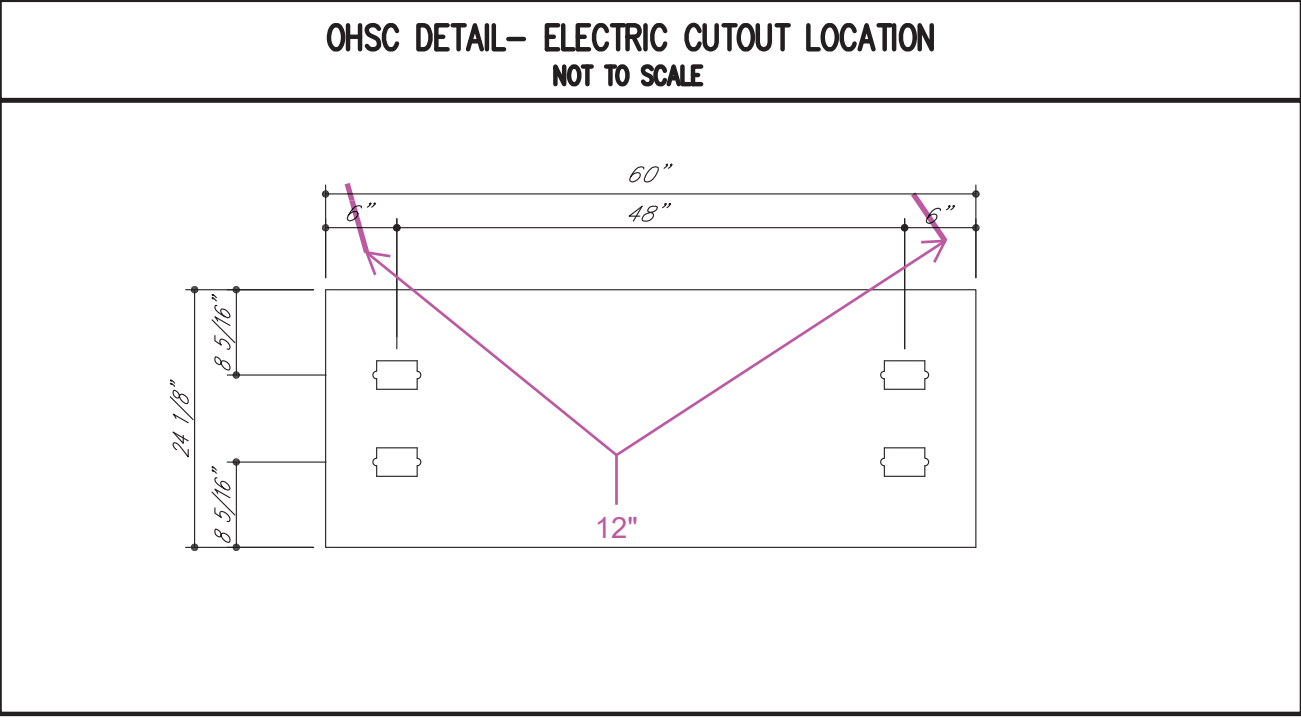
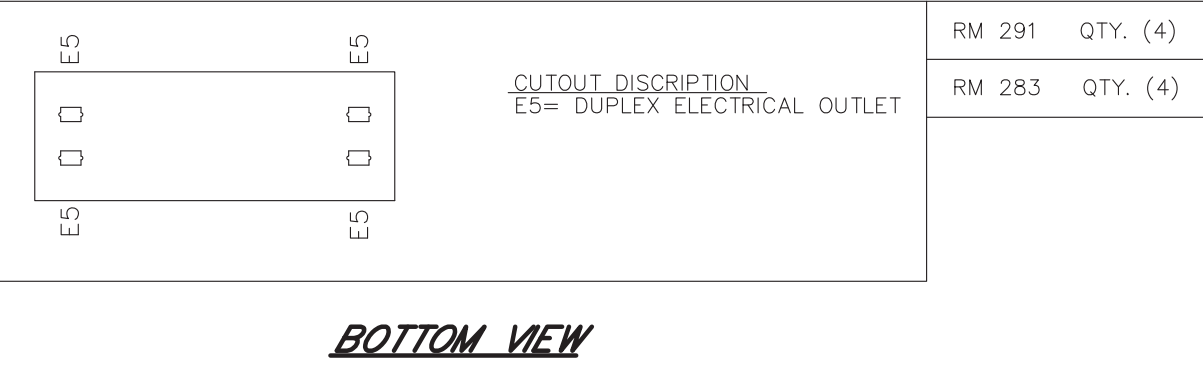
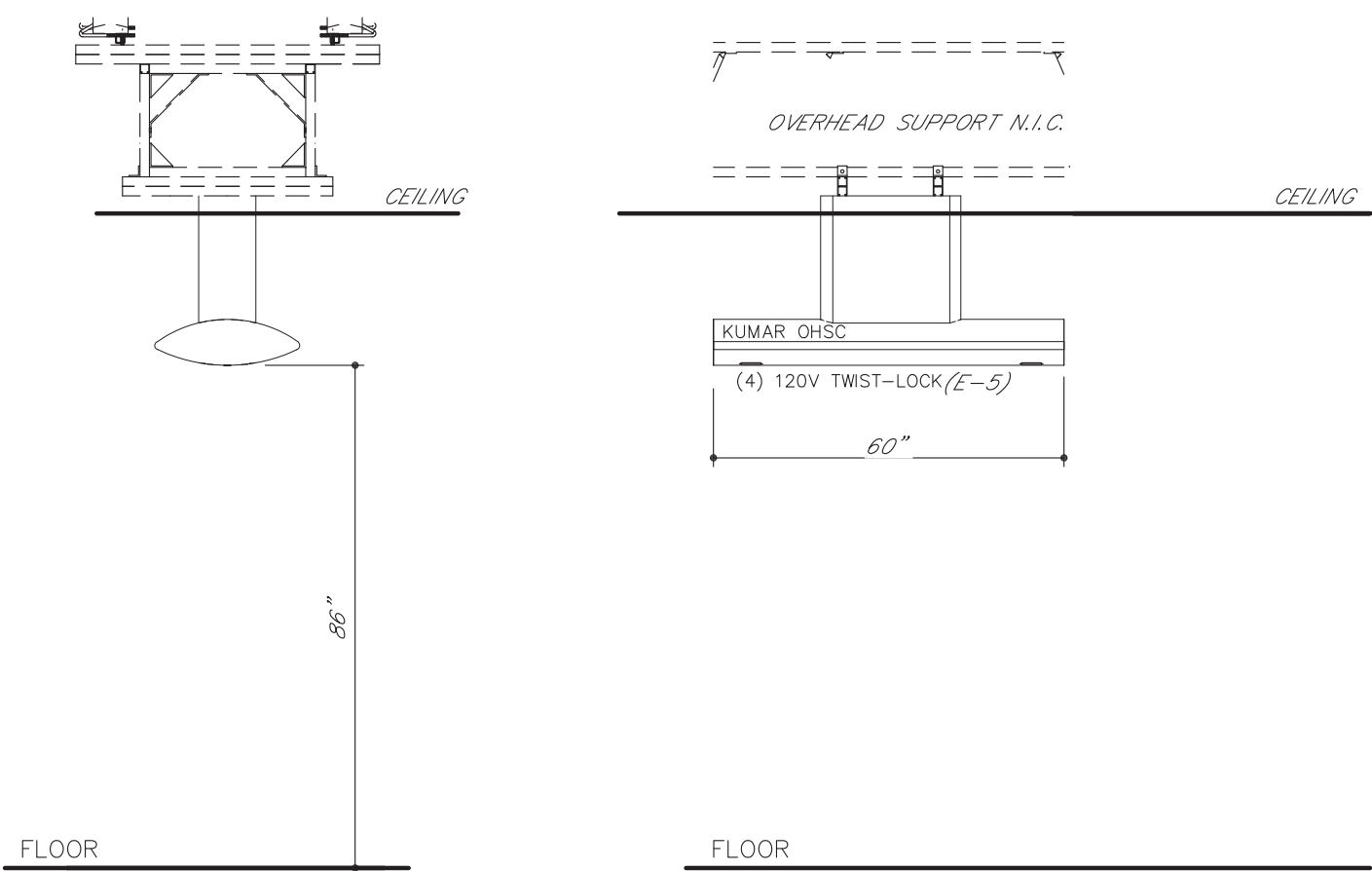


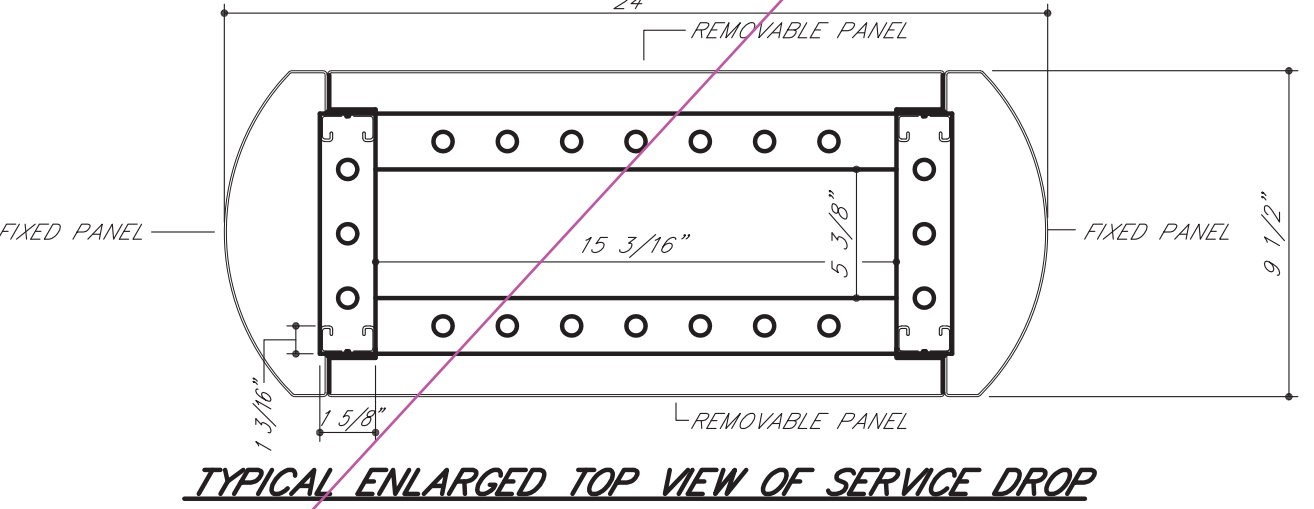
overhead service
carrier

ROOMS 283 & 291 QTY: (8)

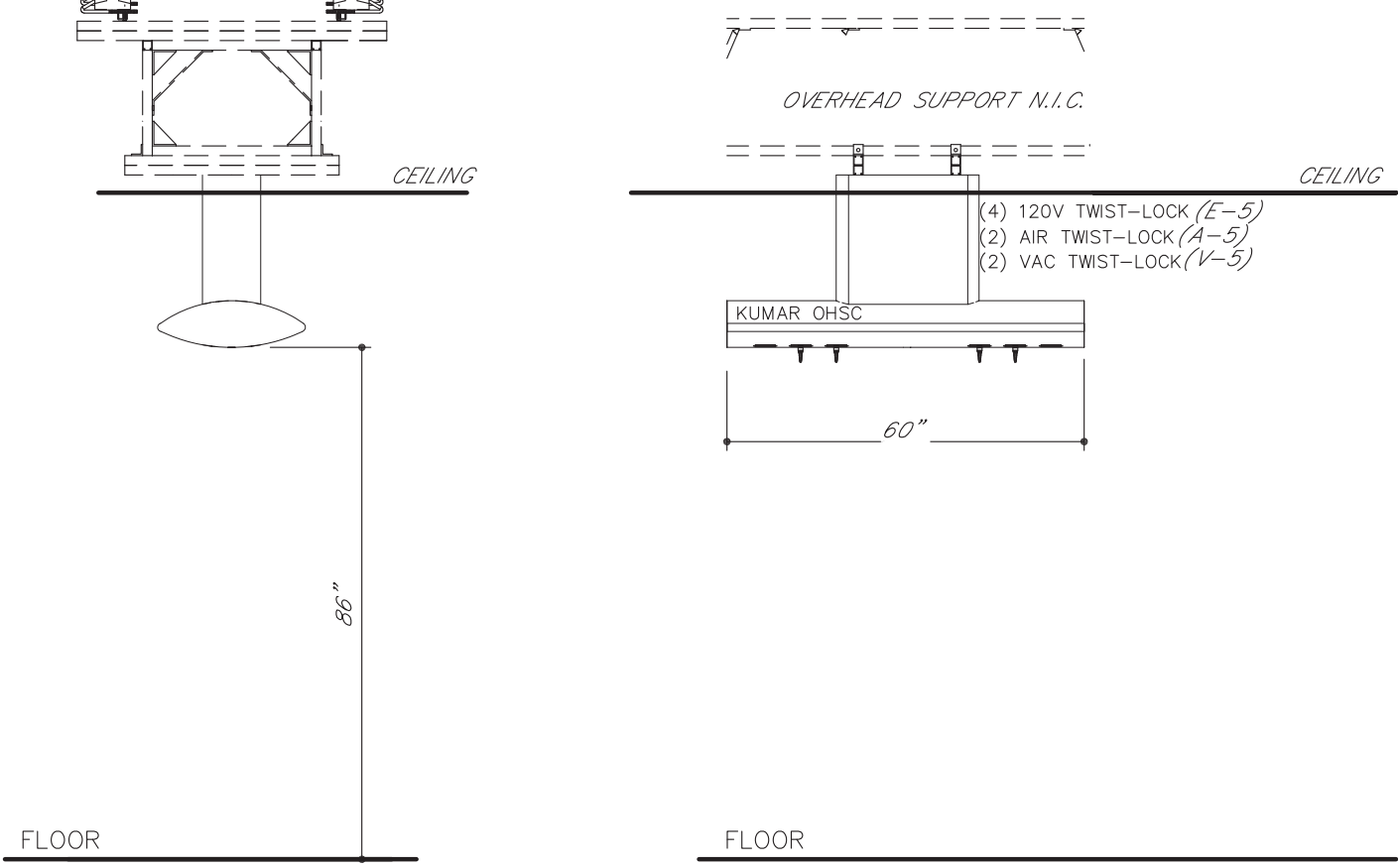


OHSC NOTES

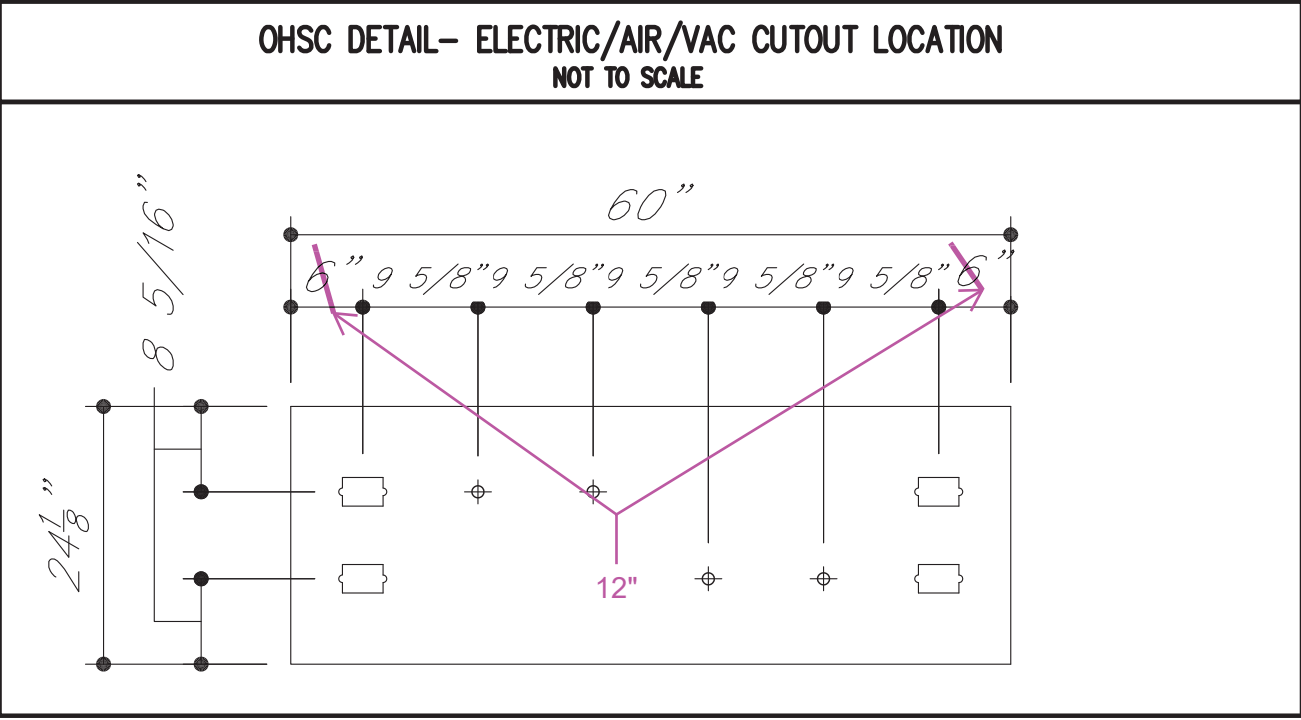
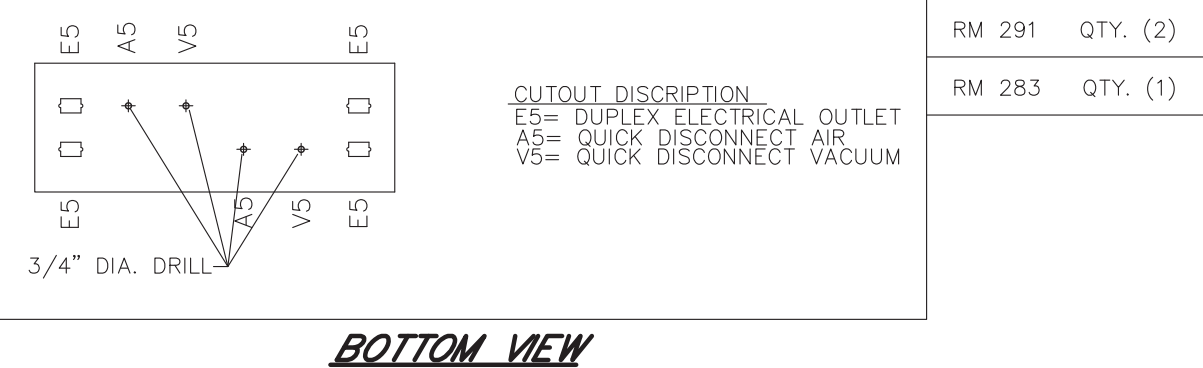
- ASSEMBLY: OHSC WITH "EYE" SHAPED BOTTOM
- 16GA BENT MATERIAL
- FINISH: PAINTED



ROOMS 283 & 291 QTY: (3)



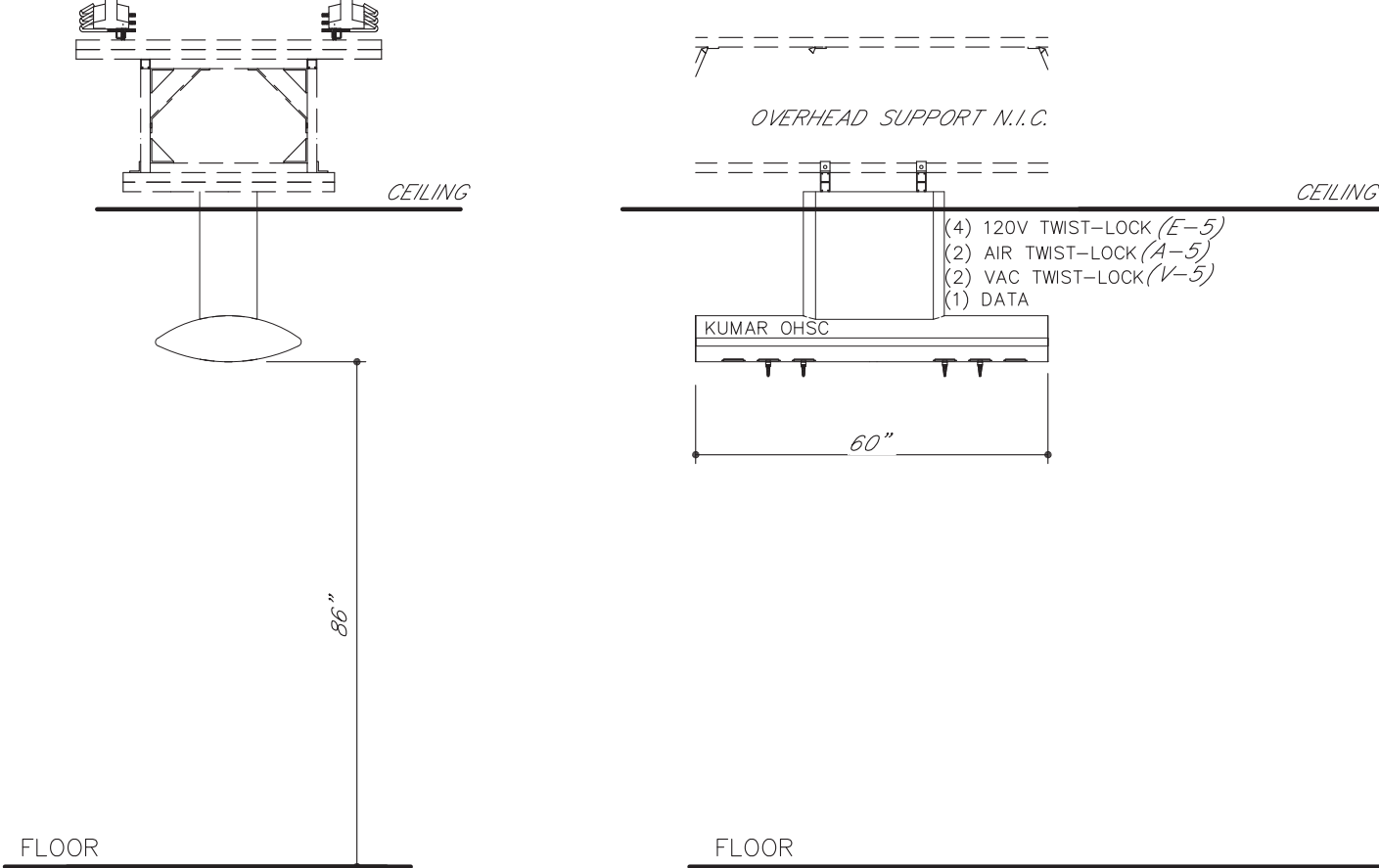
NOTE:
VERIFY
DRILL
LOCATIONS
OF AIR &
VAC.



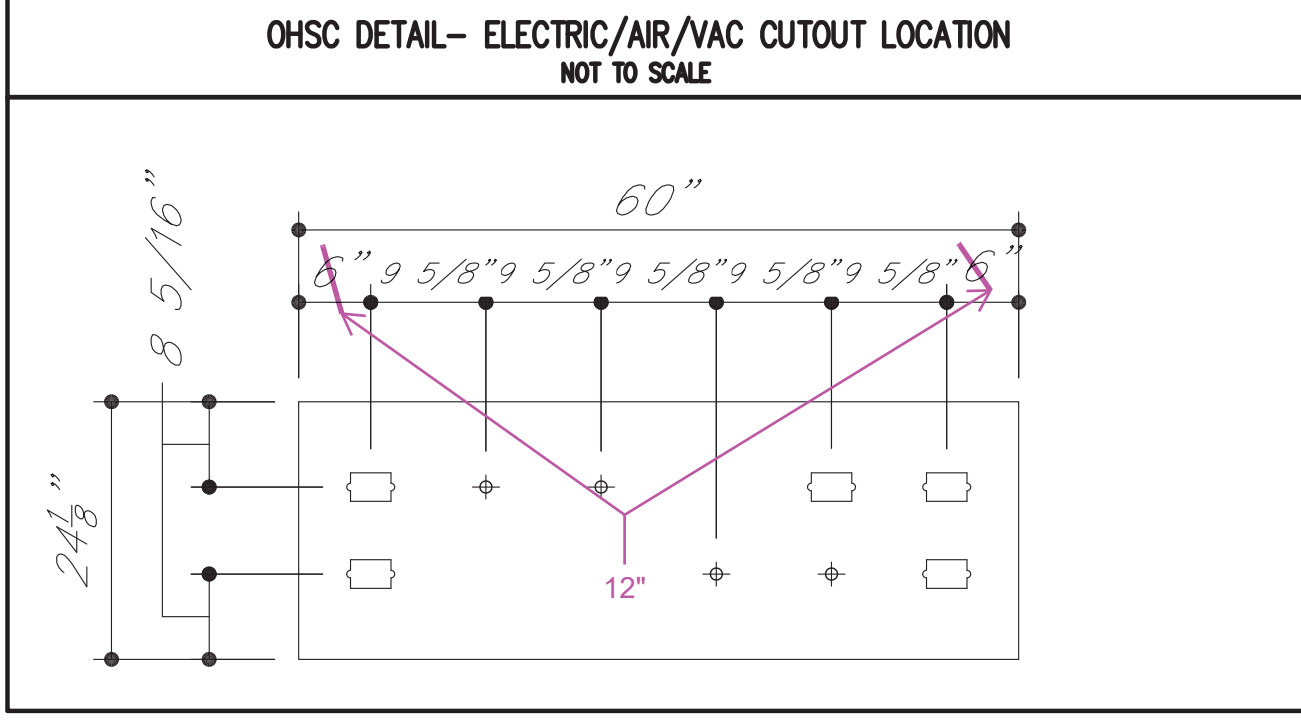
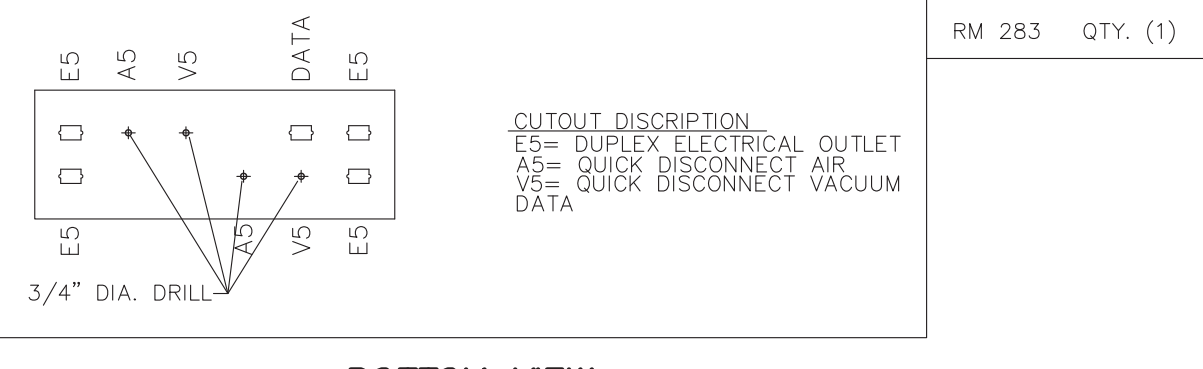
COLOR & FINISH
TO MATCH
MOBILE LAB
BENCHES/CARTS
AND FUMEHOOD.

CALL TO DISCUSS IF THERE ARE
ANY LIMITATIONS TO DESIGN PER
MARKUPS.

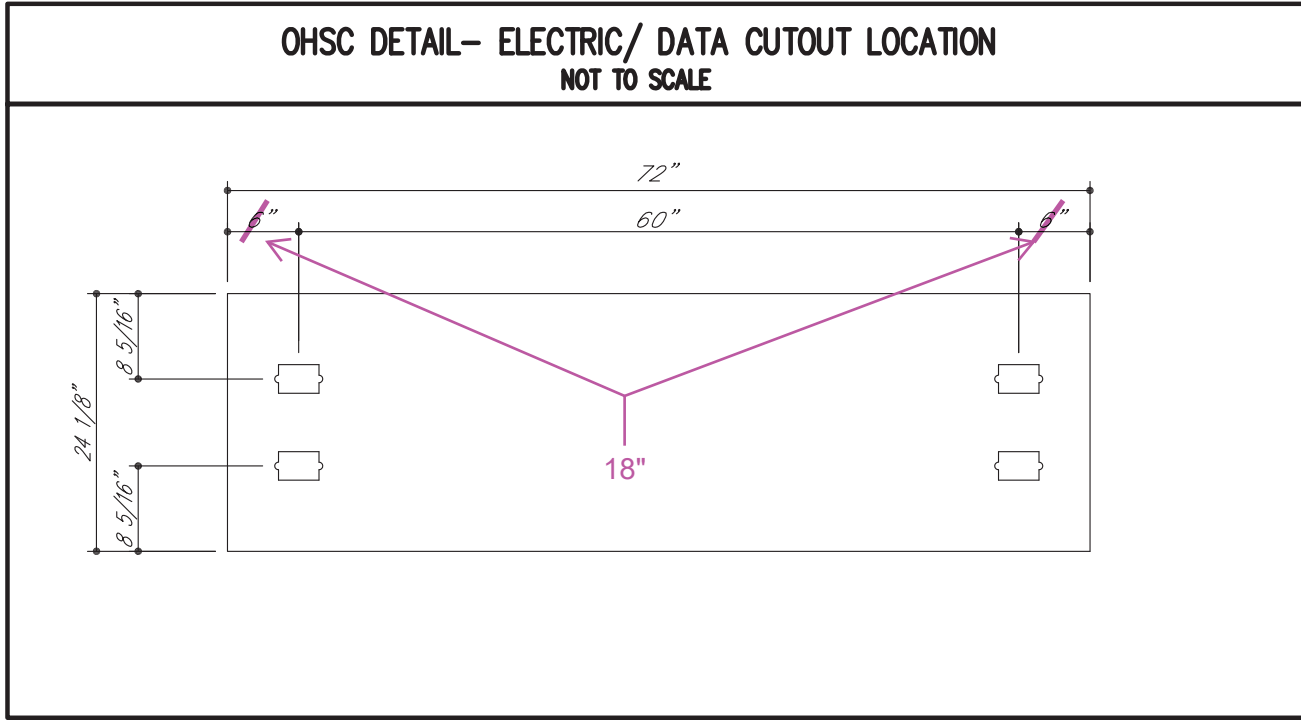
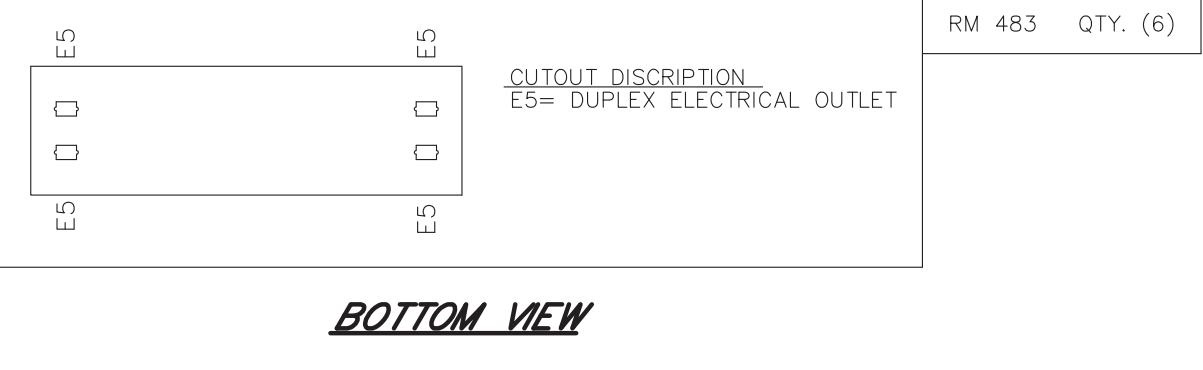
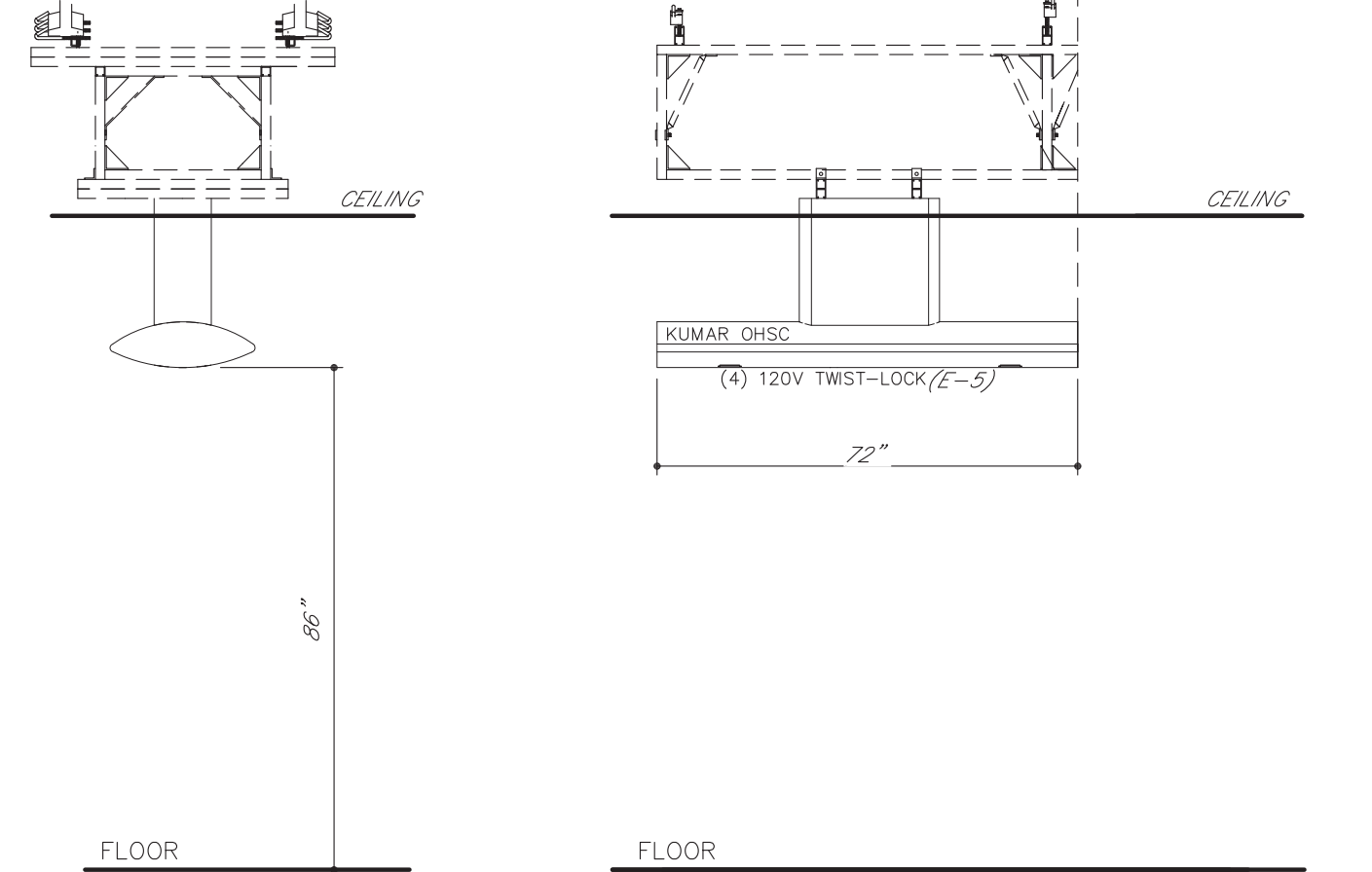
ROOM 283: QTY (1)



NOTE:
VERIFY
DRILL
LOCATIONS
OF AIR, VAC
& DATA



ROOM 483: QTY (6)



- GENERAL NOTES FOR TOP LAYOUTS
- ALL SINK CUTOUPS FOR UNDERCOUNTER SINKS TO BE FINISHED INSIDE.
 - ALL SINK CORNERS TO HAVE 1-1/2" RADIUS.
 - ALL NUMBERED CURBS TO BE SHIPPED LOOSE.
 - ALL SINK CORNERS FOR "JUST" STAINLESS STEEL SINKS CAN BE CUT SQUARE OR UP TO 1/2" RADIUS.
 - ALL SINK CORNERS FOR "LUXURY" STAINLESS STEEL SINKS TO BE 1-1/2" RADIUS.
 - ALL CURBS TO BE 4" HIGH, UNLESS NOTED OTHERWISE.
- V - FINISH SURFACE AND RELIEVE EDGES
R - RELIEVE CORNERS
G - 7/8" DRILL FOR GAS COOK
G2 - 3/4" DRILL FOR GAS COOK PANEL MOUNTED
A - 7/8" DRILL FOR AIR COOK
A2 - 3/4" DRILL FOR AIR COOK PANEL MOUNTED
V - 7/8" DRILL FOR VACUUM COOK
V2 - 3/4" DRILL FOR VACUUM COOK PANEL MOUNTED
E - 1-1/8" DRILL FOR PEDESTAL ELECTRIC
CJ - MARK EACH PIECE AS SHOWN
CG - 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 FP DETAIL
HX - SEE HX DETAIL
VX - SEE VX DETAIL
SE - 2-3/8" X 3-5/8" CUTOUP FOR SINGLE ELECTRIC
DE - 3-5/8" X 4-3/8" CUTOUP 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
- SHADED AREA WITHIN EACH UNIT INDICATES THE AVAILABLE PLUMBING SPACE. ALL SERVICES MUST BE LOCATED WITHIN THIS AREA.
 - SEE ARCHITECT'S PLAN FOR SIZE AND TYPE OF ALL PIPE, WIRE, AND CONDUIT, AND FOR ANY VENTS OR REVEALS REQUIRED.
 - ALL WASTES ARE 1-1/2" UNLESS NOTED OTHERWISE.
 - ONLY ITEMS TO BE SUPPLIED BY Campbell/Reha ARE ROUGHED-IN.

- IF TRAPS ARE TO BE FURNISHED BY Campbell/Reha
- 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.
 - 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.
 - 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

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

ELEVATION LEGEND

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

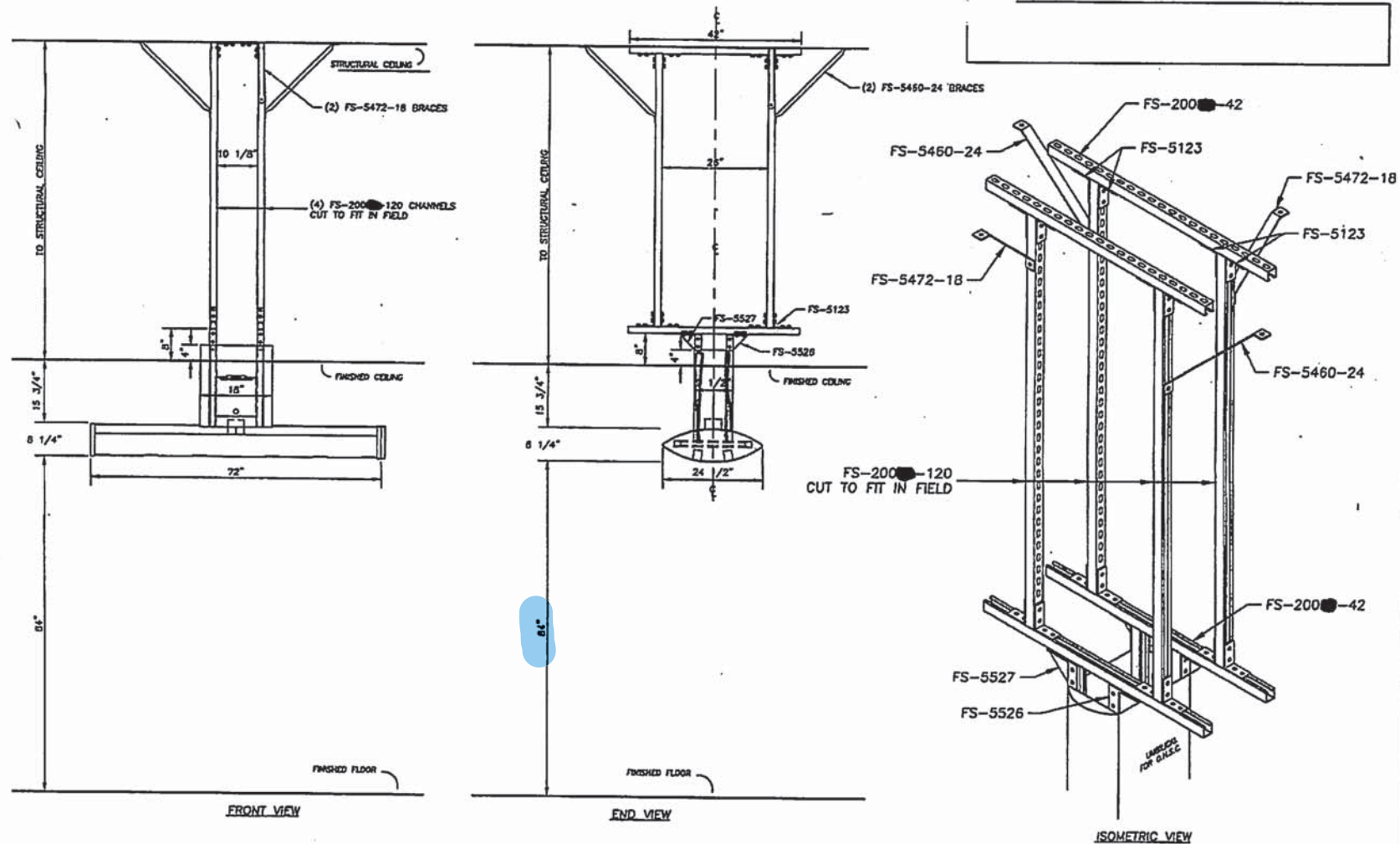
ROUGHING-IN DRAWINGS ARE OF AN ADVISORY NATURE. TO BE USED AS A GUIDE BY THE MECHANICAL CONTRACTOR TO EFFECT ROUGHING-IN THAT WILL BE WITHIN THE SHADED AREA (REFERRED TO AS PLUMBING SPACE) OF THE CABINET TO ALLOW FOR ACCESS TO SHUT-OFFS, TRAPS, SERVICE LINES AND ELECTRIC JUNCTION BOXES. THESE ROUGH-IN DRAWINGS SHALL NOT BE CONSIDERED AS VOUCHERS 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
FAX (731) 642-4262

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

DIST. CARROLL SEATING	JOB NO. 04437
DRN. BY MAH	CKD. BY SB
DATE 01.17	DWG. NO. 04437OHSC
SCALE 3/8" = 1'-0"	SHEET 1 OF 1

OHSC support strut



DETAILS FOR OHSC-SUPPORT STRUT ASSEMBLY

REVISION	DATE	DESCRIPTION
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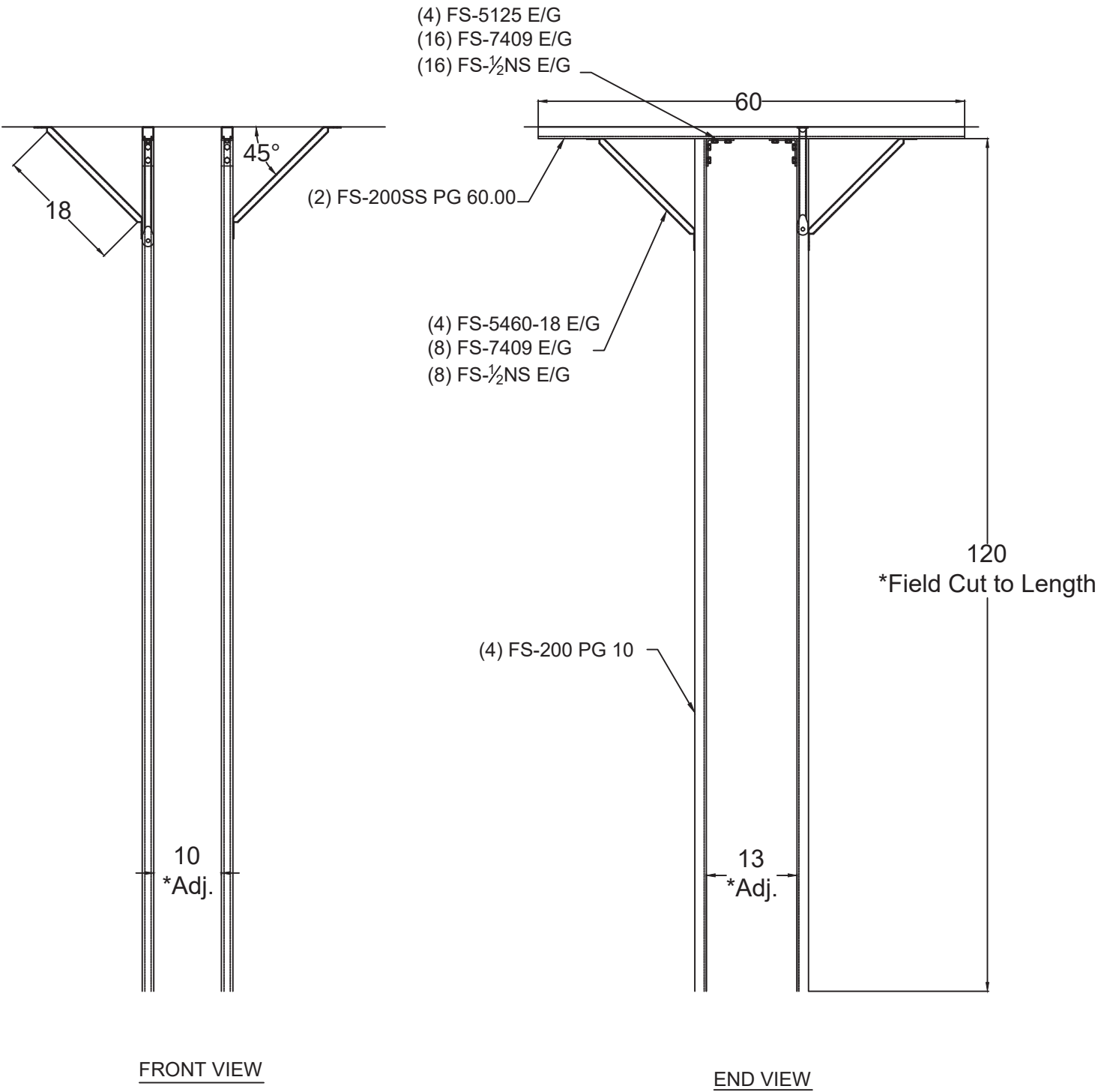
THIS DRAWING IS THE PROPERTY OF
OHSC-SUP

ITEM NO.
OHSC-SUPPORT

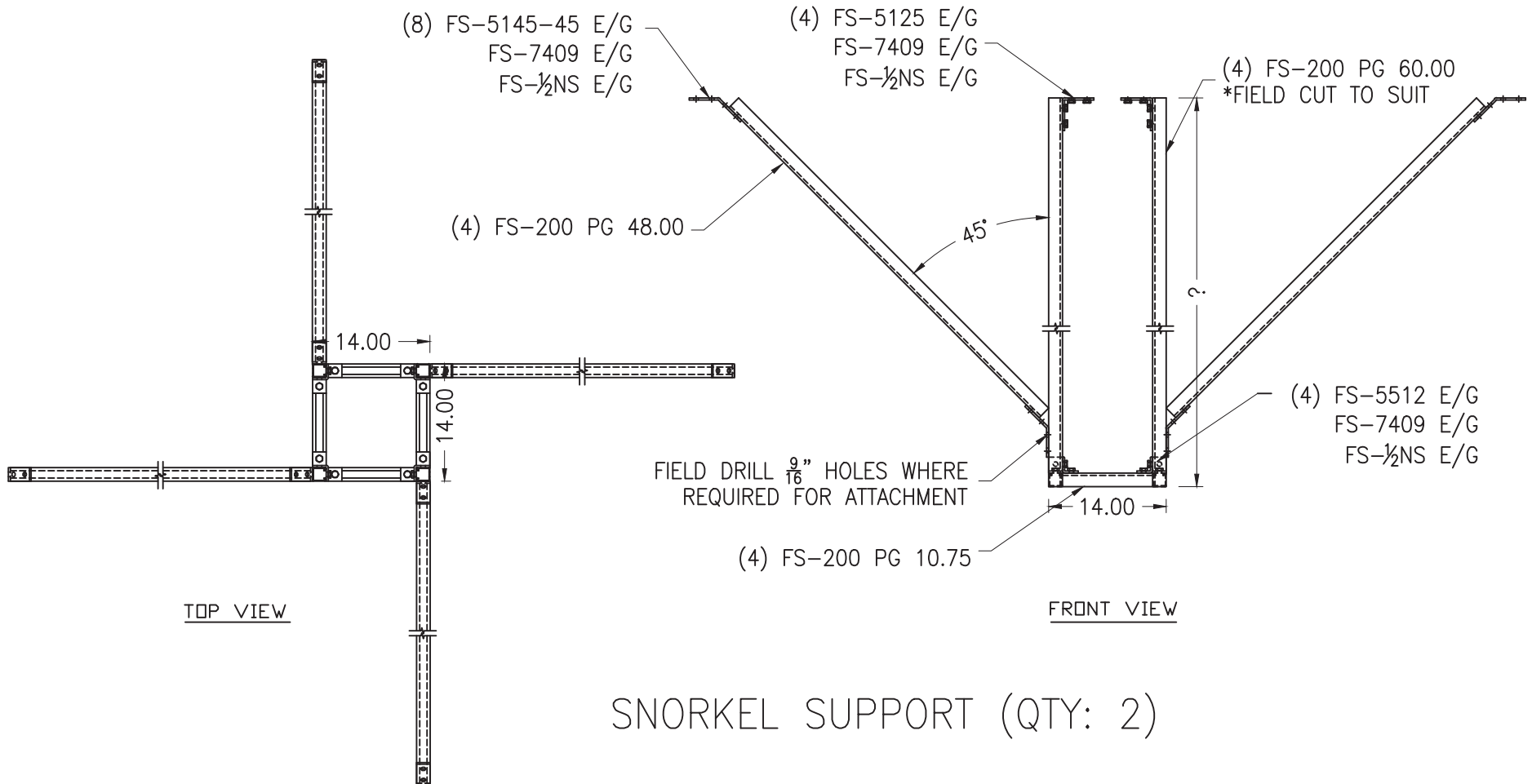
OHSC-SUP

MANUFACTURER RESPONSIBLE FOR
ENGINEERING THE STEEL SUPPORTS
FOR OVERHEAD SERVICE CARRIER.

OHSC support strut



OHSC support strut



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	
123553-001 REV 2	
CONTRACTOR / CM SUBMITTAL NO.	CANNON DESIGN SUBMITTAL NO.
	123553
DRAWING / DETAIL REFERENCE	SPECIFICATION SECTION / PARAGRAPH
MANUFACTURER / SUPPLIER	ITEM / PRODUCT ID
REQUIRED DATE	PRIORITY
	CRITICAL

ITEM BEING SUBMITTED (check only one)

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

ITEM BEING SUBMITTED FOR (check only one)

- ☒ Action ☐ Information Only ☐ Record

REMARKS OR DEVIATIONS

Samples currently being produced, engineering judgement to confirm seismic requirements being calculated.

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



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

To be completed by Reviewer

12 3553-001 REV003
CANNON DESIGN SUBMITTAL NUMBER
2/1/17
RECEIVED DATE

- ☐ 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

RE-SUBMIT AS SEPARATE SUBMITTAL ONLY THE NON-APPROVED ITEMS.

SEE MARKUPS AND GENERAL COMMENTS ON NEXT PAGE.

APPROVAL OF MOBILE LABORATORY CASEWORK SYSTEM CONTINGENT ON APPROVED MANUFACTURER PER SPECIFICATIONS. PROVIDE SEPARATE SUBMITTAL CONFIRMING MANUFACTURER.

DEVIN D GATES	1/31/17
REVIEWED BY	DATE

Kelvin Patel	2/14/17
REVIEWED BY	DATE

Digitally signed by Kelvin Patel
DN: cn=US, e=kpatel@cannondesign.com, o=Cannon Design,
ou=Architect, cn=Kelvin Patel
Date: 2017.02.14 21:02:29-06'00'

GENERAL COMMENTS:

-ALL LAB CASEWORK TO MEET PERFORMANCE REQUIREMENT INFORMATION PER SPECIFICATION (SPEC.) 123553,1.3,A.

-TABLES TO MEET UL REQUIREMENT PER SPECIFICATION 123553,1.3,D.

-EW, DH & PRE-RINSE FIXTURE APPROVAL ON HOLD.

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

-PRODUCT DATA FOR MOBILE LAB CASEWORK SYSTEM WHICH WAS PRESENT IN PREVIOUS SUBMITTAL WAS DELETED IN THIS RE-SUBMITTAL. THE MOBILE LABORATORY CASEWORK SYSTEM IS APPROVED PROVIDED IT IS ONE OF THE APPROVED MANUFACTURER PER SPECIFICATIONS, JAMESTOWN METAL PRODUCTS PER PREVIOUS SUBMITTAL. PROVIDE WRITTEN CONFIRMATION TO DOCUMENT THE MANUFACTURER & PRODUCT MEETS SPECIFICATIONS.

-PROVIDE WHITE COLOR CYLINDER RACKS.

-ALL PRE-WIRED TABLES CONNECTING TO FLOOR BOXES TO HAVE STANDARD ELECTRICAL PLUG.

-COORDINATE ALL ELECTRICAL OUTLETS WITH ELECTRICAL DRAWING & SPECIFICATIONS. TECHNICAL SPECIFICATIONS PER ELECTRICAL DRAWINGS.

PROVIDE SEPARATE SUBMITTAL FOR FOLLOWING:

-PROVIDE LOAD CAPACITY OF TABLES.

-PROVIDE SEPARATE SUBMITTAL OF TEST REPORTS FOR COUNTERTOP PER SPEC. 123553,1.5,C.

-HEAVY DUTY SLIDE PRODUCT DATA FOR GRADE 1HD-100 & 1HD-200 PER SPEC. 123553,2.12,E.

-PROVIDE PRODUCT DATA FOR V-5 AND A-5 (QUICK DISCONNECTS).

-PROVIDE PRODUCT DATA FOR E-5, E-6, D-5, D-6

-PROVIDE PRODUCT DATA FOR PAPER TOWEL DISPENSER.

-PROVIDE PRODUCT DATA FOR OVERHEAD SERVICE CARRIER & MOBILE LABORATORY CASEWORK SYSTEM (IDENTIFY MANUFACTURER).

-PROVIDE PRODUCT DATA FOR EPOXY COUNTERTOPS.

-PROVIDE SAMPLE & INFORMATION RELATED TO SIGNAGE FOR ACID (CORROSIVES) & FLAMMABLE CABINETS - CONSISTENT CLEAN GRAPHICS LETTERING.

-PROVIDE WHITE COLOR CYLINDER RACKS.

-ALL PRE-WIRED TABLES CONNECTING TO FLOOR BOXES TO HAVE STANDARD ELECTRICAL PLUG.



INSTITUTIONAL CASEWORK, INC.
1865 Highway 641 North
Paris, Tennessee 38242-8814
(731) 642-4251

DATE: 1/25/2017
JOB: 04437A, B, C, D
RE: Webster University
Webster Groves, MO

TO: Carroll Seating

ATTENTION: Eddie Scheer/Amanda Kohlbrecher

We are forwarding the following via FTP SITE:

- | | | |
|----------------|--------------------------|-----------------------------------|
| ● For Approval | For Review and Comment | As Requested |
| For Your Use | Returned for Corrections | ● Return <u>1</u> Prints and Sets |

COPIES	DATE	NO.	DESCRIPTION
1	1/25/17	04437ARI -E2 and 04337BRI -E4	Rough-In & Elevation Shop Drawings
1	1/25/17	04437DETAILS1 & 04437DETAILS2	Cabinet Sections
1	1/25/17	04437OHSC	OHSC detail/quantities Sheet
1	1/25/17	Set	Project Data Document

REMARKS:

We cannot schedule this project until we receive one copy indicating:

- ☐ Approval
- ☐ Casework finish
- ☐ Field dimensions

If you have any questions, please feel free to call.

CC:

BY: Mitzi A. Hutter