CANNONDESIGN

SUBMITTAL IDENTIFICATION SHEET

To be completed by Contractor/CM

WEBSTER UNIVERSITY ISB
PROJECT NAME

8274 BIG BEND BLVD
ADDRESS

NUMBER

WEBSTER UNIVERSITY
OWNER

CANNON DESIGN
ARCHITECT / ENGINEER

DEVIN D GATES
SUBMITTED BY

123553-004 REV 1
CONTRACTOR / CM SUBMITTAL NO.

CANNON DESIGN SUBMITTAL NO.

DRAWING / DETAIL REFERENCE

123553
SPECIFICATION SECTION / PARAGRAPH

MANUFACTURER / SUPPLIER

ITEM / PRODUCT ID

REQUIRED DATE

PRIORITY

CRITICAL

ITEM BEING SUBMITTED (check only one)

- (●) Shop Drawings
- ( ) Samples (_____ copies)
- ( ) LEED Submittal
- ( ) Certification / Qualifications
- ( ) Record Documents
- ( ) Product Data
- ( ) Coordination Drawing
- ( ) Calculations
- ( ) Schedules
- ( ) O&M Manuals
- ( ) Other _____

ITEM BEING SUBMITTED FOR (check only one)

- (●) Action
- ( ) Information Only
- ( ) Record

REMARKS OR DEVIATIONS

CONTRACTOR / CM CERTIFICATION
(SUBMITTALS NOT CERTIFIED WILL BE RETURNED WITHOUT REVIEW)

PARIC

PARIC CORPORATION
SUBMITTAL STAMP

THIS SHOP DRAWING HAS BEEN REVIEWED BY PARIC CORPORATION

Subcontractor remains responsible for dimensions, quantities, coordination with other trades and compliance with contract documents.

By:
Devin D. Gates

DEVIN D GATES
REVIEWED BY

1/7/16
DATE

To be completed by Reviewer

12 3553-004 REV002
CANNON DESIGN SUBMITTAL NUMBER

1/9/17
RECEIVED DATE

123553-001 PRODUCT DATA SUBMITTAL (required for this submittal review) RECEIVED ON 02/01/17.

- ( ) A. No Exceptions Taken
  No further review of submittal is required.
- (●) B. Make Corrections Noted
  Incorporate corrections in work; resubmission is not required.
- ( ) C. Revise and Resubmit
  Revise as noted, and resubmit for review.
- ( ) D. Rejected
  Submittal is not in compliance with Contract Documents; provide new submittal.
- ( ) E. For Record / Information Only
  Submittal was reviewed for Record / Information purposes only.
- ( ) F. Not Required for Review
  Submittal is not required by Contract Documents and has not been reviewed.

Review is for conformance with the design concept of this project and for general compliance with contract documents. Contractor is responsible for quantities, dimensions and compliance with contract documents and for information that pertains to fabrication processes, construction techniques and coordination of this work with all trades which will be affected thereby. This review is null and void if submittal deviates from contract documents and does not indicate or note deviations.

A/E COMMENTS

( ) See attached sheet(s) for additional comments

PROVIDE ONLY NON-APPROVED ITEMS AS SEPARATE SUBMITTAL.

SEE GENERAL COMMENTS ON NEXT PAGE AND MARKUPS ON DRAWINGS.

Kelvin Patel

Digitally signed by Kelvin Patel
DN: C=US, E=kpatel@cannondesign.com, O=Cannon Design, OU=Architect, CN=Kelvin Patel
Date: 2017.02.14 19:43:03-06'00'

REVIEWED BY

02/14/17
DATE

GENERAL COMMENTS:

-PROVIDE FULL SIZE SAMPLES/MOCK-UP PER SPECIFICATION SECTION 123553, PARAGRAPH 1.4, F.

-PROVIDE SEISMIC PERFORMANCE INFORMATION PER SPEC. 123553,1.3,C & 123553,1.4, G.

-GC TO COORDINATE UNDER CABINET LIGHTS & TASK LIGHTS. AT MOBILE LAB BENCHES, TASK LIGHTS ARE CONNECTED TO OVERHEAD SERVICE CARRIERS AND NEED TWIST LOCK PLUG. COORDINATE WITH ELECTRICAL DRAWINGS TO IDENTIFY THE ELECTRIC OUTLET TO PLUG THE TASK LIGHTS (WHICH IS ALSO CONTROLLED BY OCCUPANCY SENSOR).

-COORDINATE ELECTRICAL OUTLETS WITH ELECTRICAL DRAWINGS & SPECIFICATIONS.

-THE COUNTER TOP SUPPORTING BRACKETS (HAFELE) MUST MEET THE LOADING PERFORMANCE REQUIREMENTS. SELECT A DEEPER BRACKET IF NEEDED.
-PROVIDE 1-1/2" x 1-1/2" STEEL ANGLE BETWEEN THE BRACKETS TO SUPPORT THE COUNTER TOP PER DETAIL 09/A0912.

-PROVIDE ADA-COMPLIANT HANDLES FOR DI FAUCET, GAS VALVES.

-PROVIDE DETAILED SECTIONS OF CABINETS WITH PROPER DIMENSIONS & ANNOTATIONS- SHOWING BLOCKING, REMOVABLE BACK PANEL CONSTRUCTION, SERVICE CHASE...ETC

-INSTALL SNORKEL PER MANUFACTURER'S RECOMMENDATION. LOCATION PER MARKUPS AND DIMENSIONS ON A02xx DRAWINGS.

-ALL CABINETS (WOOD, METAL, FLAMMABLE, ACID) TO BE FLUSH OVERLAY.

-PAPER TOWEL DISPENSER LOCATIONS AT ALL SINKS NOT REVIEWED DUE TO ABSENCE OF PRODUCT DATA.

-PROVIDE PRODUCT DATA FOR D-5, D-6 & PAPER TOWEL DISPENSER.

-REVISE AV CABINET DETAIL PER MARKUPS & DETAILS IN ASI-035.

-FOR ALL SINKS, LOCATE THE SINK AT A CONSISTENT DIMENSION FROM THE EDGE OF COUNTERTOP. REFER 2/A0911.

-GC TO COORDINATE LOCATION OF ALL CASEWORK ON PLAN PER A02xx DRAWINGS.

-ALL WALL MOUNTED SHELVING IS METAL SHELVING SIMILAR TO MOBILE LAB BENCH'S SHELVING. REFER SPEC 123553, 2.8.

-PROVIDE ADA-COMPLIANT EYEWASH FIXTURE AT SINKS.

-FUME HOODS NOT REVIEWED IN THIS SUBMITTAL. ALL FIXTURES ON FUME HOOD TO BE ADA-COMPLIANT & ADA ACCESSIBLE.

-AT MOBILE LAB BENCHES, PROVIDE INNER SHELVES OR SHELF EXTENDERS AT ALL SHELVES.

-CABINET DOOR THICKNESS PER SPEC 123553, 2.6,F - 12,13,14&15.

-PROVIDE DIVIDERS AT MICROSCOPE CABINETS PER 7/A0913.

-CYLINDER STORAGE RACKS ARE CFCI (CONTRACTOR FURNISHED CONTRACTOR INSTALLED) ITEM.

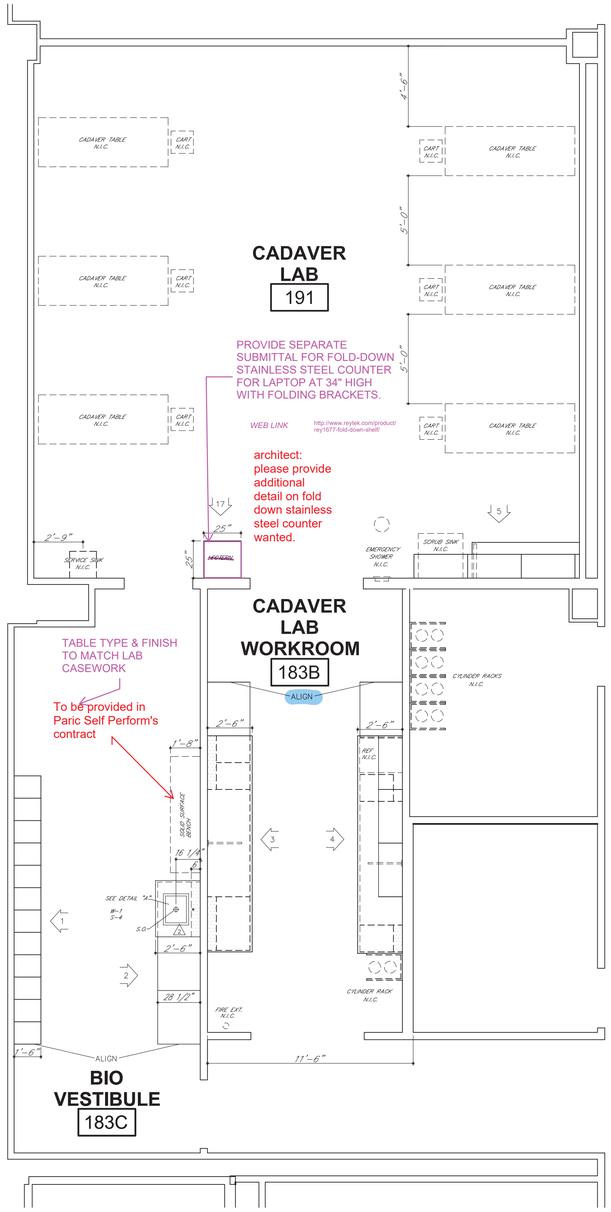
-GC TO COORDINATE SINK TRAPS WITH PLUMBING DRAWINGS.

-PROVIDE HEAVY DUTY LOCKABLE CASTERS FOR MOBILE CABINETS, LEVELING CASTERS NOT REQUIRED.

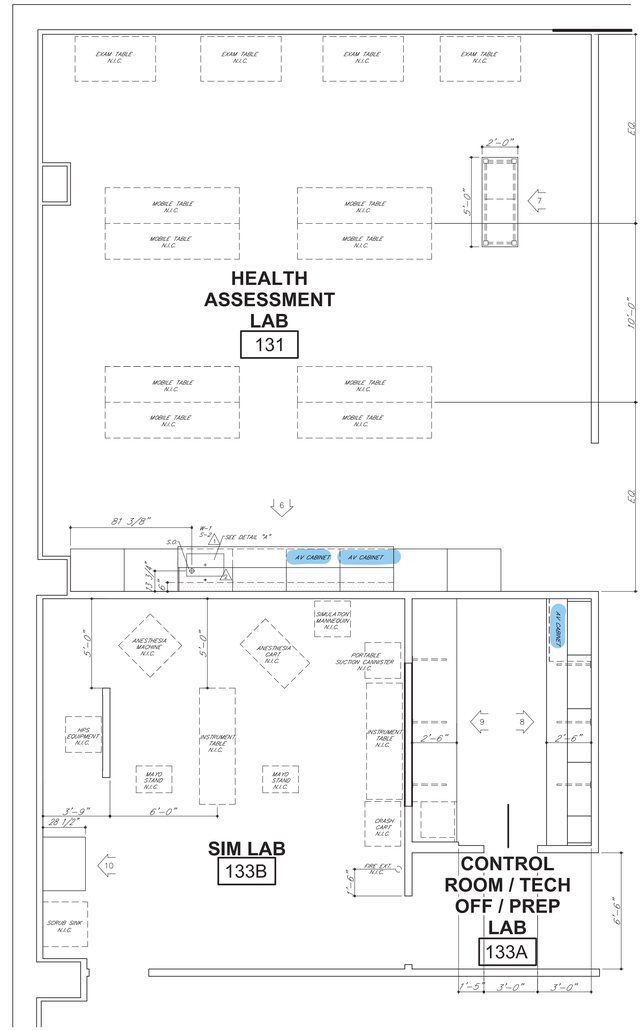
-GC TO COORDINATE LENGTH & LOCATION OF ELECTRICAL WHIP AT TABLES TO ENSURE IT IS ADEQUATE FOR PLUGGING INTO FLOOR BOX OUTLETS.

-AT LAB TABLES, THE WIRE WHIP SHALL EXIT TABLE LEG CLOSEST TO FLOOR BOX. TABLES LEGS WITH ELECTRIC WHIP MARKED ON PLANS

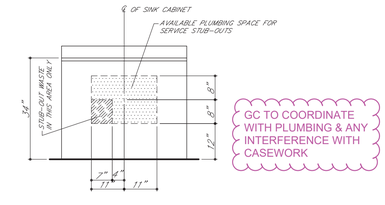
-PROVIDE ADA-COMPLIANT LEG STRETCHERS AT ALL WOOD TABLES.



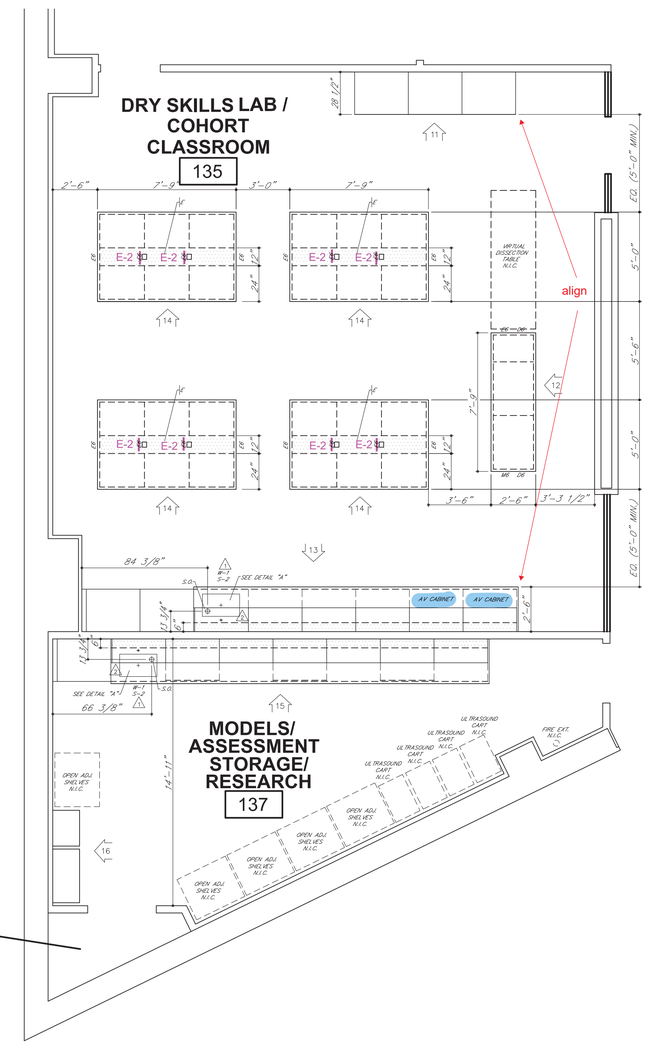
PARTIAL FLOOR PLAN
LEVEL 01 – AREA A – WEST



PARTIAL FLOOR PLAN
LEVEL 01 – AREA B – WEST



DETAIL "A"
(NOT TO SCALE)



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SYM	DATE	BY	REVISIONS
2	01.04.17	MAH	REVISE/RESUBMIT
1	12.22.16	MAH	REVISE/RESUBMIT

GENERAL NOTES FOR TOP LAYOUTS

1. ALL SINK CUTOUTS FOR UNDERCOUNTER SINKS TO BE FINISHED INSIDE.
2. ALL SINK CORNERS TO HAVE 1–1/2" RADIUS.
3. ALL NUMBERED CURBS TO BE SHIPPED LOOSE.
4. ALL SINK CORNERS FOR "JUST" STAINLESS STEEL SINKS CAN BE CUT SQUARE OR LIP TO 1/2" RADIUS.
5. ALL SINK CORNERS FOR "ELKAY" STAINLESS STEEL SINKS TO BE 1–1/2" RADIUS.
6. ALL CURBS TO BE 4" HIGH, UNLESS NOTED OTHERWISE.

TOP LAYOUT LEGEND

V – FINISH SURFACE AND RELIEVE EDGES
R – RELIEVE CORNERS
G – 7/8" DRILL FOR GAS COCK
G2 – 3/4" DRILL FOR GAS COCK PANEL MOUNTED
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A2 – 3/4" DRILL FOR AIR COCK PANEL MOUNTED
V – 7/8" DRILL FOR VACUUM COCK
V2 – 3/4" DRILL FOR VACUUM COCK PANEL MOUNTED
E – 1–1/8" DRILL FOR PEDESTAL ELECTRIC
○ – MARK EACH PIECE AS SHOWN
DG – DRIP GROOVE ON BOTTOM SIDE
CW – 3/4" DRILL FOR COLD WATER FAUCET
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DW – 7/8" DRILL FOR DISTILLED WATER FAUCET
CX – SEE CX DETAIL
MX – 1–1/4" DRILL FOR HOT AND COLD WATER MIXING FAUCET
RS – 1–1/8" DRILL FOR ROD SOCKET
FP – SEE FLUSH PLATE DETAIL
HX – SEE HX DETAIL
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SE – 2–3/8" X 3–5/8" CUTOUT FOR SINGLE ELECTRIC
DE – 3–5/8" X 4–3/8" CUTOUT FOR DOUBLE ELECTRIC
DI – 7/8" DRILL FOR DEIONIZED WATER FIXTURE
B/J – BUTT JOINT
C.T.F. – CUT TO FIT AT JOBSITE
IF VANDAL RESISTANT FIXTURES/FAUCETS ARE PROVIDED, REFERENCE DETAILS.

GENERAL NOTES FOR ROUGH–IN

1. SHADED AREA WITHIN EACH UNIT INDICATES THE AVAILABLE PLUMBING SPACE. ALL SERVICES MUST BE LOCATED WITHIN THIS AREA.
2. SEE ARCHITECT'S PLAN FOR SIZE AND TYPE OF ALL PIPE, WIRE, AND CONDUIT, AND FOR ANY VENTS OR REVENTS REQUIRED.
3. ALL WASTES ARE 1–1/2" UNLESS NOTED OTHERWISE.
4. ONLY ITEMS TO BE SUPPLIED BY *ICI* ARE ROUGHED–IN.

IF TRAPS ARE TO BE FURNISHED BY *ICI*

1. IF SERVICES STUB–OUT THROUGH WALL, WASTE SHOULD BE LOCATED DIRECTLY BEHIND THE SINK OUTLET. MINIMUM AND MAXIMUM HEIGHT OF WASTE STUB–OUT TO BE AS INDICATED AT EACH UNIT. HEIGHT OF ALL OTHER SERVICES TO BE APPROXIMATELY 16" ABOVE FINISHED FLOOR. ALL OTHER SERVICES SHOULD STUB–OUT APPROXIMATELY 3" APART. ALL SERVICES MUST STUB–OUT WITHIN THE AVAILABLE PLUMBING SPACE.
2. IF SERVICES STUB–UP THROUGH FLOOR, WASTE SHOULD BE LOCATED 6" FROM SINK OUTLET. ALL OTHER SERVICES SHOULD STUB–UP APPROXIMATELY 3" APART. HEIGHT OF ALL SERVICES TO BE 6" ABOVE FINISHED FLOOR. ALL SERVICES MUST STUB–UP WITHIN THE AVAILABLE PLUMBING SPACE.
3. NOTE TYPE OF TRAP ("P" OR "S") LISTED ON SHOP DRAWING ELEVATIONS OR SHOP DRAWING BROCHURE FOR EACH SINK UNIT. UPON APPROVAL OF THESE DRAWINGS, EACH TYPE SPECIFIED WILL BE ASSUMED CORRECT UNLESS SPECIFICALLY NOTED OTHERWISE.

IF TRAPS ARE TO BE FURNISHED BY OTHERS

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ROUGH–IN LEGEND

W – WASTE
CW – COLD WATER
HW – HOT WATER
DW – DISTILLED WATER
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E – 115 V.A.C. ELECTRIC
E1 – 220 V.A.C. ELECTRIC
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ELEVATION LEGEND

A.S. – ADJUSTABLE SHELF
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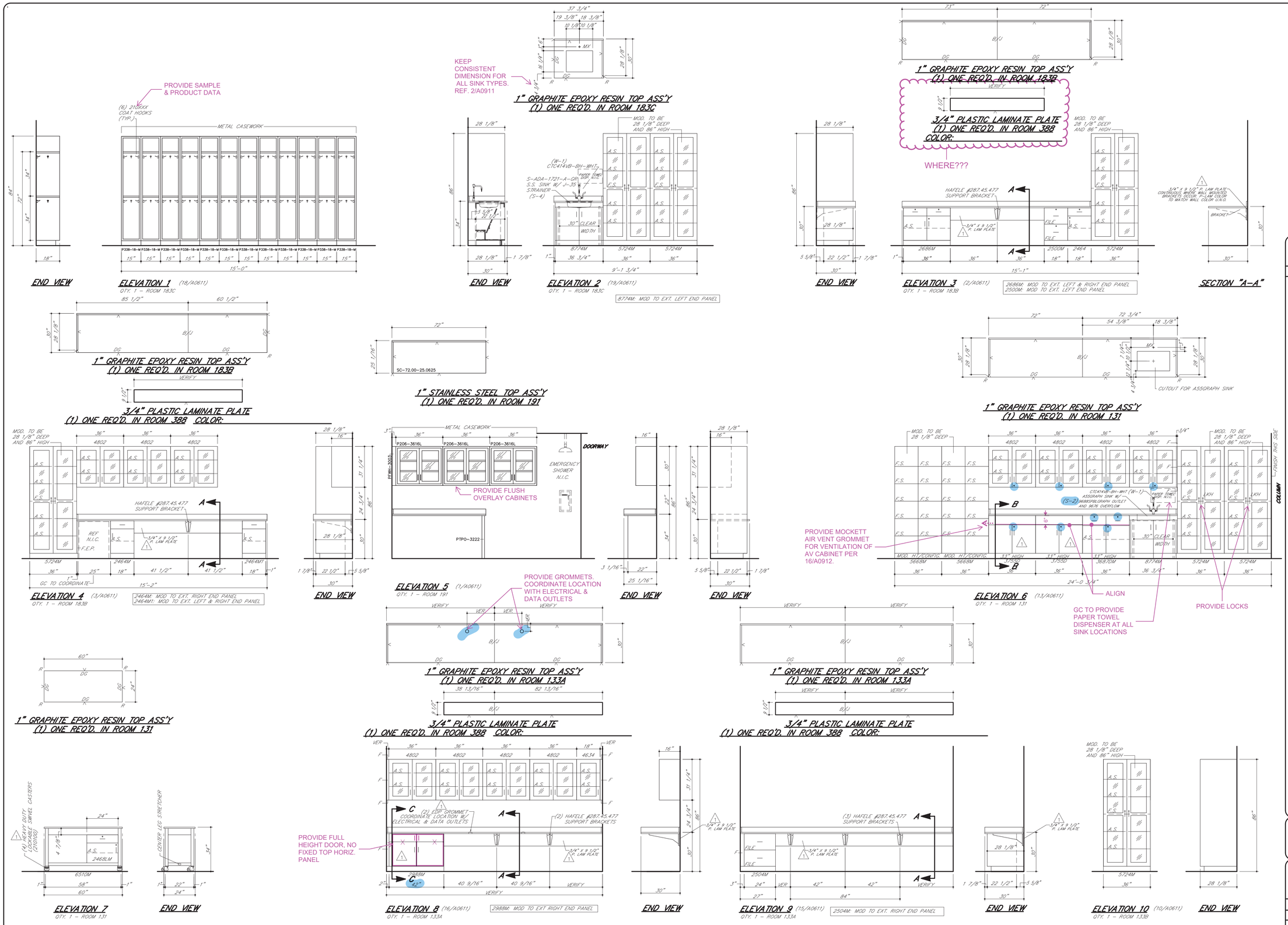
INSTITUTIONAL CASEWORK INC.
1865 North Market Street
Paris, TN 38242
(731) 642-4251

SCIENCE EQUIPMENT ROUGH–IN
WEBSTER UNIVERSITY
WEBSTER GROVES, MO

DIST.	CARROLL SEATING	JOB NO.	04437A
DRN. BY	C. MARTIN	CKD. BY	
DATE	08/26/16	DWG. NO.	04437AR1
SCALE	1/4" = 1'-0"	SHEET	1 OF 3



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SYM	DATE	BY	REVISIONS
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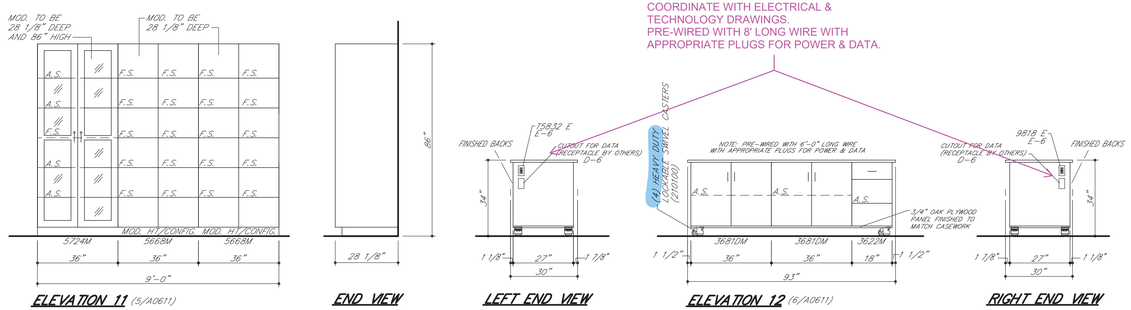
EQUIP. ELEVATIONS & TOP L.O.
WEBSTER UNIVERSITY
WEBSTER GROVES, MO

DIST.	CARROLL SEATING	JOB NO.	04437A
DRN. BY	C. MARTIN	CKD. BY	
DATE	09/26/16	DWG. NO.	04437AE1
SCALE	3/8" = 1'–0"	SHEET	2 OF 3



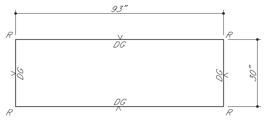
ELEVATION 11 (5/A0611)
QTY. 1 – ROOM 135

END VIEW

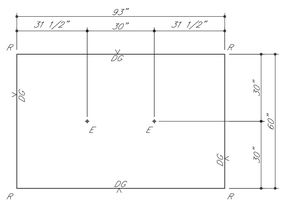
LEFT END VIEW

ELEVATION 12 (6/A0611)
QTY. 1 – ROOM 135

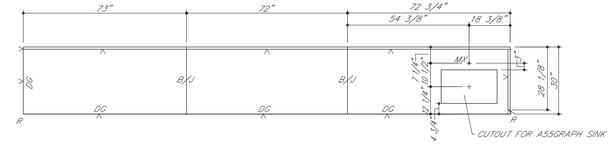
RIGHT END VIEW



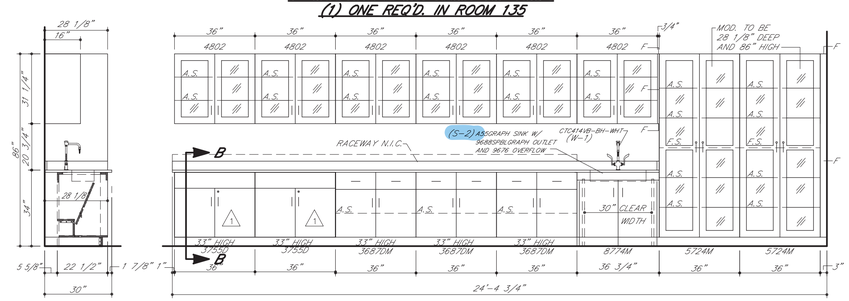
1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 135



1" GRAPHITE EPOXY RESIN TOP ASS'Y
(4) FOUR REQ'D. IN ROOM 135

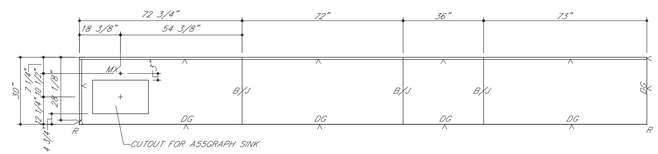


1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 135

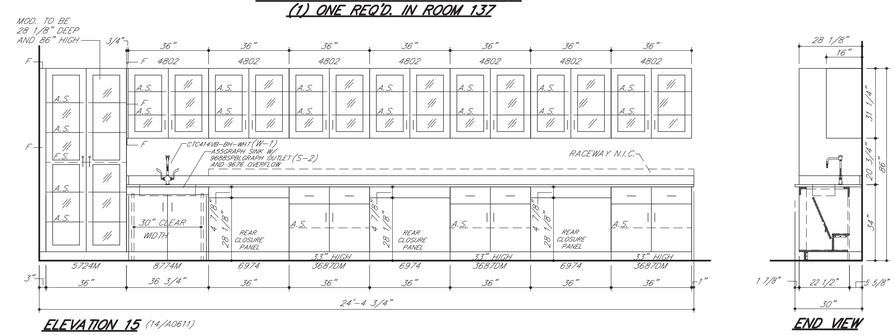


END VIEW

ELEVATION 13 (4/A0611)
QTY. 1 – ROOM 135

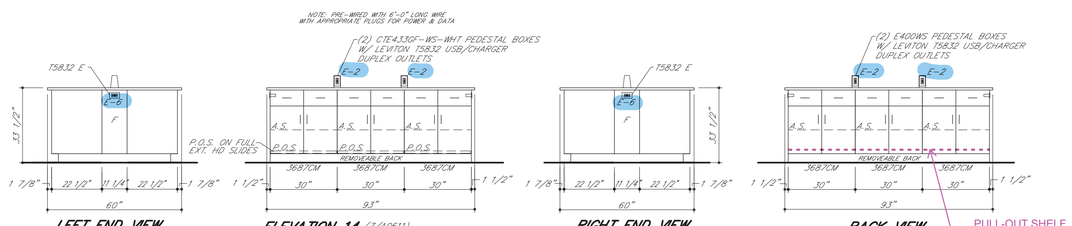


1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 137



ELEVATION 15 (14/A0611)
QTY. 1 – ROOM 137

END VIEW

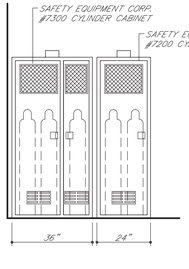


LEFT END VIEW

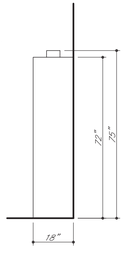
ELEVATION 14 (7/A0611)
QTY. 4 – ROOM 135

RIGHT END VIEW

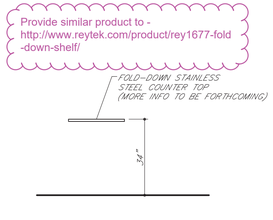
BACK VIEW



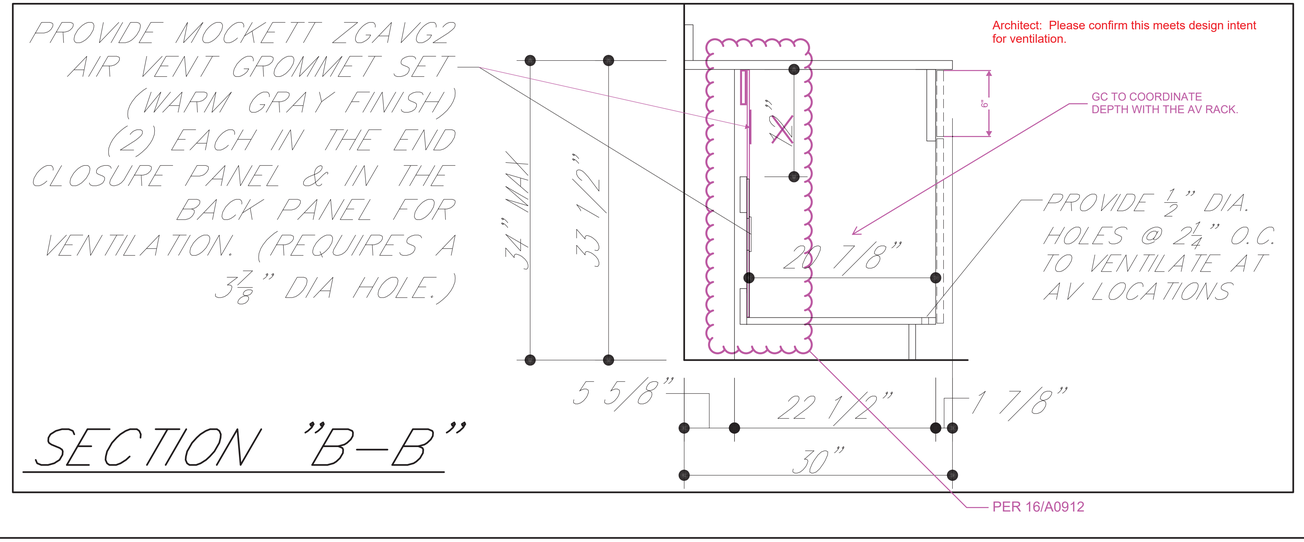
ELEVATION 16
QTY. 1 – ROOM 137



END VIEW



ELEVATION 17
QTY. 1 – ROOM 191



SECTION "B–B"

FSC
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SYM	DATE	BY	REVISIONS
1	01.04.17	MAH	REVISE/RESUBMIT
2	12.22.16	MAH	REVISE/RESUBMIT

GENERAL NOTES FOR TOP LAYOUTS

1. ALL SINK CUTOUTS FOR UNDERCOUNTER SINKS TO BE FINISHED INSIDE.
2. ALL SINK CORNERS TO HAVE 1–1/2" RADIUS.
3. ALL NUMBERED CURBS TO BE SHIPPED LOOSE.
4. ALL SINK CORNERS FOR "JUST" STAINLESS STEEL SINKS CAN BE CUT SQUARE OR UP TO 1/2" RADIUS.
5. ALL SINK CORNERS FOR "ELKAY" STAINLESS STEEL SINKS TO BE 1–1/2" RADIUS.
6. ALL CURBS TO BE 4" HIGH, UNLESS NOTED OTHERWISE.

TOP LAYOUT LEGEND

V – FINISH SURFACE AND RELIEVE EDGES
R – RELIEVE CORNERS
G – 7/8" DRILL FOR GAS COCK
G2 – 3/4" DRILL FOR GAS COCK PANEL MOUNTED
A – 7/8" DRILL FOR AIR COCK
A2 – 3/4" DRILL FOR AIR COCK PANEL MOUNTED
V – 7/8" DRILL FOR VACUUM COCK
V2 – 3/4" DRILL FOR VACUUM COCK PANEL MOUNTED
E – 1–1/8" DRILL FOR PEDESTAL ELECTRIC
○ – MARK EACH PIECE AS SHOWN
DG – DRIP GROOVE ON BOTTOM SIDE
CW – 3/4" DRILL FOR COLD WATER FAUCET
CW2 – 7/8" DRILL FOR COLD WATER FAUCET
HW – 3/4" DRILL FOR HOT WATER FAUCET
HW2 – 7/8" DRILL FOR HOT WATER FAUCET
DW – 7/8" DRILL FOR DISTILLED WATER FAUCET
CX – SEE CX DETAIL
MX – 1–1/4" DRILL FOR HOT AND COLD WATER MIXING FAUCET
RS – 1–1/8" DRILL FOR ROD SOCKET
FP – SEE FLUSH PLATE DETAIL
HX – SEE HX DETAIL
VX – SEE VX DETAIL
SE – 2–3/8" X 3–5/8" CUTOUT FOR SINGLE ELECTRIC
DE – 3–5/8" X 4–3/8" CUTOUT FOR DOUBLE ELECTRIC
DI – 7/8" DRILL FOR DEIONIZED WATER FIXTURE
B/J – BUTT JOINT
C.T.F. – CUT TO FIT AT JOBSITE
IF VANDAL RESISTANT FIXTURES/FAUCETS ARE PROVIDED, REFERENCE DETAILS.

GENERAL NOTES FOR ROUGH–IN

1. SHADED AREA WITHIN EACH UNIT INDICATES THE AVAILABLE PLUMBING SPACE. ALL SERVICES MUST BE LOCATED WITHIN THIS AREA.
2. SEE ARCHITECT'S PLAN FOR SIZE AND TYPE OF ALL PIPE, WIRE, AND CONDUIT, AND FOR ANY VENTS OR REVENTS REQUIRED.
3. ALL WASTES ARE 1–1/2" UNLESS NOTED OTHERWISE.
4. ONLY ITEMS TO BE SUPPLIED BY *ICI* ARE ROUGHED–IN.

IF TRAPS ARE TO BE FURNISHED BY *ICI*

1. IF SERVICES STUB–OUT THROUGH WALL, WASTE SHOULD BE LOCATED DIRECTLY BEHIND THE SINK OUTLET. MINIMUM AND MAXIMUM HEIGHT OF WASTE STUB–OUT TO BE AS INDICATED AT EACH UNIT. HEIGHT OF ALL OTHER SERVICES TO BE APPROXIMATELY 16" ABOVE FINISHED FLOOR. ALL OTHER SERVICES SHOULD STUB–OUT APPROXIMATELY 3" APART. ALL SERVICES MUST STUB–OUT WITHIN THE AVAILABLE PLUMBING SPACE.
2. IF SERVICES STUB–UP THROUGH FLOOR, WASTE SHOULD BE LOCATED 6" FROM SINK OUTLET. ALL OTHER SERVICES SHOULD STUB–UP APPROXIMATELY 3" APART. HEIGHT OF ALL SERVICES TO BE 6" ABOVE FINISHED FLOOR. ALL SERVICES MUST STUB–UP WITHIN THE AVAILABLE PLUMBING SPACE.
3. NOTE TYPE OF TRAP ("P" OR "S") LISTED ON SHOP DRAWING ELEVATIONS OR SHOP DRAWING BROCHURE FOR EACH SINK UNIT. UPON APPROVAL OF THESE DRAWINGS, EACH TYPE SPECIFIED WILL BE ASSUMED CORRECT UNLESS SPECIFICALLY NOTED OTHERWISE.

IF TRAPS ARE TO BE FURNISHED BY OTHERS

1. IF SERVICES STUB–OUT THROUGH WALL, LOCATION AND HEIGHT OF WASTE TO BE DETERMINED BY TRAP SUPPLIER. ALL OTHER SERVICES SHOULD STUB–OUT APPROXIMATELY 16" ABOVE FINISHED FLOOR. ALL SERVICES MUST STUB–OUT WITHIN THE AVAILABLE PLUMBING SPACE.
2. IF SERVICES STUB–UP THROUGH FLOOR, LOCATION OF WASTE TO BE DETERMINED BY TRAP SUPPLIER. ALL SERVICES SHOULD STUB–UP 6" ABOVE FINISHED FLOOR. ALL SERVICES MUST STUB–UP WITHIN THE AVAILABLE PLUMBING SPACE.
3. DIMENSION FOLLOWING DESIGNATION OF SINK OUTLET INDICATES HEIGHT FROM FINISHED FLOOR TO BOTTOM OF SINK OUTLET OR TAILPIECE. REFER TO SHOP DRAWING ELEVATIONS OR SHOP DRAWING BROCHURE TO VERIFY WHICH IS APPLICABLE.

ROUGH–IN LEGEND

W – WASTE
CW – COLD WATER
HW – HOT WATER
DW – DISTILLED WATER
DI – DEIONIZED WATER
G – GAS
A – AIR
V – VACUUM
S – STEAM
E – 115 V.A.C. ELECTRIC
E1 – 220 V.A.C. ELECTRIC
S.O. – (⊕) SINK OUTLET
P.C. – PIPE CHASE

ELEVATION LEGEND

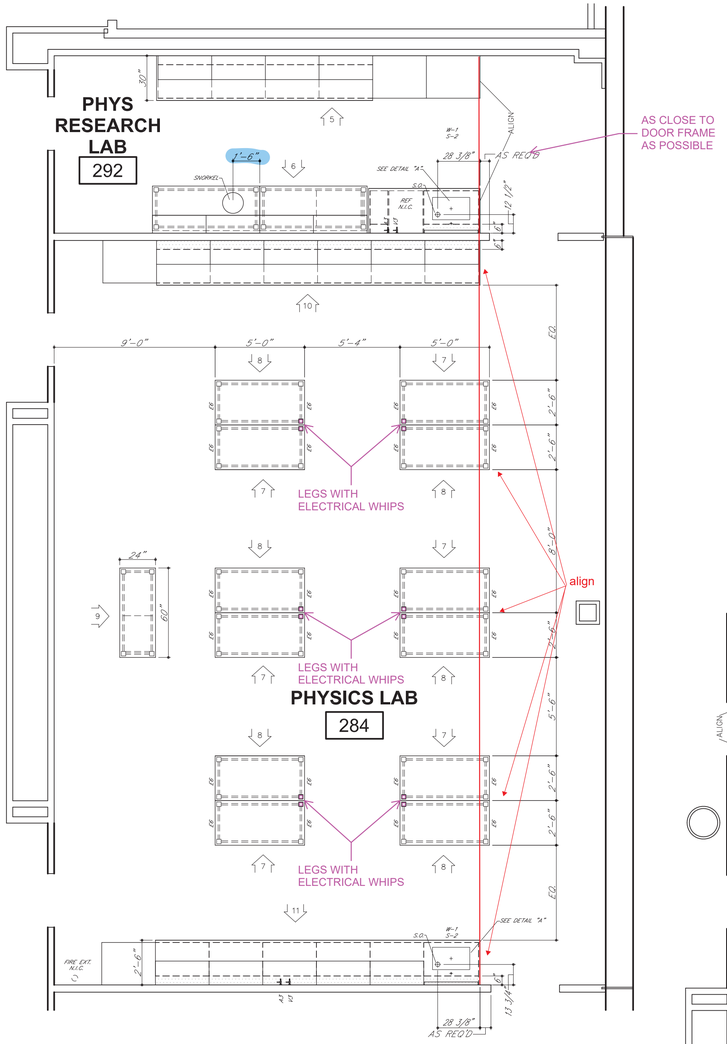
A.S. – ADJUSTABLE SHELF
LTH – 3 PT. LATCHING HANDLE
LKH – 3 PT. LOCKING HANDLE
RMS – REVOLVING METAL SHELF
P.S. – PULL OUT SHELF
* – MASTERKEYED LOCK
F.S. – FIXED SHELF
R/C/P – REAR CLOSURE PANEL
F/C/P – FRONT CLOSURE PANEL
F – FILLER

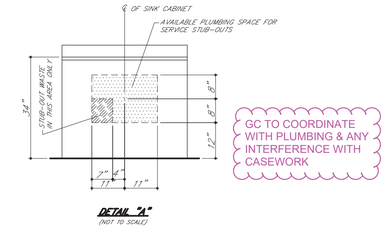
ROUGHING–IN DRAWINGS ARE OF AN ADVISORY NATURE, TO BE USED AS A GUIDE BY THE MECHANICAL CONTRACTOR TO EFFECT ROUGHING–IN THAT WILL BE WITHIN THE SHADED AREA (REFERRED TO AS PLUMBING SPACE) OF THE CABINET TO ALLOW FOR ACCESS TO SHUT–OFFS, TRAPS, SERVICE LINES AND ELECTRIC JUNCTION BOXES. THESE ROUGH–IN DRAWINGS SHALL NOT BE CONSIDERED AS AN AUTHORITY TO MAKE ANY CHANGES IN MECHANICAL OR ELECTRICAL CONTRACTS OR SUB–CONTRACTS ALREADY HELD BY THOSE DOING WORK FOR THE OWNER. FURTHERMORE, ANY VARIATIONS FROM THE ROUGH–IN SHOWN MADE NECESSARY BY BEAMS OR OTHER BUILDING CONDITIONS SHALL IN NO WAY BE CONSIDERED A LIABILITY RESULTING FROM THE PREPARATION AND SUBMISSION OF THESE DRAWINGS.

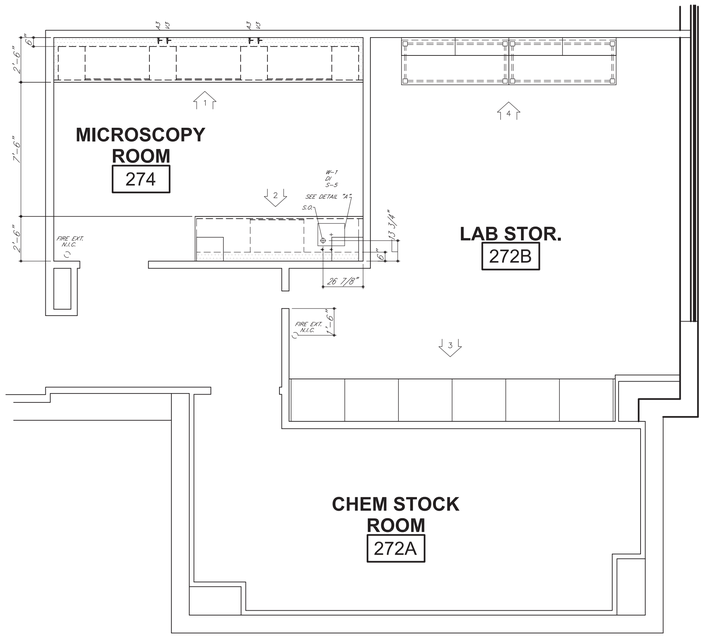
INSTITUTIONAL CASEWORK INC.
1865 North Market Street
Paris, TN 38242
(731) 642-4251

EQUIP. ELEVATIONS & TOP L.O.
WEBSTER UNIVERSITY
WEBSTER GROVES, MO

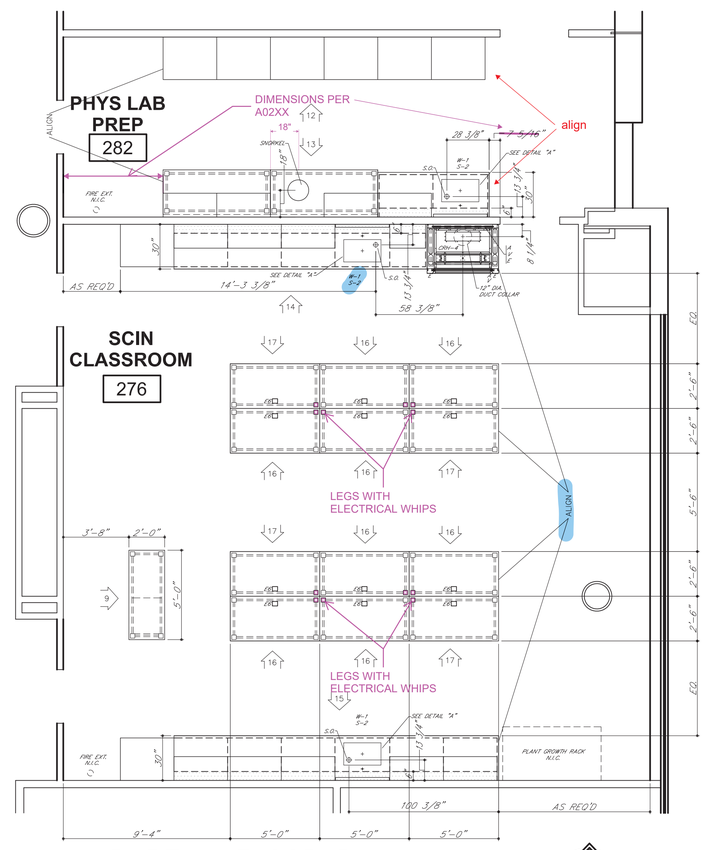
DIST.	CARROLL SEATING	JOB NO.	04437A
DRN. BY	C. MARTIN	CKD. BY	
DATE	09/26/16	DWG. NO.	04437AE2
SCALE	3/8" = 1'-0"	SHEET	3 OF 3







PARTIAL FLOOR PLAN
LEVEL 02 – AREA A – EAST
SOUTH END



PARTIAL FLOOR PLAN
LEVEL 02 – AREA A – EAST
NORTH END

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SYM	DATE	BY	REVISIONS
A	01.04.17	MAH	REVISE/RESUBMIT
B	12.22.16	MAH	REVISE/RESUBMIT

GENERAL NOTES FOR TOP LAYOUTS

1. ALL SINK CUTOUTS FOR UNDERCOUNTER SINKS TO BE FINISHED INSIDE.
2. ALL SINK CORNERS TO HAVE 1–1/2" RADIUS.
3. ALL NUMBERED CURBS TO BE SHIPPED LOOSE.
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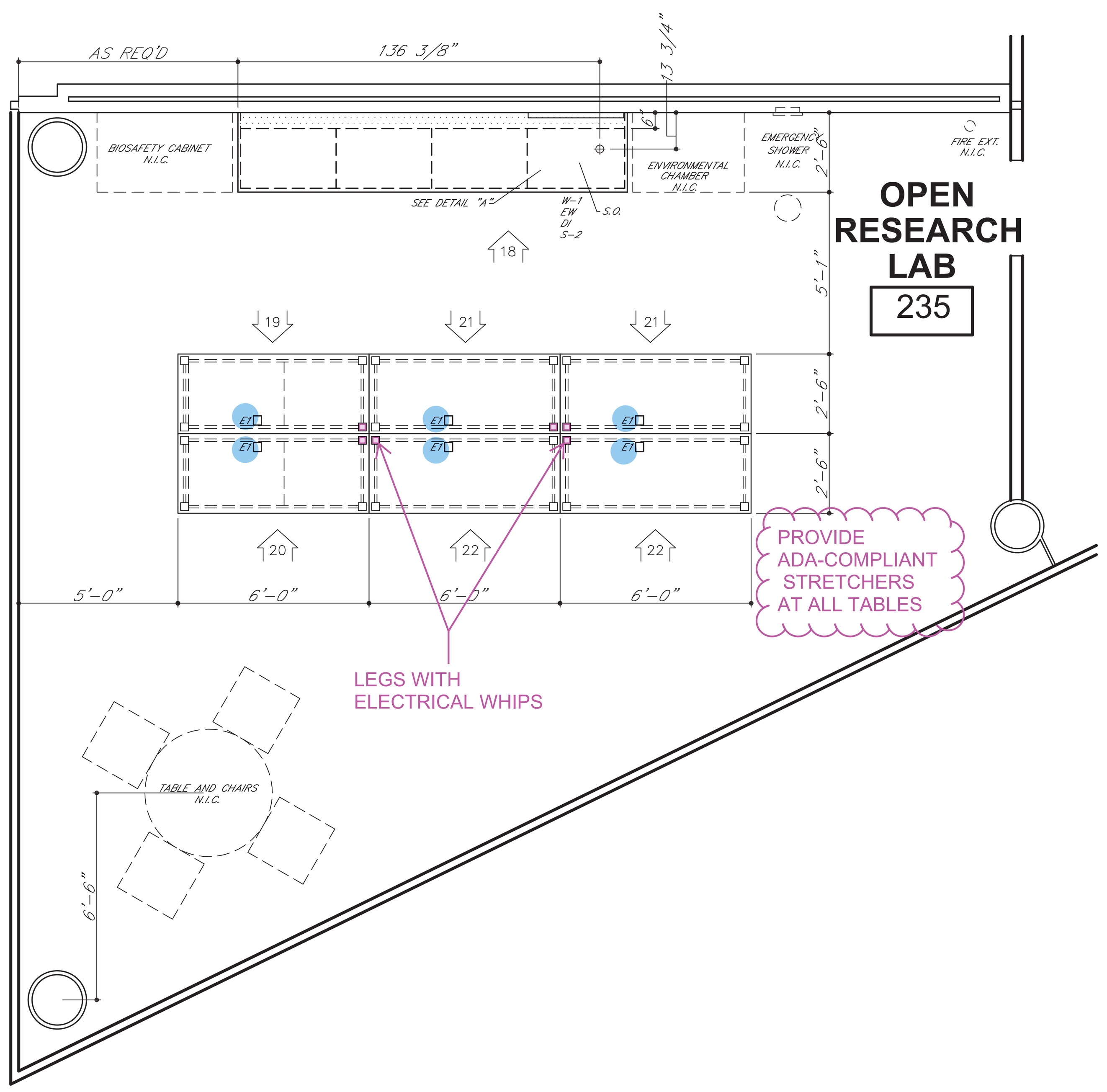
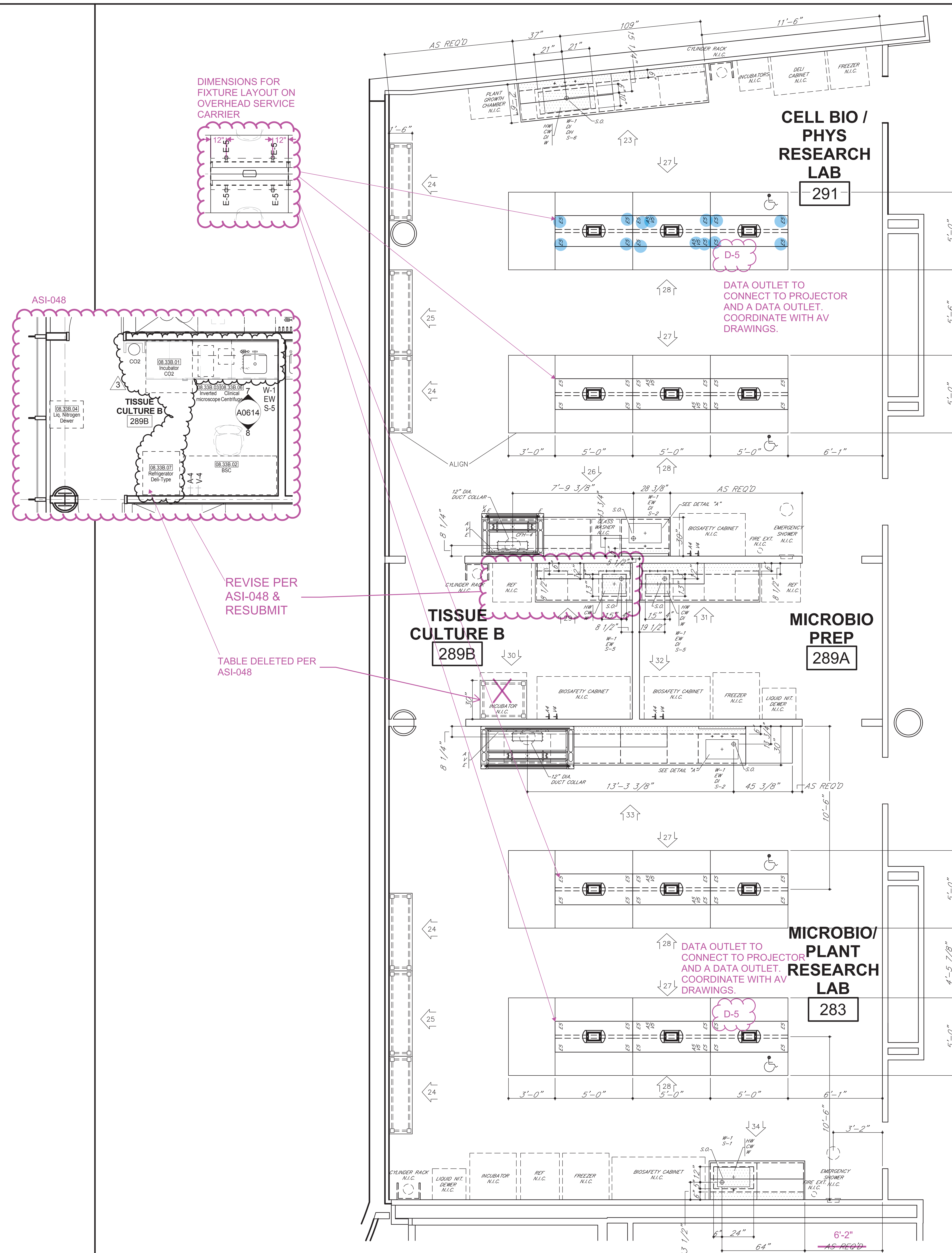
Paris, TN 38242
(731) 642-4251

SCIENCE EQUIPMENT ROUGH–IN
WEBSTER UNIVERSITY
WEBSTER GROVES, MO

DIST.	CARROLL SEATING	JOB NO.	044378
DRN. BY	C. MARTIN	CKD. BY	
DATE	08/26/16	DWG. NO.	044378R1
SCALE	1/4" = 1'-0"	SHEET	1 OF 6



PARTIAL FLOOR PLAN
LEVEL 02 – AREA B – WEST



PARTIAL FLOOR PLAN
LEVEL 02 – AREA A – WEST

SYM	DATE	BY	REVISIONS
△	01.04.17	MAH	REVISE/RESUBMIT
△	12.22.16	MAH	REVISE/RESUBMIT

GENERAL NOTES FOR TOP LAYOUTS

1. ALL SINK CUTOUTS FOR UNDERCOUNTER SINKS TO BE FINISHED INSIDE.
2. ALL SINK CORNERS TO HAVE 1-1/2" RADIUS.
3. ALL NUMBERED CURBS TO BE SHIPPED LOOSE.
4. ALL SINK CORNERS FOR "JUST" STAINLESS STEEL SINKS CAN BE CUT SQUARE OR UP TO 1/2" RADIUS.
5. ALL SINK CORNERS FOR "ELKAY" STAINLESS STEEL SINKS TO BE 1-1/2" RADIUS.
6. ALL CURBS TO BE 4" HIGH, UNLESS NOTED OTHERWISE.

TOP LAYOUT LEGEND

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R – RELIEVE CORNERS
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G2 – 3/4" DRILL FOR GAS COCK PANEL MOUNTED
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A2 – 3/4" DRILL FOR AIR COCK PANEL MOUNTED
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○ – MARK EACH PIECE AS SHOWN
DG – DRIP GROOVE ON BOTTOM SIDE
CW – 3/4" DRILL FOR COLD WATER FAUCET
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C.T.F. – CUT TO FIT AT JOBSITE
IF VANDAL RESISTANT FIXTURES/FAUCETS ARE PROVIDED, REFERENCE DETAILS.

GENERAL NOTES FOR ROUGH-IN

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2. SEE ARCHITECT'S PLAN FOR SIZE AND TYPE OF ALL PIPE, WIRE, AND CONDUIT, AND FOR ANY VENTS OR REVENTS REQUIRED.
3. ALL WASTES ARE 1-1/2" UNLESS NOTED OTHERWISE.
4. ONLY ITEMS TO BE SUPPLIED BY CampbellRhea ARE ROUGHED-IN.

IF TRAPS ARE TO BE FURNISHED BY CampbellRhea

1. IF SERVICES STUB-OUT THROUGH WALL, WASTE SHOULD BE LOCATED DIRECTLY BEHIND THE SINK OUTLET. MINIMUM AND MAXIMUM HEIGHT OF WASTE STUB-OUT TO BE AS INDICATED AT EACH UNIT. HEIGHT OF ALL OTHER SERVICES TO BE APPROXIMATELY 16" ABOVE FINISHED FLOOR. ALL OTHER SERVICES SHOULD STUB-OUT APPROXIMATELY 3" APART. ALL SERVICES MUST STUB-OUT WITHIN THE AVAILABLE PLUMBING SPACE.
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IF TRAPS ARE TO BE FURNISHED BY OTHERS

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ROUGH-IN LEGEND

W – WASTE
CW – COLD WATER
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V – VACUUM
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CampbellRhea INSTITUTIONAL CASEWORK INC.
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1865 North Market Street
Paris, TN 38242
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SCIENCE EQUIPMENT ROUGH-IN
WEBSTER UNIVERSITY
WEBSTER GROVES, MO

DIST. CARROLL SEATING	JOB NO. 04437B
DRN. BY C. MARTIN	CKD. BY
DATE 09/26/16	DWG. NO. 04437BR2
SCALE 1/4" = 1'-0"	SHEET 2 OF 6

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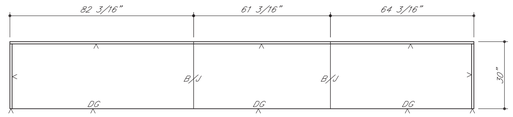
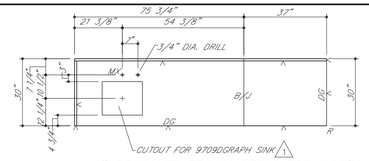
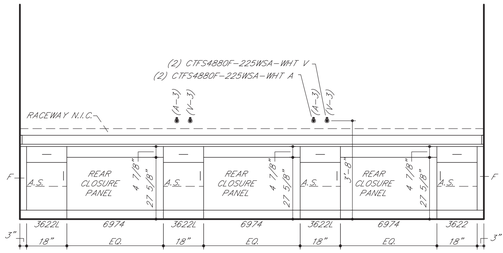
The mark of responsible forestry



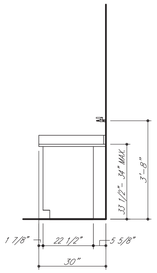
1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 274



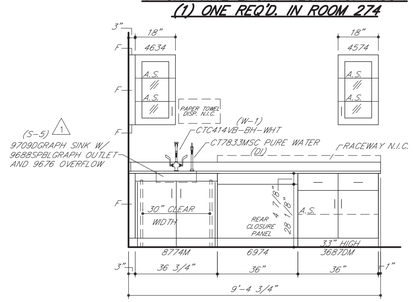
1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 274



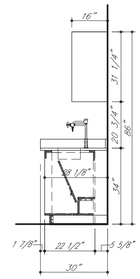
ELEVATION 1 (2/A0613)
QTY. 1 – ROOM 274



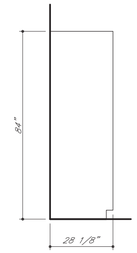
END VIEW



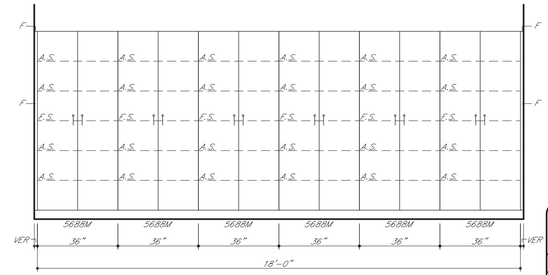
ELEVATION 2 (1/A0613)
QTY. 1 – ROOM 274
3687DM: MOD HEIGHT & EXT. RIGHT END PANEL



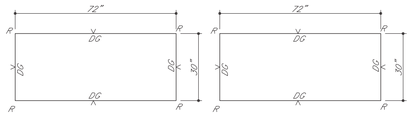
END VIEW

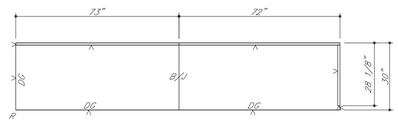


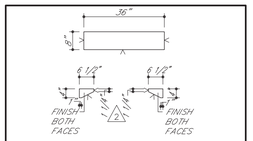
END VIEW



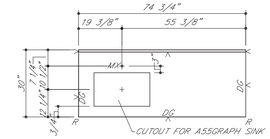
ELEVATION 3 (4/A0613)
QTY. 1 – ROOM 272B
5688M: MOD DEPTH





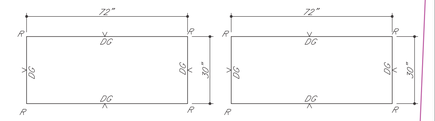


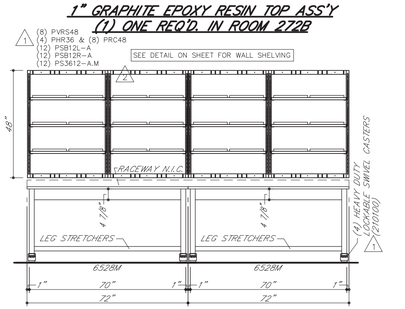
1" GRAPHITE EPOXY RESIN
PEGBOARD SHELF ASS'Y
(1) ONE REQ'D.



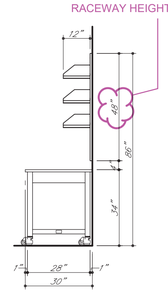
1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 292

REVISE STANDARDS HEIGHT TO ACCOUNT FOR ELECTRICAL RACEWAY HEIGHT

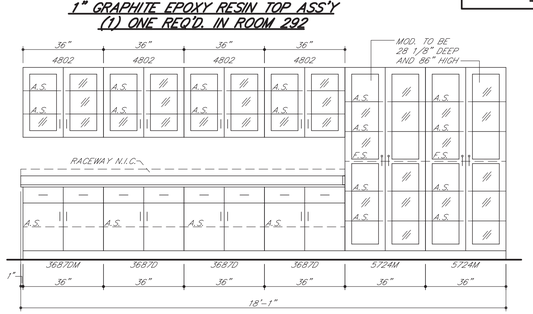




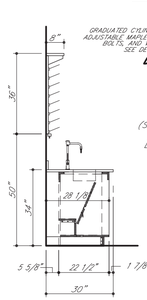
ELEVATION 4 (3/A0613)
QTY. 1 – ROOM 272B



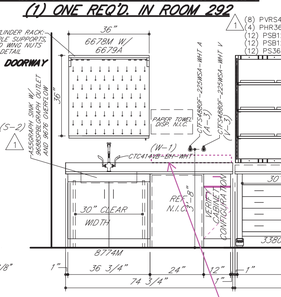
END VIEW



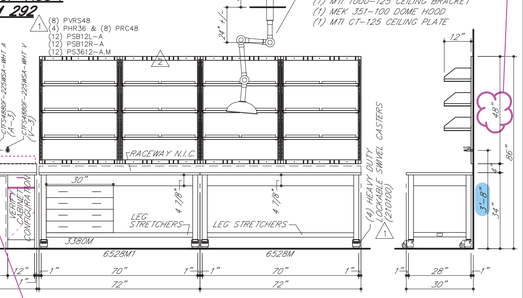
ELEVATION 5 (12/A0613)
QTY. 1 – ROOM 292
3687DM: MOD TO EXT. LEFT END PANEL



LEFT END VIEW

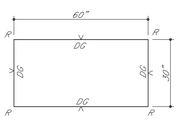


ELEVATION 6 (9/A0613)
QTY. 1 – ROOM 292
8774M: MOD TO EXT. LEFT END PANEL

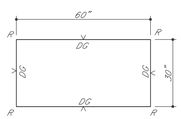


RIGHT END VIEW

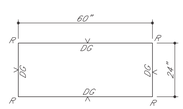
GC TO COORDINATE SO THAT THERE IS NO CONFLICT BETWEEN RACEWAY AND A-3 & V-3 AT ALL SUCH CONDITIONS



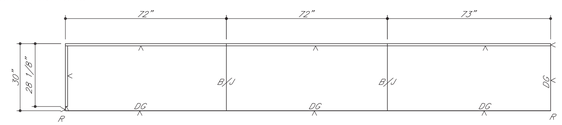
1" GRAPHITE EPOXY RESIN TOP ASS'Y
(6) SIX REQ'D. IN ROOM 284



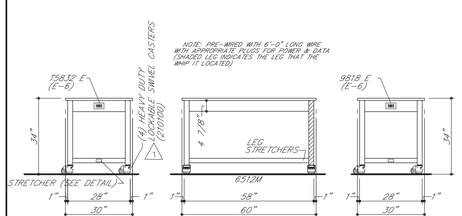
1" GRAPHITE EPOXY RESIN TOP ASS'Y
(6) SIX REQ'D. IN ROOM 284



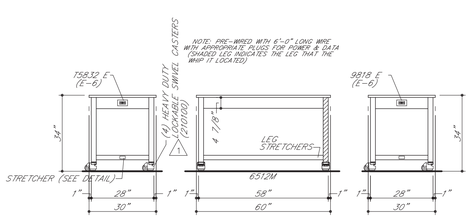
1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 276
(1) ONE REQ'D. IN ROOM 284



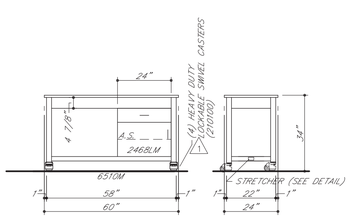
1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 284



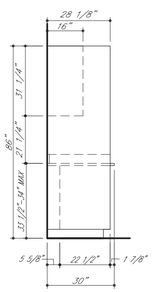
LEFT END VIEW
ELEVATION 7
QTY. 6 – ROOM 284
RIGHT END VIEW



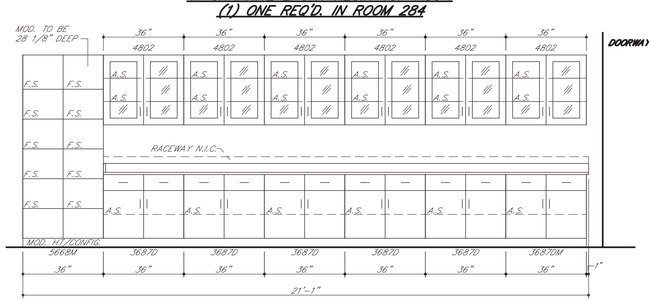
LEFT END VIEW
ELEVATION 8
QTY. 6 – ROOM 284
RIGHT END VIEW



ELEVATION 9 (12/A0618)
QTY. 2 – ROOMS 276 AND 284
END VIEW



END VIEW



ELEVATION 10 (8/A0613)
QTY. 1 – ROOM 284
3687DM: MOD TO EXT. RIGHT END PANEL

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SYM	DATE	BY	REVISIONS
2	01.04.17	MAH	REVISE/RESUBMIT
1	12.22.16	MAH	REVISE/RESUBMIT

GENERAL NOTES FOR TOP LAYOUTS

1. ALL SINK CUTOUTS FOR UNDERCOUNTER SINKS TO BE FINISHED INSIDE.
2. ALL SINK CORNERS TO HAVE 1–1/2" RADIUS.
3. ALL NUMBERED CURBS TO BE SHIPPED LOOSE.
4. ALL SINK CORNERS FOR "elkay" STAINLESS STEEL SINKS CAN BE CUT SQUARE OR UP TO 1/2" RADIUS.
5. ALL SINK CORNERS FOR "ELKAY" STAINLESS STEEL SINKS TO BE 1–1/2" RADIUS.
6. ALL CURBS TO BE 4" HIGH, UNLESS NOTED OTHERWISE.

TOP LAYOUT LEGEND

V – FINISH SURFACE AND RELIEVE EDGES
R – RELIEVE CORNERS
G – 7/8" DRILL FOR GAS COCK
G2 – 3/4" DRILL FOR GAS COCK PANEL MOUNTED
A – 7/8" DRILL FOR AIR COCK
A2 – 3/4" DRILL FOR AIR COCK PANEL MOUNTED
V – 7/8" DRILL FOR VACUUM COCK
V2 – 3/4" DRILL FOR VACUUM COCK PANEL MOUNTED
E – 1–1/8" DRILL FOR PEDESTAL ELECTRIC
○ – MARK EACH PIECE AS SHOWN
DG – DRIP GROOVE ON BOTTOM SIDE
CW – 3/4" DRILL FOR COLD WATER FAUCET
CW2 – 7/8" DRILL FOR COLD WATER FAUCET
HW – 3/4" DRILL FOR HOT WATER FAUCET
HW2 – 7/8" DRILL FOR HOT WATER FAUCET
DW – 7/8" DRILL FOR DISTILLED WATER FAUCET
CX – SEE CX DETAIL
MX – 1–1/4" DRILL FOR HOT AND COLD WATER MIXING FAUCET
RS – 1–1/8" DRILL FOR ROD SOCKET
FP – SEE FLUSH PLATE DETAIL
HX – SEE HX DETAIL
VX – SEE VX DETAIL
SE – 2–3/8" X 3–5/8" CUTOUT FOR SINGLE ELECTRIC
DE – 3–5/8" X 4–3/8" CUTOUT FOR DOUBLE ELECTRIC
DI – 7/8" DRILL FOR DEIONIZED WATER FIXTURE
B/J – BUTT JOINT
C.I.F. – CUT TO FIT AT JOBSITE
IF VANDAL RESISTANT FIXTURES/FAUCETS ARE PROVIDED, REFERENCE DETAILS.

GENERAL NOTES FOR ROUGH–IN

1. SHADED AREA WITHIN EACH UNIT INDICATES THE AVAILABLE PLUMBING SPACE. ALL SERVICES MUST BE LOCATED WITHIN THIS AREA.
2. SEE ARCHITECT'S PLAN FOR SIZE AND TYPE OF ALL PIPE, WIRE, AND CONDUIT, AND FOR ANY VENTS OR REVENTS REQUIRED.
3. ALL WASTES ARE 1–1/2" UNLESS NOTED OTHERWISE.
4. ONLY ITEMS TO BE SUPPLIED BY *ICI* ARE ROUGHED–IN.

IF TRAPS ARE TO BE FURNISHED BY *ICI*

1. IF SERVICES STUB–OUT THROUGH WALL, WASTE SHOULD BE LOCATED DIRECTLY BEHIND THE SINK OUTLET. MINIMUM AND MAXIMUM HEIGHT OF WASTE STUB–OUT TO BE AS INDICATED AT EACH UNIT. HEIGHT OF ALL OTHER SERVICES TO BE APPROXIMATELY 16" ABOVE FINISHED FLOOR. ALL OTHER SERVICES SHOULD STUB–OUT APPROXIMATELY 3" APART. ALL SERVICES MUST STUB–OUT WITHIN THE AVAILABLE PLUMBING SPACE.
2. IF SERVICES STUB–UP THROUGH FLOOR, WASTE SHOULD BE LOCATED 6" FROM SINK OUTLET. ALL OTHER SERVICES SHOULD STUB–UP APPROXIMATELY 3" APART. HEIGHT OF ALL SERVICES TO BE 6" ABOVE FINISHED FLOOR. ALL SERVICES MUST STUB–UP WITHIN THE AVAILABLE PLUMBING SPACE.
3. NOTE TYPE OF TRAP ("P" OR "S") LISTED ON SHOP DRAWING ELEVATIONS OR SHOP DRAWING BROCHURE FOR EACH SINK UNIT. UPON APPROVAL OF THESE DRAWINGS, EACH TYPE SPECIFIED WILL BE ASSUMED CORRECT UNLESS SPECIFICALLY NOTED OTHERWISE.

IF TRAPS ARE TO BE FURNISHED BY OTHERS

1. IF SERVICES STUB–OUT THROUGH WALL, LOCATION AND HEIGHT OF WASTE TO BE DETERMINED BY TRAP SUPPLIER. ALL OTHER SERVICES SHOULD STUB–OUT APPROXIMATELY 16" ABOVE FINISHED FLOOR. ALL SERVICES MUST STUB–OUT WITHIN THE AVAILABLE PLUMBING SPACE.
2. IF SERVICES STUB–UP THROUGH FLOOR, LOCATION OF WASTE TO BE DETERMINED BY TRAP SUPPLIER. ALL SERVICES SHOULD STUB–UP 6" ABOVE FINISHED FLOOR. ALL SERVICES MUST STUB–UP WITHIN THE AVAILABLE PLUMBING SPACE.
3. DIMENSION FOLLOWING DESIGNATION OF SINK OUTLET INDICATES HEIGHT FROM FINISHED FLOOR TO BOTTOM OF SINK OUTLET OR TAILPIECE. REFER TO SHOP DRAWING ELEVATIONS OR SHOP DRAWING BROCHURE TO VERIFY WHICH IS APPLICABLE.

ROUGH–IN LEGEND

W – WASTE
CW – COLD WATER
HW – HOT WATER
DW – DISTILLED WATER
DI – DEIONIZED WATER
G – GAS
A – AIR
V – VACUUM
S – STEAM
E – 115 V.A.C. ELECTRIC
E1 – 220 V.A.C. ELECTRIC
S.O. – (Φ) SINK OUTLET
P.C. – PIPE CHASE

ELEVATION LEGEND

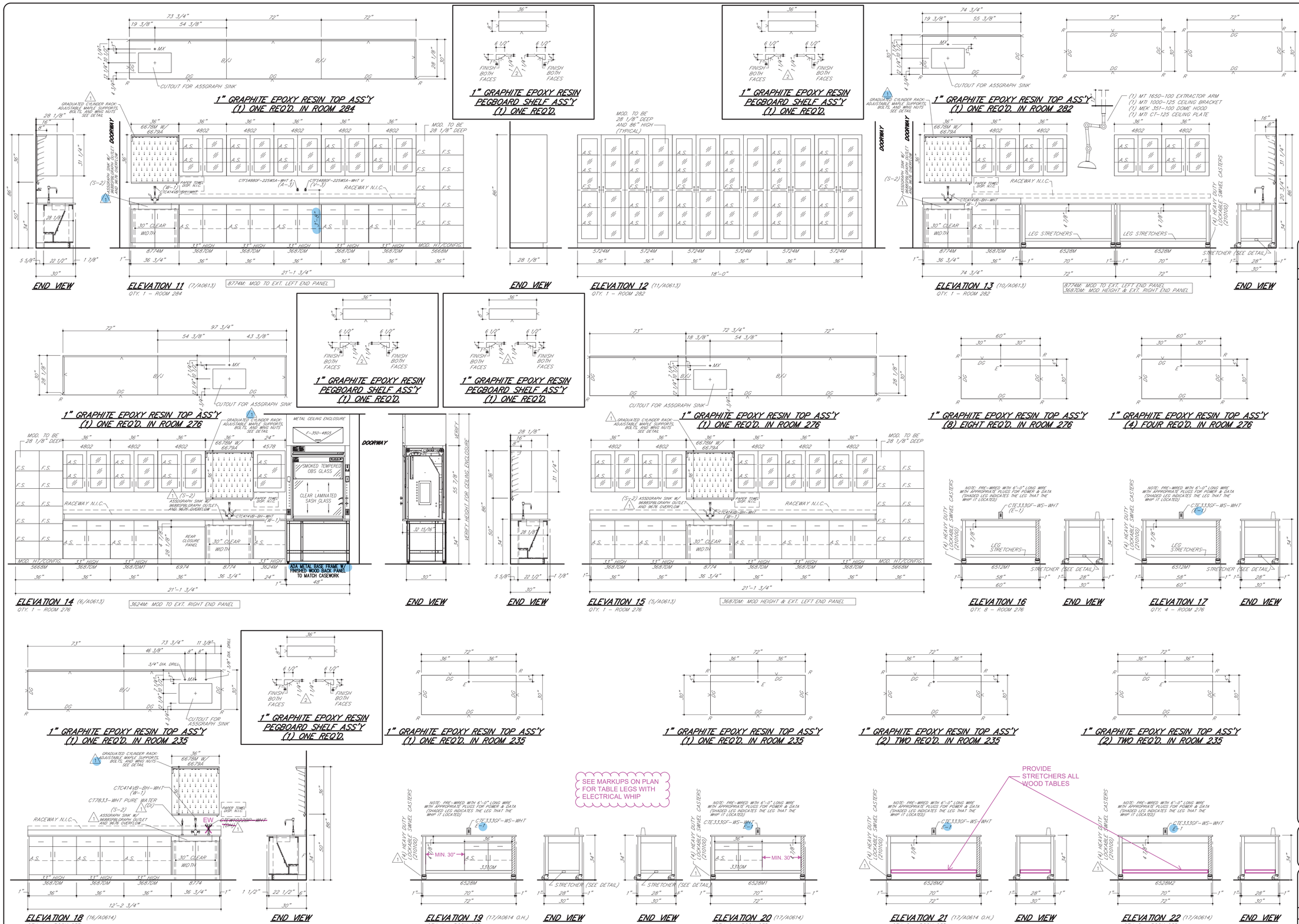
A.S. – ADJUSTABLE SHELF
LTH – 3 PT. LATCHING HANDLE
LKH – 3 PT. LOCKING HANDLE
RVS – REVOLVING METAL SHELF
P.S. – PULL OUT SHELF
+ – MASTERKEYED LOCK
F.S. – FIXED SHELF
R/C/P – REAR CLOSURE PANEL
F/C/P – FRONT CLOSURE PANEL
F – FILLER

ROUGHING–IN DRAWINGS ARE OF AN ADVISORY NATURE, TO BE USED AS A GUIDE BY THE MECHANICAL CONTRACTOR TO EFFECT ROUGHING–IN THAT WILL BE WITHIN THE SHADED AREA (REFERRED TO AS PLUMBING SPACE) OF THE CABINET TO ALLOW FOR ACCESS TO SHUT–OFFS, TRAPS, SERVICE LINES AND ELECTRIC JUNCTION BOXES. THESE ROUGH–IN DRAWINGS SHALL NOT BE CONSIDERED AS AN AUTHORITY TO MAKE ANY CHANGES IN MECHANICAL OR ELECTRICAL CONTRACTS OR SUB–CONTRACTS ALREADY HELD BY THOSE DOING WORK FOR THE OWNER. FURTHERMORE, ANY VARIATIONS FROM THE ROUGH–IN SHOWN MADE NECESSARY BY BEAMS OR OTHER BUILDING CONDITIONS SHALL IN NO WAY BE CONSIDERED A LIABILITY RESULTING FROM THE PREPARATION AND SUBMISSION OF THESE DRAWINGS.

INSTITUTIONAL CASEWORK INC.
1865 North Market Street
Paris, TN 38242
(731) 642-4251

EQUIP. ELEVATIONS & TOP L.O.
WEBSTER UNIVERSITY
WEBSTER GROVES, MO

DIST.	CARROLL SEATING	JOB NO.	044378
DRN. BY	C. MARTIN	CKD. BY	
DATE	09/26/16	DWG. NO.	044378E1
SCALE	3/8" = 1'–0"	SHEET	3 OF 6



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SYM	DATE	BY	REVISIONS
1	01.04.17	MAH	REVISE/RESUBMIT
2	12.22.16	MAH	REVISE/RESUBMIT

GENERAL NOTES FOR TOP LAYOUTS

1. ALL SINK CUTOUTS FOR UNDERCOUNTER SINKS TO BE FINISHED INSIDE.
2. ALL SINK CORNERS TO HAVE 1–1/2" RADIUS.
3. ALL NUMBERED CURBS TO BE SHIPPED LOOSE.
4. ALL SINK CORNERS FOR "JUST" STAINLESS STEEL SINKS CAN BE CUT SQUARE OR UP TO 1/2" RADIUS.
5. ALL SINK CORNERS FOR "ELKAY" STAINLESS STEEL SINKS TO BE 1–1/2" RADIUS.
6. ALL CURBS TO BE 4" HIGH, UNLESS NOTED OTHERWISE.

TOP LAYOUT LEGEND

V – FINISH SURFACE AND RELIEVE EDGES
R – RELIEVE CORNERS
G – 7/8" DRILL FOR GAS COCK
G2 – 3/4" DRILL FOR GAS COCK PANEL MOUNTED
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A2 – 3/4" DRILL FOR AIR COCK PANEL MOUNTED
V – 7/8" DRILL FOR VACUUM COCK
V2 – 3/4" DRILL FOR VACUUM COCK PANEL MOUNTED
E – 1–1/8" DRILL FOR PEDESTAL ELECTRIC
⬡ – MARK EACH PIECE AS SHOWN
DG – DRIP GROOVE ON BOTTOM SIDE
CW – 3/4" DRILL FOR COLD WATER FAUCET
CW2 – 7/8" DRILL FOR COLD WATER FAUCET
HW – 3/4" DRILL FOR HOT WATER FAUCET
HW2 – 7/8" DRILL FOR HOT WATER FAUCET
DW – 7/8" DRILL FOR DISTILLED WATER FAUCET
CX – SEE CX DETAIL
MX – 1–1/4" DRILL FOR HOT AND COLD WATER MIXING FAUCET
RS – 1–1/8" DRILL FOR ROD SOCKET
FP – SEE FLUSH PLATE DETAIL
HX – SEE HX DETAIL
VX – SEE VX DETAIL
SE – 2–3/8" X 3–5/8" CUTOUT FOR SINGLE ELECTRIC
DE – 3–5/8" X 4–3/8" CUTOUT FOR DOUBLE ELECTRIC
DI – 7/8" DRILL FOR DEIONIZED WATER FIXTURE
B/J – BUTT JOINT
C.T.F. – CUT TO FIT AT JOBSITE
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IF TRAPS ARE TO BE FURNISHED BY *ICI*

1. IF SERVICES STUB–OUT THROUGH WALL, WASTE SHOULD BE LOCATED DIRECTLY BEHIND THE SINK OUTLET. MINIMUM AND MAXIMUM HEIGHT OF WASTE STUB–OUT TO BE AS INDICATED AT EACH UNIT. HEIGHT OF ALL OTHER SERVICES TO BE APPROXIMATELY 16" ABOVE FINISHED FLOOR. ALL OTHER SERVICES SHOULD STUB–OUT APPROXIMATELY 3" APART. ALL SERVICES MUST STUB–OUT WITHIN THE AVAILABLE PLUMBING SPACE.
2. IF SERVICES STUB–UP THROUGH FLOOR, WASTE SHOULD BE LOCATED 6" FROM SINK OUTLET. ALL OTHER SERVICES SHOULD STUB–UP APPROXIMATELY 3" APART. HEIGHT OF ALL SERVICES TO BE 6" ABOVE FINISHED FLOOR. ALL SERVICES MUST STUB–UP WITHIN THE AVAILABLE PLUMBING SPACE.
3. NOTE TYPE OF TRAP ("P" OR "S") LISTED ON SHOP DRAWING ELEVATIONS OR SHOP DRAWING BROCHURE FOR EACH SINK UNIT. UPON APPROVAL OF THESE DRAWINGS, EACH TYPE SPECIFIED WILL BE ASSUMED CORRECT UNLESS SPECIFICALLY NOTED OTHERWISE.

IF TRAPS ARE TO BE FURNISHED BY OTHERS

1. IF SERVICES STUB–OUT THROUGH WALL, LOCATION AND HEIGHT OF WASTE TO BE DETERMINED BY TRAP SUPPLIER. ALL OTHER SERVICES SHOULD STUB–OUT APPROXIMATELY 16" ABOVE FINISHED FLOOR. ALL SERVICES MUST STUB–OUT WITHIN THE AVAILABLE PLUMBING SPACE.
2. IF SERVICES STUB–UP THROUGH FLOOR, LOCATION OF WASTE TO BE DETERMINED BY TRAP SUPPLIER. ALL SERVICES SHOULD STUB–UP 6" ABOVE FINISHED FLOOR. ALL SERVICES MUST STUB–UP WITHIN THE AVAILABLE PLUMBING SPACE.
3. DIMENSION FOLLOWING DESIGNATION OF SINK OUTLET INDICATES HEIGHT FROM FINISHED FLOOR TO BOTTOM OF SINK OUTLET OR TAILPIECE. REFER TO SHOP DRAWING ELEVATIONS OR SHOP DRAWING BROCHURE TO VERIFY WHICH IS APPLICABLE.

ROUGH–IN LEGEND

W – WASTE
CW – COLD WATER
HW – HOT WATER
DW – DISTILLED WATER
DI – DEIONIZED WATER
G – GAS
A – AIR
V – VACUUM
S – STEAM
E – 115 V.A.C. ELECTRIC
E1 – 220 V.A.C. ELECTRIC
S.O. – (⊕) SINK OUTLET
P.C. – PIPE CHASE

ELEVATION LEGEND

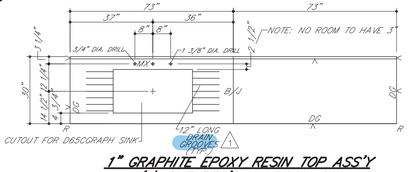
A.S. – ADJUSTABLE SHELF
LTH – 3 PT. LATCHING HANDLE
LKH – 3 PT. LOCKING HANDLE
RMS – REVOLVING METAL SHELF
P.S. – PULL OUT SHELF
F.S. – FIXED SHELF
R/C/P – REAR CLOSURE PANEL
F/C/P – FRONT CLOSURE PANEL
F – FILLER
* – MASTERKEYED LOCK

ROUGHING–IN DRAWINGS ARE OF AN ADVISORY NATURE, TO BE USED AS A GUIDE BY THE MECHANICAL CONTRACTOR TO EFFECT ROUGHING–IN THAT WILL BE WITHIN THE SHADED AREA (REFERRED TO AS PLUMBING SPACE) OF THE CABINET TO ALLOW FOR ACCESS TO SHUT–OFFS, TRAPS, SERVICE LINES AND ELECTRIC JUNCTION BOXES. THESE ROUGH–IN DRAWINGS SHALL NOT BE CONSIDERED AS AN AUTHORITY TO MAKE ANY CHANGES IN MECHANICAL OR ELECTRICAL CONTRACTS OR SUB–CONTRACTS ALREADY HELD BY THOSE DOING WORK FOR THE OWNER. FURTHERMORE, ANY VARIATIONS FROM THE ROUGH–IN SHOWN MADE NECESSARY BY BEAMS OR OTHER BUILDING CONDITIONS SHALL IN NO WAY BE CONSIDERED A LIABILITY RESULTING FROM THE PREPARATION AND SUBMISSION OF THESE DRAWINGS.

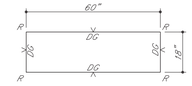
INSTITUTIONAL CASEWORK INC.
1865 North Market Street
Paris, TN 38242
(731) 642-4251

EQUIP. ELEVATIONS & TOP L.O.
WEBSTER UNIVERSITY
WEBSTER GROVES, MO

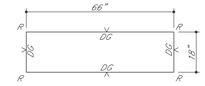
DIST.	CARROLL SEATING	JOB NO.	044378
DRN. BY	C. MARTIN	CKD. BY	
DATE	09/26/16	DWG. NO.	044378E2
SCALE	3/8" = 1'–0"	SHEET	4 OF 6



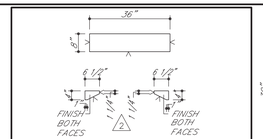
1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 291



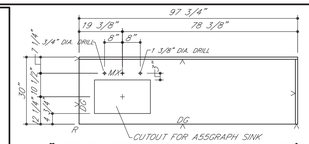
1" GRAPHITE EPOXY RESIN TOP ASS'Y
(2) TWO REQ'D. IN ROOM 283
(2) TWO REQ'D. IN ROOM 291



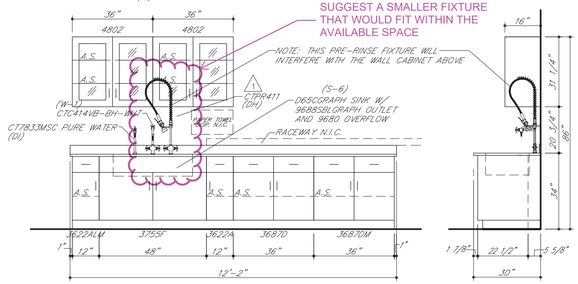
1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 283
(1) ONE REQ'D. IN ROOM 291



1" GRAPHITE EPOXY RESIN PEGBOARD SHELF ASS'Y
(1) ONE REQ'D.



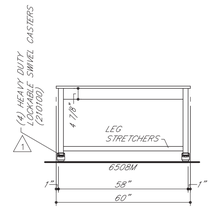
1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 291



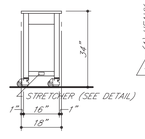
ELEVATION 23 (10/A0614)
QTY. 1 – ROOM 291

3622ALM: MOD TO EXT. LEFT END PANEL
3687DM: MOD TO EXT. RIGHT END PANEL

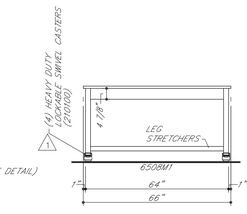
END VIEW



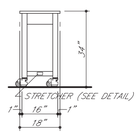
ELEVATION 24 (4 AND 11/A0614)
QTY. 4 – ROOMS 283 AND 291



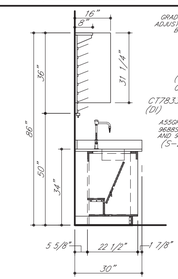
END VIEW



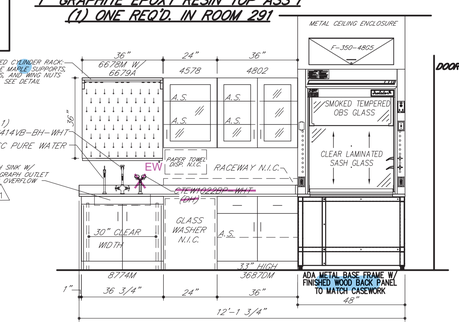
ELEVATION 25 (4 AND 11/A0614)
QTY. 2 – ROOMS 283 AND 291



END VIEW



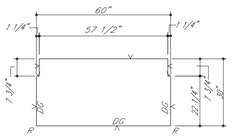
END VIEW



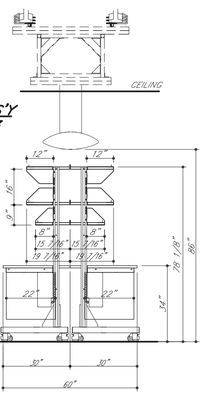
ELEVATION 26 (9/A0614)
QTY. 1 – ROOM 291

8774M: MOD TO EXT. LEFT END PANEL
3687DM: MOD HEIGHT & EXT. RIGHT END PANEL

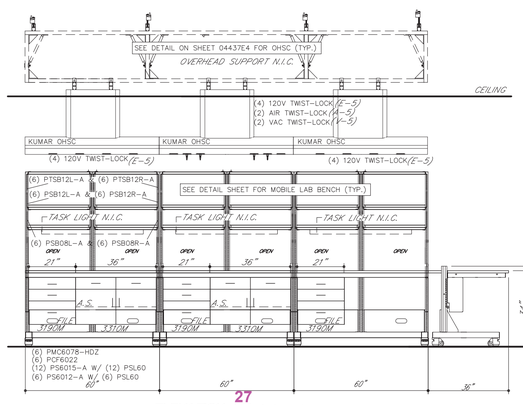
END VIEW



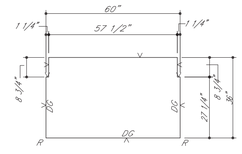
1" GRAPHITE EPOXY RESIN TOP ASS'Y
(12) TWELVE REQ'D. IN ROOM 283
(12) TWELVE REQ'D. IN ROOM 291



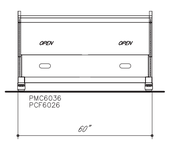
LEFT END VIEW



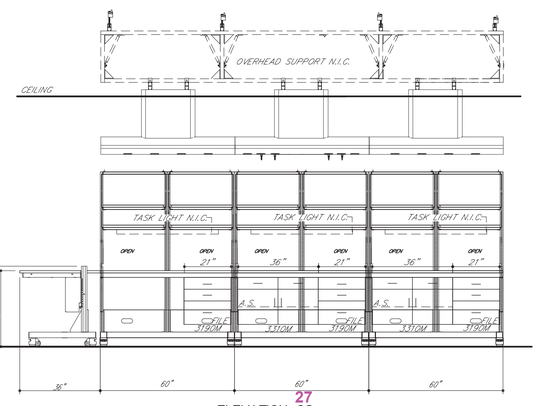
ELEVATION ~~27~~ 27 (3/A0614)
QTY. 4 – ROOMS 283 AND 291



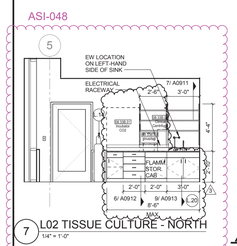
1" GRAPHITE EPOXY RESIN TOP ASS'Y
(2) TWO REQ'D. IN ROOM 283
(2) TWO REQ'D. IN ROOM 291

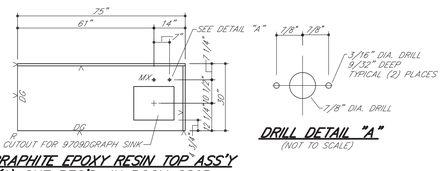


RIGHT END VIEW



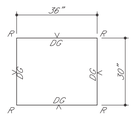
ELEVATION ~~28~~ 27 (3/A0614 O.H.)
QTY. 4 – ROOMS 283 AND 291



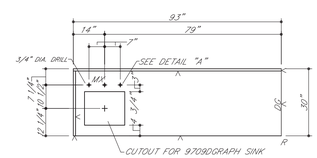


DRILL DETAIL "A"
(NOT TO SCALE)

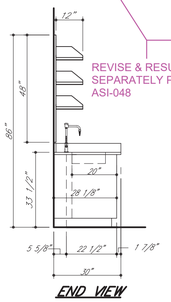
1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 289B



1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 289B

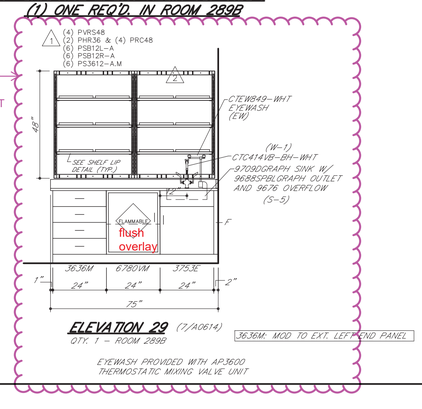


1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 289A



END VIEW

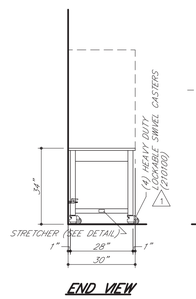
REVISE & RESUBMIT SEPARATELY PER ASI-048



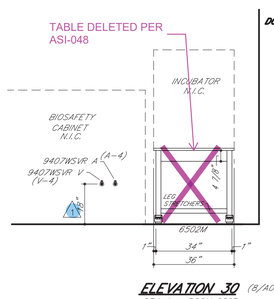
ELEVATION 29 (7/A0614)
QTY. 1 – ROOM 289B

3636M: MOD TO EXT. LEFT END PANEL

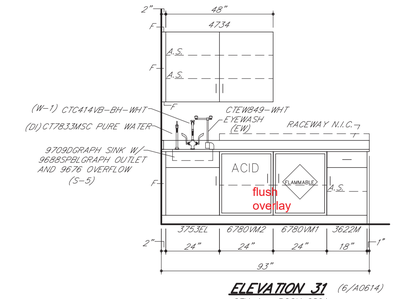
EYEWASH PROVIDED WITH AP3600 THERMOSTATIC MIXING VALVE UNIT



END VIEW

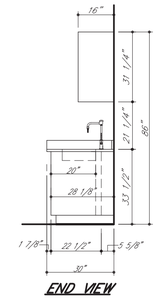


ELEVATION 30 (8/A0614)
QTY. 1 – ROOM 289B



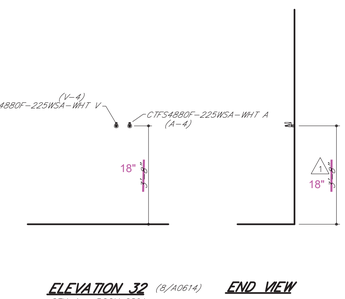
ELEVATION 31 (6/A0614)
QTY. 1 – ROOM 289A

EYEWASH PROVIDED WITH AP3600 THERMOSTATIC MIXING VALVE UNIT



END VIEW

3622M: MOD TO EXT. RIGHT END PANEL



ELEVATION 32 (8/A0614)
QTY. 1 – ROOM 289A

END VIEW

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The mark of responsible forestry

SYM	DATE	BY	REVISIONS
2	01.04.17	MAH	REVISE/RESUBMIT
1	12.22.16	MAH	REVISE/RESUBMIT

GENERAL NOTES FOR TOP LAYOUTS

1. ALL SINK CUTOUTS FOR UNDERCOUNTER SINKS TO BE FINISHED INSIDE.
2. ALL SINK CORNERS TO HAVE 1–1/2" RADIUS.
3. ALL NUMBERED CURBS TO BE SHIPPED LOOSE.
4. ALL SINK CORNERS FOR "JUST" STAINLESS STEEL SINKS CAN BE CUT SQUARE OR UP TO 1/2" RADIUS.
5. ALL SINK CORNERS FOR "ELKAY" STAINLESS STEEL SINKS TO BE 1–1/2" RADIUS.
6. ALL CURBS TO BE 4" HIGH, UNLESS NOTED OTHERWISE.

TOP LAYOUT LEGEND

V – FINISH SURFACE AND RELIEVE EDGES
R – RELIEVE CORNERS
G – 7/8" DRILL FOR GAS COCK
G2 – 3/4" DRILL FOR GAS COCK PANEL MOUNTED
A – 7/8" DRILL FOR AIR COCK
A2 – 3/4" DRILL FOR AIR COCK PANEL MOUNTED
V – 7/8" DRILL FOR VACUUM COCK
V2 – 3/4" DRILL FOR VACUUM COCK PANEL MOUNTED
E – 1–1/8" DRILL FOR PEDESTAL ELECTRIC
○ – MARK EACH PIECE AS SHOWN
DG – DRIP GROOVE ON BOTTOM SIDE
CW – 3/4" DRILL FOR COLD WATER FAUCET
CW2 – 7/8" DRILL FOR COLD WATER FAUCET
HW – 3/4" DRILL FOR HOT WATER FAUCET
HW2 – 7/8" DRILL FOR HOT WATER FAUCET
DW – 7/8" DRILL FOR DISTILLED WATER FAUCET
CX – SEE CX DETAIL
MX – 1–1/4" DRILL FOR HOT AND COLD WATER MIXING FAUCET
RS – 1–1/8" DRILL FOR ROD SOCKET
FP – SEE FLUSH PLATE DETAIL
HX – SEE HX DETAIL
VX – SEE VX DETAIL
SE – 2–3/8" X 3–5/8" CUTOUT FOR SINGLE ELECTRIC
DE – 3–5/8" X 4–3/8" CUTOUT FOR DOUBLE ELECTRIC
DI – 7/8" DRILL FOR DEIONIZED WATER FIXTURE
B/J – BUTT JOINT
C.I.F. – CUT TO FIT AT JOBSITE
IF VANDAL RESISTANT FIXTURES/FAUCETS ARE PROVIDED, REFERENCE DETAILS.

GENERAL NOTES FOR ROUGH–IN

1. SHADED AREA WITHIN EACH UNIT INDICATES THE AVAILABLE PLUMBING SPACE. ALL SERVICES MUST BE LOCATED WITHIN THIS AREA.
2. SEE ARCHITECT'S PLAN FOR SIZE AND TYPE OF ALL PIPE, WIRE, AND CONDUIT, AND FOR ANY VENTS OR REVENTS REQUIRED.
3. ALL WASTES ARE 1–1/2" UNLESS NOTED OTHERWISE.
4. ONLY ITEMS TO BE SUPPLIED BY *ICI* ARE ROUGHED–IN.

IF TRAPS ARE TO BE FURNISHED BY *ICI*

1. IF SERVICES STUB–OUT THROUGH WALL, WASTE SHOULD BE LOCATED DIRECTLY BEHIND THE SINK OUTLET. MINIMUM AND MAXIMUM HEIGHT OF WASTE STUB–OUT TO BE, AS INDICATED AT EACH UNIT. HEIGHT OF ALL OTHER SERVICES TO BE APPROXIMATELY 16" ABOVE FINISHED FLOOR. ALL OTHER SERVICES SHOULD STUB–OUT APPROXIMATELY 3" APART. ALL SERVICES MUST STUB–OUT WITHIN THE AVAILABLE PLUMBING SPACE.
2. IF SERVICES STUB–UP THROUGH FLOOR, WASTE SHOULD BE LOCATED 6" FROM SINK OUTLET. ALL OTHER SERVICES SHOULD STUB–UP APPROXIMATELY 3" APART. HEIGHT OF ALL SERVICES TO BE 6" ABOVE FINISHED FLOOR. ALL SERVICES MUST STUB–UP WITHIN THE AVAILABLE PLUMBING SPACE.
3. NOTE TYPE OF TRAP ("P" OR "S") LISTED ON SHOP DRAWING ELEVATIONS OR SHOP DRAWING BROCHURE FOR EACH SINK UNIT. UPON APPROVAL OF THESE DRAWINGS, EACH TYPE SPECIFIED WILL BE ASSUMED CORRECT UNLESS SPECIFICALLY NOTED OTHERWISE.

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3. DIMENSION FOLLOWING DESIGNATION OF SINK OUTLET INDICATES HEIGHT FROM FINISHED FLOOR TO BOTTOM OF SINK OUTLET OR TAILPIECE. REFER TO SHOP DRAWING ELEVATIONS OR SHOP DRAWING BROCHURE TO VERIFY WHICH IS APPLICABLE.

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HW – HOT WATER
DW – DISTILLED WATER
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G – GAS
A – AIR
V – VACUUM
S – STEAM
E – 115 V.A.C. ELECTRIC
E1 – 220 V.A.C. ELECTRIC
S.O. – (◐) SINK OUTLET
P.C. – PIPE CHASE

ELEVATION LEGEND

A.S. – ADJUSTABLE SHELF
LTH – 3 PT. LATCHING HANDLE
LKH – 3 PT. LOCKING HANDLE
RMS – REVOLVING METAL SHELF
P.S. – PULL OUT SHELF
* – MASTERKEYED LOCK
F.S. – FIXED SHELF
R/C/P – REAR CLOSURE PANEL
F/C/P – FRONT CLOSURE PANEL
F – FILLER

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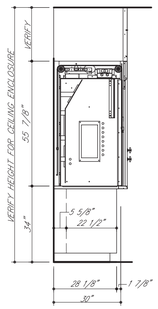
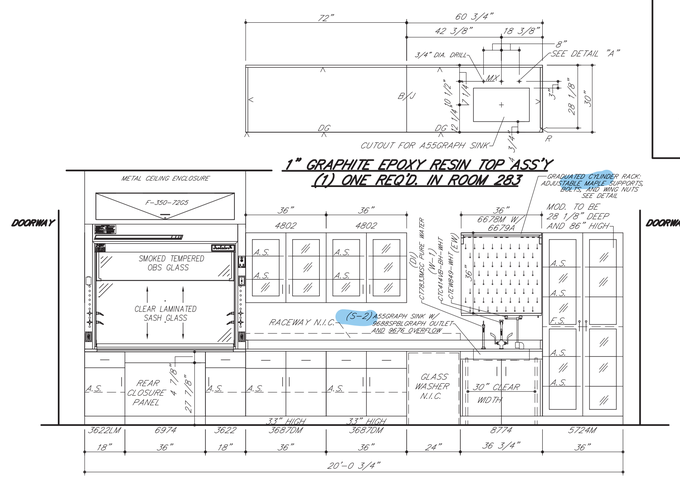
INSTITUTIONAL CASEWORK INC.
1865 North Market Street
Paris, TN 38242
(731) 642-4251

EQUIP. ELEVATIONS & TOP L.O.
WEBSTER UNIVERSITY
WEBSTER GROVES, MO

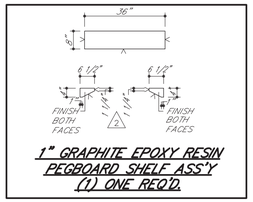
DIST.	CARROLL SEATING	JOB NO.	04437B
DRN. BY	C. MARTIN	CKD. BY	
DATE	09/26/16	DWG. NO.	04437BE3
SCALE	3/8" = 1'-0"	SHEET	5 OF 6



END VIEW



1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 283

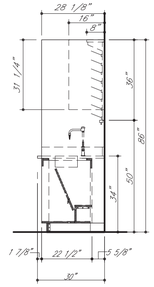


1" GRAPHITE EPOXY RESIN PEGBOARD SHELF ASS'Y
(1) ONE REQ'D.

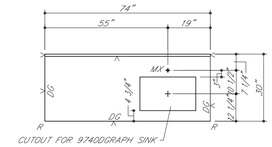
ELEVATION 33 (2/A0614)
QTY. 1 - ROOM 283

EYEWASH PROVIDED WITH AP3600 THERMOSTATIC MIXING VALVE UNIT

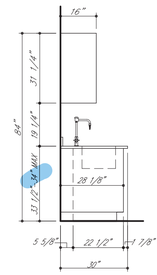
3622LM: MOD TO EXTEND LEFT END PANEL



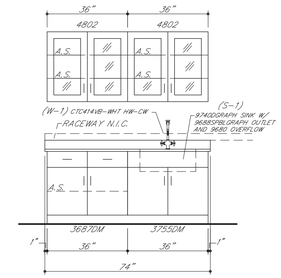
END VIEW



1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 283



END VIEW



ELEVATION 34 (1/A0614)
QTY. 1 - ROOM 283

3687DM: MOD TO EXT. LEFT END PANEL
3755DM: MOD TO EXT. RIGHT END PANEL

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SYM	DATE	BY	REVISIONS
1	01.04.17	MAH	REVISE/RESUBMIT
2	12.22.16	MAH	REVISE/RESUBMIT

GENERAL NOTES FOR TOP LAYOUTS

1. ALL SINK CUTOUTS FOR UNDERCOUNTER SINKS TO BE FINISHED INSIDE.
2. ALL SINK CORNERS TO HAVE 1-1/2" RADIUS.
3. ALL NUMBERED CURBS TO BE SHIPPED LOOSE.
4. ALL SINK CORNERS FOR "JUST" STAINLESS STEEL SINKS CAN BE CUT SQUARE OR UP TO 1/2" RADIUS.
5. ALL SINK CORNERS FOR "ELKAY" STAINLESS STEEL SINKS TO BE 1-1/2" RADIUS.
6. ALL CURBS TO BE 4" HIGH, UNLESS NOTED OTHERWISE.

TOP LAYOUT LEGEND

V – FINISH SURFACE AND RELIEVE EDGES
R – RELIEVE CORNERS
G – 7/8" DRILL FOR GAS COCK
G2 – 3/4" DRILL FOR GAS COCK PANEL MOUNTED
A – 7/8" DRILL FOR AIR COCK
A2 – 3/4" DRILL FOR AIR COCK PANEL MOUNTED
V – 7/8" DRILL FOR VACUUM COCK
V2 – 3/4" DRILL FOR VACUUM COCK PANEL MOUNTED
E – 1-1/8" DRILL FOR PEDESTAL ELECTRIC
○ – MARK EACH PIECE AS SHOWN
DG – DRIP GROOVE ON BOTTOM SIDE
CW – 3/4" DRILL FOR COLD WATER FAUCET
CW2 – 7/8" DRILL FOR COLD WATER FAUCET
HW – 3/4" DRILL FOR HOT WATER FAUCET
HW2 – 7/8" DRILL FOR HOT WATER FAUCET
DW – 7/8" DRILL FOR DISTILLED WATER FAUCET
CX – SEE CX DETAIL
MX – 1-1/4" DRILL FOR HOT AND COLD WATER MIXING FAUCET
RS – 1-1/8" DRILL FOR ROD SOCKET
FP – SEE FLUSH PLATE DETAIL
HX – SEE HX DETAIL
VX – SEE VX DETAIL
SE – 2-3/8" X 3-5/8" CUTOUT FOR SINGLE ELECTRIC
DE – 3-5/8" X 4-3/8" CUTOUT FOR DOUBLE ELECTRIC
DI – 7/8" DRILL FOR DEIONIZED WATER FIXTURE
B/J – BUTT JOINT
C.T.F. – CUT TO FIT AT JOBSITE
IF VANDAL RESISTANT FIXTURES/FAUCETS ARE PROVIDED, REFERENCE DETAILS.

GENERAL NOTES FOR ROUGH-IN

1. SHADED AREA WITHIN EACH UNIT INDICATES THE AVAILABLE PLUMBING SPACE. ALL SERVICES MUST BE LOCATED WITHIN THIS AREA.
2. SEE ARCHITECT'S PLAN FOR SIZE AND TYPE OF ALL PIPE, WIRE, AND CONDUIT, AND FOR ANY VENTS OR REVENTS REQUIRED.
3. ALL WASTES ARE 1-1/2" UNLESS NOTED OTHERWISE.
4. ONLY ITEMS TO BE SUPPLIED BY *ICI* ARE ROUGHED-IN.

IF TRAPS ARE TO BE FURNISHED BY *ICI*

1. IF SERVICES STUB-OUT THROUGH WALL, WASTE SHOULD BE LOCATED DIRECTLY BEHIND THE SINK OUTLET. MINIMUM AND MAXIMUM HEIGHT OF WASTE STUB-OUT TO BE AS INDICATED AT EACH UNIT. HEIGHT OF ALL OTHER SERVICES TO BE APPROXIMATELY 16" ABOVE FINISHED FLOOR. ALL OTHER SERVICES SHOULD STUB-OUT APPROXIMATELY 3" APART. ALL SERVICES MUST STUB-OUT WITHIN THE AVAILABLE PLUMBING SPACE.
2. IF SERVICES STUB-UP THROUGH FLOOR, WASTE SHOULD BE LOCATED 6" FROM SINK OUTLET. ALL OTHER SERVICES SHOULD STUB-UP APPROXIMATELY 3" APART. HEIGHT OF ALL SERVICES TO BE 6" ABOVE FINISHED FLOOR. ALL SERVICES MUST STUB-UP WITHIN THE AVAILABLE PLUMBING SPACE.
3. NOTE TYPE OF TRAP ("P" OR "S") LISTED ON SHOP DRAWING ELEVATIONS OR SHOP DRAWING BROCHURE FOR EACH SINK UNIT. UPON APPROVAL OF THESE DRAWINGS, EACH TYPE SPECIFIED WILL BE ASSUMED CORRECT UNLESS SPECIFICALLY NOTED OTHERWISE.

IF TRAPS ARE TO BE FURNISHED BY OTHERS

1. IF SERVICES STUB-OUT THROUGH WALL, LOCATION AND HEIGHT OF WASTE TO BE DETERMINED BY TRAP SUPPLIER. ALL OTHER SERVICES SHOULD STUB-OUT APPROXIMATELY 16" ABOVE FINISHED FLOOR. ALL SERVICES MUST STUB-OUT WITHIN THE AVAILABLE PLUMBING SPACE.
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ROUGH-IN LEGEND

W – WASTE
CW – COLD WATER
HW – HOT WATER
DW – DISTILLED WATER
DI – DEIONIZED WATER
G – GAS
A – AIR
V – VACUUM
S – STEAM
E – 115 V.A.C. ELECTRIC
E1 – 220 V.A.C. ELECTRIC
S.O. – (⊕) SINK OUTLET
P.C. – PIPE CHASE

ELEVATION LEGEND

A.S. – ADJUSTABLE SHELF
LTH – 3 PT. LATCHING HANDLE
LKH – 3 PT. LOCKING HANDLE
RMS – REVOLVING METAL SHELF
P.S. – PULL OUT SHELF
* – MASTERKEYED LOCK
F.S. – FIXED SHELF
R/C/P – REAR CLOSURE PANEL
F/C/P – FRONT CLOSURE PANEL
F – FILLER

ROUGHING-IN DRAWINGS ARE OF AN ADVISORY NATURE, TO BE USED AS A GUIDE BY THE MECHANICAL CONTRACTOR TO EFFECT ROUGHING-IN THAT WILL BE WITHIN THE SHADED AREA (REFERRED TO AS PLUMBING SPACE) OF THE CABINET TO ALLOW FOR ACCESS TO SHUT-OFFS, TRAPS, SERVICE LINES AND ELECTRIC JUNCTION BOXES. THESE ROUGH-IN DRAWINGS SHALL NOT BE CONSIDERED AS AN AUTHORITY TO MAKE ANY CHANGES IN MECHANICAL OR ELECTRICAL CONTRACTS OR SUB-CONTRACTS ALREADY HELD BY THOSE DOING WORK FOR THE OWNER. FURTHERMORE, ANY VARIATIONS FROM THE ROUGH-IN SHOWN MADE NECESSARY BY BEAMS OR OTHER BUILDING CONDITIONS SHALL IN NO WAY BE CONSIDERED A LIABILITY RESULTING FROM THE PREPARATION AND SUBMISSION OF THESE DRAWINGS.

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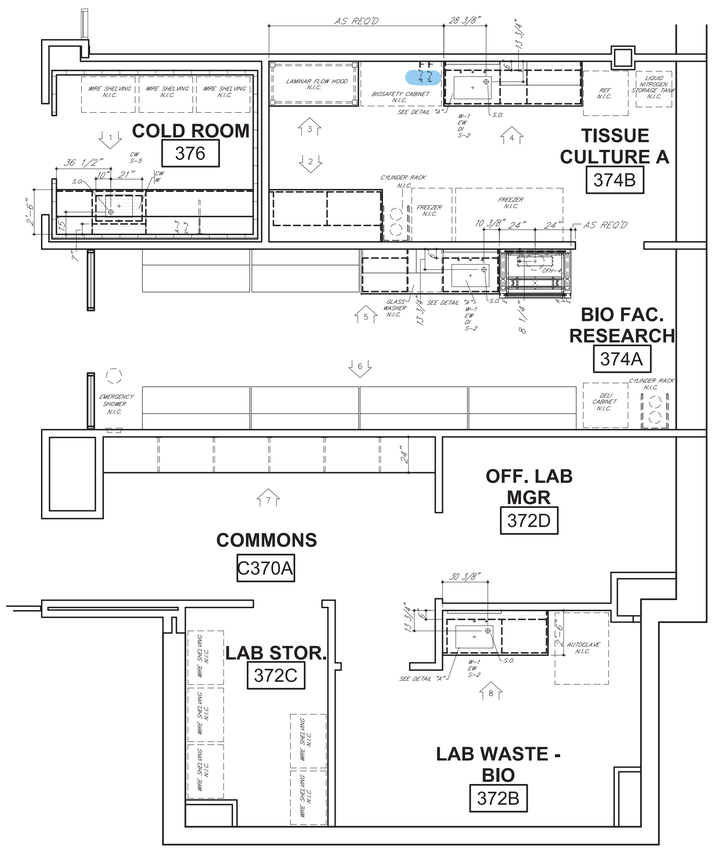
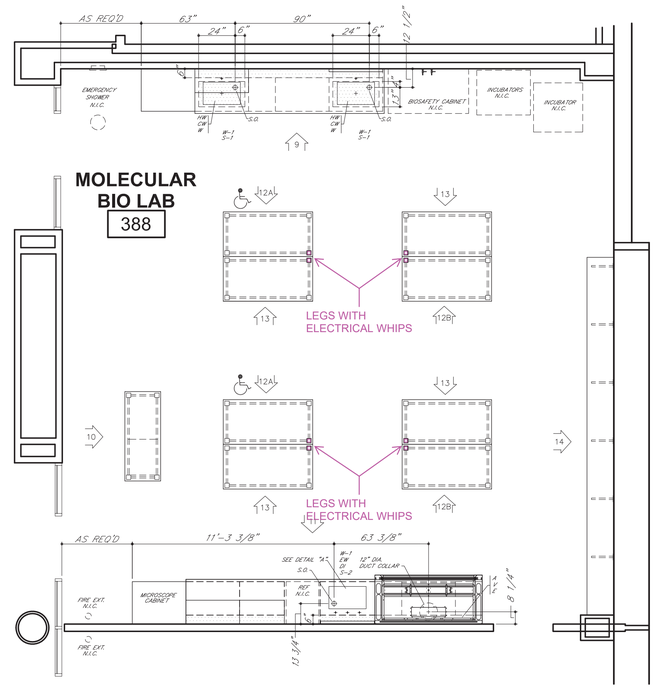
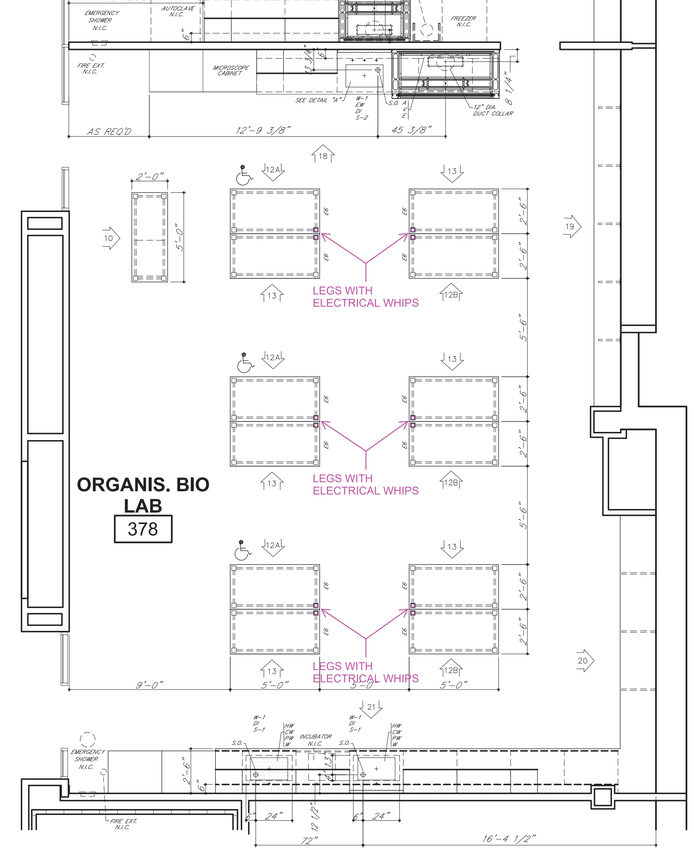
DIST. CARROLL SEATING	JOB NO. 044378
DRN. BY C. MARTIN	CKD. BY
DATE 09/26/16	DWG. NO. 044378E4
SCALE 3/8" = 1'-0"	SHEET 6 OF 6

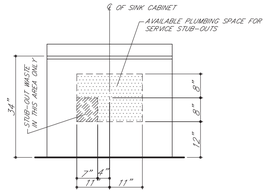


PARTIAL FLOOR PLAN
LEVEL 03 – AREA A– EAST SIDE
SOUTH





PARTIAL FLOOR PLAN
LEVEL 03 – AREA A– EAST SIDE
NORTH



DETAIL "A"
(NOT TO SCALE)

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SYM	DATE	BY	REVISIONS
4	01.04.17	MAH	REVISE/RESUBMIT
3	12.22.16	MAH	REVISE/RESUBMIT

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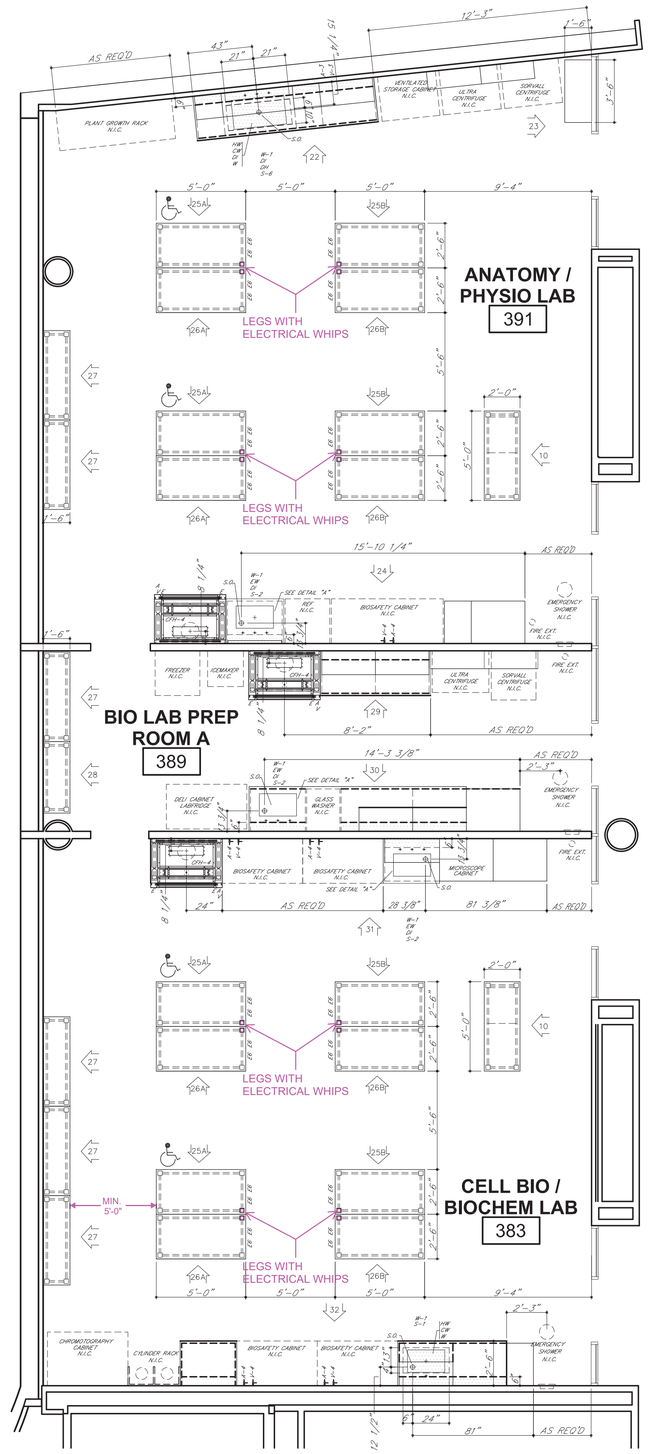
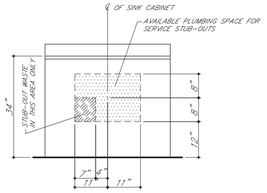
SCIENCE EQUIPMENT ROUGH–IN
WEBSTER UNIVERSITY
WEBSTER GROVES, MO

DIST.	CARROLL SEATING	JOB NO.	04437C
DRN. BY	C. MARTIN	CKD. BY	
DATE	08/22/16	DWG. NO.	04437CR1
SCALE	1/4" = 1'-0"	SHEET	1 OF 6





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A.S. – ADJUSTABLE SHELF
LTH – 3 PT. LATCHING HANDLE
LKH – 3 PT. LOCKING HANDLE
RMS – REVOLVING METAL SHELF
P.S. – PULL OUT SHELF
* – MASTERKEYED LOCK
F.S. – FIXED SHELF
R/C/P – REAR CLOSURE PANEL
F/C/P – FRONT CLOSURE PANEL
F – FILLER

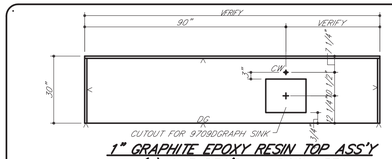
ROUGHING-IN DRAWINGS ARE OF AN ADVISORY NATURE. TO BE USED AS A GUIDE BY THE MECHANICAL CONTRACTOR TO EFFECT ROUGHING-IN THAT WILL BE WITHIN THE SHADED AREA (REFERRED TO AS PLUMBING SPACE) OF THE CABINET TO ALLOW FOR ACCESS TO SHUT-OFFS, TRAPS, SERVICE LINES AND ELECTRIC JUNCTION BOXES. THESE ROUGH-IN DRAWINGS SHALL NOT BE CONSIDERED AS AN AUTHORITY TO MAKE ANY CHANGES IN MECHANICAL OR ELECTRICAL CONTRACTS OR SUB-CONTRACTS ALREADY HELD BY THOSE DOING WORK FOR THE OWNER. FURTHERMORE, ANY VARIATIONS FROM THE ROUGH-IN SHOWN MADE NECESSARY BY BEAMS OR OTHER BUILDING CONDITIONS SHALL IN NO WAY BE CONSIDERED A LIABILITY RESULTING FROM THE PREPARATION AND SUBMISSION OF THESE DRAWINGS.

INSTITUTIONAL CASEWORK INC.
1865 North Market Street
Paris, TN 38242
(731) 642-4251

SCIENCE EQUIPMENT ROUGH-IN
WEBSTER UNIVERSITY
WEBSTER GROVES, MO

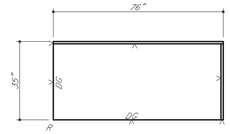
DIST.	CARROLL SEATING	JOB NO.	04437C
DRN. BY	C. MARTIN	CKD. BY	
DATE	08/22/16	DWG. NO.	04437CR2
SCALE	1/4" = 1'-0"	SHEET	2 OF 6

PARTIAL FLOOR PLAN
LEVEL 03 – AREA A– WEST SIDE

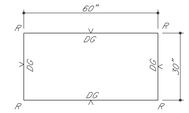


1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 376

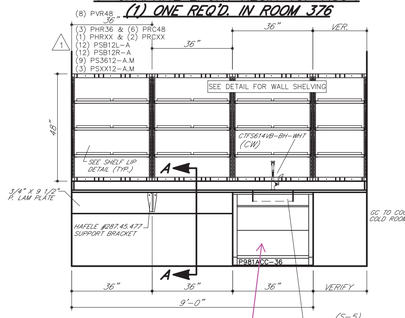
3/4" PLASTIC LAMINATE PLATE
(1) ONE REQ'D. IN ROOM 376
COLOR:



1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 374B

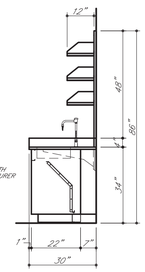


1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 374B

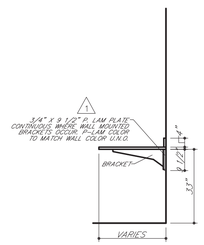


ELEVATION 1 (14/A0615)
QTY. 1 – ROOM 376

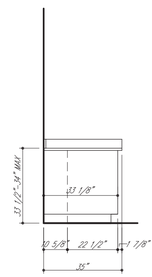
CONFIRM THIS IS ADA-COMPLIANT CABINET



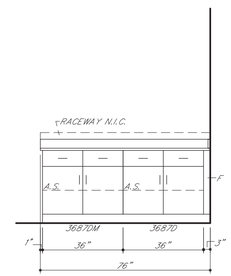
END VIEW



SECTION "A–A"

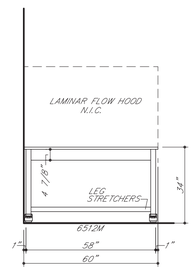


END VIEW

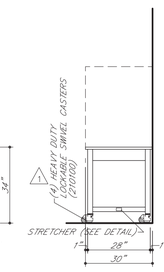


ELEVATION 2 (12/A0615)
QTY. 1 – ROOM 374B

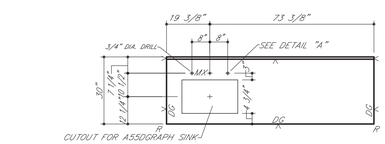
36B7DM: MOD TO EXT. LEFT END PANEL



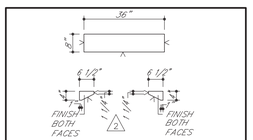
ELEVATION 3 (13/A0615)
QTY. 1 – ROOM 374B



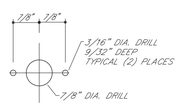
END VIEW



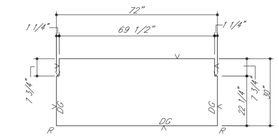
1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 374B



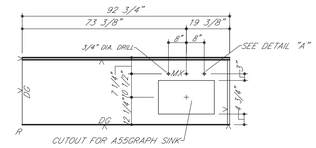
1" GRAPHITE EPOXY RESIN PEGBOARD SHELF ASS'Y
(1) ONE REQ'D.



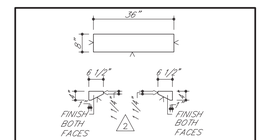
DRILL DETAIL "A"
(NOT TO SCALE)



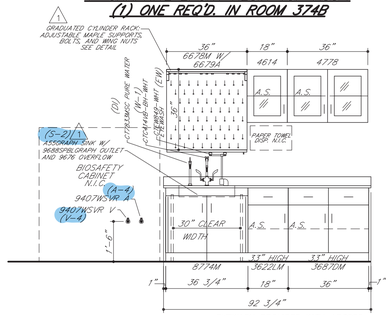
1" GRAPHITE EPOXY RESIN TOP ASS'Y
(2) TWO REQ'D. IN ROOM 374A



1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 374A



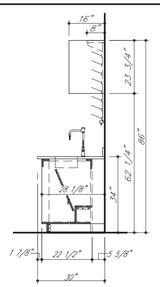
1" GRAPHITE EPOXY RESIN PEGBOARD SHELF ASS'Y
(1) ONE REQ'D.



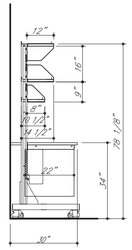
ELEVATION 4 (13/A0615)
QTY. 1 – ROOM 374B

EYEWASH PROVIDED WITH AP3600 THERMOSTATIC MIXING VALVE UNIT

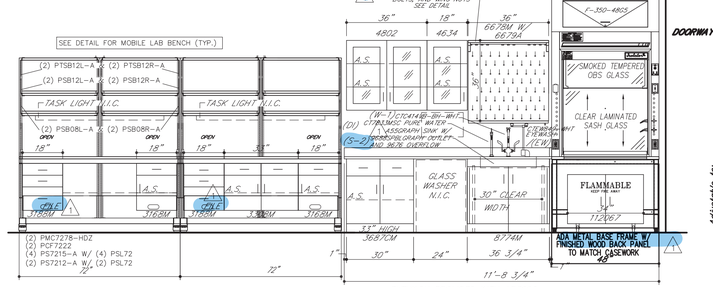
8774M: MOD TO EXT. LEFT END PANEL
36B7DM: MOD TO EXT. RIGHT END PANEL



END VIEW



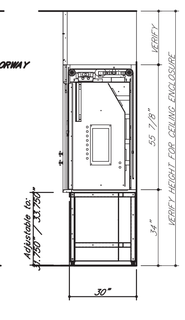
END VIEW



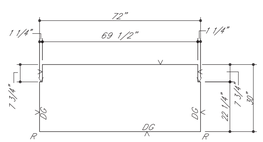
ELEVATION 5 (11/A0615)
QTY. 1 – ROOM 374A

EYEWASH PROVIDED WITH AP3600 THERMOSTATIC MIXING VALVE UNIT

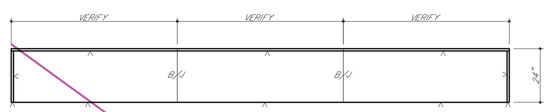
8774M: MOD TO EXT. RIGHT END PANEL
36B7DM: MOD HEIGHT & TO EXT LEFT END PANEL



END VIEW



1" GRAPHITE EPOXY RESIN TOP ASS'Y
(4) FOUR REQ'D. IN ROOM 374A

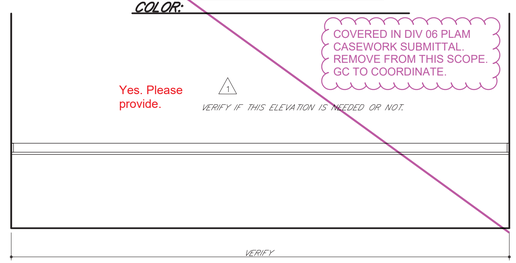


1" PLASTIC LAMINATE TOP ASS'Y
(1) ONE REQ'D. IN ROOM C370A
COLOR:

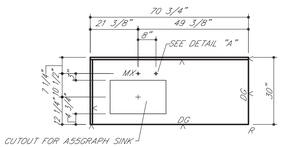
COVERED IN DIV 06 PLAM CASEWORK SUBMITTAL. REMOVE FROM THIS SCOPE. GC TO COORDINATE.

Yes. Please provide.

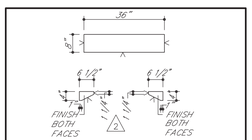
VERIFY IF THIS ELEVATION IS NEEDED OR NOT.



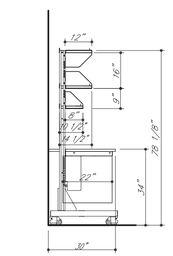
ELEVATION 7 (10/A0615)
QTY. 1 – ROOM C370A



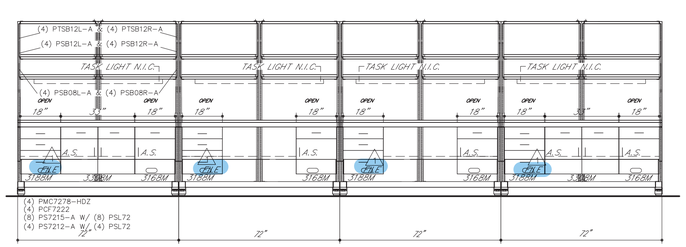
1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 372B



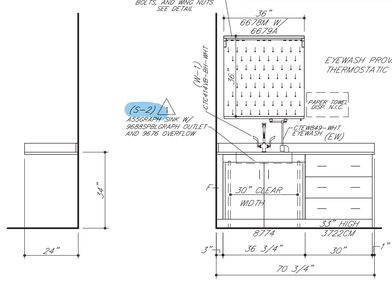
1" GRAPHITE EPOXY RESIN PEGBOARD SHELF ASS'Y
(1) ONE REQ'D.



END VIEW

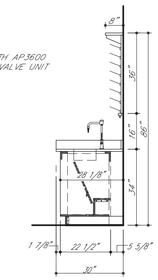


ELEVATION 6 (10/A0615)
QTY. 1 – ROOM 374A



ELEVATION 8 (16/A0615)
QTY. 1 – ROOM 372B

3722CM: MOD TO EXT RIGHT END PANEL



END VIEW

FSC
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FSC® C016935
The mark of responsible forestry

SYM	DATE	BY	REVISIONS
1	01.04.17	MAH	REVISE/RESUBMIT
2	12.22.16	MAH	REVISE/RESUBMIT

GENERAL NOTES FOR TOP LAYOUTS

1. ALL SINK CUTOUTS FOR UNDERCOUNTER SINKS TO BE FINISHED INSIDE.
2. ALL SINK CORNERS TO HAVE 1–1/2" RADIUS.
3. ALL NUMBERED CURBS TO BE SHIPPED LOOSE.
4. ALL SINK CORNERS FOR "JUST" STAINLESS STEEL SINKS CAN BE CUT SQUARE OR UP TO 1/2" RADIUS.
5. ALL SINK CORNERS FOR "ELKAY" STAINLESS STEEL SINKS TO BE 1–1/2" RADIUS.
6. ALL CURBS TO BE 4" HIGH, UNLESS NOTED OTHERWISE.

TOP LAYOUT LEGEND

V – FINISH SURFACE AND RELIEVE EDGES
R – RELIEVE CORNERS
G – 7/8" DRILL FOR GAS COCK
G2 – 3/4" DRILL FOR GAS COCK PANEL MOUNTED
A – 7/8" DRILL FOR AIR COCK
A2 – 3/4" DRILL FOR AIR COCK PANEL MOUNTED
V – 7/8" DRILL FOR VACUUM COCK
V2 – 3/4" DRILL FOR VACUUM COCK PANEL MOUNTED
E – 1–1/8" DRILL FOR PEDESTAL ELECTRIC
⬡ – MARK EACH PIECE AS SHOWN
DG – DRIP GROOVE ON BOTTOM SIDE
CW – 3/4" DRILL FOR COLD WATER FAUCET
CW2 – 7/8" DRILL FOR COLD WATER FAUCET
HW – 3/4" DRILL FOR HOT WATER FAUCET
HW2 – 7/8" DRILL FOR HOT WATER FAUCET
DW – 7/8" DRILL FOR DISTILLED WATER FAUCET
CX – SEE CX DETAIL
MX – 1–1/4" DRILL FOR HOT AND COLD WATER MIXING FAUCET
RS – 1–1/8" DRILL FOR ROD SOCKET
FP – SEE FLUSH PLATE DETAIL
HX – SEE HX DETAIL
VX – SEE VX DETAIL
SE – 2–3/8" X 3–5/8" CUTOUT FOR SINGLE ELECTRIC
DE – 3–5/8" X 4–3/8" CUTOUT FOR DOUBLE ELECTRIC
DI – 7/8" DRILL FOR DEIONIZED WATER FIXTURE
B.U. – BUTT JOINT
C.T.F. – CUT TO FIT AT JOBSITE
IF VANDAL RESISTANT FIXTURES/FAUCETS ARE PROVIDED, REFERENCE DETAILS.

GENERAL NOTES FOR ROUGH–IN

1. SHADED AREA WITHIN EACH UNIT INDICATES THE AVAILABLE PLUMBING SPACE. ALL SERVICES MUST BE LOCATED WITHIN THIS AREA.
2. SEE ARCHITECT'S PLAN FOR SIZE AND TYPE OF ALL PIPE, WIRE, AND CONDUIT, AND FOR ANY VENTS OR REVENTS REQUIRED.
3. ALL WASTES ARE 1–1/2" UNLESS NOTED OTHERWISE.
4. ONLY ITEMS TO BE SUPPLIED BY *ICI* ARE ROUGHED–IN.

IF TRAPS ARE TO BE FURNISHED BY *ICI*

1. IF SERVICES STUB–OUT THROUGH WALL, WASTE SHOULD BE LOCATED DIRECTLY BEHIND THE SINK OUTLET. MINIMUM AND MAXIMUM HEIGHT OF WASTE STUB–OUT TO BE AS INDICATED AT EACH UNIT. HEIGHT OF ALL OTHER SERVICES TO BE APPROXIMATELY 16" ABOVE FINISHED FLOOR. ALL OTHER SERVICES SHOULD STUB–OUT APPROXIMATELY 3" APART. ALL SERVICES MUST STUB–OUT WITHIN THE AVAILABLE PLUMBING SPACE.
2. IF SERVICES STUB–UP THROUGH FLOOR, WASTE SHOULD BE LOCATED 6" FROM SINK OUTLET. ALL OTHER SERVICES SHOULD STUB–UP APPROXIMATELY 3" APART. HEIGHT OF ALL SERVICES TO BE 6" ABOVE FINISHED FLOOR. ALL SERVICES MUST STUB–UP WITHIN THE AVAILABLE PLUMBING SPACE.
3. NOTE TYPE OF TRAP ("P" OR "S") LISTED ON SHOP DRAWING ELEVATIONS OR SHOP DRAWING BROCHURE FOR EACH SINK UNIT. UPON APPROVAL OF THESE DRAWINGS, EACH TYPE SPECIFIED WILL BE ASSUMED CORRECT UNLESS SPECIFICALLY NOTED OTHERWISE.

IF TRAPS ARE TO BE FURNISHED BY OTHERS

1. IF SERVICES STUB–OUT THROUGH WALL, LOCATION AND HEIGHT OF WASTE TO BE DETERMINED BY TRAP SUPPLIER. ALL OTHER SERVICES SHOULD STUB–OUT APPROXIMATELY 16" ABOVE FINISHED FLOOR. ALL SERVICES MUST STUB–OUT WITHIN THE AVAILABLE PLUMBING SPACE.
2. IF SERVICES STUB–UP THROUGH FLOOR, LOCATION OF WASTE TO BE DETERMINED BY TRAP SUPPLIER. ALL SERVICES SHOULD STUB–UP 6" ABOVE FINISHED FLOOR. ALL SERVICES MUST STUB–UP WITHIN THE AVAILABLE PLUMBING SPACE.
3. DIMENSION FOLLOWING DESIGNATION OF SINK OUTLET INDICATES HEIGHT FROM FINISHED FLOOR TO BOTTOM OF SINK OUTLET OR TAILPIECE. REFER TO SHOP DRAWING ELEVATIONS OR SHOP DRAWING BROCHURE TO VERIFY WHICH IS APPLICABLE.

ROUGH–IN LEGEND

W – WASTE
CW – COLD WATER
HW – HOT WATER
DW – DISTILLED WATER
DI – DEIONIZED WATER
G – GAS
A – AIR
V – VACUUM
S – STEAM
E – 115 V.A.C. ELECTRIC
E1 – 220 V.A.C. ELECTRIC
S.O. – (⊕) SINK OUTLET
P.C. – PIPE CHASE

ELEVATION LEGEND

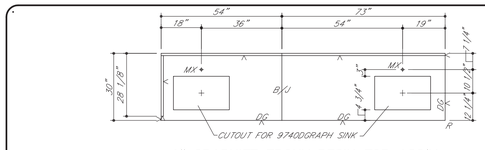
A.S. – ADJUSTABLE SHELF
LTH – 3 PT. LATCHING HANDLE
LKH – 3 PT. LOCKING HANDLE
RMS – REVOLVING METAL SHELF
P.S. – PULL OUT SHELF
F.S. – FIXED SHELF
R/C/P – REAR CLOSURE PANEL
F/C/P – FRONT CLOSURE PANEL
F – FILLER
* – MASTERKEYED LOCK

ROUGHING–IN DRAWINGS ARE OF AN ADVISORY NATURE, TO BE USED AS A GUIDE BY THE MECHANICAL CONTRACTOR TO EFFECT ROUGHING–IN THAT WILL BE WITHIN THE SHADED AREA (REFERRED TO AS PLUMBING SPACE) OF THE CABINET TO ALLOW FOR ACCESS TO SHUT–OFFS, TRAPS, SERVICE LINES AND ELECTRIC JUNCTION BOXES. THESE ROUGH–IN DRAWINGS SHALL NOT BE CONSIDERED AS AN AUTHORITY TO MAKE ANY CHANGES IN MECHANICAL OR ELECTRICAL CONTRACTS OR SUB–CONTRACTS ALREADY HELD BY THOSE DOING WORK FOR THE OWNER. FURTHERMORE, ANY VARIATIONS FROM THE ROUGH–IN SHOWN MADE NECESSARY BY BEAMS OR OTHER BUILDING CONDITIONS SHALL IN NO WAY BE CONSIDERED A LIABILITY RESULTING FROM THE PREPARATION AND SUBMISSION OF THESE DRAWINGS.

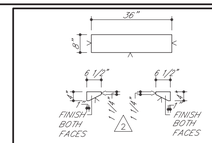
INSTITUTIONAL CASEWORK INC.
1865 North Market Street
Paris, TN 38242
(731) 642-4251

EQUIP. ELEVATIONS & TOP L.O.
WEBSTER UNIVERSITY
WEBSTER GROVES, MO

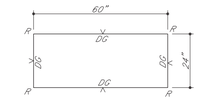
DIST.	CARROLL SEATING	JOB NO.	04437C
DRN. BY	C. MARTIN	CKD. BY	
DATE	09/28/16	DWG. NO.	04437C2E1
SCALE	3/8" = 1'-0"	SHEET	3 OF 6



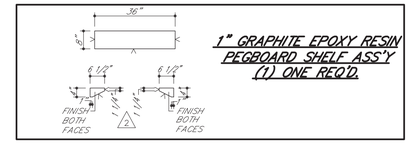
1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 388



1" GRAPHITE EPOXY RESIN PEGBOARD SHELF ASS'Y
(1) ONE REQ'D.

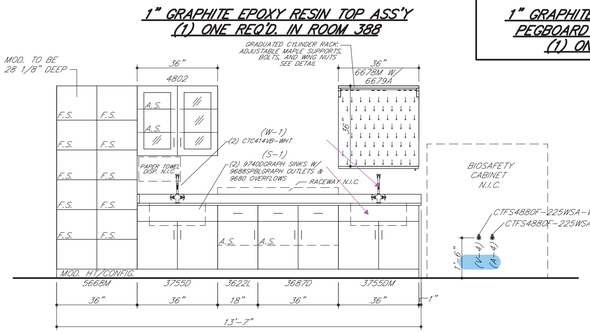


1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 378
(1) ONE REQ'D. IN ROOM 383
(1) ONE REQ'D. IN ROOM 388
(1) ONE REQ'D. IN ROOM 391



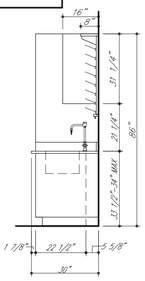
1" GRAPHITE EPOXY RESIN PEGBOARD SHELF ASS'Y
(1) ONE REQ'D.

1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 388

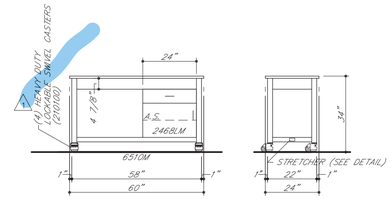


ELEVATION 9 (8/A0615)
QTY. 1 – ROOM 388

3755DM: MOD TO EXT RIGHT END PANEL

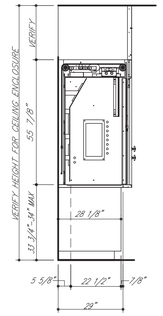


END VIEW

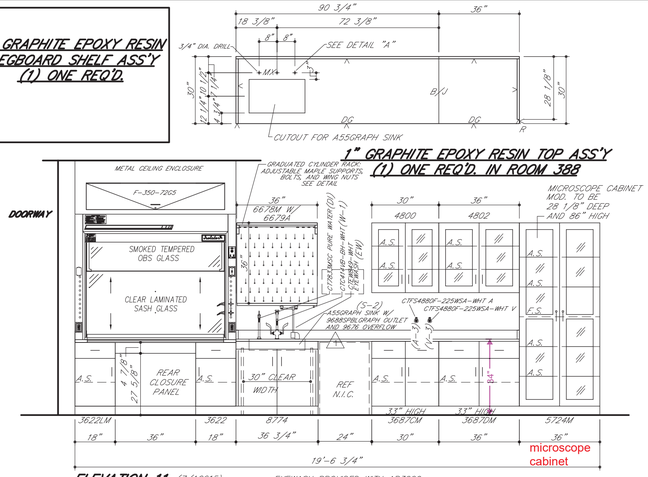


ELEVATION 10 (12/A0618)
QTY. 4 – ROOMS 378, 383, 388, AND 391

END VIEW



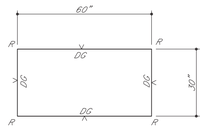
END VIEW



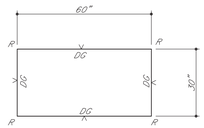
ELEVATION 11 (7/A0615)
QTY. 1 – ROOM 388

EYEWASH PROVIDED WITH AP3600 THERMOSTATIC MIXING VALVE UNIT

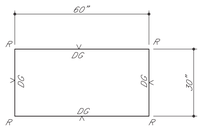
3622LM: MOD TO EXT LEFT END PANEL



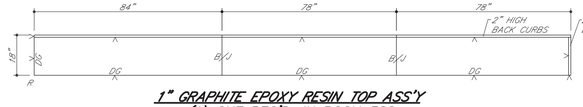
1" GRAPHITE EPOXY RESIN TOP ASS'Y
(3) THREE REQ'D. IN ROOM 378
(2) TWO REQ'D. IN ROOM 388



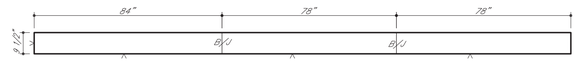
1" GRAPHITE EPOXY RESIN TOP ASS'Y
(3) THREE REQ'D. IN ROOM 378
(2) TWO REQ'D. IN ROOM 388



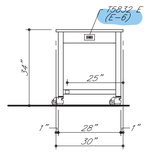
1" GRAPHITE EPOXY RESIN TOP ASS'Y
(6) SIX REQ'D. IN ROOM 378
(4) FOUR REQ'D. IN ROOM 388



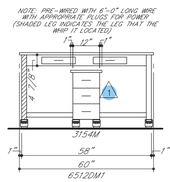
1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 388



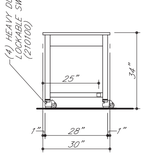
3/4" PLASTIC LAMINATE PLATE
(1) ONE REQ'D. IN ROOM 388
COLOR:



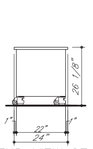
LEFT END VIEW



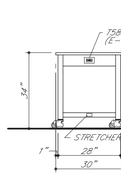
ELEVATION 12A (3/A0616)
QTY. 5 – ROOMS 378 AND 388



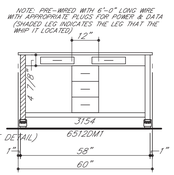
RIGHT END VIEW



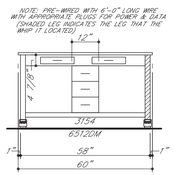
END VIEW OF 3154M CABINET



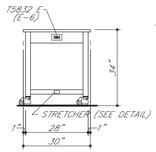
END VIEW



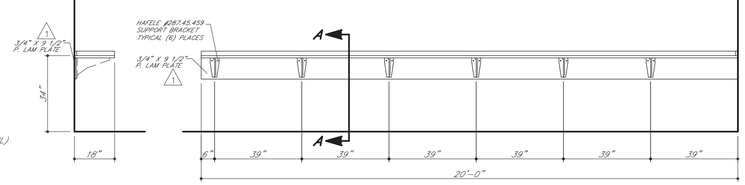
ELEVATION 12B (3/A0616)
QTY. 5 – ROOMS 378 AND 388



ELEVATION 13 (3/A0616)
QTY. 10 – ROOMS 378 AND 388

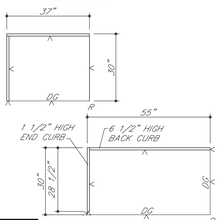


END VIEW

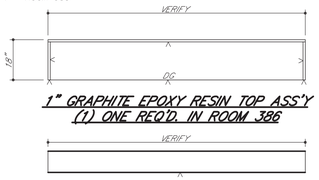


END VIEW

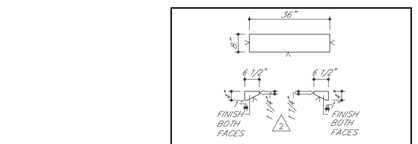
ELEVATION 14 (9/A0615)
QTY. 1 – ROOM 388



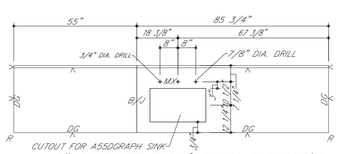
1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 386



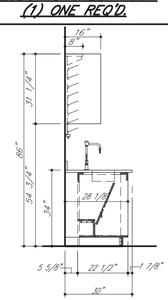
1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 386



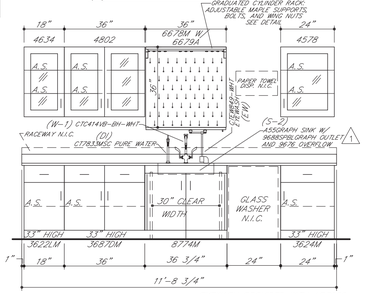
1" GRAPHITE EPOXY RESIN PEGBOARD SHELF ASS'Y
(1) ONE REQ'D.



1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 386



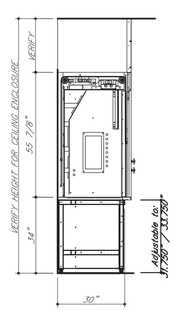
END VIEW



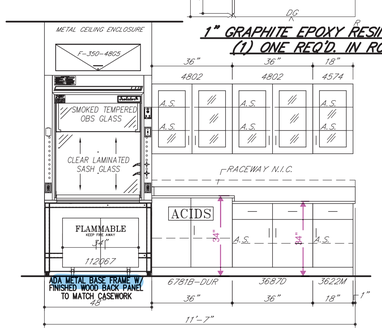
ELEVATION 15 (5/A0615)
QTY. 1 – ROOM 386

EYEWASH PROVIDED WITH AP3600 THERMOSTATIC MIXING VALVE UNIT

3622LM: MOD TO EXT LEFT END PANEL
3624M: MOD TO EXT RIGHT END PANEL



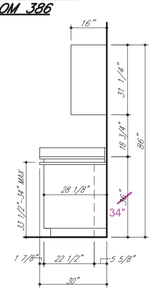
END VIEW



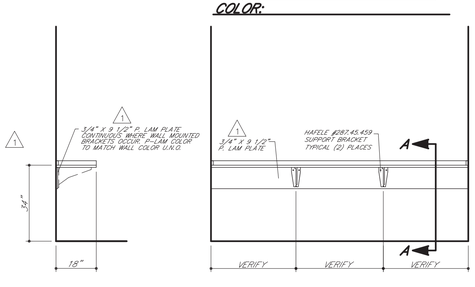
ELEVATION 16 (4/A0615)
QTY. 1 – ROOM 386

3622M: MOD TO EXT RIGHT END PANEL

1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 386



END VIEW



END VIEW

ELEVATION 17 (6/A0615)
QTY. 1 – ROOM 386

3/4" PLASTIC LAMINATE PLATE
(1) ONE REQ'D. IN ROOM 386
COLOR:

FSC
www.fsc.org
FSC® C016935
The mark of responsible forestry

SYM	DATE	BY	REVISIONS
1	01.04.17	MAH	REVISE/RESUBMIT
2	12.22.16	MAH	REVISE/RESUBMIT

GENERAL NOTES FOR TOP LAYOUTS

1. ALL SINK CUTOUTS FOR UNDERCOUNTER SINKS TO BE FINISHED INSIDE.
2. ALL SINK CORNERS TO HAVE 1–1/2" RADIUS.
3. ALL NUMBERED CURBS TO BE SHIPPED LOOSE.
4. ALL SINK CORNERS FOR "JUST" STAINLESS STEEL SINKS CAN BE CUT SQUARE OR UP TO 1/2" RADIUS.
5. ALL SINK CORNERS FOR "ELKAY" STAINLESS STEEL SINKS TO BE 1–1/2" RADIUS.
6. ALL CURBS TO BE 4" HIGH, UNLESS NOTED OTHERWISE.

TOP LAYOUT LEGEND

V – FINISH SURFACE AND RELIEVE EDGES
R – RELIEVE CORNERS
G – 7/8" DRILL FOR GAS COCK
G2 – 3/4" DRILL FOR GAS COCK PANEL MOUNTED
A – 7/8" DRILL FOR AIR COCK
A2 – 3/4" DRILL FOR AIR COCK PANEL MOUNTED
V – 7/8" DRILL FOR VACUUM COCK
V2 – 3/4" DRILL FOR VACUUM COCK PANEL MOUNTED
E – 1–1/8" DRILL FOR PEDESTAL ELECTRIC
○ – MARK EACH PIECE AS SHOWN
DG – DRIP GROOVE ON BOTTOM SIDE
CW – 3/4" DRILL FOR COLD WATER FAUCET
CW2 – 7/8" DRILL FOR COLD WATER FAUCET
HW – 3/4" DRILL FOR HOT WATER FAUCET
HW2 – 7/8" DRILL FOR HOT WATER FAUCET
DW – 7/8" DRILL FOR DISTILLED WATER FAUCET
CX – SEE CX DETAIL
MX – 1–1/4" DRILL FOR HOT AND COLD WATER MIXING FAUCET
RS – 1–1/8" DRILL FOR ROD SOCKET
FP – SEE FLUSH PLATE DETAIL
HX – SEE HX DETAIL
VX – SEE VX DETAIL
SE – 2–3/8" X 3–5/8" CUTOUT FOR SINGLE ELECTRIC
DE – 3–5/8" X 4–3/8" CUTOUT FOR DOUBLE ELECTRIC
DI – 7/8" DRILL FOR DEIONIZED WATER FIXTURE
B/J – BUTT JOINT
C.T.F. – CUT TO FIT AT JOBSITE
IF VANDAL RESISTANT FIXTURES/FAUCETS ARE PROVIDED, REFERENCE DETAILS.

GENERAL NOTES FOR ROUGH–IN

1. SHADED AREA WITHIN EACH UNIT INDICATES THE AVAILABLE PLUMBING SPACE. ALL SERVICES MUST BE LOCATED WITHIN THIS AREA.
2. SEE ARCHITECT'S PLAN FOR SIZE AND TYPE OF ALL PIPE, WIRE, AND CONDUIT, AND FOR ANY VENTS OR REVENTS REQUIRED.
3. ALL WASTES ARE 1–1/2" UNLESS NOTED OTHERWISE.
4. ONLY ITEMS TO BE SUPPLIED BY *ICI* ARE ROUGHED–IN.

IF TRAPS ARE TO BE FURNISHED BY *ICI*

1. IF SERVICES STUB–OUT THROUGH WALL, WASTE SHOULD BE LOCATED DIRECTLY BEHIND THE SINK OUTLET. MINIMUM AND MAXIMUM HEIGHT OF WASTE STUB–OUT TO BE AS INDICATED AT EACH UNIT. HEIGHT OF ALL OTHER SERVICES TO BE APPROXIMATELY 16" ABOVE FINISHED FLOOR. ALL OTHER SERVICES SHOULD STUB–OUT APPROXIMATELY 3" APART. ALL SERVICES MUST STUB–OUT WITHIN THE AVAILABLE PLUMBING SPACE.
2. IF SERVICES STUB–UP THROUGH FLOOR, WASTE SHOULD BE LOCATED 6" FROM SINK OUTLET. ALL OTHER SERVICES SHOULD STUB–UP APPROXIMATELY 3" APART. HEIGHT OF ALL SERVICES TO BE 6" ABOVE FINISHED FLOOR. ALL SERVICES MUST STUB–UP WITHIN THE AVAILABLE PLUMBING SPACE.
3. NOTE TYPE OF TRAP ("P" OR "S") LISTED ON SHOP DRAWING ELEVATIONS OR SHOP DRAWING BROCHURE FOR EACH SINK UNIT. UPON APPROVAL OF THESE DRAWINGS, EACH TYPE SPECIFIED WILL BE ASSUMED CORRECT UNLESS SPECIFICALLY NOTED OTHERWISE.

IF TRAPS ARE TO BE FURNISHED BY OTHERS

1. IF SERVICES STUB–OUT THROUGH WALL, LOCATION AND HEIGHT OF WASTE TO BE DETERMINED BY TRAP SUPPLIER. ALL OTHER SERVICES SHOULD STUB–OUT APPROXIMATELY 16" ABOVE FINISHED FLOOR. ALL SERVICES MUST STUB–OUT WITHIN THE AVAILABLE PLUMBING SPACE.
2. IF SERVICES STUB–UP THROUGH FLOOR, LOCATION OF WASTE TO BE DETERMINED BY TRAP SUPPLIER. ALL SERVICES SHOULD STUB–UP 6" ABOVE FINISHED FLOOR. ALL SERVICES MUST STUB–UP WITHIN THE AVAILABLE PLUMBING SPACE.
3. DIMENSION FOLLOWING DESIGNATION OF SINK OUTLET INDICATES HEIGHT FROM FINISHED FLOOR TO BOTTOM OF SINK OUTLET OR TAILPIECE. REFER TO SHOP DRAWING ELEVATIONS OR SHOP DRAWING BROCHURE TO VERIFY WHICH IS APPLICABLE.

ROUGH–IN LEGEND

W – WASTE
CW – COLD WATER
HW – HOT WATER
DW – DISTILLED WATER
DI – DEIONIZED WATER
G – GAS
A – AIR
V – VACUUM
S – STEAM
E – 115 V.A.C. ELECTRIC
E1 – 220 V.A.C. ELECTRIC
S.O. – (◆) SINK OUTLET
P.C. – PIPE CHASE

ELEVATION LEGEND

A.S. – ADJUSTABLE SHELF
LTH – 3 PT. LATCHING HANDLE
LKH – 3 PT. LOCKING HANDLE
RMS – REVOLVING METAL SHELF
P.S. – PULL OUT SHELF
• – MASTERKEYED LOCK
F.S. – FIXED SHELF
R/C/P – REAR CLOSURE PANEL
F/C/P – FRONT CLOSURE PANEL
F – FILLER

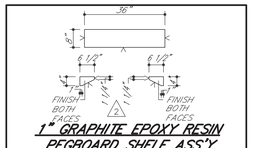
ROUGHING–IN DRAWINGS ARE OF AN ADVISORY NATURE, TO BE USED AS A GUIDE BY THE MECHANICAL CONTRACTOR TO EFFECT ROUGHING–IN THAT WILL BE WITHIN THE SHADED AREA (REFERRED TO AS PLUMBING SPACE) OF THE CABINET TO ALLOW FOR ACCESS TO SHUT–OFFS, TRAPS, SERVICE LINES AND ELECTRIC JUNCTION BOXES. THESE ROUGH–IN DRAWINGS SHALL NOT BE CONSIDERED AS AN AUTHORITY TO MAKE ANY CHANGES IN MECHANICAL OR ELECTRICAL CONTRACTS OR SUB–CONTRACTS ALREADY HELD BY THOSE DOING WORK FOR THE OWNER. FURTHERMORE, ANY VARIATIONS FROM THE ROUGH–IN SHOWN MADE NECESSARY BY BEAMS OR OTHER BUILDING CONDITIONS SHALL IN NO WAY BE CONSIDERED A LIABILITY RESULTING FROM THE PREPARATION AND SUBMISSION OF THESE DRAWINGS.

INSTITUTIONAL CASEWORK INC.
1865 North Market Street
Paris, TN 38242
(731) 642-4251

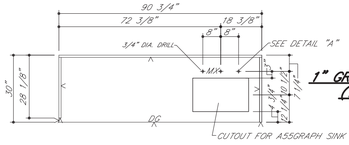
EQUIP. ELEVATIONS & TOP L.O.
WEBSTER UNIVERSITY
WEBSTER GROVES, MO

DIST.	CARROLL SEATING	JOB NO.	04437C
DRN. BY	C. MARTIN	CKD. BY	
DATE	09/28/16	DWG. NO.	04437CE2
SCALE	3/8" = 1'-0"	SHEET	4 OF 6

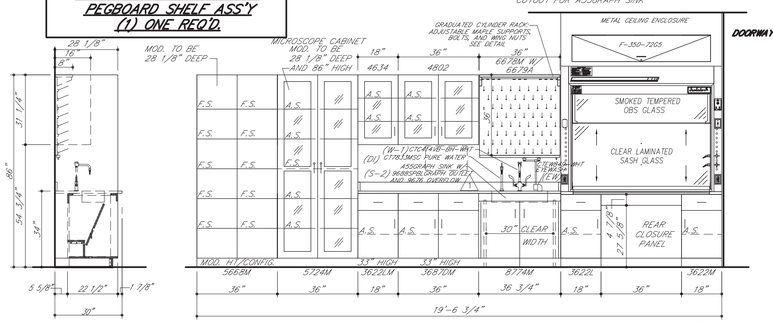
PER DETAIL 09/A0912 AT ALL LAB LOCATIONS IN PROJECT WHERE COUNTERTOP IS SUPPORTED BY BRACKETS, PROVIDE CONTINUOUS 1-1/2" X 1-11/2" STEEL ANGLE BETWEEN BRACKETS TO SUPPORT THE COUNTERTOP. TYPICAL.



1" GRAPHITE EPOXY RESIN PEGBOARD SHELF ASS'Y (1) ONE REQ'D.



1" GRAPHITE EPOXY RESIN TOP ASS'Y (1) ONE REQ'D. IN ROOM 378

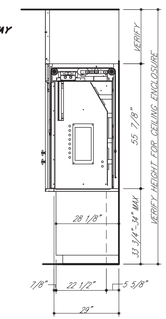


END VIEW

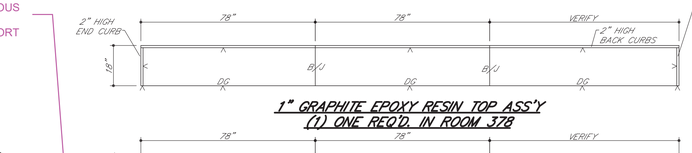
ELEVATION 18 (2/A0615)
QTY. 1 – ROOM 378

3622M: MOD TO EXTEND RIGHT END PANEL

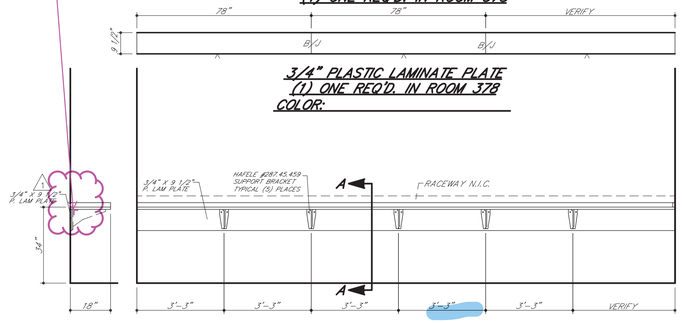
EYEWASH PROVIDED WITH AP3600 THERMOSTATIC MIXING VALVE UNIT



END VIEW

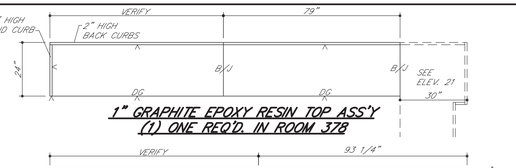


1" GRAPHITE EPOXY RESIN TOP ASS'Y (1) ONE REQ'D. IN ROOM 378

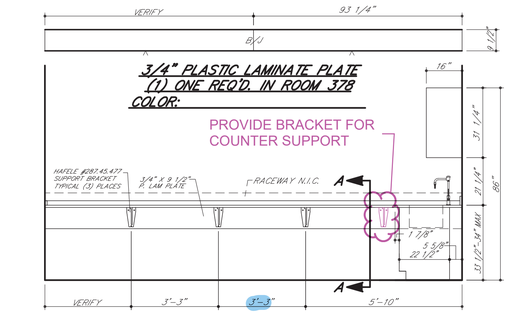


END VIEW

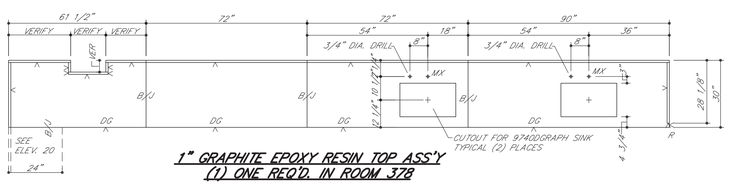
ELEVATION 19 (3/A0615)
QTY. 1 – ROOM 378



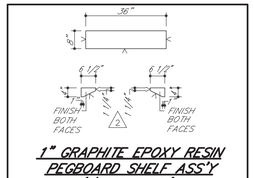
1" GRAPHITE EPOXY RESIN TOP ASS'Y (1) ONE REQ'D. IN ROOM 378



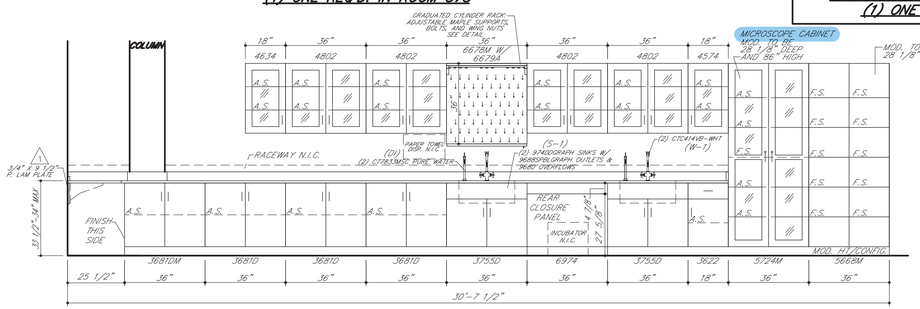
ELEVATION 20 (3/A0615)
QTY. 1 – ROOM 378



1" GRAPHITE EPOXY RESIN TOP ASS'Y (1) ONE REQ'D. IN ROOM 378

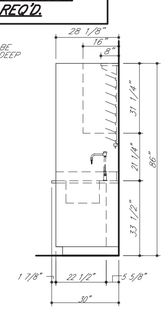


1" GRAPHITE EPOXY RESIN PEGBOARD SHELF ASS'Y (1) ONE REQ'D.

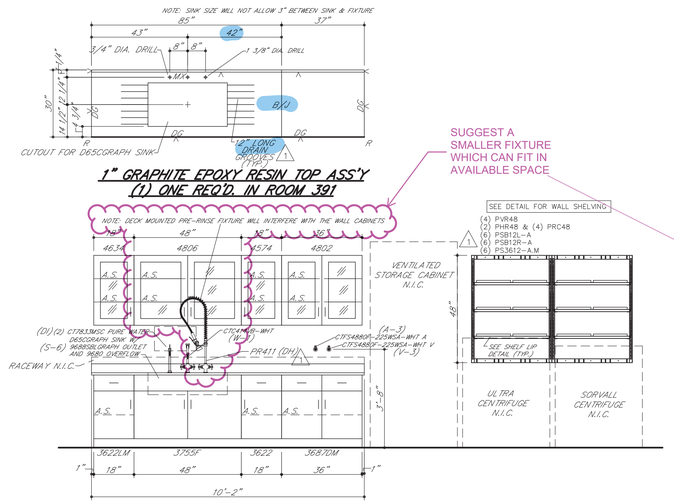


ELEVATION 21 (1/A0615)
QTY. 1 – ROOM 378

3681OM: MOD TO EXTEND LEFT END PANEL



END VIEW

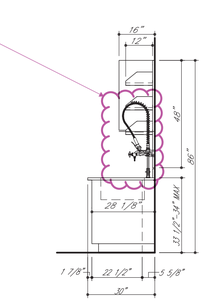


SUGGEST A SMALLER FIXTURE WHICH CAN FIT IN AVAILABLE SPACE

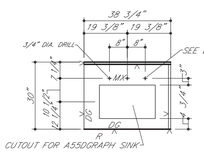
1" GRAPHITE EPOXY RESIN TOP ASS'Y (1) ONE REQ'D. IN ROOM 391

ELEVATION 22 (9/A0616)
QTY. 1 – ROOM 391

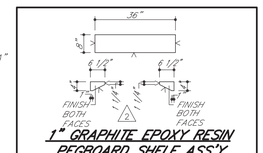
3622LM: MOD TO EXT LEFT END PANEL
3687OM: MOD TO EXT RIGHT END PANEL



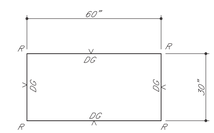
END VIEW



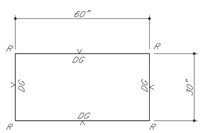
1" GRAPHITE EPOXY RESIN TOP ASS'Y (1) ONE REQ'D. IN ROOM 391



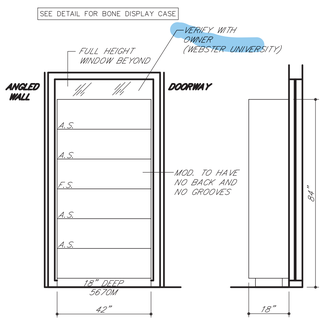
1" GRAPHITE EPOXY RESIN PEGBOARD SHELF ASS'Y (1) ONE REQ'D.



1" GRAPHITE EPOXY RESIN TOP ASS'Y (2) TWO REQ'D. IN ROOM 383 (2) TWO REQ'D. IN ROOM 391

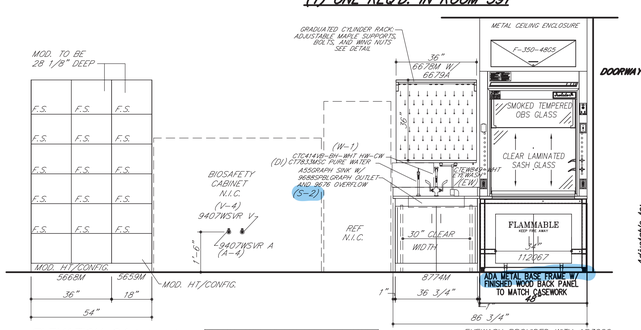


1" GRAPHITE EPOXY RESIN TOP ASS'Y (2) TWO REQ'D. IN ROOM 383 (2) TWO REQ'D. IN ROOM 391

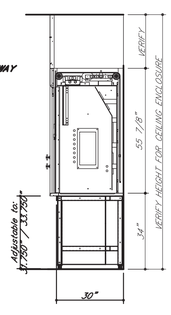


ELEVATION 23 (9/A0616)
QTY. 1 – ROOM 391

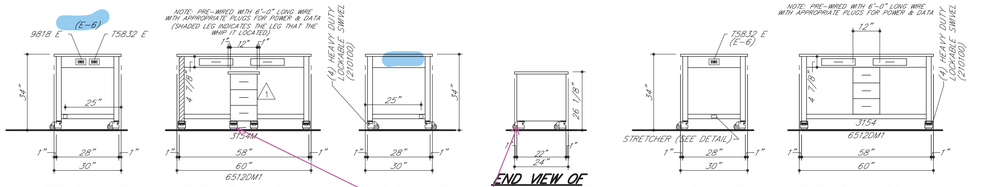
END VIEW



ELEVATION 24 (8/A0616)
QTY. 1 – ROOM 391



END VIEW



LEFT END VIEW

ELEVATION 25A (3/A0616)
QTY. 4 – ROOMS 383 AND 391

RIGHT END VIEW

END VIEW OF 3154M CABINET

END VIEW

ELEVATION 25B (3/A0616)
QTY. 4 – ROOMS 383 AND 391

HEAVY DUTY CASTERS SIMILAR TO TABLES NOT REQUIRED FOR MOBILE CABINETS

FSC www.fsc.org FSC® C016935

The mark of responsible forestry

SYM	DATE	BY	REVISIONS
1	01.04.17	MAN	REVISE/RESUBMIT
2	12.22.16	MAN	REVISE/RESUBMIT

GENERAL NOTES FOR TOP LAYOUTS

1. ALL SINK CUTOUTS FOR UNDERCOUNTER SINKS TO BE FINISHED INSIDE.
2. ALL SINK CORNERS TO HAVE 1-1/2" RADIUS.
3. ALL NUMBERED CURBS TO BE SHIPPED LOOSE.
4. ALL SINK CORNERS FOR "JUST" STAINLESS STEEL SINKS CAN BE CUT SQUARE OR UP TO 1/2" RADIUS.
5. ALL SINK CORNERS FOR "ELKAY" STAINLESS STEEL SINKS TO BE 1-1/2" RADIUS.
6. ALL CURBS TO BE 4" HIGH, UNLESS NOTED OTHERWISE.

TOP LAYOUT LEGEND

V – FINISH SURFACE AND RELIEVE EDGES
R – RELIEVE CORNERS
G – 7/8" DRILL FOR GAS COCK
G2 – 3/4" DRILL FOR GAS COCK PANEL MOUNTED
A – 7/8" DRILL FOR AIR COCK
A2 – 3/4" DRILL FOR AIR COCK PANEL MOUNTED
V – 7/8" DRILL FOR VACUUM COCK
V2 – 3/4" DRILL FOR VACUUM COCK PANEL MOUNTED
E – 1-1/8" DRILL FOR PEDESTAL ELECTRIC
⬡ – MARK EACH PIECE AS SHOWN
DG – DRIP GROOVE ON BOTTOM SIDE
CW – 3/4" DRILL FOR COLD WATER FAUCET
CW2 – 7/8" DRILL FOR COLD WATER FAUCET
HW – 3/4" DRILL FOR HOT WATER FAUCET
HW2 – 7/8" DRILL FOR HOT WATER FAUCET
DW – 7/8" DRILL FOR DISTILLED WATER FAUCET
CX – SEE CX DETAIL
MX – 1-1/4" DRILL FOR HOT AND COLD WATER MIXING FAUCET
RS – 1-1/8" DRILL FOR ROD SOCKET
FP – SEE FLUSH PLATE DETAIL
HX – SEE HX DETAIL
VX – SEE VX DETAIL
SE – 2-3/8" X 3-5/8" CUTOUT FOR SINGLE ELECTRIC
DE – 3-5/8" X 4-3/8" CUTOUT FOR DOUBLE ELECTRIC
DI – 7/8" DRILL FOR DEIONIZED WATER FIXTURE
B/J – BUTT JOINT
C.T.F. – CUT TO FIT AT JOBSITE
IF VANDAL RESISTANT FIXTURES/FAUCETS ARE PROVIDED, REFERENCE DETAILS.

GENERAL NOTES FOR ROUGH-IN

1. SHADED AREA WITHIN EACH UNIT INDICATES THE AVAILABLE PLUMBING SPACE. ALL SERVICES MUST BE LOCATED WITHIN THIS AREA.
2. SEE ARCHITECT'S PLAN FOR SIZE AND TYPE OF ALL PIPE, WIRE, AND CONDUIT, AND FOR ANY VENTS OR REVENTS REQUIRED.
3. ALL WASTES ARE 1-1/2" UNLESS NOTED OTHERWISE.
4. ONLY ITEMS TO BE SUPPLIED BY *ICI* ARE ROUGHED-IN.

IF TRAPS ARE TO BE FURNISHED BY *ICI*

1. IF SERVICES STUB-OUT THROUGH WALL, WASTE SHOULD BE LOCATED DIRECTLY BEHIND THE SINK OUTLET. MINIMUM AND MAXIMUM HEIGHT OF WASTE STUB-OUT TO BE AS INDICATED AT EACH UNIT. HEIGHT OF ALL OTHER SERVICES TO BE APPROXIMATELY 16" ABOVE FINISHED FLOOR. ALL OTHER SERVICES SHOULD STUB-OUT APPROXIMATELY 3" APART. ALL SERVICES MUST STUB-OUT WITHIN THE AVAILABLE PLUMBING SPACE.
2. IF SERVICES STUB-UP THROUGH FLOOR, WASTE SHOULD BE LOCATED 6" FROM SINK OUTLET. ALL OTHER SERVICES SHOULD STUB-UP APPROXIMATELY 3" APART. HEIGHT OF ALL SERVICES TO BE 6" ABOVE FINISHED FLOOR. ALL SERVICES MUST STUB-UP WITHIN THE AVAILABLE PLUMBING SPACE.
3. NOTE TYPE OF TRAP ("P" OR "S") LISTED ON SHOP DRAWING ELEVATIONS OR SHOP DRAWING BROCHURE FOR EACH SINK UNIT. UPON APPROVAL OF THESE DRAWINGS, EACH TYPE SPECIFIED WILL BE ASSUMED CORRECT UNLESS SPECIFICALLY NOTED OTHERWISE.

IF TRAPS ARE TO BE FURNISHED BY OTHERS

1. IF SERVICES STUB-OUT THROUGH WALL, LOCATION AND HEIGHT OF WASTE TO BE DETERMINED BY TRAP SUPPLIER. ALL OTHER SERVICES SHOULD STUB-OUT APPROXIMATELY 16" ABOVE FINISHED FLOOR. ALL SERVICES MUST STUB-OUT WITHIN THE AVAILABLE PLUMBING SPACE.
2. IF SERVICES STUB-UP THROUGH FLOOR, LOCATION OF WASTE TO BE DETERMINED BY TRAP SUPPLIER. ALL SERVICES SHOULD STUB-UP 6" ABOVE FINISHED FLOOR. ALL SERVICES MUST STUB-UP WITHIN THE AVAILABLE PLUMBING SPACE.
3. DIMENSION FOLLOWING DESIGNATION OF SINK OUTLET INDICATES HEIGHT FROM FINISHED FLOOR TO BOTTOM OF SINK OUTLET OR TAILPIECE. REFER TO SHOP DRAWING ELEVATIONS OR SHOP DRAWING BROCHURE TO VERIFY WHICH IS APPLICABLE.

ROUGH-IN LEGEND

W – WASTE
CW – COLD WATER
HW – HOT WATER
DW – DISTILLED WATER
DI – DEIONIZED WATER
G – GAS
A – AIR
V – VACUUM
S – STEAM
E – 115 V.A.C. ELECTRIC
E1 – 220 V.A.C. ELECTRIC
S.O. – (⊕) SINK OUTLET
P.C. – PIPE CHASE

ELEVATION LEGEND

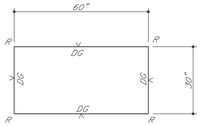
A.S. – ADJUSTABLE SHELF
LTH – 3 PT. LATCHING HANDLE
LHH – 3 PT. LOCKING HANDLE
RMS – REVOLVING METAL SHELF
P.S. – PULL OUT SHELF
* – MASTERKEYED LOCK
F.S. – FIXED SHELF
R/C/P – REAR CLOSURE PANEL
F/C/P – FRONT CLOSURE PANEL
F – FILLER

ROUGHING-IN DRAWINGS ARE OF AN ADVISORY NATURE, TO BE USED AS A GUIDE BY THE MECHANICAL CONTRACTOR TO EFFECT ROUGHING-IN THAT WILL BE WITHIN THE SHADED AREA (REFERRED TO AS PLUMBING SPACE) OF THE CABINET TO ALLOW FOR ACCESS TO SHUT-OFFS, TRAPS, SERVICE LINES AND ELECTRIC JUNCTION BOXES. THESE ROUGH-IN DRAWINGS SHALL NOT BE CONSIDERED AS AN AUTHORITY TO MAKE ANY CHANGES IN MECHANICAL OR ELECTRICAL CONTRACTS OR SUB-CONTRACTS ALREADY HELD BY THOSE DOING WORK FOR THE OWNER. FURTHERMORE, ANY VARIATIONS FROM THE ROUGH-IN SHOWN MADE NECESSARY BY BEAMS OR OTHER BUILDING CONDITIONS SHALL IN NO WAY BE CONSIDERED A LIABILITY RESULTING FROM THE PREPARATION AND SUBMISSION OF THESE DRAWINGS.

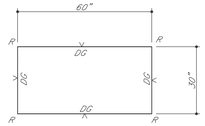
INSTITUTIONAL CASEWORK INC.
1865 North Market Street
Paris, TN 38242
(731) 642-4251

EQUIP. ELEVATIONS & TOP L.O.
WEBSTER UNIVERSITY
WEBSTER GROVES, MO

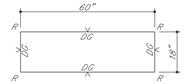
DIST.	CARROLL SEATING	JOB NO.	04437C
DRN. BY	C. MARTIN	CKD. BY	
DATE	09/28/16	DWG. NO.	04437CE3
SCALE	3/8" = 1'-0"	SHEET	5 OF 6



1" GRAPHITE EPOXY RESIN TOP ASS'Y
(2) TWO REQ'D. IN ROOM 383
(2) TWO REQ'D. IN ROOM 391

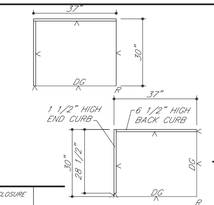


1" GRAPHITE EPOXY RESIN TOP ASS'Y
(2) TWO REQ'D. IN ROOM 383
(2) TWO REQ'D. IN ROOM 391

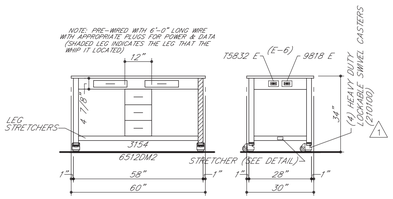


1" GRAPHITE EPOXY RESIN TOP ASS'Y
(3) THREE REQ'D. IN ROOM 383
(1) ONE REQ'D. IN ROOM 389
(2) TWO REQ'D. IN ROOM 391

1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 389

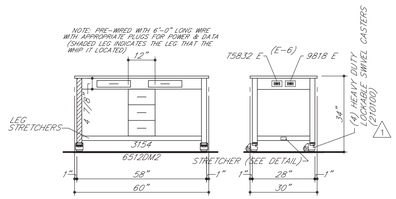


1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 389



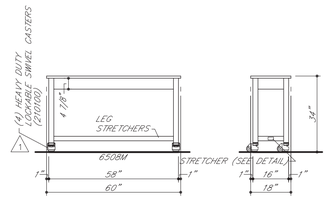
ELEVATION 26A (3/A0616)
QTY. 4 – ROOMS 383 AND 391

END VIEW



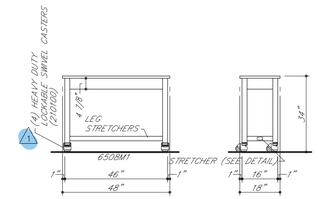
ELEVATION 26B (3/A0616)
QTY. 4 – ROOMS 383 AND 391

END VIEW



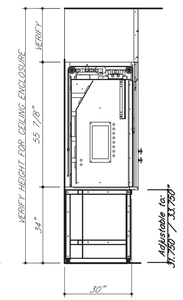
ELEVATION 27 (10/A0616)
QTY. 6 – ROOMS 383, 389, AND 391

END VIEW

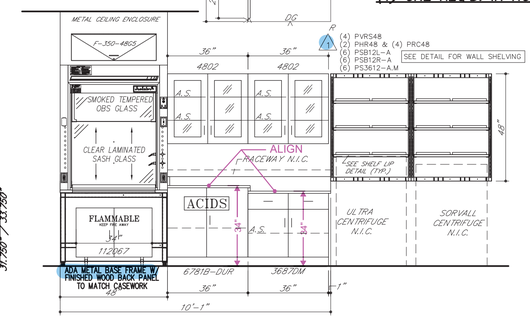


ELEVATION 28 (7/A0616)
QTY. 1 – ROOM 389

END VIEW

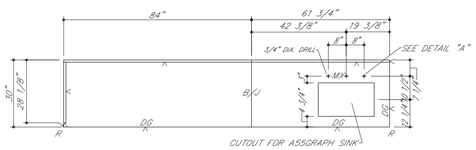


END VIEW

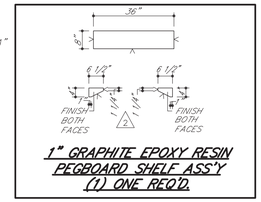


ELEVATION 29 (6/A0616)
QTY. 1 – ROOM 389

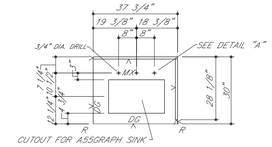
3687DM: MOD TO EXTEND RIGHT END PANEL



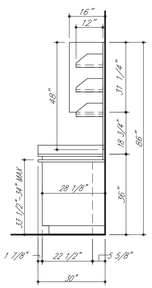
1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 389



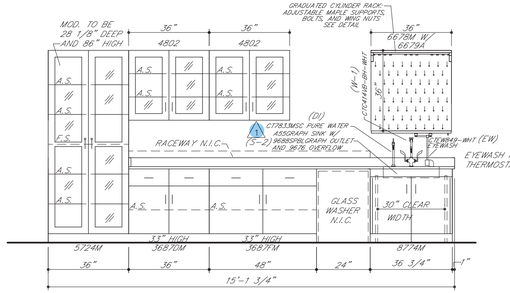
1" GRAPHITE EPOXY RESIN
PEGBOARD SHELF ASS'Y
(1) ONE REQ'D.



1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 383

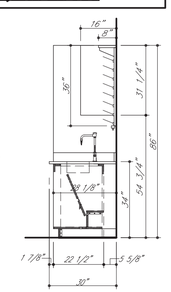


END VIEW OF
ELEV. 29

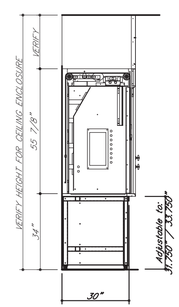


ELEVATION 30 (5/A0616)
QTY. 1 – ROOM 389

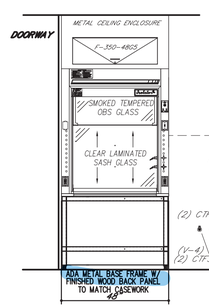
8774M: MOD TO EXT. RIGHT END PANEL



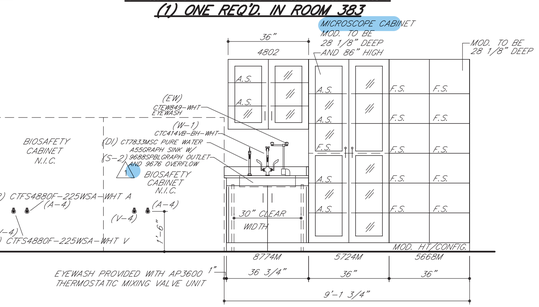
END VIEW



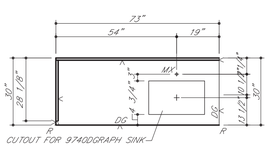
END VIEW



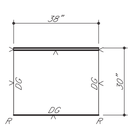
ELEVATION 31 (2/A0616)
QTY. 1 – ROOM 383

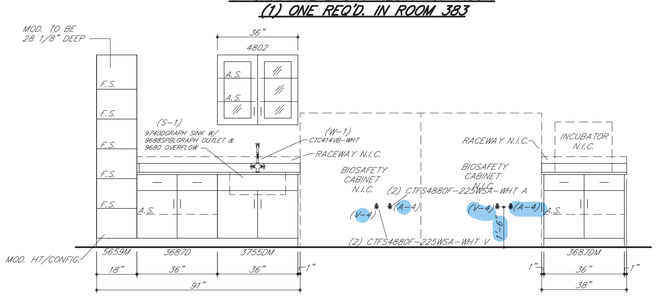


8774M: MOD TO EXT. LEFT END PANEL



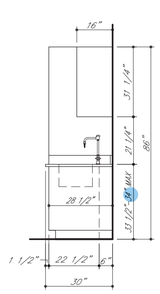
1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 383





ELEVATION 32 (1/A0616)
QTY. 1 – ROOM 383

37550M: MOD TO EXT. RIGHT END PANEL
3687DM: MOD TO EXT. LEFT & RIGHT END PANEL



END VIEW

FSC
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The mark of responsible forestry

SYM	DATE	BY	REVISIONS
1	01.04.17	MAH	REVISE/RESUBMIT
2	12.22.16	MAH	REVISE/RESUBMIT

GENERAL NOTES FOR TOP LAYOUTS

1. ALL SINK CUTOUTS FOR UNDERCOUNTER SINKS TO BE FINISHED INSIDE.
2. ALL SINK CORNERS TO HAVE 1–1/2" RADIUS.
3. ALL NUMBERED CURBS TO BE SHIPPED LOOSE.
4. ALL SINK CORNERS FOR "JUST" STAINLESS STEEL SINKS CAN BE CUT SQUARE OR UP TO 1/2" RADIUS.
5. ALL SINK CORNERS FOR "ELKAY" STAINLESS STEEL SINKS TO BE 1–1/2" RADIUS.
6. ALL CURBS TO BE 4" HIGH, UNLESS NOTED OTHERWISE.

TOP LAYOUT LEGEND

V – FINISH SURFACE AND RELIEVE EDGES
R – RELIEVE CORNERS
G – 7/8" DRILL FOR GAS COCK
G2 – 3/4" DRILL FOR GAS COCK PANEL MOUNTED
A – 7/8" DRILL FOR AIR COCK
A2 – 3/4" DRILL FOR AIR COCK PANEL MOUNTED
V – 7/8" DRILL FOR VACUUM COCK
V2 – 3/4" DRILL FOR VACUUM COCK PANEL MOUNTED
E – 1–1/8" DRILL FOR PEDESTAL ELECTRIC
○ – MARK EACH PIECE AS SHOWN
DG – DRIP GROOVE ON BOTTOM SIDE
CW – 3/4" DRILL FOR COLD WATER FAUCET
CW2 – 7/8" DRILL FOR COLD WATER FAUCET
HW – 3/4" DRILL FOR HOT WATER FAUCET
HW2 – 7/8" DRILL FOR HOT WATER FAUCET
DW – 7/8" DRILL FOR DISTILLED WATER FAUCET
CX – SEE CX DETAIL
MX – 1–1/4" DRILL FOR HOT AND COLD WATER MIXING FAUCET
RS – 1–1/8" DRILL FOR ROD SOCKET
FP – SEE FLUSH PLATE DETAIL
HX – SEE HX DETAIL
VX – SEE VX DETAIL
SE – 2–3/8" X 3–5/8" CUTOUT FOR SINGLE ELECTRIC
DE – 3–5/8" X 4–3/8" CUTOUT FOR DOUBLE ELECTRIC
DI – 7/8" DRILL FOR DEIONIZED WATER FIXTURE
B/J – BUTT JOINT
C.T.F. – CUT TO FIT AT JOBSITE
IF VANDAL RESISTANT FIXTURES/FAUCETS ARE PROVIDED, REFERENCE DETAILS.

GENERAL NOTES FOR ROUGH–IN

1. SHADED AREA WITHIN EACH UNIT INDICATES THE AVAILABLE PLUMBING SPACE. ALL SERVICES MUST BE LOCATED WITHIN THIS AREA.
2. SEE ARCHITECT'S PLAN FOR SIZE AND TYPE OF ALL PIPE, WIRE, AND CONDUIT, AND FOR ANY VENTS OR REVENTS REQUIRED.
3. ALL WASTES ARE 1–1/2" UNLESS NOTED OTHERWISE.
4. ONLY ITEMS TO BE SUPPLIED BY *ICI* ARE ROUGHED–IN.

IF TRAPS ARE TO BE FURNISHED BY *ICI*

1. IF SERVICES STUB–OUT THROUGH WALL, WASTE SHOULD BE LOCATED DIRECTLY BEHIND THE SINK OUTLET. MINIMUM AND MAXIMUM HEIGHT OF WASTE STUB–OUT TO BE AS INDICATED AT EACH UNIT. HEIGHT OF ALL OTHER SERVICES TO BE APPROXIMATELY 16" ABOVE FINISHED FLOOR. ALL OTHER SERVICES SHOULD STUB–OUT APPROXIMATELY 3" APART. ALL SERVICES MUST STUB–OUT WITHIN THE AVAILABLE PLUMBING SPACE.
2. IF SERVICES STUB–UP THROUGH FLOOR, WASTE SHOULD BE LOCATED 6" FROM SINK OUTLET. ALL OTHER SERVICES SHOULD STUB–UP APPROXIMATELY 3" APART. HEIGHT OF ALL SERVICES TO BE 6" ABOVE FINISHED FLOOR. ALL SERVICES MUST STUB–UP WITHIN THE AVAILABLE PLUMBING SPACE.
3. NOTE TYPE OF TRAP ("P" OR "S") LISTED ON SHOP DRAWING ELEVATIONS OR SHOP DRAWING BROCHURE FOR EACH SINK UNIT. UPON APPROVAL OF THESE DRAWINGS, EACH TYPE SPECIFIED WILL BE ASSUMED CORRECT UNLESS SPECIFICALLY NOTED OTHERWISE.

IF TRAPS ARE TO BE FURNISHED BY OTHERS

1. IF SERVICES STUB–OUT THROUGH WALL, LOCATION AND HEIGHT OF WASTE TO BE DETERMINED BY TRAP SUPPLIER. ALL OTHER SERVICES SHOULD STUB–OUT APPROXIMATELY 16" ABOVE FINISHED FLOOR. ALL SERVICES MUST STUB–OUT WITHIN THE AVAILABLE PLUMBING SPACE.
2. IF SERVICES STUB–UP THROUGH FLOOR, LOCATION OF WASTE TO BE DETERMINED BY TRAP SUPPLIER. ALL SERVICES SHOULD STUB–UP 6" ABOVE FINISHED FLOOR. ALL SERVICES MUST STUB–UP WITHIN THE AVAILABLE PLUMBING SPACE.
3. DIMENSION FOLLOWING DESIGNATION OF SINK OUTLET INDICATES HEIGHT FROM FINISHED FLOOR TO BOTTOM OF SINK OUTLET OR TAILPIECE. REFER TO SHOP DRAWING ELEVATIONS OR SHOP DRAWING BROCHURE TO VERIFY WHICH IS APPLICABLE.

ROUGH–IN LEGEND

W – WASTE
CW – COLD WATER
HW – HOT WATER
DW – DISTILLED WATER
DI – DEIONIZED WATER
G – GAS
A – AIR
V – VACUUM
S – STEAM
E – 115 V.A.C. ELECTRIC
E1 – 220 V.A.C. ELECTRIC
S.O. – (⊕) SINK OUTLET
P.C. – PIPE CHASE

ELEVATION LEGEND

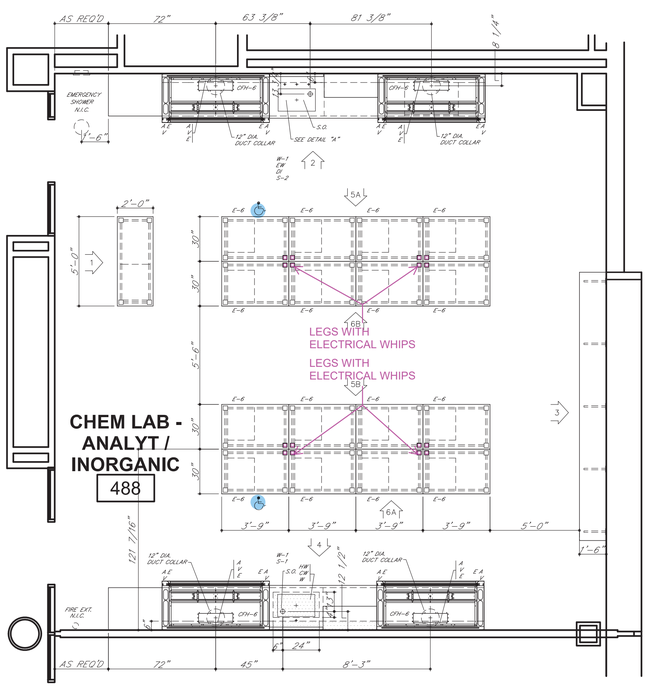
A.S. – ADJUSTABLE SHELF
LTH – 3 PT. LATCHING HANDLE
LKH – 3 PT. LOCKING HANDLE
RMS – REVOLVING METAL SHELF
P.S. – PULL OUT SHELF
F.S. – FIXED SHELF
R/C/P – REAR CLOSURE PANEL
F/C/P – FRONT CLOSURE PANEL
F – FILLER
* – MASTERKEYED LOCK

ROUGHING–IN DRAWINGS ARE OF AN ADVISORY NATURE, TO BE USED AS A GUIDE BY THE MECHANICAL CONTRACTOR TO EFFECT ROUGHING–IN THAT WILL BE WITHIN THE SHADED AREA (REFERRED TO AS PLUMBING SPACE) OF THE CABINET TO ALLOW FOR ACCESS TO SHUT–OFFS, TRAPS, SERVICE LINES AND ELECTRIC JUNCTION BOXES. THESE ROUGH–IN DRAWINGS SHALL NOT BE CONSIDERED AS AN AUTHORITY TO MAKE ANY CHANGES IN MECHANICAL OR ELECTRICAL CONTRACTS OR SUB–CONTRACTS ALREADY HELD BY THOSE DOING WORK FOR THE OWNER. FURTHERMORE, ANY VARIATIONS FROM THE ROUGH–IN SHOWN MADE NECESSARY BY BEAMS OR OTHER BUILDING CONDITIONS SHALL IN NO WAY BE CONSIDERED A LIABILITY RESULTING FROM THE PREPARATION AND SUBMISSION OF THESE DRAWINGS.

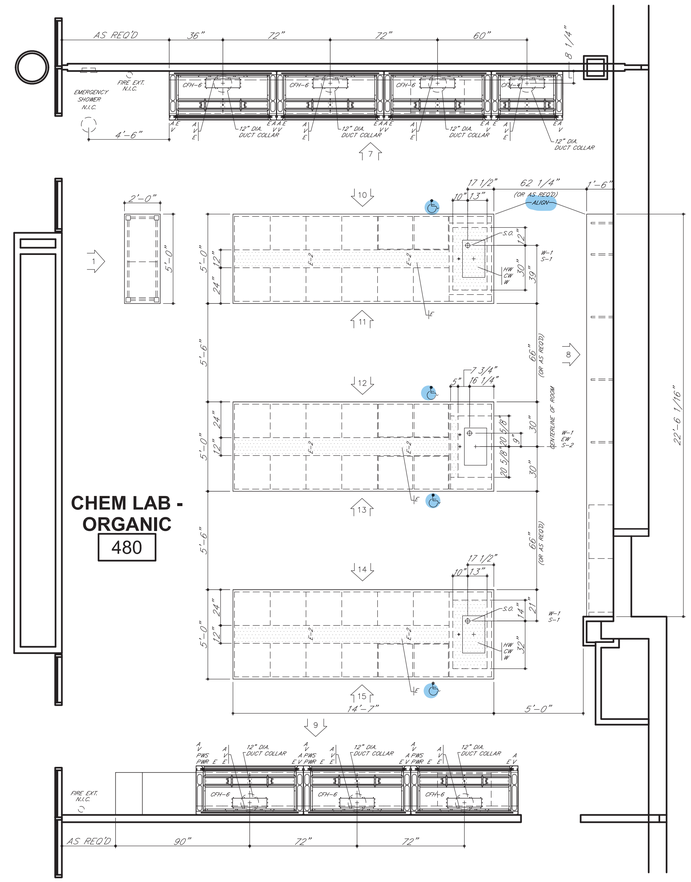
INSTITUTIONAL CASEWORK INC.
1865 North Market Street
Paris, TN 38242
(731) 642-4251

EQUIP. ELEVATIONS & TOP L.O.
WEBSTER UNIVERSITY
WEBSTER GROVES, MO

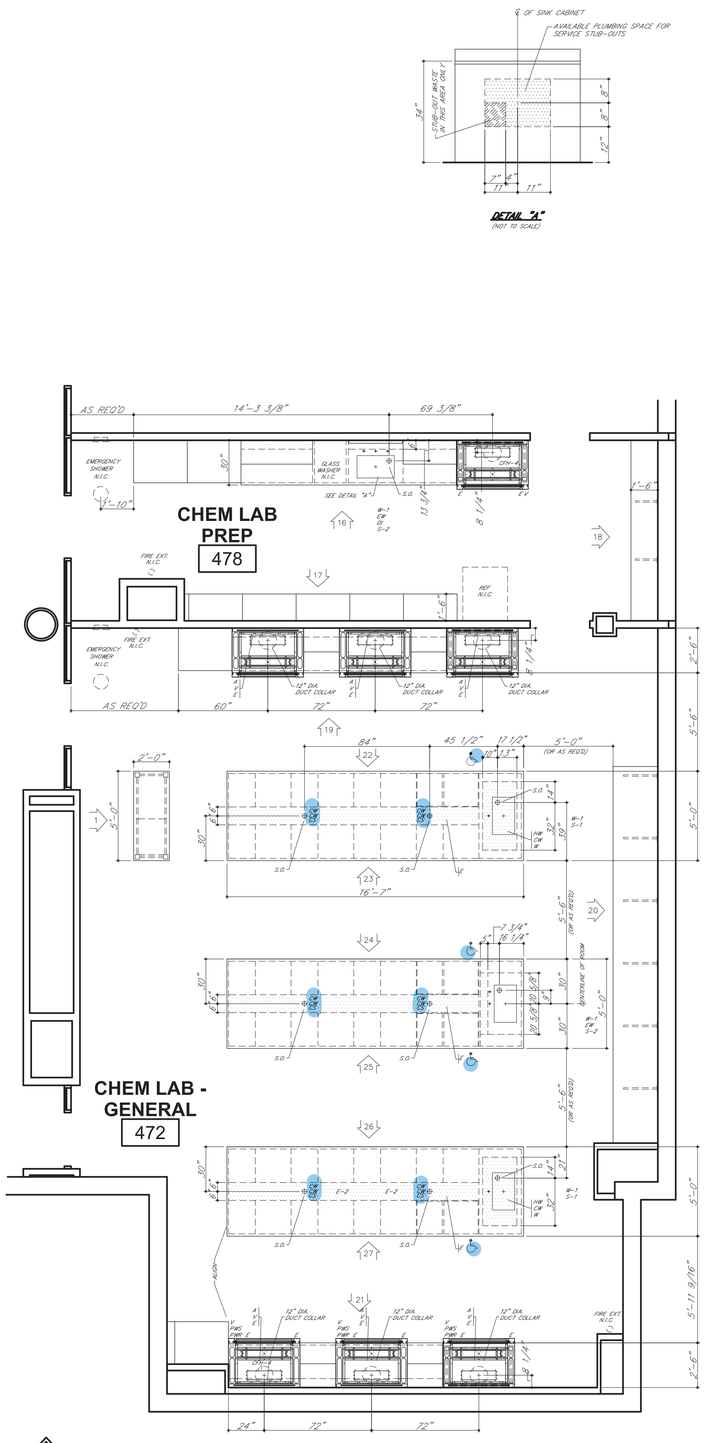
DIST.	CARROLL SEATING	JOB NO.	04437C
DRN. BY	C. MARTIN	CKD. BY	
DATE	09/28/16	DWG. NO.	04437CE4
SCALE	3/8" = 1'-0"	SHEET	6 OF 6



PARTIAL FLOOR PLAN
LEVEL 04 – AREA A– CHEMISTRY EAST
NORTH



PARTIAL FLOOR PLAN
LEVEL 04 – AREA A– CHEMISTRY EAST
SOUTH



SYM	DATE	BY	REVISIONS
2	01.04.17	MAH	REVISE/RESUBMIT
1	12.22.16	MAH	REVISE/RESUBMIT

GENERAL NOTES FOR TOP LAYOUTS

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LTH – 3 PT. LATCHING HANDLE
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Paris, TN 38242
(731) 642-4251

SCIENCE EQUIPMENT ROUGH–IN
WEBSTER UNIVERSITY
WEBSTER GROVES, MO

DIST.	CARROLL SEATING	JOB NO.	044370
DRN. BY	C. MARTIN	CKD. BY	
DATE	09/30/16	DWG. NO.	044370R1
SCALE	1/4" = 1'-0"	SHEET	1 OF 8

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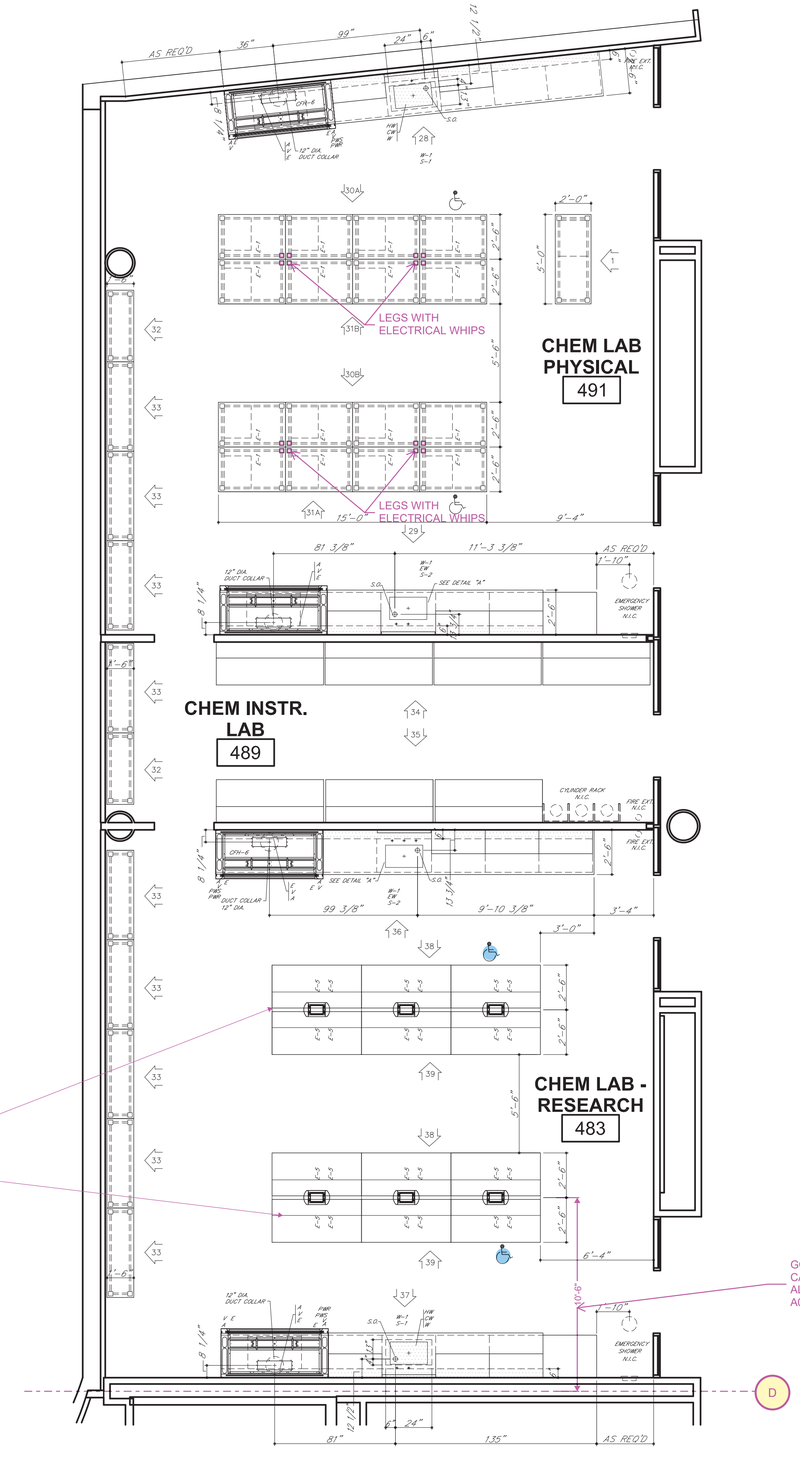

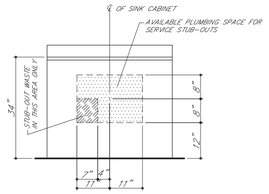

DETAIL "A"
(NOT TO SCALE)

PARTIAL FLOOR PLAN
LEVEL 04 – AREA A– CHEMISTRY WEST

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The mark of responsible forestry

SYM	DATE	BY	REVISIONS
2	01.04.17	MAH	REVISE/RESUBMIT
1	12.22.16	MAH	REVISE/RESUBMIT

GENERAL NOTES FOR TOP LAYOUTS

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2. ALL SINK CORNERS TO HAVE 1–1/2" RADIUS.
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3. ALL WASTES ARE 1–1/2" UNLESS NOTED OTHERWISE.
4. ONLY ITEMS TO BE SUPPLIED BY *CampbellRhea* ARE ROUGHED–IN.

IF TRAPS ARE TO BE FURNISHED BY *CampbellRhea*

1. IF SERVICES STUB–OUT THROUGH WALL, WASTE SHOULD BE LOCATED DIRECTLY BEHIND THE SINK OUTLET. MINIMUM AND MAXIMUM HEIGHT OF WASTE STUB–OUT TO BE AS INDICATED AT EACH UNIT. HEIGHT OF ALL OTHER SERVICES TO BE APPROXIMATELY 16" ABOVE FINISHED FLOOR. ALL OTHER SERVICES SHOULD STUB–OUT APPROXIMATELY 3" APART. ALL SERVICES MUST STUB–OUT WITHIN THE AVAILABLE PLUMBING SPACE.
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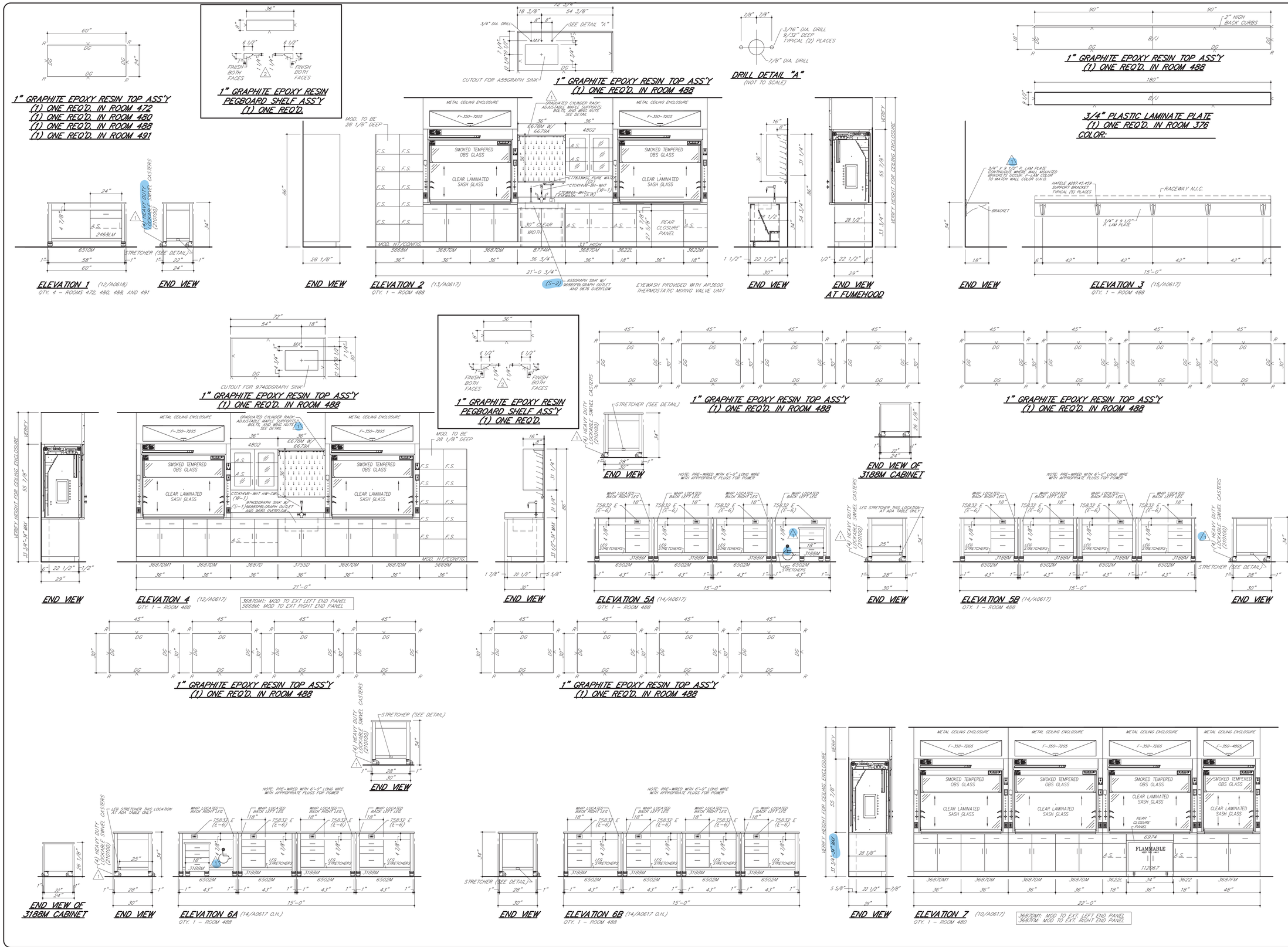
ROUGHING–IN DRAWINGS ARE OF AN ADVISORY NATURE, TO BE USED AS A GUIDE BY THE MECHANICAL CONTRACTOR TO EFFECT ROUGHING–IN THAT WILL BE WITHIN THE SHADED AREA (REFERRED TO AS PLUMBING SPACE) OF THE CABINET TO ALLOW FOR ACCESS TO SHUT–OFFS, TRAPS, SERVICE LINES AND ELECTRIC JUNCTION BOXES. THESE ROUGH–IN DRAWINGS SHALL NOT BE CONSIDERED AS AN AUTHORITY TO MAKE ANY CHANGES IN MECHANICAL OR ELECTRICAL CONTRACTS OR SUB–CONTRACTS ALREADY HELD BY THOSE DOING WORK FOR THE OWNER. FURTHERMORE, ANY VARIATIONS FROM THE ROUGH–IN SHOWN MADE NECESSARY BY BEAMS OR OTHER BUILDING CONDITIONS SHALL IN NO WAY BE CONSIDERED A LIABILITY RESULTING FROM THE PREPARATION AND SUBMISSION OF THESE DRAWINGS.

CampbellRhea INSTITUTIONAL CASEWORK INC.

INSTITUTIONAL CASEWORK INC.
1865 North Market Street
Paris, TN 38242
(731) 642-4251

SCIENCE EQUIPMENT ROUGH–IN
WEBSTER UNIVERSITY
WEBSTER GROVES, MO

DIST.	CARROLL SEATING	JOB NO.	044370
DRN. BY	C. MARTIN	CKD. BY	
DATE	09/30/16	DWG. NO.	044370R2
SCALE	1/4" = 1'–0"	SHEET	2 OF 8



SYM	DATE	BY	REVISIONS
1	01.04.17	MAH	REVISE/RESUBMIT
2	12.22.16	MAH	REVISE/RESUBMIT

GENERAL NOTES FOR TOP LAYOUTS

1. ALL SINK CUTOUTS FOR UNDERCOUNTER SINKS TO BE FINISHED INSIDE.
2. ALL SINK CORNERS TO HAVE 1-1/2" RADIUS.
3. ALL NUMBERED CURBS TO BE SHIPPED LOOSE.
4. ALL SINK CORNERS FOR "JUSIT" STAINLESS STEEL SINKS CAN BE CUT SQUARE OR UP TO 1/2" RADIUS.
5. ALL SINK CORNERS FOR "ELKAY" STAINLESS STEEL SINKS TO BE 1-1/2" RADIUS.
6. ALL CURBS TO BE 4" HIGH, UNLESS NOTED OTHERWISE.

TOP LAYOUT LEGEND

V – FINISH SURFACE AND RELIEVE EDGES
R – RELIEVE CORNERS
G – 7/8" DRILL FOR GAS COCK
G2 – 3/4" DRILL FOR GAS COCK PANEL MOUNTED
A – 7/8" DRILL FOR AIR COCK
A2 – 3/4" DRILL FOR AIR COCK PANEL MOUNTED
V – 7/8" DRILL FOR VACUUM COCK
V2 – 3/4" DRILL FOR VACUUM COCK PANEL MOUNTED
E – 1-1/8" DRILL FOR PEDESTAL ELECTRIC
○ – MARK EACH PIECE AS SHOWN
DG – DRIP GROOVE ON BOTTOM SIDE
CW – 3/4" DRILL FOR COLD WATER FAUCET
CW2 – 7/8" DRILL FOR COLD WATER FAUCET
HW – 3/4" DRILL FOR HOT WATER FAUCET
HW2 – 7/8" DRILL FOR HOT WATER FAUCET
DW – 7/8" DRILL FOR DISTILLED WATER FAUCET
CX – SEE CX DETAIL
MX – 1-1/4" DRILL FOR HOT AND COLD WATER MIXING FAUCET
RS – 1-1/8" DRILL FOR ROD SOCKET
FP – SEE FLUSH PLATE DETAIL
HX – SEE HX DETAIL
VX – SEE VX DETAIL
SE – 2-3/8" X 3-5/8" CUTOUT FOR SINGLE ELECTRIC
DE – 3-5/8" X 4-3/8" CUTOUT FOR DOUBLE ELECTRIC
DI – 7/8" DRILL FOR DEIONIZED WATER FIXTURE
B/J – BUTT JOINT
C.T.F. – CUT TO FIT AT JOBSITE
IF VANDAL RESISTANT FIXTURES/FAUCETS ARE PROVIDED, REFERENCE DETAILS.

GENERAL NOTES FOR ROUGH-IN

1. SHADED AREA WITHIN EACH UNIT INDICATES THE AVAILABLE PLUMBING SPACE. ALL SERVICES MUST BE LOCATED WITHIN THIS AREA.
2. SEE ARCHITECT'S PLAN FOR SIZE AND TYPE OF ALL PIPE, WIRE, AND CONDUIT, AND FOR ANY VENTS OR REVENTS REQUIRED.
3. ALL WASTES ARE 1-1/2" UNLESS NOTED OTHERWISE.
4. ONLY ITEMS TO BE SUPPLIED BY *ICI* ARE ROUGHED-IN.

IF TRAPS ARE TO BE FURNISHED BY *ICI*

1. IF SERVICES STUB-OUT THROUGH WALL, WASTE SHOULD BE LOCATED DIRECTLY BEHIND THE SINK OUTLET. MINIMUM AND MAXIMUM HEIGHT OF WASTE STUB-OUT TO BE AS INDICATED AT EACH UNIT. HEIGHT OF ALL OTHER SERVICES TO BE APPROXIMATELY 16" ABOVE FINISHED FLOOR. ALL OTHER SERVICES SHOULD STUB-OUT APPROXIMATELY 3" APART. ALL SERVICES MUST STUB-OUT WITHIN THE AVAILABLE PLUMBING SPACE.
2. IF SERVICES STUB-UP THROUGH FLOOR, WASTE SHOULD BE LOCATED 6" FROM SINK OUTLET. ALL OTHER SERVICES SHOULD STUB-UP APPROXIMATELY 3" APART. HEIGHT OF ALL SERVICES TO BE 6" ABOVE FINISHED FLOOR. ALL SERVICES MUST STUB-UP WITHIN THE AVAILABLE PLUMBING SPACE.
3. NOTE TYPE OF TRAP ("P" OR "S") LISTED ON SHOP DRAWING ELEVATIONS OR SHOP DRAWING BROCHURE FOR EACH SINK UNIT. UPON APPROVAL OF THESE DRAWINGS, EACH TYPE SPECIFIED WILL BE ASSUMED CORRECT UNLESS SPECIFICALLY NOTED OTHERWISE.

IF TRAPS ARE TO BE FURNISHED BY OTHERS

1. IF SERVICES STUB-OUT THROUGH WALL, LOCATION AND HEIGHT OF WASTE TO BE DETERMINED BY TRAP SUPPLIER. ALL OTHER SERVICES SHOULD STUB-OUT APPROXIMATELY 16" ABOVE FINISHED FLOOR. ALL SERVICES MUST STUB-OUT WITHIN THE AVAILABLE PLUMBING SPACE.
2. IF SERVICES STUB-UP THROUGH FLOOR, LOCATION OF WASTE TO BE DETERMINED BY TRAP SUPPLIER. ALL SERVICES SHOULD STUB-UP 6" ABOVE FINISHED FLOOR. ALL SERVICES MUST STUB-UP WITHIN THE AVAILABLE PLUMBING SPACE.
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ROUGH-IN LEGEND

W – WASTE
CW – COLD WATER
HW – HOT WATER
DW – DISTILLED WATER
DI – DEIONIZED WATER
G – GAS
A – AIR
V – VACUUM
S – STEAM
E – 115 V.A.C. ELECTRIC
E1 – 220 V.A.C. ELECTRIC
S.O. – (Φ) SINK OUTLET
P.C. – PIPE CHASE

ELEVATION LEGEND

A.S. – ADJUSTABLE SHELF
LTH – 3 PT. LATCHING HANDLE
LKH – 3 PT. LOCKING HANDLE
RMS – REVOLVING METAL SHELF
P.S. – PULL OUT SHELF
* – MASTERKEYED LOCK
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EQUIP. ELEVATIONS & TOP L.O.
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DIST.	CARROLL SEATING	JOB NO.	044370
DRN. BY	C. MARTIN	CKD. BY	
DATE	09/30/16	DWG. NO.	044370E1
SCALE	3/8" = 1'-0"	SHEET	3 OF 8

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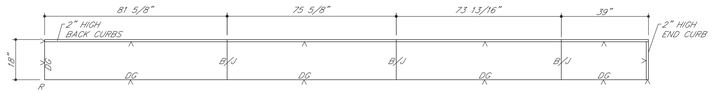
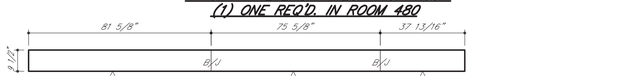
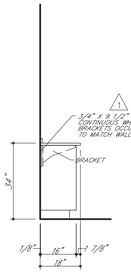


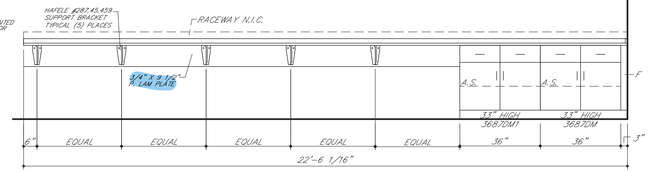
1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 480



3/4" PLASTIC LAMINATE PLATE
(1) ONE REQ'D. IN ROOM 376
COLOR:

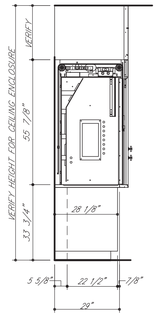


END VIEW

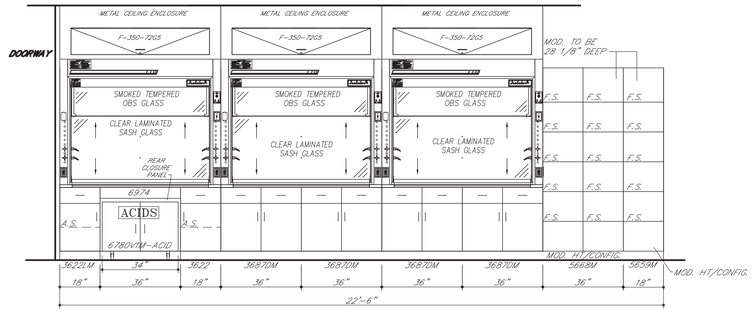


ELEVATION 8 (8/A0617)
QTY. 1 – ROOM 480

368/7DM1- MOD TO EXT LEFT END PANEL & DEPTH
368/7DM- MOD DEPTH

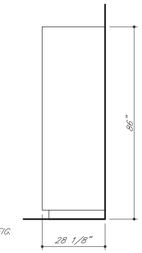


END VIEW

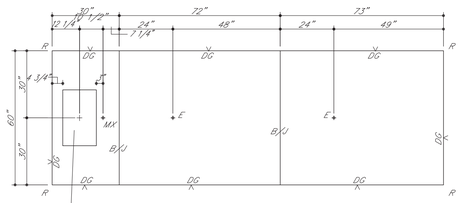


ELEVATION 9 (9/A0617)
QTY. 1 – ROOM 480

3622LM- MOD TO EXT LEFT END PANEL

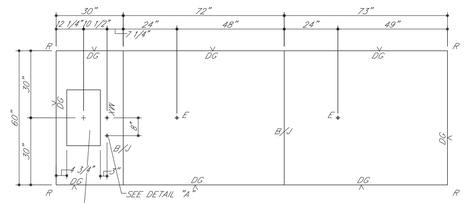


END VIEW



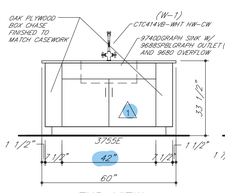
CUTOUT FOR 9740DGRAPH SINK

1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 480



CUTOUT FOR A55GRAPH SINK

1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 480



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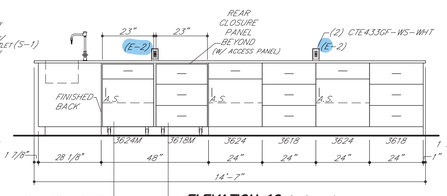
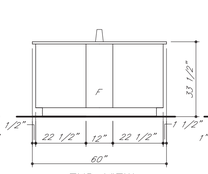
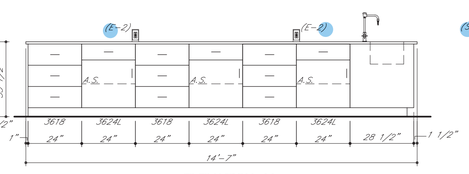


MOD. WIDTH, HEIGHT, FIN. TOP, FIN. BACK, 22" DEEP

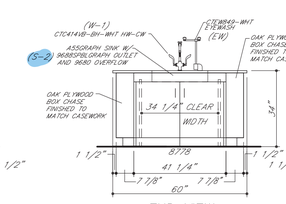
ELEVATION 10 (11/A0617)
QTY. 1 – ROOM 480



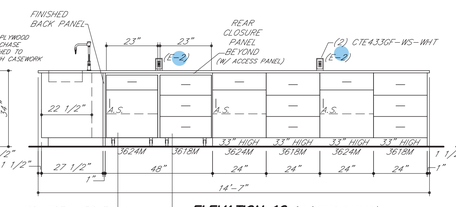
END VIEW



ELEVATION 11 (11/A0617 SIMILAR)
QTY. 1 – ROOM 480

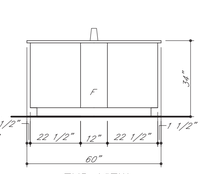


END VIEW

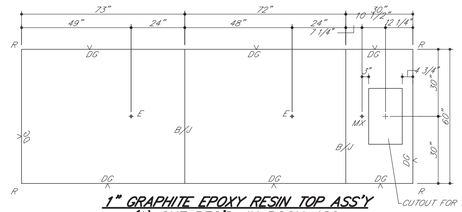


MOD. WIDTH, HEIGHT, FIN. TOP, FIN. BACK, 22" DEEP

ELEVATION 12 (11/A0617 SIMILAR)
QTY. 1 – ROOM 480

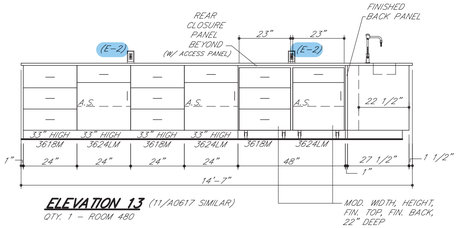


END VIEW



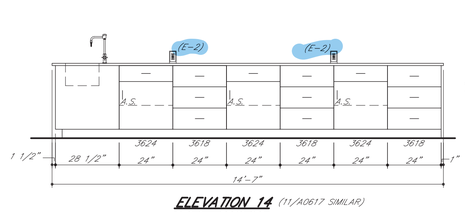
1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 480

CUTOUT FOR 9740DGRAPH SINK

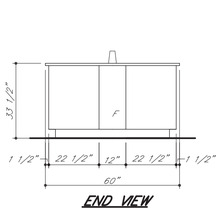


ELEVATION 13 (11/A0617 SIMILAR)
QTY. 1 – ROOM 480

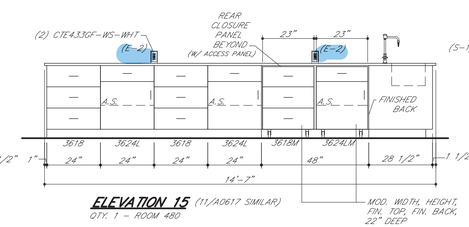
MOD. WIDTH, HEIGHT, FIN. TOP, FIN. BACK, 22" DEEP



ELEVATION 14 (11/A0617 SIMILAR)
QTY. 1 – ROOM 480

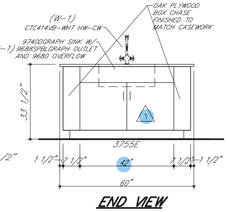


END VIEW



MOD. WIDTH, HEIGHT, FIN. TOP, FIN. BACK, 22" DEEP

ELEVATION 15 (11/A0617 SIMILAR)
QTY. 1 – ROOM 480



END VIEW

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1	01.04.17	MAH	REVISE/RESUBMIT
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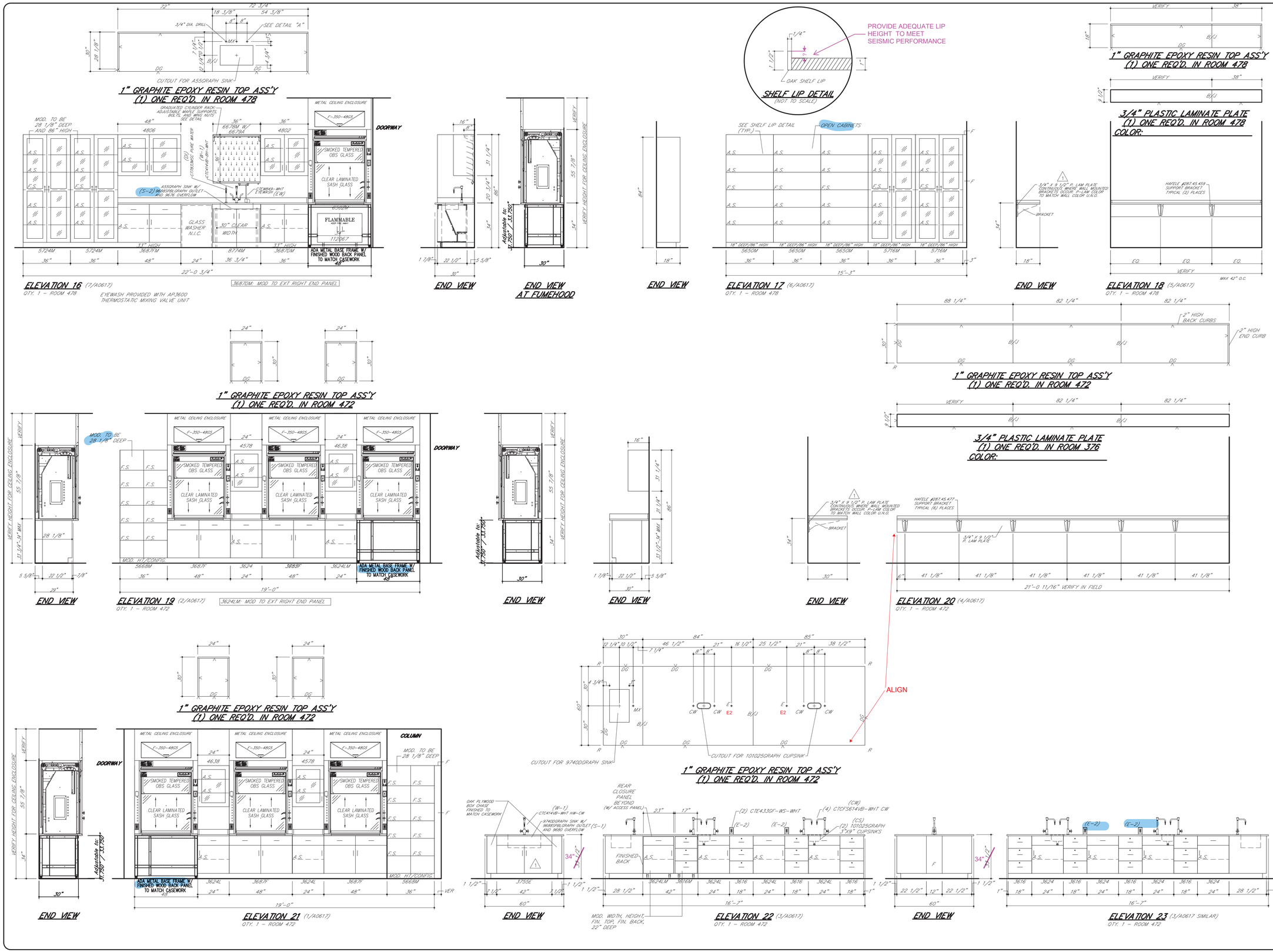
INSTITUTIONAL CASEWORK INC.
1865 North Market Street
Paris, TN 38242
(731) 642-4251

EQUIP. ELEVATIONS & TOP L.O.
WEBSTER UNIVERSITY
WEBSTER GROVES, MO

DIST. CARROLL SEATING	JOB NO. 04437D
DRN. BY C. MARTIN	CKD. BY
DATE 09/30/16	DWG. NO. 04437DE2
SCALE 3/8" = 1'-0"	SHEET 4 OF 8



SYM	DATE	BY	REVISIONS
4	01.04.17	MAH	REVISE/RESUBMIT
3	12.22.16	MAH	REVISE/RESUBMIT

GENERAL NOTES FOR TOP LAYOUTS

1. ALL SINK CUTOUTS FOR UNDERCOUNTER SINKS TO BE FINISHED INSIDE.
2. ALL SINK CORNERS TO HAVE 1–1/2" RADIUS.
3. ALL NUMBERED CURBS TO BE SHIPPED LOOSE.
4. ALL SINK CORNERS FOR "JUST" STAINLESS STEEL SINKS CAN BE CUT SQUARE OR UP TO 1/2" RADIUS.
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6. ALL CURBS TO BE 4" HIGH, UNLESS NOTED OTHERWISE.

TOP LAYOUT LEGEND

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R – RELIEVE CORNERS
G – 7/8" DRILL FOR GAS COCK
G2 – 3/4" DRILL FOR GAS COCK PANEL MOUNTED
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○ – MARK EACH PIECE AS SHOWN
DG – DRIP GROOVE ON BOTTOM SIDE
CW – 3/4" DRILL FOR COLD WATER FAUCET
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HW2 – 7/8" DRILL FOR HOT WATER FAUCET
DW – 7/8" DRILL FOR DISTILLED WATER FAUCET
CX – SEE CX DETAIL
MX – 1–1/4" DRILL FOR HOT AND COLD WATER MIXING FAUCET
RS – 1–1/8" DRILL FOR ROD SOCKET
FP – SEE FLUSH PLATE DETAIL
HX – SEE HX DETAIL
VX – SEE VX DETAIL
SE – 2–3/8" X 3–5/8" CUTOUT FOR SINGLE ELECTRIC
DE – 3–5/8" X 4–3/8" CUTOUT FOR DOUBLE ELECTRIC
DI – 7/8" DRILL FOR DEIONIZED WATER FIXTURE
B/J – BUTT JOINT
C.T.F. – CUT TO FIT AT JOBSITE
IF VANDAL RESISTANT FIXTURES/FAUCETS ARE PROVIDED, REFERENCE DETAILS.

GENERAL NOTES FOR ROUGH–IN

1. SHADED AREA WITHIN EACH UNIT INDICATES THE AVAILABLE PLUMBING SPACE. ALL SERVICES MUST BE LOCATED WITHIN THIS AREA.
2. SEE ARCHITECT'S PLAN FOR SIZE AND TYPE OF ALL PIPE, WIRE, AND CONDUIT, AND FOR ANY VENTS OR REVENTS REQUIRED.
3. ALL WASTES ARE 1–1/2" UNLESS NOTED OTHERWISE.
4. ONLY ITEMS TO BE SUPPLIED BY *ICI* ARE ROUGHED–IN.

IF TRAPS ARE TO BE FURNISHED BY *ICI*

1. IF SERVICES STUB–OUT THROUGH WALL, WASTE SHOULD BE LOCATED DIRECTLY BEHIND THE SINK OUTLET. MINIMUM AND MAXIMUM HEIGHT OF WASTE STUB–OUT TO BE AS INDICATED AT EACH UNIT. HEIGHT OF ALL OTHER SERVICES TO BE APPROXIMATELY 16" ABOVE FINISHED FLOOR. ALL OTHER SERVICES SHOULD STUB–OUT APPROXIMATELY 3" APART. ALL SERVICES MUST STUB–OUT WITHIN THE AVAILABLE PLUMBING SPACE.
2. IF SERVICES STUB–UP THROUGH FLOOR, WASTE SHOULD BE LOCATED 6" FROM SINK OUTLET. ALL OTHER SERVICES SHOULD STUB–UP APPROXIMATELY 3" APART. HEIGHT OF ALL SERVICES TO BE 6" ABOVE FINISHED FLOOR. ALL SERVICES MUST STUB–UP WITHIN THE AVAILABLE PLUMBING SPACE.
3. NOTE TYPE OF TRAP ("P" OR "S") LISTED ON SHOP DRAWING ELEVATIONS OR SHOP DRAWING BROCHURE FOR EACH SINK UNIT. UPON APPROVAL OF THESE DRAWINGS, EACH TYPE SPECIFIED WILL BE ASSUMED CORRECT UNLESS SPECIFICALLY NOTED OTHERWISE.

IF TRAPS ARE TO BE FURNISHED BY OTHERS

1. IF SERVICES STUB–OUT THROUGH WALL, LOCATION AND HEIGHT OF WASTE TO BE DETERMINED BY TRAP SUPPLIER. ALL OTHER SERVICES SHOULD STUB–OUT APPROXIMATELY 16" ABOVE FINISHED FLOOR. ALL SERVICES MUST STUB–OUT WITHIN THE AVAILABLE PLUMBING SPACE.
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ROUGH–IN LEGEND

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HW – HOT WATER
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E2 – 220 V.A.C. ELECTRIC
S.O. – (⊕) SINK OUTLET
P.C. – PIPE CHASE

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A.S. – ADJUSTABLE SHELF
LTH – 3 PT. LATCHING HANDLE
LKH – 3 PT. LOCKING HANDLE
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F.S. – FIXED SHELF
R/C/P – REAR CLOSURE PANEL
F/C/P – FRONT CLOSURE PANEL
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DIST.	CARROLL SEATING	JOB NO.	044370
DRN. BY	C. MARTIN	CKD. BY	
DATE	09/30/16	DWG. NO.	044370E3
SCALE	3/8" = 1'–0"	SHEET	5 OF 8

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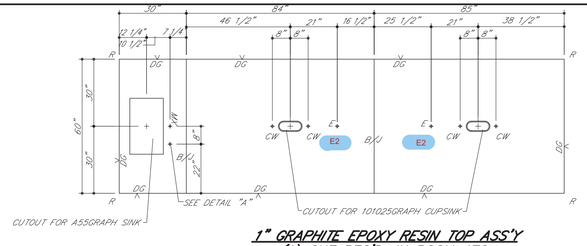
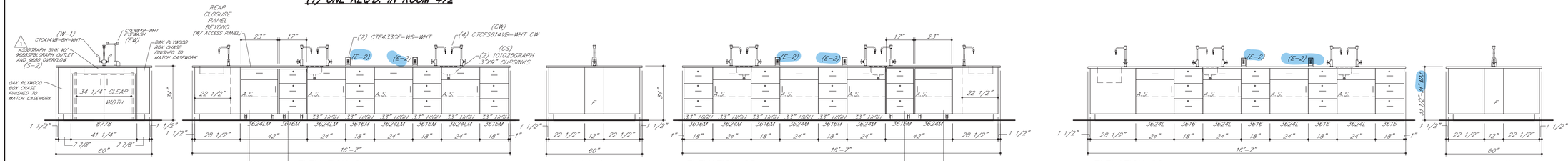
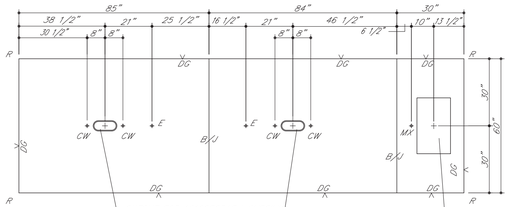
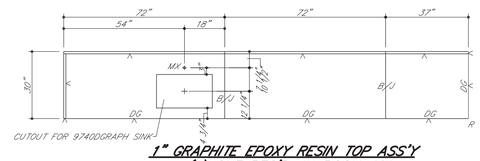


1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 472

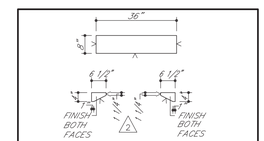




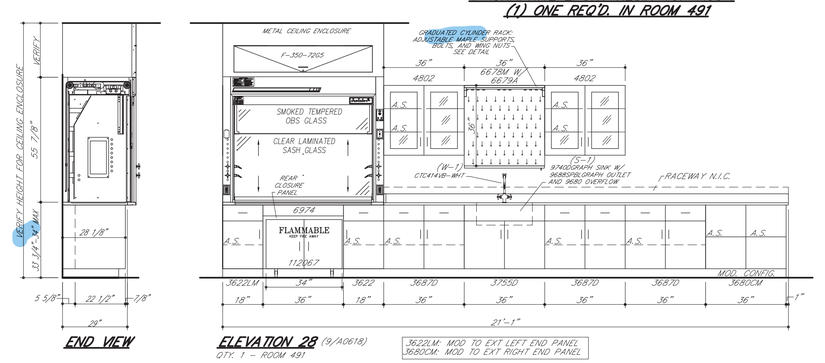
1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 472

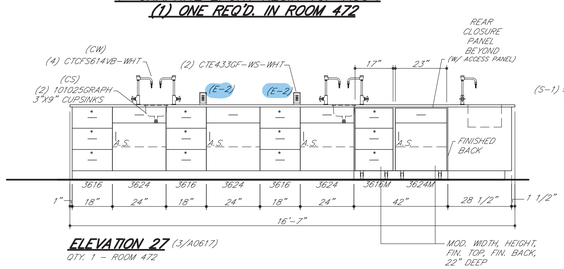


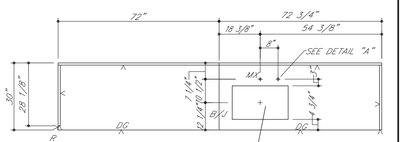
1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 491



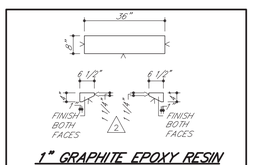
1" GRAPHITE EPOXY RESIN
PEGBOARD SHELF ASS'Y
(1) ONE REQ'D.







1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 491



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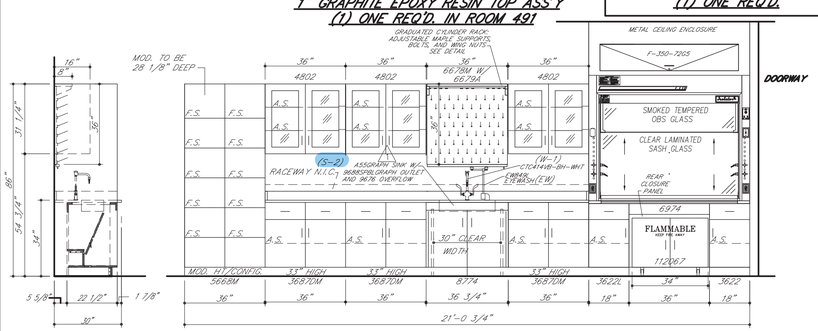

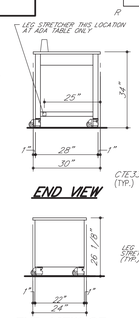

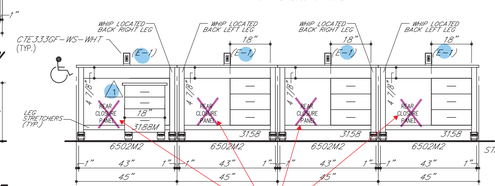

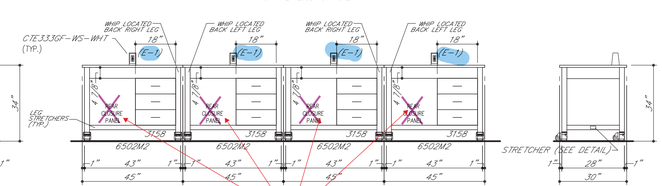

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1	01.04.17	MAH	REVISE/RESUBMIT
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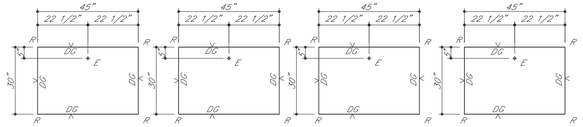
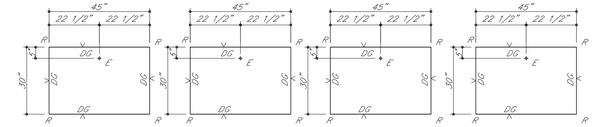
DIST.	CARROLL SEATING	JOB NO.	04437D
DRN. BY	C. MARTIN	CKD. BY	
DATE	09/30/16	DWG. NO.	04437DE4
SCALE	3/8" = 1'-0"	SHEET	6 OF 8



1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 491



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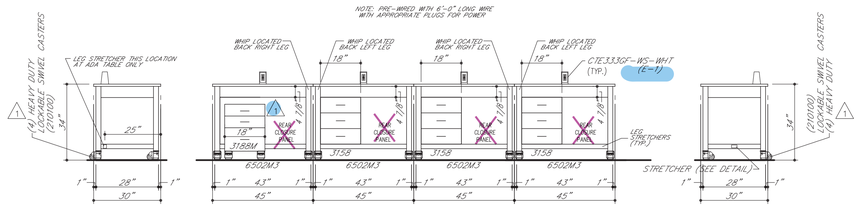
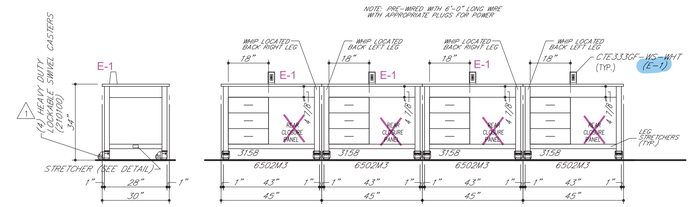


END VIEW

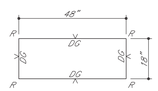
ELEVATION 31A (10/A0618)
QTY. 1- ROOM 491

END VIEW

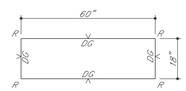


END VIEW

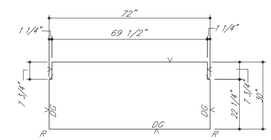
ELEVATION 31B (10/A0618)
QTY. 1 - ROOM 491



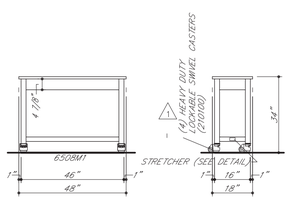
1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 489
(1) ONE REQ'D. IN ROOM 491



1" GRAPHITE EPOXY RESIN TOP ASS'Y
(5) FIVE REQ'D. IN ROOM 483
(1) ONE REQ'D. IN ROOM 489
(3) THREE REQ'D. IN ROOM 491

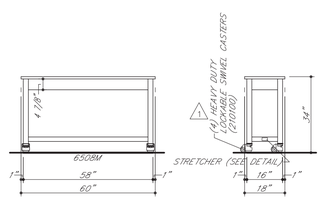


1" GRAPHITE EPOXY RESIN TOP ASS'Y
(4) FOUR REQ'D. IN ROOM 489



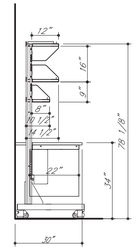
ELEVATION 32 (11/A0618)
QTY. 2 - ROOMS 489 AND 491

END VIEW

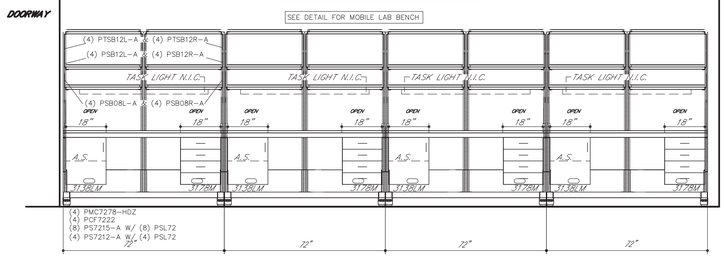


ELEVATION 33 (11/A0618)
QTY. 9 - ROOMS 483, 489, AND 491

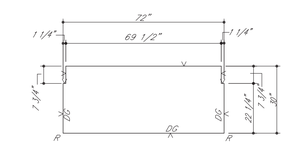
END VIEW



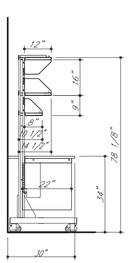
END VIEW



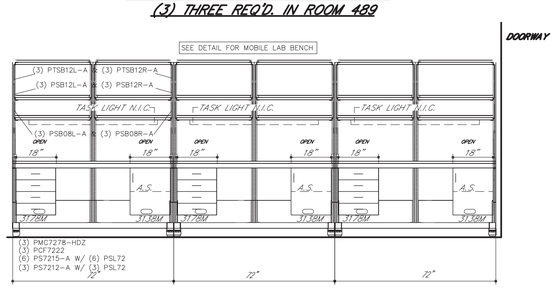
ELEVATION 34 (2/A0618)
QTY. 1 - ROOM 489



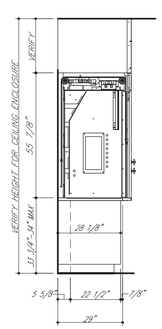
1" GRAPHITE EPOXY RESIN TOP ASS'Y
(3) THREE REQ'D. IN ROOM 489



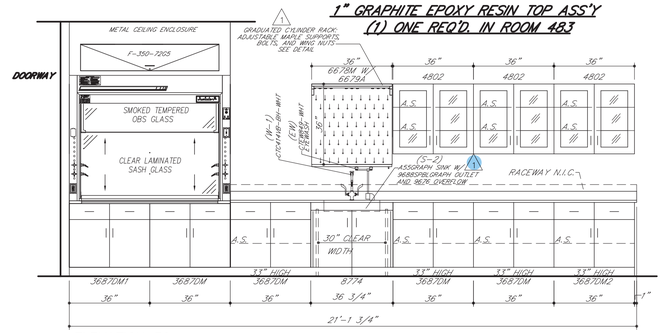
END VIEW



ELEVATION 35 (1/A0618)
QTY. 1 - ROOM 489

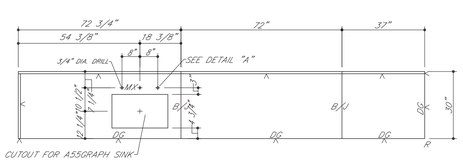


END VIEW

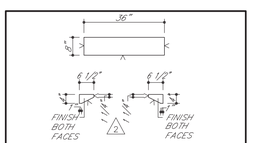


ELEVATION 36 (5/A0618)
QTY. 1 - ROOM 483
EYEWASH PROVIDED WITH AP3600 THERMOSTATIC MIXING VALVE UNIT

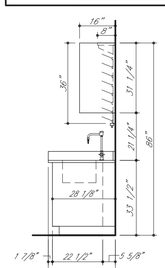
36B70DM1: MOD TO EXT. LEFT END PANEL
36B70DM2: MOD TO EXT. RIGHT END PANEL



1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 483



1" GRAPHITE EPOXY RESIN PEGBOARD SHELF ASS'Y
(1) ONE REQ'D.



END VIEW

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SYM	DATE	BY	REVISIONS
2	01.04.17	MAH	REVISE/RESUBMIT
1	12.22.16	MAH	REVISE/RESUBMIT

GENERAL NOTES FOR TOP LAYOUTS

1. ALL SINK CUTOUTS FOR UNDERCOUNTER SINKS TO BE FINISHED INSIDE.
2. ALL SINK CORNERS TO HAVE 1-1/2" RADIUS.
3. ALL NUMBERED CURBS TO BE SHIPPED LOOSE.
4. ALL SINK CORNERS FOR "JUST" STAINLESS STEEL SINKS CAN BE CUT SQUARE OR UP TO 1/2" RADIUS.
5. ALL SINK CORNERS FOR "ELKAY" STAINLESS STEEL SINKS TO BE 1-1/2" RADIUS.
6. ALL CURBS TO BE 4" HIGH, UNLESS NOTED OTHERWISE.

TOP LAYOUT LEGEND

V – FINISH SURFACE AND RELIEVE EDGES
R – RELIEVE CORNERS
G – 7/8" DRILL FOR GAS COCK
G2 – 3/4" DRILL FOR GAS COCK PANEL MOUNTED
A – 7/8" DRILL FOR AIR COCK
A2 – 3/4" DRILL FOR AIR COCK PANEL MOUNTED
V – 7/8" DRILL FOR VACUUM COCK
V2 – 3/4" DRILL FOR VACUUM COCK PANEL MOUNTED
E – 1-1/8" DRILL FOR PEDESTAL ELECTRIC
○ – MARK EACH PIECE AS SHOWN
DG – DRIP GROOVE ON BOTTOM SIDE
CW – 3/4" DRILL FOR COLD WATER FAUCET
CW2 – 7/8" DRILL FOR COLD WATER FAUCET
HW – 3/4" DRILL FOR HOT WATER FAUCET
HW2 – 7/8" DRILL FOR HOT WATER FAUCET
DW – 7/8" DRILL FOR DISTILLED WATER FAUCET
CX – SEE CX DETAIL
MX – 1-1/4" DRILL FOR HOT AND COLD WATER MIXING FAUCET
RS – 1-1/8" DRILL FOR ROD SOCKET
FP – SEE FLUSH PLATE DETAIL
HX – SEE HX DETAIL
VX – SEE VX DETAIL
SE – 2-3/8" X 3-5/8" CUTOUT FOR SINGLE ELECTRIC
DE – 3-5/8" X 4-3/8" CUTOUT FOR DOUBLE ELECTRIC
DI – 7/8" DRILL FOR DEIONIZED WATER FIXTURE
B/J – BUTT JOINT
C.T.F. – CUT TO FIT AT JOBSITE
IF VANDAL RESISTANT FIXTURES/FAUCETS ARE PROVIDED, REFERENCE DETAILS.

GENERAL NOTES FOR ROUGH-IN

1. SHADED AREA WITHIN EACH UNIT INDICATES THE AVAILABLE PLUMBING SPACE. ALL SERVICES MUST BE LOCATED WITHIN THIS AREA.
2. SEE ARCHITECT'S PLAN FOR SIZE AND TYPE OF ALL PIPE, WIRE, AND CONDUIT, AND FOR ANY VENTS OR REVENTS REQUIRED.
3. ALL WASTES ARE 1-1/2" UNLESS NOTED OTHERWISE.
4. ONLY ITEMS TO BE SUPPLIED BY *ICI* ARE ROUGHED-IN.

IF TRAPS ARE TO BE FURNISHED BY *ICI*

1. IF SERVICES STUB-OUT THROUGH WALL, WASTE SHOULD BE LOCATED DIRECTLY BEHIND THE SINK OUTLET. MINIMUM AND MAXIMUM HEIGHT OF WASTE STUB-OUT TO BE AS INDICATED AT EACH UNIT. HEIGHT OF ALL OTHER SERVICES TO BE APPROXIMATELY 16" ABOVE FINISHED FLOOR. ALL OTHER SERVICES SHOULD STUB-OUT APPROXIMATELY 3" APART. ALL SERVICES MUST STUB-OUT WITHIN THE AVAILABLE PLUMBING SPACE.
2. IF SERVICES STUB-UP THROUGH FLOOR, WASTE SHOULD BE LOCATED 6" FROM SINK OUTLET. ALL OTHER SERVICES SHOULD STUB-UP APPROXIMATELY 3" APART. HEIGHT OF ALL SERVICES TO BE 6" ABOVE FINISHED FLOOR. ALL SERVICES MUST STUB-UP WITHIN THE AVAILABLE PLUMBING SPACE.
3. NOTE TYPE OF TRAP ("P" OR "S") LISTED ON SHOP DRAWING ELEVATIONS OR SHOP DRAWING BROCHURE FOR EACH SINK UNIT. UPON APPROVAL OF THESE DRAWINGS, EACH TYPE SPECIFIED WILL BE ASSUMED CORRECT UNLESS SPECIFICALLY NOTED OTHERWISE.

IF TRAPS ARE TO BE FURNISHED BY OTHERS

1. IF SERVICES STUB-OUT THROUGH WALL, LOCATION AND HEIGHT OF WASTE TO BE DETERMINED BY TRAP SUPPLIER. ALL OTHER SERVICES SHOULD STUB-OUT APPROXIMATELY 16" ABOVE FINISHED FLOOR. ALL SERVICES MUST STUB-OUT WITHIN THE AVAILABLE PLUMBING SPACE.
2. IF SERVICES STUB-UP THROUGH FLOOR, LOCATION OF WASTE TO BE DETERMINED BY TRAP SUPPLIER. ALL SERVICES SHOULD STUB-UP 6" ABOVE FINISHED FLOOR. ALL SERVICES MUST STUB-UP WITHIN THE AVAILABLE PLUMBING SPACE.
3. DIMENSION FOLLOWING DESIGNATION OF SINK OUTLET INDICATES HEIGHT FROM FINISHED FLOOR TO BOTTOM OF SINK OUTLET OR TAILPIECE. REFER TO SHOP DRAWING ELEVATIONS OR SHOP DRAWING BROCHURE TO VERIFY WHICH IS APPLICABLE.

ROUGH-IN LEGEND

W – WASTE
CW – COLD WATER
HW – HOT WATER
DW – DISTILLED WATER
DI – DEIONIZED WATER
G – GAS
A – AIR
V – VACUUM
S – STEAM
E – 115 V.A.C. ELECTRIC
E1 – 220 V.A.C. ELECTRIC
S.O. – (⊕) SINK OUTLET
P.C. – PIPE CHASE

ELEVATION LEGEND

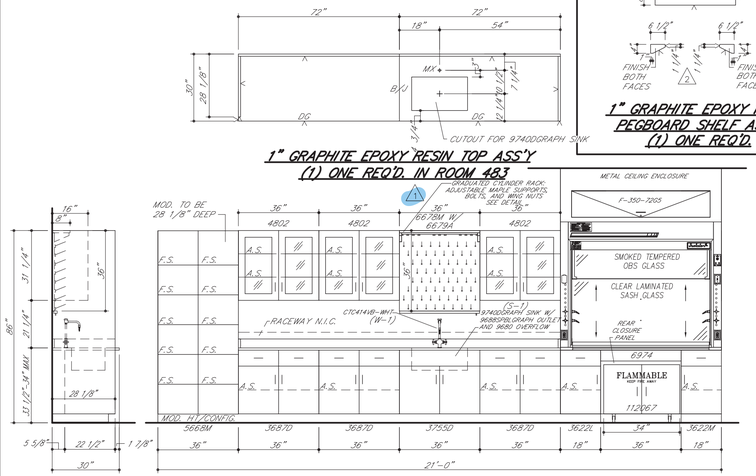
A.S. – ADJUSTABLE SHELF
LTH – 3 PT. LATCHING HANDLE
LKH – 3 PT. LOCKING HANDLE
RMS – REVOLVING METAL SHELF
P.S. – PULL OUT SHELF
• – MASTERKEYED LOCK
F.S. – FIXED SHELF
R/C/P – REAR CLOSURE PANEL
F/C/P – FRONT CLOSURE PANEL
F – FILLER

ROUGHING-IN DRAWINGS ARE OF AN ADVISORY NATURE, TO BE USED AS A GUIDE BY THE MECHANICAL CONTRACTOR TO EFFECT ROUGHING-IN THAT WILL BE WITHIN THE SHADED AREA (REFERRED TO AS PLUMBING SPACE) OF THE CABINET TO ALLOW FOR ACCESS TO SHUT-OFFS, TRAPS, SERVICE LINES AND ELECTRIC JUNCTION BOXES. THESE ROUGH-IN DRAWINGS SHALL NOT BE CONSIDERED AS AN AUTHORITY TO MAKE ANY CHANGES IN MECHANICAL OR ELECTRICAL CONTRACTS OR SUB-CONTRACTS ALREADY HELD BY THOSE DOING WORK FOR THE OWNER. FURTHERMORE, ANY VARIATIONS FROM THE ROUGH-IN SHOWN MADE NECESSARY BY BEAMS OR OTHER BUILDING CONDITIONS SHALL IN NO WAY BE CONSIDERED A LIABILITY RESULTING FROM THE PREPARATION AND SUBMISSION OF THESE DRAWINGS.

INSTITUTIONAL CASEWORK INC.
1865 North Market Street
Paris, TN 38242
(731) 642-4251

EQUIP. ELEVATIONS & TOP L.O.
WEBSTER UNIVERSITY
WEBSTER GROVES, MO

DIST.	CARROLL SEATING	JOB NO.	044370
DRN. BY	C. MARTIN	CKD. BY	
DATE	09/30/16	DWG. NO.	044370E5
SCALE	3/8" = 1'-0"	SHEET	7 OF 8

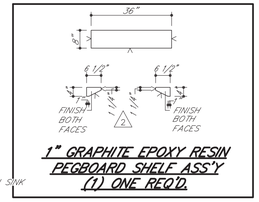


END VIEW

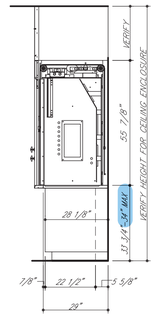
ELEVATION 37 (4/A0618)
QTY. 1 – ROOM 483

3622M: MOD TO EXT. RIGHT END PANEL

1" GRAPHITE EPOXY RESIN TOP ASS'Y
(1) ONE REQ'D. IN ROOM 483

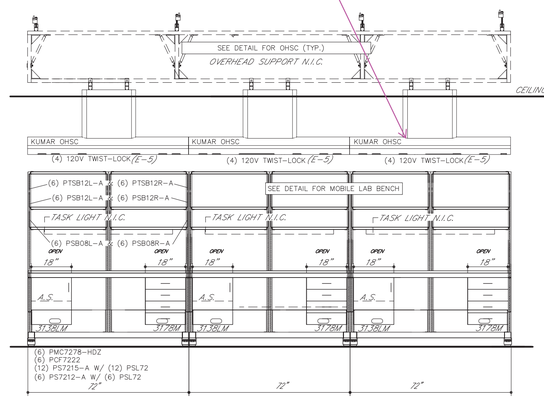


1" GRAPHITE EPOXY RESIN PEGBOARD SHELF ASS'Y
(1) ONE REQ'D.

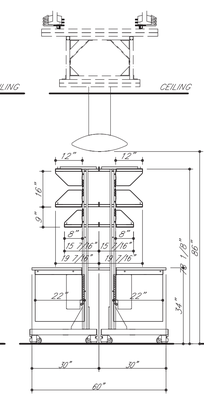


END VIEW

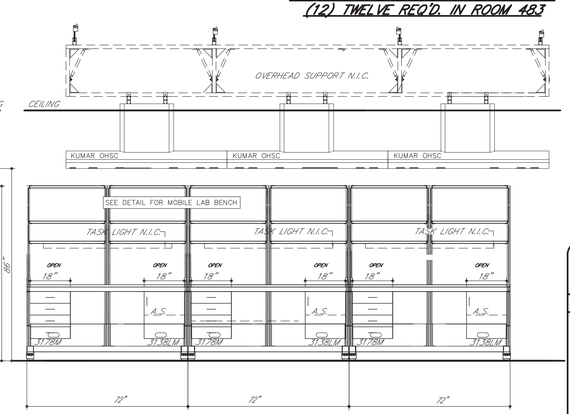
PROVIDE FIXTURES ON OVERHEAD SERVICE CARRIER PER DIMENSIONS ON A02xx DRAWINGS. TYPICAL FOR ALL OVERHEAD SERVICE CARRIERS IN THE PROJECT.



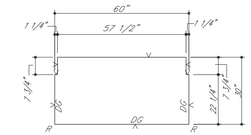
ELEVATION 38 (6/A0618)
QTY. 2 – ROOM 483



END VIEW



ELEVATION 39 (6/A0618)
QTY. 2 – ROOM 483



1" GRAPHITE EPOXY RESIN TOP ASS'Y
(12) TWELVE REQ'D. IN ROOM 483

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SYM	DATE	BY	REVISIONS
2	01.04.17	MAH	REVISE/RESUBMIT
1	12.22.16	MAH	REVISE/RESUBMIT

GENERAL NOTES FOR TOP LAYOUTS

1. ALL SINK CUTOUTS FOR UNDERCOUNTER SINKS TO BE FINISHED INSIDE.
2. ALL SINK CORNERS TO HAVE 1–1/2" RADIUS.
3. ALL NUMBERED CURBS TO BE SHIPPED LOOSE.
4. ALL SINK CORNERS FOR "JUST" STAINLESS STEEL SINKS CAN BE CUT SQUARE OR UP TO 1/2" RADIUS.
5. ALL SINK CORNERS FOR "ELKAY" STAINLESS STEEL SINKS TO BE 1–1/2" RADIUS.
6. ALL CURBS TO BE 4" HIGH, UNLESS NOTED OTHERWISE.

TOP LAYOUT LEGEND

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R – RELIEVE CORNERS
G – 7/8" DRILL FOR GAS COCK
G2 – 3/4" DRILL FOR GAS COCK PANEL MOUNTED
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○ – MARK EACH PIECE AS SHOWN
DG – DRIP GROOVE ON BOTTOM SIDE
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DW – 7/8" DRILL FOR DISTILLED WATER FAUCET
CX – SEE CX DETAIL
MX – 1–1/4" DRILL FOR HOT AND COLD WATER MIXING FAUCET
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FP – SEE FLUSH PLATE DETAIL
HX – SEE HX DETAIL
VX – SEE VX DETAIL
SE – 2–3/8" X 3–5/8" CUTOUT FOR SINGLE ELECTRIC
DE – 3–5/8" X 4–3/8" CUTOUT FOR DOUBLE ELECTRIC
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B/J – BUTT JOINT
C.T.F. – CUT TO FIT AT JOBSITE
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GENERAL NOTES FOR ROUGH–IN

1. SHADED AREA WITHIN EACH UNIT INDICATES THE AVAILABLE PLUMBING SPACE. ALL SERVICES MUST BE LOCATED WITHIN THIS AREA.
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2. IF SERVICES STUB–UP THROUGH FLOOR, WASTE SHOULD BE LOCATED 6" FROM SINK OUTLET. ALL OTHER SERVICES SHOULD STUB–UP APPROXIMATELY 3" APART. HEIGHT OF ALL SERVICES TO BE 6" ABOVE FINISHED FLOOR. ALL SERVICES MUST STUB–UP WITHIN THE AVAILABLE PLUMBING SPACE.
3. NOTE TYPE OF TRAP ("P" OR "S") LISTED ON SHOP DRAWING ELEVATIONS OR SHOP DRAWING BROCHURE FOR EACH SINK UNIT. UPON APPROVAL OF THESE DRAWINGS, EACH TYPE SPECIFIED WILL BE ASSUMED CORRECT UNLESS SPECIFICALLY NOTED OTHERWISE.

IF TRAPS ARE TO BE FURNISHED BY OTHERS

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2. IF SERVICES STUB–UP THROUGH FLOOR, LOCATION OF WASTE TO BE DETERMINED BY TRAP SUPPLIER. ALL SERVICES SHOULD STUB–UP 6" ABOVE FINISHED FLOOR. ALL SERVICES MUST STUB–UP WITHIN THE AVAILABLE PLUMBING SPACE.
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ROUGH–IN LEGEND

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HW – HOT WATER
DW – DISTILLED WATER
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G – GAS
A – AIR
V – VACUUM
S – STEAM
E – 115 V.A.C. ELECTRIC
E1 – 220 V.A.C. ELECTRIC
S.O. – (⊕) SINK OUTLET
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LTH – 3 PT. LATCHING HANDLE
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P.S. – PULL OUT SHELF
* – MASTERKEYED LOCK
F.S. – FIXED SHELF
R/C/P – REAR CLOSURE PANEL
F/C/P – FRONT CLOSURE PANEL
F – FILLER

ROUGHING–IN DRAWINGS ARE OF AN ADVISORY NATURE, TO BE USED AS A GUIDE BY THE MECHANICAL CONTRACTOR TO EFFECT ROUGHING–IN THAT WILL BE WITHIN THE SHADED AREA (REFERRED TO AS PLUMBING SPACE) OF THE CABINET TO ALLOW FOR ACCESS TO SHUT–OFFS, TRAPS, SERVICE LINES AND ELECTRIC JUNCTION BOXES. THESE ROUGH–IN DRAWINGS SHALL NOT BE CONSIDERED AS AN AUTHORITY TO MAKE ANY CHANGES IN MECHANICAL OR ELECTRICAL CONTRACTS OR SUB–CONTRACTS ALREADY HELD BY THOSE DOING WORK FOR THE OWNER. FURTHERMORE, ANY VARIATIONS FROM THE ROUGH–IN SHOWN MADE NECESSARY BY BEAMS OR OTHER BUILDING CONDITIONS SHALL IN NO WAY BE CONSIDERED A LIABILITY RESULTING FROM THE PREPARATION AND SUBMISSION OF THESE DRAWINGS.

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1865 North Market Street
Paris, TN 38242
(731) 642-4251

EQUIP. ELEVATIONS & TOP L.O.
WEBSTER UNIVERSITY
WEBSTER GROVES, MO

DIST.	CARROLL SEATING	JOB NO.	04437D
DRN. BY	C. MARTIN	CKD. BY	
DATE	09/30/16	DWG. NO.	04437D05
SCALE	3/8" = 1'-0"	SHEET	8 OF 8