




Honda Smart Home

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CANTARA

3197 - G Airway Ave., Costa Mesa, CA 92626  
Office 949.645.3684 Fax 949.645.8727  
www.cantaradesign.com

CA Contractor License #  
901897

Honda Smart Home

Consultant  
Jason Voorhees  
j.voor@cantaradesign.com  
949.645.3684 ext. 111

Engineer  
Kevin Steig  
k.steig@cantaradesign.com  
949.645.3684 ext. 110

Scale  
N/A

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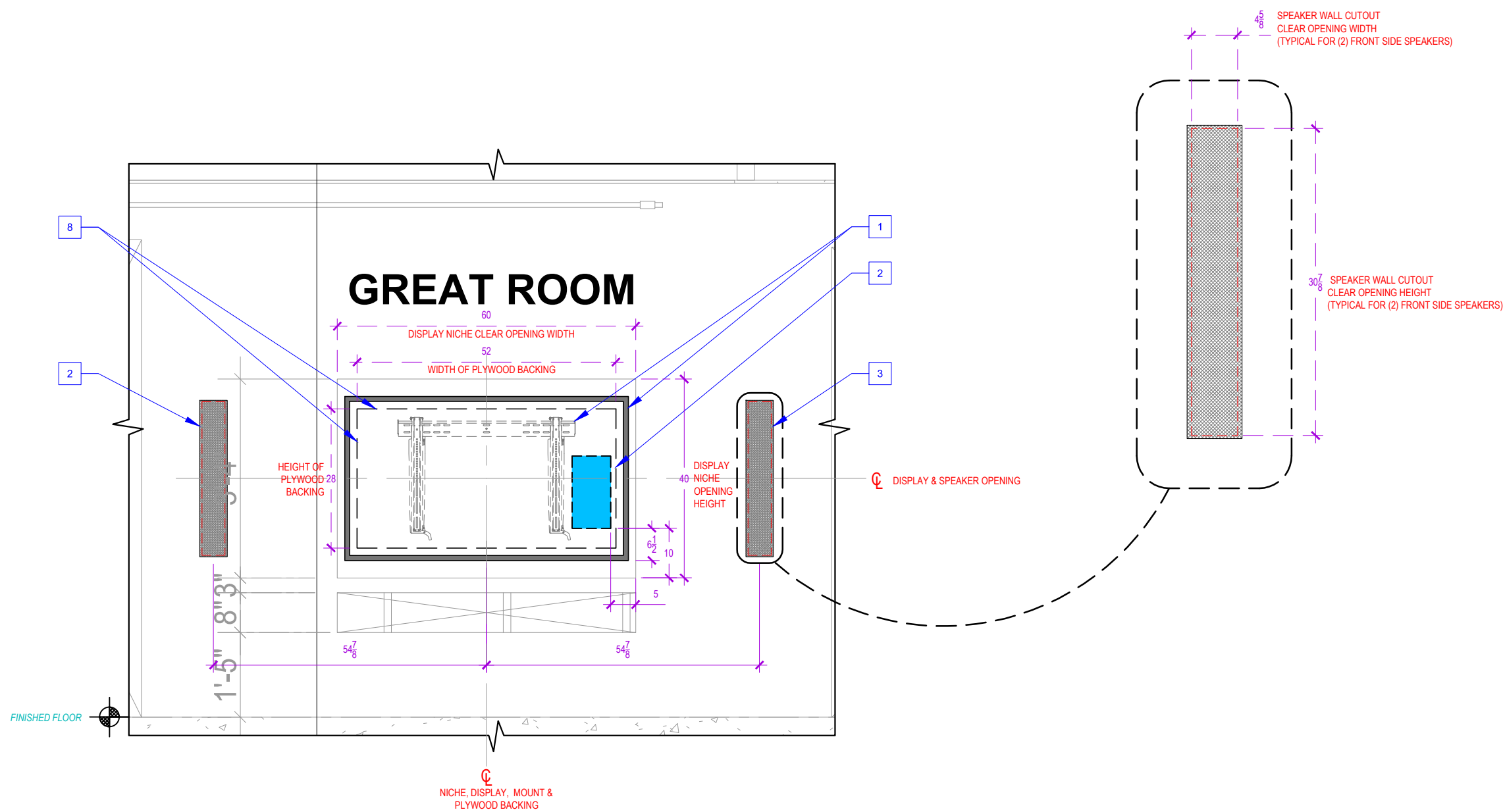
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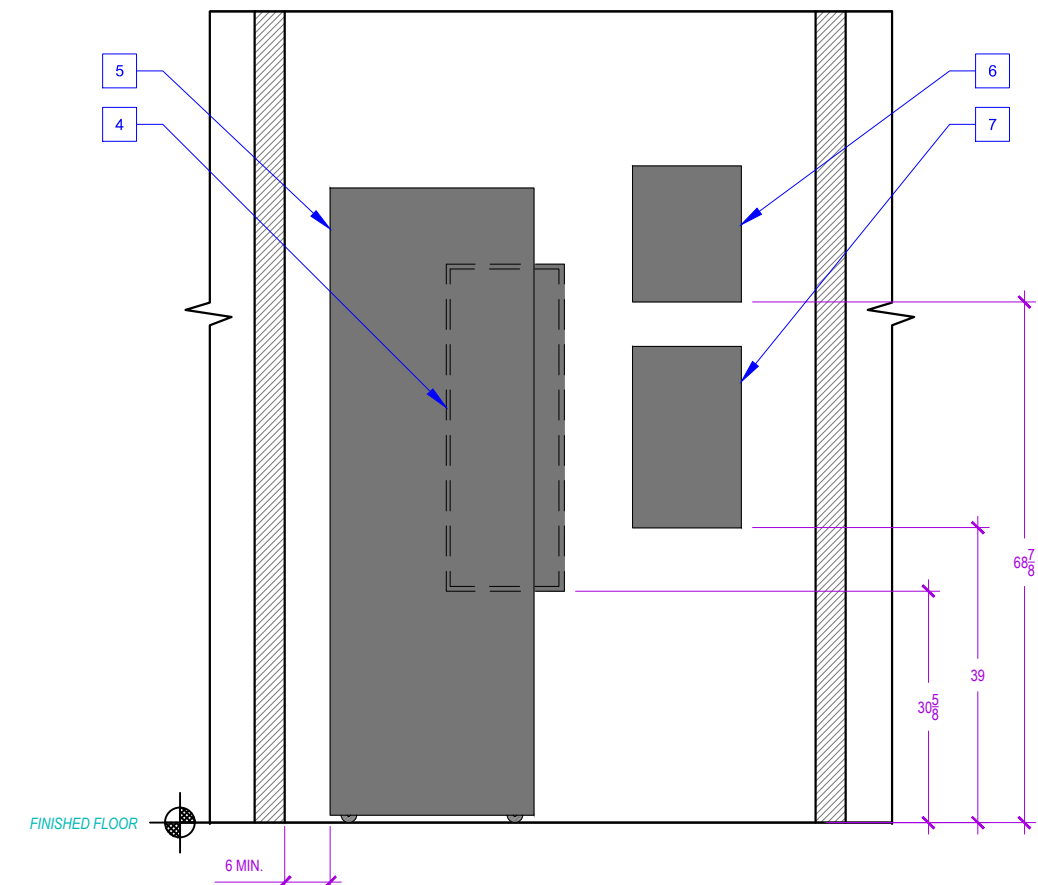
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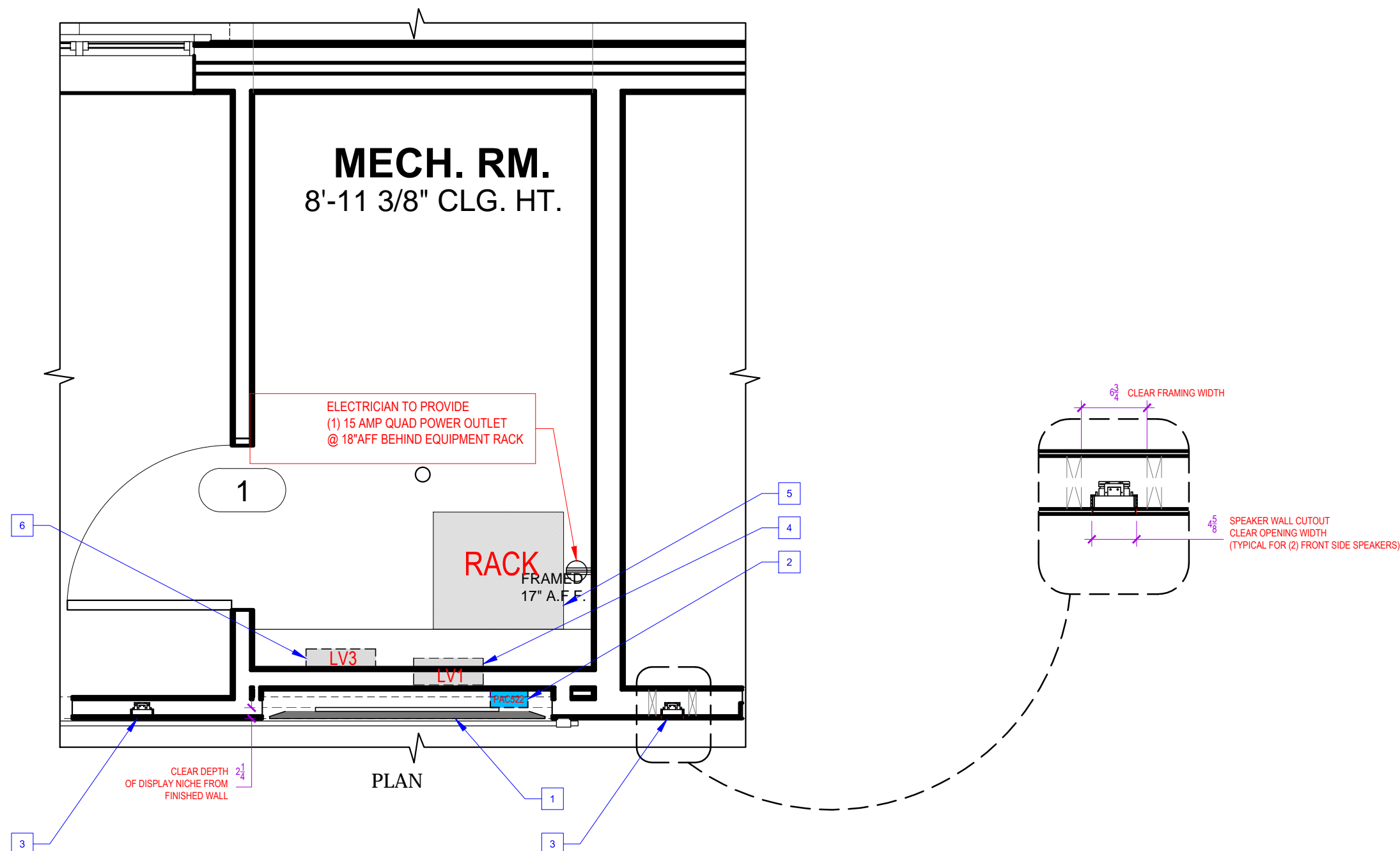
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ELEVATION A - GREAT ROOM

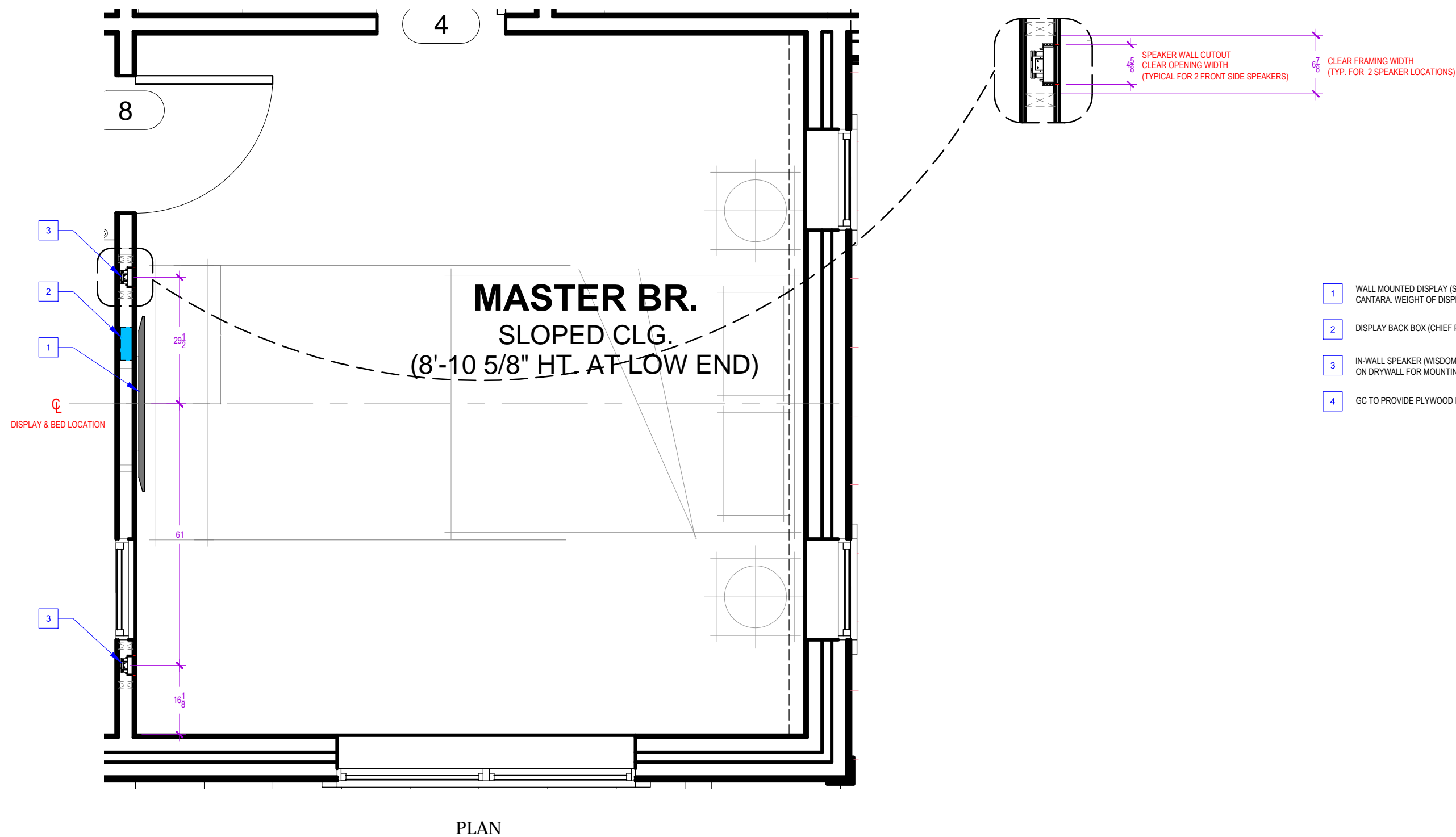
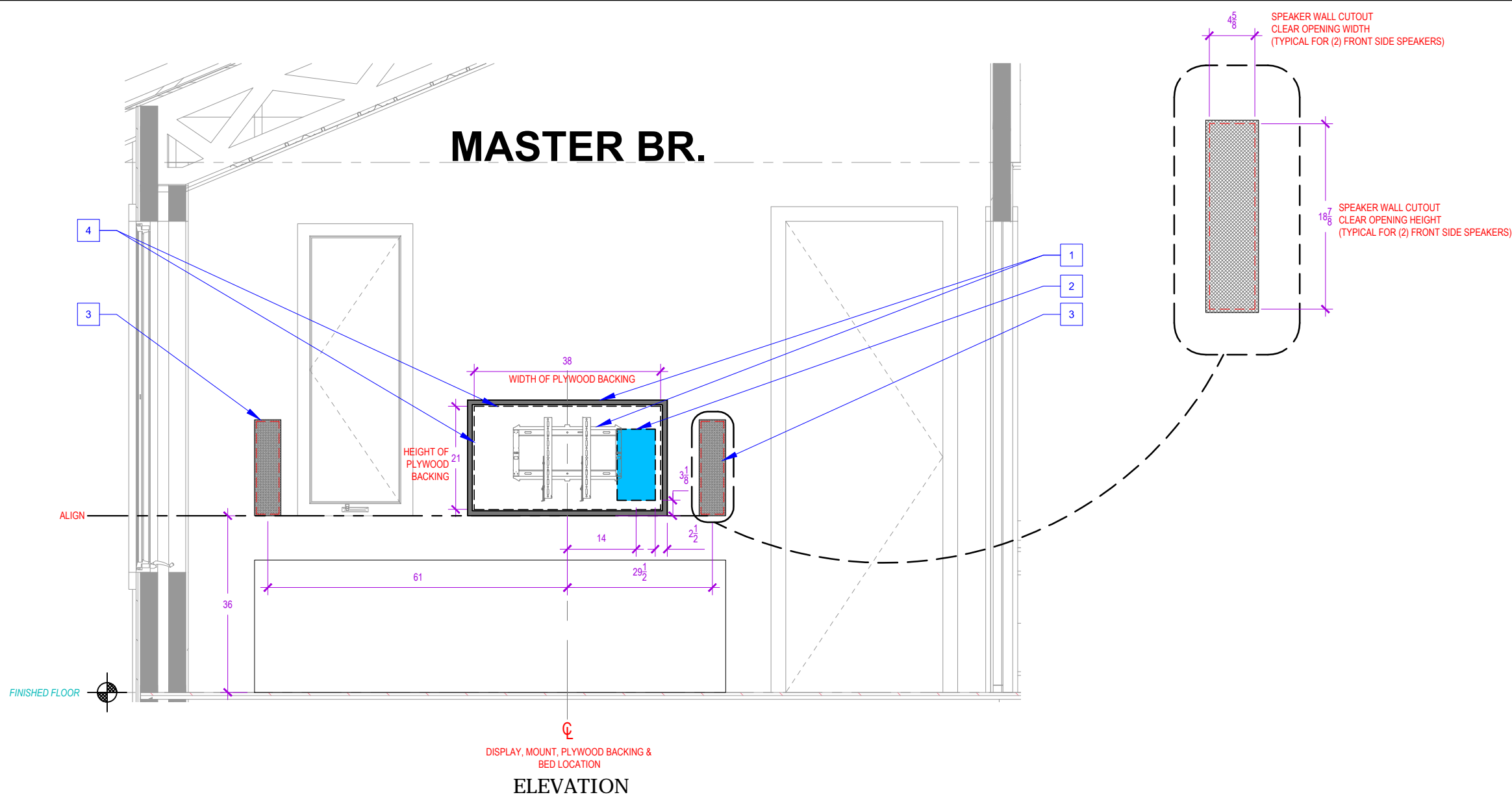


ELEVATION B - MECHANICAL ROOM



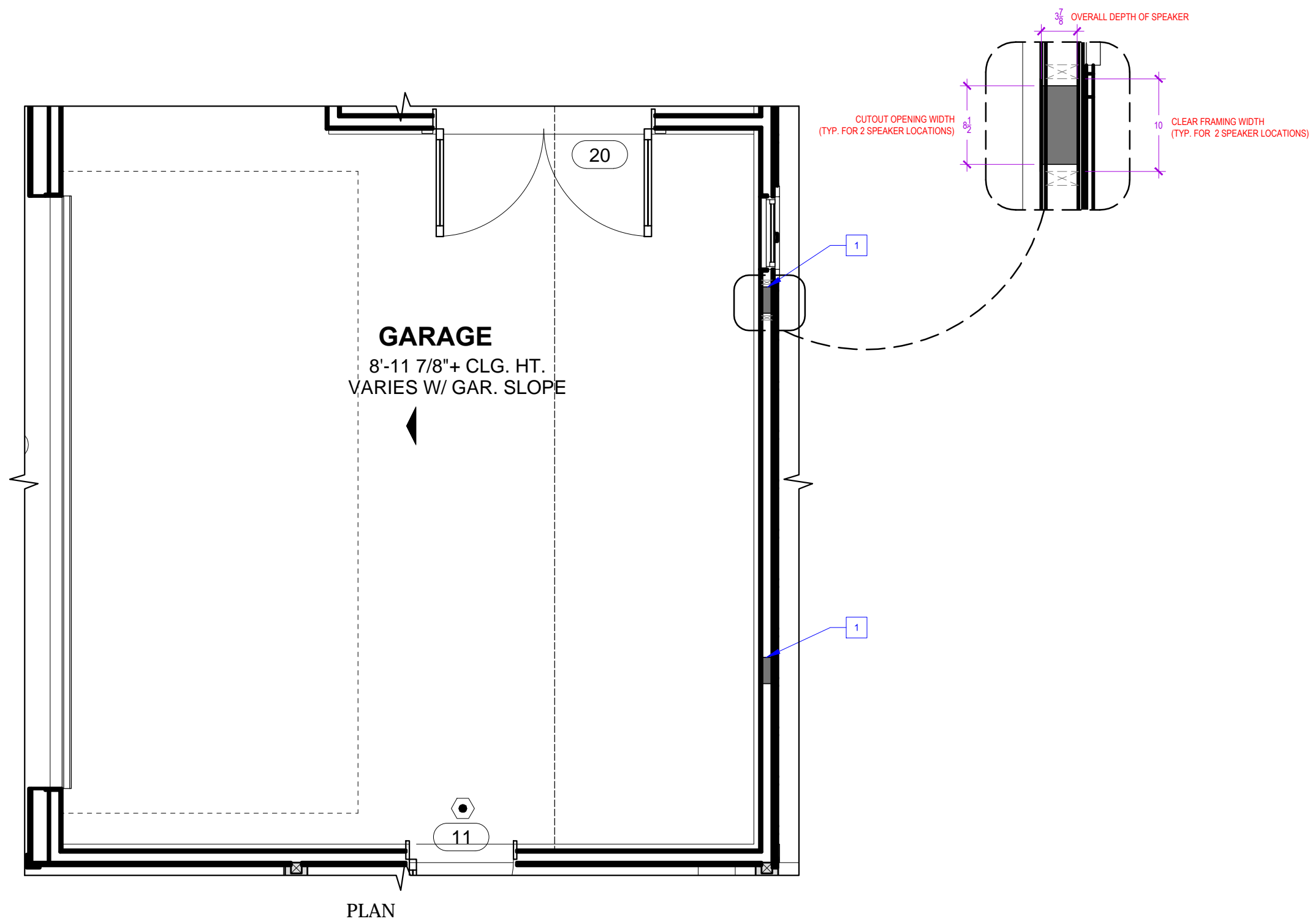
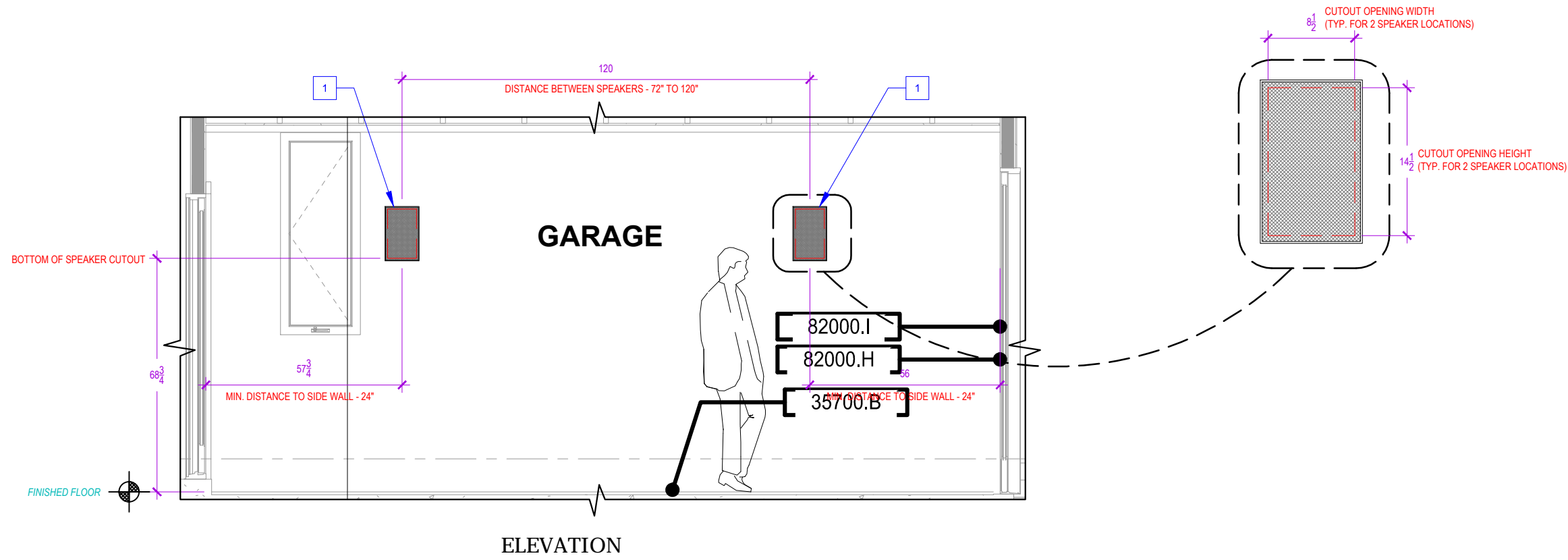
- 1 DISPLAY (SAMSUNG UN55F8000) & MOUNT (CHIEF LSTU) PROVIDED AND INSTALLED BY CANTARA. DISPLAY DIMENSIONS: 57"W x 33"H x 2-1/4"D (WITH MOUNT). WEIGHT OF DISPLAY & MOUNT - 70 LBS.
- 2 PAC 522 BACKBOX PROVIDED BY CANTARA AND INSTALLED BY GENERAL CONTRACTOR.
- 3 WISDOM AUDIO P4i IN WALL SPEAKERS PROVIDED AND INSTALLED BY CANTARA. GC TO PROVIDE 4-5/8"W x 30-7/8"H CUTOUT ON DRYWALL FOR MOUNTING OF SPEAKERS.
- 4 STRUCTURED WIRING PANEL PROVIDED & INSTALLED BY CANTARA.
- 5 EQUIPMENT RACK (MIDDLE ATLANTIC BGR 4527 LRD WITH SIDE PANELS & CASTER BASE) PROVIDED BY CANTARA.
- 6 WINDOW ACTUATOR POWER SUPPLY.
- 7 SHADES / KEYPAD POWER SUPPLY.
- 8 GC TO PROVIDE PLYWOOD BACKING FLUSHED ON FINISHED DRYWALL BEHIND DISPLAY. FINISH OF BACKING TO MATCH DRYWALL FINISH.

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- 1 WALL MOUNTED DISPLAY (SAMSUNG UN46F8000) & MOUNT (CHIEF RXF2) PROVIDED AND INSTALLED BY CANTARA. WEIGHT OF DISPLAY & MOUNT - 50 LBS.
- 2 DISPLAY BACK BOX (CHIEF PAC 522) PROVIDED AND INSTALLED BY CANTARA.
- 3 IN-WALL SPEAKER (WISDOM AUDIO P2, TYP. OF 2) PROVIDED AND INSTALLED BY CANTARA. GC TO PROVIDE 4-5/8"W x 18-7/8"H CUTOUT ON DRYWALL FOR MOUNTING OF SPEAKERS.
- 4 GC TO PROVIDE PLYWOOD BACKING FLUSHED WITH FINISHED DRYWALL BEHIND DISPLAY.

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1 SONANCE VP85 PROVIDED AND INSTALLED BY CANTARA. GC TO PROVIDE 8-1/2"W x 14-1/2"H CUTOUT ON DRYWALL FOR INSTALLATION OF SPEAKERS.

Honda Smart Home

Consultant  
**Jason Voorhees**  
jason@cantaradesign.com  
P 949.645.3684 ext. 111

Engineer  
**Kevin Steig**  
kevin@cantaradesign.com  
P 949.645.3684 ext. 110

Scale  
1/2" = 1'-0"

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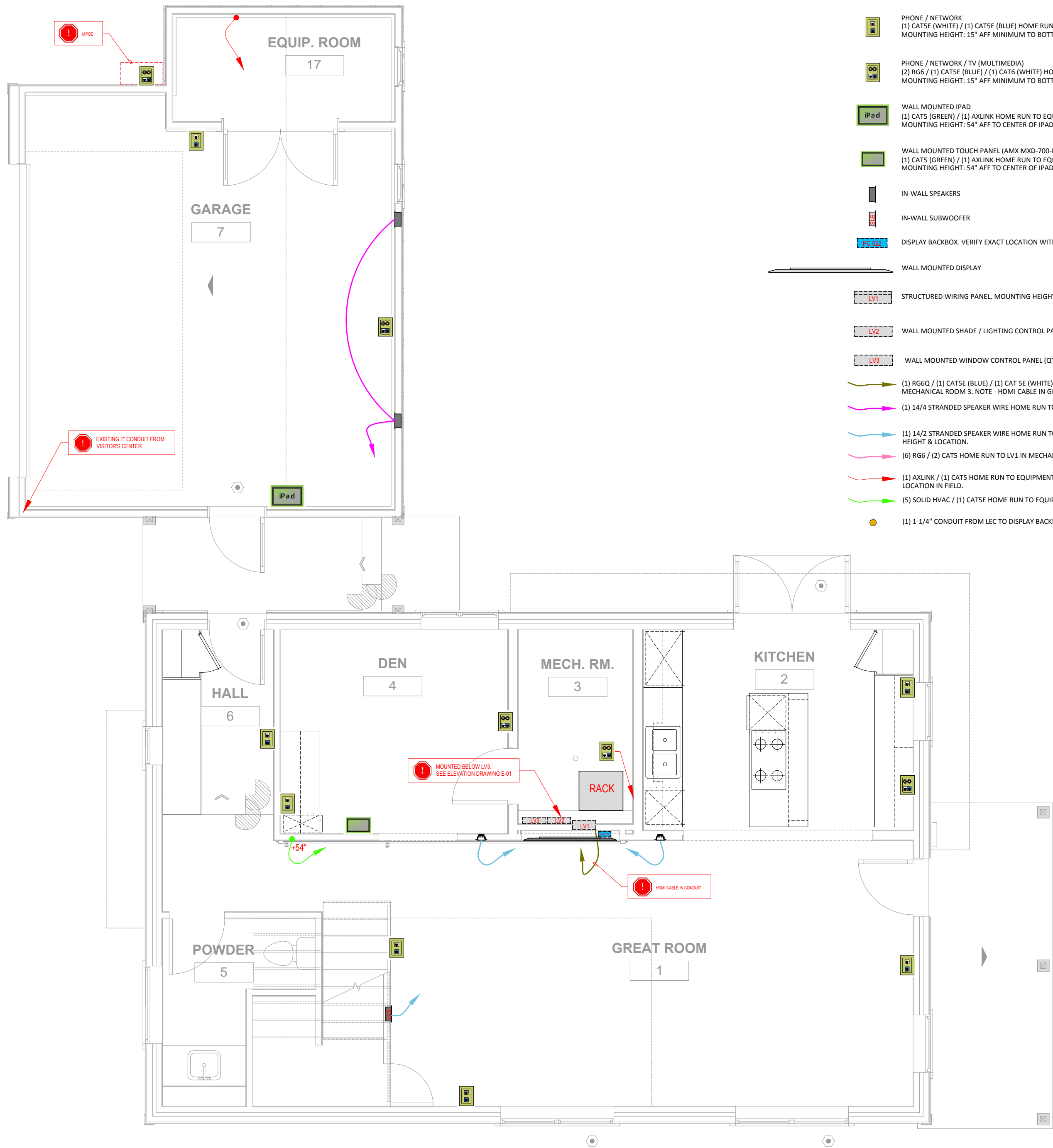
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C03

Sheet Title  
Garage  
AV Layout & Elevation

Sheet Number  
A-03



LEGEND

- PHONE / NETWORK  
(1) CAT5E (WHITE) / (1) CAT5E (BLUE) HOME RUN TO LV1 PANEL IN MECHANICAL ROOM 3.  
MOUNTING HEIGHT: 15" AFF MINIMUM TO BOTTOM OF PLATE - ALIGN WITH CONVENIENCE OUTLET/S IF POSSIBLE.
- PHONE / NETWORK / TV (MULTIMEDIA)  
(2) RG6 / (1) CAT5E (BLUE) / (1) CAT6 (WHITE) HOME RUN TO EQUIPMENT RACK IN MECHANICAL ROOM 3.  
MOUNTING HEIGHT: 15" AFF MINIMUM TO BOTTOM OF PLATE - ALIGN WITH CONVENIENCE OUTLET/S IF POSSIBLE.
- WALL MOUNTED IPAD  
(1) CAT5 (GREEN) / (1) AXLINK HOME RUN TO EQUIPMENT RACK IN MECHANICAL ROOM 3.  
MOUNTING HEIGHT: 54" AFF TO CENTER OF IPAD BACKBOX U.O.N.
- WALL MOUNTED TOUCH PANEL (AMX MXD-700-L)  
(1) CAT5 (GREEN) / (1) AXLINK HOME RUN TO EQUIPMENT RACK IN MECHANICAL ROOM 3.  
MOUNTING HEIGHT: 54" AFF TO CENTER OF IPAD BACKBOX U.O.N.
- IN-WALL SPEAKERS
- IN-WALL SUBWOOFER
- DISPLAY BACKBOX. VERIFY EXACT LOCATION WITH ELEVATION DRAWINGS.
- WALL MOUNTED DISPLAY
- STRUCTURED WIRING PANEL. MOUNTING HEIGHT - TBD
- WALL MOUNTED SHADE / LIGHTING CONTROL PANEL (LUTRON QSN-2ECO-PS120). MOUNTING HEIGHT - TBD
- WALL MOUNTED WINDOW CONTROL PANEL (QTY. - 1, SEE ELEVATION DRAWING SHEET E-01 FOR MOUNTING HEIGHT)
- (1) RG6Q / (1) CAT5E (BLUE) / (1) CAT 5E (WHITE) / (1) AQ FOREST HDMI 8.0M HOME RUN TO EQUIPMENT RACK IN MECHANICAL ROOM 3. NOTE - HDMI CABLE IN GREAT ROOM ONLY
- (1) 14/4 STRANDED SPEAKER WIRE HOME RUN TO EQUIPMENT RACK IN MECHANICAL ROOM 3. SEE SHEET A-03 FOR HEIGHT & LOCATION.
- (1) 14/2 STRANDED SPEAKER WIRE HOME RUN TO EQUIPMENT RACK IN MECHANICAL ROOM 3. SEE SHEET A-01 & A-03 FOR EXACT HEIGHT & LOCATION.
- (6) RG6 / (2) CAT5 HOME RUN TO LV1 IN MECHANICAL ROOM 3. VERIFY EXACT LOCATION WITH ARCHITECT.
- (1) AXLINK / (1) CAT5 HOME RUN TO EQUIPMENT RACK IN MECHANICAL ROOM 3 (EQUIPMENT POWER CONTROLLER). VERIFY EXACT LOCATION IN FIELD.
- (5) SOLID HVAC / (1) CAT5E HOME RUN TO EQUIPMENT RACK IN MECHANICAL ROOM 3 (THERMOSTAT / HUMIDITY SENSOR)
- (1) 1-1/4" CONDUIT FROM LEC TO DISPLAY BACKBOX PROVIDED BY ELECTRICIAN

3187-G Airway Ave., Costa Mesa, CA 92626  
Office 949.645.3684 Fax 949.645.8727  
www.cantaradesign.com

CA Contractor License #  
901897

Honda Smart Home

Consultant  
Jason Voorhees  
E jason@cantaradesign.com  
P 949.645.3684 ext. 113

Engineer  
Kevin Steig  
E kevin@cantaradesign.com  
P 949.645.3684 ext. 110

Scale  
3/8" = 1'-0"

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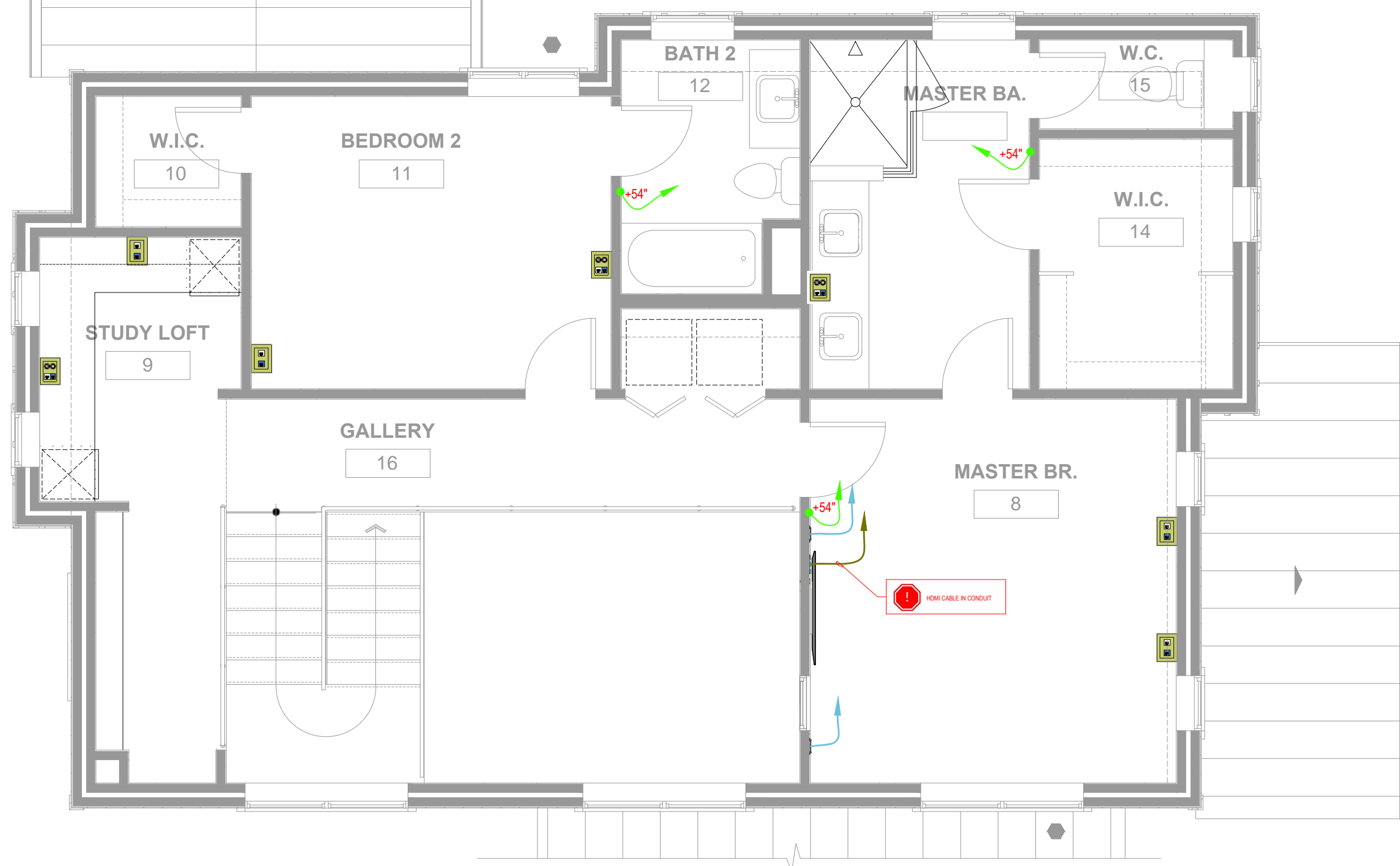
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CO3

Sheet Title  
First Floor  
AV Pre-Wire Layout

Sheet Number  
AV-1.1





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SLB



LV

# CANTARA



01897

# Honda Smart Home

ason Voorhees

949.645.3684 ext. 113

Kevin Steig

kevin@cantaradesign.com  
049 645 2684 ext. 110

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$$3/8'' = 1' - 0''$$

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510

Design Concept Set

Internal Review Set

Build Set for General Release

As-Built Set

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C03

## Test Title

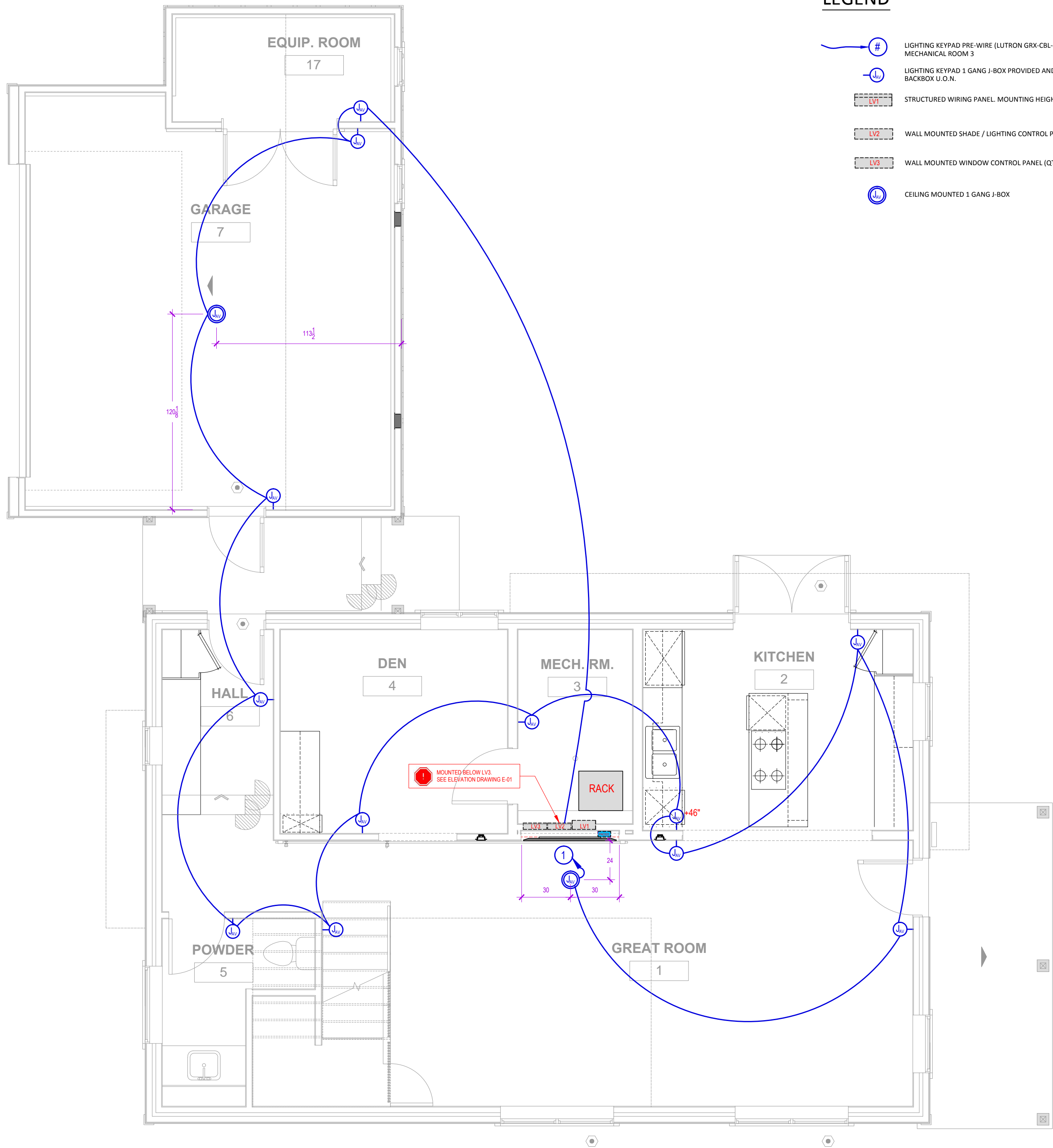
## Second Floor AV Pre-Wire Layout

et Number

AV-1.2

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LEGEND

- LIGHTING KEYPAD PRE-WIRE (LUTRON GRX-CBL-46L). HOME RUN TO LV2 LIGHTING KEYPAD WALL PANEL LOCATED IN MECHANICAL ROOM 3
- LIGHTING KEYPAD 1 GANG J-BOX PROVIDED AND INSTALLED BY CANTARA. MOUNTING HEIGHT: 54" AFF TO CENTER OF BACKBOX U.O.N.
- STRUCTURED WIRING PANEL. MOUNTING HEIGHT - TBD
- WALL MOUNTED SHADE / LIGHTING CONTROL PANEL (LUTRON QSN-2ECO-PS120). MOUNTING HEIGHT - TBD
- WALL MOUNTED WINDOW CONTROL PANEL (QTY. - 1, SEE ELEVATION DRAWING SHEET E-01 FOR MOUNTING HEIGHT)
- CEILING MOUNTED 1 GANG J-BOX

**CANTARA**

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901897

Honda Smart Home

Consultant  
**Jason Voorhees**  
E jason@cantaradesign.com  
P 949.645.3684 ext. 113

Engineer  
**Kevin Steig**  
E kevin@cantaradesign.com  
P 949.645.3684 ext. 110

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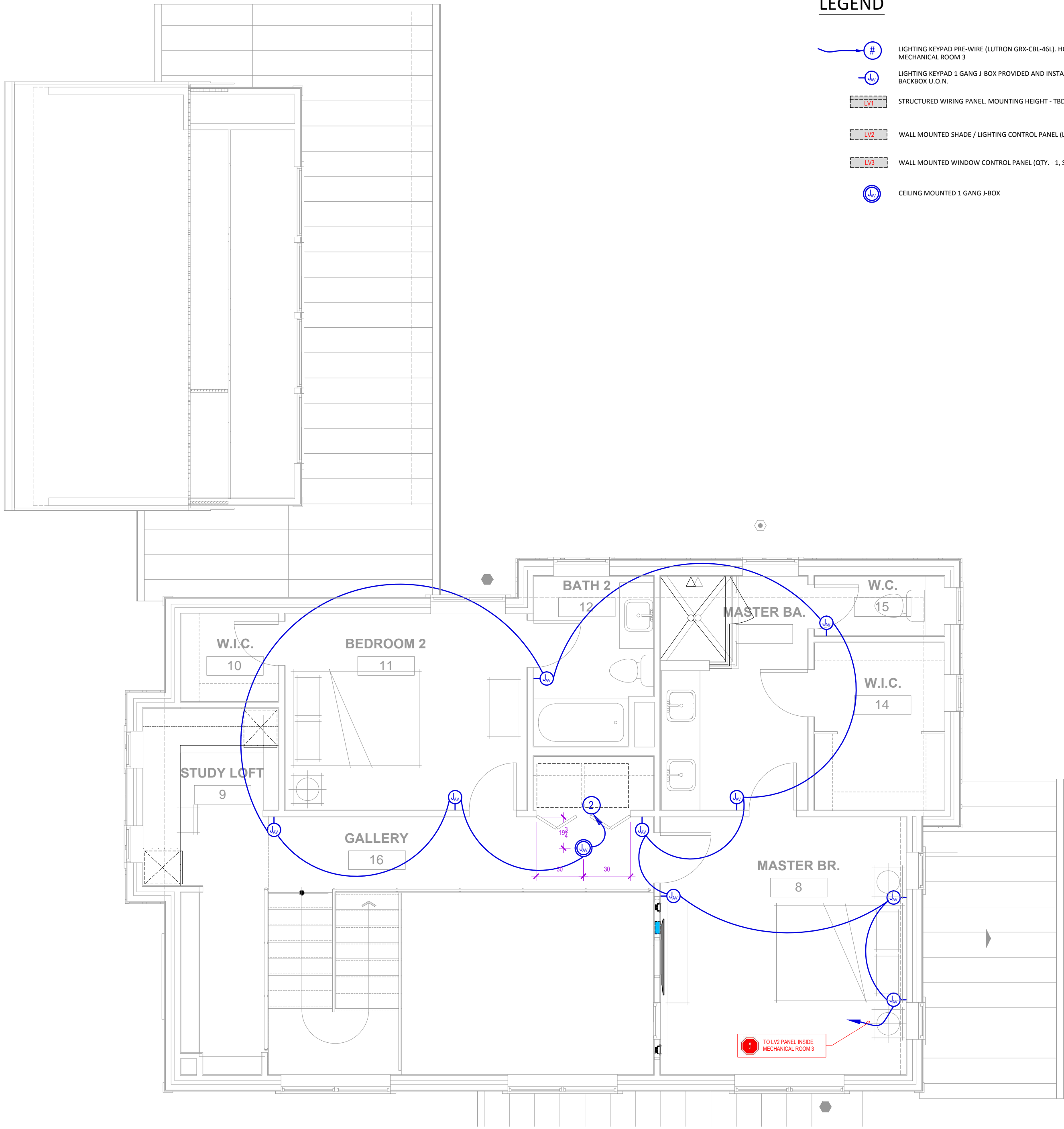
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Sheet Title  
First Floor  
Lighting Keypad  
Backbox & Pre-Wire Layout

Sheet Number  
AV-2.1


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LEGEND

- LIGHTING KEYPAD PRE-WIRE (LUTRON GRX-CBL-46L). HOME RUN TO LV2 LIGHTING KEYPAD WALL PANEL LOCATED IN MECHANICAL ROOM 3
- LIGHTING KEYPAD 1 GANG J-BOX PROVIDED AND INSTALLED BY CANTARA. MOUNTING HEIGHT: 54" AFF TO CENTER OF BACKBOX U.O.N.
- STRUCTURED WIRING PANEL. MOUNTING HEIGHT - TBD
- WALL MOUNTED SHADE / LIGHTING CONTROL PANEL (LUTRON QSN-2ECO-PS120). MOUNTING HEIGHT - TBD
- WALL MOUNTED WINDOW CONTROL PANEL (QTY. - 1, SEE ELEVATION DRAWING SHEET E-01 FOR MOUNTING HEIGHT)
- CEILING MOUNTED 1 GANG J-BOX



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901897

Honda Smart Home

Consultant  
Jason Voorhees  
E jason@cantaradesign.com  
P 949.645.3684 ext. 113

Engineer  
Kevin Steig  
E kevin@cantaradesign.com  
P 949.645.3684 ext. 110

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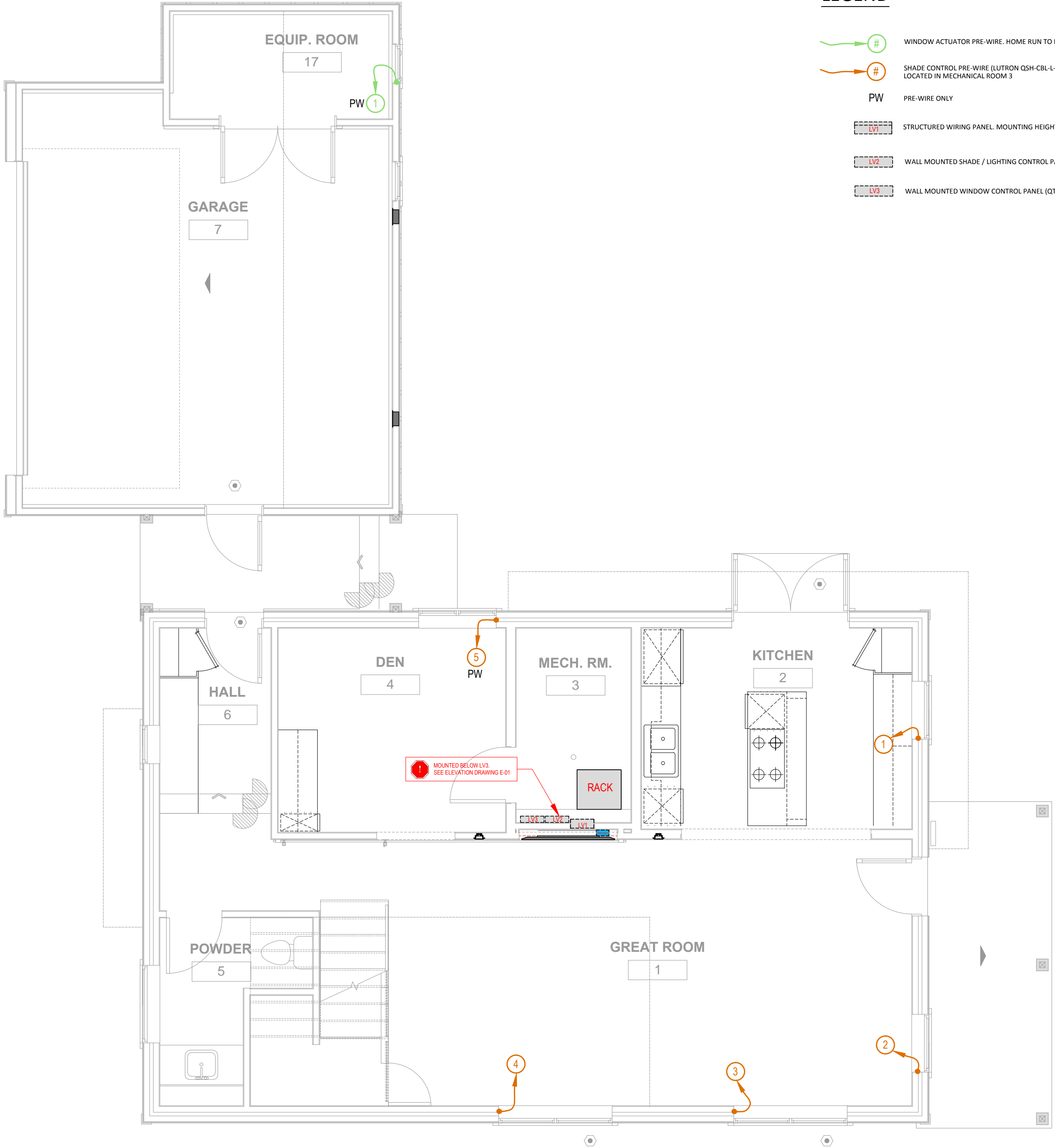
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CO3

Sheet Title  
Second Floor  
Lighting Keypad  
Backbox & Pre-Wire Layout

Sheet Number  
A-2.2



LEGEND

- WINDOW ACTUATOR PRE-WIRE: HOME RUN TO LV3 WINDOW CONTROL WALL PANEL LOCATED IN MECHANICAL ROOM 3
- SHADE CONTROL PRE-WIRE (LUTRON QSH-CBL-L-500), HOME RUN TO LV2 SHADE / KEYPAD CONTROL WALL PANEL LOCATED IN MECHANICAL ROOM 3
- PW PRE-WIRE ONLY
- STRUCTURED WIRING PANEL. MOUNTING HEIGHT - TBD
- WALL MOUNTED SHADE / LIGHTING CONTROL PANEL (LUTRON QSN-2ECO-PS120), MOUNTING HEIGHT - TBD
- WALL MOUNTED WINDOW CONTROL PANEL (QTY. - 1, SEE ELEVATION DRAWING SHEET E-01 FOR MOUNTING HEIGHT)



3187-G Airway Ave., Costa Mesa, CA 92626  
Office 949.645.3684 Fax 949.645.8727  
www.cantaraesign.com

CA Contractor license #

901897

Honda Smart Home

Consultant

Jason Voorhees  
E. jvoor@cantaraesign.com  
P. 949.645.3684 ext. 113

Engineer

Kevin Steig  
E. ksteig@cantaraesign.com  
P. 949.645.3684 ext. 110

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Work Order

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C03

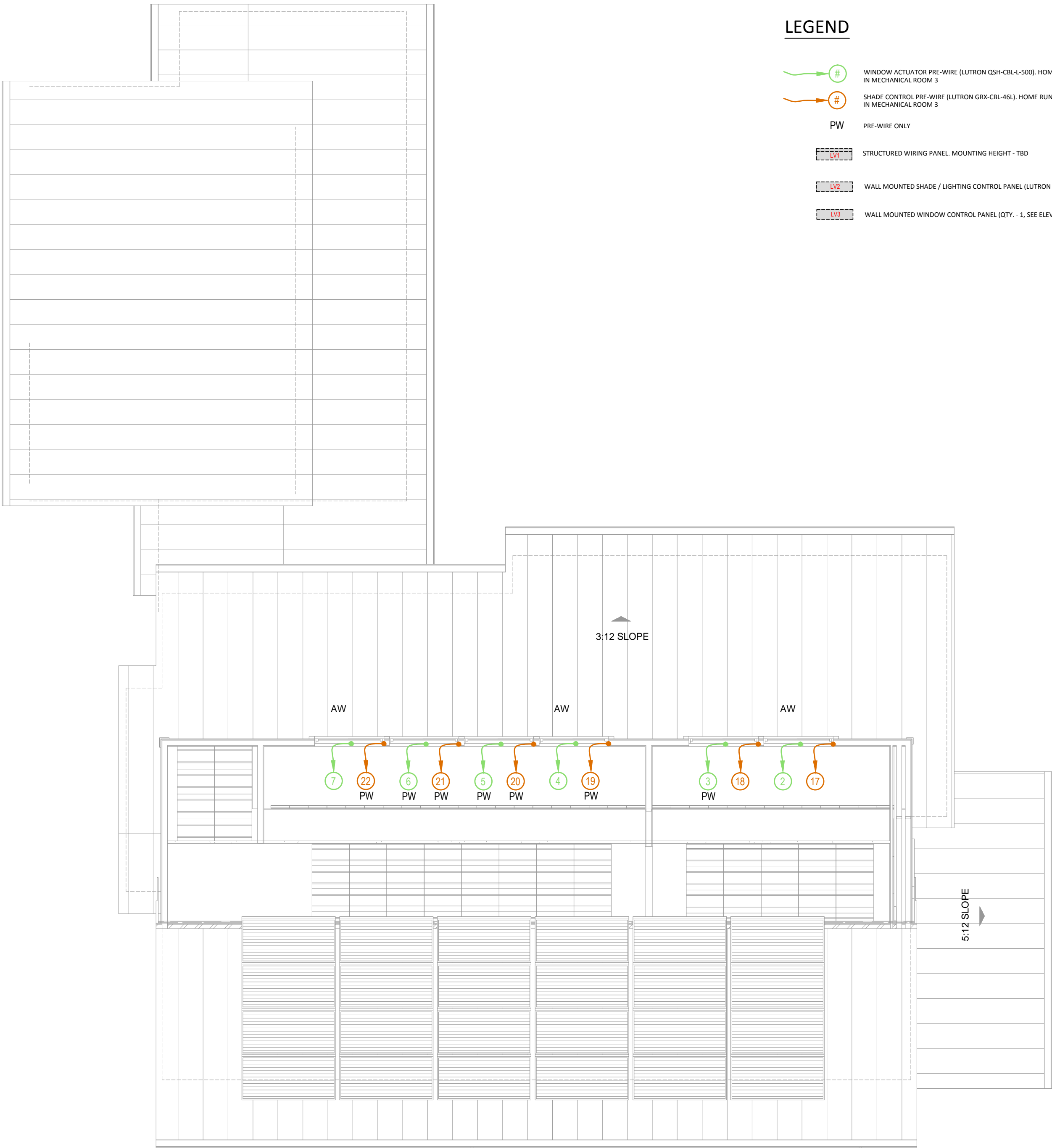
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First Floor  
Shade & Window Control  
Pre-Wire Layout

Sheet Number


AV-3.1





LEGEND

- WINDOW ACTUATOR PRE-WIRE (LUTRON QSH-CBL-L-500). HOME RUN TO LV3 WINDOW CONTROL WALL PANEL LOCATED IN MECHANICAL ROOM 3
- SHADE CONTROL PRE-WIRE (LUTRON GRX-CBL-46L). HOME RUN TO LV2 SHADE / KEYPAD CONTROL WALL PANEL LOCATED IN MECHANICAL ROOM 3
- PW** PRE-WIRE ONLY
- STRUCTURED WIRING PANEL. MOUNTING HEIGHT - TBD
- WALL MOUNTED SHADE / LIGHTING CONTROL PANEL (LUTRON QSN-2ECO-PS120). MOUNTING HEIGHT - TBD
- WALL MOUNTED WINDOW CONTROL PANEL (QTY. - 1, SEE ELEVATION DRAWING SHEET E-01 FOR MOUNTING HEIGHT)



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www.cantaraesign.com

CA Contractor license #  
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Honda Smart Home

Consultant  
Jason Voorhees  
E. jvoor@cantaraesign.com  
P. 949.645.3684 ext. 113

Engineer  
Kevin Steig  
E. ksteig@cantaraesign.com  
P. 949.645.3684 ext. 110

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Revisions  
No. Date Description

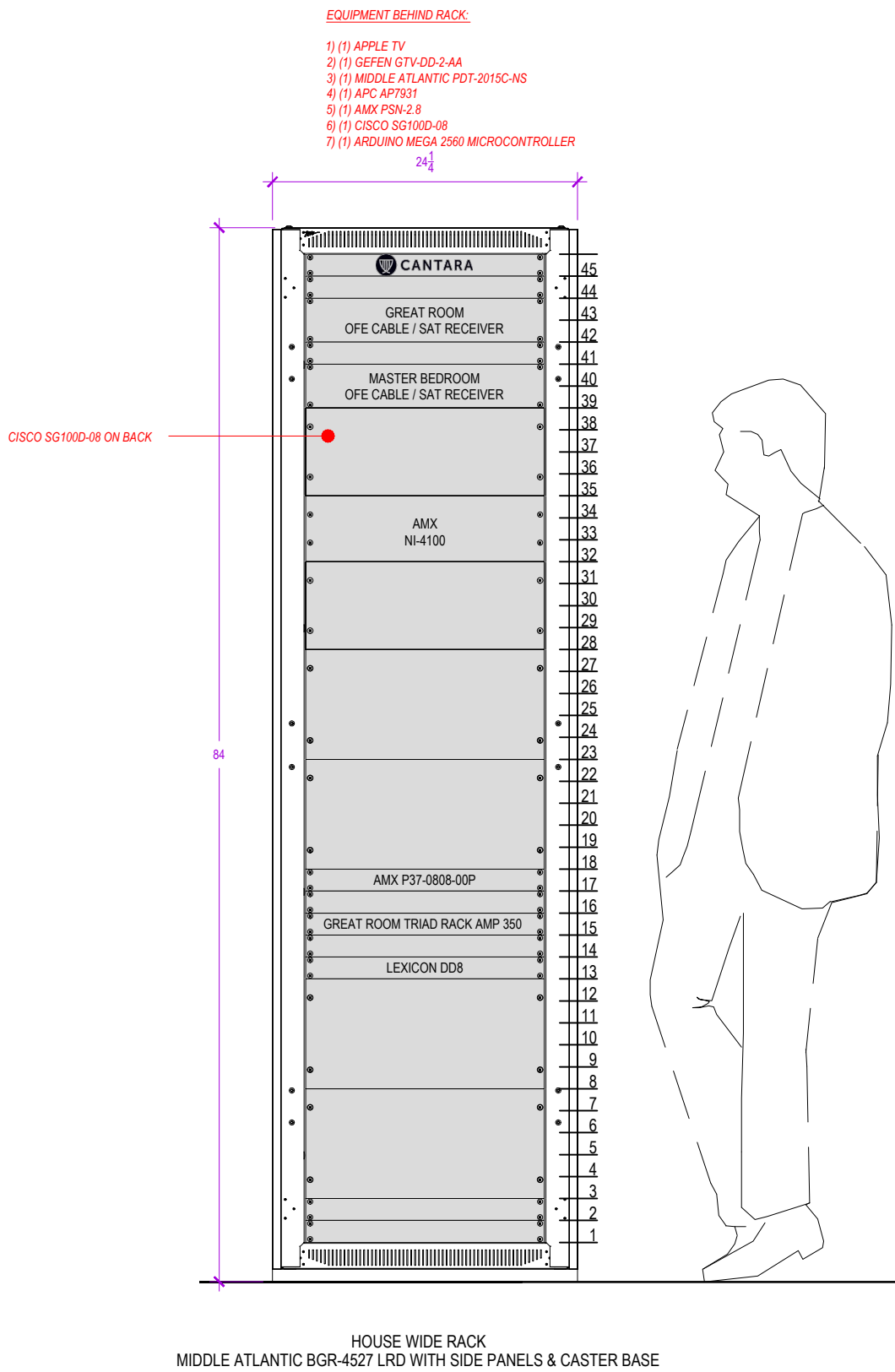
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Sheet Title  
Roof  
Shade & Window Control  
Pre-Wire Layout

Sheet Number  
AV-3.3





CANTARA

3197 - G Airway Ave., Costa Mesa, CA 92626  
Office 949.645.3684 Fax 949.645.8727  
www.cantaradesign.com

CA Contractor license #  
901897

Honda Smart Home

Consultant  
Jason Voorhees  
E. jason@cantaradesign.com  
P. 949.645.3684 ext. 113

Engineer  
Kevin Steig  
E. kevin@cantaradesign.com  
P. 949.645.3684 ext. 150

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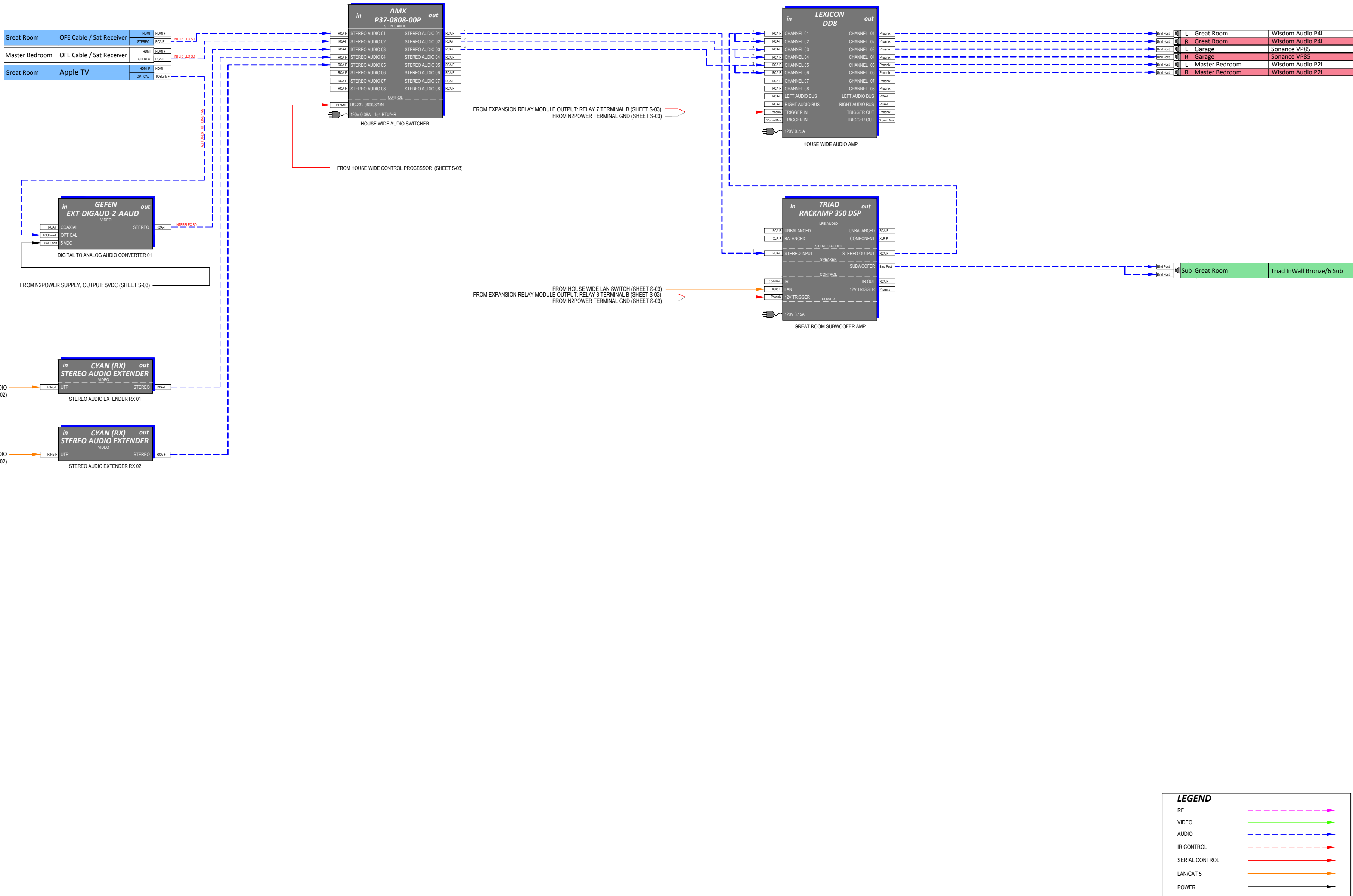
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Sheet Title  
House Wide Rack Elevation

Sheet Number  
E-01







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Office 949.645.3684 Fax 949.645.8727  
www.cantaradesign.com

CA Contractor license #  
901897

Honda Smart Home

Consultant  
Jason Voorhees  
E jvoorh@cantaradesign.com  
P 949.645.3684 ext. 133

Engineer  
Kevin Steig  
E ksteig@cantaradesign.com  
P 949.645.3684 ext. 130

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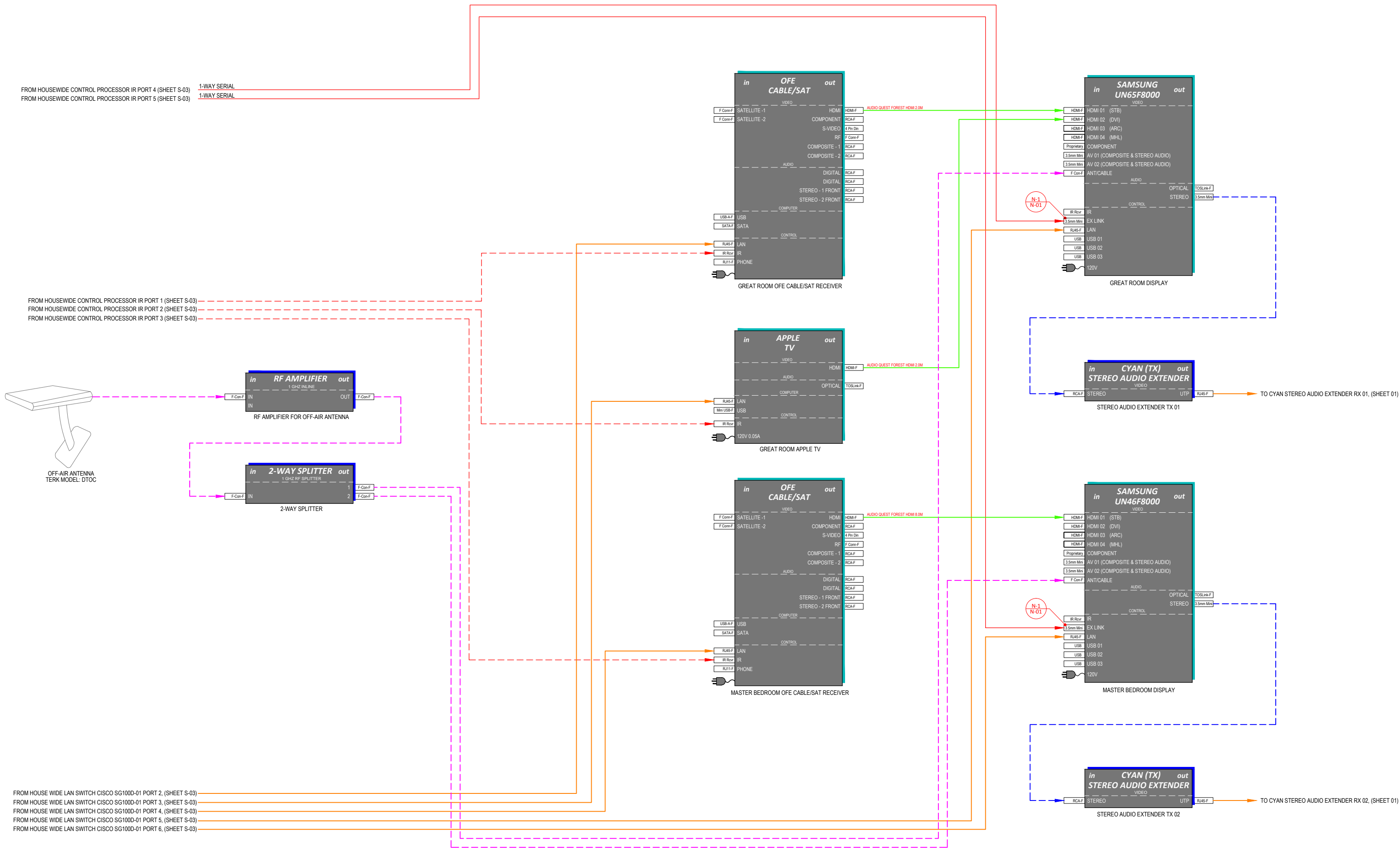
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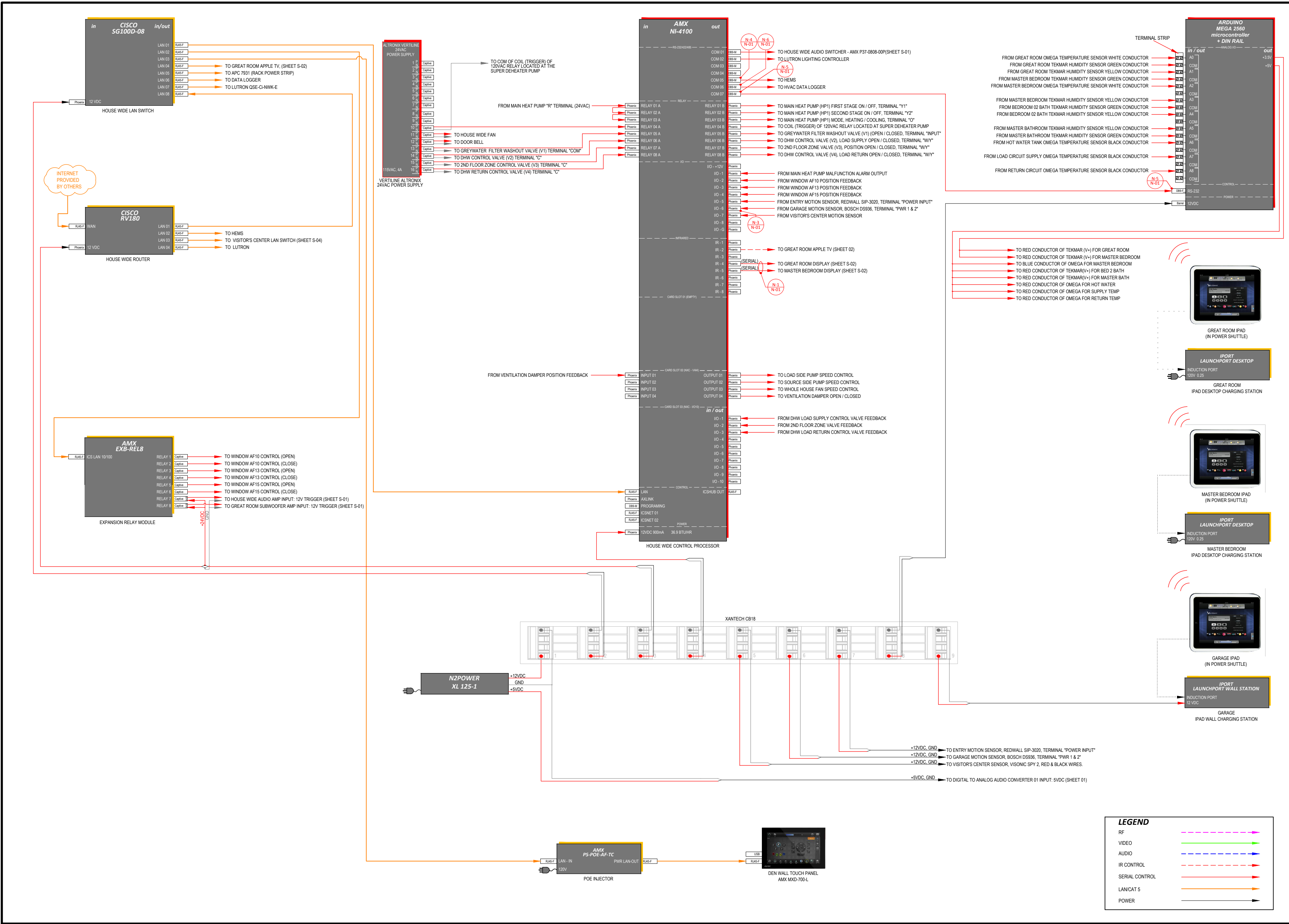
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Sheet Title  
House Wide Audio Schematic

Sheet Number  
S-01



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Consultant: **Jason Voorhees**  
E jason@cantaradesign.com P 949.645.3684 ext. 113

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E kevin@cantaradesign.com P 949.645.3684 ext. 110

Scale: N/A

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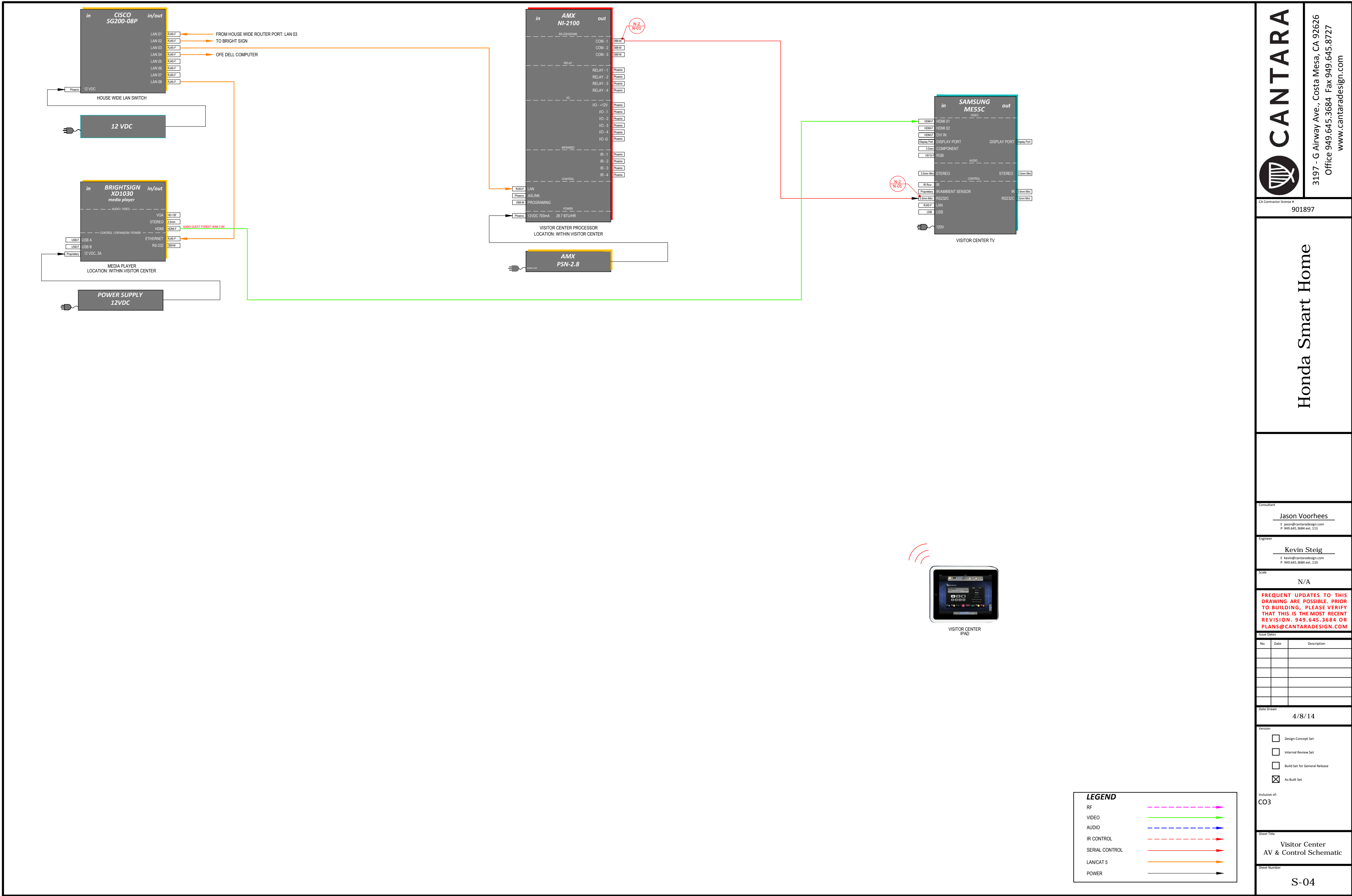
Version:  
☐ Design Concept Set  
☐ Internal Review Set  
☐ Build Set for General Release  
☒ As-Built Set

Inclusive of: C03


Sheet Title: **House Wide Control Schematic**

Sheet Number: **S-03**

These plans are NOT FOR CONSTRUCTION. These plans are REFERENCE ONLY for the Honda Smart Home project. An Architect of Record and an Engineer of Record will be required by the local governing jurisdiction to stamp and sign the construction documents if a similar house were to be built."



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**CANTARA**

3197 - G Airway Ave., Costa Mesa, CA 92626  
Office 949.645.3684 Fax 949.645.8727  
www.cantaradesign.com

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### Honda Smart Home

Consultant  
**Jason Voorhees**  
E. jason@cantaradesign.com  
P. 949.645.3684 ext. 110

Engineer  
**Kevin Steig**  
E. kevin@cantaradesign.com  
P. 949.645.3684 ext. 110

Scale  
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Version:

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- ☐ Internal Review Set
- ☐ Build Set for General Release
- ☒ As-Built Set

Inclusive of:  
CO3

Sheet Title: Visitor Center AV & Control Schematic

Sheet Number: S-04

WALL OUTLETS


EQUIPMENT PLUGGED IN TO WALL OUTLETS

| EQUIPMENT DESCRIPTION | MAX. CURRENT DRAW (AMPS) | POWER SOURCE      | CKT. NO. |
|-----------------------|--------------------------|-------------------|----------|
| (1) APC AP7931        | 9.81                     | WALL POWER OUTLET | 1        |
|                       |                          |                   |          |
|                       |                          |                   |          |
|                       |                          |                   |          |
|                       |                          |                   |          |
| TOTAL                 | 9.81                     |                   |          |

RACK POWER STRIP

EQUIPMENT PLUGGED IN TO APC AP7931

| EQUIPMENT DESCRIPTION                 | MAX. CURRENT DRAW (AMPS) | OUTLET NO. |
|---------------------------------------|--------------------------|------------|
| N2POWER XL 125-1                      | 0.63                     | 1          |
| AMX P37-0808-00P                      | 0.38                     | 2          |
| GREAT ROOM OFE CABLE/SAT RECEIVER     | 1.00                     | 3          |
| MASTER BEDROOM OFE CABLE/SAT RECEIVER | 1.00                     | 4          |
| APPLE TV                              | 0.05                     | 5          |
| CISCO S01000-08                       | 0.02                     | 6          |
| AMX PS-POE-AF-TC                      | 2.17                     | 7          |
| GEFEN GTV-DD-2-AA                     | 0.02                     | 8          |
| LEXICON DD8                           | 1.19                     | 9          |
| TRIAD RACK AMP 350                    | 3.15                     | 10         |
| AMX PS-POE-AF-TC                      | 0.07                     | 11         |
|                                       |                          | 12         |
|                                       |                          | 13         |
|                                       |                          | 14         |
|                                       |                          | 15         |
|                                       |                          | 16         |
| TOTAL                                 | 9.68                     |            |



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3197 - G Airway Ave., Costa Mesa, CA 92626  
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901897

Honda Smart Home

Consultant  
Jason Voorhees  
© jason@cantaradesign.com  
P 949.645.3684 ext. 113

Engineer  
Kevin Steig  
© kevin@cantaradesign.com  
P 949.645.3684 ext. 110

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Date Drawn  
4/8/14

Version  

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☐ Build Set for General Release

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Inclusive of:  
C03

Sheet Title  
Power Schedule

Sheet Number  
P-01



