

AV ABBREVIATIONS

| | |
|---------|--------------------------|
| A.F.C. | ABOVE FINISHED CEILING |
| A.F.F. | ABOVE FINISHED FLOOR |
| AMP | AMPERE |
| A/R | AS REQUIRED |
| ARCH'L | ARCHITECTURAL |
| ARCH'T | ARCHITECT |
| A.V.C. | AUDIOVISUAL CONTRACTOR |
| AV | AUDIOVISUAL |
| BLDG. | BUILDING |
| C. | (EMPTY) CONDUIT |
| CKT. | CIRCUIT |
| C.L. | CENTERLINE |
| D.G. | DEDICATED GROUND |
| DIST. | DISTANCE |
| DN | DOWN |
| DP. | DEEP (DEPTH) |
| (E) | EXISTING |
| E.C. | ELECTRICAL CONTRACTOR |
| ELECT'L | ELECTRICAL |
| ETC. | ET CETERA (AND SO FORTH) |
| FLR | FLOOR |
| G.C. | GENERAL CONTRACTOR |
| HT. | HEIGHT |
| I.G. | ISOLATED GROUND |
| L | LEFT |
| L | LONG (LENGTH) |
| LAN | LOCAL AREA NETWORK |
| MAX. | MAXIMUM |
| MIN. | MINIMUM |
| MTD. | MOUNTED |
| NET | NETWORK |
| N.T.S. | NOT TO SCALE |
| PWR | POWER |
| QTY. | QUANTITY |
| R&S | RING AND STRING |
| R | RIGHT (LOCATION) |
| SPKR | SPEAKER (LOUDSPEAKER) |
| STD. | STANDARD |
| T.B.D. | TO BE DETERMINED |
| TYP. | TYPICAL |
| U.O.N. | UNLESS OTHERWISE NOTED |
| V | VOLT (VOLTAGE) |

AV ELECTRICAL SYMBOLS LEGEND

THE FOLLOWING SPECIAL ELECTRICAL BOXES/DEVICES SHALL BE FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR, UNLESS NOTED OTHERWISE:

| ELECTRICAL SYMBOLS: | | | | | |
|---------------------|----------------------------------|--|---|--|-----------------------------------|
| SYMBOL | DEVICE | MOUNTING HEIGHT | BOX SIZE | CONDUIT | NOTES |
| | LED SCREEN J-BOX | REFER TO AV DRAWINGS FOR MOUNTING HEIGHT | STANDARD GANG BOX, 2-1/2"D, WITH MULTI-GANG COVER PLATE | REFER TO AV DRAWINGS FOR CONDUIT SIZING PROVIDE PULL STRINGS IN ALL CONDUITS | SUBNUMBER INDICATES GANG SIZE |
| | HD CAMERA J-BOX TYPE 1 | BASE BUILDING ELECTRICAL OUTLET HEIGHT [UON] | CUSTOM BOX PROVIDED BY AVIDEX 9.25"H x 14.7"W x 3.94"D | REFER TO AV DRAWINGS FOR CONDUIT SIZING PROVIDE PULL STRINGS IN ALL CONDUITS | PART# 999-2225-014 WWW.AVIDEX.COM |
| | DUPLEX AC OUTLET | BASE BUILDING ELECTRICAL OUTLET HEIGHT [UON] | 4" SQ x 2-1/2"D ELECTRICAL BOX | | 120V/15AMPS [UON] |
| | QUADPLEX AC OUTLET | BASE BUILDING ELECTRICAL OUTLET HEIGHT [UON] | 4" SQ x 2-1/2"D ELECTRICAL BOX | | 120V/15AMPS [UON] |
| | CONTROL PANEL | BASE BUILDING SWITCH HEIGHT [UON] | | REFER TO AV DRAWINGS FOR CONDUIT SIZING PROVIDE PULL STRINGS IN ALL CONDUITS | MOUNTING KIT PROVIDED BY AVIDEX |
| | CEILING SPEAKER | MOUNTED SEMI-FLUSH TO FINISHED CEILING | | | |
| | CEILING MICROPHONE | SUSPENDED BELOW FINISHED CLG. | | | |
| | QUADPLEX AC OUTLET | WITHIN TABLE LEG | 4" SQ x 2-1/2"D ELECTRICAL BOX | | 120V/15AMPS [UON] |
| | CONDUIT STUB-UP WITHIN TABLE LEG | | | REFER TO AV DRAWINGS FOR CONDUIT SIZING PROVIDE PULL STRINGS IN ALL CONDUITS | |

AV ARCHITECTURAL NOTES

- VERIFY ALL SIZES, DIMENSIONS, AND LOCATIONS WITH THE ARCHITECTURAL DRAWINGS. WHERE DISCREPANCIES OCCUR, THE ARCHITECTURAL DRAWINGS TAKE PRECEDENCE.
- ALL AUDIOVISUAL EQUIPMENT - EXCEPT AV EQUIPMENT FURNISHED BY AUDIOVISUAL CONTRACTOR AND INSTALLED BY THE GENERAL/ELECTRICAL CONTRACTORS - IS FOR REFERENCE ONLY. UNLESS NOTED OTHERWISE, AUDIOVISUAL EQUIPMENT SHALL BE FURNISHED AND INSTALLED BY THE A.V.C., NOT THE G.C.; CONFIRM NO JURISDICTIONAL PROBLEMS.
- ALL CONSTRUCTION WORK SHOWN ON THESE DRAWINGS SHALL BE BY THE GENERAL CONTRACTOR, U.O.N.
- WHERE EXACT DIMENSIONS ARE NOT INDICATED ON THESE DRAWINGS, THE DRAWING MAY BE SCALED APPROPRIATELY FOR DETERMINING APPROXIMATE LOCATIONS OF EQUIPMENT.

AUDIOVISUAL SYSTEM DRAWING INDEX

- AV-0.00 AV SYSTEMS - NOTES, SYMBOLS, AND ABBREVIATIONS
- AV-0.01 AV SYSTEMS - KEY PLAN
- AV-1.00 AV SYSTEMS - VIDEO CONFERENCE ROOM [NORTH]
- AV-1.01 AV SYSTEMS - VIDEO CONFERENCE ROOM [SOUTH]
- AV-1.02 AV SYSTEMS - IT ROOM

AV ELECTRICAL NOTES (TYPICAL)

- ALL ELECTRICAL WORK SHOWN ON THE AUDIOVISUAL SYSTEM DRAWINGS SHALL BE FOR REFERENCE ONLY. REFER TO THE ELECTRICAL ENGINEERING DRAWINGS FOR EXACT LOCATIONS, CIRCUITING, AND ACTUAL ROUTING OF CONDUIT AND ELECTRICAL POWER.
- VERIFY SIZES, DIMENSIONS, AND LOCATIONS WITH THE DESIGN BUILD DRAWINGS. WHERE DISCREPANCIES OCCUR, THE ARCHITECTURAL DRAWINGS SHALL TAKE PRECEDENCE.
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH NATIONAL, LOCAL, AND OTHER APPLICABLE CODES.
- AUDIOVISUAL EQUIPMENT SHALL BE INSTALLED BY THE A.V.C., AND NOT THE GENERAL CONTRACTOR, EXCEPT WHERE NOTED OTHERWISE. ALL CONSTRUCTION WORK SHALL BE BY THE G.C., EXCEPT WHERE NOTED OTHERWISE.
- WHERE EXACT DIMENSIONS ARE NOT INDICATED, THE DRAWING MAY BE SCALED TO DETERMINE LOCATIONS OF EQUIPMENT, JUNCTION BOXES, ETC. WHERE EXACT DIMENSIONS ARE NEEDED, THE REFERENCE SURFACE SHALL BE THE FINAL FINISHED SURFACE, INCLUDING ANY ACOUSTICAL TREATMENT.
- WHERE AC POWER OR AUDIOVISUAL JUNCTION BOXES ARE TO BE PLACED ADJACENTLY, INSTALL BACKBOXES WITH SUFFICIENT SEPARATION FOR COVER PLATES.
- ALL AUDIOVISUAL SYSTEM AC POWER SHALL BE ON DEDICATED 'AUDIOVISUAL POWER' CIRCUITS PROTECTED BY 20 AMPERE BREAKERS, U.O.N.
- ALL AUDIOVISUAL SYSTEM AC POWER CIRCUITS SHALL BE KEPT ISOLATED FROM LIGHTING DIMMERS, LARGE MOTORIZED EQUIPMENT, AND OTHER INDUCTIVE ("NOISY") ELECTRICAL LOADS.
- AUDIOVISUAL SYSTEM WIRING SHALL BE PLENUM-RATED CABLE IN ALL AREAS WITH ACCESSIBLE CEILING AND FLOOR PLENUMS, U.O.N.
- CONDUIT RUNS SHOWN ON THESE DRAWINGS SHOW ONLY INTERCONNECTION BETWEEN POINTS. THE EXACT PATH OF ALL CONDUIT RUNS SHALL BE COORDINATED IN THE FIELD.
- THERE SHALL BE A MINIMUM OF ONE (1) PULL BOX FOR EVERY 100 FEET [30.5m] OF RUN, WITH AN EXTRA PULL BOX FOR EVERY 90 DEGREE BEND IN CONDUIT RUN. PULL BOXES WILL NOT BE LOCATED ABOVE GYP. BOARD [INACCESSIBLE] CEILINGS.
- "BUILDING STANDARD ELECTRICAL SWITCH HEIGHT" SHALL BE PER SFIA STANDARDS.
- "BUILDING STANDARD BASE ELECTRICAL HEIGHT" SHALL BE PER SFIA STANDARDS.
- ALL EMPTY CONDUIT SHOWN ON THESE DRAWINGS SHALL BE DEBURRED, CLEANED, CAPPED, TAGGED, AND FURNISHED WITH PULLSTRINGS.
- ALL AUDIOVISUAL JUNCTION BOXES, AC POWER RECEPTACLES, AND CONDUITS SHALL BE MARKED "FOR AV USE ONLY".
- AC POWER RECEPTACLES SHOWN ON THESE DRAWINGS ARE DEDICATED FOR USE WITH SPECIFIC AUDIOVISUAL, DATA, AND COMMUNICATIONS EQUIPMENT. ADDITIONAL UTILITY ("CONVENIENCE") AC POWER RECEPTACLES SHALL BE PROVIDED AS INDICATED ON THE ARCHITECTURAL DRAWINGS, OR AS REQUIRED BY CODE.
- WHERE POSSIBLE, EMPTY CONDUIT RUNS FOR AUDIOVISUAL SYSTEM WIRING SHALL BE KEPT FOUR (4) FEET [1220mm] FROM PARALLEL AC POWER CIRCUITS, AND TWO (2) FEET [610mm] FROM PERPENDICULAR AC POWER CIRCUIT CROSSINGS. EMPTY CONDUITS FOR AUDIOVISUAL SYSTEM WIRING SHALL NOT RUN PARALLEL TO AC POWER CIRCUITS CLOSER THAN FOUR (4) FEET [1220mm] FOR DISTANCES EXCEEDING TWENTY (20) FEET [6.1m].
- WHERE POSSIBLE, CABLE TRAYS FOR AUDIOVISUAL SYSTEM WIRING SHALL BE KEPT SIX (6) FEET [1830mm] FROM PARALLEL AC POWER CIRCUITS, AND THREE (3) FEET [900mm] FROM PERPENDICULAR AC POWER CIRCUIT CROSSINGS. CABLE TRAYS FOR AUDIOVISUAL SYSTEM WIRING SHALL NOT RUN PARALLEL TO AC POWER CIRCUITS CLOSER THAN FOUR (4) FEET [1830mm] FOR DISTANCES EXCEEDING TWELVE (12) FEET [3.6m].
- ALL NON-ACCESSIBLE CEILING PLENUM AREAS SHALL HAVE CONTINUOUS CONDUIT.

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- PRELIMINARY
- For SUBMITTAL (CD1)
- For CONSTRUCTION (CD2)
- AS BUILTS
- SKETCH
- Other: _____

1 1-31-12 For Review

| No | Date | Description |
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Revisions

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| | |
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| Job Number: | --- |
| Engineered By: | B. MacLeod |
| Project Manager: | --- |
| Drawn By: | B. MacLeod |
| Approved By: | --- |
| Scale: | As Noted |
| File Name: | --- |

AV System Plan for:

Mozilla San Francisco
2 Harrison Street, Suite 310
San Francisco, CA 94105

SHEET TITLE
AV SYSTEMS
NOTES, SYMBOLS, AND ABBREVIATIONS

DWG NUMBER

AV-0.00