

August 3rd, 2020

Joe Frogge MCP
Building Plans Examiner
City of Lee's Summit
Codes Administration
City Hall
220 SE Green Street
Lee's Summit MO 64043



ACI/BOLAND, INC. – KANSAS CITY
1710 Wyandotte St.
Kansas City, Missouri 64108
T. 816.763.9600

RE: St Luke's East Hospital MRI REPLACEMENT
Permit No: PRCOM20202038
80 NE Saint Luke's Blvd,
Lee's Summit, MO 64086

Dear Joe:

The following is our response to your review of the referenced project dated July 29, 2020

We have also included updated plans that address responses to your review comments.

Building Plan Review

1. Incomplete information to complete review.

Provide the following:

- Complete UL detail information for rated smoke barrier construction including nail/screw patterns.
- Fire rating of door 1C147. (or clarify - demo plan calls for reuse of existing while new floor plan shows as new.)
- Penetration details.
- Clarify how rating is maintained at new zone valve box.

Response:

-ADDED UL detail U465 to sheet A0.2

-Door 1C147 to be new 45 min rated as noted on A2.1. AD demo note #10 states only door hardware to be reused. Existing hardware will be installed in new 45 min rated door.

-ADDED UL W-L 1512 penetration detail to sheet A0.2

-ADDED 5-sided zone valve box detail to sheet A0.2

2. ICC A117.1 Section 404.2.3.2 Swinging Doors and gates. Swinging doors and gates shall have maneuvering clearances complying with Table 404.2.3.2.

Action required: Provide minimum door maneuvering clearance at MRI side of door 1C145

Response: *The item that is being reference that's within the 5' ADA clearance is the "FlexTrak" (FT) mobile patient table. It is only shown there as that's the position it is in when the patient is transferred from it to the MRI table. Basically, it's a "MRI gurney" and will be moved away from the MRI when not needed. Additional note to clarify MRI layout added to sheet A2.1. Door clearance shown on A2.1.*

3. 2017 NEC Article 517.13 Grounding of Receptacles and Fixed Electrical Equipment in Patient Care Spaces. Wiring inpatient care spaces shall comply with 517.13(A) and (B).

(A) Wiring methods. All branch circuits serving patient care spaces shall be provided with an effective ground-fault current path by installation in a metal raceway system, or a cable having a metallic armor or sheath assembly. The metal raceway system, metallic cable armor, or sheath assembly shall itself qualify as an equipment grounding conductor in accordance with 250.118.

(B) Insulated Equipment Grounding Conductors and Insulated Equipment Bonding Jumpers.

(1) General. The following shall be directly connected to an insulated copper equipment grounding conductor that is clearly identified along its entire length by green insulation and installed with the branch circuit conductors in the wiring methods as provided in 517.13(A).

1. The grounding terminals of all receptacles other than isolated ground receptacles.

2. Metal outlet boxes, metal device boxes, or metal enclosures.

3. All non-current-carrying conductive surfaces of fixed electrical equipment likely to become energized that are subject to personal contact, operating at over 100 volts. (see code for exceptions)

(2) Sizing. Equipment grounding conductors and equipment bonding jumpers shall be sized in accordance with 250.122.

Action required: Modify drawings to show that all circuits in patient care areas will have redundant ground system.

Response:

1. *ADDED Electrical Power General Note #7 to clarify grounding requirements. All changes have been clouded on revised sheet EP2.1, rev. 3.*

2. *REVISED location of sink, and REVISE two (2) receptacles within 6' of new sink location to be GFCI type. All changes have been clouded on revised sheet EP2.1, rev. 3.*

3. *REVISED keyed notes #9 and #11 to coordinate exact locations of Philips equipment with Philips, to allow for installation of new sink. All changes have been clouded on revised sheet EP2.1, rev. 3.*

Licensed Contractors

1. Lee's Summit Code of Ordinance, Section 7-130.10 - Business License. It shall be unlawful for any person to engage in the construction contracting business without first obtaining a business license as required under the applicable provisions of Chapter 28 of the Lee's Summit Code of Ordinances.

Action required: Either a Class A or Class B license is required. Provide the name of the licensed general contractor.

Response: *Noted. Contractor will provide prior to picking up permit.*

2. Lee's Summit Code of Ordinance, Section 7-130.4 - Business License. (excerpt) No person, other than a licensed contractor or employees of a licensed contractor, shall engage in electrical, plumbing or mechanical business, construction, installation or maintenance unless duly licensed in accordance with this section.

Action required: MEP subcontractors are required to be listed on permit. Provide company names of licensed MEP contractors.

Response: *Noted. Contractor will provide prior to picking up permit.*

Fire Plan Review

3. 2018 IFC 907.1.1- Construction documents. Construction documents for fire alarm systems shall be submitted for review and approval prior to system installation. Construction documents shall include, but not be limited to, all of the following: 1. A floor plan which indicates the use of all rooms. 2. Locations of alarm-initiating and notification appliances. 3. Alarm control and trouble signaling equipment. 4. Annunciation. 5. Power connection. 6. Battery calculations. 7. Conductor type and sizes. 8. Voltage drop calculations. 9. Manufacturers, model numbers and listing information for equipment, devices and materials. 10. Details of ceiling height and construction. 11. The interface of fire safety control functions. (Informational Purposes) Any modifications to the fire alarm system, provide PE stamped electronic shop drawings to mike.weissenbach@cityofls.net

Response: Noted. If any modifications are required, contractor will submit 3 sets of fire sprinkler shop drawings for review.

2. 2018 IFC 901.2- Construction documents. The fire code official shall have the authority to require construction documents and calculations for all fire protection systems and to require permits be issued for the installation, rehabilitation or modification of any fire protection system. Construction documents for fire protection systems shall be submitted for review and approval prior to system installation. (Informational Purposes) Any modifications to the fire sprinkler system, provide PE stamped electronic shop drawings to mike.weissenbach@cityofls.net

Response: Noted. If any modifications are required, contractor will submit 3 sets of fire sprinkler shop drawings for review.

3. 2018 IFC 901.5- Installation acceptance testing. Fire detection and alarm systems, fire-extinguishing systems, fire hydrant systems, fire standpipe systems, fire pump systems, private fire service mains and all other fire protection systems and appurtenances thereto shall be subject to acceptance tests as contained in the installation standards and as approved by the fire code official. The fire code official shall be notified before any required acceptance testing. The fire code official shall be notified 48 hours before any required acceptance test. (Informational Purposes) Call (816)969-1300 to schedule testing.

Response: Noted. Contractor has been notified to schedule test.

4. (Verified At Inspection) Provide a non-ferrous fire extinguisher in the existing fire extinguisher cabinet.

Response: Noted. Contractor has been notified to provide/confirm a non-ferrous fire extinguisher has been provided in the existing fire extinguisher cabinet.

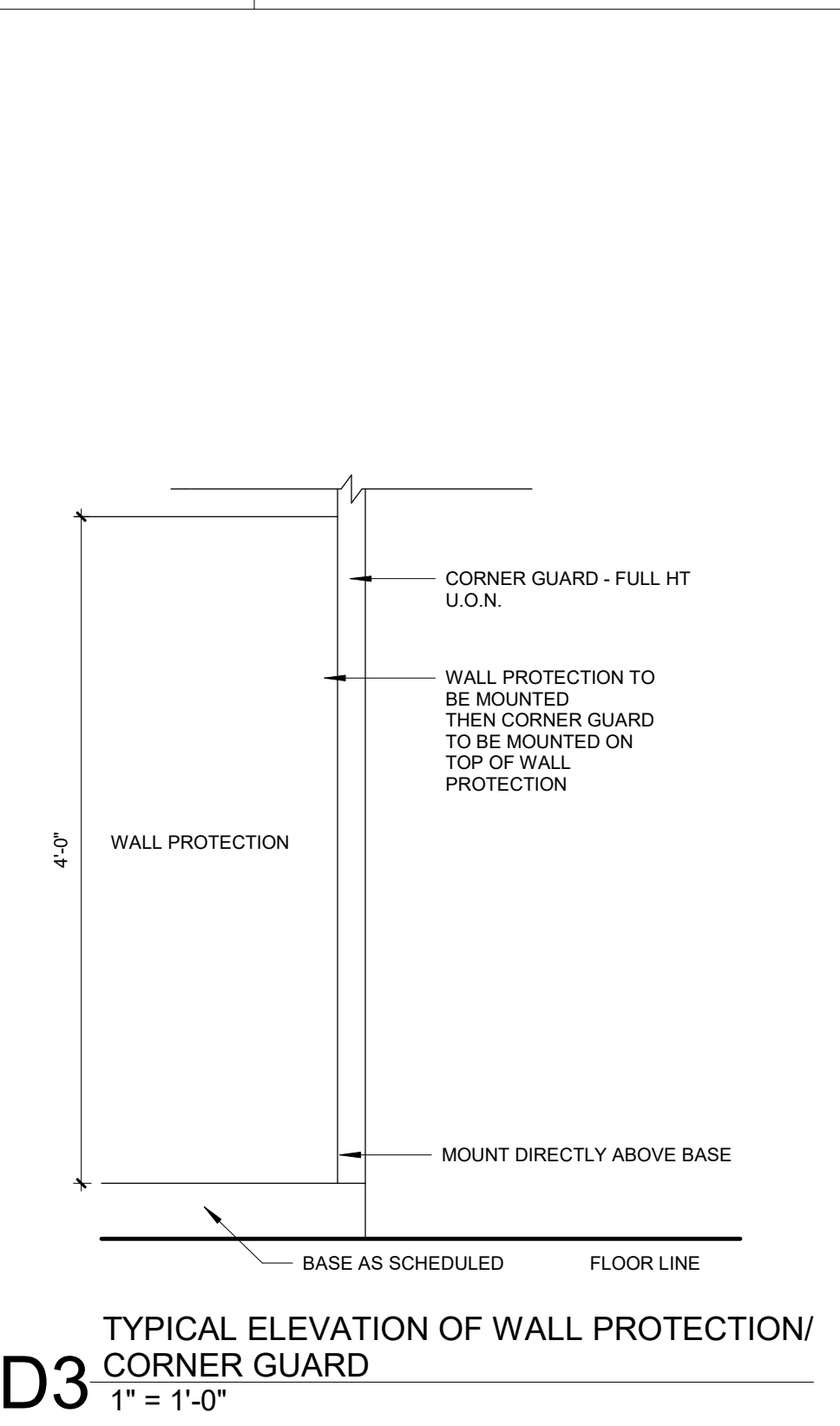
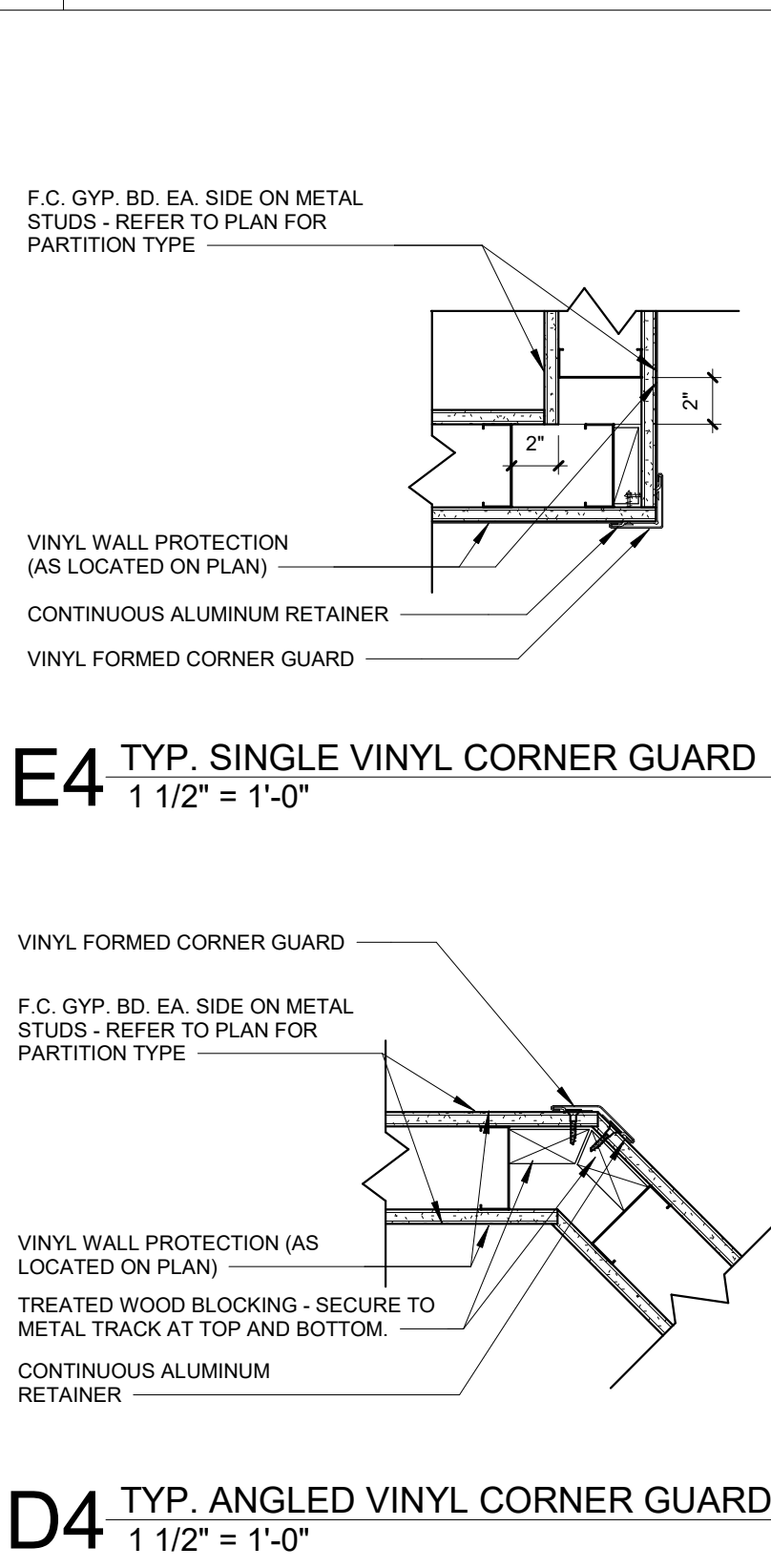
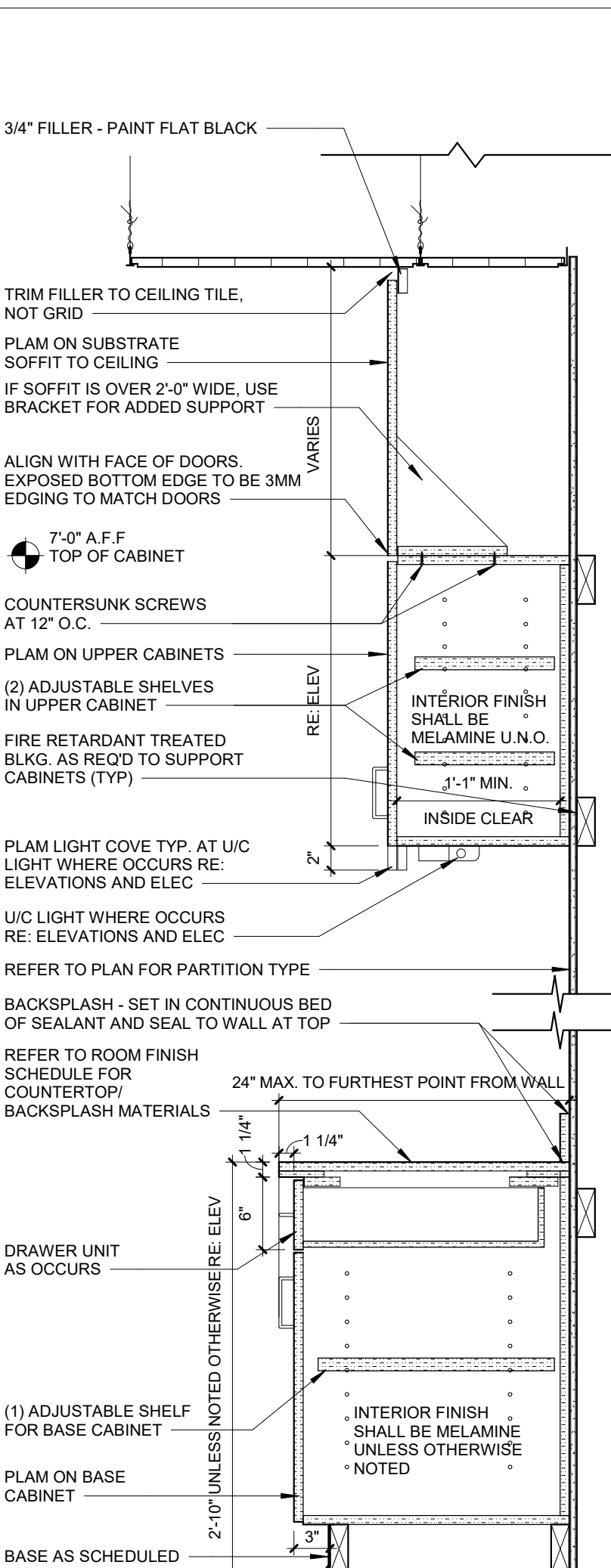
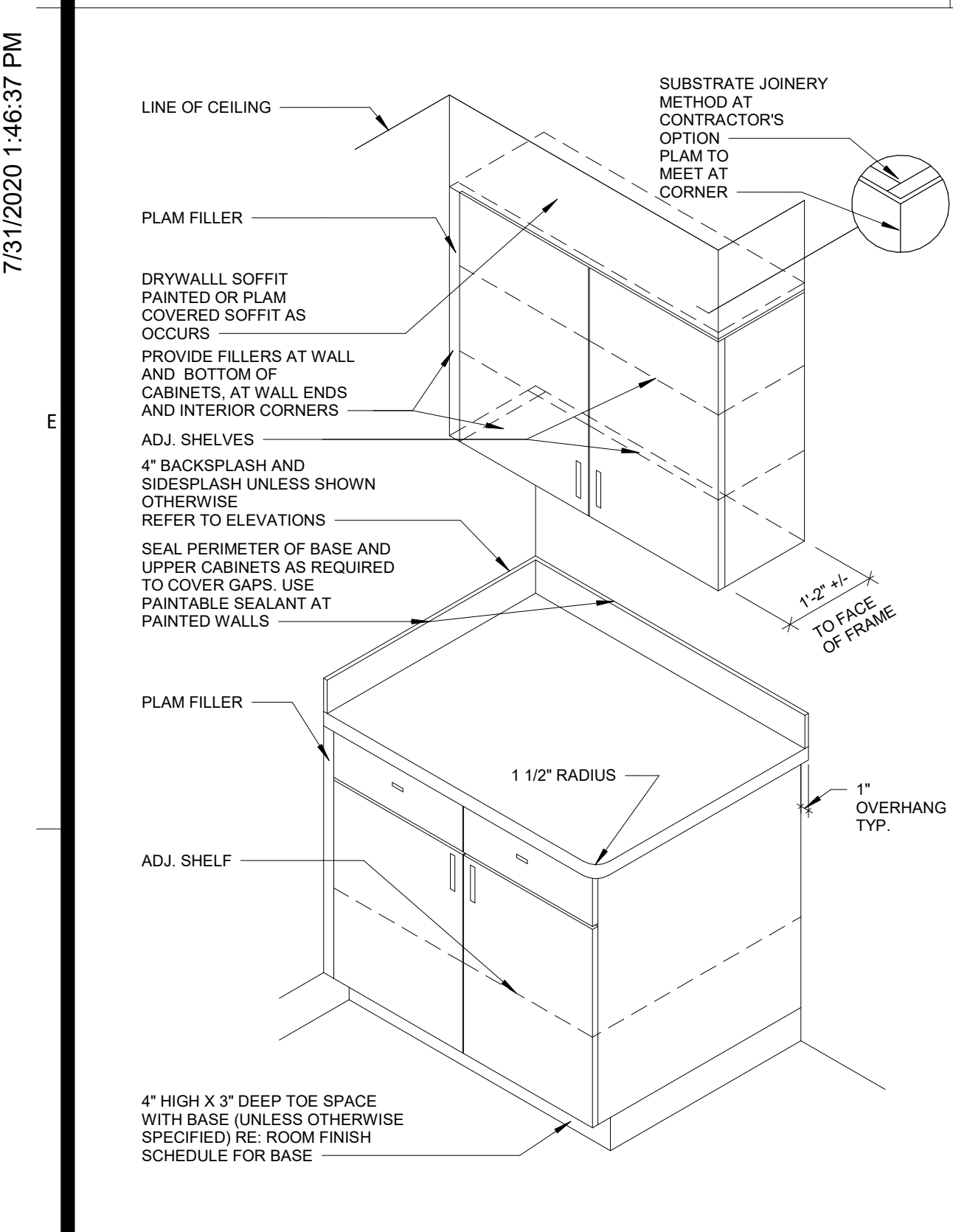
Sincerely,
ACI/BOLAND, INC.



Ashlee Deck
Project Architect

Enclosures: A0.2, A2.1, EP2.1

cc: TJ Steinkirchner – St. Luke's CM
File 3-20037



ROOM FINISH SCHEDULE												
ROOM NUMBER	ROOM NAME	FLOOR FINISH	BASE FINISH	WALLS				CASEWORK			CEILING	NOTES
				NORTH	EAST	SOUTH	WEST	BASE CABINETS	UPPER CABINETS	COUNTER TOPS		
1C140	DRESS #3	LVT-2	RWB-1	P-1, WP-1	P-1, WP-1	P-1, WP-1	P-1, WP-1	PL-1	PL-1	SS-1	ACT-1	1,
1C145	MRI #1	SV-1, SV-2	IB-1	EP-1, WP-1	EP-1, WP-1	EP-1, WP-1	EP-1, WP-1	PL-1	PL-1	SS-1	ACT-4	1, 2
1C146	MRI CONTROL	LVT-2	RWB-1	P-1, WP-1	P-1, WP-1	P-1, WP-1	P-1, WP-1	PL-1	PL-1	SS-1	ACT-1	1, 2
1C147	TRANSFER	LVT-2	RWB-1	P-1, WP-1	P-1, WP-1	P-1, WP-1	P-1, WP-1	PL-1	PL-1	SS-1	ACT-1	1, 2
1C148	DRESS #2	LVT-2	RWB-1	P-1, WP-1	P-1, WP-1	P-1, WP-1	P-1, WP-1	PL-1	PL-1	SS-1	ACT-1	1
1C149	ADA DRESS #1	LVT-2	RWB-1	P-1, WP-1	P-1, WP-1	P-1, WP-1	P-1, WP-1	PL-1	PL-1	SS-1	ACT-1	1
1C153	EQUIP.	ETR	ETR	P-1	P-1	P-1	P-1	PL-1	PL-1	SS-1	ACT-1	2

NOTES:
1. WALL PROTECTION HEIGHT TO BE 4'-0" ABOVE BASE. WHERE WALL PROTECTION IS INDICATED WALL TO BE PAINTED PRIOR TO INSTALLATION.
2. PAINT ALL EXISTING DOOR FRAMES.

INTERIOR FINISH LEGEND						
MARK	ITEM	MANUFACTURER	MODEL/ PATTERN	COLOR	SIZE	REMARKS
FLOOR						
LVT-2	LUXURY VINYL TILE	MANNINGTON	AMTICO STONE	CORINTHIAN MARBLE AROSITY15	18" X 18"	STRAIGHT EDGE ONLY. ASHLAR
SV-1	HOMOGENEOUS SHEET VINYL	ARMSTRONG	MEDTONE, DIAMOND 10	#H311 NATURAL WHITE	6'-0" ROLL	WELD ROD W0288
SV-2	HOMOGENEOUS SHEET VINYL	ARMSTRONG	MEDTONE, DIAMOND 10	#H5421 HAZEL	6'-0" ROLL	
BASE						
IB-1	INTEGRAL BASE	ARMSTRONG	MEDTONE, DIAMOND 10	#H311 NATURAL WHITE	8" COVE	LAMOLD SCHLUTTER STRIP AT TOP. TO BE USED WITH SV-1
RWB-1	RUBBER WALL BASE	ROPPE	PINNACLE PLUS, PROFILE #65	#110 BROWN	4-5/8"	
WALL						
EP-1	PAINT - EPOXY	SHERWIN WILLIAMS	SW7036	ACCESSIBLE BEIGE		FIELD PAINT, EPOXY FINISH
PT-1	PAINT	SHERWIN WILLIAMS	SW7036	ACCESSIBLE BEIGE		FIELD PAINT, EGGSHELL FINISH
PT-4	PAINT	SHERWIN WILLIAMS	SW7039	TWO HUT		DOOR FRAME PAINT, SEMI GLOSS FINISH
WP-1	WALL PROTECTION	C/S ACROVYN	940 ACROVYN 4000	#858 PUMICE	4" X 10' SHEETS	WALL PROTECTION AT 48" ABOVE BASE. INCLUDE ALL ACCESSORIES
CASEWORK						
EB-1	EDGE BANDING	DOELLEN	8707E5	WALNUT HEIGHTS		3MM
IB-1	INTEGRAL SINK	CORIAN	BONE	WALNUT HEIGHTS		
PL-1	HIGH PRESSURE LAMINATE	WILSONART	#705K12	CLAM SHELL		CUSTOM 3MM PVC DOELLEN WALNUT HEIGHTS 8707E5
SS-1	SOLID SURFACE	CORIAN			1/2" 30" X 144" SHEET	EASED EDGE
CEILING						
ACT-1	ACOUSTIC CEILING TILE	USG	RADAR CLIM PLUS #2210	WHITE	2' X 2'	SQUARE EDGE, DOWN DX TEE 15/16" GRID SYSTEM
ACT-4	ACOUSTIC CEILING TILE	USG	MARS HEALTHCARE PANELS #86169	WHITE	2' X 2'	SQUARE EDGE, DOWN AXISE 15/16" ALUMINUM GRID SYSTEM
MISC.						
CG-3	CORNER GUARD	C/S ACROVYN	SM-25AN-ACROVYN-4000	#858 PUMICE	3"	90 DEGREE, ABOVE BASE TO CEILING. INCLUDE ALL TRIM AND ACCESSORIES. TYPICAL
CG-4	CORNER GUARDS	C/S ACROVYN	SM-25AN-ACROVYN-4000	#858 PUMICE	2"	END WALL ABOVE BASE TO CEILING. INCLUDE ALL TRIM AND ACCESSORIES. TYPICAL
ETR	EXISTING TO REMAIN					

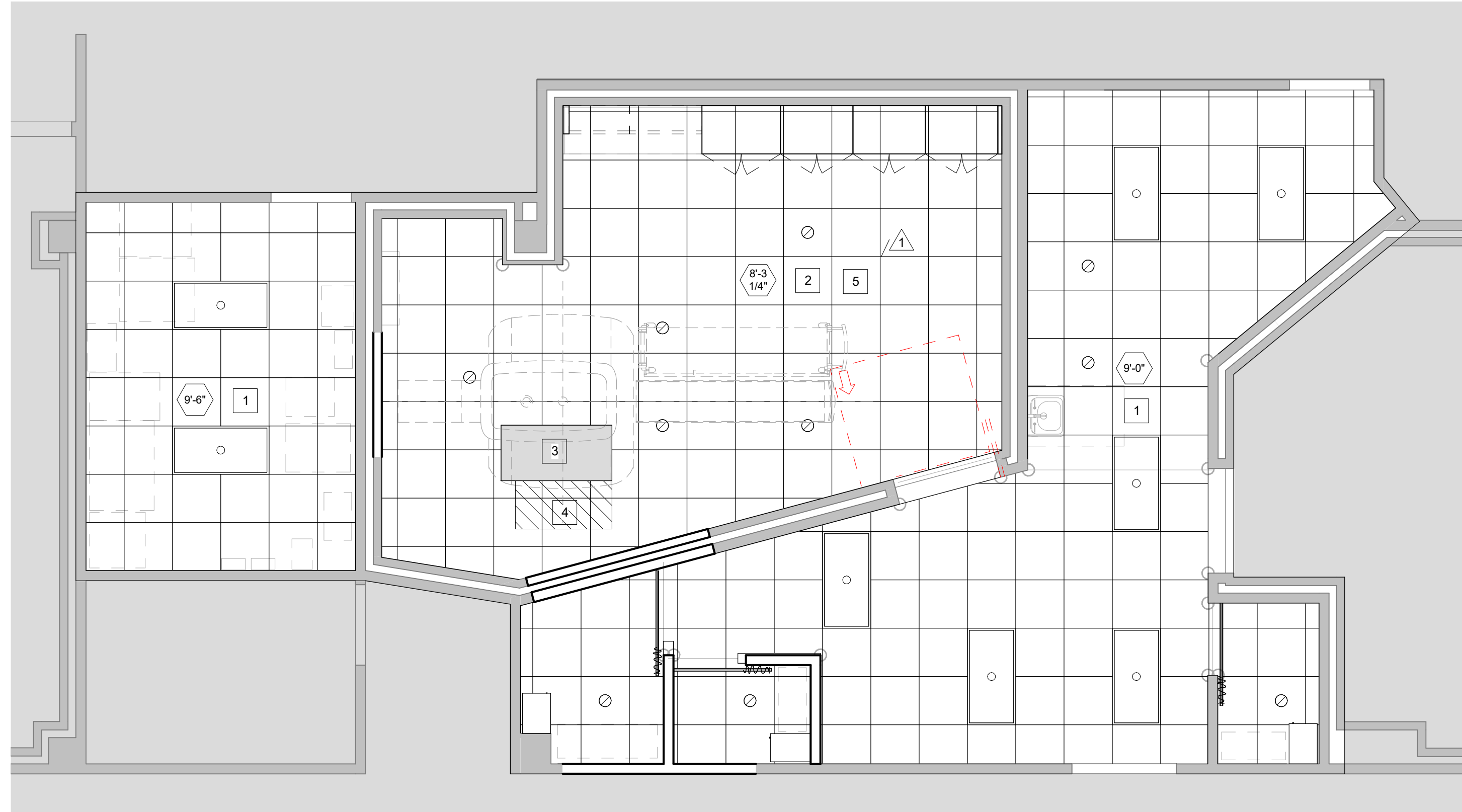
TYP. CABINET NOTES:
1. PROVIDE PLAM FILLER WHERE CABINETS BUTT UP TO WALLS.
2. ALL COUNTERTOPS HAVE 4" BACKSPASH (MATERIAL TO MATCH COUNTERTOP) AND OUTSIDE CORNERS HAVE 1 1/2" RADIUS EXCEPT WHERE NOTED OTHERWISE.
3. CASEWORK MFR. TO SUPPLY (2) - 2" GROMMETS PER KNEESPACE. GROMMETS TO BE INSTALLED IN FIELD AS DIRECTED BY OWNER. COLOR TO BE SELECTED BY ARCHITECT.
4. PLASTIC LAMINATE COUNTERTOP EDGES SHALL BE 3 MM PLASTIC. COLOR AS SELECTED BY ARCHITECT.

D6 CASEWORK ISOMETRIC 1 1/2" = 1'-0"

D5 CASEWORK SECTION 1" = 1'-0"

D4 TYP. ANGLED VINYL CORNER GUARD 1 1/2" = 1'-0"

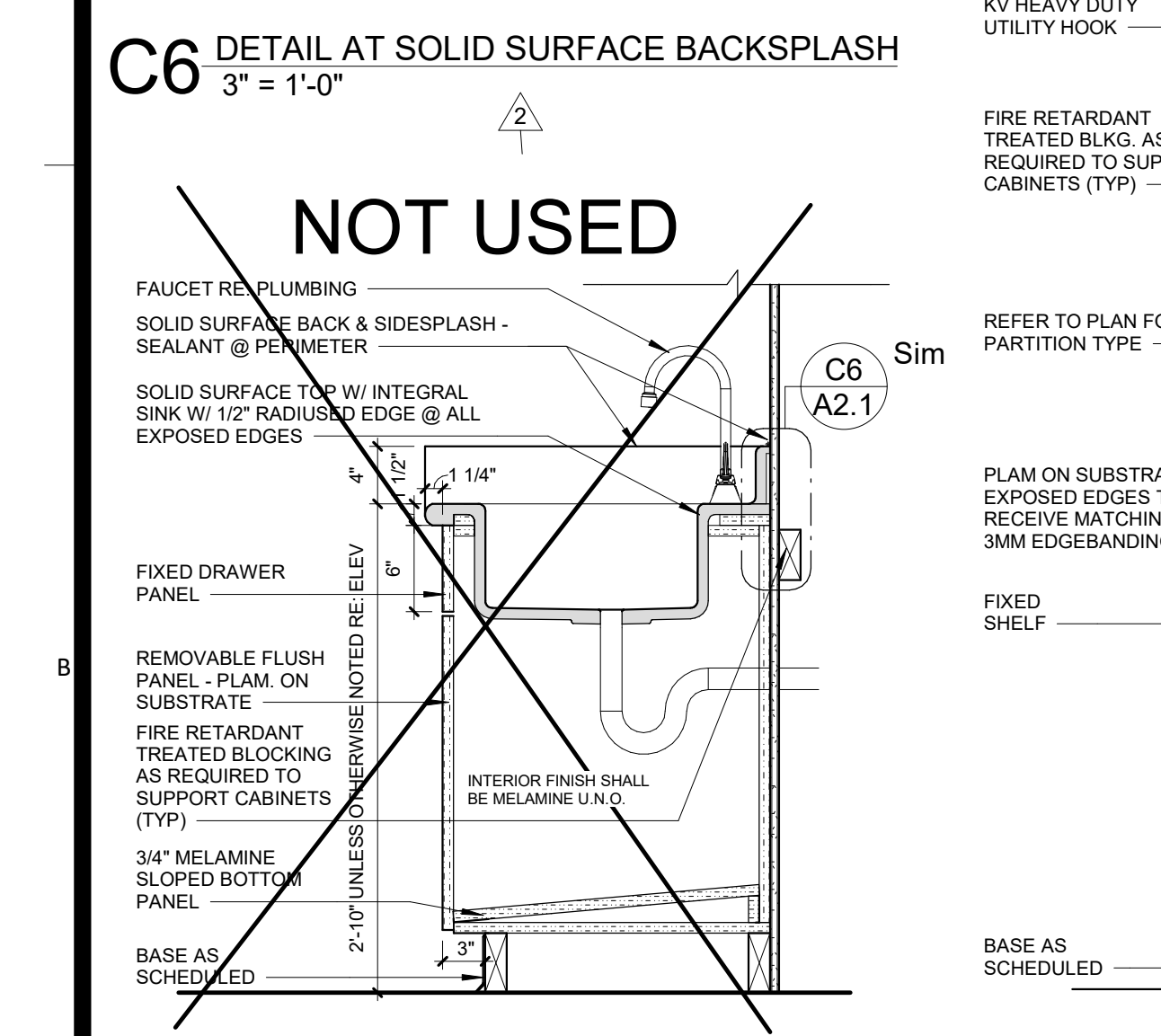
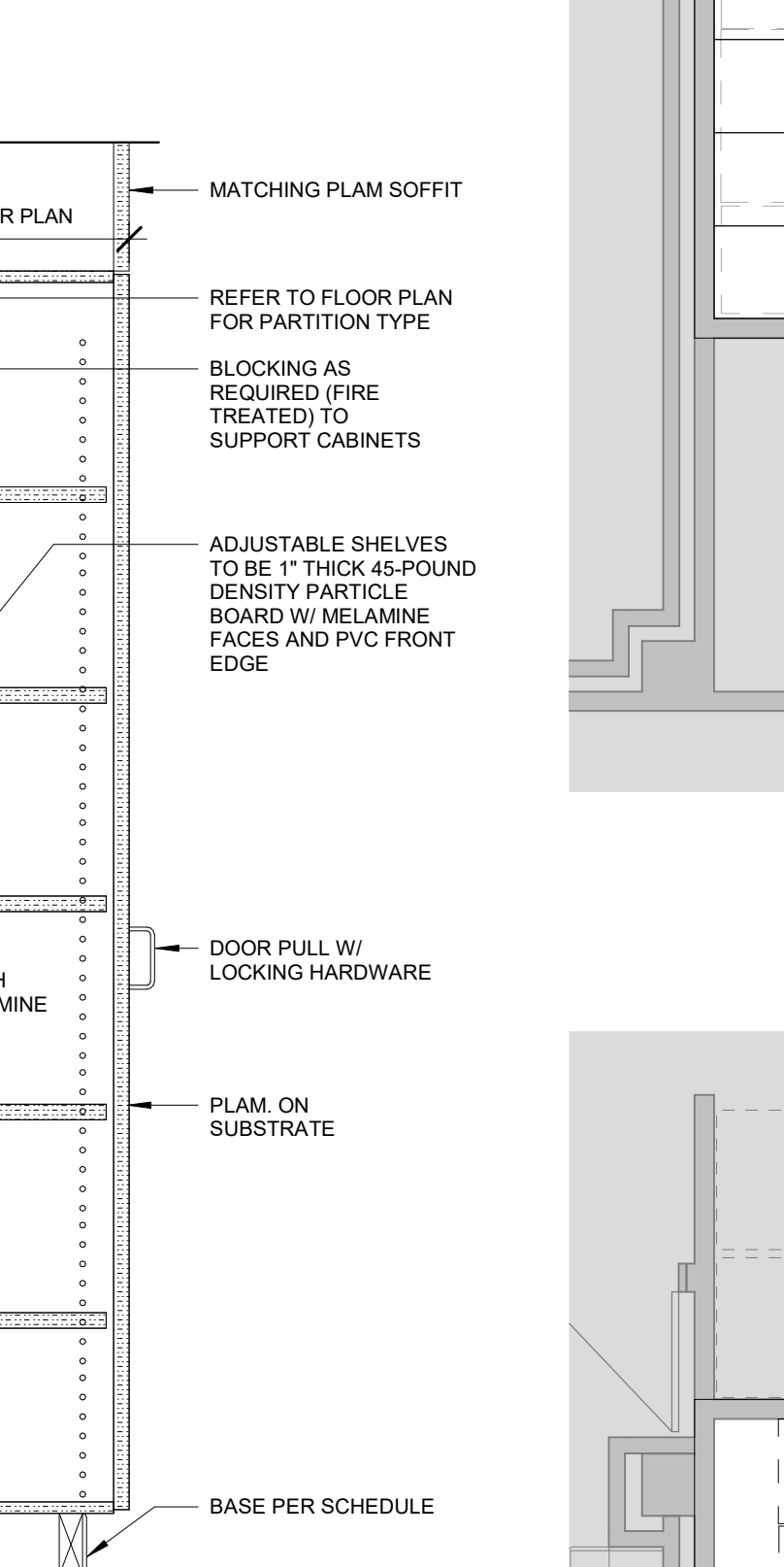
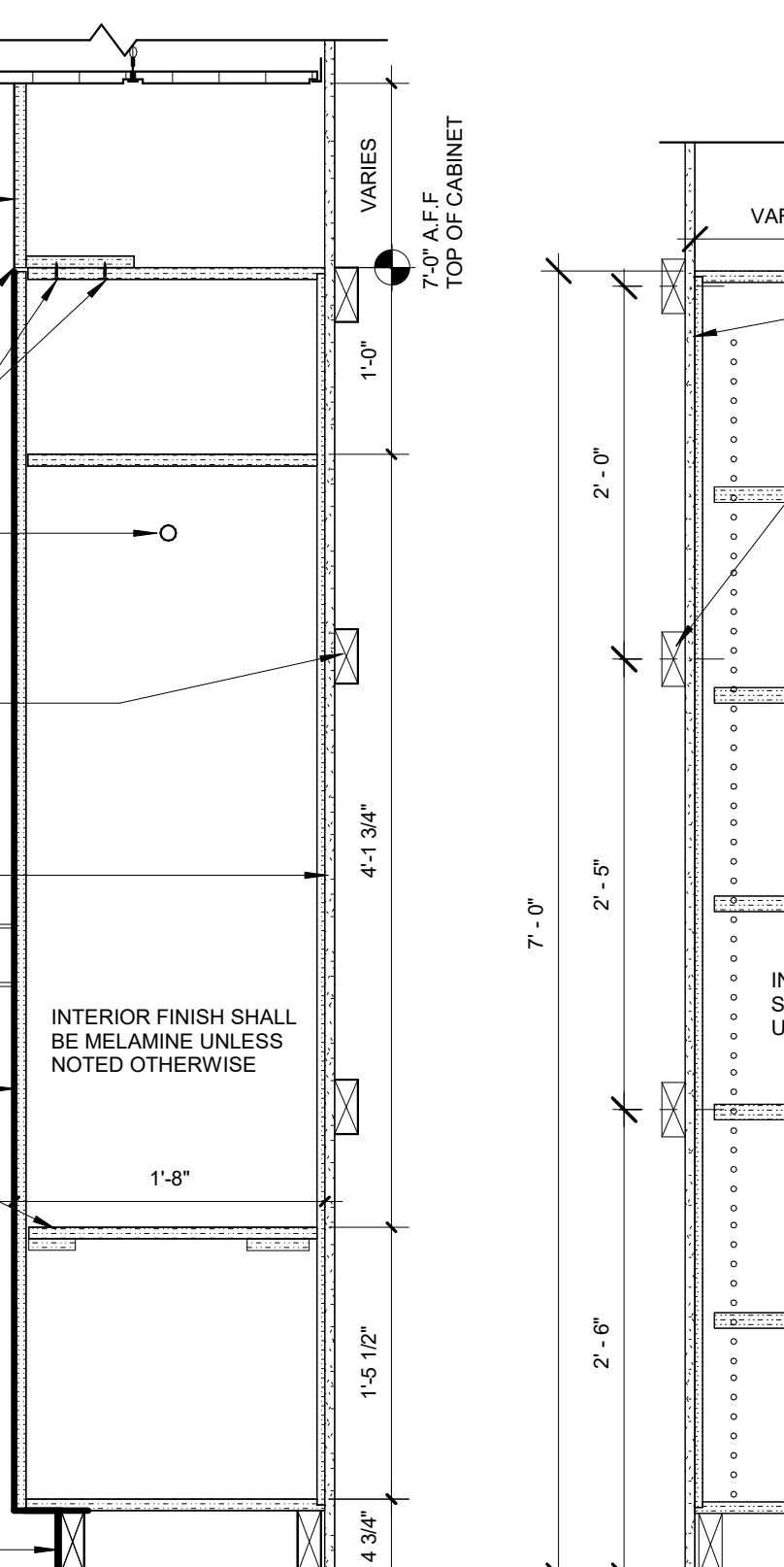
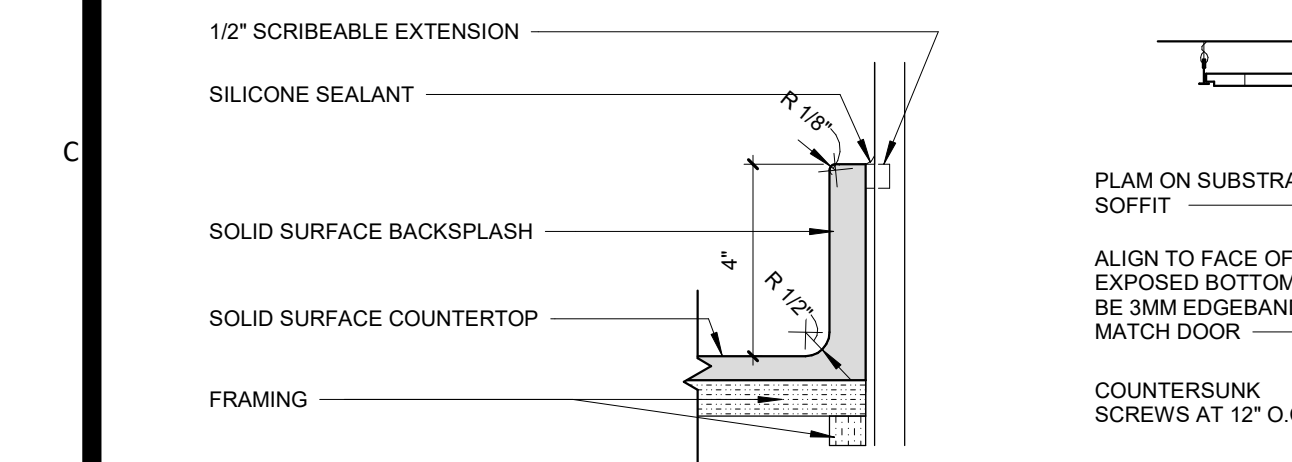
D3 TYPICAL ELEVATION OF WALL PROTECTION/ CORNER GUARD 1" = 1'-0"



CEILING LEGEND	
○	RECESSED CAN LIGHT FIXTURE RE: ELECT
□	2X4 RECESSED/SURFACE FLUORESCENT LIGHT FIXTURE RE: ELECT
□	2X2 RECESSED/SURFACE FLUORESCENT LIGHT FIXTURE RE: ELECT
▨	2X2/24 LAY-IN ACOUSTICAL CEILING
⊗	SUPPLY AIR GRILLE RE: MECH
⊠	RETURN AIR OR EXHAUST GRILLE RE: MECH
9'-0"	SOFFIT HEIGHT
9'-0"	CEILING HEIGHT

GENERAL RCP NOTES
1. THIS PLAN SHALL BE USED TO COORDINATE THE CEILING LAYOUT WITH MECHANICAL AND ELECTRICAL WORK. VERIFY THE EXACT QUANTITY REQUIRED.
2. CONTRACTOR TO REFER TO THE ELECTRICAL PLANS FOR ACTUAL LIGHTING SIZES AND FIXTURE TYPES.
3. SEE SPECIFICATIONS FOR CEILING TYPES.
4. REFER TO ARCHITECTURAL FLOOR PLANS FOR MATERIAL LEGEND OF ALL TYPES.
5. ALL NEW CEILINGS TO BE INSTALLED AT EXISTING CEILING HEIGHT U.N.O.

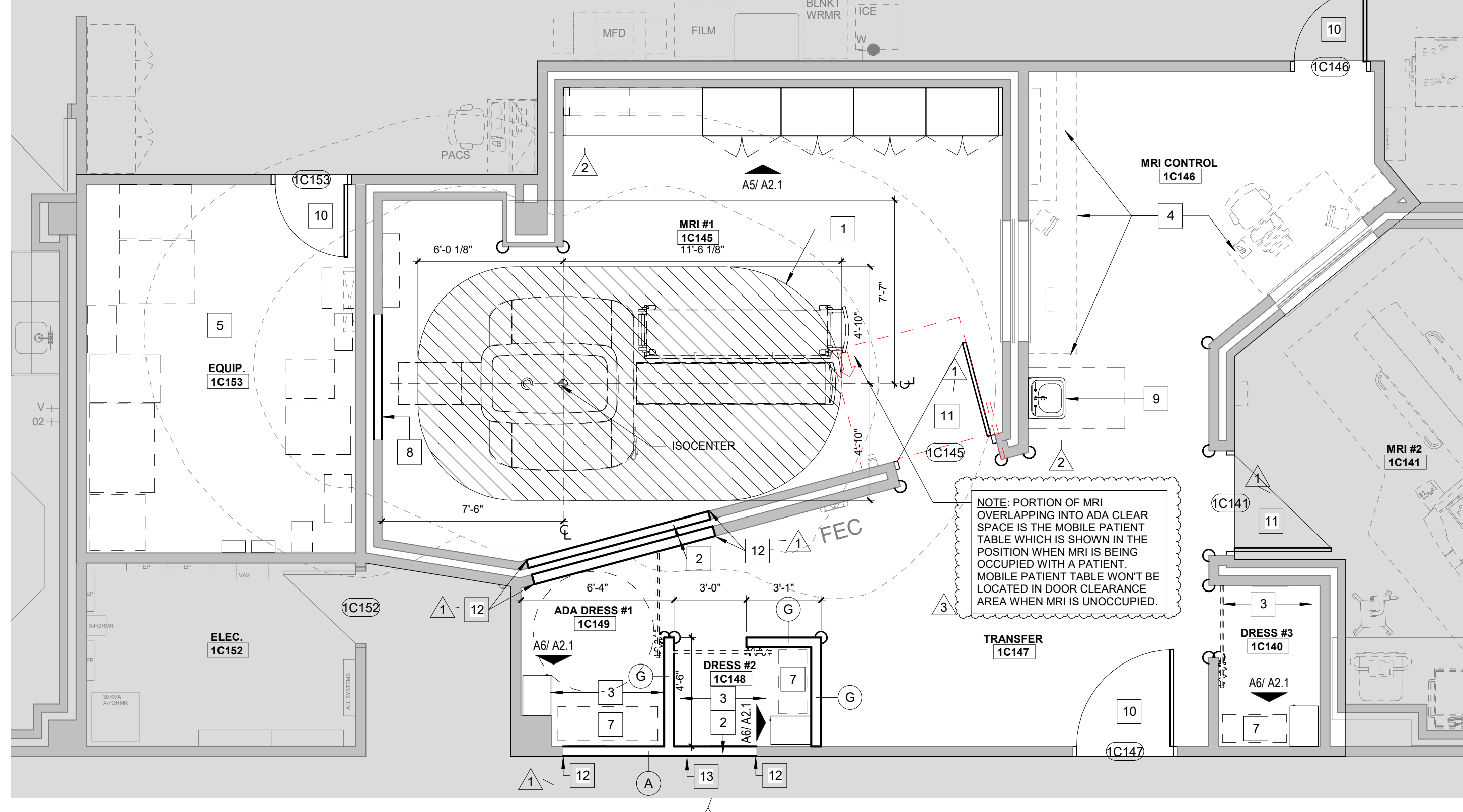
KEYNOTES - RCP	
Number	Comments
1	EXISTING CEILING GRID TO REMAIN. ADD CROSS TEES TO CREATE 2X2 GRID. REPLACE EXISTING TILE WITH 2X2 TILES. RELOCATE SPRINKLER HEADS & DEVICES AS REQUIRED.
2	REFER TO MEP AND PHILIPS SITE SPECIFIC DRAWINGS FOR EXACT LIGHT AND LED MODULE COUNT AND LOCATIONS.
3	NO CEILING TILE OR GRID IN THIS AREA. 28" X 56" THIS SERVICE AREA MUST BE CLEAR OF OBSTRUCTIONS FROM TOP OF MAGNET TO 10'-0" AFF. RE: PHILIPS SITE SPECIFIC DRAWINGS.
4	REMOVABLE CEILING AREA 23.75' X 48" FOR SERVICING EQUIPMENT. GRID WORK MUST BE EASILY REMOVED FOR ACCESS. RE: PHILIPS SITE SPECIFIC DRAWINGS.
5	NEW CEILING GRID AND TILES PER SCHEDULE.



B6 SINK BASE CABINET SECTION 1" = 1'-0"

B5 SECTION AT PATIENT WARDROBE 1" = 1'-0"

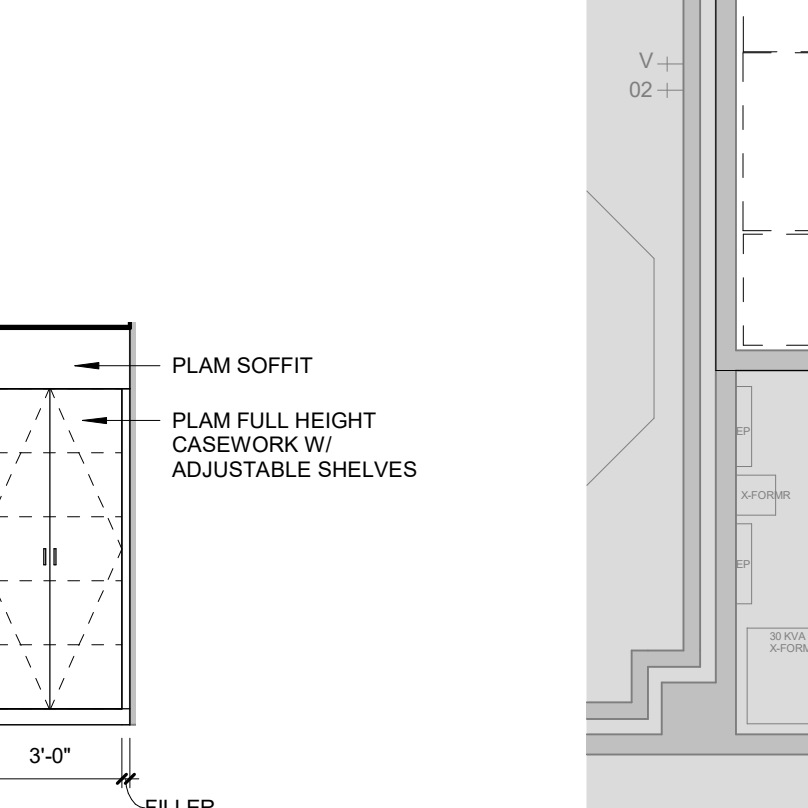
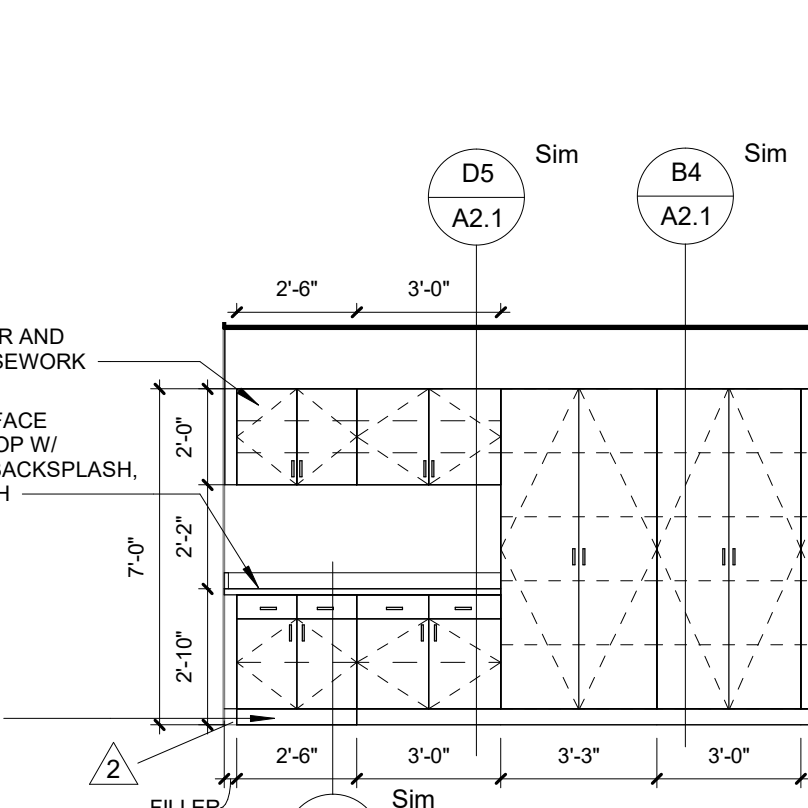
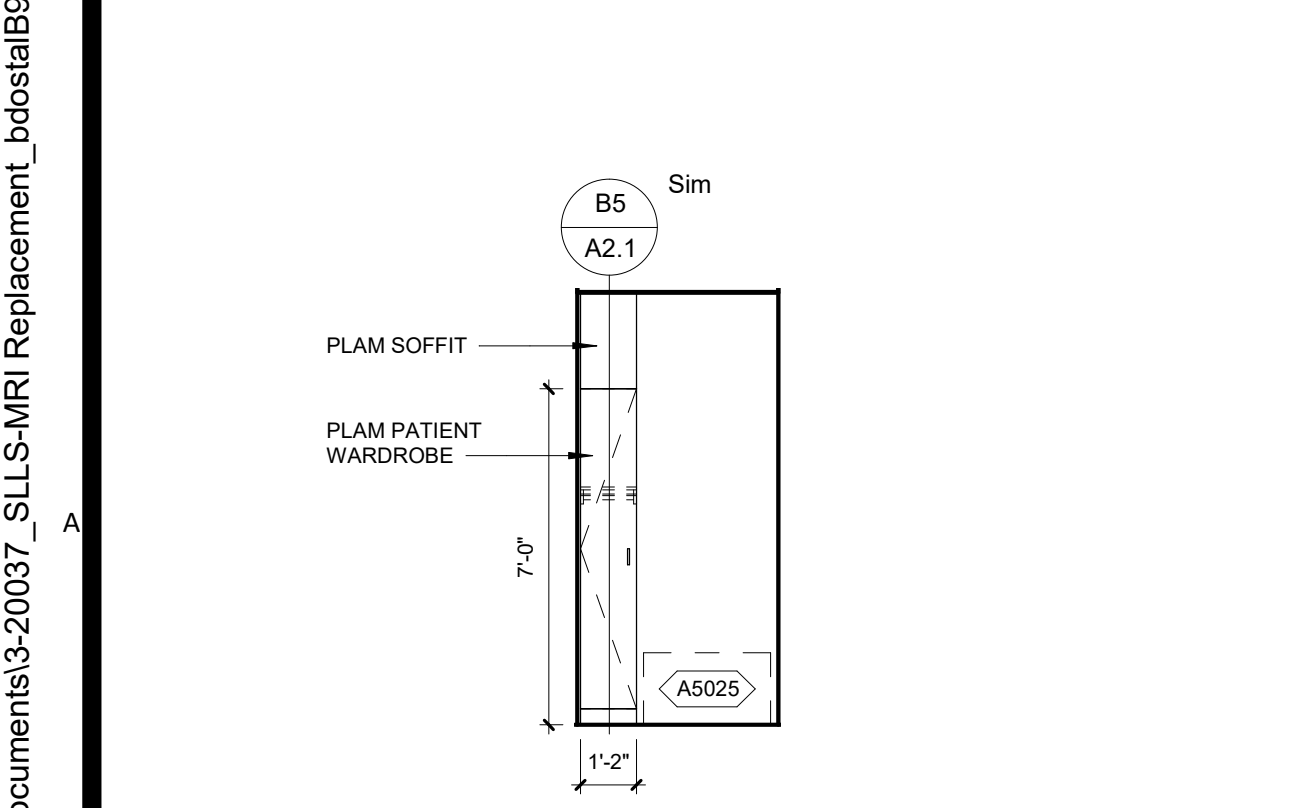
B4 FULL HEIGHT CABINET SECTION 1" = 1'-0"



PLAN LEGEND	
▨	NOT IN SCOPE
▨	EXISTING TO REMAIN
▨	EXISTING DOOR, FRAME AND HARDWARE TO REMAIN
▨	NEW WALL
▨	NEW CORNER GUARD

GENERAL PLAN NOTES
A. CONTRACTOR TO PROVIDE IN-WALL FRT WOOD BLOCKING AT ALL WALL-MOUNTED EQUIPMENT, FIXTURES, AND ACCESSORIES AS REQUIRED FOR INSTALLATION.
B. TOP OF EXISTING RF SHIELDING IS 11'-0" A.F.F.
C. RE: PHILIPS SITE-SPECIFIC DRAWINGS FOR MRI EQUIPMENT INFORMATION. ALL HARDWARE IN MRI ROOM SHALL BE NON-FERROUS.

KEYNOTES - FLOOR PLAN	
NUMBER	COMMENTS
1	CONTRASTING COLOR SHEET VINYL (SV-2); RE: PHILIPS SITE SPECIFIC DRAWINGS SHEET 54
2	INFILL OPENINGS WITH CONSTRUCTION MATERIALS, RF SHIELDING, FIRE-RATING (IF APPLICABLE) AND FINISHES EQUAL TO EXISTING ADJACENT CONSTRUCTION.
3	RE-INSTALL ALL APPLICABLE WALL MOUNTED AND CEILING MOUNTED EQUIPMENT
4	SYSTEMS FURNITURE, EXISTING TO REMAIN
5	REFER TO MEP AND PHILIPS DRAWINGS FOR EQUIPMENT INFORMATION
6	ADA BENCH, PROVIDED BY FURNITURE VENDOR
7	MODIFY WALL CONSTRUCTION AS REQUIRED TO PROVIDE ADAPTIVE FRAME FOR INSTALLATION OF PATIENT IN-DOOR SOLUTION MONITOR. RE: PHILIPS SITE SPECIFIC DRAWINGS SHEET 50T
8	WALL-HUNG SINK. RE: MEP. PROVIDE WOOD BLOCKING AS REQUIRED.
9	PAINT DOOR FRAME PER SCHEDULE. NEW SOLID CORE WOOD DOOR, VT INDUSTRIES, HIGH PRESSURE DECORATIVE LAMINATE W/ 3MM PVC EDGES, LAMINATED TOP AND BOTTOM. COLOR: WILSONART WALNUT HEIGHTS, #705K-12. RE-INSTALL SALVAGED HARDWARE
10	RF SHIELDED DOOR/FRAME/HARDWARE ETR
11	INSTALL NEW DRYWALL CONTROL JOINTS AT EACH SIDE AND INSIDE AND OUTSIDE OF WALL
12	INSTALL NEW WALL PROTECTION AT KNOCKOUT. RE-INSTALL SALVAGED HANDRAIL
13	



A6 DRESS - TYPICAL 1/4" = 1'-0"

A5 1C145 MRI - NORTH 1/4" = 1'-0"

A6 DRESS - TYPICAL 1/4" = 1'-0"

A2 FLOOR PLAN 1/4" = 1'-0"

A2 FLOOR PLAN 1/4" = 1'-0"

Samuel K. Beckman - Architect
License - Missouri WA-2011012130

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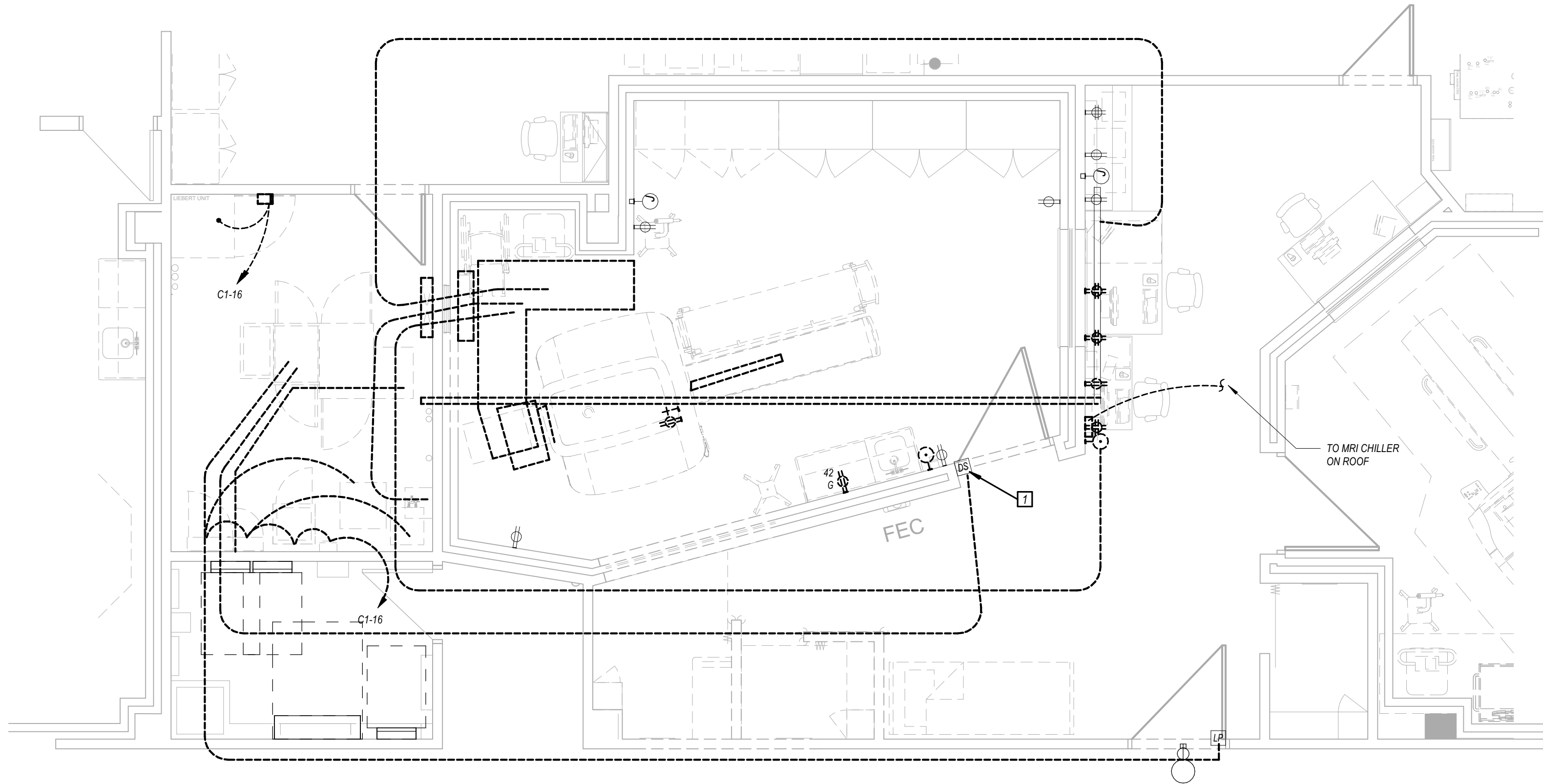
ACI/Boland, Inc.
Kansas City | St. Louis
Licensee's Certificate of Authority Number:
Missouri: #000958

MEP CONSULTANT
W. L. Cassell & Associates, Inc. now IMEG
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Kansas City, MO 64108
Phone Number: 816.842.8437
Licensee's Certificate of Authority Number:
#00127265

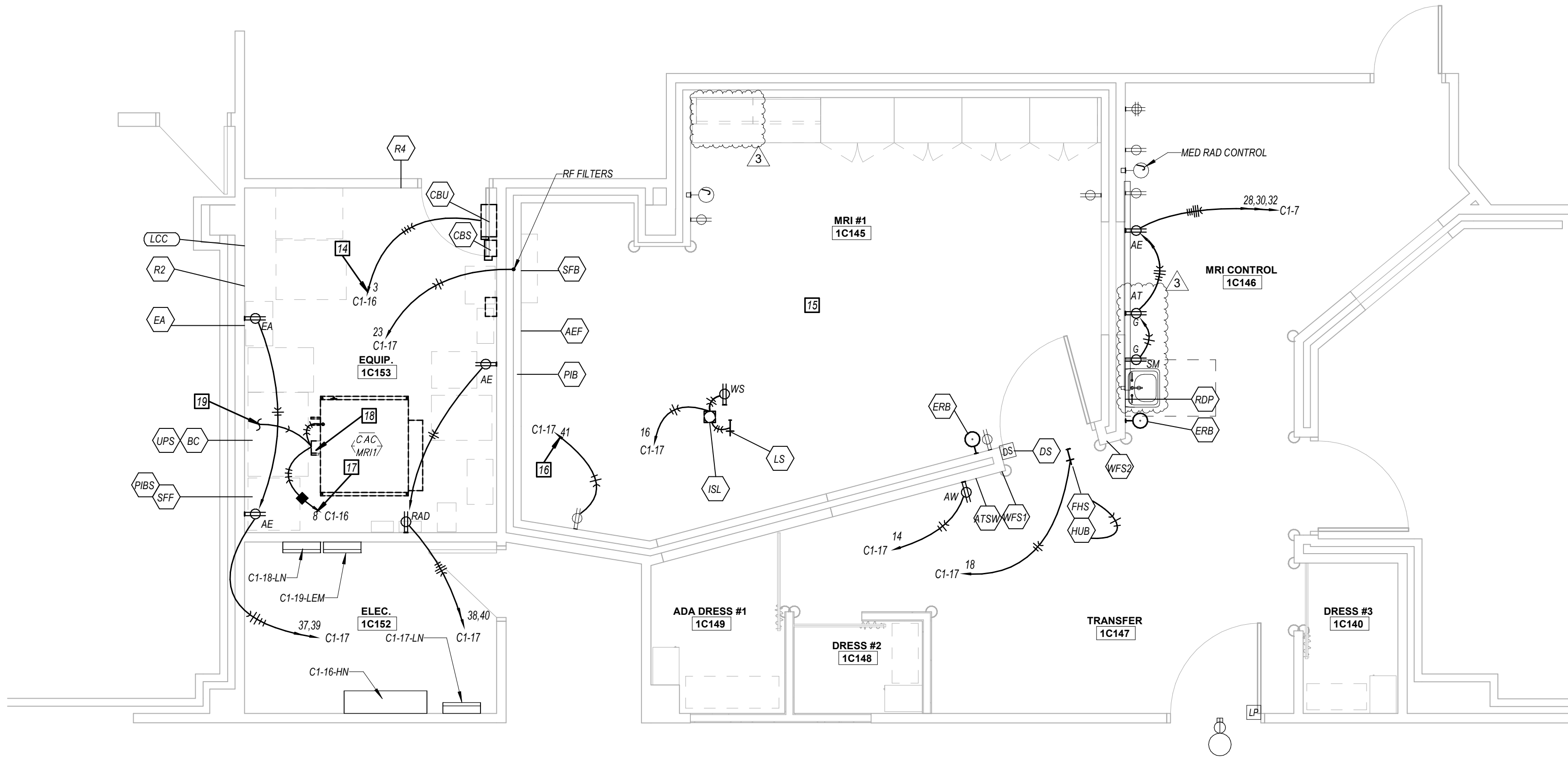
Saint Luke's
East Hospital
MRI Replacement
80 NE Saint Luke's Blvd
Lee's Summit, MO 64086

Date 04/17/2020
Job Number 3-20037
Drawn By APB
Checked By ABD

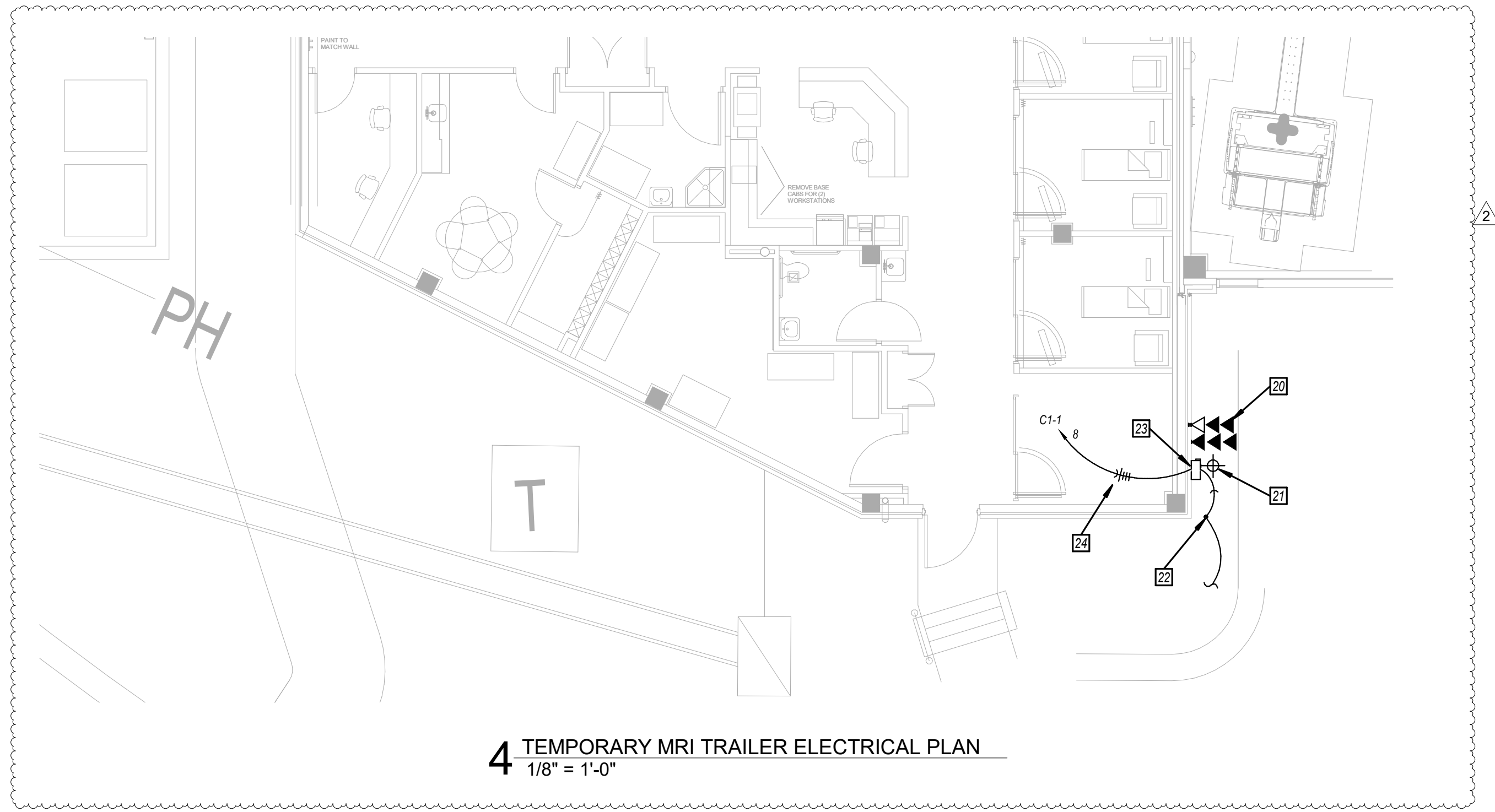
Revision		
Number	Date	Description
1	05.11.20	ADD 01
2	07.29.20	PR 01
3	08.03.20	CITY COMMENTS
20		



1 FIRST FLOOR POWER DEMOLITION PLAN
1/4" = 1'-0"



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



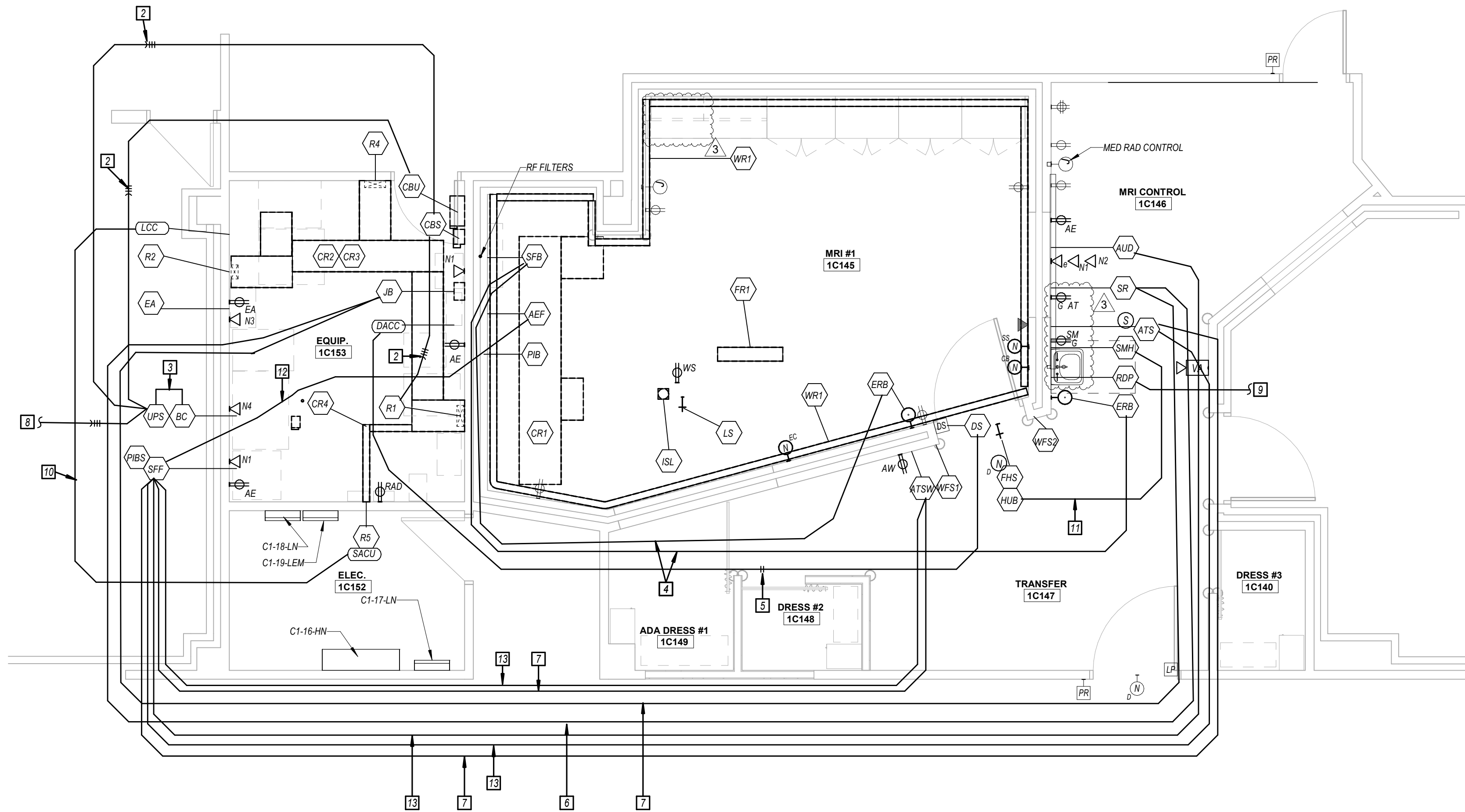
4 TEMPORARY MRI TRAILER ELECTRICAL PLAN
1/8" = 1'-0"

ELECTRICAL POWER GENERAL NOTES

- 1 REFER TO SHEET EX00 FOR GENERAL NOTES. NOT ALL GENERAL NOTES MAY APPLY TO THIS SHEET.
- 2 WORK SHOWN LIGHTLY IS EXISTING TO REMAIN. ALL WORK SHOWN DARK AND DASHED ON DEMOLITION PLANS IS TO BE DISCONNECTED AND REMOVED. NEW WORK IS SHOWN DARK ON NEW WORK PLAN.
- 3 THIS IS A 24 HOUR FACILITY. THEREFORE SOME WORK MAY BE REQUIRED TO BE PERFORMED AFTER HOURS AT NO ADDITIONAL EXPENSE TO OWNER. ALL SHUT DOWNS SHALL BE COORDINATED WITH OWNER.
- 4 ALL SHUT DOWNS SHALL BE COORDINATED WITH OTHER TRADES AND APPROVED BY OWNER.
- 5 OWNER SHALL HAVE RIGHT OF REFUSAL ON ALL LIGHT FIXTURES AND DEVICES BEING REMOVED.
- 6 WHERE EXISTING DEVICES, EQUIPMENT AND LIGHTING CIRCUITS TO REMAIN ARE SHARING CIRCUITS OR DEVICES WHICH ARE TO REMAIN, EXISTING CONDUIT AND WIRING SHALL BE ADAPTED/EXTENDED/MODIFIED AS REQUIRED TO MAINTAIN DEVICES, LIGHTING AND EQUIPMENT. ALL EXISTING CIRCUITS REQUIRE FIELD VERIFICATION AND SHALL BE TRACES FROM SOURCE PANEL TO DEVICES. LIGHT FIXTURES AND EQUIPMENT REQUIRED TO REMAIN. UTILIZE INFORMATION TO PROVIDE ACCURATE UPDATED TYPE-WRITTEN PANEL SCHEDULE.
- 7 CIRCUITS TO RECEPTACLES AND FIXED ELECTRICAL EQUIPMENT IN PATIENT CARE SPACES SHALL BE INSTALLED IN METAL CONDUIT AND GROUNDED TO MEET THE REQUIREMENTS OF 2017 NEC, ARTICLE 517.13.

KEYED NOTES 0

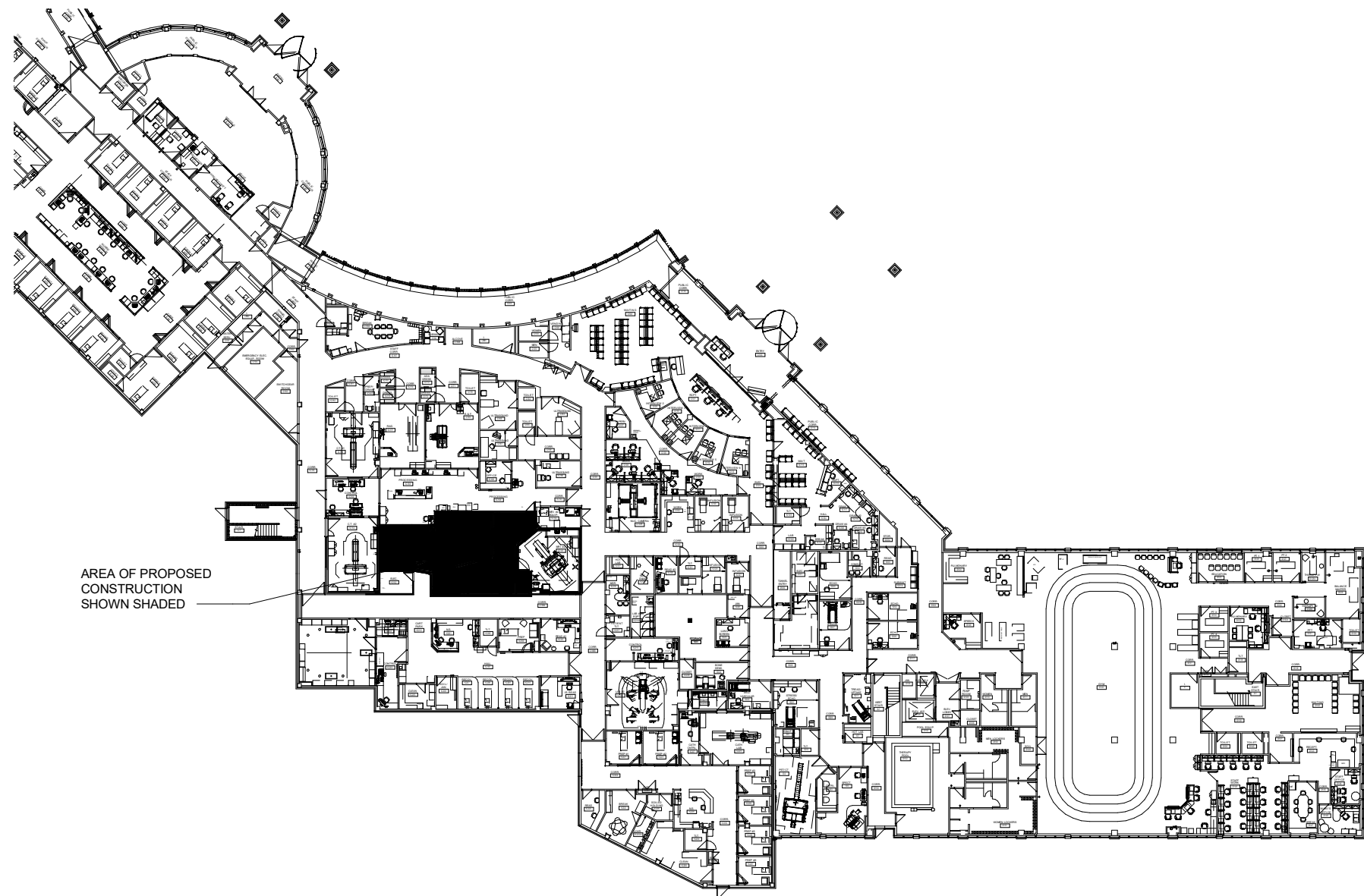
- 1 EXISTING DOOR SWITCH TO REMAIN. DISCONNECT FROM EXISTING EQUIPMENT. REFER TO NEW WORK PLAN FOR RECONNECTION.
- 2 3/4" W, 1/4" GND IN 2".
- 3 (2) 2".
- 4 FURNISH AND INSTALL (1) 3/4" FOR PHILIPS' INSTALLED CABLE.
- 5 FURNISH AND INSTALL (1) 1" C WITH SIGNAL CABLE AS REQUIRED BY PHILIPS.
- 6 FURNISH AND INSTALL (1) 2" C FOR PHILIPS' INSTALLED CABLE.
- 7 FURNISH AND INSTALL (1) 2" C FOR PHILIPS' INSTALLED CABLE.
- 8 UP TO CHILLER ON ROOF. REFER TO SHEET EP2.2 FOR CONTINUATION.
- 9 FURNISH 1" C AND EXTEND UP TO CHILLER ON ROOF FOR PHILIPS' CABLES TO BE INSTALLED BY ELECTRICAL CONTRACTOR. COORDINATE EXACT LOCATION OF (1) C WITH PHILIPS. TO ALLOW FOR INSTALLATION OF SINK.
- 10 FURNISH AND INSTALL (1) 1-1/2" C FOR PHILIPS' INSTALLED CABLE.
- 11 FURNISH AND INSTALL (1) 1-1/2" C FOR PHILIPS' INSTALLED CABLE. (LOCATION OF SINK WITH PHILIPS. TO ALLOW FOR INSTALLATION OF SINK.)
- 12 FURNISH AND INSTALL (1) 2-1/2" C FOR PHILIPS' INSTALLED CABLE.
- 13 FURNISH AND INSTALL (1) 1" C FOR PHILIPS' INSTALLED CABLE.
- 14 DISCONNECT AND REMOVE EXISTING SWITCH IN PANEL AND REPLACE WITH NEW 150A, 3P SWITCH WITH 125A FUSING TO SERVE NEW LOAD. SWITCH SHALL BE CAPABLE OF BEING LOCKED IN OFF POSITION.
- 15 ALL CIRCUITS WITHIN MRI ROOM SHALL PASS THROUGH RF FILTERS.
- 16 REFEED EXISTING ROOM RECEPTACLES.
- 17 EXTEND AND CONNECT TO EXISTING SWITCH. FURNISH AND INSTALL NEW 15A FUSING FOR SWITCH.
- 18 FURNISH AND INSTALL 30A NON-FUSED DISCONNECT SWITCH.
- 19 UP TO CONDENSING UNIT ON ROOF. REFER TO PARTIAL ROOF ELECTRICAL PLAN ON SHEET EP2.2 FOR CONTINUATION.
- 20 FURNISH TEMPORARY INSTALLATION OF TWO (2) TELEPHONE HUBBEL PH-6595, TWO (2) MODERN HUBBEL PH-6595, AND ONE (1) DATA CAT5. LEVITON 41108-RWS WEATHERPROOF DROPS.
- 21 FURNISH TEMPORARY INSTALLATION OF RUSSELLSTOLL OF 204FRAB RECEPTACLE FOR MOBILE MRI CONNECTION. REFER TO VENDOR DRAWINGS FOR ADDITIONAL INSTALLATION INFORMATION.
- 22 8' LONG, 3/4" DIAMETER GALVANIZED STEEL GROUNDING ELECTRODE ROD INSTALLED WITHIN GRADE THAT IS EXPOSED TO WEATHER AND LOCATED WITHIN 4' OF SERVICE DISCONNECT SWITCH. EXTEND #10 BARE COPPER GROUND FROM NEW DRIVEN GROUND ROD TO DISCONNECT SWITCH GROUND STUD AND #8 BARE COPPER GROUND FROM GROUND ROD TO TRAILER GROUND LUG. REFER TO MOBILE MRI VENDOR DRAWINGS FOR ADDITIONAL INFORMATION.
- 23 FURNISH TEMPORARY INSTALLATION OF 200A, 3P, WEATHERPROOF DISCONNECT SWITCH FUSED AT 150A.
- 24 44" W, 1-1/2" GROUND IN 2".



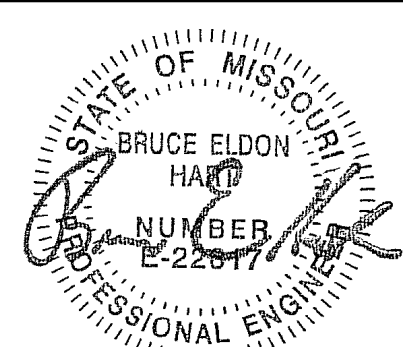
3 FIRST FLOOR ELECTRICAL PLAN
1/4" = 1'-0"

NOTES

- 1 REFER TO PHILIPS SITE SPECIFIC DRAWINGS FOR ALL INTERCONNECTING CABLING, CONDUIT AND WIRING. DESCRIPTION OF ITEMS TO BE FURNISHED BY ELECTRICAL CONTRACTOR AND DESCRIPTION OF THE SYMBOLS WHICH APPLY TO THIS PROJECT.
- 2 ALL DEVICES AND CABLING WITHIN THE MRI ROOM MUST BE NON-FERROUS FOR USE IN MRI ENVIRONMENT.
- 3 ALL CONDUIT AND DEVICES MUST BE INSTALLED IN STRICT COMPLIANCE WITH REQUIREMENTS AS SPECIFIED ON PHILIPS DRAWINGS. ALL DEVICE MOUNTING HEIGHTS TO BE COORDINATED WITH PHILIPS SITE SPECIFIC DRAWINGS.
- 4 ALL CONDUIT RUNS MUST TAKE THE MOST DIRECT ROUTE AND MUST BE FURNISHED WITH PULL STRINGS.
- 5 NOT ALL WORK REQUIRED BY THE ELECTRICAL CONTRACTOR IS SHOWN ON THESE DRAWINGS. ELECTRICAL CONTRACTOR SHALL FURNISH AND/OR INSTALL ALL DEVICES, PATHWAYS AND CABLING AS SPECIFIED ON THE PHILIPS DRAWINGS.



KeyPlan
SCALE: N.T.S.



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Date April 17, 2020
Job Number 3-20037
Drawn By LLD
Checked By BEH

Number	Date	Description
2	7.29.20	PR 01
3	8.03.20	CITY COMMENTS

EP2.1

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ELECTRICAL PLANS