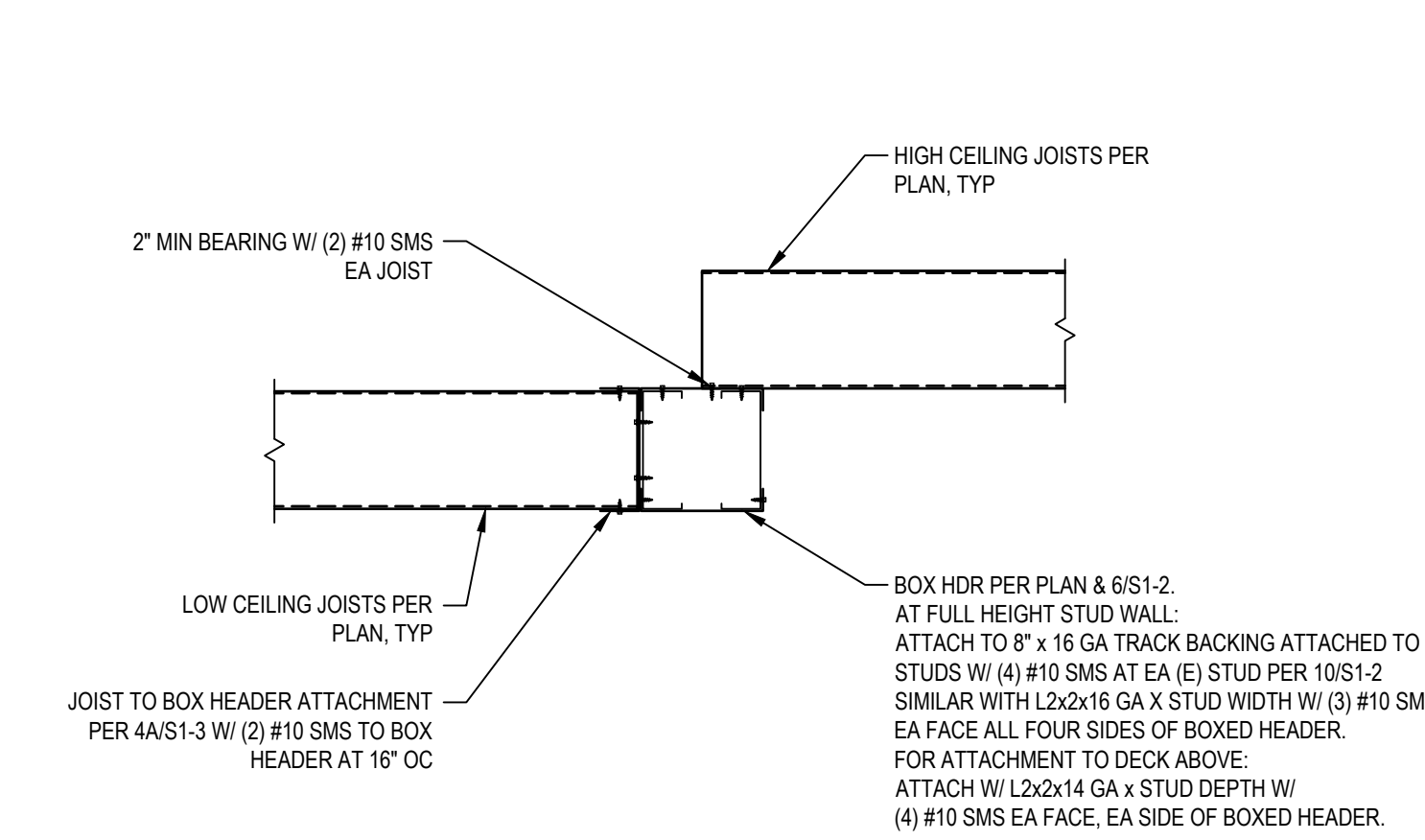
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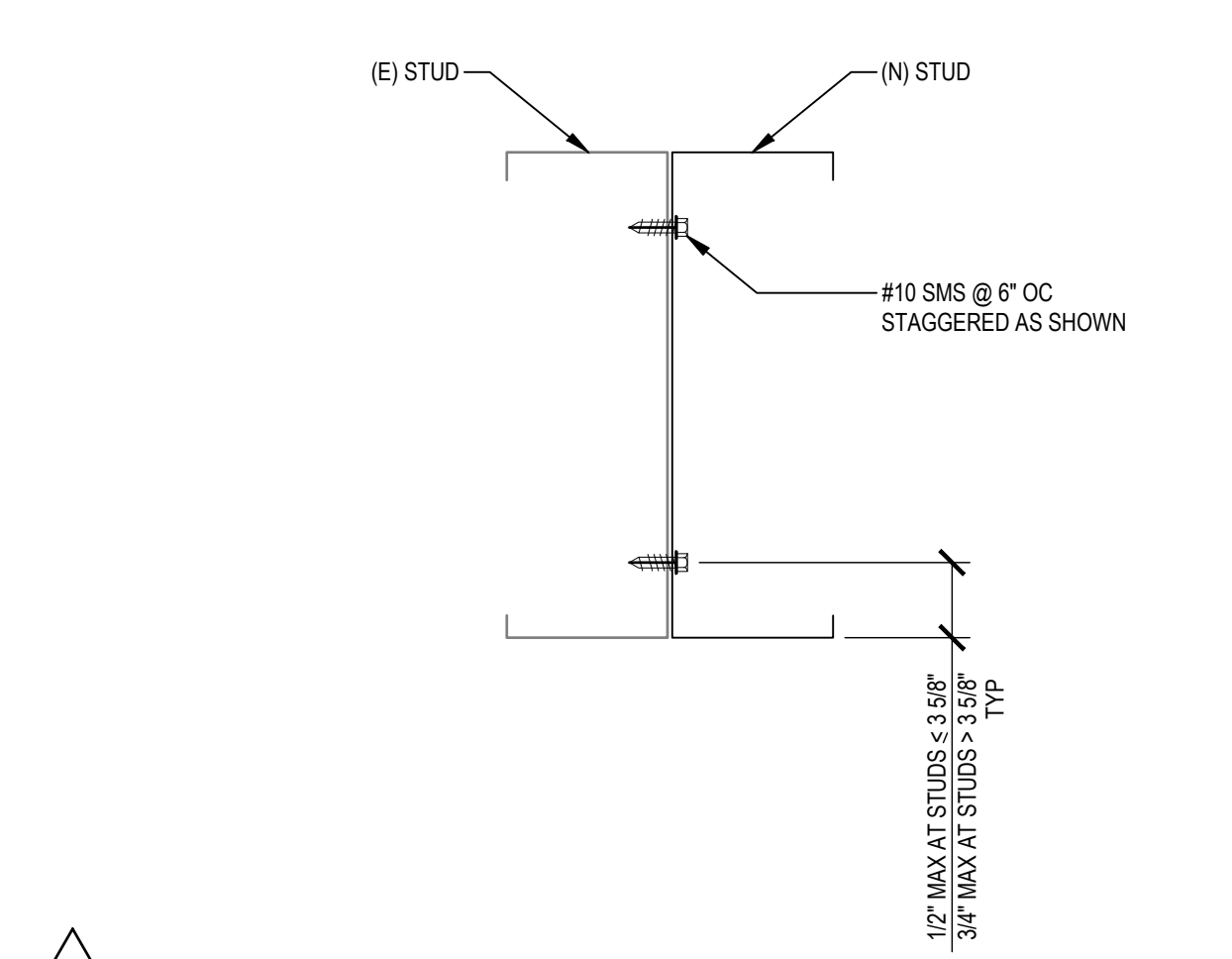
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DATE 3/11/2020

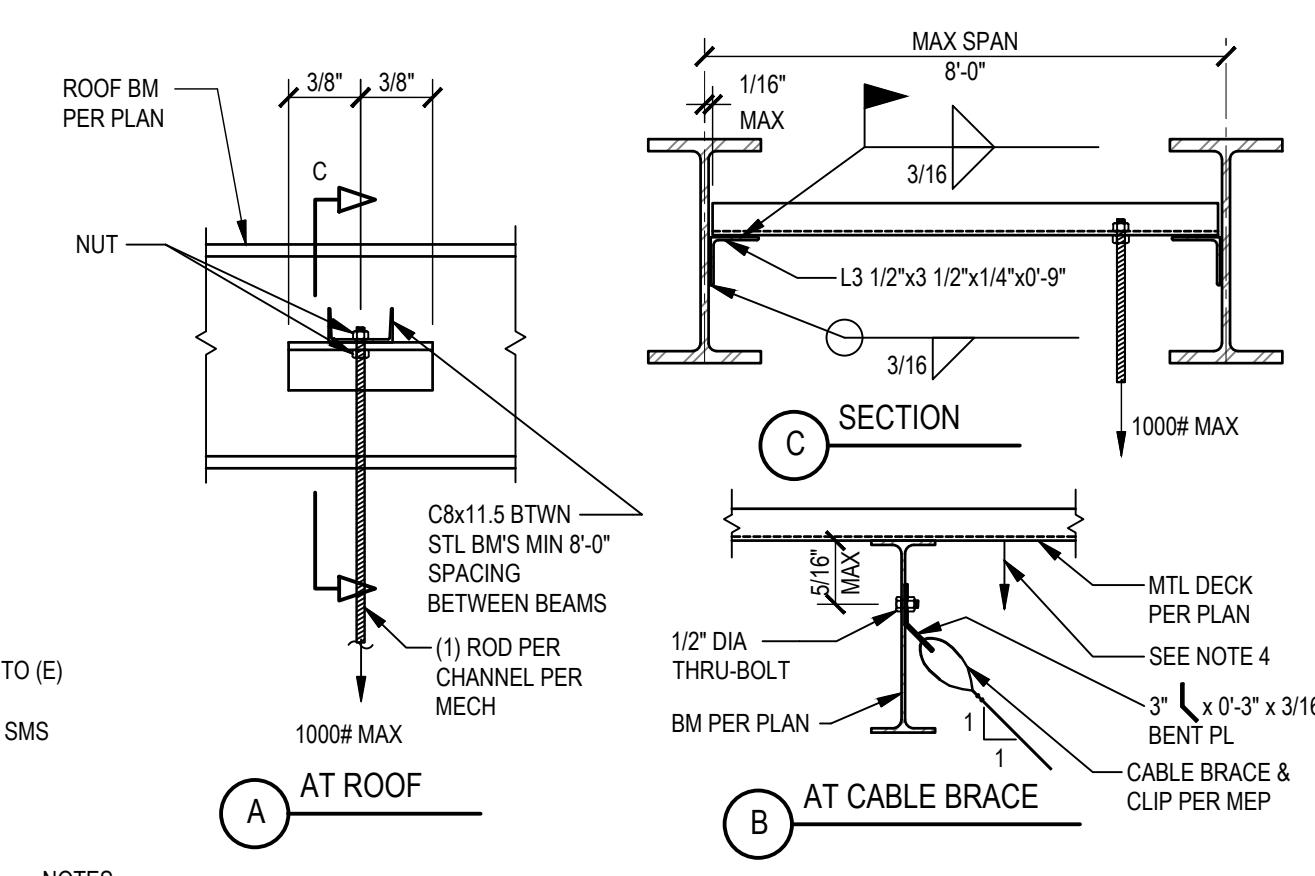
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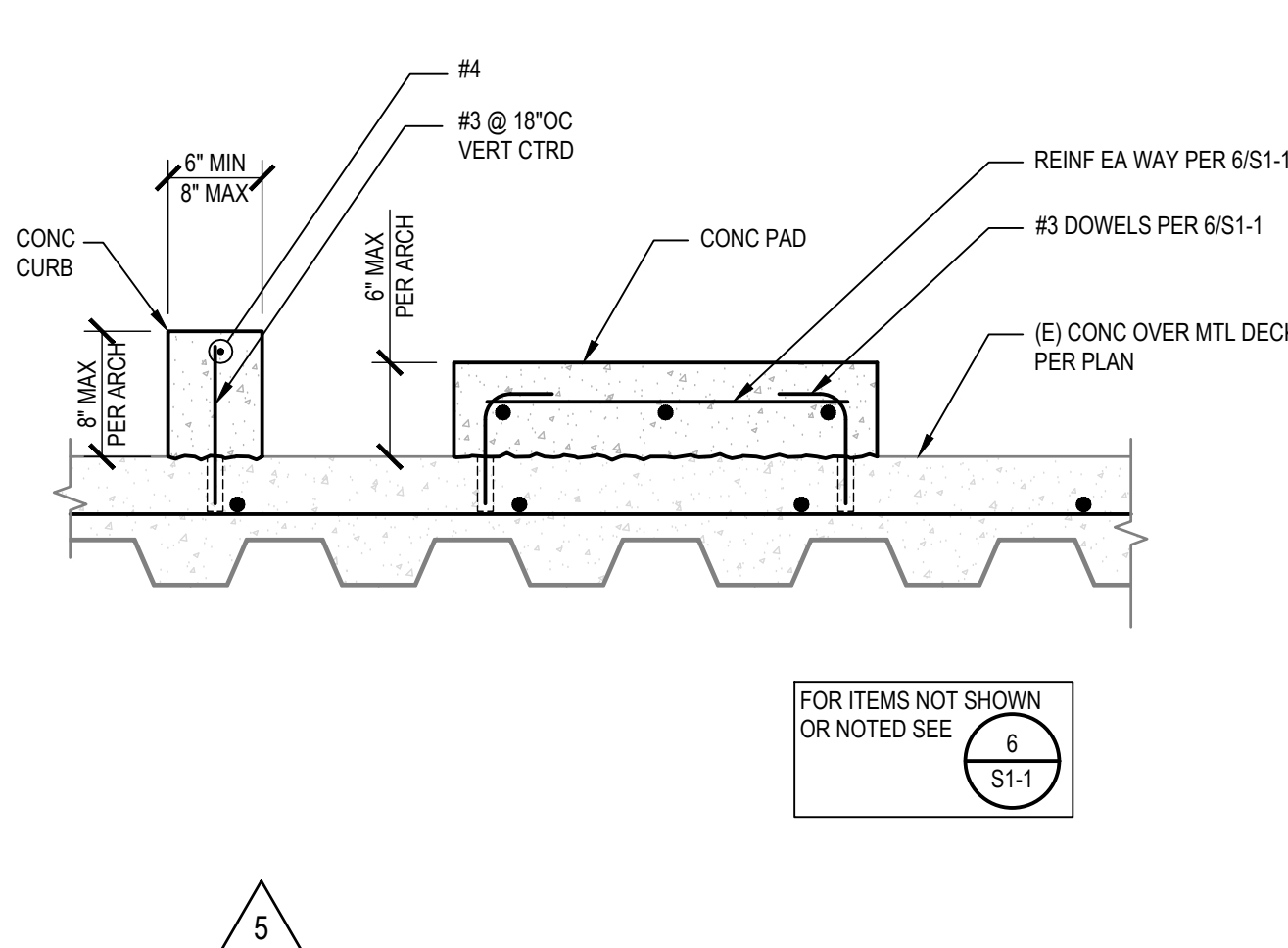
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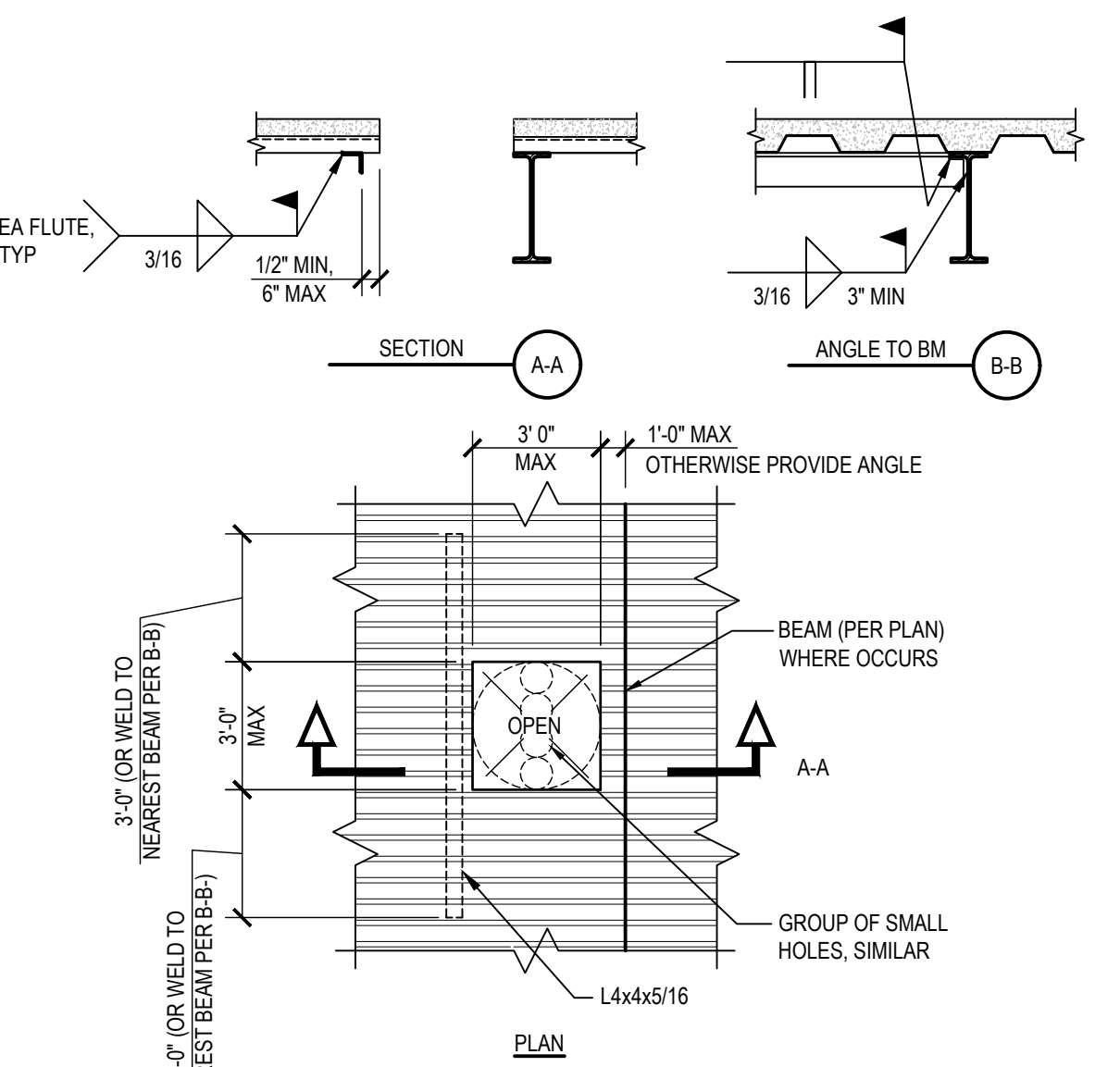
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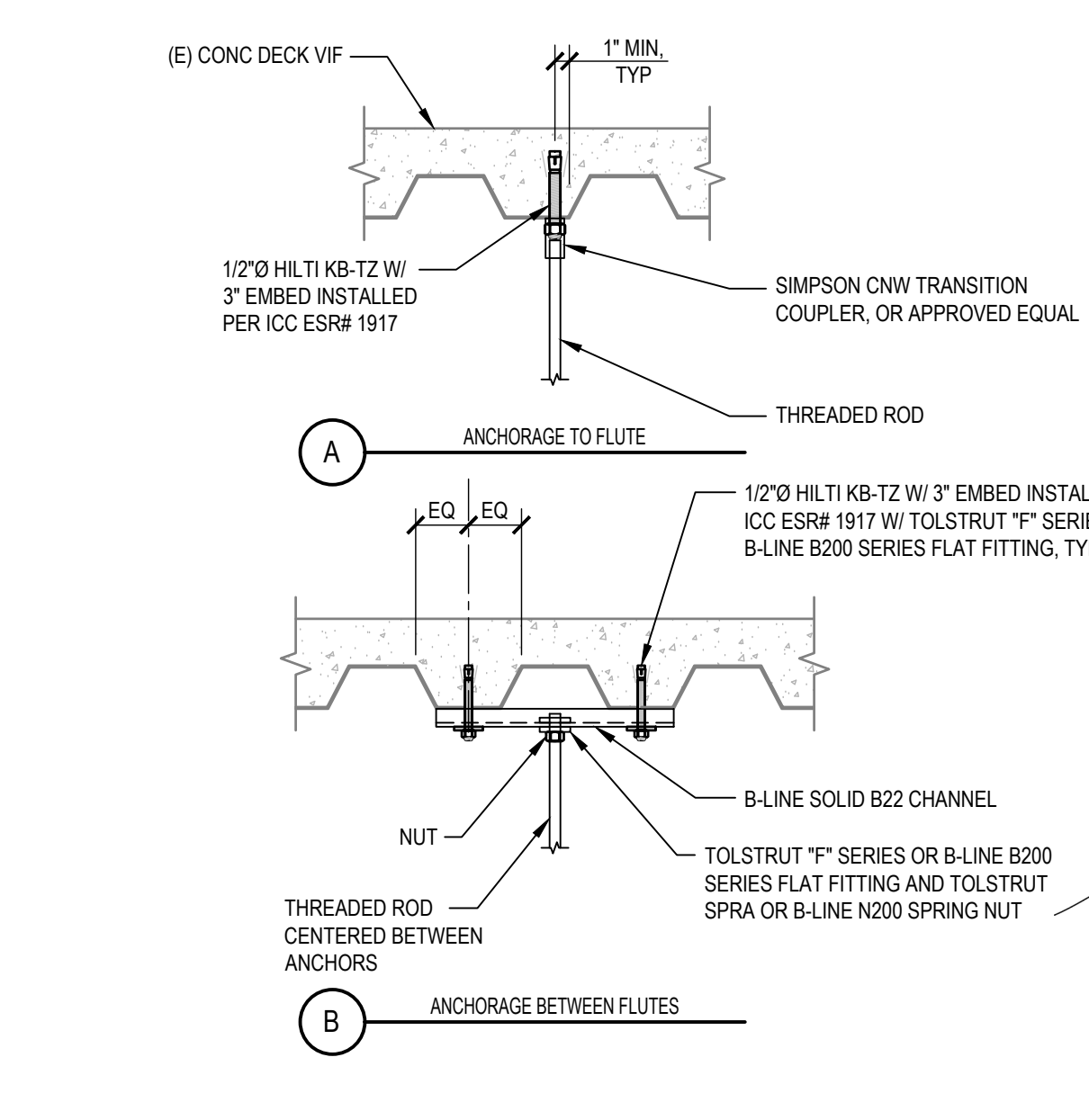
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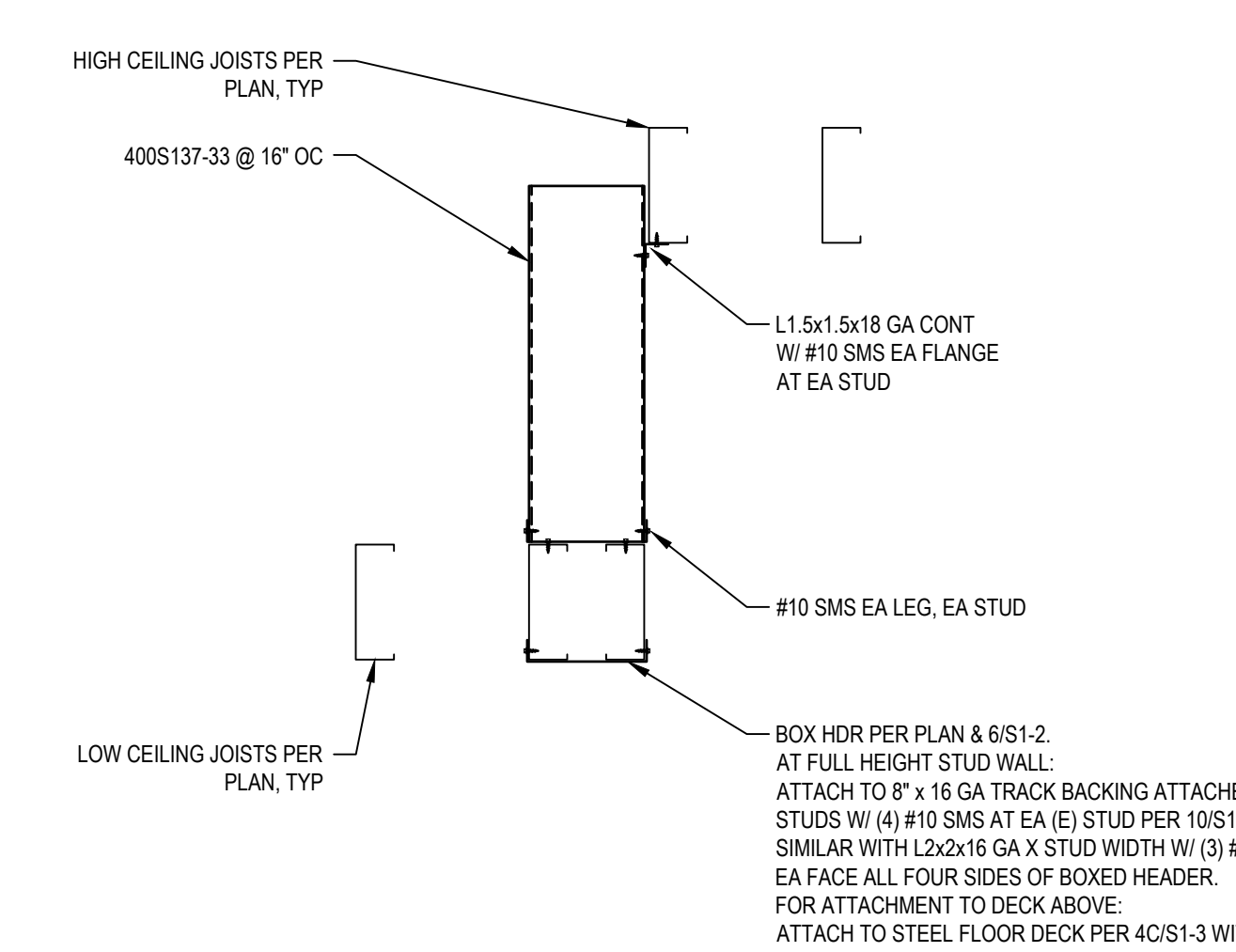
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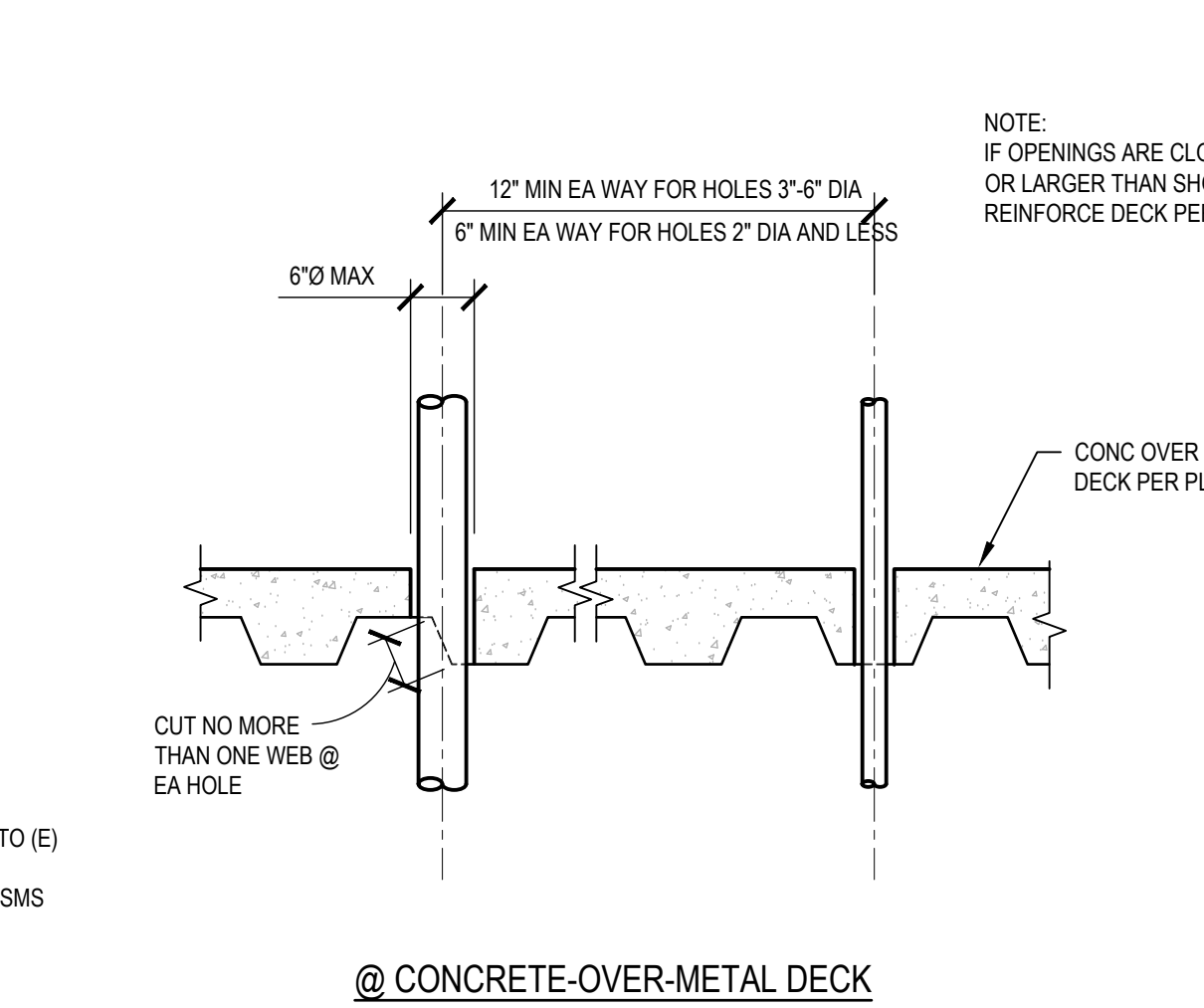
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08213-0101 (1) (086114)



2
N.T.S.



6
NTS
08213-0101 (1) (082114)



3
NTS
08213-0101 (1) (082114)

- NOTES:
- SEE MEP FOR REMAINDER OF ANCHORAGE REQUIREMENTS.
 - FOR SUPPORT ANCHORAGE TO CONC FILLED DECK SEE 2/S1-4.
 - MULTIPLE CHANNELS WITH GREATER THAN 50 POUND LOADS SHALL BE SPACED AT 1'-0" MIN. TOTAL LOAD PER BEAM SHALL NOT EXCEED 1000 LBS.
 - LOAD TO HANG FROM STEEL DECK WITHOUT CHANNEL SUPPORT SHALL NOT EXCEED 150 LBS PER SHEET OF DECK PER SPAN. MINIMUM SPACING BETWEEN ANCHORS SUPPORTING GREATER THAN 20 POUNDS SHALL BE 1'-0" MIN.
 - LAYOUTS AND CONNECTIONS TO DECK IN ACCORDANCE WITH OSHPD OPM OR SMACNA DESIGNED BY OTHERS IS ACCEPTABLE IN LIEU OF THE DETAILS ABOVE.

TCMC MRI

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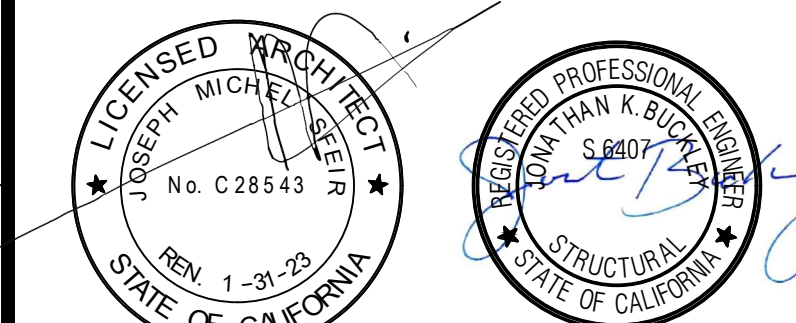
STRUCTURAL: MIYAMOTO INTERNATIONAL INC.
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MECHANICAL & PLUMBING: SC ENGINEERS, INC.
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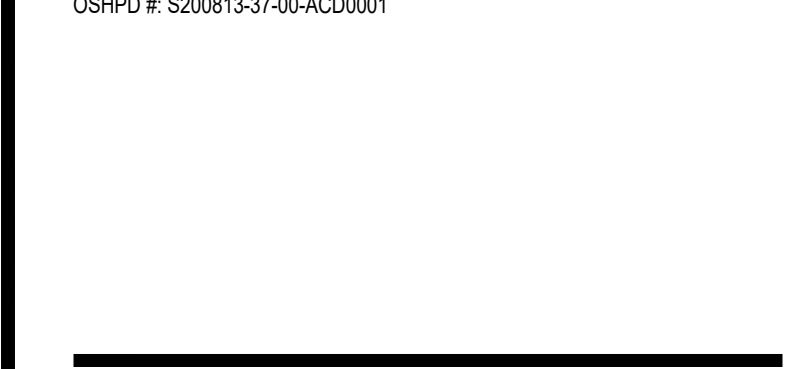
INTERIORS: ISLEY DESIGN & PLANNING
1982 PALSERO AVENUE
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NO.	DESCRIPTION	DATE
1	OSHPD COMMENTS	8/3/2020
2	DESIGN CHANGES	8/10/2020
3	OSHPD COMMENTS	10/2/2020
4	OSHPD COMMENTS	11/24/2020
5	DESIGN CHANGES	11/24/2020
6	ACD 0001 DESIGN CHANGES	04/14/2021

REV.	DESCRIPTION	DATE

CONSULTANT:
miyamoto.
5550 Baltimore Drive, Suite 100 La Mesa, CA 91942
M1910084.00
OSHPD APPROVAL STAMP:
OSHPD # S200813-37-00-ACD0001



SHEET TITLE:
PARTIAL FOUNDATION PLAN - WEST

PROJECT TITLE:
TCMC MRI

PROJECT #:
01907.01

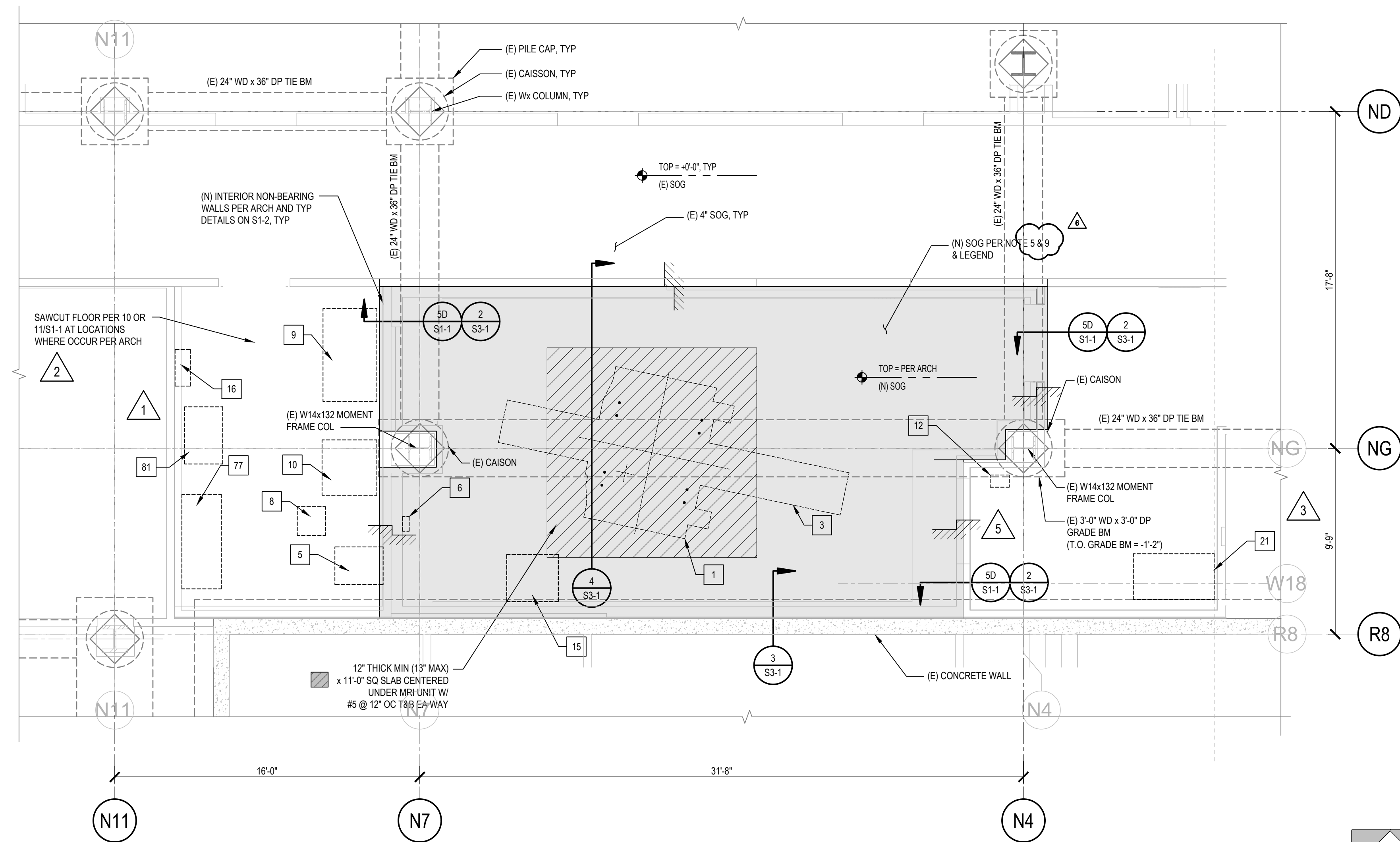
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SCALE:
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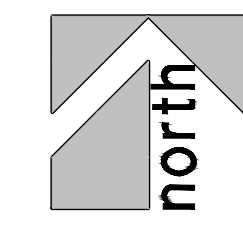
DATE:
3/11/2020

SHEET NUMBER:
S2-10



FOUNDATION PLAN - WEST

1/4" = 1'-0"



EQUIPMENT TAG	DESCRIPTION	MAX WEIGHT (LBS)	OSP #	MODEL NO. ⁸	LOCATION	ANCHORAGE DETAIL	SEISMIC COEFFICIENTS			MIN LENGTH "A"	MIN WIDTH "B"	HEIGHT	MAX CENTER OF GRAVITY "C"	ANCHORAGE	TEST LOAD
							R _h	R _c	Ω						
01	3T MAGNET	17,000	-	-	FLOOR MOUNT	10/S4-1	2.5	2.5	2	53"	53"	93.8'	41.9'	(8) 1-1/4" Ø HAS-R 316 STAINLESS STEEL THREADED ROD IN HILTI HIT-HY 200 EPOXY W/ 9" EMBED	PULL TEST LOAD = 10,500 LBS
03	PATIENT TABLE (MOBILE)	500	-	-	FLOOR MOUNTED DOCK ANCHOR ONLY	10/S4-1	N/A	N/A	N/A	90"	40.5'	40"	N/A	(1) 3/4" Ø F1554 GR 55 THREADED ROD IN HILTI HIT-HY 200 EPOXY W/ 5" EMBED	PULL TEST LOAD = 5,000 LBS
05	PENETRATION CABINET	650	-	-	FLOOR MOUNT	3/S4-1	2.5	6.0	2	26.6"	21.3"	75.6'	23.5'	L3x3x1/4" x 2'-0" LONG W/ (3) 1/2" Ø BOLTS TO CABINET FRAME AND (4) 1/2" Ø HILTI KWIK BOLTS-TZ W/ 2" EMBED	TORQUE TEST LOAD = 40 FT-LB
06	SECONDARY PENETRATION WALL	100	-	-	WALL MOUNT	4/S4-1	2.5	6.0	2	14"	50"	60.5'	1"	(4) 1/4" Ø SHEET METAL SCREWS MIN	-
08	CRYOCOOLER COMPRESSOR (MOBILE)	280	-	-	FLOOR MOUNT	6/S4-1	2.5	6.0	2	18"	13"	24"	14"	(4) 1/2" Ø HILTI KWIK BOLT-TZ W/ 2" EMBED	TORQUE TEST LOAD = 40 FT-LB
09	POWER, GRADIENT, RF CABINET	3,300	-	-	FLOOR MOUNT	3/S4-1	2.5	6.0	2	26.6"	21.3"	82.6'	23.5'	L3x3x1/4" x 2'-0" LONG W/ (3) 1/2" Ø BOLTS TO CABINET FRAME AND (4) 1/2" Ø HILTI KWIK BOLTS-TZ W/ 2" EMBED	TORQUE TEST LOAD = 40 FT-LB
10	HEAT EXCHANGER CABINET	1350	-	-	FLOOR MOUNT	3/S4-1	1	2.5	2	37.7"	21.3"	74.6'	28.4"	L3x3x1/4" x 2'-0" LONG W/ (3) 1/2" Ø BOLTS TO CABINET FRAME AND (4) 1/2" Ø HILTI KWIK BOLTS-TZ W/ 2" EMBED	TORQUE TEST LOAD = 40 FT-LB
12	OPERATOR CONSOLE COMPUTER	150	-	-	FLOOR MOUNT	3/S4-1	2.5	6.0	2	29.7"	3.1"	23.3'	11.7"	(4) 1/2" Ø HILTI KWIK BOLT-TZ W/ 2" EMBED	TORQUE TEST LOAD = 40 FT-LB
15	PHANTOM SET STORAGE CABINET	350	-	-	FLOOR MOUNT	-	-	-	-	32.5"	30"	60"	32"	N/A, MOBILE EQUIPMENT ON CASTERS	-
16	MAIN DISCONNECT PANEL	130	OSP-0457-10	M7000WL	WALL MOUNT	4/S4-1	2.5	6.0	2	22.1"	36.3"	35.4'	5.7"	(4) 3/8" DIA BOLTS	-
21	PYXIS DOUBLE COLUMN	2,810	-	-	FLOOR MOUNT	6/S3-1	1.0	1.5	1.5	50"	26.5"	79.5'	45.6'	(8) 1/2" Ø HILTI KWIK BOLT-TZ WITH 2" EMBED, SEE NOTE 10	TORQUE TEST LOAD = 40 FT-LB
34	DIMPLEX CHILLER	4,400	OSP-0169-10	W02-7500	ROOF MOUNT	1/S2-30	2.5	2.0	2	86"	31.4"	100"	47"	(4) 1/2" Ø BOLTS AT TOP & BOTTOM OF EA ISOLATOR, SEE NOTE 9 FOR ISOLATORS	-
35	CONDENSER UNIT	550	OSP-0537	TUHY0723AN40AN	ROOF MOUNT	2/S2-30	2.5	3.0	1.5	29"	26"	72"	36"	(4) 1/2" DIA BOLTS	-
82	HUMIDIFIER	188	OSP-0225-10	EL SPACE 005	WALL MOUNT	4/S4-1	2.5	6.0	2	12.5"	31.4"	35.4'	7.2"	(4) 3/8" DIA BOLTS	-
83	FAN COIL	240	OSP-0537	TPEFY072MH140A	HUNG	2/S1-4	2.5	6.0	2	54"	40"	19"	9"	(4) 1/2" DIA THRD RODS W/ P100 ROD STIFF. 3/16" DIA AIRCRAFT CABLE ALL 4 CORNERS W/ MASON SCB/SCBH CLIPS EA END, ATTACH TO DECK PER 2/S1-4	TORQUE TEST LOAD = 40 FT-LB
77	UPS AND BATTERY CABINET	2,250	OSP-0088-10	150 KVA S5 SERIES UPS	FLOOR MOUNT	3/S4-1	1	2.5	2	49.1"	29.1"	71.2'	35"	(4) 1/2" HILTI KWIK BOLT-TZ W/ 3" EMBED ON CONC PAD PER 6/S1-1 W/ 3" EDGE DISTANCE	TORQUE TEST LOAD = 40 FT-LB
79	MRI TRANSFORMER	550	OSP-0008-10	V48M28T4516CU	FLOOR MOUNT	9/S4-1	1	2.5	2	11"	21.4"	36.9"	20"	(4) 1/2" HILTI KWIK BOLT-TZ W/ 2" EMBED ON PAD PER 6/S1-4	TORQUE TEST LOAD = 40 FT-LB
80	PANELBOARD	150	OSP-0009-10	PRL 1a/2a	WALL MOUNT	12/S4-1	2.5	6.0	2	20.75"	6.44"	60.25'	3.8"	SEE DETAIL 12/S4-1	SEE DETAIL 12/S4-1
81	MBC MRI	660	OSP-0010-10	MEDP092012-009a	FLOOR MOUNT	9/S4-1	2.5	6.0	2	30.0"	26.5"	90.5'	50"	(4) 1/2" DIA HILTI KWIK BOLT-TZ W/ 3 1/4" EMBED ON 4" CONC PAD PER 6/S1-1 (3" MIN CONC EDGE DISTANCE)	TORQUE TEST LOAD = 40 FT-LB

- NOTES:
- SEE ARCH FOR REMAINDER OF EQUIPMENT.
 - FOR TO BE INFORMED OF ANY INFORMATION DIFFERENT THAN VALUES SHOWN IN SCHEDULE.
 - VIBRATION SPRING ISOLATORS OR NEOPRENE REQUIREMENT NOT COVERED BY EOR AND MUST BE SUPPLIED BY MFR OR MECH.
 - INSTALL ANCHORS PER THE FOLLOWING ICC REPORT #S
HILTI HIT-HY 200: ICC ESR-3187
HILTI KWIK-BOLT-TZ: ICC ESR-1917
SEE MECHANICAL/ELECTRICAL/PLUMBING DRAWINGS FOR ANY UNITS NOT SHOWN ON PLAN.
 - ALL ANCHORS EXPOSED TO ELEMENTS SHALL BE HOT-DIPPED GALVANIZED OR STAINLESS STEEL.
 - ALL CONCRETE ANCHORS TO HAVE A MINIMUM EDGE DISTANCE OF 6" IN ALL DIRECTIONS.
 - MODEL NUMBERS PER ARCH/MEP AND NOT CHOSEN BY SEOR.
 - (8) TOTAL MASON SLR50-B-750 SPRING ISOLATORS.
 - UNIT IS ATTACHED TO SEISMIC ANCHORING KIT PER MANUFACTURER AND SEISMIC ANCHORING KIT IS ANCHORED TO SLAB PER SCHEDULE.

3

5

TCMC MRI

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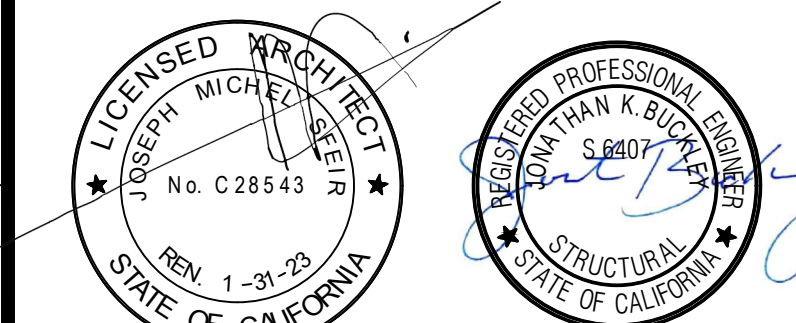
STRUCTURAL: MIYAMOTO INTERNATIONAL INC.
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MECHANICAL & PLUMBING: SC ENGINEERS, INC.
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REV	DESCRIPTION	DATE
1	OSHPD COMMENTS	8/3/2020
2	DESIGN CHANGES	8/10/2020
3	OSHPD COMMENTS	10/2/2020
4	OSHPD COMMENTS	11/24/2020
5	DESIGN CHANGES	11/24/2020
6	ACD 0001 DESIGN CHANGES	04/14/2021

REV	DESCRIPTION	DATE

CONSULTANT

miyamoto.

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miyamotointernational.com

OSHPD APPROVAL STAMP:

OSHPD # S200813-37-00-ACD0001

SECOND FLOOR FRAMING PLAN - WEST

PROJECT TITLE

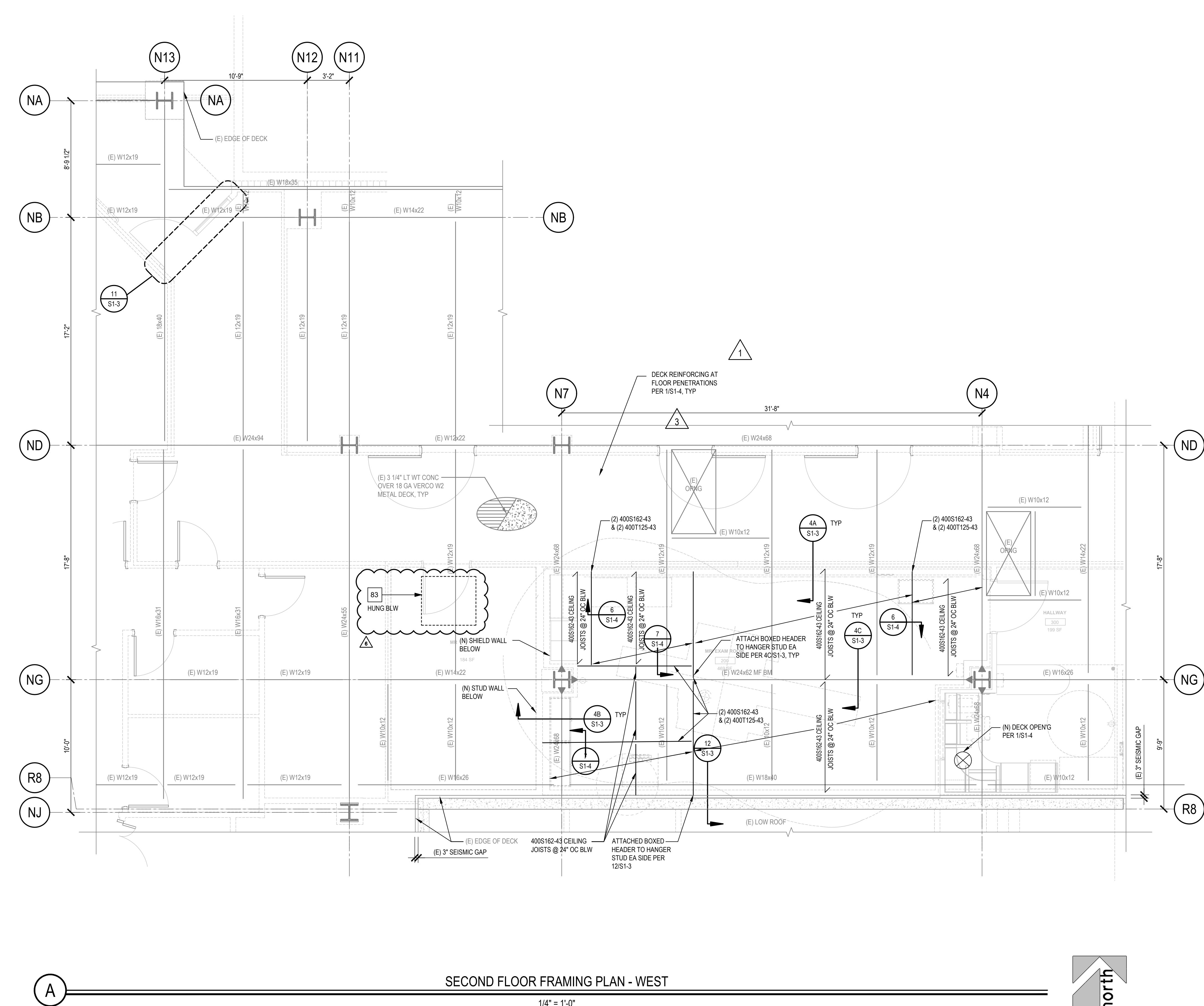
TCMC MRI

PROJECT # 01907.01 SHEET NUMBER

CHECKED BY: PER TITLE

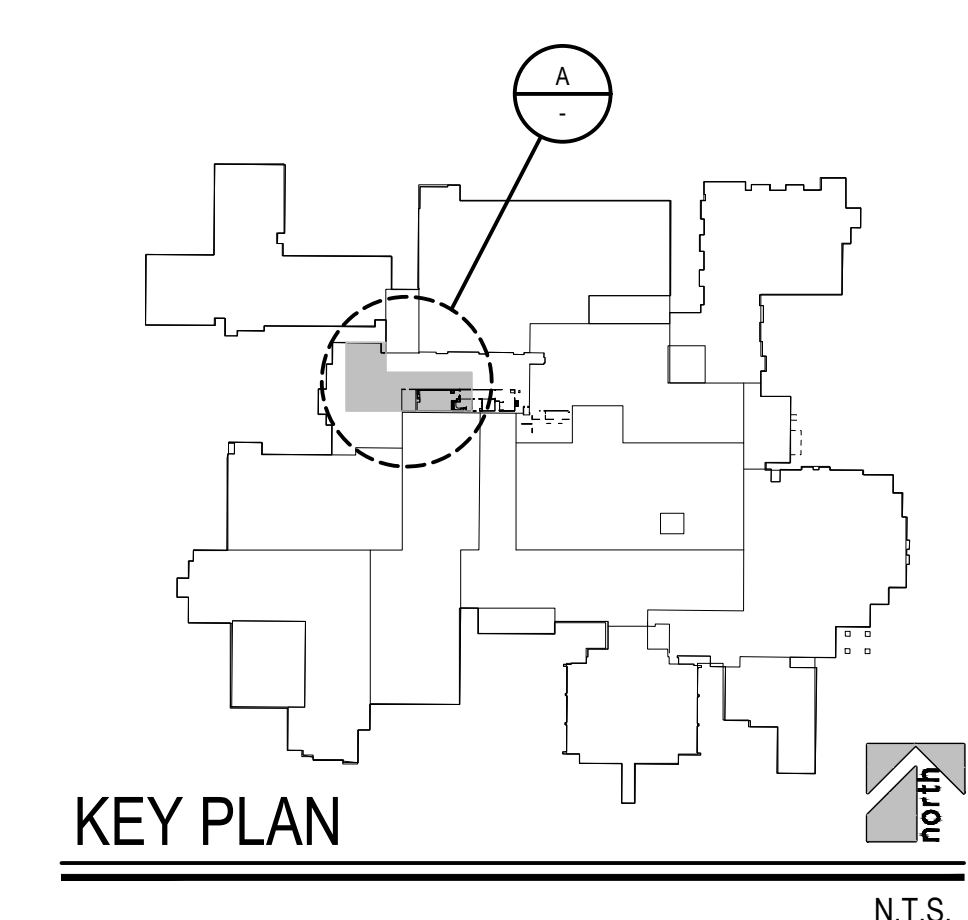
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S2-20



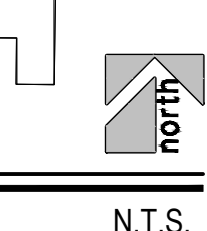
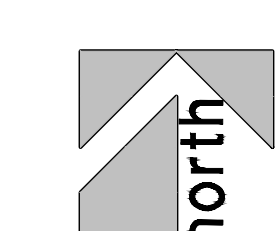
- NOTES:
- FOR ANY DIMENSIONAL INFORMATION NOT SHOWN, SEE ARCH'D DRAWINGS.
 - SEE SHEET S0-1 AND S0-2 FOR GENERAL NOTES AND S1-1 THRU S1-3 FOR TYPICAL DETAILS.
 - SEE ARCH FOR ALL INTERIOR PARTITIONS AND CEILINGS.
 - ALL EXISTING DIMENSIONS AND SPACING SHALL BE VERIFIED IN FIELD.
 - ALL EXISTING MEMBERS MARKED WITH 'E' SHALL SPECIFICALLY BE VERIFIED IN FIELD. NOTIFY SEOR OF ANY DEVIATIONS.
 - EXISTING FIREPROOFING SHALL BE REMOVED AS NECESSARY AND REPLACED.

- LEGEND:
- INDICATES EXISTING CONCRETE OVER METAL DECK PER SCHEDULE THIS SHEET
 - INDICATES EQUIPMENT ANCHORAGE TAG PER S2-10 SCHEDULE.
 - INDICATES EXISTING CONCRETE WALL
 - INDICATES EXISTING OPENING
 - INDICATES EXISTING SEISMIC JOINT
 - (E) INDICATES EXISTING
 - (N) INDICATES NEW
 - INDICATES (N) OPENING IN (E) METAL DECK PER 1/S1-4
 - INDICATES (E) MOMENT CONNECTION
 - INDICATES (N) ROOFTOP MECHANICAL UNIT
 - INDICATES NON-BEARING WALL ABOVE PER ARCH
 - INDICATES NON-BEARING WALL BELOW PER ARCH



SECOND FLOOR FRAMING PLAN - WEST

1/4" = 1'-0"



TCMC MRI

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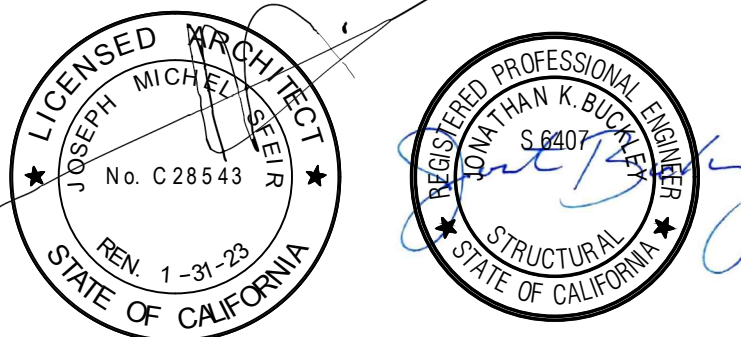
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LA MESA, CA 91942
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MECHANICAL & PLUMBING: SC ENGINEERS, INC.
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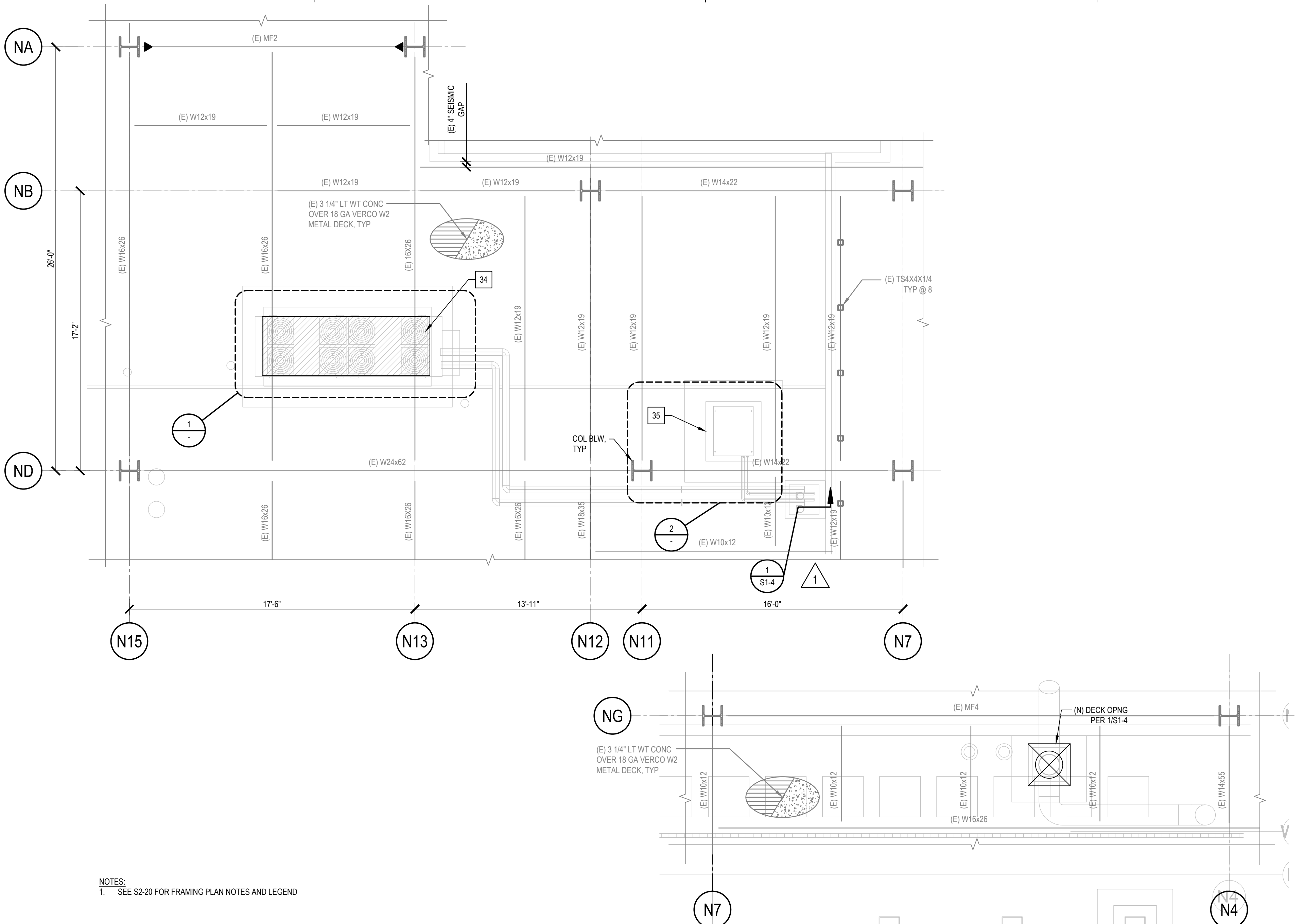
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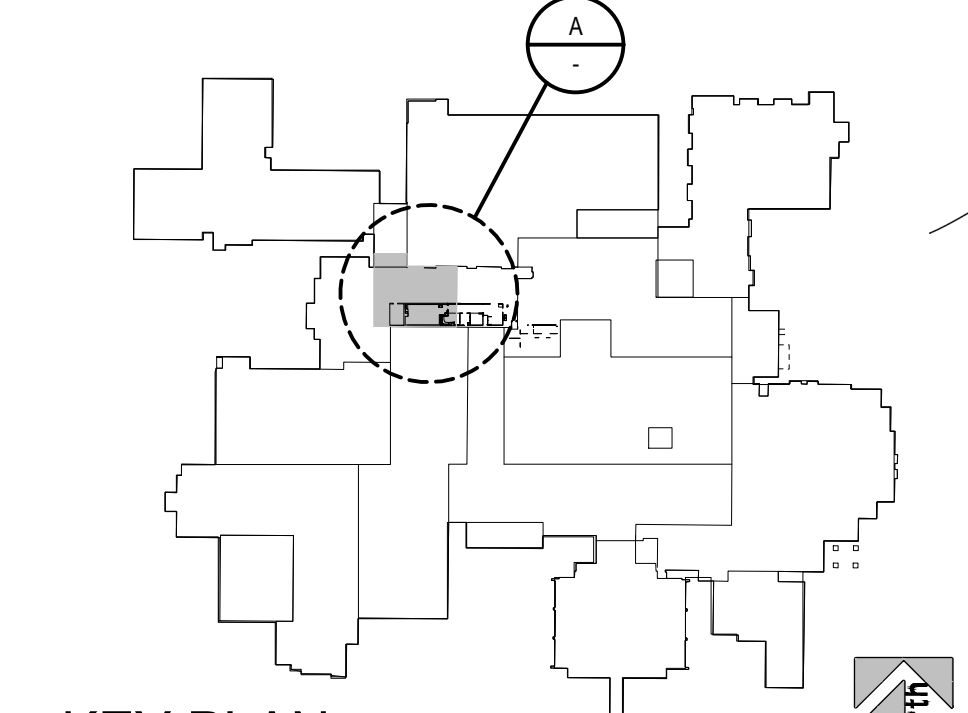
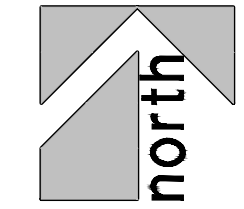
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REV	DESCRIPTION	DATE
▲	OSHPD COMMENTS	8/3/2020
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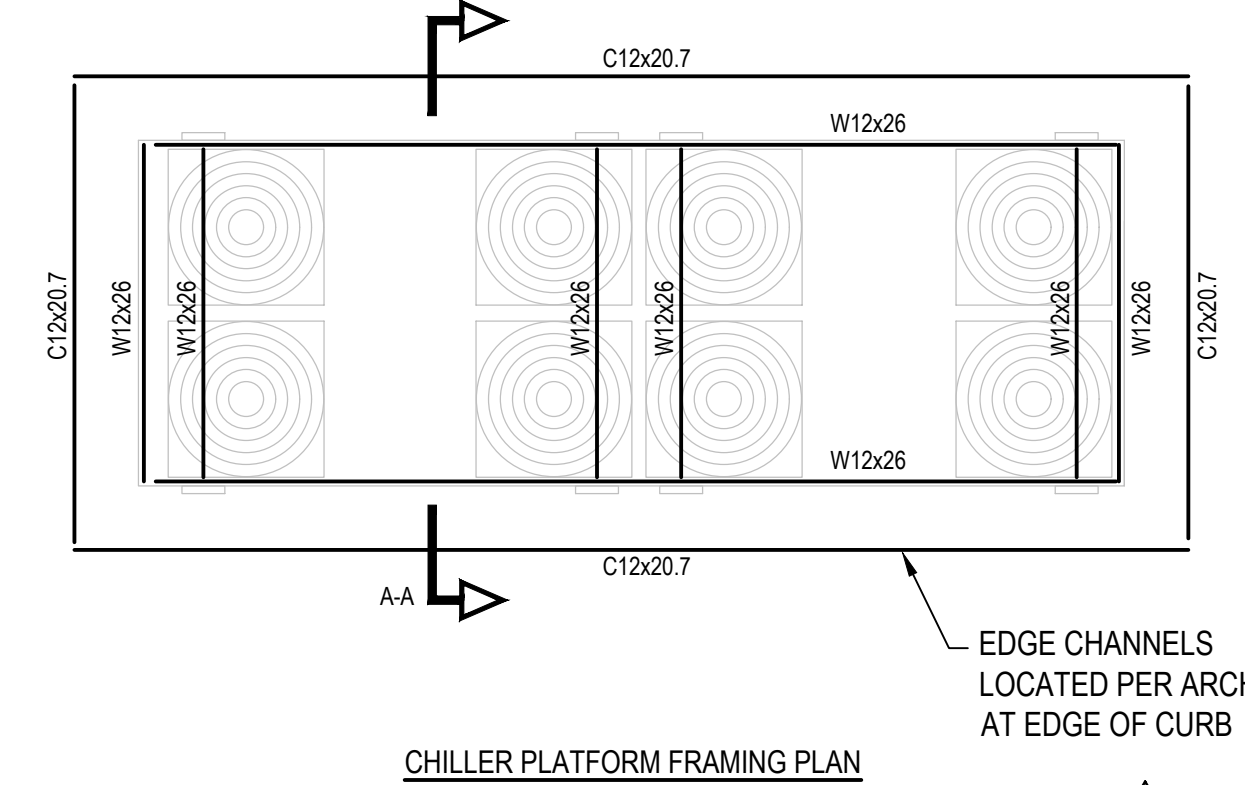
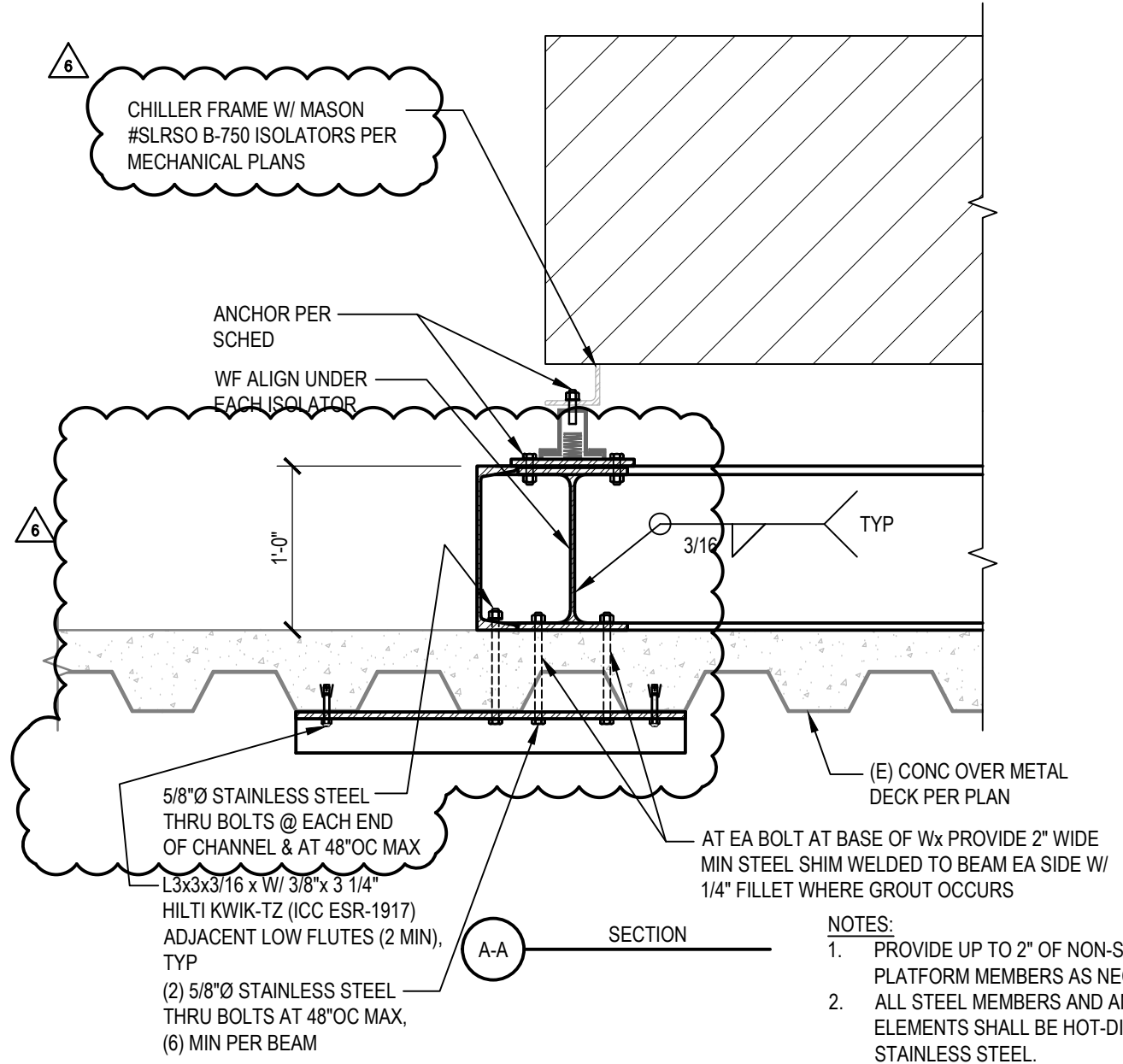


NOTES:
1. SEE S2-20 FOR FRAMING PLAN NOTES AND LEGEND



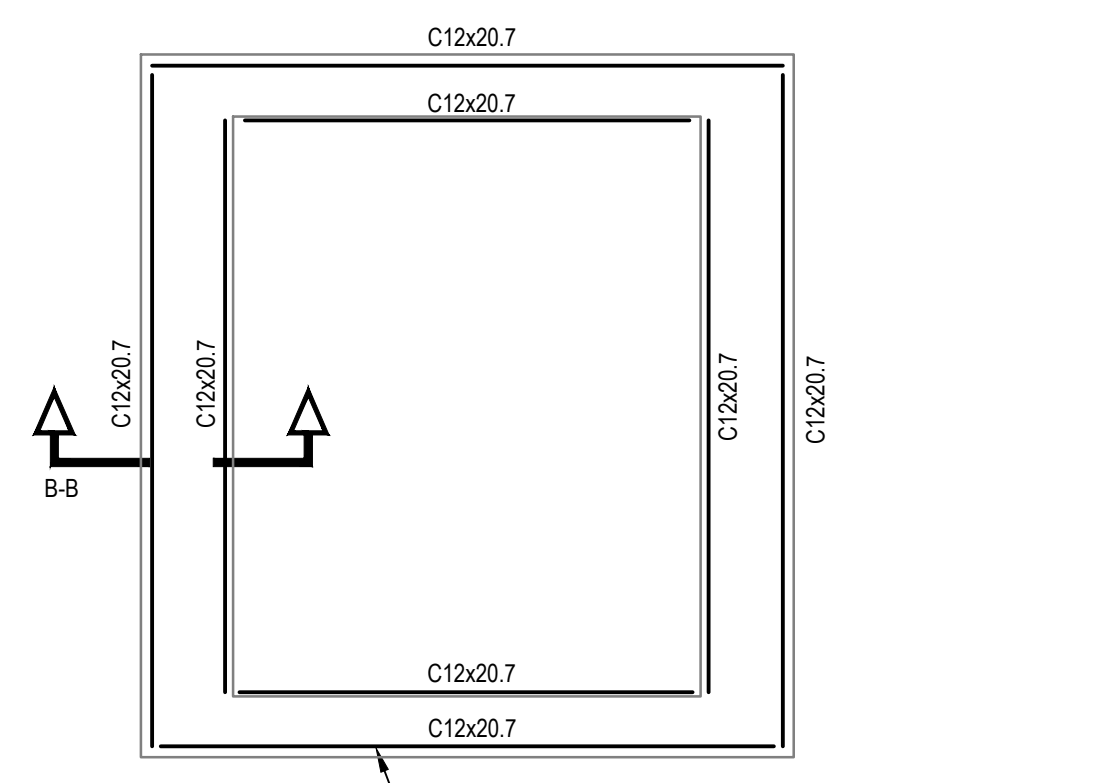
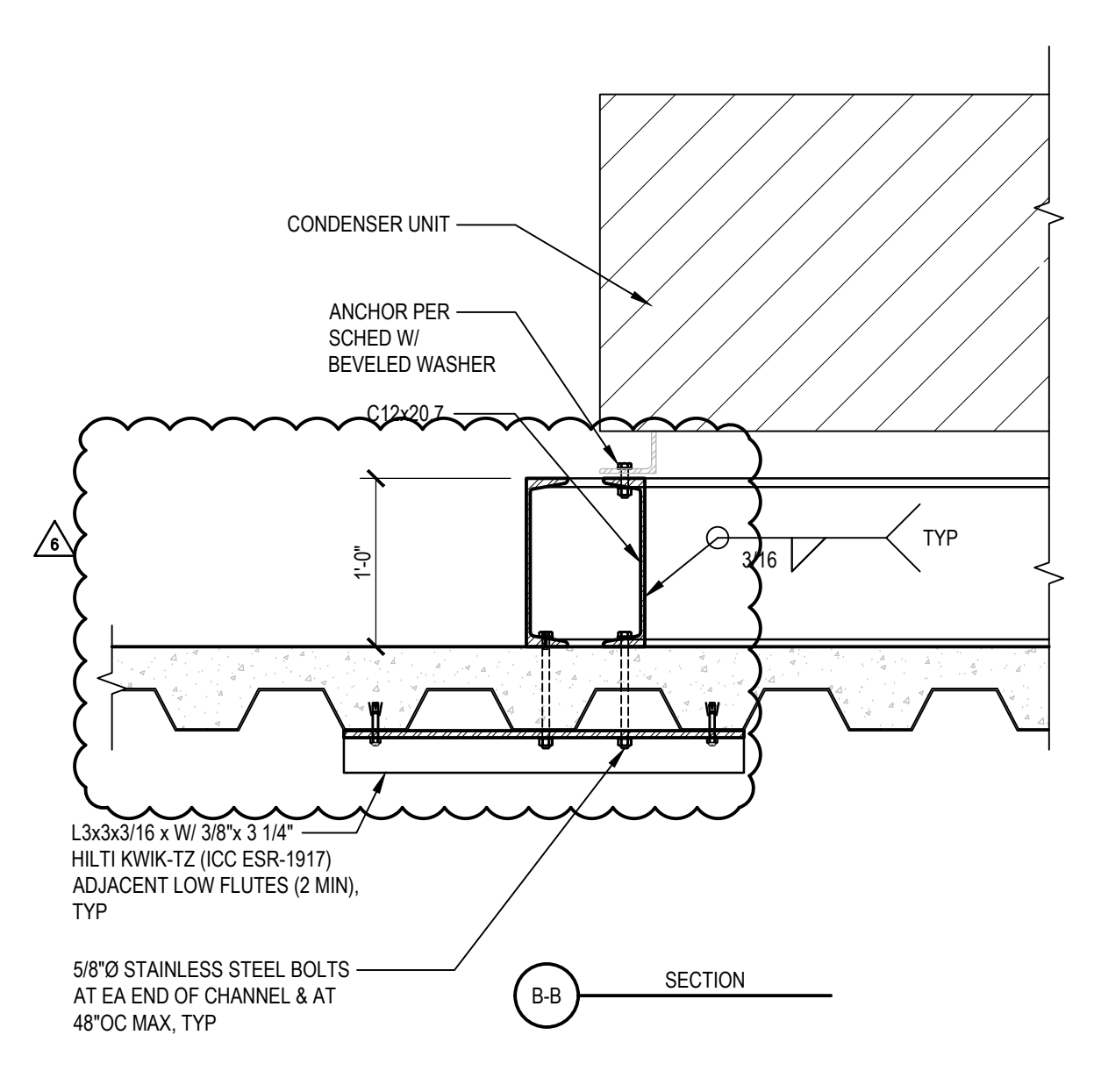
KEY PLAN
N.T.S.

A 1/4" = 1'-0"
2ND FLOOR ROOF FRAMING PLAN
north



NOTES:
1. PROVIDE UP TO 2" OF NON-SHRINK GROUT BENEATH PLATFORM MEMBERS AS NECESSARY FOR LEVELING
2. ALL STEEL MEMBERS AND ANCHORS EXPOSED TO ELEMENTS SHALL BE HOT-DIPPED GALVANIZED OR STAINLESS STEEL.

1 CHILLER PLATFORM
NTS



NOTES:
1. PROVIDE UP TO 2" OF NON-SHRINK GROUT BENEATH PLATFORM MEMBERS AS NECESSARY FOR LEVELING
2. ALL STEEL MEMBERS AND ANCHORS EXPOSED TO ELEMENTS SHALL BE HOT-DIPPED GALVANIZED OR STAINLESS STEEL.

2 CONDENSER PLATFORM
NTS

REV: _____ DESCRIPTION: _____ DATE: _____

CONSULTANT:

miyamoto.

5530 Baltimore Drive, Suite 100 La Mesa, CA 91942 MI1910084.00
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OSHPD APPROVAL STAMP:
OSHPD # S200813-37-00-ACD0001

SHEET TITLE:
2ND FLOOR ROOF FRAMING PLAN

PROJECT TITLE:
TCMC MRI

PROJECT #: 01907.01 SHEET NUMBER:
DRAWN BY: _____
CHECKED BY: _____

SCALE: _____ PER TITLE
DATE: 3/11/2020

S2-30

TCMC MRI

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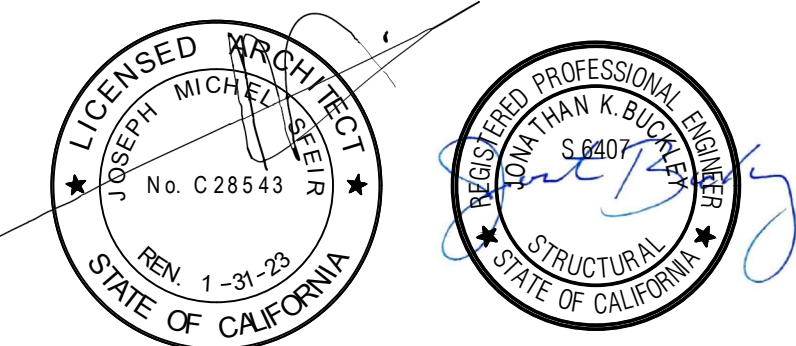
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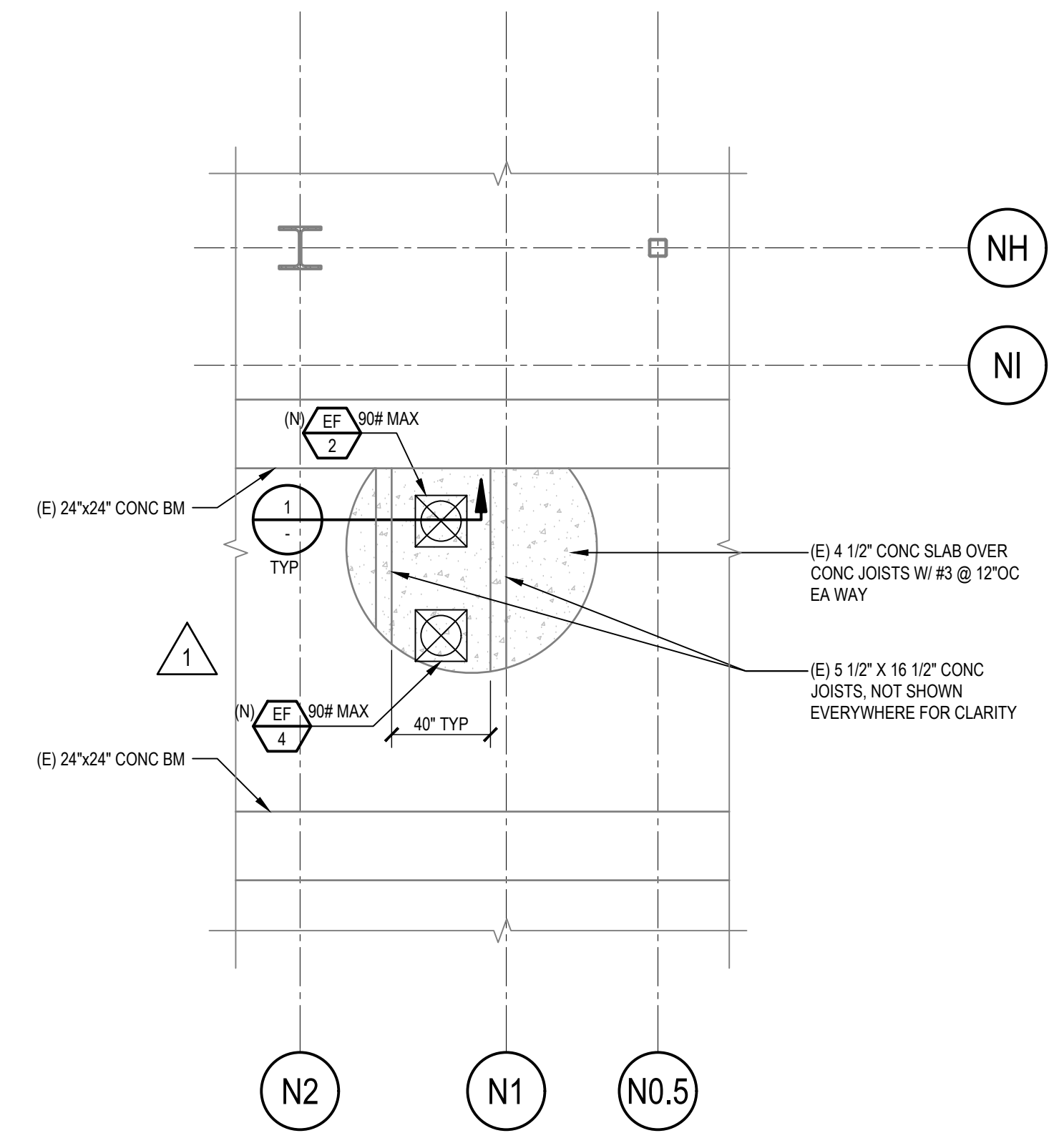
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△△	ACD 0001 DESIGN CHANGES	04/14/2021

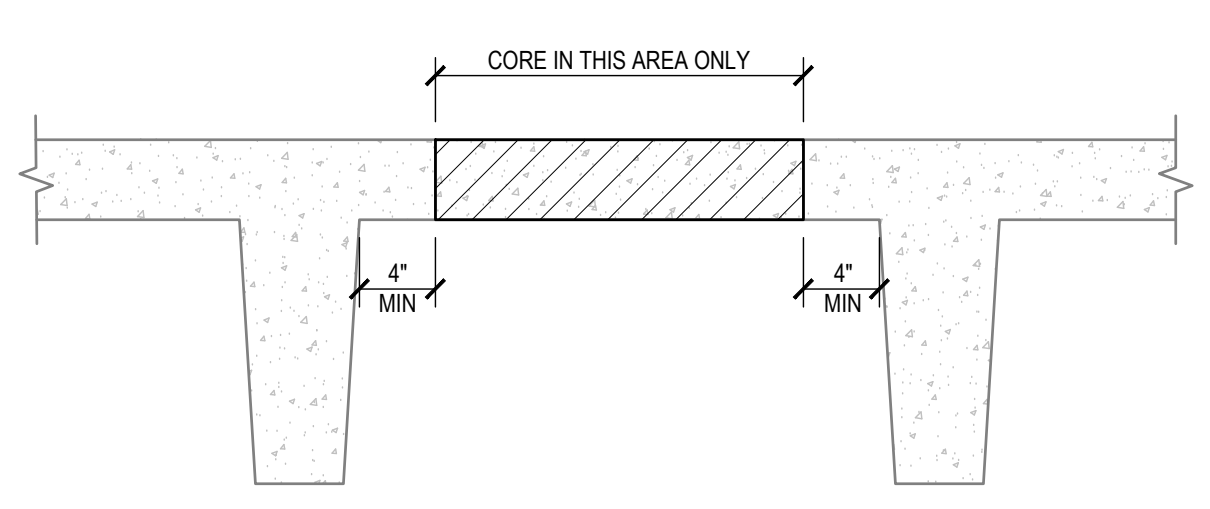
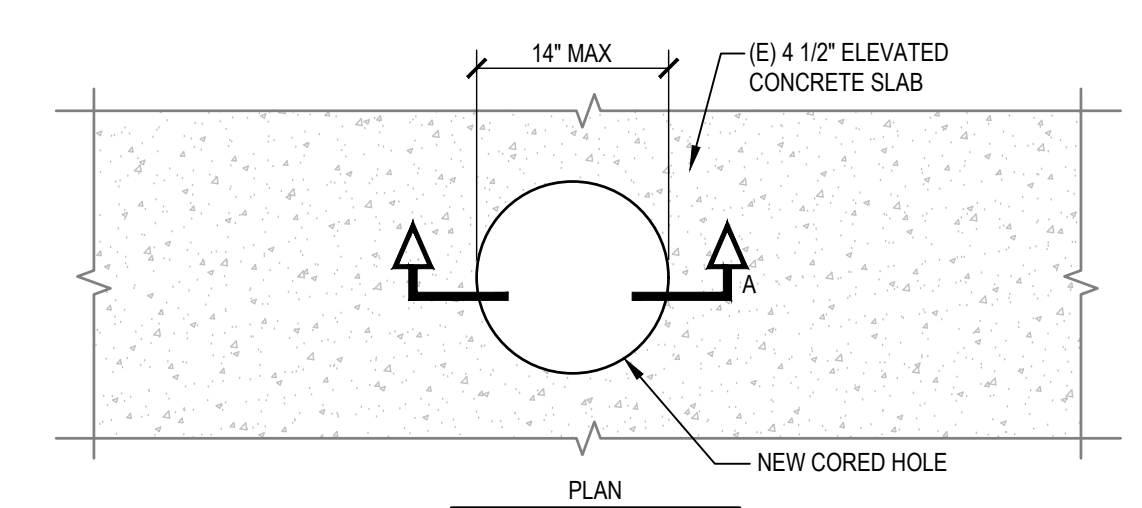
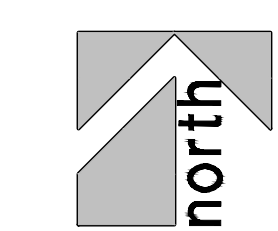


NOTES:
1. SEE S2-20 FOR FRAMING PLAN NOTES AND LEGEND.

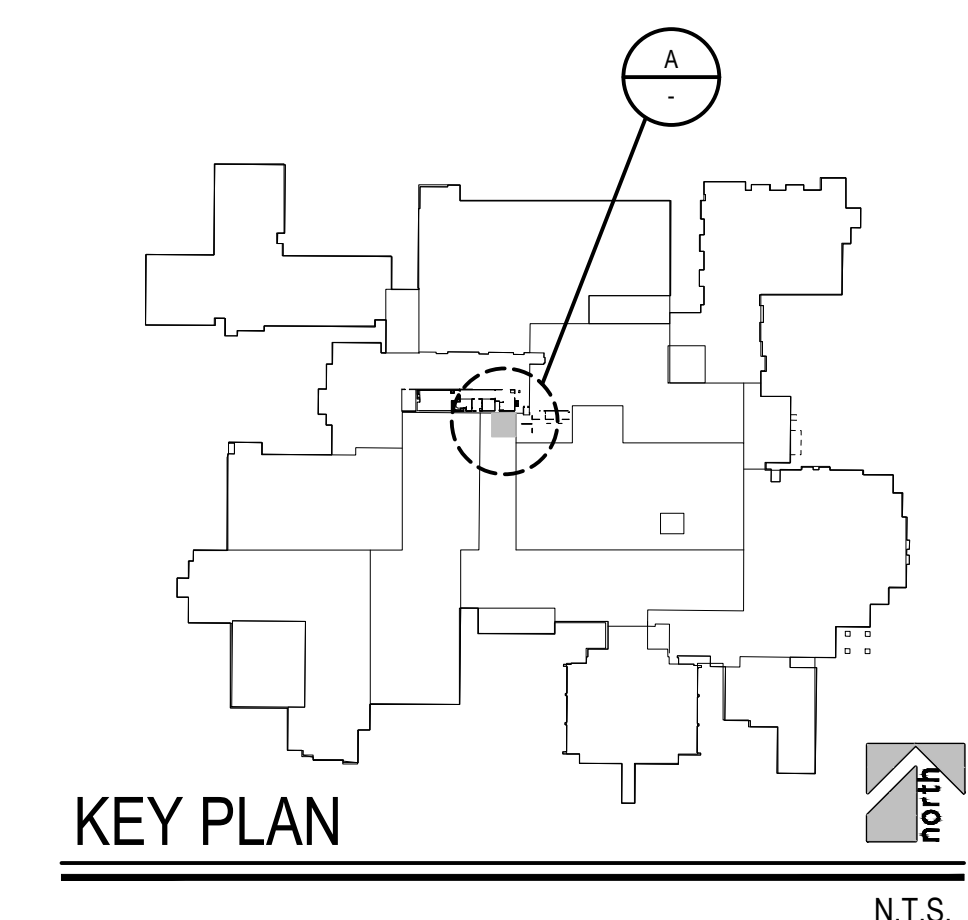
A

LOWER ROOF FRAMING PLAN

1/4" = 1'-0"



1 (N) PENETRATION IN (E) SLAB
NTS



KEY PLAN

REV DESCRIPTION DATE

CONSULTANT
miyamoto.

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miyamotointernational.com

OSHPD APPROVAL STAMP:
OSHPD # S200813-37-00-ACD0001

SHEET TITLE
LOWER ROOF FRAMING PLAN

PROJECT TITLE
TCMC MRI

PROJECT # 01907.01 SHEET NUMBER

CHECKED BY: **S2-31**

SCALE: PER TITLE
DATE: 3/11/2020

TCMC MRI

Tri-City Medical
Center
4002 VISTA WAY
OCEANSIDE CA, 92056

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ARCHITECT: SFEIR ARCHITECTS
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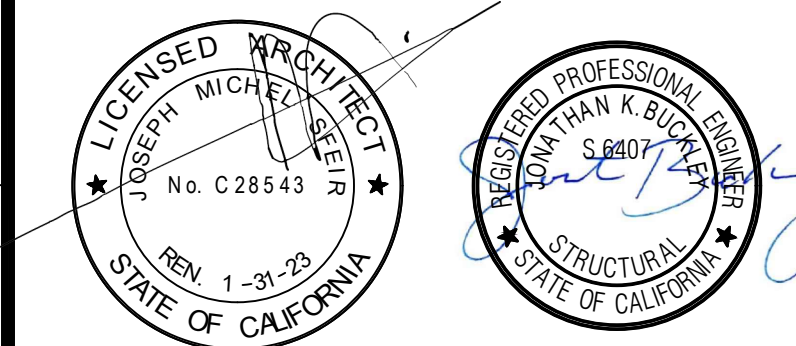
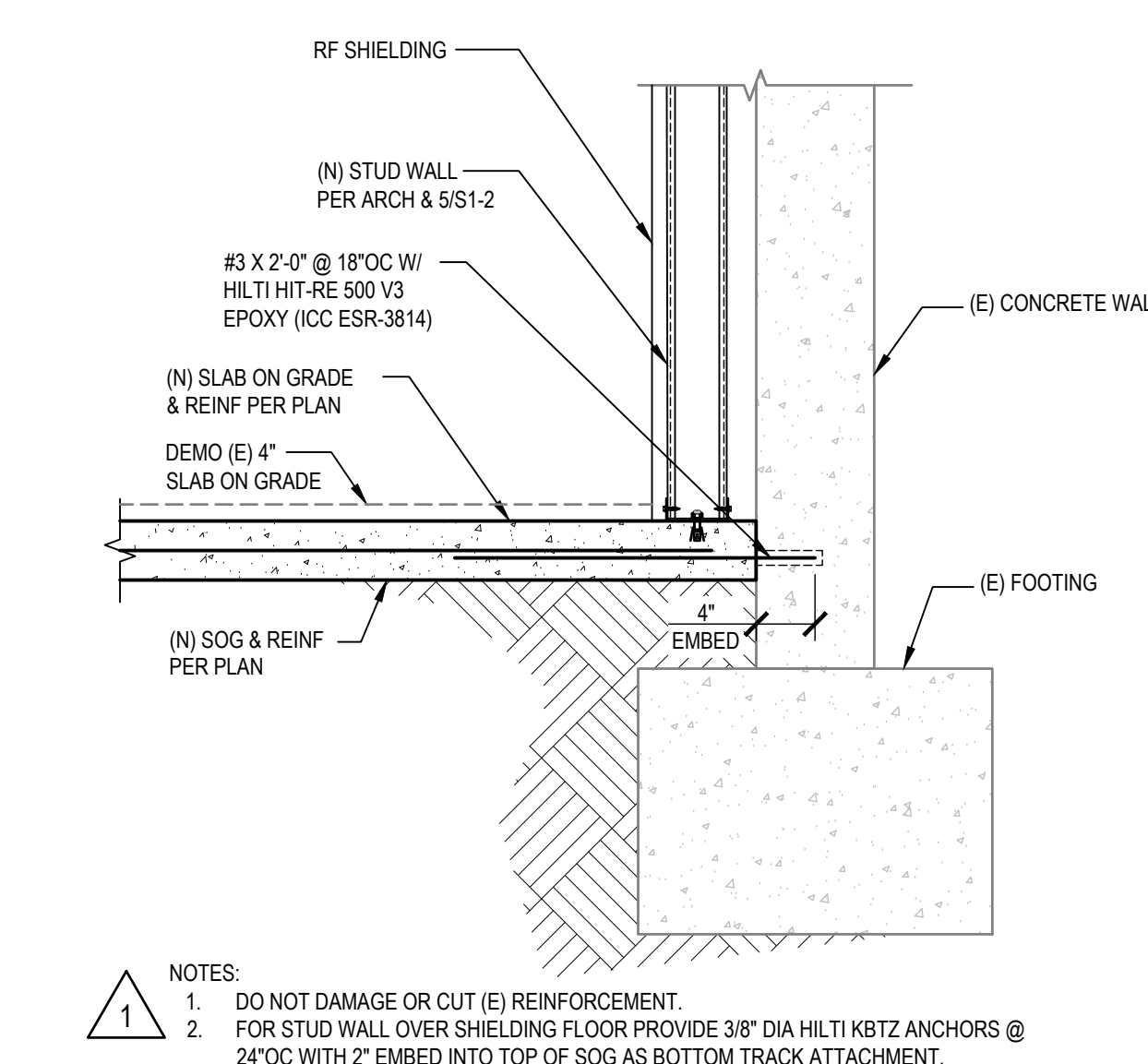
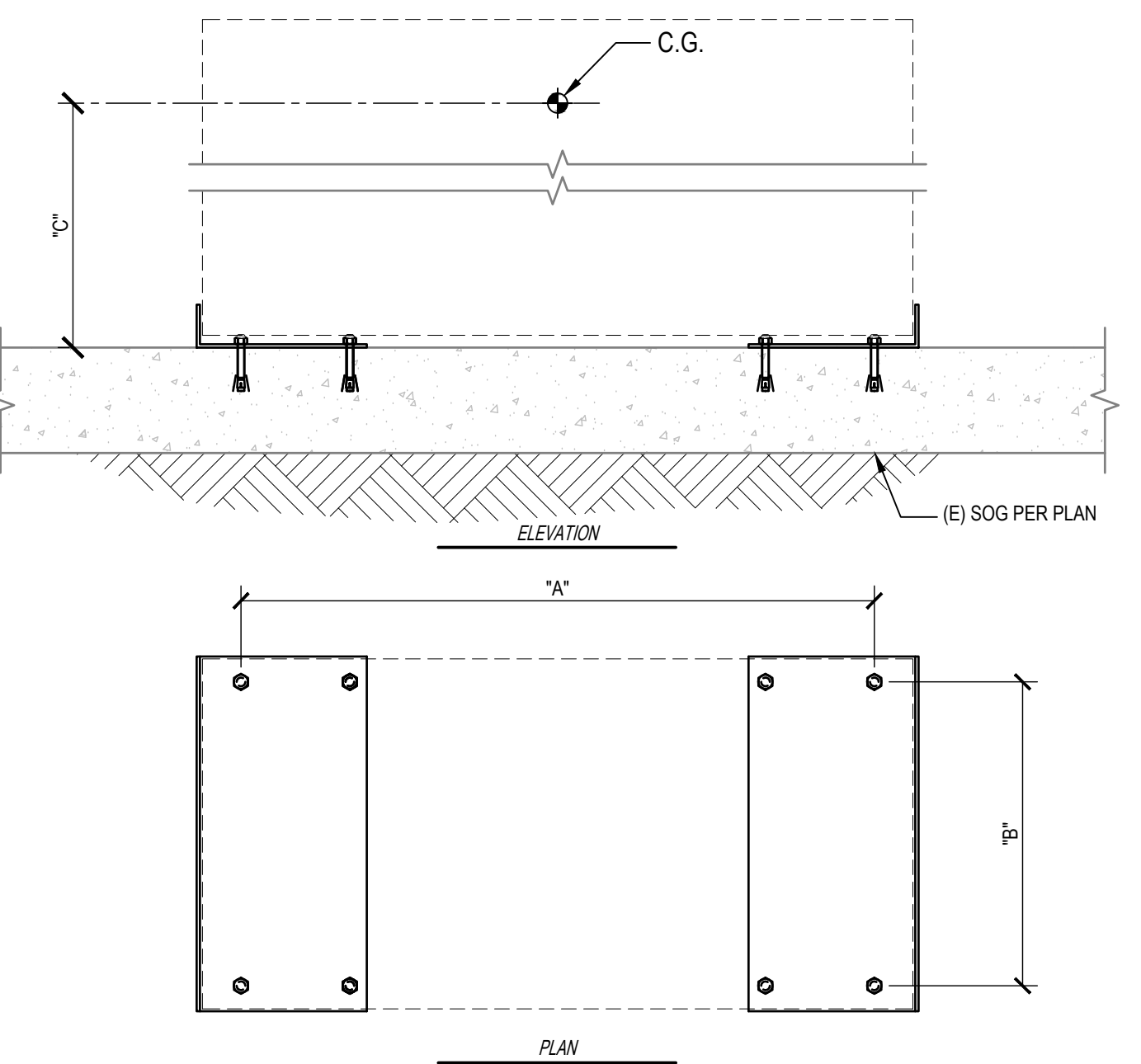
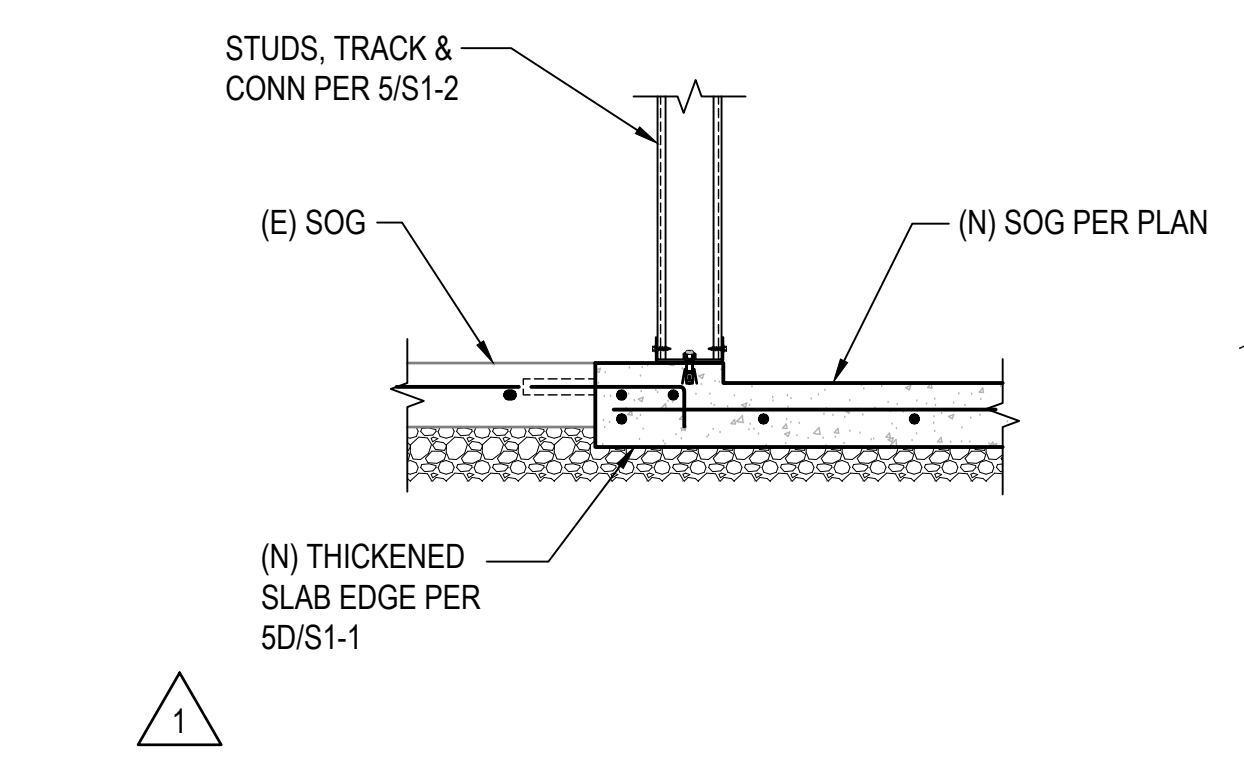
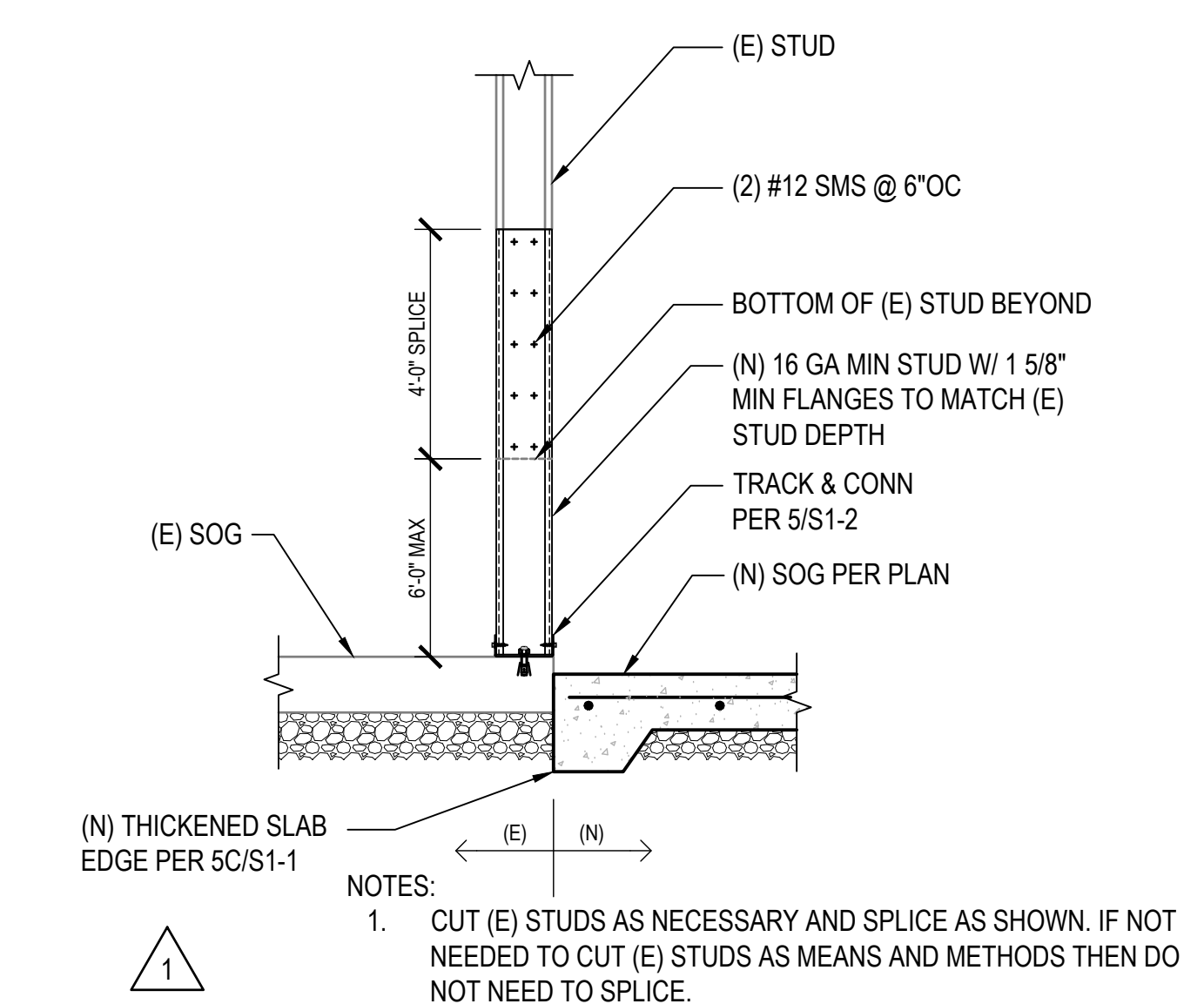
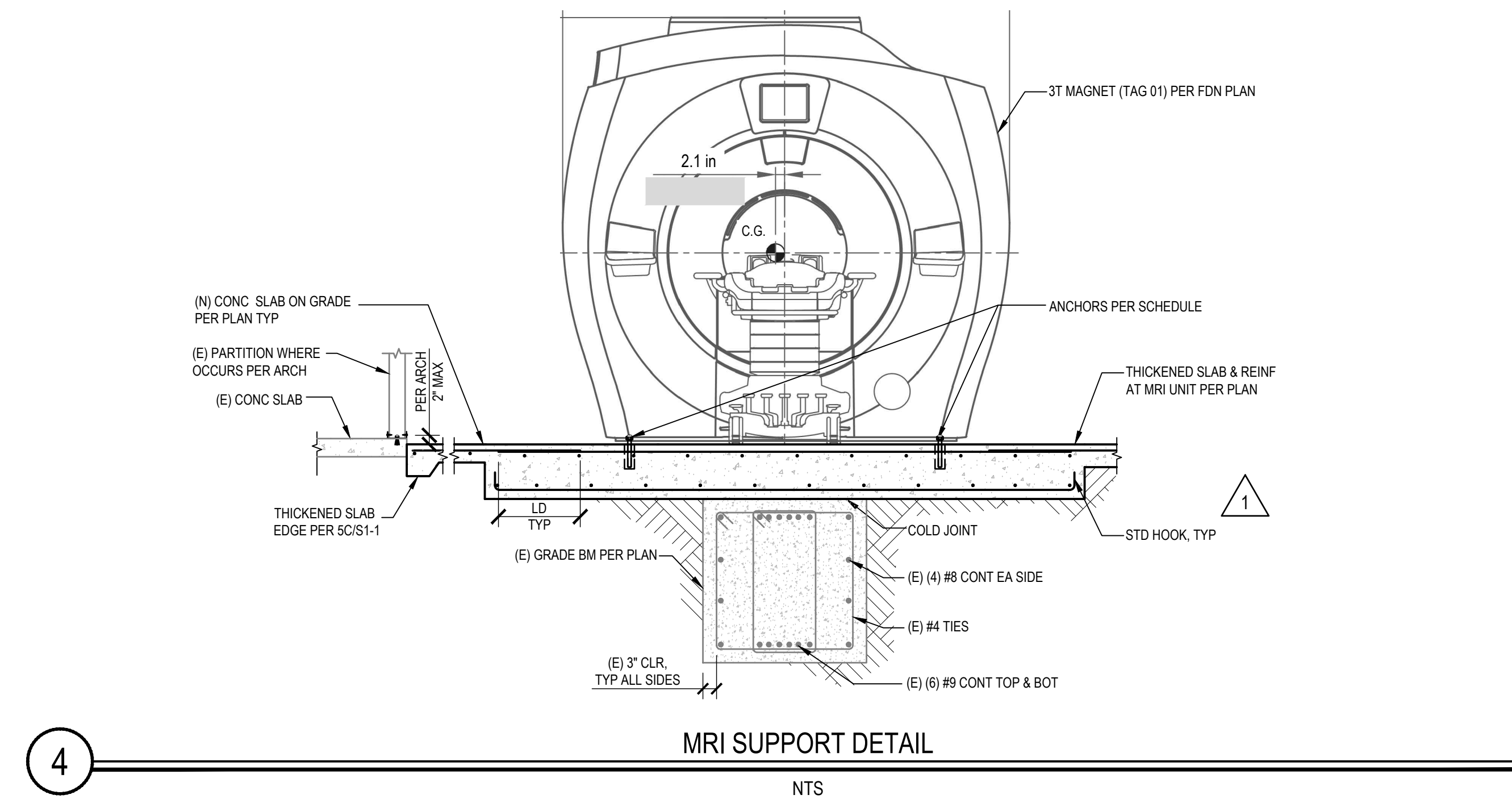
STRUCTURAL: MIYAMOTO INTERNATIONAL INC.
5550 BALTIMORE DRIVE, SUITE 100
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ELECTRICAL: AG DESIGN, INC.
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TEL(714)545-7700

INTERIORS: ISLEY DESIGN & PLANNING
1982 PALSERO AVENUE
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REV	DESCRIPTION	DATE
△△	OSHPD COMMENTS	8/3/2020
△△	DESIGN CHANGES	8/10/2020
△△	OSHPD COMMENTS	10/2/2020
△△	OSHPD COMMENTS	11/24/2020
△△	DESIGN CHANGES	11/24/2020
△△	ACD 0001 DESIGN CHANGES	04/14/2021

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SHEET TITLE
DETAILS

PROJECT TITLE
TCMC MRI

PROJECT #
01907.01

DRAWN BY

CHECKED BY

SCALE
PER TITLE

DATE
3/11/2020

SHEET NUMBER
S3-1

TCMC MRI

Tri-City Medical
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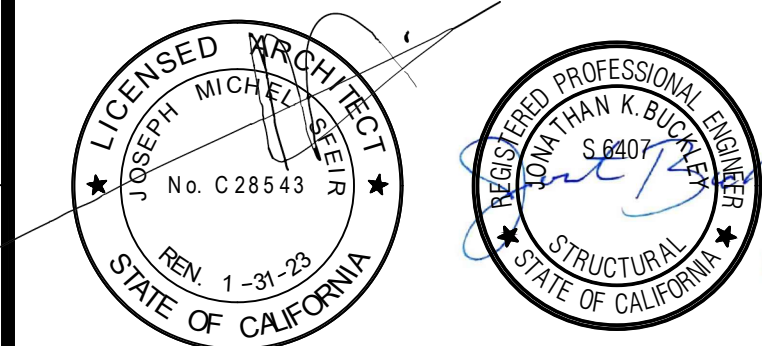
STRUCTURAL: MIYAMOTO INTERNATIONAL INC.
5550 BALTIMORE DRIVE, SUITE 100
LA MESA, CA 91942
TEL(858)57-3001

MECHANICAL & PLUMBING: SC ENGINEERS, INC.
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OSHPD COMMENTS	11/24/2020
DESIGN CHANGES	11/24/2020
ACD 0001 DESIGN CHANGES	04/14/2021

REV	DESCRIPTION	DATE
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SHEET TITLE:

FRAMING DETAILS

PROJECT TITLE: TCMC MRI

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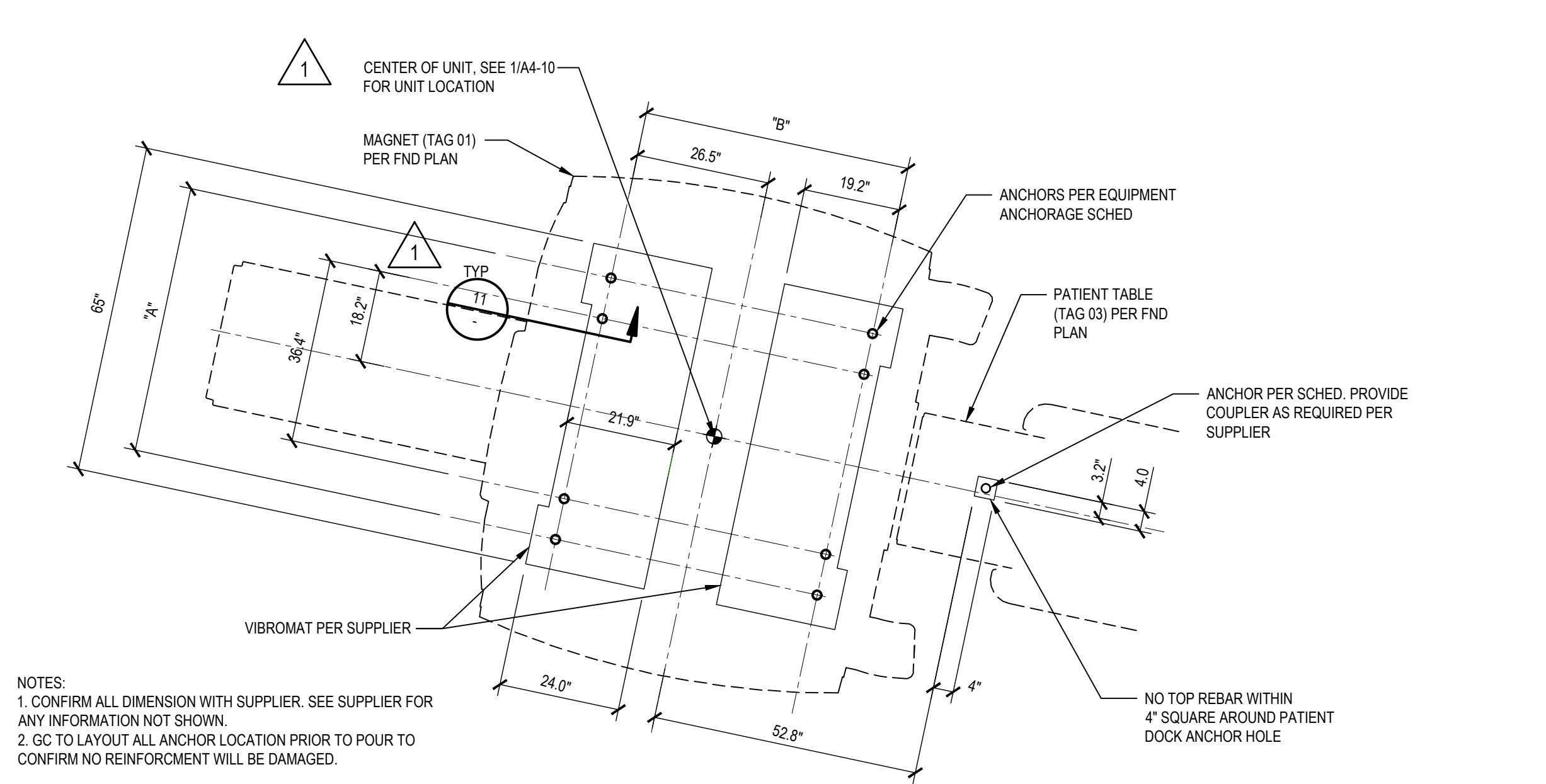
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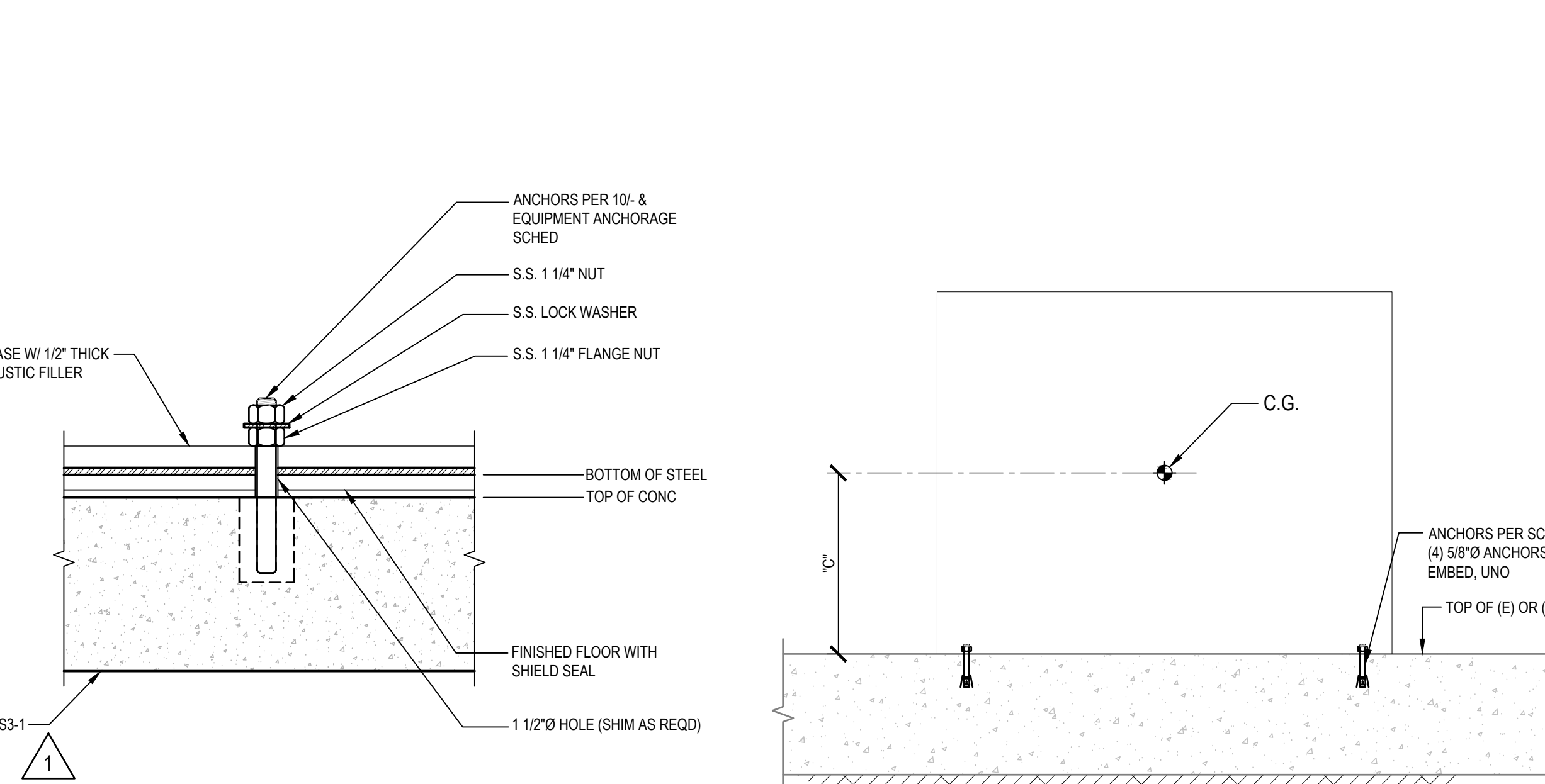
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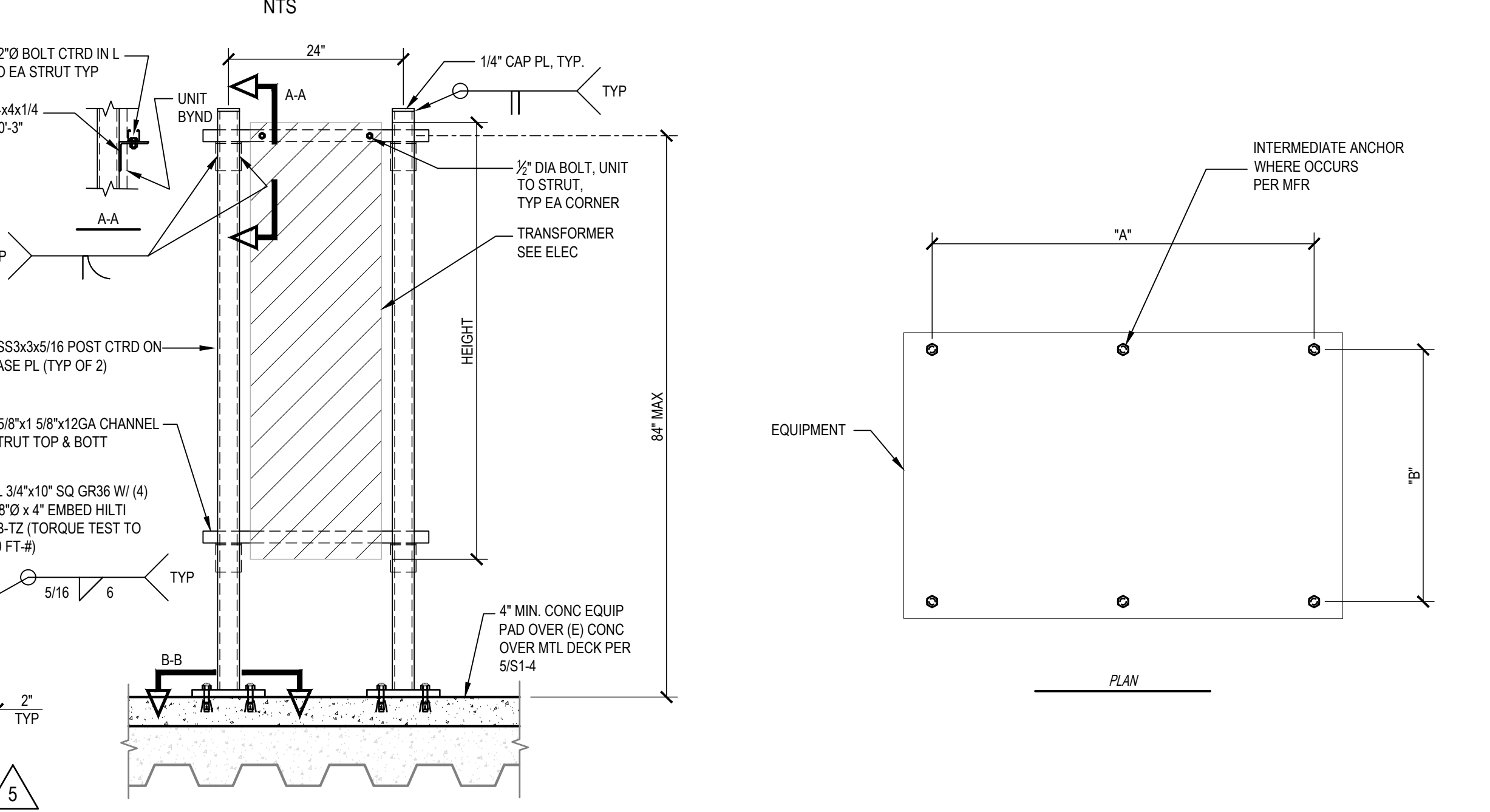
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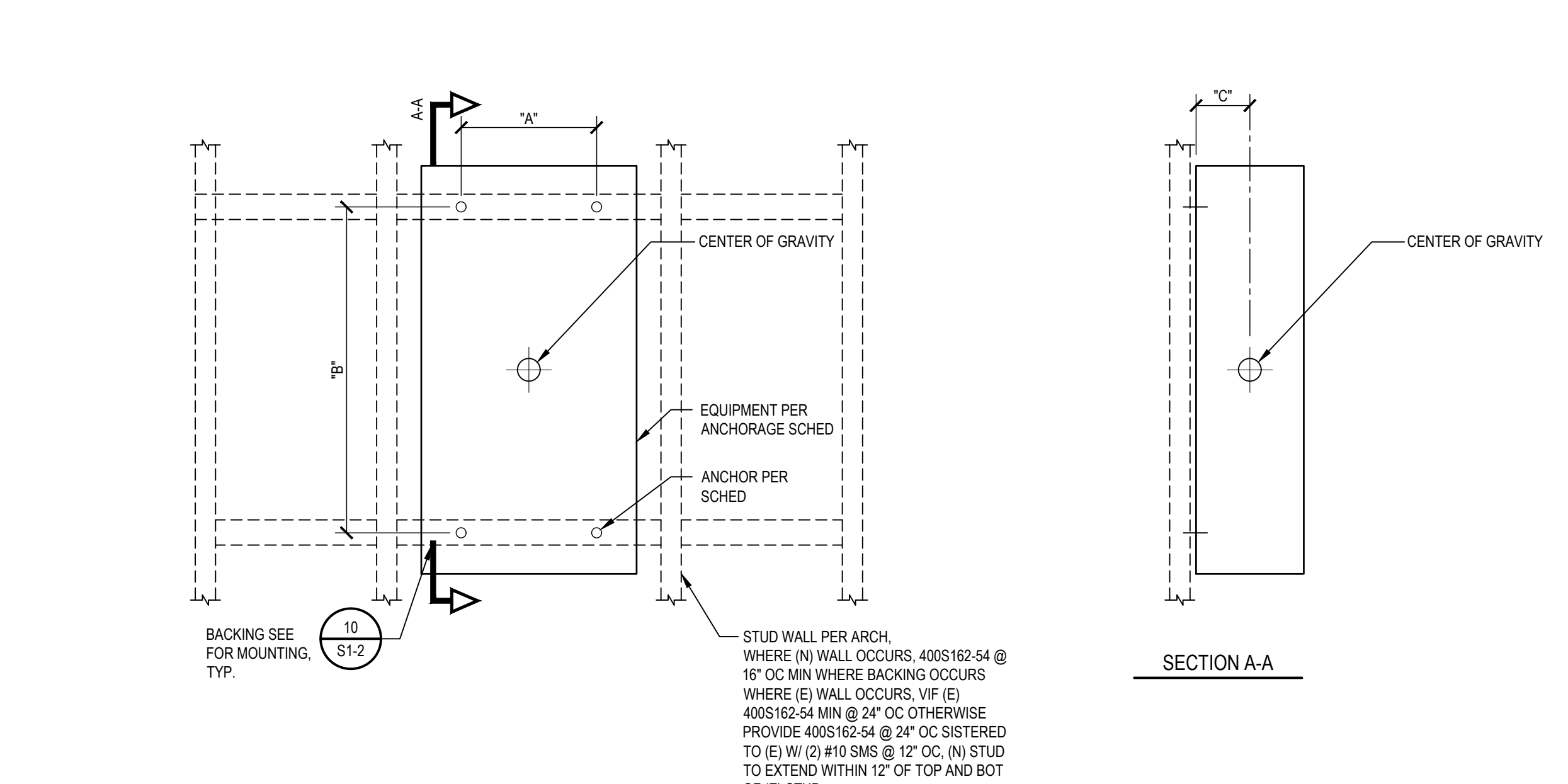
10 MAGNET AND PATIENT TABLE ENLARGED ANCHORAGE PLAN
1/2"=1'-0"



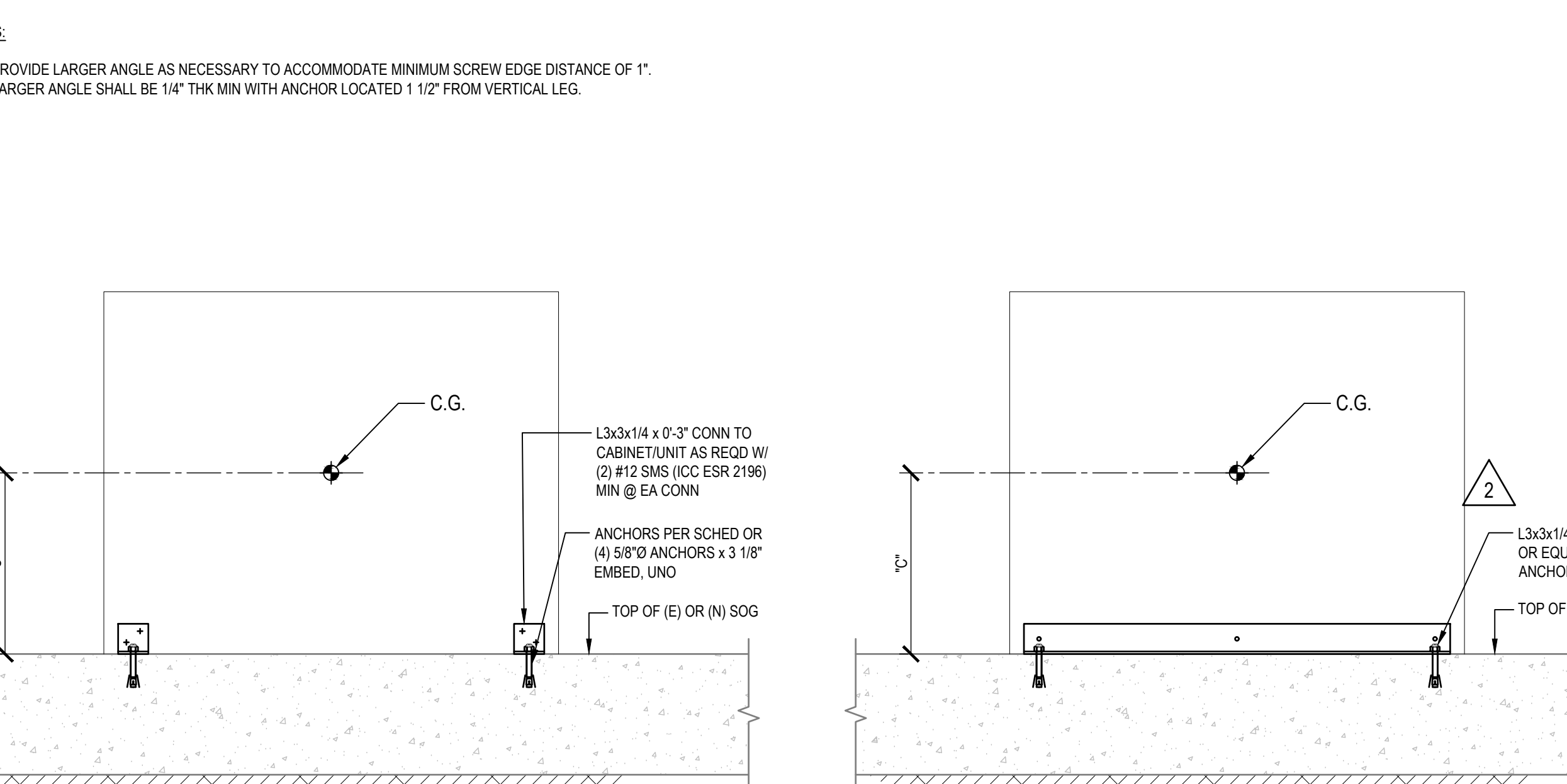
11 MAGNET ANCHORAGE
NTS



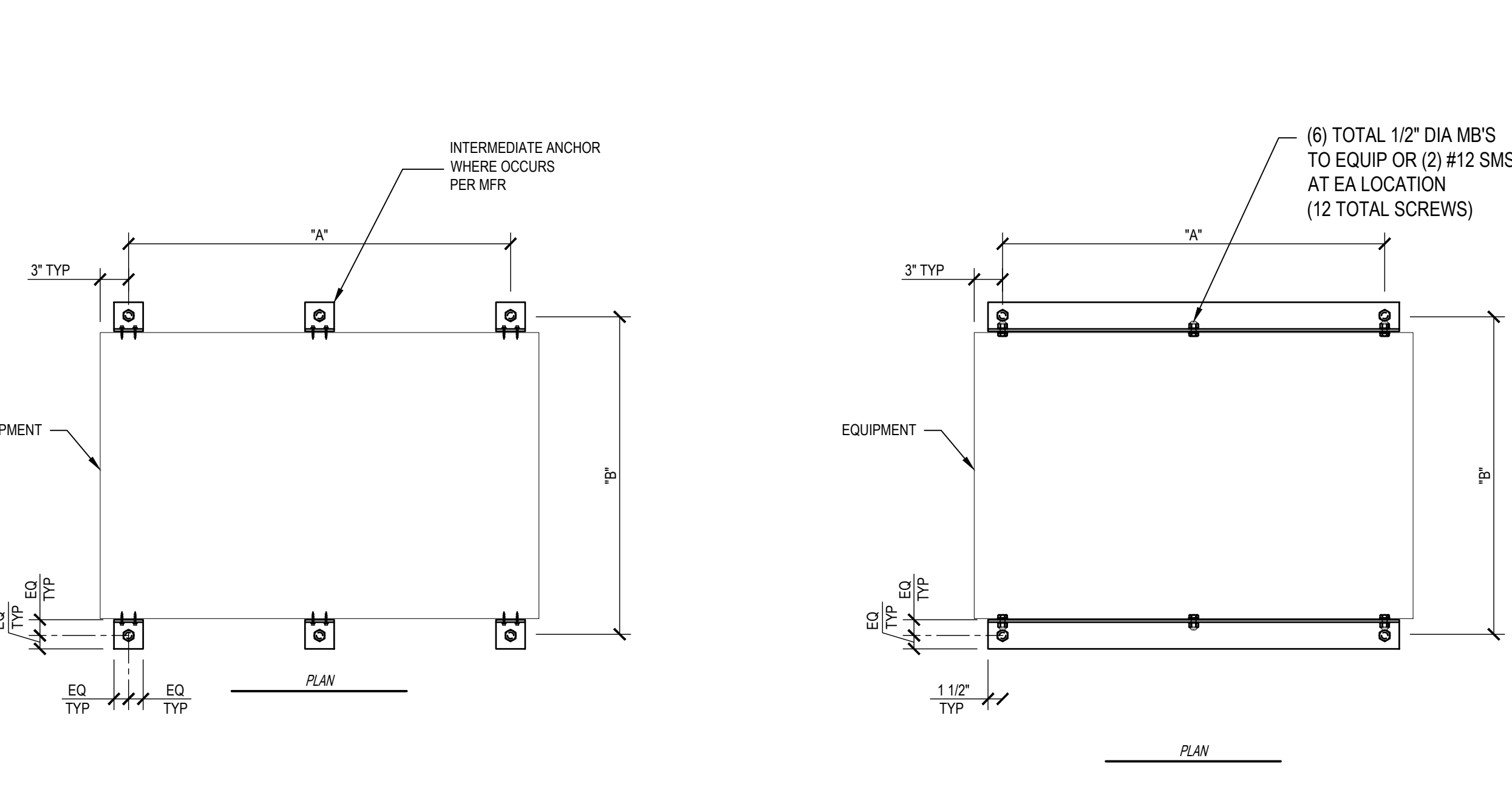
12 ELEC PANEL FREESTANDING SUPPORT FRAME
NTS



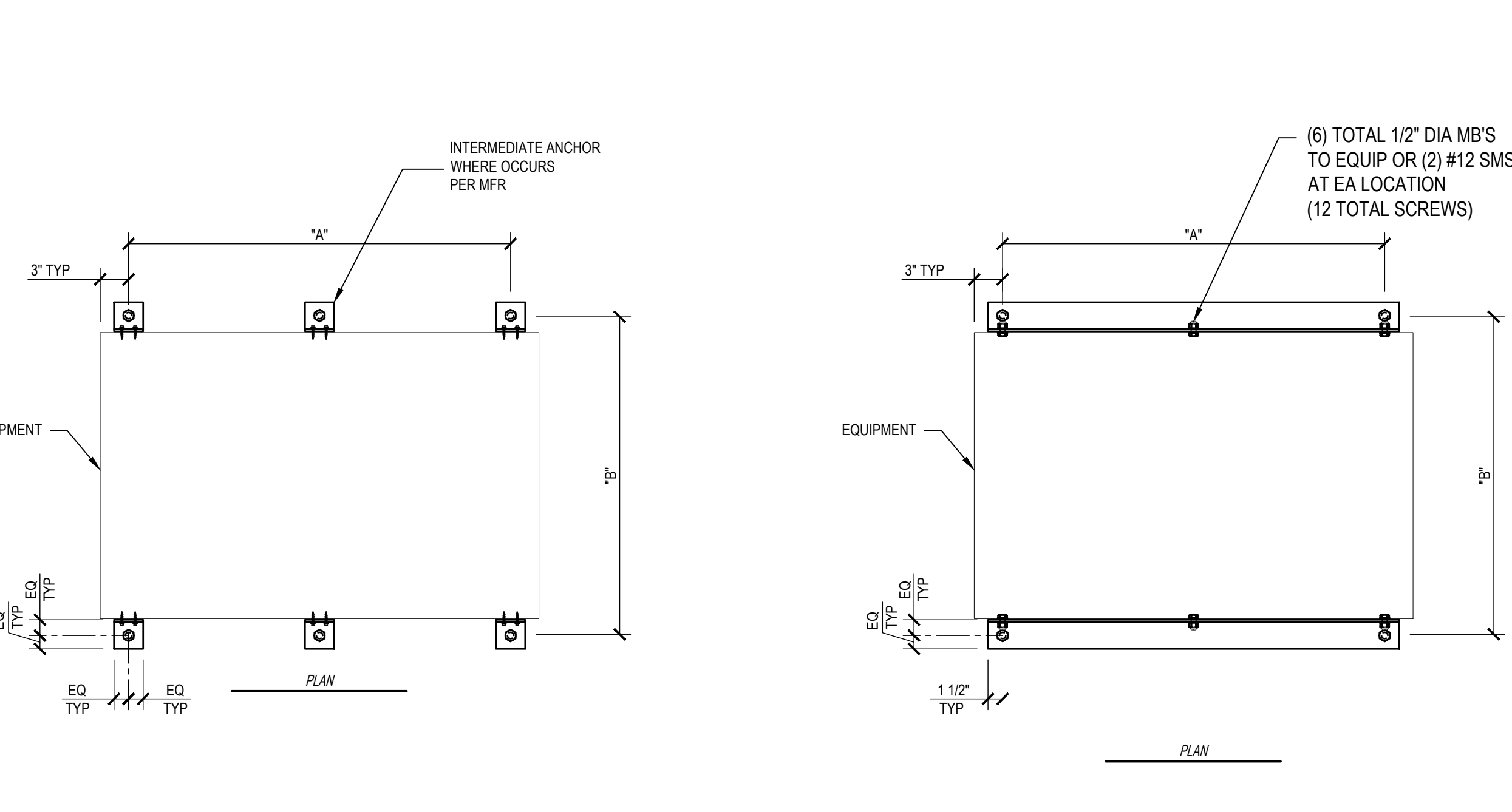
4 WALL MOUNT ANCHORAGE
N.T.S.



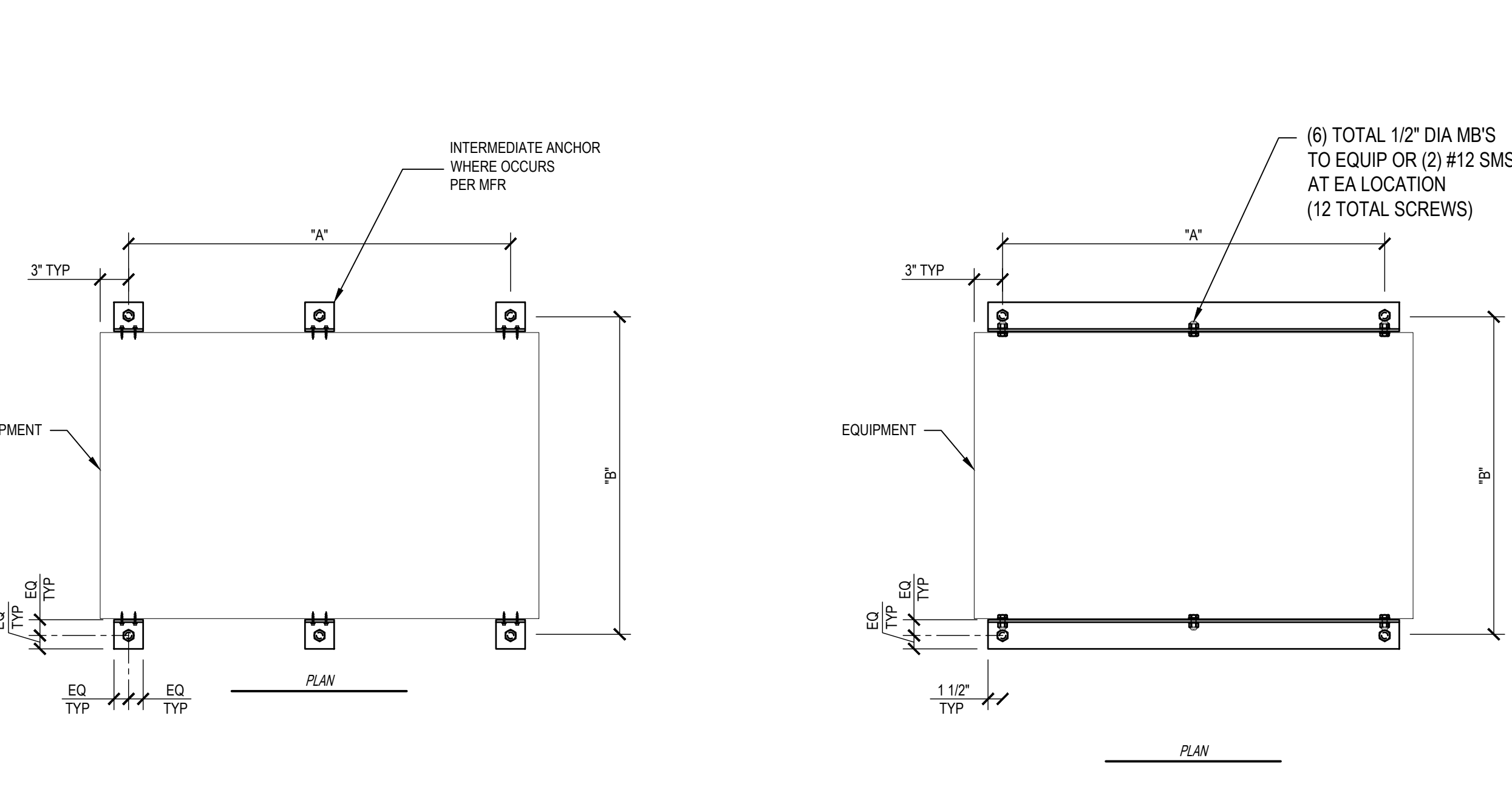
5 FLOOR-MOUNTED EQUIPMENT ANCHORAGE-TYPE 3
ELEVATION



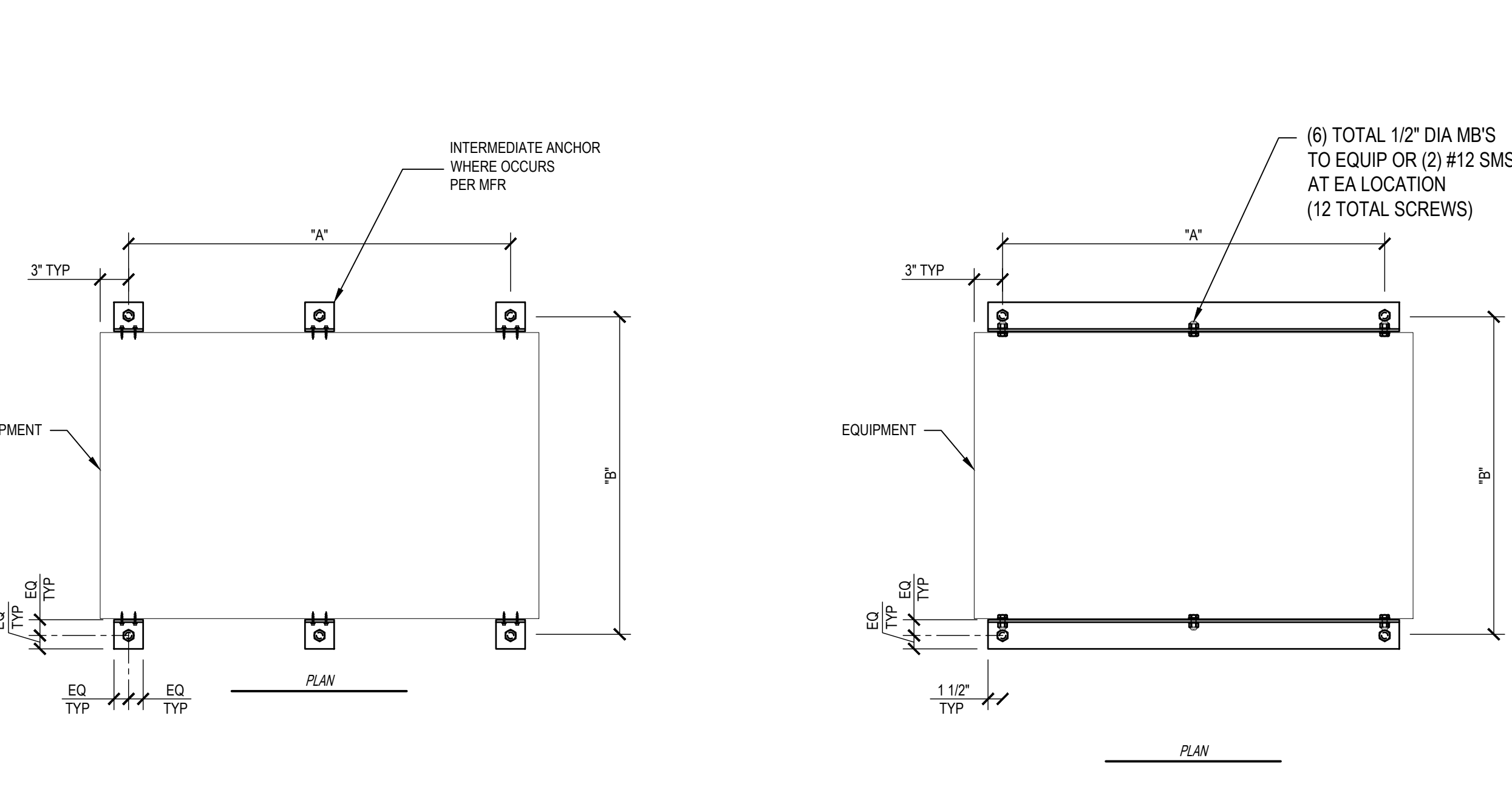
6 FLOOR-MOUNTED EQUIPMENT ANCHORAGE-TYPE 2
ELEVATION



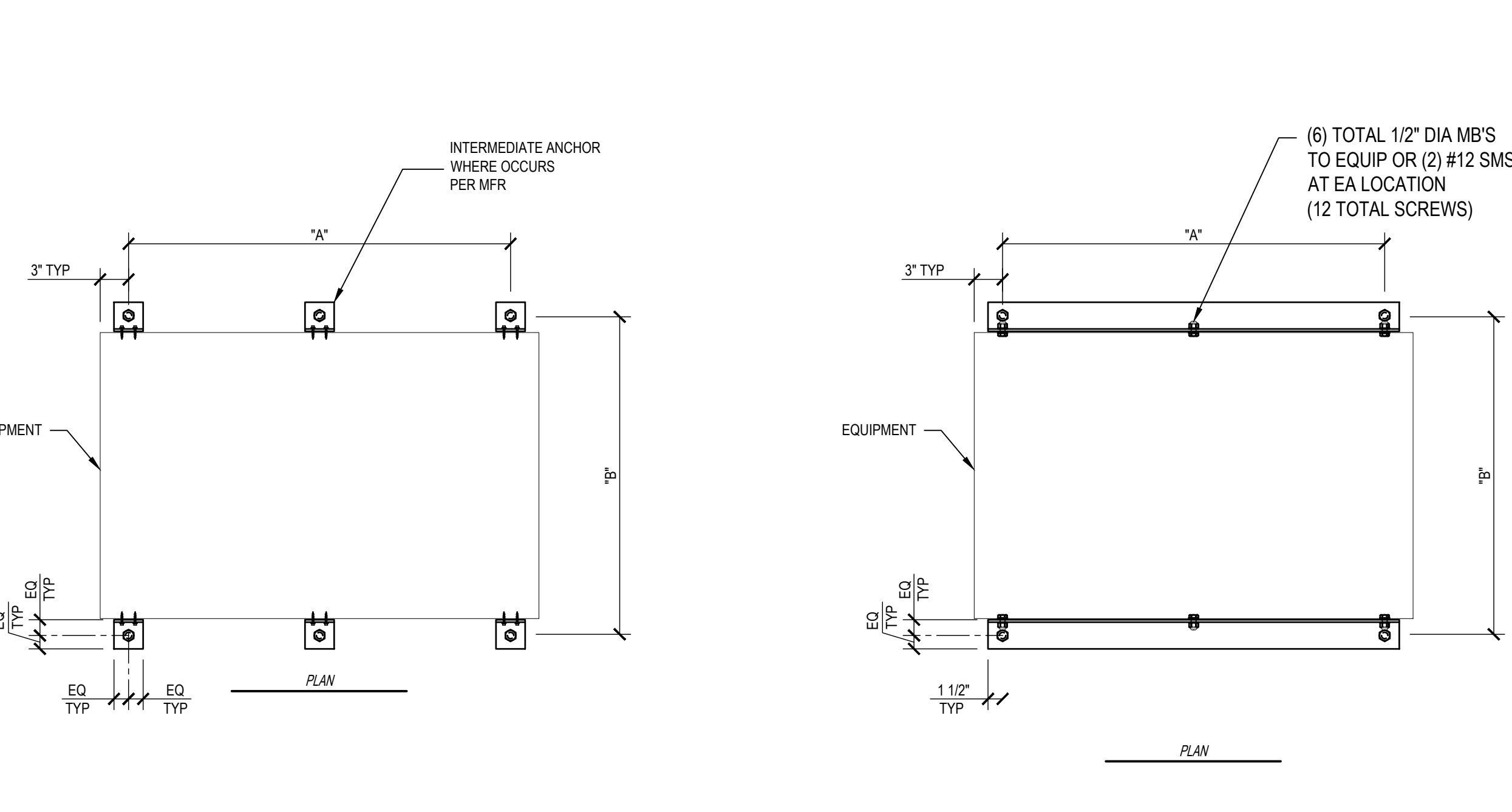
7 FLOOR-MOUNTED EQUIPMENT ANCHORAGE - TYPE 1
ELEVATION



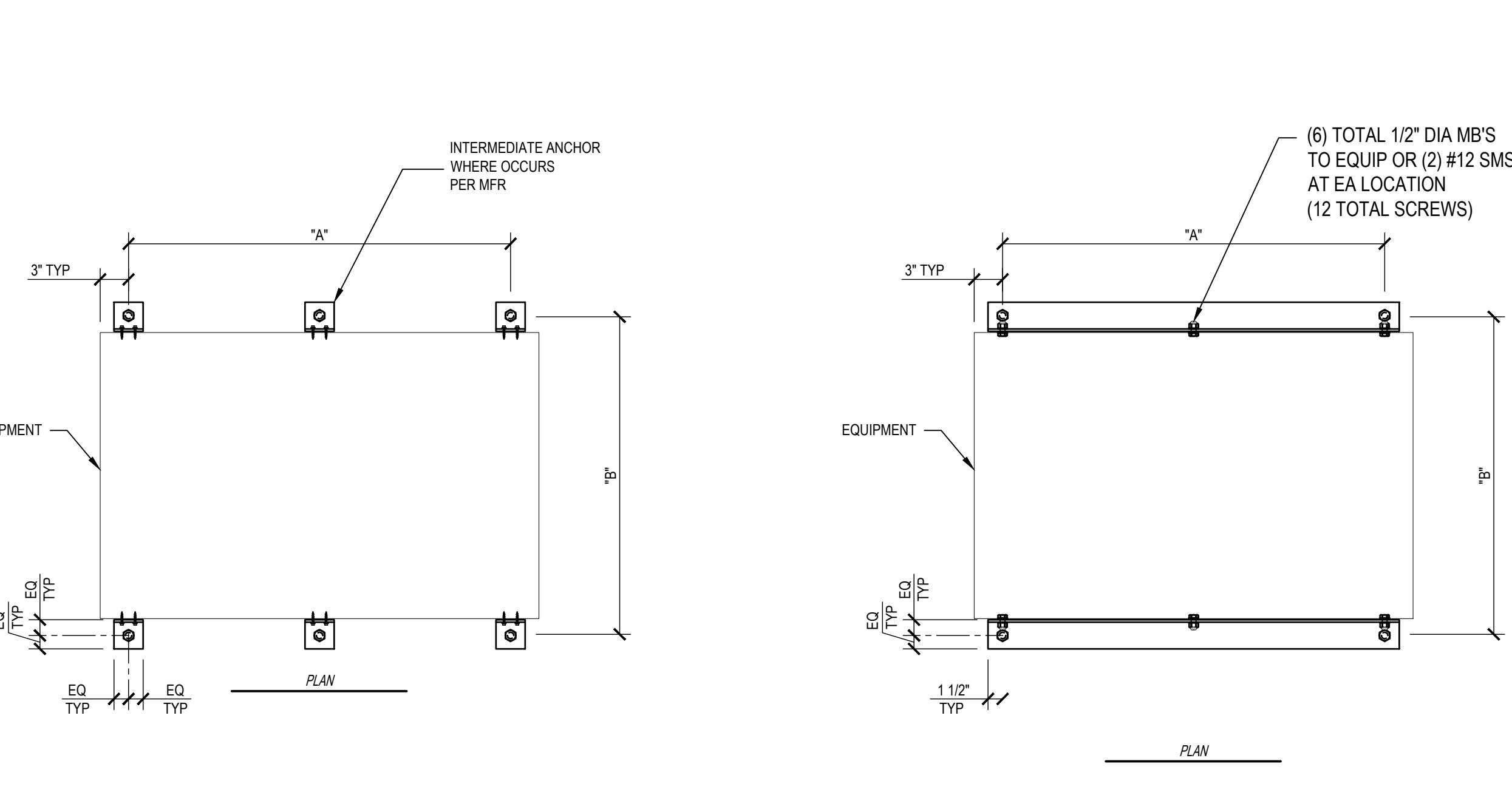
8 FLOOR-MOUNTED EQUIPMENT ANCHORAGE - TYPE 1
PLAN



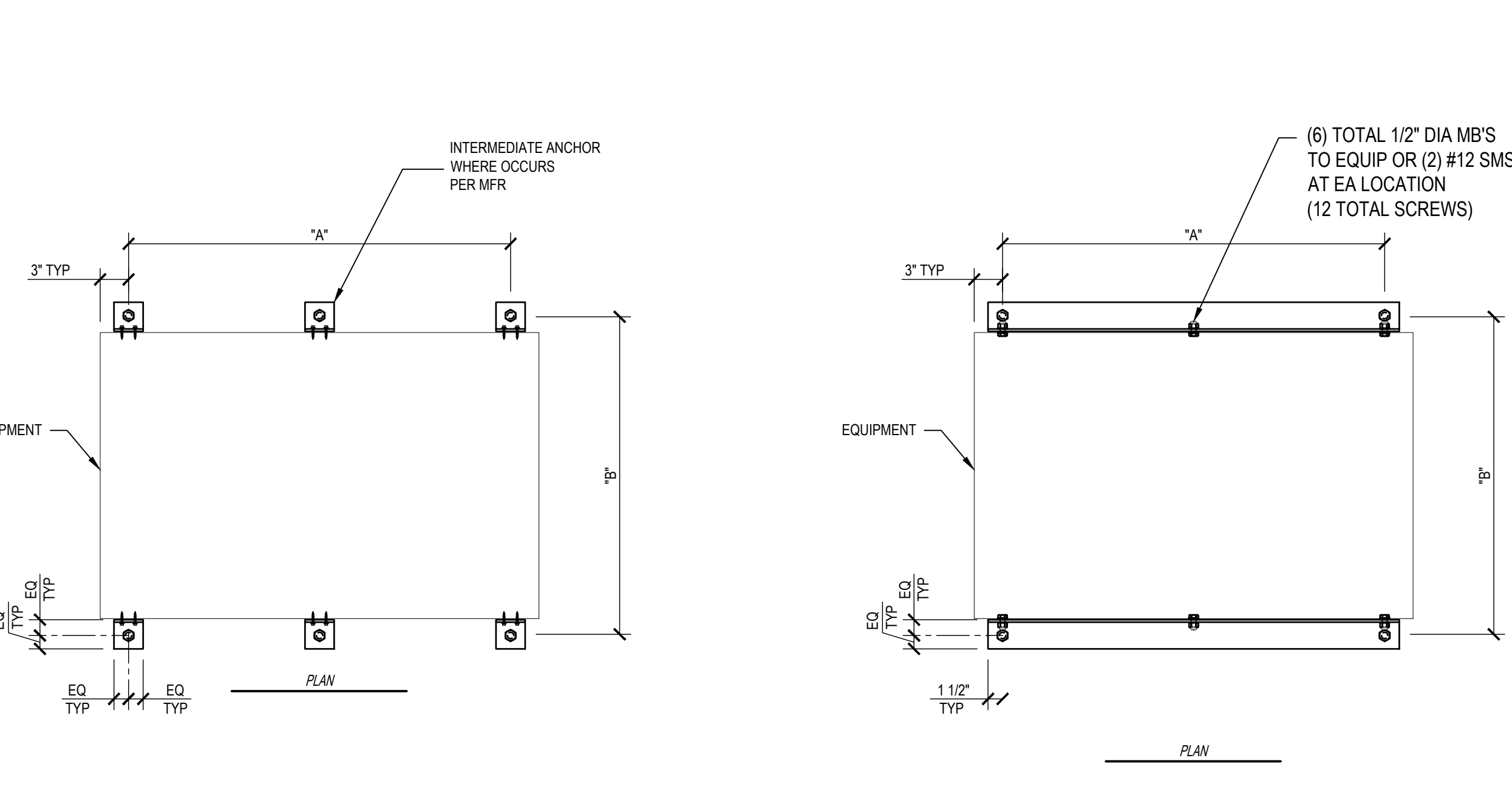
9 FLOOR-MOUNTED EQUIPMENT ANCHORAGE - TYPE 1
PLAN



10 FLOOR-MOUNTED EQUIPMENT ANCHORAGE - TYPE 1
PLAN



11 FLOOR-MOUNTED EQUIPMENT ANCHORAGE - TYPE 1
PLAN



12 FLOOR-MOUNTED EQUIPMENT ANCHORAGE - TYPE 1
PLAN

GENERAL NOTES

- THESE DRAWINGS ARE A GENERAL GRAPHIC PRESENTATION OF THE WORK. DUCTWORK, PIPING, AND EQUIPMENT, AS SHOWN, ARE DIAGRAMMATIC. DO NOT SCALE DRAWINGS. PROVIDE ADDITIONAL OFFSETS AND SECTIONS OF DUCTWORK AND PIPING AS REQUIRED TO MEET THE PROJECT REQUIREMENTS.
- COORDINATE WITH OTHER TRADES. PROVIDE A COMPLETE SET OF SHOP DRAWINGS REFLECTING ACTUAL DIMENSIONS, ACCESS REQUIREMENTS, AND DETAILS BASED UPON THE ACTUAL EQUIPMENT PROCURED. MAINTAIN AN UP TO DATE SET OF AS-BUILT DRAWINGS AT THE JOB SITE.
- COMPLY WITH APPLICABLE MECHANICAL CODE, PLUMBING CODE, FIRE PROTECTION CODE, AND ALL OTHER GOVERNING CODES. THERE SHALL BE NO EXCEPTION. REPORT DEFICIENCIES WITHIN THIRTY (30) DAYS UPON AUTHORIZATION TO PROCEED.
- REVIEW ALL DRAWINGS AND SPECIFICATIONS INCLUDING ARCHITECTURAL, STRUCTURAL, CIVIL, MECHANICAL, PLUMBING, FIRE PROTECTION AND ELECTRICAL. ANY QUESTIONS SHALL BE BROUGHT UP, IN WRITING, TO THE ATTENTION OF THE ENGINEER BEFORE THE START OF CONSTRUCTION.
- PROVIDE ACCESS AND CLEARANCE FOR MAINTENANCE OF MECHANICAL EQUIPMENT AND COMPONENTS AS RECOMMENDED BY EQUIPMENT MANUFACTURER AND APPLICABLE CODES, BUT NO LESS THAN 3 FEET ON ALL SIDES.
- ALL SEALS, BEARINGS, PACKINGS, AND ACCESSORIES FOR ALL EQUIPMENT AND PIPING SPECIALTIES SHALL BE SUITABLE FOR THE CONTINUOUS OPERATIONAL TEMPERATURES, PRESSURES, AND CHARACTERISTICS OF THE SYSTEMS THEY SERVE.
- HANDLE, STORE, AND INSTALL EQUIPMENT PER MANUFACTURER'S INSTRUCTIONS.
- SUPPORT PIPING IN ACCORDANCE WITH ANSI/MSS SP-58 PIPE HANGERS AND SUPPORTS - MATERIALS, DESIGN, MANUFACTURE, SELECTION, APPLICATION, AND INSTALLATION.
- SUPPORT DUCTWORK IN ACCORDANCE WITH ANSI/SMACNA 006 HVAC DUCT CONSTRUCTION STANDARDS - METAL AND FLEXIBLE.
- BRACE PIPING, EQUIPMENT, DUCTWORK, AND CONDUIT IN ACCORDANCE WITH ISAT DESIGN, INSTALLATION & INSPECTION MANUAL FOR NON-STRUCTURAL SEISMIC BRACING UNLESS THE AUTHORITY HAVING JURISDICTION HAS ADDITIONAL REQUIREMENTS.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF DIFFUSERS, REGISTERS, GRILLES, AND ACCESS PANELS.
- ALL DUCT DIMENSIONS, AS SHOWN ON MECHANICAL DRAWINGS, ARE CLEAR INSIDE DIMENSIONS.
- INSULATION AND FLEXIBLE DUCT SHALL COMPLY WITH STATE FIRE MARSHALL CRITERIA AND SHALL NOT EXCEED FLAME SPREAD OF 25 AND SMOKE DEVELOPED OF 50 PER ASTM, NFPA, AND UL.
- INSULATE PIPING AND DUCTWORK IN ACCORDANCE WITH THE GOVERNING CODES AT A MINIMUM. INSULATE TO PREVENT CONDENSATION.
- COMMISSION AND START-UP THE MECHANICAL SYSTEMS TO ASSURE A COMPLETE AND OPERATIONAL HVAC SYSTEM IN ACCORDANCE WITH ASHRAE, NEBB, OR AABC.
- ALL SQUARE ELBOWS IN DUCTWORK SHALL HAVE TURNING VANES. PROVIDE MANUAL VOLUME DAMPER AT EACH BRANCH DUCT TAKE-OFF SERVING EACH AIR TERMINAL DEVICE. PROVIDE BALANCING DAMPERS FOR EACH MAIN DUCT TAKE-OFF IN ACCORDANCE WITH SMACNA IN ORDER TO ASSURE A COMPLETELY BALANCED SYSTEM.
- FIRE DAMPER ASSEMBLIES, INCLUDING LOCATION, SLEEVES, AND INSTALLATION PROCEDURES, SHALL BE APPROVED BY THE BUILDING INSPECTOR PRIOR TO PROCUREMENT AND INSTALLATION. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF FIRE RATED WALLS AND SMOKE SEPARATIONS.
- ALL PENETRATIONS THROUGH FIRE RATED CONSTRUCTION SHALL BE FIRE SEALED WITH UL LISTED THROUGH-PENETRATION SEALING SYSTEMS SUITABLE FOR WALL/FLOOR ASSEMBLIES AND PENETRATING MATERIAL.
- ALL FITLERS TO BE REPLACED AFTER THE FINAL TEST AND BALANCE.
- ADJUSTABLE SHEAVES ON AHU FAN PULLEYS TO FACILITATE STATIC PRESSURE ADJUSTMENTS AT TEST AND BALANCE.

SHOP DRAWING NOTES

- PROCEED WITH THE PREPARATION OF COMPREHENSIVE THREE DIMENSIONAL (3D) SHOP DRAWINGS UPON RECEIPT OF AN AUTHORIZATION TO PROCEED FOR THE PROJECT. SHOP DRAWINGS SHALL BE ORIGINALLY PREPARED BY THE CONTRACTOR. PROVIDE MINIMUM 1/4" = 1'-0" SCALE FLOOR PLANS IN ADDITION TO THE SHOP DRAWINGS COMPLETED WITHIN A 3D MODEL IN REVIT, AUTOCAD, NAVISWORKS, OR SIMILAR PROGRAM. SUBMIT A COMPLETE AND COMPREHENSIVE SET OF SHOP DRAWINGS IN ONE PACKAGE WITHIN 60 DAYS OF CONTRACT AWARD AND PRIOR TO MATERIAL FABRICATION, ORDER, AND INSTALLATION. SHOP DRAWINGS SHALL INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
 - ARCHITECTURAL, STRUCTURAL, ELECTRICAL, PLUMBING, AND OTHER WORK SPECIFIED OUTSIDE DIVISION 23.
 - DUCT AND PIPE (MECHANICAL AND PLUMBING) ELEVATIONS.
 - DIMENSIONS OF EQUIPMENT TO BE PURCHASED.
 - HANGERS AND SUPPORTS, INCLUDING METHODS FOR DUCT AND BUILDING ATTACHMENT, SEISMIC RESTRAINTS, AND VIBRATION ISOLATION.
 - ACCESS PANELS INCLUDING CEILING PANELS.
 - ACCESS CLEARANCES FOR EQUIPMENT.
 - LOCATIONS OF DIFFUSERS, REGISTERS, AND GRILLES.
 - LOCATIONS OF MANUAL VOLUME DAMPERS INCLUDING EXTRACTORS AND SPLITTERS.
 - LOCATIONS OF STRUCTURAL PENETRATIONS SUCH AS BEAMS.
 - LOCATION OF CONTROL PANELS AND POWER CONNECTIONS TO EQUIPMENT.
 - COLOR CODED DESIGNATION FOR DUCT AND PIPING BASED UPON MATERIAL USED AND STATIC PRESSURE RATING.
 - LABEL AND TAG SCHEDULE FOR EQUIPMENT.
 - DUCT AND PIPING OFF-SETS AND TRANSITIONS TO CLEAR BUILDING ARCHITECTURE, STRUCTURE, ELECTRICAL, FIRE PROTECTION, OR OTHER TIGHT OR CONGESTED AREAS.
 - EXISTING BUILDING UTILITIES BEING RELOCATED TO ACCOMMODATE DESIGN.
 - ROOM TEMPERATURE AND OTHER SIMILAR SENSOR LOCATIONS.
 - POINT OF CONNECTION TO UTILITIES OUTSIDE THE BUILDING.
 - GRIDLINES.
- COORDINATE WITH OTHER TRADES AND EXISTING CONDITIONS.
- INCLUDE SIGNATURES ON THE SHOP DRAWINGS FROM ALL APPLICABLE TRADES CONFIRMING ALL COORDINATION HAS OCCURRED AND THE SUBMITTED SHOP DRAWINGS ARE FREE OF CONFLICTS.
- SUBMIT A CLASH DETECTION LOG FROM THE SOFTWARE UTILIZED INDICATING THERE ARE NO CLASHES.
- SHOP DRAWINGS SHALL BE REVIEWED AND APPROVED BY THE COMMISSIONING AUTHORITY PRIOR TO SUBMITTAL TO ASSURE DESIGN INTENT IS MET AND PROPER COORDINATION IS MAINTAINED.
- PRIOR TO FABRICATION AND UPON RECEIVING APPROVAL FROM COMMISSIONING AUTHORITY, SUBMIT A FINAL SET OF SHOP DRAWINGS.

OSHPD NOTES

- THE INTENT OF THE CONSTRUCTION DOCUMENTS IS TO RECONSTRUCT THE HOSPITAL BUILDING IN ACCORDANCE WITH THE MOST CURRENT CBC. SHOULD ANY CONDITION DEVELOP NOT COVERED BY THE APPROVED CONSTRUCTION DOCUMENTS, WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH THE MOST CURRENT CBC, AMENDED CONSTRUCTION DOCUMENTS (ACDS) DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY OSHPD BEFORE PROCEEDING WITH THE WORK.
- SUPPORTS AND ATTACHMENTS OF ALL EQUIPMENT TO BE INSTALLED AS A PART OF THIS PROJECT SHALL BE DETAILED ON CONSTRUCTION DOCUMENTS, EXCEPT THOSE EXEMPT BY THE MOST CURRENT CBC. EQUIPMENT SUPPORTS AND ATTACHMENTS SHALL BE APPROVED BY THE APPROPRIATE REGISTERED DESIGN PROFESSIONAL (RDP) OF RECORD AND OSHPD AS A PART OF FIELD REVIEWS/OBSERVATIONS. THE INSPECTOR OF RECORD (IOR) SHALL ASSURE THAT THE ABOVE REQUIREMENTS ARE ENFORCED.
- PRE-APPROVED PIPES, DUCTS, AND CONDUITS SEISMIC BRACING: ATTACHMENTS, AND BRACING SYSTEMS IN ACCORDANCE WITH THE PRE-APPROVAL SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER OF RECORD (SEOR) / REGISTERED DESIGN PROFESSIONAL (RDP) IN RESPONSIBLE CHARGE OF THE PROJECT FOR REVIEW TO VERIFY THAT THE DETAILS ARE IN CONFORMANCE WITH THE CBC.
 - THE SEOR SHALL VERIFY THAT THE SUPPORTIVE STRUCTURE IS ADEQUATE FOR THE FORCES IMPOSED ON IT BY THE SUPPORTS, ATTACHMENTS AND BRACES INSTALLED IN ACCORDANCE WITH THE PRE-APPROVAL IN ADDITION TO ALL OTHER LOADS.
 - THE SEOR SHALL FORWARD THE SUPPORTS, ATTACHMENTS, AND BRACING DRAWINGS (INCLUDING CONSTRUCTION DOCUMENTS FOR SUPPLEMENTARY FRAMING, WHERE REQUIRED) TO THE RDP IN RESPONSIBLE CHARGE WITH A NOTATION INDICATING THAT THE DRAWINGS HAVE BEEN REVIEWED AND ARE IN GENERAL CONFORMANCE WITH THE PRE-APPROVAL AND THE DESIGN OF THE PROJECT.
 - A REVIEW STAMP SHALL BE PERMITTED TO BE USED, BY THE SEOR, TO INDICATE COMPLIANCE WITH THIS REQUIREMENT.
- VERIFY THAT SUBMITTAL IS WITHIN THE SCOPE OF OSHPD PRE-APPROVAL OF MANUFACTURER'S CERTIFICATION (OPM) WITH REGARD TO SIZE OF DISTRIBUTION SYSTEM COMPONENTS, SPACING OF BRACING AND FLEX, AND JOINT SUBSTRATE FOR ATTACHMENTS.
- THE LAYOUT DRAWINGS, WITH THE REVIEW STAMP, SHALL BE KEPT ON THE JOBSITE TO BE USED FOR INSTALLATION OF THE SUPPORT AND BRACING.
- THE APPROVED AGENCY/INSPECTOR OF RECORD SHALL PROVIDE INSPECTION IN ACCORDANCE WITH THE CBC.
- OSHPD FIELD STAFF WILL REVIEW/INSPECT THE INSTALLATION IN ACCORDANCE WITH THE CAC.
- A COPY OF THE BRACING SYSTEM(S) INSTALLATION GUIDE/OPM MANUAL SHALL BE ON THE JOBSITE PRIOR TO STARTING THE INSTALLATION OF HANGERS AND/OR BRACES. THE APPROVED AGENCY/INSPECTOR SHALL MAINTAIN AN APPROVED COPY OF THE OPM (OBTAINED FROM THE OSHPD WEBSITE) IN ACCORDANCE WITH THE CAC.
- COMPONENTS OF TWO OR MORE PRE-APPROVED BRACING SYSTEMS SHALL NOT BE MIXED. ONLY ONE PRE-APPROVED BRACING SYSTEM MAY BE USED FOR A RUN OF PIPE, DUCT, OR RACEWAY. ANY SUBSTITUTION OF A COMPONENT OF AN OPM SYSTEM SHALL REQUIRE OSHPD REVIEW AND APPROVAL.
- EXPANSION ANCHORS: ALL POST INSTALLED CONCRETE ANCHORS SHALL MEET REQUIREMENTS OF THE MOST CURRENT CBC, AND BE INSTALLED PER THEIR ICC ESR REPORT. THE SPECIAL INSPECTOR SHALL BE ON THE JOBSITE CONTINUOUSLY DURING ANCHOR INSTALLATION, UNLESS OTHERWISE NOTED IN THE ICC ESR. EXPANSION ANCHORS TO BE TESTED PER THE REQUIREMENTS SPECIFIED IN THE MOST CURRENT CBC.
- BRACE PIPES, DUCTWORK, AND CONDUIT IN ACCORDANCE WITH ONE OF THE FOLLOWING PRE-APPROVED BRACING SYSTEMS. COMPONENTS OF TWO OR MORE PRE-APPROVED BRACING SYSTEMS SHALL NOT BE MIXED:
 - OPM-0043-13 MASON WEST SEISMIC RESTRAINT GUIDELINES FOR SUSPENDED DISTRIBUTION SYSTEMS.
 - OPM-0403-13 ISAT SEISMIC RESTRAINT GUIDELINES

SHEET INDEX

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PROJECT NOTES

- FIELD VERIFY ALL EXISTING CONDITIONS INCLUDING STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL, EQUIPMENT, AND ALL OTHER EXISTING SYSTEMS. MAKE NECESSARY PROVISIONS TO MAINTAIN THE INTEGRITY OF SYSTEMS PRIOR TO THE COMMENCEMENT OF DEMOLITION.
- COORDINATE PHASING OF ALL DEMOLITION AND NEW WORK WITH OTHER TRADES. REVIEW RENOVATION DRAWINGS TO VERIFY AND DETERMINE EXTENT OF, AND SCHEDULING FOR, ALL DEMOLITION PRIOR TO PERFORMING ANY WORK.
- FOR RENOVATION WORK, FIELD VERIFY ALL SIZES, LOCATIONS, AND ROUTING OF EXISTING ITEMS TO REMAIN, AND OF NEW WORK INDICATED ON THE PLANS. NOTIFY THE DESIGN AUTHORITY OF ANY DEVIATIONS WHICH MAY AFFECT RENOVATION WORK OR SYSTEM OPERATION PRIOR TO PROCEEDING WITH THE WORK.
- OWNER TO REPAIR DUCT LEAKS IN AH-1 PRIOR TO START OF THIS PROJECT.

TCMC MRI

Tri-City Medical
Center

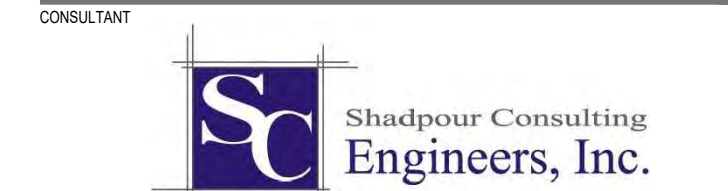
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SHEET TITLE:
MECHANICAL GENERAL NOTES

PROJECT TITLE:
TCMC MRI

PROJECT #:
01907.01

DRAWN BY:
JC

CHECKED BY:
JC

SCALE:
PER TITLE

DATE:
3/11/2020

SHEET NUMBER:
M1-02

TCMC MRI

Tri-City Medical
Center
4002 VISTA WAY
OCEANSIDE CA, 92056

OWNER: TRI-CITY MEDICAL CENTER
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TEL(760)940-7709

ARCHITECT: SFEIR ARCHITECTS
5151 SHOREHAM PL SUITE 265
SAN DIEGO, CALIFORNIA 92122
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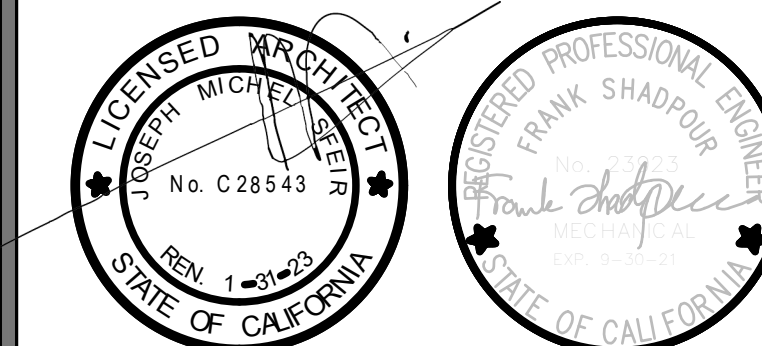
STRUCTURAL: MIYAMOTO INTERNATIONAL, INC.
5550 BALTIMORE DRIVE, SUITE 100
LA MESA, CALIFORNIA 91942
TEL(858)457-3001

MECHANICAL & PLUMBING: SC ENGINEERS, INC.
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ELECTRICAL: AG DESIGN, INC.
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INTERIORS: ISLEY DESIGN & PLANNING
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OSHPD COMMENTS	8/9/2020
DESIGN CHANGES	8/10/2020
OSHPD COMMENTS	10/2/2020
OSHPD COMMENTS	11/24/2020
DESIGN CHANGES	11/24/2020
ACD 0001 DESIGN CHANGES	4/14/2021

REV.	DESCRIPTION	DATE



OSHPD APPROVAL STAMP:
OSHPD # S200813-37-00-ACD0001

SHEET TITLE:
MECHANICAL PHASING PLAN - PHASE 1

PROJECT TITLE:
TCMC MRI

PROJECT #: 01907.01
DRAWN BY: SC
CHECKED BY: JC
SCALE: PER TITLE
DATE: 3/11/2020

SHEET NUMBER:
M1-03

MECHANICAL PHASE 1

PHASE 1 MECHANICAL: PRE-TESTING

1. AH-1 SYSTEM: PRIOR TO COMMENCEMENT OF CONSTRUCTION, PROVIDE THE FOLLOWING TEST DATA FOR AH-1:
 - 1.1. SUPPLY FAN HP, AMPS, RPM, MOTOR SIZE, AND MODEL NUMBER.
 - 1.2. RETURN FAN HP, AMPS, RPM, MOTOR SIZE, AND MODEL NUMBER.
 - 1.3. MAIN OUTSIDE AIR DUCT TRAVERSE AT AH-1 AT MINIMUM POSITION. CONFIRM OUTSIDE AIR IS MINIMUM 26% OF THE SUPPLY AIR
 - 1.4. TOTAL AND EXTERNAL STATIC PRESSURE.
 - 1.5. EXISTING AIRFLOW QUANTITIES FOR AS INDICATED ON DRAWINGS.
2. EF-1 SYSTEM: PRIOR TO COMMENCEMENT OF CONSTRUCTION, PROVIDE THE FOLLOWING TEST DATA FOR EF-1:
 - 2.1. EXHAUST FAN HP, AMPS, RPM, MOTOR SIZE, AND MODEL NUMBER.
 - 2.2. EXTERNAL STATIC PRESSURE.
3. COORDINATION: COORDINATE WITH ARCHITECTURAL PHASING PLANS AND OTHER TRADES.

GENERAL PHASING NOTES

THE FOLLOWING IS INTENDED AS A CONCEPTUAL PHASING PLAN AND IDENTIFIES THE CRITICAL STEPS REQUIRED TO BE COMPLETED. THE PHASES ARE NOT INTENDED TO BE AN ALL INCLUSIVE LIST. THE INTENT IS TO FOLLOW THE OVERALL PHASING PLAN OF THE PROJECT WITH AREAS SERVED BY AH-1 ARE TO REMAIN IN OPERATION. A COMPLETE DETAILED PHASING PLAN SHALL BE COMPLETED WITHIN 30 DAYS OF NOTICE TO PROCEED. THE PHASING PLAN SHALL IDENTIFY ALL ACTIVITIES REQUIRED TO PERFORM THE WORK AND SHALL INCLUDE AT A MINIMUM; SCHEDULE, UTILITY SERVE INTERRUPTIONS, TEMPORARY SERVICE REQUIREMENTS, PRODUCT PROCUREMENT, INSTALLATION AND SKETCHED TO INDICATE EACH STEP. THE PHASING PLAN WILL REQUIRE APPROVAL BY THE OWNER AND MEOR PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. THE FOLLOWING ARE OVERALL CRITICAL STEPS OF THE MECHANICAL AND PLUMBING SYSTEMS INSTALLATION.

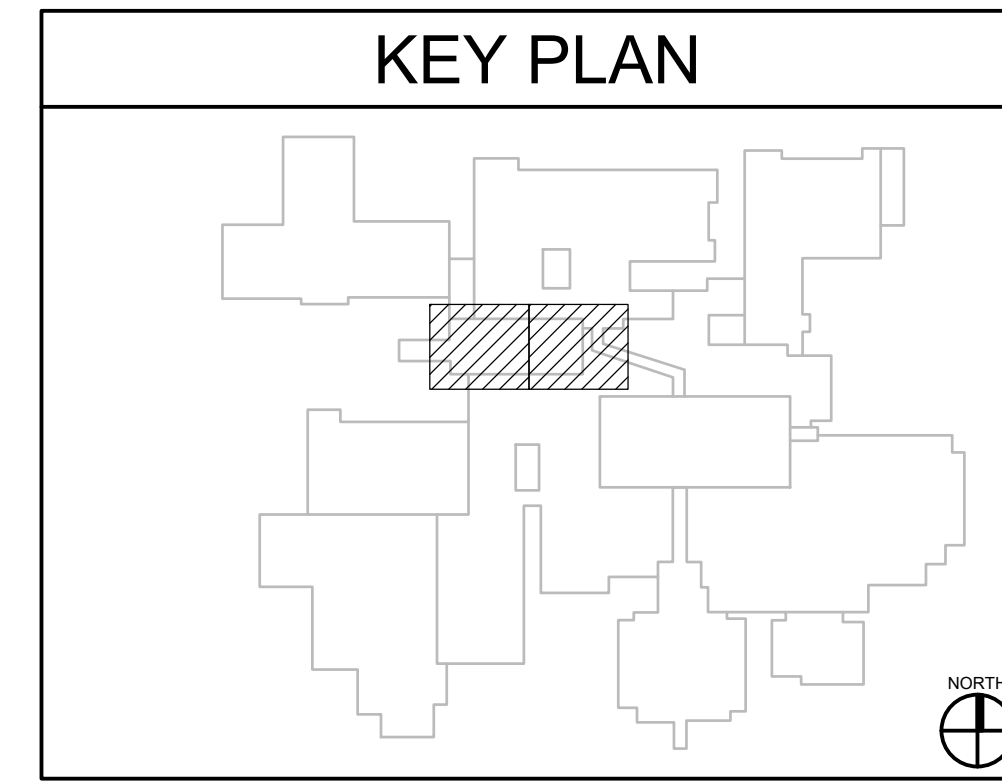
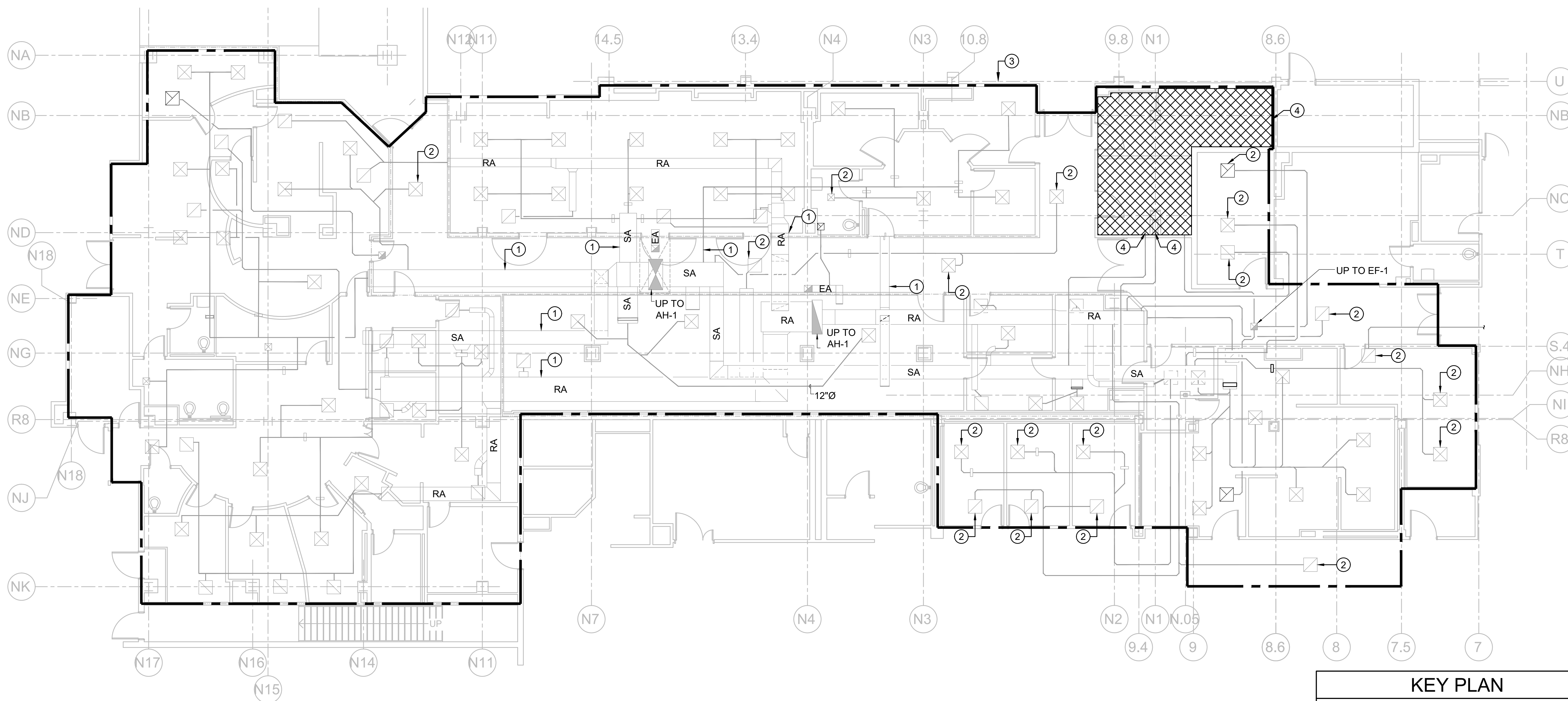
1. PERFORM PRE-TEST READINGS AS INDICATED ON M1-03.
2. INSTALL MECHANICAL PIPING AND TEMPORARY DUCTWORK REQUIRED TO KEEP AREAS OUTSIDE SCOPE OF WORK OPERATIONAL.
3. DEMOLISH MECHANICAL AND PLUMBING SYSTEMS AS INDICATED IN MECHANICAL DEMOLITION PLANS. CONNECT MECHANICAL PIPING AND TEMPORARY DUCTWORK. BALANCE TO PRE-TEST READINGS.
4. INSTALL MECHANICAL COMPONENTS REQUIRED TO KEEP AREAS OUTSIDE SCOPE OF WORK OPERATIONAL.
5. REMOVE TEMPORARY SYSTEMS.
6. INSTALL REMAINING MECHANICAL PLUMBING SYSTEMS PER CONTRACT DRAWINGS. PERFORM FINAL TEST AND BALANCE.

GENERAL NOTES

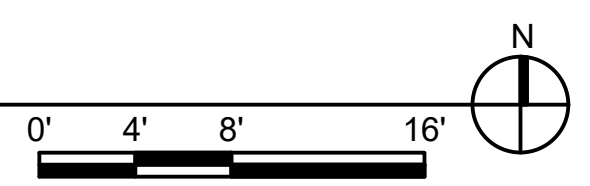
1. EXISTING CONDITIONS SHOWN ARE BASED ON AVAILABLE AS-BUILT DRAWINGS AND LIMITED NON-DESTRUCTIVE SITE SURVEYS. VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION ACTIVITIES AND NOTIFY THE OWNER OF ANY CONDITIONS THAT DIFFER.
2. UTILITY SERVICES TO THE BUILDING SHALL NOT BE INTERRUPTED UNLESS APPROVED BY THE OWNER. PROVIDE MINIMUM 2 WEEK NOTIFICATION IN ADVANCE OF UTILITY OUTAGES.

KEY NOTES

- ① MEASURE, RECORD AND SUBMIT AIR VOLUME AND STATIC PRESSURE AT LOCATION INDICATED TO OWNER. PROVIDE MANUAL VOLUME DAMPERS AS REQUIRED TO REBALANCE AIRFLOW. REFER TO PHASING PLANS FOR DETAILS.
- ② MEASURE, RECORD AND SUBMIT DIFFUSER/GRILLE CFM VALUES TO OWNER.
- ③ AREA SERVED BY (E)AHU-1.
- ④ MEASURE, RECORD AND SUBMIT DIFFUSER/GRILLE CFM VALUES ASSOCIATED WITH (AHU-1).



① **MECHANICAL PHASING PLAN - PHASE 1**
SCALE: 1/8" = 1'-0"



MECHANICAL PHASE 2

PHASE 2 MECHANICAL: INSTALLATION PREPARATION

- COORDINATION: COORDINATE THE INSTALLATION PREPARATION PROCESS WITH PHASING PLANS AND OTHER TRADES.
- PROVIDE THE FOLLOWING ITEMS PRIOR TO DEMOLITION:
 - TEMPORARY DUCTS UP TO POINTS OF CONNECTIONS AS SHOWN.
 - PROVIDE MECHANICAL PIPING SEGMENTS REQUIRED TO MAINTAIN AREAS OUTSIDE PROJECT BOUNDARIES OPERATIONAL.
- SHUTDOWN PERIOD: OBTAIN APPROVAL FROM THE HOSPITAL PRIOR TO COMMENCEMENT OF THIS PHASE.

GENERAL PHASING NOTES

THE FOLLOWING IS INTENDED AS A CONCEPTUAL PHASING PLAN AND IDENTIFIES THE CRITICAL STEPS REQUIRED TO BE COMPLETED. THE PHASES ARE NOT INTENDED TO BE AN ALL INCLUSIVE LIST. THE INTENT IS TO FOLLOW THE OVERALL PHASING PLAN OF THE PROJECT WITH AREAS SERVED BY AH-1 ARE TO REMAIN IN OPERATION. A COMPLETE DETAILED PHASING PLAN SHALL BE COMPLETED WITHIN 30 DAYS OF NOTICE TO PROCEED. THE PHASING PLAN SHALL IDENTIFY ALL ACTIVITIES REQUIRED TO PERFORM THE WORK AND SHALL INCLUDE AT A MINIMUM; SCHEDULE, UTILITY SERVICE INTERRUPTIONS, TEMPORARY SERVICE REQUIREMENTS, PRODUCT PROCUREMENT, INSTALLATION AND SKETCHED TO INDICATE EACH STEP. THE PHASING PLAN WILL REQUIRE APPROVAL BY THE OWNER AND MEOR PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. THE FOLLOWING ARE OVERALL CRITICAL STEPS OF THE MECHANICAL AND PLUMBING SYSTEMS INSTALLATION.

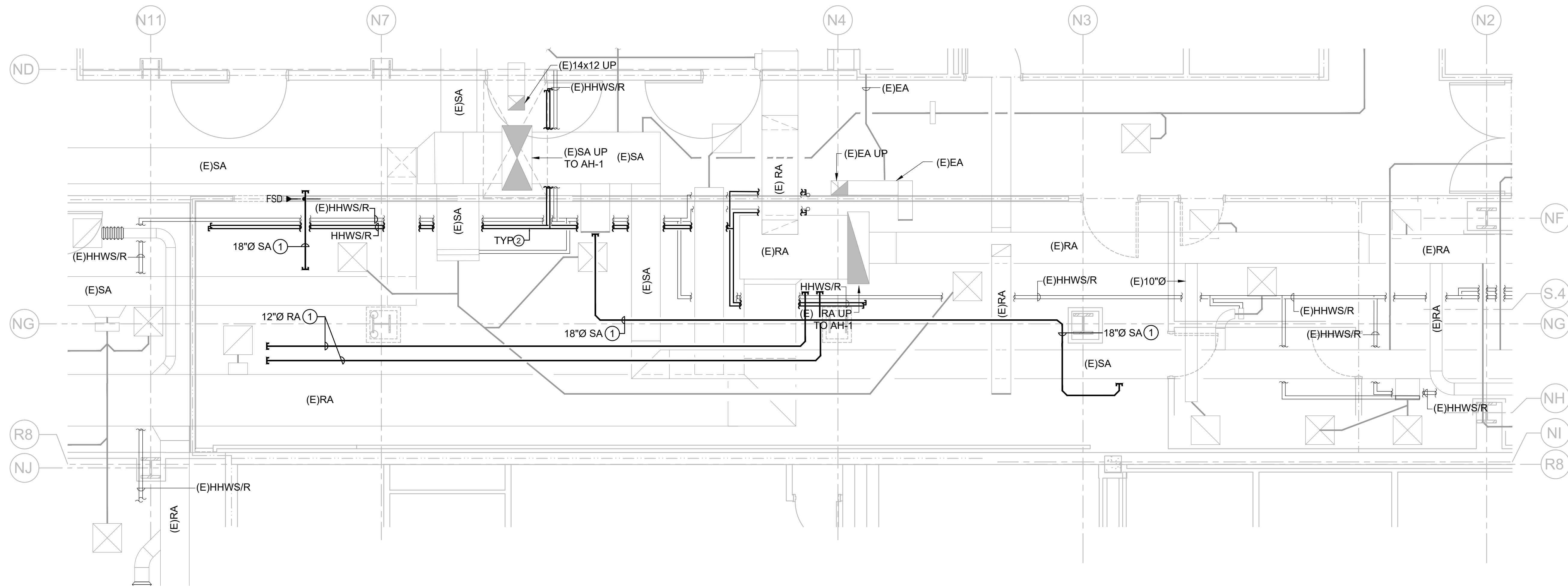
- PERFORM PRE-TEST READINGS AS INDICATED ON M1-03.
- INSTALL MECHANICAL PIPING AND TEMPORARY DUCTWORK REQUIRED TO KEEP AREAS OUTSIDE SCOPE OF WORK OPERATIONAL.
- DEMOLISH MECHANICAL AND PLUMBING SYSTEMS AS INDICATED IN MECHANICAL DEMOLITION PLANS. CONNECT MECHANICAL PIPING AND TEMPORARY DUCTWORK. BALANCE TO PRE-TEST READINGS.
- INSTALL MECHANICAL COMPONENTS REQUIRED TO KEEP AREAS OUTSIDE SCOPE OF WORK OPERATIONAL.
- REMOVE TEMPORARY SYSTEMS.
- INSTALL REMAINING MECHANICAL PLUMBING SYSTEMS PER CONTRACT DRAWINGS. PERFORM FINAL TEST AND BALANCE.

GENERAL NOTES

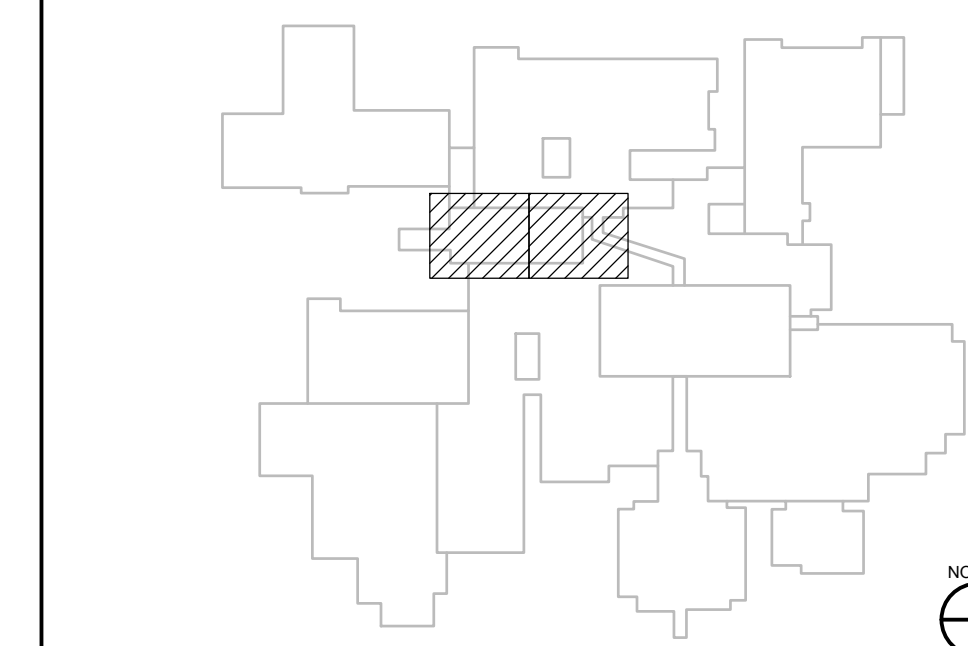
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- UTILITY SERVICES TO THE BUILDING SHALL NOT BE INTERRUPTED UNLESS APPROVED BY THE OWNER. PROVIDE MINIMUM 2 WEEK NOTIFICATION IN ADVANCE OF UTILITY OUTAGES.

KEY NOTES

- PROVIDE TEMPORARY DUCTS IN PREPARATION FOR PHASE 3B
- PROVIDE MECHANICAL HHW PIPING PER M3-03.

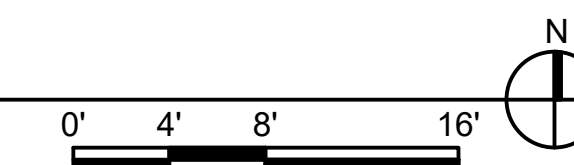


KEY PLAN



1 MECHANICAL PHASING PLAN - PHASE 2

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



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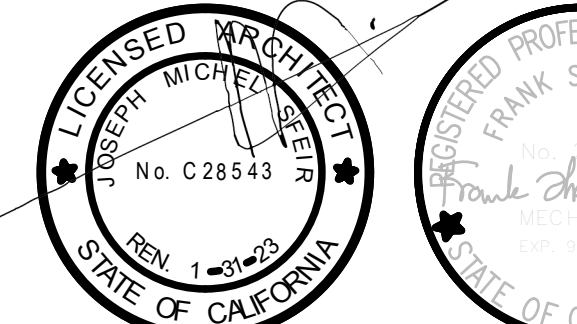
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4	OSHPD COMMENTS	11/24/2020
5	DESIGN CHANGES	11/24/2020
6	ACD 0001 DESIGN CHANGES	4/14/2021

REV	DESCRIPTION	DATE



OSHPD APPROVAL STAMP:
OSHPD # S200813-37-00-ACD0001

SHEET TITLE:
**MECHANICAL PHASING
PLAN - PHASE 2**

PROJECT TITLE:
TCMC MRI

PROJECT #: 01907.01
DRAWN BY: SC
CHECKED BY: JC
SCALE: PER TITLE
DATE: 3/11/2020

M1-04

MECHANICAL PHASE 3A

GENERAL PHASING NOTES

GENERAL NOTES

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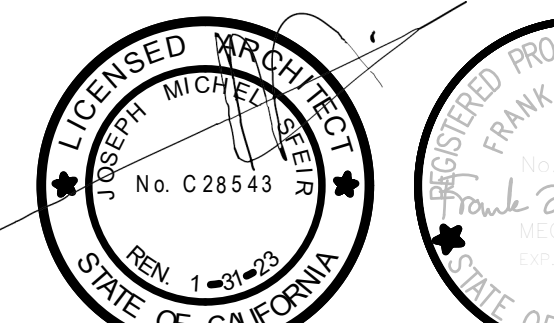
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DESIGN CHANGES	11/24/2020
ACD 0001 DESIGN CHANGES	4/14/2021

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OSHPD # S200813-37-00-ACD0001

SHEET TITLE:
**MECHANICAL PHASING
PLAN - PHASE 3A**

PROJECT TITLE:
TCMC MRI

PROJECT #:
01907.01
DRAWN BY:
SC
CHECKED BY:
JC
SCALE:
PER TITLE
DATE:
3/11/2020

M1-05

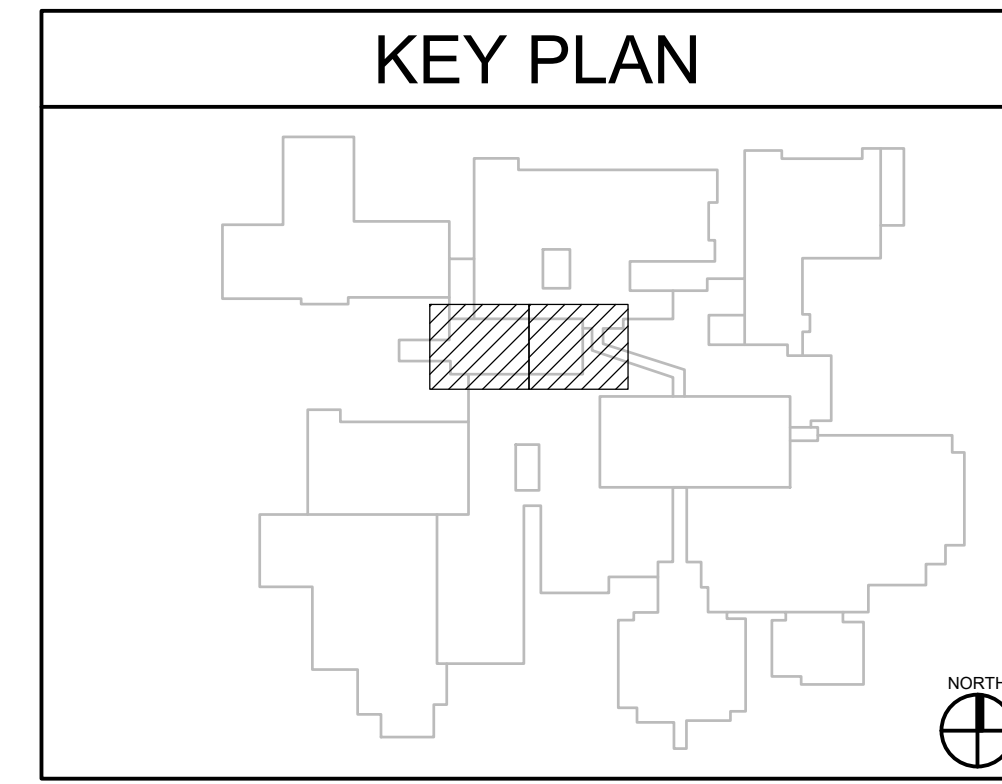
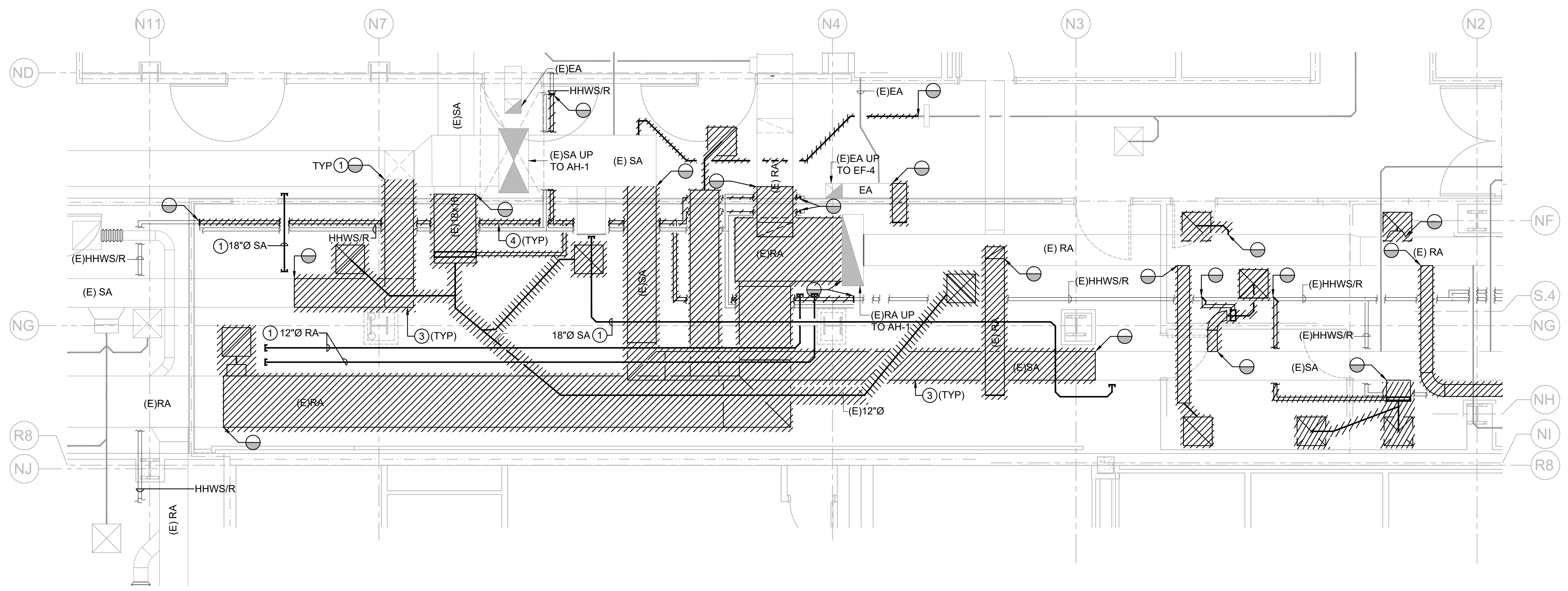
- PHASE 3A MECHANICAL: DEMOLITION
- COORDINATION: COORDINATE THE INSTALLATION PREPARATION PROCESS WITH PHASING PLANS AND OTHER TRADES.
 - DUCTWORK: DEMOLISH DUCTWORK AS SHOWN.
 - MECHANICAL PIPING: DEMOLISH PIPING AS INDICATED ON M2-01.
 - SHUTDOWN PERIOD: OBTAIN APPROVAL FROM THE HOSPITAL PRIOR TO COMMENCEMENT OF THIS PHASE.

THE FOLLOWING IS INTENDED AS A CONCEPTUAL PHASING PLAN AND IDENTIFIES THE CRITICAL STEPS REQUIRED TO BE COMPLETED. THE PHASES ARE NOT INTENDED TO BE AN ALL INCLUSIVE LIST. THE INTENT IS TO FOLLOW THE OVERALL PHASING PLAN OF THE PROJECT WITH AREAS SERVED BY AH-1 ARE TO REMAIN IN OPERATION. A COMPLETE DETAILED PHASING PLAN SHALL BE COMPLETED WITHIN 30 DAYS OF NOTICE TO PROCEED. THE PHASING PLAN SHALL IDENTIFY ALL ACTIVITIES REQUIRED TO PERFORM THE WORK AND SHALL INCLUDE AT A MINIMUM; SCHEDULE, UTILITY SERVICE INTERRUPTIONS, TEMPORARY SERVICE REQUIREMENTS, PRODUCT PROCUREMENT, INSTALLATION AND SKETCHED TO INDICATE EACH STEP. THE PHASING PLAN WILL REQUIRE APPROVAL BY THE OWNER AND MEOR PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. THE FOLLOWING ARE OVERALL CRITICAL STEPS OF THE MECHANICAL AND PLUMBING SYSTEMS INSTALLATION.

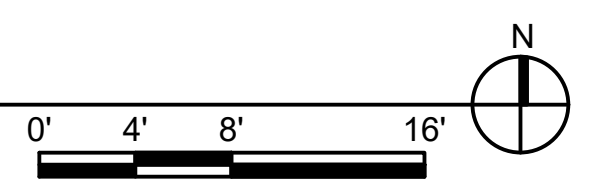
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- REMOVE TEMPORARY SYSTEMS.
- INSTALL REMAINING MECHANICAL PLUMBING SYSTEMS PER CONTRACT DRAWINGS. PERFORM FINAL TEST AND BALANCE.

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- KEY NOTES
- CAP AND SEAL DUCT AIR TIGHT WITH MINIMUM 16-GAUGE GALVANIZED SHEET METAL.
 - TEMPORARY DUCT WORK.
 - DEMOLISH DUCTWORK AND ALL RELATED APPURTENANCES UP TO POD.
 - DEMOLISH HHW PIPING AND ALL RELATED APPURTENANCES UP TO POD.



1 MECHANICAL PHASING PLAN - PHASE 3A
SCALE: 1/8" = 1'-0"



MECHANICAL PHASE 3B

PHASE 3B MECHANICAL: TEMPORARY DUCT CONNECTIONS

- COORDINATION: COORDINATE THE INSTALLATION PREPARATION PROCESS WITH PHASING PLANS AND OTHER TRADES.
- DUCTWORK: CONNECT TEMPORARY DUCTWORK AT POINT OF CONNECTION AS SHOWN.
- MECHANICAL PIPING: CONNECT MECHANICAL PIPING PER M3-03.
- TAB: BALANCE TRAVERSE/GRILLES TO PRE-DEMOLITION VALUES MEASURED IN PHASE 1.
- SHUTDOWN PERIOD: OBTAIN APPROVAL FROM THE HOSPITAL PRIOR TO COMMENCEMENT OF THIS PHASE.

GENERAL PHASING NOTES

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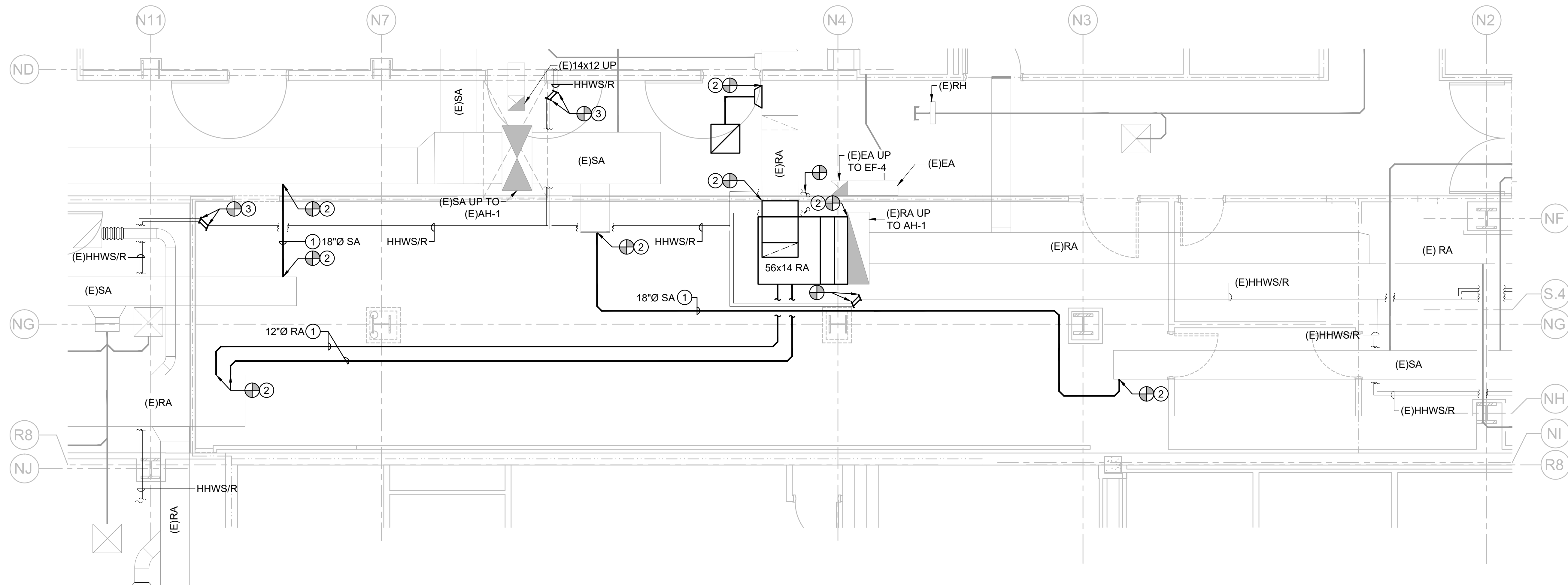
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GENERAL NOTES

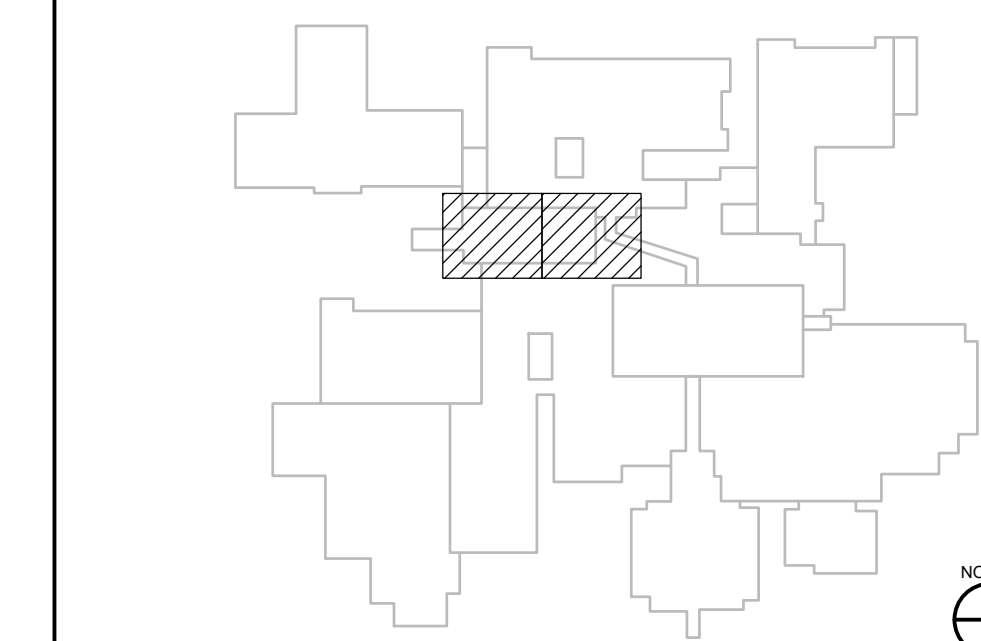
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KEY NOTES

- PROVIDE TEMPORARY DUCTWORK.
- CONNECT TO EXISTING DUCTWORK.
- CONNECT TO EXISTING HHW PIPING.

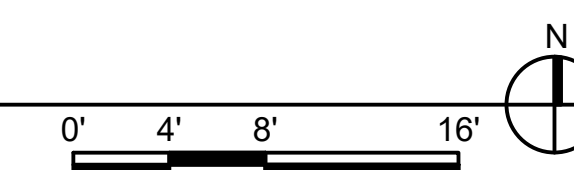


KEY PLAN



MECHANICAL PHASING PLAN - PHASE 3B

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



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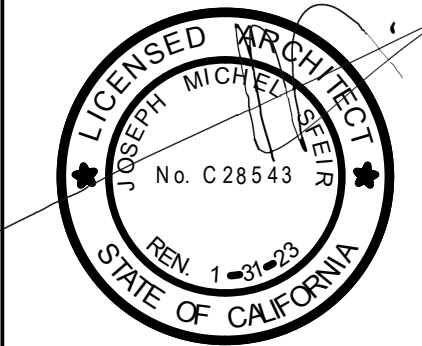
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REV: DESCRIPTION: DATE:



OSHPD APPROVAL STAMP:
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SHEET TITLE:
MECHANICAL PHASING
PLAN - PHASE 3B

PROJECT TITLE:
TCCM MRI

PROJECT #: 01907.01
DRAWN BY: SC
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M1-06

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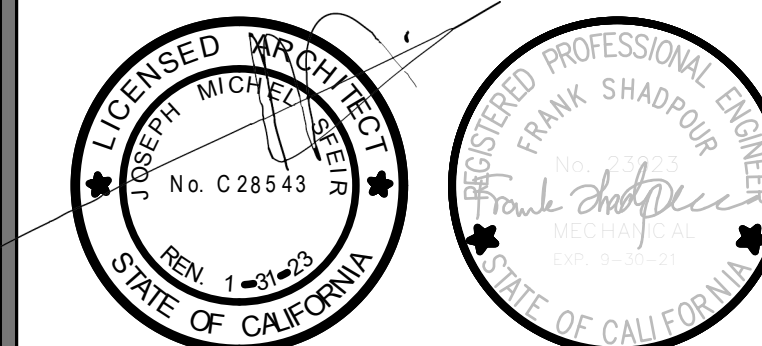
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OSHPD COMMENTS	8/9/2020
DESIGN CHANGES	8/10/2020
OSHPD COMMENTS	10/2/2020
OSHPD COMMENTS	11/24/2020
DESIGN CHANGES	11/24/2020
ACD 0001 DESIGN CHANGES	4/14/2021

REV. DESCRIPTION. DATE

CONSULTANT

SC Shadpour Consulting Engineers, Inc.

OSHPD APPROVAL STAMP:
OSHPD # S200813-37-00-ACD0001

SHEET TITLE
MECHANICAL PHASING PLAN - PHASE 4

PROJECT TITLE
TCMC MRI

PROJECT #
01907.01

DRAWN BY
SC

CHECKED BY
JC

SCALE
PER TITLE

DATE
3/11/2020

SHEET NUMBER
M1-07

MECHANICAL PHASE 4

PHASE 4 MECHANICAL: INSTALLATION

- COORDINATION: COORDINATE THE INSTALLATION PREPARATION PROCESS WITH PHASING PLANS AND OTHER TRADES.
- DUCTWORK: INSTALL DUCTWORK AS REQUIRED TO MAINTAIN AREAS OUTSIDE PROJECT BOUNDARIES OPERATIONAL.
- DEMOLITION: DEMOLISH TEMPORARY DUCTWORK.
- TAB: BALANCE TRAVERSE/GRILLES TO PRE-DEMOLITION VALUES MEASURED IN PHASE 1.
- SHUTDOWN PERIOD: OBTAIN APPROVAL FROM THE HOSPITAL PRIOR TO COMMENCEMENT OF THIS PHASE.

GENERAL PHASING NOTES

THE FOLLOWING IS INTENDED AS A CONCEPTUAL PHASING PLAN AND IDENTIFIES THE CRITICAL STEPS REQUIRED TO BE COMPLETED. THE PHASES ARE NOT INTENDED TO BE AN ALL INCLUSIVE LIST. THE INTENT IS TO FOLLOW THE OVERALL PHASING PLAN OF THE PROJECT WITH AREAS SERVED BY AH-1 ARE TO REMAIN IN OPERATION. A COMPLETE DETAILED PHASING PLAN SHALL BE COMPLETED WITHIN 30 DAYS OF NOTICE TO PROCEED. THE PHASING PLAN SHALL IDENTIFY ALL ACTIVITIES REQUIRED TO PERFORM THE WORK AND SHALL INCLUDE AT A MINIMUM; SCHEDULE, UTILITY SERVE INTERRUPTIONS, TEMPORARY SERVICE REQUIREMENTS, PRODUCT PROCUREMENT, INSTALLATION AND SKETCHED TO INDICATE EACH STEP. THE PHASING PLAN WILL REQUIRE APPROVAL BY THE OWNER AND MEOR PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. THE FOLLOWING ARE OVERALL CRITICAL STEPS OF THE MECHANICAL AND PLUMBING SYSTEMS INSTALLATION.

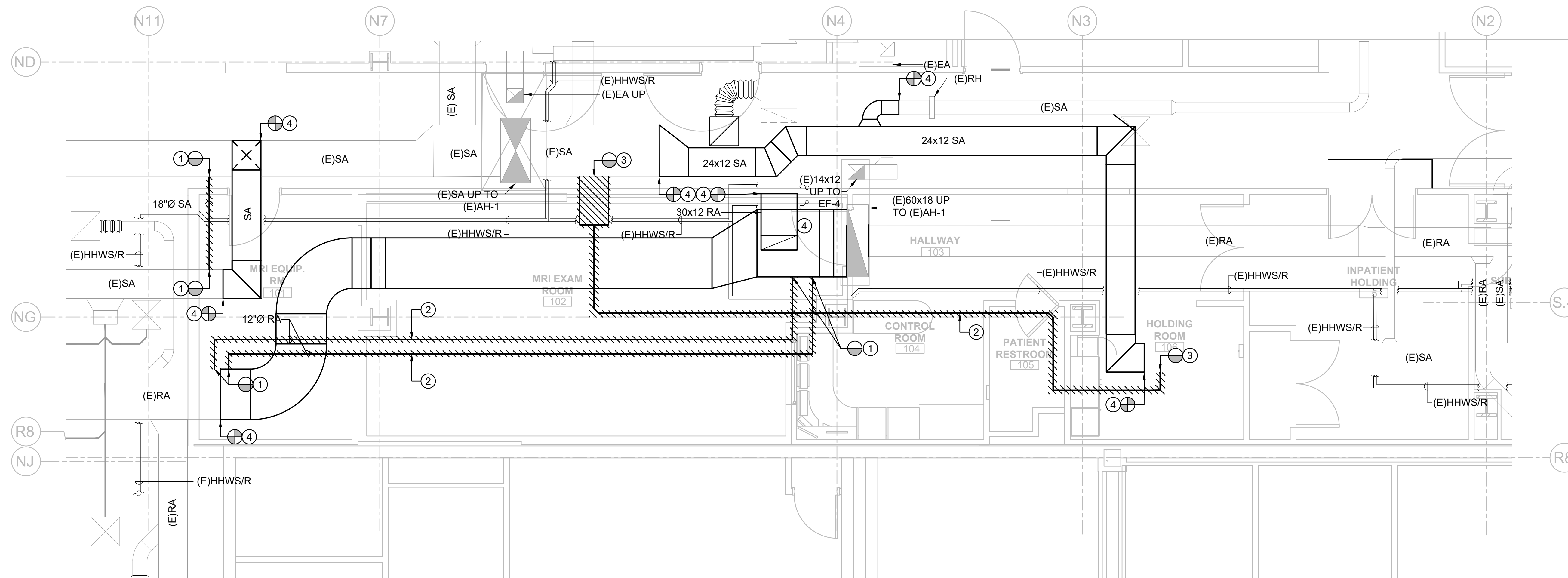
- PERFORM PRE-TEST READINGS AS INDICATED ON M1-03.
- INSTALL MECHANICAL PIPING AND TEMPORARY DUCTWORK REQUIRED TO KEEP AREAS OUTSIDE SCOPE OF WORK OPERATIONAL.
- DEMOLISH MECHANICAL AND PLUMBING SYSTEMS AS INDICATED IN MECHANICAL DEMOLITION PLANS. CONNECT MECHANICAL PIPING AND TEMPORARY DUCTWORK. BALANCE TO PRE-TEST READINGS.
- INSTALL MECHANICAL COMPONENTS REQUIRED TO KEEP AREAS OUTSIDE SCOPE OF WORK OPERATIONAL.
- REMOVE TEMPORARY SYSTEMS.
- INSTALL REMAINING MECHANICAL PLUMBING SYSTEMS PER CONTRACT DRAWINGS. PERFORM FINAL TEST AND BALANCE.

GENERAL NOTES

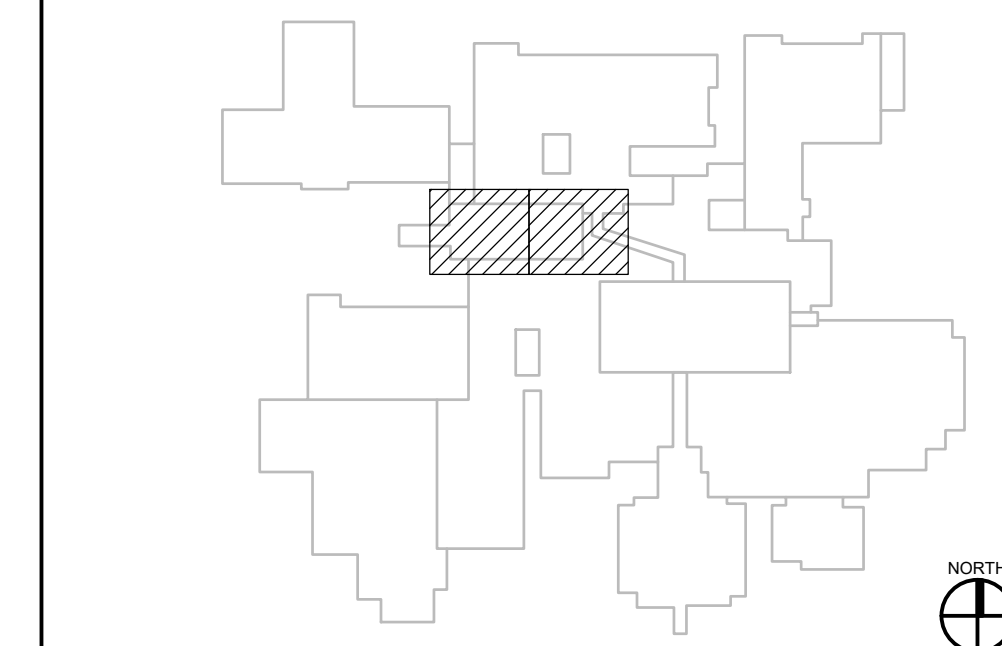
- EXISTING CONDITIONS SHOWN ARE BASED ON AVAILABLE AS-BUILT DRAWINGS AND LIMITED NON-DESTRUCTIVE SITE SURVEYS. VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION ACTIVITIES AND NOTIFY THE OWNER OF ANY CONDITIONS THAT DIFFER.
- UTILITY SERVICES TO THE BUILDING SHALL NOT BE INTERRUPTED UNLESS APPROVED BY THE OWNER. PROVIDE MINIMUM 2 WEEK NOTIFICATION IN ADVANCE OF UTILITY OUTAGES.

KEY NOTES

- DISCONNECT TEMPORARY DUCTWORK FROM EXISTING DUCTWORK. CAP AND SEAL DUCTWORK IMMEDIATELY UPON REMOVAL OF TEMPORARY DUCTWORK.
- DEMOLISH TEMPORARY DUCTS AND ALL RELATED APPURTENANCES UP TO POD.
- DEMOLISH EXISTING DUCTWORK AND ALL RELATED APPURTENANCES UP TO POD.
- CONNECT TO EXISTING DUCTWORK.

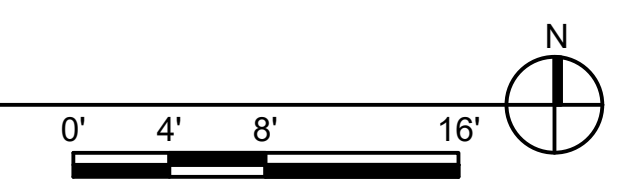


KEY PLAN



1 MECHANICAL PHASING PLAN - PHASE 4

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



TCMC MRI

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ARCHITECT: SFEIR ARCHITECTS
5151 SHOREHAM PL, SUITE 265
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TEL(619)299-3917

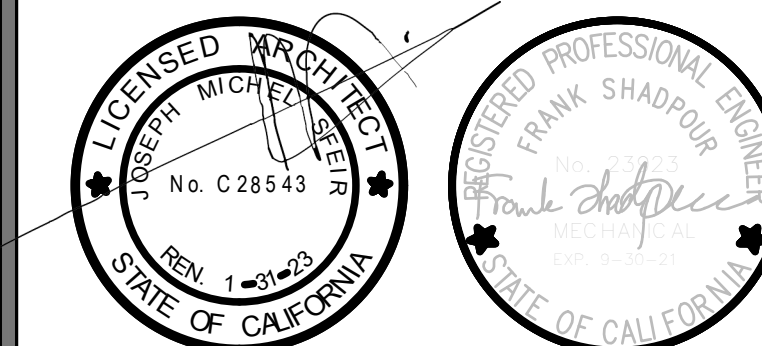
STRUCTURAL: MIYAMOTO INTERNATIONAL, INC.
5550 BALTIMORE DRIVE, SUITE 100
LA MESA, CALIFORNIA 91942
TEL(858)457-3001

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OSHPD COMMENTS	8/9/2020
DESIGN CHANGES	8/10/2020
OSHPD COMMENTS	10/2/2020
OSHPD COMMENTS	11/24/2020
DESIGN CHANGES	11/24/2020
ACD 0001 DESIGN CHANGES	4/14/2021

REV.	DESCRIPTION	DATE



OSHPD APPROVAL STAMP:
OSHPD # S200813-37-00-ACD0001

SHEET TITLE:
MECHANICAL PHASING PLAN - PHASE 5

PROJECT TITLE:
TCMC MRI

PROJECT #:
01907.01

DRAWN BY:
SC

CHECKED BY:
JC

SCALE:
PER TITLE

DATE:
3/11/2020

SHEET NUMBER:
M1-08

MECHANICAL PHASE 5

- PHASE 5 MECHANICAL: INSTALLATION
- COORDINATION: COORDINATE THE INSTALLATION PREPARATION PROCESS WITH PHASING PLANS AND OTHER TRADES.
 - DUCTWORK: INSTALL REMAINING MECHANICAL COMPONENTS AS INDICATED ON NEW WORK PLANS M3-01 AND M3-02.
 - TAB: BALANCE TRAVERSE/GRILLES TO PRE-DEMOLITION VALUES MEASURED IN PHASE 1
 - SHUTDOWN PERIOD: OBTAIN APPROVAL FROM THE HOSPITAL PRIOR TO COMMENCEMENT OF THIS PHASE.

GENERAL PHASING NOTES

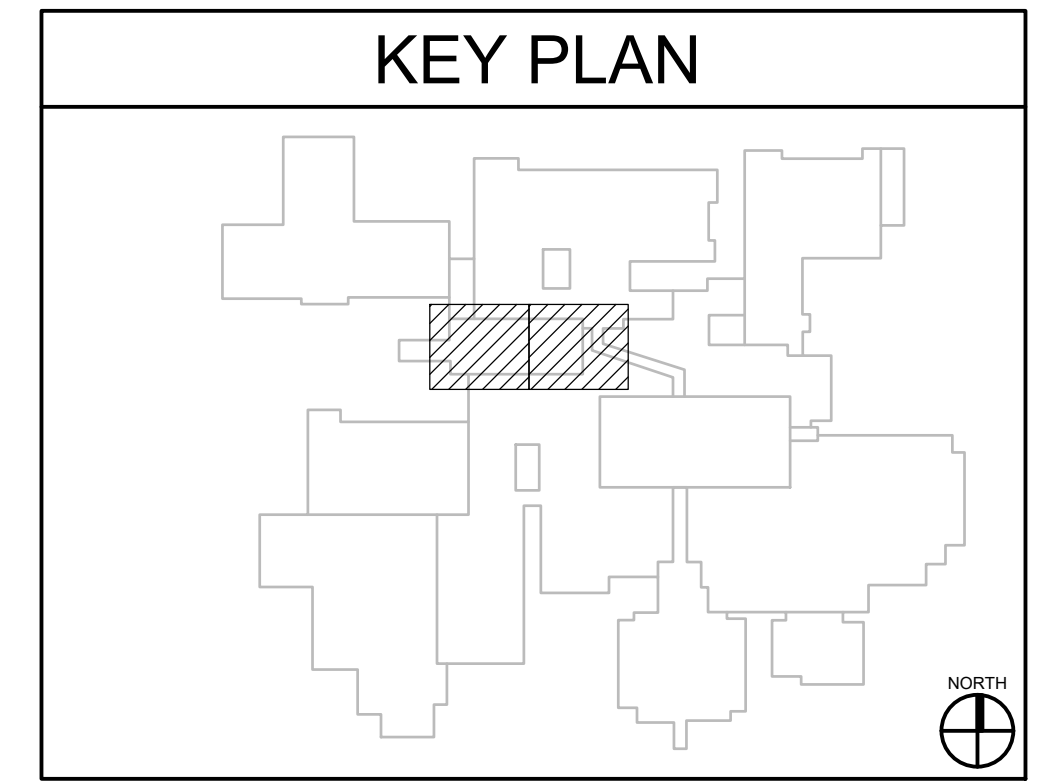
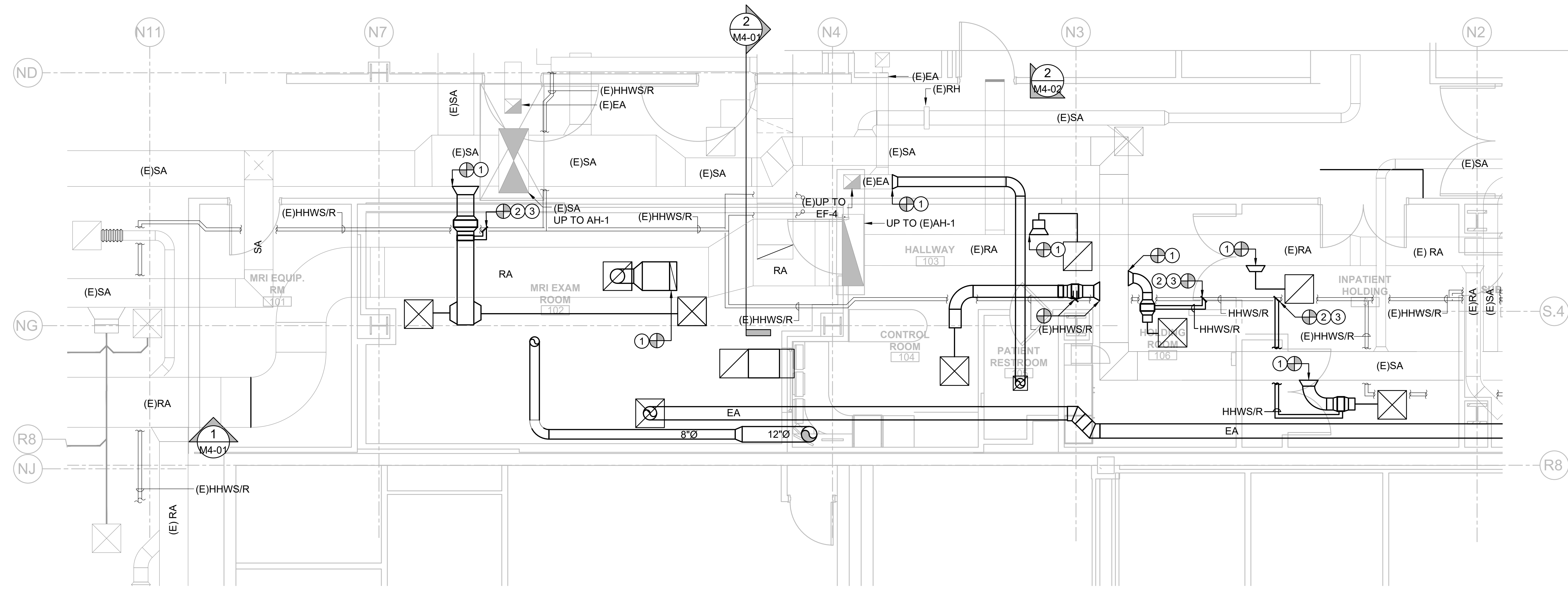
- THE FOLLOWING IS INTENDED AS A CONCEPTUAL PHASING PLAN AND IDENTIFIES THE CRITICAL STEPS REQUIRED TO BE COMPLETED. THE PHASES ARE NOT INTENDED TO BE AN ALL INCLUSIVE LIST. THE INTENT IS TO FOLLOW THE OVERALL PHASING PLAN OF THE PROJECT WITH AREAS SERVED BY AH-1 ARE TO REMAIN IN OPERATION. A COMPLETE DETAILED PHASING PLAN SHALL BE COMPLETED WITHIN 30 DAYS OF NOTICE TO PROCEED. THE PHASING PLAN SHALL IDENTIFY ALL ACTIVITIES REQUIRED TO PERFORM THE WORK AND SHALL INCLUDE AT A MINIMUM; SCHEDULE, UTILITY SERVICE INTERRUPTIONS, TEMPORARY SERVICE REQUIREMENTS, PRODUCT PROCUREMENT, INSTALLATION AND SKETCHED TO INDICATE EACH STEP. THE PHASING PLAN WILL REQUIRE APPROVAL BY THE OWNER AND MEOR PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. THE FOLLOWING ARE OVERALL CRITICAL STEPS OF THE MECHANICAL AND PLUMBING SYSTEMS INSTALLATION.
- PERFORM PRE-TEST READINGS AS INDICATED ON M1-03.
 - INSTALL MECHANICAL PIPING AND TEMPORARY DUCTWORK REQUIRED TO KEEP AREAS OUTSIDE SCOPE OF WORK OPERATIONAL.
 - DEMOLISH MECHANICAL AND PLUMBING SYSTEMS AS INDICATED IN MECHANICAL DEMOLITION PLANS. CONNECT MECHANICAL PIPING AND TEMPORARY DUCTWORK. BALANCE TO PRE-TEST READINGS.
 - INSTALL MECHANICAL COMPONENTS REQUIRED TO KEEP AREAS OUTSIDE SCOPE OF WORK OPERATIONAL.
 - REMOVE TEMPORARY SYSTEMS.
 - INSTALL REMAINING MECHANICAL PLUMBING SYSTEMS PER CONTRACT DRAWINGS. PERFORM FINAL TEST AND BALANCE.

GENERAL NOTES

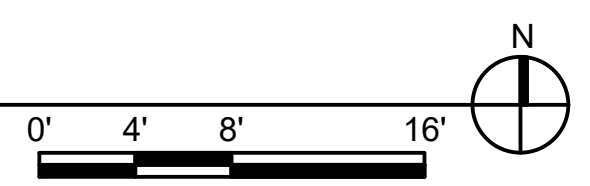
- EXISTING CONDITIONS SHOWN ARE BASED ON AVAILABLE AS-BUILT DRAWINGS AND LIMITED NON-DESTRUCTIVE SITE SURVEYS. VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION ACTIVITIES AND NOTIFY THE OWNER OF ANY CONDITIONS THAT DIFFER.
- UTILITY SERVICES TO THE BUILDING SHALL NOT BE INTERRUPTED UNLESS APPROVED BY THE OWNER. PROVIDE MINIMUM 2 WEEK NOTIFICATION IN ADVANCE OF UTILITY OUTAGES.

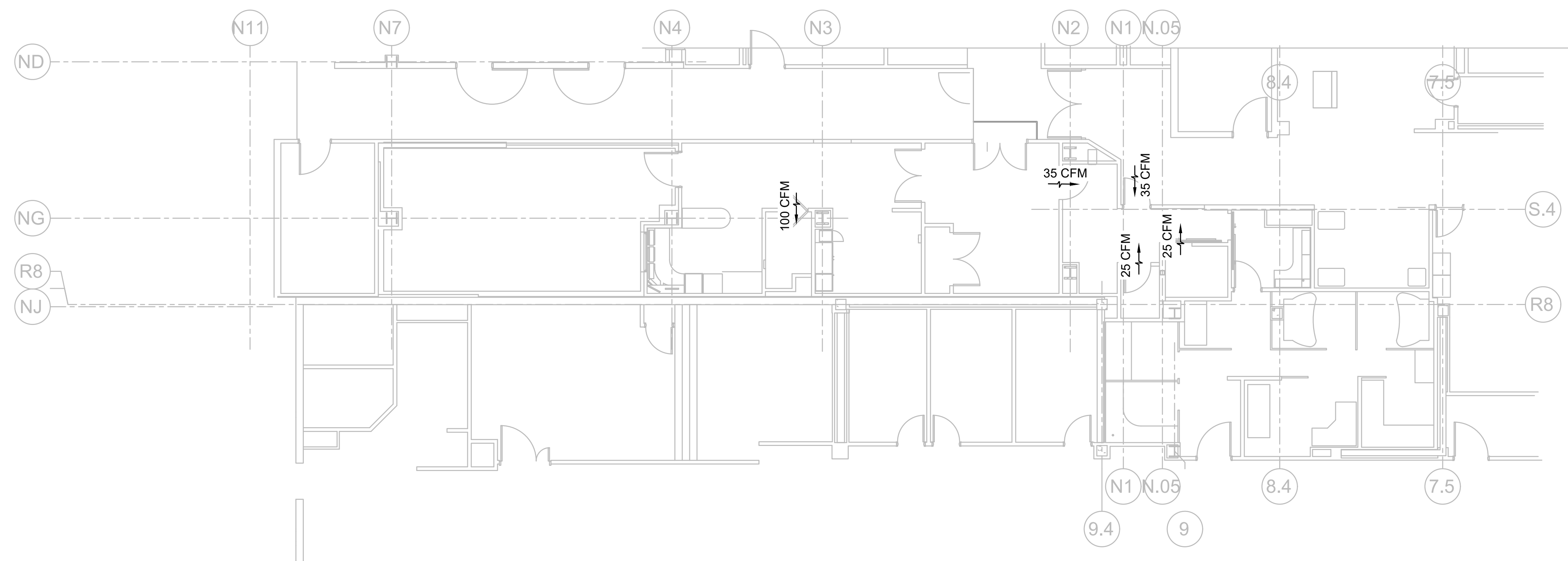
KEY NOTES

- CONNECT TO EXISTING DUCTWORK AT POC.
- CONNECT TO EXISTING HHWS/R PIPING AT POC.
- PROVIDE HHWS/R PIPING SHUT-OFF VALVE.

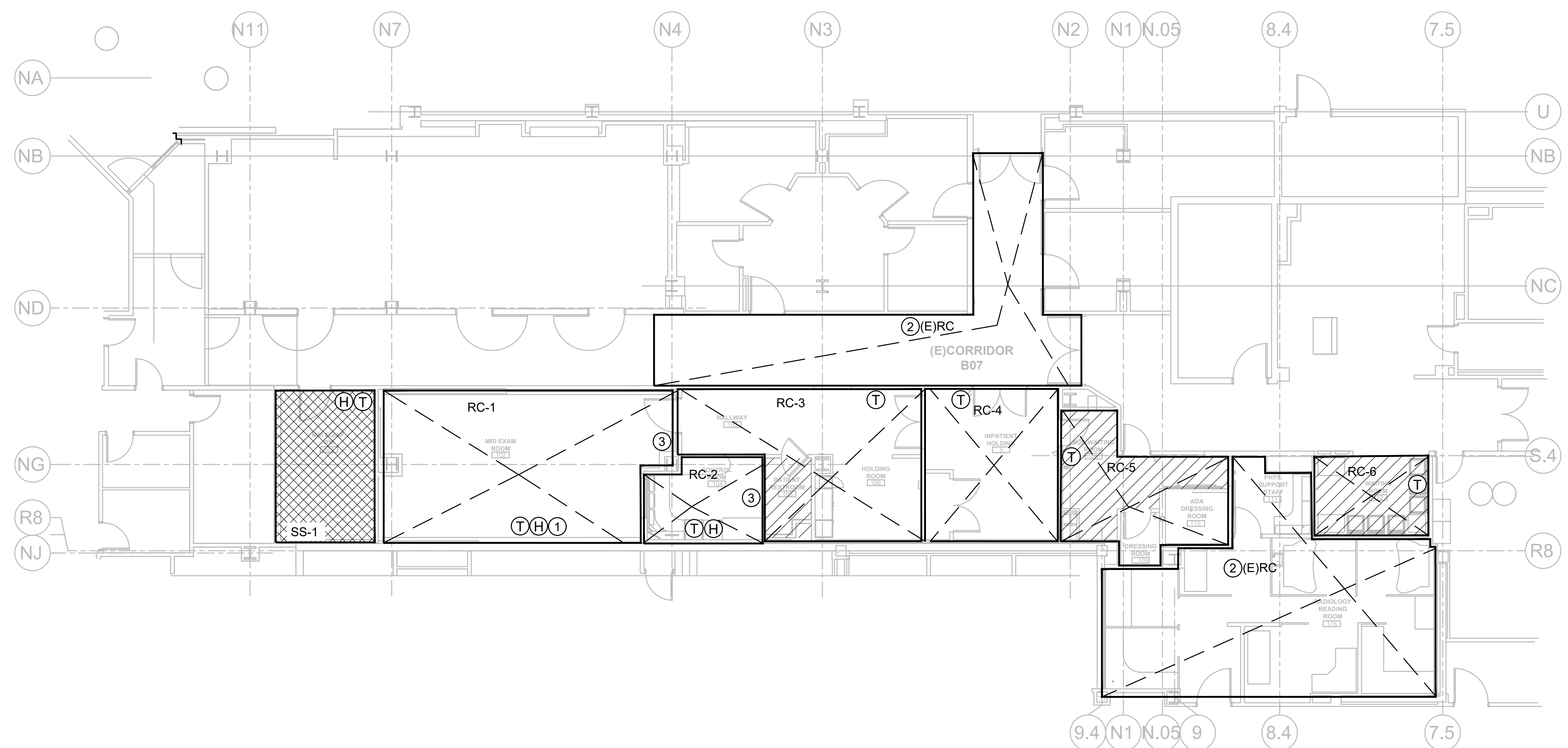
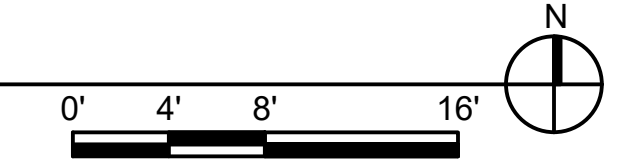


1 MECHANICAL PHASING PLAN - PHASE 5
SCALE: 1/8" = 1'-0"

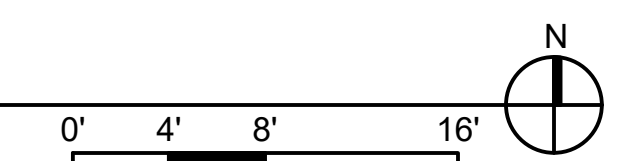




1 MECHANICAL AIRFLOW BALANCE PLAN
SCALE: 1/8" = 1'-0"



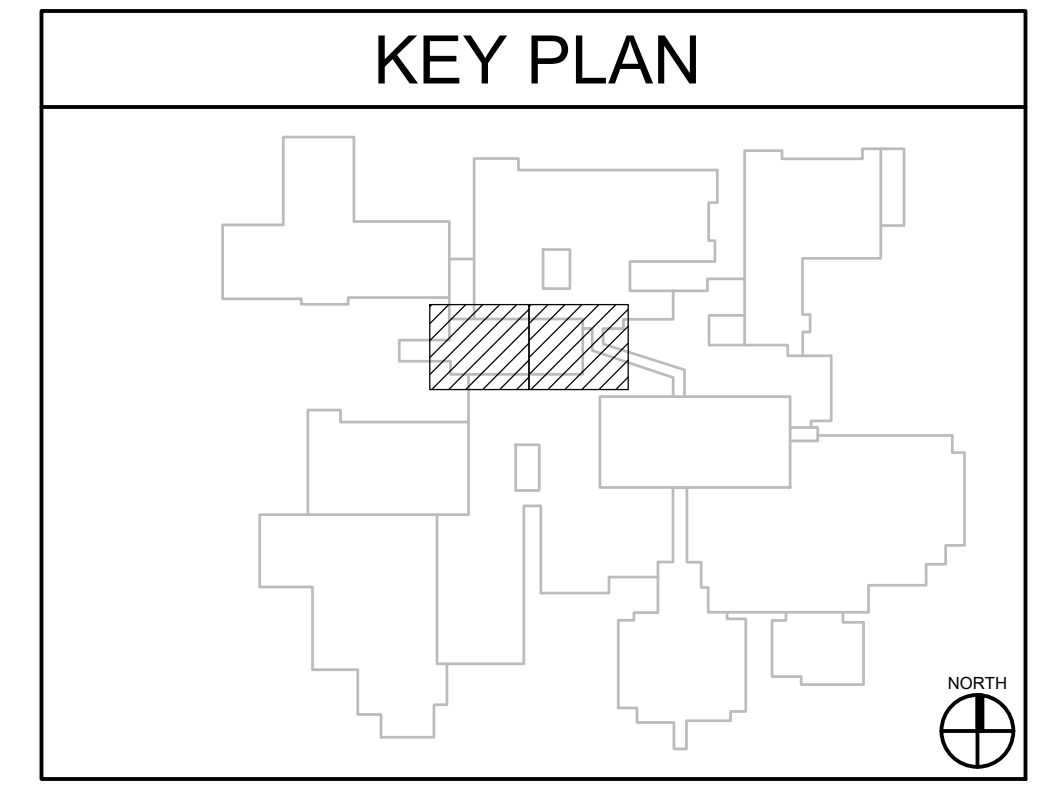
2 MECHANICAL ZONING PLAN
SCALE: 1/8" = 1'-0"



- ### GENERAL NOTES
1. PROVIDE TEMPERATURE SENSOR FOR EACH ZONE.
 2. SENSOR LOCATIONS INDICATED MAY VARY BASED UPON ACTUAL FURNITURE AND OWNER PROVIDED LAYOUTS. COORDINATE EXACT LOCATIONS WITH FURNITURE LAYOUT AND INCLUDE PROPOSED LOCATIONS IN SHOP DRAWINGS.
 3. PROVIDE HARDWIRED THERMOSTAT FOR CONTROL AND DDC TEMPERATURE SENSOR FOR MONITORING.
 4. DDC TEMPERATURE SENSOR TO DISPLAY AT FRONT-END USER INTERFACE.

- ### KEY NOTES
- ① LOCATE MRI SCAN ROOM TEMPERATURE SENSOR AND HUMIDISTAT IN THE RETURN AIR DUCT IN ACCESSIBLE LOCATION.
 - ② EXISTING RE-HEAT COIL TO REMAIN
 - ③ EXHAUST FAN EF-2 MANUAL SWITCHES WIRED IN PARALLEL.

- ### LEGEND
- ROOM EXHAUSTED
 - REHEAT COIL
 - SPLIT SYSTEM
 - THERMOSTAT
 - HUMIDITY SENSOR



S F E I R
ARCHITECTS

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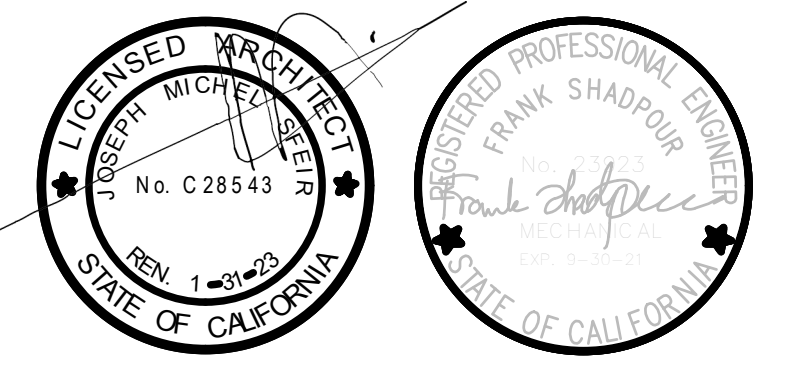
STRUCTURAL: MIYAMOTO INTERNATIONAL, INC.
5550 BALTIMORE DRIVE, SUITE 100
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REV	DESCRIPTION	DATE
△	OSHPD COMMENTS	8/9/2020
△	DESIGN CHANGES	8/10/2020
△	OSHPD COMMENTS	10/2/2020
△	OSHPD COMMENTS	11/24/2020
△	DESIGN CHANGES	11/24/2020
△	ACD 0001 DESIGN CHANGES	4/14/2021

REV	DESCRIPTION	DATE



OSHPD APPROVAL STAMP:
OSHPD # S200813-37-00-ACD0001

SHEET TITLE:
MECHANICAL ZONING PLAN

PROJECT TITLE:
TCMC MRI

PROJECT #:
01907.01

DRAWN BY:
SC

CHECKED BY:
JC

SCALE:
PER TITLE

DATE:
3/11/2020

SHEET NUMBER:
M1-09

TCMC MRI

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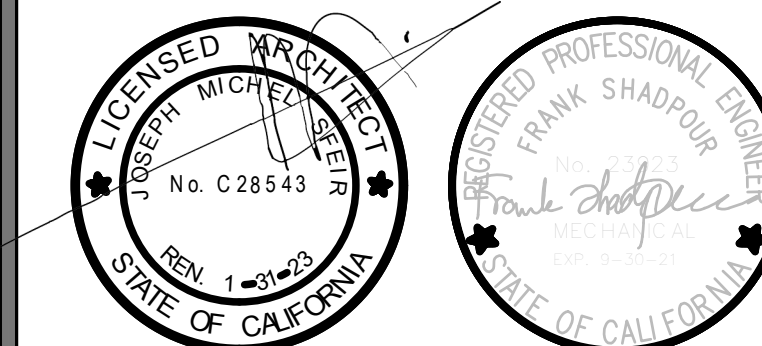
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OSHPD COMMENTS	8/9/2020
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OSHPD COMMENTS	11/24/2020
DESIGN CHANGES	11/24/2020
ACD 0001 DESIGN CHANGES	4/14/2021

REV	DESCRIPTION	DATE



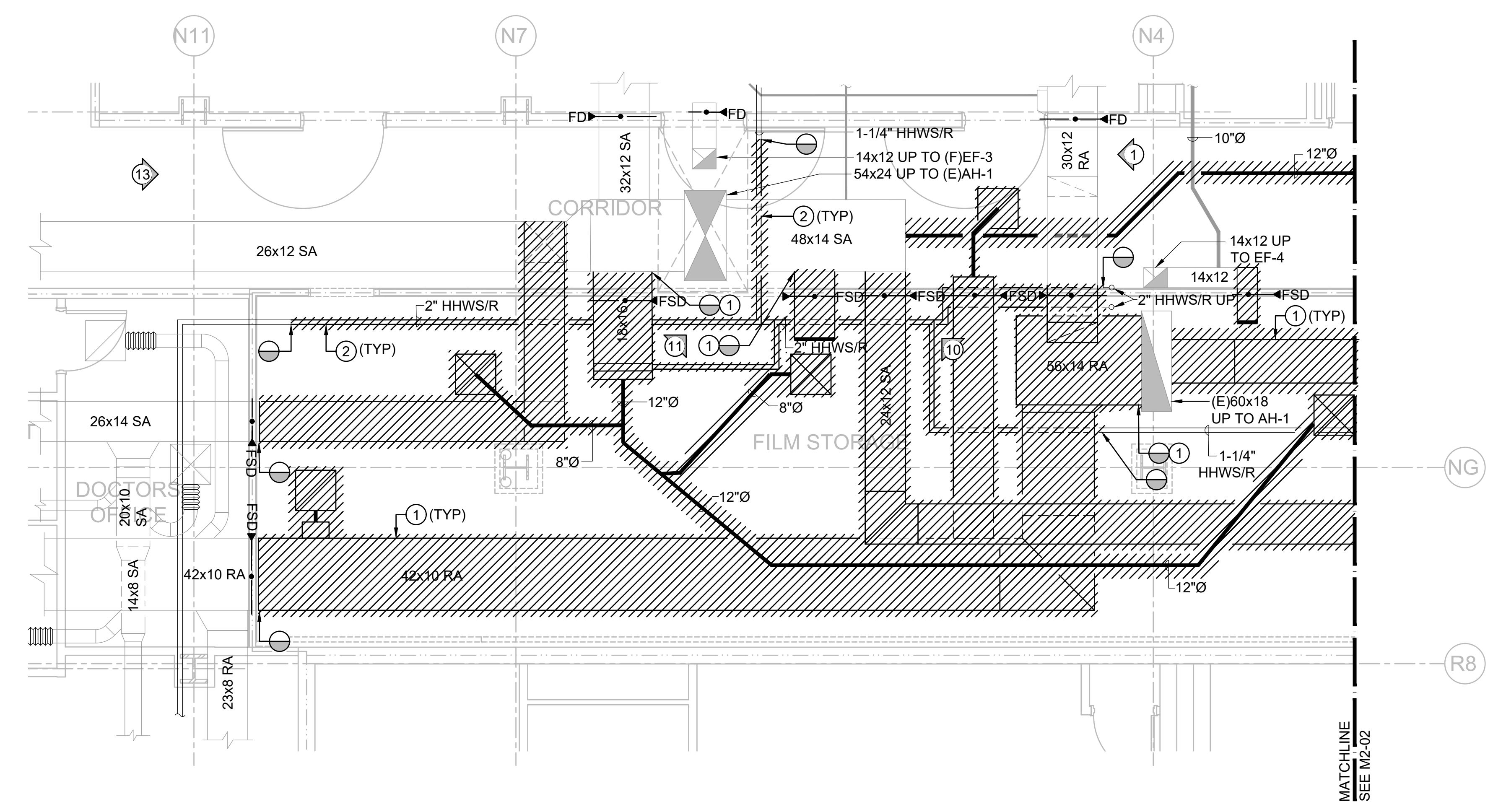
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OSHPD # S200813-37-00-ACD0001

GENERAL NOTES

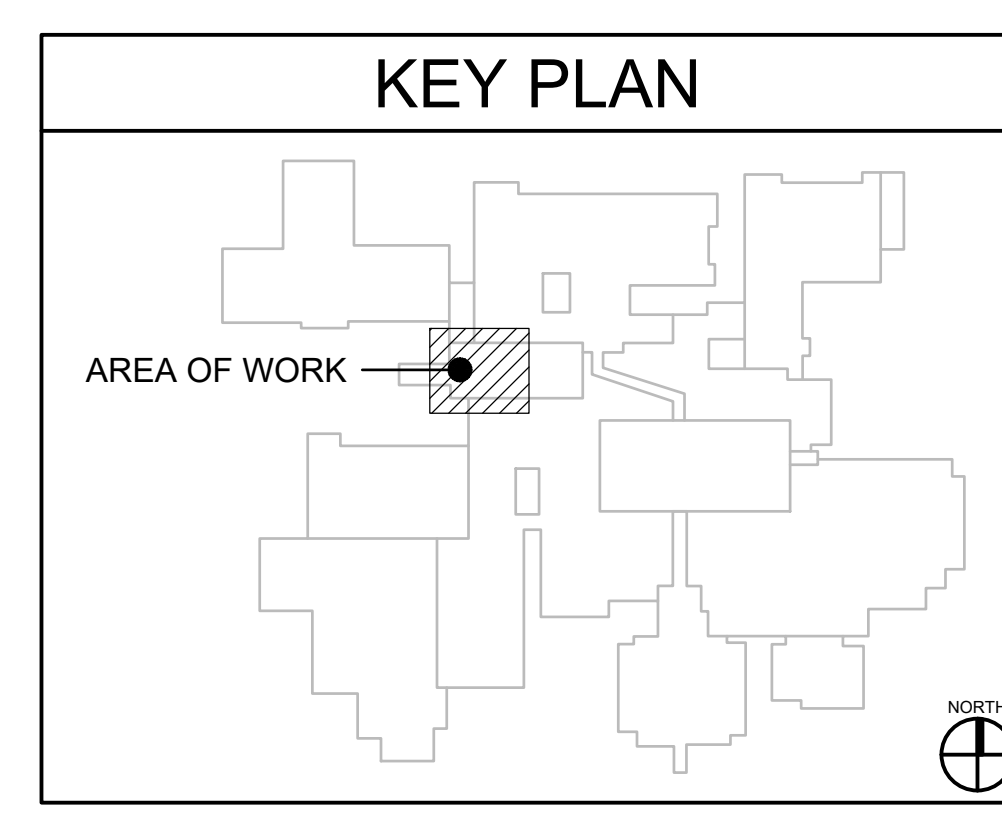
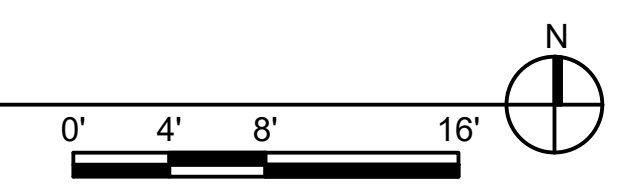
- EXISTING CONDITIONS ARE BASED UPON INFORMATION OBTAINED FROM AVAILABLE AS-BUILT DRAWINGS AND LIMITED NON-DESTRUCTIVE FIELD INVESTIGATIONS. PERFORM A FULL SITE SURVEY WITHIN 30 DAYS OF COMMENCEMENT OF WORK. SURVEY SHALL BE ALL INCLUSIVE OF ALL AREAS WITHIN THE SCOPE OF WORK AND BEYOND AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM. NOTIFY OWNER IF CONDITIONS THAT DIFFER FROM DESIGN ARE IDENTIFIED THAT WILL IMPACT THE PROJECT.
- CAP AND SEAL ALL OPEN DUCTWORK AND PIPING IMMEDIATELY DURING DEMOLITION WORK UNLESS OTHERWISE NOTED.
- REMOVE EXISTING ZONE TEMPERATURE SENSORS AS REQUIRED. REFER TO ZONING PLANS FOR REQUIREMENTS.

KEY NOTES

- DEMOLISH DUCTWORK IN ITS ENTIRETY AND ALL RELATED APPURTENANCES UP TO POD. CAP AND SEAL DUCT AIR TIGHT WITH MINIMUM 16 GAUGE GALVANIZED SHEET METAL IMMEDIATELY UPON COMPLETION OF DEMOLITION WORK.
- DEMOLISH HHWS/R PIPING IN ITS ENTIRETY AND ALL RELATED APPURTENANCES UP TO POD.



1 MECHANICAL DEMOLITION PLAN - AREA A
SCALE: 1/8" = 1'-0"



MECHANICAL DEMOLITION PLAN - AREA A

PROJECT TITLE: TCMC MRI

PROJECT #: 01907.01 SHEET NUMBER: M2-01

DRAWN BY: SC

CHECKED BY: JC

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

PER TITLE: M2-01

DATE: 3/11/2020

TCMC MRI

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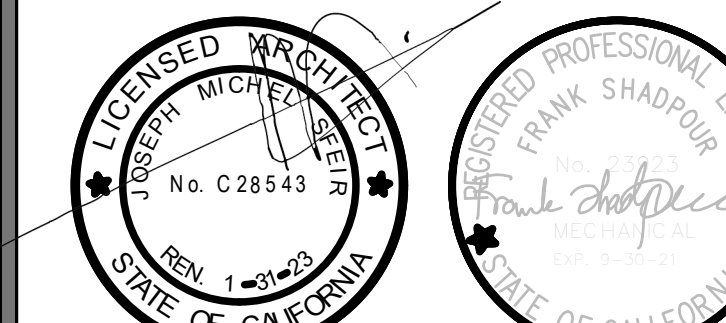
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MECHANICAL & PLUMBING: SC ENGINEERS, INC.
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INTERIORS: ISLEY DESIGN & PLANNING
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REV	DESCRIPTION	DATE
1	OSHPD COMMENTS	8/9/2020
2	DESIGN CHANGES	8/10/2020
3	OSHPD COMMENTS	10/2/2020
4	OSHPD COMMENTS	11/24/2020
5	DESIGN CHANGES	11/24/2020
6	ACD 0001 DESIGN CHANGES	4/14/2021

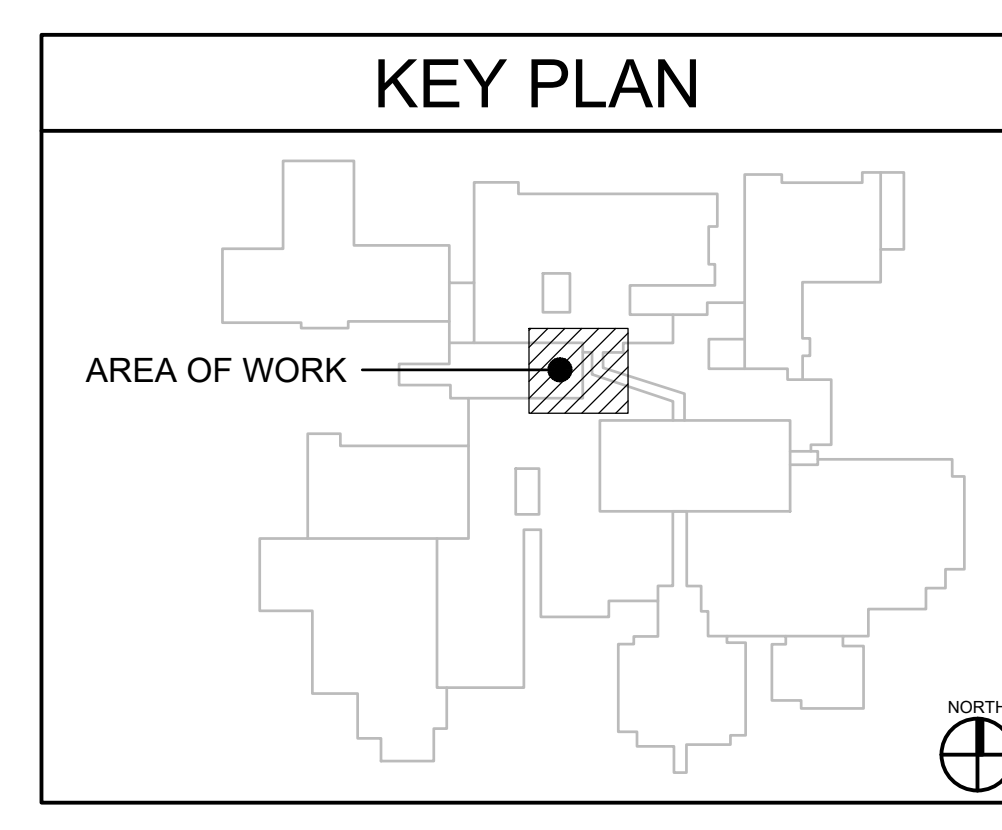
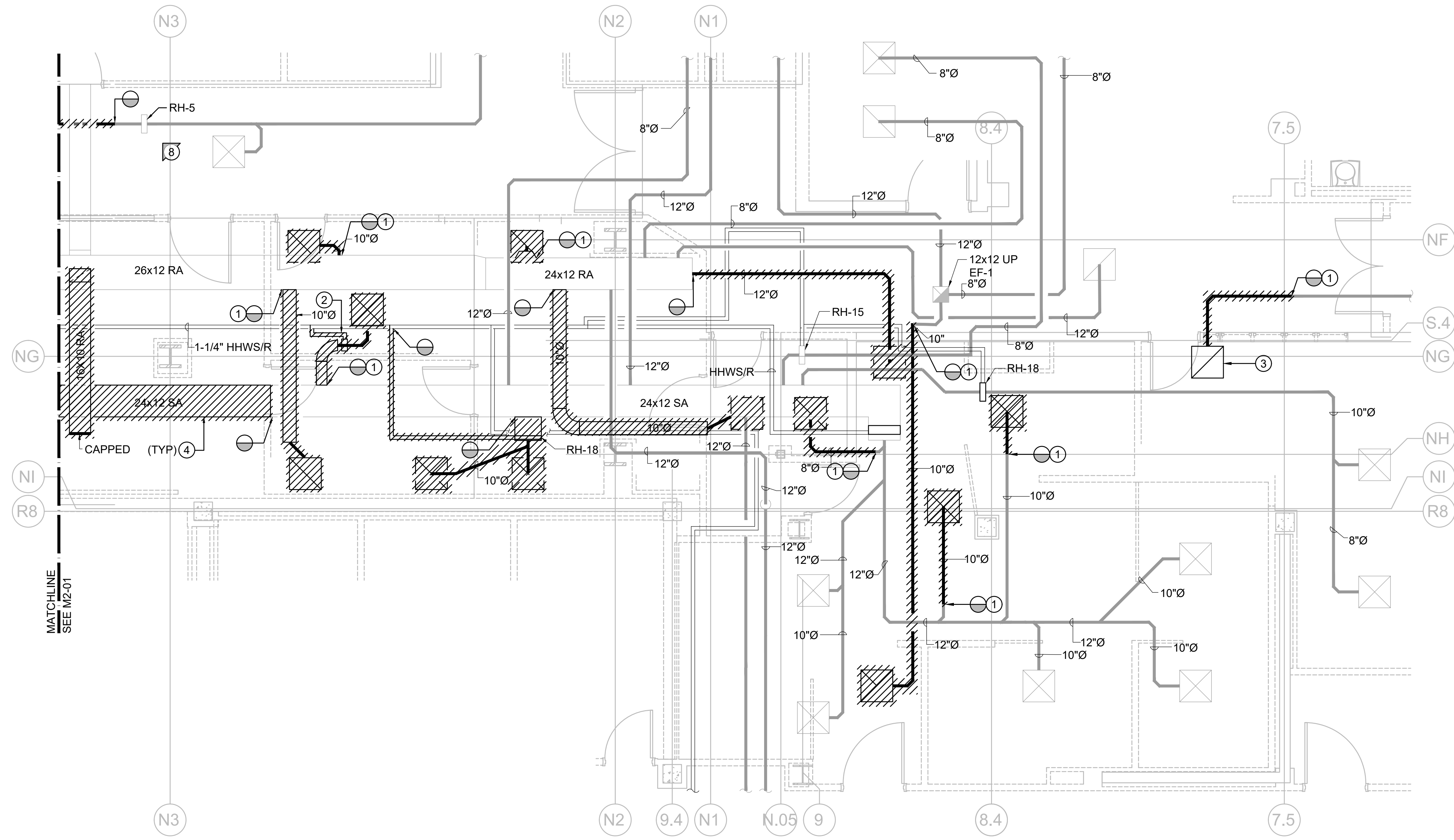
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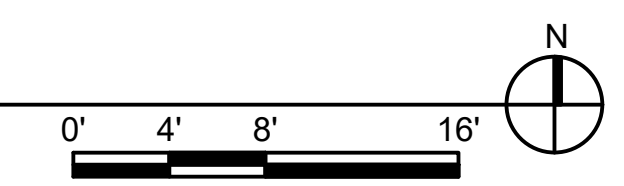
OSHPD APPROVAL STAMP:
OSHPD # S200813-37-00-ACD0001

- ### GENERAL NOTES
- EXISTING CONDITIONS ARE BASED UPON INFORMATION OBTAINED FROM AVAILABLE AS-BUILT DRAWINGS AND LIMITED NON-DESTRUCTIVE FIELD INVESTIGATIONS. PERFORM A FULL SITE SURVEY WITHIN 30 DAYS OF COMMENCEMENT OF WORK. SURVEY SHALL BE ALL INCLUSIVE OF ALL AREAS WITHIN THE SCOPE OF WORK AND BEYOND AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM. NOTIFY OWNER IF CONDITIONS THAT DIFFER FROM DESIGN ARE IDENTIFIED THAT WILL IMPACT THE PROJECT.
 - CAP AND SEAL ALL OPEN DUCTWORK AND PIPING IMMEDIATELY DURING DEMOLITION WORK UNLESS OTHERWISE NOTED.
 - REMOVE EXISTING ZONE TEMPERATURE SENSORS AS REQUIRED. REFER TO ZONING PLANS FOR REQUIREMENTS.

- ### KEY NOTES
- DEMOLISH DUCTWORK IN ITS ENTIRETY AND ALL RELATED APPURTENANCES UP TO POD. CAP AND SEAL DUCT AIR TIGHT WITH MINIMUM 16 GAUGE GALVANIZED SHEET METAL IMMEDIATELY UPON COMPLETION OF DEMOLITION WORK.
 - DEMOLISH HHWS/R PIPING IN ITS ENTIRETY AND ALL RELATED APPURTENANCES UP TO POD.
 - RELOCATE GRILLE. REFER TO SHEET M3-02 FOR LOCATION.
 - DEMOLISH DUCTWORK AND ALL RELATED APPURTENANCES UP TO POD.



1 MECHANICAL DEMOLITION PLAN - AREA A
SCALE: 1/8" = 1'-0"



SHEET TITLE:
MECHANICAL DEMOLITION PLAN - AREA B

PROJECT TITLE:
TCMC MRI

PROJECT #:
01907.01

DRAWN BY:
SC

CHECKED BY:
JC

SCALE:
PER TITLE

DATE:
3/11/2020

M2-02

TCMC MRI

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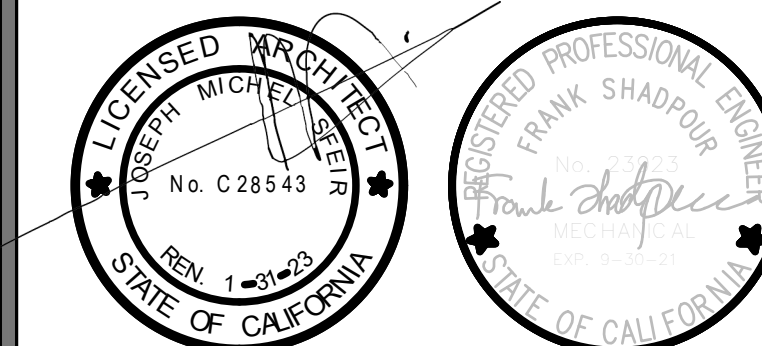
STRUCTURAL: MIYAMOTO INTERNATIONAL, INC.
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MECHANICAL & PLUMBING: SC ENGINEERS, INC.
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ELECTRICAL: AG DESIGN, INC.
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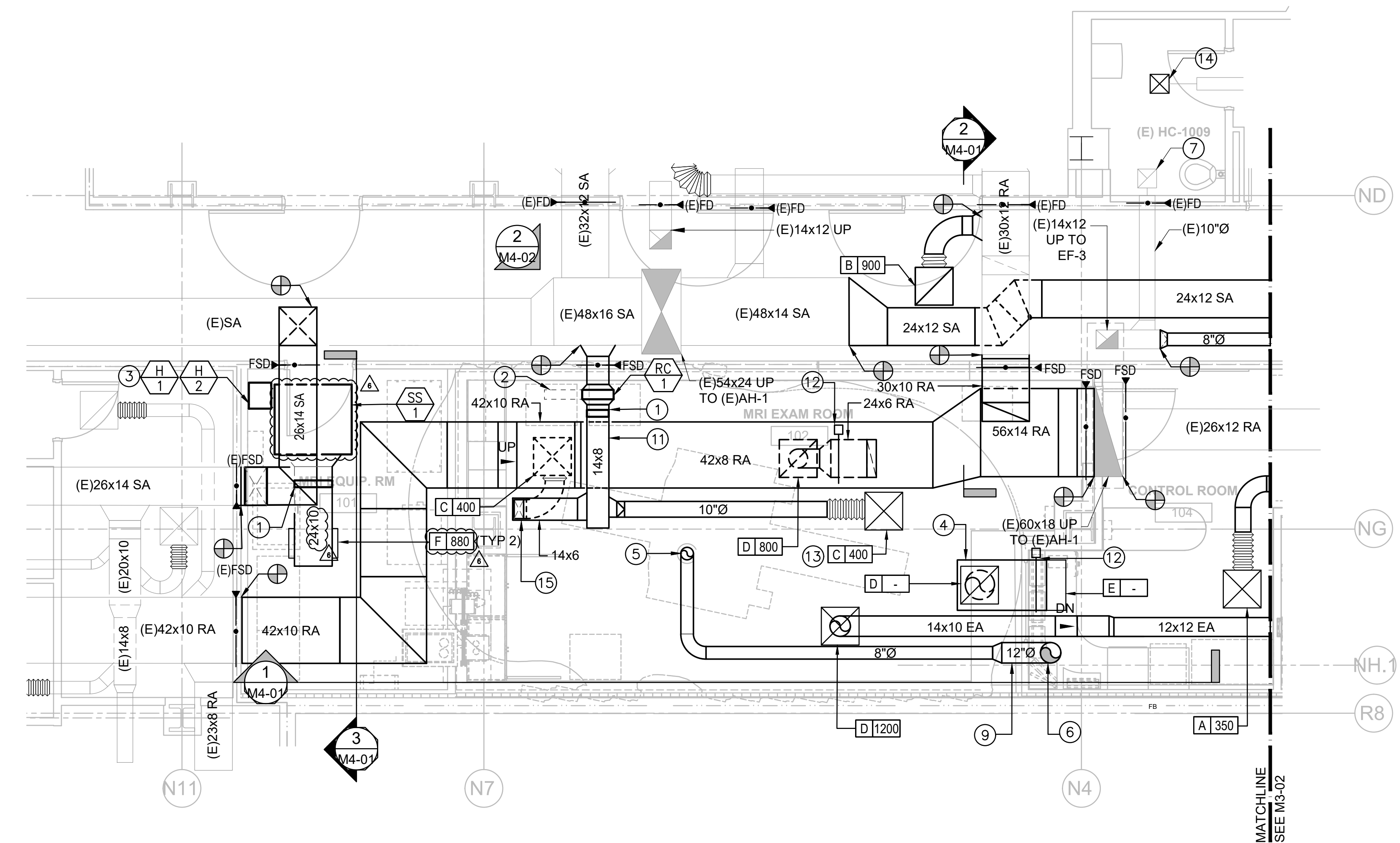
SHIELDING: MRI SHIELDING CORPORATION
3554 BUSINESS PARK DR., SUITE B
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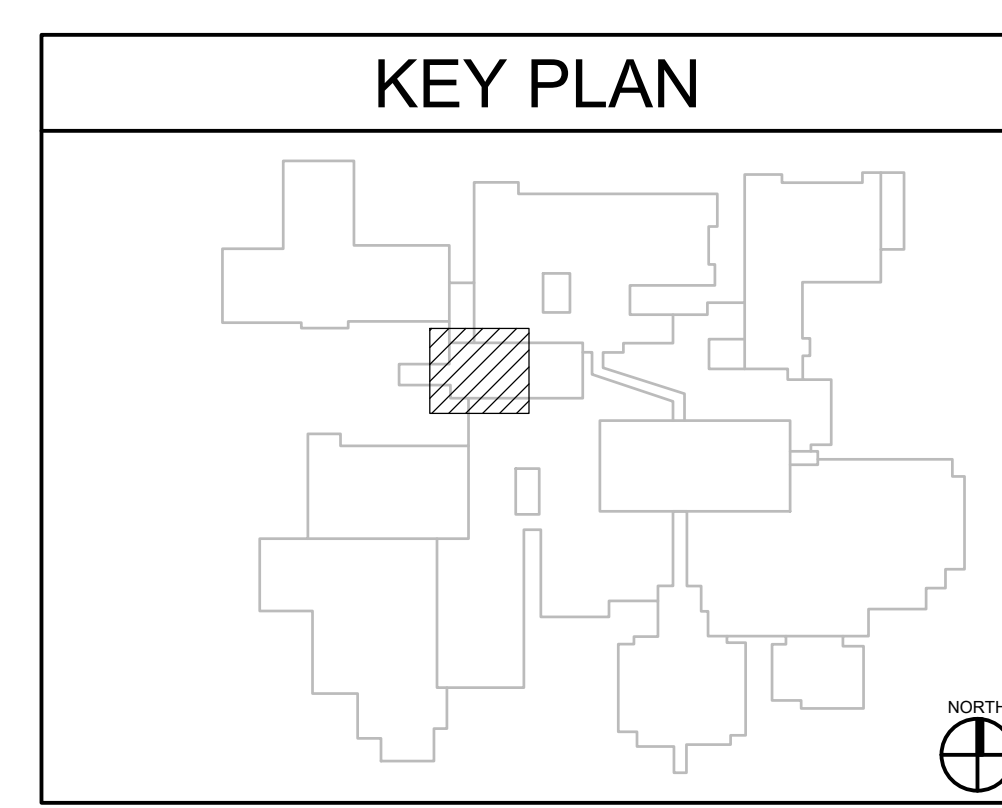


- ### GENERAL NOTES
- EXISTING CONDITIONS SHOWN ARE BASED ON AVAILABLE AS-BUILT DRAWINGS AND LIMITED NON-DESTRUCTIVE SITE SURVEYS. VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION ACTIVITIES AND NOTIFY THE OWNER OF ANY CONDITIONS THAT DIFFER.
 - UTILITY SERVICES TO THE BUILDING SHALL NOT BE INTERRUPTED UNLESS APPROVED BY THE OWNER. PROVIDE MINIMUM 2 WEEK NOTIFICATION IN ADVANCE OF UTILITY OUTAGES.
 - ALL MATERIALS INSTALLED IN MRI SCAN ROOM SHALL BE NON-MAGNETIC AND NON FERROUS.

- ### KEY NOTES
- HUMIDIFIER DISPERSION GRID. PROVIDE HUMIDIFIER MFG RECOMMENDED STRAIGHT DUCT LENGTH DOWNSTREAM OF DISPERSION GRID.
 - PROVIDE MINIMUM 24" SERVICE CLEARANCE FROM REHEAT COIL. PROVIDE ACCESS PANEL. IN CEILING/SHIELD.
 - H-2 LOCATED ABOVE H-1. SEE 3/M401 FOR DETAIL. PROVIDE MINIMUM 36" FRONT CLEARANCE FOR HUMIDIFIERS.
 - 32x18 PRESSURE EQUALIZING VENT.
 - 8"Ø QUENCH VENT DN TO MRI EQUIPMENT.
 - 12"Ø QUENCH VENT UP.
 - BALANCE TO 190 CFM.
 - GALVANIZED STEEL DUCTWORK TO BE LOCATED ABOVE THE SHIELDING. PROVIDE WAVEGUIDE AND NON-FERROUS DUCTWORK TO DIFFUSERS AND GRILLES.
 - QUENCH VENT. PROVIDE MATERIAL, WALL THICKNESS, AND INSULATION PER MFG REQUIREMENTS. PROVIDE 2 HOUR FIRE WRAP.
 - BALANCE TO PRE-DEMOLITION READING.
 - PROVIDE STAINLESS STEEL DUCTWORK ABOVE SHIELDING FOR DUCT PLENUM DOWNSTREAM OF HUMIDIFIER. PROVIDE WAVEGUIDE AND NON-FERROUS DUCTWORK TO DIFFUSERS.
 - PROVIDE MOTORIZED DAMPER. INTERLOCK WITH EMERGENCY EXHAUST FAN (EF-2).
 - 20"Ø NECK SIZE.
 - BALANCE TO 150 CFM.
 - 12"x6" DOWN THROUGH MRI SHIELDING.



1 MECHANICAL PLAN - AREA A
SCALE: 1/4" = 1'-0"



REV	DESCRIPTION	DATE
△	OSHPD COMMENTS	8/9/2020
△	DESIGN CHANGES	8/10/2020
△	OSHPD COMMENTS	10/2/2020
△	OSHPD COMMENTS	11/24/2020
△	DESIGN CHANGES	11/24/2020
△	ACD 0001 DESIGN CHANGES	4/14/2021

REV	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:
OSHPD # S200813-37-00-ACD0001

PROJECT TITLE: TCMC MRI

PROJECT # 01907.01 SHEET NUMBER: M3-01

DRAWN BY: SC

CHECKED BY: JC

SCALE: PER TITLE

DATE: 3/11/2020

TCMC MRI

Tri-City Medical Center

4002 VISTA WAY
OCEANSIDE CA, 92056

OWNER: TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056
TEL(760)940-7709

ARCHITECT: SFEIR ARCHITECTS
5151 SHOREHAM PL SUITE 265
SAN DIEGO, CALIFORNIA 92122
TEL(619)299-3917

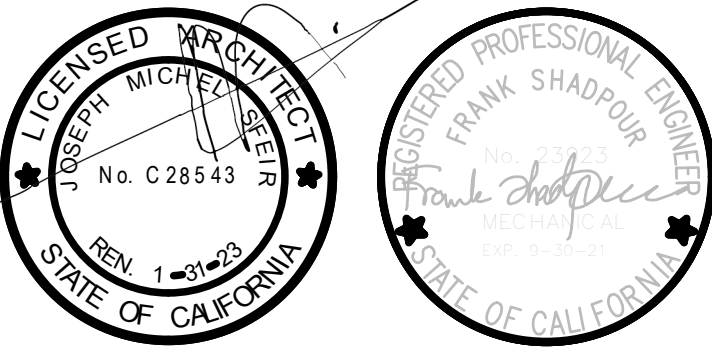
STRUCTURAL: MIYAMOTO INTERNATIONAL, INC.
5550 BALTIMORE DRIVE, SUITE 100
LA MESA, CALIFORNIA 91942
TEL(858)457-3001

MECHANICAL & PLUMBING: SC ENGINEERS, INC.
17075 VIA DEL CAMPO
SAN DIEGO, CALIFORNIA 92127
TEL(659)946-0333

ELECTRICAL: AG DESIGN, INC.
171 S. ANITA DR. SUITE 111
ORANGE, CALIFORNIA 92668
TEL(714)769-9500

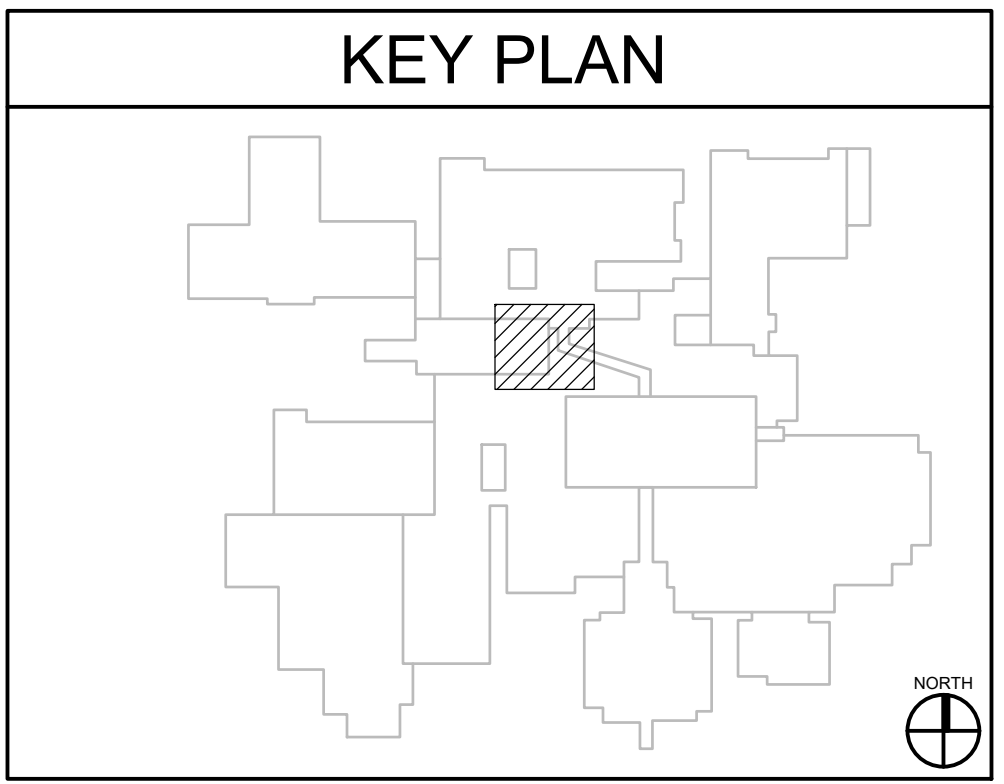
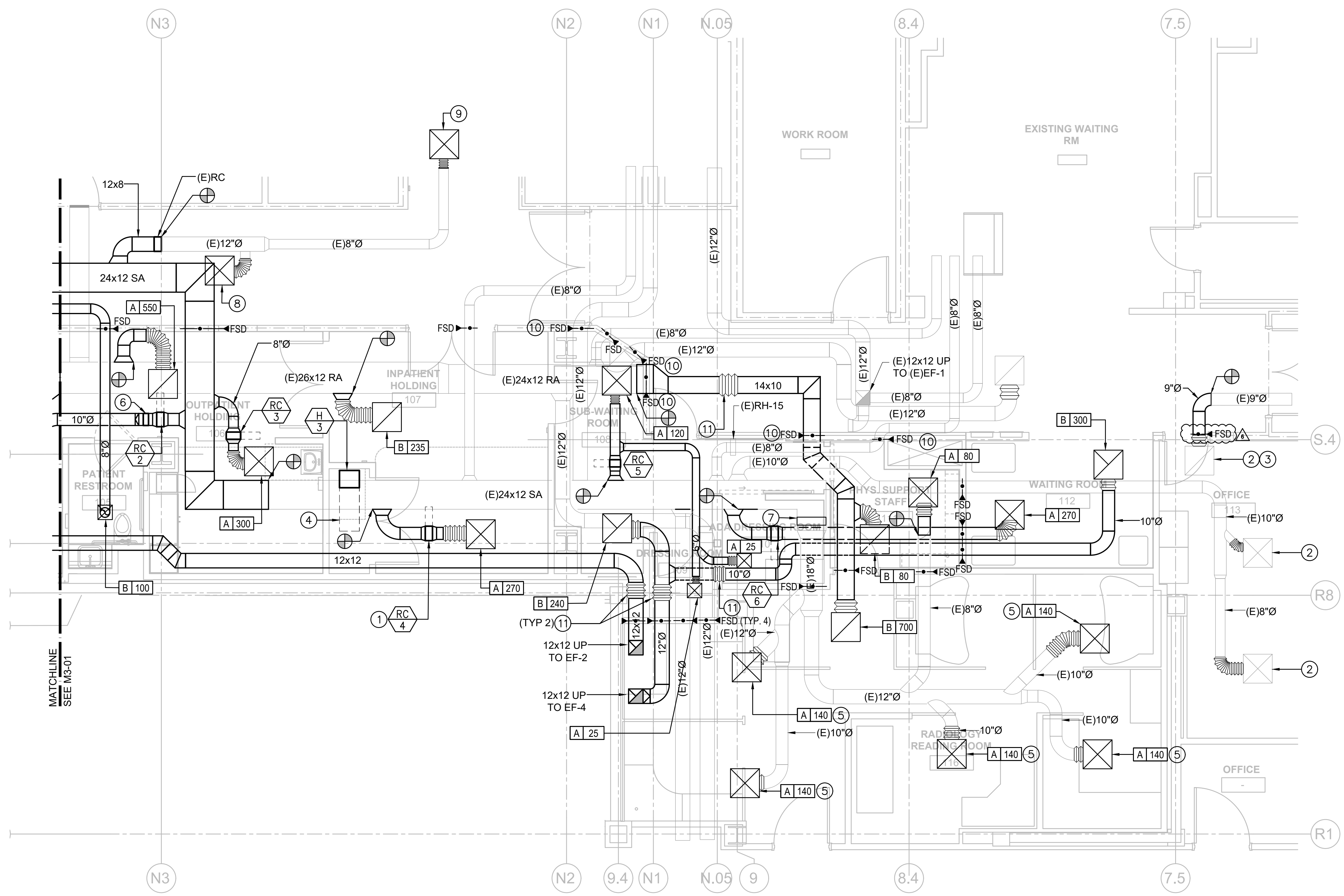
SHIELDING: MRI SHIELDING CORPORATION
3554 BUSINESS PARK DR., SUITE B
COSTA MESA, CA 92626
TEL(714)545-7700

INTERIORS: ISLEY DESIGN & PLANNING
1982 PALSERO AVENUE
ESCONDIDO, CA 92029
TEL(760)484-0455



- ### GENERAL NOTES
- EXISTING CONDITIONS SHOWN ARE BASED ON AVAILABLE AS-BUILT DRAWINGS AND LIMITED NON-DESTRUCTIVE SITE SURVEYS. VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION ACTIVITIES AND NOTIFY THE OWNER OF ANY CONDITIONS THAT DIFFER.
 - UTILITY SERVICES TO THE BUILDING SHALL NOT BE INTERRUPTED UNLESS APPROVED BY THE OWNER. PROVIDE MINIMUM 2 WEEK NOTIFICATION IN ADVANCE OF UTILITY OUTAGES.

- ### KEY NOTES
- PROVIDE MINIMUM 24" SERVICE CLEARANCE FROM REHEAT COIL. (TYP)
 - BALANCE TO PRE-DEMOLITION READINGS.
 - RELOCATED GRILLE.
 - PROVIDE MINIMUM 36" FRONT CLEARANCE FOR HUMIDIFIER.
 - PROVIDE GRILLE. BALANCE AS INDICATED.
 - HUMIDIFIER DISPERSION GRID, PROVIDE HUMIDIFIER MFG RECOMMENDED STRAIGHT DUCT LENGTH DOWNSTREAM OF DISPERSION GRID.
 - EXISTING REHEAT COIL.
 - BALANCE TO 375 CFM
 - BALANCE TO 200 CFM
 - DEMOLISH AND INSTALL DUCTWORK AS REQUIRED TO ACCOMMODATE FIRE/SMOKE DAMPER INSTALLATION. TYPICAL ALL FIRE/SMOKE DAMPERS SHOWN IN EXISTING DUCTWORK.
 - PROVIDE FLEXIBLE EXPANSION JOINT. SEE 3/M5-02 FOR DETAIL.



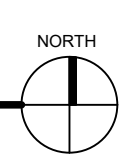
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1	OSHPD COMMENTS	8/9/2020
2	DESIGN CHANGES	8/10/2020
3	OSHPD COMMENTS	10/2/2020
4	OSHPD COMMENTS	11/24/2020
5	DESIGN CHANGES	11/24/2020
6	ACD 0001 DESIGN CHANGES	4/14/2021

REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:
OSHPD # S200813-37-00-ACD0001



1 MECHANICAL PLAN - AREA B
1/4" = 1'-0"



PROJECT TITLE: TCMC MRI
PROJECT #: 01907.01
DRAWN BY: JC
CHECKED BY: JC
SCALE: PER TITLE
DATE: 3/11/2020

M3-02

TCMC MRI

Tri-City Medical
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4002 VISTA WAY
OCEANSIDE CA, 92056

OWNER: TRI-CITY MEDICAL CENTER
4002 VISTA WAY
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TEL(760)940-7709

ARCHITECT: SFEIR ARCHITECTS
5151 SHOREHAM PL, SUITE 265
SAN DIEGO, CALIFORNIA 92122
TEL(619)299-3917

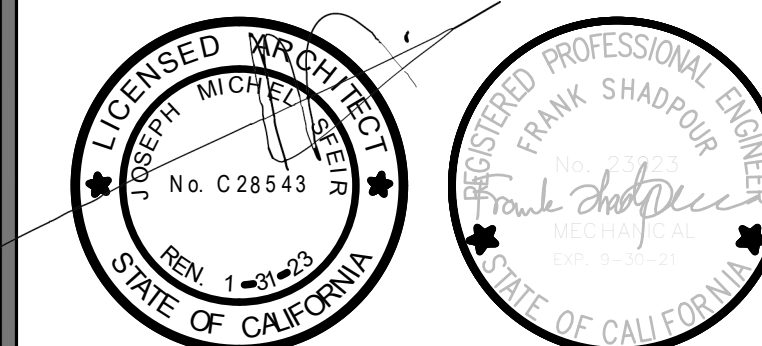
STRUCTURAL: MIYAMOTO INTERNATIONAL, INC.
5550 BALTIMORE DRIVE, SUITE 100
LA MESA, CALIFORNIA 91942
TEL(858)457-3001

MECHANICAL & PLUMBING: SC ENGINEERS, INC.
17075 VIA DEL CAMPO
SAN DIEGO, CALIFORNIA 92127
TEL(659)946-0333

ELECTRICAL: AG DESIGN, INC.
171 S. ANITA DR. SUITE 111
ORANGE, CALIFORNIA 92668
TEL(714)769-9500

SHIELDING: MRI SHIELDING CORPORATION
3554 BUSINESS PARK DR., SUITE B
COSTA MESA, CA 92626
TEL(714)545-7700

INTERIORS: ISLEY DESIGN & PLANNING
1982 PALSERO AVENUE
ESCONDIDO, CA 92029
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OSHPD COMMENTS	8/3/2020
DESIGN CHANGES	8/10/2020
OSHPD COMMENTS	10/2/2020
OSHPD COMMENTS	11/24/2020
DESIGN CHANGES	11/24/2020
ACD 0001 DESIGN CHANGES	4/14/2021

REV.	DESCRIPTION	DATE

CONSULTANT



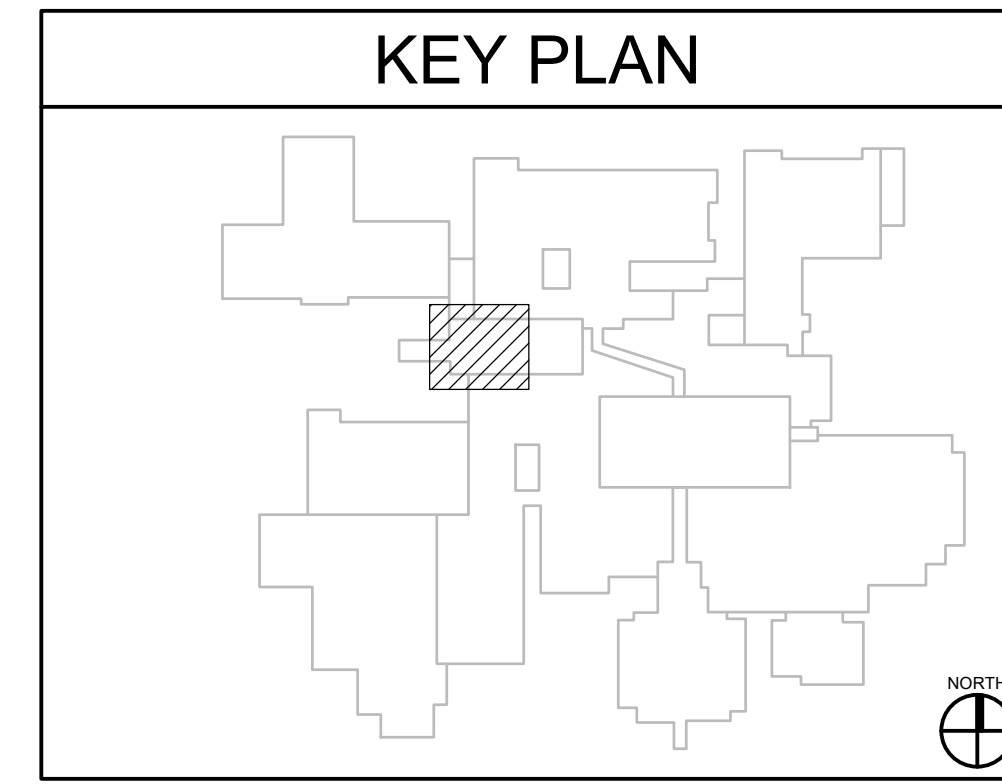
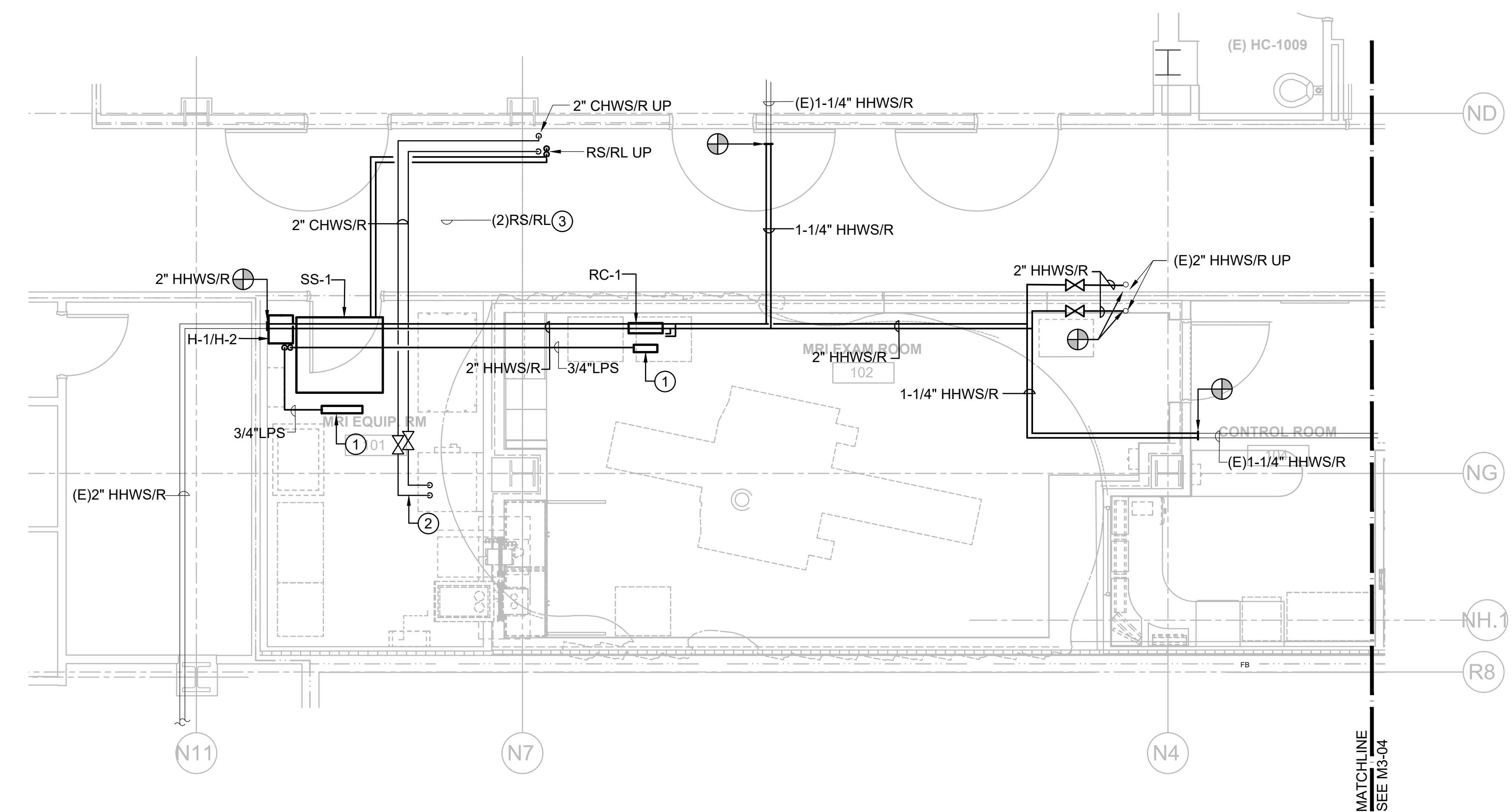
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OSHPD # S200813-37-00-ACD0001

GENERAL NOTES

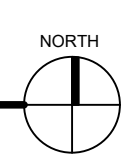
- EXISTING CONDITIONS SHOWN ARE BASED ON AVAILABLE AS-BUILT DRAWINGS AND LIMITED NON-DESTRUCTIVE SITE SURVEYS. VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION ACTIVITIES AND NOTIFY THE OWNER OF ANY CONDITIONS THAT DIFFER.
- UTILITY SERVICES TO THE BUILDING SHALL NOT BE INTERRUPTED UNLESS APPROVED BY THE OWNER. PROVIDE MINIMUM 2 WEEK NOTIFICATION IN ADVANCE OF UTILITY OUTAGES.

KEY NOTES

- HUMIDIFIER DISPERSION GRID
- 2" CHWS/R DOWN TO HEAT EXCHANGER CABINET
- PROVIDE REFRIGERANT LEAK CONTAINMENT PIPING OVER CORRIDOR



1 MECHANICAL PIPING PLAN - AREA A
1/4" = 1'-0"



PROJECT TITLE: TCMC MRI
PROJECT #: 01907.01
DRAWN BY: SC
CHECKED BY: JC
SCALE: M3-03
PER TITLE
DATE: 3/11/2020

TCMC MRI

Tri-City Medical Center
4002 VISTA WAY
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OWNER: TRI-CITY MEDICAL CENTER
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TEL(760)940-7709

ARCHITECT: SFEIR ARCHITECTS
5151 SHOREHAM PL SUITE 265
SAN DIEGO, CALIFORNIA 92122
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STRUCTURAL: MIYAMOTO INTERNATIONAL, INC.
5550 BALTIMORE DRIVE, SUITE 100
LA MESA, CALIFORNIA 91942
TEL(858)457-3001

MECHANICAL & PLUMBING: SC ENGINEERS, INC.
17075 VIA DEL CAMPO
SAN DIEGO, CALIFORNIA 92127
TEL(659)945-0333

ELECTRICAL: AG DESIGN, INC.
171 S ANITA DR. SUITE 111
ORANGE, CALIFORNIA 92668
TEL(714)769-9500

SHIELDING: MRI SHIELDING CORPORATION
3554 BUSINESS PARK DR., SUITE B
COSTA MESA, CA 92626
TEL(714)545-7700

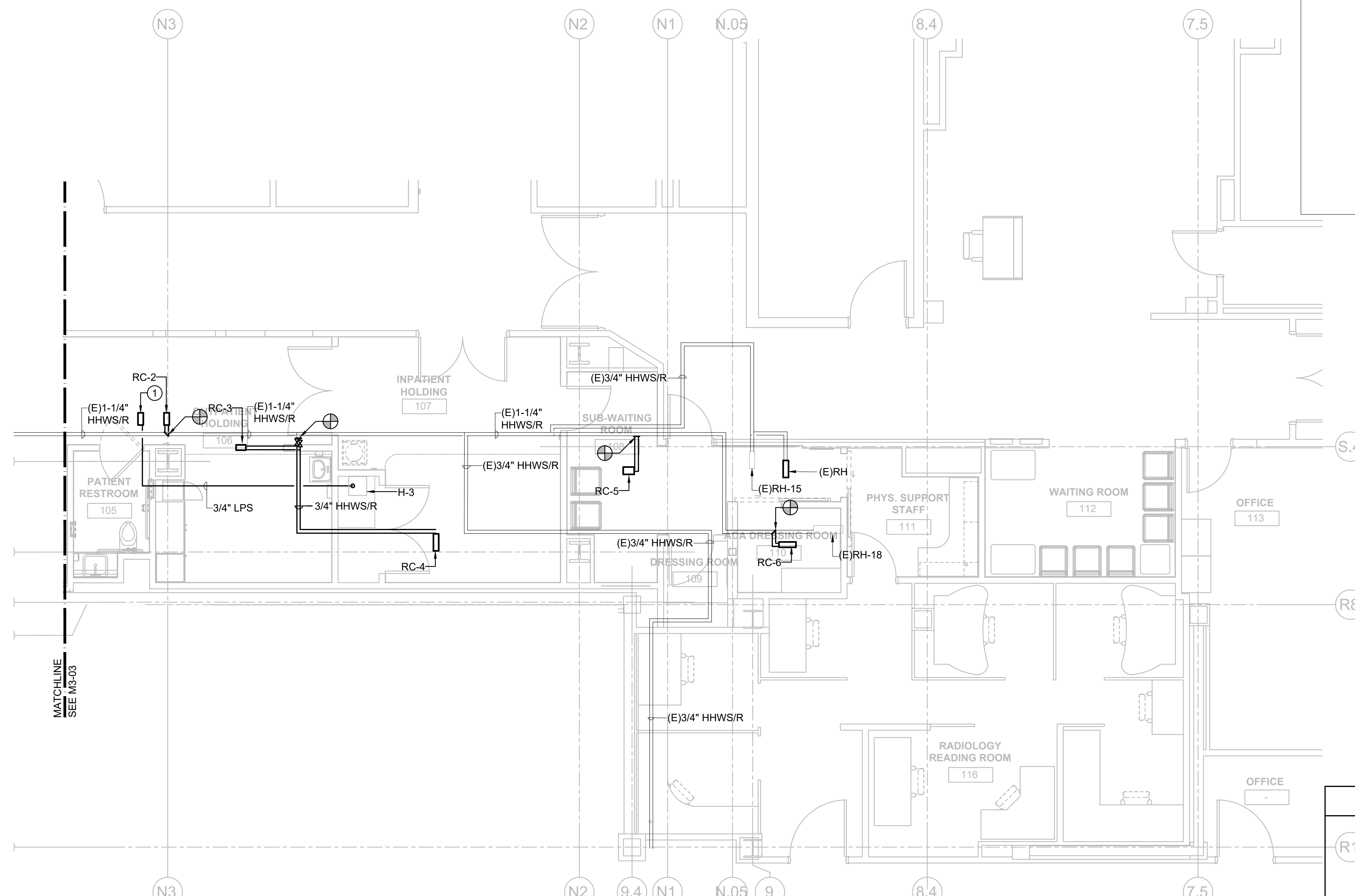
INTERIORS: ISLEY DESIGN & PLANNING
1982 PALSERO AVENUE
ESCONDIDO, CA 92029
TEL(760)484-0455

GENERAL NOTES

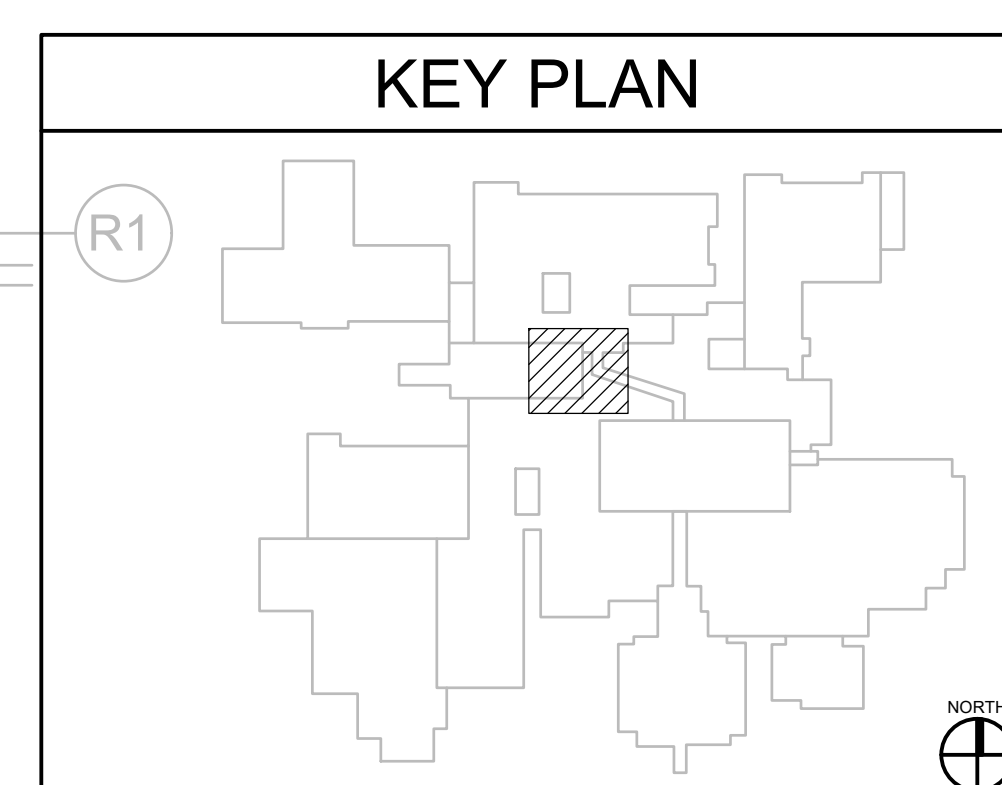
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KEY NOTES

- HUMIDIFIER DISPERSION GRID



1 MECHANICAL PIPING PLAN - AREA B
1/4" = 1'-0"



REV	DESCRIPTION	DATE
1	OSHPD COMMENTS	8/3/2020
2	DESIGN CHANGES	8/10/2020
3	OSHPD COMMENTS	10/2/2020
4	OSHPD COMMENTS	11/24/2020
5	DESIGN CHANGES	11/24/2020
6	ACD 0001 DESIGN CHANGES	4/14/2021

REV	DESCRIPTION	DATE

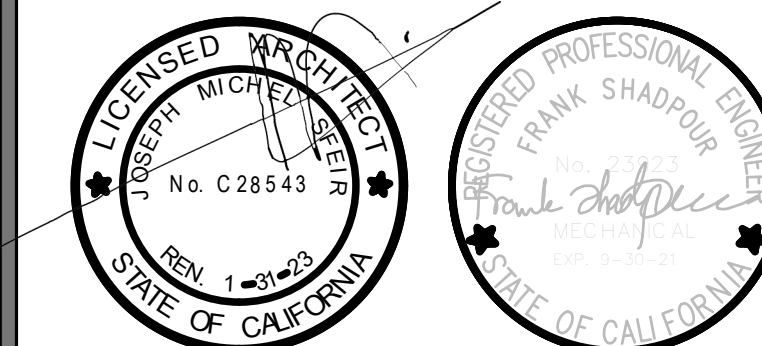
CONSULTANT
SC Shadpour Consulting Engineers, Inc.

OSHPD APPROVAL STAMP:
OSHPD # S200813-37-00-ACD0001

SHEET TITLE
MECHANICAL PIPING PLAN - AREA B

PROJECT TITLE
TCMC MRI

PROJECT # 01907.01 SHEET NUMBER
DRAWN BY: SC
CHECKED BY: JC
SCALE: M3-04
PER TITLE
DATE: 3/11/2020



TCMC MRI

Tri-City Medical
Center

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OCEANSIDE CA, 92056

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4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056
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ARCHITECT: SFEIR ARCHITECTS
5151 SHOREHAM PL SUITE 265
SAN DIEGO, CALIFORNIA 92122
TEL(619)299-3917

STRUCTURAL: MIYAMOTO INTERNATIONAL, INC.
5550 BALTIMORE DRIVE, SUITE 100
LA MESA, CALIFORNIA 91942
TEL(858)457-3001

MECHANICAL & PLUMBING: SC ENGINEERS, INC.
17075 VIA DEL CAMPO
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TEL(659)945-0333

ELECTRICAL: AG DESIGN, INC.
171 S ANITA DR. SUITE 111
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TEL(714)769-9500

SHIELDING: MRI SHIELDING CORPORATION
3554 BUSINESS PARK DR., SUITE B
COSTA MESA, CA 92626
TEL(714)545-7700

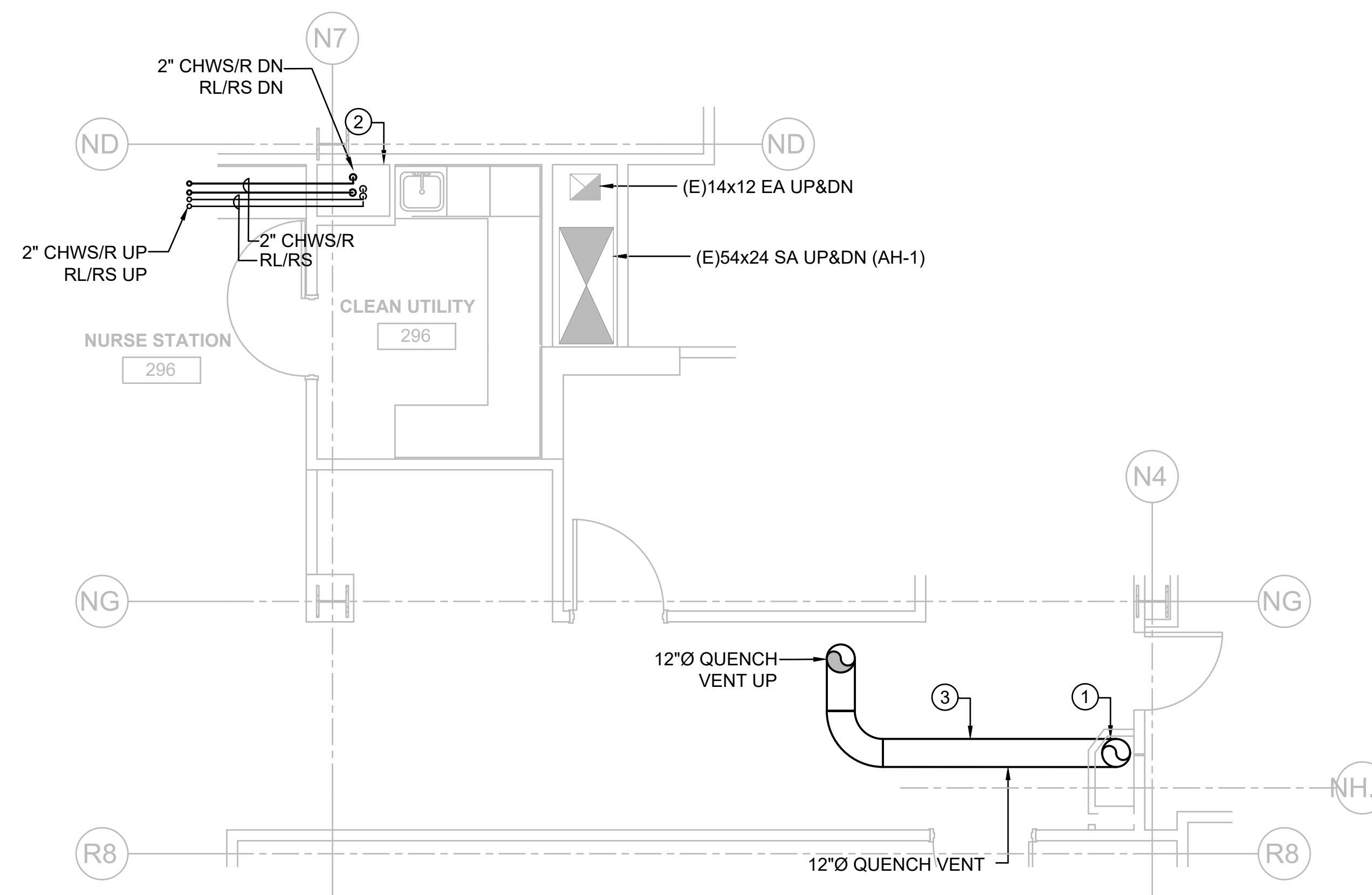
INTERIORS: ISLEY DESIGN & PLANNING
1982 PALSERO AVENUE
ESCONDIDO, CA 92029
TEL(760)484-0455

GENERAL NOTES

- EXISTING CONDITIONS SHOWN ARE BASED ON AVAILABLE AS-BUILT DRAWINGS AND LIMITED NON-DESTRUCTIVE SITE SURVEYS. VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION ACTIVITIES AND NOTIFY THE OWNER OF ANY CONDITIONS THAT DIFFER.
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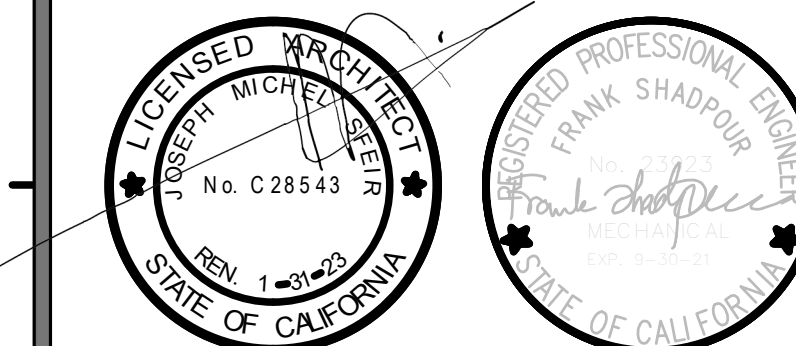
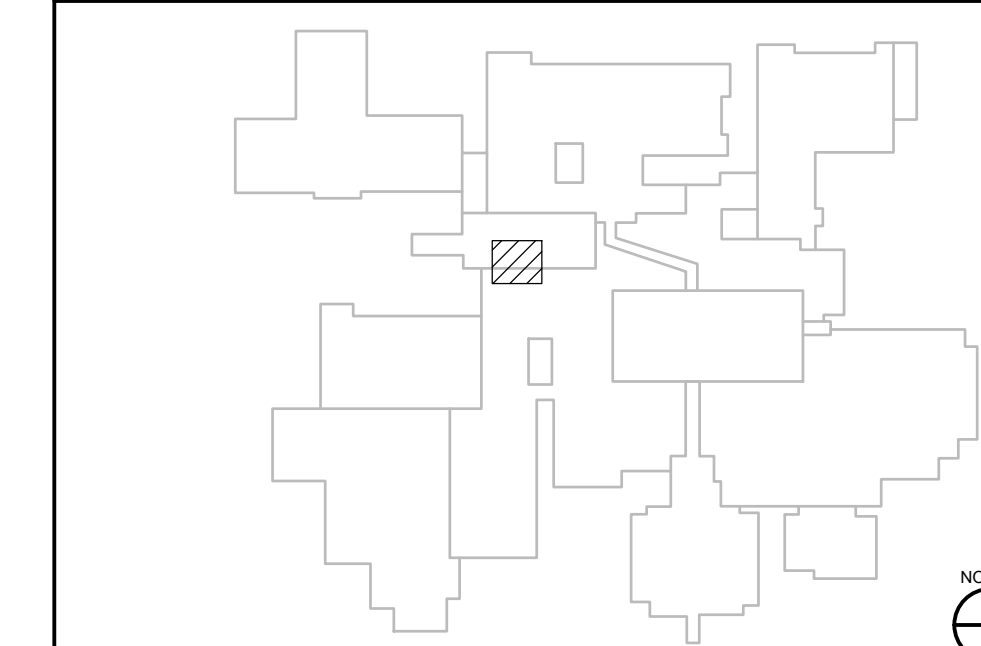
KEY NOTES

- 12" QUENCH VENT DOWN.
- MAINTAIN SPACE FOR FUTURE MRI ROOM PIPING.
- PROVIDE 2 HOUR FIRE WRAP



1 MECHANICAL 2ND FLOOR PLAN
1/4" = 1'-0"

KEY PLAN



REV	DESCRIPTION	DATE
△	OSHPD COMMENTS	8/3/2020
△	DESIGN CHANGES	8/10/2020
△	OSHPD COMMENTS	10/2/2020
△	OSHPD COMMENTS	11/24/2020
△	DESIGN CHANGES	11/24/2020
△	ACD 0001 DESIGN CHANGES	4/14/2021

REV	DESCRIPTION	DATE



OSHPD APPROVAL STAMP:
OSHPD # S200813-37-00-ACD0001

SHEET TITLE:
MECHANICAL 2ND FLOOR PLAN

PROJECT TITLE:
TCMC MRI

PROJECT #:
01907.01

DRAWN BY:
SC

CHECKED BY:
JC

SCALE:
PER TITLE

DATE:
3/11/2020

M3-05

TCMC MRI

Tri-City Medical
Center

4002 VISTA WAY
OCEANSIDE CA, 92056

OWNER: TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056
TEL(760)940-7709

ARCHITECT: SFEIR ARCHITECTS
5151 SHOREHAM PL SUITE 265
SAN DIEGO, CALIFORNIA 92122
TEL(619)299-3917

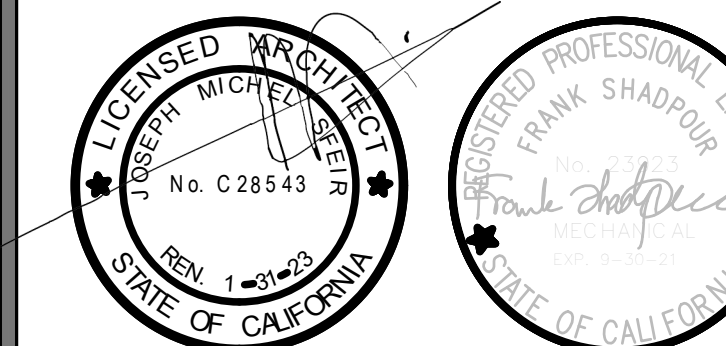
STRUCTURAL: MIYAMOTO INTERNATIONAL, INC.
5550 BALTIMORE DRIVE, SUITE 100
LA MESA, CALIFORNIA 91942
TEL(858)457-3001

MECHANICAL & PLUMBING: SC ENGINEERS, INC.
17075 VIA DEL CAMPO
SAN DIEGO, CALIFORNIA 92127
TEL(659)945-0333

ELECTRICAL: AG DESIGN, INC.
171 S. ANITA DR. SUITE 111
ORANGE, CALIFORNIA 92668
TEL(714)769-9500

SHIELDING: MRI SHIELDING CORPORATION
3554 BUSINESS PARK DR., SUITE B
COSTA MESA, CA 92626
TEL(714)545-7700

INTERIORS: ISLEY DESIGN & PLANNING
1882 PALSERO AVENUE
ESCONDIDO, CA 92029
TEL(760)484-0455



REV	DESCRIPTION	DATE
△	OSHPD COMMENTS	8/3/2020
△	DESIGN CHANGES	8/10/2020
△	OSHPD COMMENTS	10/2/2020
△	OSHPD COMMENTS	11/24/2020
△	DESIGN CHANGES	11/24/2020
△	ACD 0001 DESIGN CHANGES	4/14/2021

REV	DESCRIPTION	DATE



OSHPD APPROVAL STAMP:
OSHPD # S200813-37-00-ACD0001

SHEET TITLE:
MECHANICAL ROOF PLAN

PROJECT TITLE:
TCMC MRI

PROJECT #: 01907.01 SHEET NUMBER:
DRAWN BY: SC
CHECKED BY: JC
SCALE:
PER TITLE:
DATE: 3/11/2020

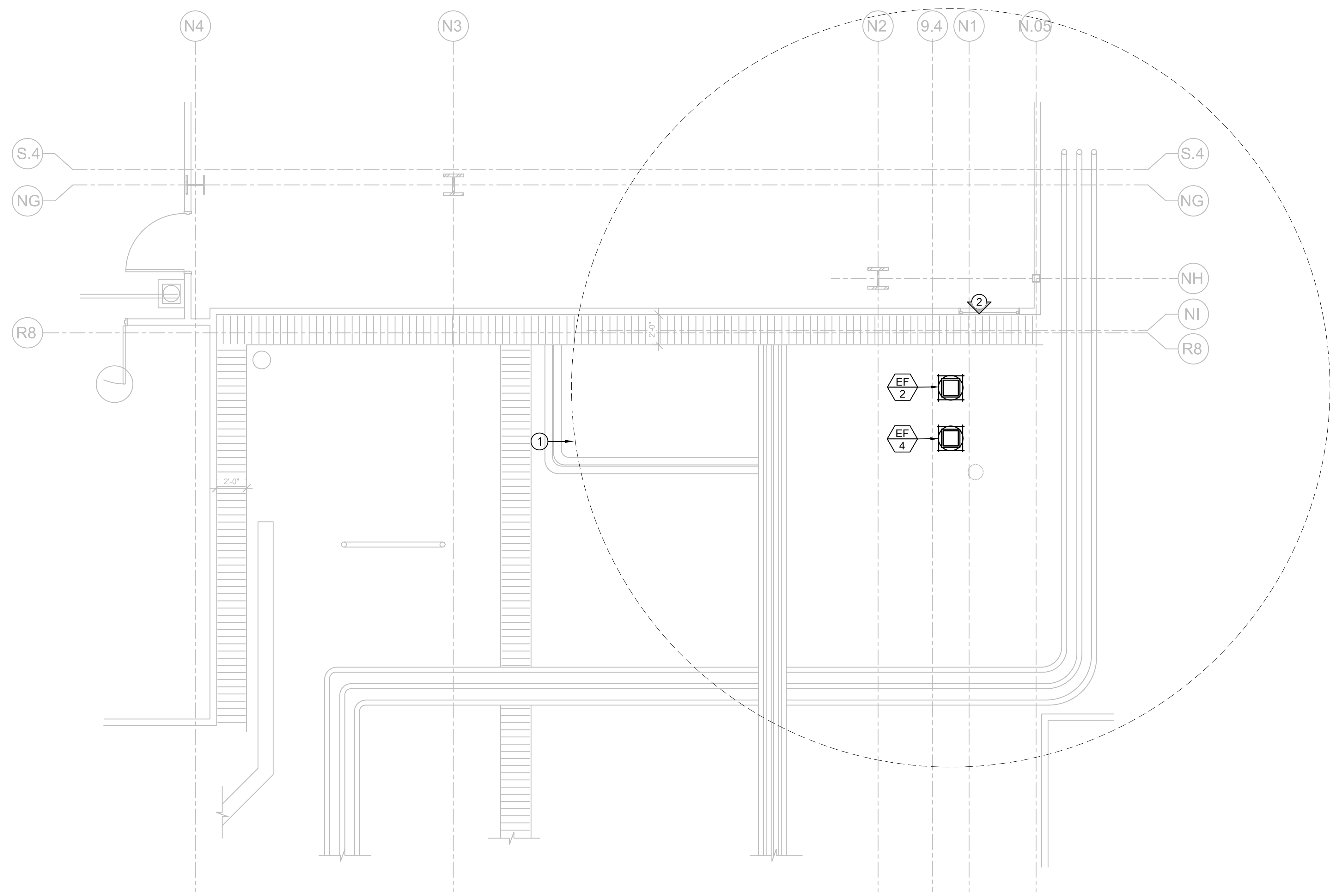
M3-06

GENERAL NOTES

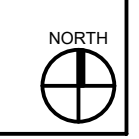
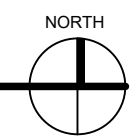
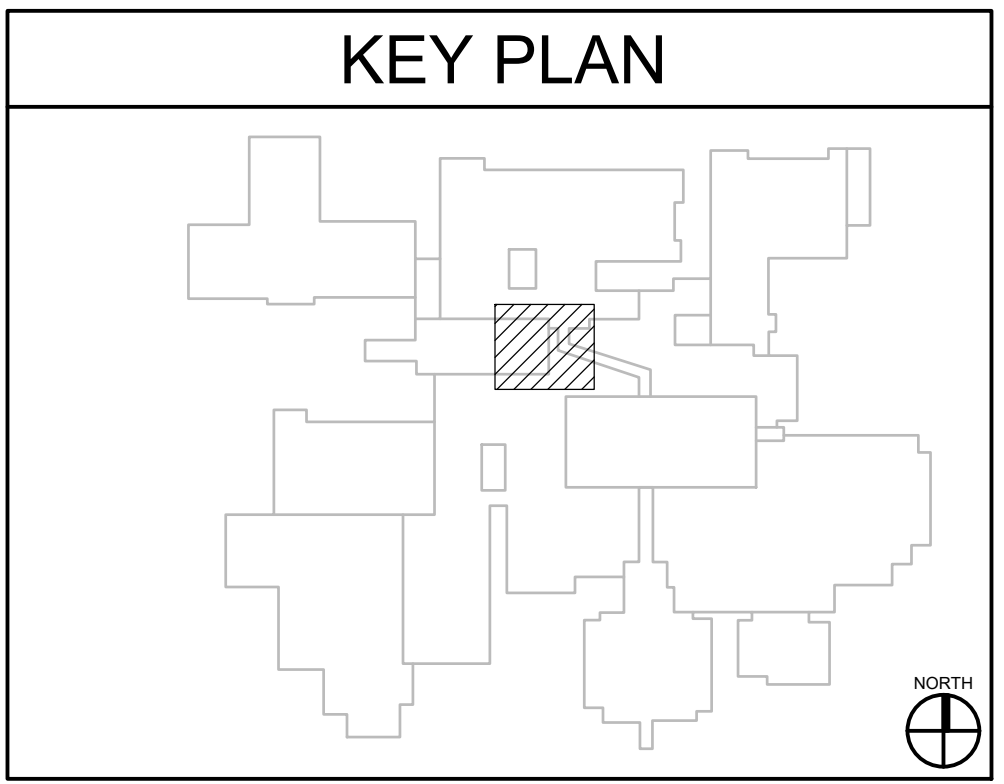
- EXISTING CONDITIONS SHOWN ARE BASED ON AVAILABLE AS-BUILT DRAWINGS AND LIMITED NON-DESTRUCTIVE SITE SURVEYS. VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION ACTIVITIES AND NOTIFY THE OWNER OF ANY CONDITIONS THAT DIFFER.
- UTILITY SERVICES TO THE BUILDING SHALL NOT BE INTERRUPTED UNLESS APPROVED BY THE OWNER. PROVIDE MINIMUM 2 WEEK NOTIFICATION IN ADVANCE OF UTILITY OUTAGES.

KEY NOTES

- LOCATE A MINIMUM OF 25' FROM ALL OUTSIDE AIR INTAKES.



1 MECHANICAL 1ST FLOOR ROOF PLAN
1/4" = 1'-0"



TCMC MRI

Tri-City Medical Center
4002 VISTA WAY
OCEANSIDE CA, 92056

OWNER: TRI-CITY MEDICAL CENTER
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TEL(760)940-7709

ARCHITECT: SFEIR ARCHITECTS
5151 SHOREHAM PL, SUITE 265
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TEL(619)299-3917

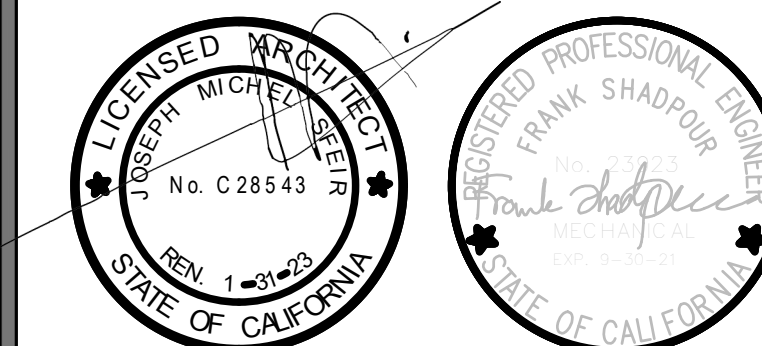
STRUCTURAL: MIYAMOTO INTERNATIONAL, INC.
5550 BALTIMORE DRIVE, SUITE 100
LA MESA, CALIFORNIA 91942
TEL(858)457-3001

MECHANICAL & PLUMBING: SC ENGINEERS, INC.
17075 VIA DEL CAMPO
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ELECTRICAL: AG DESIGN, INC.
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SHIELDING: MRI SHIELDING CORPORATION
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INTERIORS: ISLEY DESIGN & PLANNING
1982 PALSERO AVENUE
ESCONDIDO, CA 92029
TEL(760)484-0455



OSHPD COMMENTS	8/3/2020
DESIGN CHANGES	8/10/2020
OSHPD COMMENTS	10/2/2020
OSHPD COMMENTS	11/24/2020
DESIGN CHANGES	11/24/2020
ACD 0001 DESIGN CHANGES	4/14/2021

REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:
OSHPD # S200813-37-00-ACD0001

PROJECT TITLE:
MECHANICAL ROOF PLAN

PROJECT TITLE:
TCMC MRI

PROJECT #:
01907.01

DRAWN BY:
SC

CHECKED BY:
JC

SCALE:
PER TITLE

DATE:
3/11/2020

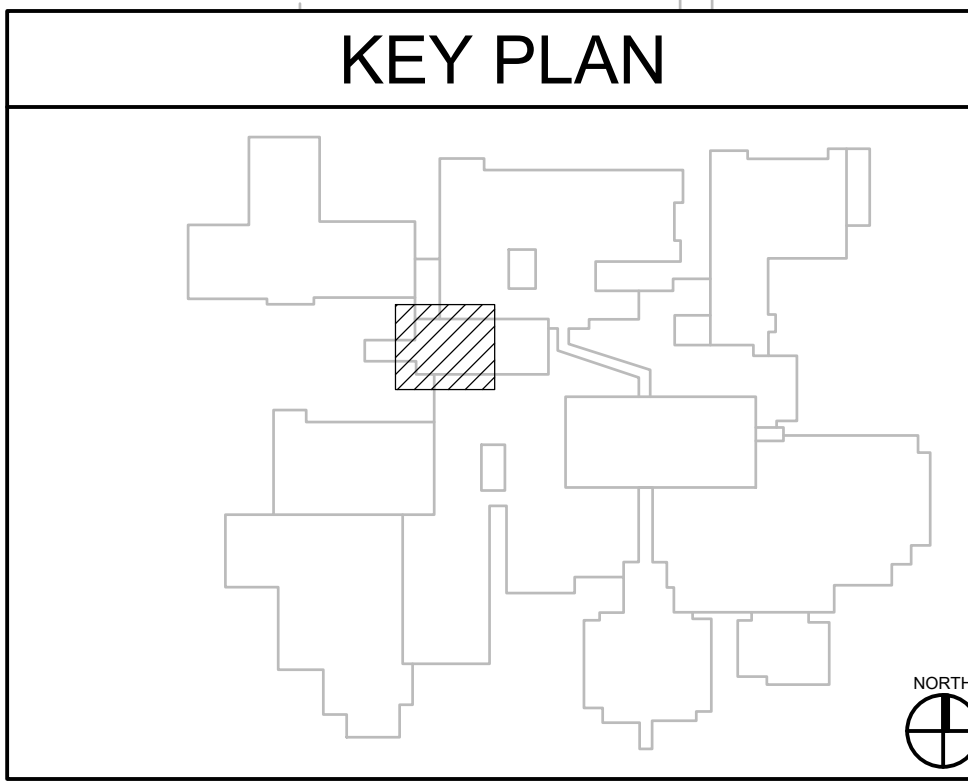
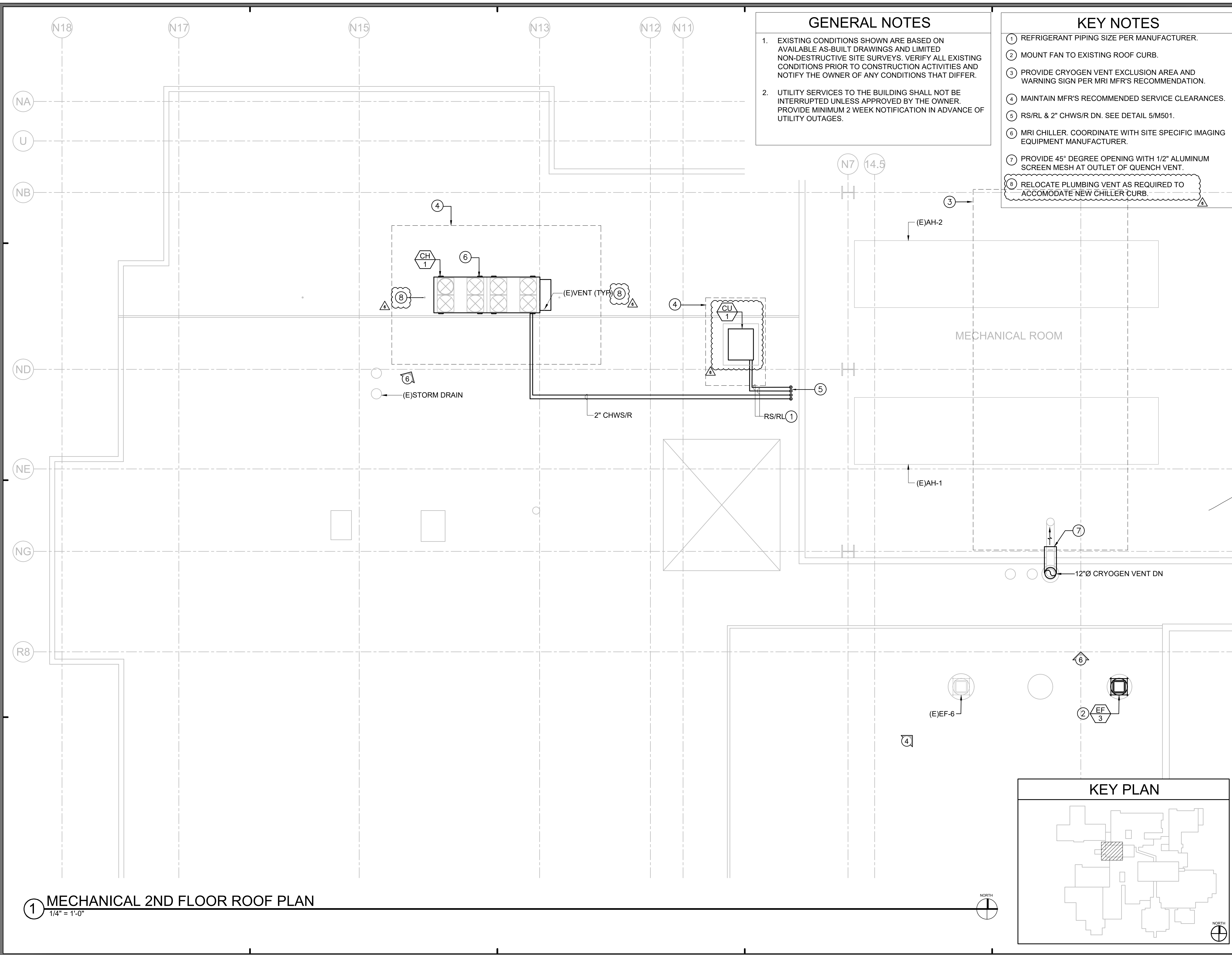
SHEET NUMBER:
M3-07

GENERAL NOTES

- EXISTING CONDITIONS SHOWN ARE BASED ON AVAILABLE AS-BUILT DRAWINGS AND LIMITED NON-DESTRUCTIVE SITE SURVEYS. VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION ACTIVITIES AND NOTIFY THE OWNER OF ANY CONDITIONS THAT DIFFER.
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KEY NOTES

- REFRIGERANT PIPING SIZE PER MANUFACTURER.
- MOUNT FAN TO EXISTING ROOF CURB.
- PROVIDE CRYOGEN VENT EXCLUSION AREA AND WARNING SIGN PER MRI MFR'S RECOMMENDATION.
- MAINTAIN MFR'S RECOMMENDED SERVICE CLEARANCES.
- RS/RL & 2" CHWS/R DN. SEE DETAIL 5/M501.
- MRI CHILLER. COORDINATE WITH SITE SPECIFIC IMAGING EQUIPMENT MANUFACTURER.
- PROVIDE 45° DEGREE OPENING WITH 1/2" ALUMINUM SCREEN MESH AT OUTLET OF QUENCH VENT.
- RELOCATE PLUMBING VENT AS REQUIRED TO ACCOMMODATE NEW CHILLER CURB.

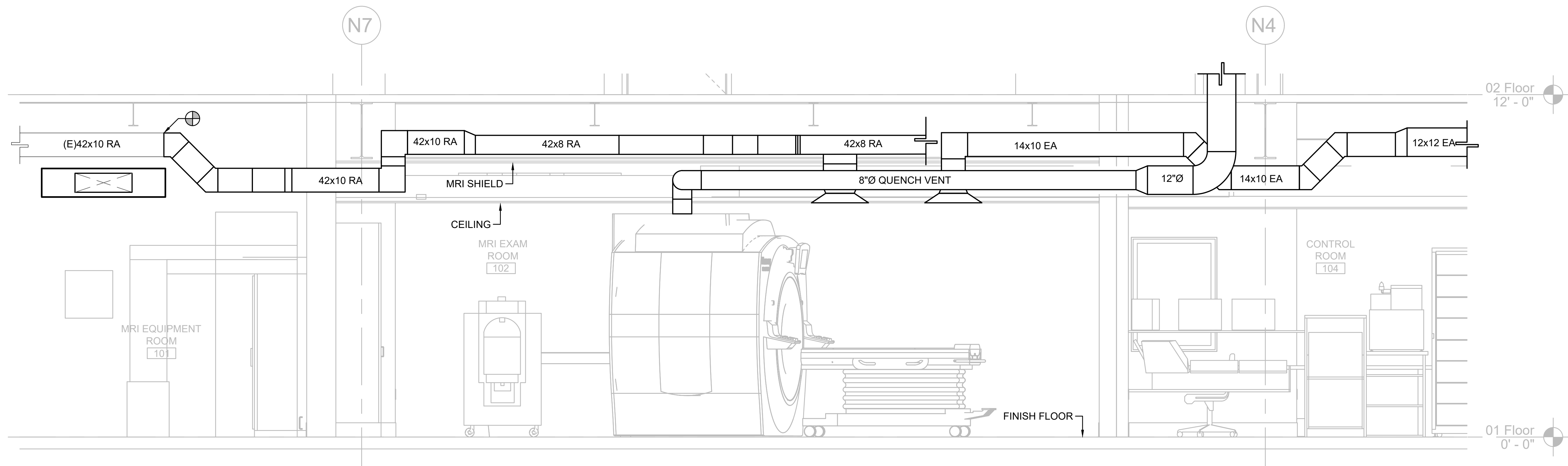


1 MECHANICAL 2ND FLOOR ROOF PLAN
1/4" = 1'-0"

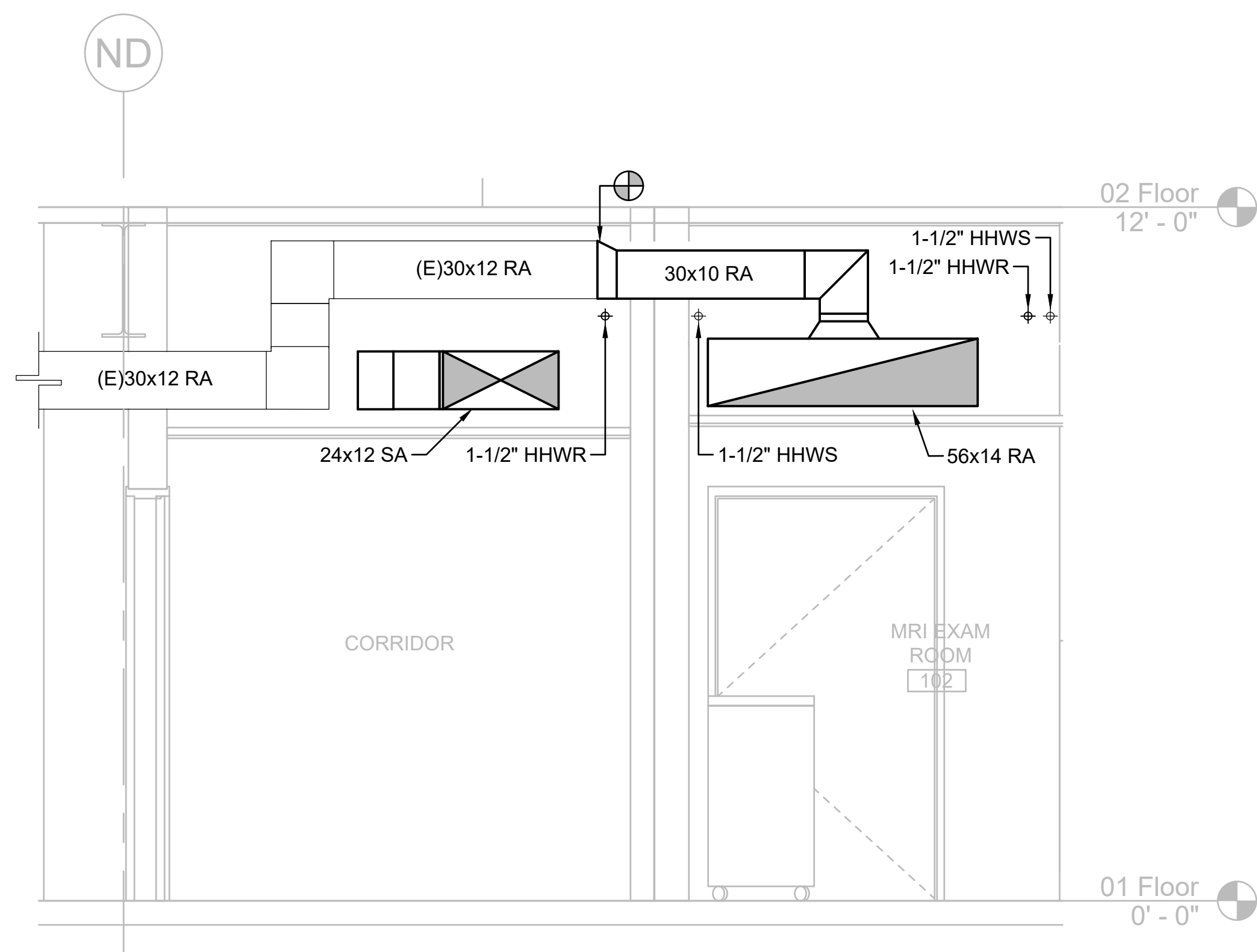
TCMC MRI

Tri-City Medical Center
4002 VISTA WAY
OCEANSIDE CA, 92056

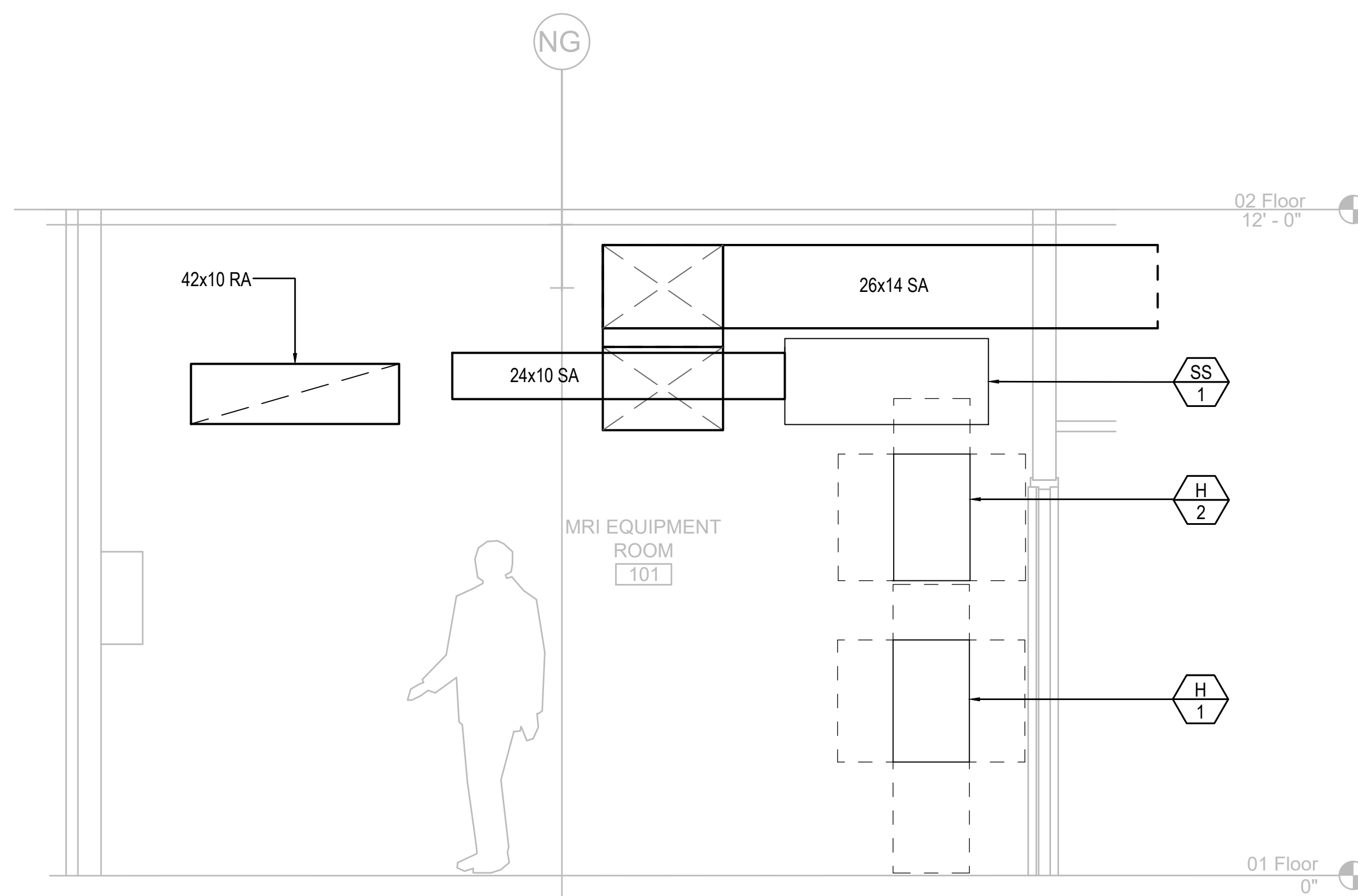
- OWNER:** TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056
TEL(760)940-7709
- ARCHITECT:** SF E I R ARCHITECTS
5151 SHOREHAM PL, SUITE 265
SAN DIEGO, CALIFORNIA 92122
TEL(619)299-3917
- STRUCTURAL:** MIYAMOTO INTERNATIONAL, INC.
6550 BALTIMORE DRIVE, SUITE 100
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- MECHANICAL & PLUMBING:** SC ENGINEERS, INC.
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- ELECTRICAL:** AG DESIGN, INC.
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- SHIELDING:** MRI SHIELDING CORPORATION
3554 BUSINESS PARK DR., SUITE B
COSTA MESA, CA 92626
TEL(714)545-7700
- INTERIORS:** ISLEY DESIGN & PLANNING
1982 PALSERO AVENUE
ESCONDIDO, CA 92029
TEL(760)484-0455



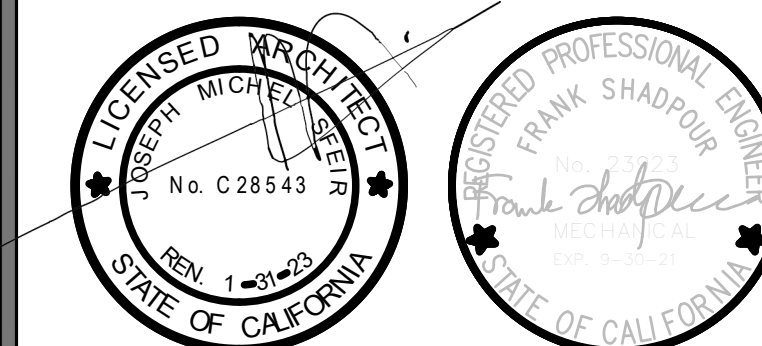
1 MECHANICAL SECTION
1/2" = 1'-0"



2 MECHANICAL SECTION
1/2" = 1'-0"



3 MECHANICAL SECTION
1/2" = 1'-0"



REV	DESCRIPTION	DATE
1	OSHPD COMMENTS	8/9/2020
2	DESIGN CHANGES	8/10/2020
3	OSHPD COMMENTS	10/2/2020
4	OSHPD COMMENTS	11/24/2020
5	DESIGN CHANGES	11/24/2020
6	ACD 0001 DESIGN CHANGES	4/14/2021



OSHPD APPROVAL STAMP:
OSHPD # S200813-37-00-ACD0001

MECHANICAL SECTIONS

PROJECT TITLE
TCMC MRI

PROJECT # 01907.01 SHEET NUMBER
DRAWN BY: SC
CHECKED BY: JC
SCALE: M4-01
PER TITLE
DATE: 3/11/2020

TCMC MRI

Tri-City Medical
Center
4002 VISTA WAY
OCEANSIDE CA, 92056

OWNER: TRI-CITY MEDICAL CENTER
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OCEANSIDE, CALIFORNIA 92056
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ARCHITECT: SFEIR ARCHITECTS
5151 SHOREHAM PL, SUITE 265
SAN DIEGO, CALIFORNIA 92122
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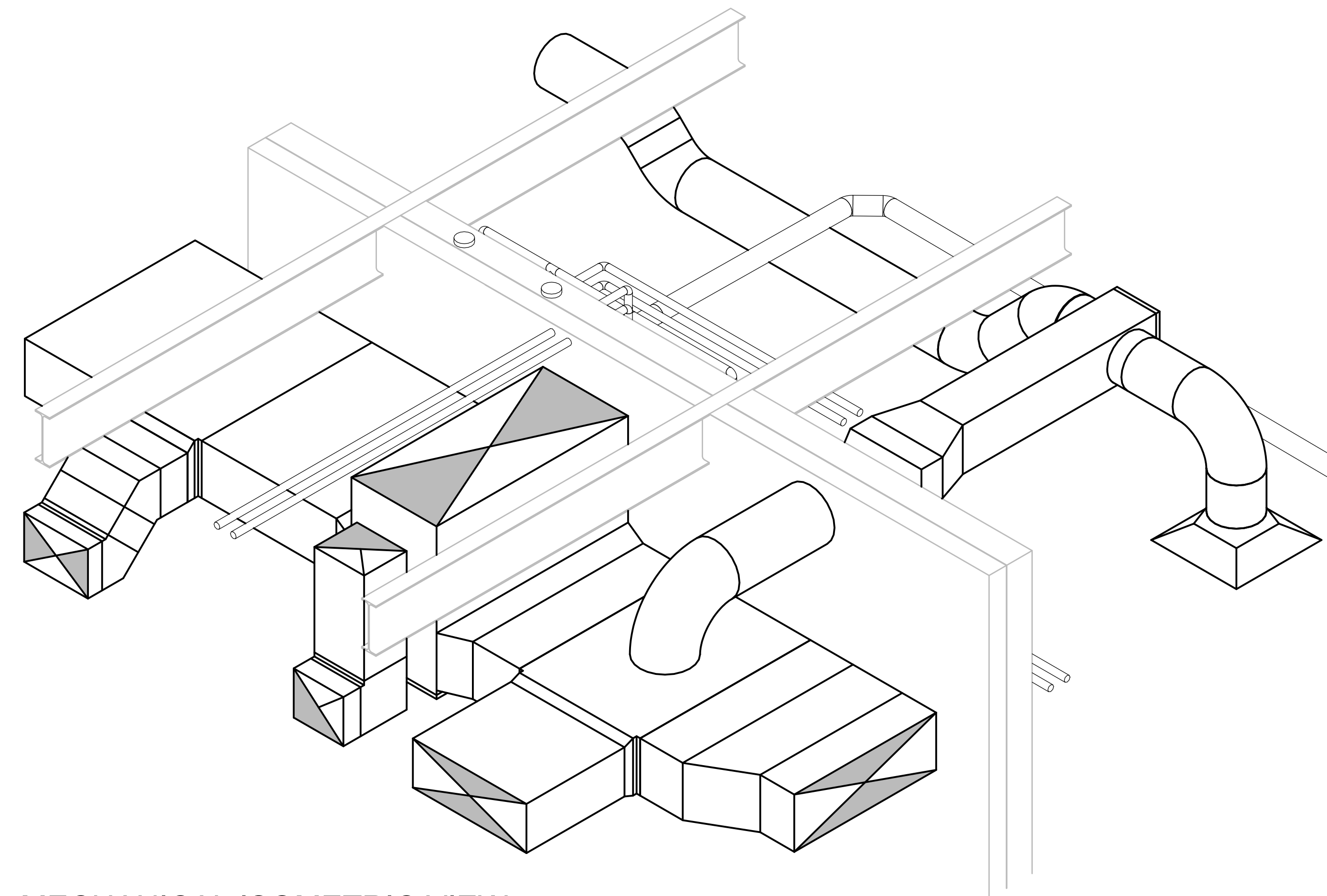
STRUCTURAL: MIYAMOTO INTERNATIONAL, INC.
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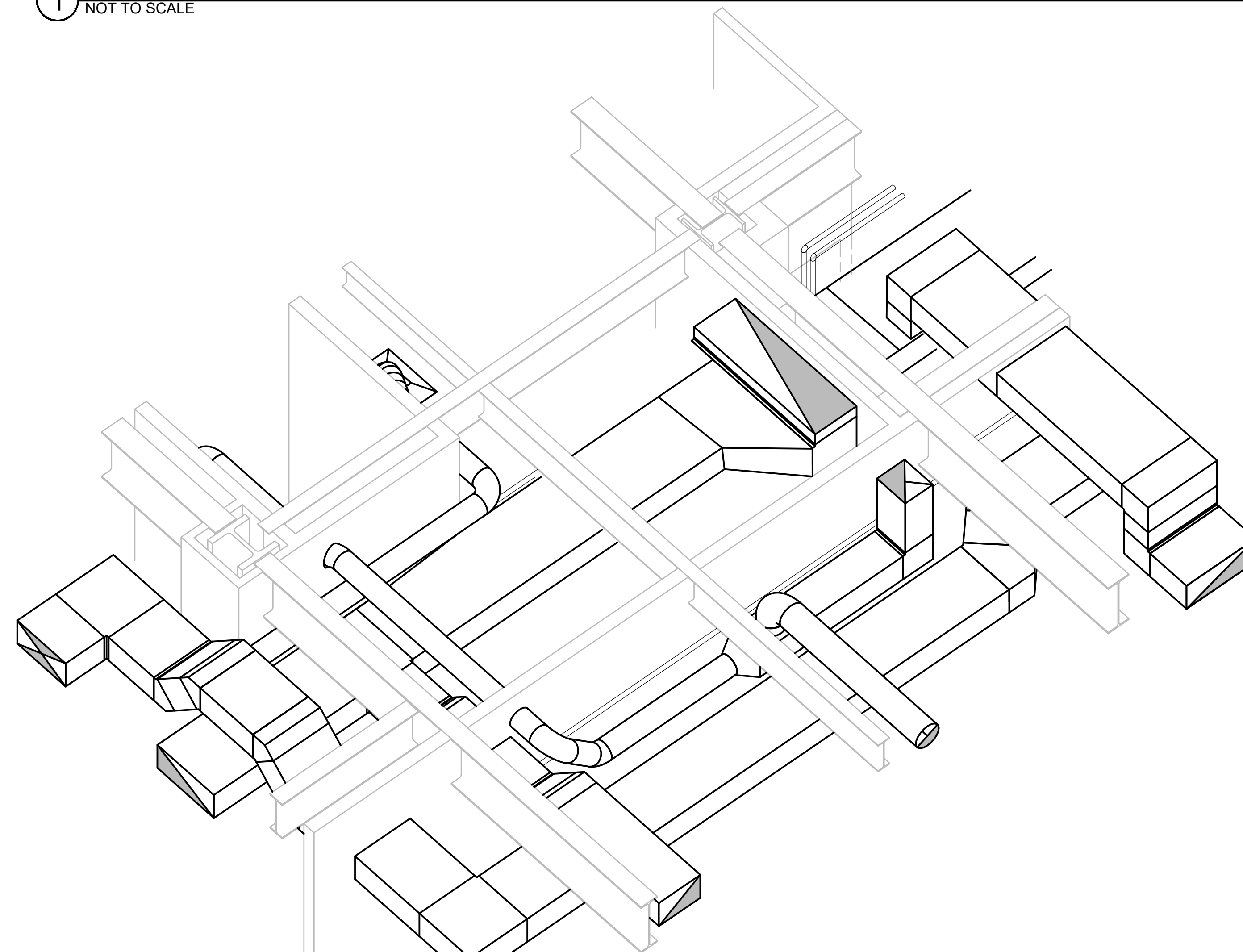
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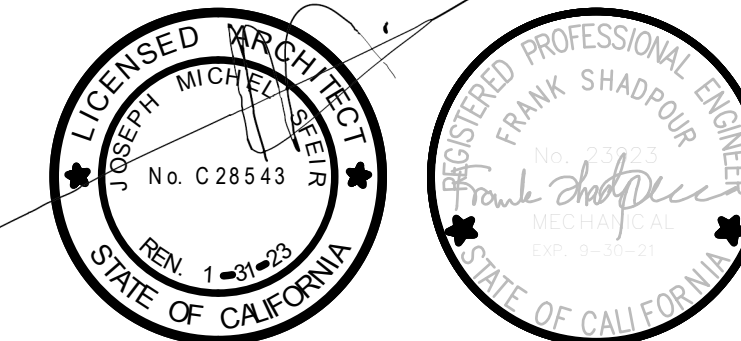
INTERIORS: ISLEY DESIGN & PLANNING
1982 PALSERO AVENUE
ESCONDIDO, CA 92029
TEL(760)484-0455



1 MECHANICAL ISOMETRIC VIEW
NOT TO SCALE



2 MECHANICAL ISOMETRIC VIEW
NOT TO SCALE



△	OSHPD COMMENTS	8/3/2020
△	DESIGN CHANGES	8/10/2020
△	OSHPD COMMENTS	10/2/2020
△	OSHPD COMMENTS	11/24/2020
△	DESIGN CHANGES	11/24/2020
△	ACD 0001 DESIGN CHANGES	4/14/2021

REV	DESCRIPTION	DATE

CONSULTANT



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SHEET TITLE
MECHANICAL ISOMETRIC VIEW

PROJECT TITLE

TCMC MRI
PROJECT # 01907.01 SHEET NUMBER
DRAWN BY SC
CHECKED BY JC
SCALE
PER TITLE
DATE 3/11/2020

M4-02

TCMC MRI

Tri-City Medical Center
4002 VISTA WAY
OCEANSIDE CA, 92056

OWNER: TRI-CITY MEDICAL CENTER
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REV	DESCRIPTION	DATE
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△	DESIGN CHANGES	8/10/2020
△	OSHPD COMMENTS	10/2/2020
△	OSHPD COMMENTS	11/24/2020
△	DESIGN CHANGES	11/24/2020
△	ACD 0001 DESIGN CHANGES	4/14/2021

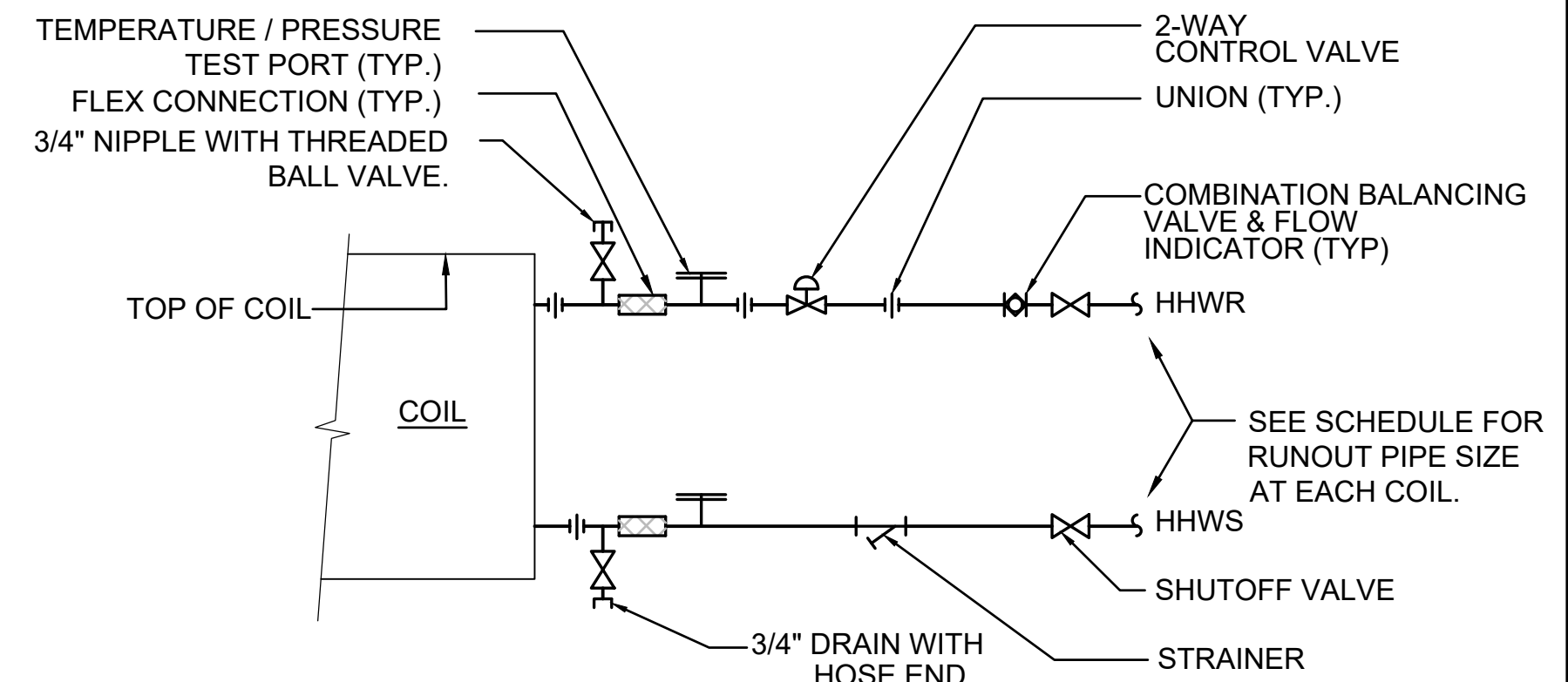
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OSHPD APPROVAL STAMP:
OSHPD # S200813-37-00-ACD0001

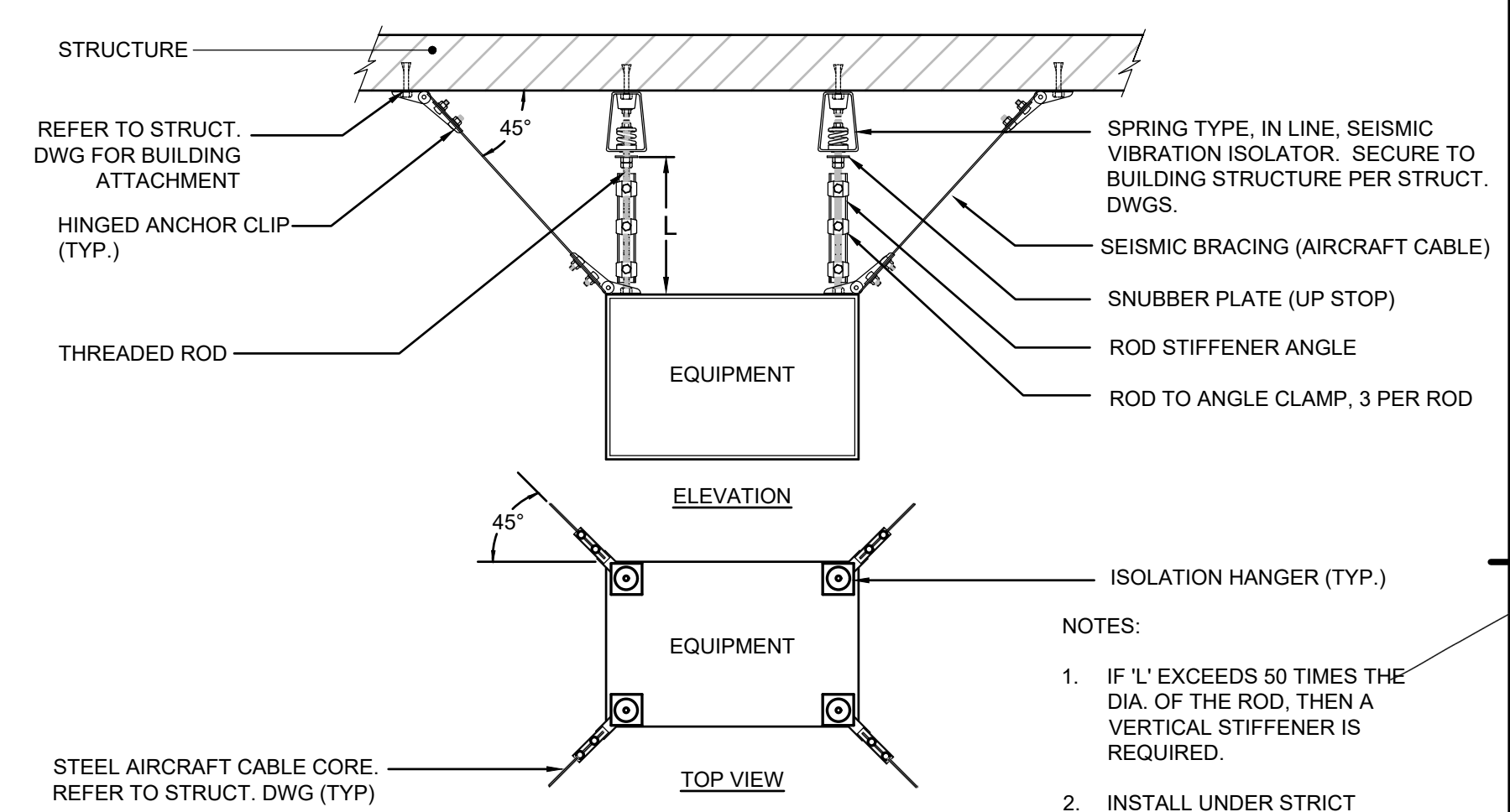
MECHANICAL DETAILS

PROJECT TITLE: TCMC MRI
PROJECT #: 01907.01
DRAWN BY: SC
CHECKED BY: JC
SCALE: PER TITLE
DATE: 3/11/2020



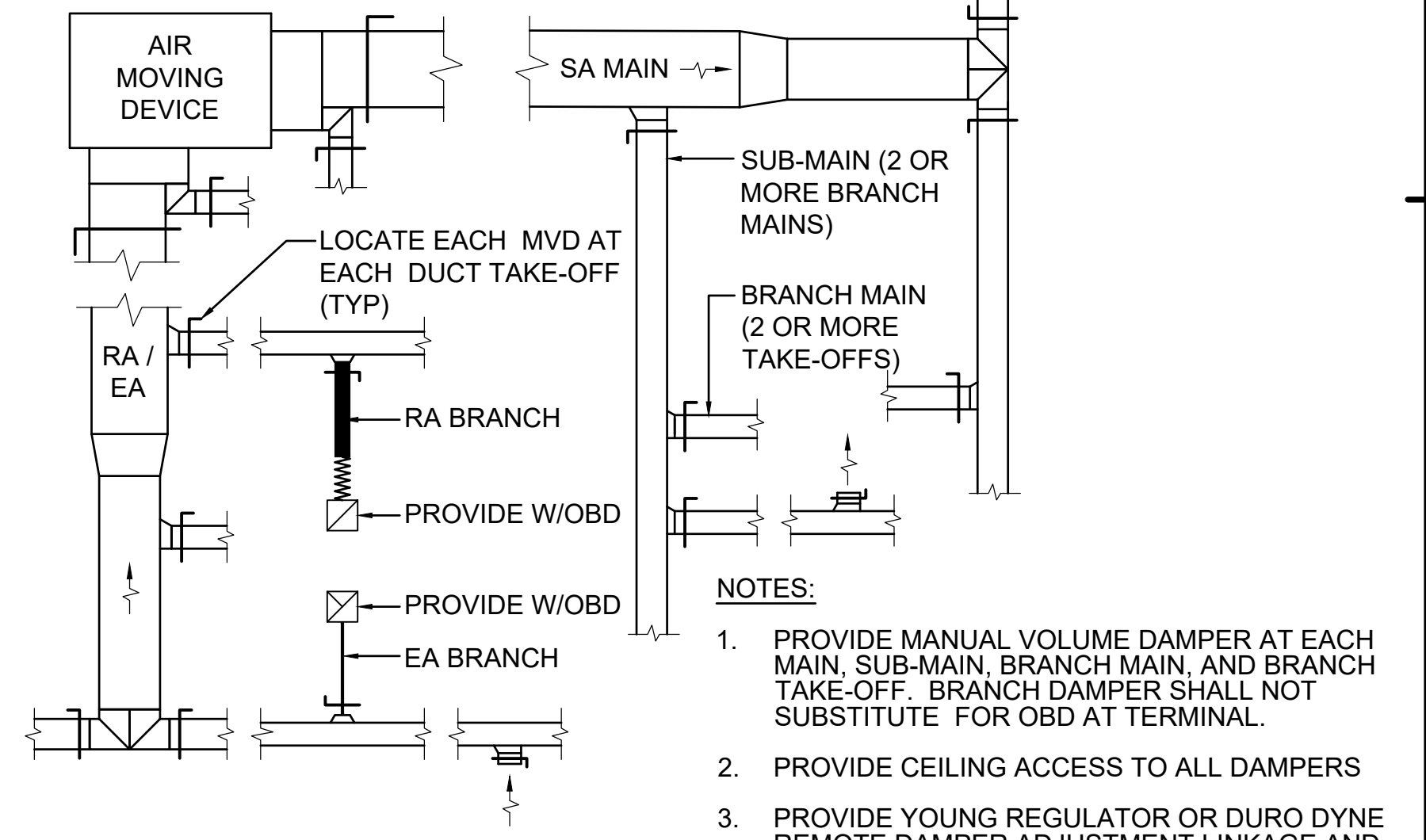
- NOTES:
- CONTROL VALVE SHALL BE NORMALLY CLOSED.
 - SUPPORT PIPING FROM FLOOR/CEILING STRUCTURE. IN NO CASE SHALL WEIGHT OF PIPING BE CARRIED BY COIL. SEISMICALLY BRACE ALL PIPING.

HEATING COIL DIAGRAM
SCALE: NONE

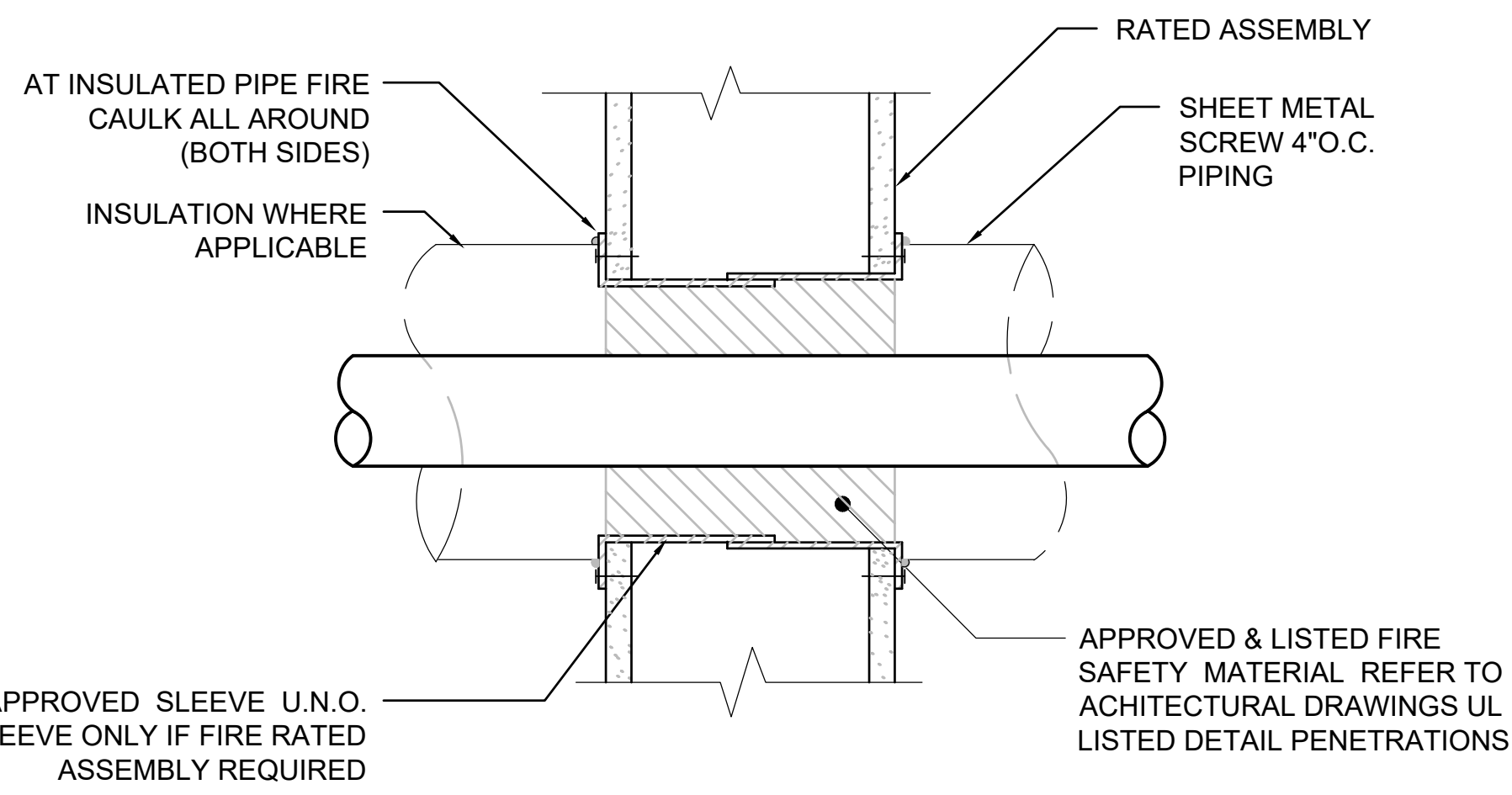


- NOTES:
- IF 'L' EXCEEDS 50 TIMES THE DIA. OF THE ROD, THEN A VERTICAL STIFFENER IS REQUIRED.
 - INSTALL UNDER STRICT INSTRUCTION OF VIBRATION ISOLATION MFR.
 - EXACT NUMBER OF SUSPENSION POINTS PER MANUFACTURER.

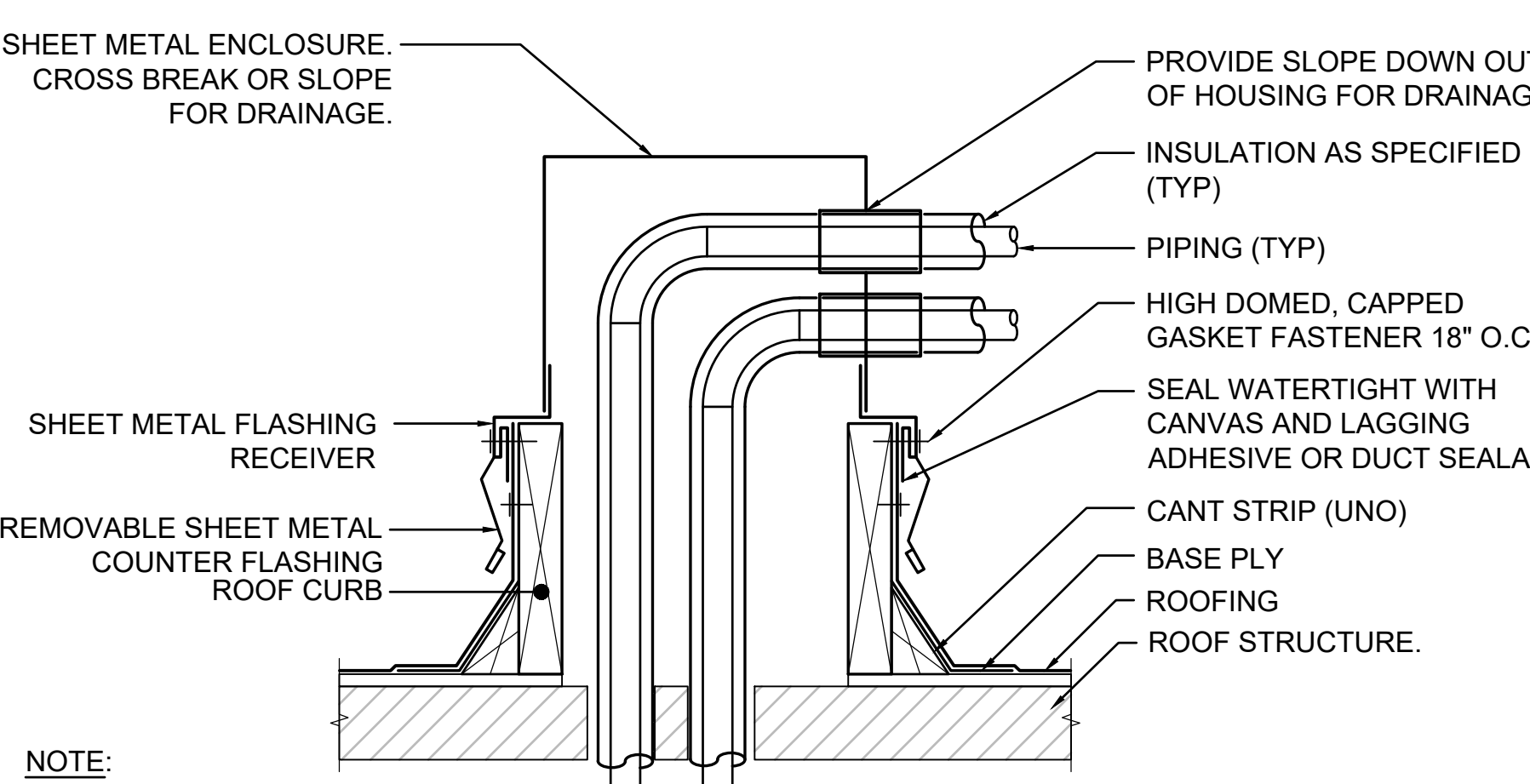
EQUIPMENT HANGING DETAIL (SS-1)
SCALE: NONE



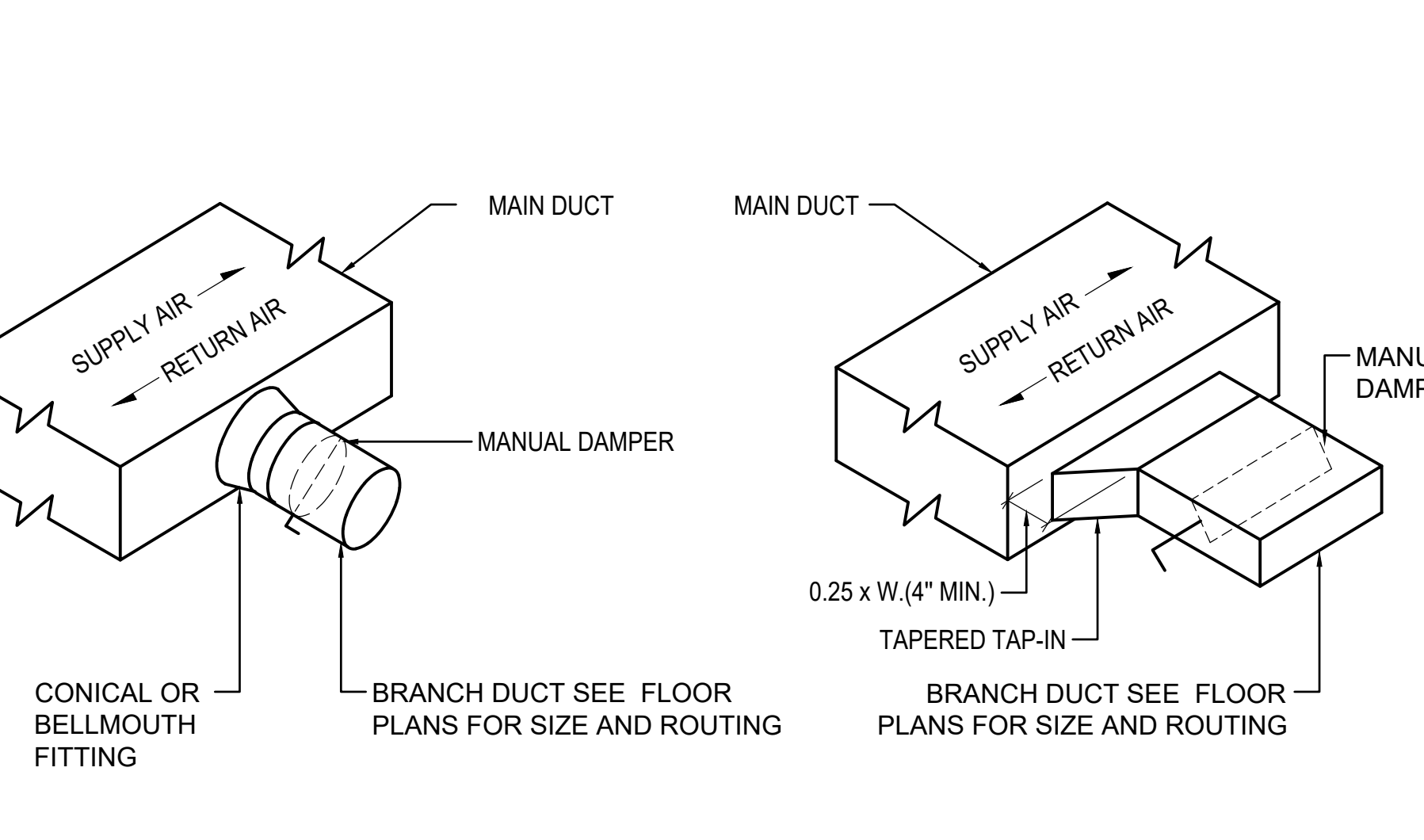
MANUAL VOLUME DAMPER
SCALE: NONE



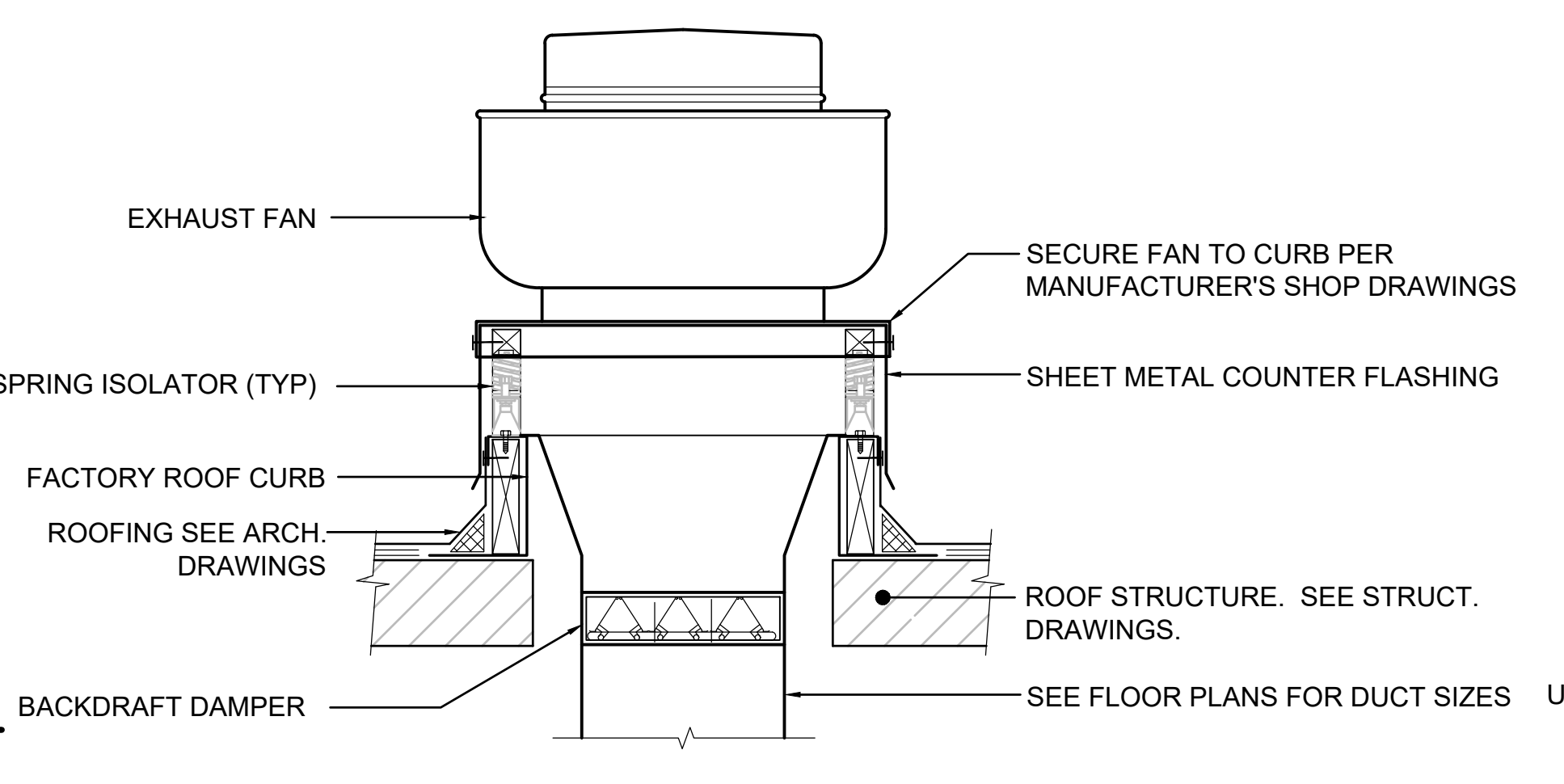
PIPE THRU FIRE-RATED WALL
SCALE: NONE



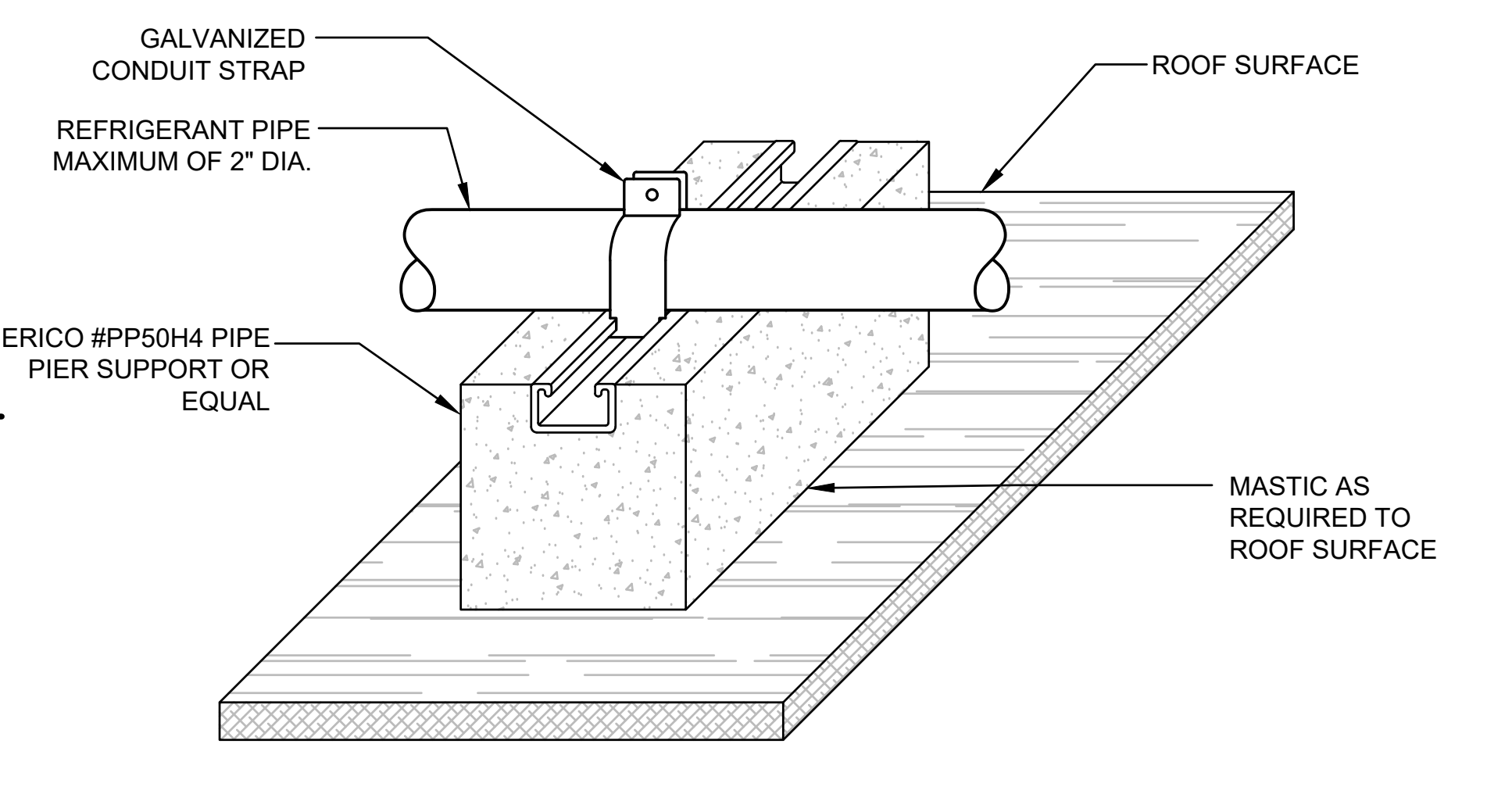
PIPING ROOF PENETRATION DETAIL
SCALE: NONE



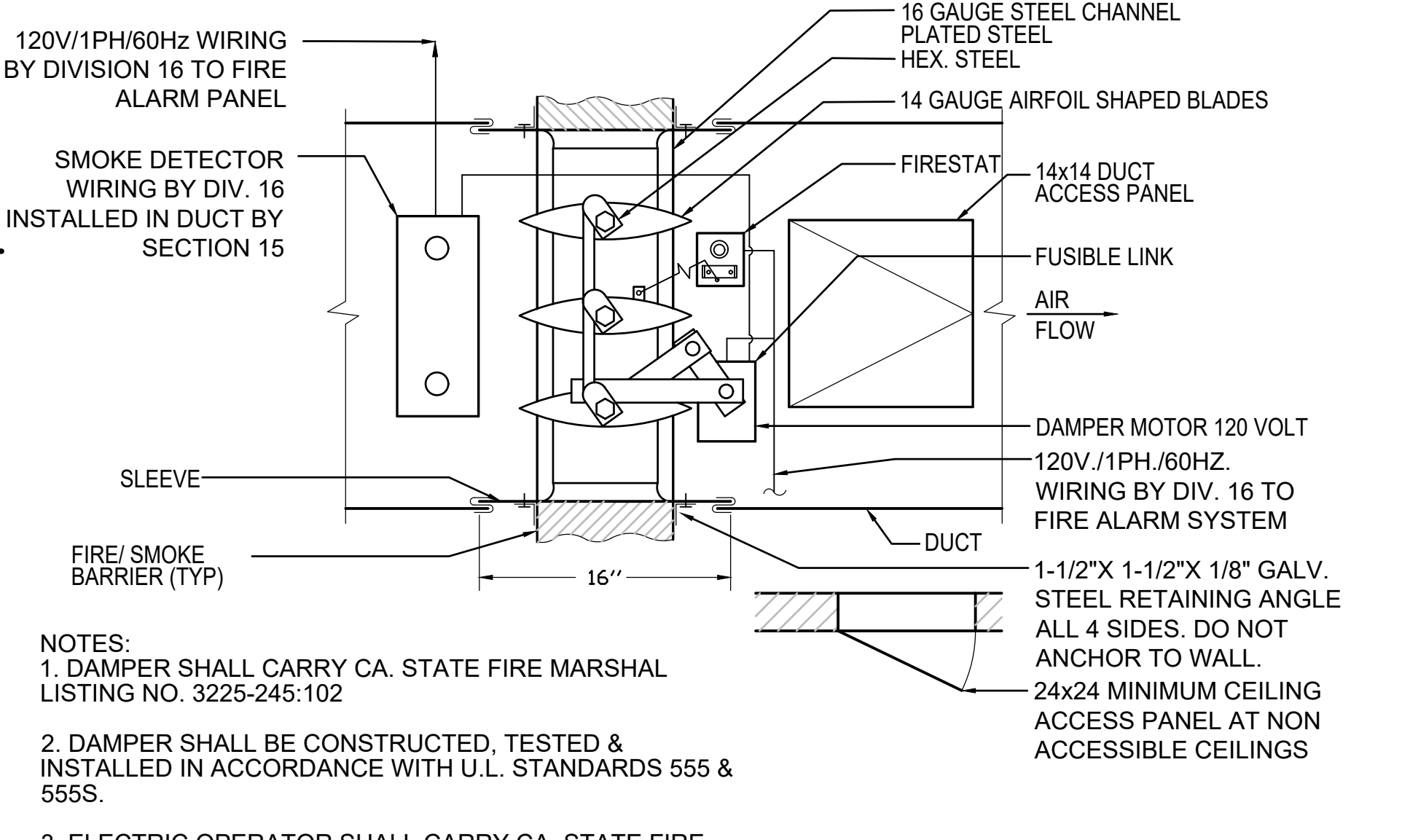
DUCT CONNECTION DETAIL
SCALE: NONE



EXHAUST FAN MOUNTING DETAIL
SCALE: NONE



ROOF PIPE SUPPORT DETAIL
SCALE: NONE



FIRE/SMOKE DAMPER DETAIL
SCALE: NONE

TCMC MRI

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△	DESIGN CHANGES	11/24/2020
△	ACD 0001 DESIGN CHANGES	4/14/2021

REV	DESCRIPTION	DATE

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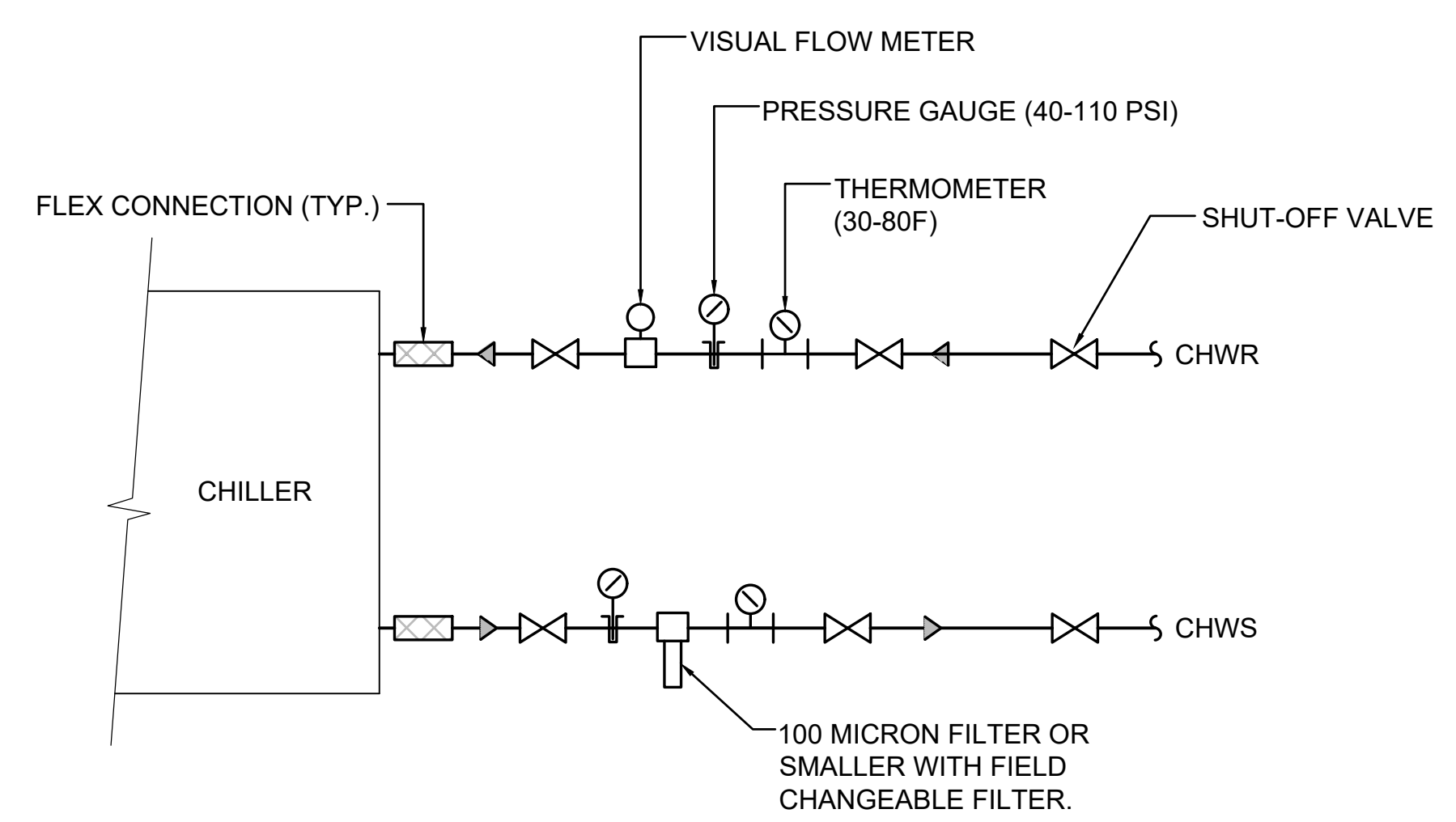


OSHPD APPROVAL STAMP:
OSHPD # S200813-37-00-ACD0001

SHEET TITLE:
MECHANICAL DETAILS

PROJECT TITLE:
TCMC MRI

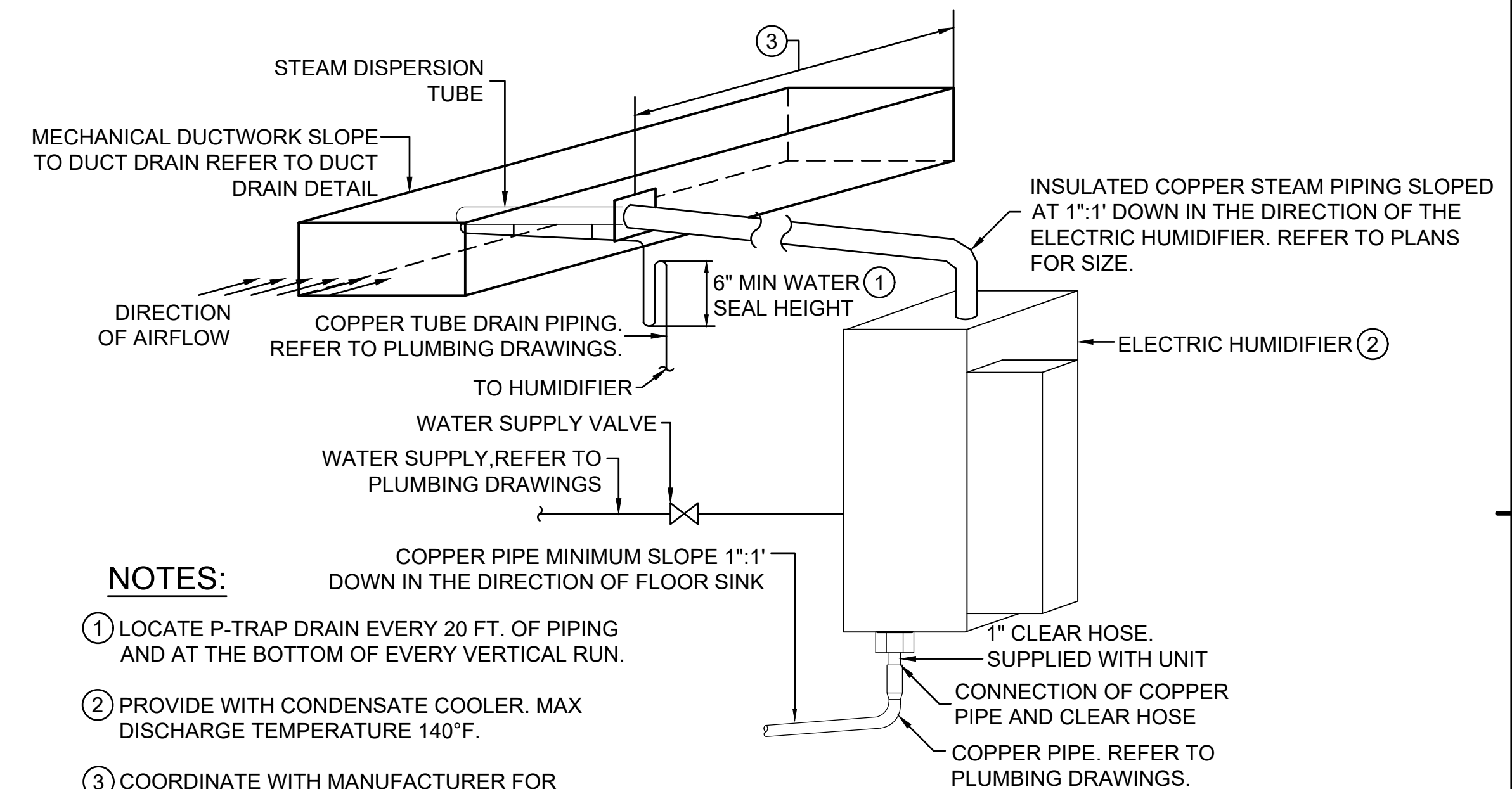
PROJECT #:
01907.01
DRAWN BY:
SC
CHECKED BY:
JC
SCALE:
PER TITLE
DATE:
3/11/2020



- NOTES:**
- SUPPORT PIPING FROM STRUCTURE. IN NO CASE SHALL WEIGHT OF PIPING BE CARRIED BY CHILLER. SEISMICALLY BRACE ALL PIPING.
 - COORDINATE WITH MRI MANUFACTURER

MRI EQUIPMENT/MRI CHILLER CHW PIPING DETAIL
SCALE: NONE

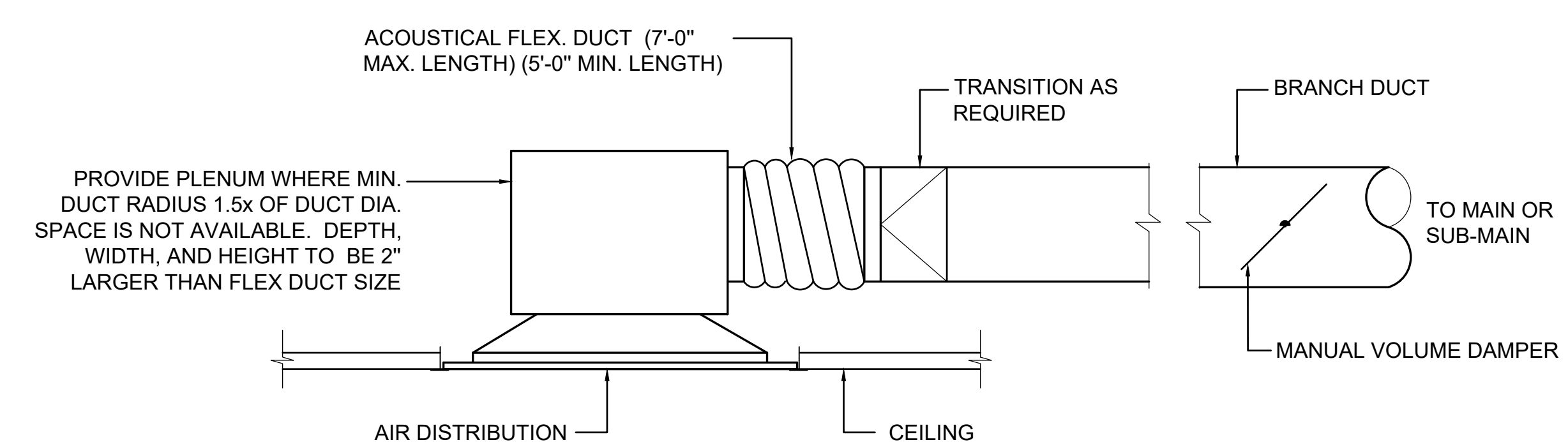
4
M5-02



- NOTES:**
- LOCATE P-TRAP DRAIN EVERY 20 FT. OF PIPING AND AT THE BOTTOM OF EVERY VERTICAL RUN.
 - PROVIDE WITH CONDENSATE COOLER. MAX DISCHARGE TEMPERATURE 140°F.
 - COORDINATE WITH MANUFACTURER FOR REQUIRED STRAIGHT DUCT DOWNSTREAM OF DISPERSION TUBE.

ELECTRIC STEAM HUMIDIFIER DETAIL
SCALE: NONE

1
M5-02

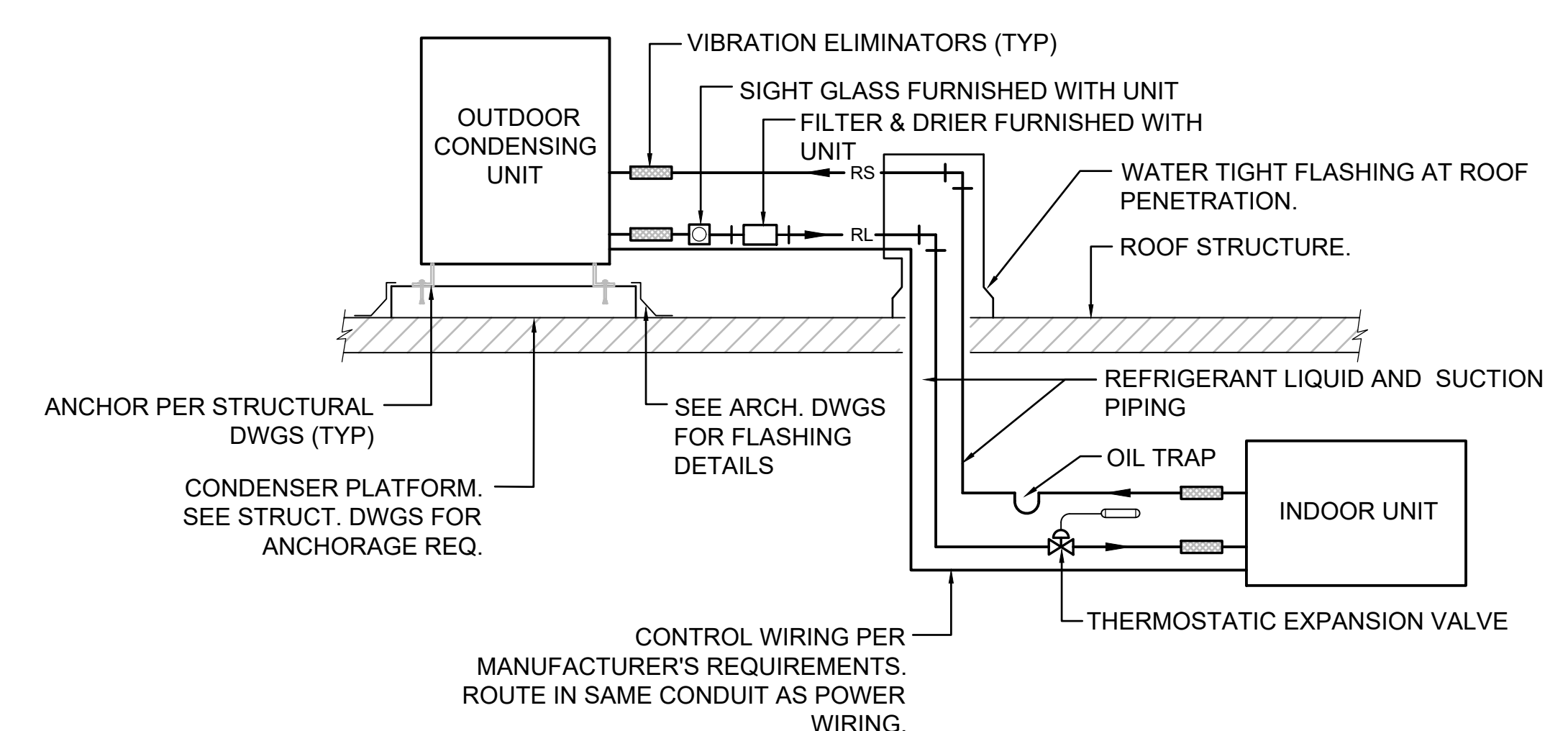


BRANCH DUCT SIZES SUPPLY AIR	
MAX. CFM	SIZE
0-95	6"Ø
96-210	8"Ø
211-370	10"Ø
371-600	12"Ø
601-900	14"Ø
901-1290	16"Ø
1291-1750	18"Ø
1751-2300	20"Ø

BRANCH DUCT SIZES RETURN/EXHAUST AIR	
MAX. CFM	SIZE
0-50	6"Ø
51-190	8"Ø
191-340	10"Ø
341-560	12"Ø
561-840	14"Ø
841-1190	16"Ø
1191-1610	18"Ø
1611-2150	20"Ø

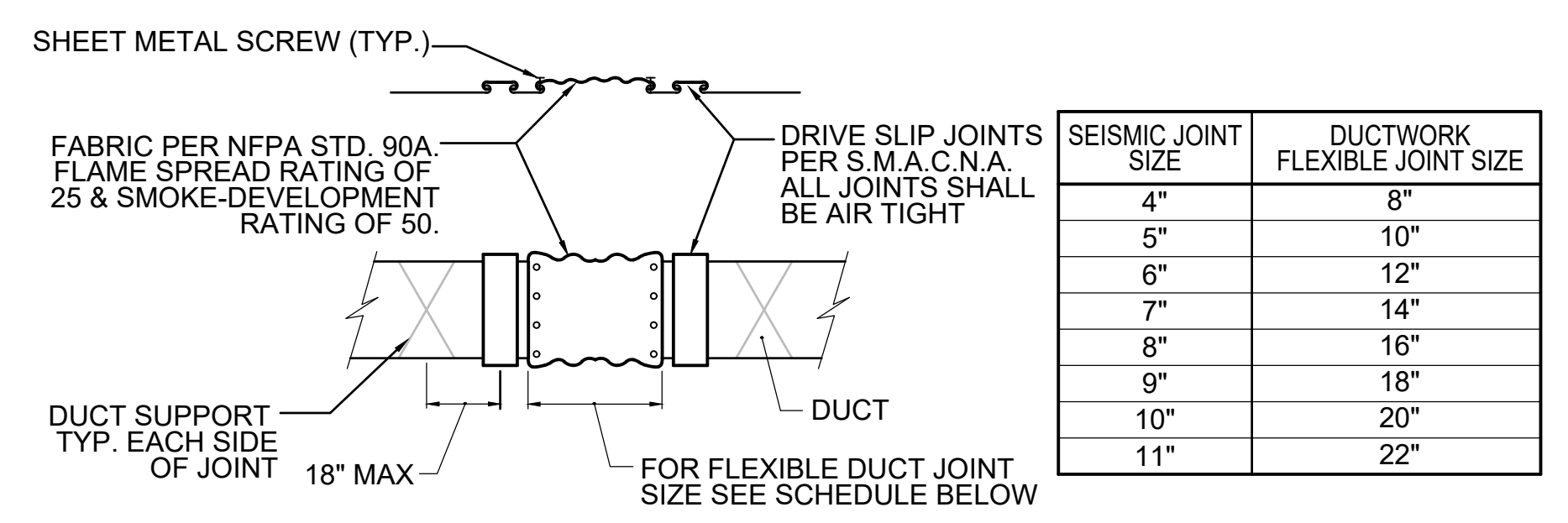
AIR DISTRIBUTION CONNECTION DETAIL
SCALE: NONE

5
M5-02



REFRIGERANT PIPING DETAIL
SCALE: NONE

2
M5-02



DUCT CONNECTION AT EXPANSION JOINT
SCALE: NONE

3
M5-02

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San Diego, CA 92122

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www.sfeirarch.com

TCMC MRI

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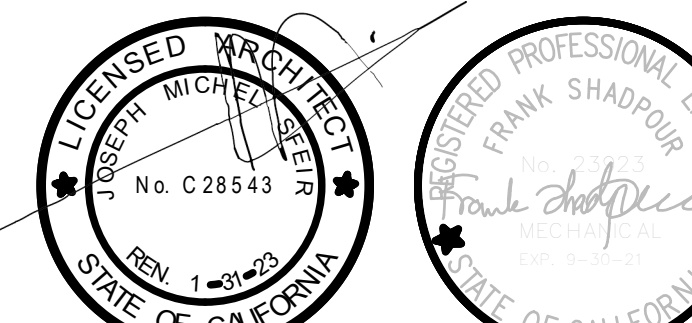
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ACD 0001 DESIGN CHANGES	4/14/2021

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EXHAUST FAN SCHEDULE

SYMBOL	LOCATION	AREA SERVED	CFM	ESP (IN W.G.)	DRIVE	RPM	MOTOR					EMERGENCY POWER	OSP NUMBER	OPER WEIGHT (LBS)	MTG DETAIL	REMARKS
							BHP	HP	V	Ø	Hz					
EF 2	ROOF	MRI ROOM	1,200	0.7	DIRECT	1725	0.24	1/2	120	1	60	YES	0148-10	90	7/M5-01	①②
EF 3	ROOF	PATIENT RESTROOM	300	1.6	DIRECT	2500	0.24	1/2	120	1	60	YES	0148-10	90	7/M5-01	①
EF 4	ROOF	WAITING ROOM	540	0.7	DIRECT	1725	0.15	1/4	120	1	60	YES	0148-10	60	7/M5-01	①

① PROVIDE W/BACKDRAFT DAMPER ② EMERGENCY EXHAUST FAN. PROVIDE MANUAL FAN SWITCH NEAR OPERATOR WORKSPACE AND IN MAGNET ROOM WIRED IN PARALLEL PER MFR REQUIREMENTS.

REHEAT COIL SCHEDULE

SYMBOL	DESCRIPTION	MODEL	CFM	COIL SIZE (H"xL")	MAX FACE VEL. (FPM)	MAX TOTAL PD (IN W.G.)	MIN. NO. OF ROWS	CAPACITY (MBH)	EWT (°F)	LWT (°F)	EAT (°F)	LAT (°F)	GPM	BRANCH SIZE (IN)	MAX WATER PD (FT)	OPER WEIGHT (LBS)	REMARKS
RC 1	HYDRONIC HEATING COIL	TRANE-TYPE 5W	800	12x20	500	0.15	2	30.2	180	160	55	90	3.0	1	3	45	①
RC 2	HYDRONIC HEATING COIL	TRANE-TYPE ST	350	12x12	500	0.15	2	13.2	180	160	55	90	1.3	3/4	3	20	①
RC 3	HYDRONIC HEATING COIL	TRANE-TYPE ST	300	6x12	500	0.15	2	11.3	180	160	55	90	1.1	3/4	3	15	①
RC 4	HYDRONIC HEATING COIL	TRANE-TYPE ST	270	9x9	500	0.15	2	10.2	180	160	55	90	1.0	3/4	3	15	①
RC 5	HYDRONIC HEATING COIL	TRANE-TYPE ST	170	6x9	500	0.15	2	6.4	180	160	55	90	0.6	3/4	3	10	①
RC 6	HYDRONIC HEATING COIL	TRANE-TYPE ST	270	9x9	500	0.15	2	10.2	180	160	55	90	1.1	3/4	3	15	①

① COPPER TUBE, ALUMINUM FIT, HOT WATER COIL

SPLIT SYSTEM SCHEDULE

SYMBOL	DESCRIPTION	AREA SERVED	INDOOR FAN SECTION								EMERG. POWER	SYMBOL	DESCRIPTION	OUTDOOR SECTION				COOLING CAP.		HEATING CAP.		REFRIGERANT TYPE	OSP NUMBER	MTG DETAIL	EMERGENCY POWER	REMARKS			
			MIN CFM	ESP (IN WC)	DRIVE	MCA	V	Ø	Hz	OPER WEIGHT (LBS)				MCA	V	Ø	Hz	OPER WEIGHT (LBS)	TOTAL CAP. (MBH)	AMB (°F)	ENT DB (°F)						ENT WB (°F)	TOTAL CAP. (MBH)	AMB (°F)
SS 1	mitsubishi TPEFP072	EQUIPMENT RM 1	1,760	0.2	DIRECT	7.7	208	1	60	214	YES	CU 1	mitsubishi TUHYP072	11	480	3	60	479	72	95	80	67	N/A	N/A	R-410A	OSP-0537	2/M5.01 2/M5.02	YES	①②

① PROVIDE MERV 8 FILTER ② PROVIDE SEPARATE WALL MOUNTED TEMPERATURE SENSOR IN ROOM FOR MONITORING BY DDC SYSTEM.

HUMIDIFIER SCHEDULE

SYMBOL	DESCRIPTION	MODEL	AREA SERVED	HUMIDIFIER LOAD (LBS/HR)	ELECTRICAL						OPER. WEIGHT	EMERGENCY POWER	OSP NUMBER	MTG. DETAIL	REMARKS
					kw	V	Ø	Hz	MCA	MOCP					
H 1	ELECTRODE STEAM GENERATOR HUMIDIFIER	NORTEC-CONDAIR EL-005	EQUIPMENT ROOM	1.9	1.9	120	1	60	15.6	20	55	YES	OSP-0225-10	4/S4-1	①②③⑤⑥
H 2	ELECTRODE STEAM GENERATOR HUMIDIFIER	NORTEC-CONDAIR EL-010	MRI ROOM	7.2	3.7	208	1	60	18.0	25	55	YES	OSP-0225-10	4/S4-1	①②③⑤⑥
H 3	ELECTRODE STEAM GENERATOR HUMIDIFIER	NORTEC-CONDAIR EL-005	CONTROL ROOM	3.0	1.9	120	1	60	15.6	20	55	YES	OSP-0225-10	4/S4-1	①②③⑤⑥

① WALL MOUNT INSTALLATION ② PROVIDE DUCT HIGH LIMIT HUMIDISTAT AND AIRFLOW PROVING SWITCH. ③ PROVIDE FACTORY MOUNTED CONTROLS FOR INTEGRATION INTO EXISTING BUILDING MANAGEMENT SYSTEM. ④ -
⑤ PROVIDE MANUFACTURER'S STAINLESS STEEL DISPERSION TUBE FOR DISPERSION INTO SA DUCT ⑥ PROVIDE MFG CONDENSATE COOLER

MRI CHILLER SCHEUDLE (FOR REFERENCE ONLY. CHILLER DESIGNED BY GE MEDICAL)

SYMBOL	DESCRIPTION	AREA SERVED	NOMINAL CAPACITY (TONS)	RATED CAPACITY (TONS)	REFRIGERANT TYPE	EVAPORATOR DATA				CONDENSER DATA					TOTAL UNIT ELECTRICAL DATA				EMERGENCY POWER	MAX OPERATING WEIGHT (LBS)	REMARKS	
						GPM	EWT (°F)	LWT (°F)	AMB (°F)	QTY	HP	V	Ø	Hz	DISC FULL	FLA	V	Ø				Hz
CH 1	ROOF MOUNTED AIR COOLED CHILLER	MRI MACHINE	30	20	R407C	35	63.7	50	122	8	1/2	460	3	60	100A	91A	460	3	60	YES	4300	①②③

① COORDINATE WITH SITE SPECIFIC IMAGING EQUIPMENT MANUFACTURER FOR ACTUAL CHILLER MODEL REQUIRED. ② SYSTEM PROVIDED WITH TWO 3 HP CHILLED WATER PUMPS. ③ PROVIDED BY GE

MECHANICAL SCHEDULES

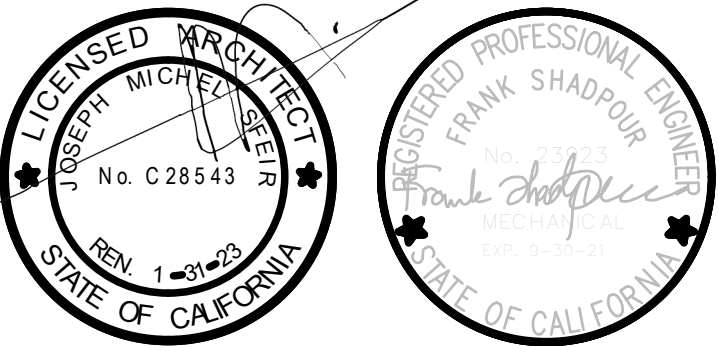
PROJECT TITLE
TCMC MRI
PROJECT # 01907.01 SHEET NUMBER
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M6-01

TCMC MRI

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4002 VISTA WAY
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ADD 0001 DESIGN CHANGES	4/14/2021

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M6-02

EXISTING AIR HANDLING UNIT SCHEDULE (FOR REFERENCE ONLY PER OSHPD PROJECT #HL889969)

SYMBOL	AREA SERVED	UNIT LOCATION	SUPPLY FAN										RETURN FAN						COOLING COIL								HEATING COIL										FILT.	VIBRATION ISOLATION	OPER. WEIGHT (LBS)	MANUF. & MODEL NO.							
			TYPE	CFM	TSP (IN WC)	MIN OSA CFM	RPM	HP	V	Ø	Hz	TYPE	CFM	TSP (IN WC)	RPM	HP	V	Ø	Hz	CAP. (MBH)		FACE AREA (SF)	MIN NO. OF ROWS	EAT (°F)		LAT (°F)		MAX AIR PD (IN WC)	GPM	EWT (°F)	LWT (°F)	MAX WATER PD (FT)	CFM	CAP. (MBH)	FACE AREA (SF)	MIN NO OF ROWS					EAT (°F)	LAT (°F)	MAX AIR PD (IN WC)	GPM	EWT (°F)	LWT (°F)	WATER PD (FT)
																				SENS.	TOTAL			DB	WB	DB	WB																				
(E)AH-1	1ST FLOOR SOUTHEAST, SOUTHWEST	MECHANICAL PENTHOUSE	AIR FOIL	12,000	5	3150	1361	20	460	3	60	(E)RF-1	8,850	1.25	801	3	460	3	60	340.1	457.71	24.8	6	79	64.8	53	52	1.0	91.5	45	55	7.4	12,000	131	24.8	1	65	75	.08	13.1	180	160	0.9	①	INTERNAL SPRING ISOLATED	12,000	"PACE" PLUG FAN DRAW-THRU P-30

① DEEP PLEATED HIGH EFFICIENCY 45% PRE FILTER & 95% FINAL FILTER. ② TEST, ADJUST AND BALANCE AH-1 TO PROVIDE CFM REQUIRED BASED ON PRE-TAB AND QUANTITIES INDICATED ON MECHANICAL PLAN.

EXISTING EXHAUST FAN SCHEDULE (FOR REFERENCE ONLY)

SYMBOL	LOCATION	AREA SERVED	FAN TYPE	CFM	ESP (IN W.G.)	RPM	MOTOR				VIBRATION ISOLATION	OPER WEIGHT (LBS)	MANUFACTURER & MODEL NO.
							HP	V	Ø	Hz			
(E)EF-1	ROOF	FIRST FLOOR SOUTHWEST	CENTRIFUGAL	1330	0.3	1290	1/4	120	1	60	ROOF MOUNTED	120	GREENHECK LBP-14

ASHRAE STANDARD 15 REFRIGERANT COMPLIANCE CALCULATION

CONDENSING UNIT	CRITICAL ROOM AREA (FT²)	CRITICAL ROOM CEILING HEIGHT (FT)	CRITICAL ROOM VOLUME (FT³)	MAXIMUM RCL FACTOR FOR R-410A (LB/1000 FT³)	REFRIGERATION CONCENTRATION LIMIT (LBS)	ACTUAL REFRIGERATION CHARGE (LBS)
CU-1	98	8	784	26	20.4	14.3
-	-	-	-	-	-	-

OUTSIDE AIR DESIGN CONDITIONS

OUTSIDE AIR INTAKE CONDITIONS		
SUMMER		WINTER
80°F DB	67°F WB	37°F

INDOOR AIR DESIGN CONDITIONS

MRI ROOM		
SUMMER		WINTER
68°F DB	50% RH	68°F
CONTROL ROOM / EQUIPMENT ROOM		
SUMMER		WINTER
78°F DB	50% RH	68°F
CONDITIONED SPACES		
SUMMER		WINTER
78°F DB	50% RH	68°F

AIR DISTRIBUTION SCHEDULE ①

SYMBOL	SERVICE	DESCRIPTION	NECK SIZE	CFM RANGE	MOUNTING SURFACE	PHOTO	REMARKS	MAX NC LEVEL
A CFM	SUPPLY AIR	4-WAY, MODULAR CORE, PERFORATED FACE, CEILING DIFFUSER	6"Ø	0-95	T-BAR/HARD CEILING		ALUMINUM CONSTRUCTION	25
			8"Ø	95-210				
			10"Ø	210-370				
			12"Ø	370-600				
			14"Ø	600-900				
16"Ø	900-1290							
B CFM	RETURN OR EXHAUST AIR	PERFORATED RETURN / EXHAUST GRILLE	6"Ø	190	T-BAR/HARD CEILING		ALUMINUM CONSTRUCTION	25
			8"Ø	340				
			10"Ø	560				
			12"Ø	890				
			14"Ø	1190				
16"Ø	1610							
C CFM	SUPPLY AIR	4-WAY, MRI COMPATIBLE CEILING DIFFUSER	6"Ø	0-95	T-BAR/HARD CEILING		ALL ALUMINUM CONSTRUCTION	25
			8"Ø	95-210				
			10"Ø	210-370				
			12"Ø	370-600				
			14"Ø	600-900				
16"Ø	900-1290							
D CFM	RETURN OR EXHAUST AIR	PERFORATED, MRI COMPATIBLE RETURN/EXHAUST GRILLE	6"Ø	190	T-BAR/HARD CEILING		ALL ALUMINUM CONSTRUCTION	25
			8"Ø	340				
			10"Ø	560				
			12"Ø	890				
			14"Ø	1190				
16"Ø	1610							
E CFM	TRANSFER AIR	FIXED ANGLE SIDEWALL REGISTER	24x24	-	SIDE WALL		ALL ALUMINUM CONSTRUCTION, 45-DEG FIXED BLADE	N/A
F CFM	SUPPLY AIR	DOUBLE DEFLECTION SIDEWALL DIFFUSER	18x8	-	DUCTWORK		ALL ALUMINUM CONSTRUCTION	N/A

① DIFFUSERS AND GRILLES WITHIN MRI EXAM ROOM SHIELDING SHALL BE MRI COMPATIBLE.

AIR BALANCE TABLE

ZONE	ROOM NAME	AREA (FT ²)	HG (FT)	CMC TABLE 4-A								DESIGN AIRFLOW					
				ROOM DESIGNATION	AIR BALANCE RELATIONSHIP	O.A. (ACH)	O.A. (CFM)	S.A. (ACH)	S.A. (CFM)	E.A. (ACH)	E.A. (CFM)	SA (CFM)	RA (CFM)	EA (CFM)	OA (CFM)	TA (CFM)	AIR BALANCE
RC-1	MRI EXAM ROOM 102	530	8.3	MRI Room	No Requirement for Continuous Directional Control	2	147	6	440	-	-	800	800	0	210	0	EQ
RC-2	CONTROL ROOM 104	116	8.2	Patient Holding Room	No Requirement for Continuous Directional Control	2	32	6	95	-	-	350	0	0	92	350	POSITIVE
RC-3	PATIENT RESTROOM 105	43	8.0	Toilet Room	Negative	-	-	-	-	10	57	0	100	70	0	(170)	NEGATIVE
	OUTPATIENT HOLDING 106	296	8.3	Patient Holding Room	No Requirement for Continuous Directional Control	2	81	6	244	-	-	300	550	0	144	(250)	NEGATIVE
RC-4	INPATIENT HOLDING 107	252	8.3	Patient Holding Room	No Requirement for Continuous Directional Control	2	69	6	208	-	-	270	235	0	71	35	POSITIVE
RC-5	SUBWAITING ROOM 108	141	8.3	Radiology Waiting Room	Negative	2	39	12	233	-	-	120	0	240	63	(120)	NEGATIVE
	ADA DRESSING ROOM 110	45	8.0	-	No Requirement for Continuous Directional Control	-	-	-	-	-	-	25	0	0	7	25	POSITIVE
	DRESSING ROOM 109	26	8.0	-	No Requirement for Continuous Directional Control	-	-	-	-	-	-	25	0	0	7	25	POSITIVE
RC-6	WAITING ROOM 112	116	8.0	Radiology Waiting Room	Negative	2	31	12	186	12	186	270	0	300	79	(30)	NEGATIVE
(E)RC	RADIOLOGY READING ROOM 116	708	8.0	-	No Requirement for Continuous Directional Control	-	-	-	-	-	-	700	700	0	184	0	EQ
(E)RC	(E) CORRIDOR B07	600	7.5	Patient Corridor	No Requirement for Continuous Directional Control	2	150	2	150	-	-	575	900	0	236	(325)	NEGATIVE
(E)RC	(E) HC-1009	65	7.5	Patient Corridor	No Requirement for Continuous Directional Control	-	-	-	-	10	81	150	0	190	50	(40)	NEGATIVE

① BASED ON 26% OSA

TCMC MRI

Tri-City Medical Center

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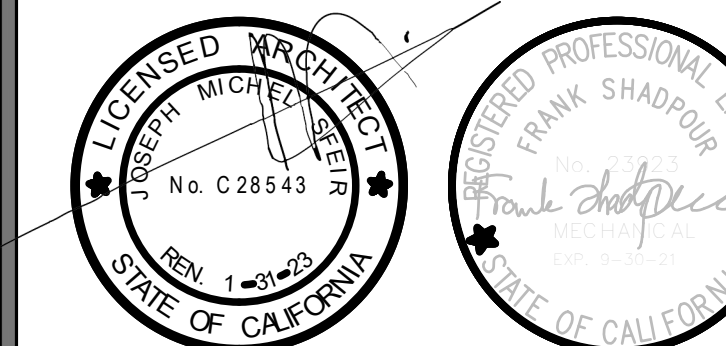
STRUCTURAL: MIYAMOTO INTERNATIONAL, INC.
5550 BALTIMORE DRIVE, SUITE 100
LA MESA, CALIFORNIA 91942
TEL(858)457-3001

MECHANICAL & PLUMBING: SC ENGINEERS, INC.
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△	OSHPD COMMENTS	8/9/2020
△	DESIGN CHANGES	8/10/2020
△	OSHPD COMMENTS	10/2/2020
△	OSHPD COMMENTS	11/24/2020
△	DESIGN CHANGES	11/24/2020
△	ACD 0001 DESIGN CHANGES	4/14/2021

REV.	DESCRIPTION	DATE



OSHPD APPROVAL STAMP:
OSHPD # S200813-37-00-ACD0001

SHEET TITLE:
MECHANICAL AIR BALANCE TABLE

PROJECT TITLE:
TCMC MRI

PROJECT #:
01907.01

DRAWN BY:
SC

CHECKED BY:
JC

SCALE:
AS SHOWN

PER TITLE

DATE:
3/11/2020

M6-03

TCMC MRI

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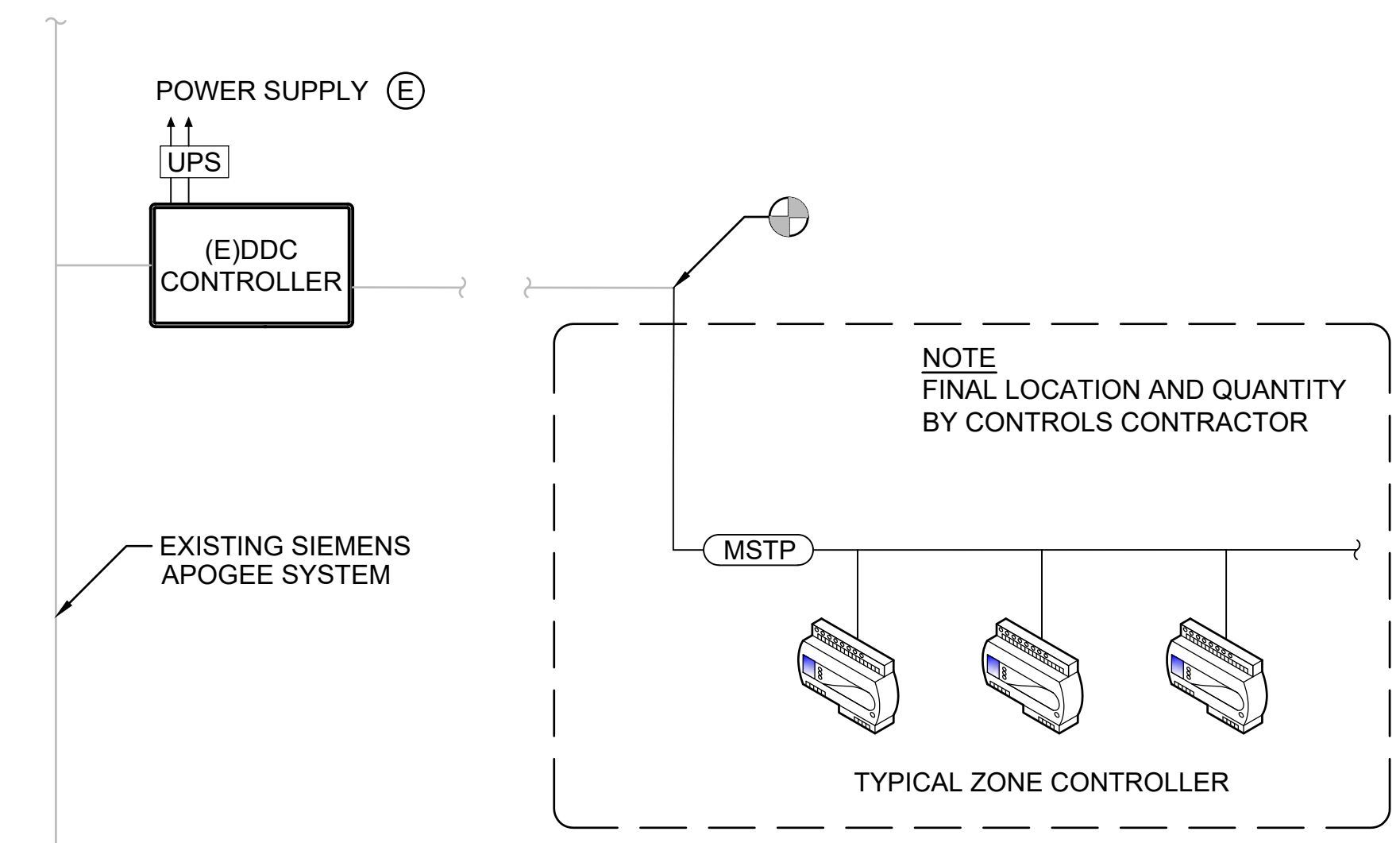
MECHANICAL & PLUMBING: SC ENGINEERS, INC.
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SAN DIEGO, CALIFORNIA 92127
TEL(659)945-0333

ELECTRICAL: AG DESIGN, INC.
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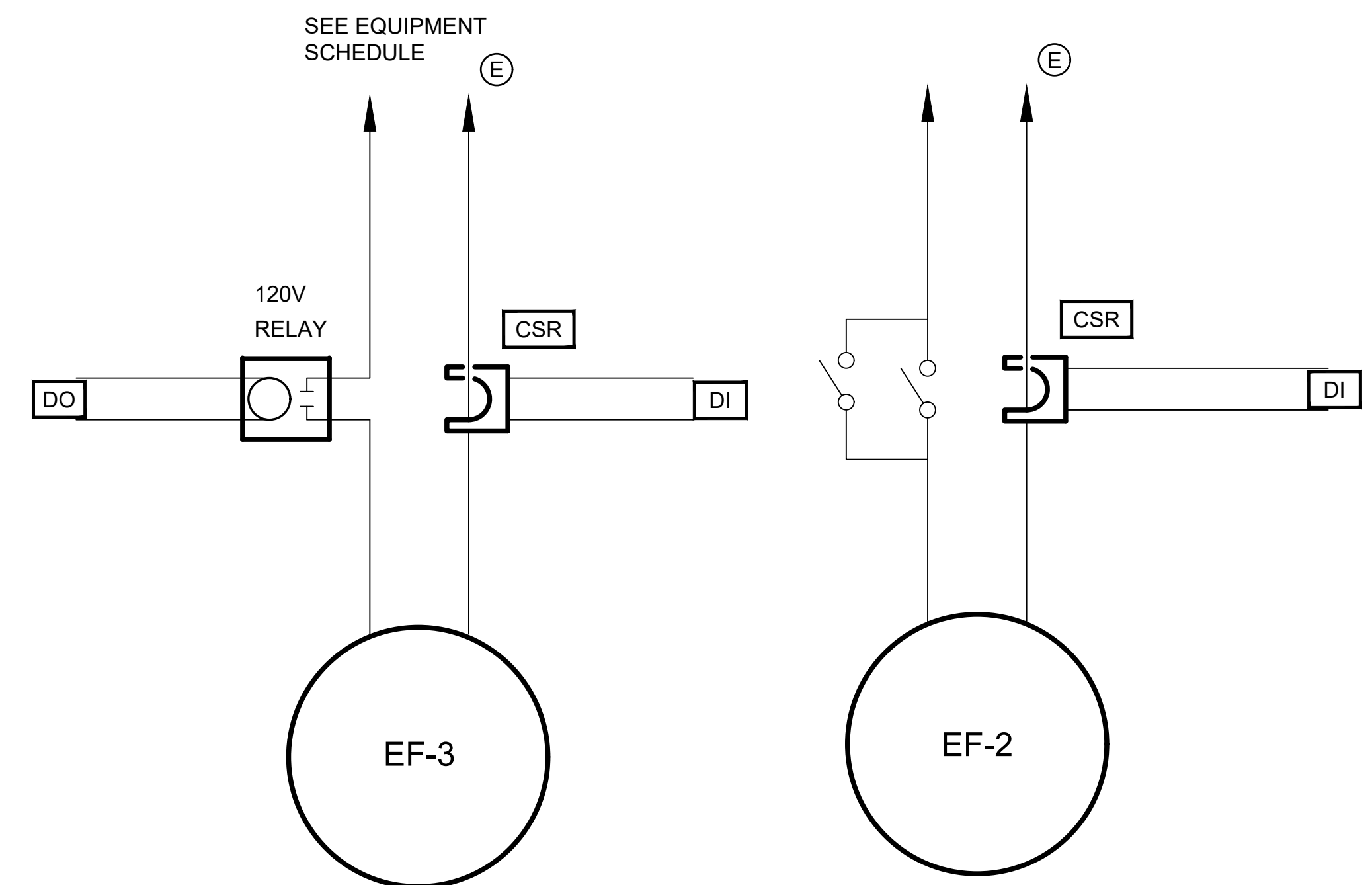
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CONTROLS LEGEND	
SYMBOL	DESCRIPTION
AI	DDC ANALOG INPUT POINT W/ ADJUSTABLE PID GAIN CONTROL
AO	DDC ANALOG OUTPUT POINT W/ ADJUSTABLE PID GAIN CONTROL
DI	DDC DIGITAL INPUT POINT W/ INDICATING LIGHT ON DDC PANEL
DO	DDC DIGITAL OUTPUT POINT W/ MANUAL OVERRIDE AND INDICATING LIGHT ON DDC PANEL
CSR	CURRENT SENSING RELAY
E	COORDINATE WITH ELECTRICAL
T	TEMPERATURE SENSOR
	DAMPER ACTUATOR
	TWO-WAY CONTROL VALVE - VERIFY & PROVIDE A VALVE SCHEDULE
MSTP	MASTER SLAVE / TOKEN PASSING
UPS	UNINTERRUPTIBLE POWER SUPPLY
DDC	DIRECT DIGITAL CONTROL



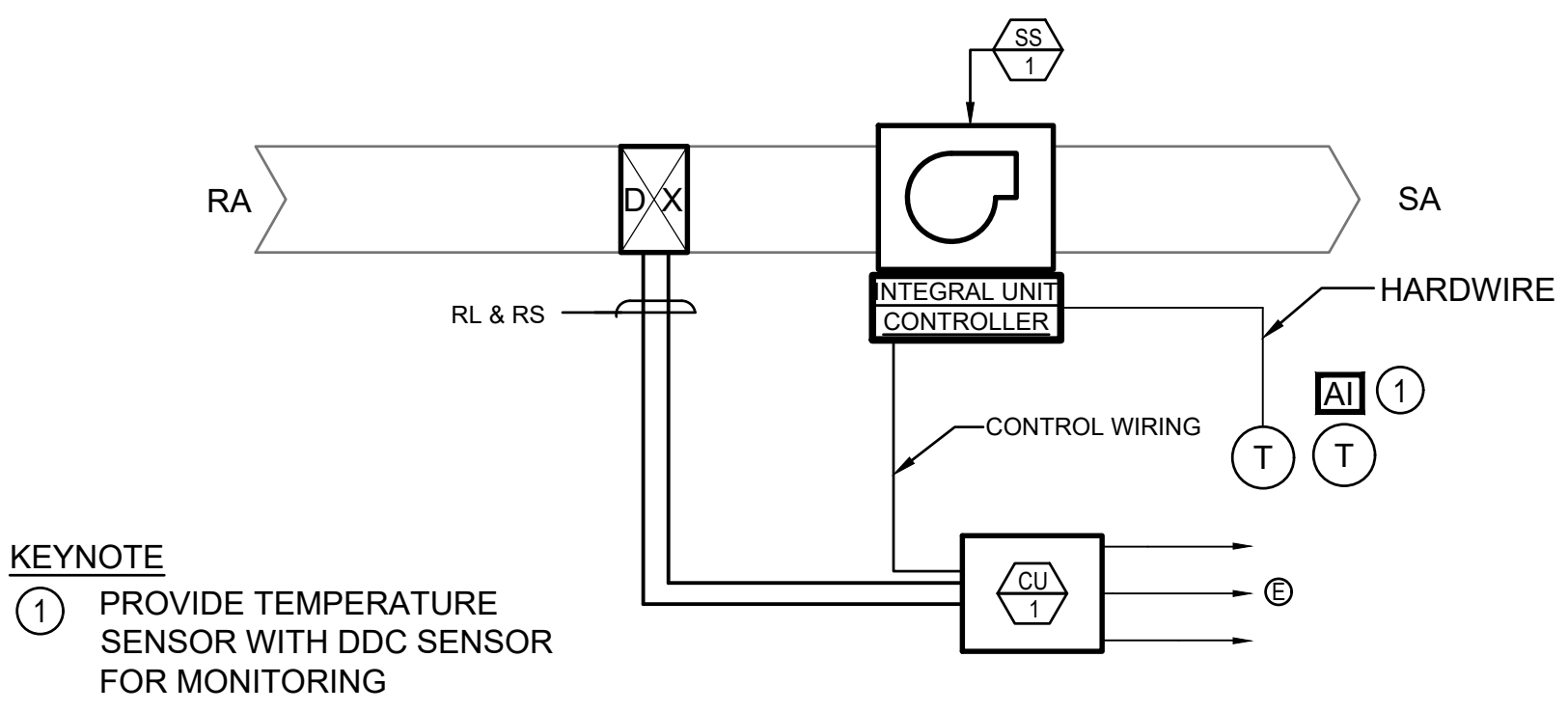
1 DDC SYSTEM ARCHITECTURE
SCALE: NONE



2 EF MOTOR CONTROL
SCALE: NONE

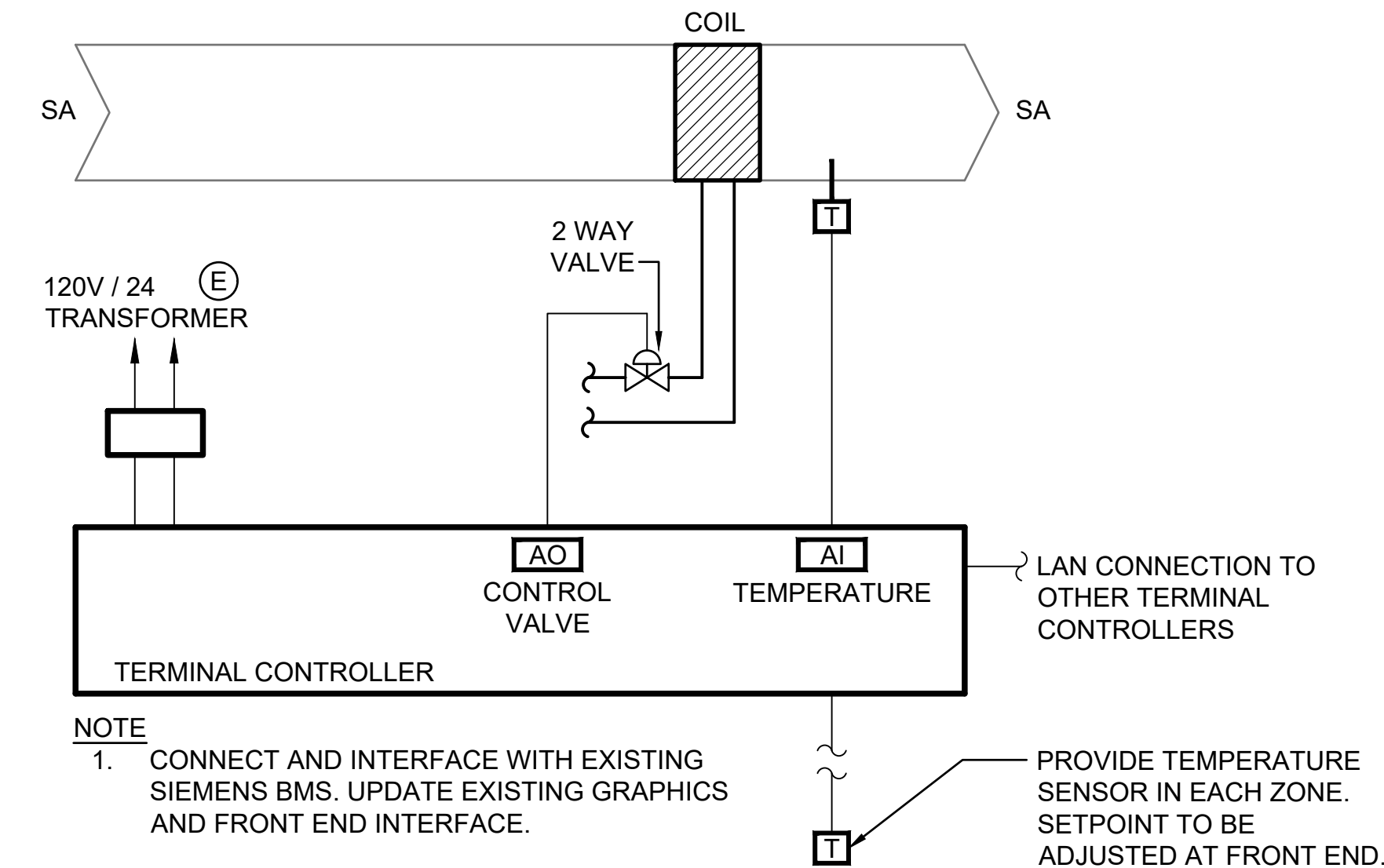
- NOTES
1. THE EXISTING DDC IS SIEMENS APOGEE.
 2. INTEGRATE INTO EXISTING DDC SYSTEM AND UPDATE FRONT-END GRAPHICS.
 3. CONTROL POINTS SHALL FOLLOW LOCAL BUILDING NAMING STANDARDS.
 4. VERIFY LOCATION OF NEAREST DDC CONTROLLER.

- NOTES (EF-2):
1. PROVIDE PARALLEL MANUAL EXHAUST FAN SWITCHES NEAR OPERATOR WORKSPACE AND IN MAGNET ROOM NEAR DOOR.
 2. INTERLOCK WITH RETURN AIR DAMPER AND TRANSFER AIR DAMPER. REFER TO M3-01 FOR LOCATION.



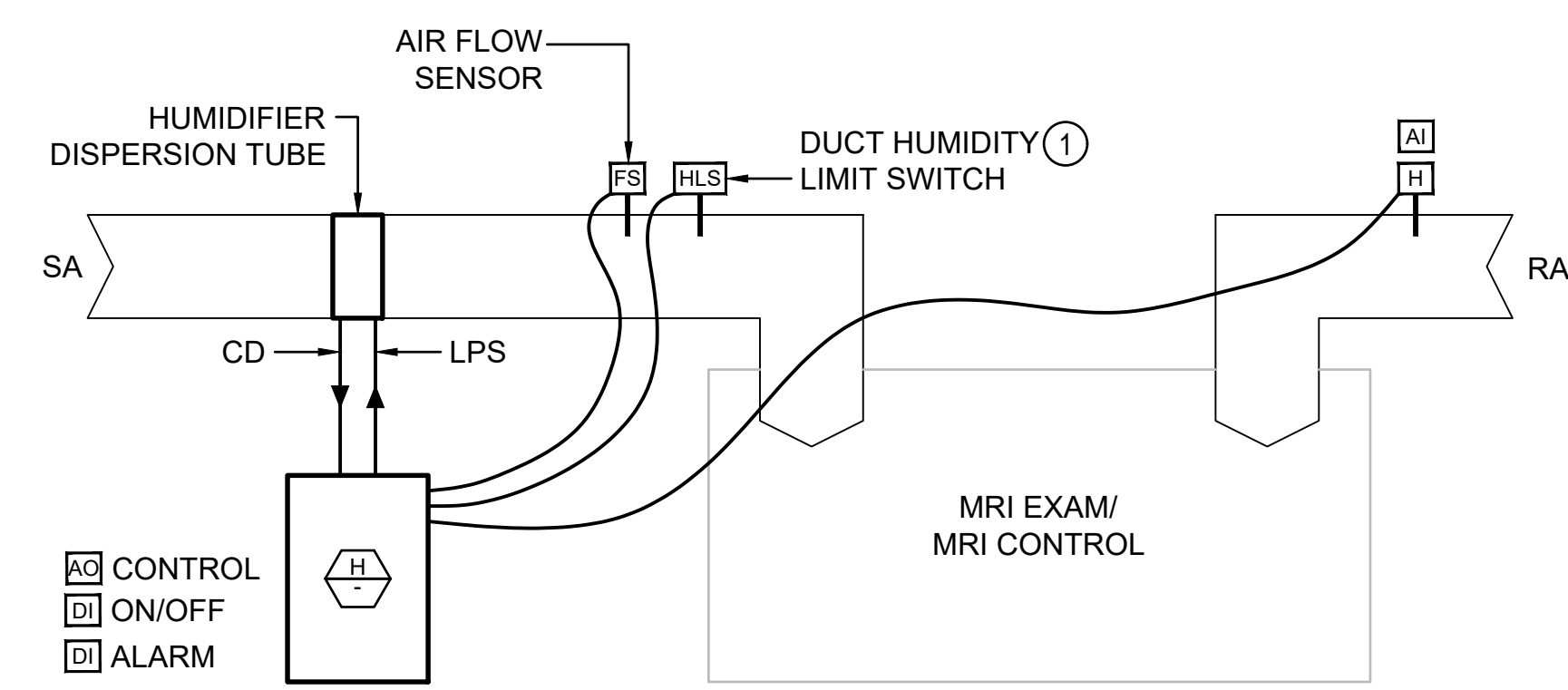
- KEYNOTE
1. PROVIDE TEMPERATURE SENSOR WITH DDC SENSOR FOR MONITORING
- SEQUENCE OF OPERATION
1. SYSTEM SHALL BE ENERGIZED AND PROVIDE SPACE CONDITIONING FOR 24 HOURS PER DAY.
 2. THE UNIT SHALL RUN ON ITS INTEGRAL CONTROLS TO MAINTAIN A 75°F (ADJ.) TEMPERATURE SET POINT.
 3. DDC SYSTEM SHALL VERIFY PROPER OPERATION BY ROOM TEMPERATURE SENSOR. SENSOR SHALL SEND AN ALARM SIGNAL IF ROOM TEMPERATURE DEVIATES 5°F (ADJ.) FROM SETPOINT FOR MORE THAN 10 MINUTES (ADJ.)

3 DX SPLIT SYSTEM UNIT (SS-1)
SCALE: NONE



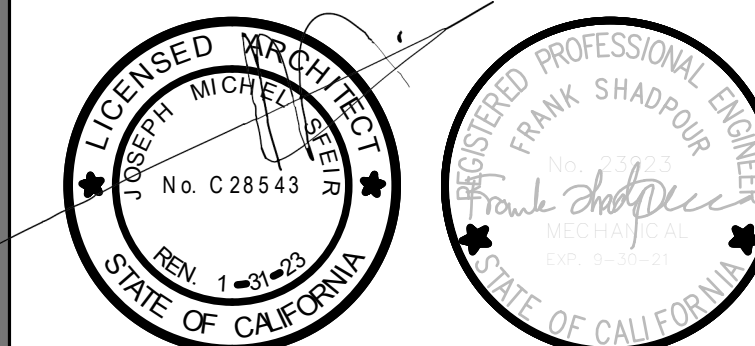
- NOTE
1. CONNECT AND INTERFACE WITH EXISTING SIEMENS BMS. UPDATE EXISTING GRAPHICS AND FRONT END INTERFACE.
- SEQUENCE OF OPERATION:
1. REHEAT VALVE SHALL BE MODULATED TO MAINTAIN THE ROOM TEMPERATURE SETPOINT, SET BY ROOM OCCUPANT LIMITED TO 68°F-78°F (ADJ.)

4 REHEAT CONTROL DIAGRAM
SCALE: NONE



- NOTES:
1. LOCATE PER MANUFACTURER'S RECOMMENDED DISTANCE FROM DISPERSION TUBE.

5 DUCT STEAM HUMIDIFIER CONTROL DETAIL
SCALE: NONE



REV	DESCRIPTION	DATE
△△	OSHPD COMMENTS	8/9/2020
△△	DESIGN CHANGES	8/10/2020
△△	OSHPD COMMENTS	10/2/2020
△△	OSHPD COMMENTS	11/24/2020
△△	DESIGN CHANGES	11/24/2020
△△	ACD 0001 DESIGN CHANGES	4/14/2021



OSHPD APPROVAL STAMP:
OSHPD # S200813-37-00-ACD0001

MECHANICAL CONTROLS

PROJECT TITLE: TCMC MRI
PROJECT #: 01907.01
DRAWN BY: SC
CHECKED BY: JC
SCALE: PER TITLE
DATE: 3/11/2020

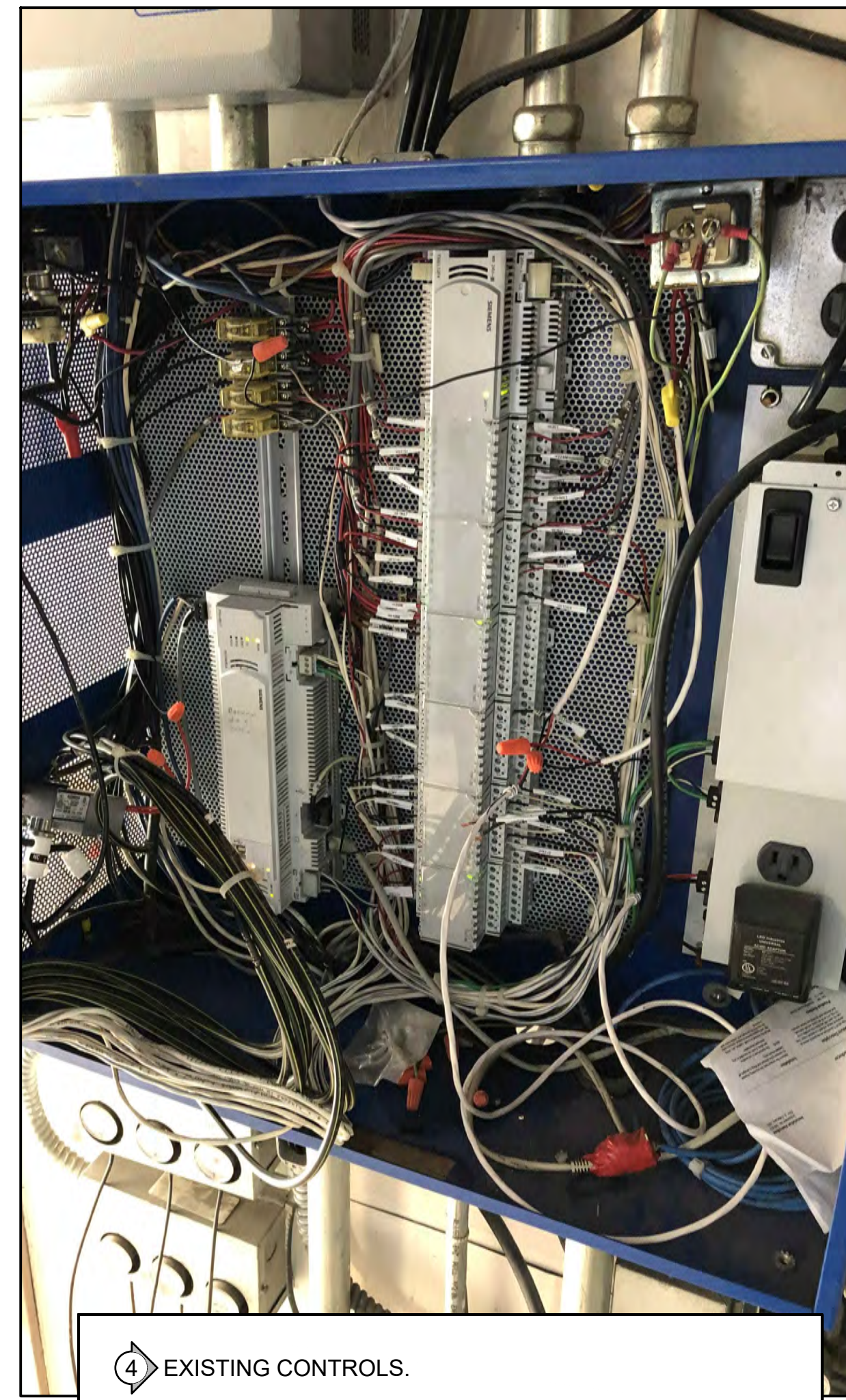
M7-01



10 EXISTING DUCT PENETRATION.



6 PROPOSED CRYOGENIC VENT LOCATION.



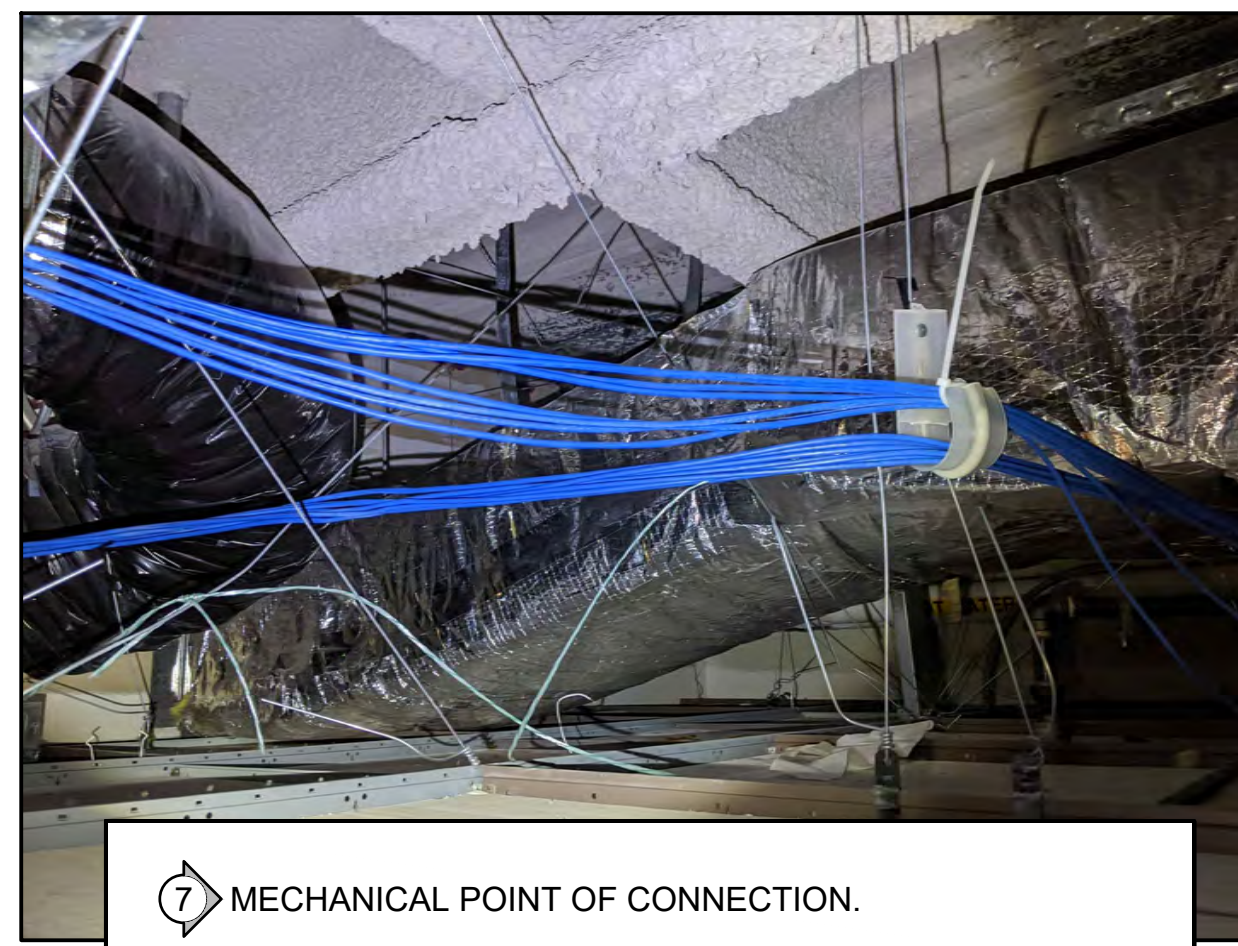
4 EXISTING CONTROLS.



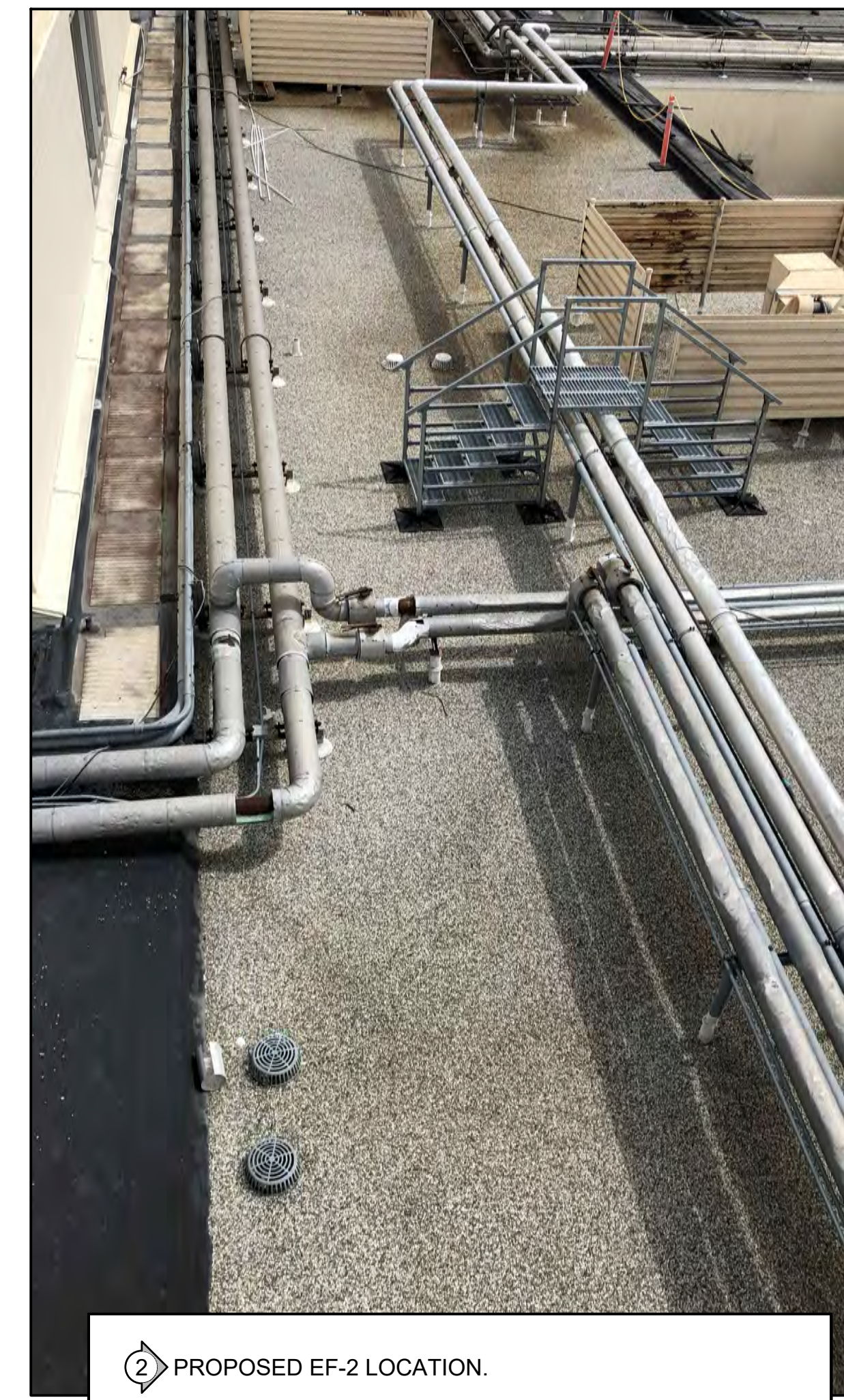
1 EXISTING CORRIDOR DUCTWORK.



11 EXISTING MECHANICAL PIPING.



7 MECHANICAL POINT OF CONNECTION.



2 PROPOSED EF-2 LOCATION.



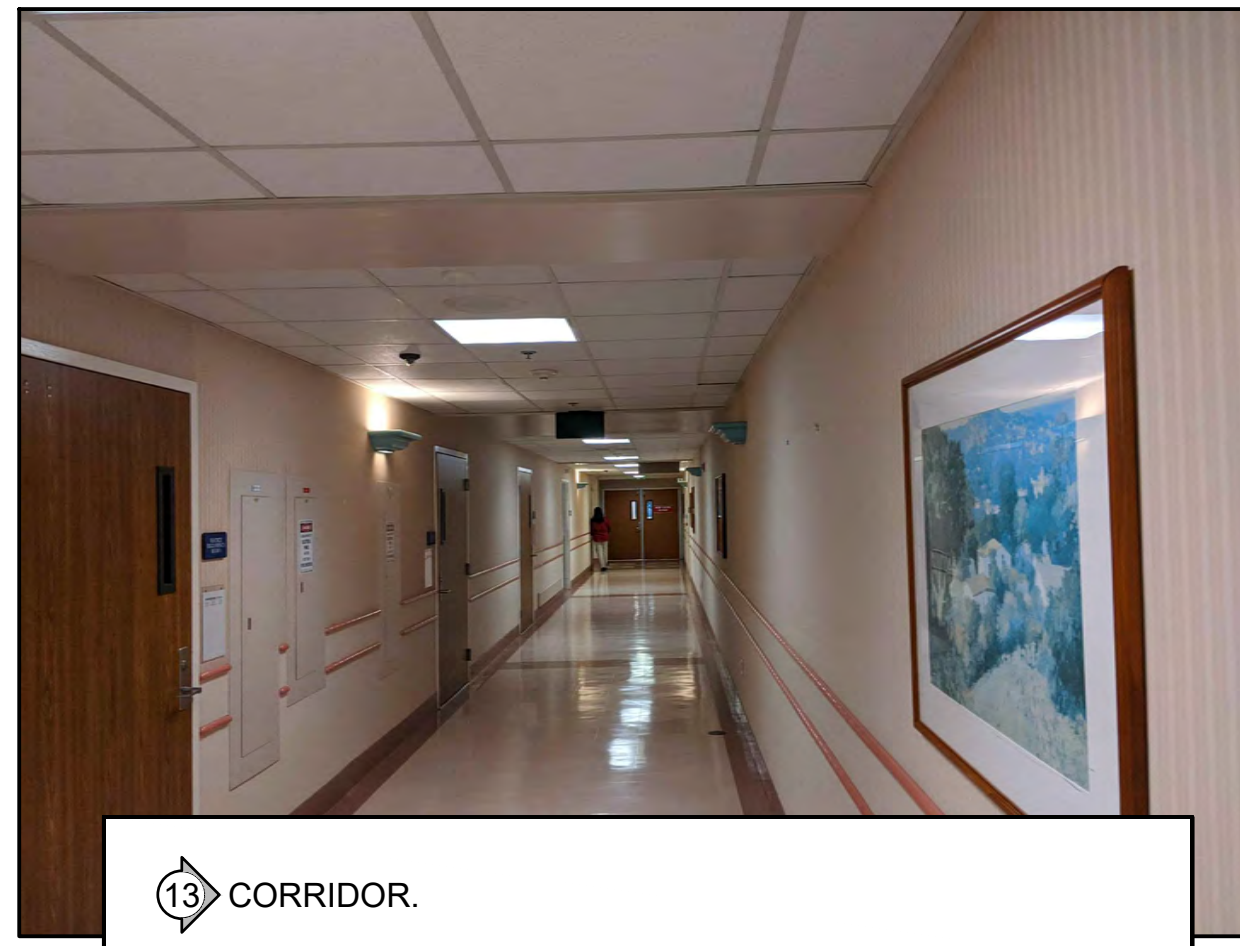
12 EXISTING ZONE CONTROLLER.



8 EXISTING REHEAT COIL.



5 EXISTING EF-1.



13 CORRIDOR.



9 PROPOSED CHILLER LOCATION.

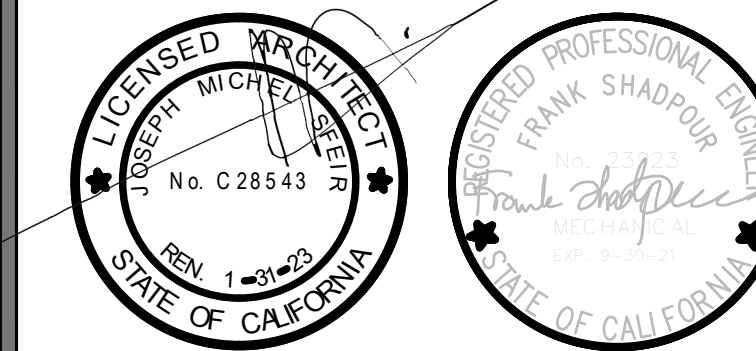


3 PROPOSED EF-3 LOCATION.

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OSHPD COMMENTS	8/9/2020
DESIGN CHANGES	8/10/2020
OSHPD COMMENTS	10/2/2020
OSHPD COMMENTS	11/24/2020
DESIGN CHANGES	11/24/2020
ACD 0001 DESIGN CHANGES	4/14/2021

REV.	DESCRIPTION	DATE

CONSULTANT: Shadpour Consulting Engineers, Inc.

OSHPD APPROVAL STAMP:
OSHPD # S200813-37-00-ACD0001

SHEET TITLE: MECHANICAL PHOTOS

PROJECT TITLE: TCMC MRI
PROJECT #: 01907.01
DRAWN BY: SC
CHECKED BY: JC
SCALE: PER TITLE
DATE: 3/11/2020

SHEET NUMBER: M8-01

PLUMBING LEGEND AND ABBREVIATIONS

ABBREV.	DESCRIPTION	ABBREV.	DESCRIPTION	ABBREV.	DESCRIPTION	ABBREV.	DESCRIPTION
A		F		L		T	
A/C	ABOVE CEILING	F	DEGREES FAHRENHEIT	LAT	LEAVING AIR TEMPERATURE	TDH	TOTAL DEVELOPED HEAD
A/E	ARCHITECT / ENGINEER	FC	FLEXIBLE CONNECTION	LB	POUNDS	THRU	THROUGH
A/G	ABOVE GRADE	FD	FLOOR DRAIN	LBS/HR	POUNDS PER HOUR	TP	TRAP
ABV	ABOVE	FLR	FLOOR	LF	LINEAR FOOT (FEET)	TSP	TOTAL STATIC PRESSURE
AFB	ABOVE FINISHED FLOOR	FM	FLOW METER	LVG	LEAVING	TWU	THRU-WALL UNIT
AFG	ABOVE FINISHED GRADE	FPM	FEET PER MINUTE	LWT	LEAVING WATER TEMPERATURE	TYP	TYPICAL
AMP	AMPERE	FPS	FEET PER SECOND				
AP	ACCESS PANEL	FS	FLOW SWITCH	M		U	
		FT	FEET	MA	MEDICAL COMPRESSED AIR	UNO	UNLESS OTHERWISE NOTED
B		FT WC	FEET OF WATER COLUMN	MAX	MAXIMUM	UTR	UP THROUGH ROOF
B/G	BELOW GRADE	FT-LB	FOOT-POUND	MBH	1,000 BTUH		
BFP	BACKFLOW PREVENTER	G		MCA	MINIMUM BRANCH CIRCUIT	V	
BHP	BRAKE HORSEPOWER	GA	GAUGE	AMPACITY		V	VALVE
BTU	BRITISH THERMAL UNIT	GAL	GALLONS	MIN	MINIMUM	VFD	VARIABLE FREQUENCY DRIVE
BTUH	BRITISH THERMAL UNIT PER HOUR	GPD	GALLONS PER DAY	MV	MEDICAL VACUUM	YSD	VARIABLE SPEED DRIVE
		GPF	GALLONS PER FLUSH	N		VTR	VENT THROUGH ROOF
		GPH	GALLONS PER HOUR	NA	NOT APPLICABLE		
		GPM	GALLONS PER MINUTE	NC	NOISE CRITERIA	W	
		GS	GALVANIZED STEEL	NC	NORMALLY CLOSED	WAG	WASTE ANESTHESIA GAS
				NG	NATURAL GAS	WB	WET-BULB (TEMPERATURE)
				NO	NORMALLY OPEN	WC	WATER COLUMN
				NTS	NOT TO SCALE	WG	WATER GAUGE
						WHA	WATER HAMMER ARRESTOR
C		H		O			
CFH	CUBIC FEET PER HOUR	HB	HOSE BIBB	O	OXYGEN		
CFM	CUBIC FEET PER MINUTE	HP	HORSEPOWER	OD	OUTSIDE DIAMETER		
CFT	CUBIC FEET	HW	HOT WATER	OSD	OVERFLOW STORM DRAIN		
CI	CAST IRON	HWHC	HOT WATER HEATING COIL				
CO	CLEAN OUT	HHWR	HEATING HOT WATER RETURN	P			
CP	CONDENSATE PUMP	HHWS	HEATING HOT WATER SUPPLY	PSI	POUNDS PER SQUARE INCH		
CW	COLD WATER (POTABLE)	HWR	HOT WATER RETURN				
		HZ	HERTZ	R			
				RD	ROOF DRAIN		
D		I		S			
DB	DRY-BULB TEMPERATURE	I/O	INPUT/OUTPUT	SCFM	STANDARD CUBIC FEET PER MINUTE		
DB	DECIBELS	ID	INSIDE DIAMETER	SI	SQUARE INCHES		
DCW	DOMESTIC COLD WATER	IE	INVERT ELEVATION	SQ FT	SQUARE FOOT (FEET)		
DDC	DIRECT DIGITAL CONTROLS	IN	INCHES	SS	STAINLESS STEEL		
DEG	DEGREE	IN HG	INCHES OF MERCURY				
DHW	DOMESTIC HOT WATER	IN WC	INCH WATER COLUMN				
DHWR	DOMESTIC HOT WATER RETURN	IN WG	INCH WATER GAUGE				
DIA	DIAMETER	IN-LB	INCH-POUND				
DN	DOWN	IPLV	INTEGRATED PART LOAD VALUE				
DP	DEW POINT TEMPERATURE						
DGWS	DRAWINGS	K					
		KW	KILOWATT				
		KWH	KILOWATT HOUR				
E							
EA	EACH						
EAT	ENTERING AIR TEMPERATURE						
EER	ENERGY EFFICIENCY RATIO						
EGS	EMERGENCY GAS SHUTOFF						
EJ	EXPANSION JOINT						
ENT	ENTERING						
ESP	EXTERNAL STATIC PRESSURE						
EWT	ENTERING WATER TEMPERATURE						
(E)	EXISTING						

SYMBOL	ABBREVIATION	DESCRIPTION	SYMBOL	ABBREVIATION	DESCRIPTION
		CAPPED LINE		FS	FLOOR SINK
		REMOVE EXISTING EQUIPMENT OR PIPING SHOWN HATCHED		FD	FLOOR DRAIN
	POC	POINT OF CONNECTION		HB	HOSE BIBB
	POD	POINT OF DISCONNECT		FCO	FLOOR CLEAN-OUT
	W	WASTE OR SEWER BELOW SLAB		GCO	GRADE CLEAN-OUT
	W	WASTE OR SEWER ABOVE SLAB		WCO	WALL CLEAN-OUT
	V	SANITARY VENT			SYMBOL, SEE EQUIPMENT SCHEDULE
	CW	COLD WATER			
	HW	HOT WATER			
	HWR	HOT WATER RETURN			
	G	LOW PRESSURE GAS PIPE			
	SD	STORM DRAIN			
	OSD	OVERFLOW STORM DRAIN			
	CD	CONDENSATE DRAIN			
		GATE/GLOBE/BALL/BUTTERFLY VALVE			
	PRV	PRESSURE REDUCING VALVE			
	BV	COMBINATION BALANCING VALVE & SHUT-OFF VALVE			
	U	UNION			
	CV	CHECK VALVE			
		STRAINER			
	CP	CIRCULATION PUMP			
		BALANCING VALVE			
		FLOW SWITCH			
		AQUASTAT			
	TP	TRAP PRIMER			
	WHA	WATER HAMMER ARRESTOR			
	CONT	CONTINUATION			
	DN	DOWN OR DROP			
	UP	RISE OR RISER			
		VALVE ON RISE OR DROP			

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TCMC MRI

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OWNER: TRI-CITY MEDICAL CENTER
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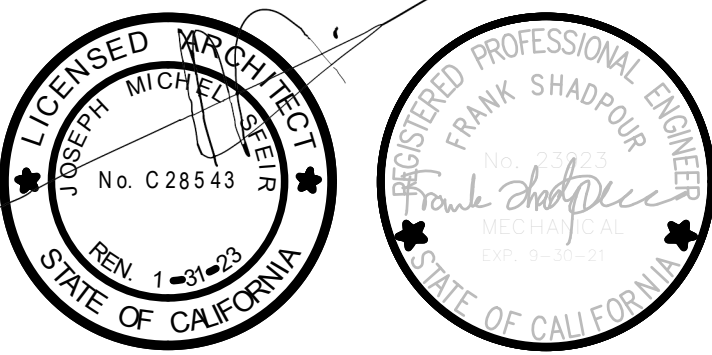
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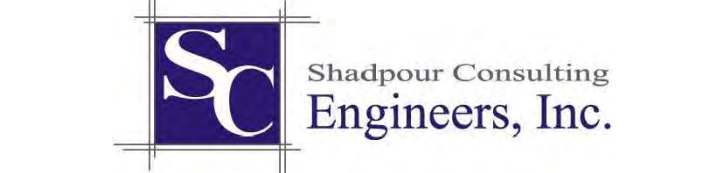
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REV.	DESCRIPTION	DATE
△	OSHPD COMMENTS	8/3/2020
△	DESIGN CHANGES	8/10/2020
△	OSHPD COMMENTS	10/2/2020
△	OSHPD COMMENTS	11/24/2020
△	DESIGN CHANGES	11/24/2020
△	ACD 0001 DESIGN CHANGES	4/14/2021

REV. DESCRIPTION DATE
CONSULTANT



OSHPD APPROVAL STAMP:
OSHPD # S200813-37-00-ACD0001

SHEET TITLE
PLUMBING LEGEND AND ABBREVIATIONS

PROJECT TITLE
TCMC MRI

PROJECT # 01907.01 SHEET NUMBER
DRAWN BY SC
CHECKED BY JC
SCALE:
PER TITLE
DATE: 3/11/2020

P1-01

TCMC MRI

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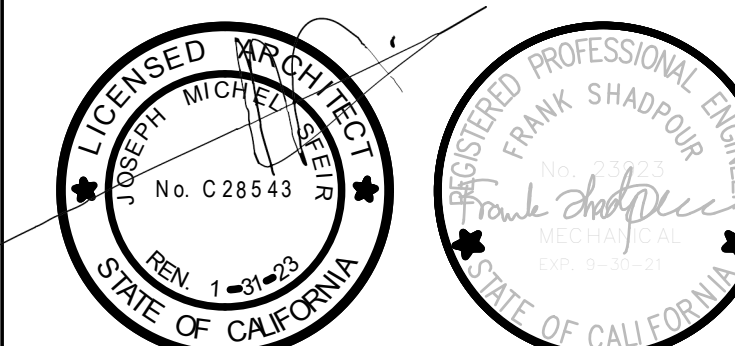
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OSHPD COMMENTS	10/2/2020
OSHPD COMMENTS	11/24/2020
DESIGN CHANGES	11/24/2020
ACD 0001 DESIGN CHANGES	4/14/2021

REV	DESCRIPTION	DATE
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OSHPD APPROVAL STAMP:
OSHPD # S200813-37-00-ACD0001

SHEET TITLE:
PLUMBING GENERAL NOTES

PROJECT TITLE:
TCMC MRI

PROJECT #:
01907.01

DRAWN BY:
SC

CHECKED BY:
JC

SCALE:
PER TITLE

DATE:
3/11/2020

P1-02

OSHPD NOTES

- PIPES AND CONDUITS SHALL BE SUPPORTED AND BRACED PER OSHPD ANCHORAGE PRE-APPROVAL NO. OPM-0043-13 (MASON INDUSTRIES GUIDELINES FOR SEISMIC RESTRAINTS OF MECHANICAL AND PLUMBING SYSTEMS) OR OTHER OSHPD PRE-APPROVED GUIDELINES.
- IN ADDITION TO THE REQUIREMENTS SPECIFIED ELSEWHERE, THE FOLLOWING GUIDELINES SHALL BE ADHERED TO:
 - ALL DUCT, PIPE, AND CONDUIT SHALL HAVE A MINIMUM OF TWO (2) TRANSVERSE AND ONE (1) LONGITUDINAL SEISMIC RESTRAINT IN EVERY RUN.
 - LONGITUDINAL AND TRANSVERSE RESTRAINT SHALL OCCUR AT INTERVALS SPECIFIED BY STRUCTURAL ENGINEER, MECHANICAL ENGINEER, AND SHALL NOT EXCEED THE SPACING SPECIFIED IN SMACNA AND PRE-APPROVED SYSTEM.
 - SPECIFY AND USE ONLY ONE PRE-APPROVED SYSTEM.
- THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS TO CONSTRUCT THE BUILD-OUT IN ACCORDANCE WITH THE CALIFORNIA BUILDING STANDARDS CODE, TITLES 19 AND 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY CONDITIONS DEVELOP NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH TITLE 24, CALIFORNIA CODE OF REGULATIONS, A CHANGE ORDER, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY OSHPD BEFORE PROCEEDING WITH THE WORK.
- "SHOP DRAWINGS, SHOWING THE BRACING/SUPPORT LOCATIONS AND REFERENCES TO DETAILS FROM THE RELEVANT OSHPD PRE-APPROVALS FOR PIPING/DUCTS/CONDUITS EXCEPT FIRE SPRINKLERS, NEED TO BE REVIEWED AND ACCEPTED BY THE AOR AND EOR (SE AND ME) PRIOR TO STARTING INSTALLATION OF THE BRACING/SUPPORT. IOR SHALL ENSURE THE ABOVE REQUIREMENTS ARE SATISFIED."

PROJECT NOTES

- NEITHER WATER NOR DRAINAGE PIPING WILL BE LOCATED OVER ELECTRICAL WIRING OR EQUIPMENT UNLESS ADEQUATE PROTECTION AGAINST WATER (INCLUDING CONDENSATION) DAMAGE HAS BEEN PROVIDED. INSULATION ALONE IS NOT ADEQUATE PROTECTION AGAINST CONDENSATION.

EXISTING BUILDING NOTES

- ALL ITEMS TO BE REMOVED AND RELOCATED OR REPLACED SHALL BE HANDLED WITH PROPER CARE AND STORED IN A SAFE PLACE TO PREVENT DAMAGE; OR BE REPLACED AT THE CONTRACTOR'S EXPENSE.
- WHEN INSTALLING DRILLED ANCHORS OR POWDER DRIVEN PINS INTO EXISTING REINFORCED CONCRETE, USE CARE TO AVOID CUTTING OR DAMAGING THE REINFORCING BARS.
- FOR EXISTING FLOORS, CEILINGS, PARTITIONS, AND SERVICES TO REMAIN, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL FINISHES AND MATERIALS AND REPAIRING OR REPLACING ALL ITEMS THAT ARE DAMAGED OR SOILED DURING THE COURSE OF CONSTRUCTION.

GENERAL NOTES

- THESE DRAWINGS ARE A GENERAL GRAPHIC PRESENTATION OF THE WORK. PIPING, AND EQUIPMENT, AS SHOWN, ARE SCHEMATIC. FABRICATE AND INSTALL BASED ON ACTUAL FIELD MEASUREMENT. COORDINATE WITH OTHER TRADES. PROVIDE A COMPLETE SET OF COORDINATED SHOP DRAWINGS REFLECTING ACTUAL DIMENSIONS, ACCESS REQUIREMENTS, AND DETAILS BASED UPON THE ACTUAL EQUIPMENT PROCURED. SHOP DRAWINGS SHALL BE FULLY COORDINATE WITH OTHER TRADES INCLUDING BUT NOT LIMITED TO ARCHITECTURAL, CIVIL, STRUCTURAL, ELECTRICAL, MECHANICAL, FIRE PROTECTION AND SEISMIC PRIOR TO SUBMITTAL. WORK SHALL NOT COMMENCE UNTIL SHOP DRAWINGS HAVE BEEN FULLY REVIEWED AND APPROVED. MAINTAIN AN UP TO DATE SET OF AS-BUILT DRAWINGS AT THE JOB SITE.
- NO PLUMBING SHALL BE INSTALLED UNTIL ALL REQUIRED PLUMBING PLAN CHECK PERMITS AND APPROVALS HAVE BEEN OBTAINED FROM ALL REQUIRED AGENCIES.
- LAVATORY FAUCETS, SINK FAUCETS (NOT INCLUDING SERVICE SINK FAUCETS OR FAUCETS DESIGNATED AS INSTITUTIONAL) SHALL MEET THE FLOW REQUIREMENTS OUTLINED IN THE APPLIANCE EFFICIENCY STANDARDS.
- COORDINATE WITH THE ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF PLUMBING FIXTURES AND DRAINS.
- PROVIDE ALL TAILPIECES, TRAPS, STOPS, SUPPLY PIPES TO LAVATORIES DESIGNED AS ACCESSIBLE, WITH PREFORMED INSULATION JACKET.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CUTTING AND PATCHING OF WALLS, ROOFS, FOOTINGS, FLOORS, INCLUDING ALL SAW CUTTING AND CORE DRILLING. COORDINATE ALL SAW CUTTING AND CORE DRILLING WITH STRUCTURAL DRAWINGS. ANY CUTTING AND DRILLING REQUIRED OF STRUCTURAL ELEMENTS THAT IS NOT SPECIFICALLY SHOWN ON THE PLANS SHALL BE BROUGHT TO THE ARCHITECTS ATTENTION PRIOR TO CUTTING AND DRILLING. CONTRACTOR SHALL SUBMIT PROPOSED LOCATION AND SIZES OF SUCH CUTTING AND DRILLING FOR THE ARCHITECTS AND STRUCTURAL ENGINEERS APPROVAL.
- COORDINATE ALL EQUIPMENT LOCATIONS, PIPE PENETRATIONS AND EQUIPMENT PAD LOCATIONS WITH STRUCTURAL DRAWINGS PRIOR TO WORK.
- COORDINATE INSTALLATION OF ALL EQUIPMENT AND PIPING WITH OTHER TRADES PRIOR TO INSTALLATION. ENSURE THAT ALL CONTROL DEVICES, SHUT-OFF VALVES, ETC. ARE ACCESSIBLE FOR MAINTENANCE. WHERE ACCESS PANELS IN FINISHED SPACES, OTHER THAN THAT SHOWN, CONTRACTOR SHALL PROVIDE AND COORDINATE EXACT LOCATION OF PANELS WITH ARCHITECT PRIOR TO INSTALLATION.
- ANY STRUCTURAL FIREPROOFING DAMAGED DURING INSTALLATION OF PLUMBING EQUIPMENT, PIPING, ETC. SHALL BE REPAIRED AT NO COST TO THE OWNER. REPAIRS SHALL BE AS DIRECTED BY THE ARCHITECT.
- PROVIDE ESCUTCHEON PLATES AT ALL EXPOSED TO VIEW CEILING AND WALL PENETRATIONS.
- CONFORM TO ALL APPLICABLE LOCAL, STATE, FEDERAL AND HEALTH AUTHORITY CODES.
- CROSS CONNECTION PROTECTION SHALL BE PROVIDED AT ALL POTABLE WATER SUPPLIED APPLIANCES AND EQUIPMENT (OTHER THAN THOSE LISTED IN INFORMATION BULLETIN 103).
- THE CONTRACTOR SHALL COORDINATE ALL DIMENSIONS, SERVICES AND CLEARANCES PRIOR TO START OF WORK.
- PROVIDE WATER HAMMER ARRESTORS TO ABSORB HIGH PRESSURES RESULTING FROM QUICK ACTING VALVES (SECTION 609.10 CPC)

TABLE 4-2 - MINIMUM PLUMBING FIXTURES

SPACE	HANDWASHING FIXTURE	SCRUB SINKS	TOILET	BATHTUBS OR SHOWERS	SERVICE SINKS	CLINIC SINKS	PROVIDED
RADIOLOGICAL/IMAGING SERVICES SPACE	1	-	1	-	-	-	PATIENT RESTROOM 105: WATER CLOSET, LAVATORY. OUTPATIENT HOLDING 106: ACCESSIBLE SINK
WAITING AREA/ROOM	1	-	1	-	-	-	(E)MALE TOILET 369: (2)EXISTING WATER CLOSETS, (3)EXISTING URINALS, (3)EXISTING LAVATORIES, (1)LAVATORY. (E)FEMALE TOILET 373: (4)EXISTING WATER CLOSETS, (3)EXISTING LAVATORIES.
(E) STAFF TOILET - MALE	1	-	1:1-15	-	-	-	(E)STAFF TOILET: (2)EXISTING WATER CLOSETS, (1)URINAL, (3)EXISTING LAVATORIES.
(E) STAFF TOILET - FEMALE	1	-	1: 1-15	-	-	-	(E)STAFF TOILET: (3)EXISTING WATER CLOSETS (3)EXISTING LAVATORIES.

PLUMBING FACILITIES

PER CPC TABLE A
GROUP B OCCUPANT LOAD FACTOR = 200 S.F.
B OCCUPANCY AT LEVEL: 3,610 SF
OCCUPANTS: 19

MAX STAFF PER DAY - 10 OCCUPANTS

TOTAL = 19 + 10 = 29 OCCUPANTS

15 MALE + 15 FEMALE

PER CPC TABLE 422.1
I-2 INSTITUTIONAL OCCUPANCY
EMPLOYEE USE, WATER CLOSETS REQUIRED:
1 MALE + 1 FEMALE

TCMC MRI

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GENERAL NOTES

- EXISTING CONDITIONS ARE BASED UPON INFORMATION OBTAINED FROM AVAILABLE AS-BUILT DRAWINGS AND LIMITED NON-DESTRUCTIVE FIELD INVESTIGATIONS. PERFORM A FULL SITE SURVEY WITHIN 30 DAYS OF COMMENCEMENT OF WORK. SURVEY SHALL BE ALL INCLUSIVE OF ALL AREAS WITHIN THE SCOPE OF WORK AND BEYOND AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM. NOTIFY OWNER IF CONDITIONS THAT DIFFER FROM DESIGN ARE IDENTIFIED THAT WILL IMPACT THE PROJECT.
- UTILITY SERVICES TO THE BUILDING SHALL NOT BE INTERRUPTED UNLESS APPROVED BY THE OWNER. PROVIDE MINIMUM 2 WEEK NOTIFICATION IN ADVANCE OF UTILITY OUTAGES.

KEY NOTES

- DEMOLISH SANITARY PIPING AS REQUIRED TO ACCOMMODATE MRI SHIELDING.

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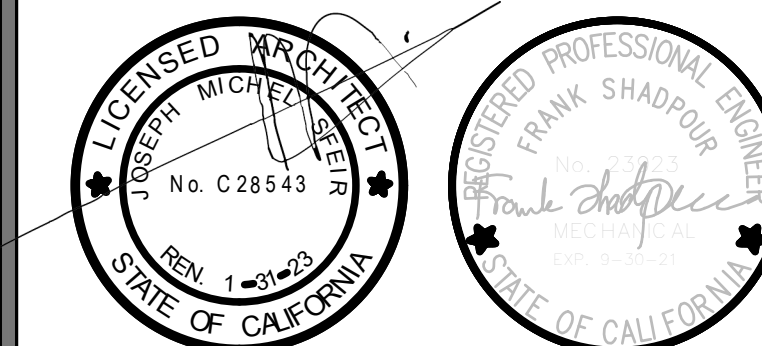
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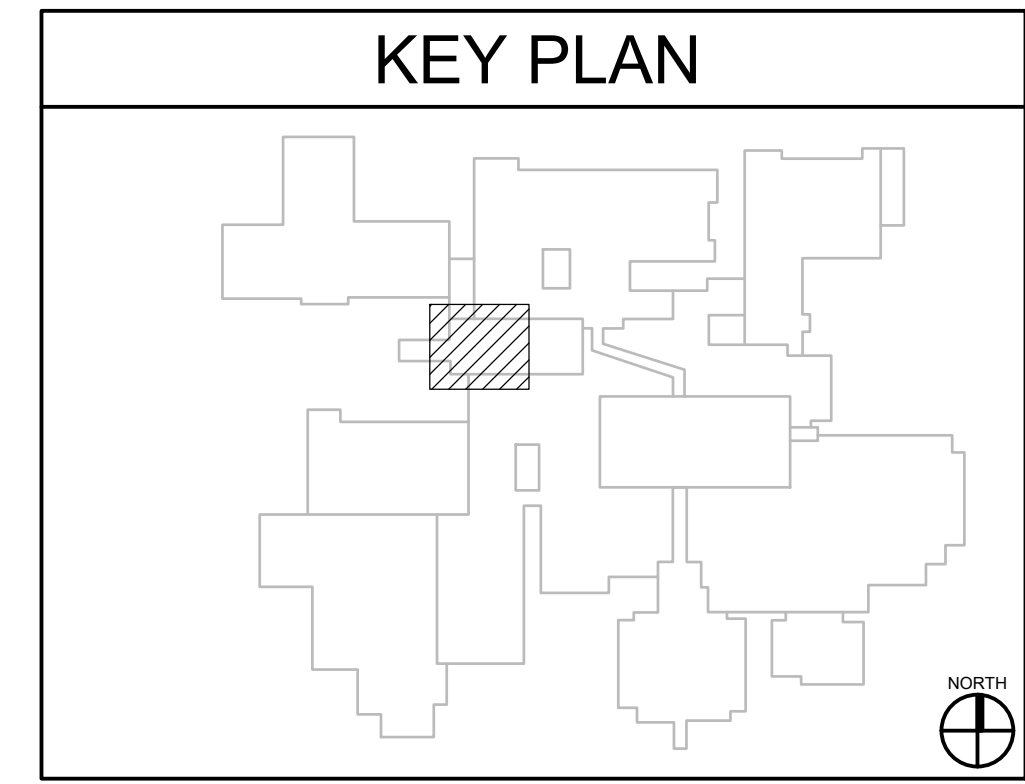
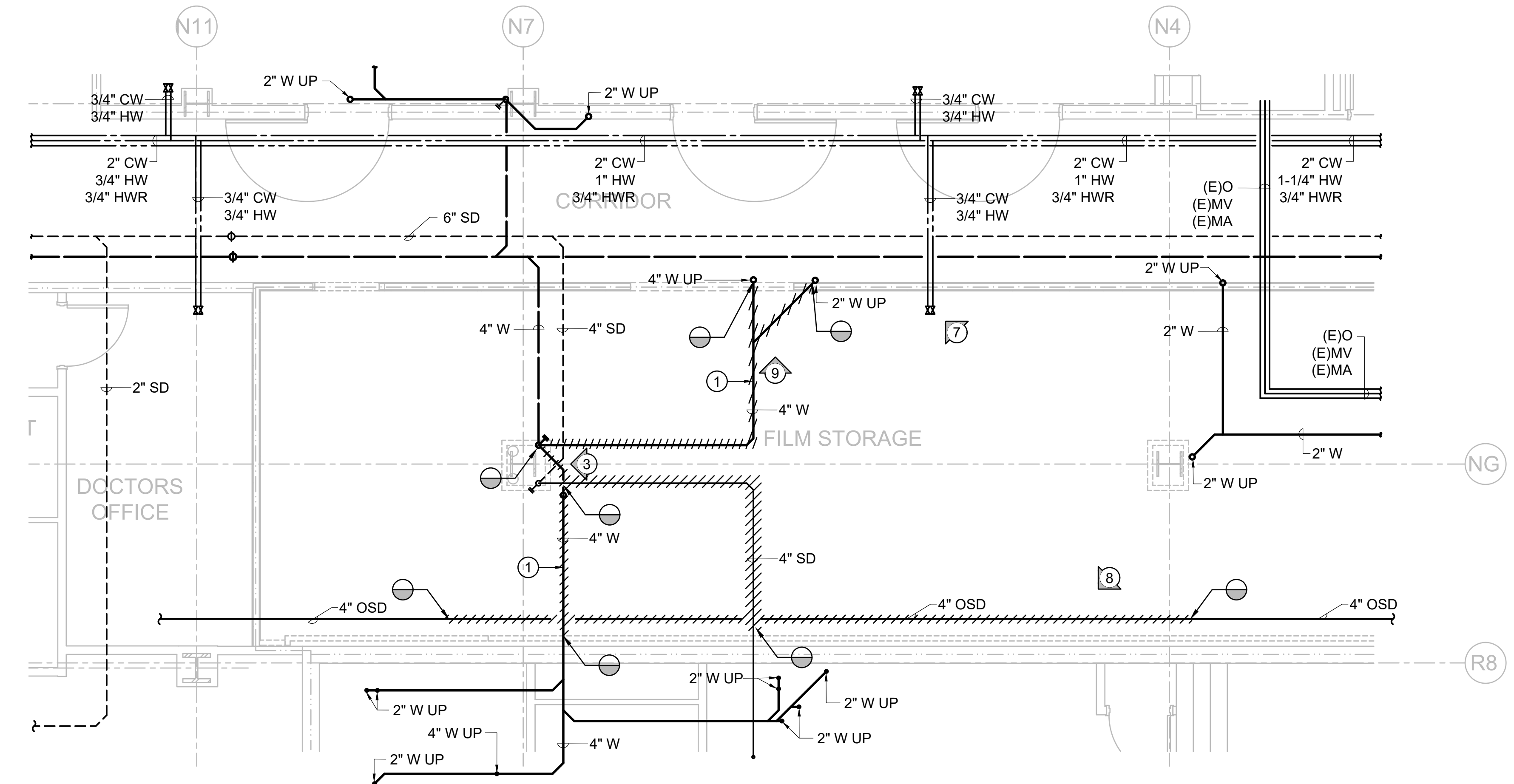
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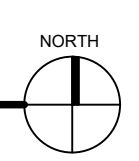
OSHPD COMMENTS	8/9/2020
DESIGN CHANGES	8/10/2020
OSHPD COMMENTS	10/2/2020
OSHPD COMMENTS	11/24/2020
DESIGN CHANGES	11/24/2020
ACD 0001 DESIGN CHANGES	4/14/2021

REV.	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:
OSHPD # S200813-37-00-ACD0001



1 PLUMBING DEMOLITION PLAN - AREA A
1/8" = 1'-0"



SHEET TITLE:
PLUMBING DEMOLITION PLAN - AREA A

PROJECT TITLE:
TCMC MRI

PROJECT #:
01907.01

PROJECT NUMBER:

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SC

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SCALE:

PER TITLE:

DATE:
3/11/2020

P2-01

TCMC MRI

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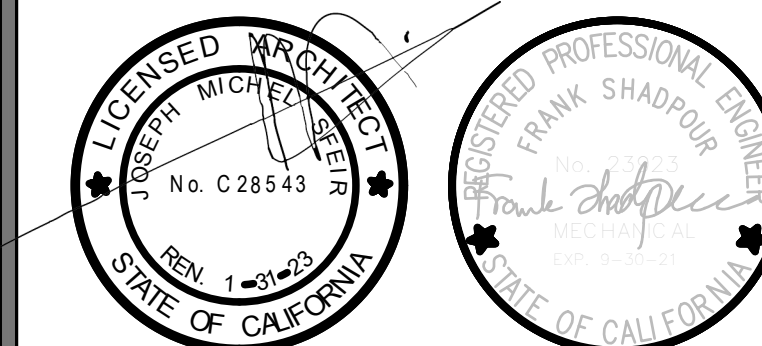
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3	OSHPD COMMENTS	10/2/2020
4	OSHPD COMMENTS	11/24/2020
5	DESIGN CHANGES	11/24/2020
6	ACD 0001 DESIGN CHANGES	4/14/2021

REV	DESCRIPTION	DATE



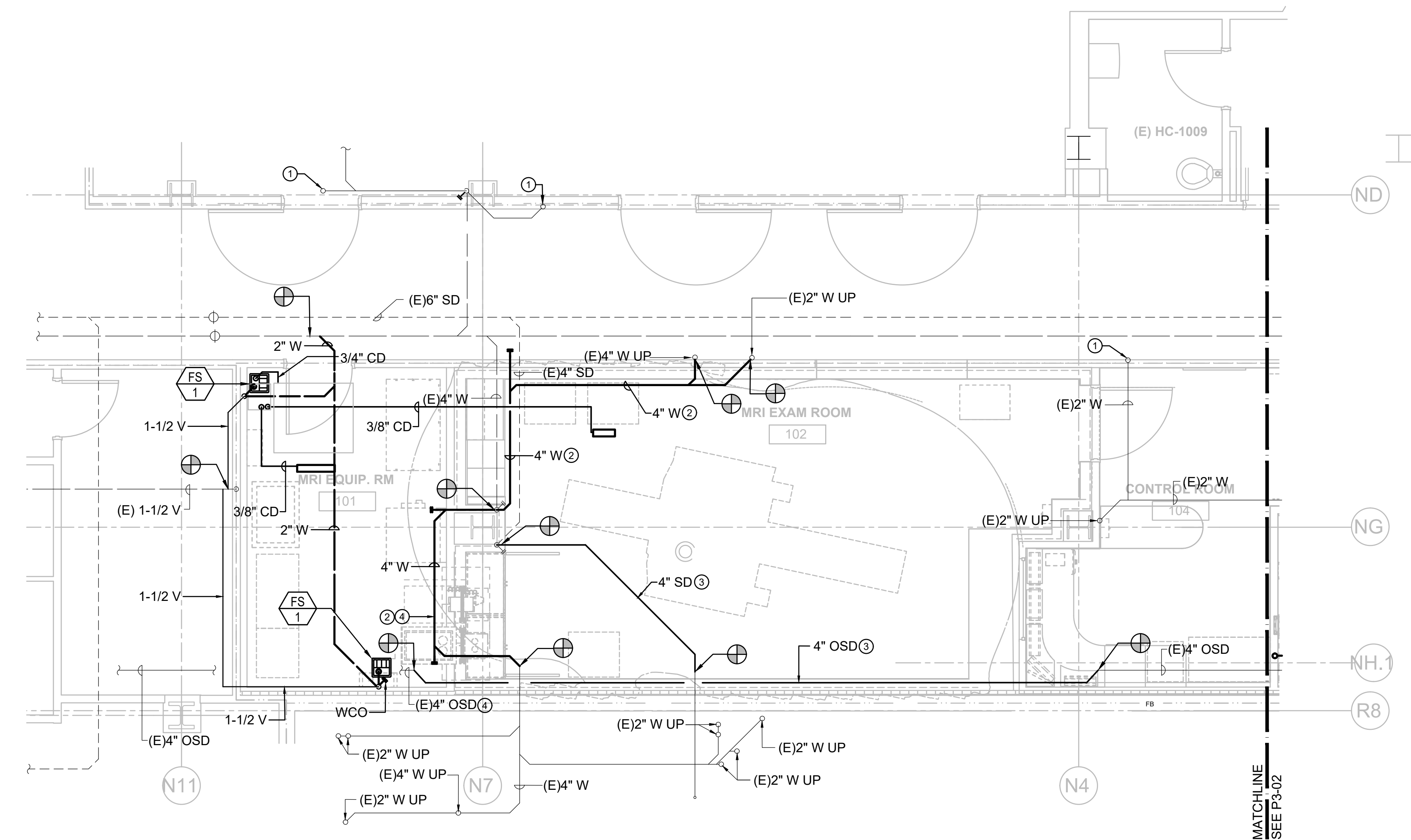
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GENERAL NOTES

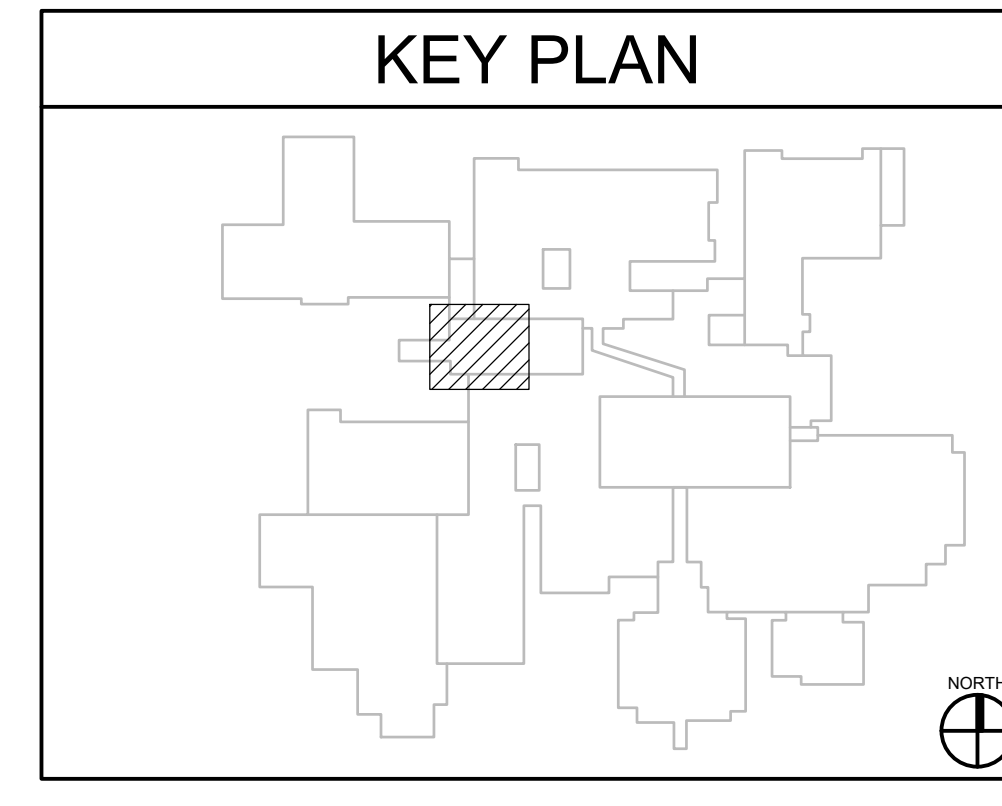
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KEY NOTES

- (E)2" WASTE UP.
- REROUTE SANITARY PIPING AS REQUIRED TO ACCOMMODATE ADDITIONAL CEILING SPACE. PROVIDE NON-FERROUS PIPING FOR ALL PIPING BELOW RF ENCLOSURE.
- PROVIDE NON-FERROUS STORM DRAIN PIPING FOR PIPING BELOW RF ENCLOSURE.
- PROVIDE DRIP PAN



1 PLUMBING PLAN - WASTE AND VENT AREA A
1/4" = 1'-0"



SHEET TITLE:
PLUMBING PLAN - WASTE AND VENT AREA A

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TCMC MRI

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01907.01

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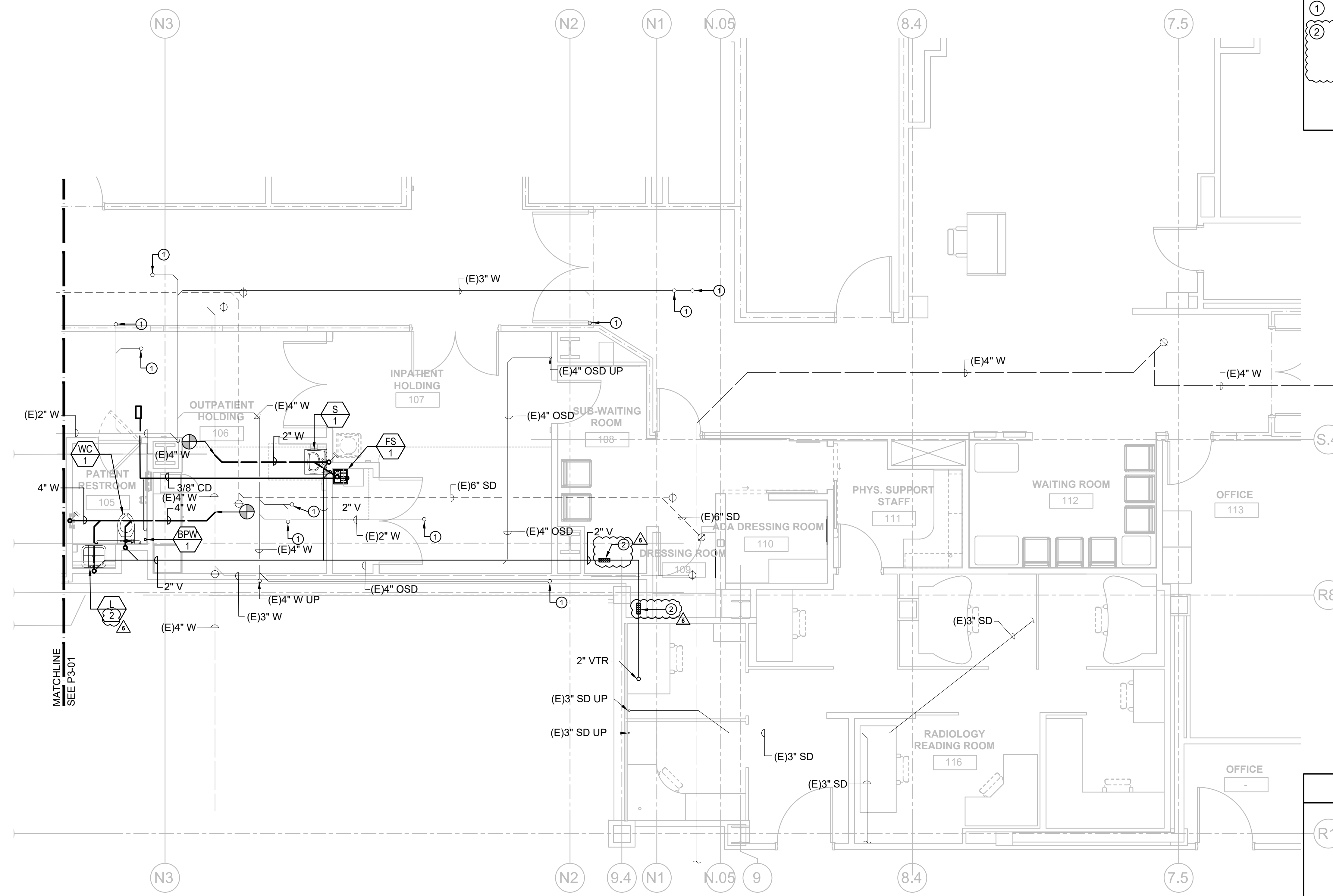
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GENERAL NOTES

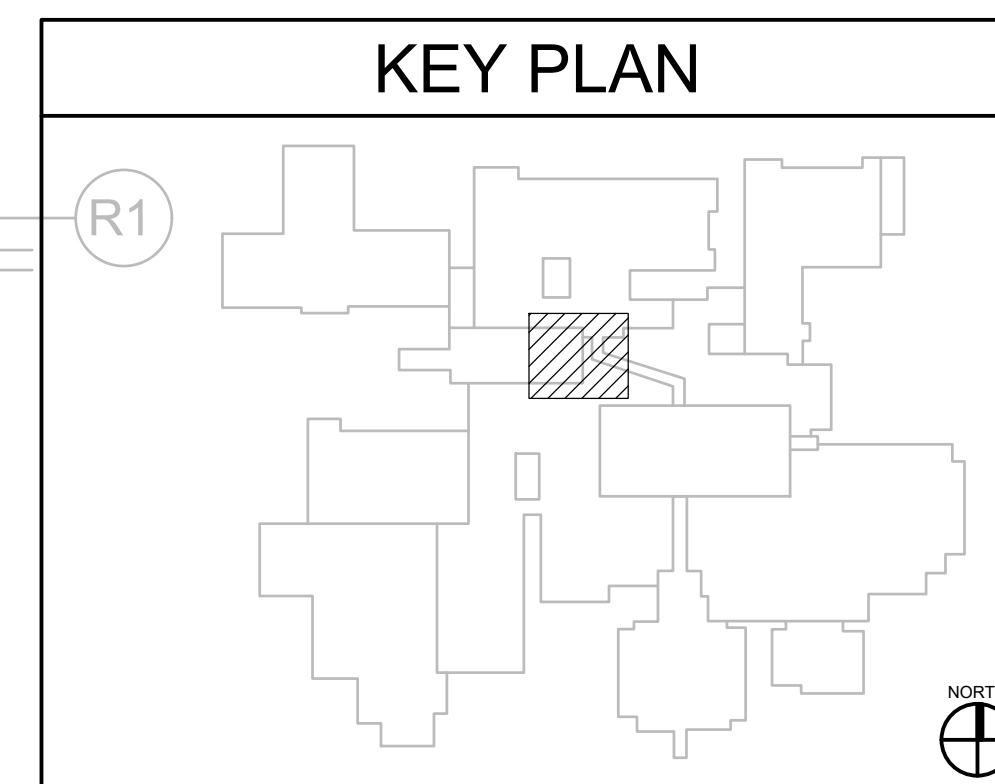
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KEY NOTES

- (E)2" W UP
- PROVIDE FLEXIBLE PIPE CONNECTION ACROSS SEISMIC SEPARATION. PROVIDE ADEQUATE SLACK TO ALLOW FOR MOVEMENT IN ANY DIRECTION. REFER TO 6/P-501 FOR DETAIL.



1 PLUMBING PLAN - WASTE AND VENT AREA B
1/4" = 1'-0"



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6	ACD 0001 DESIGN CHANGES	4/14/2021

REV	DESCRIPTION	DATE

CONSULTANT: Shadpour Consulting Engineers, Inc.

OSHPD APPROVAL STAMP:
OSHPD # S200813-37-00-ACD0001

SHEET TITLE:
PLUMBING PLAN - WASTE AND VENT AREA B

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P3-02

TCMC MRI

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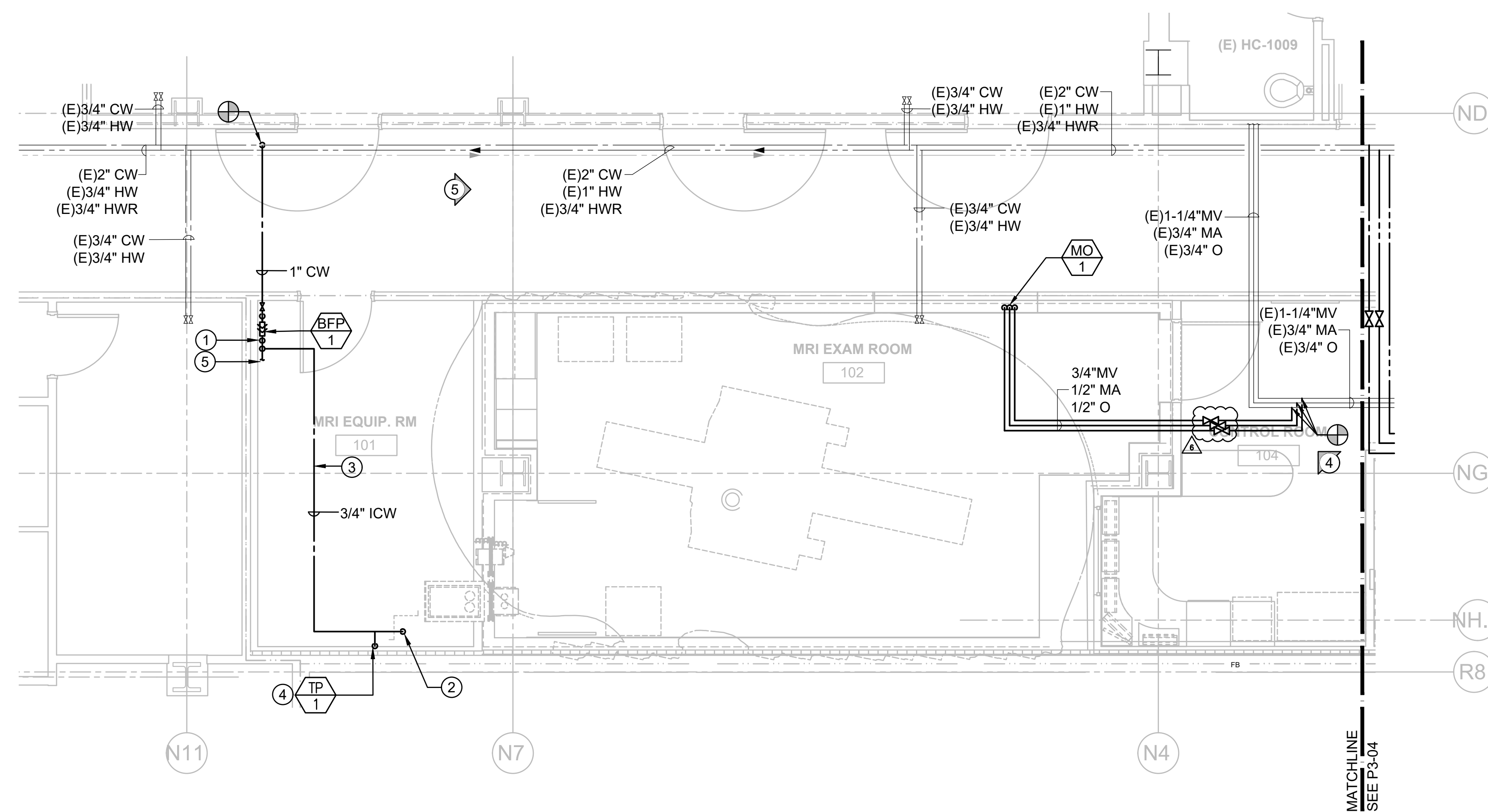
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GENERAL NOTES

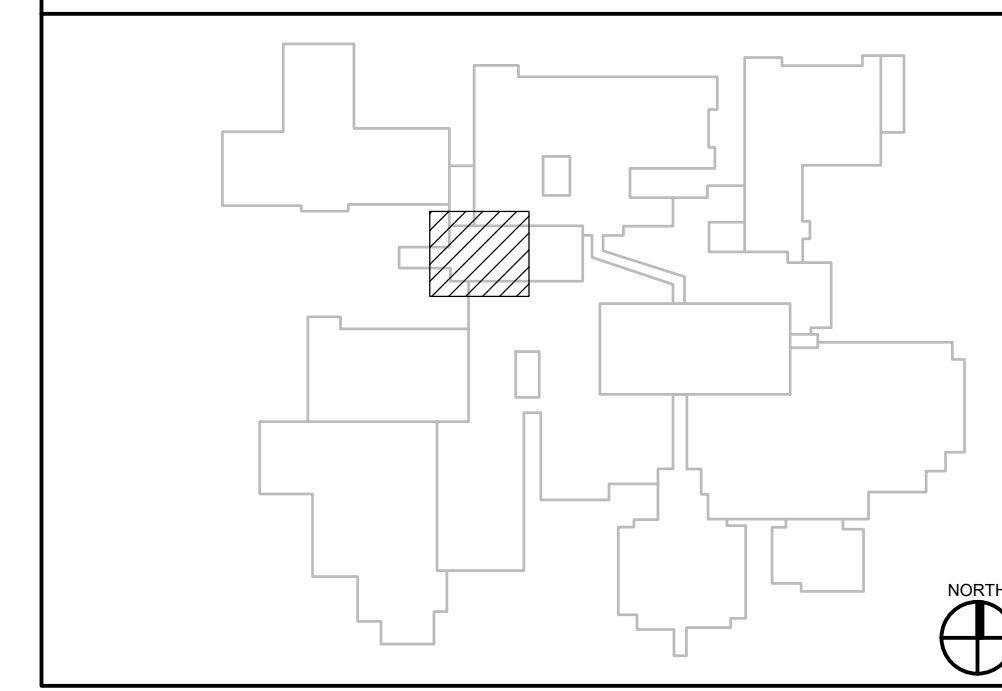
- EXISTING CONDITIONS ARE BASED UPON INFORMATION OBTAINED FROM AVAILABLE AS-BUILT DRAWINGS AND LIMITED NON-DESTRUCTIVE FIELD INVESTIGATIONS. PERFORM A FULL SITE SURVEY WITHIN 30 DAYS OF COMMENCEMENT OF WORK. SURVEY SHALL BE ALL INCLUSIVE OF ALL AREAS WITHIN THE SCOPE OF WORK AND BEYOND AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM. NOTIFY OWNER IF CONDITIONS THAT DIFFER FROM DESIGN ARE IDENTIFIED THAT WILL IMPACT THE PROJECT.
- UTILITY SERVICES TO THE BUILDING SHALL NOT BE INTERRUPTED UNLESS APPROVED BY THE OWNER. PROVIDE MINIMUM 2 WEEK NOTIFICATION IN ADVANCE OF UTILITY OUTAGES.

KEY NOTES

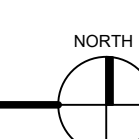
- PROVIDE 1/2" ICW TO HUMIDIFIERS H-1 & H-2.
- PROVIDE CONNECTION TO MANUAL WATER BACKUP SYSTEM.
- PROVIDE DRIP PAN.
- PROVIDE 1/2" TP LINE TO TRAP PRIMER INLET CONNECTION AT FLOOR SINK. REFER TO 3/P5-01 FOR DETAILS.
- PROVIDE MAKE-UP WATER TO GE CHW LOOP.



KEY PLAN



1 PLUMBING PLAN - PRESSURE PIPING AREA A
1/4" = 1'-0"



REV	DESCRIPTION	DATE
△	OSHPD COMMENTS	8/9/2020
△	DESIGN CHANGES	8/10/2020
△	OSHPD COMMENTS	10/2/2020
△	OSHPD COMMENTS	11/24/2020
△	DESIGN CHANGES	11/24/2020
△	ACD 0001 DESIGN CHANGES	4/14/2021

REV	DESCRIPTION	DATE



OSHPD APPROVAL STAMP:
OSHPD # S200813-37-00-ACD0001



SHEET TITLE:
PLUMBING PLAN - PRESSURE PIPING AREA A

PROJECT TITLE:
TCMC MRI

PROJECT #:
01907.01

DRAWN BY:
SC

CHECKED BY:
JC

SCALE:
PER TITLE

DATE:
3/11/2020

SHEET NUMBER:
P3-03

TCMC MRI

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OWNER: TRI-CITY MEDICAL CENTER
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ARCHITECT: SFEIR ARCHITECTS
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STRUCTURAL: MIYAMOTO INTERNATIONAL, INC.
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MECHANICAL & PLUMBING: SC ENGINEERS, INC.
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TEL(659)945-0333

ELECTRICAL: AG DESIGN, INC.
171 S. ANITA DR. SUITE 111
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TEL(714)769-9500

SHIELDING: MRI SHIELDING CORPORATION
3554 BUSINESS PARK DR., SUITE B
COSTA MESA, CA 92626
TEL(714)545-7700

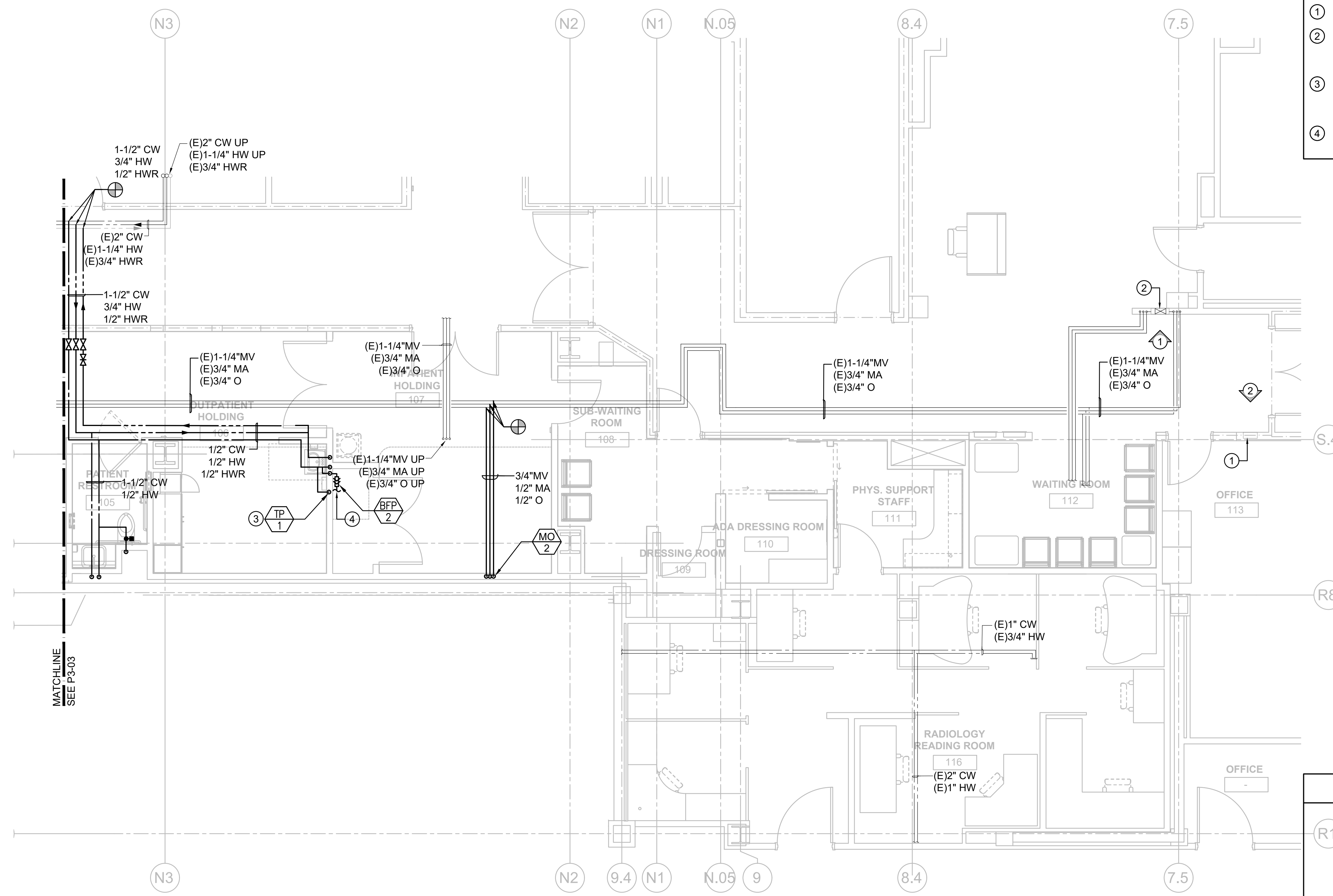
INTERIORS: ISLEY DESIGN & PLANNING
1982 PALSERO AVENUE
ESCONDIDO, CA 92029
TEL(760)484-0455

GENERAL NOTES

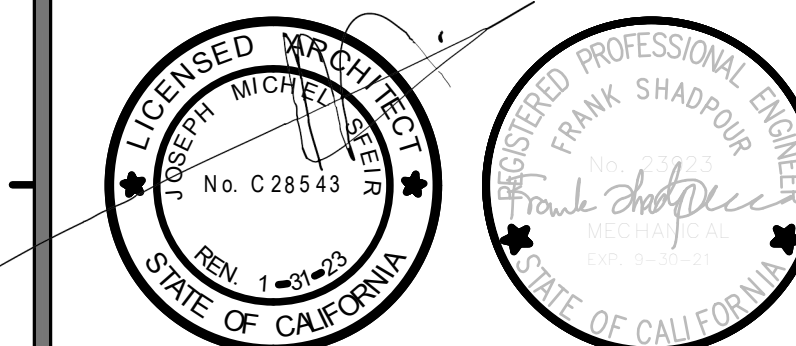
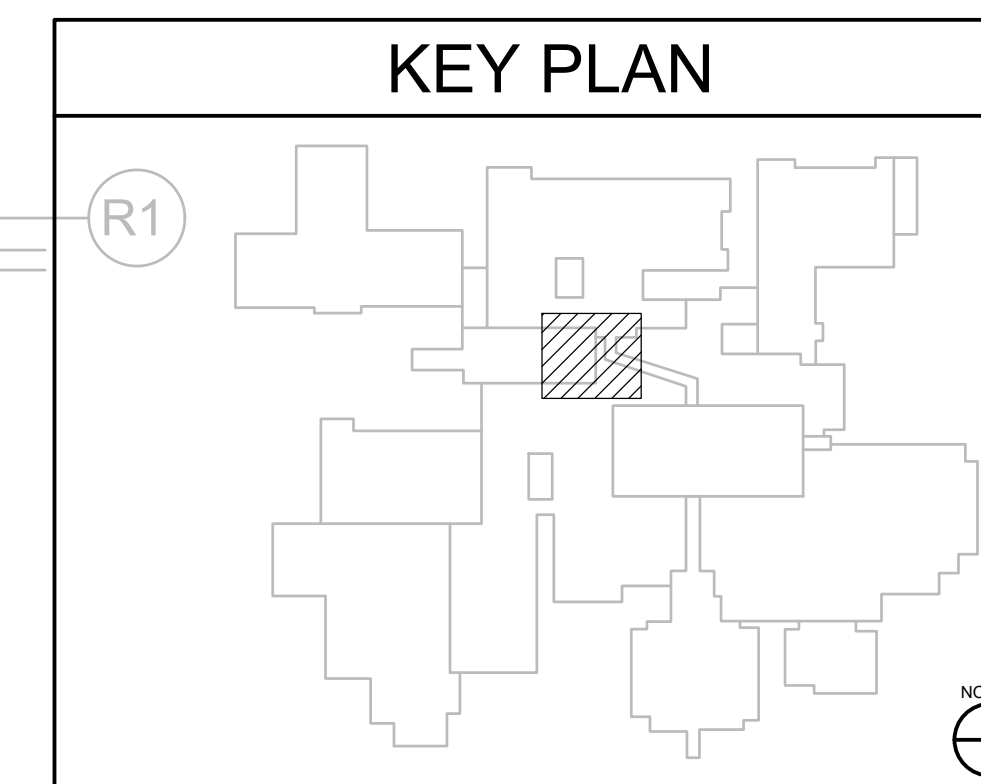
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KEY NOTES

- (E)MEDICAL GAS ALARM PANEL.
- (E)MEDICAL GAS SHUTOFF VALVE PANEL. RE-LABEL TO REFLECT "MRI EXAM ROOM" CONTROLLED BY VALVES PER NFPA 99.
- PROVIDE 1/2" TP LINE TO TRAP PRIMER INLET CONNECTION AT FLOOR SINK. REFER TO 3/P5-01 FOR DETAILS.
- PROVIDE 1/2" ICW CONNECTION TO H-3.



1 PLUMBING PLAN - PRESSURE PIPING AREA B
1/4" = 1'-0"



REV	DESCRIPTION	DATE
1	OSHPD COMMENTS	8/3/2020
2	DESIGN CHANGES	8/10/2020
3	OSHPD COMMENTS	10/2/2020
4	OSHPD COMMENTS	11/24/2020
5	DESIGN CHANGES	11/24/2020
6	ACD 0001 DESIGN CHANGES	4/14/2021

REV: DESCRIPTION: DATE:

CONSULTANT:

SC Shadpour Consulting Engineers, Inc.

OSHPD APPROVAL STAMP:
OSHPD # S200813-37-00-ACD0001

SHEET TITLE:
PLUMBING PLAN - PRESSURE PIPING AREA B

PROJECT TITLE:
TCMC MRI

PROJECT #:
01907.01

DRAWN BY:
JC

CHECKED BY:
JC

SCALE:
PER TITLE

DATE:
3/11/2020

P3-04

TCMC MRI

Tri-City Medical
Center
4002 VISTA WAY
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OWNER: TRI-CITY MEDICAL CENTER
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MECHANICAL & PLUMBING: SC ENGINEERS, INC.
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ELECTRICAL: AG DESIGN, INC.
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SHIELDING: MRI SHIELDING CORPORATION
3554 BUSINESS PARK DR., SUITE B
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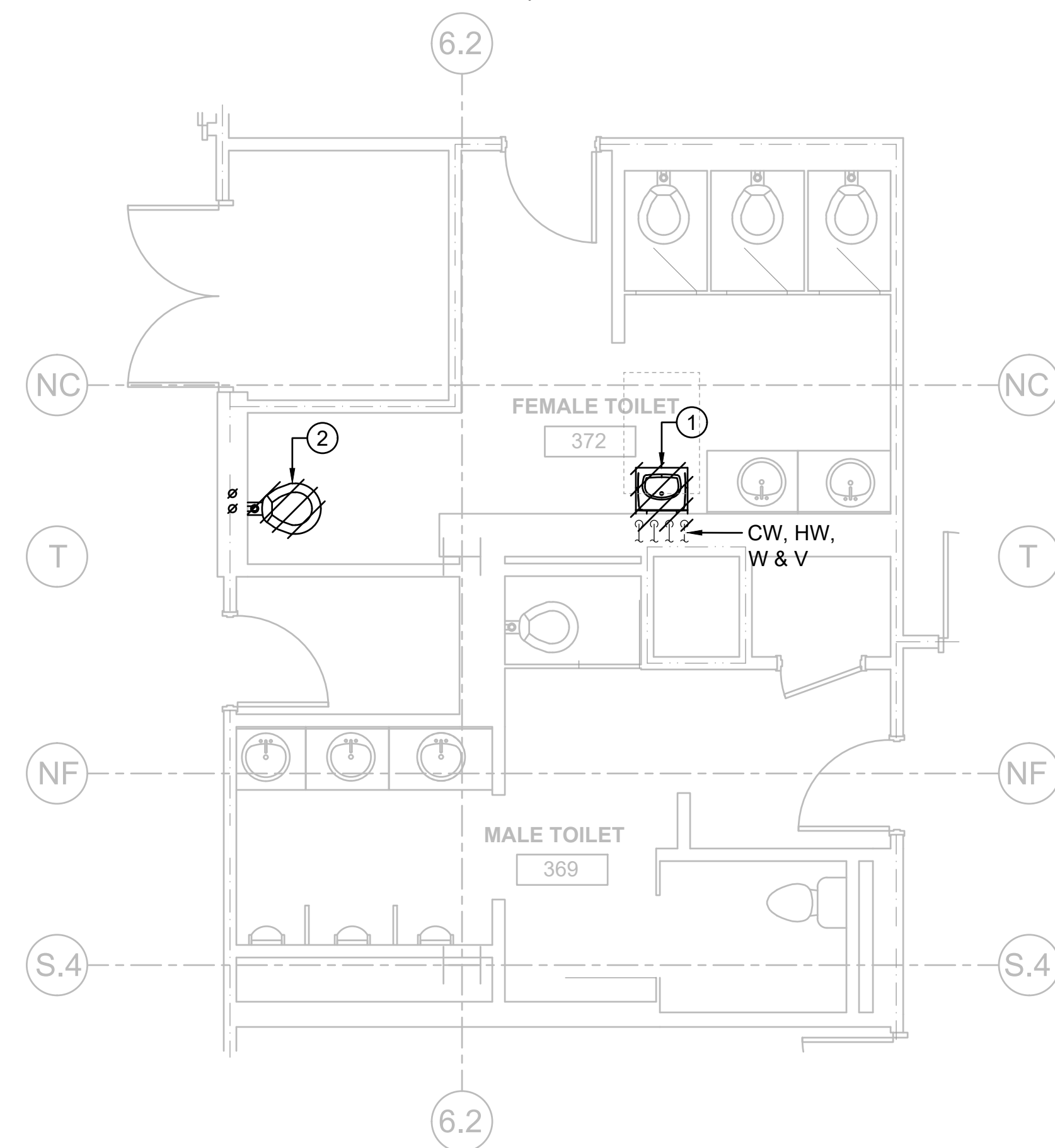
INTERIORS: ISLEY DESIGN & PLANNING
1982 PALSERO AVENUE
ESCONDIDO, CA 92029
TEL(760)484-0455

GENERAL NOTES

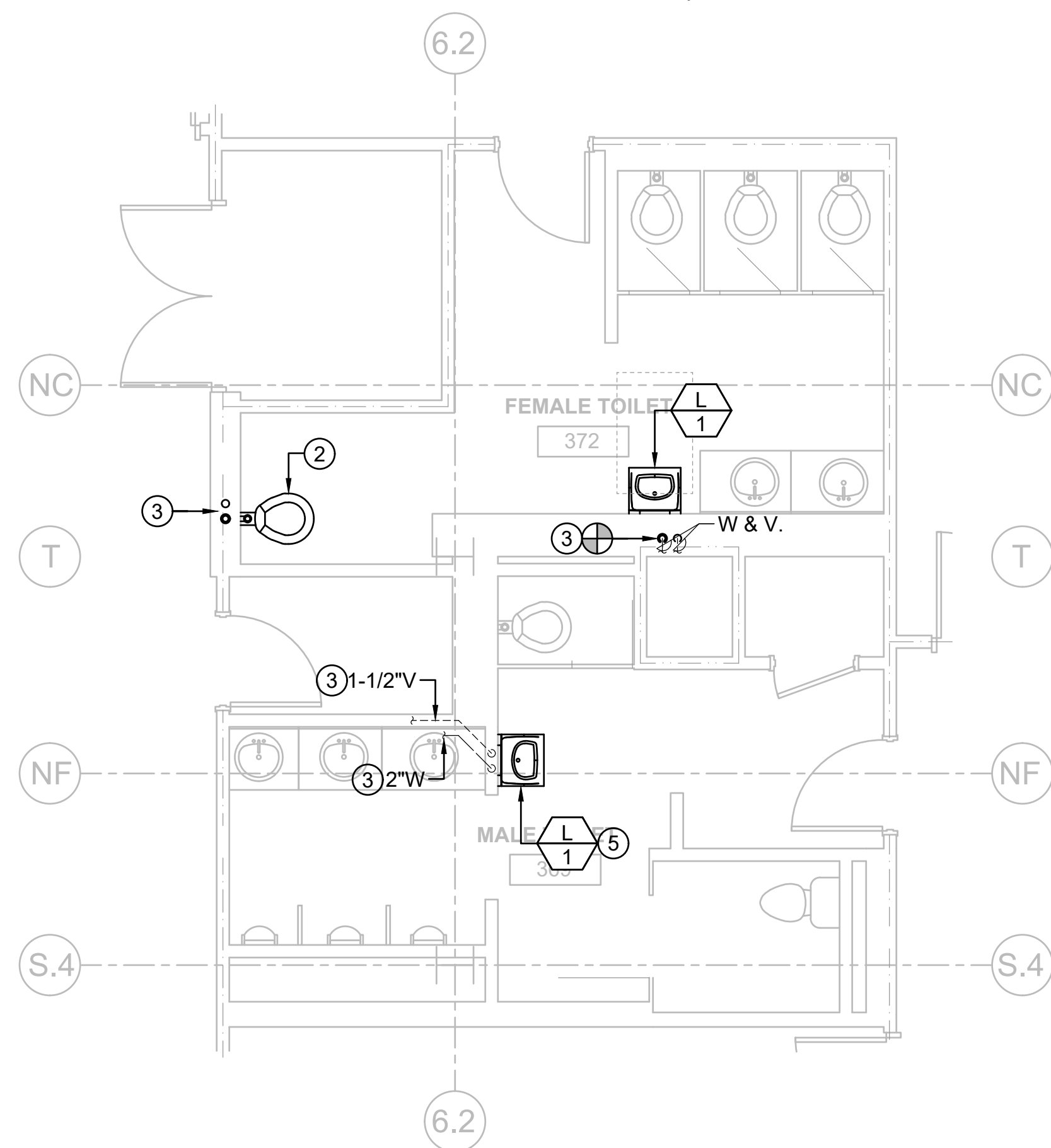
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KEY NOTES

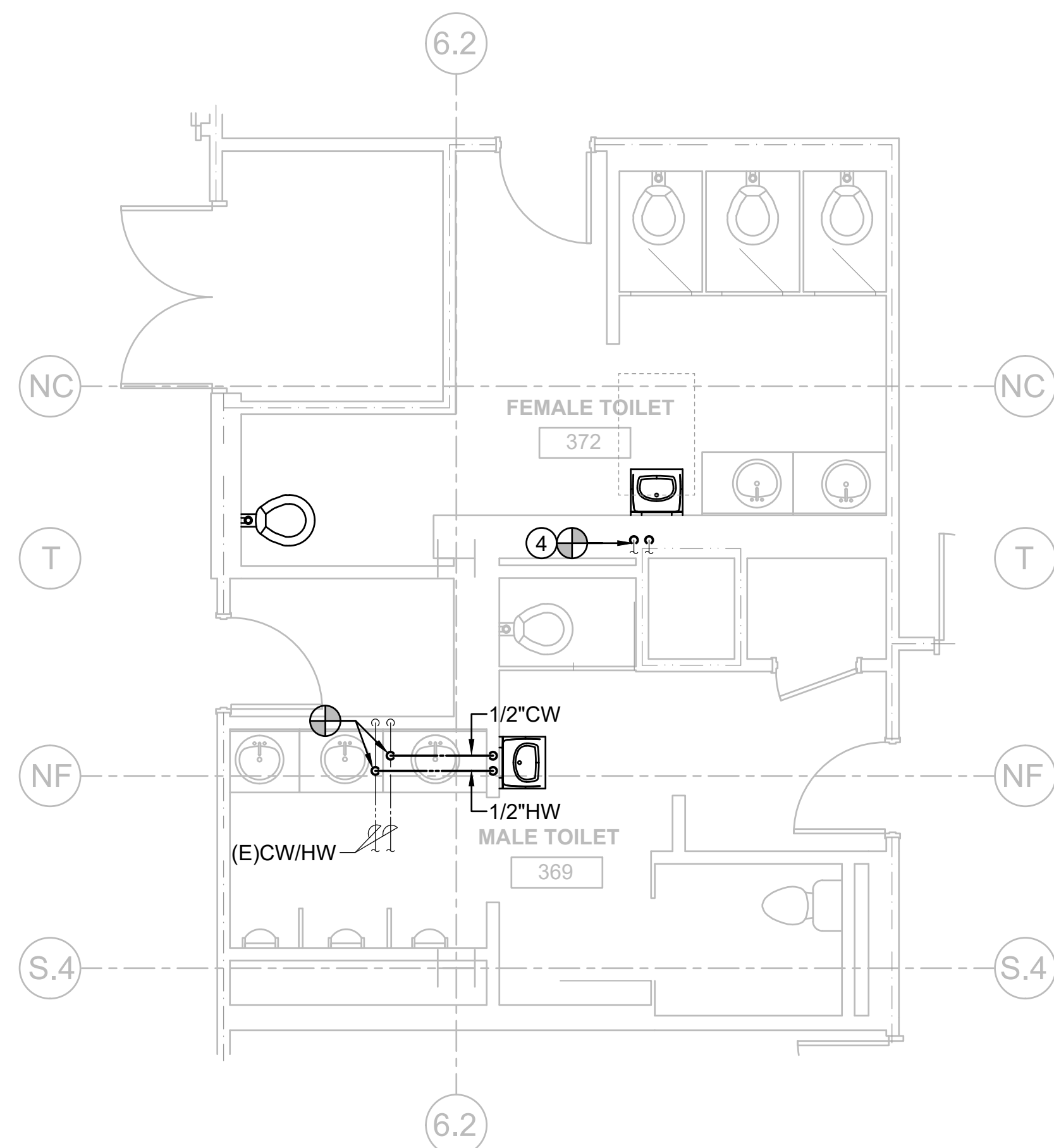
- DEMOLISH LAVATORY.
- RELOCATE WATER CLOSET AND CARRIER TO MEET ADA REQUIREMENTS. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION.
- PROVIDE CONNECTION TO (E)WASTE & (E)VENT.
- PROVIDE CONNECTION TO (E)1/2" CW & (E)1/2" HW.
- PROVIDE 1-1/2" V & 2" W CONNECTION TO ADJACENT LAVATORY. CONTRACTOR SHALL FIELD VERIFY EXACT LOCATION.



1 ENLARGED PLUMBING PLAN - DEMOLITION
1/4" = 1'-0"

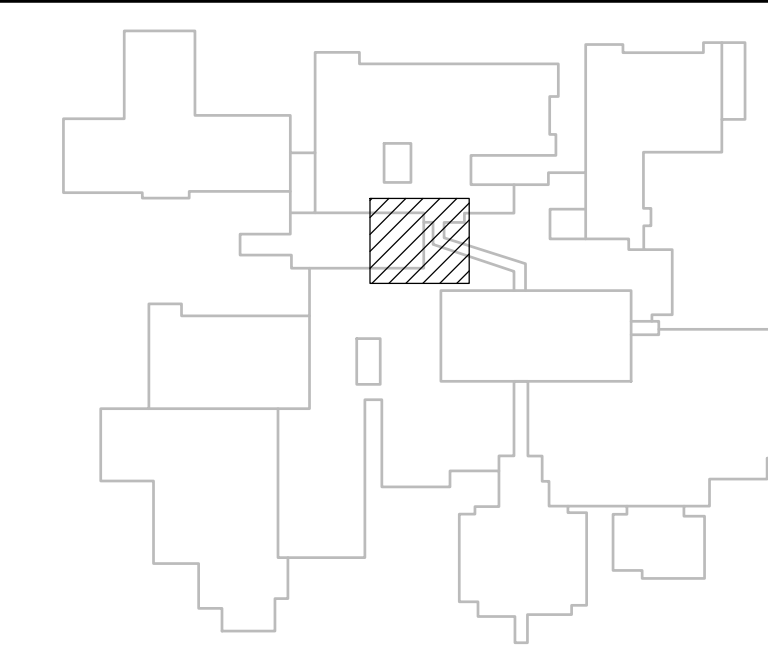


2 ENLARGED PLUMBING PLAN - WASTE & VENT
1/4" = 1'-0"



3 ENLARGED PLUMBING PLAN - PRESSURE PIPING
1/4" = 1'-0"

KEY PLAN



REV	DESCRIPTION	DATE
△	OSHPD COMMENTS	8/3/2020
△	DESIGN CHANGES	8/10/2020
△	OSHPD COMMENTS	10/2/2020
△	OSHPD COMMENTS	11/24/2020
△	DESIGN CHANGES	11/24/2020
△	ACD 0001 DESIGN CHANGES	4/14/2021

REV	DESCRIPTION	DATE



OSHPD APPROVAL STAMP:
OSHPD # S200813-37-00-ACD0001

SHEET TITLE:
ENLARGED PLUMBING PLANS

PROJECT TITLE:
TCMC MRI

PROJECT #:
01907.01

DRAWN BY:
SC

CHECKED BY:
JC

SCALE:
PER TITLE

DATE:
3/11/2020

P4-01

TCMC MRI

Tri-City Medical Center
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OCEANSIDE CA, 92056

OWNER: TRI-CITY MEDICAL CENTER
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REV	DESCRIPTION	DATE
△	OSHPD COMMENTS	8/3/2020
△	DESIGN CHANGES	8/10/2020
△	OSHPD COMMENTS	10/2/2020
△	OSHPD COMMENTS	11/24/2020
△	DESIGN CHANGES	11/24/2020
△	ACD 0001 DESIGN CHANGES	4/14/2021

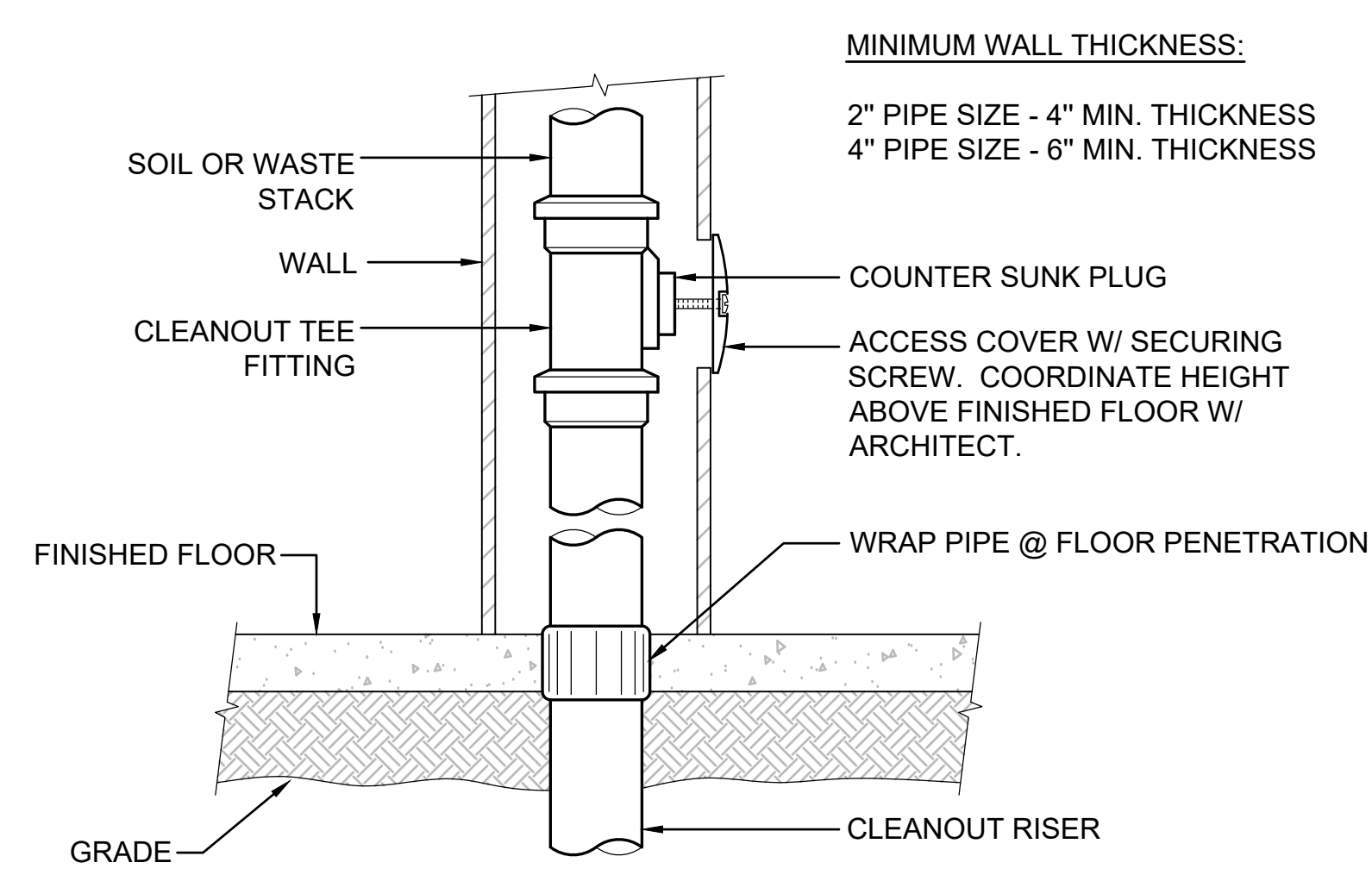
REV	DESCRIPTION	DATE



OSHPD APPROVAL STAMP:
OSHPD # S200813-37-00-ACD0001

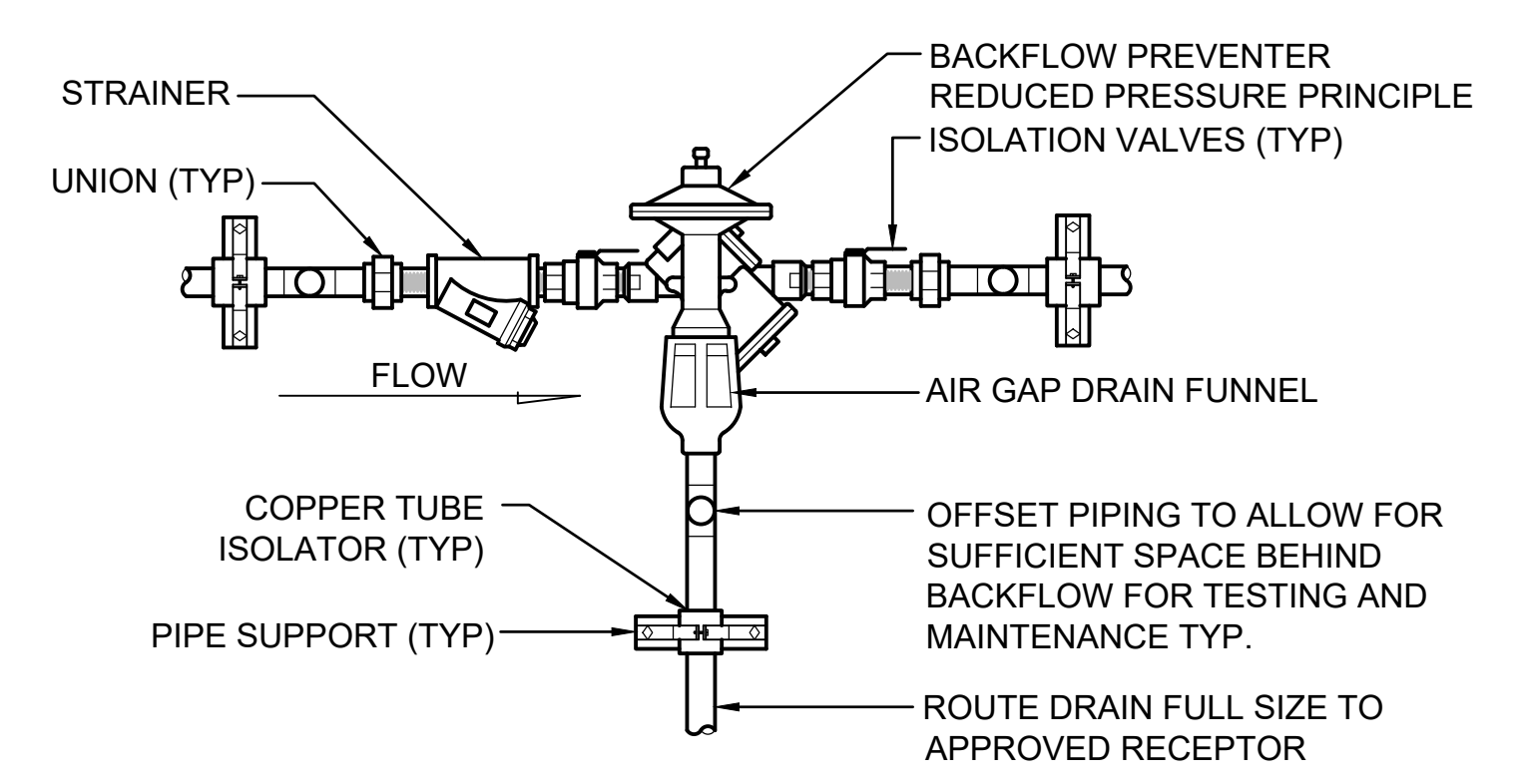
PLUMBING DETAILS

PROJECT TITLE: TCMC MRI
PROJECT #: 01907.01
DRAWN BY: SC
CHECKED BY: JC
SCALE: PER TITLE
DATE: 3/11/2020



WALL CLEANOUT DETAIL
SCALE: NONE

4
P5-01



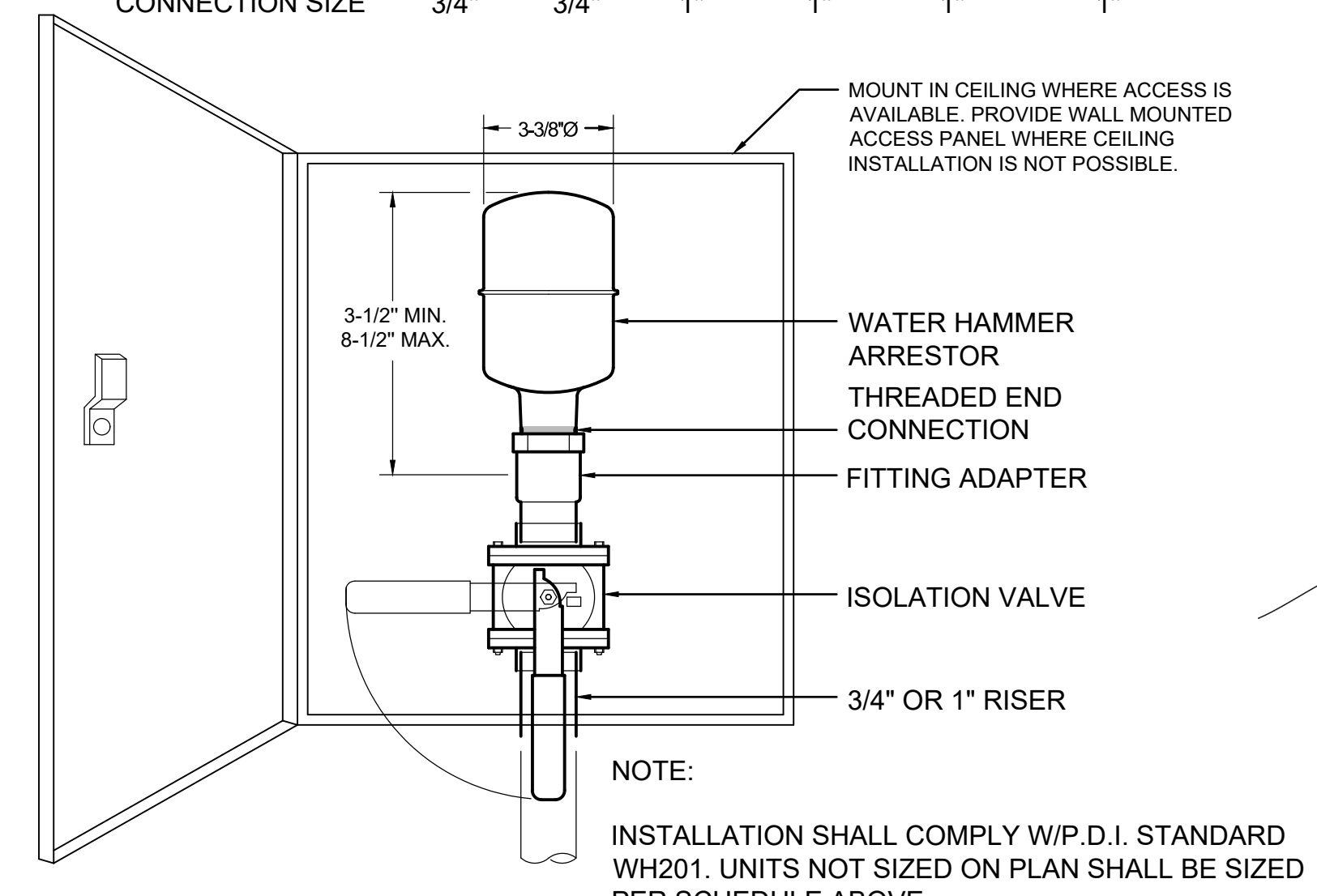
NOTE:
INSTALLATION SHALL COMPLY WITH CPC 603.4.3.
MAXIMUM INSTALLATION HEIGHT OF 5FT. INSTALL NOT LESS THAN 12 INCHES BETWEEN LOWEST PORTION OF ASSEMBLY AND FLOOR.

BACKFLOW PREVENTER MOUNTING DETAIL
SCALE: NONE

1
P5-01

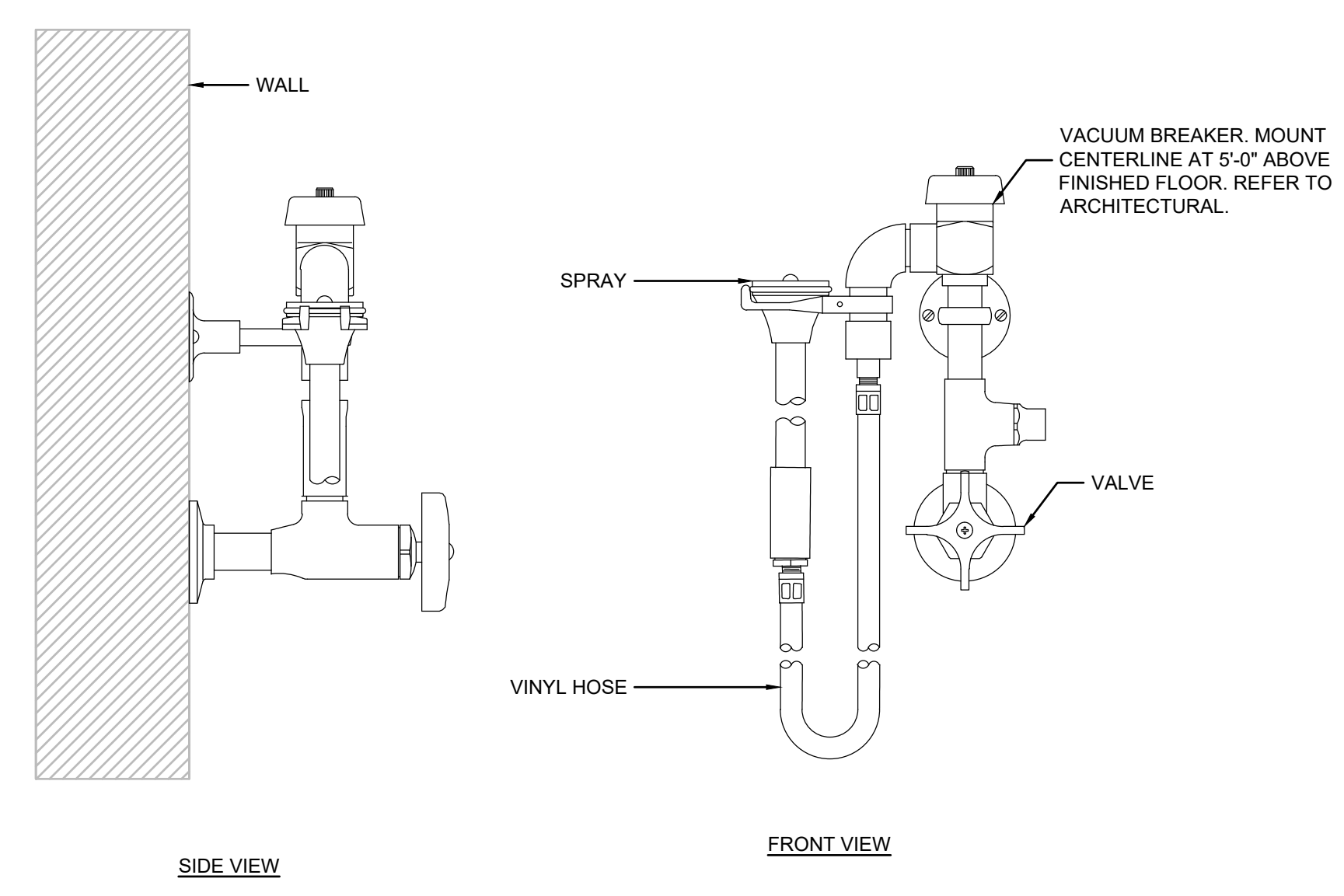
WATER HAMMER ARRESTOR SCHEDULE

P.D.I. SIZE	"A"	"B"	"C"	"D"	"E"	"F"
FIXTURE UNITS	1-11	12-32	33-60	61-113	114-154	155-330
CONNECTION SIZE	3/4"	3/4"	1"	1"	1"	1"



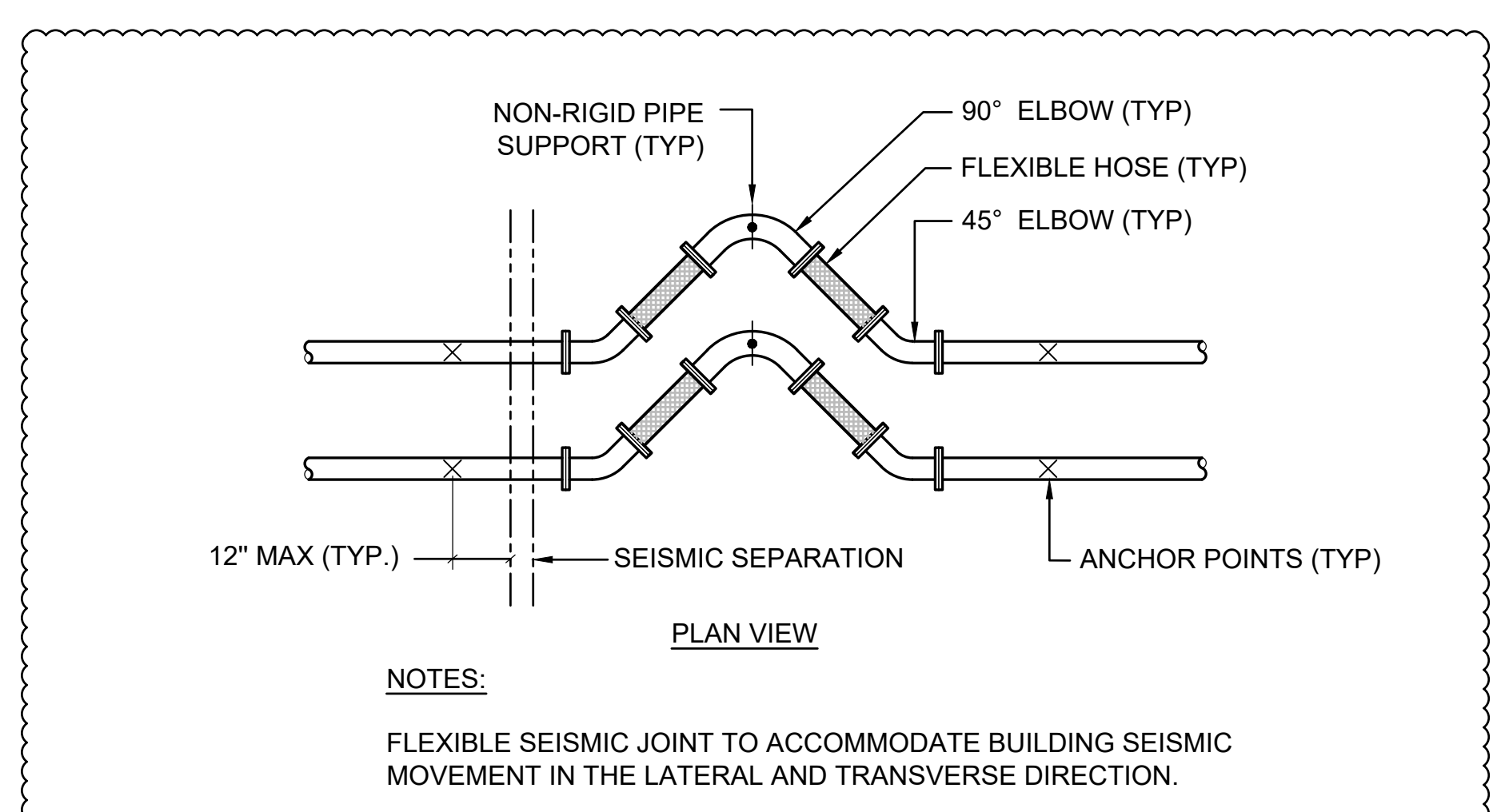
WATER HAMMER ARRESTOR DETAIL
SCALE: NONE

2
P5-01



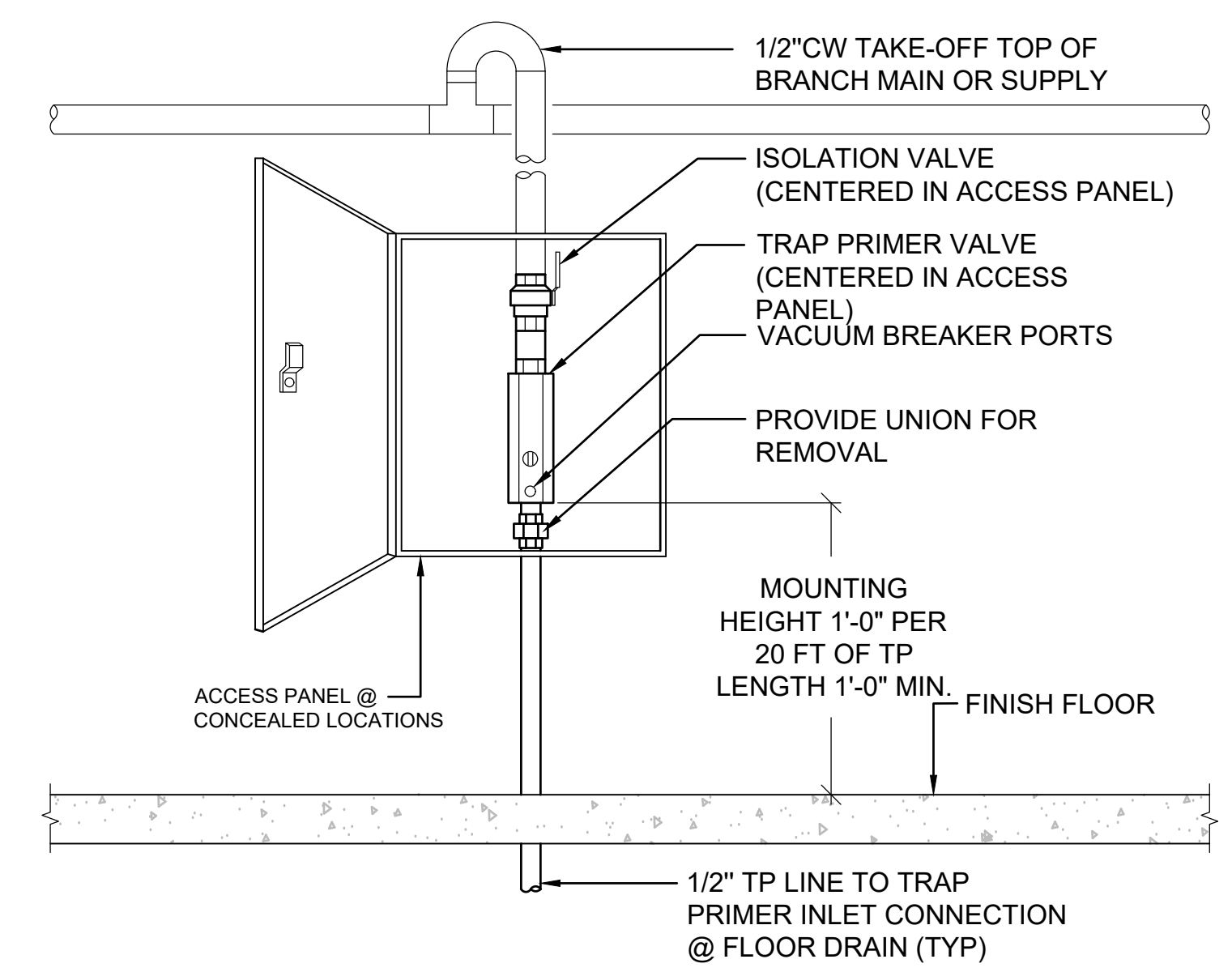
BEDPAN WASHER DETAIL
SCALE: NONE

5
M5-01



SEISMIC PIPING DETAIL
SCALE: NONE

6
P5-01



TRAP PRIMER DETAIL
SCALE: NONE

3
P5-01

5151 Shoreham Pl, Suite 265
San Diego, CA 92122

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TCMC MRI

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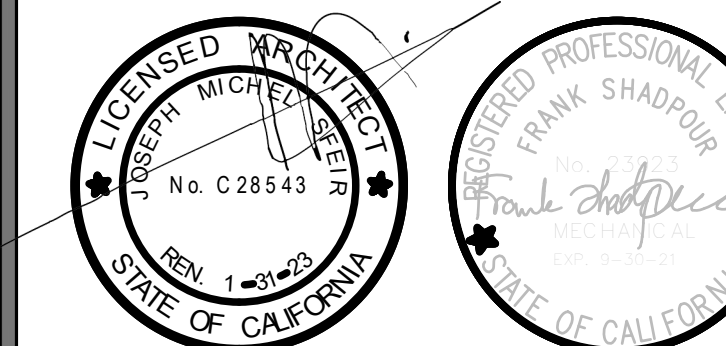
STRUCTURAL: MIYAMOTO INTERNATIONAL, INC.
5550 BALTIMORE DRIVE, SUITE 100
LA MESA, CALIFORNIA 91942
TEL(858)457-3001

MECHANICAL & PLUMBING: SC ENGINEERS, INC.
17075 VIA DEL CAMPO
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OSHPD COMMENTS	8/9/2020
DESIGN CHANGES	8/10/2020
OSHPD COMMENTS	10/2/2020
OSHPD COMMENTS	11/24/2020
DESIGN CHANGES	11/24/2020
ACD 0001 DESIGN CHANGES	4/14/2021

REV.	DESCRIPTION	DATE



OSHPD APPROVAL STAMP:
OSHPD # S200813-37-00-ACD0001

SHEET TITLE:
PLUMBING SCHEDULES

PROJECT TITLE:
TCMC MRI

PROJECT #:
01907.01

DRAWN BY:
SC

CHECKED BY:
JC

SCALE:

PER TITLE:

DATE:
3/11/2020

P6-01

PLUMBING FIXTURE SCHEDULE

SYMBOL	FIXTURE	ROUGH-IN						REMARKS
		HW	CW	W	TRAP	V	GPM/GPF	
WC 1	WATER CLOSET	NA	1-1/4"	4"	INT.	2"	1.28	WALL MOUNTED, BACK OUTLET, WHITE VITREOUS, MANUAL FLUSH VALVE, OFFSET BED PAN WASHER / LUGS, INSTALL ADA HEIGHT
L 1	LAVATORY	1/2"	1/2"	2"	1-1/2"	1-1/2"	0.5	WALL MOUNTED, WHITE VITREOUS CHINA, 4" CENTERSET MANUAL FAUCET, GOOSENECK SPOUT, ADA HEIGHT
L 2	LAVATORY	1/2"	1/2"	2"	1-1/2"	1-1/2"	0.5	COUNTER MOUNTED, WHITE VITREOUS CHINA, SELF RIMMING BOWL. 4" CENTERSET MANUAL FAUCET, GOOSENECK SPOUT
FS 1	FLOOR SINK	NA	NA	2"	1-1/2"	1-1/2"	NA	12"x12" SQ x 6" DEEP CAST IRON WITH PARTIAL GRATE FOR DISCHARGE PIPING. PROVIDE WITH TRAP PRIMER CONNECTION WHERE INDICATED ON PLANS.
S 1	SINK	1/2"	1/2"	2"	1-1/2"	1-1/2"	1.5	WALL MOUNTED, 18 GAUGE STAINLESS STEEL SINK 2-HOLE SINK, DECK FAUCET GOOSENECK WITH DUAL WRIST BLADE HANDLES
BPW 1	BED PAN WASHER	NA	1/2"	NA	NA	NA	NA	BED PAN WASHER WITH INTEGRAL VACUUM BREAKER, ANGLE KEY STOPS, WALL MOUNTED SHUT-OFF VALVE, 5' HOSE AND SPRAY HEAD

1. PLUMBING FIXTURES AND FITTINGS SHALL MEET STANDARDS REFERENCED IN CPC TABLE 5.303.6 2. FAUCETS FOR LAVATORIES AND SINKS SHALL NOT BE EQUIPPED WITH AERATORS (CPC 402.7)

PLUMBING EQUIPMENT SCHEDULE

SYMBOL	TYPE	DESCRIPTION
TP 1	TRAP PRIMER	ASME 1018, 125 PSIG MIN. PRESSURE RATING
BFP 1	BACKFLOW PREVENTER	HORIZONTAL INTERIOR MOUNTED DOMESTIC WATER BACKFLOW PREVENTER. 5 PSIG MAX PRESSURE DROP @ 2.6 GPM. PROVIDE FLOOR SINK DRAIN CONNECTION.
BFP 2	BACKFLOW PREVENTER	HORIZONTAL INTERIOR MOUNTED DOMESTIC WATER BACKFLOW PREVENTER. 5 PSIG MAX PRESSURE DROP @ 0.5 GPM. PROVIDE FLOOR SINK DRAIN CONNECTION.

MEDICAL GAS OUTLET SCHEDULE

SYMBOL	LOCATION	TYPE	REMARKS
MO 1	MRI EXAM ROOM	AMICO WALL OUTLET	PROVIDE ONE OUTLET FOR MEDICAL AIR, MEDICAL VACUUM AND OXYGEN. SIZE PER FLOOR PLAN
MO 2	TRANSFER ROOM	AMICO WALL OUTLET	PROVIDE ONE OUTLET FOR MEDICAL AIR, MEDICAL VACUUM AND OXYGEN. SIZE PER FLOOR PLAN



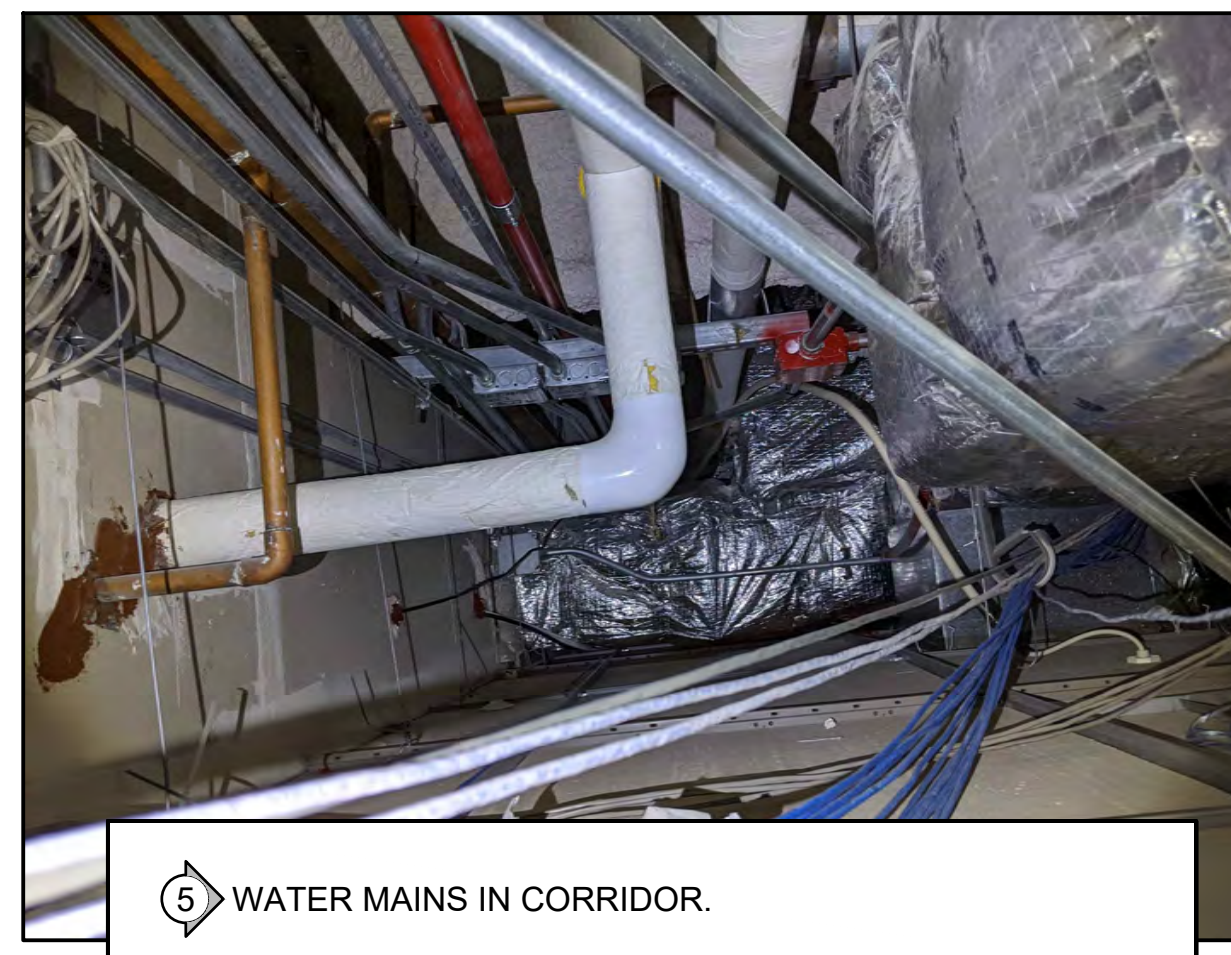
8 OVERFLOW STORM DRAIN.



4 MEDICAL GAS POINT OF CONNECTION.



9 SANITARY WASTE.



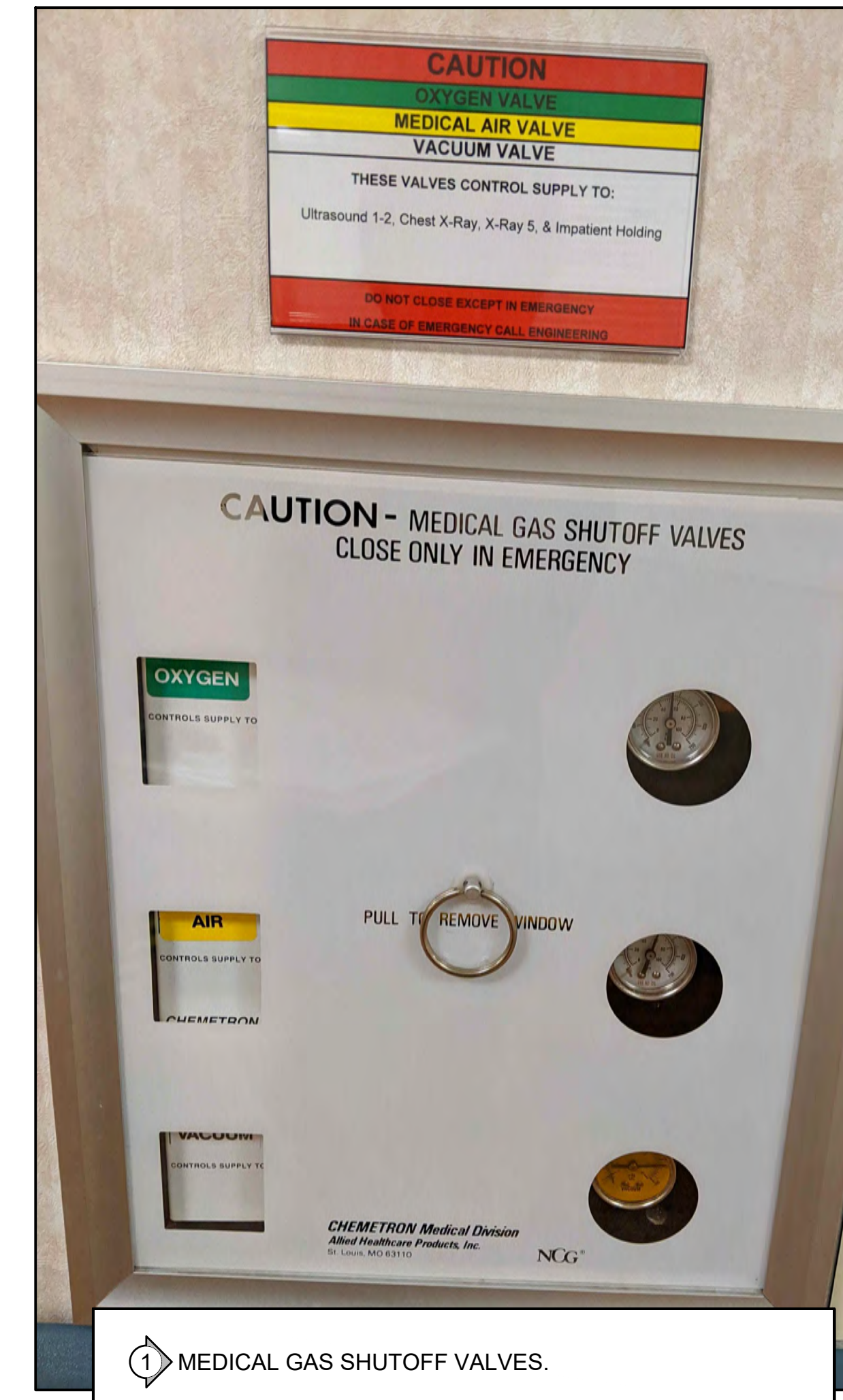
5 WATER MAINS IN CORRIDOR.



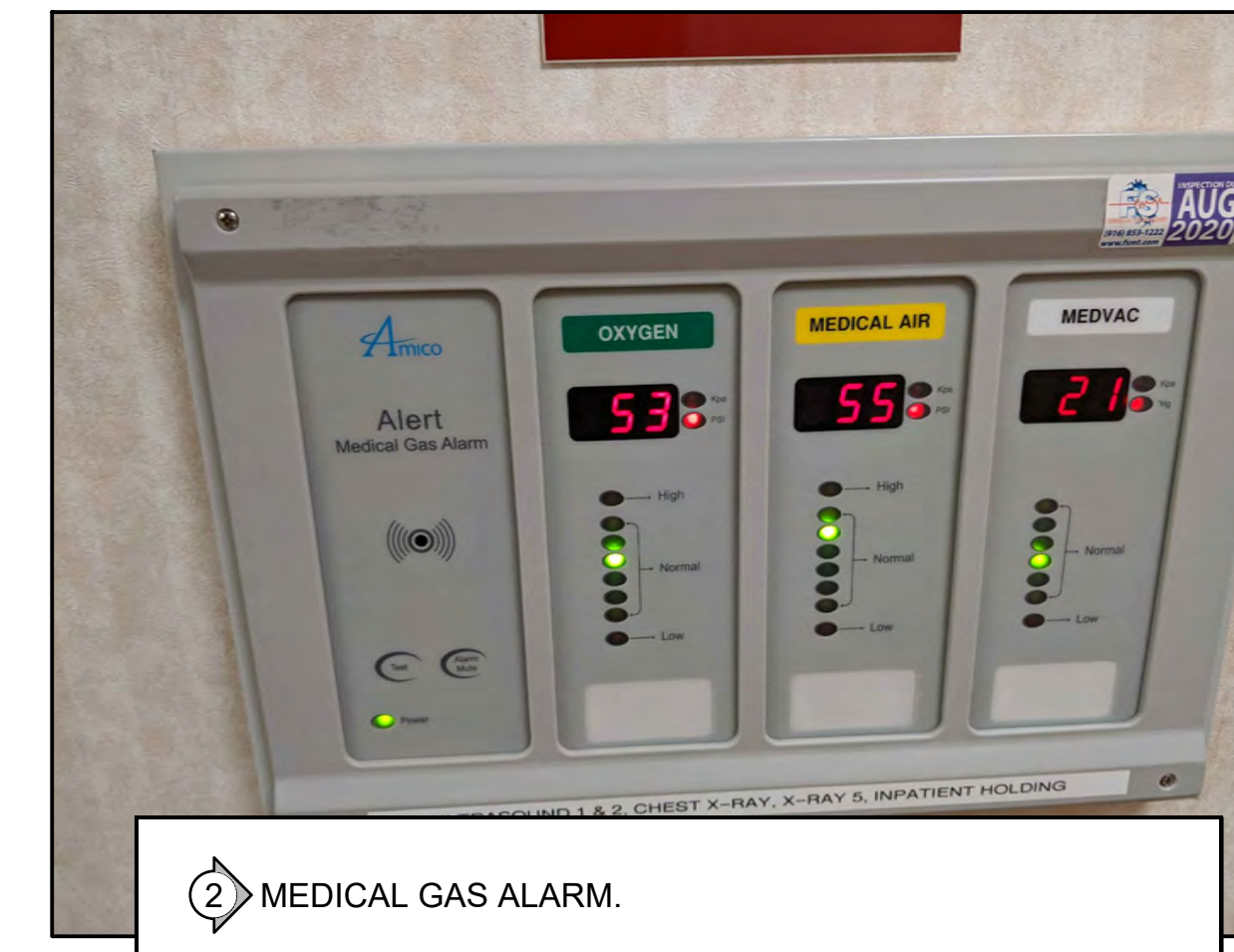
6 WALL CLEANOUT.



7 CW & HW VALVES.



1 MEDICAL GAS SHUTOFF VALVES.



2 MEDICAL GAS ALARM.

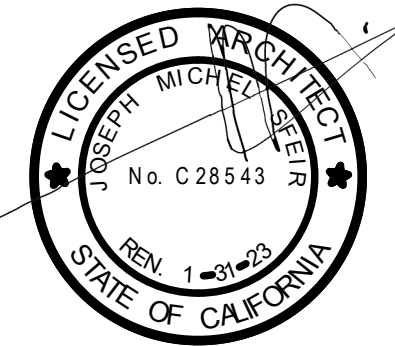


3 SANITARY WASTE.

TCMC MRI

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MECHANICAL & PLUMBING:	SC ENGINEERS, INC. 17075 VIA DEL CAMPO SAN DIEGO, CALIFORNIA 92127 TEL(659)946-0333
ELECTRICAL:	AG DESIGN, INC. 171 S. ANITA DR. SUITE 111 ORANGE, CALIFORNIA 92668 TEL(714)769-9500
SHIELDING:	MRI SHIELDING CORPORATION 3554 BUSINESS PARK DR., SUITE B COSTA MESA, CA 92626 TEL(714)645-7700
INTERIORS:	ISLEY DESIGN & PLANNING 1982 PALSERO AVENUE ESCONDIDO, CA 92029 TEL(760)484-0455



REV.	DESCRIPTION	DATE
A	OSHPD COMMENTS	8/3/2020
A	DESIGN CHANGES	8/10/2020
A	OSHPD COMMENTS	10/2/2020
A	OSHPD COMMENTS	11/24/2020
A	DESIGN CHANGES	11/24/2020
A	ACD 0001 DESIGN CHANGES	4/14/2021

REV.	DESCRIPTION	DATE



OSHPD APPROVAL STAMP:
OSHPD # S200813-37-00-ACD0001

SHEET TITLE:
PLUMBING PHOTOS

PROJECT TITLE:
TCMC MRI
PROJECT #: 01907.01 SHEET NUMBER:
DRAWN BY: SC
CHECKED BY: JC
SCALE:
PER TITLE:
DATE: 3/11/2020

P7-01

GENERAL NOTES

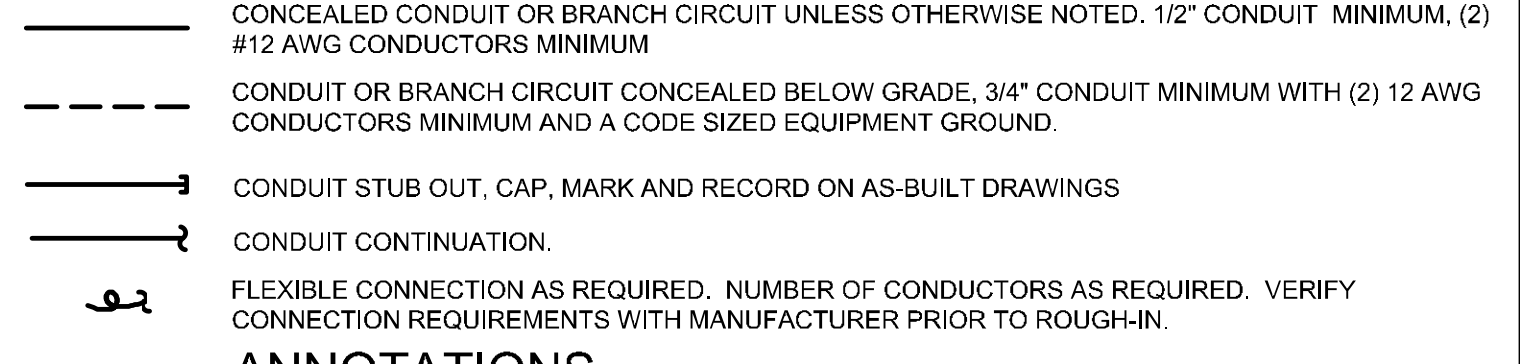
- 33. ELECTRICAL DRAWINGS ARE DIAGRAMMATIC, AS SUCH, ALL ELECTRICAL EQUIPMENT LOCATIONS, CONDUIT ROUTING, ETC. ARE NOT PRECISE AND SHALL BE COORDINATED, VERIFIED, AND DETERMINED IN THE FIELD, ETC. TO INSTALL ALL ELECTRICAL EQUIPMENT AND ROUTE ALL CONDUITS IN LOCATIONS WHICH MEET CODE REQUIREMENTS FOR ACCESSIBILITY, MOUNTING AND DO NOT INTERFERE WITH ANY BUILDING STRUCTURES, UTILITIES, OR OTHER TRADE EQUIPMENT.
34. ALL EXISTING SITE RELATED ELECTRICAL EQUIPMENT (I.E. UNDERGROUND UTILITIES, DUCTS, STRUCTURES, PULL BOXES, ETC.), LOCATIONS ARE DIAGRAMMATIC IN NATURE AND ONLY REFLECT APPROXIMATE LOCATIONS, QUANTITIES, AND/OR ROUTING INFORMATION. ALL REFERENCED INFORMATION HAS EITHER BEEN SURVEYED, REPORTED BY THE OWNER, OWNERS REP, AND/OR REFERENCED ON AN AS-BUILT RECORD DOCUMENTS. ALL EXISTING ELECTRICAL EQUIPMENT REFERENCE TO THESE DRAWINGS IS TO BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORK. BY ACCEPTING THESE PLANS OR PROCEEDING WITH ELECTRICAL SCOPE OF WORK, AGREES TO ACCEPT LIABILITY AND SHALL RENDER THE ENGINEER OF RECORD HARMLESS FOR ANY ELECTRICAL EQUIPMENT NOT REPORTED TO THE ENGINEER DURING THE DESIGN PROCESS. THE CONTRACTOR TO TAKE THE REQUIRED PRECAUTIONARY MEASURES TO ENSURE ALL EXISTING ELECTRICAL EQUIPMENT IS PROTECTED IN PLACE.
35. ANY EXISTING BUILDING STRUCTURES OR SURFACES DAMAGED BY DEMOLITION OR DURING INSTALLATION ACTIVITIES SHALL BE REPAIRED, PATCHED, AND/OR REFINISHED TO THE SATISFACTION OF THE OWNER.
36. ALL EXISTING ELECTRICAL EQUIPMENT INDICATED TO BE DEMOLISHED SHALL BE REMOVED ENTIRELY AND ALL AFFECTED SURFACES OR STRUCTURES SHALL BE REPAIRED, REPLACED, AND/OR REFINISHED TO MATCH THE ADJACENT SURFACES OR DAMAGED ITEM(S).
37. FOR CLARITY ONLY RECONSTRUCTION OR NEW WORK RELATED ELEMENTS AND SELECT EXISTING FACILITIES SPECIFICALLY REQUIRING COORDINATION WITH ANY NEW WORK.
38. ALL CONDUITS, BOXES, SURFACE MOUNTED RACEWAYS, SUPPORT DEVICES, AND ASSOCIATED FITTINGS SHALL BE MOUNTED IN CONCEALED LOCATIONS ABOVE CEILINGS, DUCTS, TRUSSES, BEAMS, ETC. IN AREAS WHERE A CONCEALED MOUNTING LOCATION IS NOT AVAILABLE EQUIPMENT SHALL BE PAINTED TO MATCH THE ADJACENT SURFACES.
39. PENETRATIONS BY CONDUITS OR OTHER ELECTRICAL EQUIPMENT THROUGH A FIRE RATED WALL - WHETHER EXISTING OR NEW - SHALL MAINTAIN THE APPROPRIATE FIRE RATING BY SEALING THE PENETRATION WITH THE APPROPRIATE UL-LISTED FIRE-STOP MATERIAL/SYSTEM.
40. INTENT OF THE CONSTRUCTION DOCUMENTS IS TO RECONSTRUCT THE HOSPITAL BUILDING IN ACCORDANCE WITH THE 2019 CBC. SHOULD ANY CONDITION DEVELOP NOT COVERED BY THE APPROVED CONSTRUCTION DOCUMENTS, WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH THE 2019 CBC, AMENDED CONSTRUCTION DOCUMENTS (ACDs) DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY OSHPD BEFORE PROCEEDING WITH THE WORK.

- 1. THE ELECTRICAL CONTRACTOR (EC) SHALL INCLUDE AND PROVIDE IN BID ALL LABOR AND MATERIALS NECESSARY FOR A COMPLETE AND OPERATIONAL INSTALLATION OF ALL ELECTRICAL SYSTEMS.
2. EC SHALL COORDINATE AND OBTAIN ALL APPROVALS, PERMITS, AND DOCUMENTS FROM THE APPLICABLE JURISDICTIONS AND UTILITY COMPANIES.
3. ALL CONDUIT RACEWAY SYSTEMS ARE TO BE INSTALLED AS FOLLOWS:
a. RIGID GALVANIZED STEEL IS TO BE INSTALLED IN ALL AREAS WHICH ARE EXPOSED TO WEATHER AND/OR PHYSICAL DAMAGE.
b. FLEXIBLE METALLIC CONDUIT I S PERMITTED FOR SHORT CONNECTIONS TO LIGHT FIXTURES (6" Ø MAX). FLEXIBLE CONDUIT SHALL ALSO BE INSTALLED FOR EXISTING EQUIPMENT REQUIRING VIBRATION ISOLATION AND HORIZONTAL RUNS IN WOODEN STUD WALLS.
c. ELECTRICAL METALLIC TUBING (EMT) WITH COMPRESSION TYPE FITTINGS SHALL BE USED FOR BUILDING INTERIOR WORK.
d. P.V.C. CONDUIT SHALL BE USED FOR UNDERGROUND CONDUITS. ROUTE CODE SIZED GROUND WIRE INSIDE OF CONDUIT. CONDUIT RISERS AND STUBS ABOVE GRADE OF FLOOR BE I.M.C. WITH HALF-LAPPED TAPE COVERING OR P.V.C. COATING.
4. UNLESS OTHERWISE NOTED OR REFERENCED ON THE DRAWINGS ALL NEW ELECTRICAL WIRING IS TO BE 600V RATED COPPER WITH TYPE "THHN/THWN" INSULATION.
5. ALL MOUNTING HEIGHTS REFERENCED ON DRAWINGS ARE MEASURED FROM FINISHED FLOOR UNLESS OTHERWISE REFERENCED OR INDICATED ON THE DRAWINGS FOR A PERIOD OF 1 YEAR.
6. ALL ELECTRICAL EQUIPMENT LOCATIONS (LIGHTING, RECEPTACLE, FLOOR BOX, ETC.) ARE TO BE VERIFIED WITH THE ARCHITECT AND/OR EQUIPMENT SUPPLIER PRIOR TO BEGINNING ANY ROUGH-IN.
7. ALL LIGHTING FIXTURES SHALL BE MOUNTED AND SUPPORTED IN ACCORDANCE WITH OSHA STANDARDS, AND ALL STATE, LOCAL, SEISMIC, AND NATIONAL STANDARDS.
8. THE DRAWINGS INCLUDED IN THIS DOCUMENT SET ARE DIAGRAMMATIC. THEY ARE REPRESENTATIVE OF THE ENGINEER OF RECORDS DESIGN INTENT FOR ALL ELECTRICAL DEVICES/EQUIPMENT AND THE INDIVIDUAL POWER FEEDS THEY ARE TO BE CONNECTED TO. THE SELECTED EC SHALL BE RESPONSIBLE FOR PROVIDING ALL J-BOXES, CONDUIT, WIRING/CABLING, ETC. AS REQUIRED FOR A COMPLETE AND OPERATIONAL ELECTRICAL INSTALLATION.
9. ALL ELECTRICAL EQUIPMENT (PANELS, RECEPTACLES, J-BOXES, ETC.) SHALL BE WEATHER-PROOF AND/OR INSTALLED IN A NEMA 3R ENCLOSURE WHERE APPLICABLE OR INSTALLED OUTDOORS.
10. ALL ELECTRICAL WORK SHALL BE PERFORMED ACCORDING TO STATE, LOCAL, NATIONAL, AND DISTRICT STANDARDS AND CODES. COORDINATE SPECIFIC REQUIREMENTS WITH DISTRICT STANDARDS AND AUTHORITY HAVING JURISDICTION.
11. ALL ELECTRICAL EQUIPMENT SHALL BE NEW AND IS TO BE CLEARLY LABELED/ IDENTIFIED AS UNDERWRITER LABORATORIES (UL) COMPLIANT UNLESS OTHERWISE NOTED OR REFERENCED IN THE DRAWINGS OR SPECIFICATIONS. ANY EQUIPMENT WITH A LISTING OTHER THAN "UL" OR OTHER NATIONALLY RECOGNIZED TESTING LABORATORY (NRTL) LISTING AS REFERENCED IN NEC 110.2 (E) EQUIPMENT WITH A RECOGNIZED "UL"/R" LISTING ARE NOT PERMITTED FOR USE.
12. EC IS RESPONSIBLE FOR SECURING ALL REQUIRED BUILDING PERMITS AND SHALL INCLUDE THE COST TO SECURE BUILDING PERMITS IN THEIR FINAL BID. UNLESS OTHERWISE WRITTEN, STATED, OR REFERENCED IN DRAWINGS OR SPECIFICATIONS CONTRACTOR SHALL GUARANTEE THE COMPLETE ELECTRICAL INSTALLATION FOR A PERIOD OF 1 YEAR.
14. ALL ELECTRICAL DISTRIBUTION EQUIPMENT (PANELS, DISTRIBUTION BOARDS, TRANSFORMERS, ETC), FEEDERS (CONDUIT, CONDUCTOR SIZE, AND QUANTITY), MECHANICAL EQUIPMENT, ELEVATORS, VARIABLE FREQUENCY DRIVES (VFD'S), ETC. MAY ONLY BE REFERENCED ON THE SINGLE-LINE DRAWING AND NOT INDIVIDUAL PLAN SHEETS. EC SHALL REVIEW AND VERIFY ALL REFERENCED INFORMATION ON THE SINGLE-LINE DRAWING. EC SHALL BE RESPONSIBLE FOR ALL REQUIRED PATCHING, REFINISHING, ETC. AS REQUIRED FOR INSTALLATION OF ELECTRICAL EQUIPMENT AND SYSTEMS. ANY PENETRATIONS OR OPENINGS MADE IN WALLS OR STRUCTURES SHALL BE PATCHED AND/OR SEALED AS REQUIRED TO MAINTAIN THE INTEGRITY AND/OR RATING OF THE WALL OR STRUCTURE.
15. EC SHALL VISIT THE SITE PRIOR TO SUBMISSION OF THEIR FINAL BID TO VERIFY ALL EXISTING CONDITIONS WHICH MAY AFFECT THE COMPLETION OF THE ELECTRICAL INSTALLATION. ALL METHODS AND REQUIREMENTS FOR INSTALLATION SHALL BE DETERMINED PRIOR TO BID DATE. ELECTRICAL EC SHALL NOTIFY THE ENGINEER OF RECORD OF ANY REQUIRED MODIFICATIONS WHICH ARE NOT REFERENCED ON THESE ELECTRICAL PLANS. SUBMITTAL OF THE EC'S BID DEMONSTRATES THE CONTRACTOR'S AWARENESS OF ALL SITE CONDITIONS AND REQUIRED WORK TO BE PERFORMED.
16. ALL CEILINGS AND CEILING SYSTEMS AS A RULE ARE CONSIDERED TO BE INACCESSIBLE. ALL ELECTRICAL DEVICES AND EQUIPMENT INSTALLED ABOVE CEILINGS ARE TO BE MOUNTED IN A LOCATION WHICH IS ACCESSIBLE. IN SITUATIONS WHERE ELECTRICAL DEVICES AND EQUIPMENT MUST BE INSTALLED IN AN AREA WHICH IS INACCESSIBLE, EC SHALL INSTALL AN ADEQUATELY SIZED, CODE COMPLIANT ACCESS PANEL AS REQUIRED BY CURRENT CODES - THE LOCATION OF THE REQUIRED ACCESS PANEL SHALL BE COORDINATE WITH THE ARCHITECT AND INTERIOR DESIGNER PRIOR TO ROUGH-IN.
17. EC IS RESPONSIBLE FOR COMPLETING ALL FINAL ELECTRICAL CONNECTIONS TO OWNER FURNISHED EQUIPMENT AND SHALL PROVIDE ALL MOTOR START SWITCHES, DISCONNECTS, ETC. AS REQUIRED.
18. ALL ELECTRICAL EQUIPMENT CONNECTIONS, MOUNTING LOCATIONS, ELECTRICAL REQUIREMENTS, ETC. ARE TO BE COORDINATED AND VERIFIED PRIOR TO COMMENCEMENT OF ELECTRICAL ROUGH-IN.
19. EC TO SUBMIT SHOP DRAWINGS FOR THE APPROVAL OF THE ELECTRICAL ENGINEER OF RECORD FOR ALL ELECTRICAL EQUIPMENT AND MATERIALS TO BE UTILIZED IN THE ELECTRICAL INSTALLATION. ALL APPROVALS BY THE ENGINEER OF RECORD MUST BE SECURED PRIOR TO COMPLETION OF ANY PURCHASE ORDERS OR MATERIALS WORK.
21. THESE ELECTRICAL DRAWINGS AND ASSOCIATED SPECIFICATIONS ARE TO BE CONSIDERED CONTRACT DOCUMENTS FOR AGENCY REVIEW/APPROVAL AND EC BIDDING PURPOSES.
22. THE COMPLETE ELECTRICAL SYSTEM SHALL BE GROUNDED IN ACCORDANCE WITH NEC/CEC ARTICLE 250. ALL POWER AND LIGHTING CIRCUITS SHALL BE INSTALLED WITH A MINIMUM #12AWG CU GROUND WIRE UNLESS OTHERWISE NOTED OR REFERENCED.
23. EC TO PROVIDE ENGRAVED PHENOLIC NAMEPLATES ON ALL DISCONNECT SWITCHES, DISTRIBUTION EQUIPMENT, J-BOXES ETC. WITH METALLIC COVERS. SEE GENERAL NOTES ON SINGLE-LINE DIAGRAM FOR SPECIFIC INFORMATION REGARDING NAMEPLATE REQUIREMENTS.
24. ALL COVER PLATES FOR LIGHT SWITCHES AND OUTLETS SHALL BE STAINLESS STEEL WITH PANEL AND CIRCUIT ENGRAVED NAMEPLATES - UNLESS OTHERWISE NOTED. PLASTIC COVER PLATES WITH THE APPROPRIATE COLOR SHALL BE PERMITTED IN ALL OTHER AREAS - UNLESS OTHERWISE NOTED. IN INSTANCES WHERE PLASTIC COVER PLATES ARE UTILIZED EC SHALL WALL MOUNT AN ENGRAVED PHENOLIC NAMEPLATE WITH THE PANEL AND CIRCUIT NUMBER DIRECTLY ABOVE THE DEVICE.
25. AT THE COMPLETION OF THE PROJECT THE EC SHALL PROVIDE THE OWNER WITH A COMPLETE SET OF AS-BUILT ELECTRICAL DRAWINGS.
26. ANY AND ALL WORK THAT REQUIRES AN INTERRUPTION TO A BUILDING(S) ELECTRICAL SERVICE MUST BE COORDINATED WITH THE DISTRICT A MINIMUM OF 48 HOURS IN ADVANCE. ANY SERVICE DOWNTOWN SHALL NOT OCCUR DURING FACILITY HOURS.
27. EC SHALL BE RESPONSIBLE FOR ENSURING THAT ALL LOW VOLTAGE SYSTEMS ARE COMPATIBLE AND ARE COMPLETE AND OPERATIONAL. EC SHALL PERMANENTLY TAG ALL CONDUCTORS IN EACH ELECTRICAL AND LOW VOLTAGE SYSTEM AS REFERENCED IN THE SPECIFICATIONS.
28. ANY SURFACE MOUNTED EXPOSED CONDUIT IN VIEW OF THE PUBLIC SHALL BE PAINTED TO MATCH THE FINISH OF THE SURFACE TO WHICH IT IS MOUNTED WITH TWO (2) COATS OF PAINT. ALL EXTERIOR SURFACE MOUNTED EXPOSED CONDUITS ARE TO BE PAINTED WITH TWO (2) COATS OF WEATHERPROOF LATEX PAINT.
29. EC TO PROVIDE ALL CONDUIT ONLY (C.O.) INFRASTRUCTURE WITH A 3/16" NYLON LIF ROPE. LABEL PULL ROPE AT EACH END WITH THE LOCATIONS OF ORIGIN AND TERMINATION.
31. IN INSTANCES WHERE A CONFLICT BETWEEN THE ELECTRICAL DRAWINGS AND THE SPECIFICATION OF THE PROJECT EXISTS, THE EC SHALL ADHERE TO THE MORE STRINGENT REQUIREMENT.
32. SUPPORTS AND ATTACHMENTS OF ALL EQUIPMENT TO BE INSTALLED AS A PART OF THIS PROJECT SHALL BE DETAILED ON CONSTRUCTION DOCUMENTS, EXCEPT THOSE EXEMPTED BY THE 2019 CBC SECTION 1616A.18. EQUIPMENT SUPPORTS AND ATTACHMENTS SHALL BE APPROVED BY THE APPROPRIATE REGISTERED DESIGN PROFESSIONAL (RDP) AND OSHPD AS A PART OF FIELD REVIEWS/OBSERVATIONS. THE INSPECTOR OF RECORD (IOR) SHALL ASSURE THAT THE ABOVE REQUIREMENTS ARE ENFORCED.

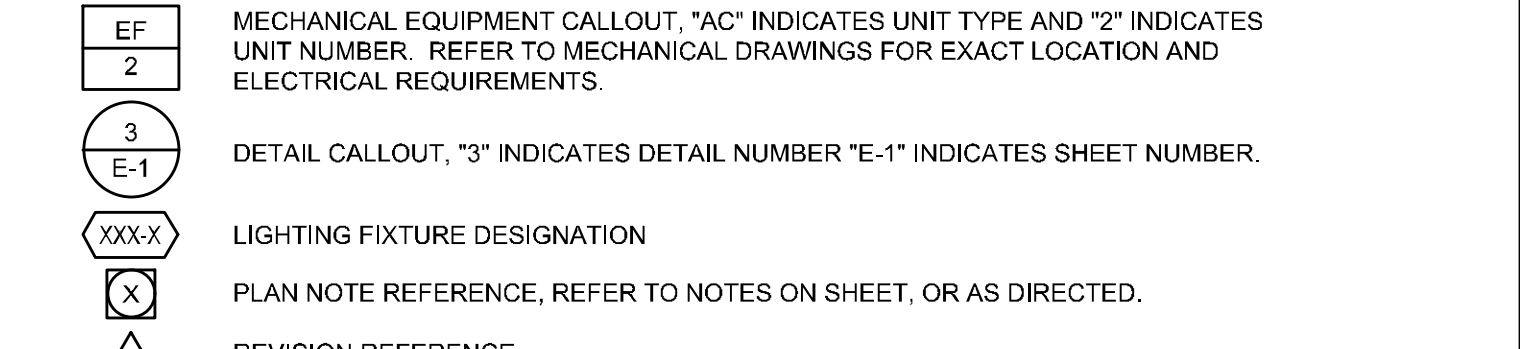
ABBREVIATIONS

Table of abbreviations for electrical symbols and materials. Includes 4S/DP, ADA, A.F.F., A.F.G., AWG, AMP, A.I.C., AF/AT, AHJ, AS/AF, ATS, AVG, BDF, BR, BLDG, CEC, CIRC., CKT., CSFD, CSFD, C.O., C.C., CONN, CPT, CLD, CLF, CT, DIA, DISC, DIST, E, E.C., EMS, EMT, ENT, EWC, E.P.O., E-O-L, EF, EP, ERT, FT or F, FA, FLA, GFCI, GFP, GEC, HACR, HP, IN. or T, JBOX, K, MCM, KVA, KW, KWH, LCL, LGT, LTP, LPS, MAX, MDF, MOC, MCB, M.C., M, M, MV, MH, MIN., MCA, MCC, MCM, MCP, MFR, MTD, MW, N, NATS, NEC, NEMA, NC, NF, NI, N.L.T.S., NL, OFCI, O, P, %, -R, PC, PVC, PDU, PRIMARY, PROVIDE, REC. RECEPT, REF, RGS, RMS, SCC, SCS, SFD, TV, T.V.S.S., TYP, U.G.P.S., U.O.N., U.P.S., VA, VD, VL, WP, XFRM, XX, LIGHTING, LOW PRESSURE SODIUM, MAXIMUM, MAIN DISTRIBUTION FRAME, MAXIMUM OVERCURRENT PROTECTION, MAIN CIRCUIT BREAKER, MAIN LUGS ONLY, MECHANICAL CONTRACTOR, METER, METER MAIN, MERCURY VAPOR, METAL HALIDE, MINIMUM, MINIMUM CIRCUIT AMPS, MOTOR CONTROL CENTER, THOUSAND CIRCULAR MILS, MOTOR CIRCUIT PROTECTOR, MANUFACTURER, MOUNTED, MICROWAVE, NEW EQUIP., NON AUTOMATIC DISCONNECT, NATIONAL ELECTRICAL CODE, NATIONAL ELECTRICAL MANUFACTURERS' ASSOCIATION, NORMALLY CLOSED, NON-NORMALLY OPENED, NON-FUSED, NOT IN CONTRACT, NOT TO SCALE, NIGHT LIGHT, NUMBER, OWNER FURNISHED, CONTRACTOR INSTALLED, PERCENT IMPEDANCE, PHASE, PHOTOCELL, POLY VINYL CHLORIDE, POWER DISTRIBUTION UNIT, OVER 600 VOLTS, FURNISH, INSTALL AND CONNECT, RECEPTACLE, REFRIGERATOR, REINFORCED STEEL, ROOT MEAN SQUARE, SHORT CIRCUIT CURRENT, STRUCTURED CABLING SYSTEM, SMOKE FIRE DAMPER, 600 VOLTS AND LESS, TELEVISION, TRANSIENT VOLTAGE SURGE SUPPRESSION, TYPICAL, UNDERGROUND PULL SECTION, UNLESS OTHERWISE NOTED, UNINTERRUPTIBLE POWER SYSTEM, VOLTS, VOLT AMPERES, VOLTAGE DROP, VERIFY LOCATION, WEATHER-PROOF, TRANSFORMER, EXISTING EQUIP. TO BE DEMOD

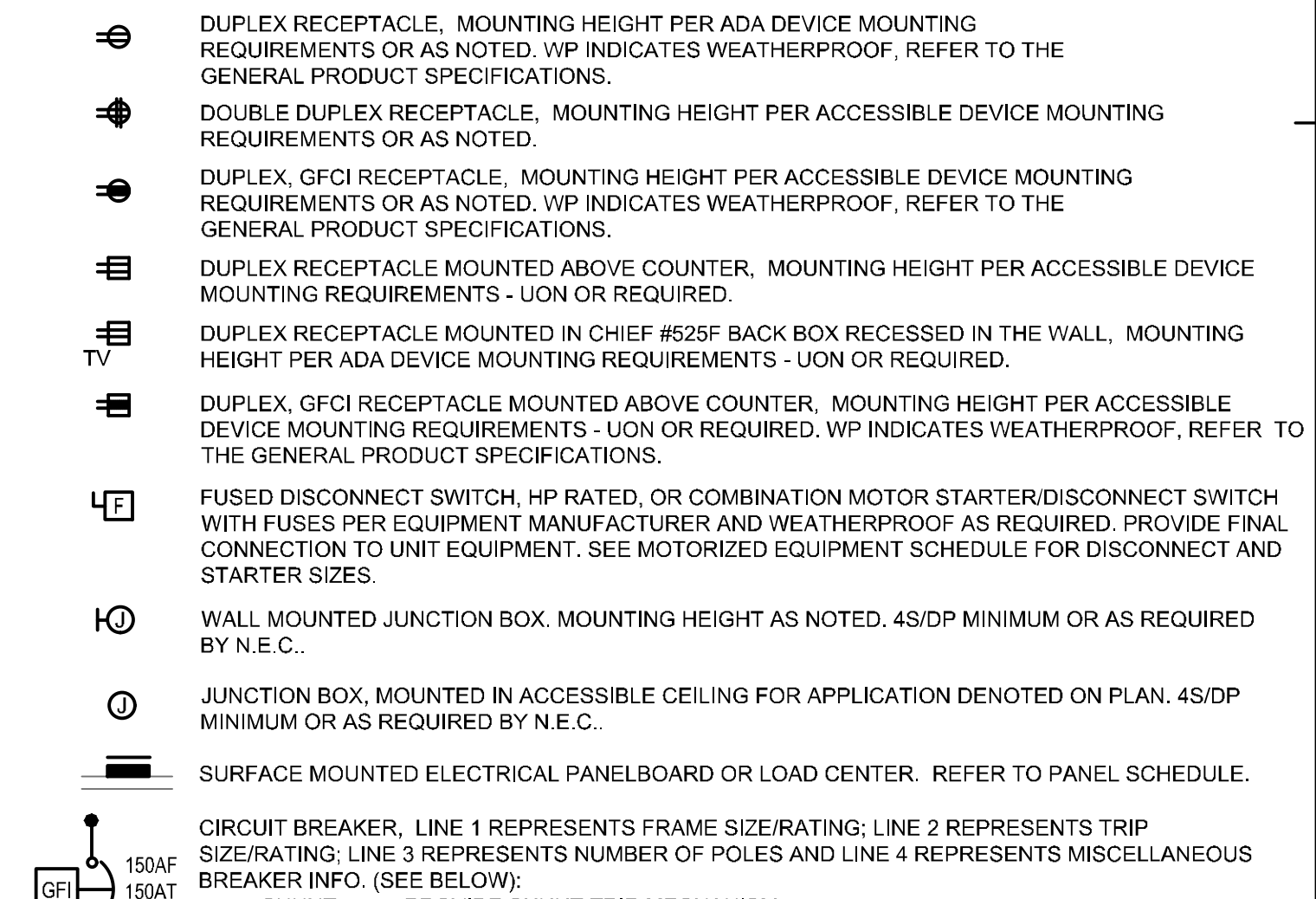
BRANCH CIRCUIT SYMBOLS



ANNOTATIONS



POWER SYMBOLS



PIPING, DUCTWORK AND ELEC. DIST. SYSTEM BRACING NOTE

PIPING, DUCTWORK, AND ELECTRICAL DISTRIBUTION SYSTEMS SHALL BE BRACED TO COMPLY WITH THE FORCES AND DISPLACEMENTS PRESCRIBED IN ASCE 7-16 PER OSHPD CAN 1-0 AND 2019 CBC, SECTIONS 1617A.
THE METHOD OF SHOWING BRACING AND ATTACHMENTS TO THE STRUCTURE FOR THE IDENTIFIED DISTRIBUTION SYSTEM ARE AS NOTED BELOW. WHEN BRACING AND ATTACHMENTS ARE BASED ON A PRE-APPROVED INSTALLATION GUIDE (E.G. OSHPD OPM), COPIES OF THE BRACING SYSTEM INSTALLATION GUIDE OR MANUAL SHALL BE AVAILABLE ON THE JOBSITE PRIOR TO THE START OF THE HANGING AND BRACING OF THE DISTRIBUTION SYSTEMS. THE STRUCTURAL ENGINEER OF RECORD SHALL VERIFY THE ADEQUACY OF THE STRUCTURE TO SUPPORT THE HANGER AND BRACE LOADS.
MECHANICAL PIPING (MP, MECHANICAL DUCTS (MD), PLUMBING PIPING (PP), ELECTRICAL DISTRIBUTION SYSTEMS (E):
Option 1: DETAILED ON THE APPROVED DRAWINGS WITH PROJECT SPECIFIC NOTES AND DETAILS
Option 2: SHALL COMPLY WITH THE APPLICABLE OSHPD PRE-APPROVAL (OPM #) #0043-13 or 0052-13 NOTE.
ALL LOW VOLTAGE CONDUIT FOR MECHANICAL CONTROLS PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR. SEE MECHANICAL DRAWINGS FOR LOCATIONS.

CONDUIT GRAVITY SUPPORT AND SEISMIC BRACING NOTES FOR DEFERRED SUBMITTALS

- 1. SUPPORT AND BRACING FOR CONDUIT INSTALLED WITH THIS SCOPE OF SERVICES IS TO BE PROVIDED AND INSTALLED PER OPM-0043-13 MASON SEISMIC RESTRAINT COMPONENTS FOR SUSPENDED UTILITIES OR OTHER APPROVED OSHPD OPM.
2. LAYOUT DRAWINGS IDENTIFYING/DEMONSTRATING THE BRACING/SUPPORT LOCATIONS AND REFERENCES TO DETAILS FROM THE RELEVANT OSHPD PRE-APPROVALS ARE TO BE SUBMITTED FOR USE BY THE INSPECTOR OF RECORD AND OSHPD FIELD STAFF. THE LAYOUT DRAWINGS ARE TO BE PREPARED BY THE SUBCONTRACTOR AND SIGNED BY A LICENSED STRUCTURAL ENGINEER PER ASCE 7 CHAPTER 16/OSHPD CAN 1-0 AS MODIFIED BY 2019 CBC SECTIONS 1617A. REFERENCES TO DETAILS FROM THE OSHPD PRE-APPROVAL ARE TO BE FOR AN ENTIRE DETAIL AS SUBMITTED OR REFERENCE IS TO BE PREPARED FOR EACH ASPECT OF A SUBMITTED DETAIL. CUSTOM DETAILS ARE TO BE PROVIDED FOR SITUATIONS WHERE OSHPD PRE-APPROVALS DO NOT APPLY. AT LEAST 4-WEEKS PRIOR TO BEGINNING INSTALLATION FOUR COPIES OF THE PLANS ARE TO BE SUBMITTED TO THE ARCHITECT OF RECORD WHO WILL SUBMIT THEM TO THE STRUCTURAL ENGINEER OF RECORD FOR REVIEW AND APPROVAL. AFTER THIS APPROVAL DRAWINGS WILL BE SUBMITTED TO THE OSHPD DISTRICT STRUCTURAL ENGINEER FOR REVIEW AND APPROVAL. THE PLANS SHALL BE COORDINATED WITH THE PLANS AND OTHER TRADES. A COPY OF THE CHOSEN BRACING SYSTEM INSTALLATION GUIDED/MANUAL IS REQUIRED TO BE ON THE JOBSITE PRIOR TO THE START OF INSTALLATION.
3. THE STRUCTURAL ENGINEER WILL DETERMINE THE APPROPRIATE SEISMIC FORCES BASED ON THE DESIGN CRITERIA INCLUDED IN THE STRUCTURAL DRAWINGS.
4. ONCE THE LOCATIONS OF ALL CONDUIT HAVE BEEN ESTABLISHED, THE STRUCTURAL ENGINEER MUST CHECK THE ADEQUACY OF THE SUPPORTING STRUCTURE TO ENSURE THAT THE ORIGINAL DESIGN IS STILL ADEQUATE. THE INSPECTOR OF RECORD IS TO ENSURE THAT ALL WORK IS PROPERLY INSTALLED PER THE APPLICABLE OSHPD PRE-APPROVAL.

MISCELLANEOUS SYMBOLS

- 1. ON/OFF WALL MOUNTED DIGITAL SWITCH WITH RAISE/LOWER. MOUNT PER ADA DEVICE MOUNTING DETAIL U.O.N. LOWER CASE LETTER REFERS TO QUANTITY OF DEVICES AND REFERENCES CORRESPONDING FIXTURE SWITCH LEG(S). DEVICE TO BE NIGHT #P0DM 4X (COLOR PER ARCHITECT) OR APPROVED EQUAL DEVICE. REFER TO LIGHTING CONTROL WIRING DIAGRAM DETAIL 2 ON E0-02 FOR ADDITIONAL REQUIREMENTS.
2. 2-CHANNEL ON/OFF WALL MOUNTED DIGITAL SWITCH WITH RAISE/LOWER. MOUNT PER ADA DEVICE MOUNTING DETAIL U.O.N. LOWER CASE LETTER REFERS TO QUANTITY OF DEVICES AND REFERENCES CORRESPONDING FIXTURE SWITCH LEG(S). DEVICE TO BE NIGHT #P0DM 2P DX (COLOR PER ARCHITECT) OR APPROVED EQUAL DEVICE. REFER TO LIGHTING CONTROL WIRING DIAGRAM DETAIL 2 ON E0-02 FOR ADDITIONAL REQUIREMENTS.
4. 4-CHANNEL ON/OFF WALL MOUNTED DIGITAL SWITCH WITH RAISE/LOWER. MOUNT PER ADA DEVICE MOUNTING DETAIL U.O.N. LOWER CASE LETTER REFERS TO QUANTITY OF DEVICES AND REFERENCES CORRESPONDING FIXTURE SWITCH LEG(S). DEVICE TO BE NIGHT #P0DM 4P DX (COLOR PER ARCHITECT) OR APPROVED EQUAL DEVICE. REFER TO LIGHTING CONTROL WIRING DIAGRAM DETAIL 2 ON E0-02 FOR ADDITIONAL REQUIREMENTS.
4-SCENE ON/OFF WALL MOUNTED DIGITAL SWITCH WITH RAISE/LOWER. MOUNT PER ADA DEVICE MOUNTING DETAIL U.O.N. LOWER CASE LETTER REFERS TO QUANTITY OF DEVICES AND REFERENCES CORRESPONDING FIXTURE SWITCH LEG(S). DEVICE TO BE NIGHT #P0DM 4S DX (COLOR PER ARCHITECT) OR APPROVED EQUAL DEVICE. REFER TO LIGHTING CONTROL WIRING DIAGRAM DETAIL 2 ON E0-02 FOR ADDITIONAL REQUIREMENTS.
WALL MOUNTED PASSIVE INFRARED OCCUPANCY SENSOR. MOUNT PER ADA DEVICE MOUNTING DETAIL. DEVICE TO BE WATTSTOPPER #DW-200 OR APPROVED EQUAL DEVICE.
NIGHT #PP16 D ER SA RELAY PACK FOR VACANCY MODE CONTROL OF EMERGENCY LIGHTING DEVICE IS TO BE MOUNTED TO A 4S BOX ABOVE THE CEILING IN AN ACCESSIBLE LOCATION AND INTERFACED WITH ROOM/SPACE OCCUPANCY SENSOR(S) AND DIGITAL SWITCH DEVICES. OWNER CASE LETTER REFERS TO QUANTITY OF DEVICES AND REFERENCES CORRESPONDING FIXTURE SWITCH LEG(S). REFER TO LIGHTING CONTROL WIRING DIAGRAM DETAIL 2 ON E0-02 FOR ADDITIONAL REQUIREMENTS.
NIGHT #PP16 D SA RELAY PACK FOR CONTROL OF NORMAL LIGHTING DEVICE IS TO BE MOUNTED TO A 4S BOX ABOVE THE CEILING IN AN ACCESSIBLE LOCATION AND INTERFACED WITH ROOM/SPACE OCCUPANCY SENSOR(S) AND DIGITAL SWITCH DEVICES. OWNER CASE LETTER REFERS TO QUANTITY OF DEVICES AND REFERENCES CORRESPONDING FIXTURE SWITCH LEG(S). REFER TO LIGHTING CONTROL WIRING DIAGRAM DETAIL 2 ON E0-02 FOR ADDITIONAL REQUIREMENTS.
NOTE: ALL LIFE SAFETY AND CRITICAL FEEDER/BRANCH CIRCUITS WILL NEED TO BE MECHANICALLY PROTECTED TO COMPLY WITH CEC 517.30(C)(3).

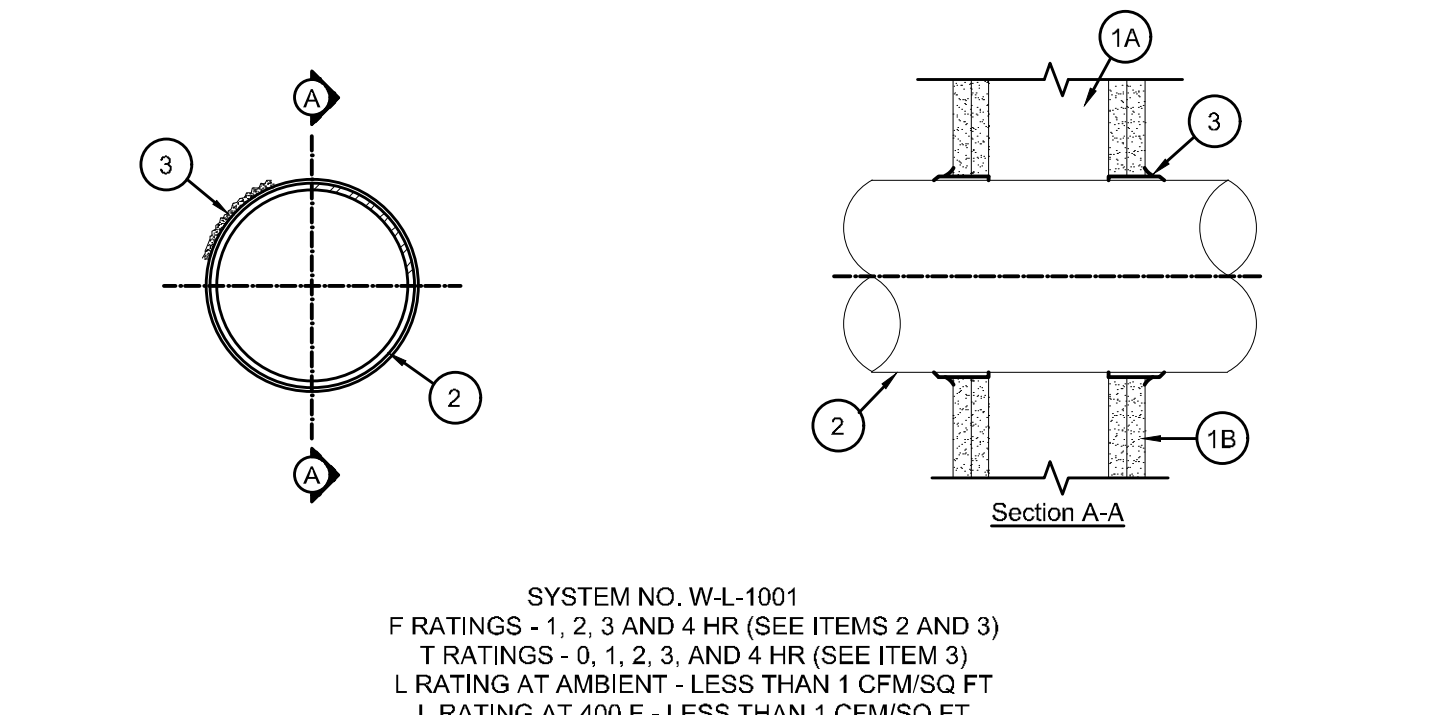
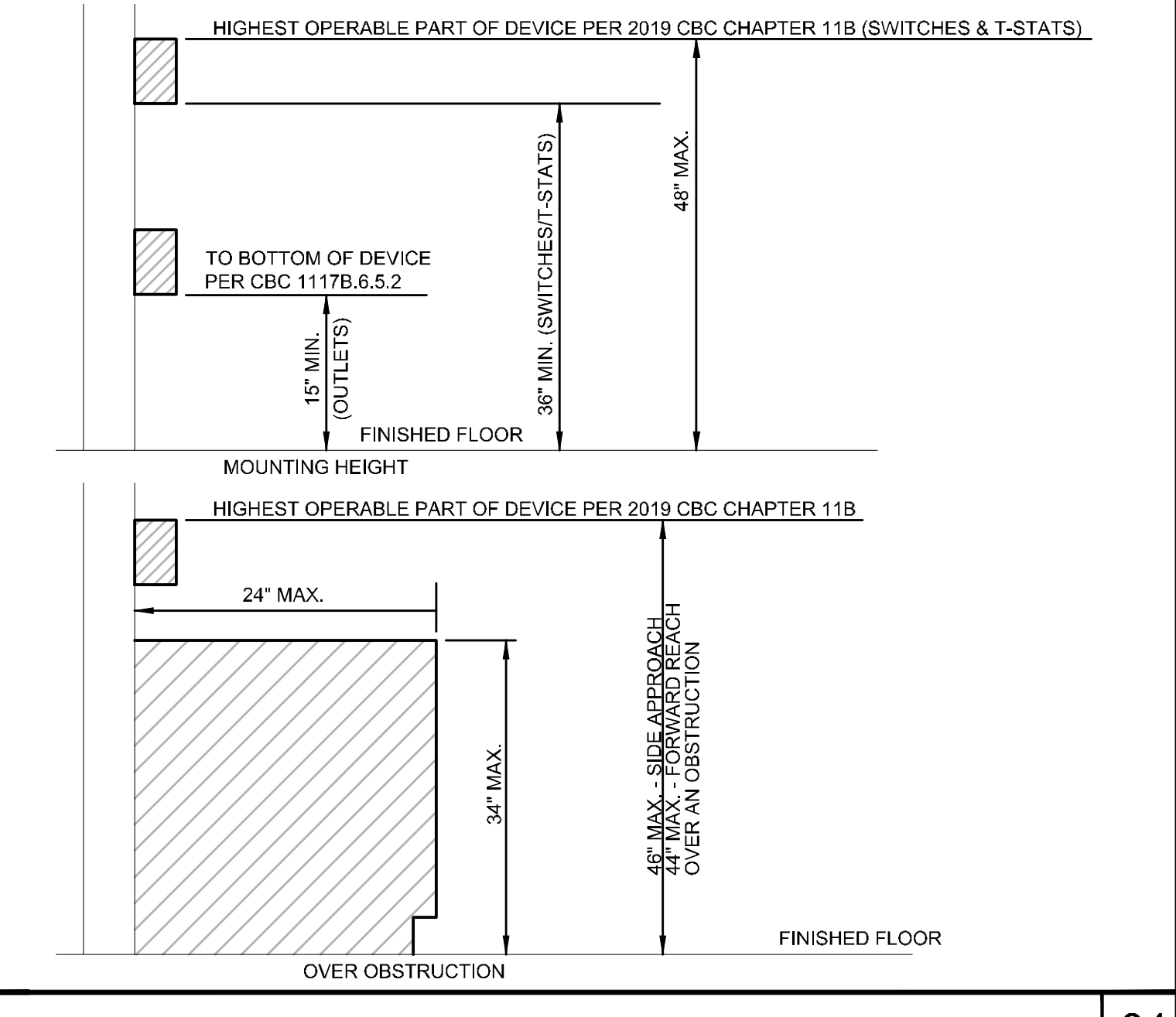


Table for fire rated penetration detail (TYP.) with columns for Max Pipe or Conduit, Annular Space, F Rating, and T Rating. Includes notes about copper pipe use and minimum thickness requirements.



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www.sfeirarch.com

TCMC MRI

Tri-City Medical Center

4002 VISTA WAY OCEANSIDE, CA, 92056

OWNER: TRI-CITY MEDICAL CENTER
ARCHITECT: SFEIR ARCHITECTS
STRUCTURAL: MIYAMOTO INTERNATIONAL, INC.
MECHANICAL & PLUMBING: SC ENGINEERS, INC.
ELECTRICAL: AG DESIGN, INC.
SHIELDING: MRI SHIELDING CORPORATION
INTERIORS: ISLEY DESIGN & PLANNING



Table with columns for REV, DESCRIPTION, and DATE, listing design and construction changes.

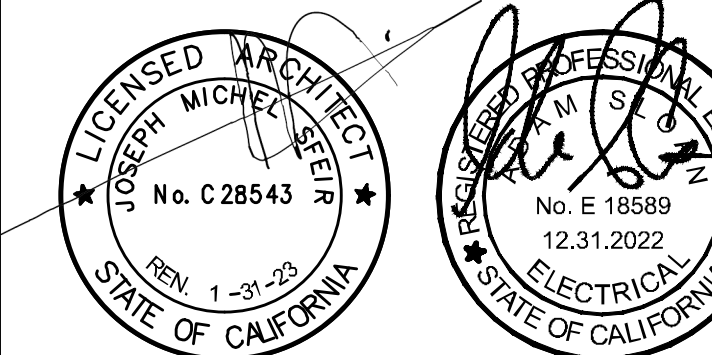
Project information section including Project Title (TCMC MRI), Project No., Drawing No., Scale, and Date (03/11/2020).

TCMC MRI

Tri-City Medical
Center

4002 VISTA WAY
OCEANSIDE CA, 92056

- OWNER: TRI-CITY MEDICAL CENTER
4002 VISTA WAY
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TEL(619)299-3917
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5550 BALTIMORE DRIVE, SUITE 100
LA MESA, CALIFORNIA 91942
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17075 VIA DEL CAMPO
SAN DIEGO, CALIFORNIA 92127
TEL(658)946-0333
- ELECTRICAL: AG DESIGN, INC.
171 S. ANITA DR. SUITE 111
ORANGE, CALIFORNIA 92668
TEL(714)759-9900
- SHIELDING: MRI SHIELDING CORPORATION
3554 BUSINESS PARK DR., SUITE B
COSTA MESA, CA 92626
TEL(714)545-7700
- INTERIORS: ISLEY DESIGN & PLANNING
1982 PALSERO AVENUE
ESCONDIDO, CA 92029
TEL(760)484-0455



△	OSHPD COMMENTS	8/3/2020
△	DESIGN CHANGES	8/10/2020
△	OSHPD COMMENTS	10/2/2020
△	OSHPD COMMENTS	11/24/2020
△	DESIGN CHANGES	11/24/2020
△	ACD 0001 DESIGN CHANGES	4/14/2021

REV	DESCRIPTION	DATE

CONSULTANT
AG Design Inc.
Consulting Electrical Engineers
714.769.9900
www.AGDesignEng.com

171 S. Anita Dr., Ste. 111 | Orange, CA 92668

OSHPD APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

SHEET TITLE:
**SIDE YARD & STAFF
ENTRY
DEMO PLAN**

PROJECT TITLE:

TCMC MRI

PROJECT # 01907.01/AGD 20-0001 SHEET NUMBER:

DRAWN BY: STAFF

CHECKED BY: ARS

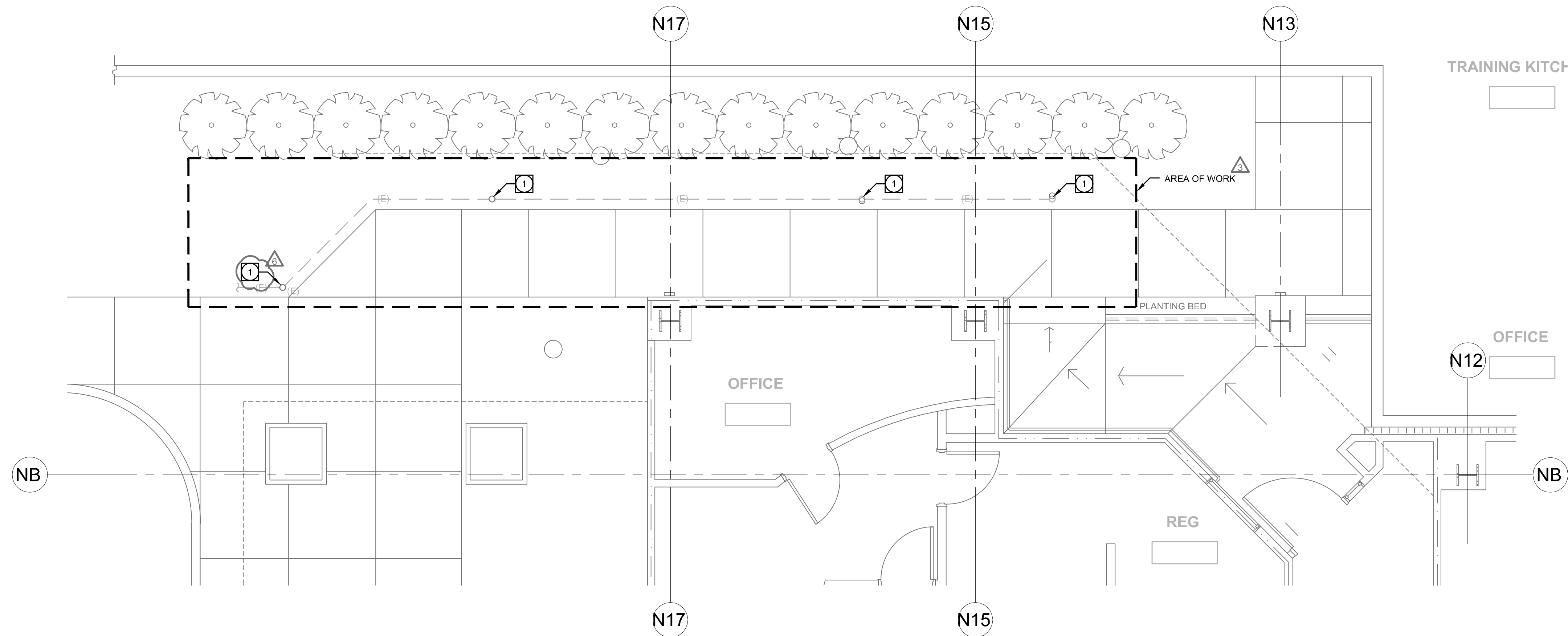
SCALE: PER TITLE

DATE: 03/11/2020

E1-10

KEYNOTES

- ① EXISTING LIGHTING FIXTURE TO BE CAREFULLY REMOVED AND STORED FOR RE-INSTALLATION DURING REMODEL PHASE. EXISTING ELECTRICAL CONNECTIONS ARE TO BE SAFFED OFF IN THE NEAREST J-BOX. ALL EXISTING CONDUIT, BRANCH CIRCUIT CONDUCTORS, ETC. ARE TO BE PROTECTED IN PLACE. COORDINATE REQUIREMENTS WITH EXISTING FIELD CONDITIONS AND OTHER TRADES PRIOR TO COMMENCEMENT OF WORK.



① NORTH SIDE YARD & STAFF ENTRY DEMO
1/4" = 1'-0"

DEMOLITION NOTES

- A. EXISTING ITEMS SCHEDULED TO REMAIN SHALL BE PROTECTED IN PLACE AND MAINTAINED BY THE CONTRACTOR. DAMAGE TO EXISTING EQUIPMENT, STRUCTURES, SYSTEMS AND SERVICES ARE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE RESTORED OR REPLACED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE AT THE CONTRACTOR'S EXPENSE.
- B. ITEMS SCHEDULED TO BE DEMOLISHED SHALL BE DISPOSED OF BY THE CONTRACTOR.
- C. UTILITIES PREVIOUSLY SERVING DEMOLISHED ITEMS SHALL BE CAPPED BEHIND ADJACENT FINISHED SURFACES UNLESS OTHERWISE DIRECTED IN THE CONTRACT DOCUMENTS. SEE MECHANICAL AND ELECTRICAL.
- D. DAMAGED OR PREVIOUSLY UNFINISHED SURFACES SHALL BE RESTORED, PATCHED OR FINISHED TO MATCH ADJACENT FINISHED SURFACES.
- E. THE DEMOLITION PLAN AND NOTES ARE PRESENTED AS GENERAL INFORMATION ONLY AND ARE NOT INTENDED TO REPRESENT A COMPREHENSIVE ACCOUNTING OF ALL CONDITIONS PRESENT AT THE PROJECT SITE. THE CONTRACTOR IS RESPONSIBLE FOR PREPARING THE SITE AS REQUIRED TO COMPLETE THE CONSTRUCTION OF THE FINISHED PROJECT AS DESIGNED AND DETAILED IN THE CONTRACT DOCUMENTS.

DEMOLITION ABBREVIATIONS:

- E = EXISTING DEVICE, EQUIPMENT, WIRING PATH, ETC. TO REMAIN UNDISTURBED. CONTRACTOR IS TO ENSURE DEVICE IS PROTECTED IN PLACE AND UNDAMAGED DURING DEMOLITION/REMODEL SCOPE OF WORK.
- XX = EXISTING DEVICE, EQUIPMENT, WIRING PATH, ETC. TO BE DEMOLISHED AND REMOVED COMPLETE. CONTRACTOR IS RESPONSIBLE FOR ENSURING CONTINUITY OF CIRCUIT TO ALL DEVICES WHICH ARE EXISTING TO REMAIN AND CONNECTED TO THE SAME CIRCUIT. CONTRACTOR TO PATCH AND REPAIR SURFACE TO MATCH EXISTING ONCE DEVICE HAS BEEN REMOVED. FIELD COORDINATE REQUIREMENTS WITH EXISTING CONDITIONS AND DEMOLITION SCOPE OF WORK.

KEYNOTES

- 1 EXISTING BOLLARD REMOVED DURING DEMOLITION TO BE REINSTALLED IN SAME LOCATION UTILIZING EXISTING CONCRETE BASE, ANCHOR BOLTS, ETC. CONTRACTOR TO EXTEND AND CONNECT EXISTING CIRCUIT SAFED OFF DURING DEMOLITION TO FIXTURE. COORDINATE LOCATION AND REQUIREMENTS WITH EXISTING FIELD CONDITIONS PRIOR TO COMMENCEMENT OF WORK.

S F E I R ARCHITECTS

5151 Shoreham Pl, Suite 265
San Diego, CA 92122

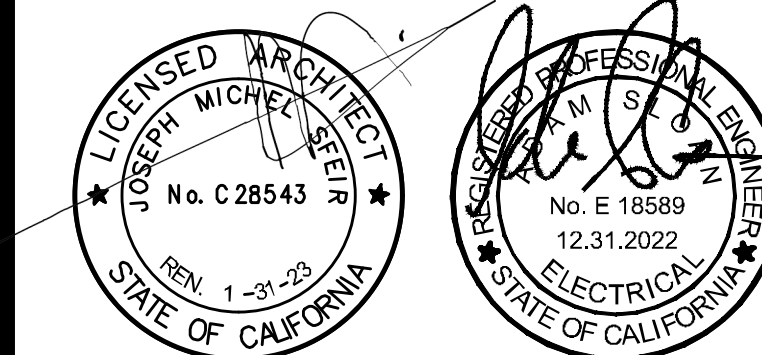
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TCMC MRI

Tri-City Medical
Center

4002 VISTA WAY
OCEANSIDE CA, 92056

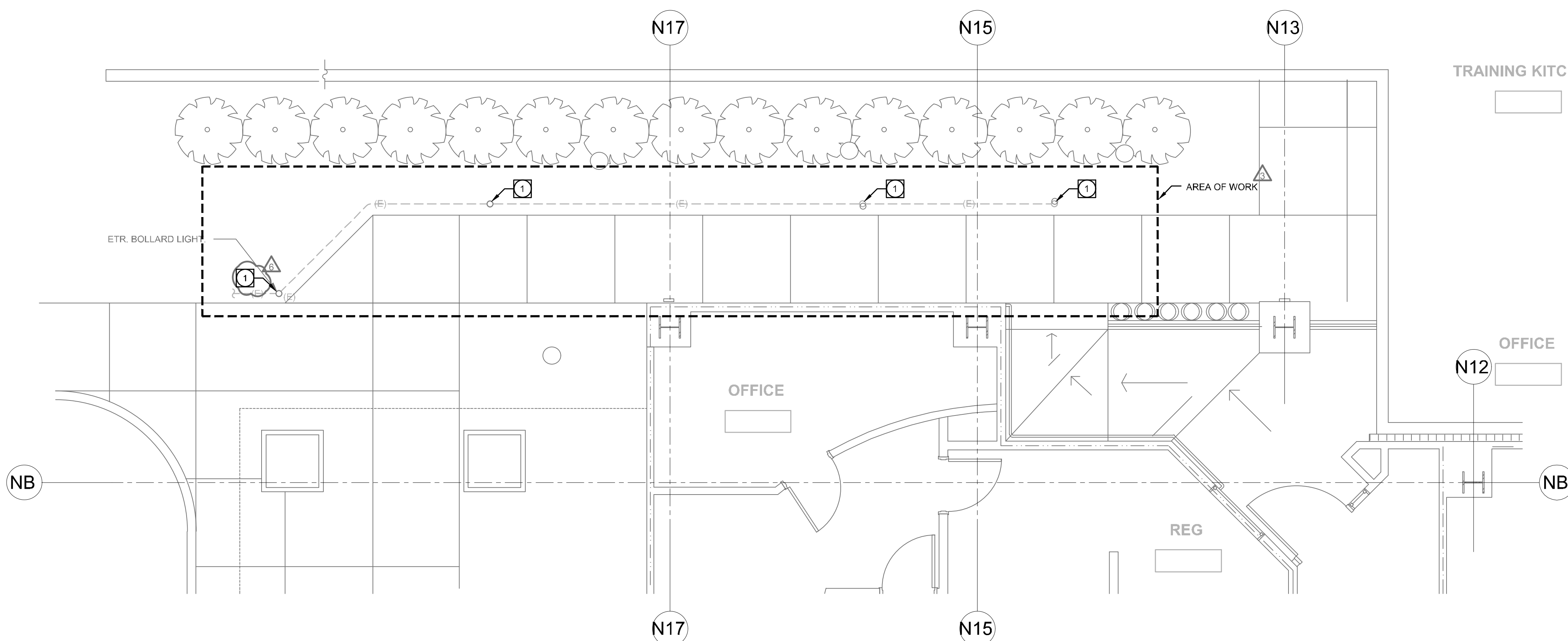
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REV	DESCRIPTION	DATE
△	OSHPD COMMENTS	8/3/2020
△	DESIGN CHANGES	8/10/2020
△	OSHPD COMMENTS	10/2/2020
△	OSHPD COMMENTS	11/24/2020
△	DESIGN CHANGES	11/24/2020
△	ACD 0001 DESIGN CHANGES	4/14/2021

GENERAL NOTES

- ALL EMPTY CONDUIT ARE TO BE PROVIDED WITH AN ADEQUATELY SIZED NYLON PULL ROPE.
- ELECTRICAL CONTRACTOR SHALL REFER TO MECHANICAL/PLUMBING AND ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND CHARACTERISTICS OF ALL EQUIPMENT LISTED IN SCHEDULE. ANY MODIFICATIONS AND/OR ADDITIONAL WORK NECESSARY SHALL BE INCLUDED IN THE BASE BID.
- ELECTRICAL CONTRACTOR SHALL VERIFY THE LOCATION OF ALL CONNECTION POINTS WITH THE EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.
- ELECTRICAL CONTRACTOR SHALL PROVIDE LOCAL REMOTE DISCONNECTING MEANS FOR ALL ELECTRIC HEATING EQUIPMENT IF REQUIRED BY THE LOCAL ELECTRICAL CODE.
- HOME-RUNS ONLY ARE REFERENCED ON PLANS. IN ADDITION CONDUIT PATHWAYS BETWEEN DEVICES ARE NOT INCLUDED TO PROVIDE THE INSTALLING CONTRACTOR THE FLEXIBILITY TO INSTALL ALL CONDUIT AND WIRE IN THE MOST EFFICIENT AND NEAT MANNER POSSIBLE. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL REQUIRED CONDUIT AND CONDUCTORS AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM. REFER TO COVER SHEET E0-00 FOR GENERAL BRANCH CIRCUIT SIZING AND REQUIREMENTS.
- COORDINATE LOCATIONS AND MOUNTING HEIGHTS FOR ALL DEVICES IN CONTROL ROOM, EQUIPMENT ROOM AND PROCEDURE ROOM WITH VENDOR DRAWINGS AND ELEVATIONS PRIOR TO ROUGH-IN OF ELECTRICAL.
- IN INSTANCES WHERE A BRANCH CIRCUIT IS REFERENCED MORE THAN ONCE ON A SEPARATE HOME-RUN, THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING A J-BOX ABOVE THE PANELBOARD TO CONSOLIDATE CIRCUITS INTO ONE (1) SINGLE BRANCH CIRCUIT CONNECTION BY SPLICING ALL CONDUCTORS TOGETHER AND ROUTING ONE (1) SINGLE CONDUIT AND GROUP OF BRANCH CIRCUIT CONDUCTORS FROM THE J-BOX TO THE ASSOCIATED TERMINATIONS WITHIN THE PANELBOARD.
- ALL CONDUITS, FEEDERS, ETC. ARE TO BE EQUIPPED WITH A CODE SIZED GREEN GROUNDING CONDUCTOR.
- CONTRACTOR IS TO PROVIDE AND INSTALL A 4S J-BOX ABOVE THE CEILING AT EACH RECEPTACLE/DEVICE LOCATION THEN EXTEND REQUIRED/PROPERLY SIZED CONDUIT AND WIRE FROM J-BOX AND TERMINATE AT EACH DEVICE. IT IS NOT PERMITTED TO CONNECT DEVICES WITHIN THE SAME AND/OR ADJACENT/DIFFERENT ROOMS.
- NO MC AND/OR FLEX CONNECTIONS ARE PERMITTED FOR USE EXCEPT FOR WHEN CONNECTIONS ARE BEING MADE FROM A J-BOX TO A LIGHT FIXTURE OR OTHER SIMILAR DEVICE INSTALLED ABOVE THE CEILING. ALL OUTLETS/DEVICES INSTALLED WITHIN WALLS ARE TO BE CONNECTED WITH HARD PIPE EMT CONDUIT AND WIRE.
- ALL CONDUIT, J-BOXES, 6-0" FLEXIBLE CONNECTIONS TO FIXTURES, METALLIC PARTS, MOUNTING HARDWARE, ETC. INSTALLED WITHIN THE MRI ROOM ARE TO BE GROUND ALUMINUM CONDUITS. COORDINATE REQUIREMENTS WITH FIELD CONDITIONS PRIOR TO ROUGH-IN OF ELECTRICAL.



1 NORTH SIDE YARD & STAFF ENTRY PLAN
1/4" = 1'-0"

SIDE YARD & STAFF ENTRY PLAN

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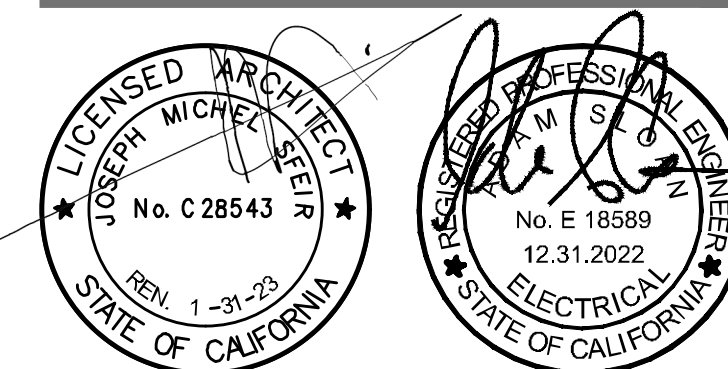
E1-11

TCMC MRI

Tri-City Medical
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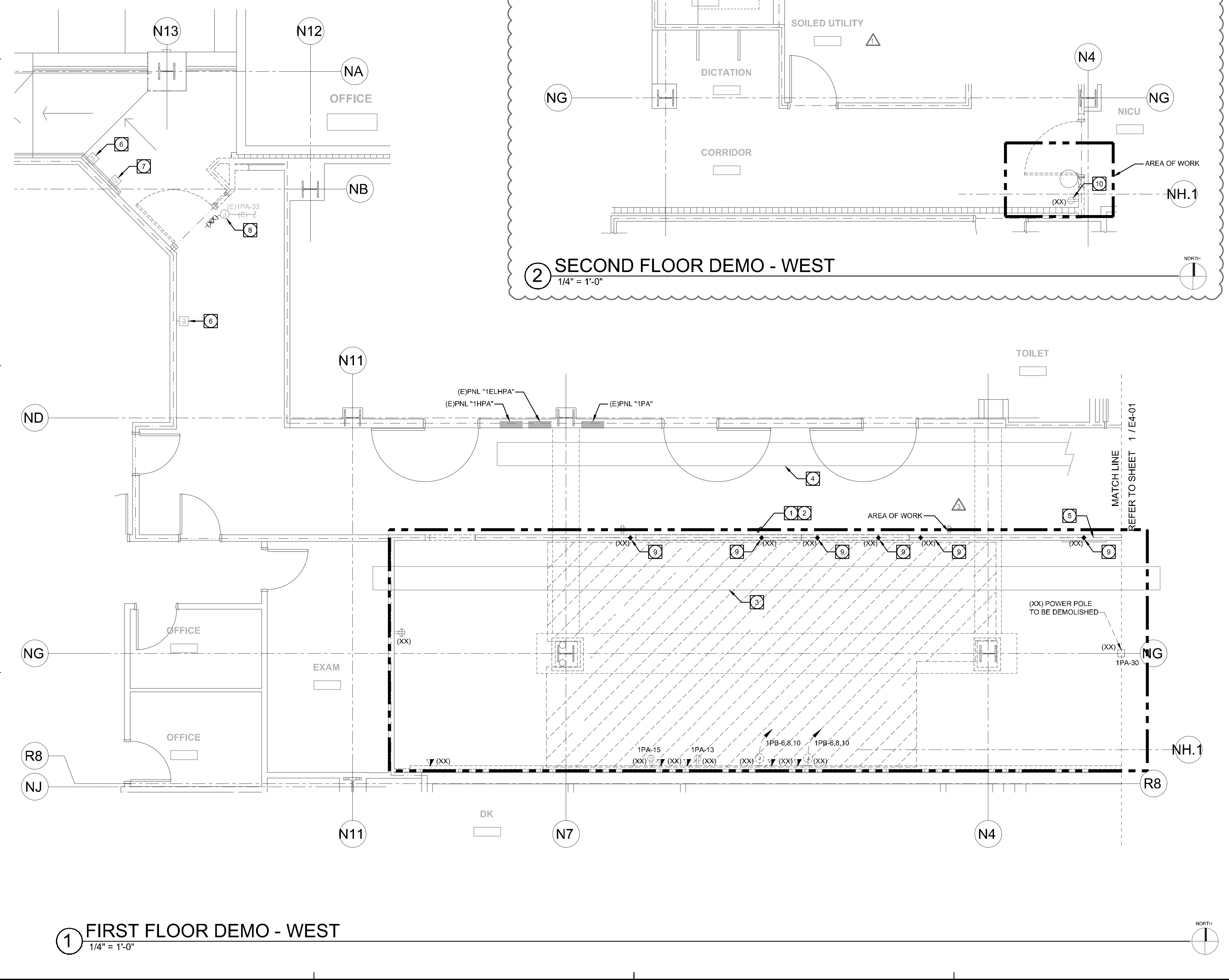
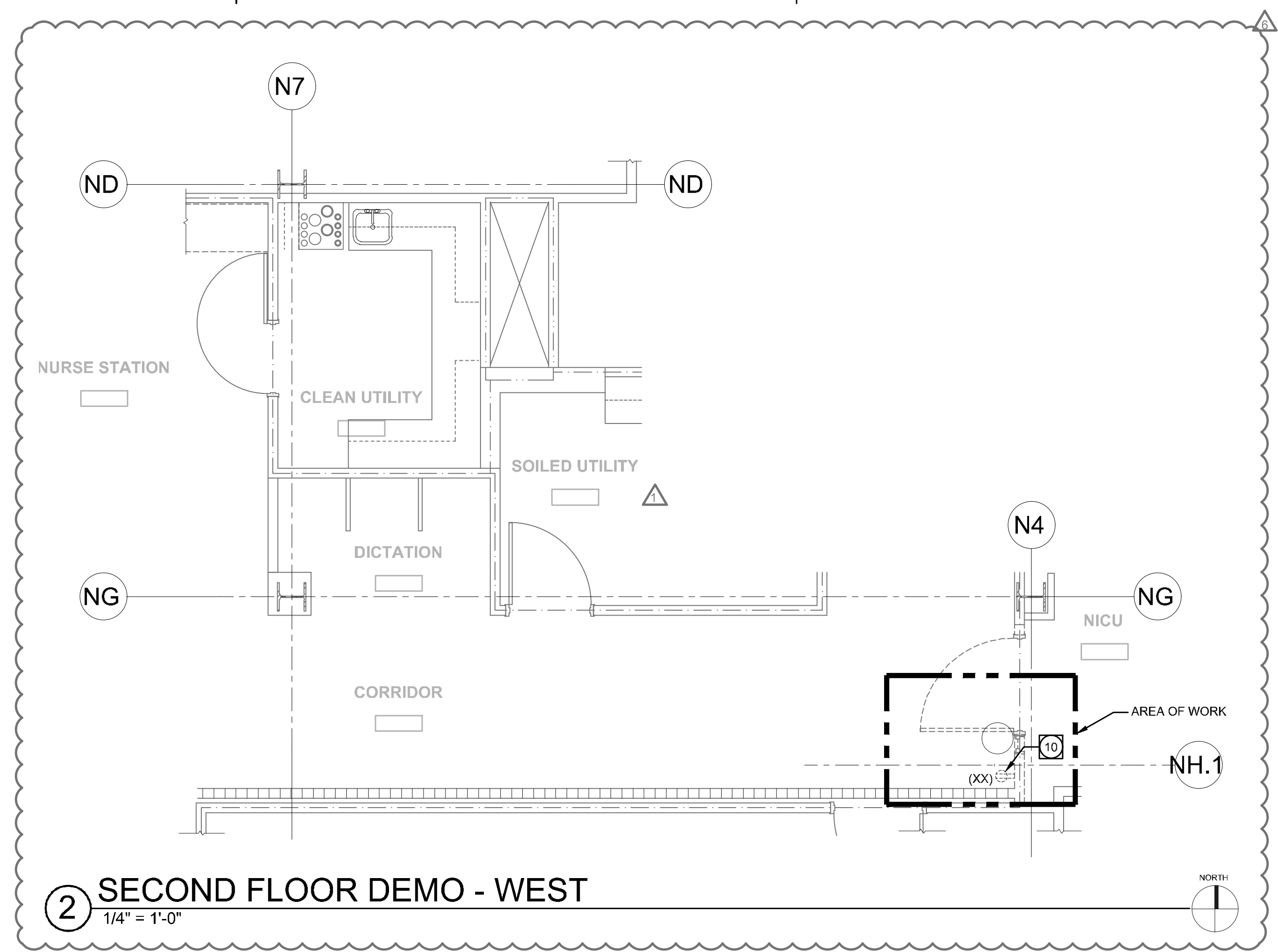
KEYNOTES

- 1 AS PART OF THE CONTRACTOR'S SCOPE OF SERVICES A THOROUGH AND COMPREHENSIVE AS-BUILT DOCUMENTATION PROCESS OF ALL EXISTING ELECTRICAL DEVICE LOCATIONS, TYPES, ETC. AND ALL BRANCH CIRCUITING IS REQUIRED TO BE PERFORMED PRIOR TO COMMENCEMENT OF DEMOLITION SCOPE OF WORK. WORK IS TO BE PERFORMED AFTER HOURS AND IN A MANNER WHICH MINIMIZES THE IMPACT TO EXISTING HOSPITAL FUNCTIONS.
- 2 CONTRACTOR IS RESPONSIBLE FOR SAFE-OFF AND DEMOLITION OF ALL EXISTING ELECTRICAL OUTLETS, RECEPTACLES, POWER CONNECTIONS, ETC. AS NOTED/IDENTIFIED TO BE DEMOLISHED AND REMOVED COMPLETE WITH AN "XX". TRACE ALL EXISTING CIRCUIT BACK TO NEAREST PANEL PRIOR TO DEMOLITION. UPDATE ALL PANEL DIRECTORIES AS REQUIRED REFERENCING SPARES AND ANY OTHER PERTINENT UPDATES WHICH RESULT FROM THE DEMOLITION. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ELECTRICAL CONTINUITY TO DEVICES, EQUIPMENT, LIGHTING FIXTURES, ETC. WHICH ARE EXISTING TO REMAIN IN ADJACENT SPACES.
- 3 EXISTING CONDUIT TRAPEZE WITH TWO (2) 3/4", ONE (1) 1" AND ONE (1) 1-1/4" CONDUIT ROUTED OVERHEAD. CONTRACTOR TO INCLUDE PROVISIONS TO RELOCATE CONDUITS TO ACCOMMODATE OVERHEAD DUCT WORK AND SHIELDING INSTALLED WITH THIS SCOPE OF WORK. CONTRACTOR IS RESPONSIBLE FOR TRACING ALL EXISTING CONDUITS FROM SOURCE TO ORIGIN AND PROVIDING AS-BUILT DOCUMENTS FOR REVIEW BY THE EOR OF RECORD PRIOR TO COMMENCEMENT OF WORK. INCLUDE PROVISION FOR TEMPORARY GENERATOR TO BACK-FEED EXISTING EQUIPMENT DURING THE RELOCATION. COORDINATE REQUIREMENTS WITH EXISTING FIELD CONDITIONS.
- 4 EXISTING CONDUIT TRAPEZE TO BE PROTECTED IN PLACE.
- 5 EXISTING GROUND SYSTEM INSTALLED WITHIN J-BOX IN EXISTING WALL TO BE PROTECTED IN PLACE AND MAINTAINED. CONTRACTOR TO PROVIDE ACCESS PANEL FROM CORRIDOR TO PROVIDE ACCESS TO THE CONDUCTORS WHICH ARE TO BE PROTECTED IN PLACE. BOX OUT AROUND CONDUIT OR WRAP IN FIRE PROOF CAULKING TO MAINTAIN WALL FIRE RATING. COORDINATE REQUIREMENTS WITH EXISTING FIELD CONDITIONS.
- 6 EXISTING WALL MOUNTED PUSH BUTTON CONTROL FOR DOOR/OVERHEAD DOOR CONTROLLER BEING DEMOLISHED AND REMOVED COMPLETE WITH THIS PROJECT. CONTRACTOR TO PROTECT DEVICE IN PLACE AND ALL ASSOCIATED WIRING FOR EXTENSION/CONNECTION TO REPLACEMENT DOOR DURING THE REMODEL PHASE. COORDINATE REQUIREMENTS WITH EXISTING FIELD CONDITIONS.
- 7 EXISTING WALL MOUNTED CARD READER CONTROL FOR DOOR/OVERHEAD DOOR CONTROLLER BEING DEMOLISHED AND REMOVED COMPLETE WITH THIS PROJECT. CONTRACTOR TO PROTECT DEVICE IN PLACE AND ALL ASSOCIATED WIRING FOR EXTENSION/CONNECTION TO REPLACEMENT DOOR DURING THE REMODEL PHASE. COORDINATE REQUIREMENTS WITH EXISTING FIELD CONDITIONS.
- 8 DEMOLISH EXISTING ELECTRICAL CONNECTION TO DOOR CONTROLLER BACK TO NEAREST J-BOX AND SAFE OFF FEEDER CONDUCTORS FOR RE-USE/ RECONNECTION DURING THE REMODEL PHASE. COORDINATE REQUIREMENTS WITH EXISTING FIELD CONDITIONS.
- 9 EXISTING FIRE SMOKE DAMPER TO BE DEMOLISHED AND REMOVED COMPLETE. CONTRACTOR RESPONSIBLE FOR TRACING EXISTING CIRCUIT PRIOR TO COMMENCEMENT OF DEMO TO DETERMINE BRANCH CIRCUIT POWERING THE DEVICE. UPDATE SCHEDULES/DIRECTORIES AS REQUIRED. COORDINATE REQUIREMENTS WITH EXISTING FIELD CONDITIONS AND OTHER TRADES.
- 10 DEMOLISH AND REMOVE EXISTING RECEPTACLE COMPLETE INCLUDING EXISTING CONDUIT/WIRE FROM DEVICE BACK TO NEAREST J-BOX. CONTRACTOR IS RESPONSIBLE FOR ENSURING ELECTRICAL POWER CONTINUITY IS MAINTAINED TO ALL UPSTREAM AND DOWNSTREAM DEVICES. COORDINATE REQUIREMENTS, BRANCH CIRCUIT INFORMATION, ETC. WITH EXISTING FIELD CONDITIONS PRIOR TO COMMENCEMENT OF WORK.

DEMOLITION NOTES

- A. EXISTING ITEMS SCHEDULED TO REMAIN SHALL BE PROTECTED IN PLACE AND MAINTAINED BY THE CONTRACTOR. DAMAGE TO EXISTING EQUIPMENT, STRUCTURES, SYSTEMS AND SERVICES ARE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE RESTORED OR REPLACED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE AT THE CONTRACTOR'S EXPENSE.
- B. ITEMS SCHEDULED TO BE DEMOLISHED SHALL BE DISPOSED OF BY THE CONTRACTOR.
- C. UTILITIES PREVIOUSLY SERVING DEMOLISHED ITEMS SHALL BE CAPPED BEHIND ADJACENT FINISHED SURFACES UNLESS OTHERWISE DIRECTED IN THE CONTRACT DOCUMENTS. SEE MECHANICAL AND ELECTRICAL.
- D. DAMAGED OR PREVIOUSLY UNFINISHED SURFACES SHALL BE RESTORED, PATCHED OR FINISHED TO MATCH ADJACENT FINISHED SURFACES.
- E. THE DEMOLITION PLAN AND NOTES ARE PRESENTED AS GENERAL INFORMATION ONLY AND ARE NOT INTENDED TO REPRESENT A COMPREHENSIVE ACCOUNTING OF ALL CONDITIONS PRESENT AT THE PROJECT SITE. THE CONTRACTOR IS RESPONSIBLE FOR PREPARING THE SITE AS REQUIRED TO COMPLETE THE CONSTRUCTION OF THE FINISHED PROJECT AS DESIGNED AND DETAILED IN THE CONTRACT DOCUMENTS. DESIGN IS BASED ON OF AS-BUILT DOCUMENTS AND VISUAL SITE SURVEYS. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS, CIRCUITING, CONDUIT ROUTING, ETC. WITH EXISTING FIELD CONDITIONS PRIOR TO AND THROUGHOUT DEMO/CONSTRUCTION.

- DEMOLITION ABBREVIATIONS:**
- E = EXISTING DEVICE, EQUIPMENT, WIRING PATH, ETC. TO REMAIN UNDISTURBED. CONTRACTOR IS TO ENSURE DEVICE IS PROTECTED IN PLACE AND UNDAMAGED DURING DEMOLITION/REMODEL SCOPE OF WORK.
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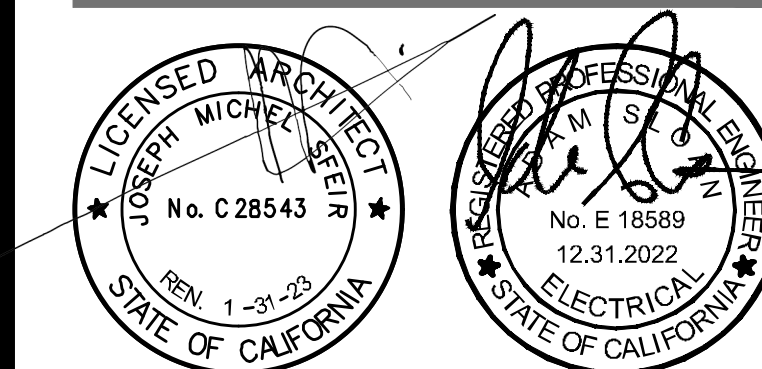


TCMC MRI

Tri-City Medical
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OCEANSIDE CA, 92056

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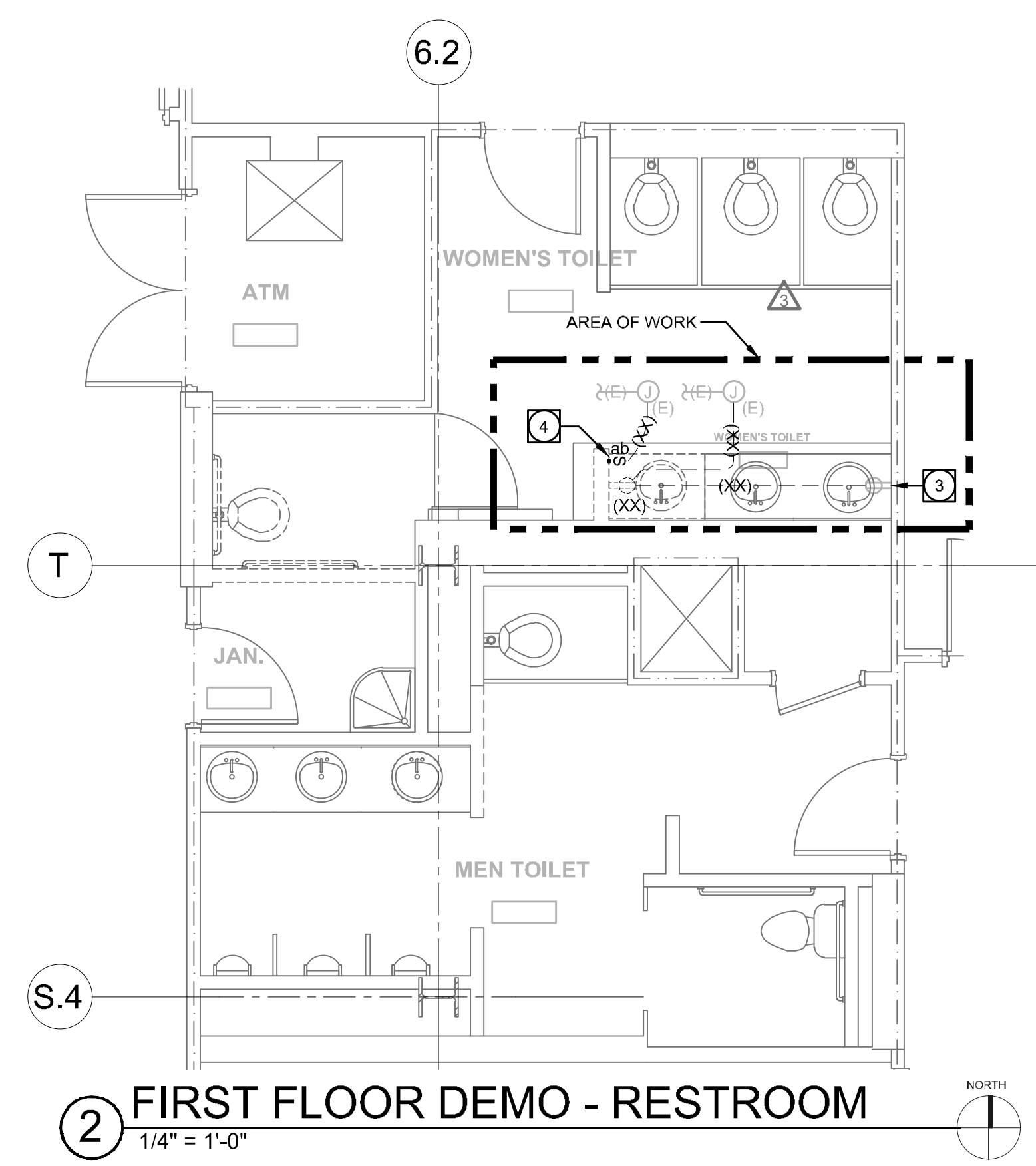
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KEYNOTES

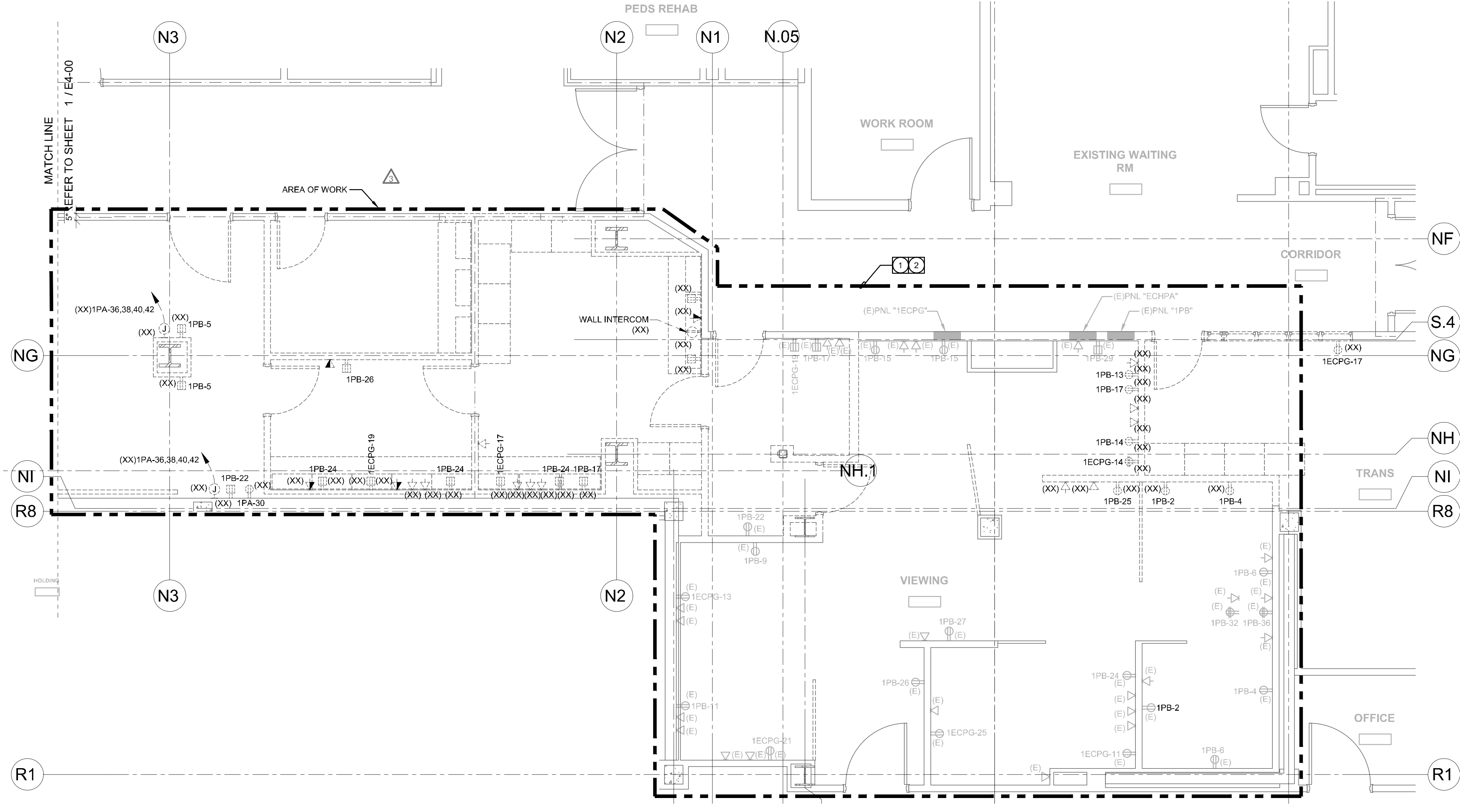
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- DEMOLISH AND REMOVE COMPLETE EXISTING "a.b" SWITCH. SAFE-OFF POWER AND SWITCHLEGS IN J-BOX ABOVE CEILING. CONTRACTOR TO PERFORM CIRCUIT TRACING TO VERIFY EXISTING BRANCH CIRCUITING PRIOR TO OPENING/PROCEEDING WITH DEMOLISH. COORDINATE REQUIREMENTS WITH EXISTING CONDITIONS.

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2 FIRST FLOOR DEMO - RESTROOM
1/4" = 1'-0"



1 FIRST FLOOR DEMO - EAST
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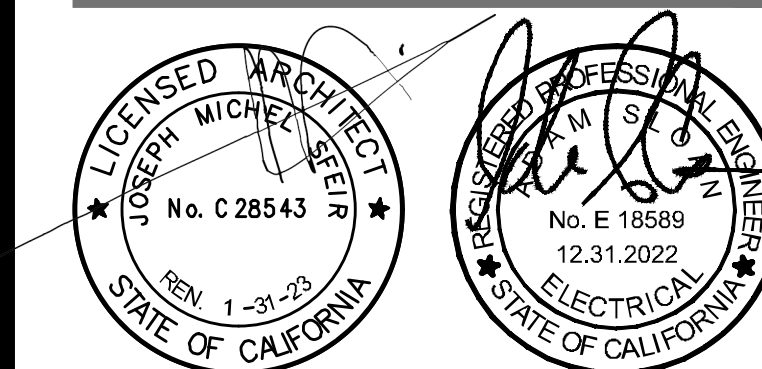
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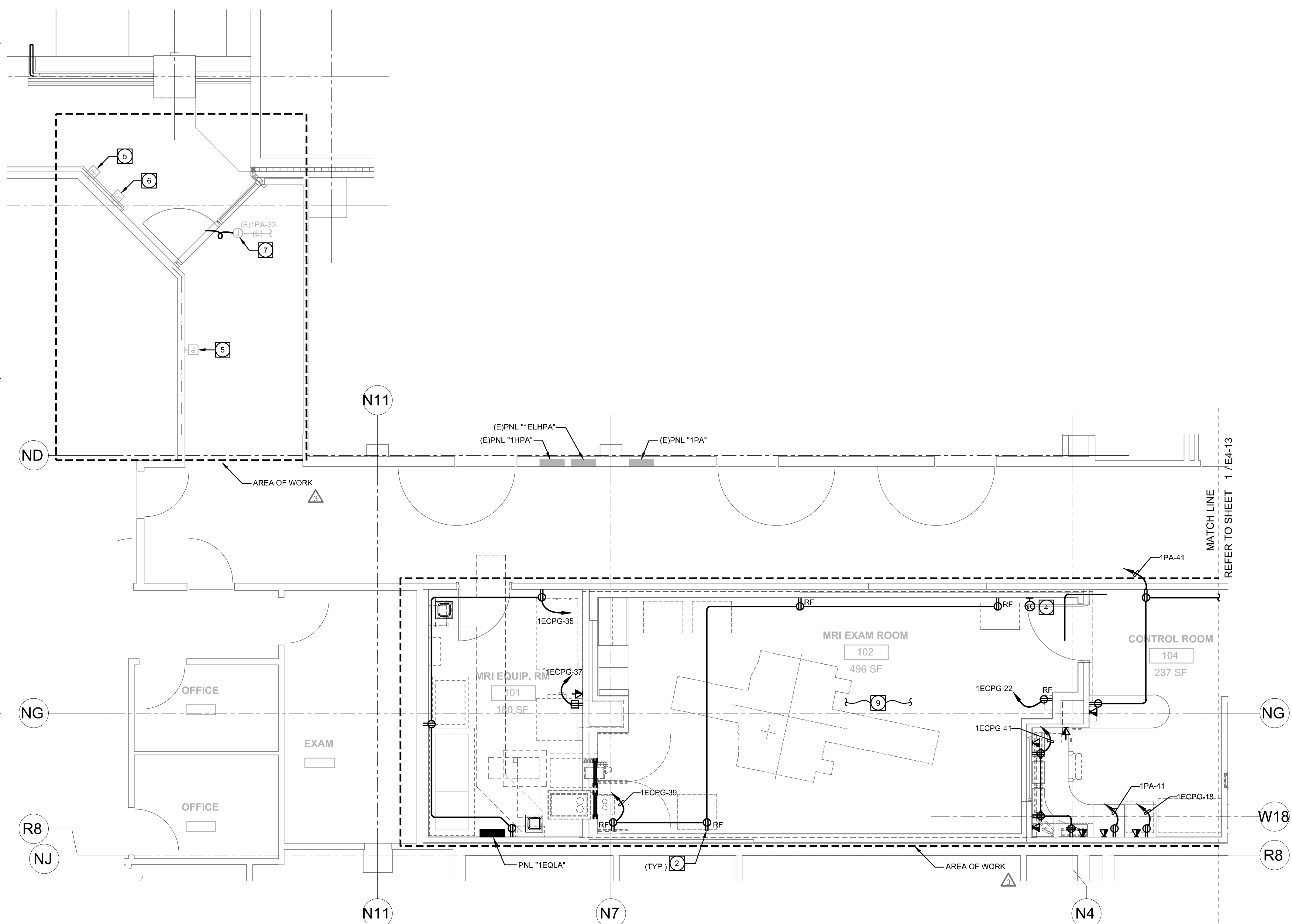
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KEYNOTES

- CONTROL/LV TRANSFORMER FOR SINK AND/OR AUTOFLUSH VALVE AUTOMATIC CONTROLS INSTALLED ABOVE THE CEILING. CONTRACTOR TO PROVIDE ALL REQUIRED ELECTRICAL CONNECTIONS. TRANSFORMER PROVIDED AND INSTALLED BY OTHERS. COORDINATE LOCATION AND REQUIREMENTS PRIOR TO ROUGH-IN OF ELECTRICAL.
- ROUTE CIRCUIT POWER DEVICE THROUGH RF FILTER PRIOR TO EXTENDING BRANCH CIRCUIT AND CONDUIT INTO MRI ROOM. TYPICAL FOR ALL DEVICES WITH AN "RF" ADJACENT TO THE DEVICE.
- PROVIDE AND INSTALL 20A/1P MOTOR RATED TOGGLE SWITCH WITH THERMAL OVERLOAD PROTECTION TO PROVIDE DISCONNECTING MEANS FOR TERMINAL UNIT. COORDINATE MOUNTING LOCATION AND CONNECTIONS POINT WITH MECHANICAL CONTRACTOR AND EQUIPMENT INSTALLATION DRAWINGS. TYPICAL FOR "TU-1", "TU-2", "TU-3" AND "TU-4".
- PROVIDE AND INSTALL "4S" BACK-BOX AND 3/4" C.O. TO ACCESSIBLE CEILING FOR INSTALLATION OF WALL MOUNTED NURSE CALL DEVICE. CONDUIT TO BE EQUIPPED WITH A NYLON PULL STRING AND PROTECTIVE BUSHING. COORDINATE REQUIREMENTS WITH DESIGN BUILD NURSE CALL CONTRACTOR SCOPE OF WORK PRIOR TO ROUGH-IN OF ELECTRICAL.
- EXISTING WALL MOUNTED PUSH BUTTON CONTROL FOR DOOR/OVERHEAD DOOR CONTROLLER TO BE RE-USED/RECONNECTED FOR MOTORIZED CONTROL OF REPLACEMENT DOOR. EXTEND AND CONNECT LOW VOLTAGE CONTROL CONNECTIONS PER MANUFACTURER'S REQUIREMENTS. COORDINATE REQUIREMENTS WITH EXISTING FIELD CONDITIONS, MANUFACTURER'S INSTALLATION GUIDES AND OTHER TRADES.
- EXISTING WALL MOUNTED CARD READER CONTROL FOR DOOR/OVERHEAD DOOR CONTROLLER TO BE RE-USED/RECONNECTED FOR MOTORIZED CONTROL OF REPLACEMENT DOOR. EXTEND AND CONNECT LOW VOLTAGE CONTROL CONNECTIONS PER MANUFACTURER'S REQUIREMENTS. COORDINATE REQUIREMENTS WITH EXISTING FIELD CONDITIONS, MANUFACTURER'S INSTALLATION GUIDES AND OTHER TRADES.
- EXTEND AND CONNECT EXISTING ELECTRICAL CONNECTION TO DOOR CONTROLLER BACK FROM NEAREST J-BOX. COORDINATE REQUIREMENTS MANUFACTURER'S INSTALLATION GUIDES, EXISTING FIELD CONDITIONS AND OTHER TRADES.
- PROVIDE AND INSTALL 120V-1PH POWER TO MAGNET RUNDOWN UNIT FROM RF FILTER. COORDINATE MOUNTING LOCATION, CONNECTION AND INSTALLATION REQUIREMENTS WITH VENDOR INSTALLATION GUIDE AND INSTALLER.
- CONTRACTOR IS RESPONSIBLE FOR PROVIDING WIFI DEVICES AND CONNECTIVITY WITHIN THE MRI EXAM ROOM. ALL EQUIPMENT TO BE SUITABLE FOR INSTALLATION WITHIN AN MRI EXAM ROOM AND SHIELDED AS REQUIRED. CONTRACTOR RESPONSIBLE FOR PROVIDING ALL EQUIPMENT NECESSARY FOR A COMPLETE AND OPERATIONAL WIRELESS SYSTEM INCLUSIVE OF A MINIMUM OF TWO (2) WALL MOUNTED WIFI ROUTERS, CONDUITS, CABLING, ETC. AS REQUIRED. COORDINATE REQUIREMENTS WITH FIELD CONDITIONS, OTHER TRADES, MRI VENDOR AND FACILITY IIT STAFF AS REQUIRED.

GENERAL NOTES

- ALL EMPTY CONDUIT ARE TO BE PROVIDED WITH AN ADEQUATELY SIZED NYLON PULL ROPE.
- ELECTRICAL CONTRACTOR SHALL REFER TO MECHANICAL/PLUMBING AND ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND CHARACTERISTICS OF ALL EQUIPMENT LISTED IN SCHEDULE. ANY MODIFICATIONS AND/OR ADDITIONAL WORK NECESSARY SHALL BE INCLUDED IN THE BASE BID.
- ELECTRICAL CONTRACTOR SHALL VERIFY THE LOCATION OF ALL CONNECTION POINTS WITH THE EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.
- ELECTRICAL CONTRACTOR SHALL PROVIDE LOCAL REMOTE DISCONNECTING MEANS FOR ALL ELECTRIC HEATING EQUIPMENT IF REQUIRED BY THE LOCAL ELECTRICAL CODE.
- HOME-RUNS ONLY ARE REFERENCED ON PLANS. IN ADDITION CONDUIT PATHWAYS BETWEEN DEVICES ARE NOT INCLUDED TO PROVIDE THE INSTALLING CONTRACTOR THE FLEXIBILITY TO INSTALL ALL CONDUIT AND WIRE IN THE MOST EFFICIENT AND NEAT MANNER POSSIBLE. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL REQUIRED CONDUIT AND CONDUCTORS AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM. REFER TO COVER SHEET E0.01 FOR GENERAL BRANCH CIRCUIT SIZING AND REQUIREMENTS.
- COORDINATE LOCATIONS AND MOUNTING HEIGHTS FOR ALL DEVICES IN CONTROL ROOM, EQUIPMENT ROOM AND PROCEDURE ROOM WITH VENDOR DRAWINGS AND ELEVATIONS PRIOR TO ROUGH-IN OF ELECTRICAL.
- IN INSTANCES WHERE A BRANCH CIRCUIT IS REFERENCED MORE THAN ONCE ON A SEPARATE HOME-RUN, THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING A J-BOX ABOVE THE PANELBOARD TO CONSOLIDATE CIRCUITS INTO ONE (1) SINGLE BRANCH CIRCUIT CONNECTION BY SPLICING ALL CONDUCTORS TOGETHER AND ROUTING ONE (1) SINGLE CONDUIT AND GROUP OF BRANCH CIRCUIT CONDUCTORS FROM THE J-BOX TO THE ASSOCIATED TERMINATIONS WITHIN THE PANELBOARD.
- ALL CONDUITS, FEEDERS, ETC. ARE TO BE EQUIPPED WITH A CODE SIZED GREEN GROUNDING CONDUCTOR.
- CONTRACTOR IS TO PROVIDE AND INSTALL A 4S J-BOX ABOVE THE CEILING AT EACH RECEPTACLE/DEVICE LOCATION THEN EXTEND REQUIRED/PROPERLY SIZED CONDUIT AND WIRE FROM J-BOX AND TERMINATE AT EACH DEVICE. IT IS NOT PERMITTED TO CONNECT DEVICES WITHIN THE SAME AND/OR ADJACENT/DIFFERENT ROOMS.
- NO MC AND/OR FLEX CONNECTIONS ARE PERMITTED FOR USE EXCEPT FOR WHEN CONNECTIONS ARE BEING MADE FROM A J-BOX TO A LIGHT FIXTURE OR OTHER SIMILAR DEVICE INSTALLED ABOVE THE CEILING. ALL OUTLETS/DEVICES INSTALLED WITHIN WALLS ARE TO BE CONNECTED WITH HARD PIPE EMT CONDUIT AND WIRE.
- ALL CONDUIT, J-BOXES, 6'-0" FLEXIBLE CONNECTIONS TO FIXTURES, METALLIC PARTS, MOUNTING HARDWARE, ETC. INSTALLED WITHIN THE MRI ROOM ARE TO BE GROUNDING ALUMINUM CONDUITS. COORDINATE REQUIREMENTS WITH FIELD CONDITIONS PRIOR TO ROUGH-IN OF ELECTRICAL.



KEYNOTES

- 1 CONTROL/LV TRANSFORMER FOR SINK AND/OR AUTOFLUSH VALVE AUTOMATIC CONTROLS INSTALLED ABOVE THE CEILING. CONTRACTOR TO PROVIDE ALL REQUIRED ELECTRICAL CONNECTIONS. TRANSFORMER PROVIDED AND INSTALLED BY OTHERS. COORDINATE LOCATION AND REQUIREMENTS PRIOR TO ROUGH-IN OF ELECTRICAL.
- 2 PROVIDE AND INSTALL "a,b" TOGGLE SWITCH TO CONTROL EXISTING RESTROOM LIGHTS. WIRE REPLACEMENT SWITCH INTO J-BOX DEMOLISHED SWITCH UTILIZED TO EXTEND/ROUTE SWITCH LEGS TO EXISTING FIXTURES. REWIRE EXISTING FIXTURE WITH SWITCHLEGS FROM REPLACEMENT SWITCH. COORDINATE REQUIREMENTS WITH FIELD CONDITIONS.
- 3 CONTROL/LV TRANSFORMER FOR SINK AND/OR AUTOFLUSH VALVE AUTOMATIC CONTROLS INSTALLED ABOVE THE CEILING. CONTRACTOR TO PROVIDE ALL REQUIRED ELECTRICAL CONNECTIONS. TRANSFORMER PROVIDED AND INSTALLED BY OTHERS. COORDINATE LOCATION AND REQUIREMENTS PRIOR TO ROUGH-IN OF ELECTRICAL.
- 4 PROVIDE AND INSTALL 4S FLUSH IN WALL J-BOX AND 3/4" C.O. WITH NYLON PULL ROPE TO ACCESSIBLE CEILING FOR INSTALLATION OF WAVE ACTIVATED AUTOMATIC DOOR CONTROLS. COORDINATE BACKBOX AND INSTALLATION REQUIREMENTS WITH VENDOR INSTALLATION GUIDES AND OTHER TRADES.
- 5 PROVIDE AND INSTALL SINGLE GANG FLUSH IN WALL J-BOX AND 3/4" C.O. WITH NYLON PULL ROPE TO ACCESSIBLE CEILING FOR INSTALLATION CARD READER ACCESS DOOR CONTROLS. COORDINATE BACKBOX AND INSTALLATION REQUIREMENTS WITH VENDOR INSTALLATION GUIDES AND OTHER TRADES.

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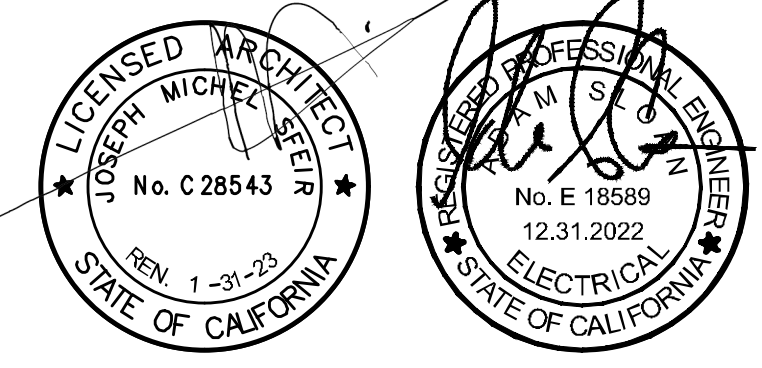
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△	OSHPD COMMENTS	8/3/2020
△	DESIGN CHANGES	8/10/2020
△	OSHPD COMMENTS	10/2/2020
△	OSHPD COMMENTS	11/24/2020
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△	ACD 0001 DESIGN CHANGES	4/14/2021

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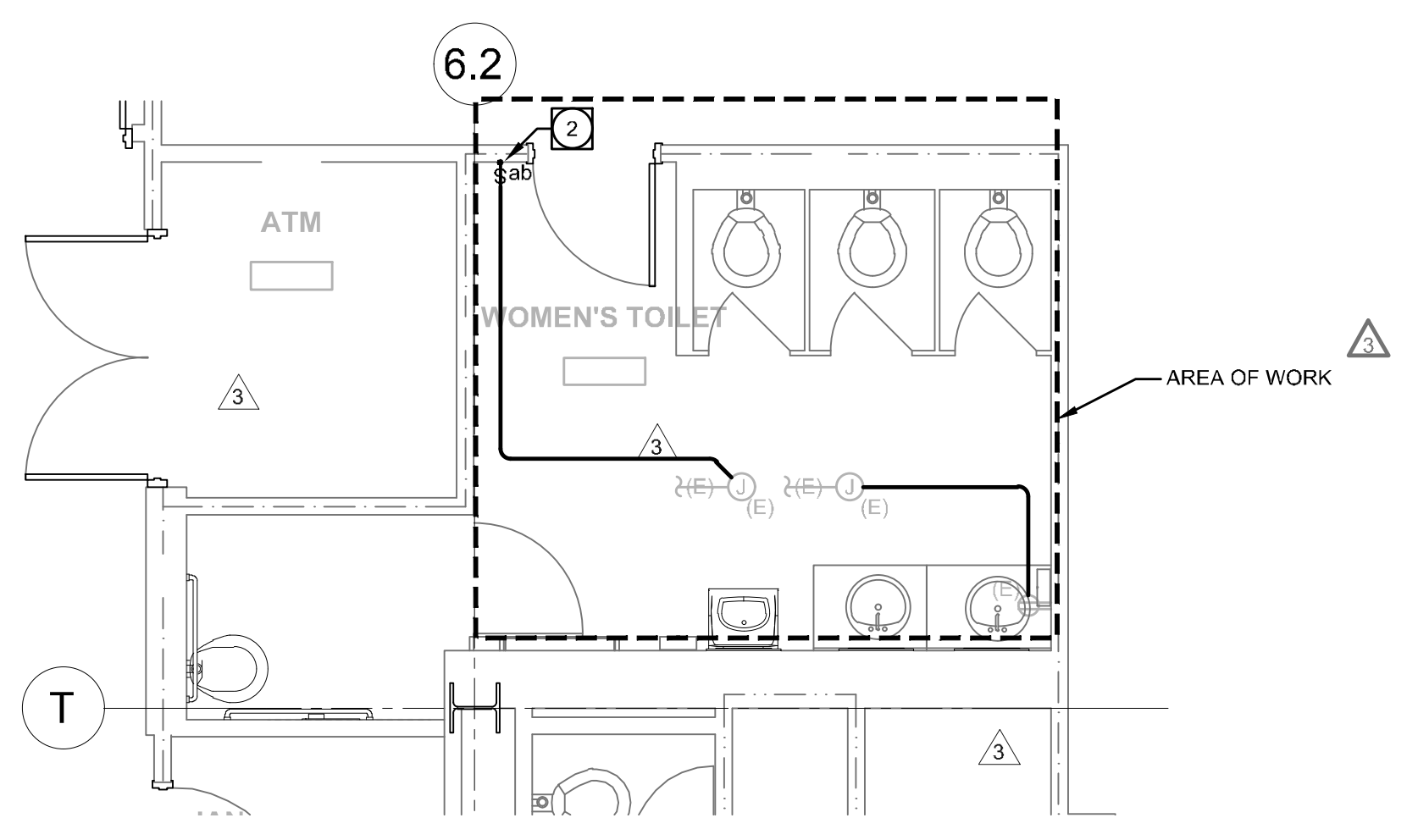
OSHPD APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

SHEET TITLE:
1/4" PARTIAL FLOOR PLAN

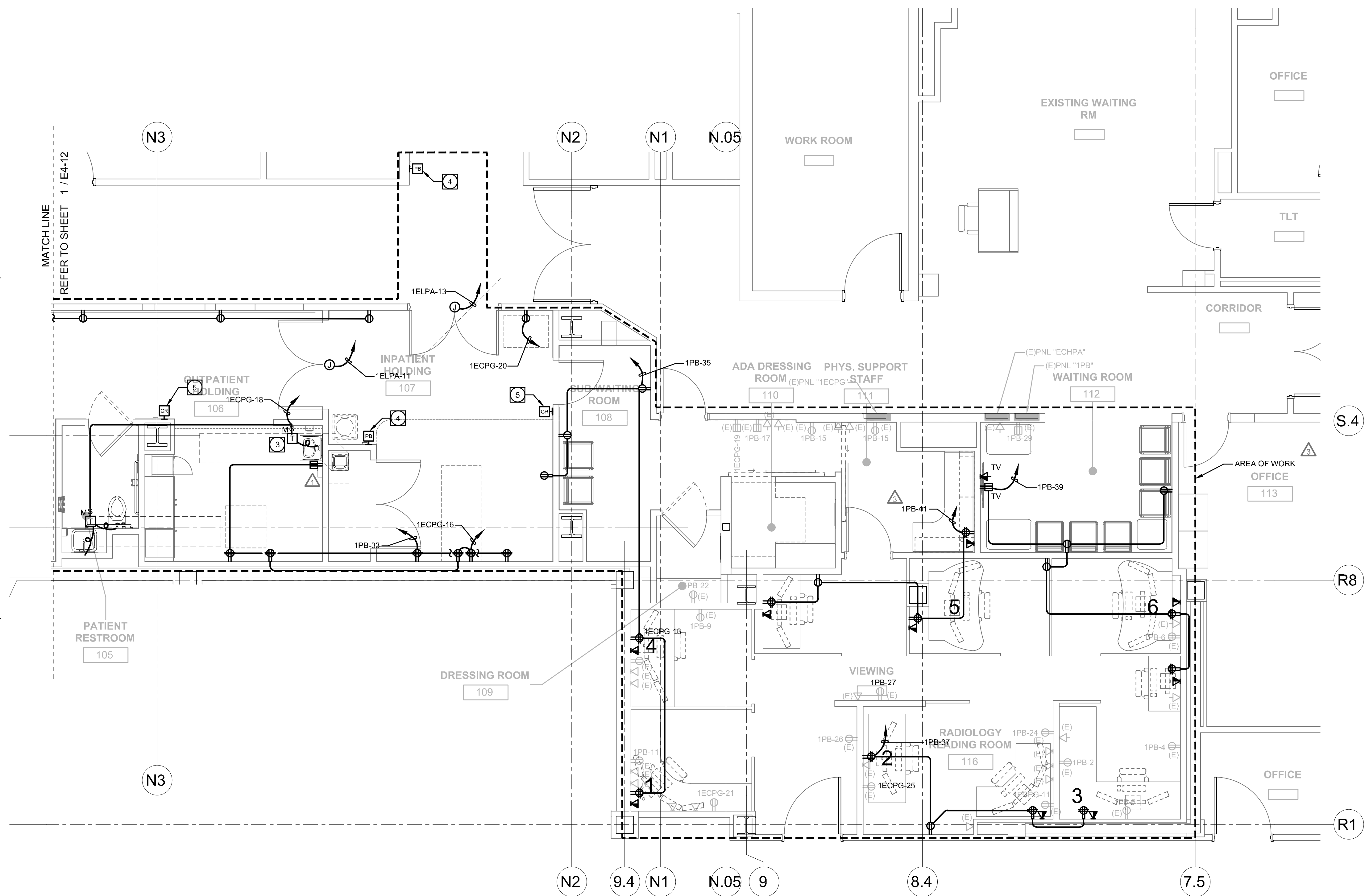
PROJECT TITLE:
TCMC MRI

PROJECT #: 01907.01/AGD 20-0001
DRAWN BY: STAFF
CHECKED BY: ARS
SCALE: PER TITLE
DATE: 03/11/2020

SHEET NUMBER:
E4-11



2 FIRST FLOOR PLAN - RESTROOM
1/4" = 1'-0"



1 FIRST FLOOR PLAN - EAST
1/4" = 1'-0"

KEYNOTES

- 1 PROVIDE 20A/1P MOTOR RATED TOGGLE SWITCH WITH THERMAL OVERLOAD PROTECTION AND ELECTRICAL CONNECTION TO COMBINATION FIRE SMOKE DAMPER. COORDINATE LOCATION AND REQUIREMENTS WITH EXISTING FIELD CONDITIONS AND OTHER TRADES.
- 2 PROVIDE AND INSTALL 20A/1P MOTOR RATED TOGGLE SWITCH WITH THERMAL OVERLOAD PROTECTION AND CONNECTION TO HUMIDIFIER. COORDINATE LOCATION AND REQUIREMENTS WITH EXISTING FIELD CONDITIONS AND OTHER TRADES.
- 3 PROVIDE AND INSTALL 20A/2P-208V-1Ø MOTOR RATED TOGGLE SWITCH. COORDINATE MOUNTING LOCATION WITH MECHANICAL CONTRACTOR AND INSTALLATION REQUIREMENTS WITH FIELD CONDITIONS / MANUFACTURER'S NAMEPLATE DATA. DEVICE TO MOUNTED ON NEAREST ADJACENT VERTICAL SURFACE AND NOT ON THE UNIT ITSELF - MAINTAIN ALL CODE REQUIRED CLEARANCES.
- 4 NOT USED.
- 5 INDOOR FAN COIL "SS-1" IS EQUIPPED WITH AN INTEGRAL CONDENSATE PUMP THAT IS POWERED FROM THE FAN-COIL. CONTRACTOR TO COORDINATE CONNECTION REQUIREMENTS WITH EQUIPMENT INSTALLER AND VENDOR INSTALLATION GUIDES.
- 6 TIE DEVICE INTO EXISTING FIRE ALARM SYSTEM BY INTERCONNECTING WITH NEAREST EXISTING SMOKE FIRE DAMPER DEVICE. ON OPPOSITE SIDE OF HALL. INSTALL 1/2" C, 2#14. EXTEND AND CONNECT CONNECTIONS UTILIZING 1/2" C, 3/4" TO ALL OTHER SMOKE FIRE DAMPERS INSTALLED WITH THIS SCOPE OF WORK. COORDINATE REQUIREMENTS WITH EXISTING DEVICE LOCATIONS AND FIRE ALARM SYSTEM IN THE FIELD PRIOR TO PROCEEDING WITH WORK.

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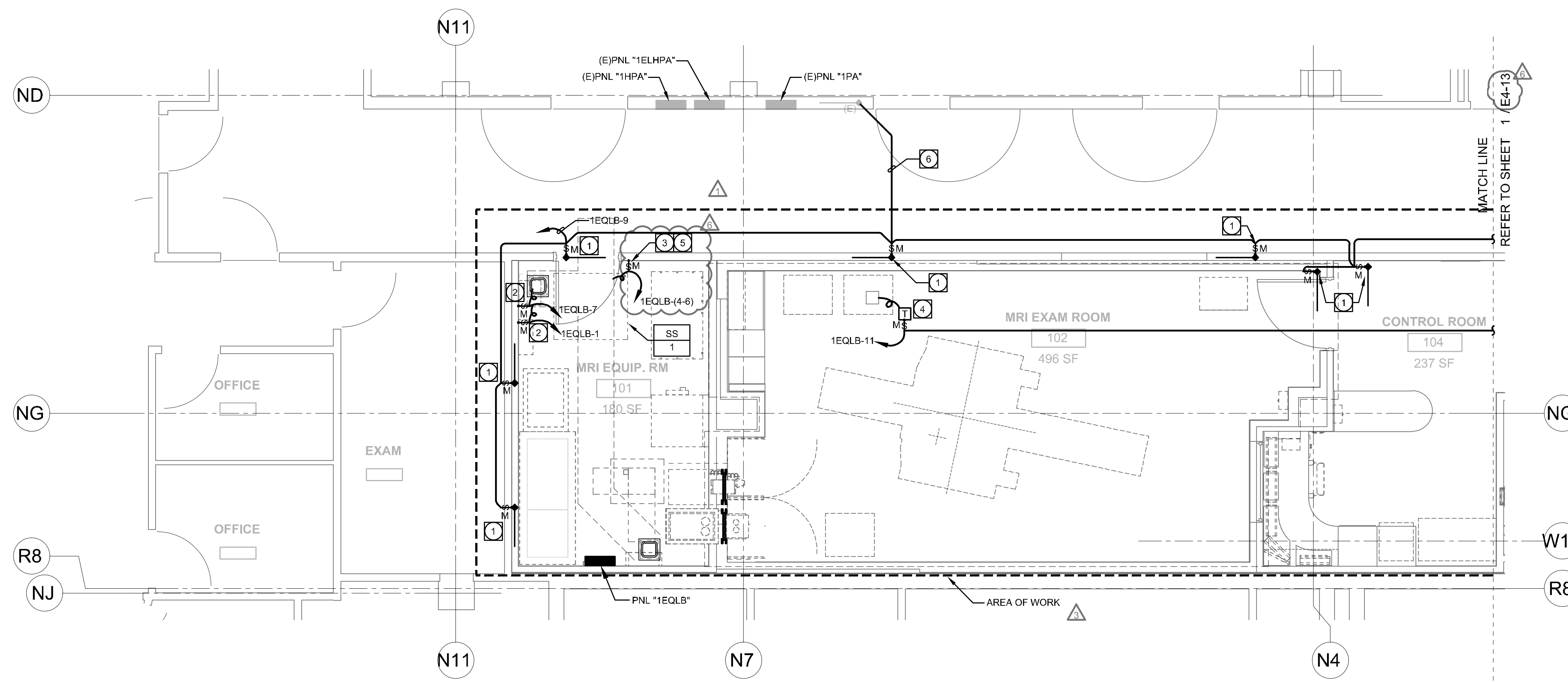
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REVISION	DESCRIPTION	DATE
1	OSHPD COMMENTS	8/3/2020
2	DESIGN CHANGES	8/10/2020
3	OSHPD COMMENTS	10/2/2020
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6	ACD 0001 DESIGN CHANGES	4/14/2021

GENERAL NOTES

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11. ALL CONDUIT, J-BOXES, 6"-Ø FLEXIBLE CONNECTIONS TO FIXTURES, METALLIC PARTS, MOUNTING HARDWARE, ETC. INSTALLED WITHIN THE MRI ROOM ARE TO BE GROUNDED ALUMINUM CONDUITS. COORDINATE REQUIREMENTS WITH FIELD CONDITIONS PRIOR TO ROUGH-IN OF ELECTRICAL.



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171 S. Anita Dr., Ste. 111 | Orange, CA 92668
OSHPD APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

1/4" PARTIAL FLOOR PLAN - MECHANICAL

PROJECT TITLE: TCMC MRI
PROJECT #: 01907.01/AGD 20-0001
DRAWN BY: STAFF
CHECKED BY: MRS
SCALE:
PER TITLE
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E4-12

TCMC MRI

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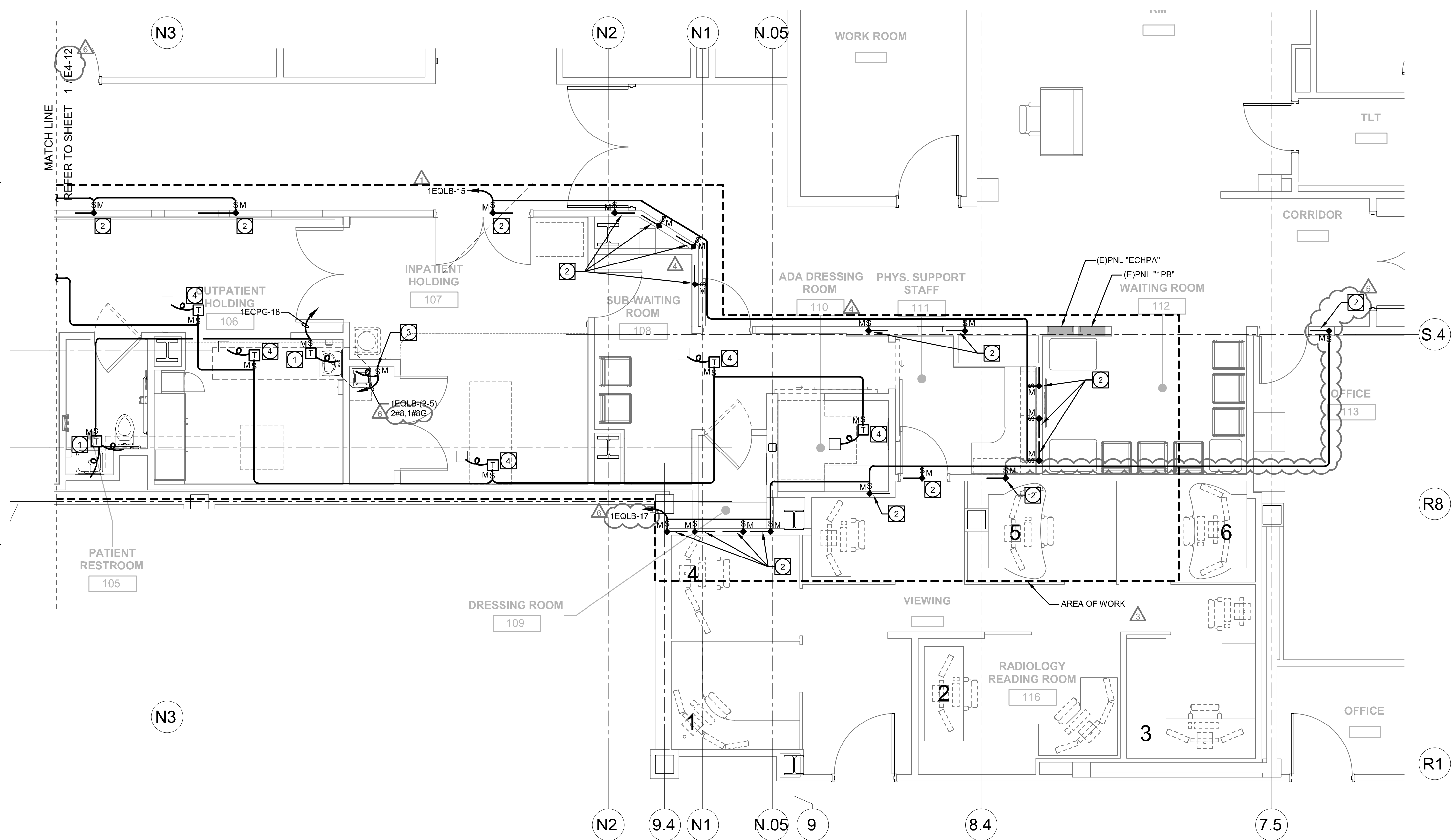
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KEYNOTES

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- PROVIDE AND INSTALL 20A/2P MOTOR RATED TOGGLE SWITCH WITH THERMAL OVERLOAD PROTECTION AND CONNECTION TO HUMIDIFIER. COORDINATE LOCATION AND REQUIREMENTS WITH EXISTING FIELD CONDITIONS AND OTHER TRADES.
- 120V-1Ø TO 24V-1Ø 50VA TRANSFORMER FOR REHEAT CONTROLS. CONTRACTOR TO PROVIDE ALL REQUIRED ELECTRICAL CONNECTIONS, TRANSFORMER AND 120V-1Ø MOTOR RATED TOGGLE SWITCH. COORDINATE LOCATION AND REQUIREMENTS PRIOR TO ROUGH-IN OF ELECTRICAL.

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INTERIORS: ISLEY DESIGN & PLANNING
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△	DESIGN CHANGES	8/10/2020
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△	OSHPD COMMENTS	11/24/2020
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△	ACD 0001 DESIGN CHANGES	4/14/2021

REV	DESCRIPTION	DATE

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171 S. Anita Dr., Ste. 111 | Orange, CA 92668
OSHPD APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

SHEET TITLE:
1/4" PARTIAL DEMO RCP

PROJECT TITLE:
TCMC MRI

PROJECT #
01907.01/AGD 20-0001

DRAWN BY:
STAFF

CHECKED BY:
ARS

SCALE:
PER TITLE

DATE:
03/11/2020

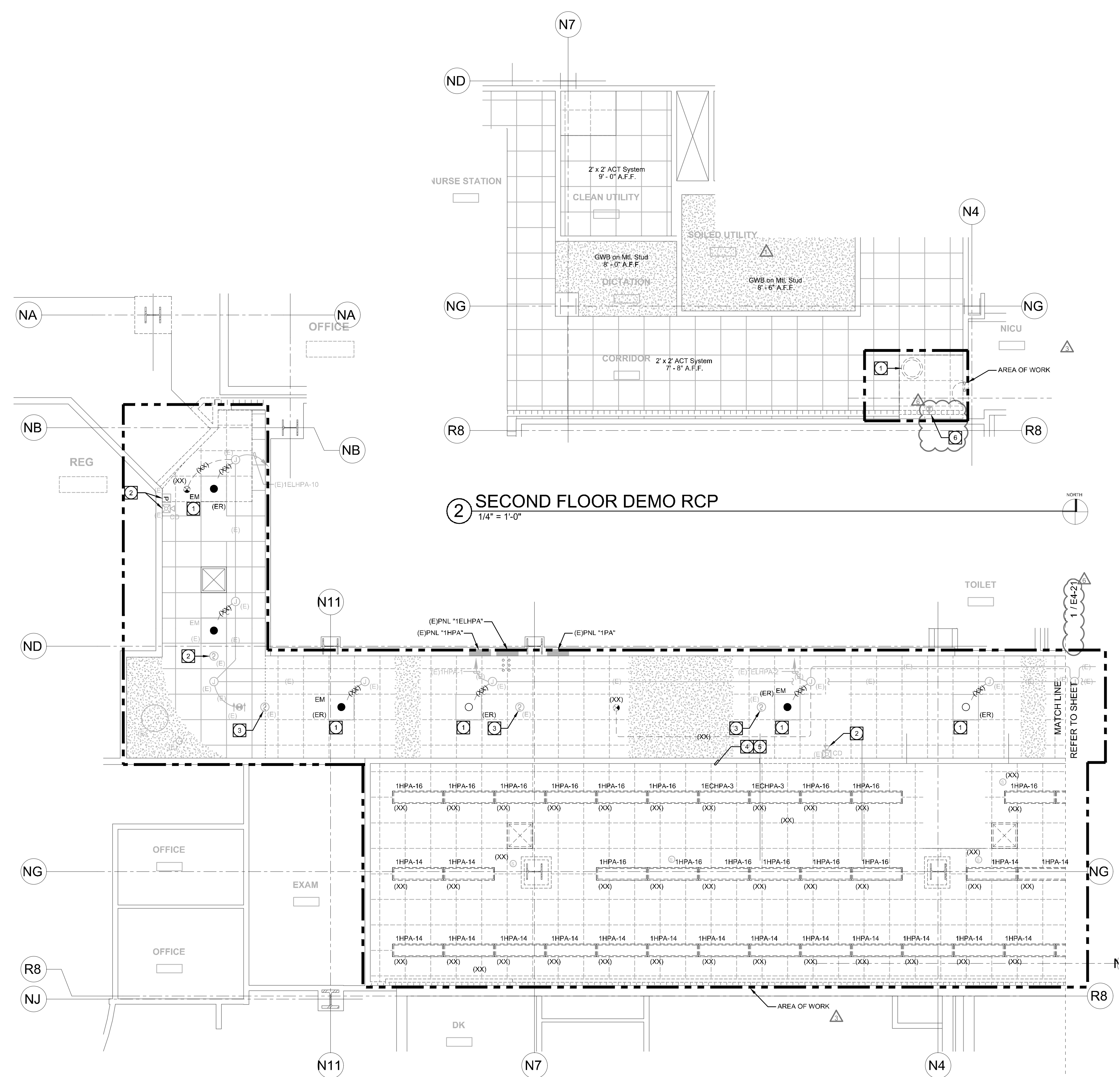
SHEET NUMBER:
E4-20

KEYNOTES

- EXISTING LIGHTING FIXTURE TO BE CAREFULLY REMOVED AND STORED FOR RE-INSTALLATION DURING REMODEL PHASE. EXISTING ELECTRICAL CONNECTIONS ARE TO BE SAFFED OFF IN THE NEAREST J-BOX. COORDINATE REQUIREMENTS WITH EXISTING FIELD CONDITIONS AND OTHER TRADES PRIOR TO COMMENCEMENT OF WORK.
- EXISTING FIRE ALARM DEVICE TO BE PROTECTED IN PLACE AND OPERATIONAL.
- EXISTING FIRE ALARM DEVICE TO BE REMOVED AND STORED FOR RE-USE/RE-INSTALLATION IN SAME LOCATION UPON COMPLETION OF REMODEL SCOPE. ALL EXISTING CONDUCTORS AND CONNECTIONS ARE TO BE SAFFED OFF BACK TO THE NEAREST J-BOX OR DEVICE AND PROTECTED IN PLACE FOR FUTURE RECONNECTION. COORDINATION REQUIREMENTS WITH FIELD CONDITIONS AND OTHER TRADES AS REQUIRED.
- AS PART OF THE CONTRACTOR'S SCOPE OF SERVICES A THOROUGH AND COMPREHENSIVE AS-BUILT DOCUMENTATION PROCESS OF ALL EXISTING ELECTRICAL DEVICE LOCATIONS, TYPES, ETC. AND ALL BRANCH CIRCUITING IS REQUIRED TO BE PERFORMED PRIOR TO COMMENCEMENT OF DEMOLITION SCOPE OF WORK. WORK IS TO BE PERFORMED AFTER HOURS AND IN A MANNER WHICH MINIMIZES THE IMPACT TO EXISTING HOSPITAL FUNCTIONS.
- CONTRACTOR IS RESPONSIBLE FOR SAFE-OFF AND DEMOLITION OF ALL EXISTING ELECTRICAL OUTLETS, RECEPTACLES, POWER CONNECTIONS, ETC. AS NOTED/IDENTIFIED TO BE DEMOLISHED AND REMOVED COMPLETE WITH AN "XX". TRACE ALL EXISTING CIRCUIT BACK TO NEAREST PANEL PRIOR TO DEMOLITION. UPDATE ALL PANEL DIRECTORIES AS REQUIRED REFERENCING SPARES AND ANY OTHER PERTINENT UPDATES WHICH RESULT FROM THE DEMOLITION. CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ELECTRICAL CONTINUITY TO DEVICES, EQUIPMENT, LIGHTING FIXTURES, ETC. WHICH ARE EXISTING TO REMAIN IN ADJACENT SPACES.
- EXISTING LOW-LEVEL SELF-LUMINOUS EXIT SIGN. CONTRACTOR TO REMOVE FROM WALL. SAFELY STORE DURING CONSTRUCTION AND RE-INSTALL IN SAFE LOCATION ON FACE OF QUENCH VENT SHAFT TO BE INSTALLED WITH THIS SCOPE OF WORK. COORDINATE REQUIREMENTS WITH EXISTING FIELD CONDITIONS AND OTHER TRADES AS REQUIRED.

DEMOLITION NOTES

- EXISTING ITEMS SCHEDULED TO REMAIN SHALL BE PROTECTED IN PLACE AND MAINTAINED BY THE CONTRACTOR. DAMAGE TO EXISTING EQUIPMENT, STRUCTURES, SYSTEMS AND SERVICES ARE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE RESTORED OR REPLACED TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE AT THE CONTRACTOR'S EXPENSE.
 - ITEMS SCHEDULED TO BE DEMOLISHED SHALL BE DISPOSED OF BY THE CONTRACTOR.
 - UTILITIES PREVIOUSLY SERVING DEMOLISHED ITEMS SHALL BE CAPPED BEHIND ADJACENT FINISHED SURFACES UNLESS OTHERWISE DIRECTED IN THE CONTRACT DOCUMENTS. SEE MECHANICAL AND ELECTRICAL.
 - DAMAGED OR PREVIOUSLY UNFINISHED SURFACES SHALL BE RESTORED, PATCHED OR FINISHED TO MATCH ADJACENT FINISHED SURFACES.
 - THE DEMOLITION PLAN AND NOTES ARE PRESENTED AS GENERAL INFORMATION ONLY AND ARE NOT INTENDED TO REPRESENT A COMPREHENSIVE ACCOUNTING OF ALL CONDITIONS PRESENT AT THE PROJECT SITE. THE CONTRACTOR IS RESPONSIBLE FOR PREPARING THE SITE AS REQUIRED TO COMPLETE THE CONSTRUCTION OF THE FINISHED PROJECT AS DESIGNED AND DETAILED IN THE CONTRACT DOCUMENTS. DESIGN IS BASED ON OF AS-BUILT DOCUMENTS AND VISUAL SITE SURVEYS. CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL EXISTING CONDITIONS, CIRCUITING, CONDUIT ROUTING, ETC. WITH EXISTING FIELD CONDITIONS PRIOR TO AND THROUGHOUT DEMO/CONSTRUCTION.
- DEMOLITION ABBREVIATIONS:**
- E = EXISTING DEVICE, EQUIPMENT, WIRING PATH, ETC. TO REMAIN UNDISTURBED. CONTRACTOR IS TO ENSURE DEVICE IS PROTECTED IN PLACE AND UNDAMAGED DURING DEMOLITION/REMODEL SCOPE OF WORK.
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1 FIRST FLOOR DEMO RCP - WEST
1/4" = 1'-0"

2 SECOND FLOOR DEMO RCP
1/4" = 1'-0"

TCMC MRI

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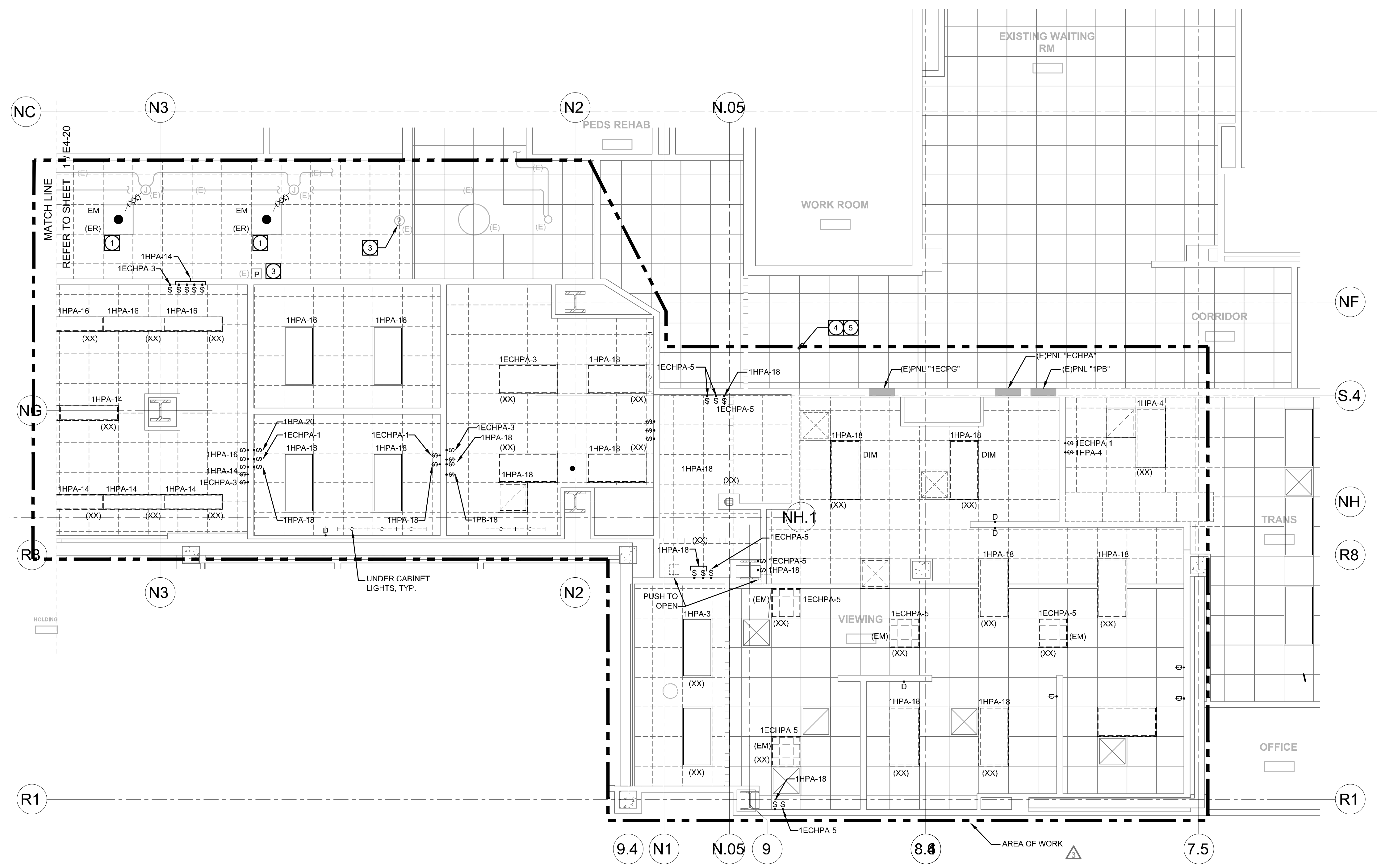
SHEET NUMBER:
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KEYNOTES

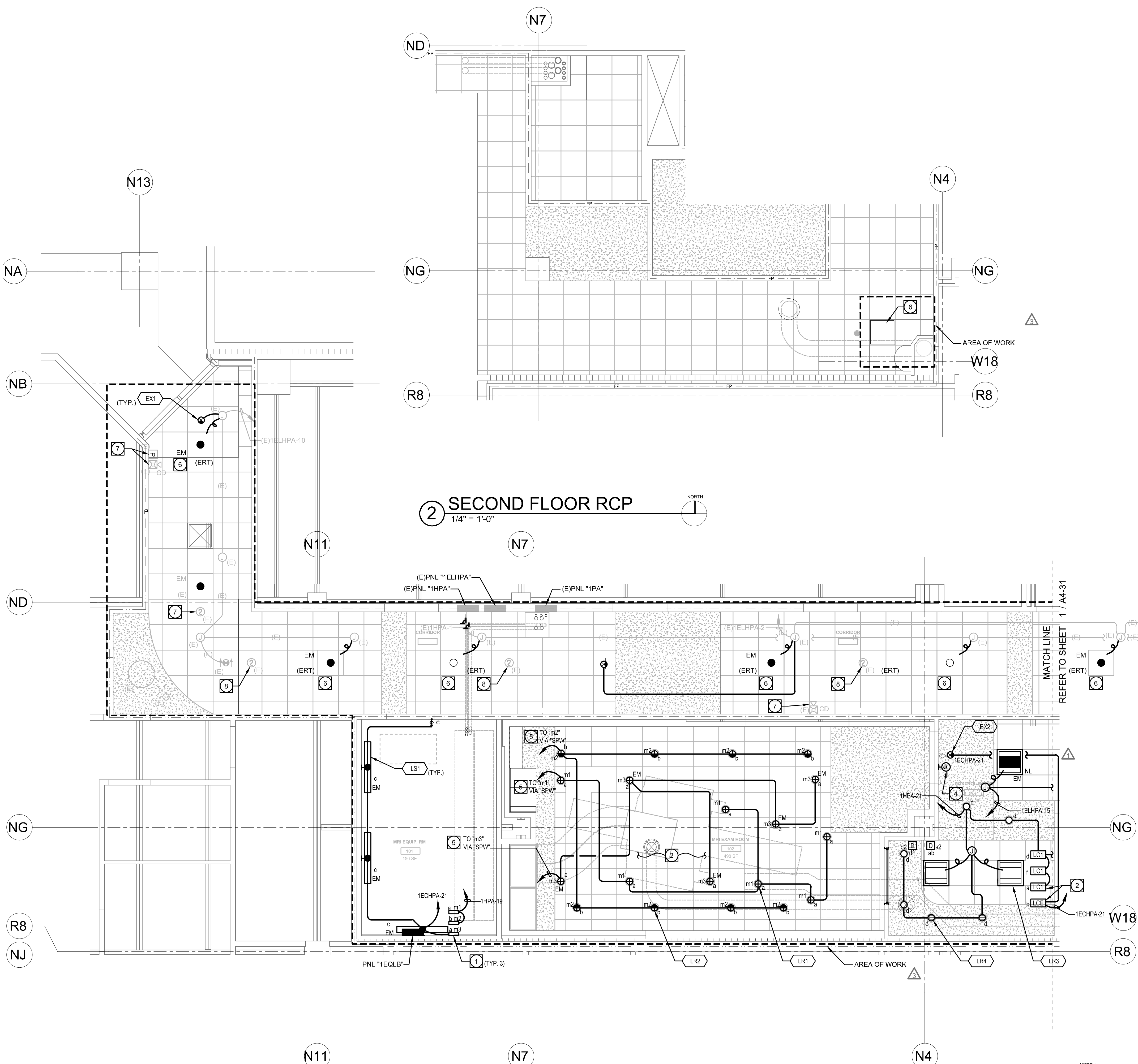
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1 FIRST FLOOR DEMO RCP - EAST
1/4" = 1'-0"



1 FIRST FLOOR RCP - WEST
1/4" = 1'-0"

2 SECOND FLOOR RCP
1/4" = 1'-0"

KEYNOTES

- 1 PROVIDE AND INSTALL KENALL #MRIPS-312 24V POWER SUPPLY TO PROVIDE POWER TO FIXTURES INSTALLED WITHIN THE MRI ROOM. THE "M" (WHERE THE " REPRESENTS THE DEVICE NUMBER) CORRESPONDS TO THE FIXTURE(S) WITHIN THE SPACE WHICH ARE TO BE WIRED TO THE SPECIFIC POWER SUPPLY. EACH 24V CIRCUIT IS TO BE ROUTED THROUGH AN RF FILTER ALSO INSTALLED WITHIN THE CONTROL ROOM BEFORE BEING ROUTED TO THE FIXTURES WITHIN THE SPACE. ALL LOW VOLTAGE WIRING IS TO BE SHIELDED. ROUTE (1)1/2" ALUMINUM CONDUIT, 2#12, 1#12G FROM EACH POWER SUPPLY TO THE RESPECTIVE FIXTURES. COORDINATE FIELD REQUIREMENTS WITH EQUIPMENT VENDOR AND FIELD CONDITIONS.
- 2 ALL 0-10V LIGHTING CONTROL WIRING FOR FIXTURES INSTALLED IN MRI SCAN ROOM IS TO BE ROUTED IN A 2" ABOVE THE SHIELDING FROM LIGHTING CONTROL RELAY INSTALLED ABOVE THE CONTROL ROOM CEILING TO THE KENALL POWER SUPPLY IN THE EQUIPMENT ROOM. COORDINATE ROUTING AND REQUIREMENTS WITH FIELD CONDITIONS AND VENDOR REQUIREMENTS.
- 3 PROVIDE AND INSTALL "4S" BACK-BOX FOR INSTALLATION OF CEILING MOUNTED NURSE CALL DEVICE. COORDINATE REQUIREMENTS WITH DESIGN BUILD NURSE CALL CONTRACTOR SCOPE OF WORK PRIOR TO ROUGH-IN OF ELECTRICAL.
- 4 PROVIDE AND INSTALL "2S" BACK-BOX AND 3/4" C.O. TO ACCESSIBLE CEILING FOR INSTALLATION OF NURSE CALL WALL MOUNTED DEVICE. CONDUIT TO BE EQUIPPED WITH A NYLON PULL STRING AND PROTECTIVE BUSHING. COORDINATE REQUIREMENTS WITH DESIGN BUILD NURSE CALL CONTRACTOR SCOPE OF WORK PRIOR TO ROUGH-IN OF ELECTRICAL.
- 5 DIMMING CIRCUIT TO BE ROUTED THROUGH KENALL "MRIFD-1A" DIMMING RF FILTER. FILTER TO BE INSTALLED AT NEAREST POINT OF EXIT OF DIMMING CIRCUIT FROM THE MRI ROOM. COORDINATE ROUTING AND REQUIREMENTS WITH FIELD CONDITIONS. OTHER TRADES AND EQUIPMENT VENDOR AS REQUIRED.
- 6 EXISTING FIXTURE REMOVED/STORED DEMOLITION PHASE TO BE RE-INSTALLED IN THE SAME LOCATION. EXTEND AND RE-CONNECT EXISTING CIRCUITS/CONNECTIONS SAFFED OFF DURING THE DEMOLITION PHASE. COORDINATE REQUIREMENTS WITH FIELD CONDITIONS AND OTHER TRADES AS REQUIRED.
- 7 EXISTING FIRE ALARM DEVICE TO BE PROTECTED IN PLACE AND OPERATIONAL.
- 8 EXISTING FIRE ALARM DEVICE TO BE REMOVED AND STORED FOR RE-USE/RE-INSTALLATION IN SAME LOCATION UPON COMPLETION OF REMODEL SCOPE. ALL EXISTING CONDUCTORS AND CONNECTIONS ARE TO BE SAFFED OFF BACK TO THE NEAREST J-BOX OR DEVICE AND PROTECTED IN PLACE FOR FUTURE RECONNECTION. COORDINATION REQUIREMENTS WITH FIELD CONDITIONS AND OTHER TRADES AS REQUIRED.

GENERAL NOTES

1. ALL EMPTY CONDUIT ARE TO BE PROVIDED WITH AN ADEQUATELY SIZED NYLON PULL ROPE.
2. ELECTRICAL CONTRACTOR SHALL REFER TO MECHANICAL/PLUMBING AND ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND CHARACTERISTICS OF ALL EQUIPMENT LISTED IN SCHEDULE. ANY MODIFICATIONS AND/OR ADDITIONAL WORK NECESSARY SHALL BE INCLUDED IN THE BASE BID.
3. ELECTRICAL CONTRACTOR SHALL VERIFY THE LOCATION OF ALL CONNECTION POINTS WITH THE EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.
4. ELECTRICAL CONTRACTOR SHALL PROVIDE LOCAL REMOTE DISCONNECTING MEANS FOR ALL ELECTRIC HEATING EQUIPMENT IF REQUIRED BY THE LOCAL ELECTRICAL CODE.
5. HOME-RUNS ONLY ARE REFERENCED ON PLANS. IN ADDITION CONDUIT PATHWAYS BETWEEN DEVICES ARE NOT INCLUDED TO PROVIDE THE INSTALLING CONTRACTOR THE FLEXIBILITY TO INSTALL ALL CONDUIT AND WIRE IN THE MOST EFFICIENT AND NEAT MANNER POSSIBLE. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL REQUIRED CONDUIT AND CONDUCTORS AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM. REFER TO COVER SHEET E0-00 FOR GENERAL BRANCH CIRCUIT SIZING AND REQUIREMENTS.
6. COORDINATE LOCATIONS AND MOUNTING HEIGHTS FOR ALL DEVICES IN CONTROL ROOM, EQUIPMENT ROOM AND PROCEDURE ROOM WITH VENDOR DRAWINGS AND ELEVATIONS PRIOR TO ROUGH-IN OF ELECTRICAL.
7. IN INSTANCES WHERE A BRANCH CIRCUIT IS REFERENCED MORE THAN ONCE ON A SEPARATE HOME-RUN, THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING A 4S J-BOX ABOVE THE PANELBOARD TO CONSOLIDATE CIRCUITS INTO ONE (1) SINGLE BRANCH CIRCUIT CONNECTION BY SPLICING ALL CONDUCTORS TOGETHER AND ROUTING ONE (1) SINGLE CONDUIT AND GROUP OF BRANCH CIRCUIT CONDUCTORS FROM THE J-BOX TO THE ASSOCIATED TERMINATIONS WITHIN THE PANELBOARD.
8. ALL CONDUITS, FEEDERS, ETC. ARE TO BE EQUIPPED WITH A CODE SIZED GREEN GROUNDING CONDUCTOR.
9. CONTRACTOR IS TO PROVIDE AND INSTALL A 4S J-BOX ABOVE THE CEILING AT EACH RECEPTACLE/DEVICE LOCATION THEN EXTEND REQUIRED/PROPERLY SIZED CONDUIT AND WIRE FROM J-BOX AND TERMINATE AT EACH DEVICE. IT IS NOT PERMITTED TO CONNECT DEVICES WITHIN THE SAME AND/OR ADJACENT/DIFFERENT ROOMS.
10. NO MC AND/OR FLEX CONNECTIONS ARE PERMITTED FOR USE EXCEPT FOR WHEN CONNECTIONS ARE BEING MADE FROM A J-BOX TO A LIGHT FIXTURE OR OTHER SIMILAR DEVICE INSTALLED ABOVE THE CEILING. ALL OUTLETS/DEVICES INSTALLED WITHIN WALLS ARE TO BE CONNECTED WITH HARD PIPE EMT CONDUIT AND WIRE.
11. ALL CONDUIT, J-BOXES, 6-0" FLEXIBLE CONNECTIONS TO FIXTURES, METALLIC PARTS, MOUNTING HARDWARE, ETC. INSTALLED WITHIN THE MRI ROOM ARE TO BE GROUNDED ALUMINUM CONDUITS. COORDINATE REQUIREMENTS WITH FIELD CONDITIONS PRIOR TO ROUGH-IN OF ELECTRICAL.

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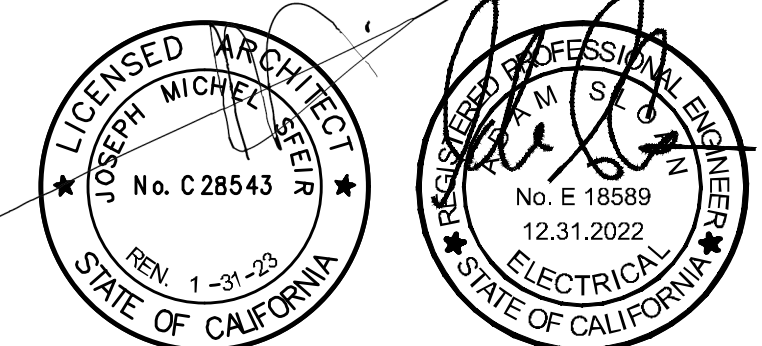
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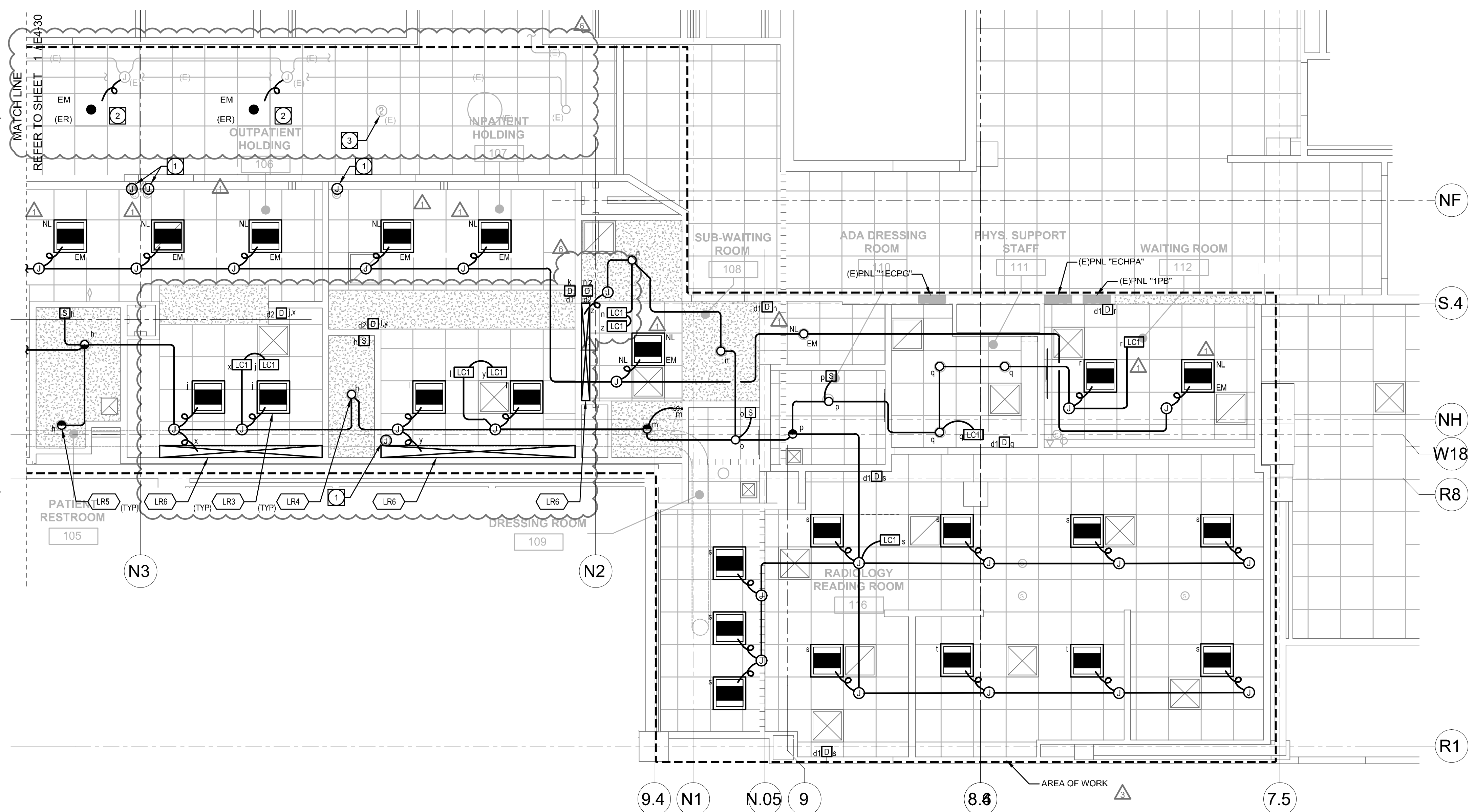
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KEYNOTES

- INSTALL SINGLE-GANG J-BOX AND 1-1/4" C.O. WITH NYLON PULL STRINGS AND PROTECTIVE BUSHINGS FROM INDOOR SECURITY CAMERA TO NEAREST SECURITY CAMERA HUB. SECURITY CAMERA IS TO BE INSTALLED IN A TAMPER PROOF HOUSING. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL COMPONENTS INCLUDING BUT NOT LIMITED TO THE CAMERA, CABLING, MOUNTING EQUIPMENT NECESSARY FOR A COMPLETE AND FULLY FUNCTIONAL CCTV SYSTEM. COORDINATE LOCATION AND REQUIREMENTS WITH FACILITY PRIOR TO ROUGH-IN OF ELECTRICAL.
- EXTEND AND RECONNECT EXISTING WIRING SAFED-OFF DURING DEMO SCOPE AND RECONNECT TO FIXTURE RE-INSTALLED IN NOTED LOCATIONS. REFER TO E4-21 FOR ADDITIONAL INFORMATION. COORDINATE REQUIREMENTS WITH EXISTING FIELD CONDITIONS AND OTHER TRADES AS REQUIRED.
- RE-INSTALL EXISTING SMOKE DETECTOR REMOVED/STORED DURING DEMO PHASE. RECONNECT TO EXISTING WIRING SAFED-OFF DURING DEMO PHASE REFER TO E4-21 FOR ADDITIONAL INFORMATION. COORDINATE REQUIREMENTS WITH EXISTING FIELD CONDITIONS AND OTHER TRADES AS REQUIRED.

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- IN INSTANCES WHERE A BRANCH CIRCUIT IS REFERENCED MORE THAN ONCE ON A SEPARATE HOME-RUN, THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING A J-BOX ABOVE THE PANELBOARD TO CONSOLIDATE CIRCUITS INTO ONE (1) SINGLE BRANCH CIRCUIT CONNECTION BY SPLICING ALL CONDUCTORS TOGETHER AND ROUTING ONE (1) SINGLE CONDUIT AND GROUP OF BRANCH CIRCUIT CONDUCTORS FROM THE J-BOX TO THE ASSOCIATED TERMINATIONS WITHIN THE PANELBOARD.
- ALL CONDUITS, FEEDERS, ETC. ARE TO BE EQUIPPED WITH A CODE SIZED GREEN GROUNDING CONDUCTOR.
- CONTRACTOR IS TO PROVIDE AND INSTALL A 4S J-BOX ABOVE THE CEILING AT EACH RECEPTACLE/DEVICE LOCATION THEN EXTEND REQUIRED/PROPERLY SIZED CONDUIT AND WIRE FROM J-BOX AND TERMINATE AT EACH DEVICE. IT IS NOT PERMITTED TO CONNECT DEVICES WITHIN THE SAME AND/OR ADJACENT/DIFFERENT ROOMS.
- NO MC AND/OR FLEX CONNECTIONS ARE PERMITTED FOR USE EXCEPT FOR WHEN CONNECTIONS ARE BEING MADE FROM A J-BOX TO A LIGHT FIXTURE OR OTHER SIMILAR DEVICE INSTALLED ABOVE THE CEILING. ALL OUTLETS/DEVICES INSTALLED WITHIN WALLS ARE TO BE CONNECTED WITH HARD PIPE EMT CONDUIT AND WIRE.
- ALL CONDUIT, J-BOXES, 6"-0" FLEXIBLE CONNECTIONS TO FIXTURES, METALLIC PARTS, MOUNTING HARDWARE, ETC. INSTALLED WITHIN THE MRI ROOM ARE TO BE GROUNDED ALUMINUM CONDUITS. COORDINATE REQUIREMENTS WITH FIELD CONDITIONS AND OTHER TRADES AS REQUIRED.



1 FIRST FLOOR RCP - EAST
1/4" = 1'-0"

PROJECT TITLE: TCMC MRI

PROJECT #: 01907.01/AGD 20-0001

DRAWN BY: STAFF

CHECKED BY: ARS

SCALE: PER TITLE

DATE: 03/11/2020

SHEET NUMBER: _____

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TCMC MRI

Tri-City Medical
Center

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OCEANSIDE CA, 92056

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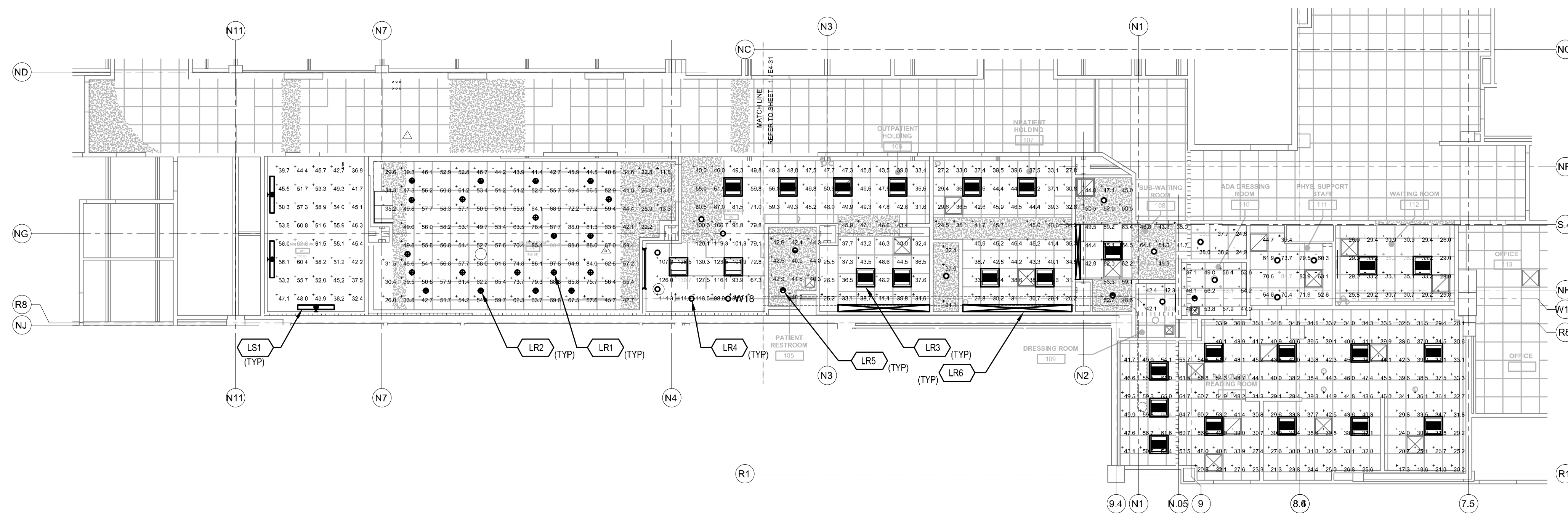
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TEL(714)545-7700

INTERIORS: ISLEY DESIGN & PLANNING
1982 PALSERO AVENUE
ESCONDIDO, CA 92029
TEL(760)484-0455

Label	Lumens Per Lamp	Light Loss Factor	Wattage
LR3	3920	0.9	35
LS1	4562	0.9	41.44
LR1	151	0.9	37
LR2	132	0.9	37
LS2	4559	0.9	34.31
LR4	2707	0.9	34.75
LR5	2647	0.9	0.8829

Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
DRESSING ROOM 109	+	42.3 fc	42.6 fc	42.1 fc	1.0:1	1.0:1
DRESSING ROOM 110	+	52.0 fc	63.1 fc	37.1 fc	1.7:1	1.4:1
HALLWAY 103 CONTROL 104/HOLDING RM 105	+	64.0 fc	130.7 fc	25.2 fc	5.2:1	2.5:1
MRI EQUIP. RM. 101	+	49.9 fc	62.0 fc	32.4 fc	1.9:1	1.5:1
MRI EXAM RM. 102	+	55.6 fc	99.7 fc	11.8 fc	8.4:1	4.7:1
PATIENT RESTROOM 105	+	43.1 fc	46.6 fc	40.3 fc	1.2:1	1.1:1
PHYS. SUPPORT STAFF 11	+	65.8 fc	84.7 fc	39.4 fc	2.1:1	1.7:1
RADIOLOGY READING ROOM 116	+	39.7 fc	65.4 fc	17.3 fc	3.8:1	2.3:1
STORAGE 107	+	34.4 fc	37.1 fc	31.1 fc	1.2:1	1.1:1
SUB-WAITING RM. 108	+	51.8 fc	65.0 fc	35.0 fc	1.9:1	1.5:1
SUB-WAITING ROOM 108	+	33.6 fc	38.3 fc	24.6 fc	1.6:1	1.4:1
TRANSFER RM. 107	+	37.5 fc	46.7 fc	24.5 fc	1.9:1	1.5:1
WAITING ROOM 112	+	30.6 fc	35.2 fc	25.8 fc	1.4:1	1.2:1

NOTE: STANDARD IES RECOMMENDED REFLECTANCE WERE UTILIZED IN CALCULATION. 50% CEILING, 80% AND 10% FLOOR. FIXTURES ARE MOUNTED RECESSED BASED - CEILING HEIGHTS REFERENCED ON PLANS. LIGHT LOSS FACTOR OF 0.9 WAS UTILIZED AS NOTED IN FIXTURE SCHEDULE.



1 FIRST FLOOR RCP - PHOTOMETRIC PLAN
1/8" = 1'-0"



△	OSHPD COMMENTS	8/3/2020
△	DESIGN CHANGES	8/10/2020
△	OSHPD COMMENTS	10/2/2020
△	OSHPD COMMENTS	11/24/2020
△	DESIGN CHANGES	11/24/2020
△	ACD 0001 DESIGN CHANGES	4/14/2021

REV	DESCRIPTION	DATE

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OSHPD APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

SHEET TITLE:
**1/8" OVERALL
LIGHTING
PHOTOMETRIC**

PROJECT TITLE:
TCMC MRI

PROJECT # 01907.01/AGD 20-0001 SHEET NUMBER
DRAWN BY STAFF
CHECKED BY ARS
SCALE: PER TITLE
DATE: 03/11/2020

E4-32

TCMC MRI

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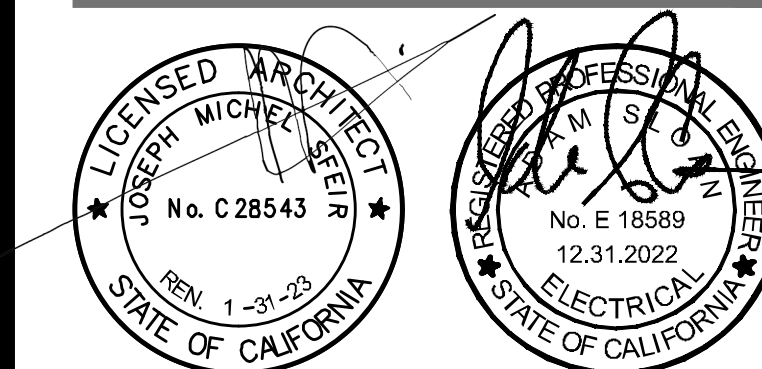
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△	OSHPD COMMENTS	8/3/2020
△	DESIGN CHANGES	8/10/2020
△	OSHPD COMMENTS	10/2/2020
△	OSHPD COMMENTS	11/24/2020
△	DESIGN CHANGES	11/24/2020
△	ACD 0001 DESIGN CHANGES	4/14/2021

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OSHPD APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

SHEET TITLE:
3/16" UPPER ROOF PLAN

PROJECT TITLE:
TCMC MRI

PROJECT #:
01907.01/AGD 20-0001

DRAWN BY:
STAFF

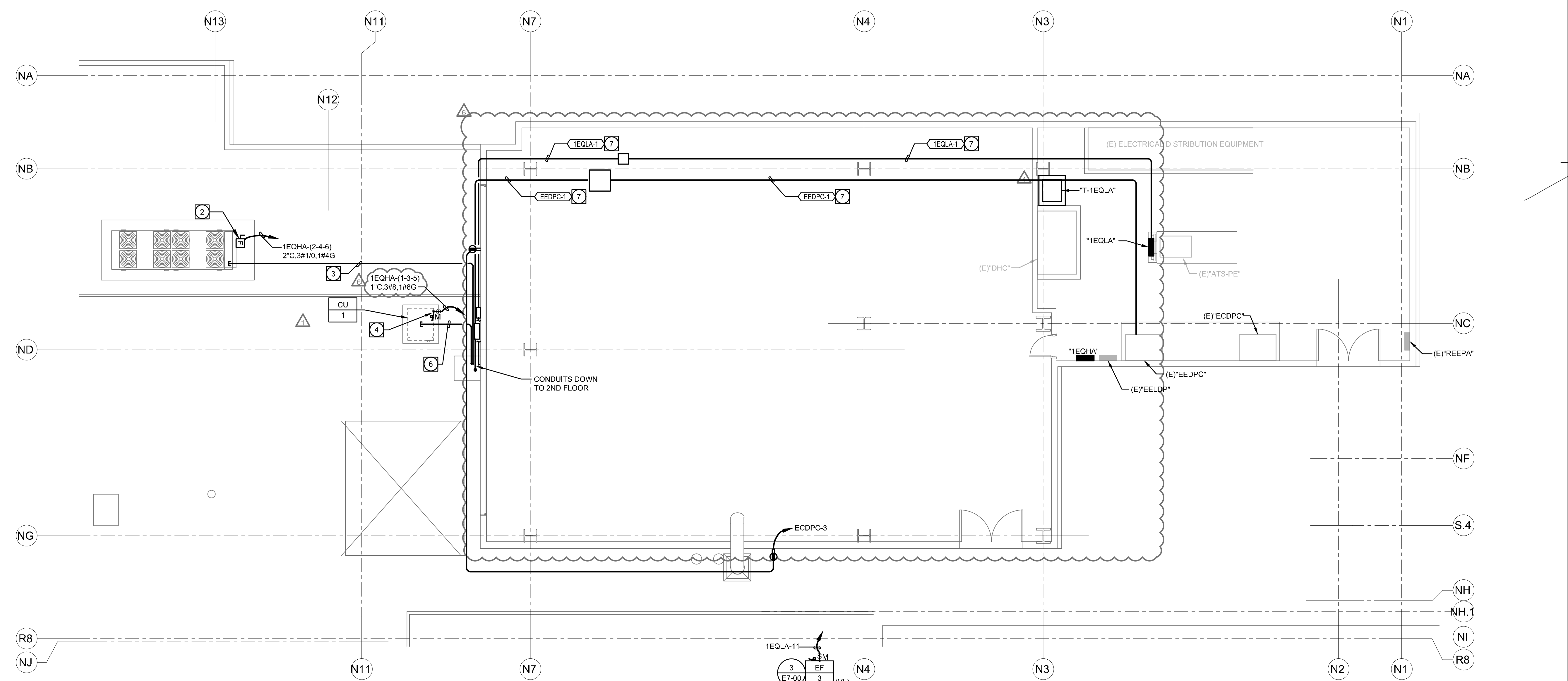
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ARS

SCALE:
PER TITLE

DATE:
03/11/2020

SHEET NUMBER:
E5-32

- KEYNOTES**
- 1 NOT USED.
 - 2 PROVIDE AND INSTALL UNIT MOUNTED 200A/3P HEAVY DUTY NEMA 3R MOTOR RATED FUSED DISCONNECT SWITCH WITH THREE (3) 110A FUSES TO PROVIDE DISCONNECTING MEANS FOR MRI CHILLER. COORDINATE FUSE/DISCONNECT SIZE WITH MANUFACTURER'S REQUIREMENTS. VENDOR, UNIT NAMEPLATE AND FIELD CONDITIONS PRIOR TO INSTALLATION.
 - 3 PROVIDE/INSTALL/ROUTE ONE (1) 1" C.O. WITH NYLON PULL ROPE FROM CHILLER CONTROLS TO MRI CONTROL ROOM FOR ROUTING OF CHILLER REMOTE MONITORING CABLE PROVIDED AND INSTALLED BY OTHERS. ROUTING TO FOLLOW PANELBOARD *1EQLB* MRI MAINS FEEDER ROUTING FROM ROOF THROUGH 2ND FLOOR CEILING AND INTO THE MRI SUITE. INSTALL CONDUIT ON SLEEPERS FROM UNIT TO EDGE OF MECHANICAL PENTHOUSE THEN ROUTE ALONG BOTTOM OF WALL. COORDINATE/VERIFY TERMINATION LOCATION WITHIN CONTROL ROOM WITH VENDOR EQUIPMENT INSTALLER, INSTALLATION GUIDES AND REQUIREMENTS.
 - 4 PROVIDE AND INSTALL 40A/3P 480V HEAVY DUTY NEMA 3R MOTOR RATED TOGGLE SWITCH WITH THERMAL OVERLOAD PROTECTION TO PROVIDE DISCONNECTING MEANS OF POWER TO AIR HANDLER UNIT LIGHTING AND DDC CONTROLS. COORDINATE MOUNTING LOCATION AND REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN OF ELECTRICAL. MAINTAIN ALL CEC CODE REQUIRED WORKING CLEARANCES.
 - 5 PROVIDE AND INSTALL 20A/1P 120V NEMA 3R MOTOR RATED TOGGLE SWITCH WITH THERMAL OVERLOAD PROTECTION TO PROVIDE DISCONNECTING MEANS OF EXHAUST FAN. COORDINATE MOUNTING LOCATION AND REQUIREMENTS WITH MECHANICAL CONTRACTOR PRIOR TO ROUGH-IN OF ELECTRICAL. MAINTAIN ALL CEC CODE REQUIRED WORKING CLEARANCES.
 - 6 CONDENSING UNIT CONTROL WIRING CONDUIT. PROVIDE/INSTALL/ROUTE 1" C.O. WITH NYLON PULL ROPE FROM CONDENSING UNIT TO FAN COIL INSTALLED WITHIN MRI EQUIPMENT ROOM. ROUTING TO FOLLOW PANELBOARD *1EQLB* MRI MAINS FEEDER ROUTING FROM ROOF THROUGH 2ND FLOOR CEILING AND INTO THE MRI SUITE. INSTALL CONDUIT ON SLEEPERS FROM UNIT TO EDGE OF MECHANICAL PENTHOUSE THEN ROUTE ALONG BOTTOM OF WALL. COORDINATE ROUTING WITH EXISTING FIELD CONDITIONS AND OTHER TRADES AS REQUIRED.
 - 7 FEEDER ROUTING TO BE OVERHEAD WITHIN ELECTRICAL AND MECHANICAL PENTHOUSES TO PERIMETER WALL ADJACENT TO MECHANICAL LOUVER. CONDUITS TO PENETRATE EXTERIOR WALL OF MECHANICAL ROOM. ROUTE VERTICALLY ON THE EXTERIOR WALL TO A LOCATION UNDER THE LOUVER THEN ROUTE HORIZONTALLY UNDER LOUVER TO PENETRATION LOCATION. CONDUITS TO PENETRATE INTO SECOND FLOOR SPACE AND FOLLOW SPLIT SYSTEM PIPING ROUTING TO MRI SUITE. ONCE CONDUITS ARE WITHIN THE MRI SUITE CONTRACTOR TO ROUTE OVERHEAD WITHIN SUITE TO THE RESPECTIVE EQUIPMENT. COORDINATE ROUTING AND REQUIREMENTS WITH FIELD CONDITIONS AND OTHER TRADES AS REQUIRED.



1 SECOND FLOOR ROOF PLAN
1/4" = 1'-0"

TCMC MRI

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△	DESIGN CHANGES	8/10/2020
△	OSHPD COMMENTS	10/2/2020
△	OSHPD COMMENTS	11/24/2020
△	DESIGN CHANGES	11/24/2020
△	ACD 0001 DESIGN CHANGES	4/14/2021

REV	DESCRIPTION	DATE

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OSHPD APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

SHEET TITLE:
1/4" LOWER ROOF PLAN

PROJECT TITLE: TCMC MRI	SHEET NUMBER: E5-33
PROJECT #: 01907.01/AGD 20-0001	DRAWN BY: STAFF
CHECKED BY: ARS	SCALE: PER TITLE
DATE: 03/11/2020	

KEYNOTES

- 1 ROUTE FEEDER TO PERIMETER WALL ON COMPOSITE SLEEPERS THEN ROUTE CONDUIT ALONG BASE OF WALL TO EXISTING MECHANICAL DUCT/ELECTRICAL CONDUIT RACK MOUNTED UP THE SIDE OF THE BUILDING. CONDUIT TO BE ROUTED ON EXISTING RACK UP AND OVER PARAPET WALL THEN STUBBED INTO ELECTRICAL ROOM AND HOME-RUN TO THE PANEL/CIRCUIT IDENTIFIED. REFER TO IMAGES 1 AND 2 THIS SHEET FOR ADDITIONAL INFORMATION. COORDINATE ROUTING AND REQUIREMENTS WITH EXISTING FIELD CONDITIONS.
- 2 EXISTING ROOF MOUNTED MAINTENANCE RECEPTACLE IN WEATHER PROOF ENCLOSURE TO BE PROTECTED IN PLACE.

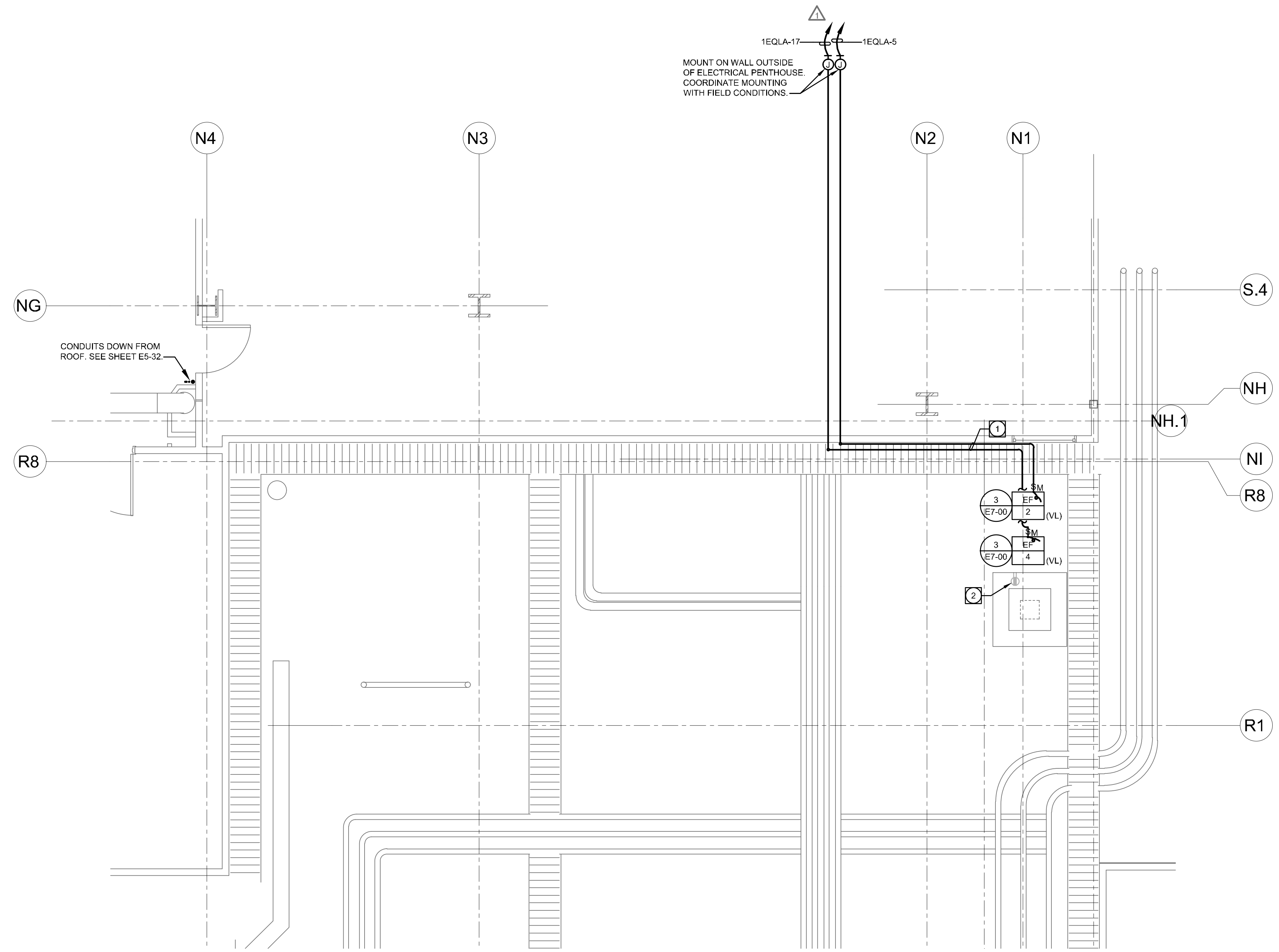


IMAGE 1 - VERTICAL CONDUIT RACK FROM 1ST FLOOR ROOF TO 2ND FLOOR ROOF



IMAGE 1 - HORIZONTAL CONDUIT RACK @ 2ND FLOOR ROOF

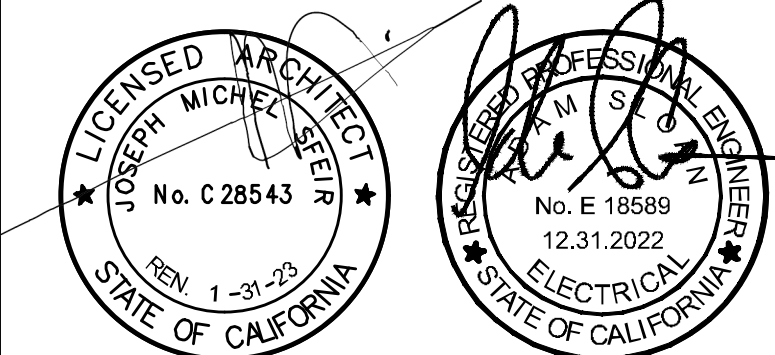
1 FIRST FLOOR ROOF PLAN
1/4" = 1'-0"

TCMC MRI

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OSHPD COMMENTS	10/2/2020
OSHPD COMMENTS	11/24/2020
DESIGN CHANGES	11/24/2020
ACD 0001 DESIGN CHANGES	4/14/2021

REV.	DESCRIPTION	DATE
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OSHPD APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

SHEET TITLE:
**1/4" PARTIAL FLOOR
PLAN EQUIPMENT PLAN**

PROJECT TITLE:	TCMC MRI
PROJECT #:	01907.01/AGD 20-0001
DRAWN BY:	STAFF
CHECKED BY:	ARS
SCALE:	PER TITLE
DATE:	03/11/2020

E6-20

KEYNOTES

- 1 PROVIDE AND INSTALL 12"x8"x6" JUNCTION BOX INSTALLED FLUSH WITH WALL AND MOUNTED AT FLOOR LEVEL. COORDINATE MOUNTING LOCATION AND REQUIREMENTS WITH VENDOR PRIOR TO ROUGH-IN OF ELECTRICAL.
- 2 PROVIDE AND INSTALL (1)2"C.O. WITH NYLON PULL ROPE ROUTED OVERHEAD ABOVE RF SCREEN. DEVICE TO INTERCONNECT J-BOX REFERENCED IN KEYNOTE 1 AND EQUIPMENT ROOM CABLE TRAY. COORDINATE ROUTING AND REQUIREMENTS WITH VENDOR PRIOR TO ROUGH-IN OF ELECTRICAL.
- 3 PROVIDE AND INSTALL (1)3"C.O. WITH NYLON PULL ROPE ROUTED OVERHEAD ABOVE RF SCREEN. DEVICE TO INTERCONNECT J-BOX REFERENCED IN KEYNOTE 1 AND EQUIPMENT ROOM CABLE TRAY. COORDINATE ROUTING AND REQUIREMENTS WITH VENDOR PRIOR TO ROUGH-IN OF ELECTRICAL.
- 4 PROVIDE AND INSTALL NON-FERROUS (I.E. ALUMINUM) 18"x6" CABLE/LADDER TRAY AND NON-FERROUS UNISTRUT CABLE SUPPORTS. COORDINATE MOUNTING AND REQUIREMENTS WITH VENDOR, ARCHITECT OTHER TRADES AS REQUIRED.
- 5 PROVIDE AND INSTALL 18"x6" CABLE/LADDER TRAY. COORDINATE MOUNTING AND REQUIREMENTS WITH VENDOR, ARCHITECT OTHER TRADES AS REQUIRED.
- 6 PROVIDE AND INSTALL 4"x4"x2" JUNCTION BOX INSTALLED FLUSH WITH WALL AND MOUNTED 5'-4" A.F.F. TO CENTER OF THE BOX FOR MAGNET RUNDOWN UNIT MOUNTING. ROUTE ONE (1)1"C.O. WITH NYLON PULL ROPE OVERHEAD FROM PULLBOX TO MAGNET. COORDINATE MOUNTING LOCATION AND REQUIREMENTS WITH VENDOR PRIOR TO ROUGH-IN OF ELECTRICAL.
- 7 VENDOR PROVIDED CONTRACTOR INSTALLED MAIN DISCONNECT PANEL. REFER TO SINGLE LINE DIAGRAM E0-01 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- 8 MAINTENANCE BYPASS CABINET. REFER TO SINGLE-LINE DRAWING FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- 9 PROVIDE AND INSTALL DOOR SWITCH AND "MRI IN-USE" LIGHT. REFER TO "INTERCONNECTIONS" DETAIL ON VENDOR DRAWINGS FOR ADDITIONAL INFORMATION. ROUTE TWO (2) 3/4"C.2#12,1#12 G (ONE (1) EACH FROM EACH DEVICE) TO "POWER GRADIENT CABINET ("PGR") AND TERMINATE PER MANUFACTURER'S RECOMMENDATIONS. COORDINATE MOUNTING LOCATION AND REQUIREMENTS WITH EQUIPMENT VENDOR PRIOR TO ROUGH-IN.
- 10 PROVIDE AND INSTALL 20A/1P MOTOR RATED TOGGLE SWITCH TO PROVIDE DISCONNECTING MEANS FOR EMERGENCY EXHAUST FAN. PROVIDE 3/4"C.2#12,1#12 ELECTRICAL CONNECTION ROUTED FROM SWITCH TO ROOF MOUNTED EXHAUST FAN "EF-1". COORDINATE ROUTING AND REQUIREMENTS WITH FIELD CONDITIONS AND VENDOR REQUIREMENTS PRIOR TO INSTALLATION.
- 11 VENDOR FURNISHED CONTRACTOR INSTALLED FLUSH MOUNTED SYSTEM EMERGENCY OFF BUTTON PROVIDED WITH MDP PANEL. VERIFY LOCATION WITH END-USER AND EQUIPMENT VENDOR PRIOR TO ROUGH-IN OF ELECTRICAL.
- 12 ROUTE 3/4"C FOR ROUTING OF VENDOR PROVIDED CABLE. INCLUDE NYLON PULL ROPE FROM DEVICE TO REFERENCED EQUIPMENT AND TERMINATE PER MANUFACTURER'S RECOMMENDATIONS. COORDINATE ROUTING AND REQUIREMENTS WITH VENDOR AND FIELD CONDITIONS PRIOR TO ROUGH-IN OF ELECTRICAL.
- 13 GE FURNISHED AND INSTALLED HEAT EXCHANGER CABINET ("HEC").
- 14 GE FURNISHED AND INSTALLED POWER/GRADIENT/RF CABINET ("PGR").
- 15 GE FURNISHED AND INSTALLED CRYOCOOLER COMPRESSOR ("CYR").
- 16 PROVIDE AND INSTALL FLUSH MOUNTED EPO SWITCH. COORDINATE TYPE AND REQUIREMENTS WITH VENDOR PRIOR TO ROUGH-IN. INTERCONNECT DEVICE TO "MDP" AND SECONDARY PENETRATION WALL ("SPW") UTILIZING 3/4"C. 2#12, 1#12 G CONDUCTORS. COORDINATE ROUTING AND REQUIREMENTS WITH VENDOR AND FIELD CONDITIONS PRIOR TO ROUGH-IN OF ELECTRICAL.
- 17 VENDOR PROVIDED CONTRACTOR INSTALLED CHILLER REMOTE GRAPHIC DISPLAY. CONTRACTOR TO PROVIDE AND INSTALL (1)1"C.O. WITH NYLON PULL ROPE ROUTED FROM PANEL TO CHILLER CONTROLS ON ROOF. COORDINATE ROUTING AND REQUIREMENTS WITH EXISTING FIELD CONDITIONS.
- 18 150kVA UPS AND BATTERY CABINET PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR. CONTRACTOR TO PROVIDE ALL ELECTRICAL CONNECTIONS. REFER TO E0.01 FOR ADDITIONAL INFORMATION AND REQUIREMENTS.
- 19 ROUTE 1/2"C FOR VENDOR PROVIDED CABLE (3#12, 1#12 G). INCLUDE NYLON PULL ROPE FROM DEVICE TO REFERENCED EQUIPMENT AND TERMINATE PER MANUFACTURER'S RECOMMENDATIONS. COORDINATE ROUTING AND REQUIREMENTS WITH VENDOR AND FIELD CONDITIONS PRIOR TO ROUGH-IN OF ELECTRICAL.
- 20 COMMON GROUND STUD. ROUTE 1/2" FROM GROUND STUD TO PDU GROUND BUS FOR VENDOR PROVIDED CABLE (1#10). COORDINATE LOCATION ROUTING AND REQUIREMENTS WITH FIELD CONDITIONS AND VENDOR INSTALLATION GUIDES.

GENERAL NOTES

1. ALL EMPTY CONDUIT ARE TO BE PROVIDED WITH AN ADEQUATELY SIZED NYLON PULL ROPE.
2. ELECTRICAL CONTRACTOR SHALL REFER TO MECHANICAL/PLUMBING AND ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND CHARACTERISTICS OF ALL EQUIPMENT LISTED IN SCHEDULE. ANY MODIFICATIONS AND/OR ADDITIONAL WORK NECESSARY SHALL BE INCLUDED IN THE BASE BID.
3. ELECTRICAL CONTRACTOR SHALL VERIFY THE LOCATION OF ALL CONNECTION POINTS WITH THE EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.
4. ELECTRICAL CONTRACTOR SHALL PROVIDE LOCAL REMOTE DISCONNECTING MEANS FOR ALL ELECTRICAL HEATING EQUIPMENT IF REQUIRED BY THE LOCAL ELECTRICAL CODE.
5. HOME-RUNS ONLY ARE REFERENCED ON PLANS. IN ADDITION CONDUIT PATHWAYS BETWEEN DEVICES ARE NOT INCLUDED TO PROVIDE THE INSTALLING CONTRACTOR THE FLEXIBILITY TO INSTALL ALL CONDUIT AND WIRE IN THE MOST EFFICIENT AND NEAT MANNER POSSIBLE. CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL REQUIRED CONDUIT AND CONDUCTORS AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM. REFER TO COVER SHEET E0.01 FOR GENERAL BRANCH CIRCUIT SIZING AND REQUIREMENTS.
6. COORDINATE LOCATIONS AND MOUNTING HEIGHTS FOR ALL DEVICES IN CONTROL ROOM, EQUIPMENT ROOM AND PROCEDURE ROOM WITH VENDOR DRAWINGS AND ELEVATIONS PRIOR TO ROUGH-IN OF ELECTRICAL.
7. IN INSTANCES WHERE A BRANCH CIRCUIT IS REFERENCED MORE THAN ONCE ON A SEPARATE HOME-RUN, THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING A J-BOX ABOVE THE PANELBOARD TO CONSOLIDATE CIRCUITS INTO ONE (1) SINGLE BRANCH CIRCUIT CONNECTION BY SPLICING ALL CONDUCTORS TOGETHER AND ROUTING ONE (1) SINGLE CONDUIT AND GROUP OF BRANCH CIRCUIT CONDUCTORS FROM THE J-BOX TO THE ASSOCIATED TERMINATIONS WITHIN THE PANELBOARD.
8. ALL CONDUITS, FEEDERS, ETC. ARE TO BE EQUIPPED WITH A CODE SIZED GREEN GROUNDING CONDUCTOR.
9. CONTRACTOR IS TO PROVIDE AND INSTALL A 4S J-BOX ABOVE THE CEILING AT EACH RECEPTACLE/DEVICE LOCATION THEN EXTEND REQUIRED/PROPERLY SIZED CONDUIT AND WIRE FROM J-BOX AND TERMINATE AT EACH DEVICE. IT IS NOT PERMITTED TO CONNECT DEVICES WITHIN THE SAME AND/OR ADJACENT/DIFFERENT ROOMS.
10. NO IFC AND/OR FLEX CONNECTIONS ARE PERMITTED FOR USE EXCEPT FOR WHEN CONNECTIONS ARE BEING MADE FROM A J-BOX TO A LIGHT FIXTURE OR OTHER SIMILAR DEVICE INSTALLED ABOVE THE CEILING. ALL OUTLETS/DEVICES INSTALLED WITHIN WALLS ARE TO BE CONNECTED WITH HARD PIPE EMT CONDUIT AND WIRE.
11. ALL CONDUIT, J-BOXES, 6'-0" FLEXIBLE CONNECTIONS TO FIXTURES, METALLIC PARTS, MOUNTING HARDWARE, ETC. INSTALLED WITHIN THE MRI ROOM ARE TO BE GROUNDING ALUMINUM CONDUITS. COORDINATE REQUIREMENTS WITH FIELD CONDITIONS PRIOR TO ROUGH-IN OF ELECTRICAL.

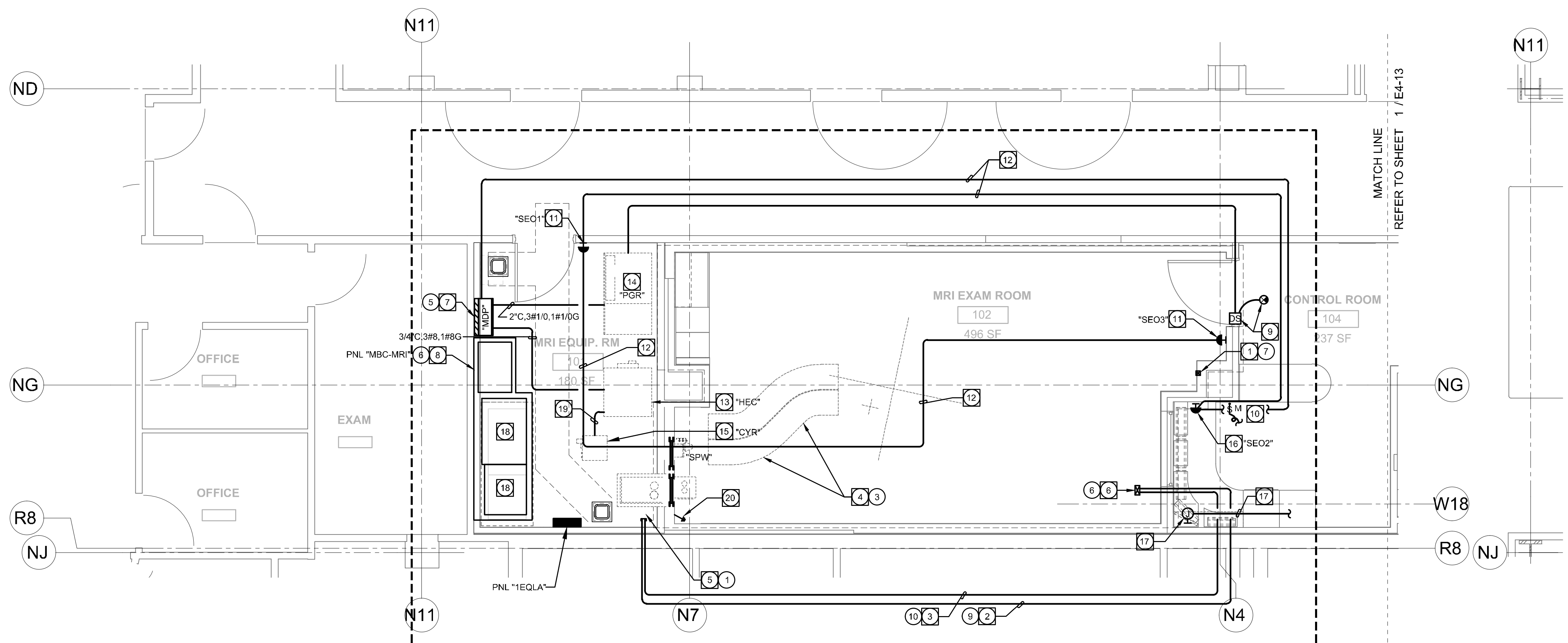
NOTE: CONTRACTOR TO REFER TO FINAL VENDOR DRAWINGS AND INSTALLATION GUIDES FOR ALL CONDUIT, INSTALLATION REQUIREMENTS AND RESPONSIBILITIES. CONTRACTOR IS RESPONSIBLE FOR PROVIDING AND INSTALLING ALL VENDOR REQUIRED RACEWAYS, PATHWAYS, ETC. AS NOTED AND REFERENCED ON VENDOR DESIGN DOCUMENTS.

NOTE: CONTRACTOR IS RESPONSIBLE FOR PERFORMING COMPREHENSIVE TESTS OF THE EXISTING ELECTRICAL POWER AND GROUNDING SYSTEMS TO ENSURE THE SYSTEMS ARE OPERATING WITHIN THE REQUIRED/REFERENCED TOLERANCES IDENTIFIED IN THE VENDOR DRAWINGS FOR ALL VENDOR EQUIPMENT/SYSTEMS INCLUDING BUT IS NOT LIMITED TO VOLTAGE TESTS, NEUTRAL TESTS, EQUIPOTENTIAL GROUND/VOLTAGE LEAK TESTS, ETC. CONTRACTOR TO REFER TO FINAL VENDOR DRAWINGS AND INSTALLATION GUIDES FOR MANUFACTURER RECOMMENDED TOLERANCES AND VALUES.

NOTE: ALL NUMBERED CIRCLES REPRESENT/CORRESPOND TO EQUIPMENT/ INFRASTRUCTURE IDENTIFICATIONS INCLUDED ON SHEET E6 OF GE VENDOR DRAWINGS. COORDINATE REQUIREMENTS PRIOR TO ROUGH-IN.

NOTE: ALL CONDUIT HOMERUNS ARE TO INCLUDE A DEDICATED GREEN GROUND CONDUCTOR SIZED PER NEC AND TERMINATED PER MANUFACTURER'S AND APPLICABLE CODE REQUIREMENTS.

NOTE: ALL EQUIPMENT, DEVICES, J-BOXES, ETC. ARE TO BE CLEARLY ENGRAVED WITH THE CIRCUIT AND PANELBOARD INFORMATION FROM WHICH THEY ARE FED.



TCMC MRI

Tri-City Medical Center
4002 VISTA WAY
OCEANSIDE CA, 92056

OWNER: TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056
TEL(760)940-7709

ARCHITECT: SFEIR ARCHITECTS
5151 SHOREHAM PL SUITE 265
SAN DIEGO, CALIFORNIA 92122
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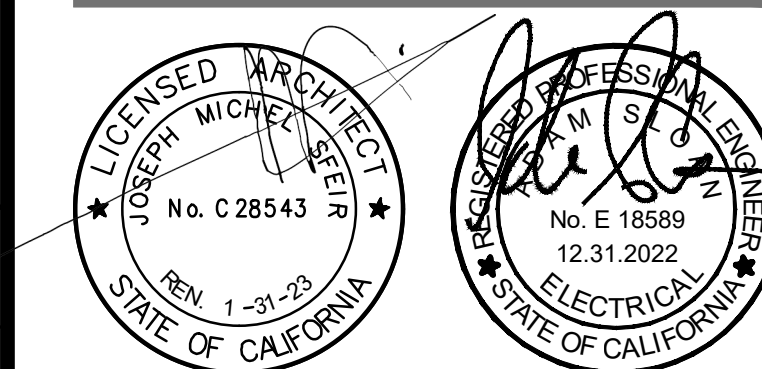
STRUCTURAL: MIYAMOTO INTERNATIONAL, INC.
5550 BALTIMORE DRIVE, SUITE 100
LA MESA, CALIFORNIA 91942
TEL(858)457-3001

MECHANICAL & PLUMBING: SC ENGINEERS, INC.
17075 VIA DEL CAMPO
SAN DIEGO, CALIFORNIA 92127
TEL(658)946-0333

ELECTRICAL: AG DESIGN, INC.
171 S. ANITA DR. SUITE 111
ORANGE, CALIFORNIA 92668
TEL(714)769-9900

SHIELDING: MRI SHIELDING CORPORATION
3554 BUSINESS PARK DR., SUITE B
COSTA MESA, CA 92626
TEL(714)545-7700

INTERIORS: ISLEY DESIGN & PLANNING
1982 PALSERO AVENUE
ESCONDIDO, CA 92029
TEL(760)484-0455



△	OSHPD COMMENTS	8/3/2020
△	DESIGN CHANGES	8/10/2020
△	OSHPD COMMENTS	10/2/2020
△	OSHPD COMMENTS	11/24/2020
△	DESIGN CHANGES	11/24/2020
△	ACD 0001 DESIGN CHANGES	4/14/2021

REV	DESCRIPTION	DATE

CONSULTANT
AG Design Inc.
Consulting Electrical Engineers
714.769.9900
www.AGDesignEng.com

171 S. Anita Dr., Ste. 111 | Orange, CA 92668

OSHPD APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

SHEET TITLE:
ELECTRICAL DETAILS

PROJECT TITLE:
TCMC MRI

PROJECT #:
01907.01/AGD 20-0001

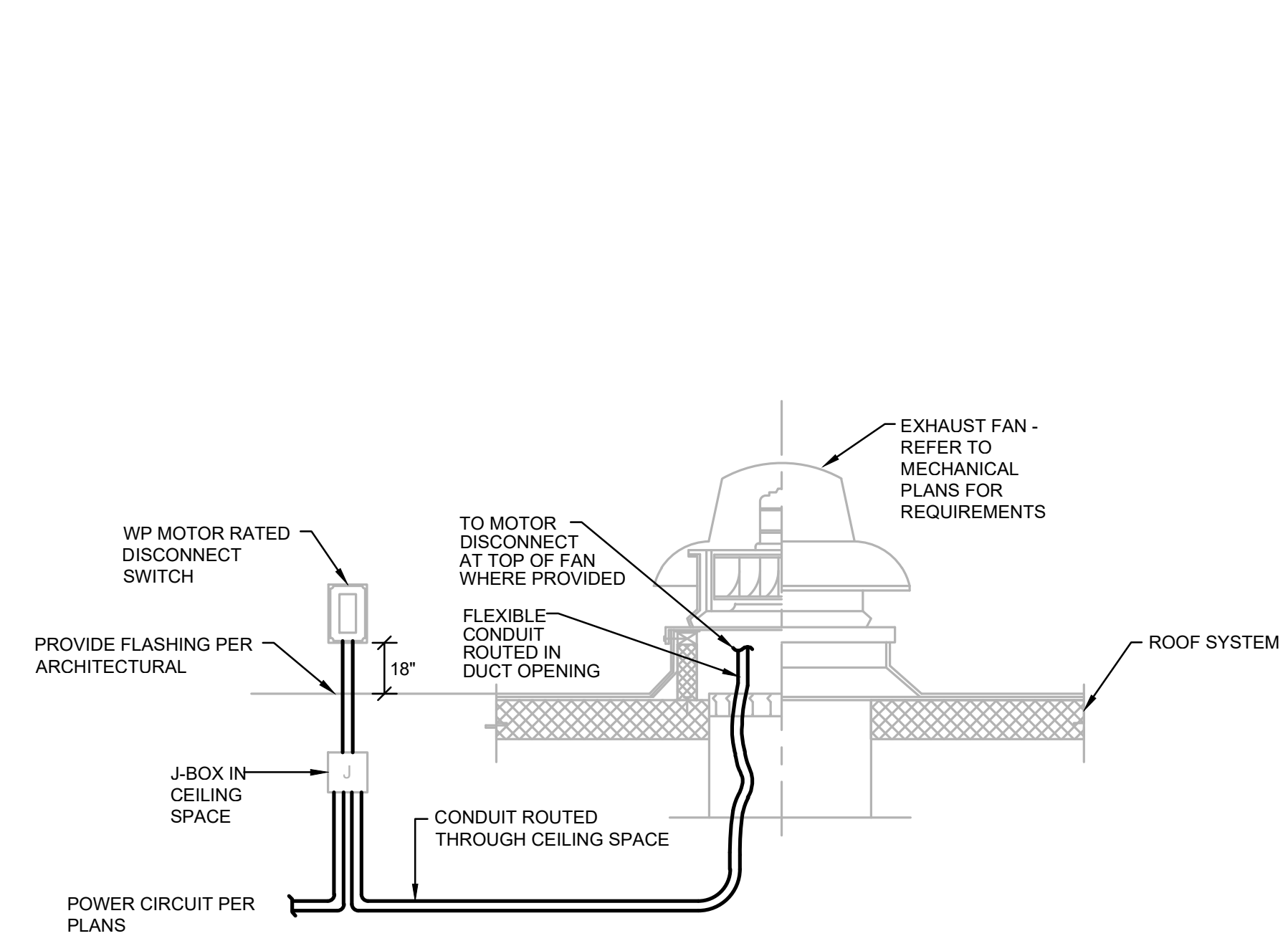
DRAWN BY:
STAFF

CHECKED BY:
ARS

SCALE:
PER TITLE

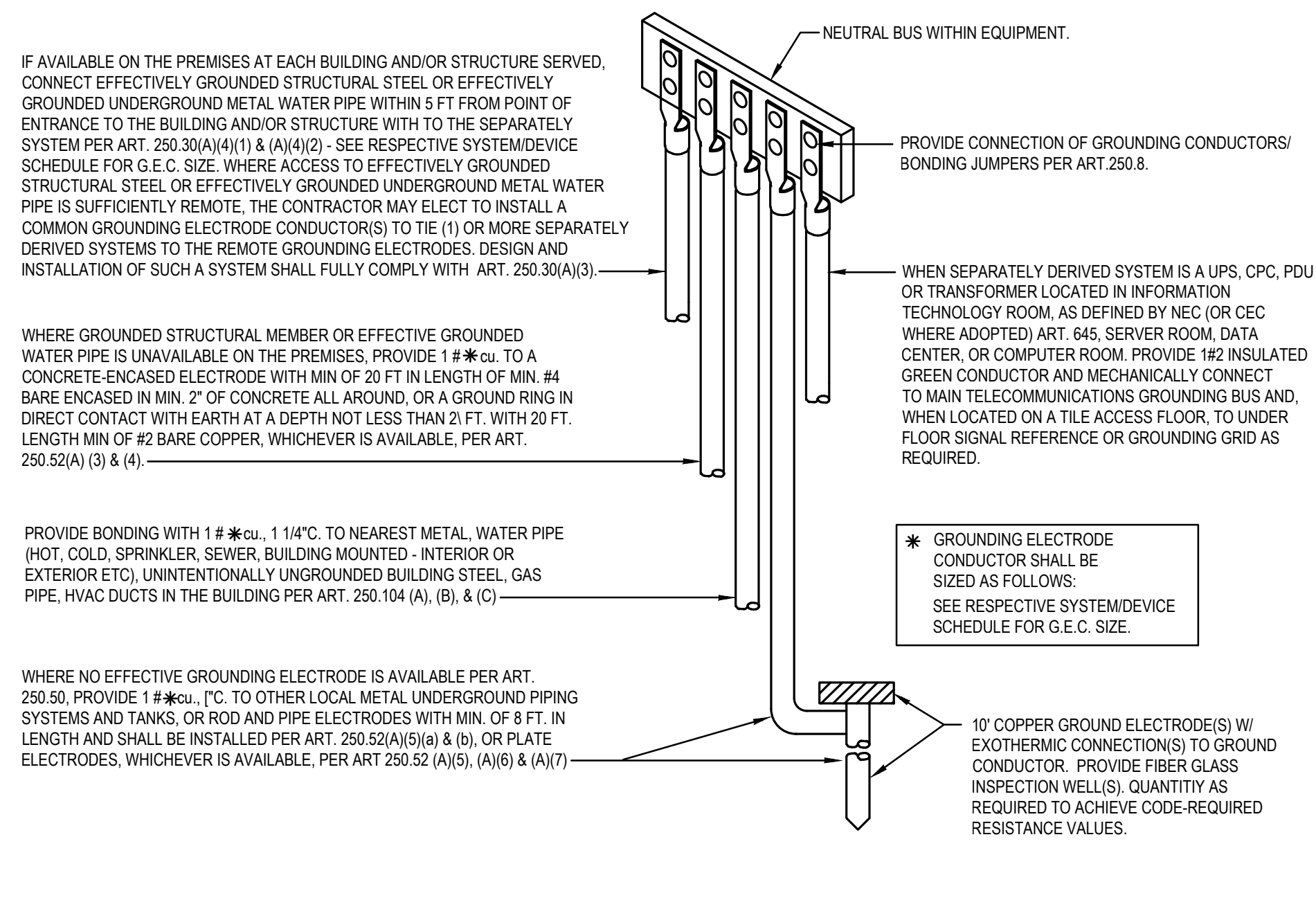
DATE:
03/11/2020

SHEET NUMBER:
E7-00



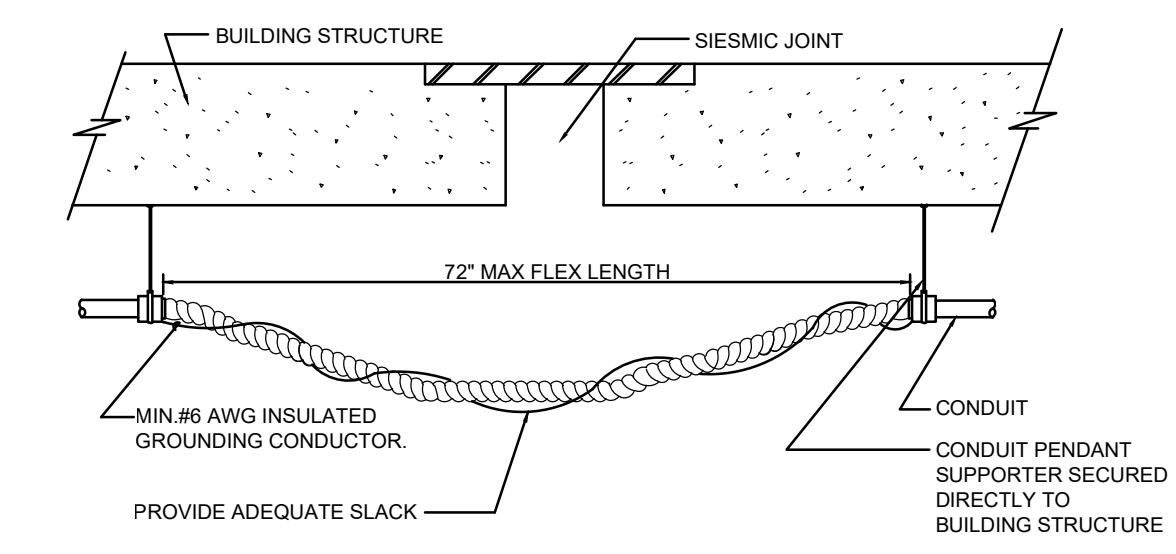
EXHAUST FAN CONNECTION DETAIL

NOT TO SCALE 3



SEPARATELY DERIVED SYSTEM GROUND DETAIL

NOT TO SCALE 2



CONDUIT CROSSING AN EXPANSION JOINT

NOT TO SCALE 5

NOT TO SCALE 4

NOTE: ALL SUPPORTS ARE TO BE INSTALLED WITHIN 6" OF POINT OF CONNECTION TO STRUCTURE ABOVE. MAXIMUM CONDUIT SIZE IS 4".

GENERAL FIRE ALARM NOTES

SYMBOL LEGEND WITH CSFM LISTING NUMBERS

APPLICABLE CODES

- 1 THE FIRE ALARM SYSTEM AND ALL WIRING SHALL CONFORM TO CFC 907.2.3 ARTICLE 760 OF THE 2019 CALIFORNIA ELECTRIC CODE AND 2019 NFPA 72, WITH CA AMENDMENTS.
2 THE SYSTEM SHALL CONFORM TO CURRENT CALIFORNIA CODE OF REGULATIONS (CCR) TITLES 19 & 24 AS APPLICABLE TO THIS PROJECT, AND NATIONAL FIRE PROTECTION AGENCY (NFPA) STANDARD 723.
3 ALL DEVICES OF THE FIRE ALARM SYSTEM SHALL BE APPROVED AND LISTED BY THE CALIFORNIA STATE FIRE MARSHAL AND SHALL BE COMPATIBLE AND INSTALLED ACCORDING TO MANUFACTURERS SPECIFICATIONS.
4 THE EXISTING FIRE ALARM SYSTEM SHALL BE PROTECTED IN PLACE, MAINTAINED AND LEFT IN OPERATION DURING THE SCOPE OF THIS PROJECT.
5 THE SILENT KNIGHT FIRE ALARM SYSTEM AND ROUGH-IN DEMONSTRATED ON THIS PLAN IS ALL NEW. A COMPLETE NEW FIRE ALARM INFRASTRUCTURE WILL BE INSTALLED.
6 AN APPROVED SET OF FIRE ALARM PLANS SHALL BE ON THE JOB SITE AND USED FOR INSTALLATION. ANY DEVIATION FROM APPROVED PLANS, INCLUDING THE SUBSTITUTION OF DEVICES, SHALL BE APPROVED BY THE OSHPD FIRE MARSHAL.
7 ANY DISCREPANCIES BETWEEN THE DRAWINGS AND THE CODE OR RECOGNIZED STANDARDS SHALL BE BROUGHT TO THE ATTENTION OF THE INSPECTOR OF RECORD.
8 ALL ANNUNCIATORS, INITIATING, AND INDICATING DEVICES SHALL BE SUPERVISED TO THE PRINCIPLE POINT OF ANNUNCIATION, THE FIRE ALARM CONTROL PANEL.
9 WIRING SHALL NOT BE LOOPED THROUGH DEVICES AND MUST BE CUT IN AND OUT AT EACH DEVICE.
10 ONLY SIGNALING LINE CIRCUITS (SLC) MAY BE T-TAPPED TO PROVIDE LESS RESISTANCE ON THE CIRCUIT. SIGNALING LINE CIRCUITS SHALL ONLY BE T-TAPPED AT DEVICES, IN TERMINAL OR CONTROL LOCATIONS. REFER TO AND COMPLY WITH THE MANUFACTURERS REQUIREMENTS AND LIMITS FOR T-TAPPING.
11 AUDIBLE AND VISUAL DEVICES SHALL COMPLY WITH THE AUDIBILITY AND FLASH LEVELS AS SPECIFIED IN NFPA 72 AND ALL AMENDMENTS SPECIFIED IN TITLE 24. THIS INCLUDES DEVICE LOCATION AND COVERAGE. VOICE ANNOUNCEMENTS SHALL BE INTELLIGIBLE PER CHAPTER 18 NFPA 72.
12 THE AUDIBLE ALERT TONE SHALL BE CODED TEMPORAL PATTERN FOLLOWED BY A VOICE ANNOUNCEMENT. THE AUDIBLE SIGNAL SHALL HAVE A MINIMUM SOUND LEVEL OF 15 DECIBELS ABOVE THE AVERAGE AMBIENT NOISE LEVEL OR 5 db ABOVE THE MAXIMUM SOUND LEVEL FOR A DURATION OF AT LEAST 60 SECONDS NOT TO EXCEED 110 DECIBELS AT THE MINIMUM HEARING DISTANCE. THE AUDIBLE SIGNAL SHALL BE SYNCHRONIZED THROUGH OUT THE CAMPUS.
13 AUDIBILITY WILL BE DETERMINED BY SOUND METER TESTING BY THE INSPECTOR OF RECORD.
14 INSTALL 3/4" CONDUIT MINIMUM OR SERIES V2400 WIREMOLD FOR ABOVE GROUND RACEWAY. WIREMOLD SHALL BE SIZED ACCORDING TO FILL AND EXISTING CONDITIONS. ALL SURFACE MOUNT WIREMOLD SHALL BE STEEL V2400 SERIES. SURFACE WIREMOLD SHALL ONLY BE INSTALLED WHERE CONCEALED CONDUIT CAN NOT BE INSTALLED DUE TO LACK OF COVER. ALL NEW 2" UNDERGROUND CONDUITS SHALL BE INSTALLED TO PROVIDE A NEW FIRE ALARM BACKBONE INFRASTRUCTURE.
15 THE ELECTRICAL CONTRACTOR SHALL INSTALL PULL ROPES IN THE EMPTY CONDUIT SYSTEM AS INSTALLED.
16 WIRING MUST BE LISTED FOR USE AS REQUIRED BY TITLE 24/CEC, ARTICLE 760.
17 CABLE INSTALLED IN WET LOCATIONS EITHER ABOVE OR BELOW GROUND SHALL BE MOISTURE RESISTANT OR A TYPE APPROVED AND LISTED FOR USE UNDER WET CONDITIONS. (SECTION 310-8.1 C.E.C.)
18 ONLY WIRING CONNECTED TO THE FIRE ALARM SYSTEM SHALL BE INSTALLED IN THE SAME JUNCTION BOXES, RACEWAY AND CONDUIT SYSTEM.
19 ALL ROUGH-IN CONDUIT, WIREMOLD, BACKBOXES, PULL BOXES, & 120 VAC POWER SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR UNDER DIRECTION OF THE FIRE ALARM CONTRACTOR.
20 THE ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL DEDICATED 120VAC POWER CIRCUITS TO ALL NEW FIRE ALARM SYSTEM PANELS. PROVIDE A LOCK-ON BREAKER AT THE ELECTRICAL PANELS AND PERMANENTLY LABEL THE BREAKER AS "FIRE ALARM CONTROL POWER."
21 ALL TERMINATIONS IN MAIN TERMINAL CABINETS SHALL BE MADE ON TERMINAL STRIPS. ALL FIRE ALARM WIRING TERMINATIONS SHALL BE MADE AT THE FIRE ALARM DEVICES, JUNCTION BOXES OR IN THE TERMINAL CABINETS. NO TERMINATIONS SHALL BE MADE IN UNDERGROUND PULL BOXES.
22 IDENTIFY FIRE ALARM CIRCUITS AT TERMINAL AND JUNCTION LOCATIONS PER CEC 760-42.
23 THE FIRE ALARM FLOOR PLANS ARE DIAGRAMMATIC. ADJUST DEVICE LOCATIONS (WITHIN LIMITS OF NFPA 72 REQUIREMENTS), AND WIRING FOR ACTUAL FIELD CONDITIONS.
24 ALL SMOKE DETECTORS AND OTHER FIRE ALARM DEVICES SHALL BE COVERED AND PROTECTED UNTIL THE AREA OF WORK IS CLEAN AND FREE OF DUST AND DEBRIS. TO ENSURE THAT EACH SMOKE DETECTOR IS WITHIN ITS LISTED AND MARKED SENSITIVITY RANGE, IT SHALL BE TESTED USING EITHER A CALIBRATED TEST METHOD, THE MANUFACTURER'S CALIBRATED SENSITIVITY TEST INSTRUMENT, LISTED CONTROL EQUIPMENT ARRANGED FOR THE PURPOSE, A SMOKE DETECTOR/ CONTROL UNIT ARRANGEMENT WHEREBY THE DETECTOR CAUSES A SIGNAL AT THE CONTROL UNIT WHERE ITS SENSITIVITY IS OUTSIDE ITS ACCEPTABLE RANGE OR OTHER CALIBRATED SENSITIVITY TEST METHOD ACCEPTABLE TO THE FIRE CODE OFFICIAL. DETECTORS FOUND TO HAVE A SENSITIVITY OUTSIDE THE LISTED AND MARKED SENSITIVITY RANGE SHALL BE CLEANED AND RECALIBRATED OR REPLACED. EXCEPTIONS: 1) DETECTORS LISTED AS FIELD ADJUSTABLE SHALL BE PERMITTED TO BE EITHER ADJUSTED WITHIN THE LISTED AND MARKED SENSITIVITY RANGE AND CLEANED AND RECALIBRATED OR THEY SHALL BE REPLACED. 2) THIS REQUIREMENT SHALL NOT APPLY TO SINGLE-STATION SMOKE ALARMS.
25 ALL EXTERIOR ALARM COMPONENTS SHALL BE LISTED FOR OUTDOOR USE.
26 PENETRATIONS THROUGH FIRE RATED WALLS AND FLOORS SHALL BE SEALED WITH A MATERIAL CAPABLE OF PREVENTING THE PASSAGE OF FLAMES AND HOT GASSES AND PROTECTED IN ACCORDANCE WITH THE CALIFORNIA BUILDING CODE.
27 THE NEW FIRE ALARM SYSTEM SHALL BE A FULLY AUTOMATIC SYSTEM. THE NEW SYSTEM DEVICES SHALL BE INSTALLED AS AN AUTOMATIC SYSTEM WITH FULL SMOKE DETECTOR COVERAGE AND HEAT DETECTORS IN ATTICS AND ABOVE ACCESSIBLE CEILING SPACES.
28 A MINIMUM OF 48 HOURS NOTICE SHALL BE REQUIRED FOR ANY INSPECTION AND/OR TESTING.
29 UPON COMPLETION OF SYSTEM INSTALLATION, THE SYSTEM SHALL BE TESTED IN THE PRESENCE OF THE PROJECT INSPECTOR AND IN A MANNER ACCEPTABLE TO OSHPD/PROJECT INSPECTOR. THE CONTRACTOR MUST SUPPLY NECESSARY TESTING EQUIPMENT INCLUDING A "SOUND LEVEL METER" TO CHECK ACCEPTABLE DECIBEL LEVELS OF AUDIBLE DEVICES. PROVIDE TEST RESULTS PER THE NFPA 72 "RECORD OF COMPLETION" TO THE ARCHITECT, OSHPD, PROJECT INSPECTOR, OWNER AND TO THE LOCAL FIRE AUTHORITY. ALL NORMALLY OCCUPIED AREAS SHALL BE PROVIDED WITH A FIRE ALARM DECIBEL LEVEL AT 15 dba ABOVE AMBIENT NOISE LEVELS. REQUEST FOR INSPECTION SHALL INCLUDE STATEMENT OF COMPLIANCE NOTED IN CFC SECTION 901.2.1.
30 THE "END OF LINE RESISTANCE" FOR EACH CIRCUIT SHALL BE TESTED IN THE PRESENCE OF THE PROJECT INSPECTOR AND SHALL NOT EXCEED A MAXIMUM OF 10% OF THE 24 VOLT SYSTEM. EACH COMPONENT IN THE CIRCUIT SHALL NOT EXCEED THE LISTED MANUFACTURER'S MINIMUM OPERATING VOLTAGES. SEE NFPA 72, LOOP RESISTANCE. THIS SECTION REQUIRES THAT ALL INITIATING AND INDICATING (NOTIFICATION APPLIANCE) CIRCUITS TO BE MEASURED AND RECORDED.
31 AFTER INSTALLATION AND TESTING HAS BEEN COMPLETED AND WITNESSED BY THE FIRE INSPECTOR, A COMPLETED NFPA CERTIFICATE OF COMPLIANCE (RECORD OF COMPLETION) SHALL BE ISSUED FROM THE INSTALLING COMPANY AND PROVIDED TO THE INSPECTOR AND DISTRICT.
32 AT COMPLETION OF THE PROJECT, A COPY OF "AS BUILT" DRAWINGS SHALL BE PROVIDED TO THE OWNER/OCCUPANT ALONG WITH WRITTEN OPERATING INSTRUCTIONS, AND MAINTENANCE/TESTING INFORMATION FOR THE FIRE ALARM SYSTEM. A 24-HOUR EMERGENCY RESPONSE PHONE NUMBER FOR AN ALARM COMPANY REPRESENTATIVE SHALL BE PERMANENTLY INSTALLED ADJACENT TO THE CONTROL PANEL. RETAIN ON PREMISES MINIMUM 5 YEARS PER TITLE 19 SECTION 904.1(B). (3 YRS. PER CFC 901.6.2.)
33 ALL FIRE ALARM SYSTEM DOCUMENTATION SHALL BE PROVIDED TO THE OWNER/OCCUPANT EITHER IN A DOCUMENT CABINET ADJACENT TO THE FACP OR IN A LOCATION DESIGNATED BY OWNER/OCCUPANT AND THE LOCATION NOTATED AT THE FACP.
34 THE FIRE ALARM CONTRACTOR SHALL COORDINATE, THROUGH THE GENERAL CONTRACTOR, WITH THE DISTRICT TO PROVIDE A DEDICATED PRIMARY TELEPHONE LINE FOR SUPERVISING STATION MONITORING. THE LINE SHALL BE IN PLACE BEFORE FINAL ACCEPTANCE TESTING. SECONDARY MEANS WILL BE BY CELLULAR TRANSMISSION. THE DISTRICT WILL DETERMINE THE CENTRAL STATIONS MONITORING COMPANY.

Table with 7 columns: QTY., SYMBOL, DESCRIPTION, PART #, BACKBOX, MANUFACTURER, CSFM LISTING. Rows include PHOTO SMOKE DETECTOR, ATTIC HEAT DETECTOR, FIRE ALARM WALL MOUNTED HORN/STROBE, and NAC END OF LINE RESISTER.

SEQUENCE OF OPERATIONS

Table for Sequence of Operations with columns: ACTION, AC POWER FAILURE, SYSTEM TROUBLE/WIRING FAULT OR OPEN, MANUAL PULL STATION, AREA SMOKE/BEAM DETECTOR, AREA OR ATTIC HEAT DETECTOR, SMOKE/FIRE DAMPER/SMOKE DETECTOR. Rows include activate control panel trouble buzzer, activate control panel supervisory buzzer, activate control panel alarm buzzer, activate relay for central station monitoring, annunciate at facp, etc.

1 PER 2019 CALIFORNIA MECHANICAL CODE 605.8, WHEN THE AUTOMATIC ACTIVATION OF A SMOKE DAMPER OR A COMBINATION SMOKE/FIRE DAMPER OCCURS, THE HVAC SYSTEM SERVICING SUCH DAMPERS SHALL IMMEDIATELY SHUT DOWN. THE HVAC SYSTEM SHALL NOT BE RESTARTED AGAIN UNTIL ALL DAMPERS ARE RESET AND FULLY OPENED.

FIRE ALARM PROJECT NOTES

- 1 ALL WORK SHALL CONFORM TO THE 2019 EDITION OF TITLE 24, CALIFORNIA CODE OF REGULATIONS.
2 THE INTENT OF THE DRAWINGS AND SPECIFICATIONS IS THAT THE WORK OF ALTERATION, REHABILITATION, OR RECONSTRUCTION IS TO BE IN ACCORDANCE WITH THE 2019 EDITION OF TITLE 24, CALIFORNIA CODE OF REGULATIONS. SHOULD ANY CONDITIONS BE DISCOVERED WHICH IS NOT COVERED BY THE CONTRACT DOCUMENTS WHEREIN THE FINISHED WORK WILL NOT COMPLY WITH SAID TITLE 24, CALIFORNIA CODE OF REGULATIONS, A CHANGE ORDER, OR SEPARATE SET OF PLANS AND SPECIFICATIONS, DETAILING AND SPECIFYING THE REQUIRED WORK SHALL BE SUBMITTED TO AND APPROVED BY THE DIVISION OF STATE ARCHITECTS BEFORE PROCEEDING WITH THE WORK. (REFERENCE: SECTION 4-338 CALIFORNIA BUILDING STANDARDS ADMINISTRATIVE CODE, PART 1, TITLE 24 CCR)
3 THE CONTRACTOR SHALL VISIT THE SITE AND BECOME THOROUGHLY FAMILIAR WITH ALL EXISTING CONDITIONS AS WELL AS ALL ASPECTS OF THE SCOPE OF THE WORK FOR THIS PROJECT BEFORE SUBMITTING THE BID. THE CONTRACTOR SHALL INCLUDE ALL RESULTING COSTS IN THE BID. BY THE ACT OF SUBMITTING THE BID, THE CONTRACTOR SHALL BE DEEMED TO HAVE MADE SUCH AN EXAMINATION, HAVE ACCEPTED THE EXISTING CONDITIONS AND HAVE INCLUDED THOSE COST IN THE BID.
4 IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A COMPLETE SET OF CONTRACT DOCUMENTS, ADDENDA, DRAWINGS AND SPECIFICATIONS. FAILURE TO DO SO SHALL NOT RELEASE THE CONTRACTOR FROM DOING THE WORK IN COMPLETE ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS.
5 THE CONTRACTOR SHALL COORDINATE HIS WORK WITH THE EXISTING CONDITION OF THE SITE. ANY COSTS TO INSTALL WORK TO ACCOMPLISH THESE REQUIREMENT WHICH DIFFERS FROM THE WORK AS SHOWN ON THE DRAWINGS SHALL BE INCURRED BY THE CONTRACTOR. DISCREPANCIES, AMBIGUITIES OR CONFLICTS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT DURING BID TIME FOR CLARIFICATION. ANY SUCH CONFLICTS NOT CLARIFIED PRIOR TO BID SHALL BE SUBJECT TO THE INTERPRETATION OF THE ENGINEER AT NO ADDITIONAL COST TO THE DISTRICT.
6 IT IS THE INTENT OF THESE DRAWINGS THAT THE NEW FIRE ALARM SYSTEM SHALL BE INSTALLED INDEPENDENT OF THE EXISTING SYSTEM. THE EXISTING FIRE ALARM SYSTEM SHALL BE MAINTAINED IN OPERATION UNTIL THE NEW FIRE ALARM SYSTEM HAS BEEN INSTALLED, TESTED AND ACCEPTED BY THE OSHPD AHJ FOR OCCUPANCY. IF FOR ANY REASON THE EXISTING FIRE ALARM SYSTEM MUST BE TAKEN OUT OF SERVICE THE CONTRACTOR SHALL NOTIFY THE OSHPD IOR, DISTRICT & LOCAL FIRE CHIEF BEFORE REMOVING THE SYSTEM FROM SERVICE. IN ADDITION, THE CONTRACTOR SHALL PROVIDE QUALIFIED PERSONNEL TO PERFORM FIRE WATCH PER THE REQUIREMENTS OF CFC 901.7 AND 1404.5.
7 MINOR ADJUSTMENTS CAUSED BY UNFORESEEN CONFLICTS WITH OTHER SYSTEMS OR UTILITIES DURING THE INSTALLATION OF THE NEW FIRE ALARM SYSTEM INFRASTRUCTURE SHALL BE COORDINATED IN THE FIELD. MAJOR DEVIATIONS SHALL BE BROUGHT TO THE ATTENTION OF THE DISTRICT, ARCHITECT AND ENGINEER FOR RESOLUTION BEFORE ANY CHANGES ARE PERFORMED. POTENTIAL CONFLICTS SHOULD BE ANTICIPATED AND RESOLVED DURING THE BID SITE VISIT AND PREPARATION PER NOTE 3 ABOVE.
8 CONDUIT AND RACEWAY INFRASTRUCTURE ROUTING SHALL BE INSTALLED ACCORDING TO THE PLAN TO PREVENT UNACCOUNTABLE AND UNANTICIPATED VOLTAGE DROP AND COVERAGE PROBLEMS.
9 ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO THE REQUIREMENTS OF THE CALIFORNIA ELECTRICAL CODE AND ALL ALL APPLICABLE CALIFORNIA AND LOCAL CODES AND REGULATIONS.
10 THE CONTRACTOR SHALL PROVIDE AND KEEP UP-TO-DATE A COMPLETE RECORD SET OF DRAWINGS. THESE PRINTS SHALL BE CORRECTED DAILY AND SHOW EVERY CHANGE FROM THE ORIGINAL OSHPD APPROVED DRAWINGS. THIS SET OF DRAWINGS SHALL BE KEPT ON THE JOB SITE AND SHALL BE USED ONLY AS A RECORD SET. UPON FINAL COMPLETION OF THE WORK, THE RECORD DRAWINGS SHALL BE USED TO GENERATE AN ACCURATE SET OF AS BUILT DRAWINGS FOR SUBMISSION PER THE REQUIREMENTS OF THE SPECIFICATIONS. FINAL AS BUILT DRAWINGS SHALL BE PROVIDED IN AUTOCAD AND HARD COPY FORMAT.
11 THE CONTRACTOR SHALL PROVIDE ALL NECESSARY HARDWARE, FITTINGS, TERMINAL STRIPS, ANCILLARY PARTS, ETC. FOR THE INSTALLATION OF A COMPLETE, COMPLIANT AND CERTIFIED FIRE ALARM SYSTEM. ADDITIONAL QUANTITIES OF FIRE ALARM SYSTEM DEVICES, IF NECESSARY, SHALL BE PROVIDED TO INSURE A COMPLETE AND OPERABLE FIRE ALARM SYSTEM ACCEPTABLE TO DISTRICT AND THE INSPECTOR OF RECORD. DEVICE QUANTITIES SHALL BE REEXAMINED AND VERIFIED BY THE CONTRACTOR BEFORE THE BID IS SUBMITTED.
12 UPON ACCEPTANCE OF THE NEW SILENT KNIGHT FIRE ALARM SYSTEM THE EXISTING FIRE/LITE SYSTEM SHALL BE REMOVED FROM SERVICE AND DEVICES SHALL BE REMOVED AND DEMOLISHED. ALL WIRING AND ACCESSIBLE CONDUIT, RACEWAY AND BACKBOXES SHALL BE REMOVED. ALL SURFACES SHALL BE RESTORED AND REFINISHED TO MATCH ADJACENT SURFACES.

- THE EQUIPMENT MUST BE LISTED, LABELED AND APPROVED FOR THE APPLICATION SHOWN IN THE CONTRACT DOCUMENTS, AS FIRE ALARM EQUIPMENT COMPLYING WITH THE FOLLOWING REQUIREMENTS:
1. ALL PARTS OF THE 2019 CALIFORNIA BUILDING CODE BECOME EFFECTIVE JANUARY 1, 2017 EXCEPT THE EFFECTIVE DATE FOR THE USE OF THE 2019 BUILDING ENERGY EFFICIENCY STANDARDS [TITLE 24, PART 1, CHAPTER 10, PART 6 AND AFFECTED PROVISIONS IN PART 11 (CAL GREEN BUILDING STANDARDS CODE)] IS JULY 1, 2014 AND THE EFFECTIVE DATE FOR CALIFORNIA ADMINISTRATIVE CODE, PART 1 TITLE 24 IS FEBRUARY 28, 2019. TITLE 24 CODES ARE AS FOLLOWS:
a. 2019 CALIFORNIA ADMINISTRATIVE CODE (CAC) PART 1, TITLE 24, CCR
b. 2019 CALIFORNIA BUILDING CODE (CBC), PART 2, TITLE 24, CCR
c. 2019 CALIFORNIA ELECTRICAL CODE (CEC), PART 3, TITLE 24 CCR
d. 2019 CALIFORNIA MECHANICAL CODE (CMC), PART 4, TITLE 24 CCR
e. 2019 CALIFORNIA PLUMBING CODE (CPC), PART 5, TITLE 24, CCR
f. 2019 CALIFORNIA ENERGY CODE (CEC), PART 6, TITLE 24 CCR
g. 2019 CALIFORNIA EXISTING BUILDING CODE (CEBC), PART 10, TITLE 24, CCR (BASED ON THE 2018 INTERNATIONAL BUILDING CODE)
h. 2019 CALIFORNIA FIRE CODE, PART 9, TITLE 24 CCR (BASED ON THE 2015 INTERNATIONAL FIRE CODE (IFC))
i. 2019 CALIFORNIA GREEN BUILDING STANDARDS CODE, PART 11, TITLE 24, CCR
j. 2019 CALIFORNIA REFERENCED STANDARDS, PART 12, TITLE 24 CCR
k. TITLE 19 CCR PUBLIC SAFETY, STATE MARSHAL REGULATIONS. 20017 ASME A17.1 (WITH A12.1A/CSA B44-08 ADDENDA) SAFETY CODE FOR ELEVATORS AND ESCALATORS
2. NFPA STANDARDS AND GUIDELINES:
a. NFPA 13 AUTOMATIC SPRINKLER SYSTEMS, 2019 EDITION
b. NFPA 14 STANDPIPE SYSTEMS 2019 EDITION
c. NFPA 17 DRY CHEMICAL EXTINGUISHING SYSTEMS 2013 EDITION
d. NFPA 17A WET CHEMICAL SYSTEMS 2019 EDITION
e. NFPA 20 STATIONARY PUMPS 2019 EDITION
f. NFPA 22 STANDARD FOR WATER TANKS FOR PRIVATE FIRE PROTECTION
g. NFPA 24 PRIVATE FIRE ALARM CODE 2019 EDITION
h. NFPA 72 NATIONAL FIRE ALARM CODE 2019 EDITION
i. NFPA 80 FIRE DOOR AND OTHER OPENING EDICTION PROTECTIVES 2019 EDITION
j. NFPA 92 STANDARD FOR SMOKE CONTROL SYSTEMS 2019 EDITION
k. NFPA 243 CRITICAL RADIANT FLUX OF FLOOR COVERING SYSTEMS 2011 EDITION
l. NFPA 2001 CLEAN AGENT FIRE EXTINGUISHING SYSTEMS 2012 EDITION
m. UL 300 FIRE TESTING OF FIRE EXTINGUISHING SYSTEMS FOR PROTECTION OF RESTAURANT COOKING AREA 2005 EDITION
n. UL 484 AUDIBLE SIGNAL APPLIANCES 2003 EDITION
o. UL 521 HEAT DETECTORS FOR FIRE PROTECTIVE SIGNALING SYSTEMS 1999 EDITION
p. UL 1971 STANDARD FOR SIGNALING DEVICES FOR THE HEARING IMPAIRED
q. ICC 300 STANDARD FOR BLEACHERS, FOLDING AND TELESCOPIC SEATING, AND GRANDSTANDS

BUILDING DATA

PROJECT ADDRESS: TRI-CITY MEDICAL CENTER, 4002 VIST WAY, OCEANSIDE, CALIFORNIA 92056
EXISTING IMAGING OFFICE SPACE TO BE RENOVATED TO MRI AND CARE SUITE. FIRE ALARM DEVICES TO BE ADDED AS REQUIRED TO BRING THE SPACE UP TO CURRENT CODE.

FIRE ALARM SYSTEM CABLE SCHEDULE

Table with 6 columns: TAG, USAGE, WIRE IN CONDUIT, TYPE, MANUFACTURER, PART #. Rows include CONTROL WIRING, AUX POWER CIRCUIT, SLC - SIGNALING LINE CIRCUIT, VISUAL NAC - STROBE CIRCUIT, MONITOR WIRING.

WEST PENN CSFM LISTING: 7161-0859-0101

NOTE: CONTRACTOR IS RESPONSIBLE FOR PROVIDING A TEMPORARY FIRE ALARM SYSTEM AND FIRE WATCH AS REQUIRED THROUGHOUT THE COURSE OF CONSTRUCTION TO ENSURE THE REMODEL SPACE AND ENTIRETY OF THE FIRE ALARM SYSTEM ARE OPERATIONAL AND PERFORMING THE NECESSARY FUNCTIONS TO PROTECT THE BUILDING AND ITS OCCUPANTS.
SEQUENCE OF OPERATION TESTING
COMPLETE FIRE ALARM SUBMITTAL
AUTOMATIC ADDRESSABLE FIRE ALARM SYSTEM

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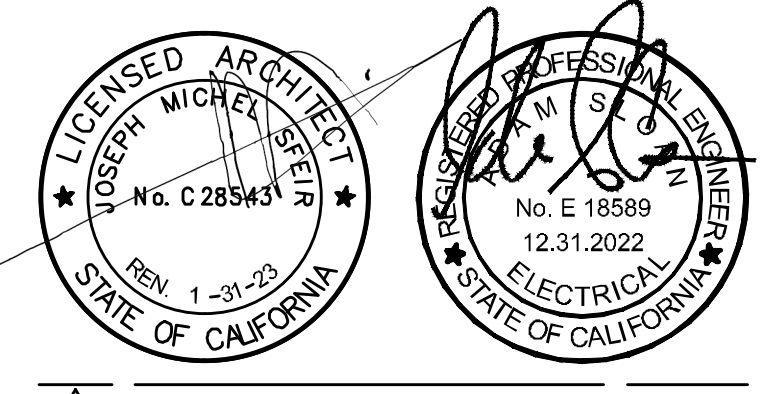


Table of OSHPD comments and design changes with dates.

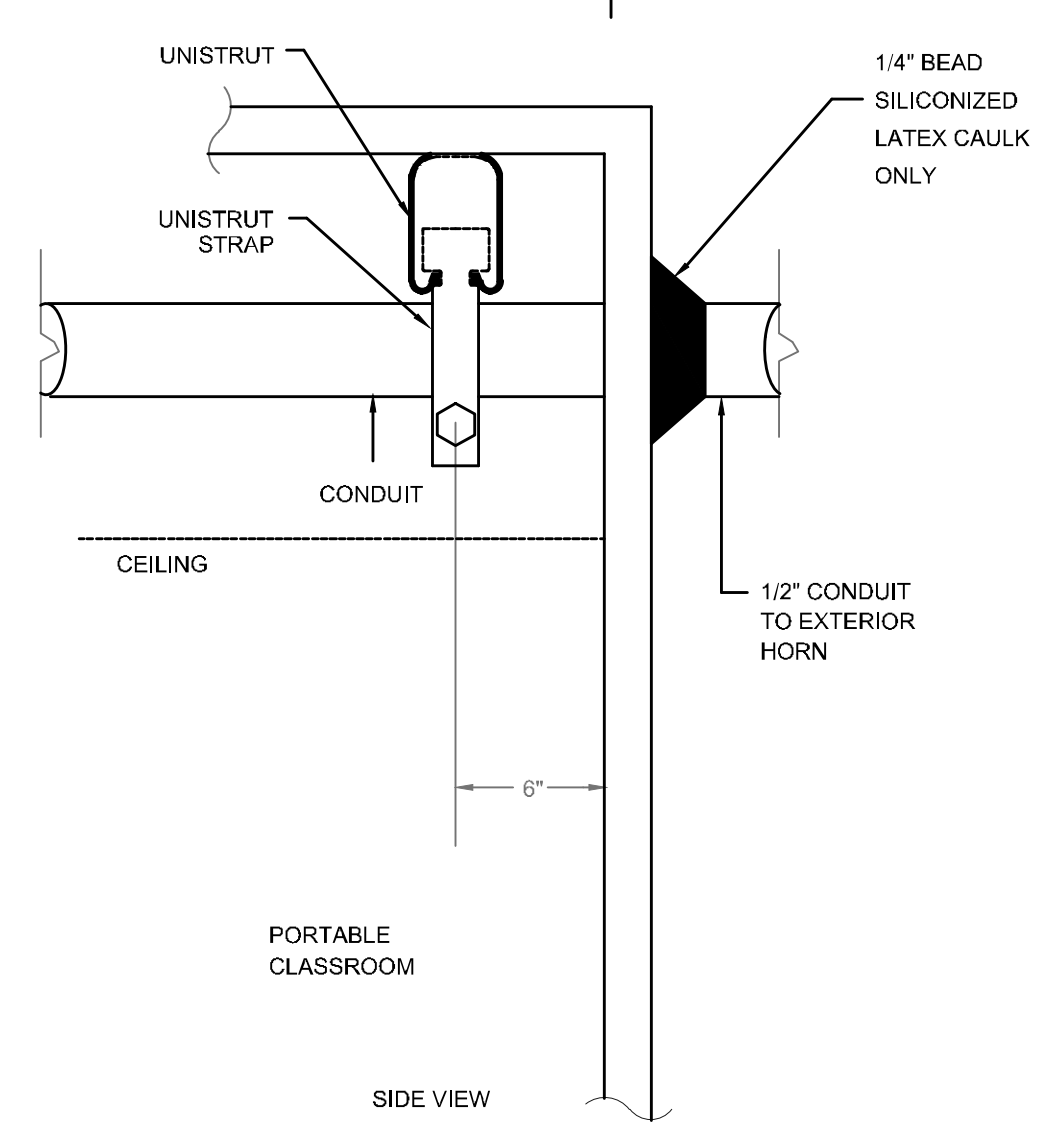
Table for revision history with columns: REV, DESCRIPTION, DATE.

CONSULTANT: AG Design Inc., Consulting Electrical Engineers, 714.769.9900, www.AGDesignEng.com

OSHPD APPROVAL STAMP: OSHPD # S2008133-00-ACD0001

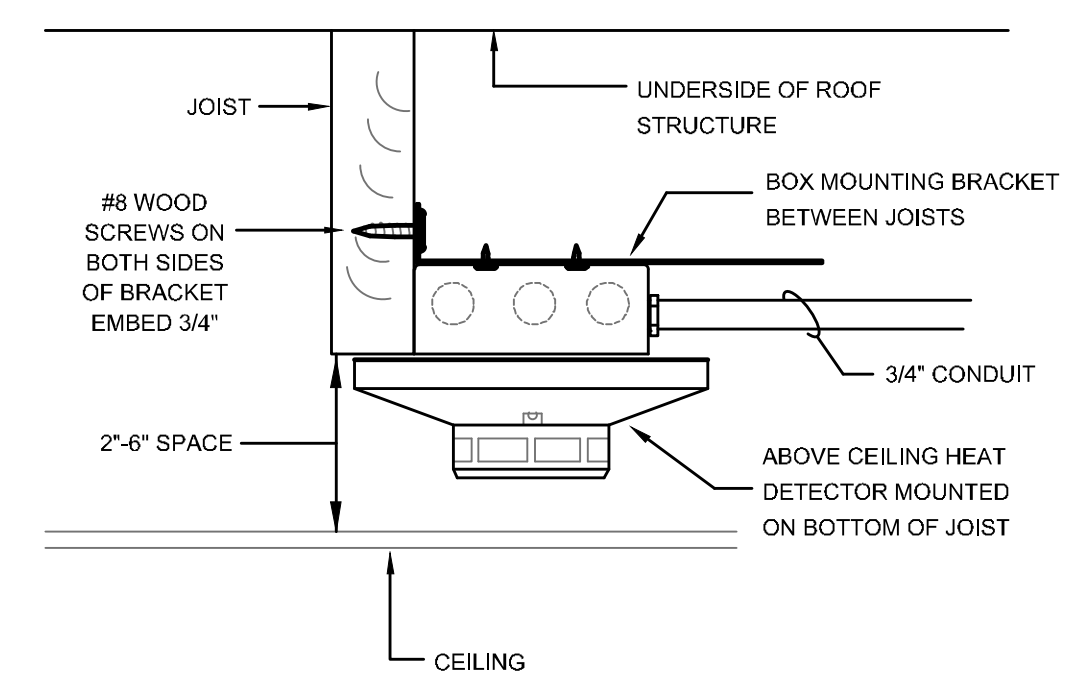
SHEET TITLE: FIRE ALARM COVER SHEET

PROJECT TITLE: TCMC MRI
PROJECT # 01907.01(AGD) 20-0001
DRAWN BY: STAFF
CHECKED BY: ARS
SCALE:
PER TITLE:
DATE: 03/11/2020
FA0-00



SEAL TIGHT PENETRATION

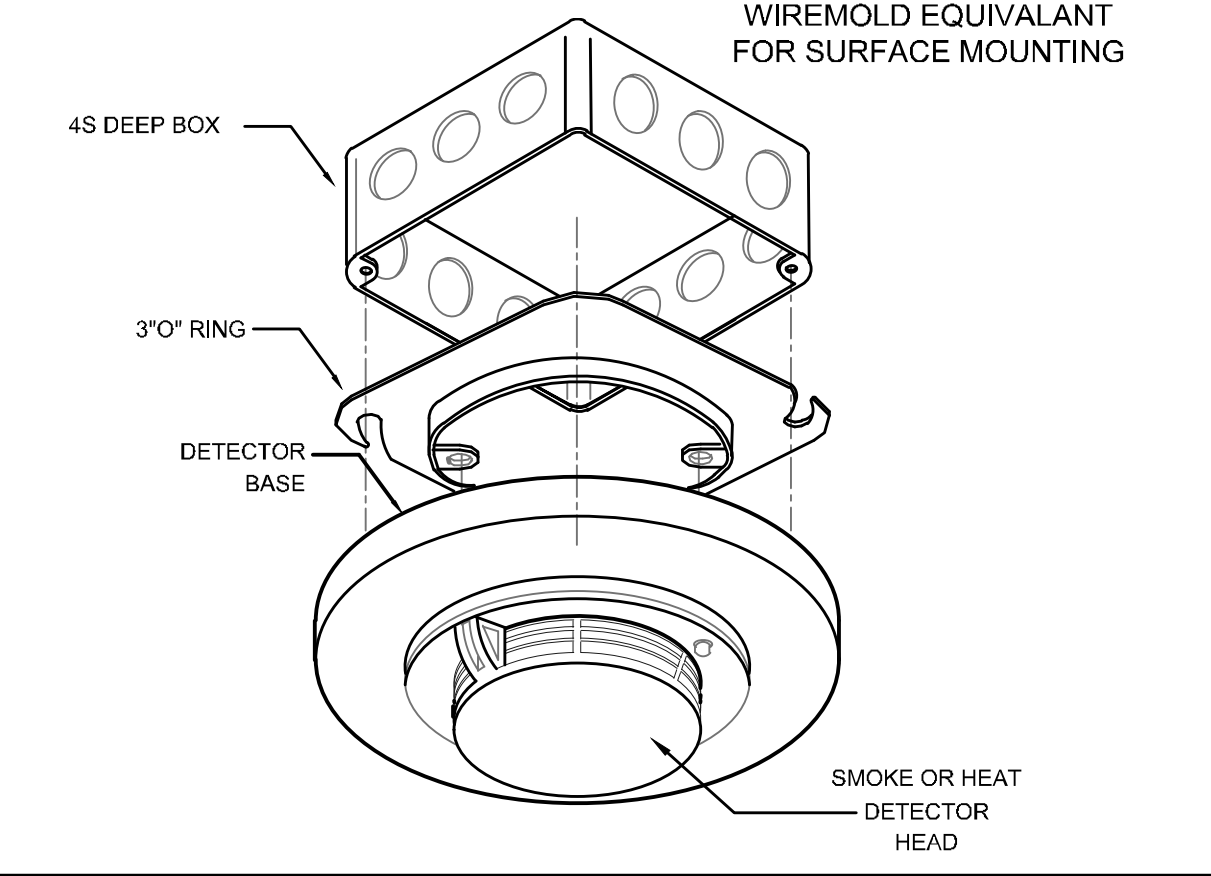
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HEAT DETECTOR ABOVE CEILING - LIMITED CLEARANCE

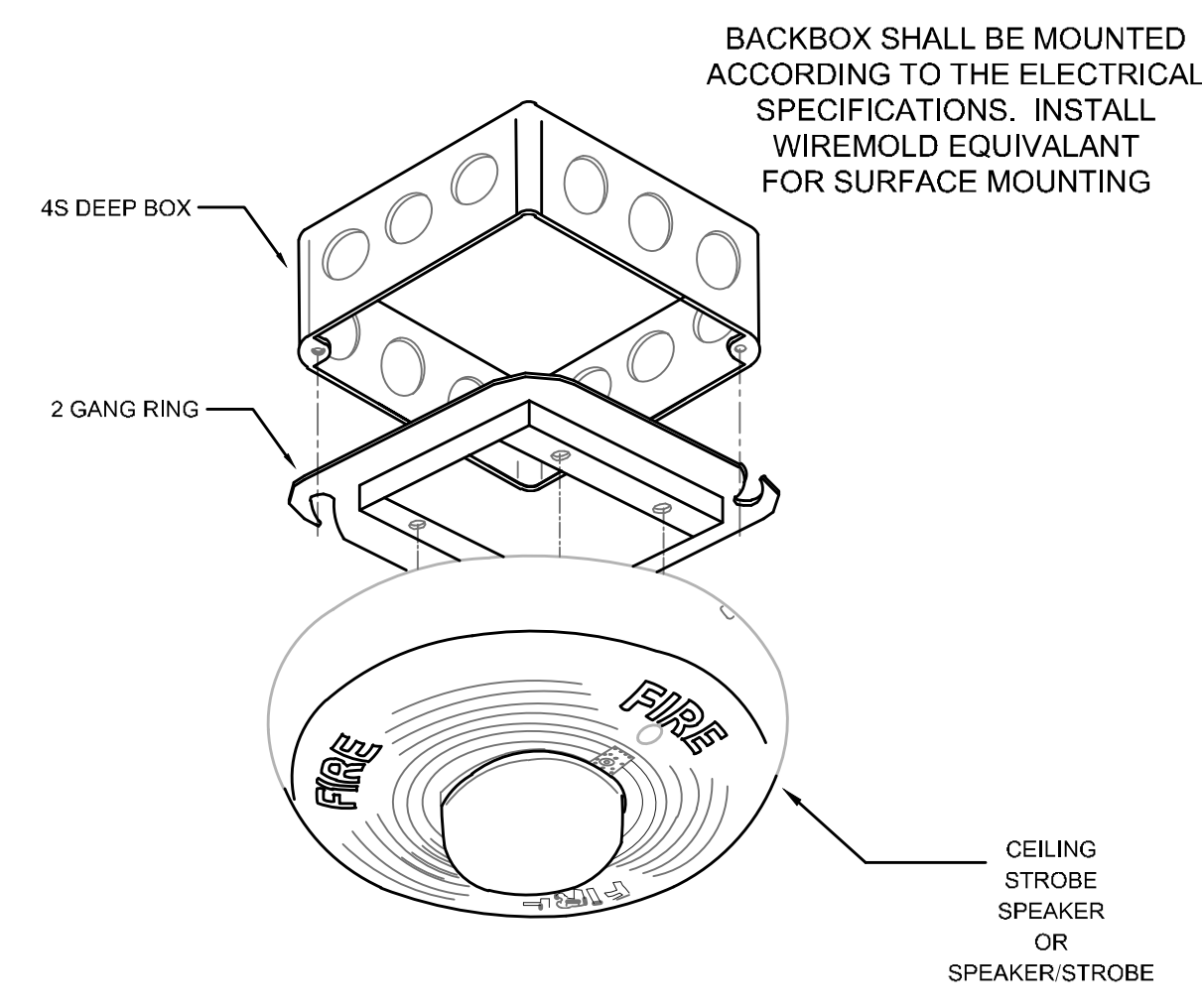
NOT TO SCALE 3

BACKBOX SHALL BE MOUNTED ACCORDING TO THE ELECTRICAL SPECIFICATIONS. INSTALL WIREMOLD EQUIVALENT FOR SURFACE MOUNTING



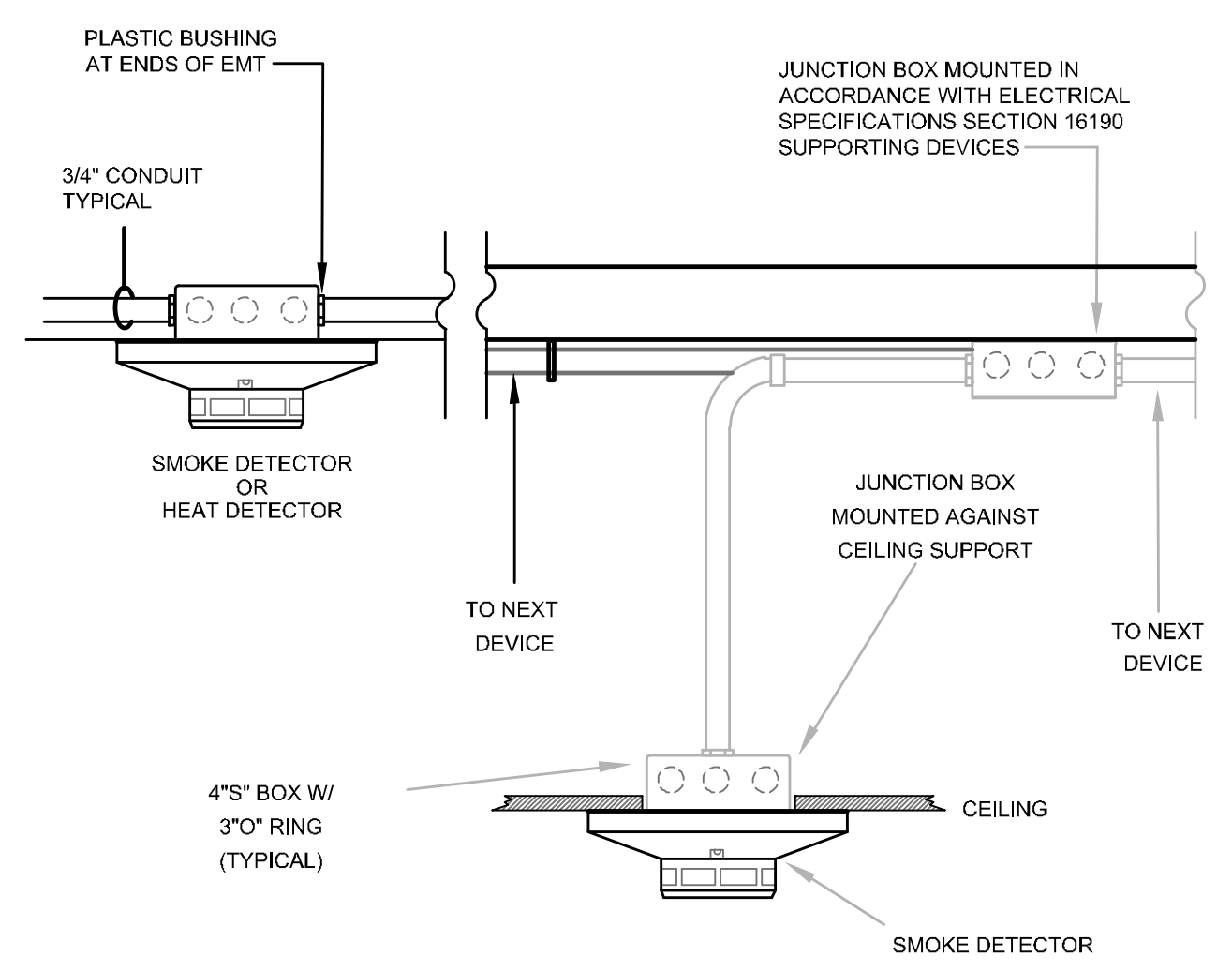
CEILING/ATTIC MOUNT SMOKE & HEAT DETAIL

NOT TO SCALE 4



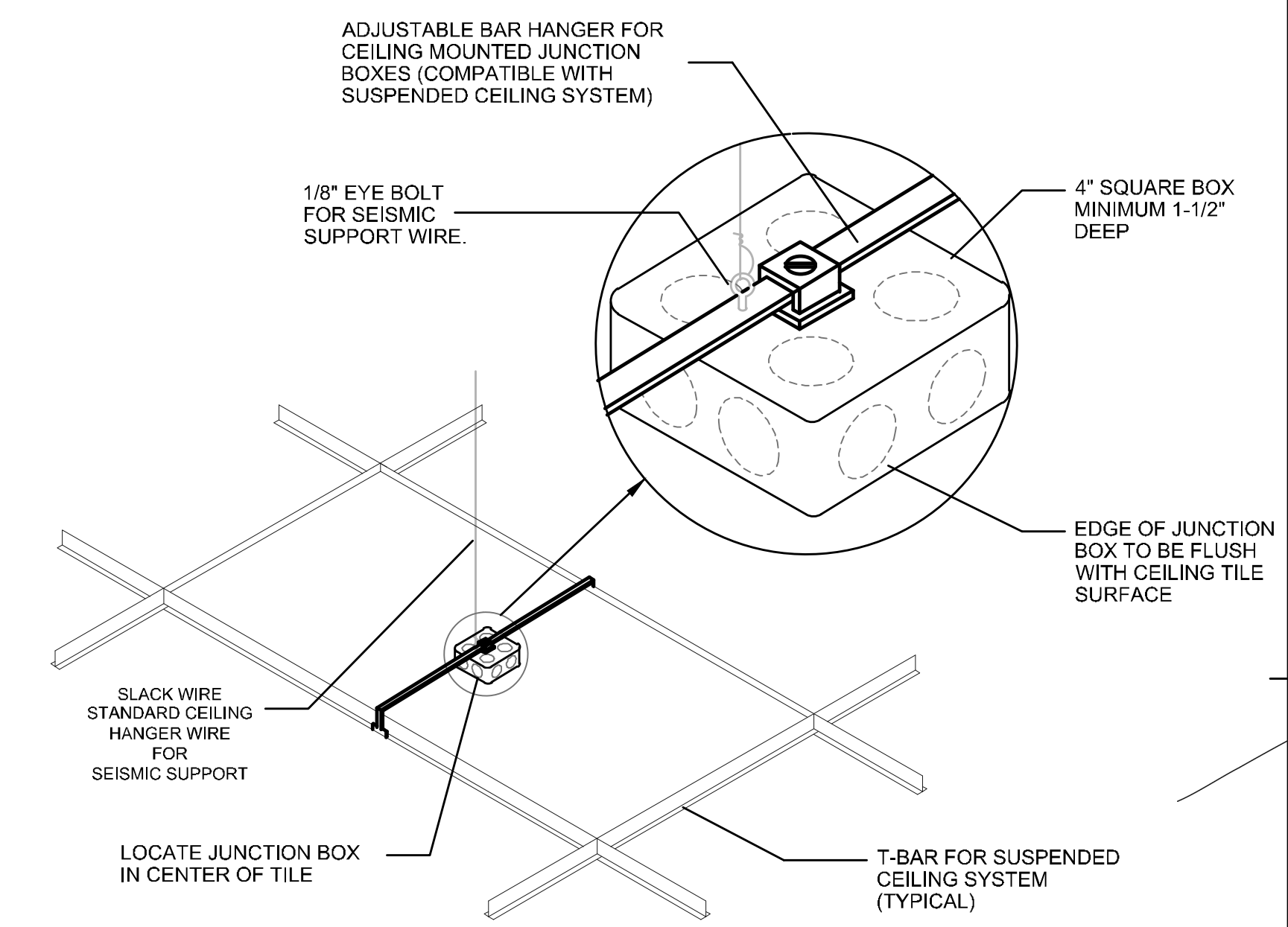
CEILING MOUNT STROBE, SPEAKER & SPEAKER/STROBE DETAIL

NOT TO SCALE 6



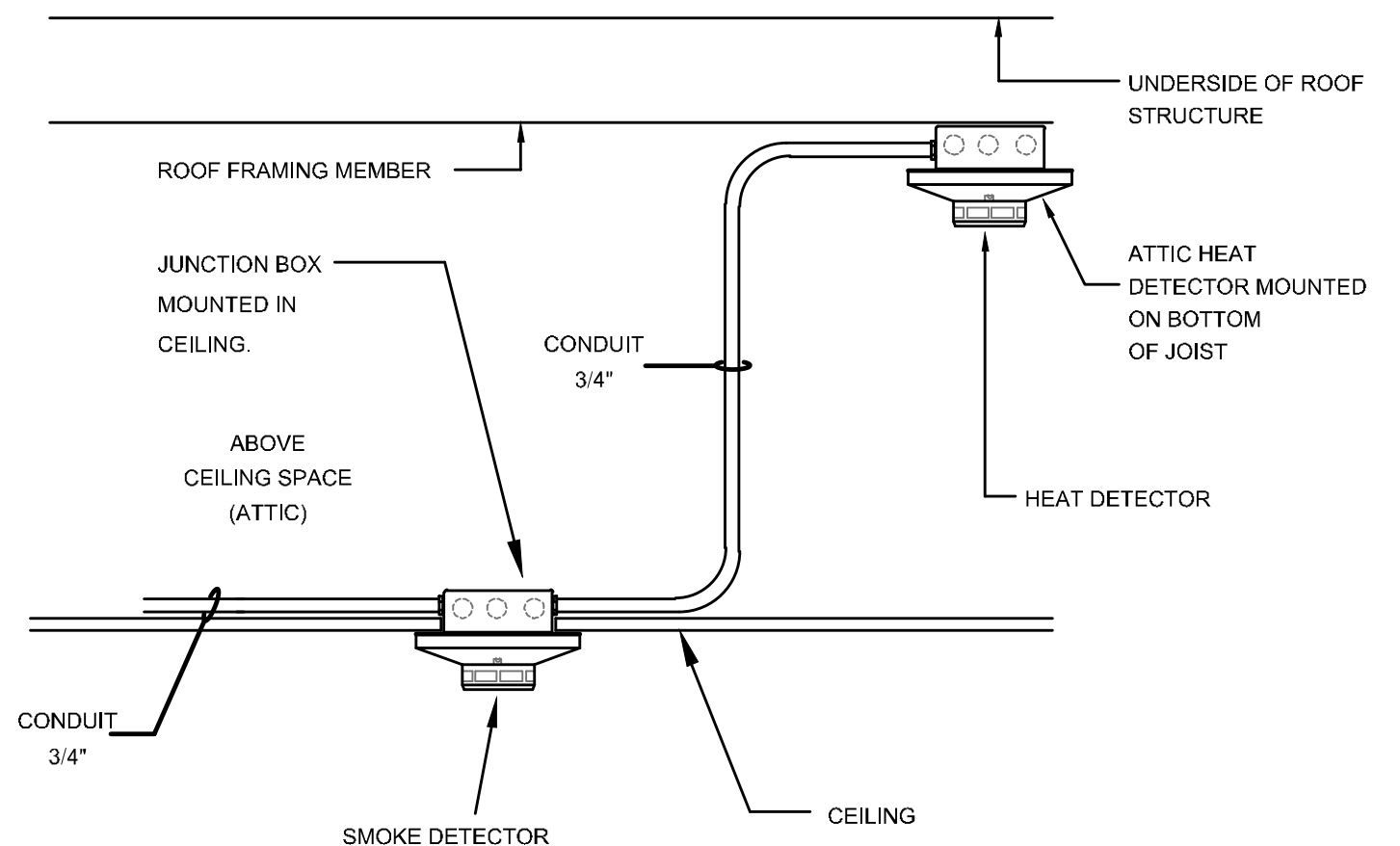
TYPICAL DETECTOR MOUNTING DETAIL

NOT TO SCALE 7



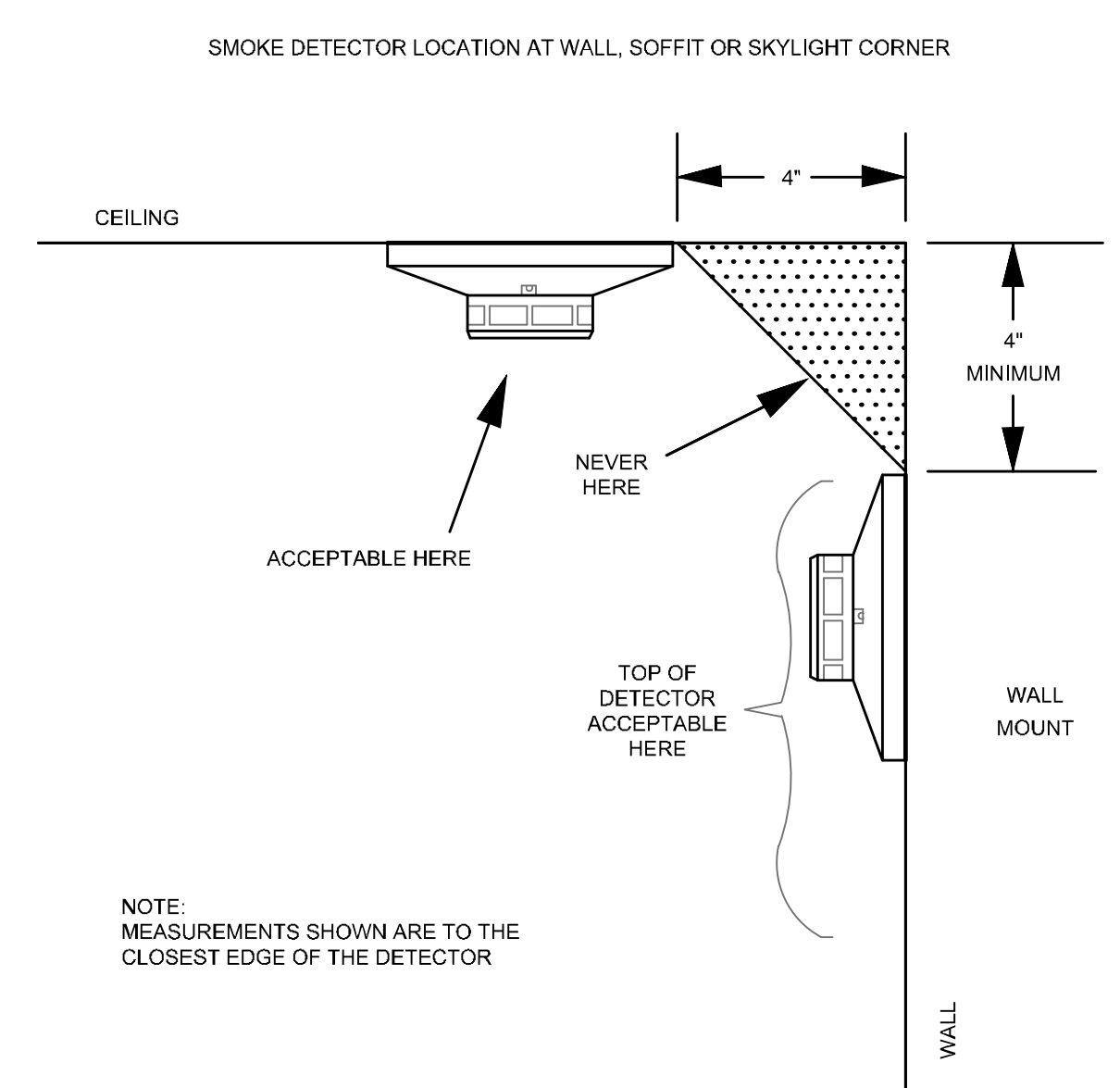
SMOKE DETECTOR, STROBE, SPEAKER & SPEAKER/STROBE MOUNTING

NOT TO SCALE 8



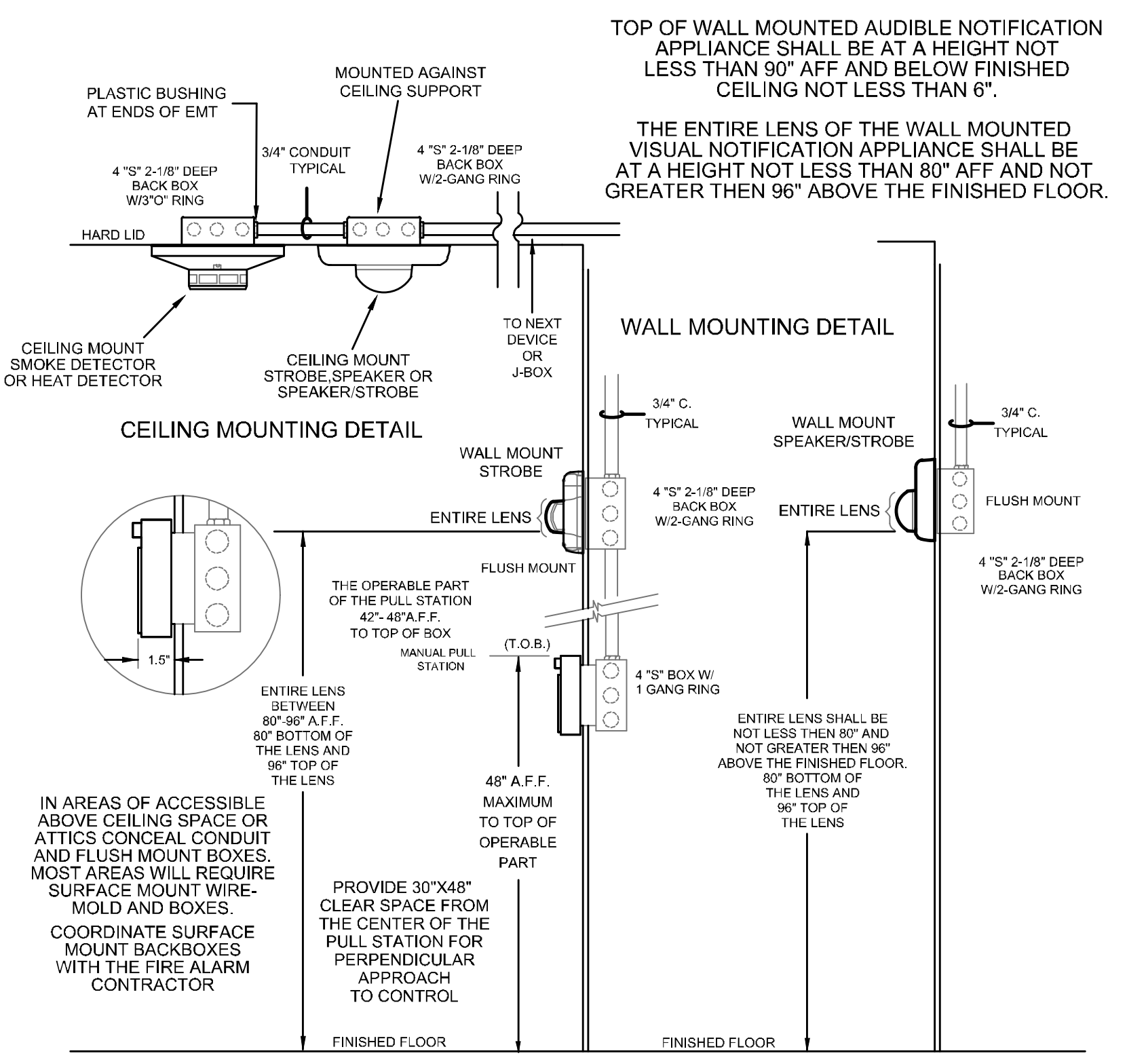
TYPICAL SMOKE DETECTOR & HEAT DETECTOR MOUNTING

NOT TO SCALE 10



SMOKE DETECTOR CORNER MOUNTING DETAIL

NOT TO SCALE 11



MOUNTING HEIGHT DETAIL

NOT TO SCALE 12

OWNER: TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056
TEL(760)940-7709

ARCHITECT: SFEIR ARCHITECTS
5151 SHOREHAM PL SUITE 265
SAN DIEGO, CALIFORNIA 92122
TEL(619)299-3917

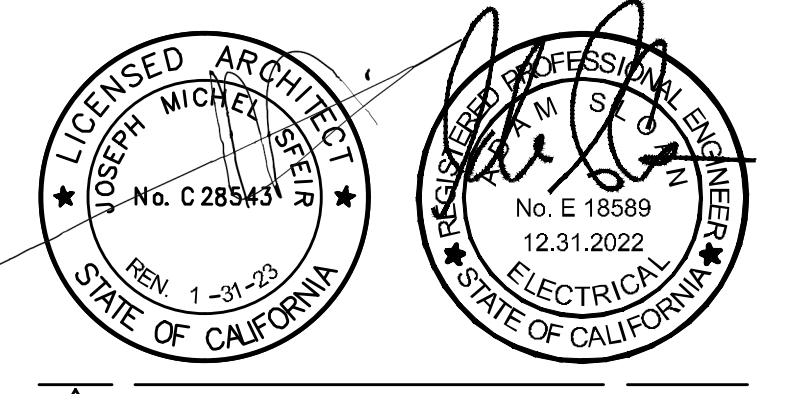
STRUCTURAL: MIYAMOTO INTERNATIONAL, INC.
5550 BALTIMORE DRIVE, SUITE 100
LA MESA, CALIFORNIA 91942
TEL(858)457-3001

MECHANICAL & PLUMBING: SC ENGINEERS, INC.
17075 VIA DEL CAMPO
SAN DIEGO, CALIFORNIA 92127
TEL(659)946-0333

ELECTRICAL: AG DESIGN, INC.
171 S. ANITA DR. SUITE 111
ORANGE, CALIFORNIA 92668
TEL(714)769-9900

SHIELDING: MRI SHIELDING CORPORATION
3554 BUSINESS PARK DR., SUITE B
COSTA MESA, CA 92626
TEL(714)545-7700

INTERIORS: ISLEY DESIGN & PLANNING
1982 PALSERO AVENUE
ESCONDIDO, CA 92029
TEL(760)484-0455



OSH/PO COMMENTS	8/9/2020
DESIGN CHANGES	8/10/2020
OSH/PO COMMENTS	10/2/2020
OSH/PO COMMENTS	11/24/2020
DESIGN CHANGES	11/24/2020
ACD 0001 DESIGN CHANGES	4/14/2021

CONSULTANT
AG Design Inc.
Consulting Electrical Engineers
714.769.9900
www.AGDesignEng.com

171 S. Anita Dr., Ste. 111 | Orange, CA 92668
OSH/PO APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

SHEET TITLE:
FIRE ALARM DETAILS

PROJECT TITLE:
TCMC MRI

PROJECT #: 01907.01/AGD 20-0001
SHEET NUMBER:
DRAWN BY: STAFF
CHECKED BY: ARS
SCALE:
PER TITLE
DATE: 03/11/2020

FA5-10

NOVUS - NURSE CALL LEGEND						
SYMBOL	DESCRIPTION	MANUFACTURER	MODEL NUMBER	ROUGH IN REQUIREMENTS	CONDUIT SIZE	NOTES
	DOMELIGHT	WESTCOM	NV-DOME2/V	4 1/4" SQUARE BACKBOX WITH 2 GANG RING (BY ELECTRICAL CONTRACTOR)	1/2"	
	NURSE CONSOLE CDT	WESTCOM	NV-DOME2/V	4 1/4" SQUARE BACKBOX WITH 2 GANG RING (BY ELECTRICAL CONTRACTOR)	1/2"	
	DIGITAL MED PUSHPORT PORTAL	WESTCOM	NV-DAMP	4 1/4" SQUARE BACKBOX WITH 1 GANG RING (BY ELECTRICAL CONTRACTOR)	1/2"	
	VISUAL PATIENT STATION	WESTCOM	NV-VPS2	4 1/4" SQUARE BACKBOX WITH 1 GANG RING (BY ELECTRICAL CONTRACTOR)	1/2"	
	PUSH BUTTON w/ STAFF EMERGENCY CORD REEL	WESTCOM	NV-PRZ/SE/CR	4 1/4" SQUARE BACKBOX WITH 1 GANG RING (BY ELECTRICAL CONTRACTOR)	1/2"	
	EMERGENCY PULL CORD	WESTCOM	NV-SPZ/AP	4 1/4" SQUARE BACKBOX WITH 1 GANG RING (BY ELECTRICAL CONTRACTOR)	1/2"	NO SUPPLY NYLON CORD (7P) - POLYURETHANE CORD (CJ) - GLOW IN THE DARK POLYURETHANE CORD.
	HOME RUN MODULE (EXISTING)	WESTCOM	1-DOME HRM	12"x12" ROFFMAN BOX	1/2"	CRITICAL BRANCH 120 VAC 20 AMP
	STUB OUT					NOTED SIZE CONDUIT STUBBED TO ACCESSIBLE CEILING SPACE

NURSE CALL CABLE LIST		
SYMBOL	DESCRIPTION	NOMINAL O.D.
A	CAT 5 - 4 PAIR TWISTED CABLE	.200"
B	18/2 CONDUCTOR - 2 CONDUCTORS/18 GAUGE	.186"

NOTES:
ALL CABLES ARE PLENUM RATED

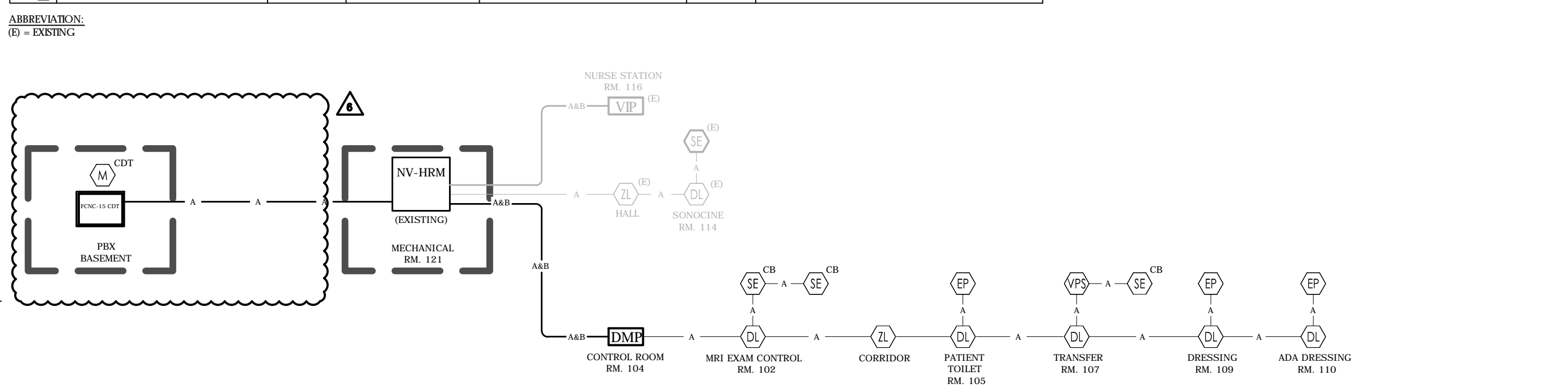
REFERENCE NOTES:
1 VERIFY EXACT MOUNTING HEIGHTS AND LOCATION WITH OWNER/ARCHITECT.

WEST-COM & T.V., INC
2200 CORDELA ROAD
FAIRFIELD, CA 94534
TEL: (707) 428-5900
F: (707) 428-5938
www.westcall.com
CA Contractor's License No. 480398
CR Contractor's License No. 120688

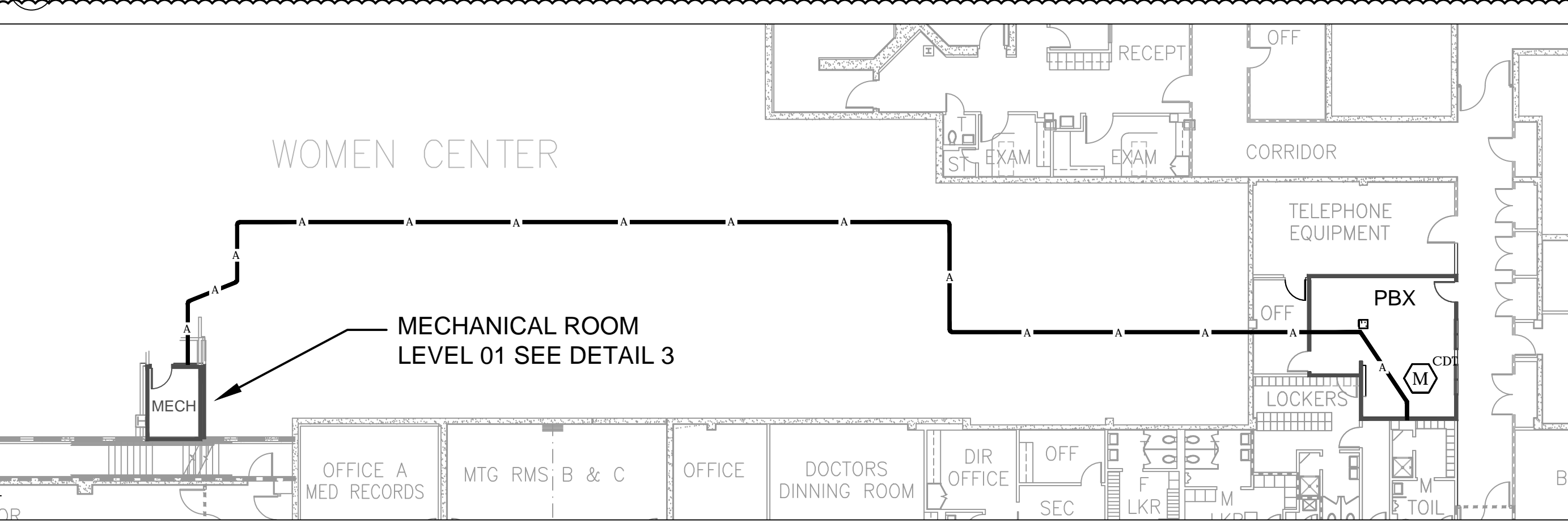
S F E I R
ARCHITECTS

5151 Shoreham Pl, Suite 265
San Diego, CA 92122

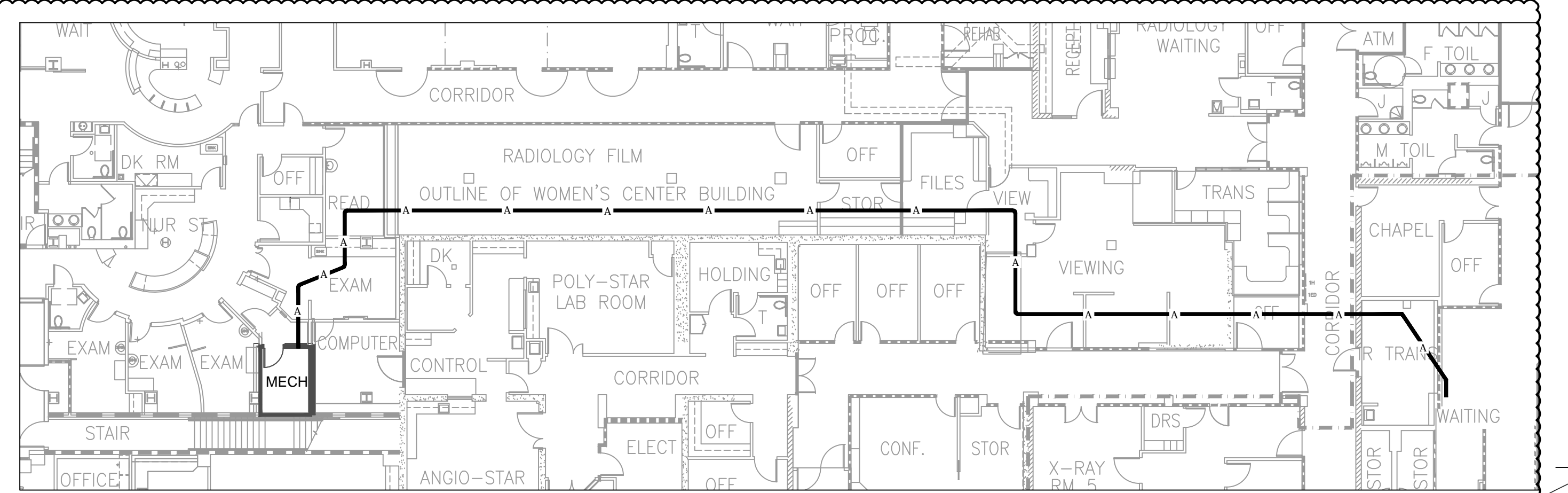
P: 619-299-3917
F: 619-299-5084
www.sfeirarch.com



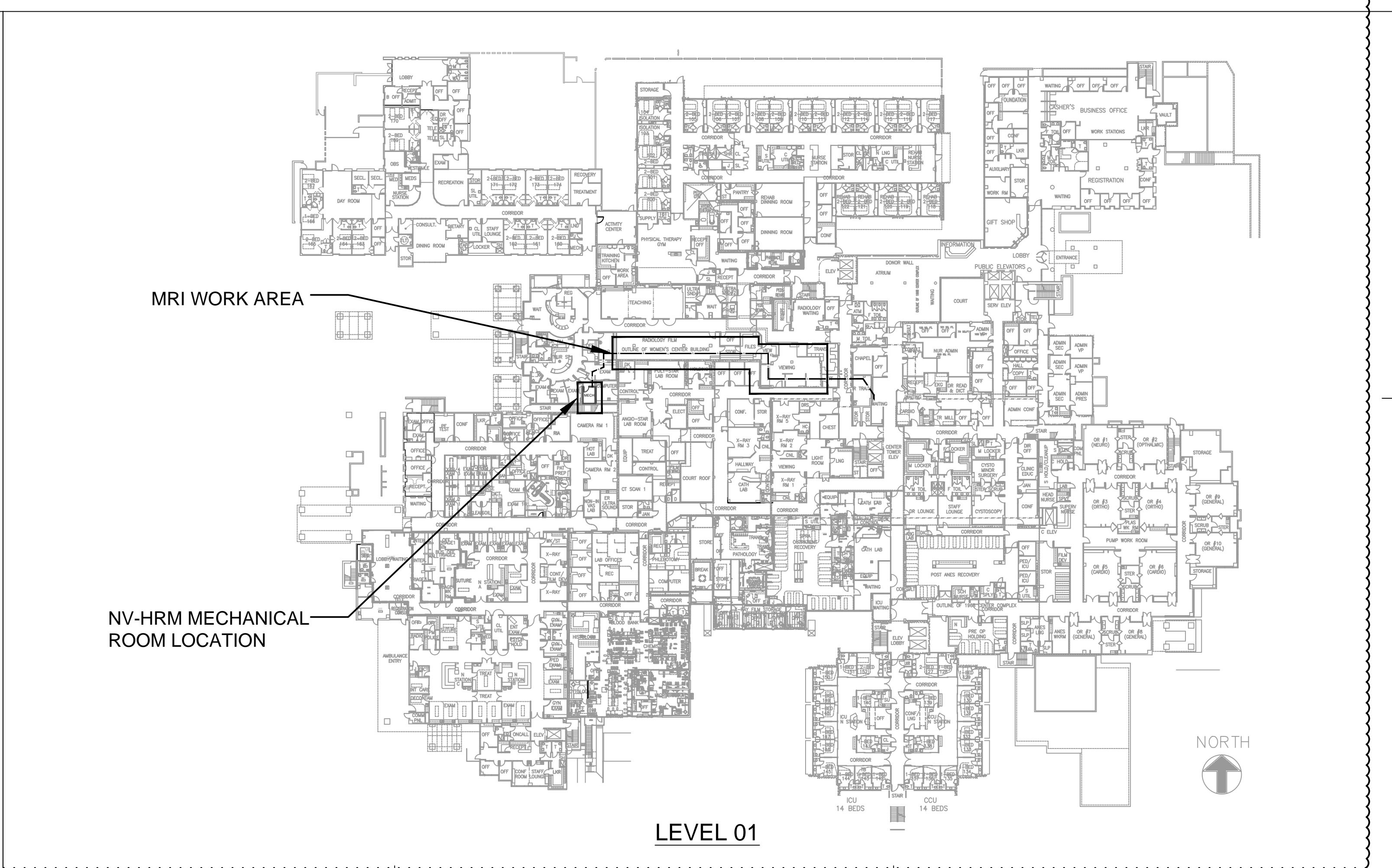
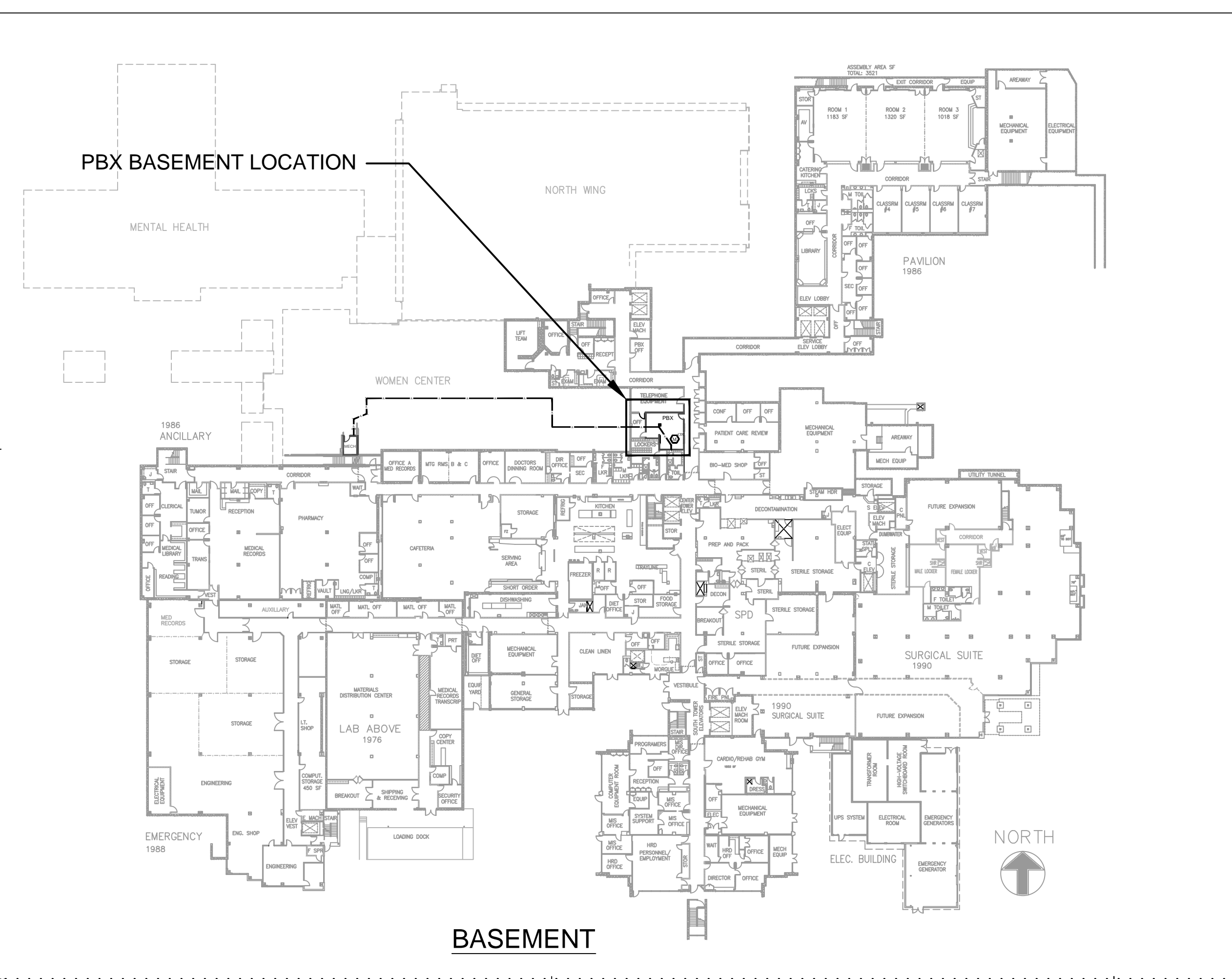
1 RISER DIAGRAM



2 PBX BASEMENT NETWORK CABLE ROUTING
Scale: 1/16" = 1'-0"



3 LEVEL 01 MECHANICAL ROOM TO PBX NETWORK CABLE ROUTING
Scale: 1/16" = 1'-0"



	OSHPD COMMENTS	8/9/2020
	DESIGN CHANGES	8/10/2020
	OSHPD COMMENTS	10/2/2020
	OSHPD COMMENTS	11/24/2020
	DESIGN CHANGES	11/24/2020
	ACD 0001 DESIGN CHANGES	4/14/2021

REV	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

SHEET TITLE:
**NURSE CALL LEGEND
RISER DIAGRAM
PBX CABLE ROUTING**

PROJECT TITLE:
TCMC MRI

PROJECT #: 01907.01
DRAWN BY: WHK
CHECKED BY: _____

SCALE:
PER TITLE

DATE:
3/11/2020

SHEET NUMBER:
NC-000



REFERENCE NOTES:

1 VERIFY EXACT MOUNTING HEIGHTS AND LOCATION WITH OWNER/ARCHITECT.

NOVUS - NURSE CALL LEGEND

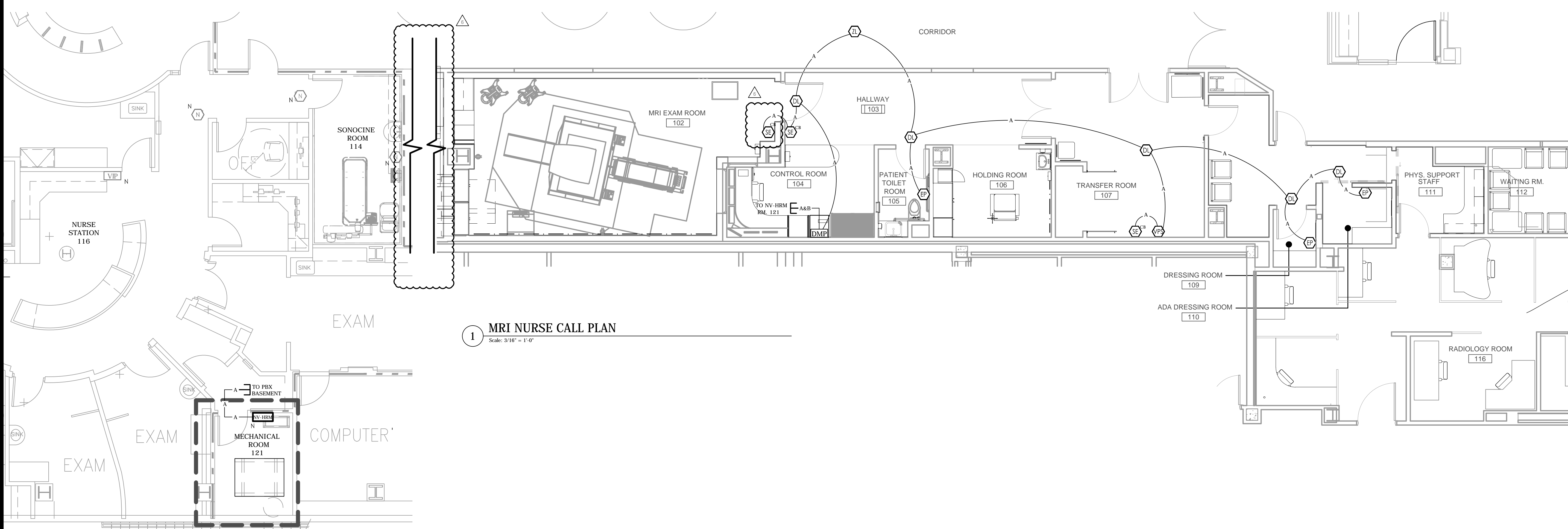
SYMBOL	DESCRIPTION	MANUFACTURER	MODEL NUMBER	ROUGH IN REQUIREMENTS	CONDUIT SIZE	NOTES
DL	DOOR LIGHT	WESTCOM	NV-DOME2/V	4 1/4" H BACKBOX WITH 2 GANG RING (BY ELECTRICAL CONTRACTOR)	1/2"	
DL	ZONE DOOR LIGHT	WESTCOM	NV-DOME2/V	4 1/4" H BACKBOX WITH 2 GANG RING (BY ELECTRICAL CONTRACTOR)	1/2"	
NC	NURSE CONSOLE CDT	WESTCOM	NCNS-15 CDT	4" SQUARE BACKBOX WITH 1 GANG RING (BY ELECTRICAL CONTRACTOR)	1/2"	CRITICAL BRANCH, 120 VAC 20 AMP. INSTALL BACK BOX BELOW COUNTERTOP IF APP.
DMP	DIGITAL MESH PURPOSE PORTAL	WESTCOM	NV-DMP	3 GANG BACKBOX RACO #897 OR SIMILAR (BY ELECTRICAL CONTRACTOR)	1/2"	
VP	VISUAL PATIENT STATION	WESTCOM	NV-VP2	4" SQUARE BACKBOX WITH 1 GANG RING (BY ELECTRICAL CONTRACTOR)	1/2"	
SE	PUSH BUTTON w/STAFF EMERGENCY CODE BLE	WESTCOM	NV-PREZ/SE/CR	4" SQUARE BACKBOX WITH 1 GANG RING (BY ELECTRICAL CONTRACTOR)	1/2"	
EP	EMERGENCY PULL CORD	WESTCOM	NV-EP2/AP	4" SQUARE BACKBOX WITH 1 GANG RING (BY ELECTRICAL CONTRACTOR)	1/2"	NO SUPPLY - NYLON CORD (7' - POLYURETHANE CORD (G) - GLOW IN THE DARK POLYURETHANE CORD.
HRM	HOME RUN MODULE (EXISTING)	WESTCOM	1-DOME HRM	12"x12" HOME RUN BOX POWER REQUIREMENTS - 120 VAC 20 AMP	1/2"	CRITICAL BRANCH, 120 VAC 20 AMP
SC	STUB OUT					NOTED SIZE CONDUIT STUBBED TO ACCESSIBLE CEILING SPACE

NURSE CALL CABLE LIST

SYMBOL	DESCRIPTION	NOMINAL O.D.
A	CAT 5 - 4 PAIR TWISTED CABLE	.200"
B	18/2 CONDUCTOR - 2 CONDUCTORS/18 GAUGE	.186"

NOTES:
ALL CABLES ARE PLENUM RATED

ABBREVIATION:
(E) = EXISTING

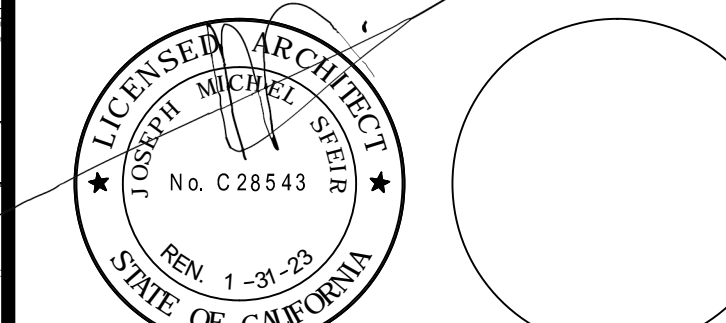


1 MRI NURSE CALL PLAN
Scale: 3/16" = 1'-0"

2 SONO CINO (EXISTING NURSE CALL EQUIPMENT)
Scale: 3/16" = 1'-0"

TCMC MRI
Tri-City Medical Center
4002 VISTA WAY
OCEANSIDE CA, 92056

- OWNER: TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056
TEL(760)940-7709
- ARCHITECT: SFEIR ARCHITECTS
5151 SHOREHAM PL SUITE 265
SAN DIEGO, CALIFORNIA 92122
TEL(619)299-3917
- STRUCTURAL: MIYAMOTO INTERNATIONAL INC
6550 BALTIMORE DRIVE, SUITE 100
LA MESA, CA 91942
TEL(858)457-3001
- MECHANICAL & PLUMBING: SC ENGINEERS, INC.
17075 VIA DEL CAMPO
SAN DIEGO, CALIFORNIA 92127
TEL(858)946-0333
- ELECTRICAL: AG DESIGN, INC.
171 S. ANITA DR. SUITE 111
ORANGE, CALIFORNIA 92668
TEL(714)769-9900 EXT. 201
- SHIELDING: MRI SHIELDING CORPORATION
3554 BUSINESS PARK DR., SUITE B
COSTA MESA, CA 92626
TEL(714)545-7700
- INTERIORS: ISLEY DESIGN & PLANNING
1982 PALSERO AVENUE
ESCONDIDO, CA 92029
TEL(760)484-0455



REV	DESCRIPTION	DATE
1	OSHPD COMMENTS	8/3/2020
2	DESIGN CHANGES	8/10/2020
3	OSHPD COMMENTS	10/2/2020
4	OSHPD COMMENTS	11/24/2020
5	DESIGN CHANGES	11/24/2020
6	ACD 0001 DESIGN CHANGES	4/14/2021

REV	DESCRIPTION	DATE

OSHPD APPROVAL STAMP:
OSHPD #: S200813-37-00-ACD0001

PROJECT TITLE:
MRI NURSE CALL PLAN

PROJECT #:	01907.01
DRAWN BY:	WHK
CHECKED BY:	
SCALE:	PER TITLE
DATE:	3/11/2020

NC-001

GENERAL NOTES:

PURPOSE OF RADIO FREQUENCY INTERFERENCE (RFI) SHIELDING
THE PURPOSE OF THIS ENCLOSURE SYSTEM IS TO SHIELD THE EQUIPMENT WITHIN FROM OUTSIDE RADIO INTERFERENCE THAT COULD CAUSE THE EQUIPMENT TO MALFUNCTION OR PRODUCE ERRONEOUS RESULTS.

MATERIAL SELECTION

TO PRESERVE THE HOMOGENEITY OF THE MAGNETIC FIELD ALL MATERIALS SELECTED FOR THE FABRICATION OF THE ENCLOSURE SYSTEM WHERE FEASIBLE WILL BE NON-FERROUS (IE. COPPER, BRASS, STAINLESS STEEL) WHERE NOT FEASIBLE HEAVY FERROUS MATERIALS ARE NOT TO EXCEED 3 LBS PER SQUARE FOOT AND ARE TO BE PERMANENTLY ATTACHED TO NOT MOVE AND/OR VIBRATE.

SHIELD PERFORMANCE REQUIREMENT

SHIELD SYSTEM IS TO BE ISOLATED FROM GROUND BY AT LEAST 1000 OHMS
THE REQUIRED ATTENUATION LEVELS ARE 100 DB AT 102.2, 127.27, AND 153.9MHz FOR A 3T PLANEWAVE.

RADIO FREQUENCY TESTING

RF TESTING TO FOLLOW MIL. STD. 285 TESTING PROCEDURES FOR RF ENCLOSURES.

TEST SHALL BE WITNESSED BY THE GE FIELD ENGINEER AND THE TEST REPORT DELIVERED TO THE GE PROJECT MANAGER. MAGNET IN PLACE, DOCK ANCHOR INSTALLED, GE FRAMES INSTALLED, BLANK PANELS INSTALLED FOR FINAL TEST.

FLOOR CONSTRUCTION DETAILS

THE RFI SHIELDED FLOOR CONSISTS OF 3 OZ. COPPER PLANE LAMINATED TO WOOD. ADDITIONAL WOOD IS LAYED OVER R.F. SHIELD TO WHICH THE FINISHED FLOOR MAY BE APPLIED UNLESS OTHERWISE NOTED. (PREP B.O.)

CEILING AND WALL CONSTRUCTION DETAILS

3 OZ. COPPER PLANE WILL BE ATTACHED TO INTEGRATED WALL AND CEILING FRAMING WITH THE PLYWOOD AND ALL SEAMS ARE OVERLAPPED MINIMUM 2". ALL ROUGH FRAMED OPENINGS FOR DOOR, WINDOW, PENETRATION PANEL TO BE WOOD FRAMED 4X4 (B.O.) AND MECHANICAL DUCTS AND OTHERS TO BE 2X4 WOOD (B.O.) FRAMED OR AS NOTED ON DETAILS.

DOOR CONSTRUCTION DETAILS

THE MRI SHIELDED DOOR UNIT IS A FACTORY ASSEMBLY CONSISTS OF THE DOOR FRAME, DOOR LEAF, DOOR SILL, HARDWARE AND PNEUMATIC BLADDERS AROUND THE ENTIRE PERIMETER TO FORM THE RF SEAL. SEE SHEET 5 DOOR DETAIL G.C. TO PROVIDE A 120 V NON-DEDICATED OUTLET IN EQUIPMENT ROOM FOR COMPRESSOR.

VIEWING WINDOW CONSTRUCTION DETAILS

THE RFI VIEWING WINDOW ASSEMBLY CONSISTS OF AN ANGLE FRAME AND TWO COPPER-MESH SCREEN SHIELD. SEE SHEET 6 FOR DETAIL.

HVAC PENETRATIONS

HONEYCOMB WAVEGRILLS ARE SUPPLIED AT ALL HVAC PENETRATION. SEE SHEET 7. DUCTING (BY OTHERS), AT INTERIOR OF EXAM ROOM, CAN BE ATTACHED TO A FLANGE DIRECTLY ONTO HONEYCOMBS TO MAINTAIN THE SINGLE-POINT GROUNDING REQUIREMENT ATTACHED PLENUM TYPE BOX TO ROUGH WOOD FRAMED OPENING WITHOUT TOUCHING THE HONEYCOMB OR R.F. SHIELD.
NOTE: IT IS THE RESPONSIBILITY OF THE GC / ARCHITECT TO PROVIDE MRI WITH SIZE, LOCATION, ROUGH WOOD FRAMED OPENING OF HVAC DUCTING.

REMOVABLE PANEL FEATURE

ONE WALL PANEL / ROOF HATCH MAY BE REMOVED TO ALLOW THE EQUIPMENT TO ENTER AND / OR EXIT THE ENCLOSURE. THE CLEAR OPENING AT THE LOCATION SHOULD BE PER EQUIPMENT MANUFACTURER'S SPECIFICATIONS UNLESS NOTED OTHERWISE.

ELECTRICAL / DATA / PHONE / SMOKE FILTERS

ALL ELECTRICAL POWER, DATA, SMOKE, PHONE SIGNAL WIRES ENTERING THIS ROOM MUST BE FILTERED. ELECTRIC, PHONE, DATA, SMOKE DETECTION FILTERS PROVIDED BY MRI CORP. ANY FILTERS NEEDED BEYOND ORIGINAL BUDGET PROVIDED SHALL BE EXTRA.

STRUCTURAL NOTES:

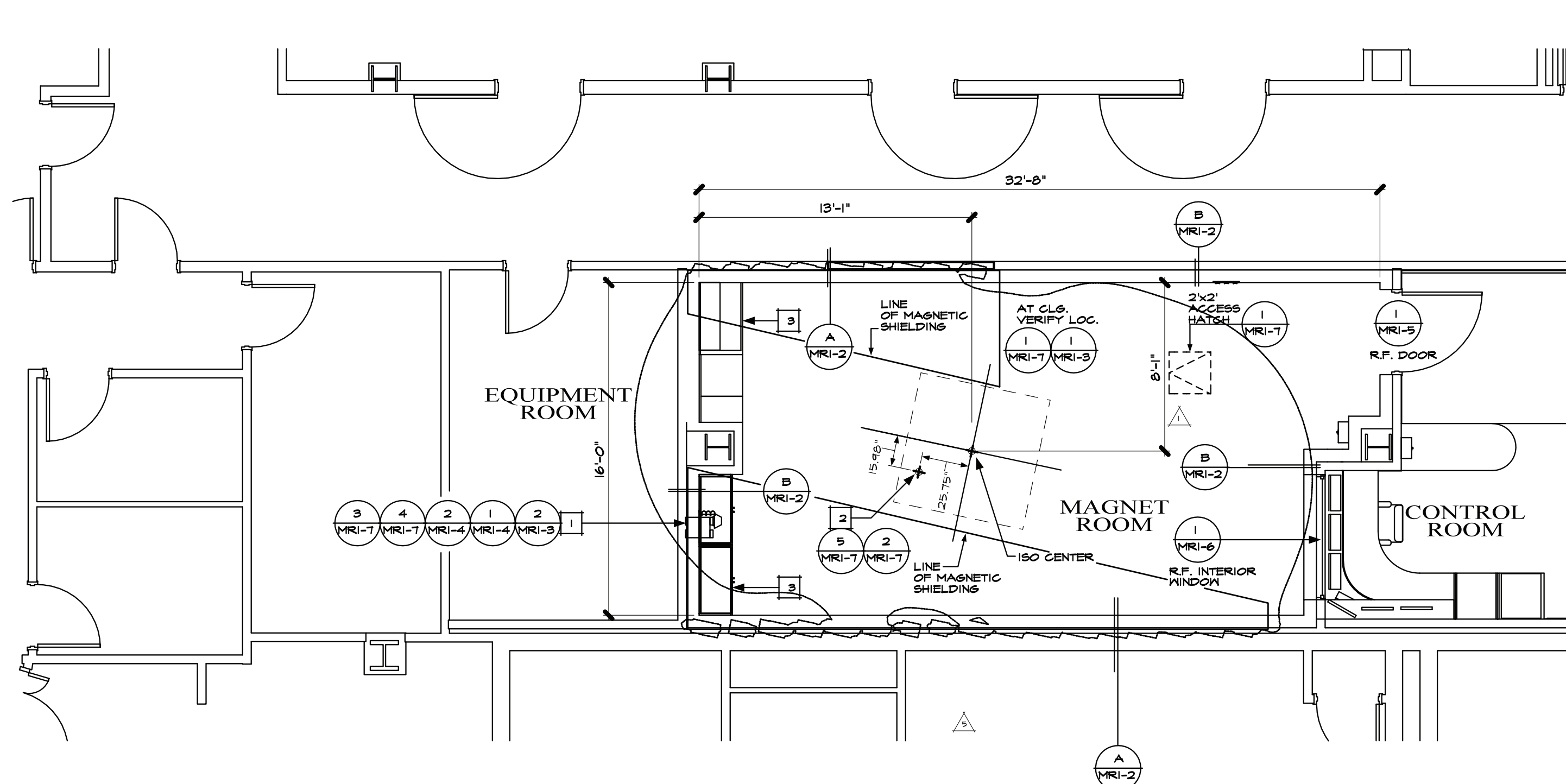
THESE DRAWINGS ARE PREPARED FOR R.F. SHIELDING INSTALL PURPOSE ONLY. ARCHITECT, ENGINEER OF RECORD, AND GENERAL CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ROOM DIMENSIONS AND CONSTRUCTION. REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS AND CONSTRUCTION MATERIAL OTHER THAN R.F. SHIELDING ASSEMBLY AND FRAMES. ALL WORK AND MATERIAL SHALL CONFORM TO THE 2019 CALIFORNIA BUILDING CODE.

THE SEISMIC PARAMETERS ARE:

-SEISMIC DESIGN CATEGORY = D
-OCCUPANCY CATEGORY = IV
-SDS = 1.00
-I = 1.5

NOTE:

1. VERIFY DIMENSIONS AND LOCATIONS OF EQUIPMENT, WINDOW, DOOR, WITH FINAL ARCHITECTURAL DRAWINGS.
2. REFER TO MAGNET SUPPLIER DRAWINGS AND ARCHITECTURAL DRAWINGS FOR MORE DETAILS SUCH AS BASE PLATES FOR SYSTEM AND EQUIPMENT LAYOUT.
3. ARCHITECT AND STRUCTURAL ENGINEER OF RECORD SHALL BE RESPONSIBLE FOR ALL STRUCTURAL DESIGN AND INFORMATION. THIS DRAWING ONLY COVERS RF DESIGN DETAILS. RF SHIELD CONTRACTOR DOES NOT TAKE ANY LIABILITY FOR STRUCTURAL INTEGRITY.
4. ANY SHIELDING QUESTIONS OR MODIFICATIONS TO THESE DRAWINGS, PLEASE CALL MRIC 714-545-7700
5. GE PANEL FRAMES AND VIBROMATS TO BE INSTALLED BY MRIC, PROVIDED BY GE.
6. GE REQUIRES THAT CONCRETE FLOOR FLATNESS / LEVELNESS BE WITHIN 1/8" OVER AN AREA OF 246" X 85" AS SHOWN ON GE PIM.
7. MAGNET PATIENT TABLE DOCKING ANCHOR TO BE LOCATED BY GE FIELD ENGINEER, PROVIDED AND INSTALLED BY MRIC. ANCHOR TO BE DROP IN TYPE AND REMOVABLE.
8. RF DOOR SWITCH TO BE SUPPLIED BY MRIC AND INSTALLED BY ELECTRICIAN.
9. M36 SILICON STEEL MAGNETIC SHIELDING TO BE PROVIDED AND INSTALLED BY MRIC PER GE DRAWINGS SHEETS SH-1 AND SH-2.



PLAN VIEW

ANY DEVIATION FROM THESE DRAWINGS SHALL BE PROCESSED AND CONSULTED THROUGH MRI CORP. TO AVOID CONSTRUCTION DELAYS, EVENTUAL SHIELDING AND REQUIRED ISOLATION CONFLICTS.

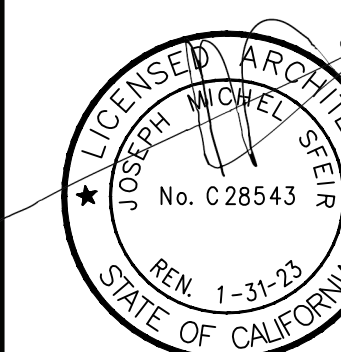
KEY NOTES

1. SINGLE SPRINKLER PIPE PENETRATION REQUIRED FOR WET SYSTEMS AT PENETRATION PANEL AREA. MEDICAL GAS WAVEGUIDES WILL BE INSTALLED ADJACENT TO SINGLE SPRINKLER WAVEGUIDE.
2. CRYOGEN PIPE WAVEGUIDE WILL BE 1/2" O.D. S.S. WELDED TUBE 8" IN O.D. DIAMETER AT SHIELD TO MATCH S.E. 8" STAINLESS STEEL TUBING.
3. CABINET TOE BASE MUST BE GLUED TO FLOOR. DO NOT ANCHOR, FURNITURE NAIL, TOE BASE TO THE SHIELD. BACKING BY OTHERS.

OSHPD 6/18/2020

MRI CORPORATION

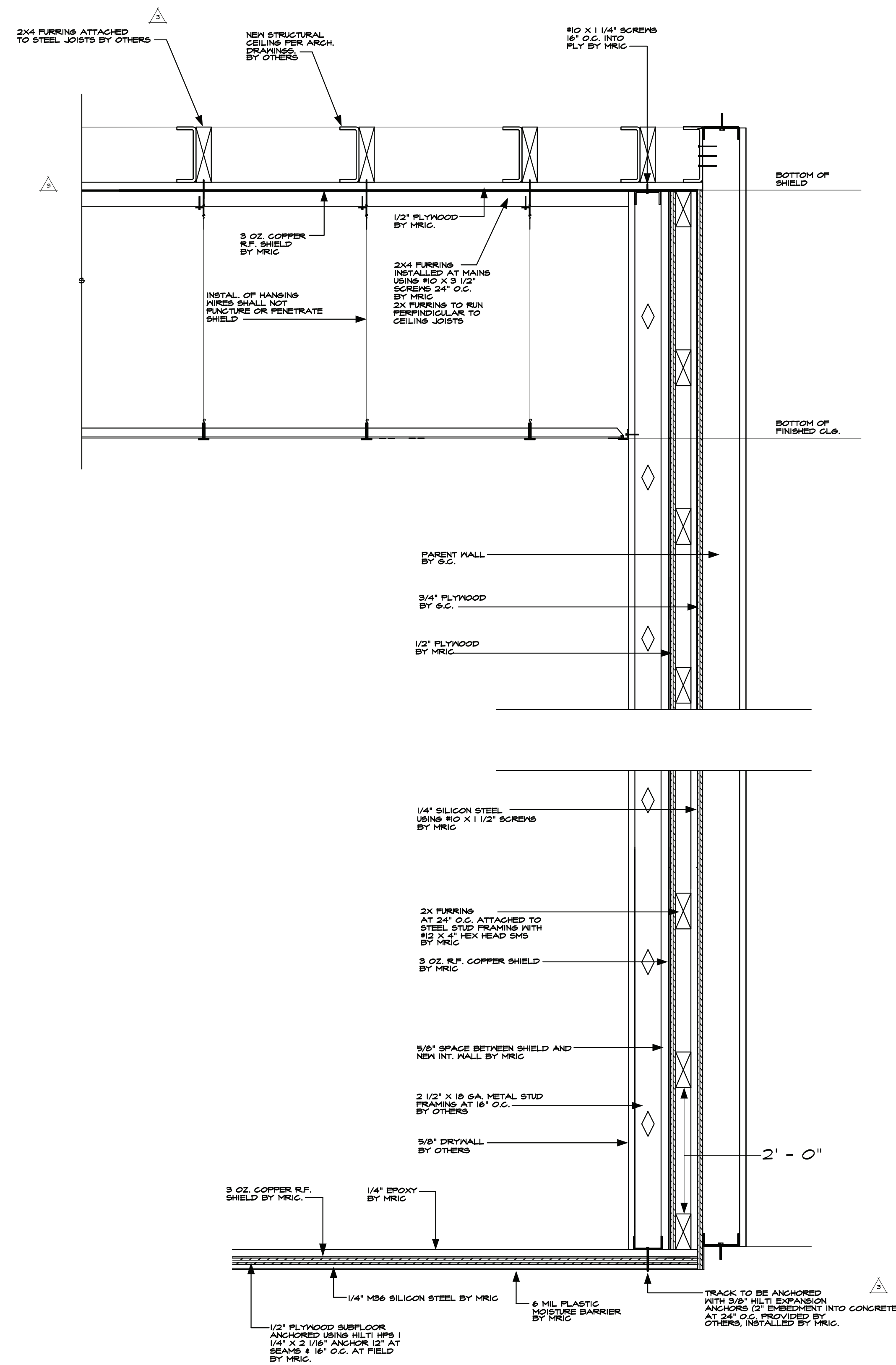
3554 Business Center Drive, Suite B
Costa Mesa, CA. 92626
Ph. (714) 545-7700 Fax (714) 545-7701



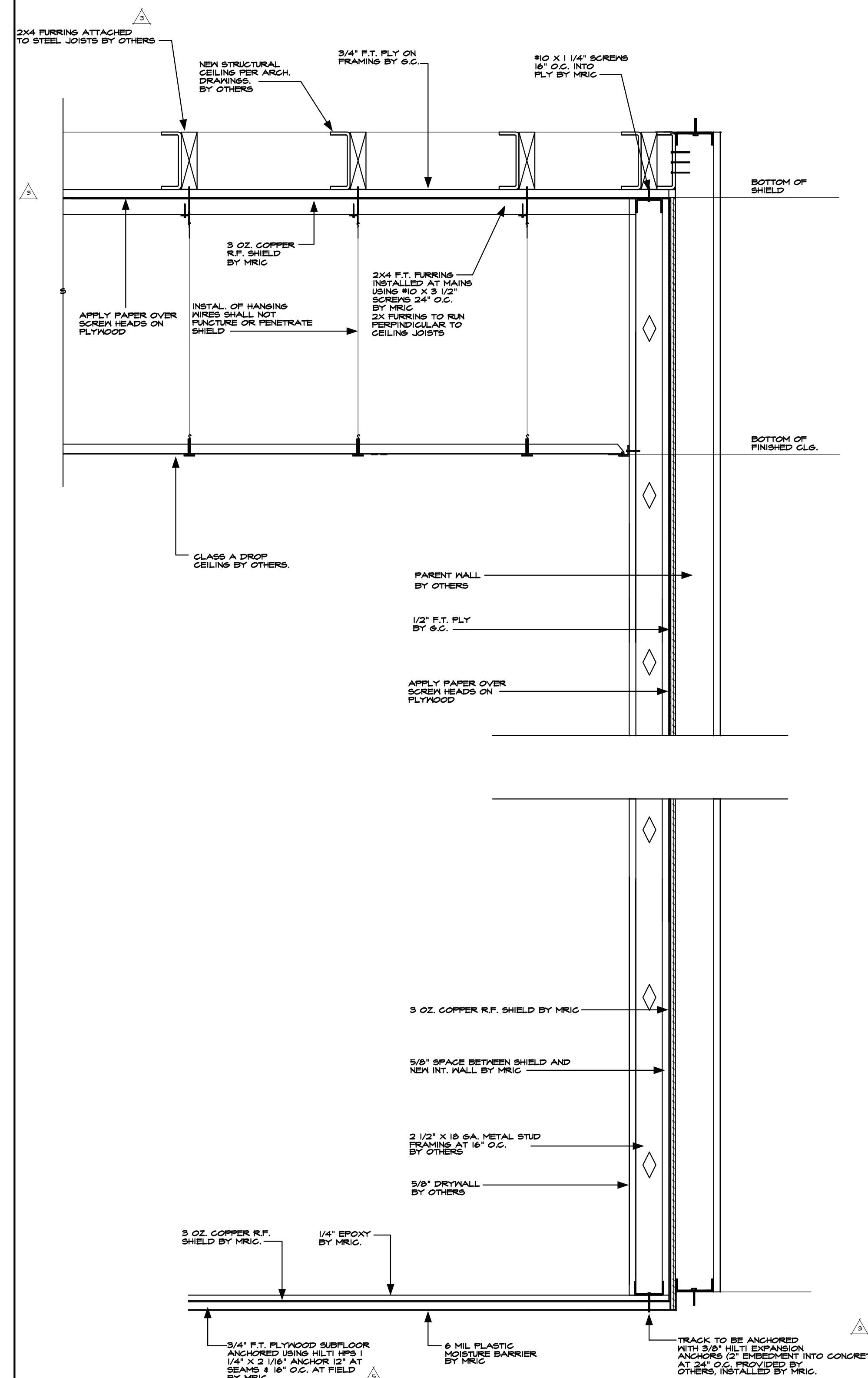
**TRI CITY
MEDICAL CENTER**
OCEANSIDE, CALIFORNIA

OSHPD# S200813-37-00

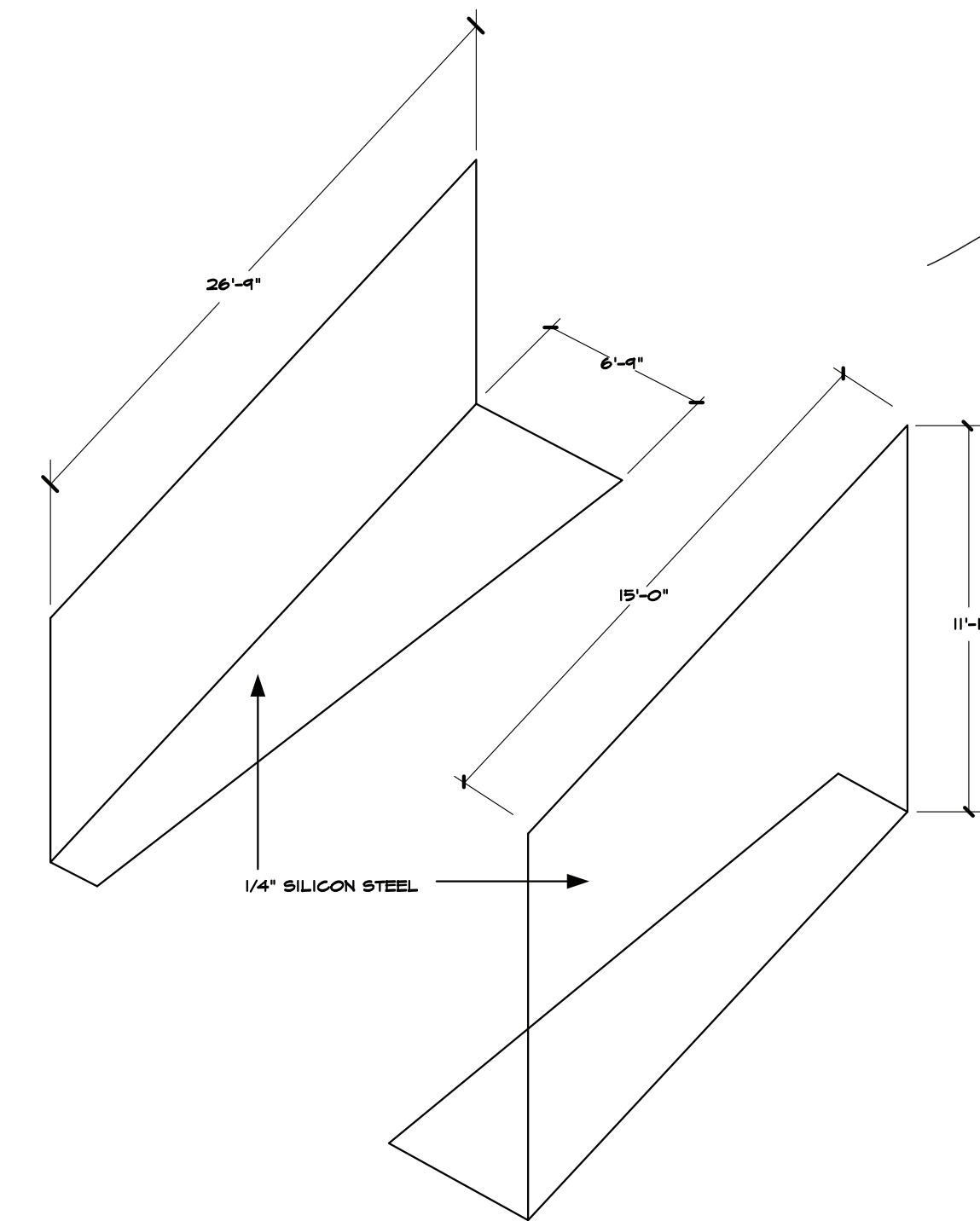
DRAWN: MP
CHECKED: RR
DATE: 4/29/21
SCALE: NONE
JOB # 1957
100% CONSTRUCTION
DRAWINGS
MRI . 1



SECTION-A R.F. SHIELDED WALL WITH MAGNETIC STEEL ISOLATION



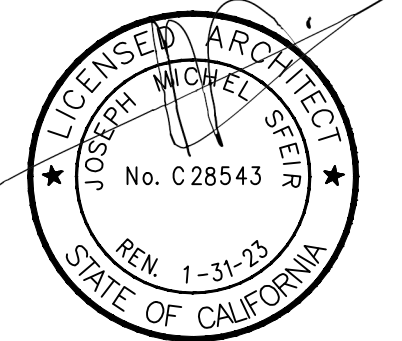
SECTION-B TYPICAL 3 OZ. COPPER R.F. SHIELD WALL SECTION



MAGNETIC SHIELDING

MRI CORPORATION

3554 Business Center Drive, Suite B
Costa Mesa, CA, 92626
Ph. (714) 545-7700 Fax (714) 545-7701



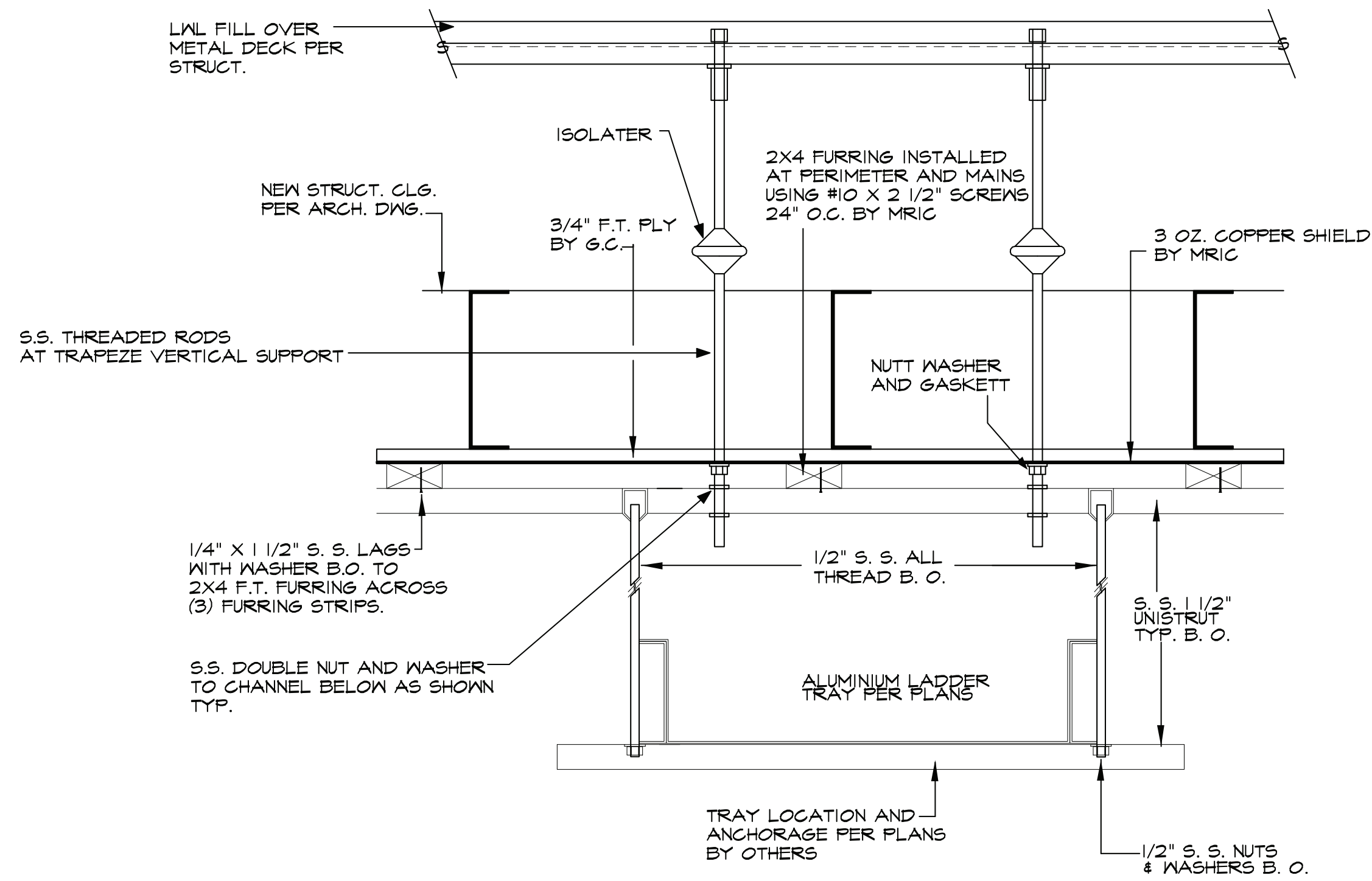
**TRI CITY
MEDICAL CENTER**
OCEANSIDE, CALIFORNIA

OSHPD# S200813-37-00

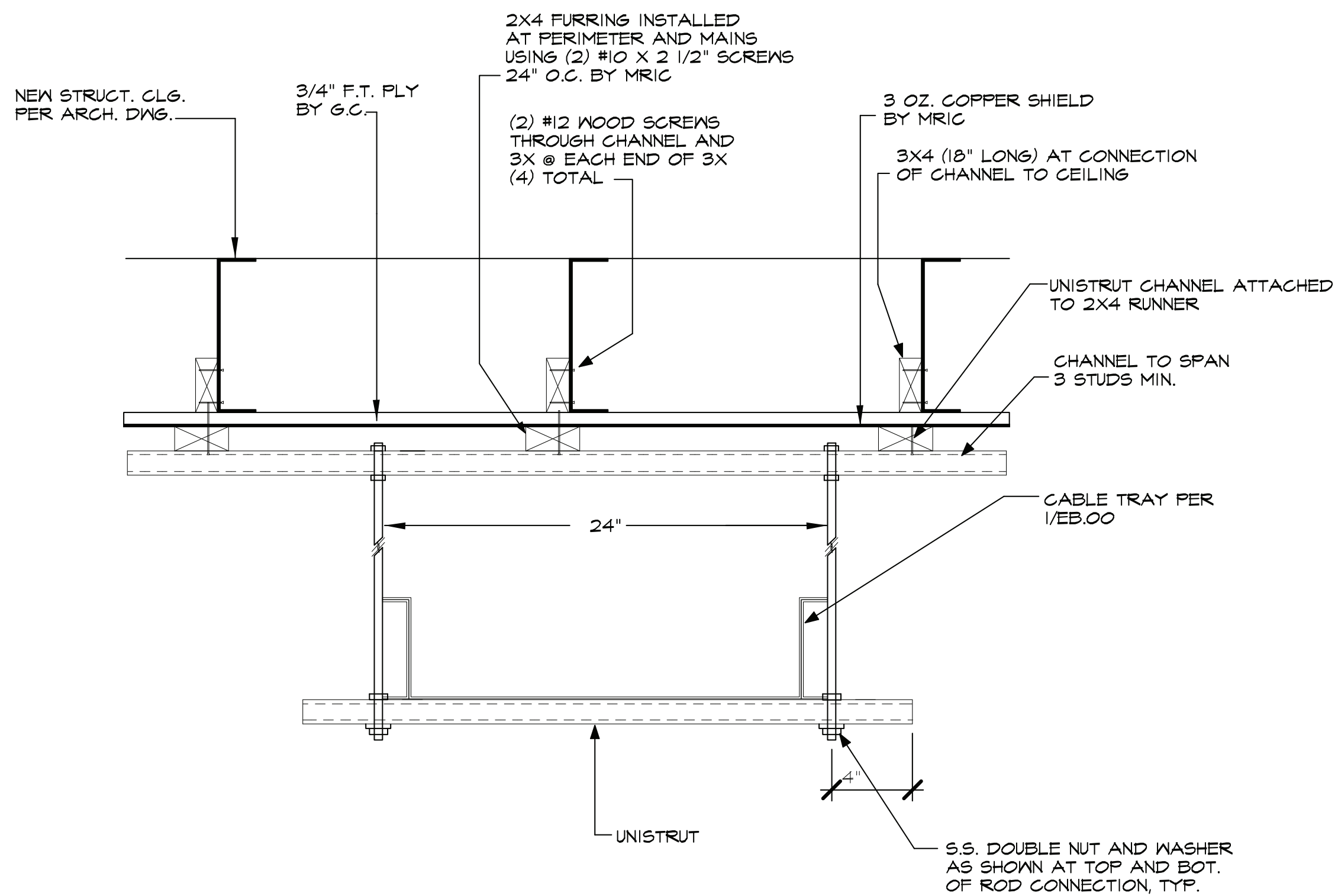
DRAWN: MP
CHECKED: RR
DATE: 4/29/21
SCALE: NONE
JOB # 1957

100% CONSTRUCTION
DRAWINGS

MRI . 2

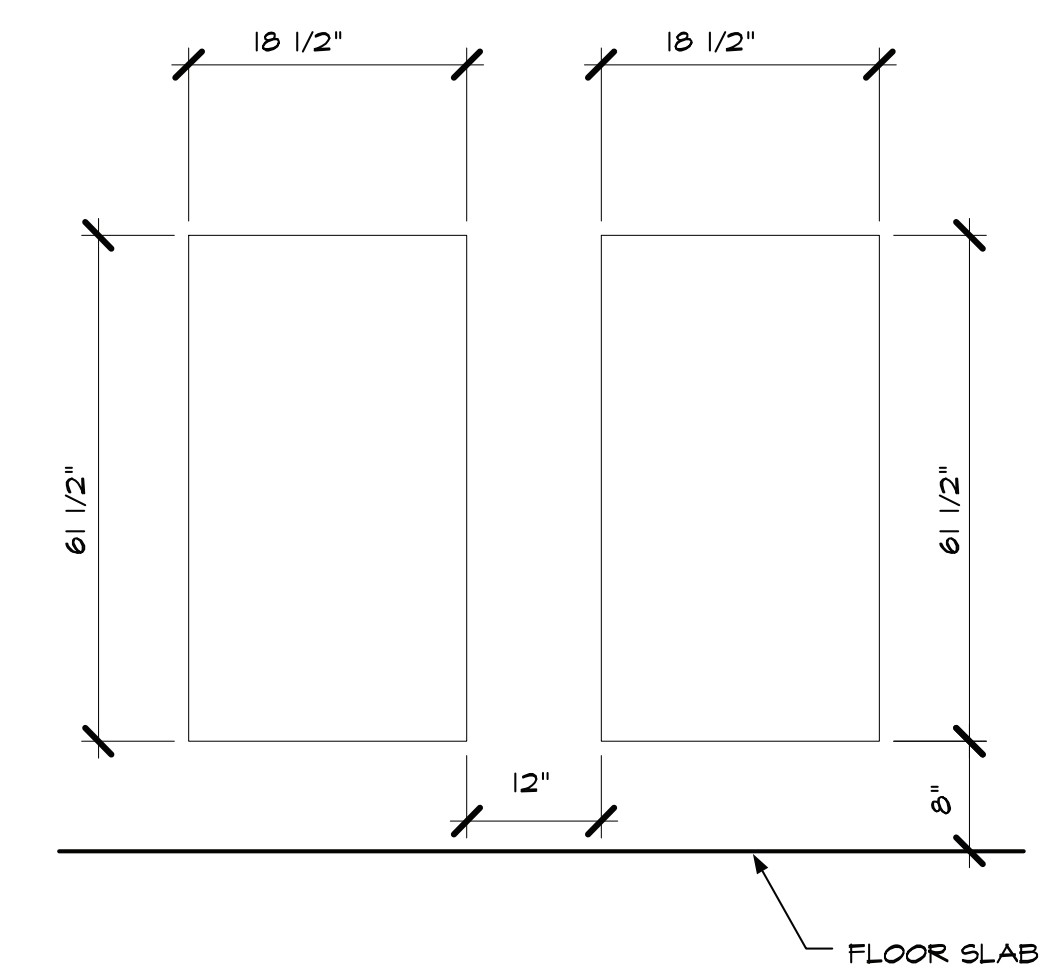
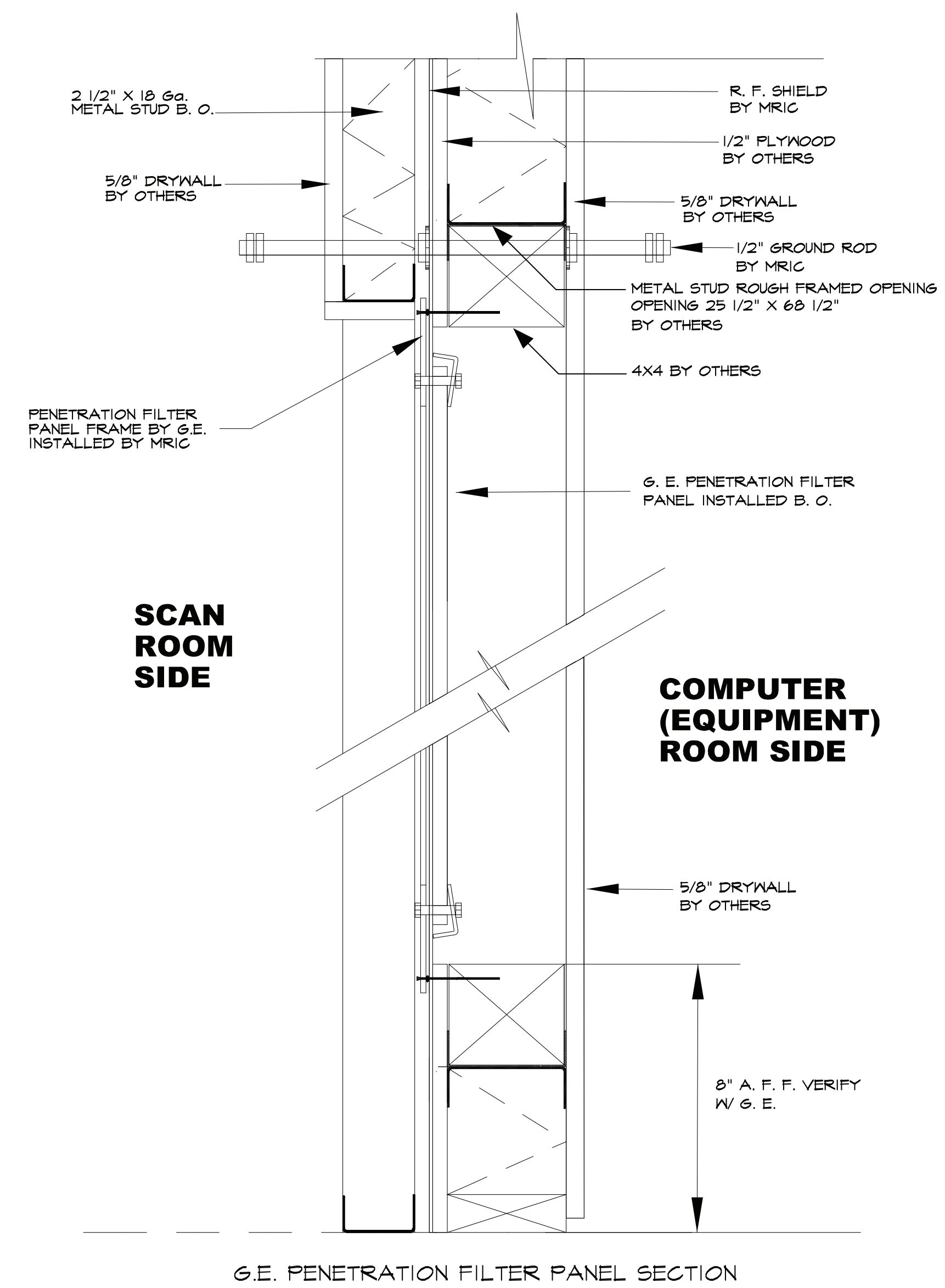


**CABLE TRAY (OPTION 1)
FOR REFERENCE ONLY**



**CABLE TRAY (OPTION 2)
FOR REFERENCE ONLY**

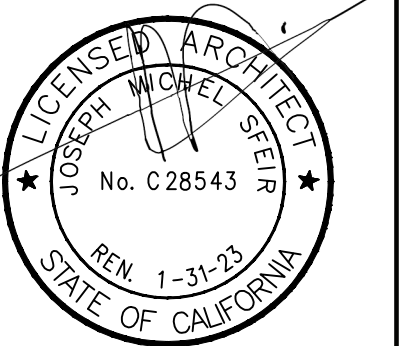
1



**GE PENETRATION
FILTER PANEL OPENING**

2

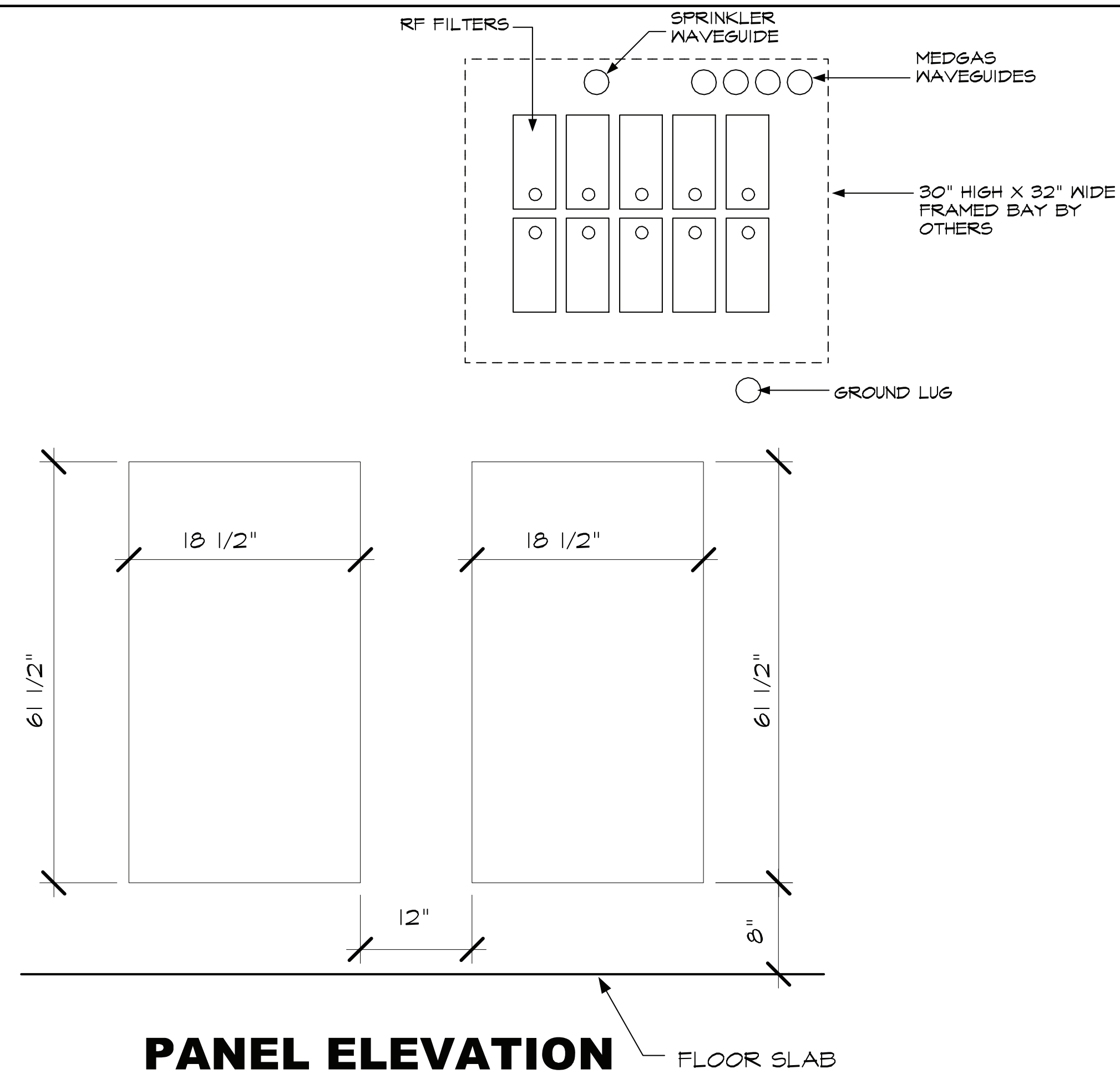
MRI CORPORATION
3554 Business Center Drive, Suite B
Costa Mesa, CA, 92626
Ph. (714) 545-7700 Fax (714) 545-7701



**TRI CITY
MEDICAL CENTER**
OCEANSIDE, CALIFORNIA

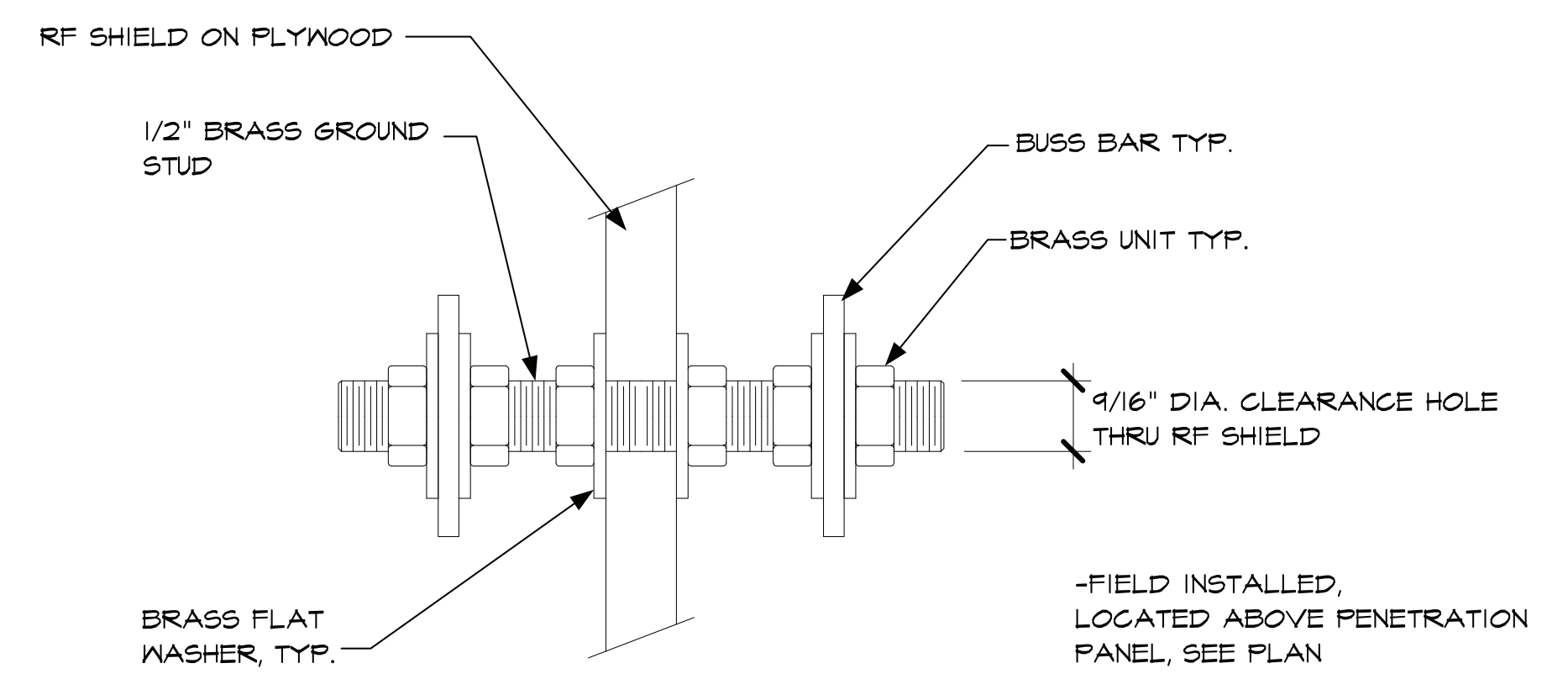
OSHPD# S200813-37-00

DRAWN: MP
CHECKED: RR
DATE: 6/18/20
SCALE: NONE
JOB # 1957
100% CONSTRUCTION
DRAWINGS
MRI . 3

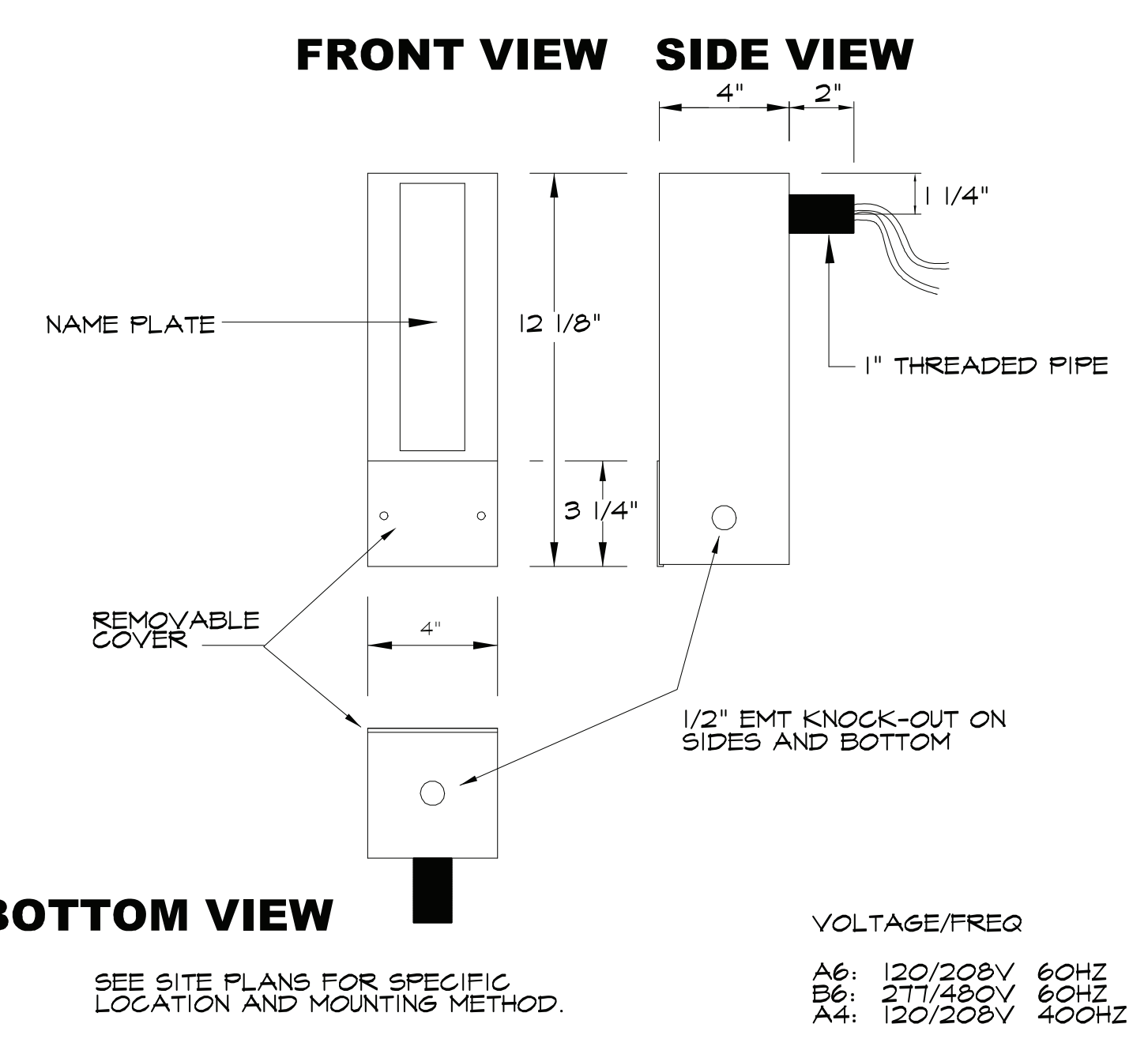


PANEL ELEVATION

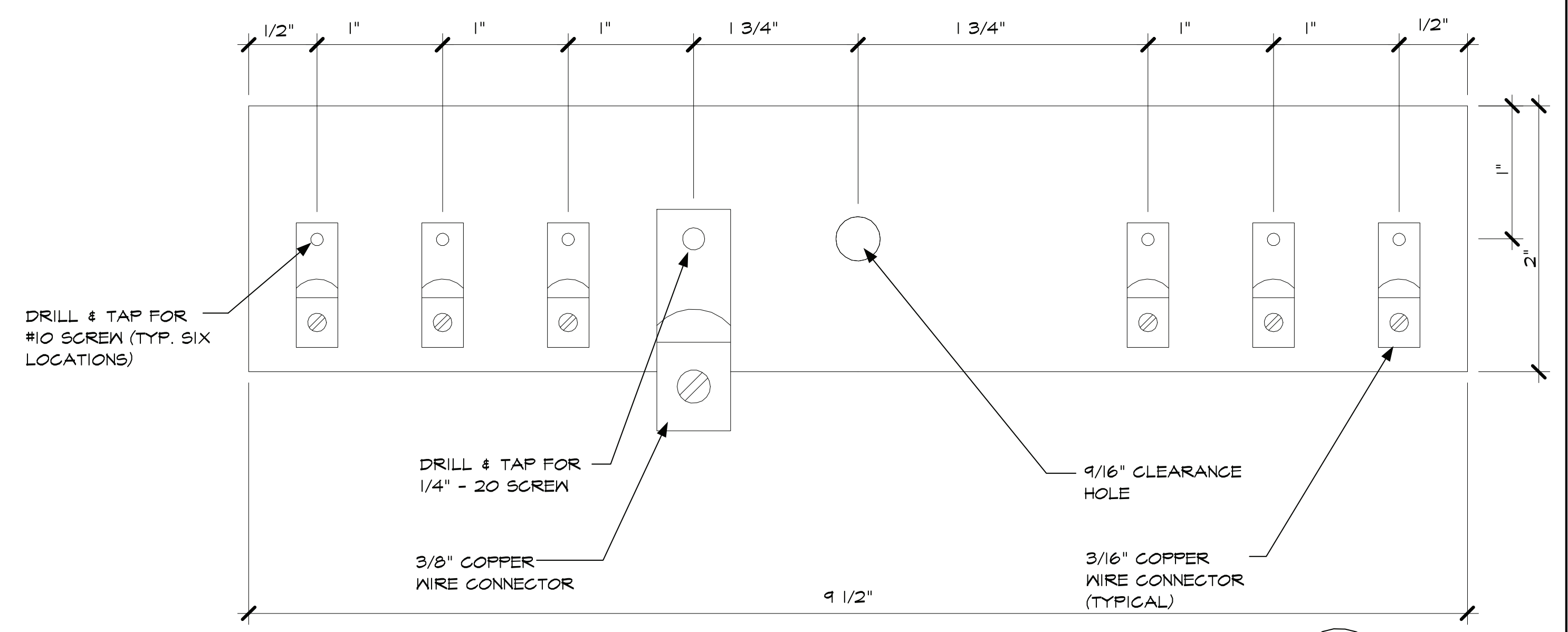
FILTER AND WAVEGUIDE LAYOUT
 (TYPICAL VIEW FROM OUTSIDE ROOM,
 EXACT LAOUT TO BE DETERMINED ON FIELD)



GROUND STUD & BUSS BAR ASSEMBLY
 (BY MRIC)

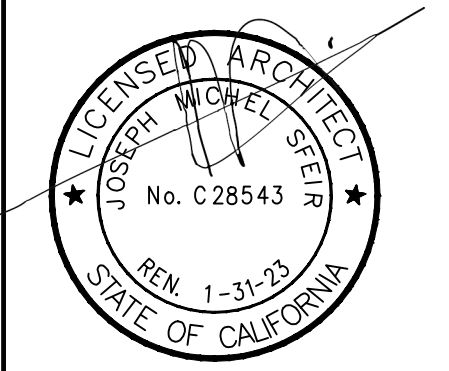


30 AMP ELECTRICAL FILTER 1



BUSS BAR FRONT VIEW 2
 (BY OTHERS)

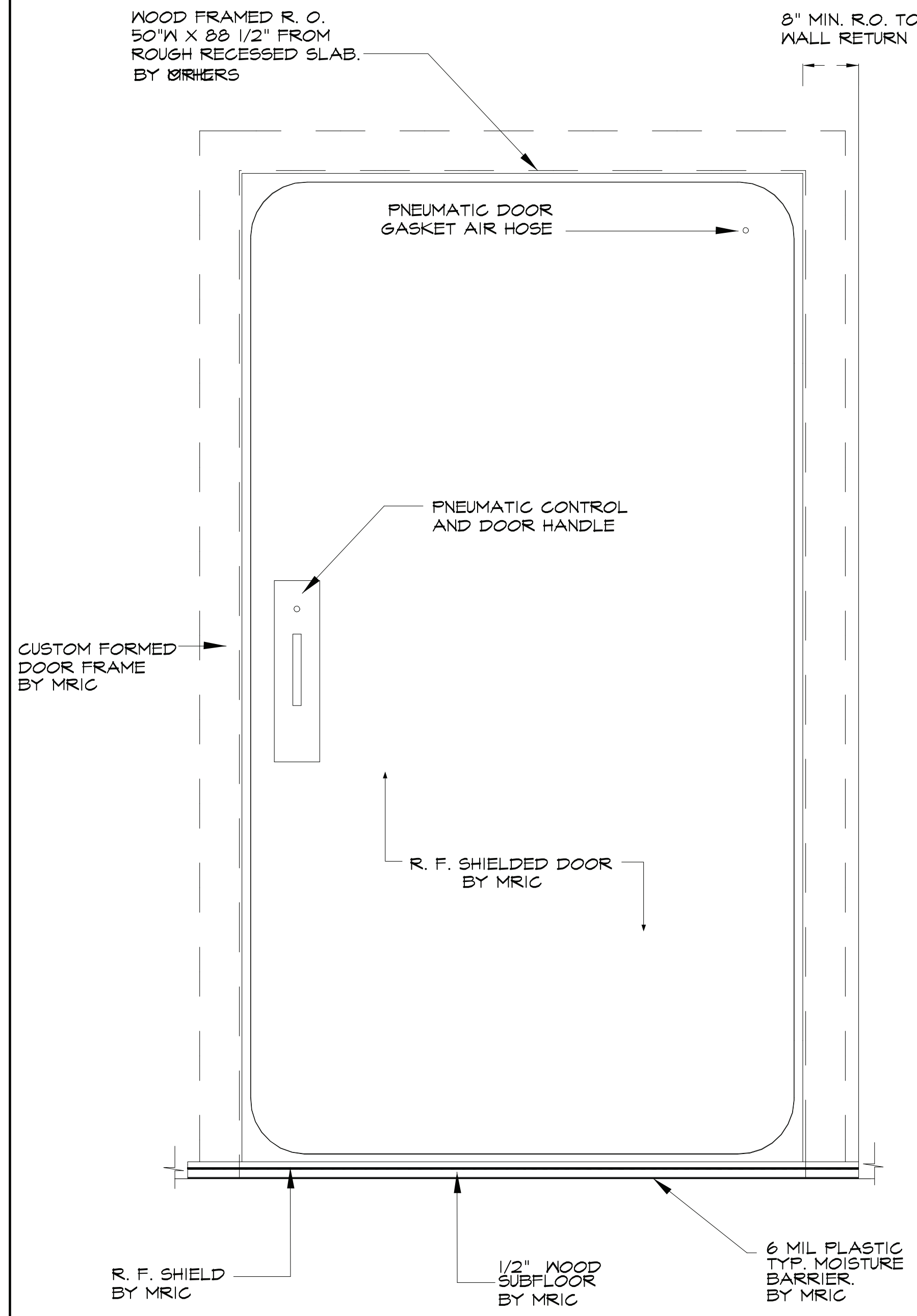
MRI CORPORATION
 3554 Business Center Drive, Suite B
 Costa Mesa, CA, 92626
 Ph. (714) 545-7700 Fax (714) 545-7701



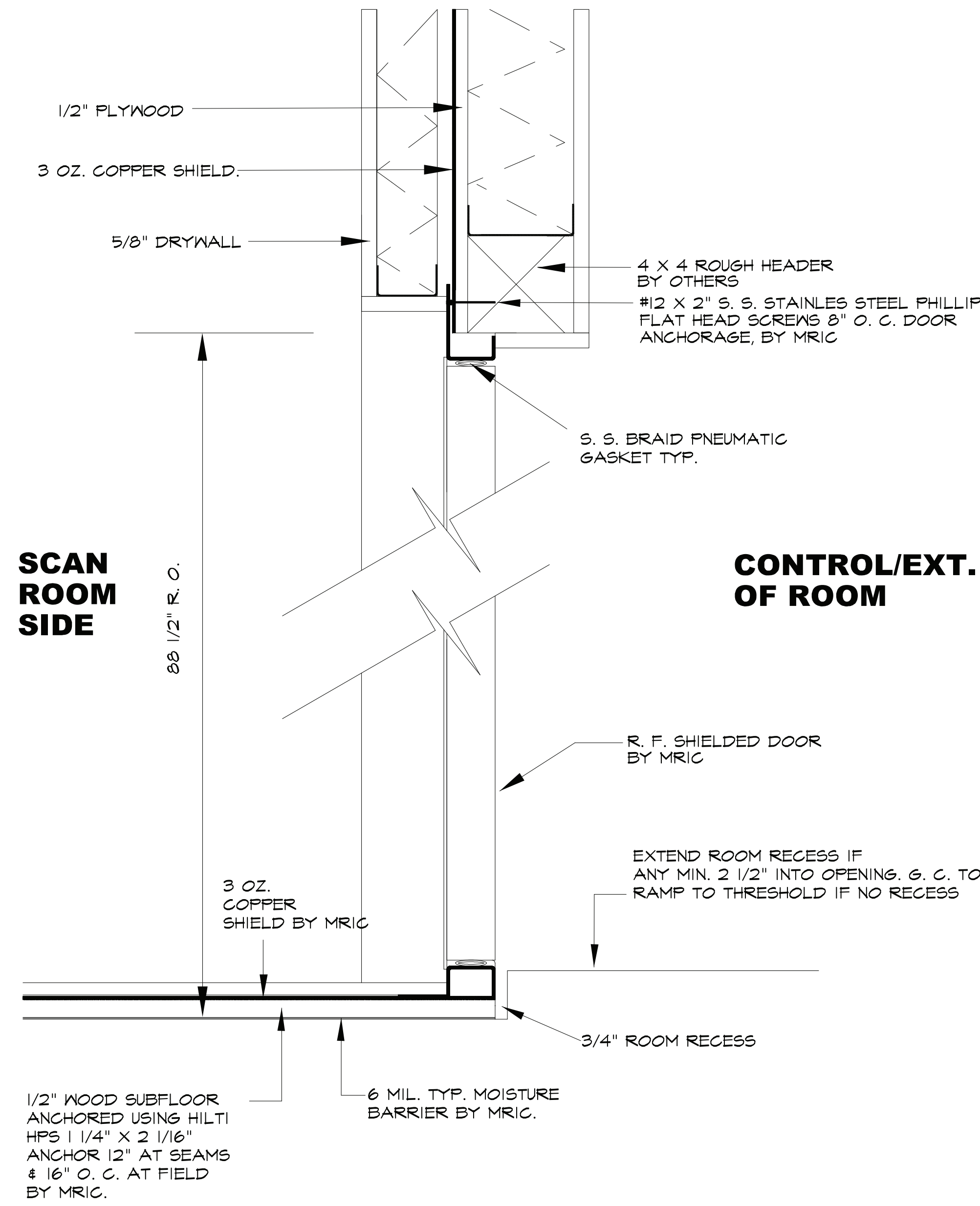
TRI CITY MEDICAL CENTER
 OCEANSIDE, CALIFORNIA

OSHPD# S200813-37-00

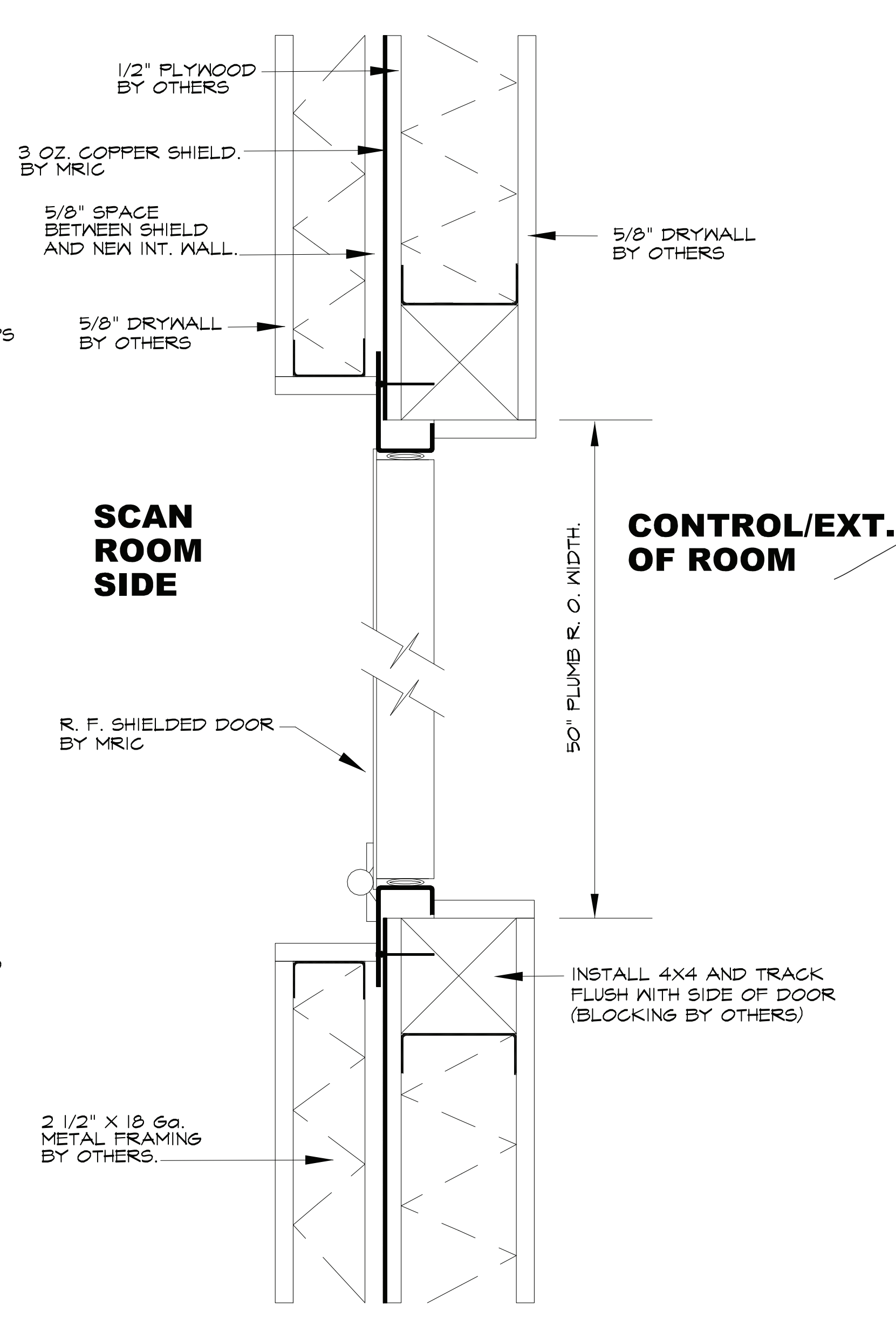
DRAWN: MP
 CHECKED: RR
 DATE: 6/18/20
 SCALE: NONE
 JOB # 1957
 100% CONSTRUCTION DRAWINGS
MRI . 4



R.F. SHIELDED DOOR SCAN ROOM VIEW



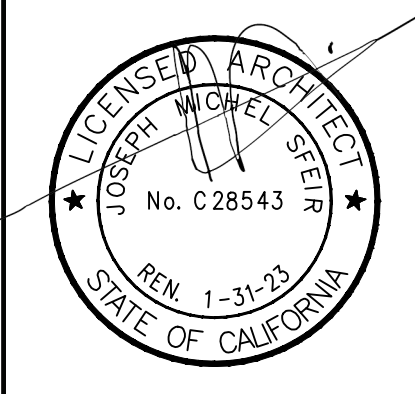
TYP. HEADER & THRESHOLD



R. F. DOOR TOP SECTION VIEW

R.F. DOOR DETAILS 1

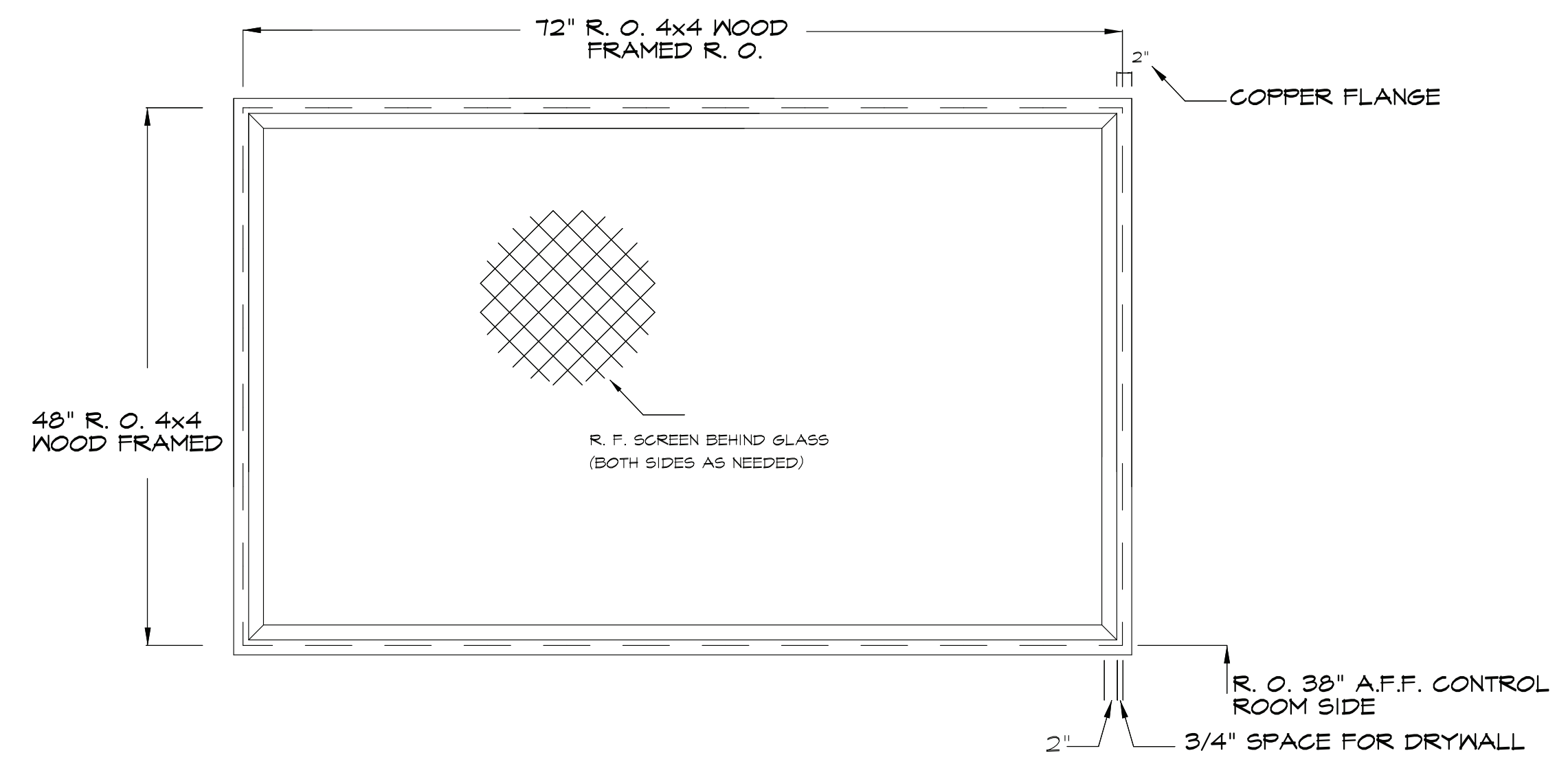
MRI CORPORATION
 3554 Business Center Drive, Suite B
 Costa Mesa, CA, 92626
 Ph. (714) 545-7700 Fax (714) 545-7701



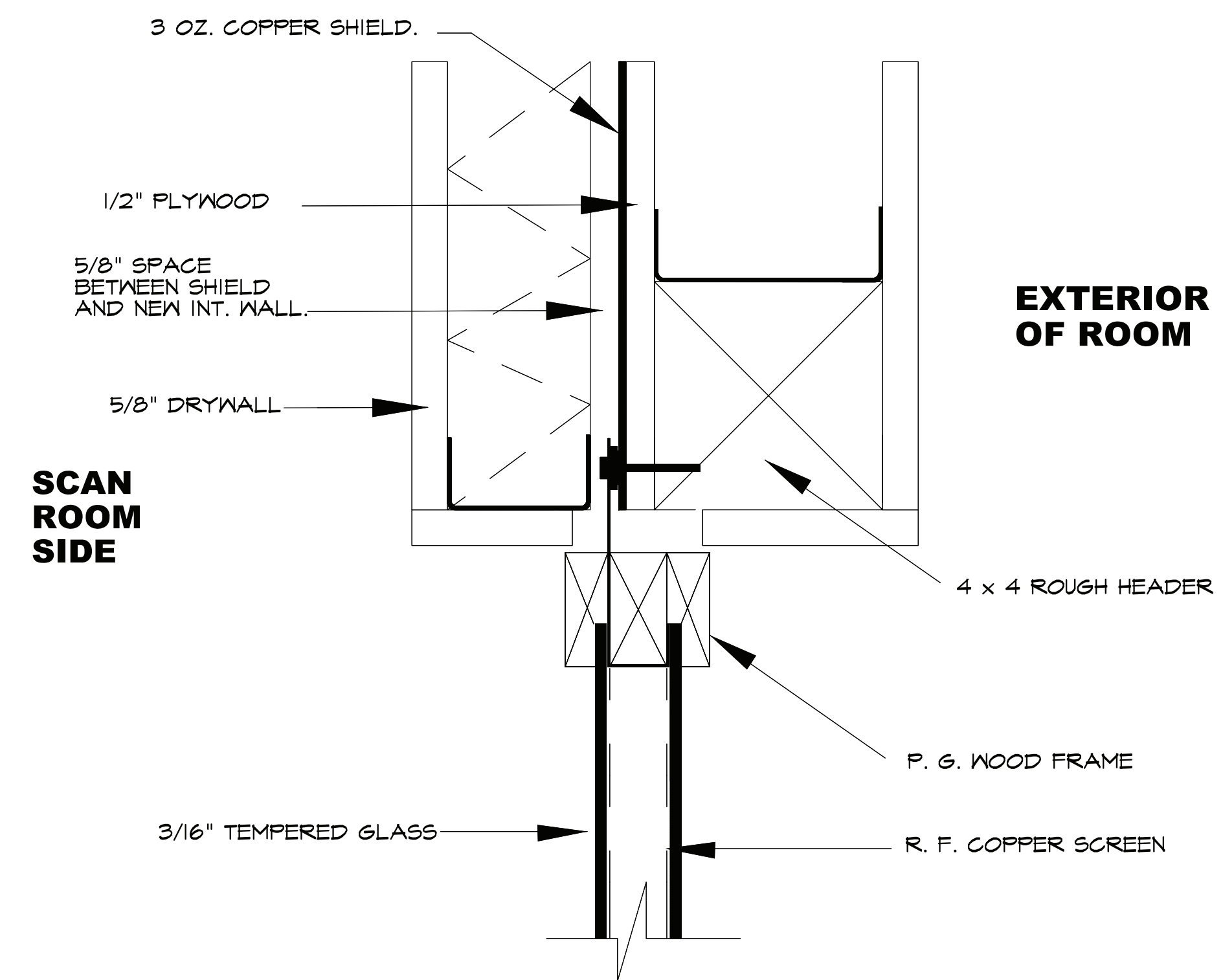
TRI CITY MEDICAL CENTER
 OCEANSIDE, CALIFORNIA

OSHPD# S200813-37-00

DRAWN: MP
 CHECKED: RR
 DATE: 6/18/20
 SCALE: NONE
 JOB # 1957
 100% CONSTRUCTION DRAWINGS
MRI . 5



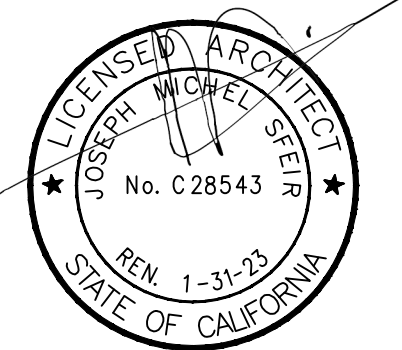
CONTRACTOR TO VERIFY FINAL WINDOW SIZE R.O.



R.F. INTERIOR SHIELDED WINDOW 1

MRI CORPORATION

3554 Business Center Drive, Suite B
Costa Mesa, CA, 92626
Ph. (714) 545-7700 Fax (714) 545-7701



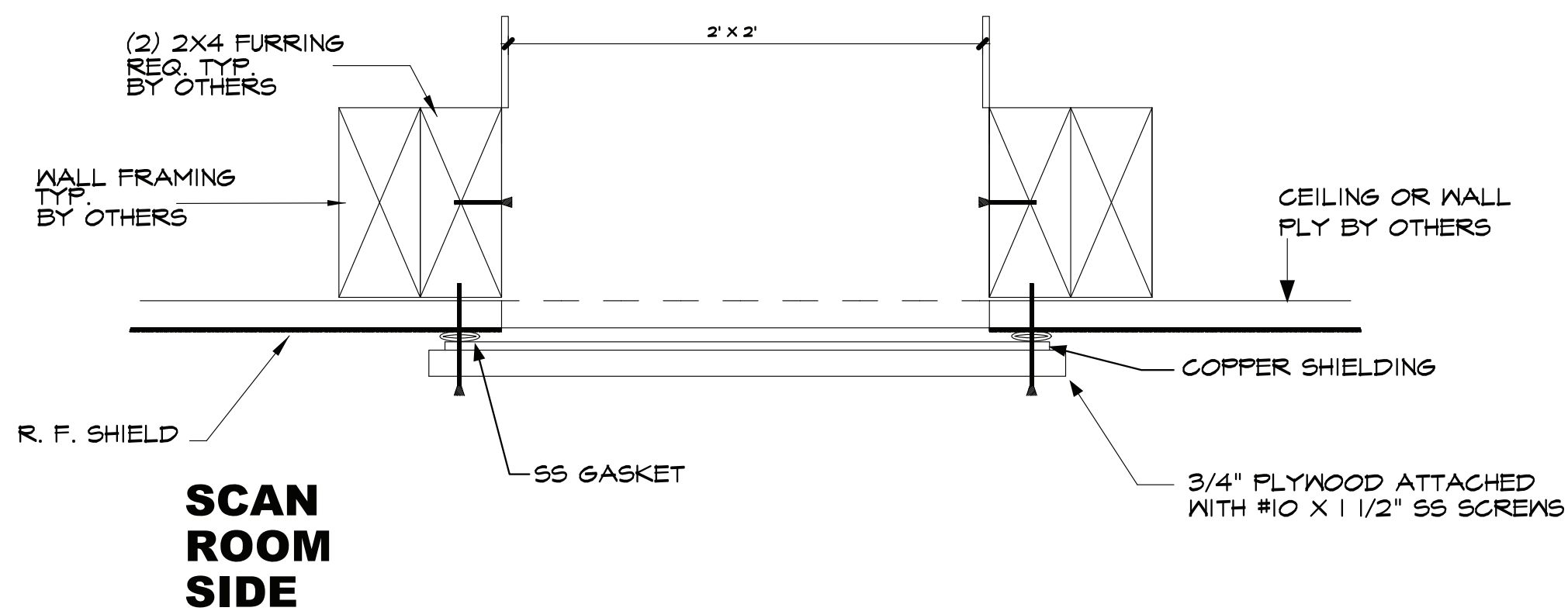
**TRI CITY
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OCEANSIDE, CALIFORNIA

OSHDP# S200813-37-00

DRAWN: MP
CHECKED: RR
DATE: 4/29/21
SCALE: NONE
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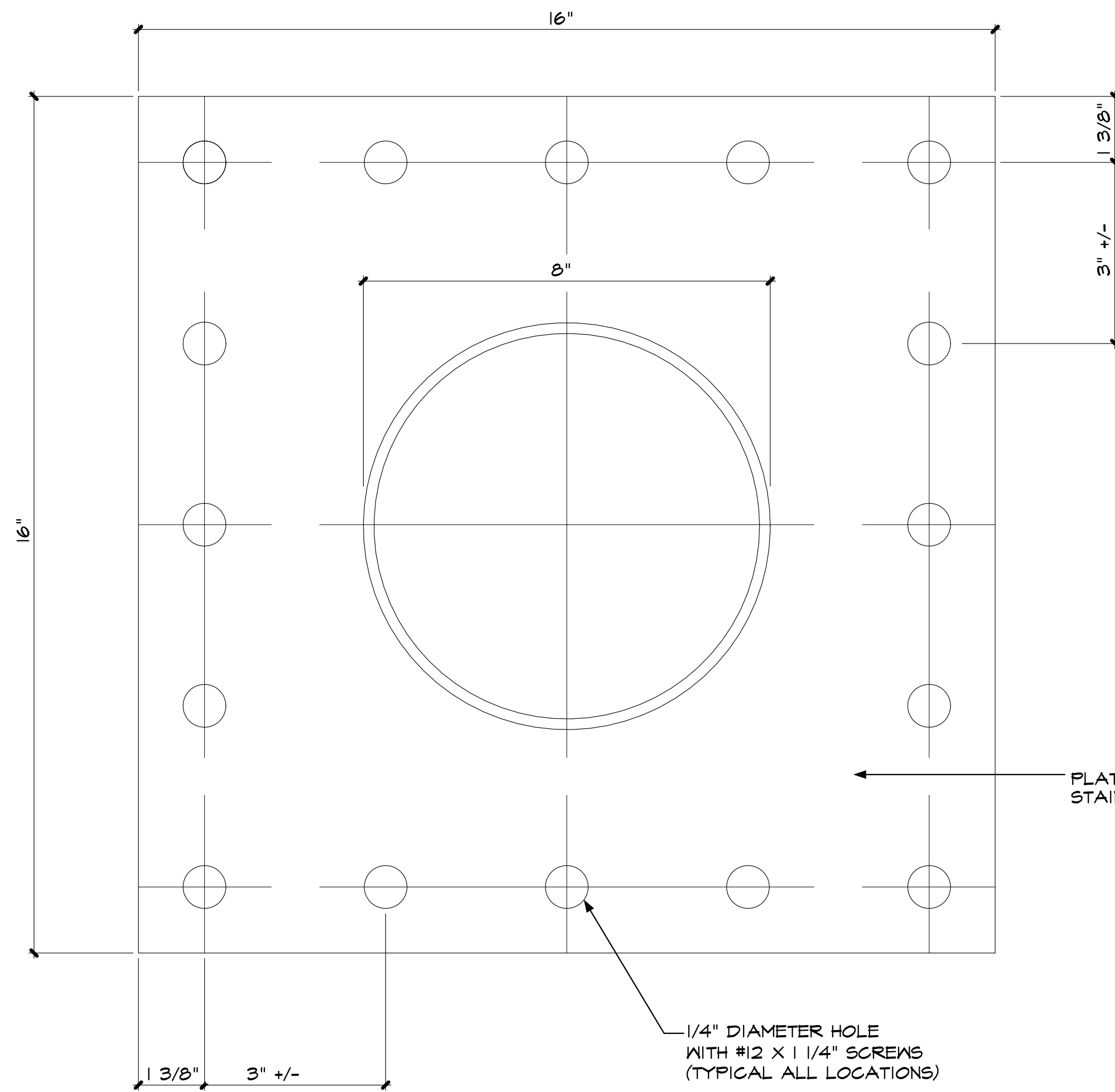
100% CONSTRUCTION DRAWINGS

MRI . 6



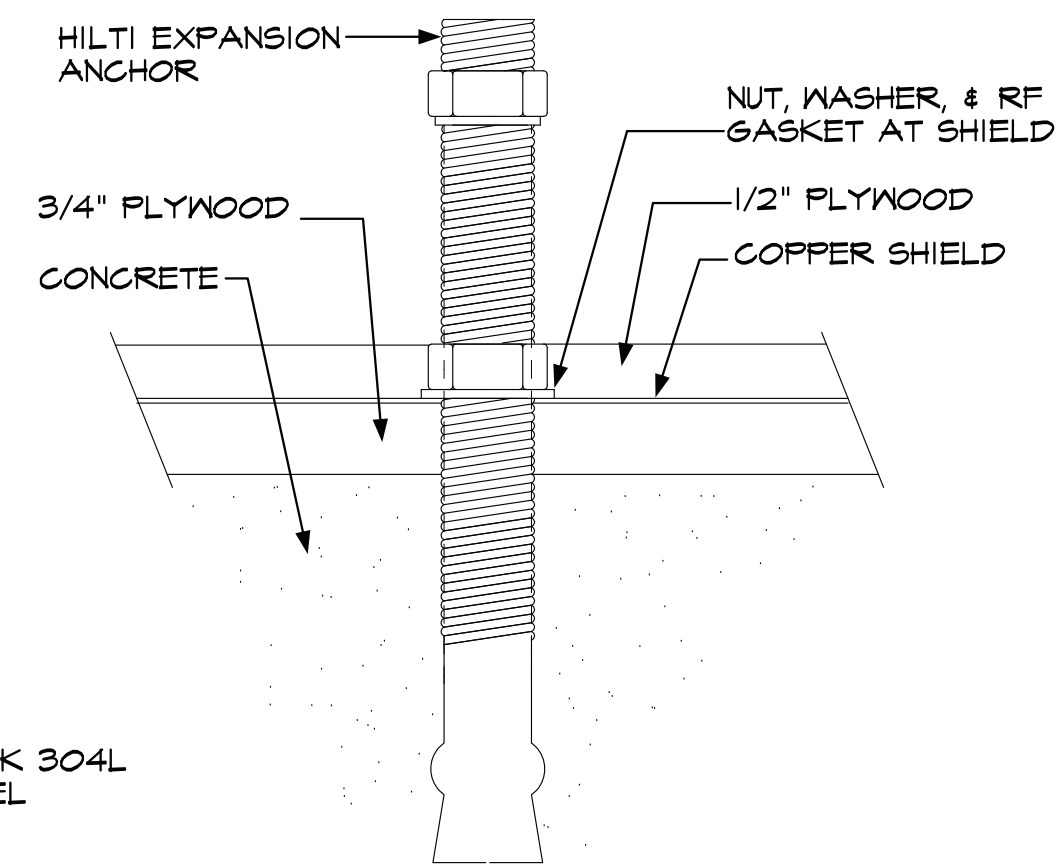
ACCESS HATCH

1



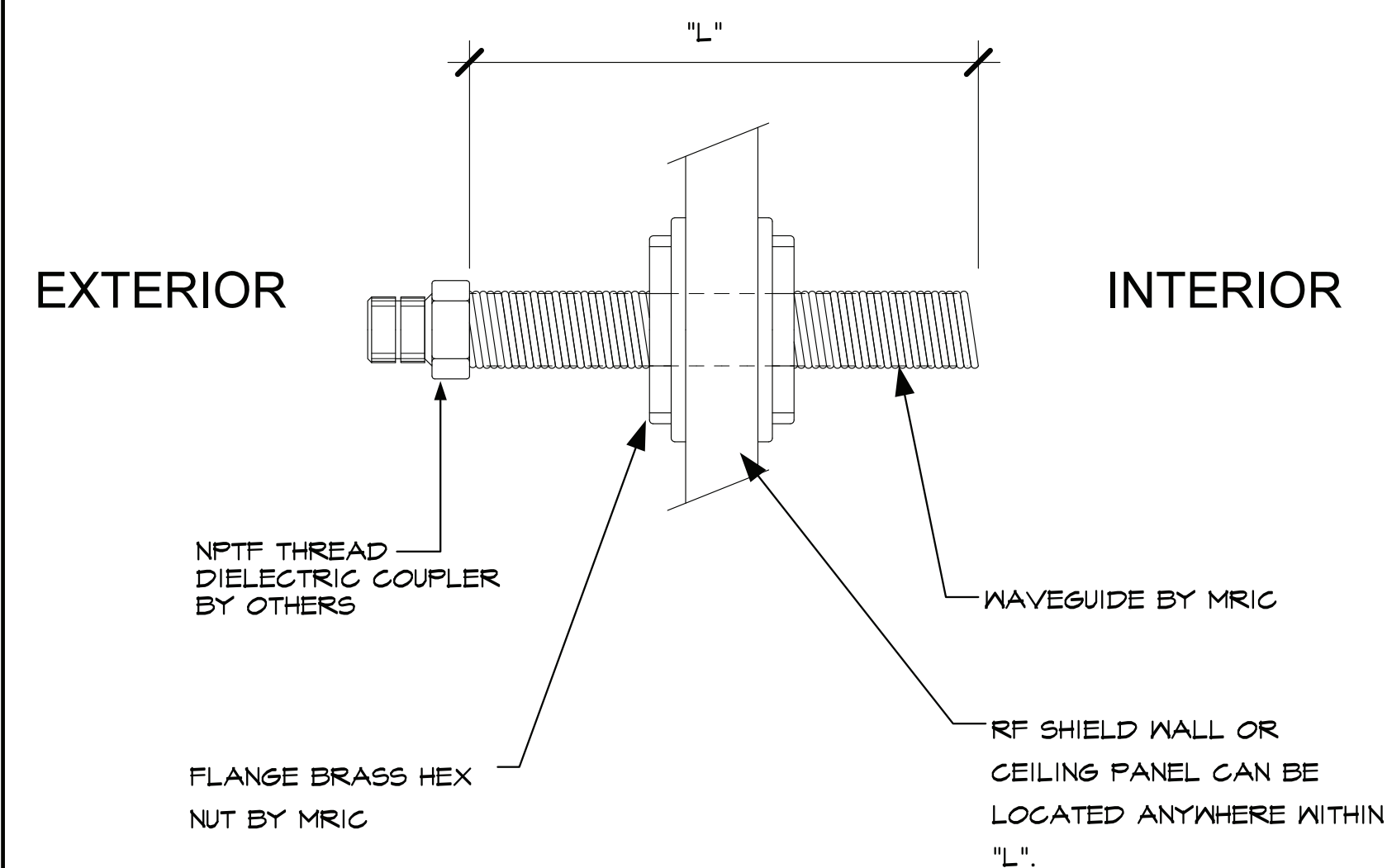
QUENCH TUBE FLANGE

2



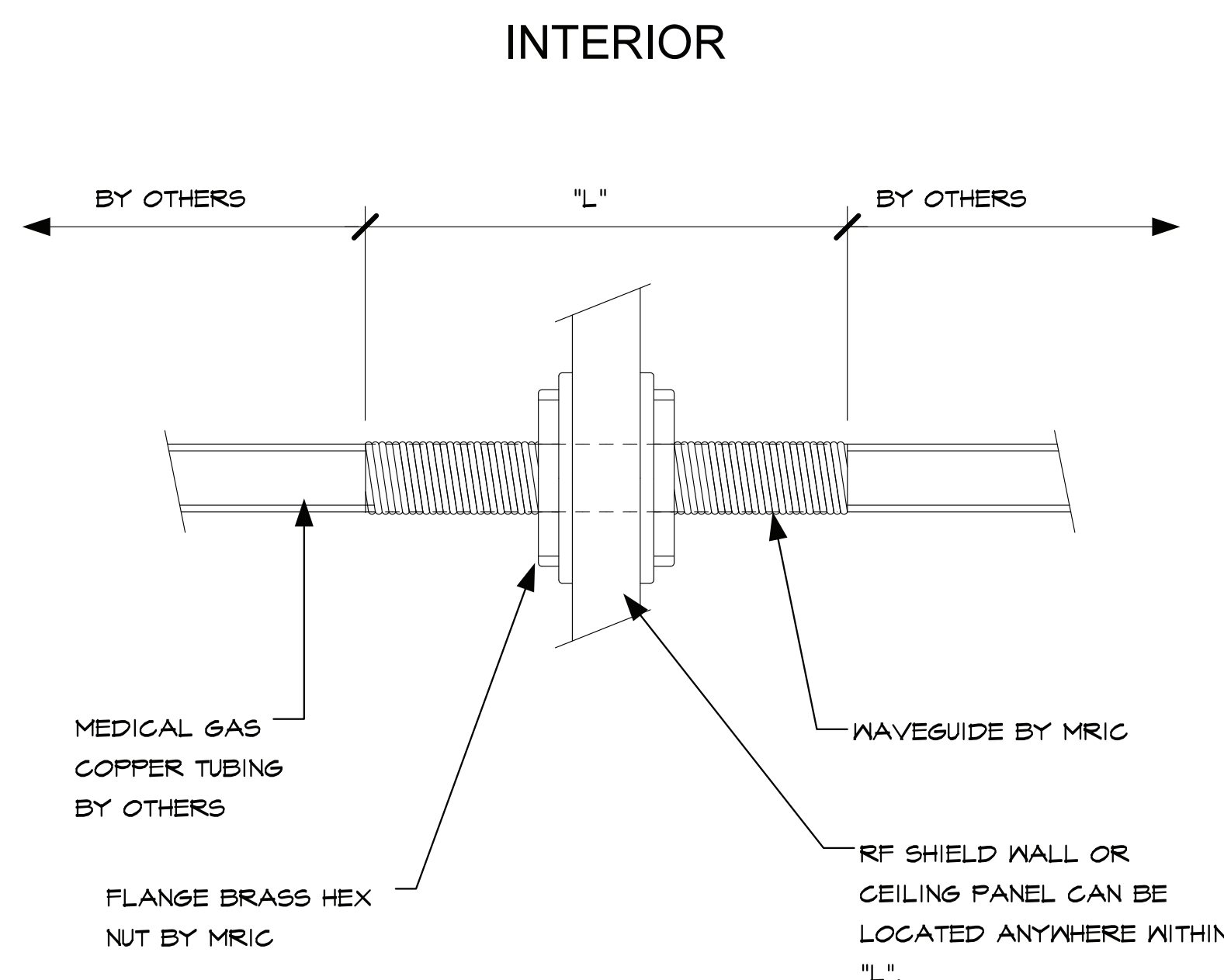
TYPICAL ANCHOR
BOLT PENETRATION

6



SPRINKLER WAVEGUIDE
ASSEMBLY

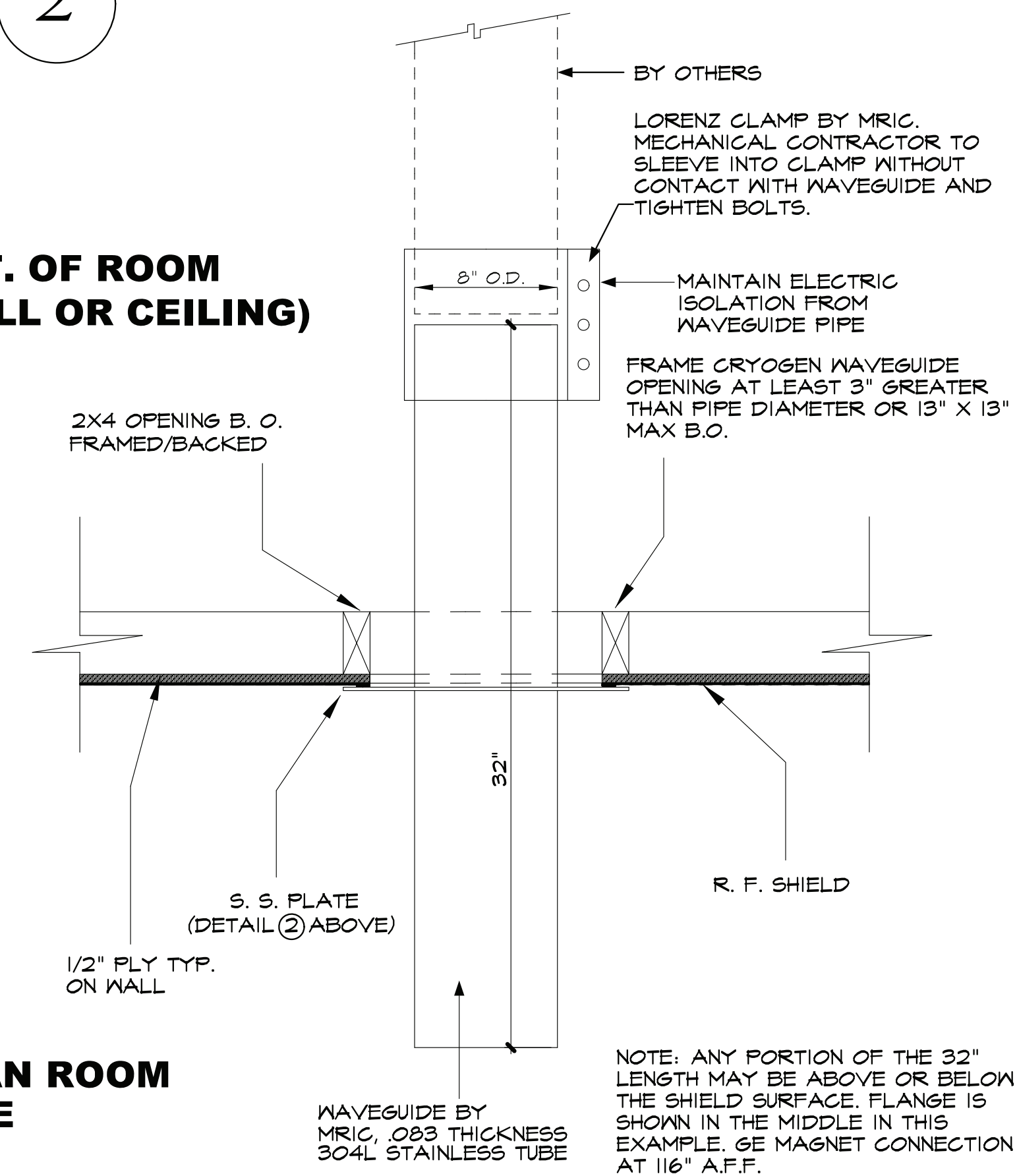
3



MEDICAL GAS
WAVEGUIDE

4

EXT. OF ROOM
(WALL OR CEILING)



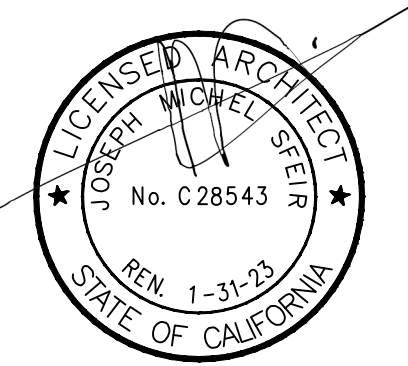
SCAN ROOM
SIDE

CEILING CRYOGEN
PIPE WAVEGUIDE

5

MRI CORPORATION

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DRAWN: MP
CHECKED: RR
DATE: 4/29/21
SCALE: NONE
JOB # 1957

100% CONSTRUCTION
DRAWINGS

MRI . 7

TCMC MRI

Tri-City Medical Center

4002 VISTA WAY
OCEANSIDE CA, 92056

OWNER: TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056
TEL(760)940-7709

ARCHITECT: SFEIR ARCHITECTS
5151 SHOREHAM PL SUITE 100
SAN DIEGO, CALIFORNIA 92122
TEL(619)299-3917

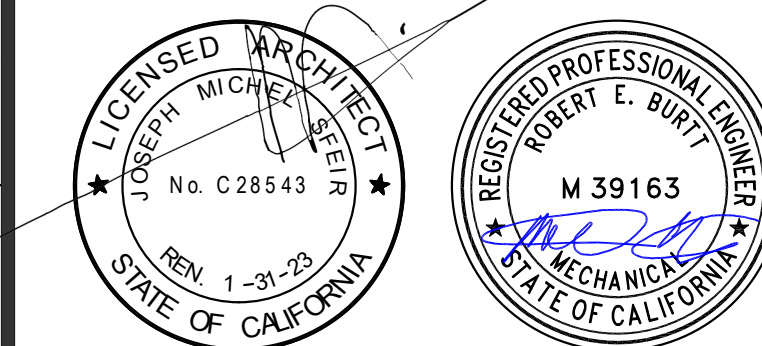
STRUCTURAL: MIYAMOTO INTERNATIONAL INC.
5151 SHOREHAM PLACE SUITE 200
SAN DIEGO, CALIFORNIA 92122
TEL(858)57-3001

MECHANICAL & PLUMBING: SC ENGINEERS, INC.
17075 VIA DEL CAMPO
SAN DIEGO, CALIFORNIA 92127
TEL(659)946-0333

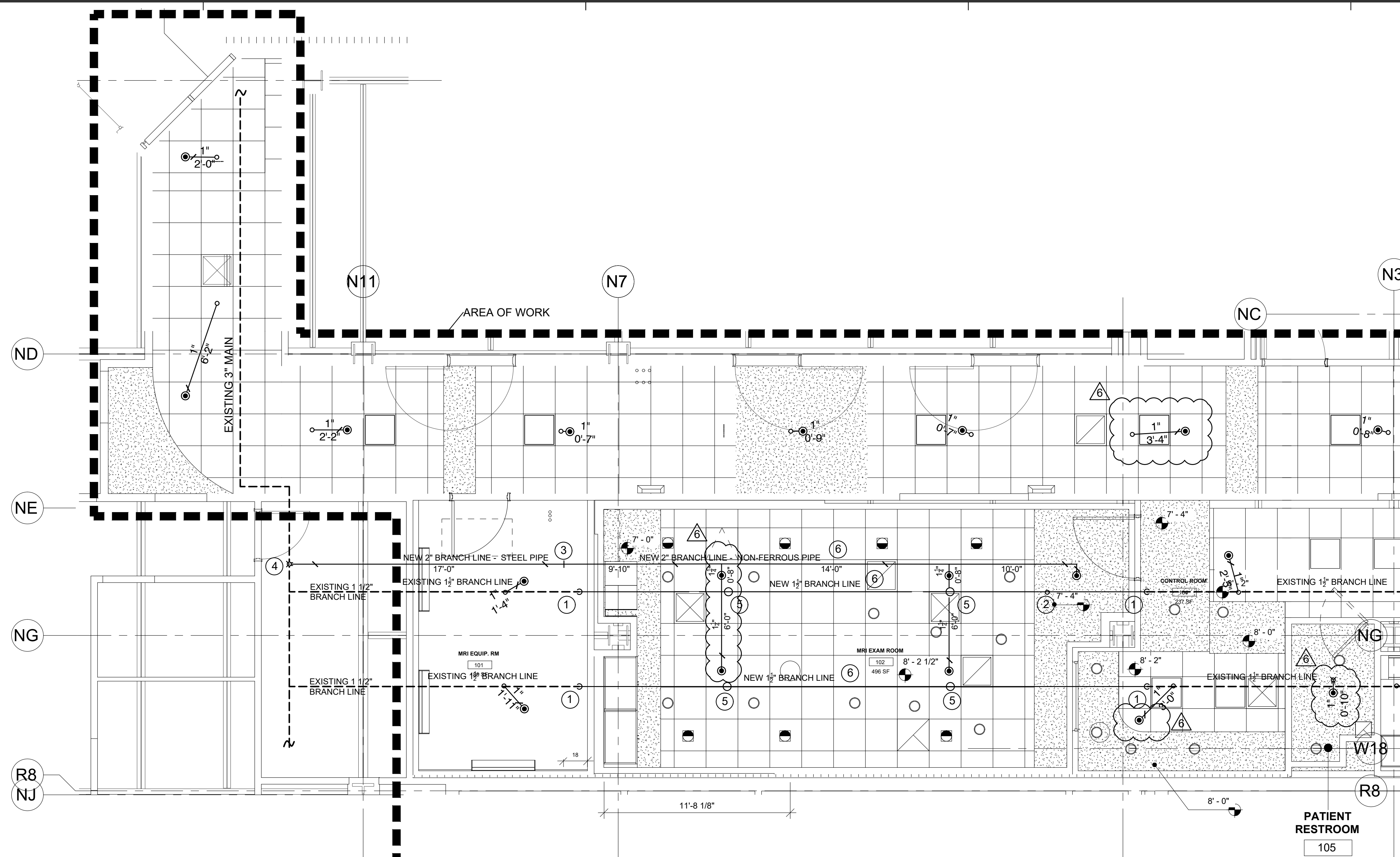
ELECTRICAL: AG DESIGN, INC.
171 S ANITA DR. SUITE 111
ORANGE, CALIFORNIA 92668
TEL(714)769-9500

SHIELDING: MRI SHIELDING CORPORATION
3554 BUSINESS PARK DR., SUITE B
COSTA MESA, CA 92626
TEL(714)545-7700

INTERIORS: ISLEY DESIGN & PLANNING
1982 PALSERO AVENUE
ESCONDIDO, CA 92029
TEL(760)484-0455



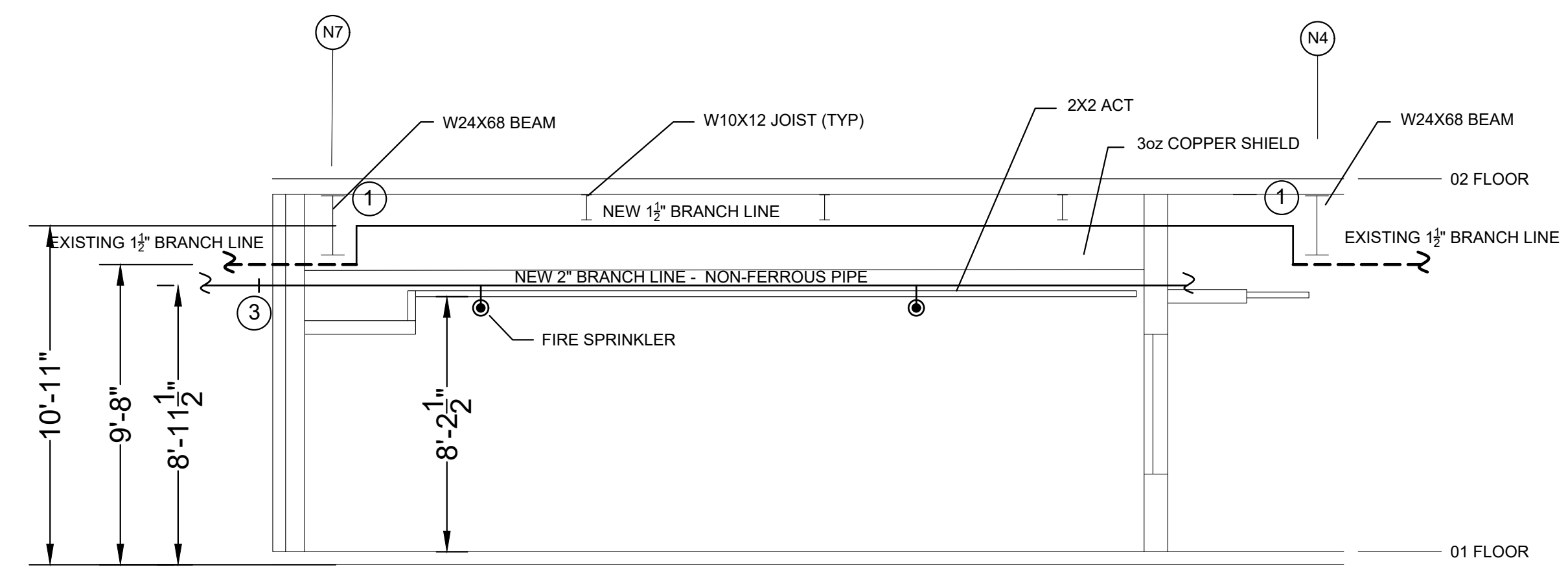
- SHEET NOTES:
- RELOCATE EXISTING BRANCH LINE 6" +/- FROM BOTTOM OF DECK ABOVE MRI ROOM (TYP OF 2)
 - CAP AND PLUG EXISTING OUTLETS ABOVE MRI ROOM
 - TRANSITION FROM STEEL TO NON FERROUS PIPING BEFORE ENTERING THE MRI ROOM. COORDINATE EXACT LOCATION FOR ENTERING THE MRI ROOM WITH ARCHITECT.
 - CONNECT NEW 2" BRANCH LINE TO EXISTING 3" MAIN USING A MECHANICAL TEE.
 - PROVIDE UPRIGHT SPRINKLERS ABOVE THE MRI ROOM.
 - NEW BRANCH LINE PIPING SHALL BE SUPPORTED BY RODS LESS THAN 6" MEASURED BETWEEN THE TOP OF THE PIPE AND THE POINT OF ATTACHMENT TO THE STRUCTURE. BRANCH LINE RESTRAINT IS NOT REQUIRED IN ACCORDANCE WITH NFPA 13 SECTION 9.3.6.5



SEE SHEET FP-105 FOR CONTINUATION

1 FIRE SPRINKLER RENOVATION EAST
SCALE: 1/4" = 1'-0"

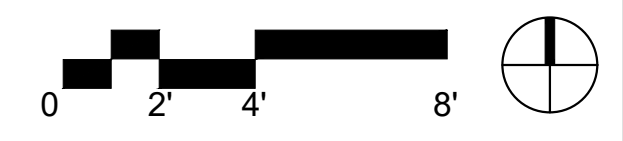
SYMBOL LEGEND	
SYM	DESCRIPTION
X"	DIAMETER OF PIPE
X'-X"	LENGTH OF PIPE
---	EXISTING PIPE
⊗	EXISTING FIRE SPRINKLER RISER
○	EXISTING OUTLET TO BE USED
⊘	EXISTING OUTLET TO BE PLUGGED
⊕	MECHANICAL TEE
⊥	CAP
⊢	PIPE CONTINUATION
⌈	PIPE HANGER



2 SECTION VIEW
SCALE: 1/4" = 1'-0"

SPRINKLER SCHEDULE & LEGEND								
SYMBOL	SPRINKLER DESCRIPTION	MFG.	SERIES	K-FACTOR	TEMP.	FINISH	SIN	QUANTITY
⊗	QUICK RESPONSE, CONCEALED PENDENT SPRINKLER TO BE INSTALLED	VIKING	MIRAGE	5.6	155 °F	WHITE	VK462	37
SPRINKLER CAB'T & WRENCH(ES) PROVIDED							TOTAL COUNT THIS LEVEL =	
							37	

PENDENT SPRINKLERS TO BE INSTALLED AT CENTER OR QUARTER POINT OF TILE WHERE OCCURS.



ACD 001 DESIGN CHANGES 4/14/2021

REV. DESCRIPTION. DATE.

CONSULTANT

JENSEN HUGHES
11545 W. BERNARDO COURT
SUITE 300
SAN DIEGO, CA 92127
+1 619-488-9810
WWW.JENSENHUGHES.COM

OSHPD APPROVAL STAMP:
OSHPD # S200813-37-00

SHEET TITLE:
FIRE SPRINKLER RENOVATION PLAN EAST

PROJECT TITLE:
TCMC MRI

PROJECT #:
01907.01

DRAWN BY:

CHECKED BY:

SCALE:
PER TITLE

DATE:
3/11/2020

FP-104

TCMC MRI

Tri-City Medical
Center

4002 VISTA WAY
OCEANSIDE CA, 92056

OWNER: TRI-CITY MEDICAL CENTER
4002 VISTA WAY
OCEANSIDE, CALIFORNIA 92056
TEL(760)940-7709

ARCHITECT: SFEIR ARCHITECTS
5151 SHOREHAM PL SUITE 100
SAN DIEGO, CALIFORNIA 92122
TEL(619)299-3917

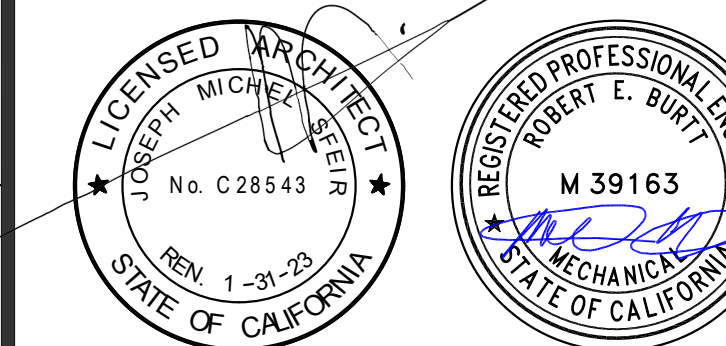
STRUCTURAL: MIYAMOTO INTERNATIONAL, INC.
5151 SHOREHAM PLACE SUITE 200
SAN DIEGO, CALIFORNIA 92122
TEL(858)57-3001

MECHANICAL & PLUMBING: SC ENGINEERS, INC.
17075 VIA DEL CAMPO
SAN DIEGO, CALIFORNIA 92127
TEL(658)946-0333

ELECTRICAL: AG DESIGN, INC.
171 S. ANITA DR. SUITE 111
ORANGE, CALIFORNIA 92668
TEL(714)769-9500

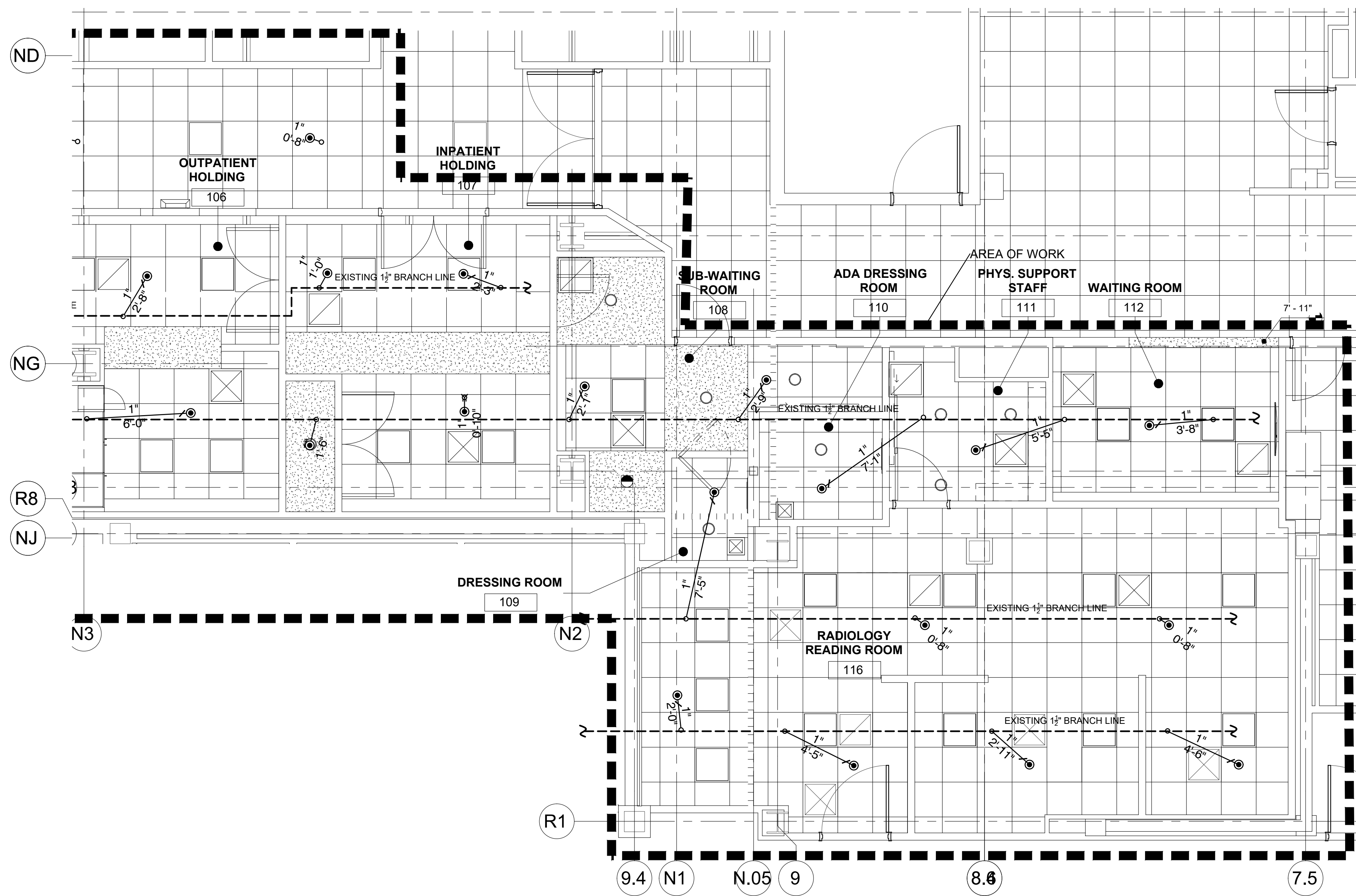
SHIELDING: MRI SHIELDING CORPORATION
3554 BUSINESS PARK DR., SUITE B
COSTA MESA, CA 92626
TEL(714)545-7700

INTERIORS: ISLEY DESIGN & PLANNING
1982 PALSERO AVENUE
ESCONDIDO, CA 92029
TEL(760)484-0455



▲		
▲		
▲		
▲		
▲	ACD 001 DESIGN CHANGES	4/14/2021

SEE SHEET FP-104 FOR CONTINUATION



1 FIRE SPRINKLER DEMOLITION WEST

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

SYMBOL LEGEND	
SYM	DESCRIPTION
X"	DIAMETER OF PIPE
—	PIPE
X'-X"	LENGTH OF PIPE
---	EXISTING PIPE
⊗	EXISTING FIRE SPRINKLER RISER
○	EXISTING OUTLET TO BE USED
⊘	EXISTING OUTLET TO BE PLUGGED
⊕	MECHANICAL TEE
⊔	CAP
⊥	PIPE CONTINUATION
⌋	PIPE HANGER

SPRINKLER SCHEDULE & LEGEND								
SYMBOL	SPRINKLER DESCRIPTION	MFG.	SERIES	K-FACTOR	TEMP.	FINISH	SIN	QUANTITY
⊗	QUICK RESPONSE, CONCEALED PENDENT SPRINKLER TO BE INSTALLED	VIKING	MIRAGE	5.6	155 °F	WHITE	VK462	37
SPRINKLER CAB'T & WRENCH(ES) PROVIDED								TOTAL COUNT THIS LEVEL = 37

PENDENT SPRINKLERS TO BE INSTALLED AT CENTER OR QUARTER POINT OF TILE WHERE OCCURS.



REV. DESCRIPTION. DATE.

CONSULTANT:

JENSEN HUGHES
11545 W. BERNARDO COURT
SUITE 300
SAN DIEGO, CA 92127
+1 619 488 9810
WWW.JENSENHUGHES.COM

OSHPD APPROVAL STAMP:
OSHPD # 5200813-37-00

SHEET TITLE:
FIRE SPRINKLER RENOVATION PLAN WEST

PROJECT TITLE:
TCMC MRI

PROJECT #:
01907.01

PROJECT # _____ SHEET NUMBER _____

DRAWN BY: _____

CHECKED BY: _____

SCALE:
PER TITLE

DATE:
3/11/2020

FP-105