

# University of Missouri Teaching Hospital

## Ambulatory Surgery Unit Lab Space - Laboratory Furniture System Procurement Package

1 Hospital Drive  
Columbia, Missouri

February 22, 2018

### GENERAL

G0.00a Title Sheet & Drawing Index

### LABORATORY FURNISHINGS

LF0.21a Laboratory Casework Schedules & Elevations  
LF1.10a Second Floor Laboratory Orientation Plan  
LF1.11a Enlarged Laboratory Plan & Elevations  
LF1.12a Enlarged Laboratory Plan & Elevations  
LF1.13a Enlarged Laboratory Plan & Elevations  
LF1.14a Enlarged Laboratory Plan & Elevations  
LF1.15a Enlarged Laboratory Plan & Elevations  
LF1.16a Enlarged Laboratory Plan & Elevations

University of Missouri  
Teaching Hospital  
Ambulatory Surgery Unit  
Lab Space - Laboratory  
Furniture System  
Procurement Package

1 Hospital Drive  
Columbia, MO 65201

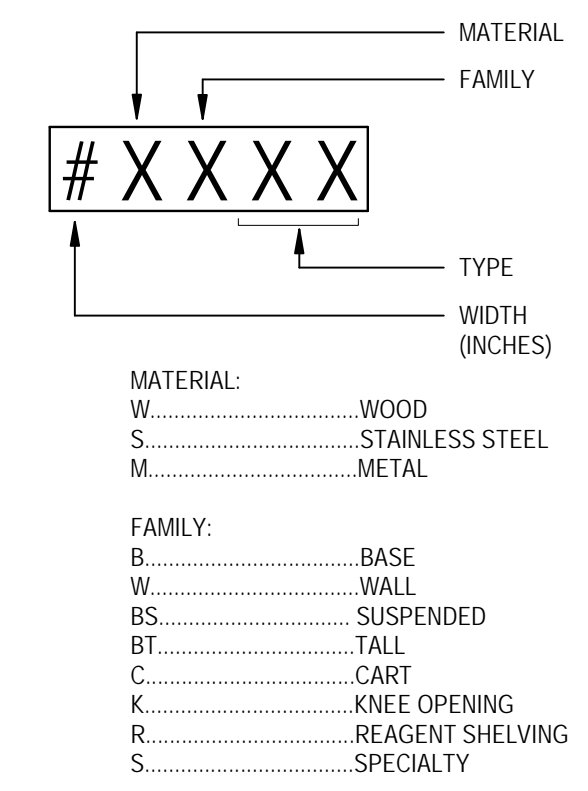
TCEP No.: 624-146-17  
UM Project: CP171051

February 22, 2018

Title Sheet & Drawing  
Index

# G0.00a

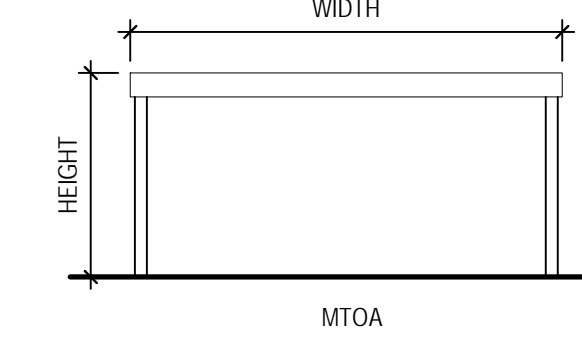
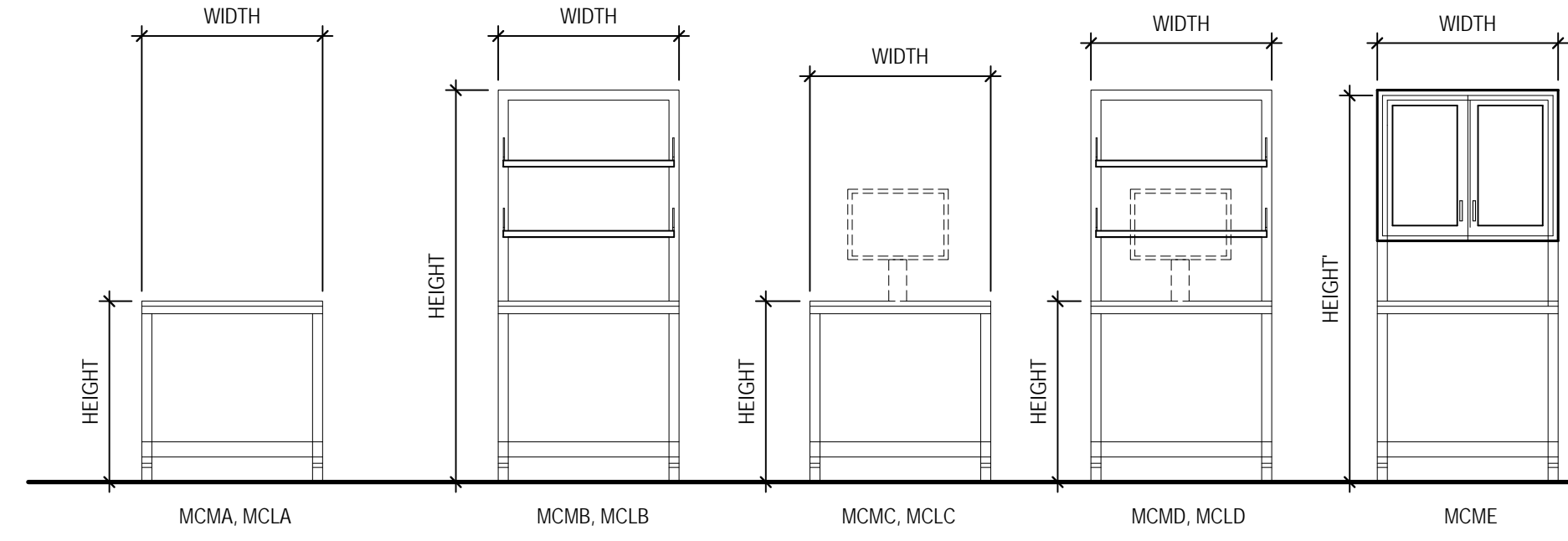
CASEWORK TAG DESCRIPTION



CASEWORK SHALL BE CHOSEN FROM APPROVED CASEWORK MANUFACTURER'S STANDARD MODELS THAT MOST CLOSELY APPROXIMATE THE ARRANGEMENT SHOWN.  
ALL CASEWORK DIMENSIONS ARE NOMINAL.  
REFERENCE CASEWORK SCHEDULES FOR CASEWORK TAGS AND DESCRIPTIONS.

NOTE:

1. PROVIDE & INSTALL HOOK AND LOOP CABLE MANAGEMENT STRAPS (LEVITON 4315 OR SIMILAR) @ 1'-0" MAX SPACING FOR POWER & DATA CABLE RUNNING ACROSS THE TOP BAR OF CARTS: MCMC, MCLA, MCMC, MCLD, MCMC.
2. PROVIDE & INSTALL HOOK AND LOOP CABLE MANAGEMENT STRAPS (LEVITON 4315 OR SIMILAR) @ 1'-0" MAX SPACING FOR POWER & DATA CABLE RUNNING ACROSS THE BOTTOM BAR OF CARTS: MCMC, MCLA, MCMC.
3. PROVIDE (FLEXI CABLE WRAP UTW-FCW) FOR FULL LENGTH OF DATA CABLE BUNDLE RUNNING ACROSS THE TOP OF THE CART FRAME AND UP TO THE CEILING PANEL FOR CARTS: MCMC, MCLB, MCMC, MCLD, MCMC.
4. PROVIDE (FLEXI CABLE WRAP UTW-FCW) FOR FULL LENGTH OF DATA CABLE BUNDLE RUNNING ACROSS THE BOTTOM BAR OF CARTS: MCMC, MCLA.



MC - LAB MOBILE CART

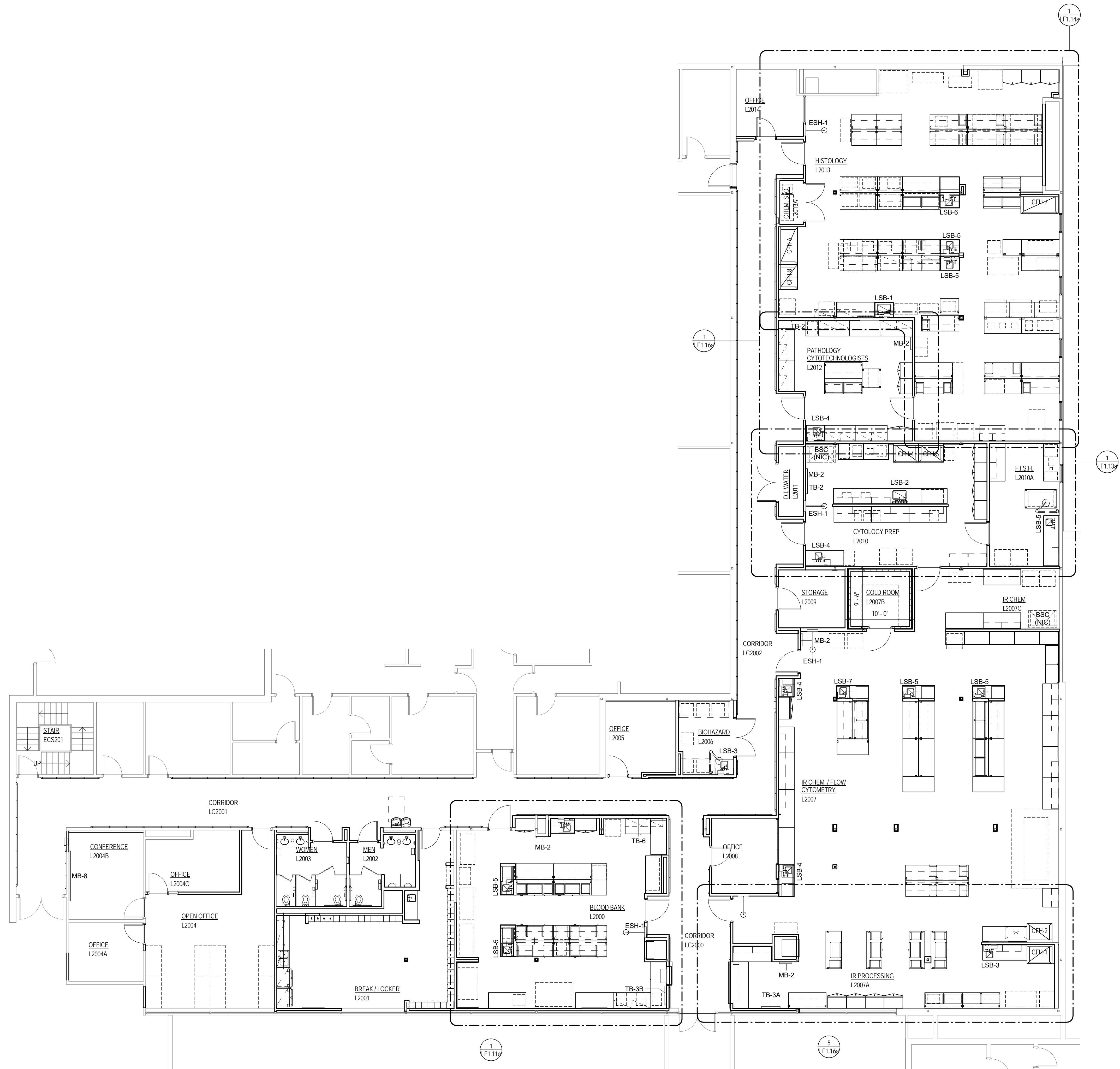
TAG	WIDTH	HEIGHT	DESCRIPTION
24MCLA	2'-0"	2'-5"	30" DEEP MOBILE METAL LABORATORY CART
30MCLB	2'-6"	2'-5"	30" DEEP MOBILE METAL LABORATORY CART WITH ADJUSTABLE UPPER REAGENT SHELVING. PROVIDE POWER CABLE WITH TWIST LOCK PLUG UP TO CEILING SERVICE PANEL AND DOWN TO (2) DUPLEX OUTLETS AT LEFT VERTICAL SUPPORT. PROVIDE (2) DUPLEX DATA KNOCKOUTS AT RIGHT VERTICAL SUPPORT.
36MCLA-1	3'-0"	2'-5"	30" DEEP MOBILE METAL LABORATORY CART WITH ELECTRICAL PEDESTALS.
36MCLA	3'-0"	2'-11"	30" DEEP MOBILE METAL LABORATORY CART
36MCLB	3'-0"	2'-11"	30" DEEP MOBILE METAL LABORATORY CART WITH ADJUSTABLE UPPER REAGENT SHELVING. PROVIDE POWER CABLE WITH TWIST LOCK PLUG UP TO CEILING SERVICE PANEL AND DOWN TO (2) DUPLEX OUTLETS AT LEFT VERTICAL SUPPORT. PROVIDE (2) DUPLEX DATA KNOCKOUTS AT RIGHT VERTICAL SUPPORT.
42MCMC	3'-6"	2'-11"	30" DEEP MOBILE METAL LABORATORY CART WITH MONITOR ARM ATTACHMENT (OPPO)
48MCLA-1	4'-0"	2'-5"	30" DEEP MOBILE METAL LABORATORY CART WITH ELECTRICAL PEDESTALS.
48MCLB	4'-0"	2'-5"	30" DEEP MOBILE METAL LABORATORY CART WITH MONITOR ARM ATTACHMENT (OPPO)
48MCLC	4'-0"	2'-5"	30" DEEP MOBILE METAL LABORATORY CART WITH MONITOR ARM ATTACHMENT (OPPO)
48MCLA	4'-0"	2'-11"	30" DEEP MOBILE METAL LABORATORY CART
48MCLB	4'-0"	2'-11"	30" DEEP MOBILE METAL LABORATORY CART WITH ADJUSTABLE UPPER REAGENT SHELVING. POWER/DATA TO BE PROVIDED VIA OVERHEAD CEILING SERVICE PANEL. PROVIDE (4) ELECTRICAL OUTLETS ON LEFT VERTICAL SUPPORT & (2) DATA OUTLETS ON RIGHT VERTICAL SUPPORT.
48MCLB(D)	4'-0"	2'-11"	30" DEEP MOBILE METAL LABORATORY CART WITH ADJUSTABLE UPPER REAGENT SHELVING. POWER/DATA TO BE PROVIDED VIA OVERHEAD CEILING SERVICE PANEL. PROVIDE (4) ELECTRICAL OUTLETS ON LEFT VERTICAL SUPPORT & (2) DATA OUTLETS ON RIGHT VERTICAL SUPPORT.
48MCMC	4'-0"	2'-11"	30" DEEP MOBILE METAL LABORATORY CART WITH MONITOR ARM ATTACHMENT (OPPO)
48MCLM	4'-0"	2'-11"	30" DEEP MOBILE METAL LABORATORY CART WITH UPPER REAGENT CABINETS WITH SLIDING GLASS DOORS. POWER/DATA TO BE PROVIDED VIA OVERHEAD CEILING SERVICE PANEL. PROVIDE (4) ELECTRICAL OUTLETS ON LEFT VERTICAL SUPPORT & (2) DATA OUTLETS ON RIGHT VERTICAL SUPPORT.
60MCLB	5'-0"	2'-5"	30" DEEP MOBILE METAL LABORATORY CART WITH MONITOR ARM ATTACHMENT (OPPO)
60MCLC	5'-0"	2'-5"	30" DEEP MOBILE METAL LABORATORY CART WITH MONITOR ARM ATTACHMENT (OPPO)
60MCLA	5'-0"	2'-11"	30" DEEP MOBILE METAL LABORATORY CART
60MCLB	5'-0"	2'-11"	30" DEEP MOBILE METAL LABORATORY CART
66MCLA	5'-6"	2'-11"	30" DEEP MOBILE METAL LABORATORY CART
72MCLA	6'-0"	2'-5"	30" DEEP MOBILE METAL LABORATORY CART
72MCLA-1	6'-0"	2'-5"	30" DEEP MOBILE METAL LABORATORY CART WITH ELECTRICAL PEDESTALS.
72MCLB	6'-0"	2'-5"	30" DEEP MOBILE METAL LABORATORY TABLE WITH ADJUSTABLE UPPER REAGENT SHELVING
72MCLC	6'-0"	2'-5"	30" DEEP MOBILE METAL LABORATORY CART WITH MONITOR ARM ATTACHMENT (OPPO)
72MCLD	6'-0"	2'-5"	30" DEEP MOBILE METAL LABORATORY CART WITH ADJUSTABLE UPPER REAGENT SHELVING. PROVIDE POWER CABLE WITH TWIST LOCK PLUG UP TO CEILING SERVICE PANEL AND DOWN TO (2) DUPLEX OUTLETS AT LEFT VERTICAL SUPPORT. PROVIDE (2) DUPLEX DATA KNOCKOUTS AT RIGHT VERTICAL SUPPORT.
72MCLA	6'-0"	2'-11"	30" DEEP MOBILE METAL LABORATORY CART
72MCLA-1	6'-0"	2'-11"	30" DEEP MOBILE METAL LABORATORY CART WITH ELECTRICAL PEDESTALS.
72MCLB	6'-0"	2'-11"	30" DEEP MOBILE METAL LABORATORY CART WITH ADJUSTABLE UPPER REAGENT SHELVING. PROVIDE POWER CABLE WITH TWIST LOCK PLUG UP TO CEILING SERVICE PANEL AND DOWN TO (2) DUPLEX OUTLETS AT LEFT VERTICAL SUPPORT. PROVIDE (2) DUPLEX DATA KNOCKOUTS AT RIGHT VERTICAL SUPPORT.
72MCLC	6'-0"	2'-11"	30" DEEP MOBILE METAL LABORATORY CART WITH MONITOR ARM ATTACHMENT (OPPO)
72MCLD	6'-0"	2'-11"	30" DEEP MOBILE METAL LABORATORY CART WITH ADJUSTABLE UPPER REAGENT SHELVING. PROVIDE POWER CABLE WITH TWIST LOCK PLUG UP TO CEILING SERVICE PANEL AND DOWN TO (2) DUPLEX OUTLETS AT LEFT VERTICAL SUPPORT. PROVIDE (2) DUPLEX DATA KNOCKOUTS AT RIGHT VERTICAL SUPPORT.
72MCLA	6'-0"	2'-11"	30" DEEP MOBILE METAL LABORATORY CART WITH ADJUSTABLE UPPER REAGENT SHELVING. PROVIDE POWER CABLE WITH TWIST LOCK PLUG UP TO CEILING SERVICE PANEL AND DOWN TO (2) DUPLEX OUTLETS AT LEFT VERTICAL SUPPORT. PROVIDE (2) DUPLEX DATA KNOCKOUTS AT RIGHT VERTICAL SUPPORT.

MCS - LAB MOBILE CART SUSPENDED CABINET

TAG	WIDTH	HEIGHT	DESCRIPTION
15MCHD	1'-3"	2'-1"	MOBILE CART SUSPENDED BASE CABINET WITH (2) DRAWERS & (1) FILE DRAWER
15MCHK	1'-3"	2'-1"	MOBILE CART SUSPENDED BASE CABINET CPU HOLDER
18MBLU	1'-6"	2'-6"	MOBILE CART SUSPENDED BASE CABINET WITH (2) DRAWERS & (1) FILE DRAWER & PULL OUT WRITING TABLE.
18MFC	1'-6"	2'-1"	MOBILE CART SUSPENDED BASE CABINET WITH 2 LARGE DRAWERS
18MCHA	1'-6"	2'-1"	MOBILE CART SUSPENDED BASE CABINET WITH (1) DRAWER OVER CUPBOARD WITH ONE ADJUSTABLE SHELF.
18MCHD	1'-6"	2'-1"	MOBILE CART SUSPENDED BASE CABINET WITH (2) DRAWERS & (1) FILE DRAWER
18MCHD	1'-6"	4"	MOBILE CART SUSPENDED BASE CABINET WITH (1) DRAWER
21MFC	1'-9"	2'-1"	MOBILE CART SUSPENDED BASE CABINET WITH 2 LARGE DRAWERS
24MOC	2'-0"	2'-1"	MOBILE CART SUSPENDED BASE CABINET OPEN CABINET WITH SLIDE OUT BOTTOM SHELF.
30MCKT	2'-6"	4"	KEYBOARD TRAY (OWNER PROVIDED & INSTALLED)
30MCKT	2'-6"	4"	PULL-OUT WRITING TABLE
36MCHA	3'-0"	2'-1"	MOBILE CART SUSPENDED BASE CABINET WITH (2) DRAWERS OVER CUPBOARD WITH ONE ADJUSTABLE SHELF.
36MCHD	3'-0"	2'-1"	MOBILE CART SUSPENDED BASE CABINET WITH (3) EQUALLY SPACED DRAWERS
36MCHD	3'-0"	2'-1"	MOBILE CART SUSPENDED BASE CABINET WITH OPEN SHELVING AND ONE ADJUSTABLE SHELF.
36MCHD	3'-0"	2'-1"	MOBILE CART SUSPENDED BASE CABINET WITH OPEN SHELVING AND ONE ADJUSTABLE SHELF.
36MWLD	3'-0"	2'-6"	13" DEEP WALL MOUNTED METAL CABINET W/ SLIDING GLAZED DOORS, (2) ADJUSTABLE SHELVES AND STAINLESS STEEL WIRE PULLS
48MCHA	4'-0"	2'-1"	MOBILE CART SUSPENDED BASE CABINET WITH (2) DRAWERS OVER CUPBOARD WITH ONE ADJUSTABLE SHELF.
48MCHD	4'-0"	2'-1"	MOBILE CART SUSPENDED BASE CABINET WITH OPEN SHELVING AND ONE ADJUSTABLE SHELF.
48MWLD	4'-0"	2'-6"	13" DEEP WALL MOUNTED METAL CABINET W/ SLIDING GLAZED DOORS, (2) ADJUSTABLE SHELVES AND STAINLESS STEEL WIRE PULLS

MT - LAB METAL TABLE

TAG	WIDTH	HEIGHT	DESCRIPTION
36MTOA	3'-0"	3'-0"	36" DEEP METAL TABLE
60MTOB	5'-0"	3'-0"	33" DEEP METAL TABLE WITH OPEN SHELF BELOW



**1 SECOND FLOOR LABORATORY PLAN**  
SCALE: 1/8" = 1'-0"

**University of Missouri  
Teaching Hospital  
Ambulatory Surgery Unit  
Lab Space - Laboratory  
Furniture System  
Procurement Package**

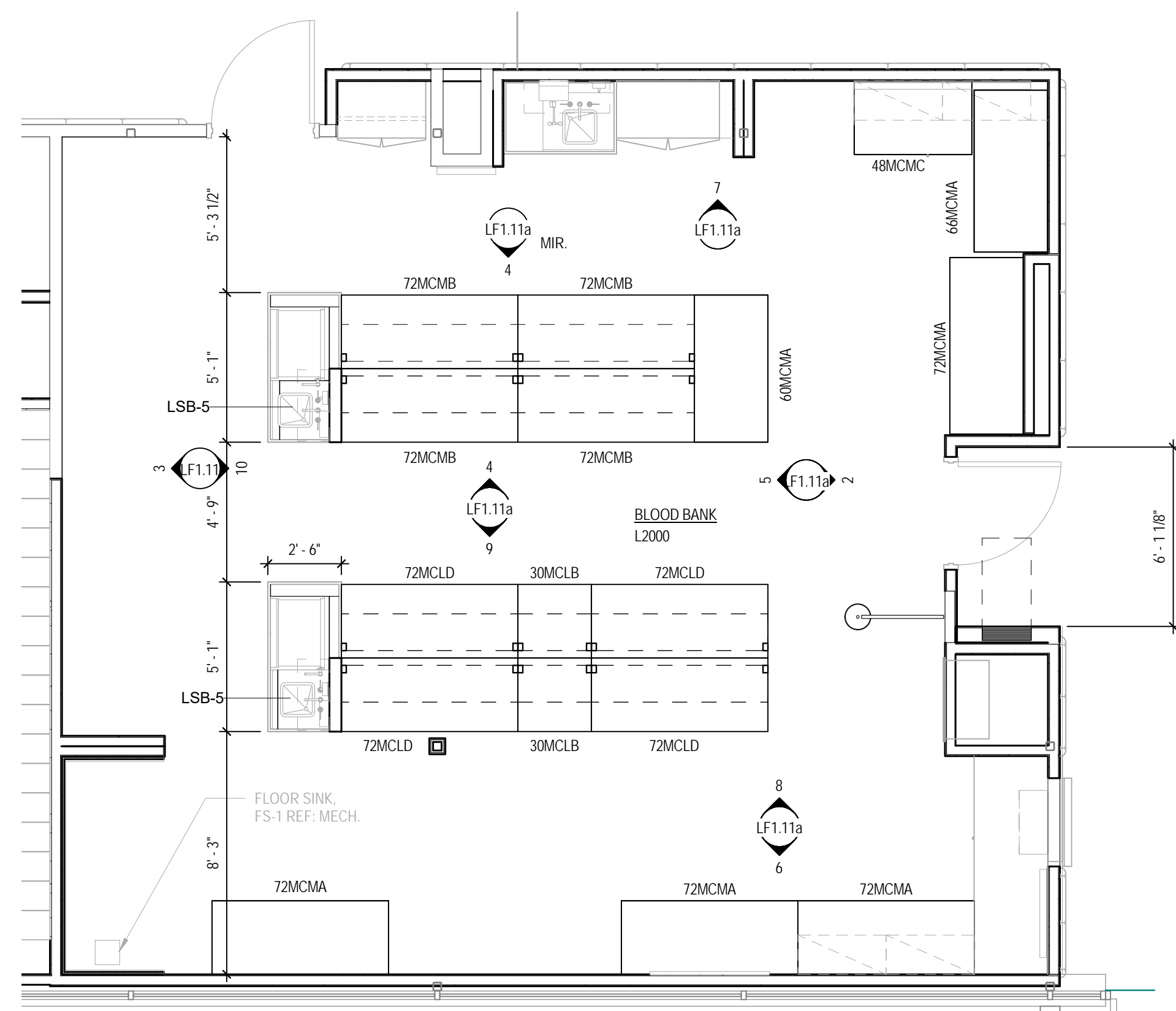
1 Hospital Drive  
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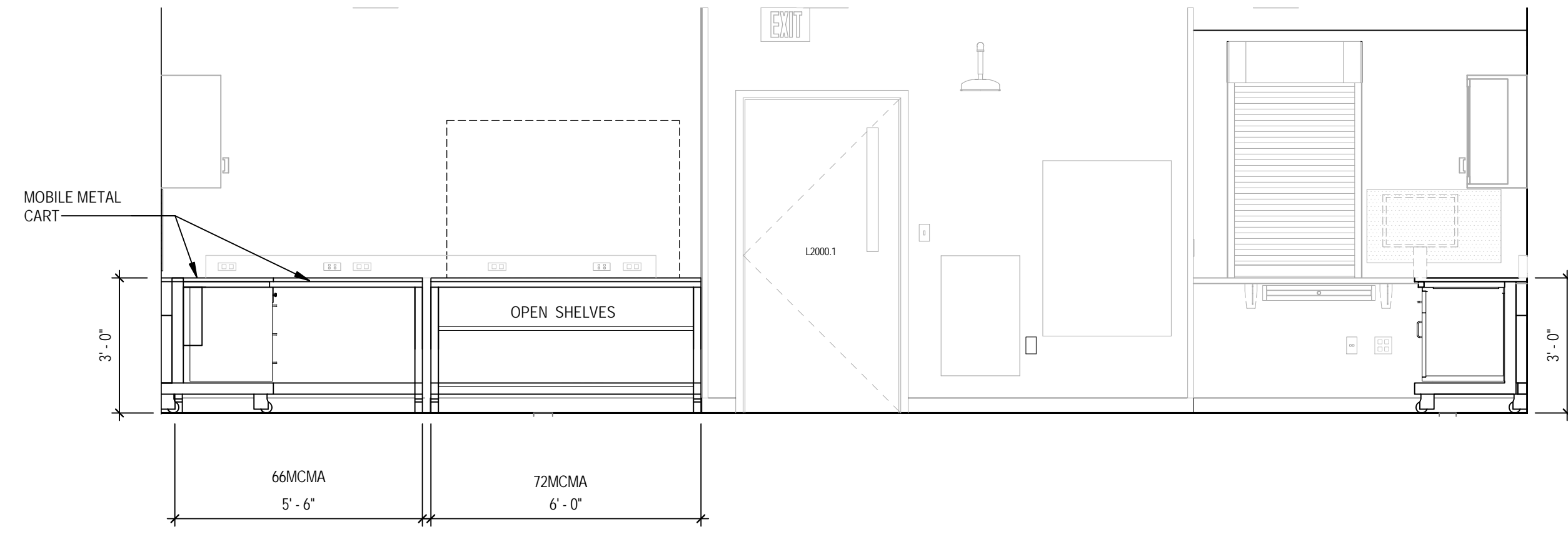
February 22, 2018

Second Floor Laboratory  
Orientation Plan

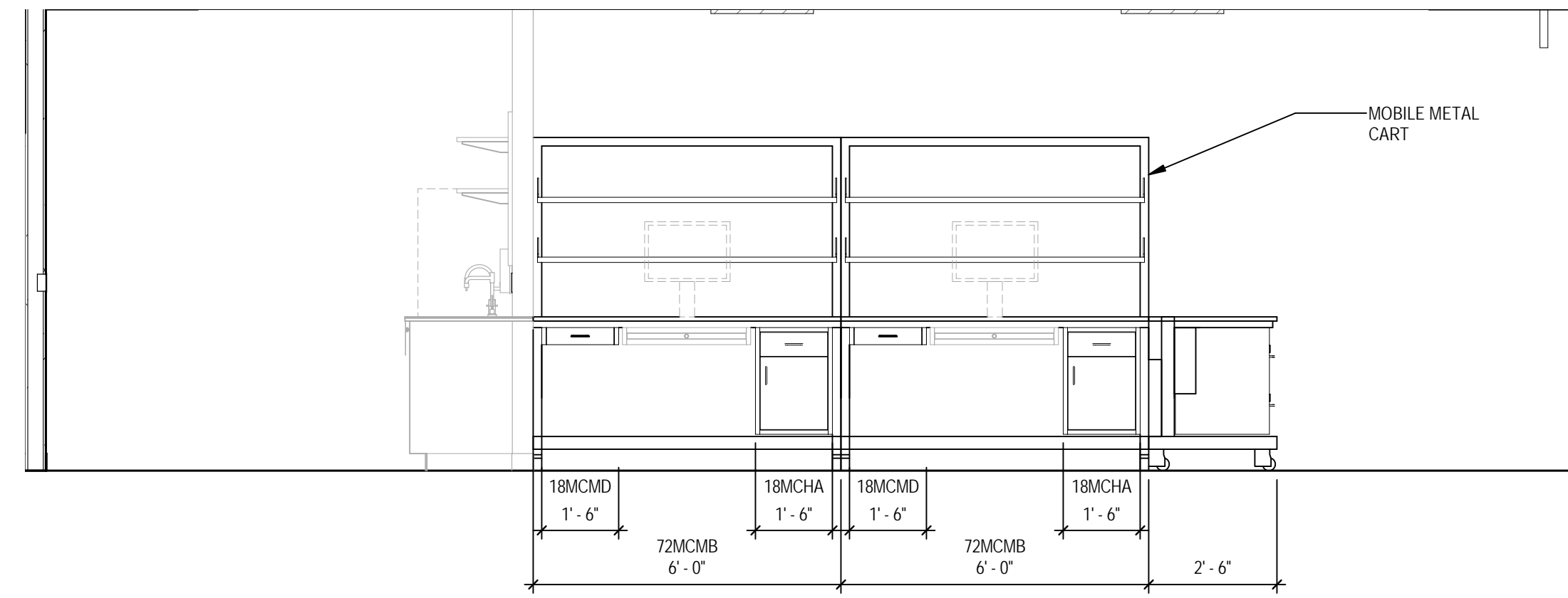
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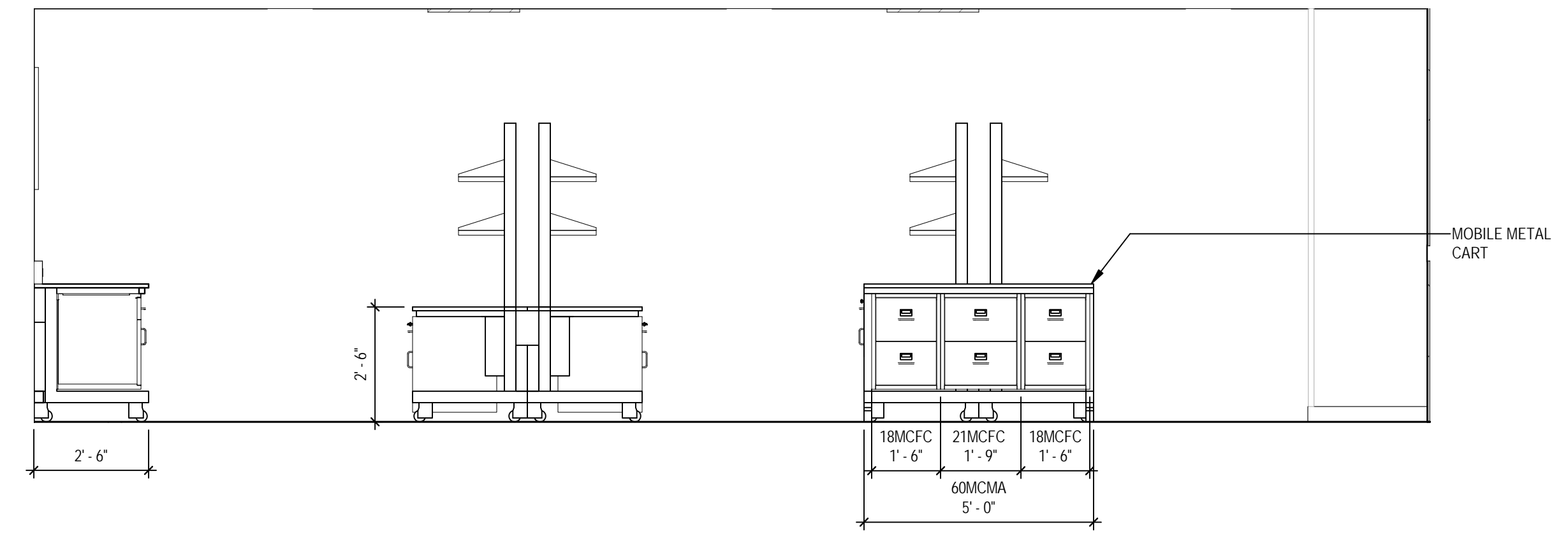
**1 BLOOD BANK ENLARGED LABORATORY PLAN**  
SCALE: 1/4" = 1'-0"



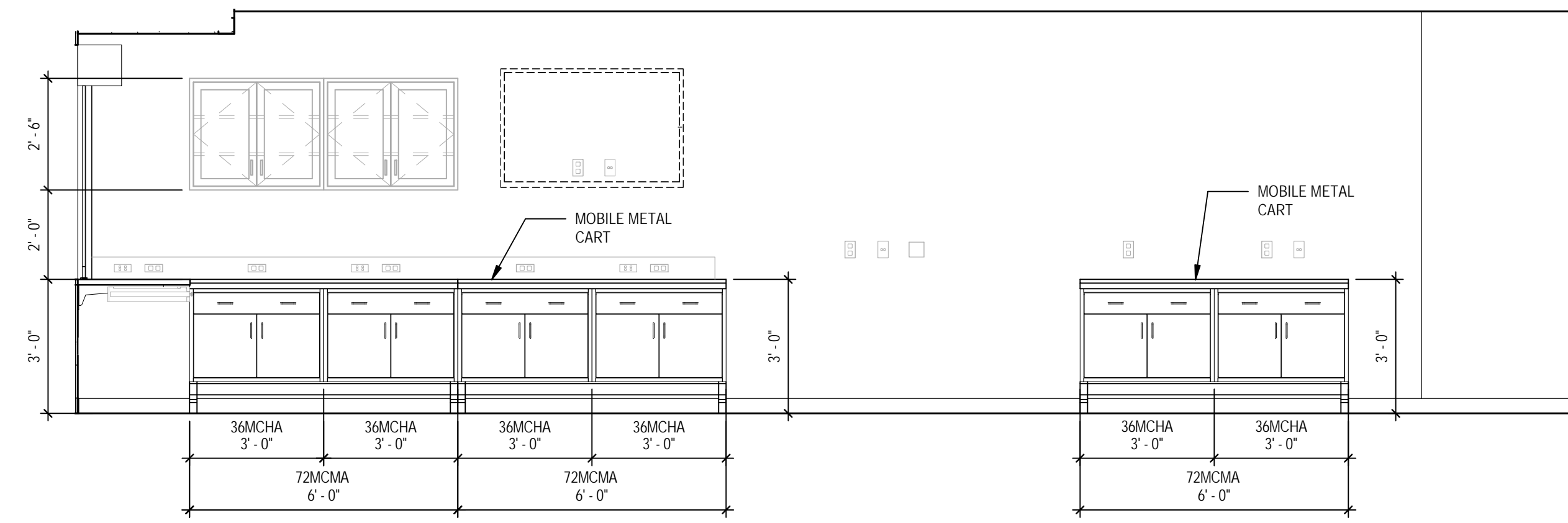
**2 BLOOD BANK - ELEVATION**  
SCALE: 3/8" = 1'-0"



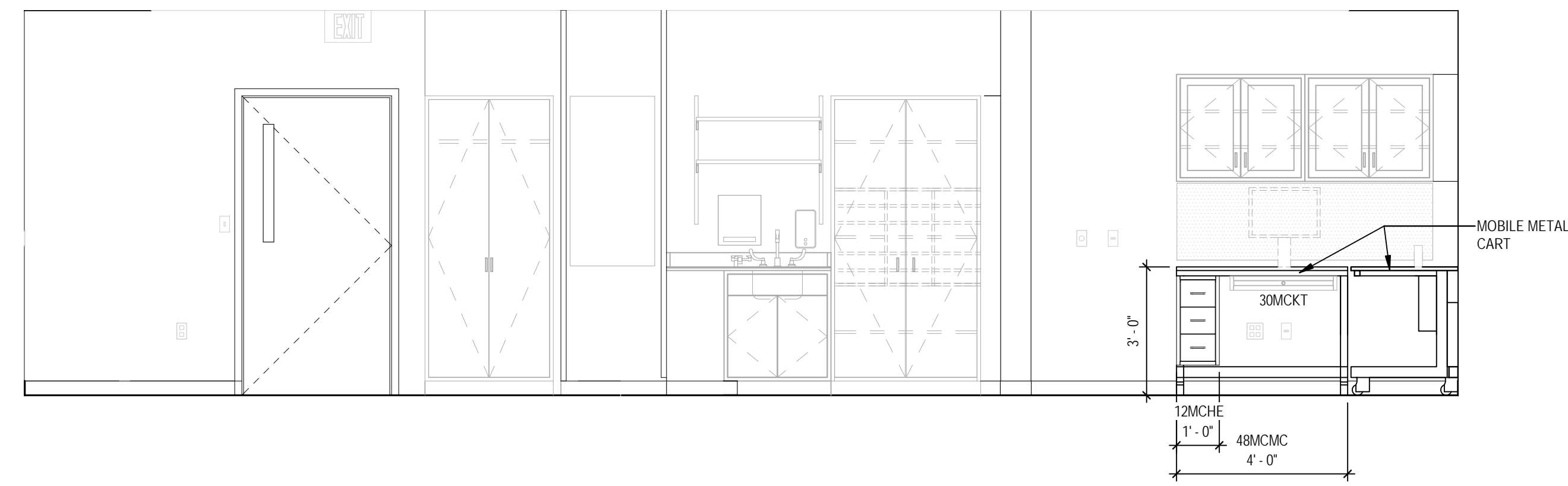
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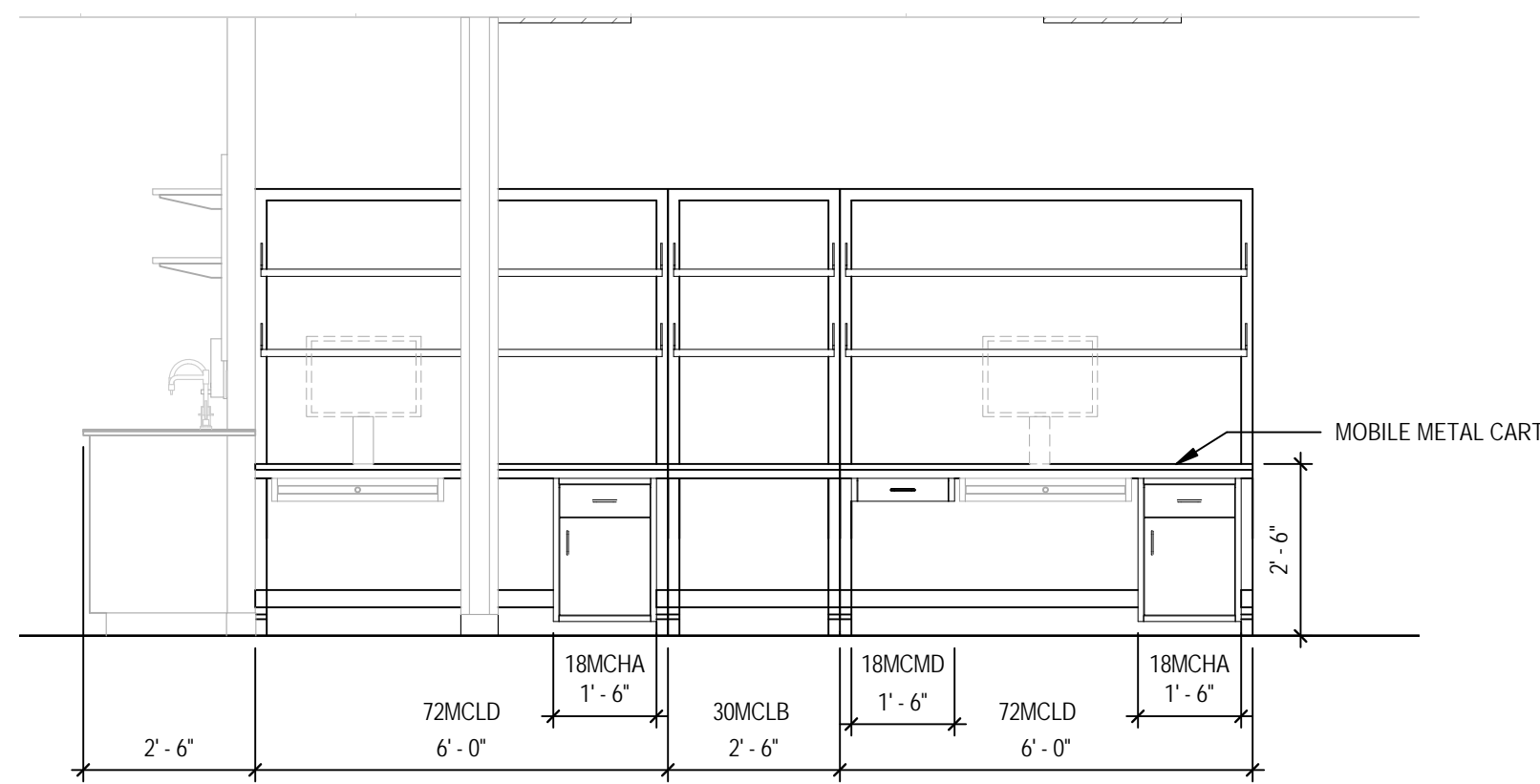
**5 BLOOD BANK - ELEVATION**  
SCALE: 3/8" = 1'-0"



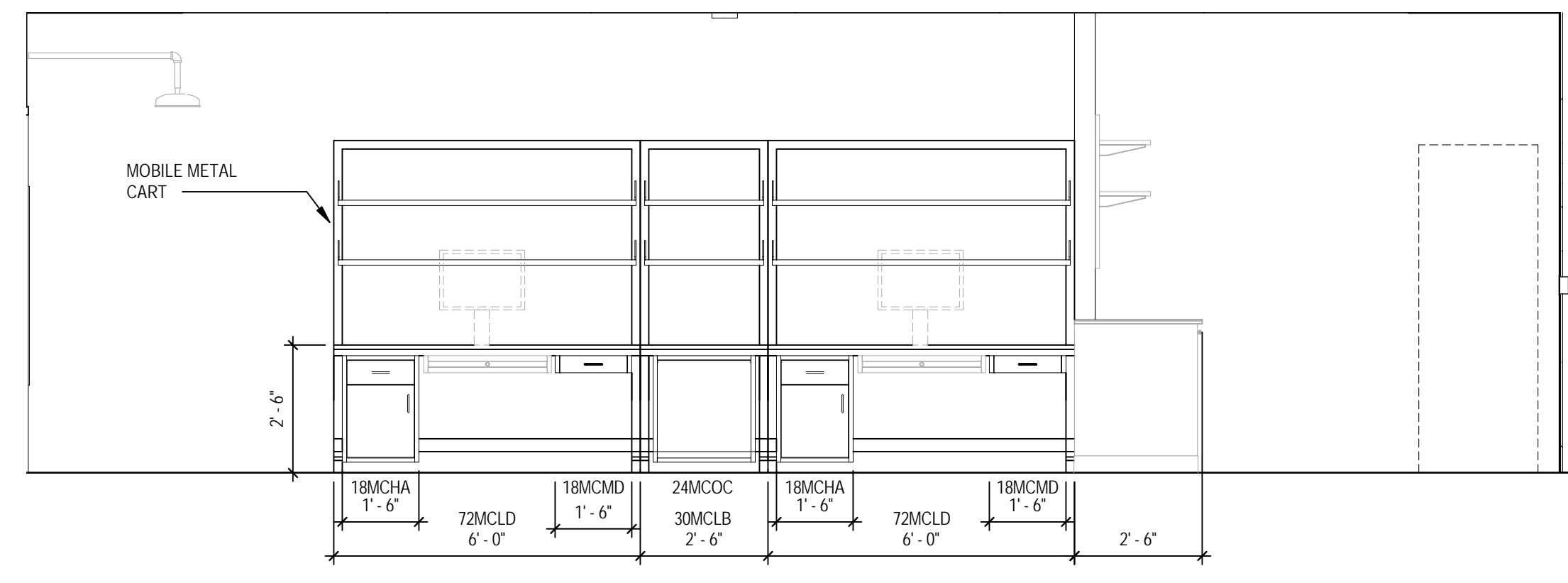
**6 BLOOD BANK - ELEVATION**  
SCALE: 3/8" = 1'-0"



**7 BLOOD BANK - ELEVATION**  
SCALE: 3/8" = 1'-0"



**8 BLOOD BANK - ELEVATION**  
SCALE: 3/8" = 1'-0"



**9 BLOOD BANK - ELEVATION**  
SCALE: 3/8" = 1'-0"

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Ambulatory Surgery Unit  
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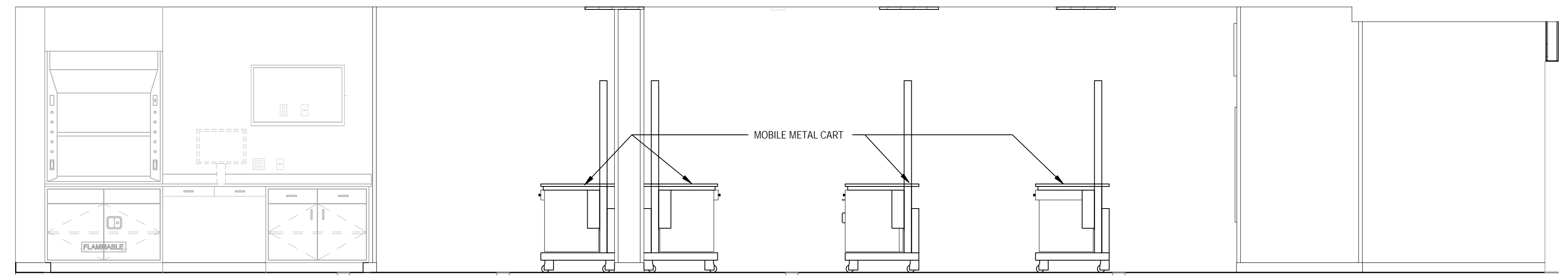
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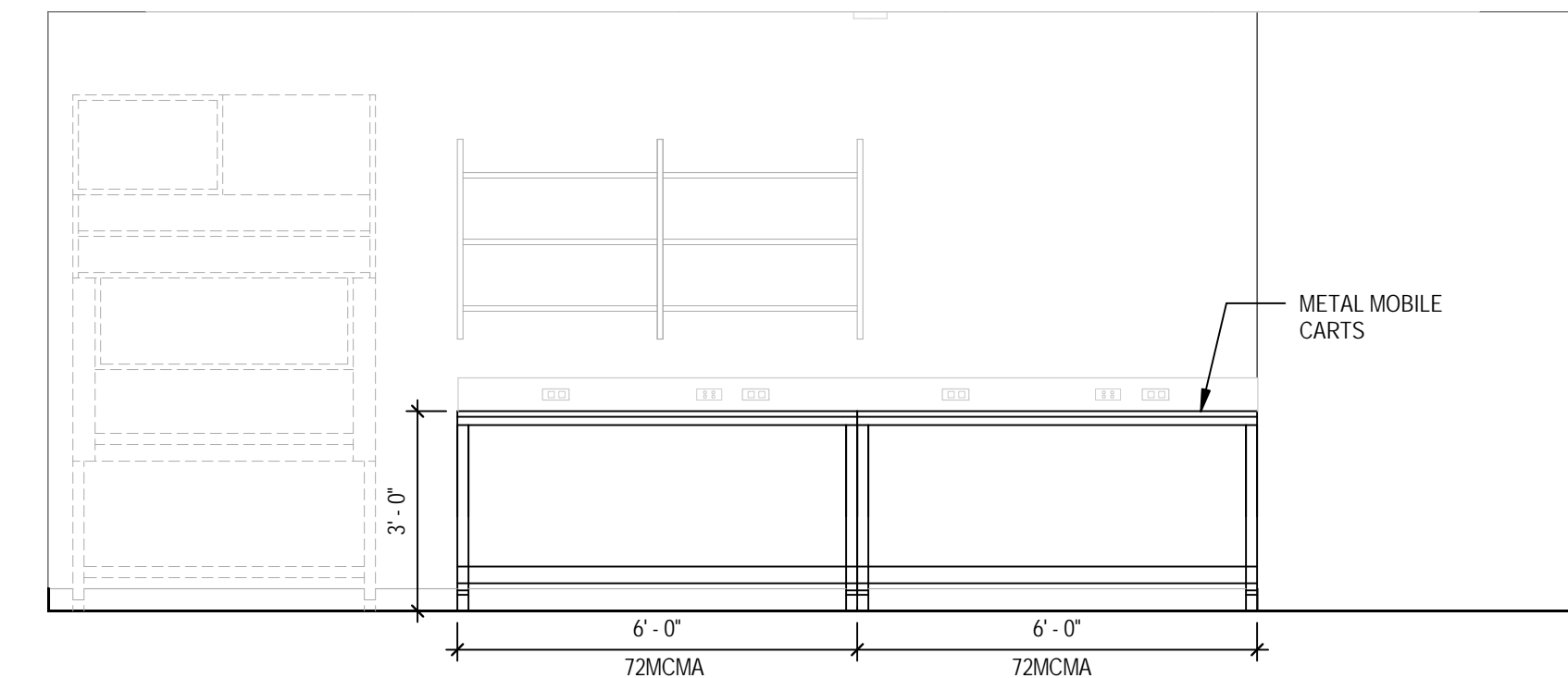
February 22, 2018

Enlarged Laboratory  
Plan & Elevations

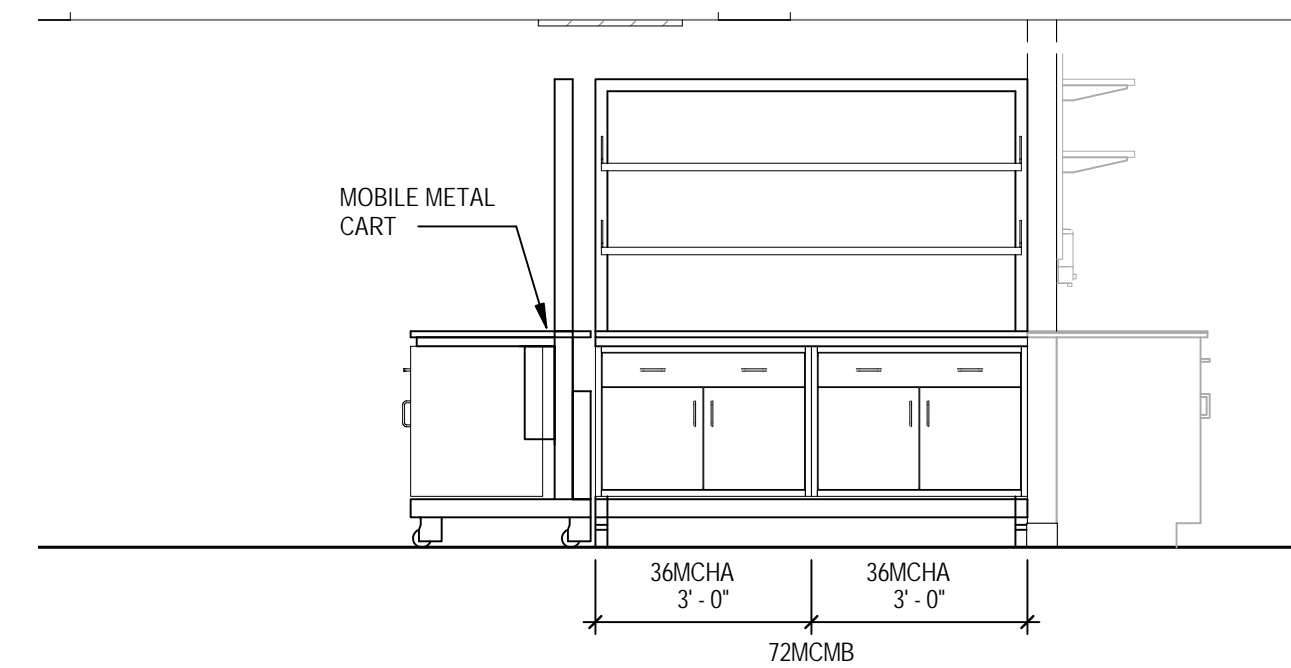
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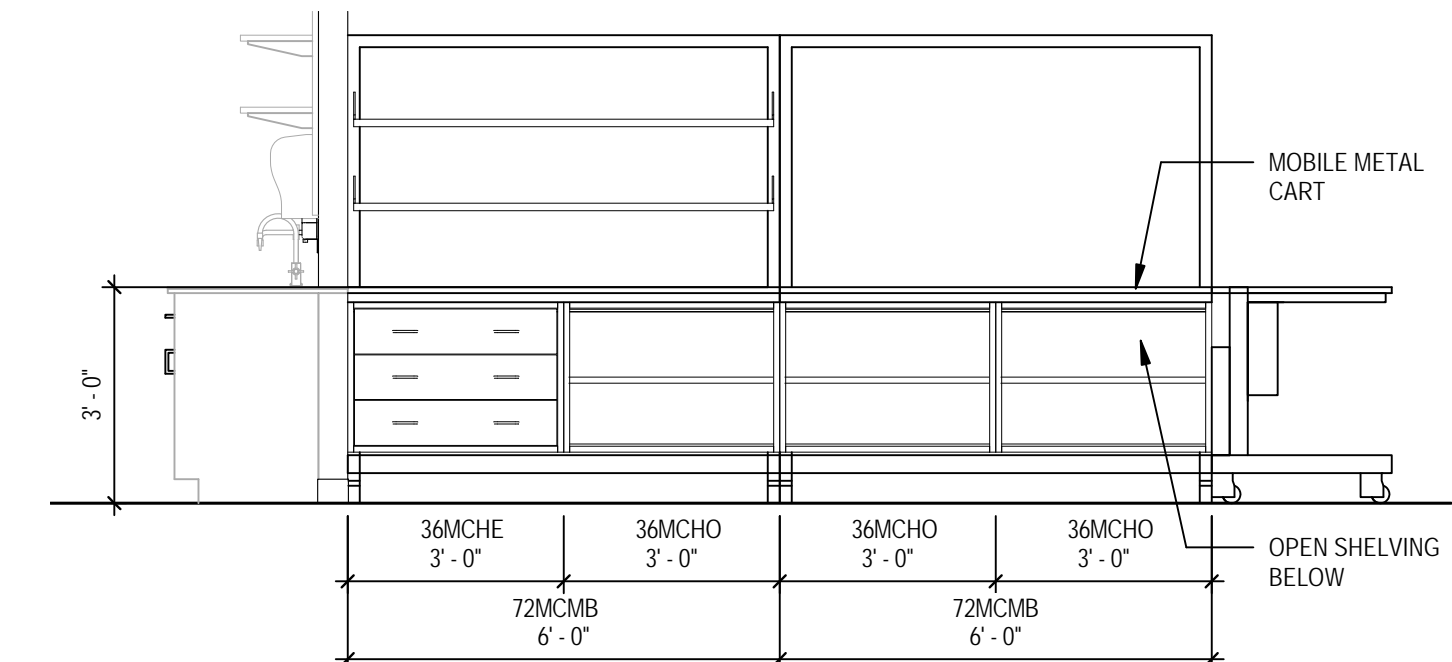
**2 IR CHEMISTRY - ELEVATION**  
 SCALE: 3/8" = 1'-0"



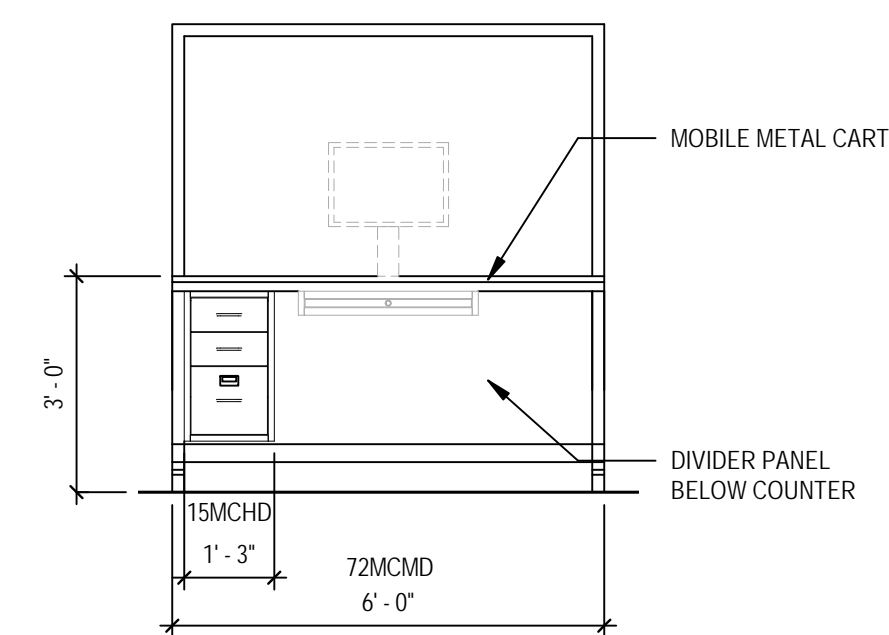
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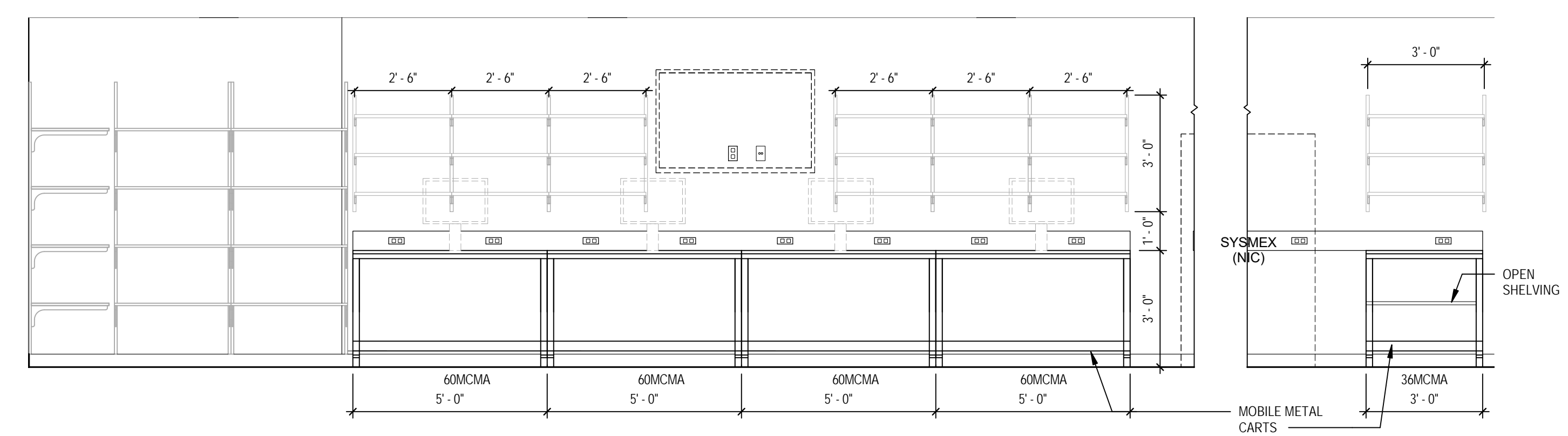
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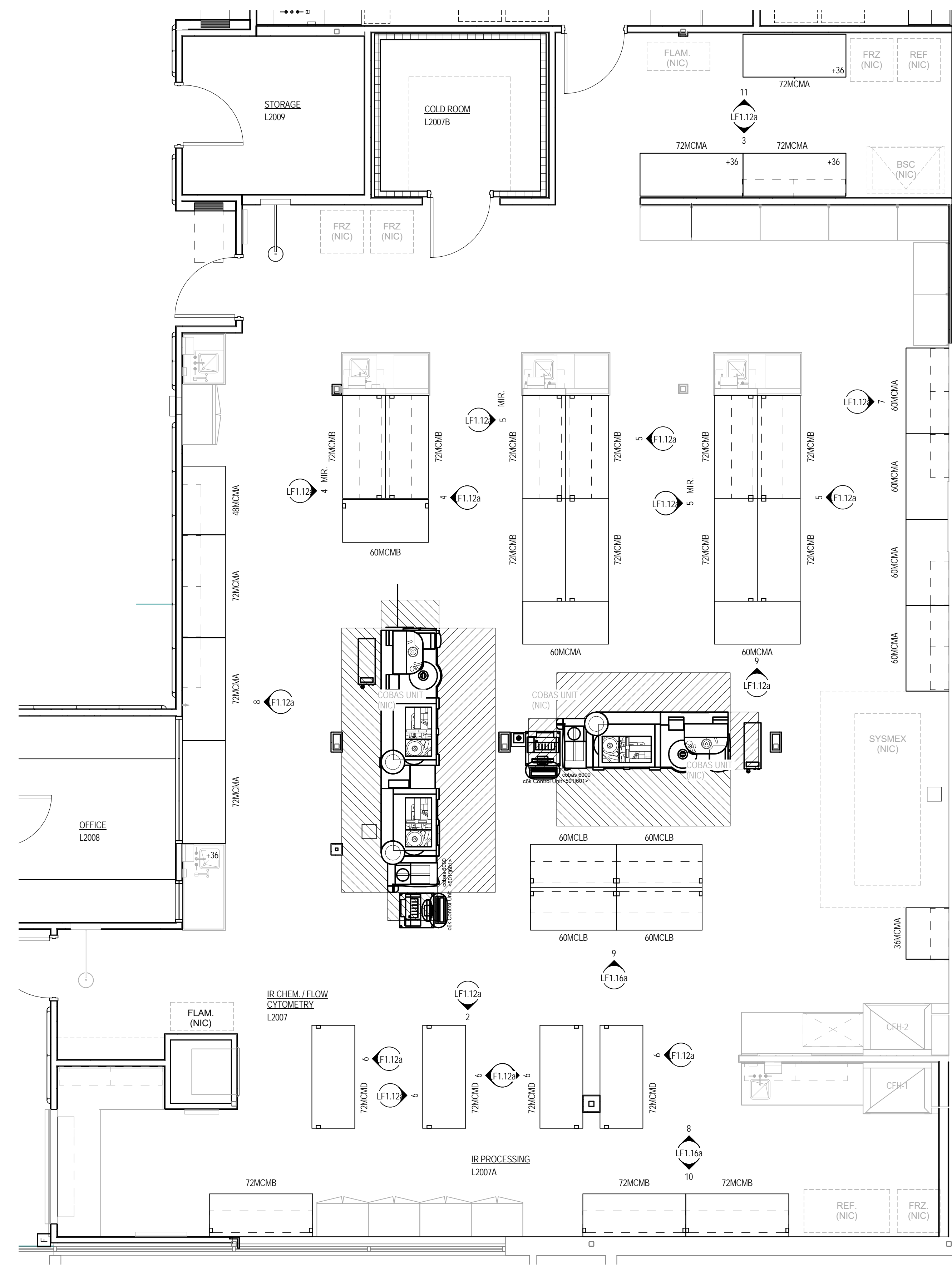
**5 IR CHEMISTRY - ELEVATION**  
 SCALE: 3/8" = 1'-0"



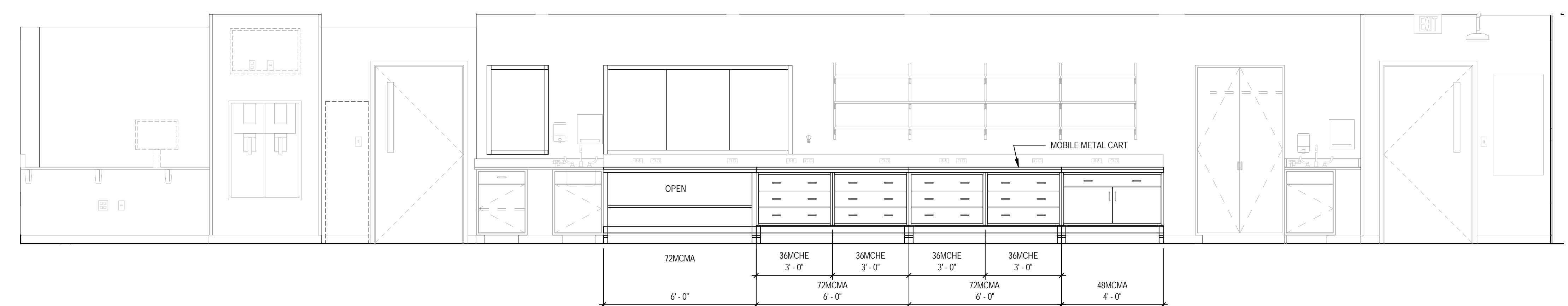
**6 IR CHEMISTRY - ELEVATION**  
 SCALE: 3/8" = 1'-0"



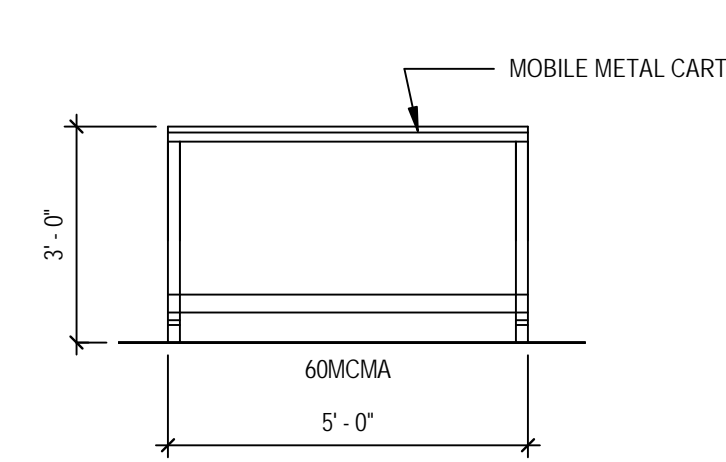
**7 IR CHEMISTRY - ELEVATION**  
 SCALE: 3/8" = 1'-0"



**1 PROCESSING & IR CHEMISTRY ENLARGED LABORATORY PLAN**  
 SCALE: 1/4" = 1'-0"



**8 IR CHEMISTRY - ELEVATION**  
 SCALE: 3/8" = 1'-0"



**9 IR CHEMISTRY - ELEVATION**  
 SCALE: 3/8" = 1'-0"

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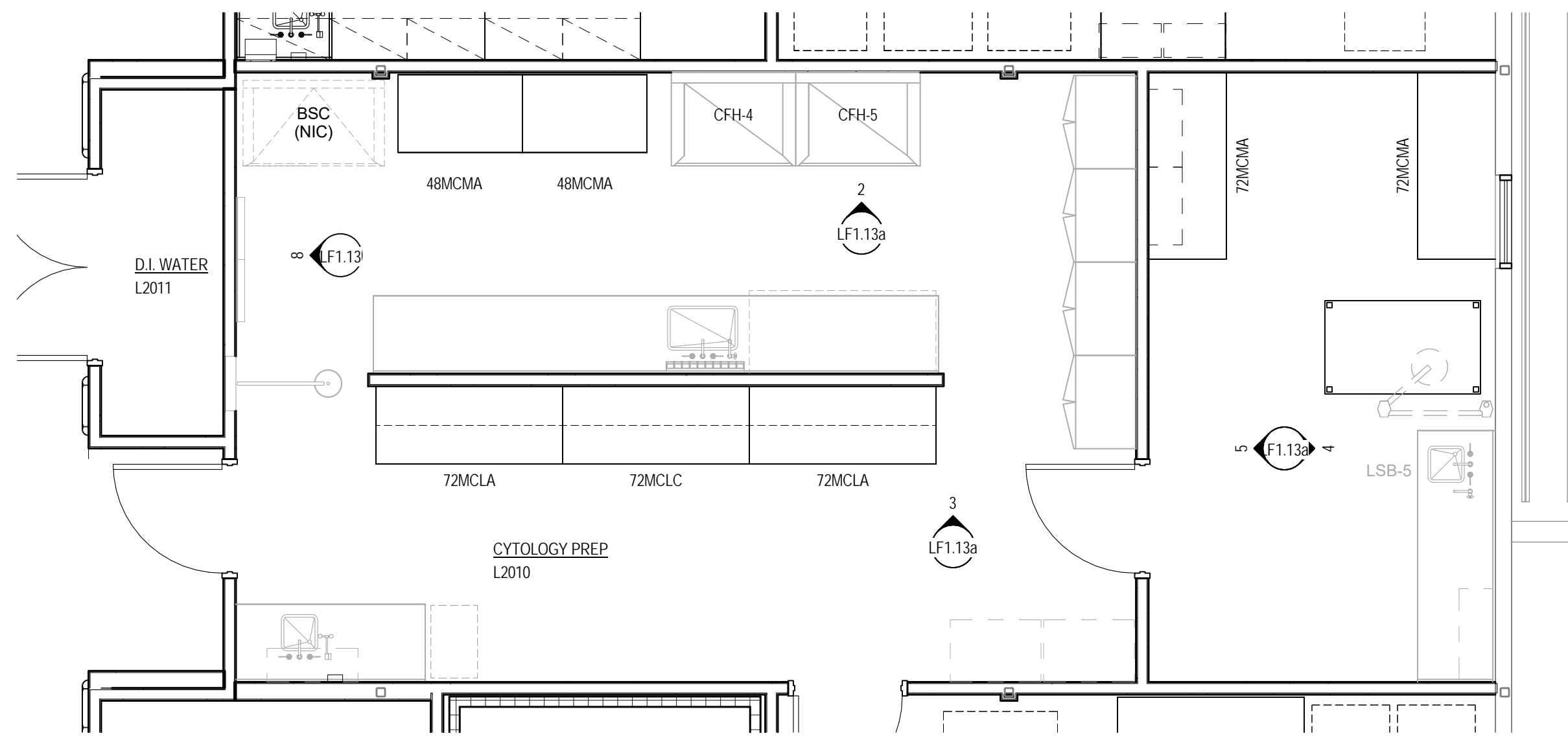
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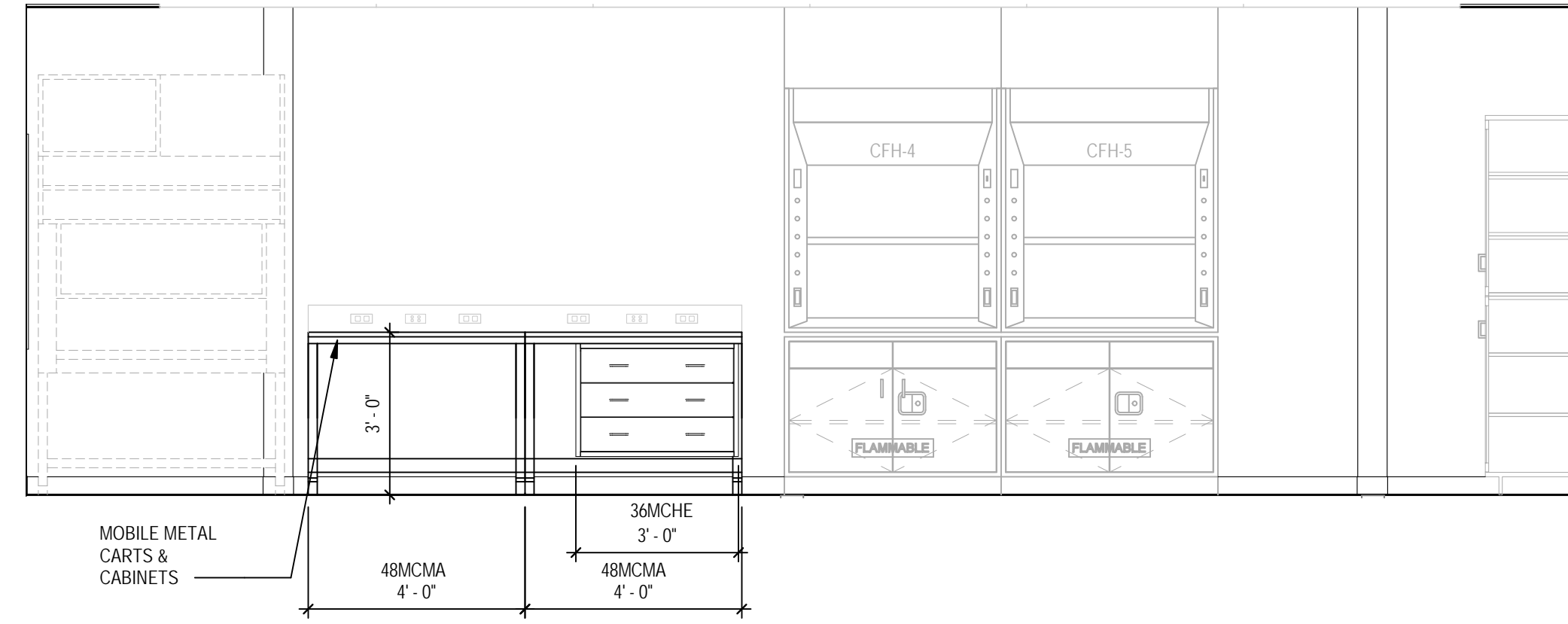
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Enlarged Laboratory  
 Plan & Elevations

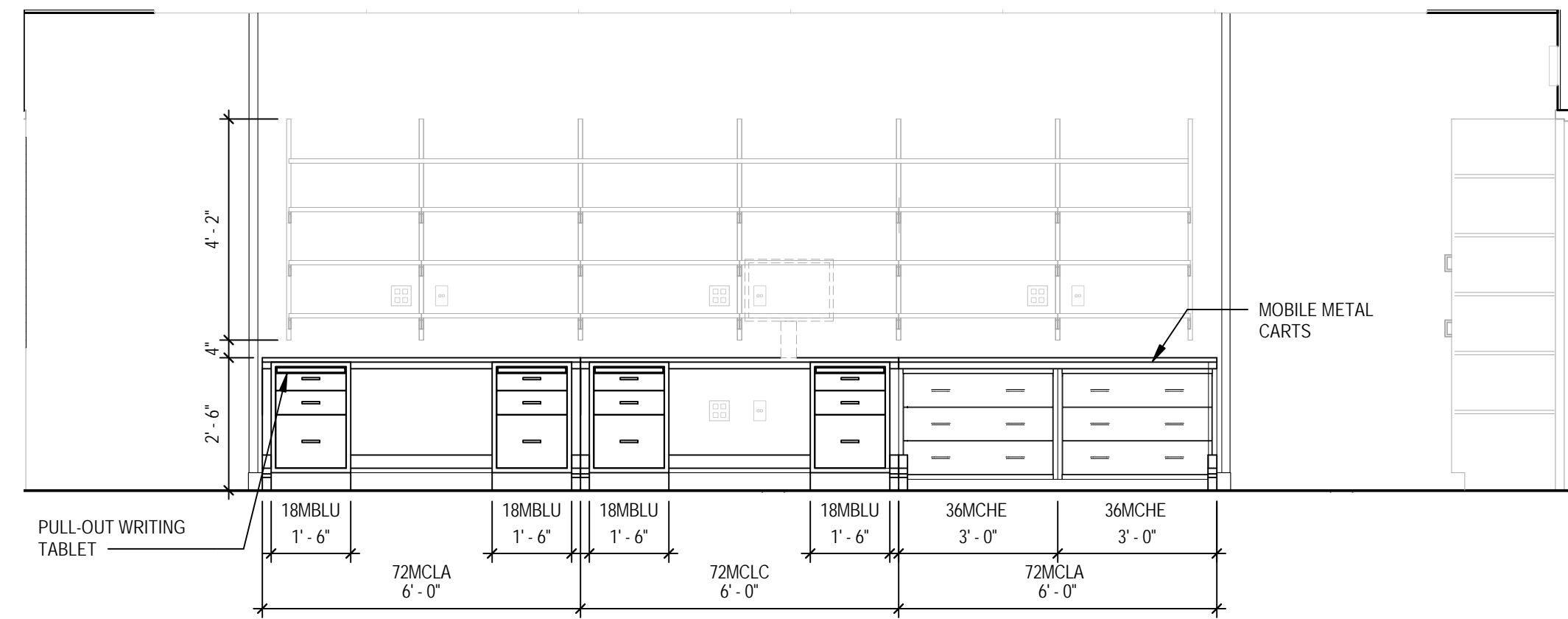
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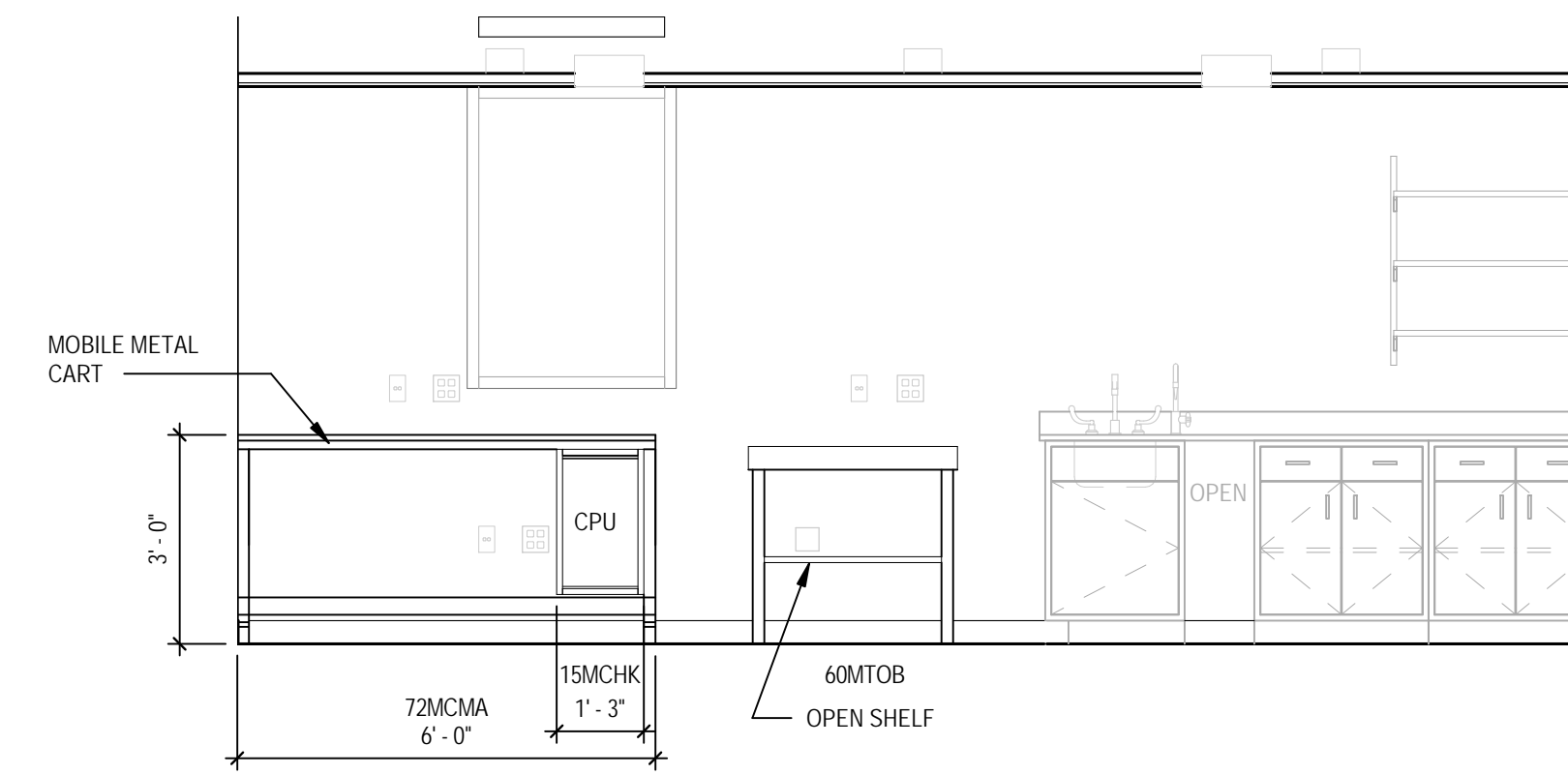
**1 CYTOLOGY ENLARGED LABORATORY PLAN**  
SCALE: 1/4" = 1'-0"



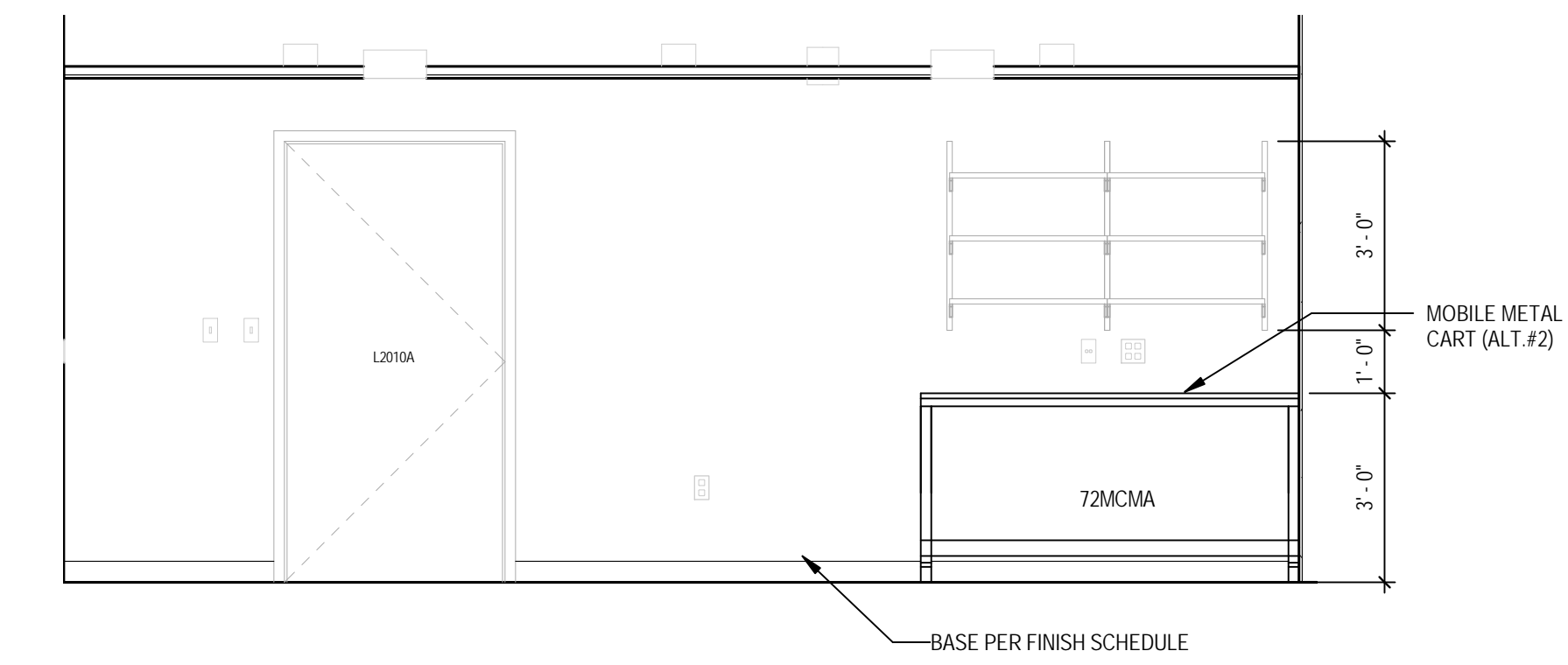
**2 CYTOLOGY - ELEVATION**  
SCALE: 3/8" = 1'-0"



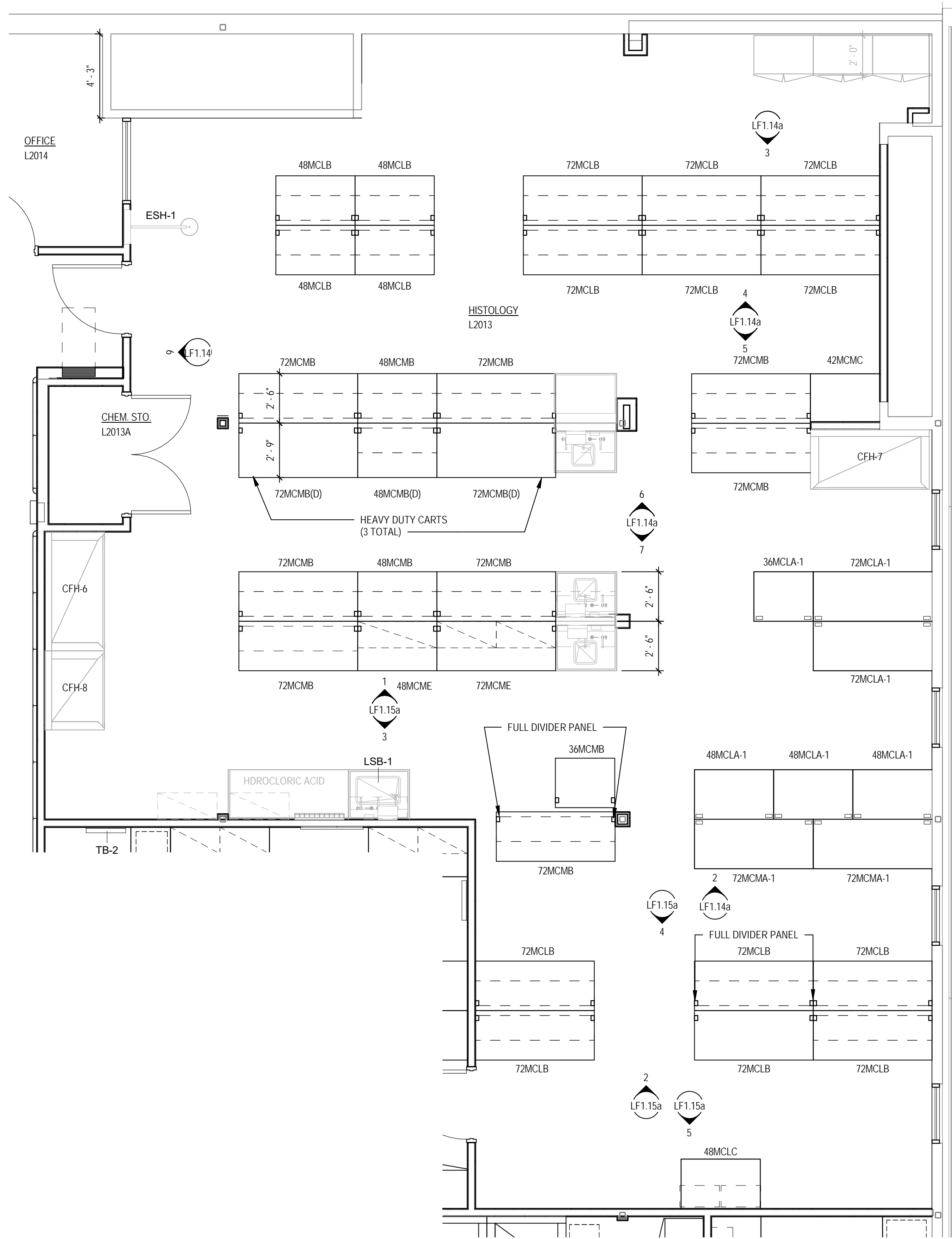
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SCALE: 3/8" = 1'-0"



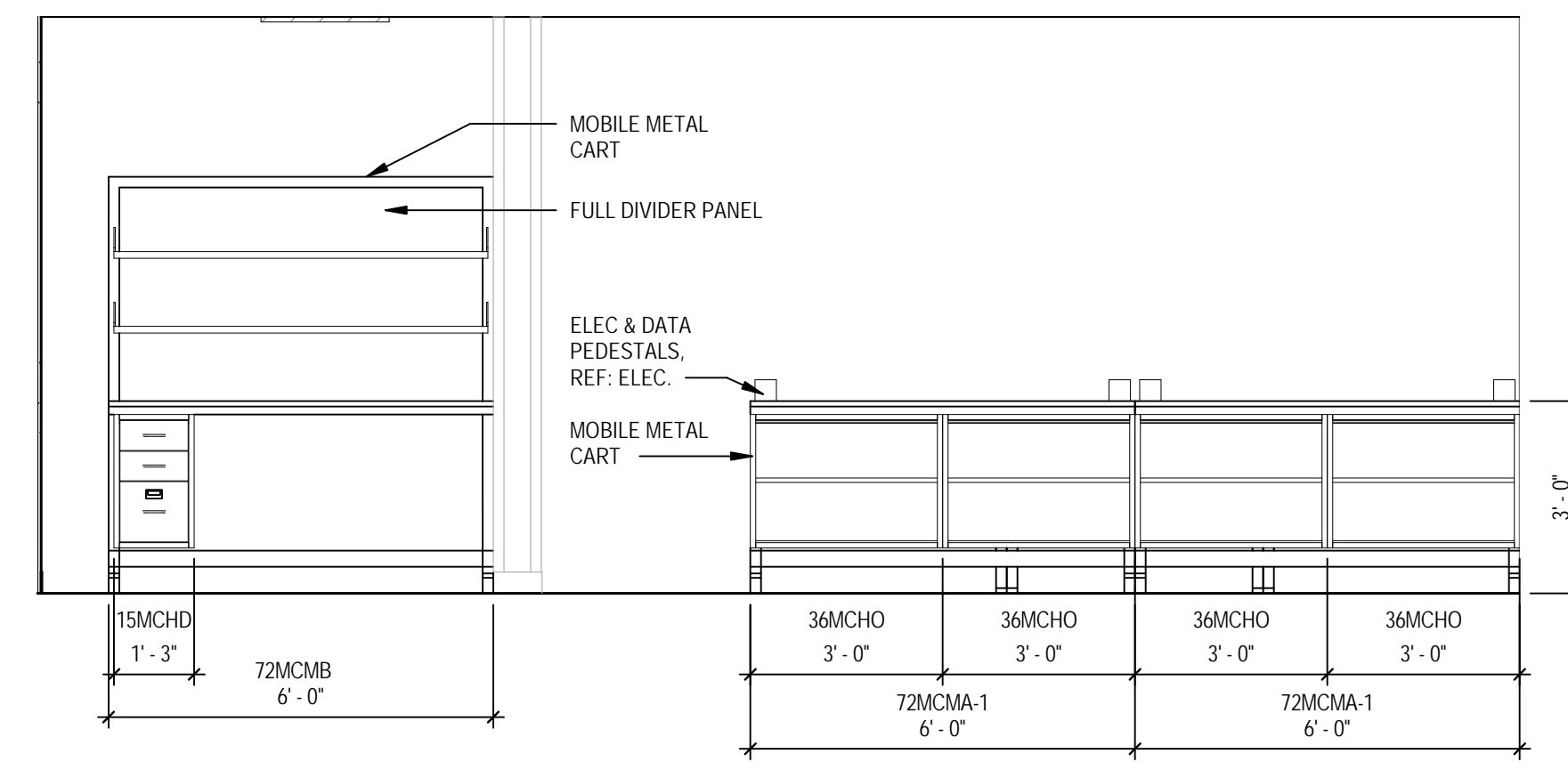
**4 FISH - ELEVATION**  
SCALE: 3/8" = 1'-0"



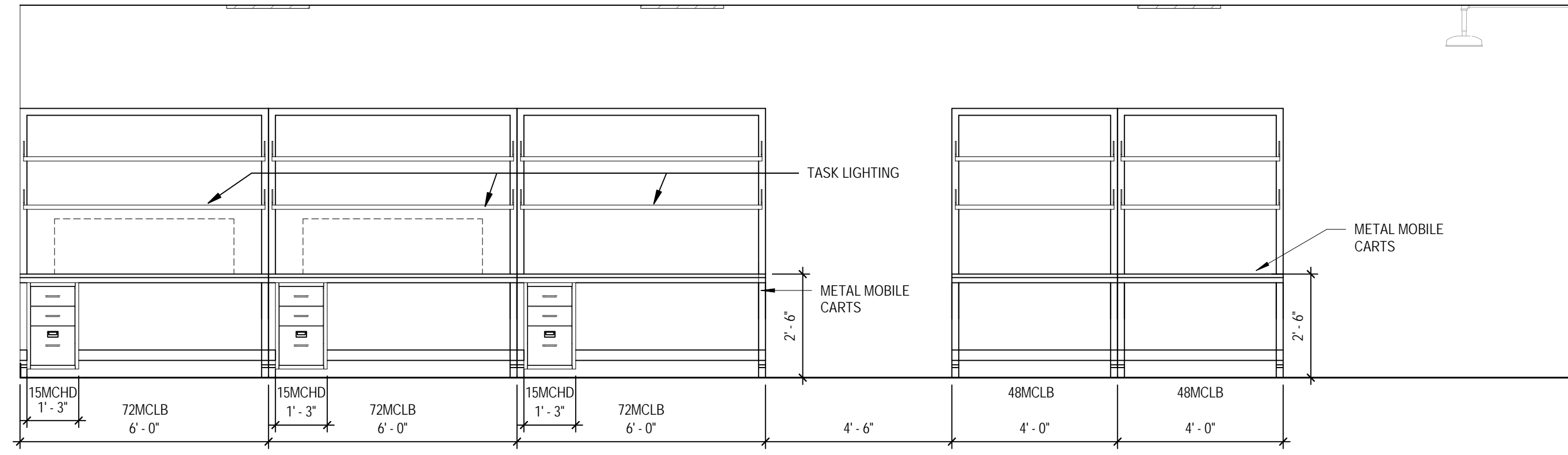
**5 FISH - ELEVATION**  
SCALE: 3/8" = 1'-0"



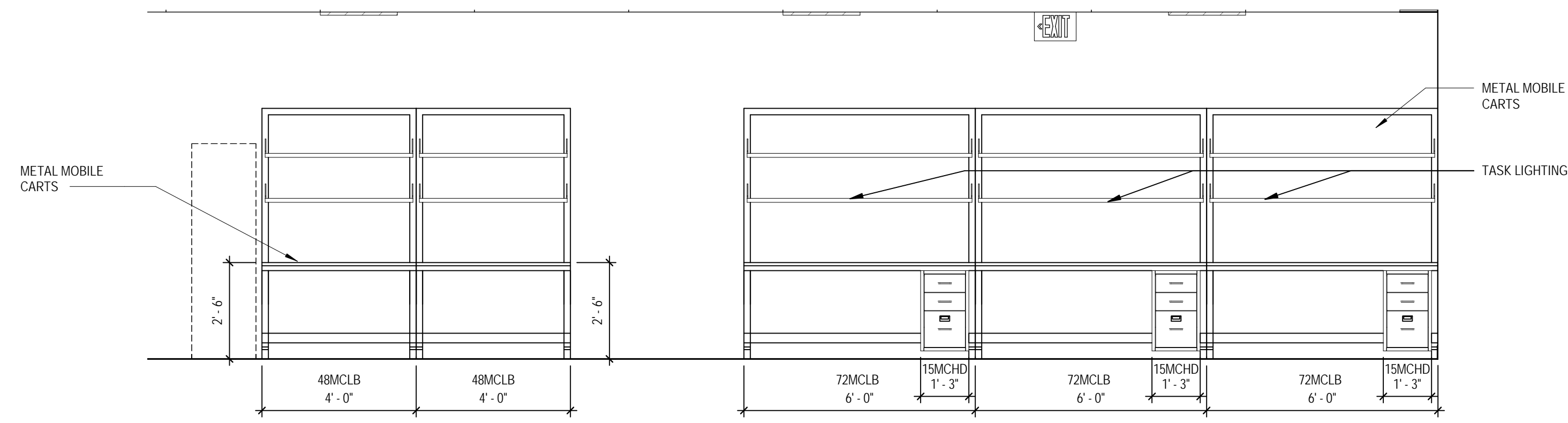
**1 HISTOLOGY & PATHOLOGY CYTECHNOLOGISTS ENLARGED LABORATORY PLAN**  
 SCALE: 1/4" = 1'-0"



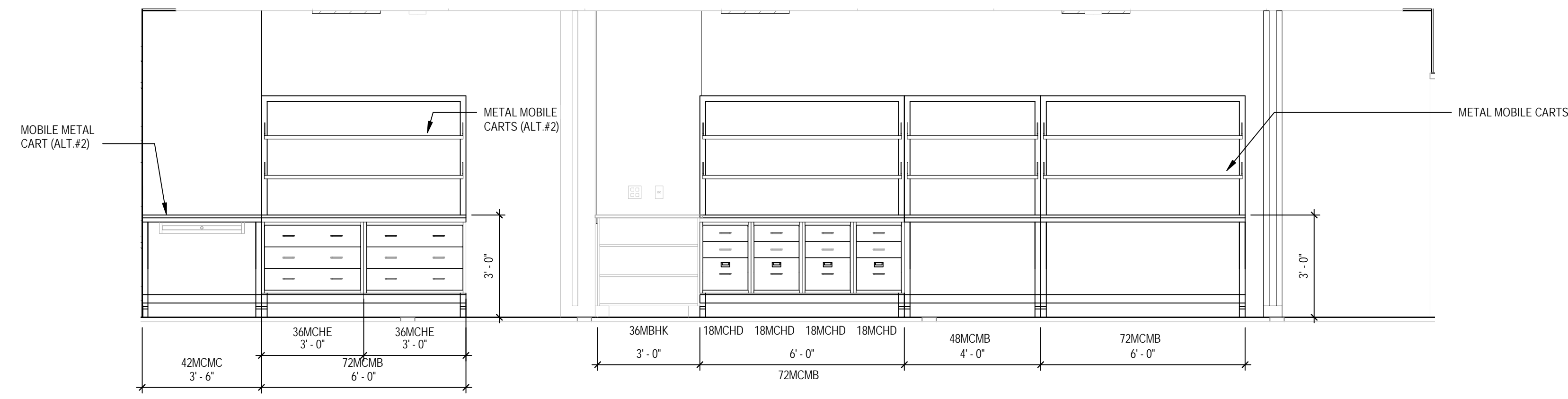
**2 HISTOLOGY - ELEVATION**  
 SCALE: 3/8" = 1'-0"



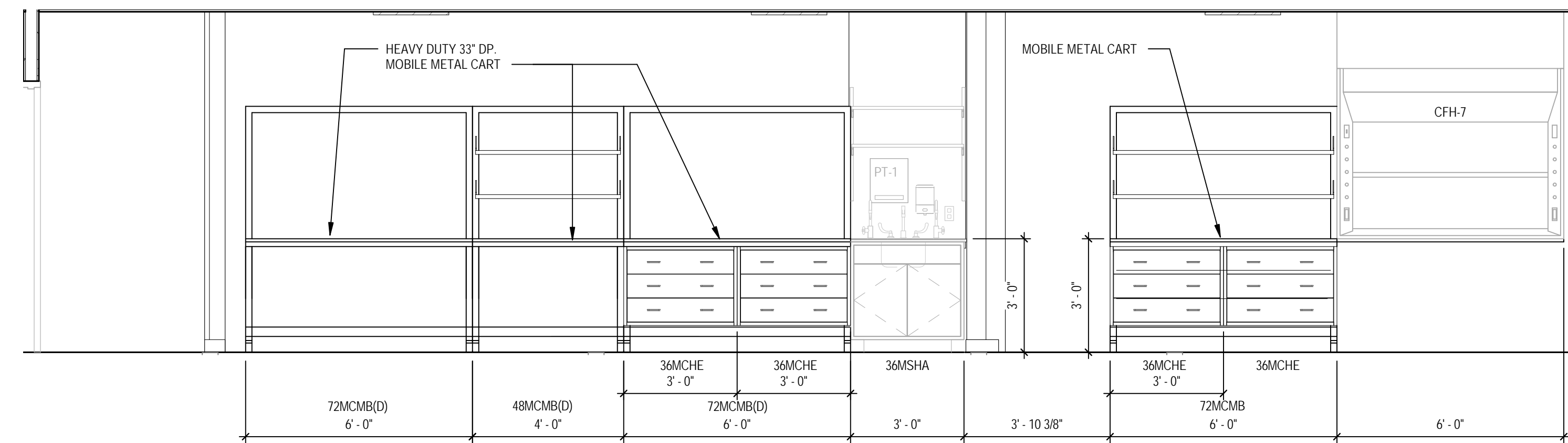
**3 HISTOLOGY - ELEVATION**  
 SCALE: 3/8" = 1'-0"



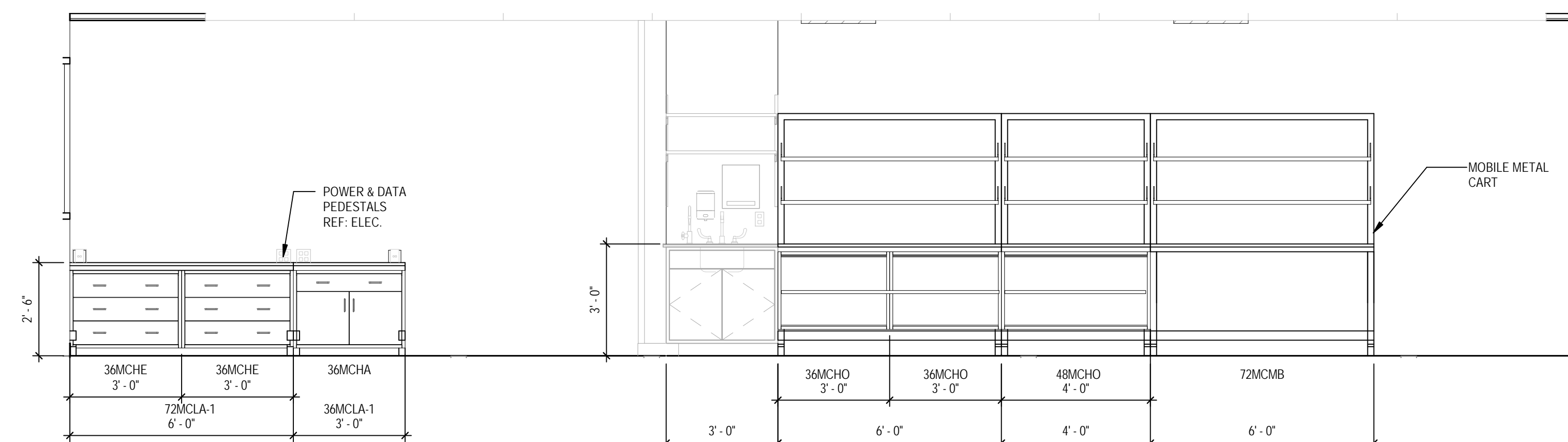
**4 HIST- MICROTOME Copy 1**  
 SCALE: 3/8" = 1'-0"



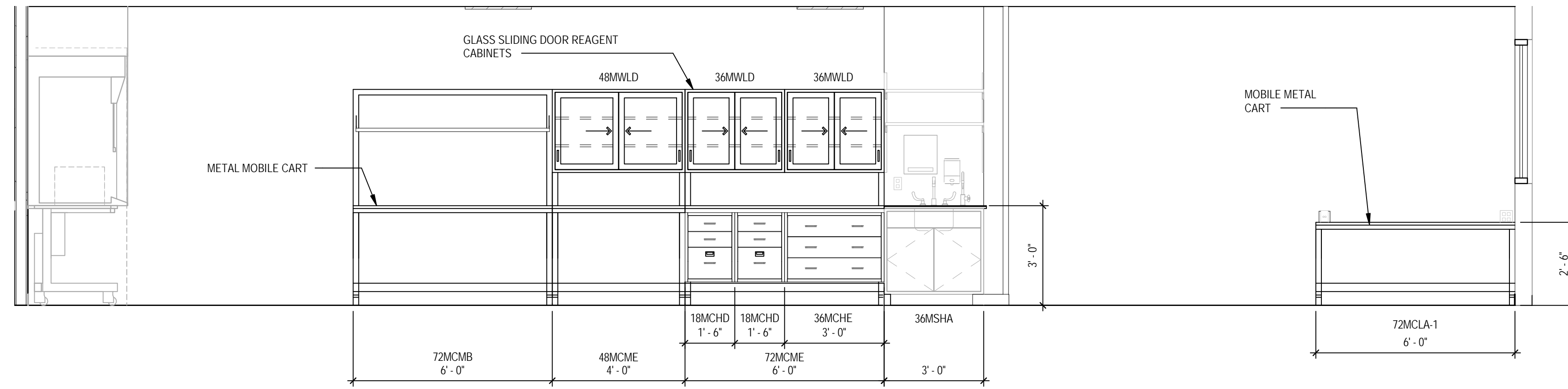
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 SCALE: 3/8" = 1'-0"



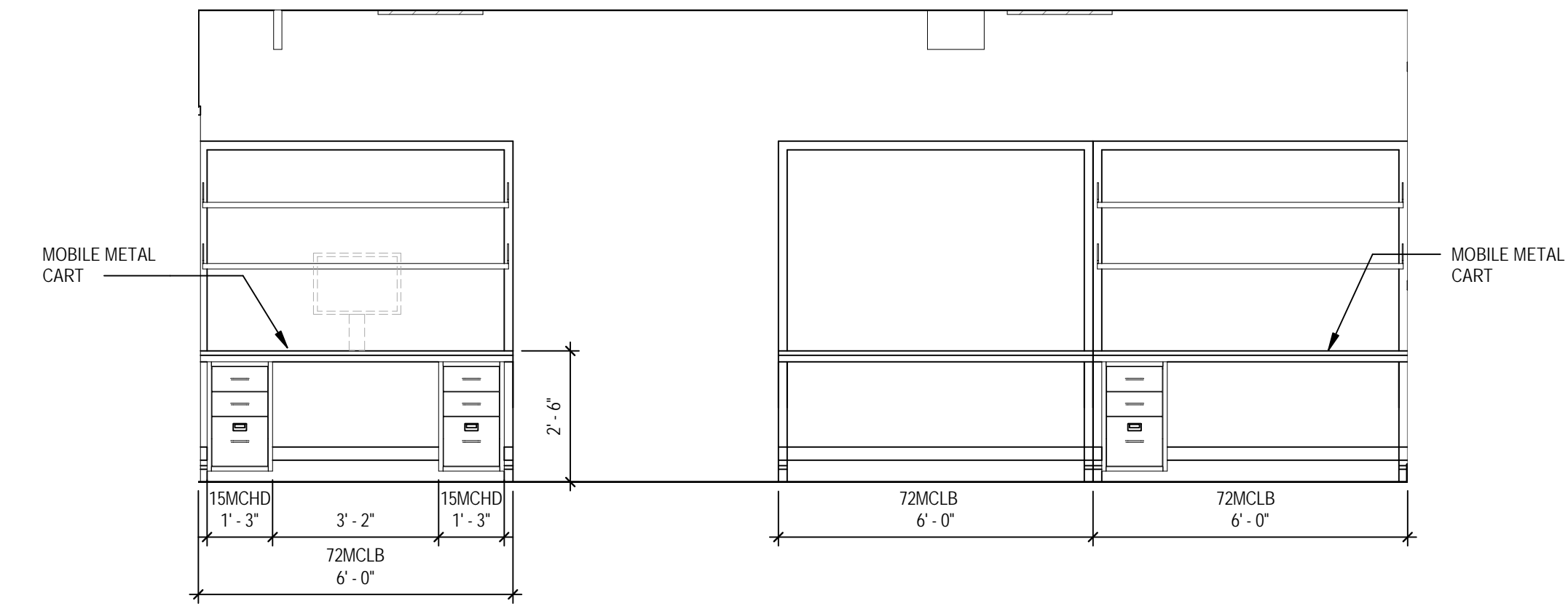
**6 HISTOLOGY - ELEVATION**  
 SCALE: 3/8" = 1'-0"



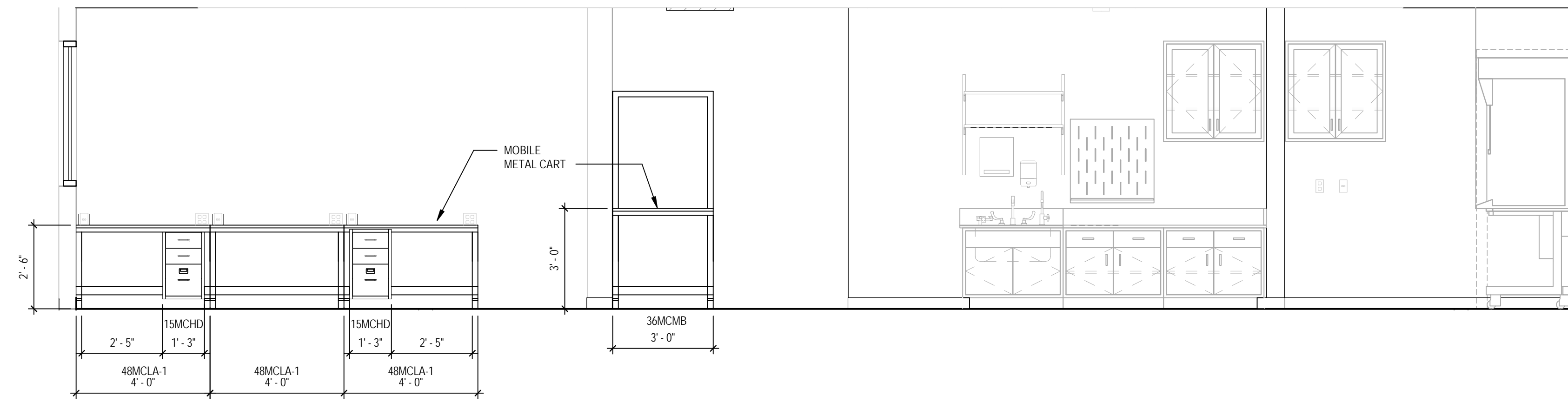
**7 HISTOLOGY - ELEVATION**  
 SCALE: 3/8" = 1'-0"



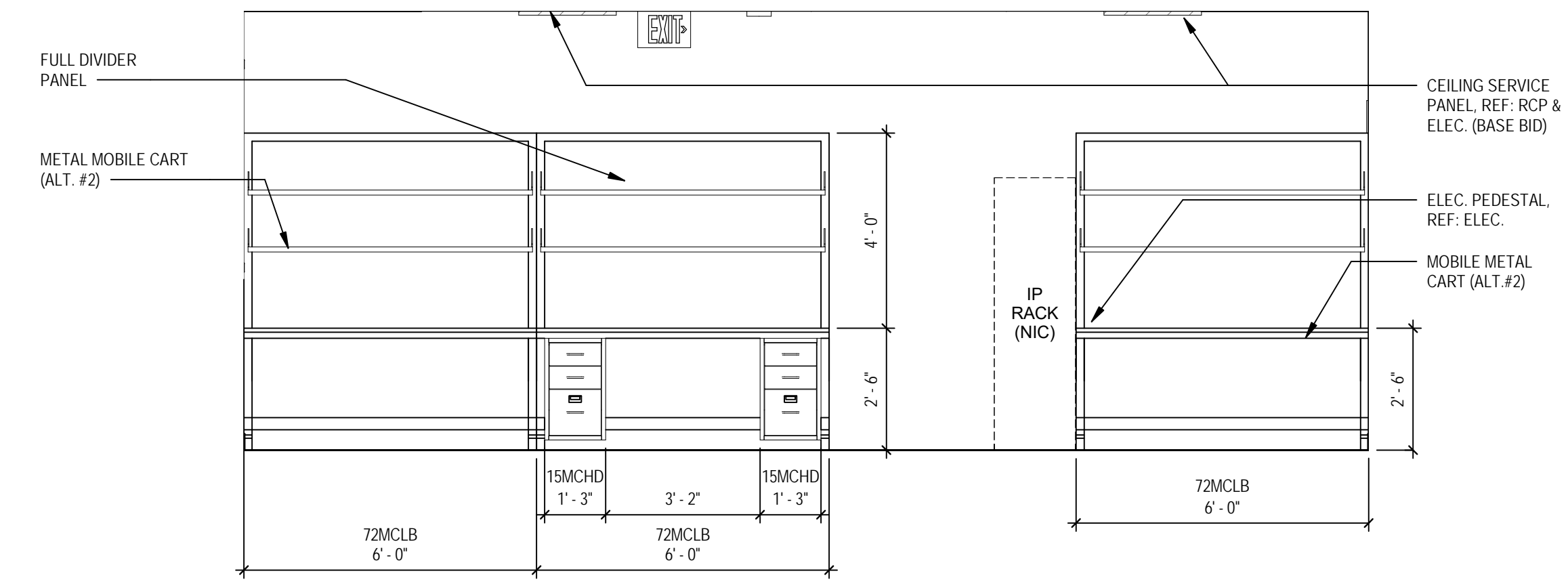
**1 HISTOLOGY - ELEVATION**  
 SCALE: 3/8" = 1'-0"



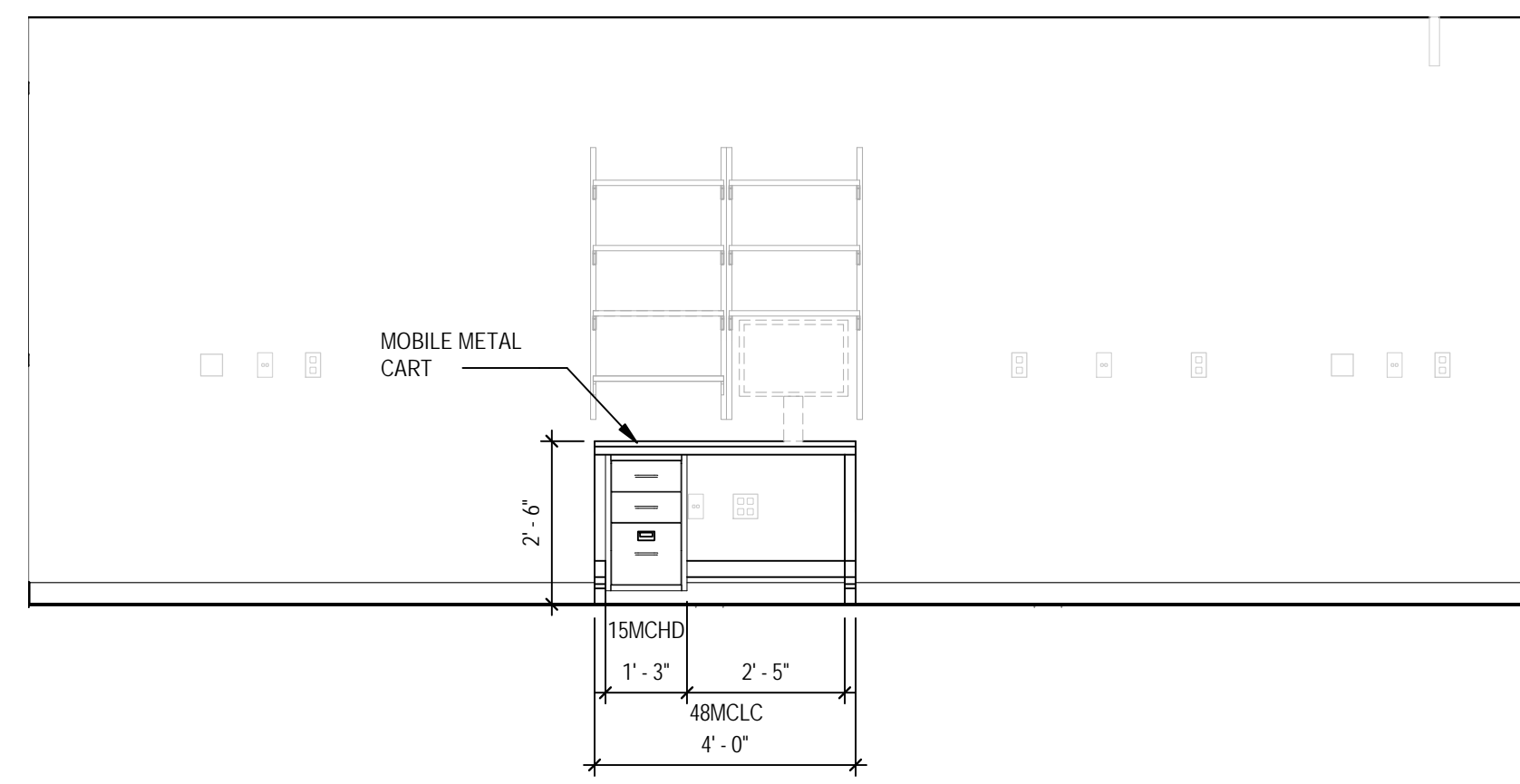
**2 HISTOLOGY - ELEVATION**  
 SCALE: 3/8" = 1'-0"



**3 LAB ELEVATION**  
 SCALE: 3/8" = 1'-0"



**4 HISTOLOGY - ELEVATION**  
 SCALE: 3/8" = 1'-0"



**5 HISTOLOGY - ELEVATION**  
 SCALE: 3/8" = 1'-0"

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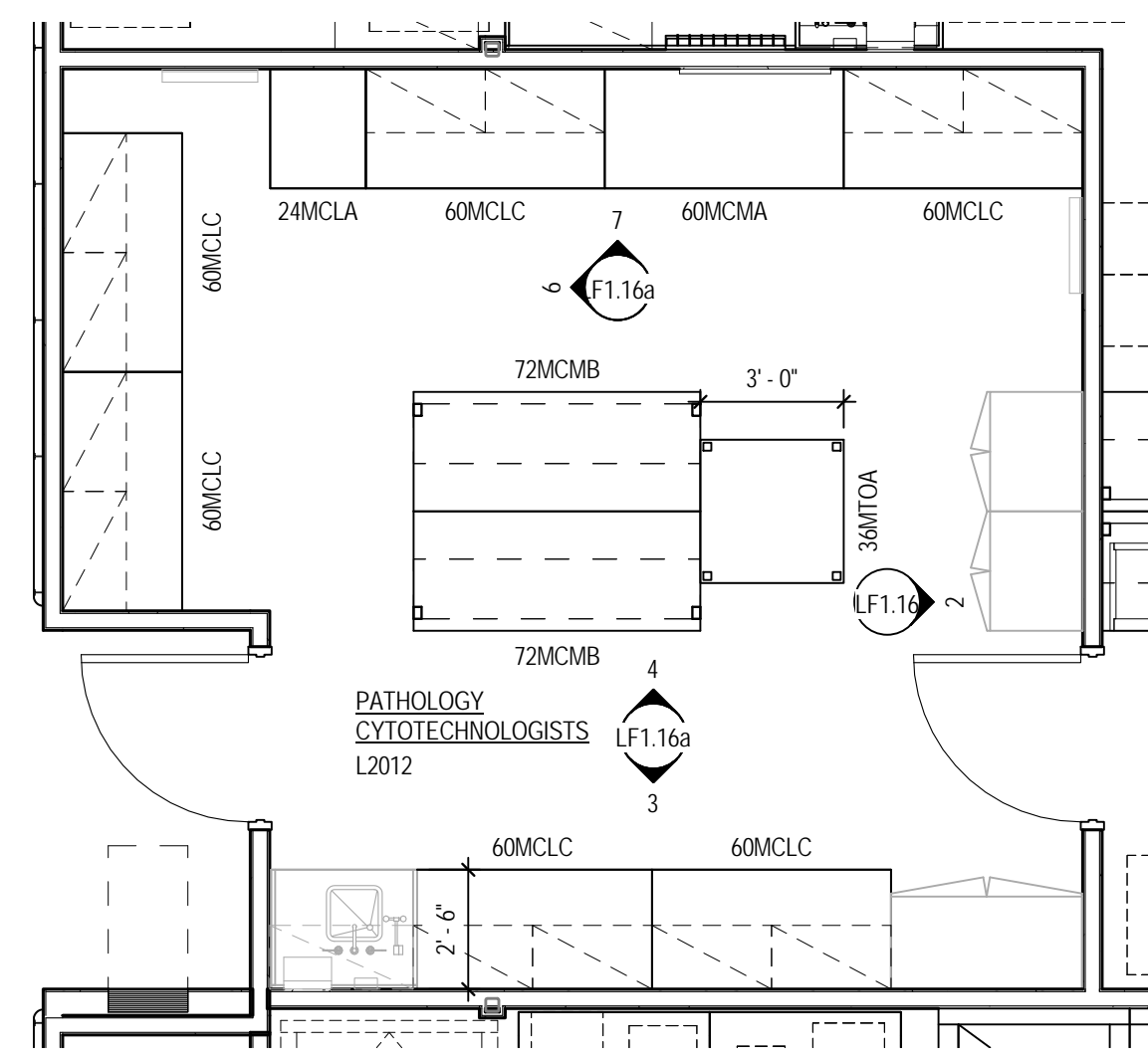
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 UM Project: CP171051

February 22, 2018

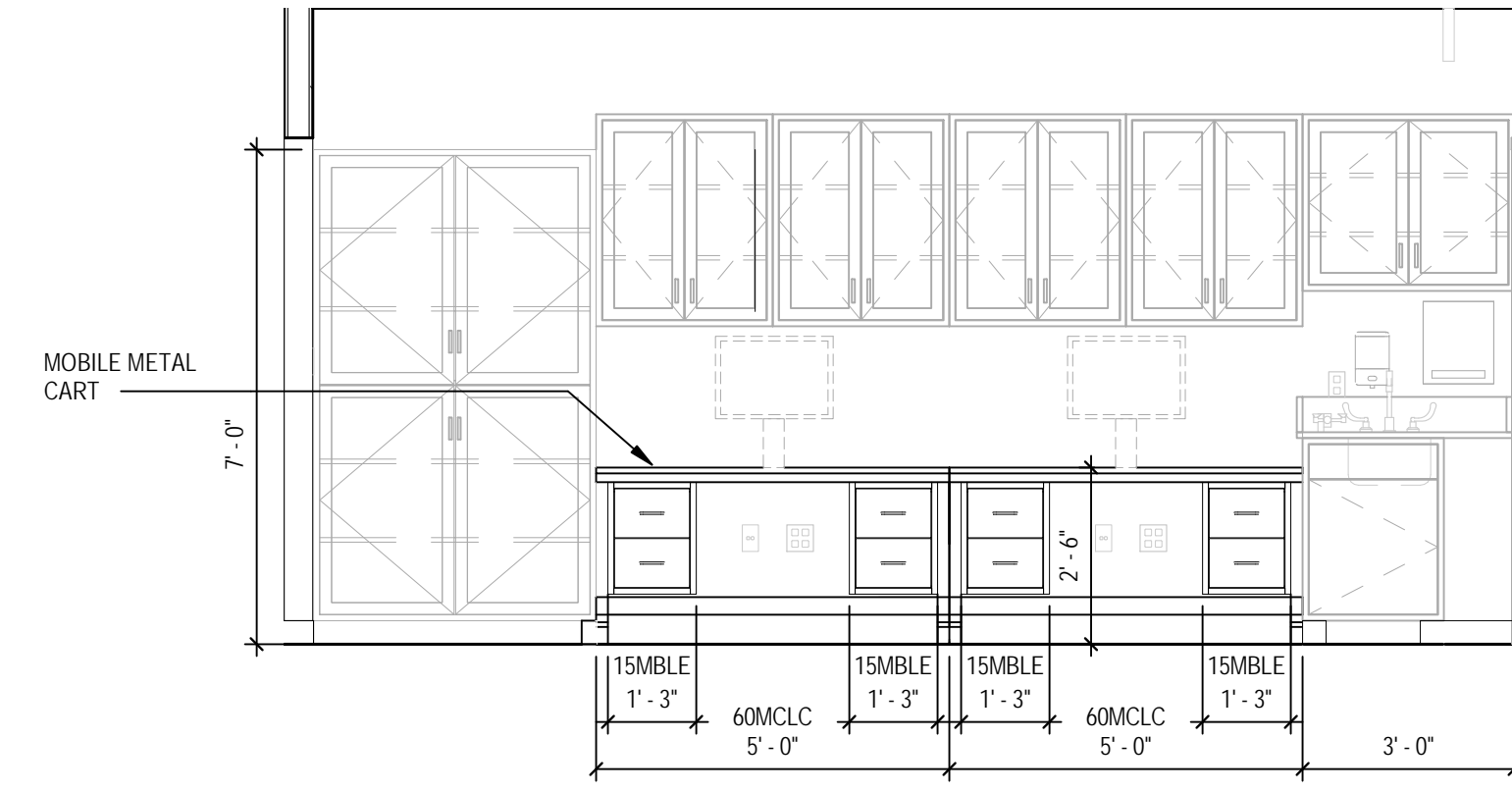
Enlarged Laboratory  
 Plan & Elevations

**LF1.15a**

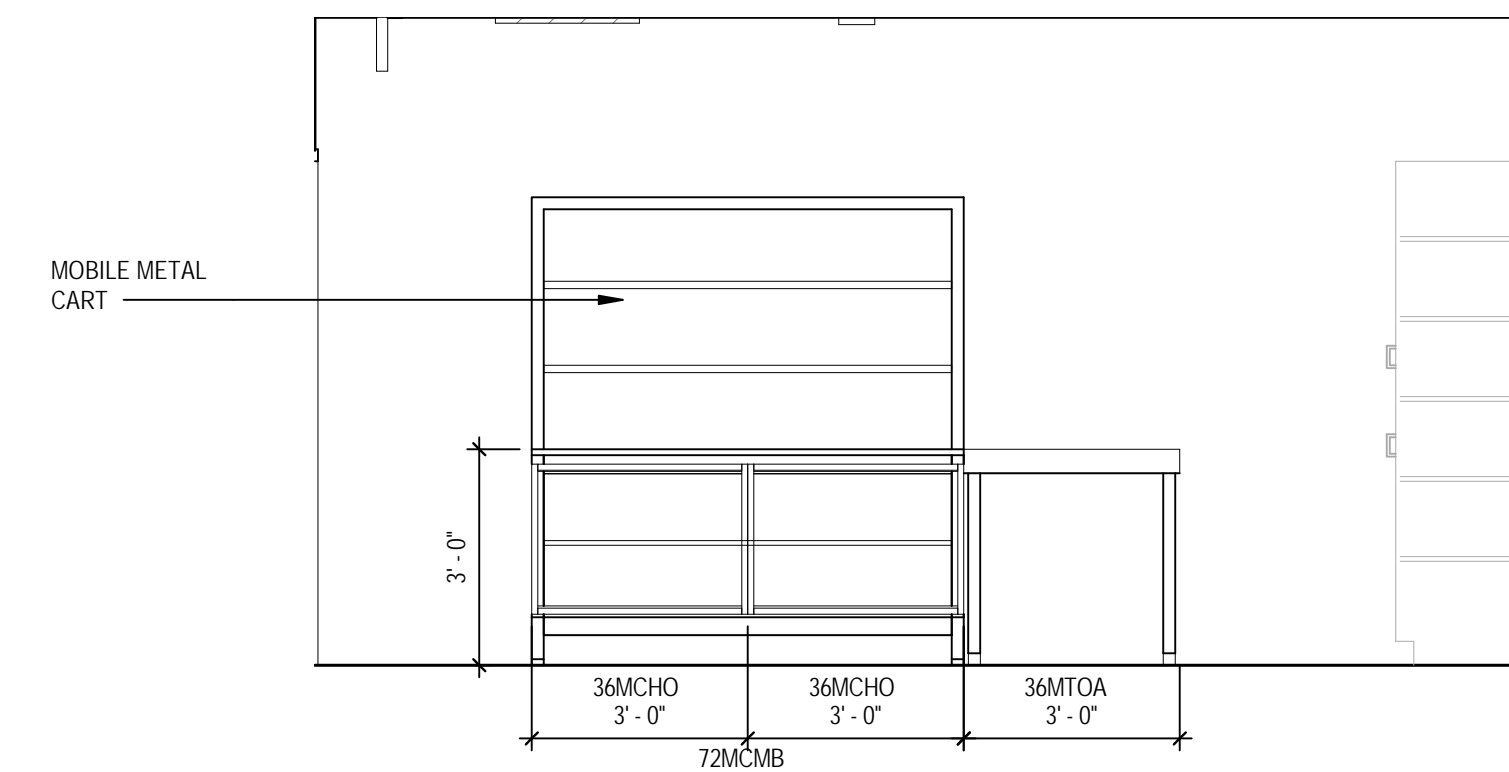




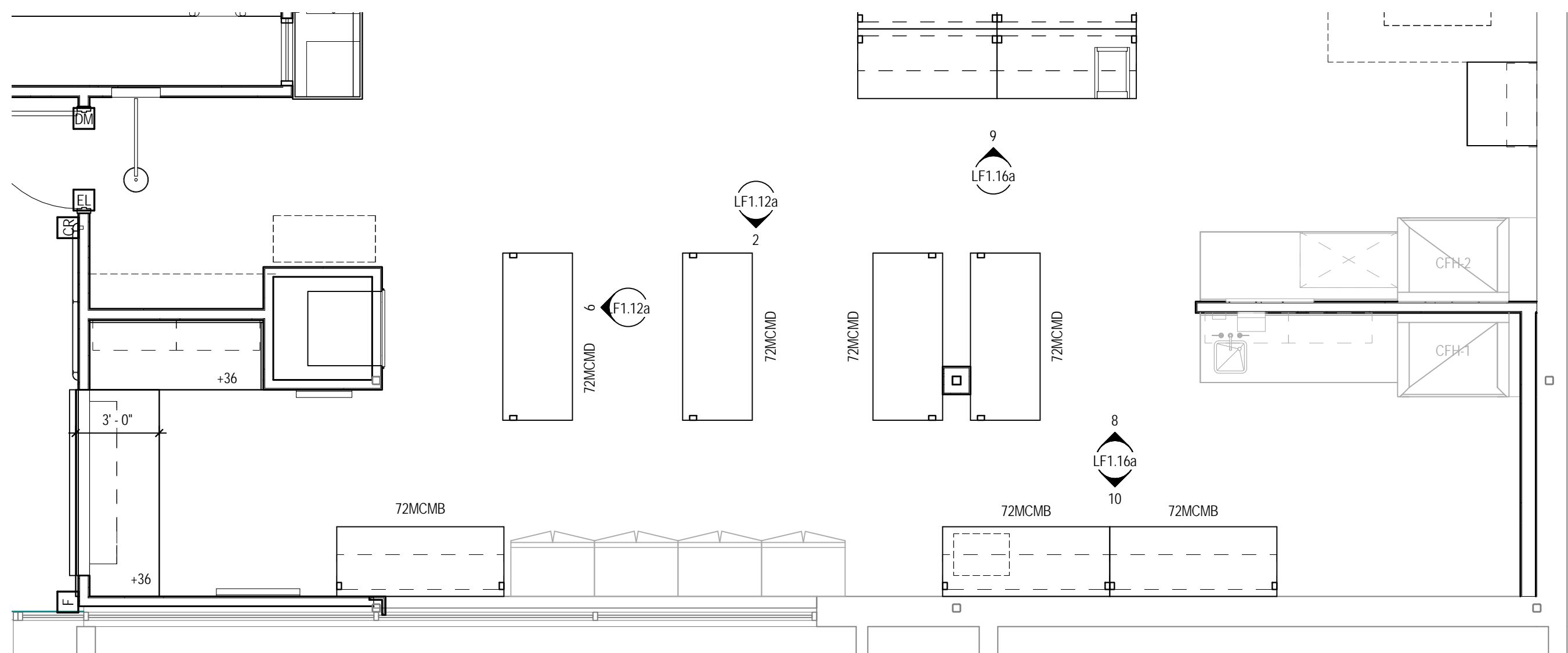
**1** PATHOLOGY CYTECH. - ENLARGED LAB. PLAN  
 SCALE: 1/4" = 1'-0"



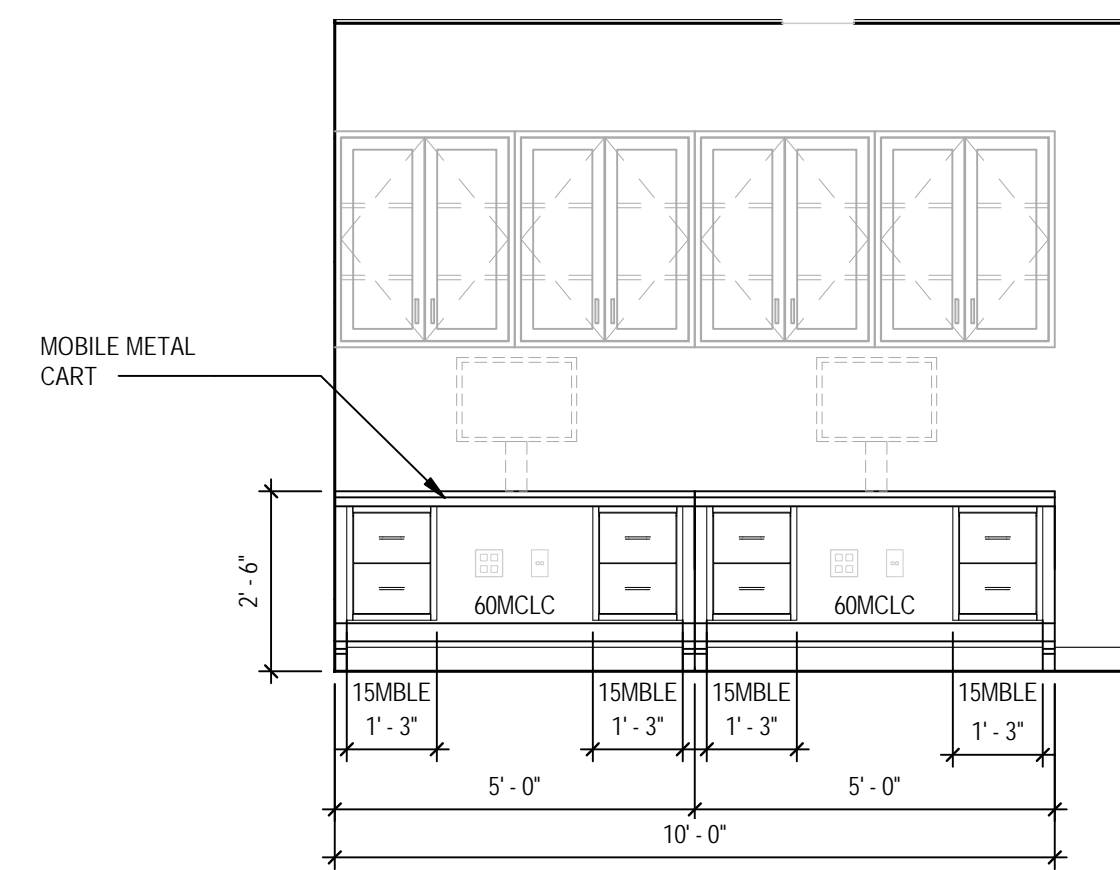
**3** PATHOLOGY CYTECH. - ELEVATION  
 SCALE: 3/8" = 1'-0"



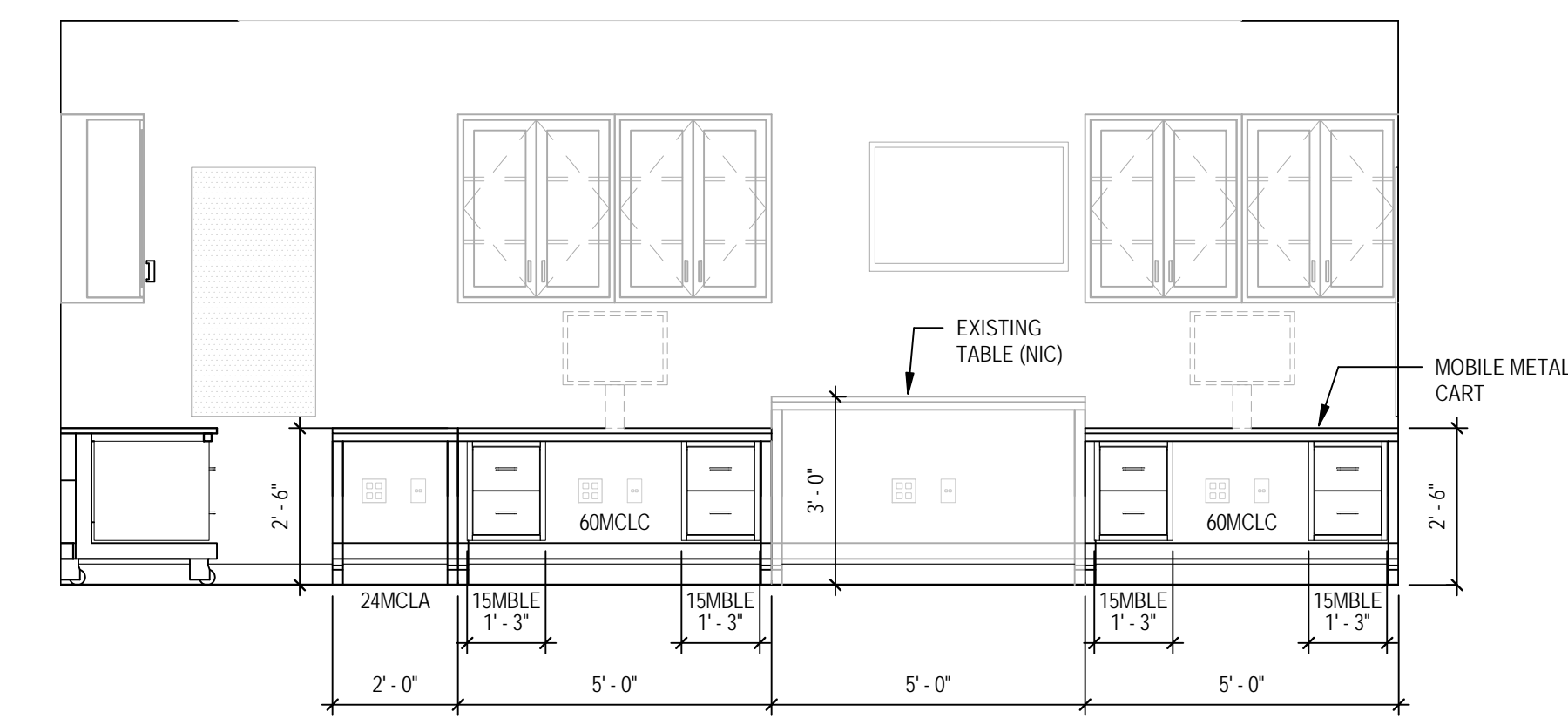
**4** PATHOLOGY CYTECH. - ELEVATION  
 SCALE: 3/8" = 1'-0"



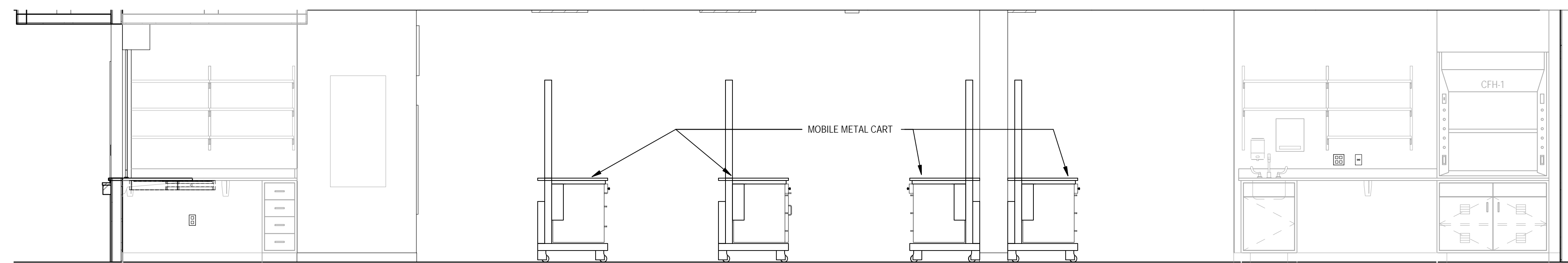
**5** PROCESSING & IR CHEMISTRY ENLARGED LABORATORY PLAN  
 SCALE: 1/4" = 1'-0"



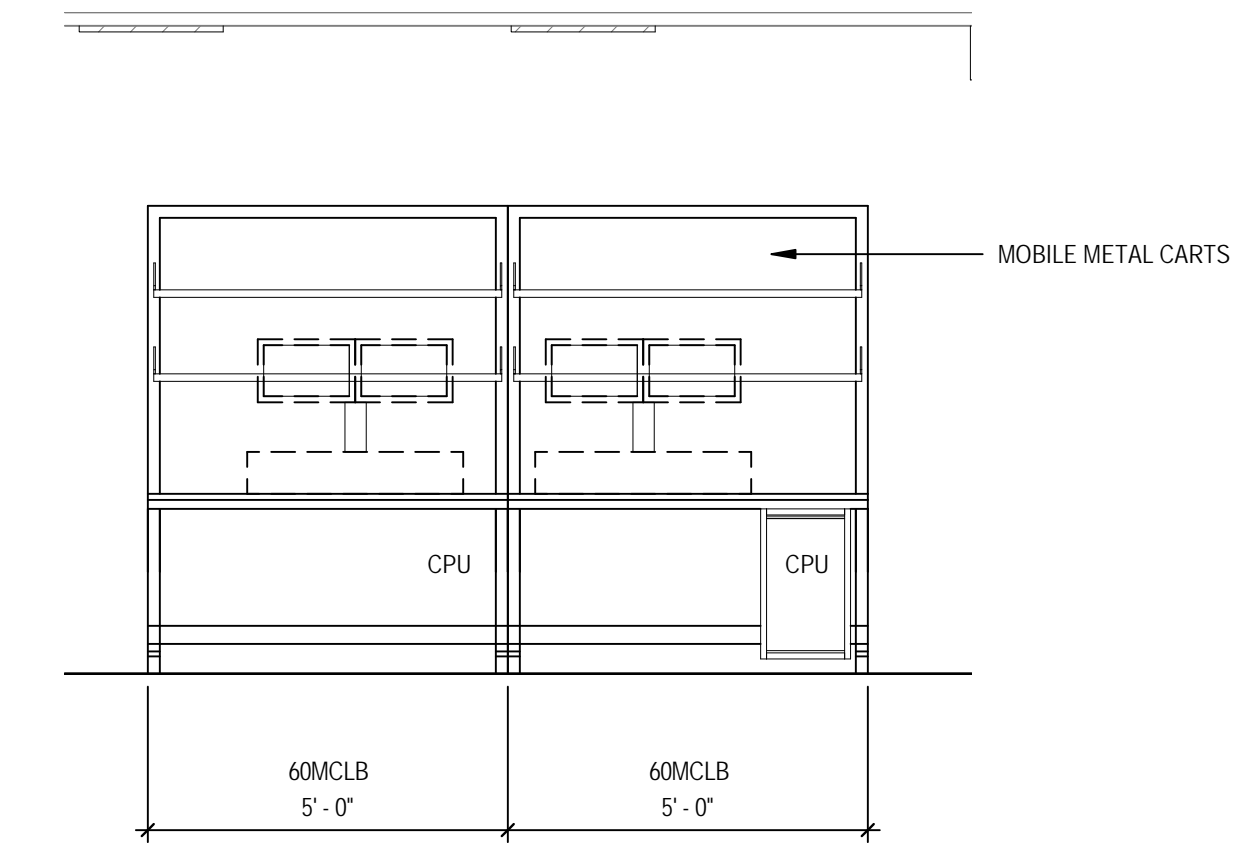
**6** PATHOLOGY CYTECH. - ELEVATION  
 SCALE: 3/8" = 1'-0"



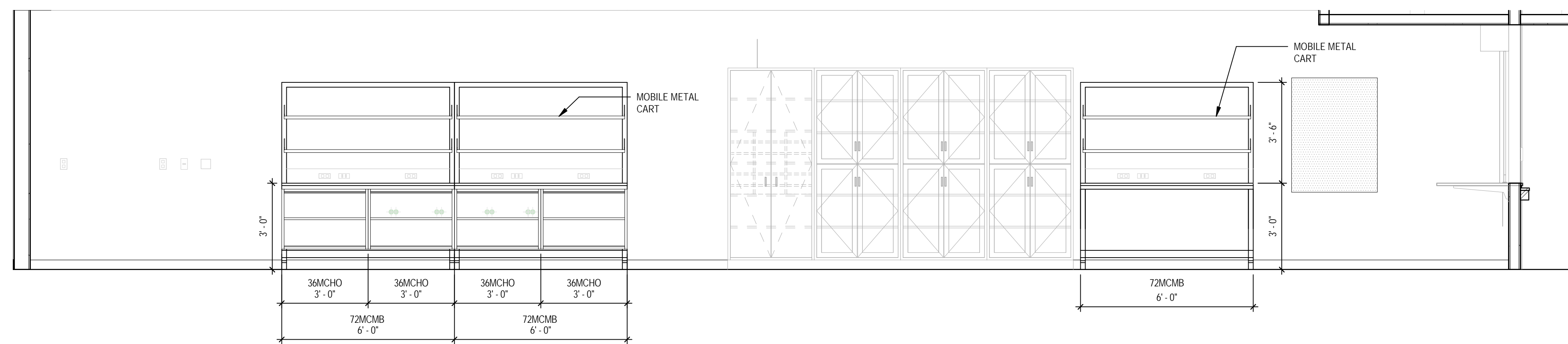
**7** PATHOLOGY CYTECH. - ELEVATION  
 SCALE: 3/8" = 1'-0"



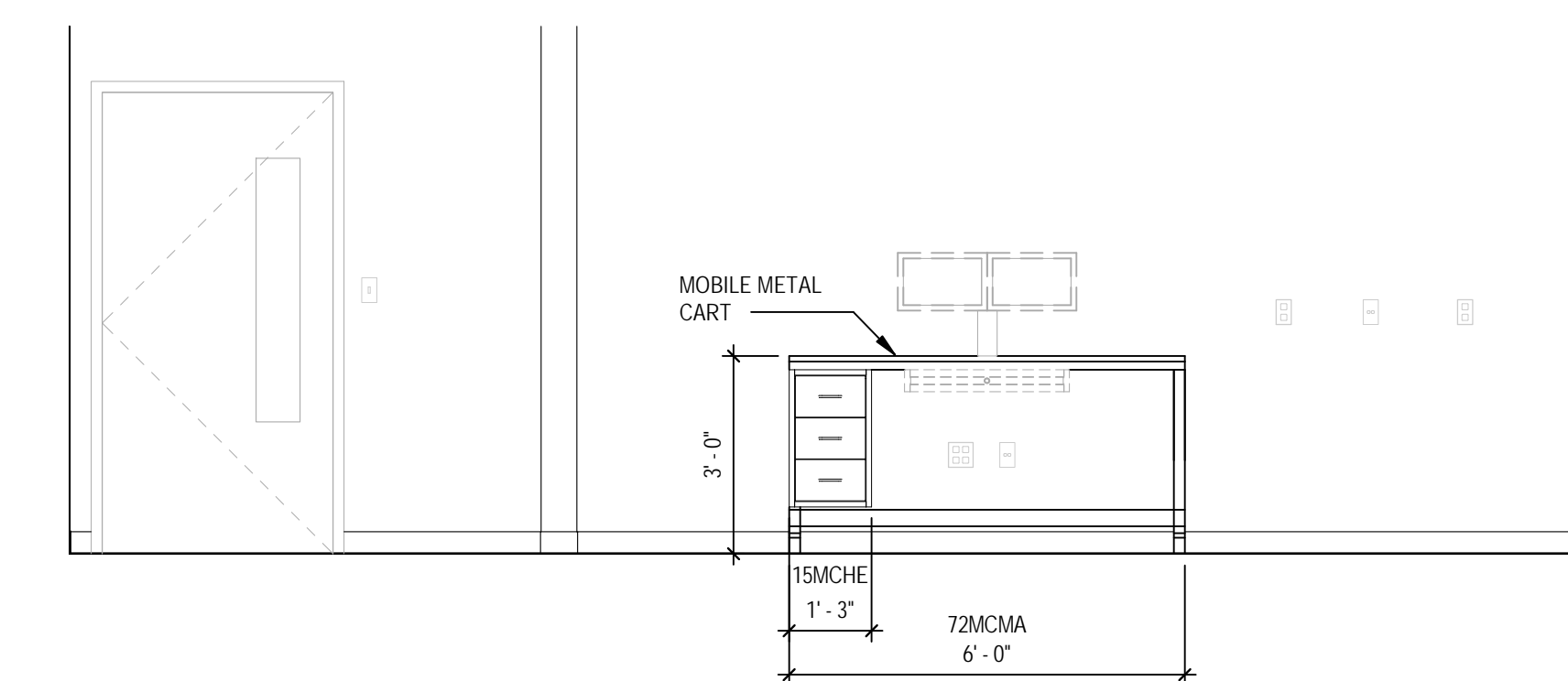
**8** IR PROCESSING - ELEVATION  
 SCALE: 3/8" = 1'-0"



**9** IR PROCESSING - ELEVATION  
 SCALE: 3/8" = 1'-0"



**10** IR PROCESSING - ELEVATION  
 SCALE: 3/8" = 1'-0"



**11** FLOW CYTOMETRY - ELEVATION  
 SCALE: 3/8" = 1'-0"