



PROJECT NAME

31 Tower Lane Chilmark, MA

PROJECT INFORMATION

The Project at 31 Tower Lane, developed by Bluehawk Investments, LLC, will include various categories of low voltage systems. These systems may include voice and data, audio and video, security, lighting control, motorized shades, and integrated overlay control systems.

The drawings and tables on the following pages represent a schematic design for some or all of these systems, and are meant solely to illustrate the potential types, quantities and locations of the significant electronic components that may be included in the project. All products shown, and all associated product guidelines for space, clearance, power, heat loads, and conduit requirements are schematic only, not for construction, may not be the final products selected for the project, and are intended for initial planning purposes only.

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Revision Number: 1.0

PROJECT OVERVIEW

T1.000

Sheet No. T1.000

AUDIO & VIDEO

Sony 75" XR-75X90J



75", 4K Ultra HD Television

Mfg / Model No. N/A

IMAGE UNAVAILABLE

Pre-wired Video Outlet (4x Cat6A; 1x RG6 quad; 1x MMF)

Sonance VP68R



In-Ceiling Speaker - 9-3/4"

Sonance R1



In-Wall LCR Speaker

Sonance VP85 W



In-Wall Subwoofer

James SA63-4



In-Ceiling Speaker - 3", Small Aperture

James OW52Q-M



Outdoor Surface Mounted Speaker

James AT42-70



4" 2-Way All-Terrain Landscape Speaker

James ST12-70



Outdoor Subwoofer - Landscape

TV SIZES BY ROOM

ROOM NAME & NO.	ICON(S)	TV SIZE (DIAG.)	(W x H x D) ¹	SPEAKER BAR? ² (Y/N)	MOUNTING TYPE	OPTIMAL C _e HEIGHT ³	PRIM. VIEWING POS.
REC. ROOM / HOME THEATER 4		75" TV	66" x 37.88" x 2.88"	N	WALL-MOUNT	TBD	SEATED
GYM 5		VIDEO OUTLET ⁴	N/A	N/A	WALL-MOUNT	MATCH ADJACENT ELEC. OUTLET	N/A
BEDROOM 14		VIDEO OUTLET ⁴	N/A	N/A	WALL-MOUNT	MATCH ADJACENT ELEC. OUTLET	N/A
BEDROOM 17		VIDEO OUTLET ⁴	N/A	N/A	WALL-MOUNT	MATCH ADJACENT ELEC. OUTLET	N/A
BEDROOM 17		VIDEO OUTLET ⁴	N/A	N/A	WALL-MOUNT	MATCH ADJACENT ELEC. OUTLET	N/A

- NOTES:
- TV SIZES & DIMENSIONS ARE SUBJECT TO CHANGE. FINAL SPECIFICATIONS TO BE COORDINATED BETWEEN SELECTED LOW VOLTAGE SUBCONTRACTOR, PROJECT ARCHITECT & GENERAL CONTRACTOR
 - ATTACHED SPEAKER BAR TYPICALLY INCREASES TOTAL 'TV-ASSEMBLY' HEIGHT BY APPROXIMATELY 7", FINAL REQUIREMENTS TO BE CONFIRMED BASED UPON FINAL SPEAKER BAR MAKE & MODEL NO.
 - IDEAL HEIGHT FOR VIEWING COMFORT, ARCHITECTURAL REQUIREMENTS MAY REQUIRE ADJUSTMENTS
 - VIDEO OUTLET TO BE INSTALLED DOWN LOW AT BASEBOARD - SELECTED LOW VOLTAGE SUBCONTRACTOR TO COORDINATE VIDEO OUTLET INSTALLATION DETAILS & PLATE FINISH WITH PROJECT ARCHITECT & GENERAL CONTRACTOR

GENERAL NOTES:

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- COORDINATE ALL FINAL EQUIPMENT LOCATIONS & INSTALLATION DETAILS WITH THE PROJECT ARCHITECT & GENERAL CONTRACTOR.
- SEE ARCHITECTURAL DRAWINGS FOR MORE INFORMATION REGARDING PARTITION & CEILING TYPES.

REQUIREMENTS LEGEND:

- REQUIRES 120V TECHNICAL POWER OUTLET
- REQUIRES (1) 20A/120V DEDICATED CIRCUIT (PER RACK OR PANEL)
- REQUIRES HARD-WIRED DATA NETWORK CONNECTION
- REQUIRES MULTIPLE HARD-WIRED DATA NETWORK CONNECTIONS
- REQUIRES WIRELESS DATA NETWORK CONNECTION
- REQUIRES CONDUIT ORIGINATING FROM SYSTEM HEADEND LOCATION

SHEET NOTES:


- 01 AVAILABLE IN VARIOUS FINISHES - FINAL REQS. TO BE COORDINATED W/ PROJECT TEAM

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CLICK ON DEVICE CARD FOR WEBLINK TO PRODUCT'S MFG PAGE


VOICE, DATA & INFRASTRUCTURE

Middle Atlantic BGR-45-27



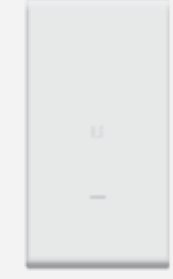
Equipment Rack - Fixed / Large

Ubiquiti UAP-HD



In-cabinet, WiFi 6 Wireless Access Point


Ubiquiti UAP-AC-M-PRO



Outdoor, WiFi 6 Wireless Access Point

Mfg / Model No. TBD


IMAGE UNAVAILABLE



Data Outlet

SAFETY & SECURITY


2N IP Verso



Access Control - Keypad / Intercom / Camera


LIGHTING CONTROL

Lutron 8 Module Panel




Lighting Control Headend Panel

Lutron SeeTouch 6BRL




Lighting Control Keypad

Lutron HQRD-PRO



Lighting Control Dimmer


Lutron HQRD-8ANS



Lighting Control Switch


MOTORIZED SHADES

Lutron QSPS-10PNL




10-Output Sivoia QS Shade Power Panel

Lutron Roller 64




Small - Single Roller Motorized Shade

Lutron Roller 100



Medium - Single Roller Motorized Shade

Phantom Screen / Model No. TBD









Medium - Motorized Bug Screen


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-  REQUIRES CONDUIT ORIGINATING FROM SYSTEM HEADEND LOCATION

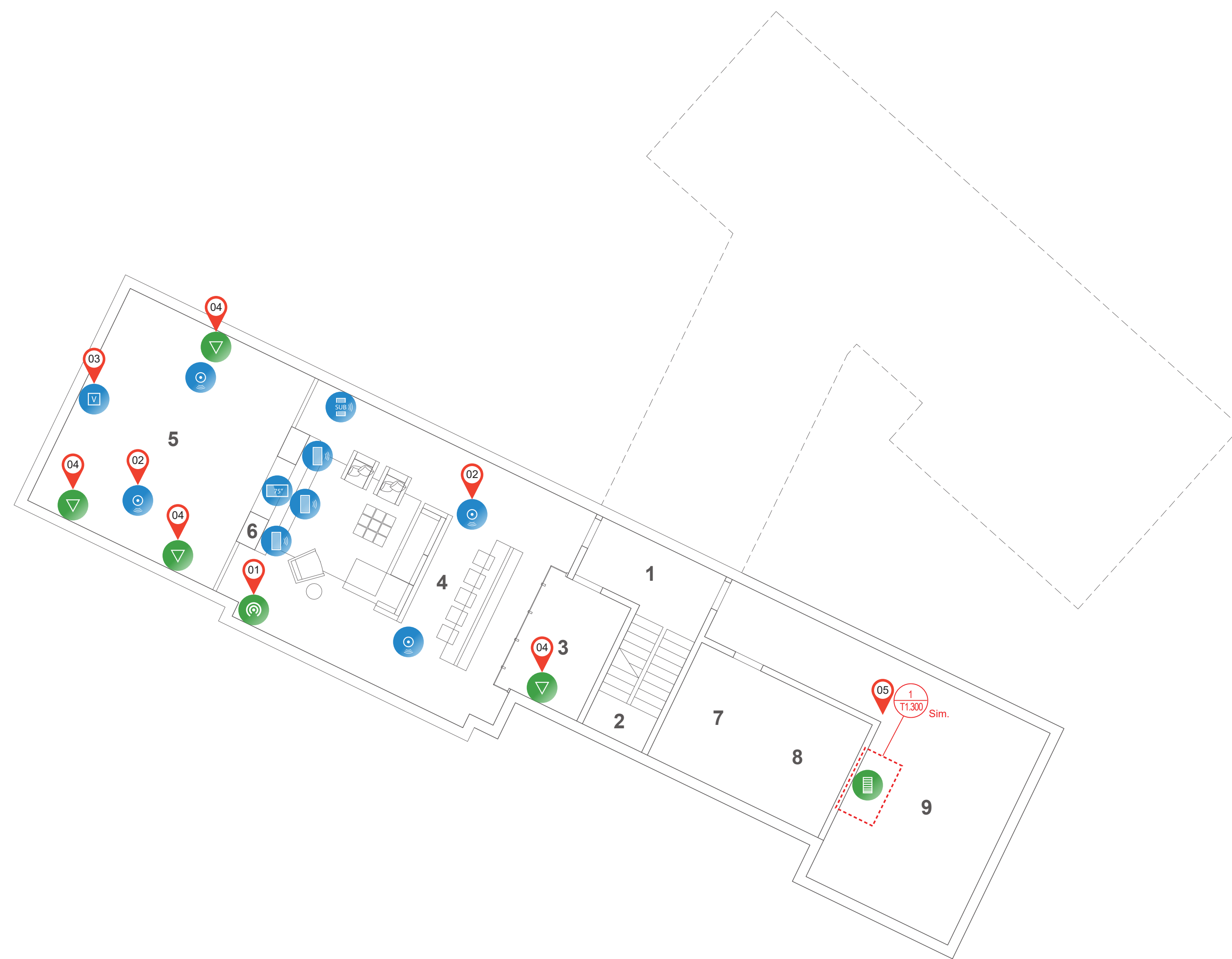
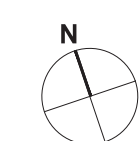
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CLICK ON DEVICE CARD FOR WEBLINK TO PRODUCTS MFG PAGE



- 1 CORRIDOR
- 2 STAIR
- 3 WINE CELLAR
- 4 RECREATION ROOM
- 5 HOME THEATER
- 6 GYM
- 7 FIREPLACE
- 8 BATHROOM
- 9 SECURE STORAGE MECHANICAL

SYMBOL LEGEND

- 75" DIAG. TV
- VIDEO OUTLET
- IN-CEILING SPEAKER - 9-3/4"
- IN-WALL LCR SPEAKER
- IN-WALL SUBWOOFER
- AV EQUIPMENT RACK
- INTERIOR WIRELESS ACCESS POINT
- DATA OUTLET

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SHEET NOTES:

- 01 WAP TO BE CONCEALED FROM PLAIN SIGHT - FINAL QTY & LOCATION TO BE CONFIRMED
- 02 IN-CEILING SPEAKERS IN BASEMENT TO BE 9-7/8" DIA., W/ TRIM, UNLESS OTHERWISE NOTED - SPEAKER TRIM & GRILLE FINISH TO BE COORDINATED W/ PROJECT ARCHITECT
- 03 VIDEO OUTLET TO ACCOMMODATE CONNECTIVITY TO FUTURE AND/OR OWNER-PROVIDED DEVICE
- 04 HARD-WIRED DATA OUTLET TO ACCOMMODATE CONNECTIVITY TO FUTURE AND/OR OWNER-PROVIDED DEVICE
- 05 THE CLEARANCE REQUIREMENTS SHOWN ON SHEET T1.300 DETAIL THE TYPICAL CONDITION & REQUIREMENTS ASSOCIATED WITH THE TYPE & QTY OF EQUIP RACKS IN THE SCOPE OF THIS PROJ. - ALL FINAL INSTALLATION SPECS ARE TO BE COORD. WITH THE ARCHITECT & GENERAL CONTRACTOR

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Date: 10.01.21 Scale: N.T.S.










Revision Number: 1.0

TECHNOLOGY DESIGN -
AV - BSMT FLOOR PLAN

Sheet Title
T1.200

Sheet No.

SYMBOL LEGEND

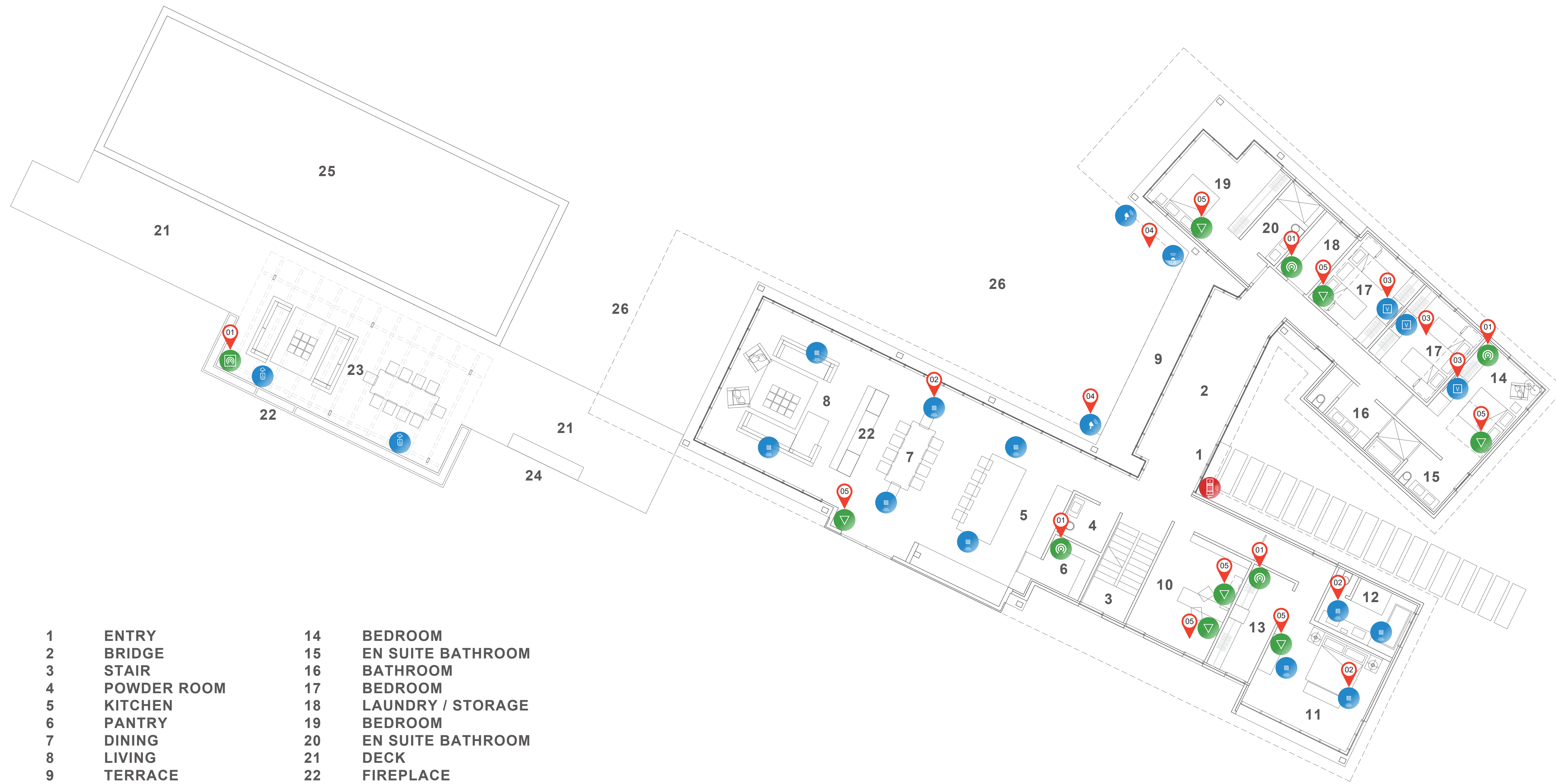
-  VIDEO OUTLET
-  IN-CEILING SPEAKER - 3"
-  EXT. SURFACE MOUNTED SPEAKER
-  LANDSCAPE SATELLITE SPEAKER
-  LANDSCAPE SUBWOOFER
-  INTERIOR WIRELESS ACCESS POINT
-  EXTERIOR WIRELESS ACCESS POINT
-  DATA OUTLET
-  ACCESS CONTROL ENTRY STATION

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3. SEE ARCHITECTURAL DRAWINGS FOR MORE INFORMATION REGARDING PARTITION & CEILING TYPES.

SHEET NOTES:

- 01** WAP TO BE CONCEALED FROM PLAIN SIGHT - FINAL QTY & LOCATION TO BE CONFIRMED
- 02** IN-CEILING SPEAKERS ON FIRST FLOOR TO BE 3" DIA., TRIMLESS, UNLESS OTHERWISE NOTED - SPEAKER GRILLE FINISH TO BE COORDINATED W/ PROJECT ARCHITECT
- 03** VIDEO OUTLET TO ACCOMMODATE CONNECTIVITY TO FUTURE AND/OR OWNER-PROVIDED DEVICE
- 04** FINAL LANDSCAPE SPEAKER & SUBWOOFER LOCATIONS TO BE COORD. WITH PROJECT TEAM
- 05** HARD-WIRED DATA OUTLET TO ACCOMMODATE CONNECTIVITY TO FUTURE AND/OR OWNER-PROVIDED DEVICE



1	ENTRY	14	BEDROOM
2	BRIDGE	15	EN SUITE BATHROOM
3	STAIR	16	BATHROOM
4	POWDER ROOM	17	BEDROOM
5	KITCHEN	18	LAUNDRY / STORAGE
6	PANTRY	19	BEDROOM
7	DINING	20	EN SUITE BATHROOM
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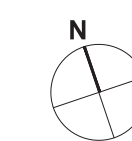
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TECHNOLOGY DESIGN -
AV - FIRST FLOOR PLAN

Sheet No. **T1.201**



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2. SEE ARCHITECTURAL DRAWINGS FOR MORE INFORMATION REGARDING PARTITION & CEILING TYPES.
3. ELECTRICAL & MECHANICAL LOAD REQUIREMENTS TBD DURING THE DD/CD PHASE OF THE TECHNOLOGY SYSTEMS DESIGN (IF APPLICABLE) & COORDINATED W/ THE PROJECT ARCHITECT & MEP ENGINEER.

SHEET NOTES:

- 01 23"W X 82-7/8"H X 27"D AV EQUIPMENT RACK ENCLOSURE, 45RU AVAILABLE, SEE PLAN FOR QUANTITY
- 02 3'-0" CLEAR REQUIRED AT FRONT, REAR & SIDE OF RACK ENCLOSURE(S) TO FACILITATE INSTALLATION & MAINTENANCE OF RACK(S)
- 03 OVERHEAD CABLE CONVEYANCE REQUIREMENTS TO BE COORDINATED BETWEEN SELECTED LOW VOLTAGE SUBCONTRACTOR, GENERAL CONTRACTOR & ELECTRICAL CONTRACTOR
- 04 ACOUSTIC ISOLATION REQUIREMENTS INCLUDING, BUT NOT LIMITED TO, STC RATING OF SPECIFIED CLOSET DOOR(S) TO BE COORDINATED BETWEEN SELECTED LOW VOLTAGE SUBCONTRACTOR, PROJECT ARCHITECT, ACOUSTIC CONSULTANT (IF APPLICABLE), & GENERAL CONTRACTOR

SYMBOL LEGEND:

- 0# SHEET NOTE
- # ELEVATION
- T# ### SHEET NO.

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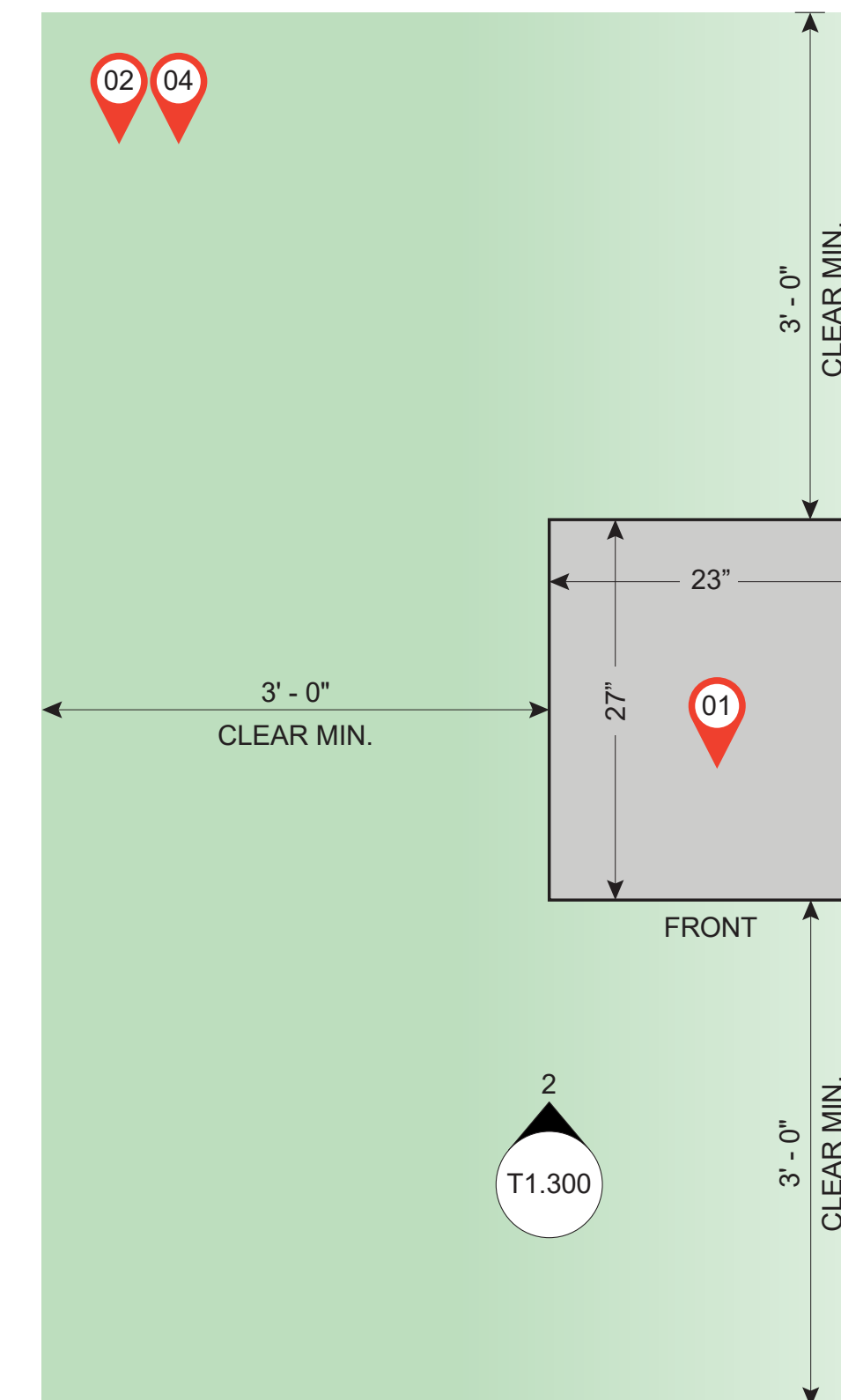
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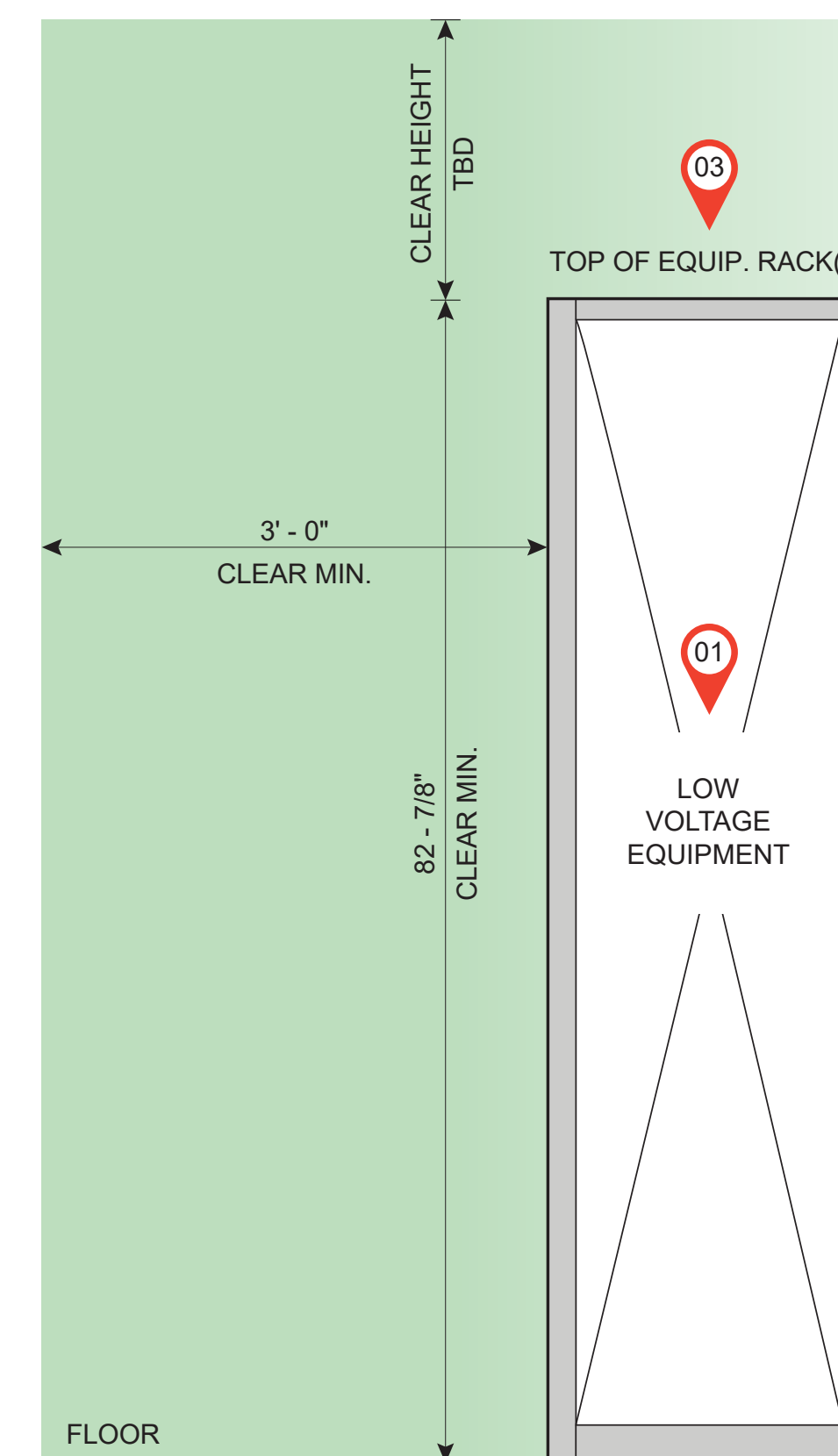
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AV EQUIPMENT RACK CLEARANCE REQS.

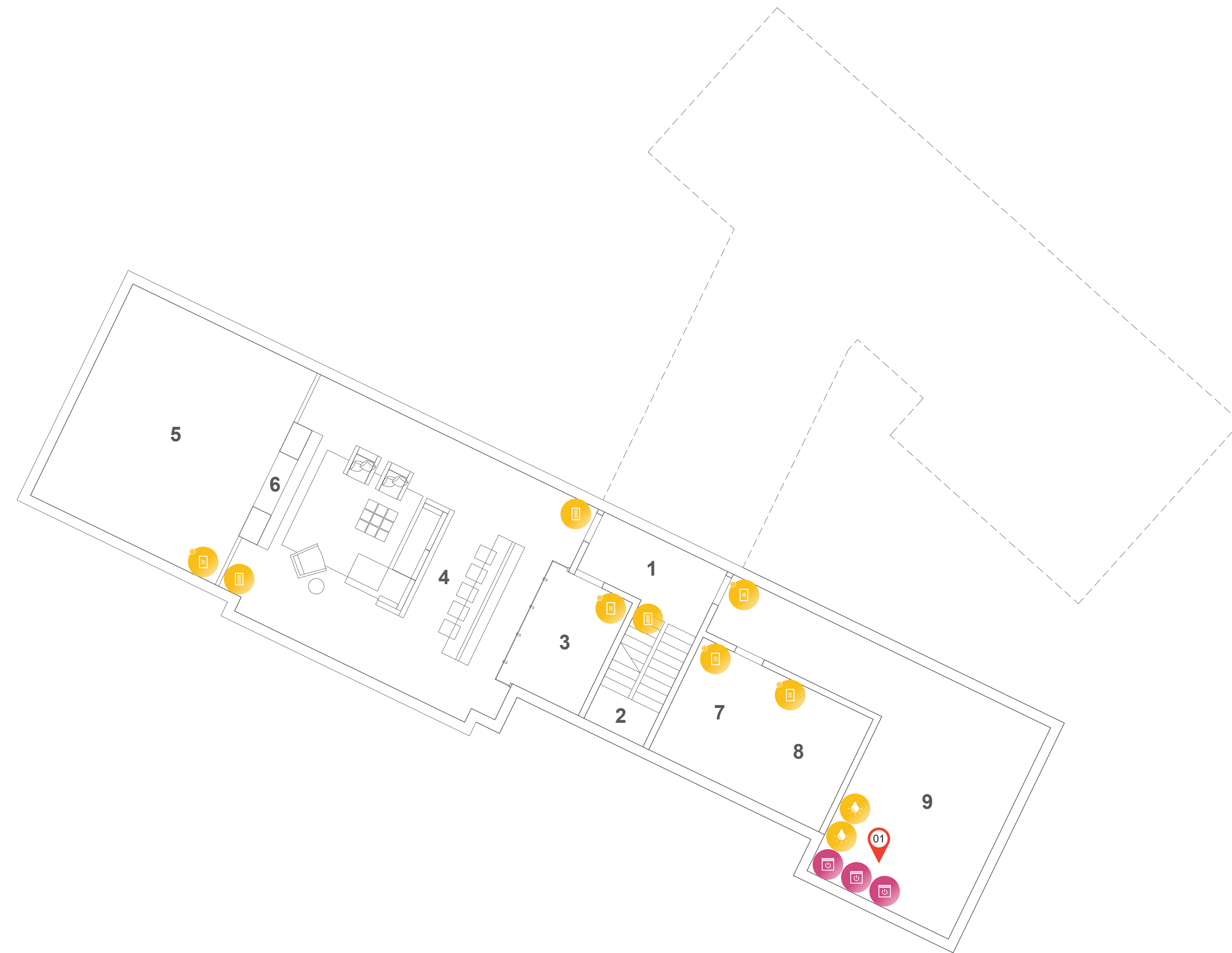
T1.300



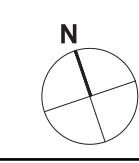
1 AV EQUIPMENT RACK CLEARANCE REQUIREMENTS - PLAN







2 AV EQUIPMENT RACK CLEARANCE REQUIREMENTS - ELEVATIONS



- 1 CORRIDOR
- 2 STAIR
- 3 WINE CELLAR
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- 5 HOME THEATER
- 6 GYM
- 7 FIREPLACE
- 8 BATHROOM
- 9 SECURE STORAGE
- MECHANICAL



SYMBOL LEGEND

-  LIGHTING CONTROL PANEL
-  LIGHTING CONTROL KEYPAD
-  LIGHTING CONTROL DIMMER
-  MOTORIZED SHADE PANEL

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SHEET NOTES:

- 01 FINAL LIGHTING CONTROL & SHADE PANEL LOCATIONS TO BE COORD. WITH PROJECT TEAM

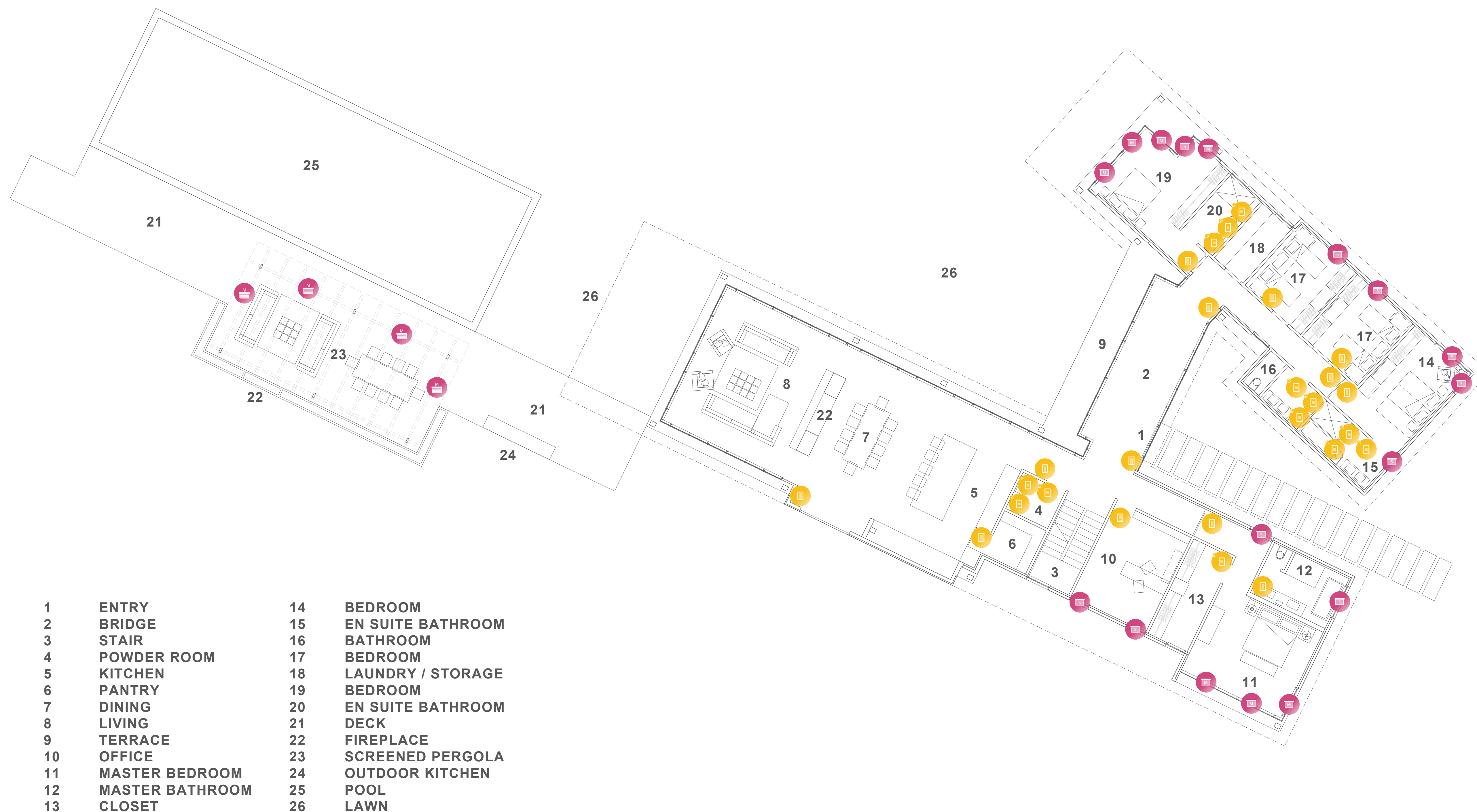
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SYMBOL LEGEND

-  LIGHTING CONTROL KEYPAD
-  LIGHTING CONTROL DIMMER
-  LIGHTING CONTROL SWITCH
-  MOTORIZED SHADE - SMALL
-  MOTORIZED SHADE - MEDIUM
-  MOTORIZED BUG SCREEN - MEDIUM

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