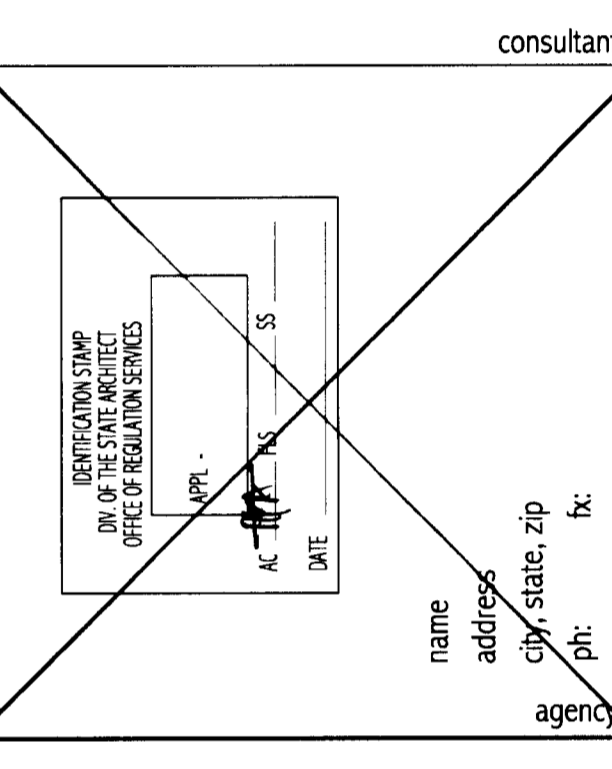


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**L-614 NURSING AREA REMODEL COLLEGE COMPLEX**

BID DOCUMENTS

LOS MEDANOS COLLEGE  
2700 EAST LELAND DRIVE  
PITTSBURG, CA 94565

owner

tBPP project number : 206800

file name: EAV-1.2.rev4.dwg

drawn by: checked by: VR

date: JUNE 22, 2010

Rev: date: description:

drawing title:  
**AV NOTES ELECTRICAL**

drawing no.: **EAV-1.2**  
drawing of

Symbol	Note	Location: Purpose	To:	Box Type	Mounting Ht.	Conduits	Power	Data	Notes
J14	S Wall - AV Wall Plate (AV Only @ LCD Display)	J14 Stubbed to Above Finished Ceiling		2-Gang	8" AFF	(1) 1-1/4"			
J15	S Wall - LAN (1) LCD Display, (1) Spare	J15 Stubbed Above Finished Ceiling to IDF		AR per IT	8" AFF	AR per IT		(2) RJ45	Verify with IT
J3	S Wall Approx 2' from SE Corner - AV Wall Plate	J3 Stubbed to Above Finished Ceiling		2-Gang	18" AFF	(2) 1-1/4"			
J4	S Wall - LAN - (2) Computer, (2) Spare	J4 Stubbed Above Finished Ceiling to Server		AR per IT	18" AFF	AR per IT		(4) RJ45	Verify with IT
P1	S Wall Center - LCD Display Power			1-Gang	8" AFF	AR	DED 20AMP Quad		
P2	S Wall Approx 2' from SE Corner - Equipment Rack Dedicated Power			2-Gang	18" AFF	AR	DED 20AMP Quad		

NOTES:  
Locate P1, J14 & J15 immediately adjacent at LCD location  
Locate P2, J3 & J4 immediately adjacent 2' from SE corner

Ceiling Ht: 8'-6"  
Ceiling Type: AC-2 (Acoustical Tile 2x4)  
Wall: P-1 (Painted Gypsum Board)  
Floor: CA (Carpet Tile)  
Lighting: Pendant (Verify Location AFF for possible display obstruction)

Symbol	Note	Location: Purpose	To:	Box Type	Mounting Ht.	Conduits	Power	Data	Notes
S3	Ceiling - VOG Ceiling Tile Speaker	Cable above ceiling to ISO Control Room - No conduit or Box							Coordinate w/ Lighting Fixtures
M3	Ceiling - Microphone	Cable above ceiling to ISO Control Room - No conduit or Box							Coordinate w/ Lighting Fixtures
C1	Ceiling - PTZ Camera: Over Patient View	Cable above ceiling to ISO Control Room - No conduit or Box							Coordinate w/ Lighting Fixtures
C2	Ceiling - Fixed Wide Camera: Front View	Cable above ceiling to ISO Control Room - No conduit or Box							Coordinate w/ Lighting Fixtures
J9	W Wall 5' from SE Corner: Volume Control for VOG Speaker Volume	Stubbed Above Accessible Ceiling		1-Gang	48" AFF	(1) 3/4"			
C3	W Wall - PTZ Camera: Side View	Stubbed Above Accessible Ceiling		1-Gang	36" AFF	(1) 3/4"			
C4	E Wall - Fixed Wide Camera: Patient View	Stubbed Above Accessible Ceiling		1-Gang	83" AFF	(1) 3/4"			
J18	E Wall - Sim Man Monitor	Stubbed Above Accessible Ceiling		1-Gang	50" AFF	(1) 1-1/4"			
J19	E Wall - Wall Plate - Link Box, Audio, VGA	Stubbed Above Accessible Ceiling		2-Gang	18" AFF	(1) 1-1/4"			
J20	E Wall - Link Box LAN	Stubbed Above Accessible Ceiling		2-Gang	18" AFF	(1) 1-1/4"			
P1	E Wall - Sim Man Interface and related equipment at nightstand cabinet			QUAD	18" AFF	AR	AR		
P2	E Wall - Sim Man Monitor Power			Duplex	50" AFF	AR	AR		

NOTES:  
Ceiling Ht: 8'-6"  
Ceiling Type: AC-2 (Acoustical Tile 2x4)  
Wall: P-1 (Painted Gypsum Board)  
Floor: Rubber Flooring  
Lighting: Recessed in Lay-in Ceiling  
Locate P1 & J19 immediately adjacent  
Locate P2 & J18 immediately adjacent

Symbol	Note	Location: Purpose	To:	Box Type	Mounting Ht.	Conduits	Power	Data	Notes
S4	Ceiling - VOG Ceiling Tile Speaker	Cable above ceiling to ISO Control Room - No conduit or Box							Coordinate w/ Lighting Fixtures
M4	Ceiling - Ceiling Tile Microphone	Cable above ceiling to ISO Control Room - No conduit or Box							Coordinate w/ Lighting Fixtures
C5	Ceiling - Ceiling Tile PTZ Camera: Over Patient View	Cable above ceiling to ISO Control Room - No conduit or Box							Coordinate w/ Lighting Fixtures
C6	Ceiling - Ceiling Tile Fixed Wide Camera: Front View	Cable above ceiling to ISO Control Room - No conduit or Box							Coordinate w/ Lighting Fixtures
J9	W Wall 7'8" from SE Corner: Volume Control for VOG Speaker Volume	Stubbed Above Accessible Ceiling		1-Gang	48" AFF	(1) 3/4"			
C7	W Wall - PTZ Camera: Side View	Stubbed Above Accessible Ceiling		1-Gang	36" AFF	(1) 3/4"			
C8	E Wall - Fixed Wide Patient View Camera	Stubbed Above Accessible Ceiling		1-Gang	83" AFF	(1) 3/4"			
J18	E Wall - Sim Man Monitor	Stubbed Above Accessible Ceiling		1-Gang	50" AFF	(1) 1-1/4"			
J19	E Wall - Wall Plate - Link Box, Audio, VGA	Stubbed Above Accessible Ceiling		2-Gang	18" AFF	(1) 1-1/4"			
J20	E Wall - Link Box LAN	Stubbed Above Accessible Ceiling		2-Gang	18" AFF	(1) 1-1/4"			
P1	E Wall - Sim Man Interface and related equipment at nightstand cabinet			QUAD	18" AFF	AR	AR		
P2	E Wall - Sim Man Monitor Power			Duplex	50" AFF	AR	AR		

NOTES:  
Locate P1 & J19 immediately adjacent  
Locate P2 & J18 immediately adjacent

Ceiling Ht: 8'-6"  
Ceiling Type: AC-2 (Acoustical Tile 2x4)  
Wall: P-1 (Painted Gypsum Board)  
Floor: Rubber Flooring  
Lighting: Recessed in Lay-in Ceiling

Symbol	Note	Location: Purpose	To:	Box Type	Mounting Ht.	Conduits	Power	Data	Notes
J1	N Wall 22' from E Wall - AV Rack for Room 927 SimMan Control	Stubbed Above Accessible Ceiling		2-Gang	18" AFF	(2) 1-1/4"			(3) RJ45
J4	N Wall Control Desk - (2) Computer, (1) Spare	J4 to IDF		2-Gang	18" AFF	(1) 1-1/4"			(3) RJ45
P1	N Wall Approx 20' from W Wall - AV Rack Power			QUAD	18" AFF	AR	DED 20AMP Quad		
J2	S Wall 18' from E Wall - Audio Visual Rack - Mic, Speaker, AV from Room 927	Stubbed Above Accessible Ceiling		2-Gang	18" AFF	(2) 1-1/4"			
J4	S Wall Control Desk - (2) Computer, (1) Spare	J4 to IDF		2-Gang	18" AFF	(1) 1-1/4"			(3) RJ45
P2	S Wall Approx 22' from W Wall - Equipment Rack Dedicated Power			QUAD	18" AFF	AR	DED 20AMP Quad		

NOTES:  
Locate J1, J4 & P1 immediately adjacent  
Locate J2, J4 & P2 immediately adjacent

Ceiling Ht: 8'-6"  
Ceiling Type: AC-2 (Acoustical Tile 2x4)  
Wall: P-1 (Painted Gypsum Board)  
Floor: CA (Carpet Tile)  
Lighting:

Symbol	Note	Location: Purpose	To:	Box Type	Mounting Ht.	Conduits	Power	Data	Notes
J1	S Wall (7' from E wall) - Left Speaker	J1 Stubbed Behind Projector Mount Location		1-Gang	8" AFF	(1) 3/4"			
J2	S Wall (7' from W wall) - Right Speaker	J2 Stubbed Behind Projector Mount Location		1-Gang	8" AFF	(1) 3/4"			
J3	S Wall - AV Wall Plate - AV Only to Projector Mount	J3 Stubbed Behind Projector Mount Location		2-Gang	18" AFF	(1) 1-1/4"			Verify location w/BP
J4	S Wall - Podium - (2) Computer, (1) Switcher, (1) Spare	J4 to IDF		2-Gang	18" AFF	(1) 1-1/4"			(4) RJ45
J5	S Wall - @ Above East Whiteboard Edge - Future Whiteboard Scanner	J5 to J3		1-Gang	82" AFF	(1) 1"			
J6	S Wall - Camera and Microphone from J13 in Room 912A Mock Ambulance	J6 to J13 in Room 912A Mock Ambulance		2-Gang	18" AFF	(1) 1-1/4"			
J7	Behind Projector Mount Location: (1) Projector, (1) Wireless Router, (1) Spare	J7 to IDF		2-Gang	Ceiling	(1) 1-1/4"			(3) RJ45
P1	Ceiling 11'-15" from C-Line of Projection Screen @ Rear of Projector Mount: Projector Power			2-Gang	Ceiling	AR	DED 20AMP Quad		
P2	S Wall - Motorized projection Screen 80" x 60"	Left side of screen (Overall Case Length 92")		As Required	9'-0" AFF	AR	115VAC Hardwired		
P3	S Wall - Projection Screen 3-Button Control	S Wall at SE Corner		1-Gang	48" AFF	(1) 3/4"	AR		
P4	S Wall - Podium Dedicated power			2-Gang	18" AFF	AR	DED 20AMP Quad		

NOTES:  
Stubbed end "c" of J1, J2, J3 should be closely grouped at the rear side of the Projector Mount with J7 and P1  
J3, J4, J6 & P4 boxes should be located immediately adjacent to each other near the podium location on the South wall

Ceiling Ht: Variable 11'-0" AFF TYP to Cessatory TYP  
Ceiling Type: X (Exposed)  
Wall: P-1 (Painted Gypsum Board)  
Floor: CA (Carpet Tile)  
Lighting: Pendant (Verify Location AFF for possible display obstruction)

Symbol	Note	Location: Purpose	To:	Box Type	Mounting Ht.	Conduits	Power	Data	Notes
J10	Ceiling - VOG Speaker	J10 to J11		1-Gang	Above Ceiling	(1) 3/4"			Coordinate w/ Lighting Fixtures
J11	Ceiling Mic	J11 to J12		1-Gang	Interior Ceiling	(1) 3/4"			Coordinate w/ Lighting Fixtures
J12	Ceiling Camera	J12 Stubbed Behind Projector Mount Location		1-Gang	Interior Ceiling	(1) 3/4"			Coordinate w/ Lighting Fixtures
J13	Above Ceiling Box to J5 Equipment Rack in Room 913	To J5 in Room 913		2-Gang	Above Ceiling	(1) 1-1/4"			
J8	S Wall - from SW Corner: Volume Control for VOG Speaker Volume, Mic Level	To J13		1-Gang	50" AFF	(1) 3/4"			

NOTES:  
Provide 3/4" conduit from J10 to J11 to J12 to J13  
Ceiling Ht: 7'-6" from EL 0'-0"  
Ceiling Type: Gypsum Board  
Wall: P-1 (Painted Gypsum Board)  
Floor: Rubber Flooring  
Lighting: Surface Mounted Light Fixture

Symbol	Note	Location: Purpose	To:	Box Type	Mounting Ht.	Conduits	Power	Data	Notes
J1	S Wall (7' from E wall) - Left Speaker	J1 Stubbed Behind Projector Mount Location		1-Gang	8" AFF	(1) 3/4"			
J2	S Wall (7' from W wall) - Right Speaker	J2 Stubbed Behind Projector Mount Location		1-Gang	8" AFF	(1) 3/4"			
J3	S Wall - AV Wall Plate - AV Only to Projector Mount	J3 Stubbed Behind Projector Mount Location		2-Gang	18" AFF	(1) 1-1/4"			(4) RJ45
J4	S Wall - Podium - (2) Computer, (1) Switcher, (1) Spare	J4 to IDF		2-Gang	18" AFF	(1) 1-1/4"			(4) RJ45
J5	S Wall - @ Above West Whiteboard Edge - Future Whiteboard Scanner	J5 to J3		1-Gang	82" AFF	(1) 1"			
J7	Behind Projector Mount Location: (1) Projector, (1) Wireless Router, (1) Spare	J7 to IDF		2-Gang	Ceiling	(1) 1-1/4"			(3) RJ45
P1	Ceiling 11'-15" from C-Line of Projection Screen @ Rear of Projector Mount: Projector Power			2-Gang	Ceiling	AR	DED 20AMP Quad		
P2	S Wall - Motorized projection Screen 60" x 60"	Left side of screen (Overall Case Length 92")		As Required	9'-0" AFF	AR	115VAC Hardwired		Verify pendant light drop
P3	S Wall - Projection Screen 3-Button Control	S Wall at SW corner to Projection Screen Power		1-Gang	48" AFF	(1) 3/4"	AR		
P4	S Wall - Podium Dedicated power			2-Gang	18" AFF	AR	DED 20AMP Quad		

NOTES:  
Stubbed end "c" of J1, J2, J3 should be closely grouped at the rear side of the Projector Mount with J7 and P1  
J3, J4 & P4 boxes should be located immediately adjacent to each other near the podium location on the South wall

Ceiling Ht: 11'-0" AFF TYP  
Ceiling Type: X (Exposed)  
Wall: P-1 (Painted Gypsum Board)  
Floor: CA (Carpet Tile)  
Lighting: Pendant (Verify Location AFF for possible display obstruction)

Symbol	Note	Location: Purpose	To:	Box Type	Mounting Ht.	Conduits	Power	Data	Notes
J1	E Wall 8'-4" from SE corner - Left Speaker	J1 Stubbed Behind Projector Mount Location		1-Gang	8" AFF	(1) 3/4"			
J2	E Wall 8'-4" from SE corner - Right Speaker	J2 Stubbed Behind Projector Mount Location		1-Gang	8" AFF	(1) 3/4"			
J3	E Wall - AV Wall Plate (AV Only to Projector)	J3 Stubbed Behind Projector Mount Location		2-Gang	18" AFF	(1) 1-1/4"			Verify location w/BP
J4	E Wall - Podium - (2) Computer, (1) Switcher, (1) Spare	J4 to IDF		2-Gang	18" AFF	(1) 1-1/4"			(4) RJ45
J5	E Wall - @ Above Whiteboard Edge - Future Whiteboard Scanner	J5 to J3		1-Gang	82" AFF	(1) 1"			
J7	Projector Mount Location: (1) Projector, (1) Wireless Router, (1) Spare	J7 to IDF		2-Gang	Ceiling	(1) 1-1/4"			(3) RJ45
P1	Ceiling 11'-15" from C-Line of Projection Screen @ Rear of Projector Mount: Projector Power			2-Gang	Ceiling	AR	DED 20AMP Quad		
P2	E Wall - Motorized projection Screen 80" x 60"	Left side of screen (Overall Case Length 92")		As Required	9'-0" AFF	AR	115VAC Hardwired		Verify pendant light AFF
P3	E Wall 5'-8" from NE Corner - Projection Screen 3-Button Control	East Wall 8'8" from NE Corner to Projection Screen Power		1-Gang	48" AFF	(1) 3/4"	AR		Verify location
P4	E Wall - Podium Dedicated Power	E Wall at SE Corner		2-Gang	18" AFF	AR	DED 20AMP Quad		

NOTES:  
Stubbed end "c" of J1, J2, J3 should be closely grouped at the rear side of the Projector Mount with J7 and P1  
J3, J4 & P4 boxes should be located immediately adjacent to each other near the podium location on the West wall

Ceiling Ht: 9'-10" to 11'-0"  
Ceiling Type: X (Exposed)  
Wall: P-1 (Painted Gypsum Board)  
Floor: CA (Carpet Tile)  
Lighting: Pendant (Verify Location AFF for possible display obstruction)

Symbol	Note	Location: Purpose	To:	Box Type	Mounting Ht.	Conduits	Power	Data	Notes
C9	PTZ Camera above patient beds - Monitor student skills @ ISO Control Room 928	CS, CS, S1, S2, M1, M2 to ISO 808 Control Room		(3) Sleeves	Above 7-Bar Ceiling	1" Minimum			
C10	PTZ Camera above patient beds - Monitor student skills @ ISO Control Room 928	Above 7-Bar Ceiling - Sleeved at Walls AR							
S1	VOG Speaker - from ISO Control Room	No Conduit or Box Required							
S2	VOG Speaker - from ISO Control Room								
M1	Ceiling Mic								
M2	Ceiling Mic								
J1	E Wall 2'-0" from SE corner - Left Speaker	J1 Stubbed Behind Projector Mount Location		1-Gang	8" AFF	(1) 3/4"			
J2	E Wall 8'-4" from SE corner - Right Speaker	J2 Stubbed Behind Projector Mount Location		1-Gang	8" AFF	(1) 3/4"			
J3	E Wall Casework AV Rack - AV Wall Plate - (AV Only to Projector) N End of Casework	J3 Stubbed Behind Projector Mount Location		2-Gang	18" AFF	(1) 1-1/4"			Verify location w/BP
J4	E Wall Casework AV Rack - (2) Computer, (1) Switcher, (1) Spare (N End of Casework)	J4 to IDF		2-Gang	18" AFF	(1) 1-1/4"			Verify with IT
J6	E Wall - ISO Equipment Rack Feed to Room 921 Rack	J6 Stub to Accessible Ceiling in Room 929		2-Gang	18" AFF	(1) 1-1/4"			
J7	Projector Mount Location: (1) Projector, (1) Wireless Router, (1) Spare	J7 to IDF		2-Gang	Ceiling	(1) 1-1/4"			(3) RJ45
J8	Surface Mounted Junction Box - AV, IT and Power to casework surface	J8 Above AV Rack compartment							FSR TRACS-SQ-BLK Casework Surface to interior cabinet
J9	N Wall 34" from NW Corner: Volume Control for VOG Speaker Volume, Mic Level	Stubbed to accessible ceiling in Room 924 (to ISO928)		1-Gang	48" AFF	(1) 3/4"			
J21	E Wall 24" from Room 929 Entrance: Full Wall Mounted Remote Control	Conduit to J3 AV Wall Plate		4-Gang	48" AFF	(1) 3/4"			
P1	Ceiling 11'-15" from C-Line of Projection Screen @ Rear of Projector Mount: Projector Power			2-Gang	Ceiling	AR	DED 20AMP Quad		Verify pendant light AFF
P2	E Wall Casework - Motorized projection Screen 60" x 60"	Left side of screen (Overall Case Length 92")		As Required	8'8" AFF	AR	115VAC Hardwired		
P3	E Wall - Projection Screen 3-Button Control	E Wall to Projection Screen Power		1-Gang	48" AFF	(1) 3/4"	AR		
P4	E Wall - Equipment Rack Dedicated Power	Behind Projector Rack in Casework		2-Gang	18" AFF or AR	AR	DED 20AMP Quad		Mount to rear casework wall

NOTES:  
Stubbed end "c" of J1, J2, J3 should be closely grouped at the rear side of the Projector Mount with J7 and P1  
J3, J4 & P4 boxes should be located immediately adjacent to each other inside the casework @ Rack Cabinet

Ceiling Ht: 11'-0" at Projection Area, 8'-8" at Bed Area  
Ceiling Type: X (Exposed) and AC-2 at Bed Area  
Wall: P-1 (Painted Gypsum Board)  
Floor: Rubber Flooring  
Lighting: Pendant (Verify Location AFF for possible display obstruction)  
Casework: Cable Reservoir @ Casework surface above AV Rack & Provide Vented Front Door or side panel on North side of casework @ rack cabinet. Provide access to J3, J4 & P4 at interior of Rack Cabinet

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