



**CHABOT – LAS POSITAS  
COMMUNITY COLLEGE DISTRICT**

Facilities Planning & Management Department

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March 17, 2010

**Addendum No. 4  
INVITATION FOR RE-BID NO.: 10-02  
Chabot College Physical Education Complex Addition - Bldg 4100**

All Prospective Bidders:

This Addendum modifies the original Bid Documents and previously issued addenda for the above Bid. Acknowledge receipt of this addendum in the space provided on the BID PROPOSAL FORM. Failure to do so may subject Bidder to disqualification.

The original Bid Documents are modified by the revision as follows:

- A. Work described in this addendum is to be of the same quality as specified in the original documents.**
- B. ADDENDUM DRAWINGS (11 x 17 unless otherwise noted)**
- |               |  |
|---------------|--|
| <b>AD.163</b> | <b>METAL SHAPE AT OUTSIDE CORNER</b>           |
| <b>AD.164</b> | <b>SEALANT AT CONCRETE SILL JOINT</b>          |
| <b>AD.165</b> | <b>POWER &amp; SIGNAL 1<sup>ST</sup> FLOOR</b> |
| <b>AD.166</b> | <b>POWER &amp; SIGNAL 2<sup>ND</sup> FLOOR</b> |
| <b>AD.167</b> | <b>POWER &amp; SIGNAL 1<sup>ST</sup> FLOOR</b> |
| <b>AD.168</b> | <b>FIXTURE SCHEDULE</b>                        |
| <b>AD.169</b> | <b>FIXTURE SCHEDULE</b>                        |
| <b>AD.170</b> | <b>ELECTRICAL DETAILS</b>                      |
- C. PROJECT MANUAL**
1. 01 50 00 TEMPORARY FACILITIES
    - a. 1.02, J, 1 a: Insert "xi. Digital compact camera with a 2.5 inch viewing screen and resolution of 10 mega pixels with 3X optical zoom. Camera to remain the property of the District at the completion of the project." after "Fire extinguisher".
- D. DRAWINGS**
1. A2.1 FLOOR AND SECOND FLOOR PLANS, ENLARGED PLANS

- a. Detail 1: Add one 30 inch wide by 34 inch tall by 12 inch deep lockable base cabinet at inside face, north side of STRENGTH room east entry door. Reference detail 18/A7.4 for installation.
  - b. Detail 2: Add one 30 inch wide by 34 inch tall by 12 inch deep lockable base cabinet at inside face, north side of FITNESS room entry door. Reference detail 18/A7.4 for installation.
2. E1.1.1 ELECTRICAL SITE LIGHTING PLAN
- a. Detail 2: Delete "POLE BASE SHALL BE SQUARE. ROUND BASE MAY BE USED IF UPPER 2'-0" IS FORMED SQUARE" and replace with "POLE BASE SHALL BE ROUND".
3. E2.1 POWER AND SIGNAL PLANS – FIRST AND SECOND FLOOR
- a. Detail 1: Add one duplex power outlet to wall immediately south of the column at the intersection of grid lines QQ and 70. Connect power to nearest circuit.
  - b. Detail 2: Add one duplex power outlet to wall immediately south of the column at the intersection of grid lines QQ and 70. Connect power to nearest circuit.
4. T2.1 FIRST AND SECOND FLOOR DEVICE PLANS
- a. Detail 1, near column at intersection of grids lines QQ and 70: Move data outlet B C4107-35 to south side of the column at the intersection of grid lines QQ and 70.
5. T2.2 FIRST AND SECOND FLOOR REFLECTED CEILING PLANS
- a. Addendum No. 2, Item F18: Insert "100 feet of" after "Add".

**E. BID DOCUMENT INQUIRIES**

1. Section 09650 2.01-B calls for Mondo 3'x3' interlocking tile. Mondo only offers 2'x2' interlocking tile which would not fit into the color patterns on sheet A6.1. In addition Mondo does not offer Sport Impact in an interlocking tile. The specification also calls for the Mondo Ramflex tile to be 3/8" thick (9.5mm), however the Ramflex interlocking tile is only available in 8mm thickness. The specified products are available in non-interlocking regular glue down tiles or roll goods. Please clarify if the specification is to be revised to the glue down, non-interlocking tiles or revised to the correct interlocking products with revised layout.  
*See Addendum No. 2 item D 3.*
2. Details on AD161 do not correspond to the changes made on AD158/159. Per the detail, local or remote switching should be wired back to the control panel and not each individual motor which is depicted on AD158/159.  
*See addendum drawings AD.165-AD.170, included with this addendum.*
3. Changes to sheet E2.1 says to add (9) poke thru floor boxes with locations TBD. Then below on T2.2 it says to add cable tray below these locations. A linear footage is needed in order to price the cable tray. If not one bidder may assume 20 linear ft. is needed another bidder may assume different.  
*See Addendum No. 4 item D 5 above.*
4. There is no manufacturer listed for pre-cast. Is there one that the architect prefers?  
*No preference.*

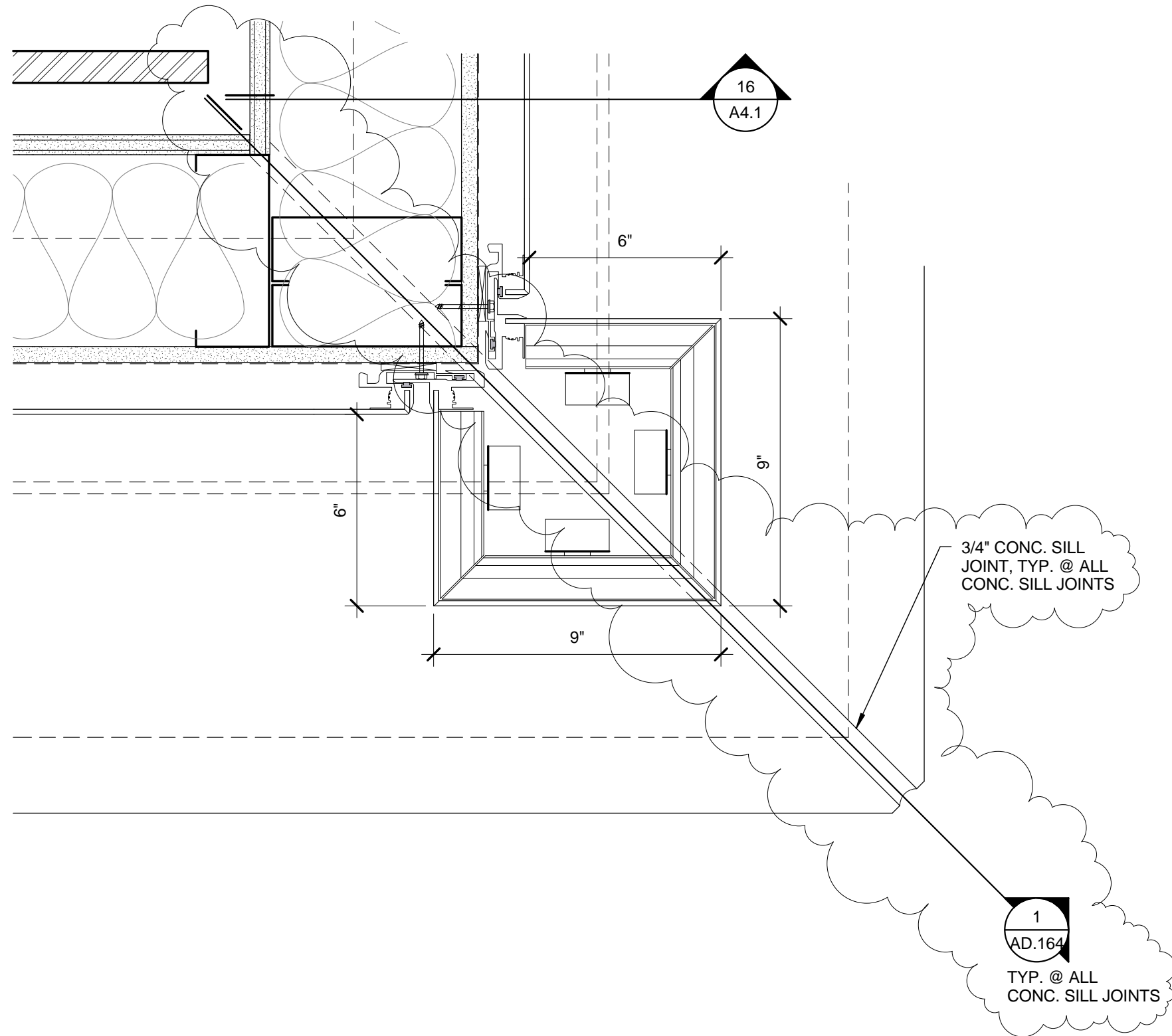
**F. SUBSTITUTION REQUESTS**

1. Section 10 51 13, pg 2, paragraph 2.01: Lyon is an accepted equal to the manufacturer already named in this paragraph.

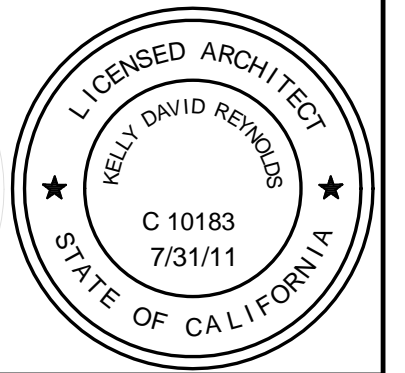
If you have any questions regarding this Addendum No. 2, please contact the Office of the Facilities Planning & Management in writing, via facsimile or email. All other terms and conditions of RE-BID No. 10-02 to remain the same.

Sincerely,  
Ms. Victoria L. Lamica  
Contract Manager  
Facilities Planning & Management

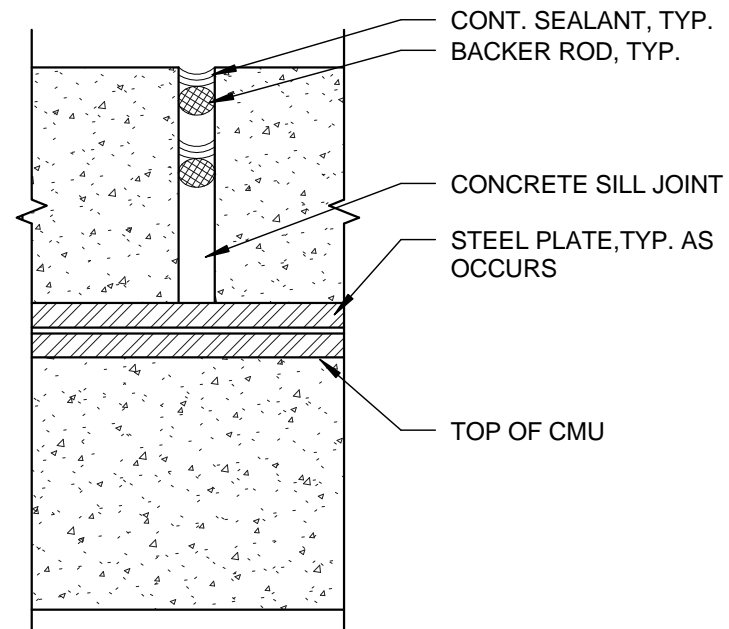
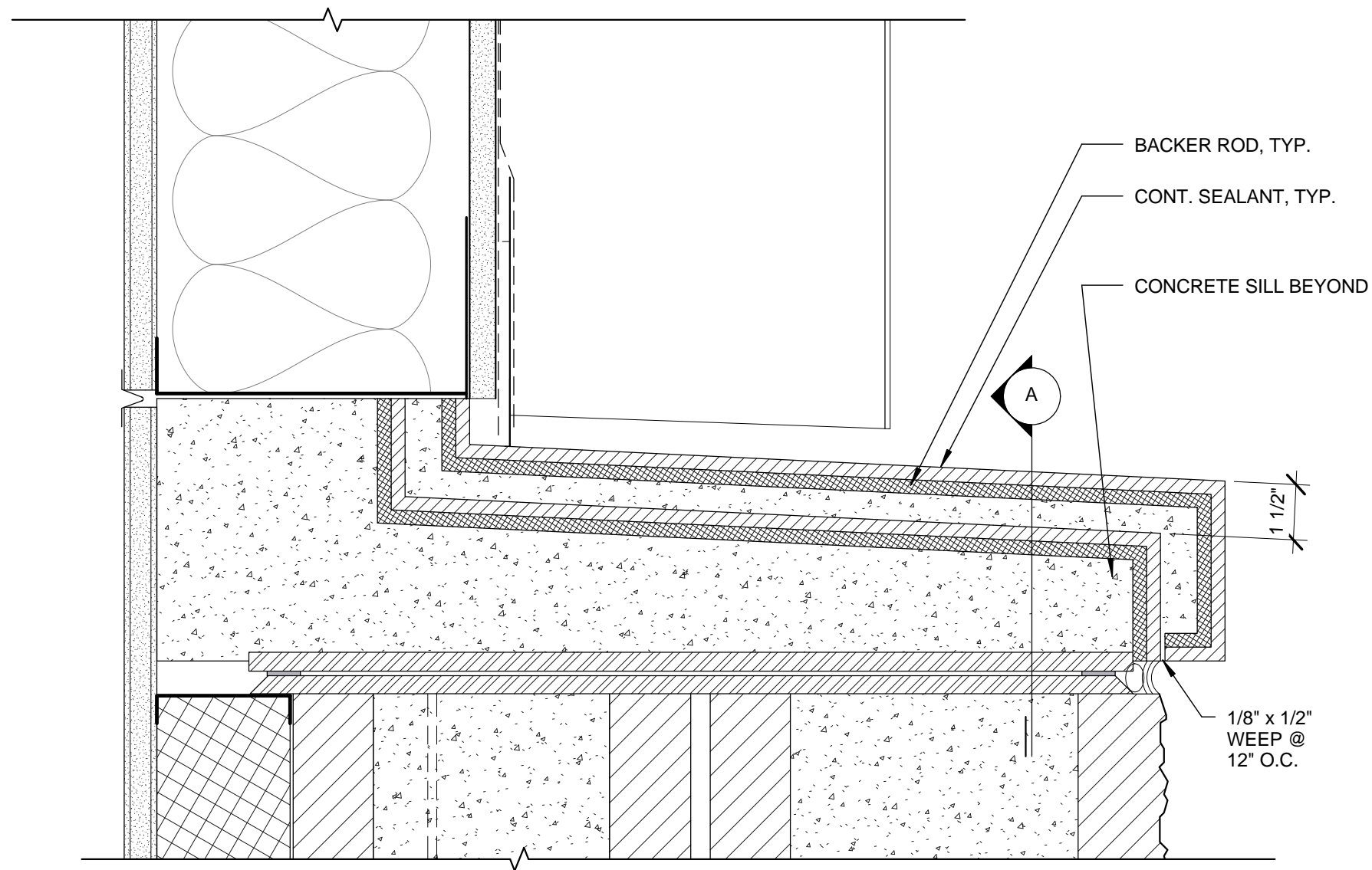
Stafford King Wiese, Architects  
Warren Consulting Engineers, Civil Engineers  
Cole Yee Schubert, Structural Engineers  
Turley & Associates, Mechanical Engineers  
Ken Rubitsky & Associates, Electrical Engineers  
Smith Fause McDonald, Inc., Low Voltage Engineers  
Land Architecture, Inc., Landscape Architect



**5** METAL SHAPE @ OUTSIDE CORNER  
3" = 1'-0"

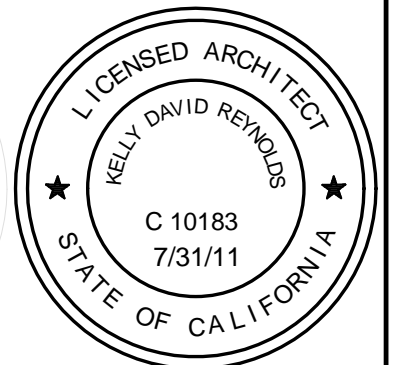


<b>STAFFORD KING WIESE ARCHITECTS</b>	<b>METAL SHAPE AT OUTSIDE CORNER</b> CHABOT COLLEGE PE COMPLEX ADDITION - BUILDING 4100 <small>CHABOT LAS POSITAS COMMUNITY COLLEGE DISTRICT          25555 HESPERIAN BLVD.          HAYWARD, CA 94545</small>	<small>AGENCY APPLICATION #</small> DSA App. # 01-110446
		<small>JOB NO.</small> 2791.20
		<small>DRAWING NO.</small> <b>AD.163</b> (REF. A4.2)
		<small>DATE</small> 03/17/2010
		<small>DRAWN BY</small> JM
		<small>CHECKED</small> RA
		<small>ADDENDUM NO.</small> 4



NOTE:  
 1. SEE DETAILS 15, 16,  
 AND 19 ON SHEET A4.1 FOR  
 TYPICAL EXTERIOR WALL NOTES.

**1** SEALANT AT CONCRETE SILL JOINT  
 3" = 1'-0"



**STAFFORD  
 KING  
 WIESE  
 ARCHITECTS**



**SEALANT AT CONCRETE SILL JOINT**  
**CHABOT COLLEGE PE COMPLEX**  
**ADDITION - BUILDING 4100**

CHABOT LAS POSITAS COMMUNITY COLLEGE DISTRICT  
 25555 HESPERIAN BLVD.  
 HAYWARD, CA 94545

AGENCY APPLICATION #  
 DSA App. # 01-110446

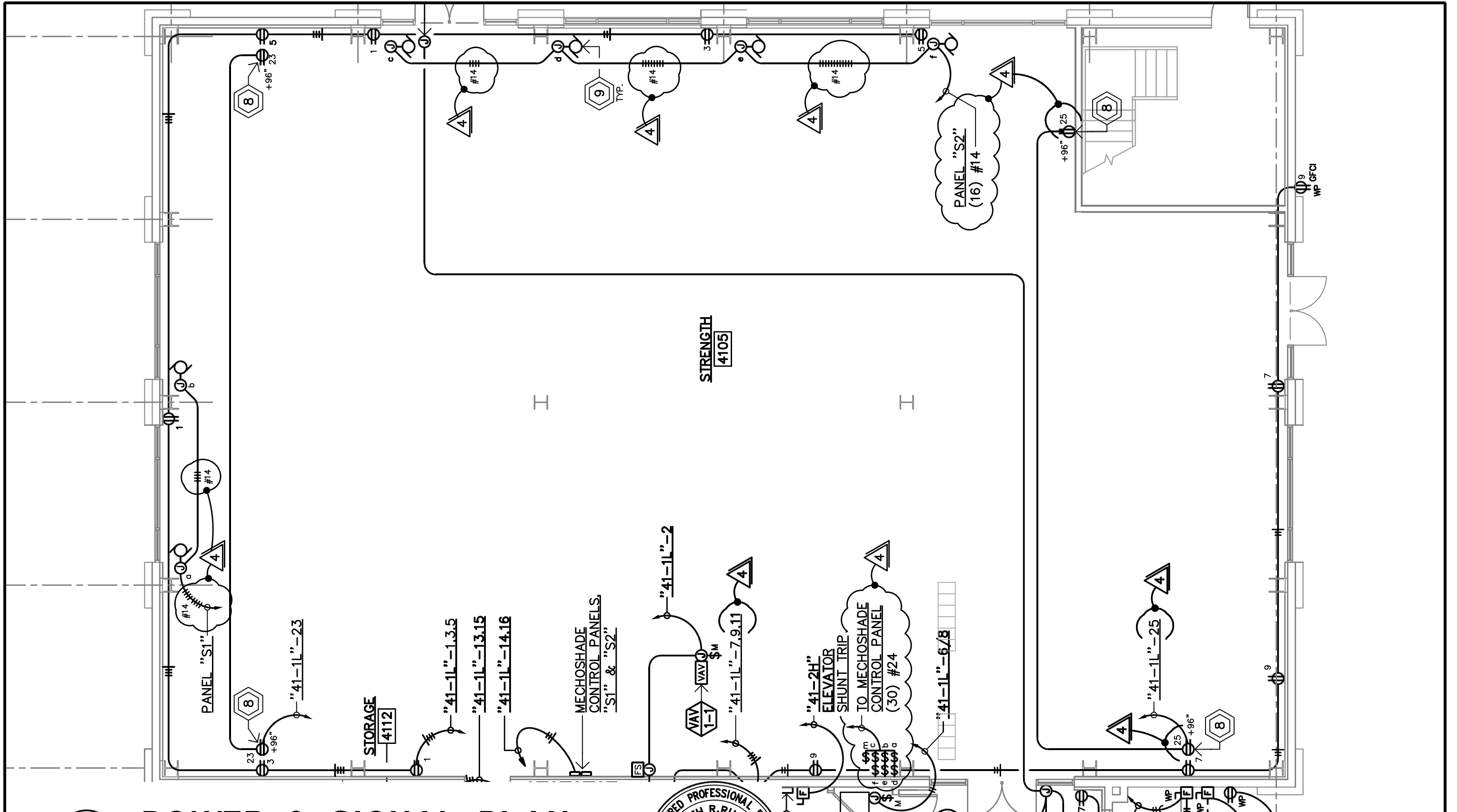
JOB NO.  
 2791.20  
 DATE  
 03/17/2010  
 DRAWN BY  
 JM

DRAWING NO.

**AD.164**

CHECKED  
 RA

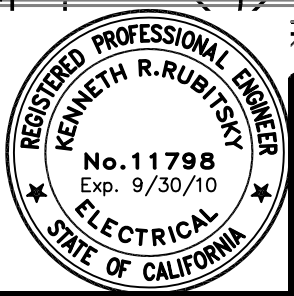
ADDENDUM NO. 4



1  
E2.1

# POWER & SIGNAL PLAN - FIRST FLOOR

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

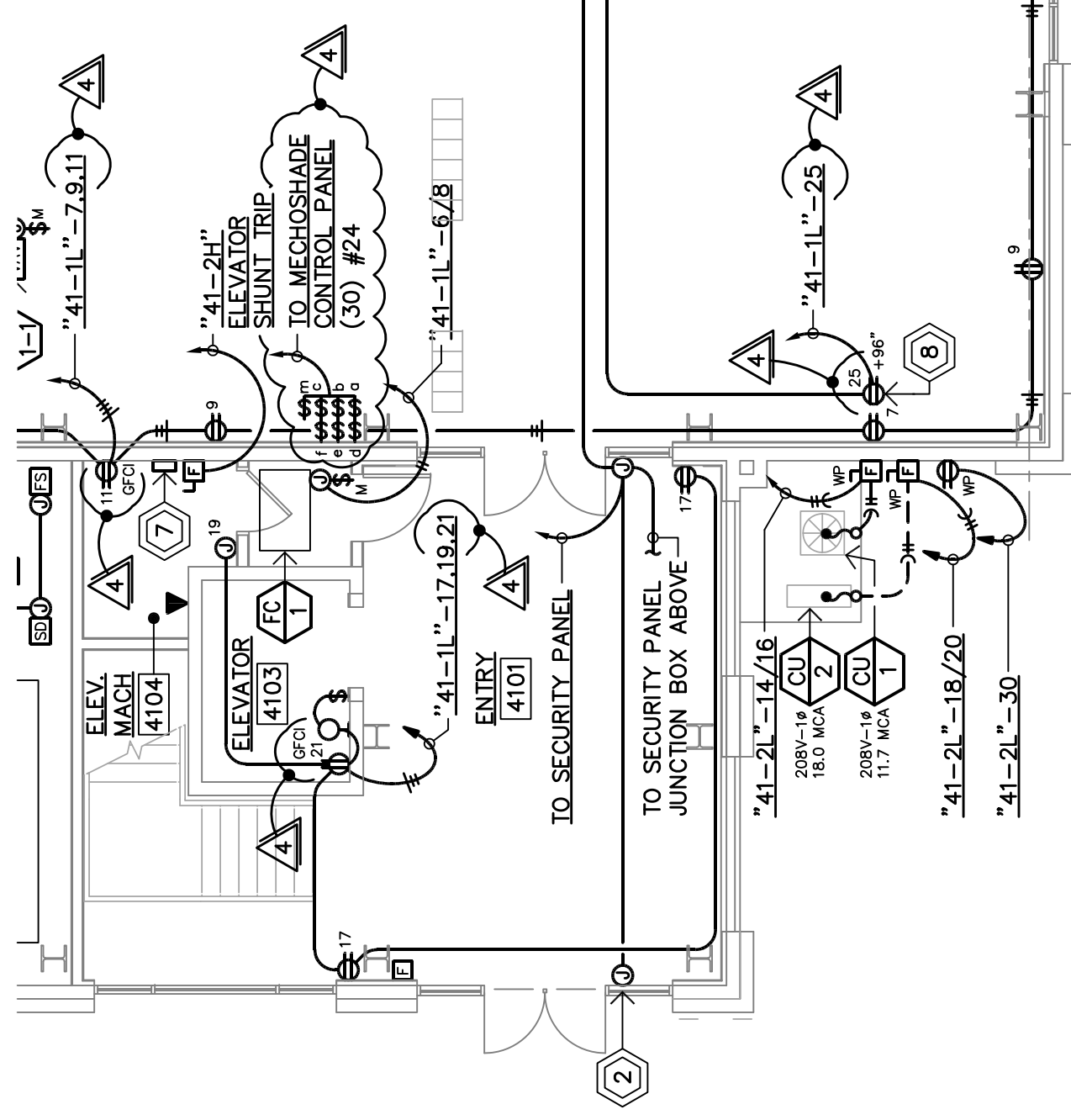


**STAFFORD  
KING  
WIESE  
ARCHITECTS**

POWER & SIGNAL 1ST FLOOR  
CHABOT COLLEGE PE COMPLEX  
ADDITION - BUILDING 4100  
CHABOT LAS POSITAS COMMUNITY COLLEGE DISTRICT  
25555 HESPERIAN BLVD.  
HAYWARD, CA 94545

AGENCY APPLICATION # DSA App. # 01-110446	
JOB NO. 8179	DRAWING NO.
DATE 03/16/2010	<b>AD.165</b> (REF. AD.158, E2.1)
DRAWN BY BS	
CHECKED WJ	
ADDENDUM NO. 4	

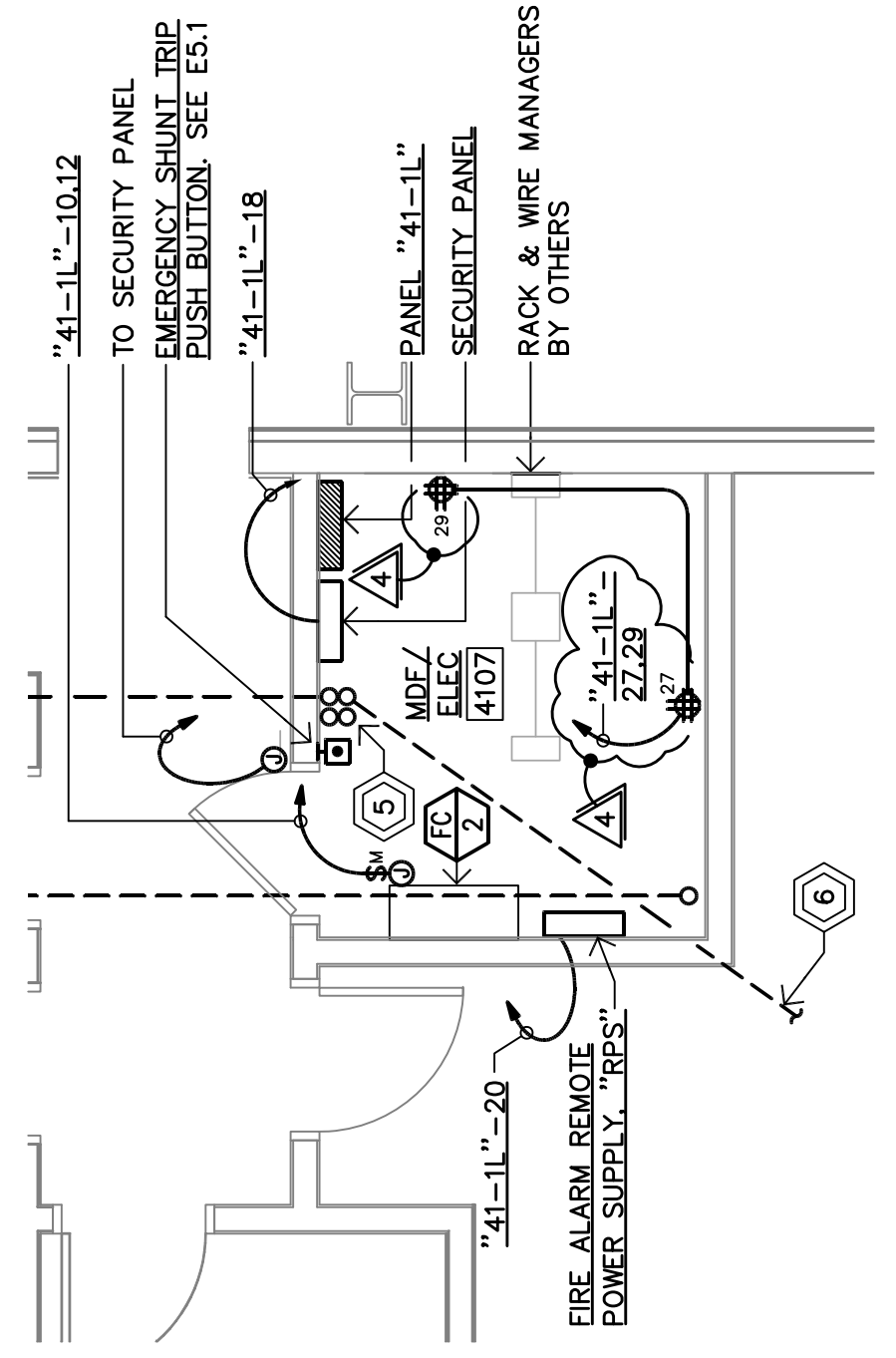




1  
E2.1

## POWER & SIGNAL PLAN - FIRST FLOOR

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



3  
E2.1

## ENLARGED MDF/ELECTRICAL ROOM - FIRST FLOOR

SCALE: 1/4" = 1'-0"



**STAFFORD  
KING  
WIESE  
ARCHITECTS**

POWER & SIGNAL 1ST FLOOR  
CHABOT COLLEGE PE COMPLEX  
ADDITION - BUILDING 4100  
CHABOT LAS POSITAS COMMUNITY COLLEGE DISTRICT  
25555 HESPERIAN BLVD.  
HAYWARD, CA 94545

AGENCY APPLICATION # DSA App. # 01-110446	DRAWING NO. <b>AD.167</b> (REF. E2.1)
JOB NO. 8179	
DATE 03/16/2010	ADDENDUM NO. 4
DRAWN BY BS	
CHECKED WJ	

**PANEL:** "41-1L" **VOLTAGE:** 208/120V **NEW X**  
**MOUNTING:** FLUSH **PHASE & WIRE:** 3Ø,4W **EXISTING**  
**AIC RATING:** 10,000 **BUS AMPS:** 100 Cu  
**PANEL TYPE:** BOLT-ON **MAIN:** LUGS

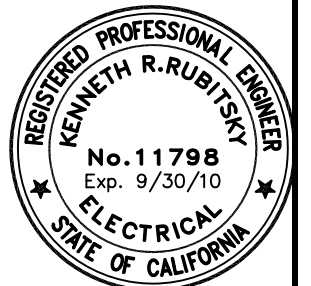
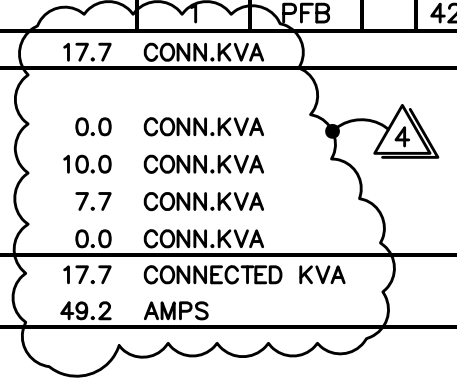
CKT NO	LT	BKR RATING	LOAD DESCRIPTION	KVA LOAD	PHASE			KVA LOAD	LOAD DESCRIPTION	BKR		CKT		
					A	B	C			RATING	LT	NO		
1	3	20	1	REC- STRENGTH	0.5	1.5	--	--	1.0	VAV 1-1 & 1-2, FSD	1	20	2	2
3	3	20	1	REC- STRENGTH	0.4	--	1.4	--	1.0	CEF-1	1	20	2	4
5	3	20	1	REC- STRENGTH	0.4	--	--	0.7	0.3	FC-1 FAN COIL	2	20	2	6
7	3	20	1	REC- STRENGTH	0.5	0.8	--	--	0.3	-	-	-	2	8
9	3	20	1	REC- STRENGTH	0.7	--	1.0	--	0.3	FC-2 FAN COIL	2	20	2	10
11	3	20	1	REC- ELEVATOR ROOM	0.2	--	--	0.5	0.3	-	-	-	2	12
13	3	20	1	RECEPTACLES	0.6	2.5	--	--	1.9	MECHOSHADE PANEL S1	1	20	2	14
15	3	20	1	RECEPTACLES	0.4	--	2.3	--	1.9	MECHOSHADE PANEL S2	1	20	2	16
17	3	20	1	RECEPTACLES	0.6	--	--	1.6	1.0	SECURITY PANEL	1	20	2	18
19	2	20	1	JB ELEV MACHINE RM	1.0	2.0	--	--	1.0	FAEP	1	20	2	20
21	3	20	1	REC- ELEVATOR PIT	0.2	--	0.4	--	0.2	REC- EXT. POLE MTD.	1	20	3	22
23	3	20	1	REC- FLAT SCREEN	1.0	--	--	1.2	0.2	REC- EXT. POLE MTD.	1	20	3	24
25	3	20	1	REC- FLAT SCREEN	1.0	1.0	--	--		SPARE	1	20		26
27	3	20	1	REC- MDF ROOM	0.4	--	0.4	--		SPARE	1	20		28
29	3	20	1	REC- MDF ROOM	0.4	--	--	0.4		SPARE	1	20		30
31		PFB	1	SPACE		0.0	--	--		SPACE	1	PFB		32
33		PFB	1	SPACE		--	0.0	--		SPACE	1	PFB		34
35		PFB	1	SPACE		--	--	0.0		SPACE	1	PFB		36
37		PFB	1	SPACE		0.0	--	--		SPACE	1	PFB		38
39		PFB	1	SPACE		--	0.0	--		SPACE	1	PFB		40
41		PFB	1	SPACE		--	--	0.0		SPACE	1	PFB		42



**LINE TOTALS:** 7.8    5.5    4.4    **TOTAL:** 17.7 CONN.KVA

**NOTES:**

**LOAD TYPE: (LT)**  
 TYPE 1 (CONTINUOUS) = 0.0 CONN.KVA  
 TYPE 2 (NON-CONT) = 10.0 CONN.KVA  
 TYPE 3 (RECPT) = 7.7 CONN.KVA  
 TYPE 4 (KITCH) = 0.0 CONN.KVA  
**TOTAL LOAD:** 17.7 CONNECTED KVA  
 49.2 AMPS



**STAFFORD KING WIESE ARCHITECTS**

**FIXTURE SCHEDULE**  
 CHABOT COLLEGE PE COMPLEX  
 ADDITION - BUILDING 4100  
CHABOT LAS POSITAS COMMUNITY COLLEGE DISTRICT  
 25555 HESPERIAN BLVD.  
 HAYWARD, CA 94545

AGENCY APPLICATION #  
 DSA App. # 01-110446  
 JOB NO. 8179  
 DATE 03/16/2010  
 DRAWN BY BS  
 CHECKED WJ  
 DRAWING NO. **AD.168**  
(REF. AD.132, E5.1)  
 ADDENDUM NO. 4

PANEL:		"41-2L"		VOLTAGE:		208/120V		NEW X					
MOUNTING:		FLUSH		PHASE & WIRE:		3ø,4W		EXISTING					
AIC RATING:		10,000		BUS AMPS:		225 Cu							
PANEL TYPE:		BOLT-ON		MAIN:		LUGS							
CKT	BKR	LOAD	DESCRIPTION	KVA LOAD	A	B	C	KVA LOAD	LOAD DESCRIPTION	BKR RATING	LT	NO	CKT
1	3	20	1	REC- FITNESS	0.5	1.5	--	1.0	VAV 1-3,1-4 & 1-5, FSD	1	20	2	2
3	3	20	1	REC- FITNESS	0.5	--	0.8	0.3	CEF-1	1	20	2	4
5	3	20	1	REC- FITNESS	0.5	--	0.9	0.4	CEF-2	1	20	2	6
7	3	20	1	REC- FITNESS	0.6	2.5	--	1.9	MECHOSHADE PANEL S3	1	20	2	8
9	3	20	1	REC- FITNESS	0.5	--	2.4	1.9	MECHOSHADE PANEL S4	1	20	2	10
11	3	20	1	RECEPTACLES	0.5	--	2.4	1.9	MECHOSHADE PANEL S5	1	20	2	12
13	2	20	1	EXERCISE EQUIPMENT	1.5	2.7	--	1.2	CU-1	1	15	2	14
15	2	20	1	EXERCISE EQUIPMENT	1.5	--	2.7	1.2	--	--	--	2	16
17	2	20	1	EXERCISE EQUIPMENT	1.5	--	3.4	1.9	CU-2	1	30	1	18
19	2	20	1	EXERCISE EQUIPMENT	1.8	3.7	--	1.9	--	--	--	1	20
21	2	20	1	EXERCISE EQUIPMENT	1.5	--	2.5	1.0	LCP	1	20	2	22
23	2	20	1	EXERCISE EQUIPMENT	1.5	--	1.9	0.4	RECEPT ELEC ROOM	1	20	2	24
25	2	20	1	EXERCISE EQUIPMENT	1.0	1.6	--	0.6	WH-1	1	30	2	26
27	2	20	1	EXERCISE EQUIPMENT	1.5	--	1.5	--	SPARE	1	20	--	28
29	2	20	1	EXERCISE EQUIPMENT	1.0	--	1.2	0.2	REC- CU-1 & CU-2	1	20	3	30
31	20	20	1	SPARE	5.6	--	--	5.6	PANEL 41-2LA	3	90	2	32
33	20	20	1	SPARE	--	3.8	--	3.8	--	--	--	2	34
35	20	20	1	SPARE	--	--	3.8	3.8	--	--	--	2	36
37	20	20	1	SPARE	7.8	--	--	7.8	PANEL 41-1L	3	100	2	38
39	20	20	1	SPARE	--	5.5	--	5.5	--	--	--	2	40
41	2	20	1	MECHOSHADE PANEL S6	1.9	--	6.3	4.4	--	--	--	2	42
LINE TOTALS:				25.4	19.2	19.9	TOTAL:	64.5	CONN.KVA				

NOTES:

LOAD TYPE: (LT)  
 TYPE 1 (CONTINUOUS) = 4.8 CONN.KVA  
 TYPE 2 (NON-CONT) = 57.4 CONN.KVA  
 TYPE 3 (RECEPT) = 3.3 CONN.KVA  
 TYPE 4 (KITCH) = 0.0 CONN.KVA  
 TOTAL LOAD: 65.5 CONNECTED KVA  
 181.8 AMPS

## LOAD CALCULATIONS

PANEL "41-MDB"  
 AHU-1 (15HP) = 17,451 VA  
 AHU-1 (20HP) = 22,437 VA  
 ELEVATOR (30HP) = 33,240 VA  
 PANEL "41-2L" = 64,500 VA  
 PANEL "41-2H" = 21,200 VA  
 25% LIGHTING = 5,300 VA  
 25% LARGEST MOTOR = 8,310 VA  
 TOTAL = 172,438 VA

FOR A 277/480V-3ø-4W SYSTEM:  
 172,438 W ÷ 831 = 207.5 A

PANEL "41-2H"  
 LIGHTING = 21,200 VA  
 25% LIGHTING = 5,300 VA  
 TOTAL = 26,500 VA

FOR A 277/480V-3ø-4W SYSTEM:  
 26,500 W ÷ 831 = 31.9 A

PANEL "41-2L"  
 RECEPTACLES = 3,700 VA  
 EQUIPMENT = 12,800 VA  
 MECHANICAL = 7,900 VA  
 MECHOSHADE PANELS = 7,600 VA  
 MISCELLANEOUS LOADS = 1,000 VA  
 INSTA-HOT WH-1 = 600 VA  
 PANEL "41-1L" = 17,700 VA  
 PANEL "41-2LA" = 13,200 VA  
 25% LARGEST MOTOR = 475 VA  
 TOTAL = 64,975 VA

FOR A 120/208V-3ø-4W SYSTEM:  
 64,975 W ÷ 360 = 180.5 A

PANEL "41-2LA"  
 EQUIPMENT = 13,200 VA

FOR A 120/208V-3ø-4W SYSTEM:  
 13,200 W ÷ 360 = 36.7 A

PANEL "41-1L"  
 RECEPTACLES = 7,700 VA  
 MECHANICAL = 3,200 VA  
 MECHOSHADE PANELS = 3,800 VA  
 MISCELLANEOUS LOADS = 3,000 VA  
 25% LARGEST MOTOR = 250 VA  
 TOTAL = 17,950 VA

FOR A 120/208V-3ø-4W SYSTEM:  
 17,950 W ÷ 360 = 49.9 A

**STAFFORD  
 KING  
 WIESE  
 ARCHITECTS**



### FIXTURE SCHEDULE

CHABOT COLLEGE PE COMPLEX  
 ADDITION - BUILDING 4100

CHABOT LAS POSITAS COMMUNITY COLLEGE DISTRICT  
 25555 HESPERIAN BLVD.  
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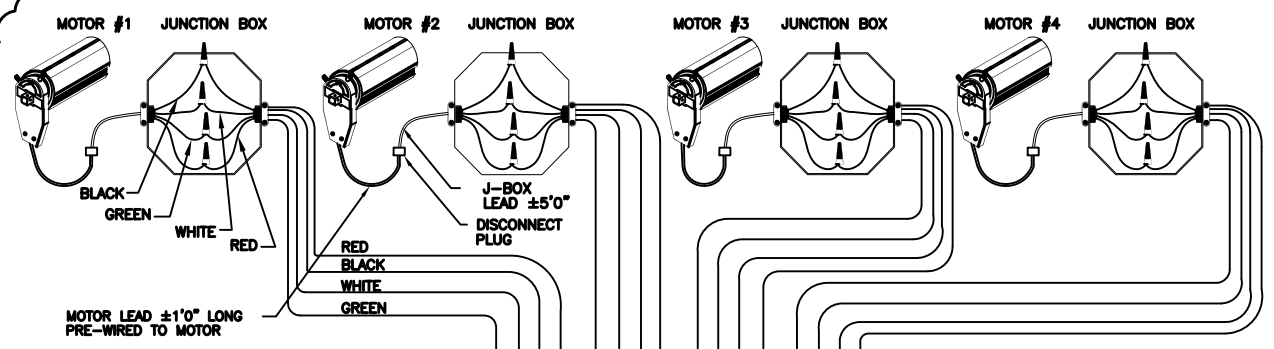
JOB NO.  
 8179  
 DATE  
 03/16/2010  
 DRAWN BY  
 BS  
 CHECKED  
 WJ

DRAWING NO.

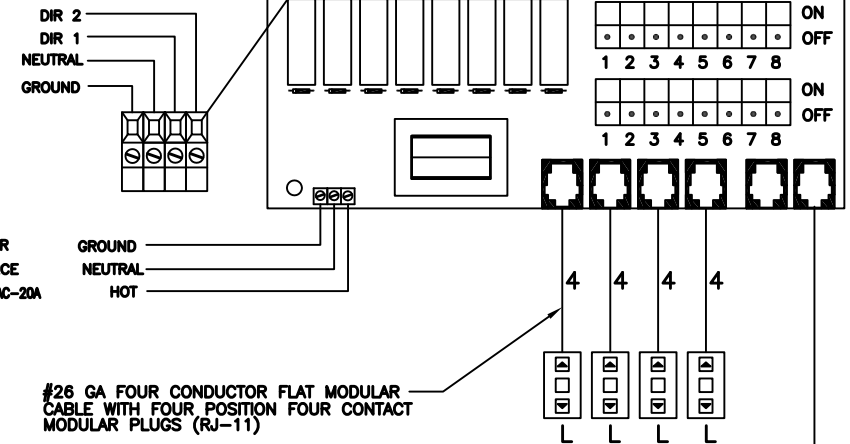
**AD.169**

(REF. AD.133, E5.1)

ADDENDUM NO. 4



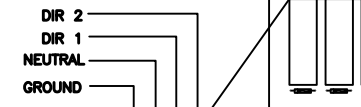
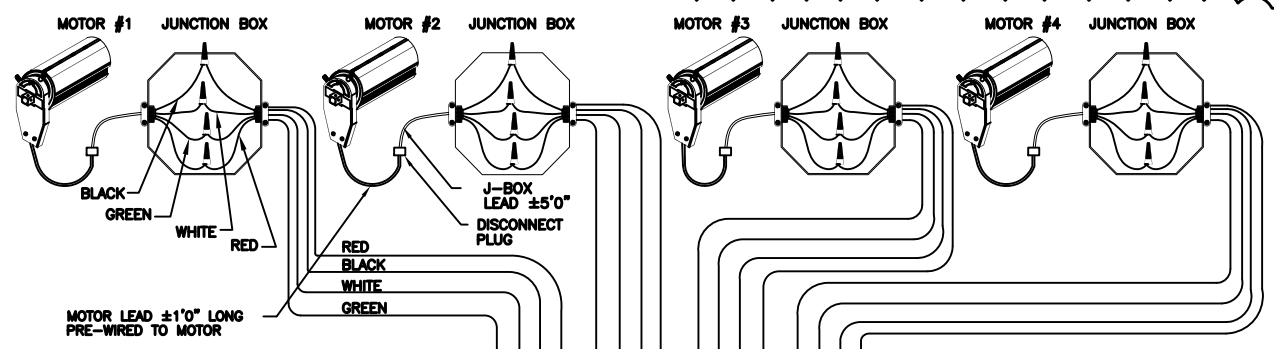
**NOTE:**  
 1 - INSTALLATION MUST COMPLY WITH ALL LOCAL AND NATIONAL ELECTRICAL CODES FOR 120 VAC AND LOW VOLTAGE WIRING REQUIREMENTS.  
 2 - MAXIMUM DISTANCE BETWEEN IQ/MLC AND A SWITCH IS 400 FEET



MAXIMUM WIRE SIZE = AWG #12 (MOTOR 1 THRU MOTOR 4 AND POWER)

#26 GA FOUR CONDUCTOR FLAT MODULAR CABLE WITH FOUR POSITION FOUR CONTACT MODULAR PLUGS (RJ-11)

**NOTE:** THE WIRING SHOWN ABOVE, FOR THE BLACK AND RED MOTOR LEADS, IS FOR RIGHT HAND REGULAR-ROLL OR LEFT HAND REVERSE-ROLL MOTORS. FOR LEFT HAND REGULAR-ROLL OR RIGHT HAND REVERSE-ROLL MOTORS, THE BLACK AND RED LEADS MUST BE REVERSED.



MAXIMUM WIRE SIZE = AWG #12 (MOTOR 1 THRU MOTOR 4 AND POWER)

#24 GA FOUR CONDUCTOR FLAT MODULAR CABLE WITH FOUR POSITION FOUR CONTACT MODULAR PLUGS (RJ-11)

#26 GA SIX CONDUCTOR FLAT MODULAR CABLE WITH SIX POSITION SIX CONTACT MODULAR PLUGS (RJ-12)

**IQ/MLC**  
 INPUT: 120VAC, 60 Hz, 20 A each  
 OUTPUTS: 120VAC, 60 Hz, 5 A each  
 12 VDC, 0.3 A

**1** **TYPICAL MECHOSHADE IQ/MLC WIRING DIAGRAM**  
 E5.2 NO SCALE



**STAFFORD KING WIESE ARCHITECTS**

**ELECTRICAL DETAILS**  
 CHABOT COLLEGE PE COMPLEX  
 ADDITION - BUILDING 4100  
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 DRAWING NO. **AD.170**  
 (REF. AD.161, E5.2)  
 ADDENDUM NO. 4