

1 CONSTRUCTION TYPE DIAGRAM
NO SCALE

DEFINITIONS
CBC SECTION 202
TECHNICAL PRODUCTION AREA: Open elevated area or spaces intended for entertainment technicians to walk on and occupy for servicing and operating entertainment technology systems and equipment.

CODE ANALYSIS

01. BUILDING OCCUPANCY & CONSTRUCTION TYPE
 Occupancy - CBC Chapter 3
 Group A-3 (Originally Library: A-3 + Meeting Rooms: A-2.1)
 Construction Type - CBC Table 601
 Type V-B (Originally Group A-3: 5N + Group A-2.1: 5-1hr (fully sprinkled in lieu of 1-hr))

Fire-Resistance Rating Requirements for Building Elements (Hours) - CBC Table 601
 Primary Structural Frame: 0 HR
 Bearing Walls - Exterior: 0 HR
 Bearing Walls - Interior: 0 HR
 Nonbearing Walls & Partitions Exterior: 0 HR
 Nonbearing Walls & Partitions Interior: 0 HR
 Floor Construction & Secondary Members: 0 HR
 Roof Construction & Secondary Members: 0 HR

02. FIRE SUPPRESSION REQUIREMENTS
 Fire Suppression System Requirement - CBC Section 903, Table 903.2.11.6, Section 410.6
 Existing facility is fully protected by Automatic Sprinkler System
 Existing Sprinkler system is to be modified as necessary to accommodate proposed improvements.

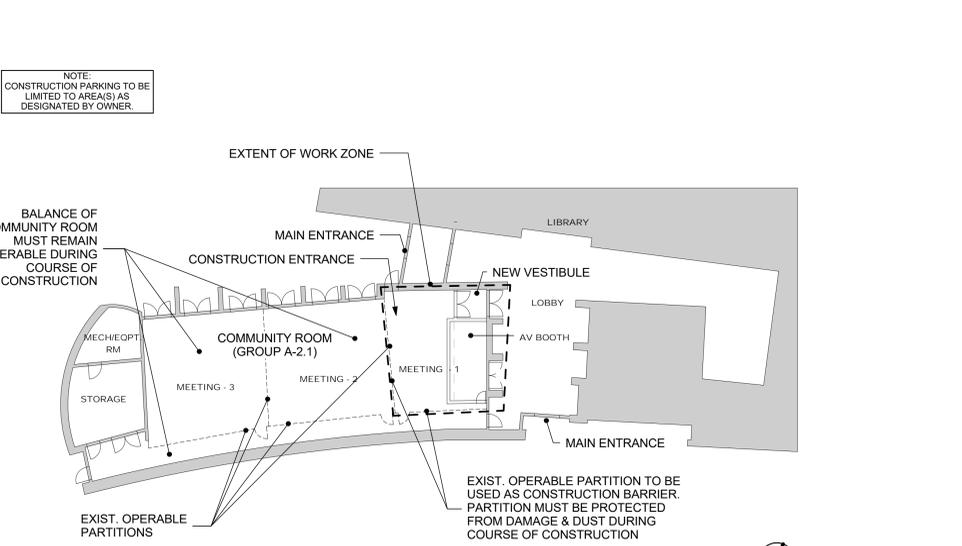
03. BUILDING SITING
 No envelope changes are proposed by this Project. The existing building siting is unaffected.

04. CONSTRUCTION TYPE & ALLOWABLE SIZE
 Allowable Building Height - CBC Table 503
 No envelope changes are proposed by this Project. The existing building height is unaffected.
 Allowable Building Floor Area - CBC Table 503
 No envelope changes are proposed by this Project. The existing building floor area is unaffected.

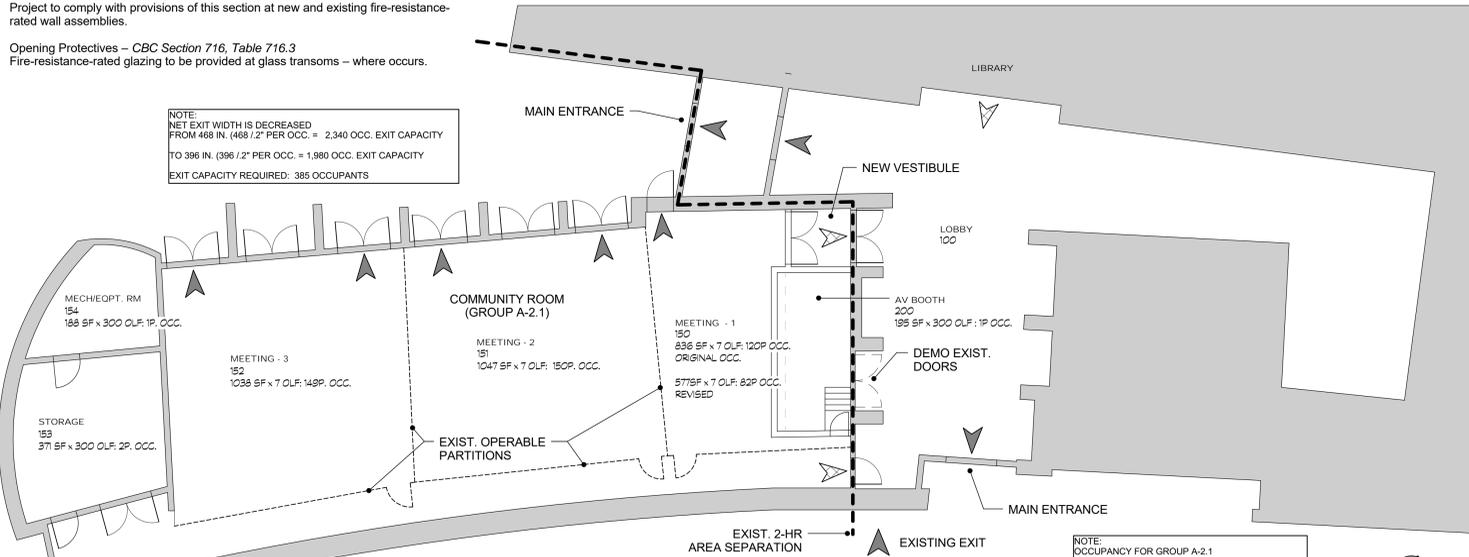
05. SPECIAL OCCUPANCY REQUIREMENTS
 Special Detailed Requirements Based on Use & Occupancy - CBC Section 410
TECHNICAL PRODUCTION AREA.
 CBC 410.6.3 Technical Production areas shall be provided with means of egress and means of escape in accordance with Sections 410.6.3.1 thru 410.6.3.5
 410.6.3.1 Means of Egress: No fewer than one means of egress shall be provided from technical production areas.
 410.6.3.2 Travel Distance: The length of exit access travel shall not be greater than 400 feet with buildings equipped with an automatic sprinkler system in accordance with Section 903.3.1.1
 410.6.3.4 Path of Egress Travel: The following exit access components are permitted where serving technical production areas:
 .6 Permanent ladders.
 410.6.3.5 Width: The path of egress travel within and from technical support areas shall be not less than 22 inches.

SECTION 505 Mezzanines & Equipment Platforms
 505.2.1 Area Limitation: The aggregate area of a mezzanine within a room shall be not greater than one-third of the floor area of that room or space in which they are located.
 Community Room Area: 2,921 SF (existing)
 Mezzanine Area Allowable: 2,921 SF x 0.33 = 964 SF allowable
 AV Booth Mezzanine Area: 195 SF (proposed) < 964 SF allowable : OK
 505.2.3 Openness: A mezzanine shall be open and unobstructed to the room in which such mezzanine is located except:
 .1 Mezzanines or portions thereof are not required to be open to the room in which the mezzanines are located, provided that the occupant load of the aggregate area of the enclosed space is not greater than 10.
 Occupancy of Mezzanine: 1 person < 10 : OK (See 09 Egress above).

06. FIRE & SMOKE PROTECTIVE ELEMENTS
 Fire Barriers - CBC Section 707
 1-HR Fire Barriers as required by CBC Table 707.3.10
 Penetrations - CBC Section 714
 Project to comply with provisions of this section at new and existing fire-resistance-rated wall assemblies.
 Opening Protectives - CBC Section 716, Table 716.3
 Fire-resistance-rated glazing to be provided at glass transoms - where occurs.



CONSTRUCTION AREA DIAGRAM
1/16" = 1'-0"



2 PARTIAL EXITING DIAGRAM
NO SCALE

PROJECT NOTES
 These Project Notes are not all-inclusive and DO NOT relieve the Contractor(s) on this Project of their responsibility to review all relevant codes. The Contractor shall ask questions, call to the attention of the Architect and Owner any and all discrepancies, omissions and errors in these documents.

INSPECTIONS
 1. The Contractor shall be responsible to make application for, secure and pay for all permits and fees required by the various permitting agencies and utility purveyors.
 2. The Contractor shall be responsible to schedule all inspections. Normal inspections by the building, engineering, fire and other permitting agency departments shall be conducted as required by those respective agencies. All re-inspection fees shall be paid by the contractor.

CONSTRUCTION DOCUMENTS
 3. Contract Drawings and Specifications are mutually inclusive and what is required by one is required by the other. There is no precedence intended or implied between Drawings and Specifications and, in the event of a conflict, the Architect shall be the interpreter. Any work installed prior to and/or in conflict with such interpretation shall be corrected by the Contractor at the Contractor's expense and at no additional cost to the Owner.
 4. In no case shall dimensions be scaled from Drawings. The Contractor shall verify all conditions and dimensions in the field before proceeding with subsequent work. Any discrepancies between conditions indicated and actual field conditions shall be brought to the attention of the Architect for clarification prior to proceeding. Any work installed prior to and/or in conflict with such clarification shall be corrected by the Contractor at the Contractor's expense and at no additional cost to the Owner.
 5. All dimensions are to face of stud or centerline of walls, columns and beams unless otherwise noted. Floor elevations are to top of concrete slab unless otherwise noted.
 6. All symbols and abbreviations used on the Drawings are considered to be construction standards. Any questions regarding the exact meaning of a symbol or abbreviation shall be brought to the attention of the Architect for clarification.
 7. Details marked "TYPICAL" shall apply in reasonably inferable similar conditions unless indicated otherwise.
 8. Notes contained within these documents which use the words "PROVIDE" or "INSTALL" shall be interpreted to mean "THE GENERAL CONTRACTOR SHALL PROVIDE AND INSTALL" unless noted otherwise.
 9. The Specifications and ALL Consultant Drawings are supplemental to the Architectural Drawings. It shall be the Contractor's responsibility to coordinate with the Architectural Drawings before the installation of any of the Consultant's work and to bring any discrepancies or conflicts to the attention of the Architect in writing for clarification. Improperly installed work shall be corrected by the General Contractor at the General Contractor's expense and at no expense to the Architect, the Architect's Consultants, or the Owner.
 10. The General Contractor and the General Contractor's Subcontractors are responsible for reviewing, bidding, coordinating and performing their work based on the ENTIRE set of Contract Documents. Improperly installed work or contract requirements identified by these Documents excluded by the Contractor without prior written approval of the Architect shall be corrected by the General Contractor at the General Contractor's expense and at no expense to the Architect, the Architect's Consultants, or the Owner.
 11. Any Work installed in conflict with the Contract Documents shall be corrected by the Contractor at the Contractor's expense and at no additional expense to the Owner, the Architect, or the Architect's Consultants.
 12. Drawings of existing conditions have been compiled from existing data supplied by the Owner to the Architect. The Architect makes no warranty other than expressed or implied for the accuracy or completeness of the existing information recorded. The General Contractor shall field verify ALL existing conditions. The General Contractor shall notify in writing any discrepancies for clarification prior to proceeding with work.

GENERAL NOTES
 13. The General Contractor shall furnish all materials, labor, equipment, transportation and services necessary for the satisfactory completion of the Work unless designated specifically otherwise. Work shown in these drawings designated Not In Contract (N.I.C.) is shown for informational purposes only and is NOT the responsibility of the General Contractor. All equipment, work, and materials shall comply with all current applicable model codes, local municipal codes, ordinances, and governing regulations, and the Contract Documents.
 14. The Contractor shall coordinate the installation of the various trade items within the space above all ceilings (including, but not limited to structural members, mechanical ducts and insulation, conduits, raceways, sprinkler systems, light fixtures, ceiling systems, and any special structural supports required) and shall be responsible for maintaining the finish ceiling height indicated in the Drawings and the Finish Schedule. Ceiling heights dimensions are to the finish surface of the ceiling unless noted otherwise.
 15. Access panels shall be provided and installed wherever required by the Building Code or for the proper operation or maintenance of mechanical, electrical or other concealed equipment, whether or not indicated on the Drawings. The General Contractor shall coordinate the size, location, and type of access panel(s) with other Subcontractors' work and with the Architect prior to installation of any access panels.
 16. When it is necessary to interrupt any existing utility services to make connections and/or corrections, a minimum of 48 hours advanced notice shall be given to the Owner. Interruptions in utility services shall be of the shortest possible duration for the Work at hand and shall be approved in advance by the Owner.
 17. In the event the utility services is interrupted without the required 48 hour advanced notice, then the General Contractor shall be financially liable for all damages suffered by the Owner due to unauthorized interruption. Reconnection shall be made immediately.
 18. The General Contractor shall protect all finish work and surfaces from damage during the course of construction and shall replace and/or repair all damaged surfaces caused by the General Contractor or Subcontractor personnel to the satisfaction of the Owner and the Architect.
 19. The General Contractor shall provide and install all silleners, bracing, back-plates, strapping, and supporting brackets required for the installation of all casework, toilet accessories and of all floor/wall/ceiling mounted or suspended mechanical and electrical equipment.
 20. Only new materials and equipment of recent manufacture, of the quality specified, and free from defects shall be permitted for the Work.
 21. Bracing, shoring, and temporary supports shall be provided as required to hold the Work securely in place and to sustain all loads including those that may occur during erection and until subsequent construction is adequate to replace the temporary bracing. The General Contractor shall be solely responsible for these temporary elements.
 22. The General Contractor shall exercise extreme caution throughout the construction period to protect any landscaping, utilities, structures or other facilities intended to remain. Damage, destruction, or removal of these items shall be repair/replaced/restored at the General Contractor's expense and to the satisfaction of the Owner.
 23. Final Clean-Up and Disposal: the General Contractor shall remove debris, rubbish and waste material from the Owner's property and common areas to a lawful disposal area and pay all hauling and dumping costs. The General Contractor shall conform to pertinent Federal, State, and Local laws, regulations and orders upon completion of Work. All construction areas shall be left vacuum-clean and free from debris. Clean all dust, dirt, stains, hand marks, paint spots, droppings and other blemishes.
 24. The General Contractor shall exercise extreme caution during the construction period to protect the existing building facility including the exterior and interior finishes, furniture and equipment.
 25. The General Contractor to provide approved temporary sanitary facilities (i.e. chemical toilets) on the construction site prior to commencement of the Work.
 26. The General Contractor shall have sole control over and charge of and responsibility for construction means, methods, techniques, sequences or procedures, and for safety precautions and programs in connection with the Work.
 27. The Architect shall not be responsible for the Contractor's failure to carry out the Work in accordance with the Contract Documents.
 28. The Architect shall have authority to reject Work that does not conform to the Contract Documents.
 29. If concealed or unknown physical conditions are encountered at the site that differ materially from those indicated in the Contract Documents or from those conditions ordinarily found to exist, these conditions shall be brought to the attention of the Architect and the Owner prior to continuing with the Work.
 30. Structures in the course of construction, alteration or demolition shall comply with Chapter 14 of the 2010 California Fire Code and NFPA 241.

McAuliffe & Company, Inc. ARCHITECTS

45-125 Panorama Drive
 Palm Desert, California 92260
 T: 760.773.0907 F: 760.773.0967
 mail@meacoinc.com

MICHAEL T. McAULIFFE, AIA C-27929



INSTRUMENTS OF SERVICE
 These drawings are Instruments of Service and are the sole property of McAuliffe & Company, Inc. All designs and other information on these drawings are for use on the specified project only. These drawings shall not be altered in any way, shall not be disclosed or assigned to any third party, and shall not be used on any other project without express written permission of McAuliffe & Company, Inc.
 Copyright 2016,
 McAuliffe & Company, Inc.
 All rights reserved.

DRAWING DATE: 08.17.2016	
REVISIONS:	
△	
△	
△	
△	
△	
△	
△	
△	
ISSUE DATES:	
PLANNING/SUBMITTAL SET	DRAWN BY:
<input type="checkbox"/>	McA
DESIGN DEVELOPMENT SET	CHECKED BY:
<input type="checkbox"/>	McA
PLANS/PERMIT SET	McA PROJECT NO.:
<input type="checkbox"/>	15-007-AV
ISSUE SET	
<input type="checkbox"/>	
CONSTRUCTION SET	
<input type="checkbox"/>	

COMMUNITY ROOM AV BOOTH

RM Public Library
 71-100 Highway 111
 Rancho Mirage, CA

for
 City of Rancho Mirage
 Rancho Mirage, CA
 CP 16-326

SHEET TITLE:
GENERAL NOTES & CODE ANALYSIS
 SHEET NUMBER:

GI.0

8/18/2016 11:09:27 AM

2013 NON-RESIDENTIAL MANDATORY MEASURES CHECKLIST

Table with columns: SECTION, TOPIC, REQUIREMENTS, and a small grid for comments. Section 5.106 - PLANNING AND DESIGN (Site Develop) includes storm water pollution prevention, bicycle parking, and designated parking requirements.

CALGREEN MANDATORY MEASURES CONTINUED

Table with columns: SECTION, TOPIC, REQUIREMENTS, and a small grid for comments. Section 5.401.1 includes weather protection, moisture control, and material conservation requirements.

Section 5.408 - MATERIAL CONSERVATION & RESOURCE EFFICIENCY

Table with columns: SECTION, TOPIC, REQUIREMENTS, and a small grid for comments. Section 5.408.1 includes construction waste management, documentation, and isolated jobsite requirements.

Section 5.410 - MATERIAL CONSERVATION & RESOURCE EFFICIENCY

Table with columns: SECTION, TOPIC, REQUIREMENTS, and a small grid for comments. Section 5.410.1 includes recycling by occupants, sample ordinance, and commissioning requirements.

Section 5.410 - MATERIAL CONSERVATION & RESOURCE EFFICIENCY

Table with columns: SECTION, TOPIC, REQUIREMENTS, and a small grid for comments. Section 5.410.1 includes owner's or owner representative's project requirements, basis of design (BOD), systems manual, systems operations training, and commissioning report requirements.

Section 5.410 - MATERIAL CONSERVATION & RESOURCE EFFICIENCY

Table with columns: SECTION, TOPIC, REQUIREMENTS, and a small grid for comments. Section 5.410.1 includes testing and adjusting, systems, procedures, HVAC balancing, reporting, operation and maintenance, and inspection and reports requirements.

Section 5.503 - ENVIRONMENTAL QUALITY (Fireplaces)

Table with columns: SECTION, TOPIC, REQUIREMENTS, and a small grid for comments. Section 5.503.1 includes general requirements for fireplaces.

Section 5.504 - ENVIRONMENTAL QUALITY (Pollutant Control)

Table with columns: SECTION, TOPIC, REQUIREMENTS, and a small grid for comments. Section 5.504.1 includes temporary ventilation, coverings of dust openings, mechanical equipment, and adhesive sealants and caulks requirements.

Section 5.504 - ENVIRONMENTAL QUALITY (Pollutant Control) continued

Table with columns: SECTION, TOPIC, REQUIREMENTS, and a small grid for comments. Section 5.504.1 includes paints and coatings, carpet cushion, composite wood products, documentation, resilient flooring systems, and filters requirements.

McAuliffe & Company, Inc. ARCHITECTS logo and contact information including address (45-125 Panorama Drive) and phone number (760.773.0907).

Professional seal for Michael T. McAuliffe, AIA, No. C-27929, State of California, Commission Expires 08/17/2016.

INSTRUMENTS OF SERVICE text stating that the drawings are instruments of service and the client's responsibility for their use.

DRAWING DATE: 08.17.2016. REVISIONS table with columns for revision number, description, and date.

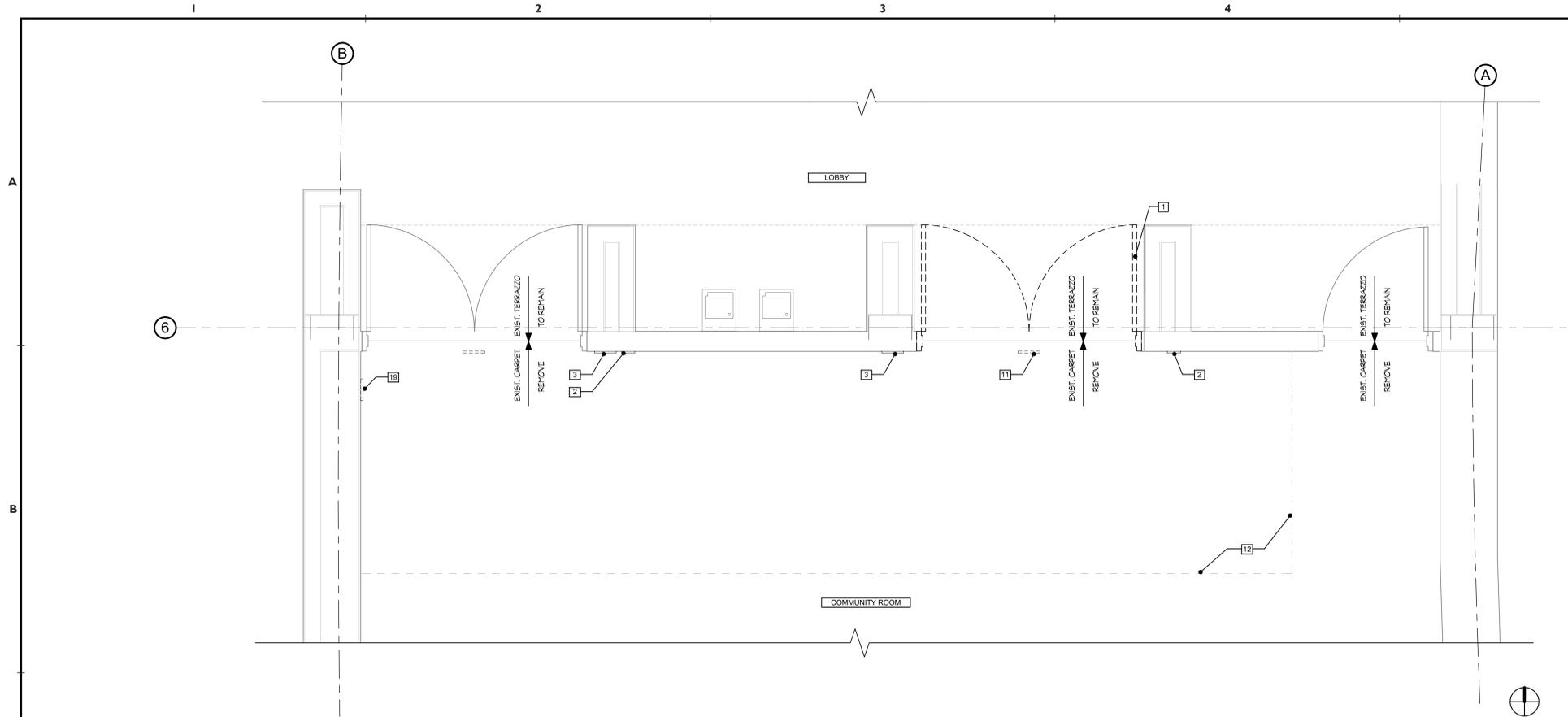
ISSUE DATES table with columns for issue date, description, and date. Includes DISCUSSION SET, PLANS CHECK SET, PERMIT SET, BID SET, and CONSTRUCTION SET.

COMMUNITY ROOM AV BOOTH logo and address: 71-100 Highway 111, Rancho Mirage, CA.

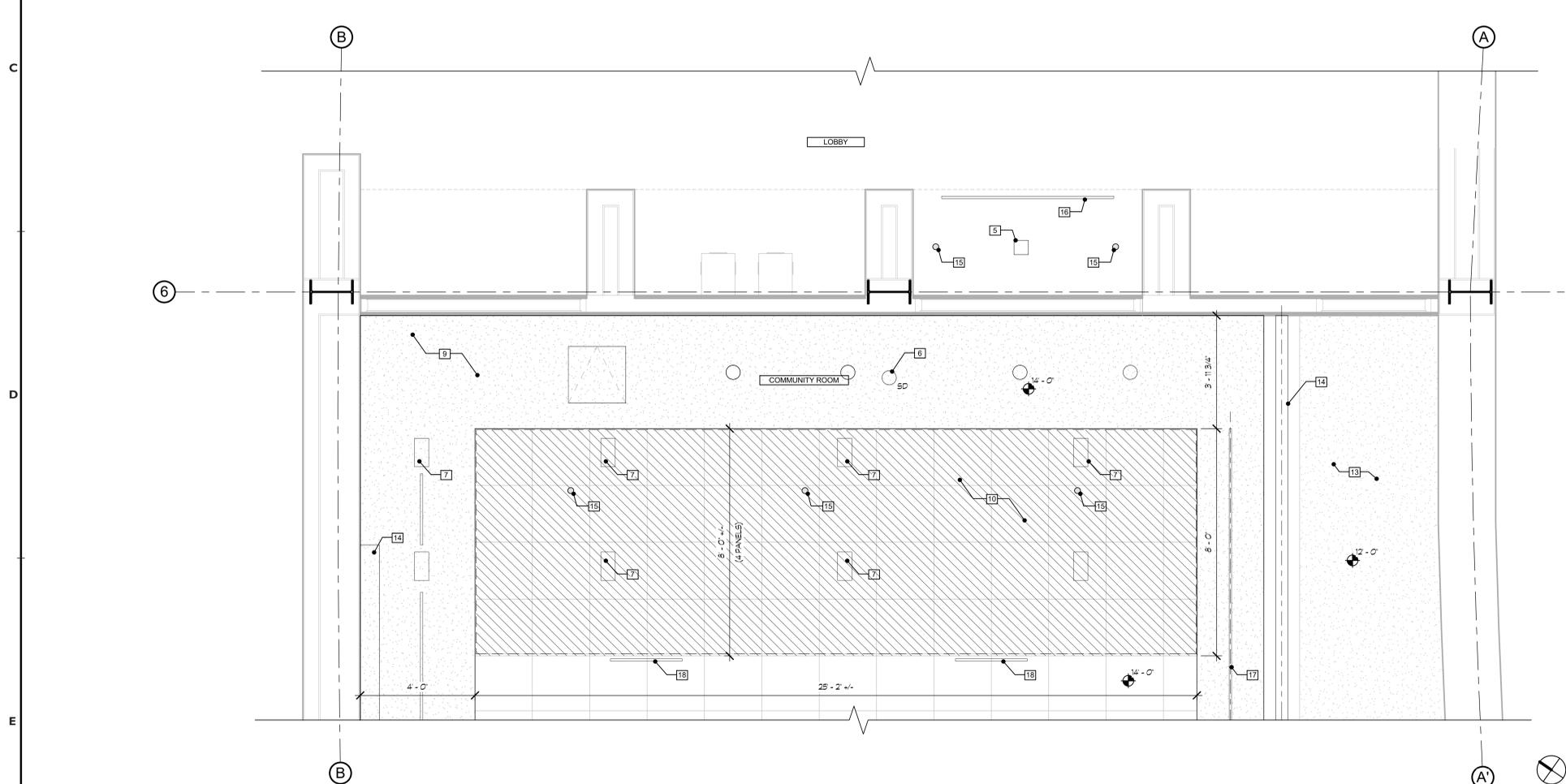
for City of Rancho Mirage Rancho Mirage, CA CP 16-326 logo.

RM Public Library 71-100 Highway 111 Rancho Mirage, CA logo.

SHEET TITLE: CALGREEN NON-RESIDENTIAL APPLICATION CHECKLIST. SHEET NUMBER: G2.0. Date: 8/16/2016 11:09:37 AM.



1 DEMO PLAN
1/2" = 1'-0"

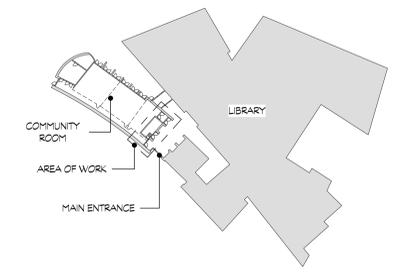


2 DEMO CEILING PLAN
1/2" = 1'-0"

DEMOLITION KEYNOTES

1. RELOCATE EXIST. DOORS, AND RELATED HARDWARE; RETAIN FOR REINSTALLATION AT NEW LOCATION; DEMO DOOR FRAME; PREP FOR INFILL
2. REWORK EXISTING FIRE ALARM STROBE
3. REMOVE AND RETAIN EXISTING SIGNAGE FOR INSTALLATION AT REVISED LOCATIONS
4. REMOVE AND RECONFIGURE EXISTING RETURN AIR
5. DEMO EXISTING DOWNLIGHT; REPAIR
6. REMOVE AND RETAIN EXISTING SMOKE DETECTOR FOR INSTALLATION AT REVISED LOCATIONS
7. DEMO EXISTING DOWNLIGHTS; PREP FOR RECONFIGURATION
8. -
9. EXISTING GYP. BOARD SOFFIT TO REMAIN
10. DEMO PORTION OF EXISTING T-BAR CEILING SYSTEM
11. REMOVE & RETAIN EXISTING EXIT SIGNAGE FOR INSTALLATION AT NEW LOCATION
12. REMOVE EXISTING CARPET TILES THIS AREA AS NECESSARY TO FORM WORK; REINSTALL OR REPLACE TILES TO MATCH EXISTING
13. EXISTING SOFFIT TO REMAIN
14. EXISTING OPERABLE PARTITION TRACK TO REMAIN
15. EXISTING FIRE SPRINKLER HEAD RECONFIGURE AS NECESSARY TO ACCOMMODATE THE WORK
16. EXISTING LINEAR DIFFUSER TO REMAIN
17. EXISTING LINEAR PLENUM RETURN AIR SLOT TO REMAIN
18. REWORK EXISTING SUPPLY AIR LINEAR DIFFUSER INTO NEW SOFFIT; SEE REFLECTED CEILING PLAN
19. REWORK EXISTING LIGHT CONTROL PANEL; SEE FLOOR PLAN FOR NEW LOCATION
20. EXISTING FIRE EXTINGUISHER & CABINET TO REMAIN
21. EXISTING CEILING PROJECTION SCREEN TO REMAIN; REWORK IF REQUIRED

KEYPLAN
1" = 60'-0"



McAuliffe & Company, Inc. ARCHITECTS

45-125 Panorama Drive
Palm Desert, California 92260
T: 760.773.0907 F: 760.773.0967
mail@mcaoinc.com

MICHAEL T. McAULIFFE, AIA C-27929



INSTRUMENTS OF SERVICE
These drawings are Instruments of Service and are the sole property of McAuliffe & Company, Inc. All designs and other information on these drawings are for use on the specified project only. These drawings shall not be altered in any way, shall not be disclosed or assigned to any third party, and shall not be used on any other project without express written permission of McAuliffe & Company, Inc.
Copyright 2016, McAuliffe & Company, Inc. All rights reserved.

DRAWING DATE: 08.17.2016	
REVISIONS:	
△	
△	
△	
△	
△	
△	
ISSUE DATES:	
<input type="checkbox"/> PLANNING SUBMITTAL SET	DRAWN BY:
<input type="checkbox"/> DESIGN DEVELOPMENT SET	MR
<input type="checkbox"/> PLANS CHECK SET	CHECKED BY:
<input type="checkbox"/> PERMIT SET	McA
<input type="checkbox"/> BID SET	McA PROJECT NO:
<input type="checkbox"/> CONSTRUCTION SET	15-007 AV

COMMUNITY ROOM AV BOOTH

**RM Public Library
71-100 Highway 111
Rancho Mirage, CA**

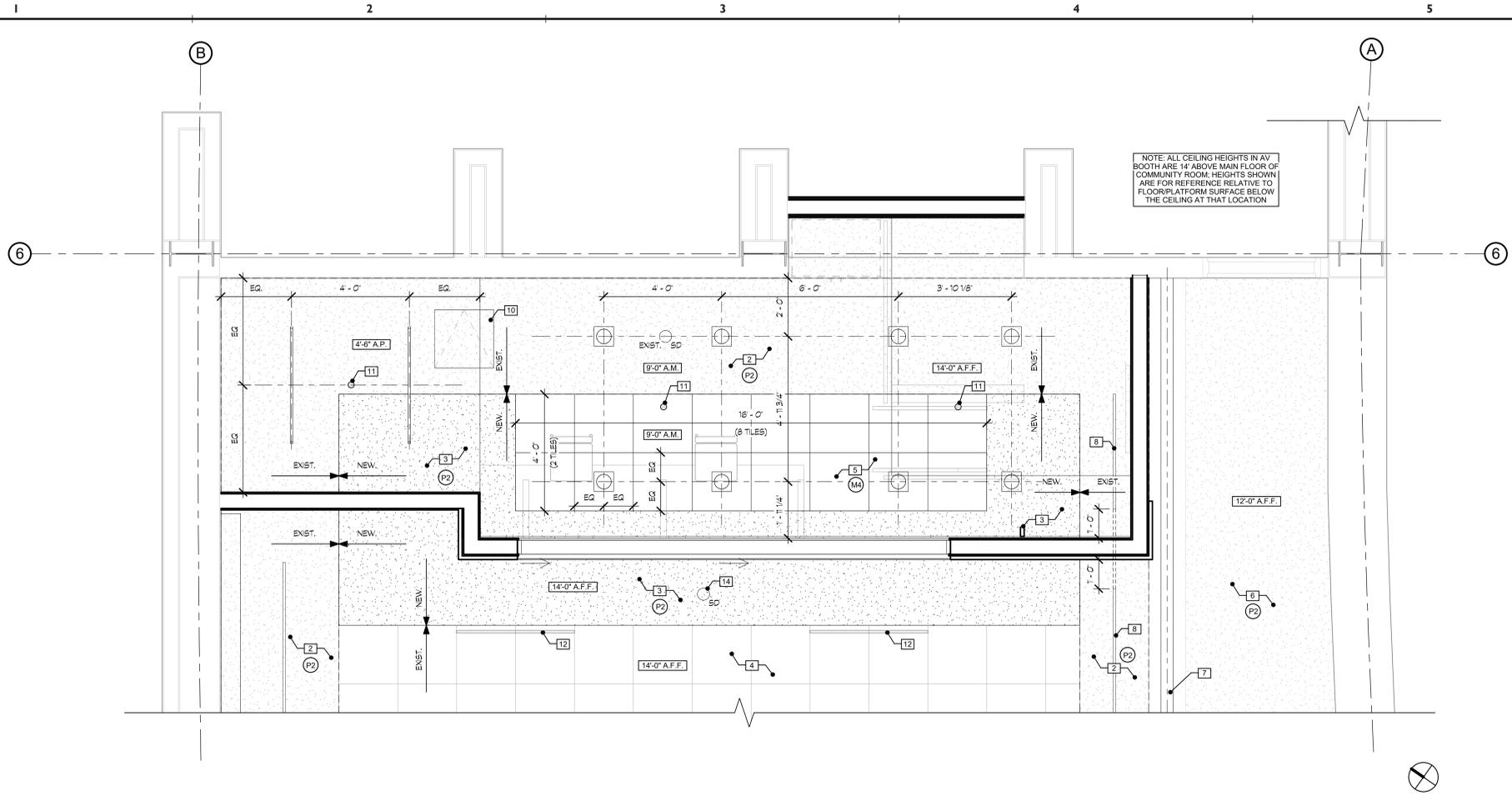
for
**City of Rancho Mirage
Rancho Mirage, CA
CP 16-326**

SHEET TITLE:
DEMOLITION PLANS

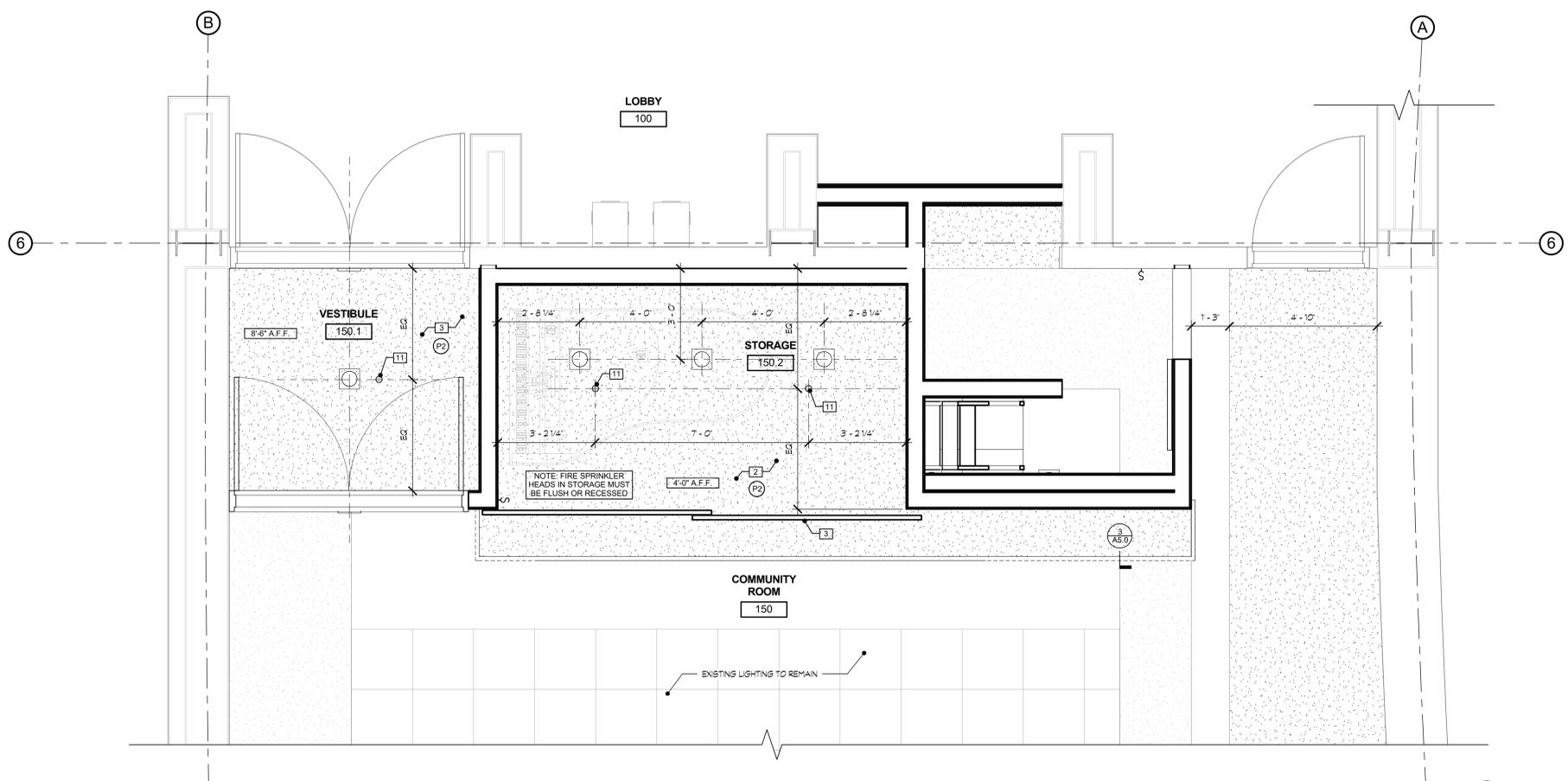
SHEET NUMBER:

A1.0

8/18/2016 11:08:34 AM



1 MEZZANINE CEILING PLAN
1/2" = 1'-0"

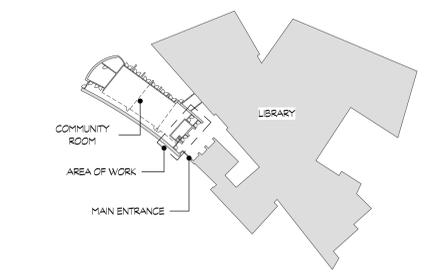


2 REFLECTED CEILING PLAN
1/2" = 1'-0"

- ROOM FINISH LEGEND**
- MISC. MATERIALS
- (M1) PLASTIC LAMINATE
 - WORK COUNTER
 - WILSONART LAMINATE
 - COLOR: 4738-60 ROLETTA
- (M2) PERFORATED ACOUSTICAL WOOD
 - PANEL CLADDING
 - WFS:
 - COLOR: TBD
- (M3) RUBBER WALL BASE
 - BASE BOARD
 - WFS:
 - COLOR: MATCH EXISTING
- (M4) SUSPENDED ACOUSTICAL CEILING TILE SYSTEM
 - CEILING
 - WFS: MATCH EXISTING
 - COLOR: MATCH EXISTING
- PAINT**
- (P1) DOOR FRAMES
 - INTERIOR DOORS & METAL FRAMES
 - COLOR: MATCH EXISTING COLOR AND SHEEN
- (P2) CEILINGS (EXISTING & NEW)
 - DUNN-EDWARDS
 - COLOR: MATCH EXISTING COLOR AND SHEEN
- (P3) NEW WALLS
 - DUNN-EDWARDS
 - COLOR: TBD
- (P4) EXISTING WALLS
 - DUNN-EDWARDS
 - COLOR: MATCH EXISTING WALL COLOR AND SHEEN
- FLOORING**
- (F1) CARPET
 - VESTIBULE, AV BOOTH
 - WFS: MATCH EXISTING
 - COLOR: MATCH EXISTING COLOR & TEXTURE

- CEILING PLAN KEYNOTES**
1. SLIDING DOOR PANELS WITH OVHD. BARN DOOR TRACK
 2. EXISTING GYP. BD. CEILING SYSTEM; REPAIR
 3. NEW GYP. BD. CEILING SYSTEM; 5/8" TYPE X GYP BD; MATCH EXISTING SYSTEM & FINISH PAINT
 4. EXISTING SUSPENDED ACOUSTIC TILE CEILING SYSTEM
 5. NEW SUSPENDED ACOUSTIC TILE CEILING SYSTEM; MATCH EXISTING TILE/GRID LAYOUT IS TO ALIGN WITH EXISTING ACOUSTICAL TILE SYSTEM ADJACENT
 6. EXISTING GYP. SD. SOFFIT TO REMAIN
 7. EXISTING OVHD. TRACK FOR OPERABLE PARTITION SYSTEM
 8. EXISTING LINEAR SLOT RETURN AIR FOR CEILING PLENUM RETURN MODIFY AS INDICATED
 9. REMOVE SEGMENT OF LINEAR SLOT RETURN AIR, INFILL W/ GYP. BD., PAINT
 10. EXISTING CEILING ACCESS PANEL TO REMAIN; REPAIR
 11. CONNECT NEW SPRINKLER HEAD TO EXISTING FIRE SUPPRESSION SYSTEM
 12. REPOSITION EXISTING LINEAR SLOT DIFFUSER TO LOCATION SHOWN
 13. NEW LINEAR SLOT DIFFUSER, CONNECT TO EXISTING SYSTEM; SEE MECH.
 14. NEW SMOKE DETECTOR DEVICE, CONNECT TO EXISTING FIRE ALARM SYSTEM

- LIGHTING LEGEND**
- (SP) AUDIO SPEAKER
 - (FH) FIRE SPRINKLER HEAD; FLUSH, MATCH EXISTING
 - (EL) EMERGENCY LIGHT
 - (SD) SMOKE DETECTOR
 - (EF) EXHAUST FAN
 - (SA) 18" X 18" SUPPLY AIR
 - (FL) FLUORESCENT RECESSED DOWN LIGHT
 - (SLF) SURFACE MOUNTED LINEAR FLOOR FINTURE



KEYPLAN
1" = 60'-0"

McAuliffe & Company, Inc. ARCHITECTS

45-125 Panorama Drive
Palm Desert, California 92260
T: 760.773.0907 F: 760.773.0967
mail@meacoinc.com

MICHAEL T. McAULIFFE, AIA C-27929



INSTRUMENTS OF SERVICE

These drawings are Instruments of Service and are the sole property of McAuliffe & Company, Inc. All designs and other information on these drawings are for use on the specified project only. These drawings shall not be altered in any way, shall not be disclosed or assigned to any third party, and shall not be used on any other project without express written permission of McAuliffe & Company, Inc.

Copyright 2016,
McAuliffe & Company, Inc.
All rights reserved.

DRAWING DATE: 08.17.2016	
REVISIONS:	
△	
△	
△	
△	
△	
△	
△	
ISSUE DATES:	
PLANNING SUBMITTAL SET	DRAWN BY:
DESIGN DEVELOPMENT SET	MR
PLANS CHECK SET	CHECKED BY:
PERMIT SET	McA
BID SET	McA PROJECT NO.:
CONSTRUCTION SET	15-007AV

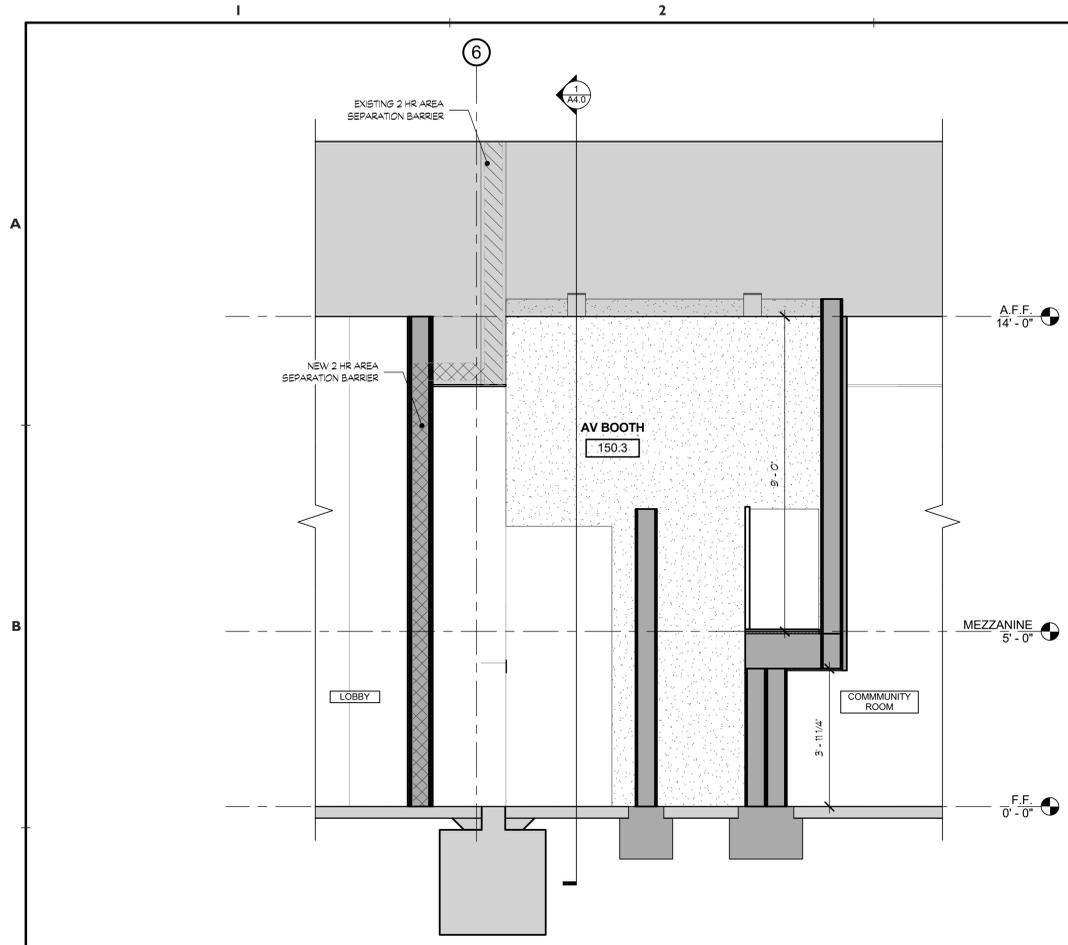
COMMUNITY ROOM AV BOOTH

RM Public Library
71-100 Highway 111
Rancho Mirage, CA

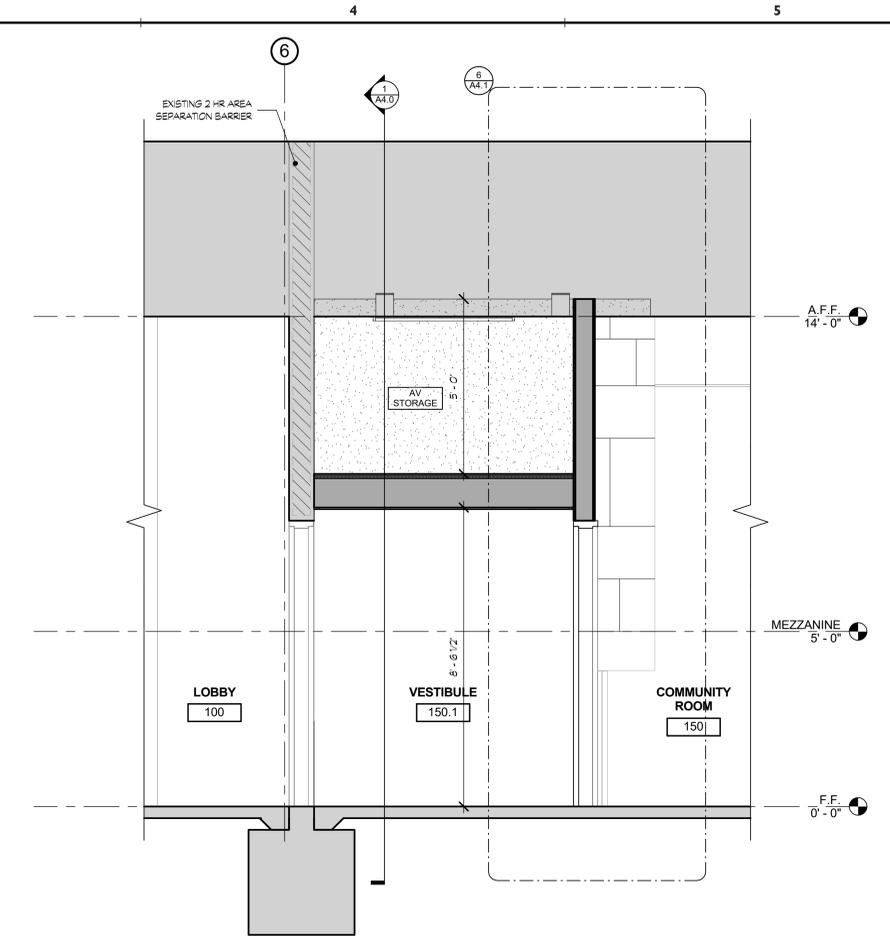
for
City of Rancho Mirage
Rancho Mirage, CA
CP 16-326

SHEET TITLE:
CEILING PLANS

SHEET NUMBER:
A2.1

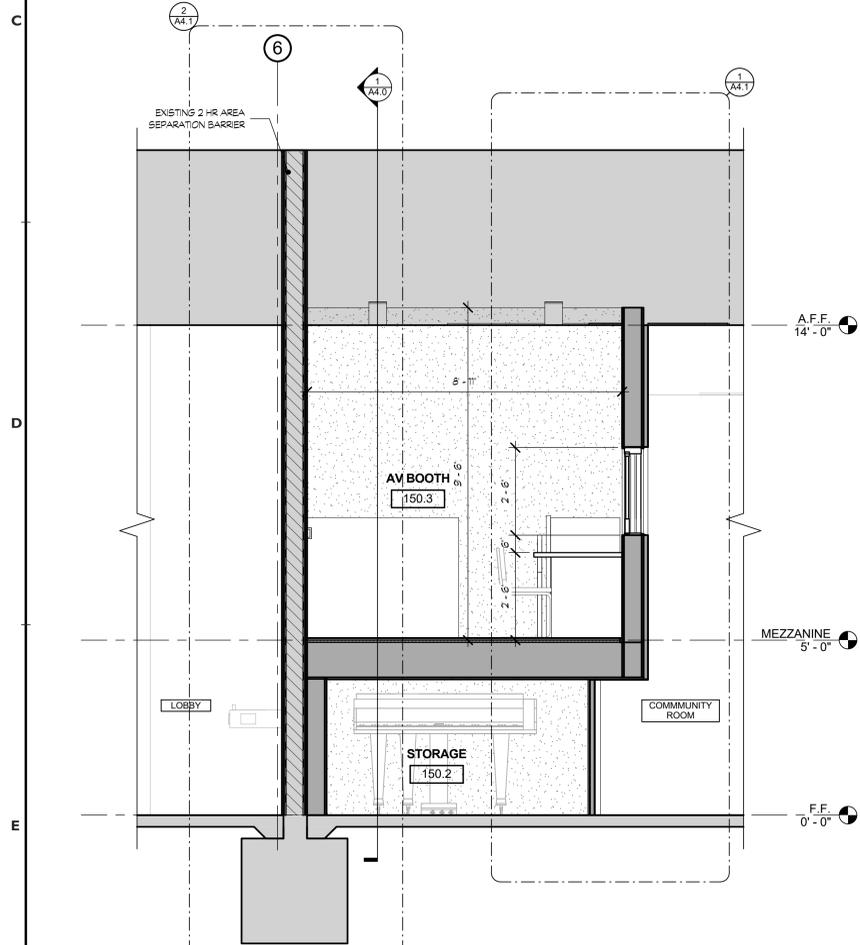


SECTION 04
1/2" = 1'-0"

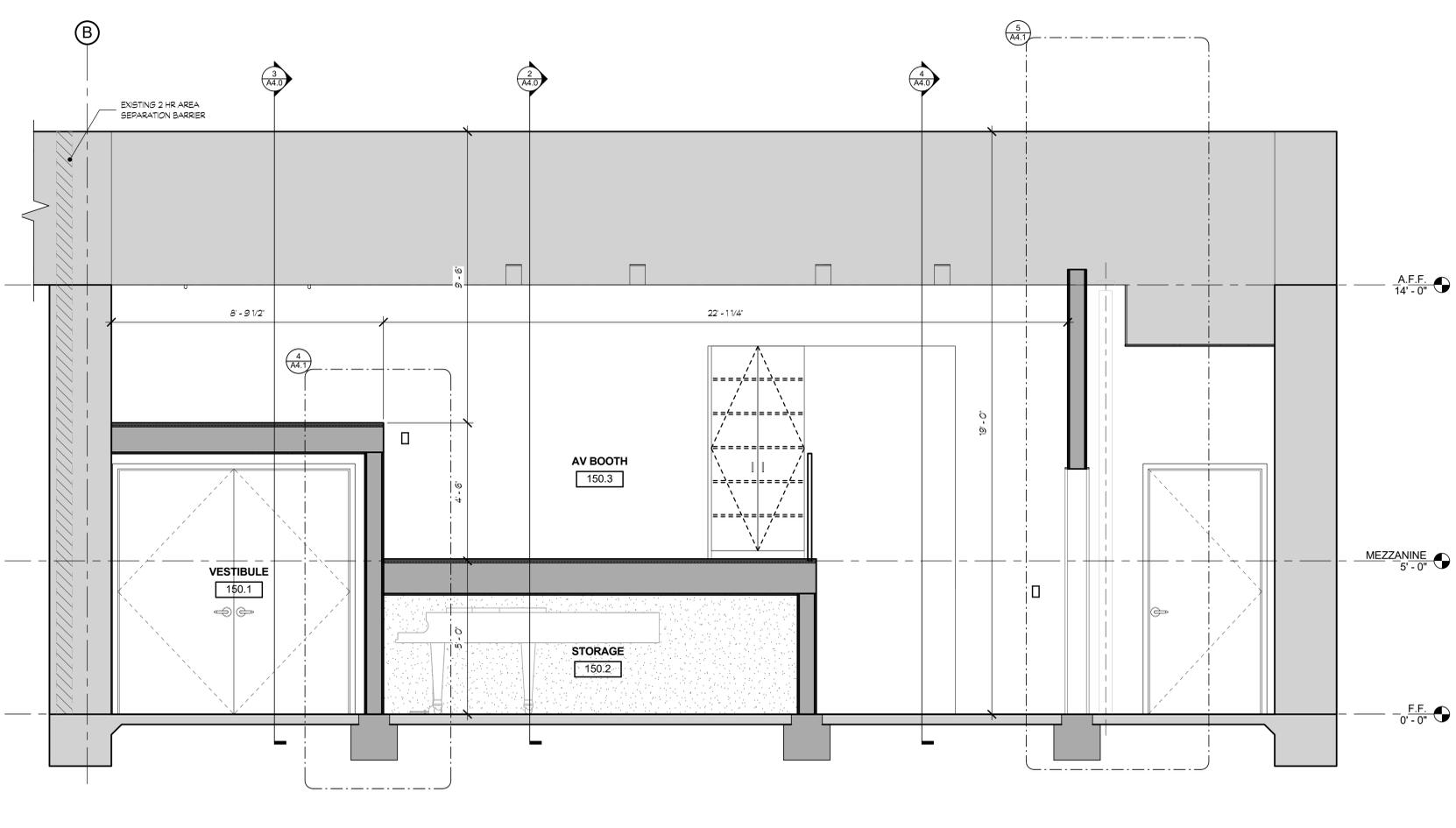


SECTION 03
1/2" = 1'-0"

- SECTION KEYNOTES
- BUILT-IN STORAGE WITH ADJUSTABLE SHELVES
 - SHIPS LADDER, FINISH TBD
 - HANDRAIL & GAUGERAIL FINISH TBD
 - BUILT-IN DESK, HARDWOOD SURFACE, PROVIDE SUPPORT
 - DIRECT GLUE CARPET
 - REUSE EXISTING DOUBLE METAL FRAME & WOOD DOOR; REPLACE HARDWARE WITH NEW
 - SLIDING SHOWN DOORS, PAINT TO MATCH ADJACENT WALLS
 - NEW EXIT SIGNAGE LOCATION, ABOVE DOORS; MATCH EXISTING SIGNAGE
 - NEW HOLLOW METAL FRAME & WOOD DOOR; MATCH EXISTING SINGLE DOORS



SECTION 02
1/2" = 1'-0"



SECTION 01
1/2" = 1'-0"

McAuliffe & Company, Inc. ARCHITECTS

45-125 Panorama Drive
Palm Desert, California 92260
T: 760.773.0907 F: 760.773.0967
mail@mcaoinc.com

MICHAEL T. McAULIFFE, AIA C-27929



INSTRUMENTS OF SERVICE
These drawings are Instruments of Service and are the sole property of McAuliffe & Company, Inc. All designs and other information on these drawings are for use on the specified project only. These drawings shall not be altered in any way, shall not be disclosed or assigned to any third party, and shall not be used on any other project without express written permission of McAuliffe & Company, Inc.
Copyright 2016
McAuliffe & Company, Inc.
All rights reserved.

DRAWING DATE: 08.17.2016	
REVISIONS:	
△	
△	
△	
△	
△	
△	
ISSUE DATES:	
<input type="checkbox"/> PLANNING SUBMITTAL SET	DRAWN BY:
<input type="checkbox"/> DESIGN DEVELOPMENT SET	MR
<input type="checkbox"/> PLANCHHECK SET	CHECKED BY:
<input type="checkbox"/> PERMIT SET	McA
<input type="checkbox"/> BID SET	McA PROJECT NO:
<input type="checkbox"/> CONSTRUCTION SET	15-007AV

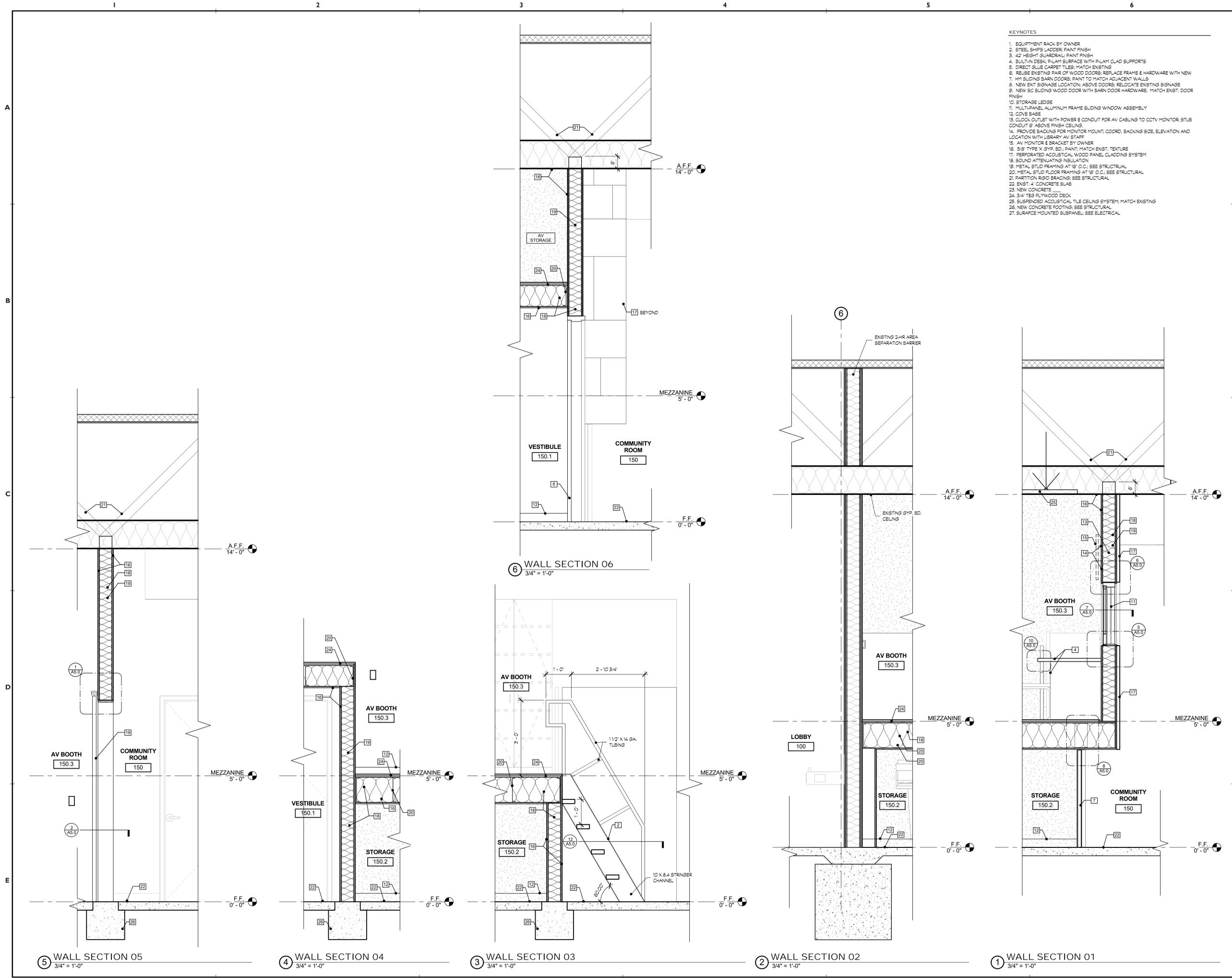
COMMUNITY ROOM AV BOOTH

RM Public Library
71-100 Highway 111
Rancho Mirage, CA

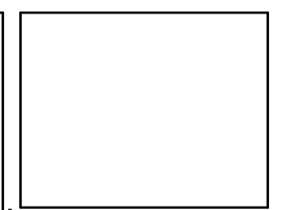
for
City of Rancho Mirage
Rancho Mirage, CA
CP 16-326

SHEET TITLE:
BUILDING SECTIONS

SHEET NUMBER:
A4.0



- KEYNOTES**
- EQUIPMENT RACK BY OWNER
 - STEEL SHIPS LADDER, PAINT FINISH
 - 42" HEIGHT GUARDRAIL, PAINT FINISH
 - BUILT-IN DEBK; PLAM SURFACE WITH PLAM CLAD SUPPORTS
 - DIRECT BLUE CARPET TILES; MATCH EXISTING
 - REUSE EXISTING PAIR OF WOOD DOORS; REPLACE FRAME & HARDWARE WITH NEW
 - HM SLIDING BARN DOORS; PAINT TO MATCH ADJACENT WALLS
 - NEW EXT SIGNAGE LOCATION; ABOVE DOORS; RELOCATE EXISTING SIGNAGE
 - NEW SC SLIDING WOOD DOOR WITH BARN DOOR HARDWARE; MATCH EXST. DOOR FINISH
 - STORAGE LEDGE
 - MULTI-PANEL ALUMINUM FRAME SLIDING WINDOW ASSEMBLY
 - COVE BASE
 - CLOCK OUTLET WITH POWER & CONDUIT FOR AV CABLES TO CCTV MONITOR; STUB CONDUIT 6" ABOVE FINISH CEILING
 - PROVIDE BACKING FOR MONITOR MOUNT; COORD. BACKING SIZE, ELEVATION AND LOCATION WITH LIBRARY AV STAFF
 - AV MONITOR & BRACKET BY OWNER
 - 5/8" TYPE X GYP. BD.; PAINT; MATCH EXIST. TEXTURE
 - PERFORATED ACOUSTICAL WOOD PANEL CLADDING SYSTEM
 - SOUND ATTENUATING INSULATION
 - METAL STUD FRAMING AT 18" O.C.; SEE STRUCTURAL
 - METAL STUD FLOOR FRAMING AT 18" O.C.; SEE STRUCTURAL
 - PARTITION RIGID BRACING; SEE STRUCTURAL
 - EXIST. 4" CONCRETE SLAB
 - NEW CONCRETE
 - 3/4" T&G PLYWOOD DECK
 - SUSPENDED ACOUSTICAL TILE CEILING SYSTEM; MATCH EXISTING
 - NEW CONCRETE FOOTING; SEE STRUCTURAL
 - SURFACE MOUNTED SUBPANEL; SEE ELECTRICAL



McAuliffe & Company, Inc. ARCHITECTS

45-125 Panorama Drive
 Palm Desert, California 92260
 T: 760.773.0967 F: 760.773.0967
 mail@meacoinc.com

MICHAEL T. McAULIFFE, AIA C-27929



INSTRUMENTS OF SERVICE
 These drawings are Instruments of Service and are the sole property of McAuliffe & Company, Inc. All designs and other information on these drawings are for use on the specified project only. These drawings shall not be altered in any way, shall not be disclosed or assigned to any third party, and shall not be used on any other project without express written permission of McAuliffe & Company, Inc.
 Copyright 2016
 McAuliffe & Company, Inc.
 All rights reserved.

DRAWING DATE: 08.17.2016	
REVISIONS:	
<input type="checkbox"/>	
ISSUE DATES:	
<input type="checkbox"/>	PLANNING/SUBMITTAL SET
<input type="checkbox"/>	DESIGN DEVELOPMENT SET
<input type="checkbox"/>	PLANS/CHECKSET
<input type="checkbox"/>	PERMIT SET
<input type="checkbox"/>	BID SET
<input type="checkbox"/>	CONSTRUCTION SET
DRAWN BY: MR	
CHECKED BY: McA	
McA PROJECT NO: 15-007AV	

COMMUNITY ROOM AV BOOTH

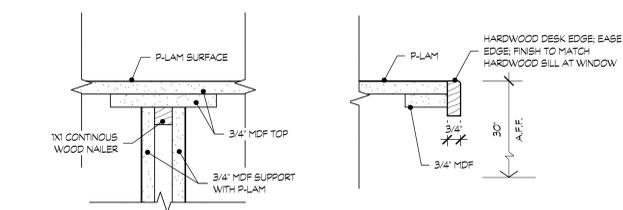
RM Public Library
 71-100 Highway 111
 Rancho Mirage, CA

for
 City of Rancho Mirage
 Rancho Mirage, CA
 CP 16-326

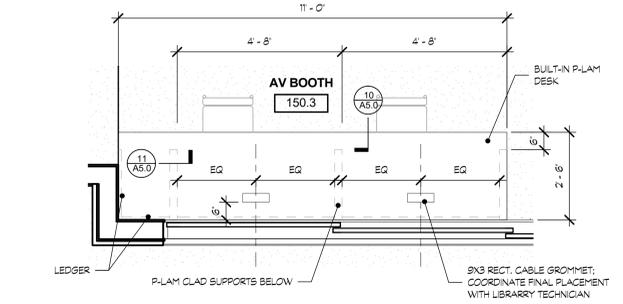
SHEET TITLE:
WALL SECTIONS

SHEET NUMBER:
A4.1

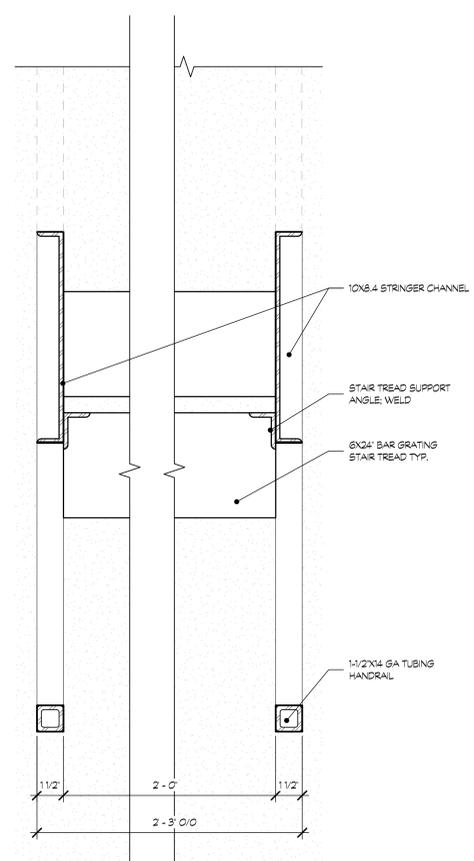
8/18/2016 11:08:50 AM



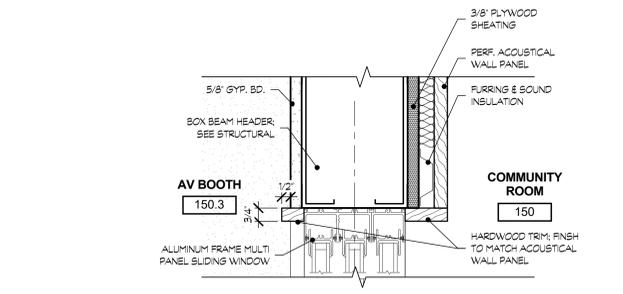
11 DESK SUPPORT DETAIL 3" = 1'-0"
 10 DESK EDGE DETAIL 3" = 1'-0"



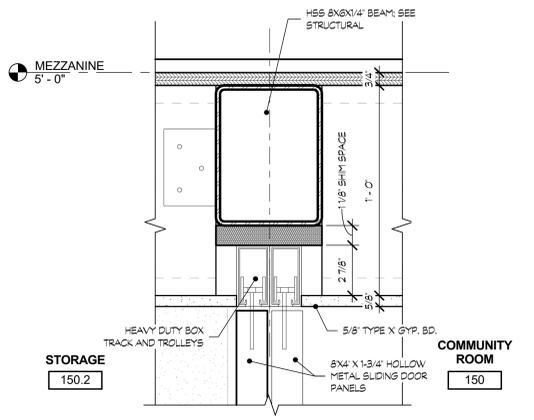
9 WORK DESK DETAILS 1/2" = 1'-0"



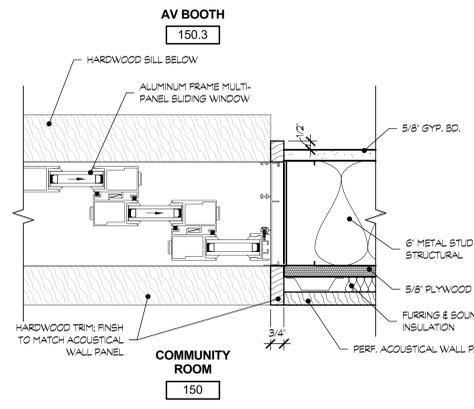
12 SHIP'S LADDER SECTION 3" = 1'-0"



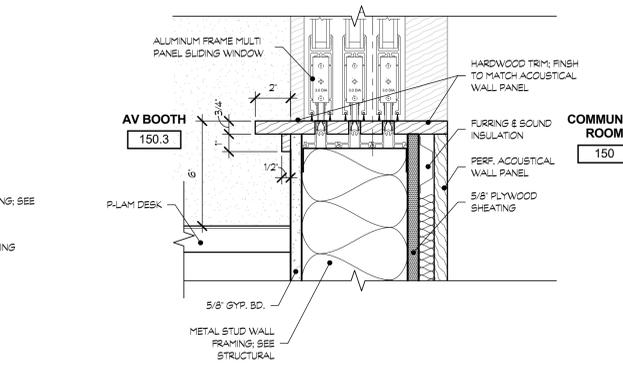
10 MULTI-PANEL SLIDING WINDOW - HEAD DETAIL 3" = 1'-0"



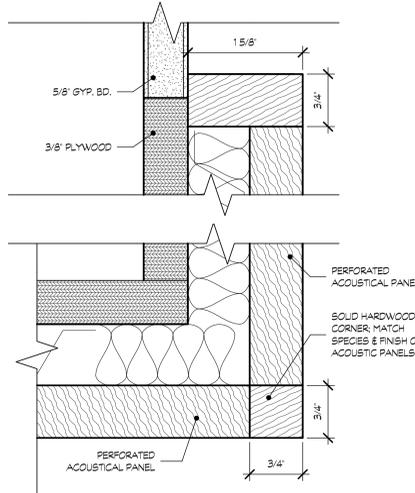
8 SLIDING DOOR PANEL TRACK DETAIL 3" = 1'-0"



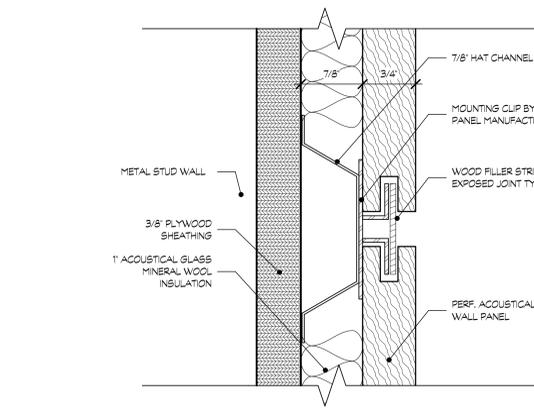
7 MULTI-PANEL SLIDING WINDOW- JAMB DETAIL 3" = 1'-0"



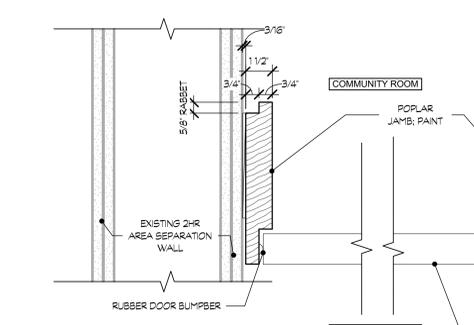
5 MULTI-PANEL SLIDING WINDOW- SILL DETAIL 3" = 1'-0"



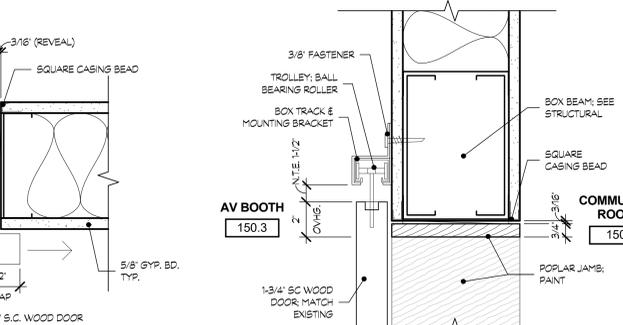
4 ACOUSTIC PANEL CORNER DETAIL 12" = 1'-0"



3 ACOUSTIC PANEL REVEAL DETAIL 12" = 1'-0"



2 BARN DOOR JAMB DETAIL 3" = 1'-0"



1 BARN DOOR HEAD DETAIL 3" = 1'-0"

McAuliffe & Company, Inc. ARCHITECTS

45-125 Panorama Drive
 Palm Desert, California 92260
 T: 760.773.0907 F: 760.773.0967
 mail@mcaoinc.com

MICHAEL T. McAULIFFE, AIA C-27929



INSTRUMENTS OF SERVICE
 These drawings are Instruments of Service and are the sole property of McAuliffe & Company, Inc. All designs and other information on these drawings are for use on the specified project only. These drawings shall not be altered in any way, shall not be disclosed or assigned to any third party, and shall not be used on any other project without express written permission of McAuliffe & Company, Inc.
 Copyright 2016, McAuliffe & Company, Inc. All rights reserved.

DRAWING DATE: 08.17.2016	
REVISIONS:	
△	
△	
△	
△	
△	
△	
ISSUE DATES:	
PLANNING/SUBMITTAL SET	DRAWN BY: MR
DESIGN DEVELOPMENT SET	CHECKED BY:
PLANS/REVISION SET	McA
PERMIT SET	McA PROJECT NO: 15-007AV
BID SET	
CONSTRUCTION SET	

COMMUNITY ROOM AV BOOTH

RM Public Library
 71-100 Highway 111
 Rancho Mirage, CA

for
 City of Rancho Mirage
 Rancho Mirage, CA
 CP 16-326

SHEET TITLE: **DETAILS**
 SHEET NUMBER:
A5.0

1 2 3 4 5 6

A

B

C

D

E

McAuliffe & Company, Inc.
McAuliffe & Company, Inc. ARCHITECTS

45-125 Panorama Drive
Palm Desert, California 92260
T: 760.773.0907 F: 760.773.0967
mail@mcacoinc.com

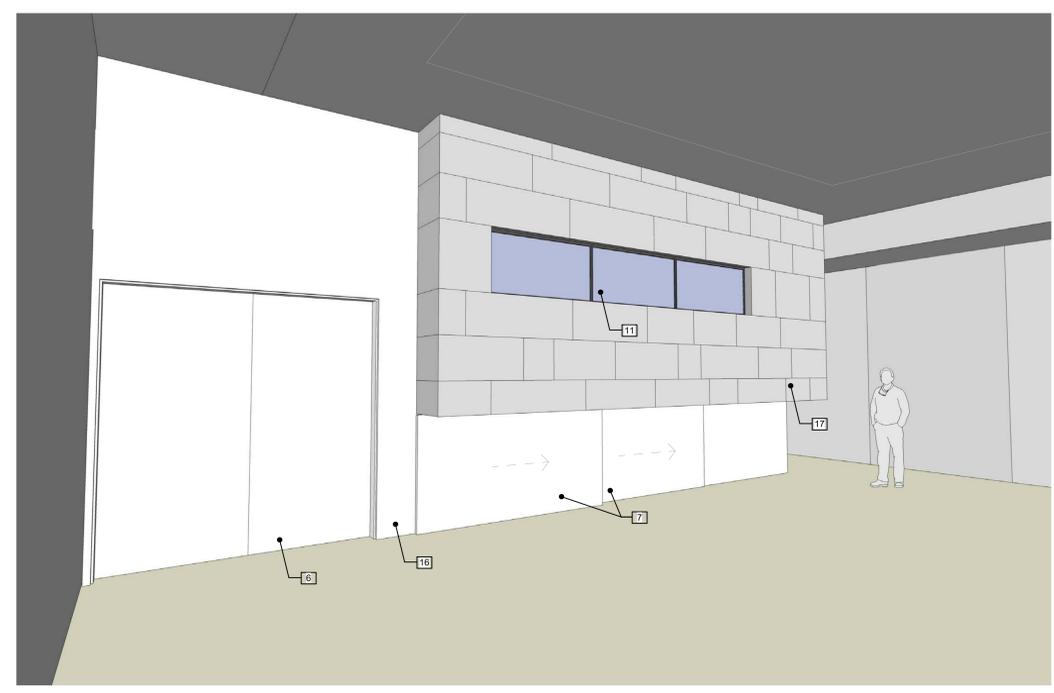
MICHAEL T. McAULIFFE, AIA C-27929



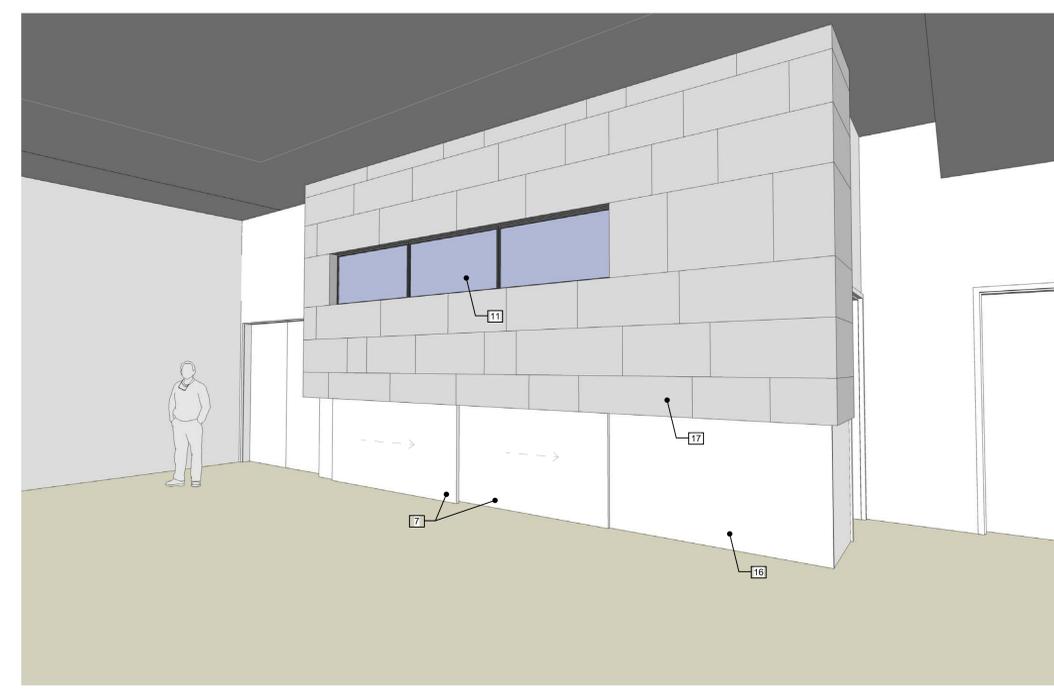
INSTRUMENTS OF SERVICE
These drawings are Instruments of Service and are the sole property of McAuliffe & Company, Inc. All designs and other information on these drawings are for use on the specified project only. These drawings shall not be altered in any way, shall not be disclosed or assigned to any third party, and shall not be used on any other project without express written permission of McAuliffe & Company, Inc.
Copyright 2016,
McAuliffe & Company, Inc.
All rights reserved.

KEYNOTES

1. EQUIPMENT RACK BY OWNER
2. STEEL SHIPS LADDER PAINT FINISH
3. 42" HEIGHT GUARDRAIL, PAINT FINISH
4. BUILT-IN DESK; PLYM SURFACE WITH PLYM CLAD SUPPORTS
5. DIRECT GLUE CARPET TILES; MATCH EXISTING
6. REUSE EXISTING PAIR OF WOOD DOORS; REPLACE FRAME & HARDWARE WITH NEW
7. HM SLIDING BARN DOORS; PAINT TO MATCH ADJACENT WALLS
8. NEW EXIT SIGNAGE LOCATION; ABOVE DOORS; RELOCATE EXISTING SIGNAGE
9. NEW 50 SLIDING WOOD DOOR WITH BARN DOOR HARDWARE; MATCH EXIST. DOOR FINISH
10. STORAGE LEDGE
11. MULTI-PANEL ALUMINUM FRAME SLIDING WINDOW ASSEMBLY
12. COVE BASE
13. CLOCK OUTLET WITH POWER & CONDUIT FOR AV CABLING TO CCTV MONITOR; STUB CONDUIT @ ABOVE FINISH CEILING.
14. PROVIDE BACKING FOR MONITOR MOUNT; COORD. BACKING SIZE, ELEVATION AND LOCATION WITH LIBRARY AV STAFF
15. AV MONITOR & BRACKET BY OWNER
16. 5/8" TYPE 'N' GYP; BD; PAINT; MATCH EXIST. TEXTURE
17. PERFORATED ACOUSTICAL WOOD PANEL CLADDING SYSTEM
18. SOUND ATTENUATING INSULATION
19. METAL STUD FRAMING AT 16" O.C.; SEE STRUCTURAL
20. METAL STUD FLOOR FRAMING AT 16" O.C.; SEE STRUCTURAL
21. PARTITION RIGID BRACING; SEE STRUCTURAL
22. EXIST. 4" CONCRETE SLAB
23. NEW CONCRETE
24. 3/4" T&G PLYWOOD DECK
25. SUSPENDED ACOUSTICAL TILE CEILING SYSTEM; MATCH EXISTING
26. NEW CONCRETE FOOTING; SEE STRUCTURAL
27. SURFACE MOUNTED SUBPANEL; SEE ELECTRICAL



② PERSPECTIVE 02
NO SCALE



① PERSPECTIVE 01
NO SCALE

DRAWING DATE: 08.17.2016	
REVISIONS:	
△	
△	
△	
△	
△	
△	
ISSUE DATES:	
PLANNING/SUBMITTAL SET	DRAWN BY:
DESIGN DEVELOPMENT SET	-
PLANS/CHECK SET	CHECKED BY:
PERMIT SET	-
BID SET	McA PROJECT NO:
CONSTRUCTION SET	15-007 AV

COMMUNITY ROOM AV BOOTH

**RM Public Library
71-100 Highway 111
Rancho Mirage, CA**

for
**City of Rancho Mirage
Rancho Mirage, CA
CP 16-326**

SHEET TITLE:
PERSPECTIVES

SHEET NUMBER:
A6.0

8/18/2016 11:08:54 AM

SECTION 011000 - SUMMARY	PART 5 - EXECUTION	PART 10 - PRODUCTS	3. Locations of reinforcement and preparations for hardware.	215 WARRANTY	2. Warranty Period: Three years from date of Substantial Completion unless otherwise indicated below:
PART 1 - GENERAL	SCHEDULE 0 - EXAMINATION	10.1 PLASTIC-LAMINATE-FACED CABINETS	4. Details of each different wall opening condition.	A. Manufacturer's Special Warranty: Manufacturer agrees to repair or replace components of sliding aluminum-framed glass doors that fail in materials or workmanship within specified warranty period.	a. Manual Closers: 10 years from date of Substantial Completion.
1.1 PROJECT INFORMATION	PRODUCT DATA SHEET 0 - If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.	A. Grade: Premium.	5. Details of anchorages, joints, field splices, and connections.	1. Failures include, but are not limited to, the following:	PART 24 - PRODUCTS
A. Project Identification: Community Room AV Booth for the Rancho Mirage Public Library.	PRODUCT DATA SHEET 1 - Examine materials upon arrival at site. Notify the carrier and manufacturer of any damage.	B. Type of Construction: Frameless.	6. Details of accessories.	a. Failure to meet performance requirements.	24.1 PERFORMANCE REQUIREMENTS
1. Project Location: 71-100 Highway 111, Rancho Mirage, CA 92270.	SCHEDULE 1 - INSTALLATION	C. Door and Drawer-Front Style: Flush overlay.	PART 16 - PRODUCTS	b. Structural failures including excessive deflection.	A. Accessibility Requirements: For door hardware on doors in an accessible route, comply with ICC A117.1 and California Building Code Chapter 11B - Accessibility to Public Buildings.
B. Owner: City of Rancho Mirage.	PRODUCT DATA SHEET 0 - Install in accordance with manufacturer's instructions.	D. Laminate Cladding for Exposed Surfaces:	16.1 MANUFACTURERS	c. Faulty operation of movable panels and hardware.	1. Provide operating devices that do not require tight grasping, pinching, or twisting of the wrist and that operate with a force of not more than 5 lbf.
1. Owner's Representative: Mr. Mark Sambito, PE, Director of Public Works, City of Rancho Mirage. Telephone number: 760.770.3244.	SCHEDULE 2 - PROTECTION	1. Horizontal Surfaces: Grade HGS.	A. Acceptable Manufacturers:	d. Deterioration of metals, metal finishes, and other materials beyond normal weathering.	2. Comply with the following maximum opening-force requirements:
C. Architect: McAuliffe & Company, Inc., Mr. Michael McAuliffe, AIA. Telephone number 760.773.0907.	PRODUCT DATA SHEET 0 - Protect installed products until completion of project.	2. Vertical Surfaces: Grade VGS.	1. Coco Door	e. Failure of glass.	a. Interior, Non-Fire-Rated Hinged Doors: 5 lbf applied perpendicular to door.
D. Architect's Consultants: Architect has retained the following design professionals who will prepare designated portions of the Contract Documents:	PRODUCT DATA SHEET 1 - Touch-up, repair or replace damaged products before Substantial Completion.	E. Materials for Semirexposed Surfaces: High-pressure decorative laminate NEMA LD 3, Grade VGS.	2. DKS Steel Door & Frame Systems, Inc.	warranty Period:	b. Sliding or Folding Doors: 5 lbf applied parallel to door at latch.
1. Structural Engineer: BG Structural Engineering Inc., Brian Gottlieb, PE. Telephone number: 760.568.3553	END OF SECTION	SECTION 055213 - PIPE AND TUBE RAILINGS	3. Steelcraft	a. Door: Two years.	c. Fire Doors: Minimum opening force allowable by authorities having jurisdiction.
2. Mechanical/Plumbing/Electrical Engineer: EquitySec Consulting Engineers, Mr. Dave Celmer, PE. Telephone number: 909.534.3596	PART 6 - GENERAL	PART 6 - GENERAL	16.2 INTERIOR DOORS AND FRAMES	b. Glazing: 10 years.	3. Bevel raised thresholds with a slope of not more than 1:2. Provide thresholds not more than 1/2 inch high.
E. Other Owner Consultants: NA	6.1 SUMMARY	A. Colors, Patterns, and Finishes: Provide materials and products that result in colors and textures of exposed laminate surfaces as indicated on Drawings.	A. SDI Heavy Duty: SDI A205.8, Level 2, cold-rolled steel sheet.	c. Metal Finish: 10 years.	4. Adjust door closer sweep periods so that, from an open position of 90 degrees, the door will take at least 5 seconds to move to a position of 12 degrees from the latch.
F. Contractor: To be determined.	6.2 SUBMITTALS	B. Cabinet Hardware:	1. Edge Construction: Model I, Full Flush	21.6 PERFORMANCE REQUIREMENTS	24.2 SCHEDULED DOOR HARDWARE
1.2 WORK COVERED BY CONTRACT DOCUMENTS	A. Steel pipe guard rails with woven-wire mesh infill panels.	1. Hinges: Frameless, concealed.	2. Core: Kraft-paper honeycomb or as recommended by manufacturer for specified application.	A. Product Standard: AAMA/WDMA/CSA 101/ISS 2/A440.	A. Provide products for each door that comply with requirements indicated in Part 2 and door hardware schedule.
A. The Work of Project: The Rancho Mirage Public Library proposes to construct an audio visual control booth to serve the existing Community Room located within the library building. This technical production area is approximately 220 square feet and is to provide an elevated space dedicated to AV support functions with storage space located beneath the booth. The Project would also create a vestibule at the existing northerly entrance to the Community Room from the adjacent Lobby.	1. Shop Drawings: Include plans, elevations, sections, details, and attachments to other work.	2. Pulls: Wire	3. Frames: Not applicable.	B. Thermal Performance: Not applicable; interior installation.	1. Door hardware is scheduled in Part 3.
The construction group is mezzanine within an existing A-3 (formerly A-2.1) space. Construction type is Type V B. The Project involves selective demolition, metal stud framing and drywall, interior finishes and AV equipment benches, new doors and interior glazing, modification of existing electrical, HVAC and fire suppression and alarm systems, and additional lighting.	6.3 PERFORMANCE REQUIREMENTS	3. Adjustable shelf supports.	4. Special Door Preparation and Reinforcing: Prep and reinforce doors to receive barn door hardware.	PART 22 - PRODUCTS	24.3 HINGES
B. Type of Contract: Single prime contract.	A. Structural Performance: Railings, including attachment to building construction, shall withstand the effects of gravity loads and the following loads and stresses within limits and under conditions indicated:	4. Locks: Door.	5. Exposed Finish: Prime.	22.1 SLIDING ALUMINUM-FRAMED GLASS DOORS	A. Hinges: BHMA A156.1; re-use existing hinges on doors scheduled to be relocated.
C. Work by Owner:	1. Handrails and Top Rails of Guards:	5. Exposed Hardware Finishes: Satin stainless steel.	PART 17 - EXECUTION	A. Basis-of-design Door System: Fleetwood 1050 series, multi-slide unit.	24.4 MECHANICAL LOCKS AND LATCHES
1. Preceding Work: None.	a. Uniform load of 50 lbf/ft, applied in any direction.	10.3 WOOD MATERIALS	17.1 EXAMINATION	B. Glazing: Insulating glass, factory glazed, fully tempered units.	A. Lock Functions: As indicated in door hardware schedule.
2. Concurrent Work: AV cabling and control wiring.	b. Concentrated load of 200 lbf applied in any direction.	A. Composite Wood and Agrifiber Products: Provide materials that comply with requirements of referenced quality standard for each type of architecture cabinet and quality grade specified unless otherwise indicated.	A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.	C. Hardware:	B. Strikes: Provide manufacturer's standard strike for each lock bolt or latchbolt complying with requirements indicated for applicable lock or latch with strike box; finished to match lock or latch.
3. Subsequent Work: AV equipment installation.	c. Uniform and concentrated loads need not be assumed to act concurrently.	1. Medium-Density Fiberboard (MDF): ANSI A208.2, Grade 130.	2. Western Window Systems	1. Pulls: Mortised locking mechanism and pulls.	C. Mortise Locks: BHMA A156.13, Operational Grade 1; stamped steel case with steel or brass parts, Series 1000.
D. Owner-Furnished Products: NA	2. Infill of Guards:	B. Anchors: Select material, type, size, and finish required for each substrate for secure anchorage. Provide metal expansion sleeves or expansion bolts for post-installed anchors. Use nonferrous metal or hot-dip galvanized anchors and inserts at inside face of exterior walls and on wood framing.	3. LaCantina Doors	2. Wheel Assemblies: Two tandem stainless steel ball-bearing rollers assemblies with 3 inch diameter rollers.	1. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
E. Contractor-Furnished, Owner-Installed Products: NA	a. Concentrated load of 50 lbf applied horizontally on an area of 1 sq. ft.	C. Adhesive for Bonding Plastic Laminate: Unpigmented contact cement.	17.2 INSTALLATION	D. Aluminum Finishes: Class I, color anodic.	a. Accurate Lock and Hardware
F. Use of Site: Limited to work in areas indicated.	b. Infill load and other loads need not be assumed to act concurrently.	PART 11 - EXECUTION	A. General: Install hollow-metal work plumb, rigid, properly aligned, and securely fastened in place. Comply with Drawings and manufacturer's written instructions.	c. Yale Security Inc.: an ASSA ABLOY Group company.	24.5 FLUSH BOLTS
1. Contractor limited use of site and building shall be as indicated on Drawings and as directed by City Staff.	PART 7 - PRODUCTS	11.1 INSTALLATION	B. Prime-Coat Touchup: Immediately after erection, sand smooth rusted or damaged areas of prime coat and apply touchup of compatible air-drying, rust-inhibitive primer.	e. Stanley Commercial Hardware, a division of Stanley Security Solutions.	A. Flush Bolts: BHMA A156.16.
2. Owner occupancy and use by public will occur during Work of this Contract.	7.1 MATERIALS	A. Assemble cabinets and complete fabrication at Project site to extent that it was not completed in the shop.	C. Touchup Painting: Cleaning and touchup painting of abraded areas of paint are specified in painting Sections.	f. Door Controls International, Inc.	1. Manufacturers: Subject to compliance with requirements, provide products by the following:
3. The area of work can be confined by an existing operable partition system within the Community Room. The operable partition must be protected from dust and damage for the duration of the Work of this Contract.	A. Steel Pipe: 1 1/2 inch x schedule 40 steel pipe top and bottom rails and panel support posts.	B. Anchor cabinets to anchors or blocking built in or directly attached to substrates. Secure with water-head cabinet installation screws.	END OF SECTION 081113	g. Door Controls International, Inc.	24.6 EXIT DEVICES AND AUXILIARY ITEMS
G. Owner's Occupancy Requirements: The Library will remain open to the public during the Work of this Contract. Portions of the Community Room not contained within the Limit of Work must remain operational and accessible during the Work.	B. Anchor Plate: Steel anchor plate 3/16 inch thick plate with 4 mounting holes.	C. Install cabinets level, plumb, and true in line to a tolerance of 1/8 inch in 96 inches using concealed shims.	SECTION 081416 - FLUSH WOOD DOORS	h. Accurate Lock and Hardware	A. Exit Devices and Auxiliary Items: BHMA A156.3.
H. Work Restrictions: As Indicated on Drawings.	C. Flange Base: Steel flat flange plain for 1 1/2 inch diameter pipe.	1. Scribe and cut cabinets to fit adjoining work, refinish cut surfaces, and repair damaged finish at cuts.	PART 18 - GENERAL	i. Stanley Security Inc.: an ASSA ABLOY Group company.	1. Manufacturers: Subject to compliance with requirements, provide products by the following:
I. Miscellaneous Provisions: NA	D. Infill Panels: Woven-wire mesh equal to McNichols 3 x 3 x 1/2 square opening, square welded mesh. Mesh to be cold rolled plain steel 1.23 lbs/square foot.	2. Install cabinets without distortion so doors and drawers fit openings and are accurately aligned. Adjust hardware to center doors and drawers in openings and to provide unnumbered operation. Complete installation of hardware and accessory items as indicated.	18.1 SUMMARY	j. Accurate Lock and Hardware	24.7 LOCK CYLINDERS
SECTION 024119 - SELECTIVE DEMOLITION	PART 8 - EXECUTION	3. Fasten wall cabinets through back, near top and bottom, and at ends not more than 16 inches o.c. with No. 10 water-head screws sized for not less than 1/2-inch penetration into wood framing, blocking, or hanging stripe No. 10 water-head sheet metal screws through metal backing or metal framing behind wall finish.	A. Section Includes:	k. Stanley Security Inc.: an ASSA ABLOY Group company.	A. Lock Cylinders: Tumbler type, constructed from brass or bronze, stainless steel, or nickel silver. Provide cylinder from same manufacturer of locking devices.
PART 2 - GENERAL	8.1 INSTALLATION, GENERAL	END OF SECTION 064116	1. Solid-core doors with wood-veneer faces.	l. Stanley Security Inc.: an ASSA ABLOY Group company.	B. Standard Lock Cylinders: BHMA A156.5; Grade 1 permanent cores; face finished to match lockset.
2.1 FIELD CONDITIONS	B. Perform cutting, drilling and fitting required for installing railings. Set railings accurately in location, alignment, and elevation, measured from established lines and levels and free of rack.	SECTION 079200 - JOINT SEALANTS	B. Related Requirements:	m. Stanley Security Inc.: an ASSA ABLOY Group company.	24.8 KEYING
A. Owner will occupy portions of building adjacent to selective demolition area.	C. Adjust guard rails before anchoring to ensure matching alignment at abutting joints.	PART 12 - GENERAL	1. Section 087100 Door Hardware for door hardware.	n. Stanley Security Inc.: an ASSA ABLOY Group company.	A. Keying System: Factory registered, complying with guidelines in BHMA A156.28, appendix. Provide one extra key blank for each lock.
B. Hazardous Materials: NA	D. Fastening to In-Place Construction: Use anchorage devices and fasteners where necessary for securing railings and for properly transferring loads to in-place construction.	12.1 JOINT SEALANTS	2. Section 095300 Staining & Transparent Finishing for field finishing doors.	o. Stanley Security Inc.: an ASSA ABLOY Group company.	1. Existing System:
2.2 UTILITY SERVICES AND MECHANICAL/ELECTRICAL SYSTEMS	8.2 FABRICATION	A. Latex joint sealants.	END OF SECTION 082313	p. Stanley Security Inc.: an ASSA ABLOY Group company.	2. Master key or grand master key locks to Owner's existing system.
A. Utility Shut Off: By City. General Contractor to request utility shut-off by City a minimum of 48 hours in advance.	A. Changes in Direction of Members: By bending.	B. Joint-sealant backing.	SECTION 087100 - DOOR HARDWARE	q. Stanley Security Inc.: an ASSA ABLOY Group company.	2. Keyed Alike: Key all cylinders to same change key.
2.3 DISPOSAL OF DEMOLISHED MATERIALS	C. Anchor Plate: Weld to bottom of steel support posts.	C. Anchor Plate: Weld to bottom of steel support posts.	A. Quality Standard: WDMA I.S.1-A.	r. Stanley Security Inc.: an ASSA ABLOY Group company.	A. Operating Trim: BHMA A156.6; Match existing unless otherwise indicated.
A. Dispose of in an EPA-approved landfill.	D. Infill Panel Attachment: Welded	D. Infill Panel Attachment: Welded	B. WDMA I.S.1-A Performance Grade:	s. Stanley Security Inc.: an ASSA ABLOY Group company.	1. Manufacturers: Subject to compliance with requirements, provide products by the following:
2.4 SELECTIVE DEMOLITION SCHEDULE	8.3 FINISHES	8.3 FINISHES	1. Heavy Duty unless otherwise indicated.	t. Stanley Security Inc.: an ASSA ABLOY Group company.	24.9 OPERATING TRIM
A. Selective demolition of items as indicated on Drawings and as necessary to perform the Work of this Contract.	A. Steel and iron: Primed with universal shop primer. Shop painted per requirements of Section 099113.	A. Steel and iron: Primed with universal shop primer. Shop painted per requirements of Section 099113.	PART 19 - PRODUCTS	u. Stanley Security Inc.: an ASSA ABLOY Group company.	A. Existing System:
1. Remove:	1. Paint:	1. Paint:	19.1 MANUFACTURERS	v. Stanley Security Inc.: an ASSA ABLOY Group company.	1. Master key or grand master key locks to Owner's existing system.
a. Portion of suspended AC-bar ceiling system.	a. Steel pipe guard rails and support posts.	a. Tremco Incorporated	A. The following are acceptable manufacturers:	w. Stanley Security Inc.: an ASSA ABLOY Group company.	2. Keyed Alike: Key all cylinders to same change key.
b. Carpet tiles as necessary to perform Work.	b. Infill wire mesh panels.	b. GE Construction Sealants	1. Algoma Hardwoods, Inc.	x. Stanley Security Inc.: an ASSA ABLOY Group company.	1. Stamping: Permanently inscribe each key with a visual key control number and include the following notation:
c. Portions of drywall ceiling/soffit/framing as necessary to perform Work.	c. Flange bases.	c. Pecora Corporation	2. Haley Brothers, Inc.	y. Stanley Security Inc.: an ASSA ABLOY Group company.	a. Notation: "DO NOT DUPLICATE."
2. Remove and Salvage:	8.4 RAILING CONNECTIONS	A. Sealant for Exposed and Concealed Joints: Manufacturer's standard nonsag paintable, nonstaining latex sealant complying with ASTM C 834 for interior joints in vertical surfaces and horizontal nontraffic surfaces.	3. Mohawk Flush Doors, Inc.	z. Stanley Security Inc.: an ASSA ABLOY Group company.	24.9 OPERATING TRIM
a. Recessed rectangular down lights.	A. Nonwelded Connections: Use mechanical or adhesive joints for permanently connecting railing components. Seal recessed holes of exposed locking screws using plastic cement filler colored to match finish of railings.	1. Manufacturers:	PART 20 - EXECUTION	aa. Stanley Security Inc.: an ASSA ABLOY Group company.	A. Section Includes:
b. Double door and metal frame entry between Lobby & Community Room.	B. Welded Connections: Use fully welded joints for permanently connecting railing components. Comply with requirements for welded connections in "Fabrication" Article whether welding is performed in the shop or in the field.	a. Tremco Incorporated	20.1 INSTALLATION	ab. Stanley Security Inc.: an ASSA ABLOY Group company.	1. Mechanical door hardware for the following:
c. Room signage affected by proposed Work.	8.5 ANCHORING POSTS	b. GE Construction Sealants	A. Hardware: For installation, see Section 087100 "Door Hardware."	ac. Stanley Security Inc.: an ASSA ABLOY Group company.	a. Swinging doors.
d. Illuminated exit signage.	A. Cover anchorage joint with flange of same metal as post, attached to post with set screws.	c. Pecora Corporation	20.2 ADJUSTING	ad. Stanley Security Inc.: an ASSA ABLOY Group company.	b. Sliding doors.
e. Fire alarm strobe/annunciator.	1. For steel pipe railings, weld flanges to post and bolt to supporting surfaces.	2. Joint-Sealant Basis-of-Design: Tremco Tremflex 834 acrylic latex sealant.	A. Operation: Rehang or replace doors that do not operate freely.	ae. Stanley Security Inc.: an ASSA ABLOY Group company.	C. Match between Veneer Leaves: Book match.
f. Lighting control keypad.	8.6 ADJUSTING AND CLEANING				

<p>1</p>	<p>2</p> <p>G. Description: 14mm veneer face with 2mm grooves.</p> <p>H. Open Area: 5% open.</p> <p>I. Joints:</p> <ol style="list-style-type: none"> 1. Concealed Joint: Tongue and groove with manufacturer provided nail clip for monolithic appearance, as shown on Drawings. 2. Reveal Joint: WoodTrends Standard Reveal Edge joint with wood filler strip and nail clip as supplied by manufacturer; joints as shown on Drawings. <p>J. Backing Material: Soundex acoustic textile; black.</p> <p>K. Mounting Method: Type A.</p> <p>L. NRC: 0.55-0.65.</p>	<p>3</p> <p>42.3 MISCELLANEOUS MATERIALS</p> <p>A. Furring: Acoustical wall panels shall be installed by means of tongue and groove connection on hardwood or metal furring. The acoustic planks are to be attached using supplied nail clips on distances of no more than 24 inches on center.</p> <p>B. Fasteners: Nail clips as supplied by acoustic panel manufacturer.</p> <p>C. Corner Trim: Solid hardwood material to match veneer species and finish; shapes include corners, closure trim, window trim; see Drawings for shapes and dimensions.</p> <p>D. Reveal Edge Filler Strip: WoodTrends Standard Reveal Edge wood filler strip and nail clip as supplied by the manufacturer for reveal joints as indicated on the Drawings.</p> <p>E. Acoustic Insulation: See Section 098000 Acoustic Insulation for insulation requirements.</p> <p>F. Furring Strips: Equal to Clark/Dietrich 7/8 inch hat channel – 20 gauge DW.</p>	<p>4</p> <p>45.2 PAINT, GENERAL</p> <p>A. MPI Standards: Products shall comply with MPI standards indicated and shall be listed in its "MPI Approved Products Lists."</p> <p>B. Material Compatibility:</p> <ol style="list-style-type: none"> 1. Materials for use within each paint system shall be compatible with one another and substrates indicated, under conditions of service and application as demonstrated by manufacturer, based on testing and field experience. 2. For each coat in a paint system, products shall be recommended in writing by topcoat manufacturers for use in paint system and on substrate indicated. <p>C. Colors: As indicated in on Drawings and per Interior Paint Schedule – Dunn Edwards colors are basis-of-design.</p> <p>PART 46 - EXECUTION</p> <p>46.1 EXAMINATION</p> <p>A. Examine substrates and conditions, with Applicator present, for compliance with requirements for maximum moisture content and other conditions affecting performance of the Work.</p> <p>B. Gypsum Board Substrates: Verify that finishing compound is sanded smooth.</p> <p>C. Verify suitability of substrates, including surface conditions and compatibility, with existing finishes and primers.</p> <p>D. Proceed with coating application only after unsatisfactory conditions have been corrected.</p> <p>46.2 PREPARATION</p> <p>A. Comply with manufacturer's written instructions and recommendations in "MPI Architectural Painting Specification Manual" applicable to substrates and paint systems indicated.</p> <p>B. Remove hardware, covers, plates, and similar items already in place that are removable and are not to be painted. If removal is impractical or impossible because of size or weight of item, provide surface-applied protection before surface preparation and painting.</p> <ol style="list-style-type: none"> 1. After completing painting operations, use workers skilled in the trades involved to reinstall items that were removed. Remove surface-applied protection if any. <p>C. Clean substrates of substances that could impair bond of paints, including dust, dirt, oil, grease, and incompatible paints and encapsulants.</p> <ol style="list-style-type: none"> 1. Remove incompatible primers and reprime substrate with compatible primers or apply tie coat as required to produce paint systems indicated. <p>D. Steel Substrates: Remove rust, loose mill scale, and shop primer, if any. Clean using methods recommended in writing by paint manufacturer.</p> <p>E. Shop-Primed Steel Substrates: Clean field welds, bolted connections, and areas where shop paint is abraded. Paint exposed areas with the same material as used for shop priming to comply with SSPC-PA 1 for touching up shop-primed surfaces.</p> <p>F. Wood Substrates:</p> <ol style="list-style-type: none"> 1. Scrape and clean knots, and apply coat of knot sealer before applying primer. 2. Sand surfaces that will be exposed to view, and dust off. 3. Prime edges, ends, faces, undersides, and backslashes of wood. 4. After priming, fill holes and imperfections in the finish surfaces with putty or plastic wood filler. Sand smooth when dried. 	<p>5</p> <p>2. Indicate VOC content.</p> <p>B. Samples for Verification: For each type of finish system and in each color and gloss of finish required.</p> <ol style="list-style-type: none"> 1. Submit Samples on representative samples of actual wood substrates, 8 inches long. 2. Apply coats on Samples in steps to show each coat required for system. 3. Label each coat of each Sample. 4. Label each Sample for location and application area. <p>C. Product List: Cross-reference to finish system and locations of application areas. Use same designations indicated on Drawings and in schedules. Include color designations.</p> <p>47.3 QUALITY ASSURANCE</p> <p>A. Mockups for each color and finish.</p> <p>PART 48 - PRODUCTS</p> <p>48.1 MANUFACTURERS</p> <p>A. The following are approved manufacturers:</p> <ol style="list-style-type: none"> 1. Benjamin Moore & Company 2. Dunn-Edwards Corporation 3. Sherwin-Williams Company <p>48.2 MATERIALS, GENERAL</p> <p>A. MPI Standards: Products shall comply with MPI standards indicated and shall be listed in its "MPI Approved Products List."</p> <p>B. Material Compatibility:</p> <ol style="list-style-type: none"> 1. Materials for use within each paint system shall be compatible with one another and substrates indicated, under conditions of service and application as demonstrated by manufacturer, based on testing and field experience. 2. For each coat in a paint system, products shall be recommended in writing by manufacturers of topcoat for use in paint system and on substrate indicated. <p>C. Stain Colors: As selected by Architect from manufacturer's full range.</p> <p>PART 49 - EXECUTION</p> <p>49.1 EXAMINATION</p> <p>A. Examine substrates and conditions, with Applicator present, for compliance with requirements for maximum moisture content and other conditions affecting performance of the Work.</p> <p>B. Verify suitability of substrates, including surface conditions and compatibility with existing finishes and primers.</p> <p>C. Proceed with finish application only after unsatisfactory conditions have been corrected.</p> <p>49.2 PREPARATION</p> <p>A. Comply with manufacturer's written instructions and recommendations in "MPI Architectural Painting Specification Manual" applicable to substrates indicated.</p> <p>B. Remove hardware, covers, plates, and similar items already in place that are removable. If removal is impractical or impossible because of size or weight of item, provide surface-applied protection before surface preparation and finishing.</p> <ol style="list-style-type: none"> 1. After completing finishing operations, use workers skilled in the trades involved to reinstall items that were removed. Remove surface-applied protection if any. <p>C. Clean and prepare surfaces to be finished according to manufacturer's written instructions for each substrate condition and as specified.</p> <ol style="list-style-type: none"> 1. Remove dust, dirt, oil, and grease by washing with a detergent solution; rise thoroughly with clean water and allow to dry. Remove grade stamps and pencil marks by sanding lightly. Remove loose wood fibers by brushing. <p>D. Interior Wood Substrates:</p> <ol style="list-style-type: none"> 1. Scrape and clean knots, and apply coat of knot sealer before applying primer. 2. Apply wood filler paste to open-grain woods, as defined in "MPI Architectural Painting Specification Manual," to produce smooth, glasslike finish. 3. Sand surfaces exposed to view and dust off. 4. After priming, fill holes and imperfections in the finish surfaces with putty or plastic wood filler. Sand smooth when dry. <p>49.3 APPLICATION</p> <p>A. Apply finishes according to manufacturer's written instructions and recommendations in "MPI Architectural Painting Specification Manual."</p> <ol style="list-style-type: none"> 1. Use applicators and techniques suited for finish and substrate indicated. 2. Do not apply finishes over labels of independent testing agencies or equipment name, identification, performance rating, or nomenclature plates. <p>B. Apply finishes to produce surface films without cloudiness, holidays, lap marks, brush marks, runs, ropiness, or other surface imperfections.</p> <p>49.4 CLEANING AND PROTECTION</p> <p>A. At end of each workday, remove rubbish, empty cans, rags, and other discarded materials from Project site.</p> <p>B. After completing final application, clean spattered surfaces. Remove spattered paints by washing, scraping, or other methods. Do not scratch or damage adjacent finished surfaces.</p> <p>C. Protect work of other trades against damage from paint application. Correct damage to work of other trades by cleaning, repairing, replacing, and refinishing, as approved by Architect, and leave in an undamaged condition.</p> <p>D. At completion of construction activities of other trades, touch up and restore damaged or defaced finished wood surfaces.</p> <p>49.5 INTERIOR WOOD-FINISH-SYSTEM SCHEDULE</p> <p>A. Wood Substrates: Wood doors.</p> <ol style="list-style-type: none"> 1. Water-based varnish over stain system – stain and sealer to match existing wood doors adjacent to the Project Area. 	<p>6</p> <p>PART 51 - PRODUCTS</p> <p>51.1 PLASTIC-LAMINATE COUNTERTOPS</p> <p>A. Quality Standard: Unless otherwise indicated, comply with the "Architectural Woodwork Standards" for grades indicated for construction, installation, and other requirements.</p> <p>B. Grade: Custom.</p> <p>C. High-Pressure Decorative Laminate: NEMA LD 3, Grade HGS.</p> <ol style="list-style-type: none"> 1. Manufacturers: Subject to compliance with requirements, provide products by one of the following: <ul style="list-style-type: none"> a. Formica Corporation b. Nevamar, a Panolam Industries International, Inc. brand c. Wilsonart <p>D. Colors, Patterns, and Finishes: Provide materials and products that result in colors and textures of exposed laminate surfaces complying with the following requirements:</p> <ol style="list-style-type: none"> 1. As indicated by manufacturer's designations. <p>E. Edge Treatment: Hard wood edge as indicated on Drawings.</p> <p>F. Core Material: Medium-density fiberboard.</p> <p>G. Core Thickness: 3/4 inch.</p> <ol style="list-style-type: none"> 1. Build up countertop thickness to 1-1/2 inches at front, back, and ends with additional layers of core material laminated to top. <p>51.2 WOOD MATERIALS</p> <p>A. Composite Wood and Agrifiber Products: Provide materials that comply with requirements of referenced quality standard for each type of woodwork and quality grade specified unless otherwise indicated.</p> <ol style="list-style-type: none"> 1. Medium-Density Fiberboard: ANSI A208.2, Grade 130. <p>51.3 ACCESSORIES</p> <p>A. Grommets for Cable Passage through Countertops: Mockett MAX2/B 10 inch by 4 inch aluminum rectangular grommet for wire passage.</p> <ol style="list-style-type: none"> 1. Finish: Black. <p>51.4 MISCELLANEOUS MATERIALS</p> <p>A. Adhesive for Bonding Plastic Laminate: Unpigmented contact cement.</p> <p>51.5 FABRICATION</p> <p>A. Fabricate countertops to dimensions, profiles, and details indicated.</p> <p>B. Complete fabrication, including assembly, to maximum extent possible before shipment to Project site. Disassemble components only as necessary for shipment and installation. Where necessary for fitting at site, provide ample allowance for scribing, trimming, and fitting.</p> <p>C. Shop cut openings to maximum extent possible to receive appliances, plumbing fixtures, electrical work, and similar items. Locate openings accurately and use templates or rough-in diagrams to produce accurately sized and shaped openings. Sand edges of cutouts to remove splinters and burrs.</p> <p>PART 52 - EXECUTION</p> <p>52.1 INSTALLATION</p> <p>A. Grade: Install countertops and countertop supports to comply with same grade as item to be installed.</p> <p>B. Assemble countertops and complete fabrication at Project site to the extent that it was not completed in the shop.</p> <ol style="list-style-type: none"> 1. Provide cutouts for appliances, plumbing fixtures, electrical work, and similar items. 2. Seal edges of cutouts by saturating with varnish. <p>C. Field Jointing: Where possible, make in the same manner as shop jointing, using dowels, splines, adhesives, and fasteners recommended by manufacturer. Prepare edges to be joined in shop so Project-site processing of top and edge surfaces is not required. Locate field joints where shown on Shop Drawings.</p> <p>D. Install countertops level, plumb, true, and straight. Shim as required with concealed shims. Install level and plumb to a tolerance of 1/8 inch in 96 inches.</p> <p>E. Scribe and cut countertops to fit adjoining work, refinish cut surfaces, and repair damaged finish at cuts.</p> <p>F. Countertops: Anchor securely by screwing through supports into underside of countertop.</p> <ol style="list-style-type: none"> 1. Install countertops with no more than 1/8 inch in 96-inch sag, bow, or other variation from a straight line. 2. Seal junctures of tops, splashies, and walls with mildew-resistant silicone sealant or another permanently elastic sealing compound recommended by countertop material manufacturer. <p>52.2 ADJUSTING AND CLEANING</p> <p>A. Repair damaged and defective countertops, where possible, to eliminate functional and visual defects; where not possible to repair, replace woodwork. Adjust joinery for uniform appearance.</p> <p>B. Clean countertops. Touch up shop-applied finishes to restore damaged or soiled areas.</p> <p>END OF SECTION 123623</p>
<p>A</p>	<p>42.4 PERFORMANCE REQUIREMENTS</p> <p>A. Fire-Test-Response Characteristics: Units shall comply with "Surface-Burning Characteristics" as determined by testing identical products by UL or another testing and inspecting agency acceptable to authorities having jurisdiction.</p> <ol style="list-style-type: none"> 1. Surface-Burning Characteristics: Comply with ASTM E 84 Class C, testing by a qualified testing agency. Identify products with appropriate markings of applicable testing agency. <ul style="list-style-type: none"> a. Flame-Spread Index: 76 to 200. b. Smoke-Developed Index: 450 or less. <p>B. NRC Acoustic Characteristics: Acoustical Wall Panels system shall have a minimum NRC rating of 0.55 when tested in accordance with ASTM C-423.</p> <p>PART 43 - EXECUTION</p> <p>43.1 EXAMINATION</p> <p>A. Examine substrates, areas, and conditions for compliance with requirements, installation tolerances, and other conditions affecting unit performance.</p> <p>B. Proceed with installation only after unsatisfactory conditions have been corrected.</p> <p>43.2 FABRICATION</p> <p>A. Factory finished acoustic panels shall be square, true to size and free from twist or other defects that could affect their strength or appearance. Factory applied finish should be uniform, smooth and without blemishes.</p> <p>43.3 PREPARATION</p> <p>A. Layout: The Contractor and/ or Installation Company shall measure all wall areas, and establish the layout of the acoustical panels and support framing, in accordance with the manufacturer's printed installation guidelines.</p> <p>43.4 INSTALLATION</p> <p>A. Install units in locations indicated. Unless otherwise indicated, install units with vertical surfaces and edges plumb, top edges level and in alignment with other units, faces flush, and scribed to fit adjoining work accurately at borders and at penetrations.</p> <p>B. Comply with manufacturer's written instructions for installation of units using type of mounting devices indicated. Mount units securely to supporting substrate.</p> <p>C. Align pattern and grain with adjacent units and as indicated on Drawings.</p> <p>43.5 INSTALLATION TOLERANCES</p> <p>A. Variation from Plumb and Level: Plus or minus 1/16 inch in 48 inches, noncumulative.</p> <p>B. Variation of Joint Width: Not more than 1/16-inch variation from hairline in 48 inches, noncumulative.</p> <p>43.6 CLEANING AND PROTECTION</p> <p>A. Upon completion of the installation, remove dust from surface, grooves and penetrations by vacuuming using only a soft brush. DO NOT scratch wood surface with sharp metal or plastic vacuum attachment. Remove pencil marks with soft eraser. Remove general surface dirt, dust, grease, oils, and fingerprints with a soft damp warm cloth with a mild diluted cleaning agent. Wipe dry with a soft dry cloth. Do not use cleaners with grit or cloths that could scratch the wood surface.</p> <p>B. Protect sound absorbing wall system against damage from construction operations and placement of equipment and fixtures during the remainder of construction period.</p> <p>END OF SECTION 098433</p> <p>SECTION 099123 - INTERIOR PAINTING</p> <p>PART 44 - GENERAL</p> <p>44.1 SUMMARY</p> <p>A. Section includes surface preparation and the application of paint systems on the following interior substrates:</p> <ol style="list-style-type: none"> 1. Steel and iron. 2. Wood. 3. Gypsum board. <p>B. Related Requirements:</p> <ol style="list-style-type: none"> 1. Section 055000 "Metal Fabrications" for shop priming metal fabrications. 2. Section 055133 "Inclined Metal Ladders" for field painting inclined ladders. 3. Section 055213 "Pipe and Tube Railings" for shop priming and painting pipe and tube railings. 4. Section 081213 "Hollow Metal Doors" for shop priming and field painting of hollow metal doors. 5. Section 099300 "Staining and Transparent Finishing" for surface preparation and the application of wood stains and transparent finishes on interior wood substrates. 	<p>46.3 APPLICATION</p> <p>A. Apply paints according to manufacturer's written instructions and to recommendations in "MPI Manual."</p> <ol style="list-style-type: none"> 1. Use applicators and techniques suited for paint and substrate indicated. 2. Paint surfaces behind movable equipment and furniture same as similar exposed surfaces. Before final installation, paint surfaces behind permanently fixed equipment or furniture with prime coat only. 3. Paint front and backslashes of access panels, removable or hinged covers, and similar hinged items to match exposed surfaces. 4. Do not paint over labels of independent testing agencies or equipment name, identification, performance rating, or nomenclature plates. 5. Primers specified in painting schedules may be omitted on items that are factory primed or factory finished if acceptable to topcoat manufacturers. <p>B. Tint each undercoat a lighter shade to facilitate identification of each coat if multiple coats of same material are to be applied. Tint undercoats to match color of topcoat, but provide sufficient difference in shade of undercoats to distinguish each separate coat.</p> <p>C. If undercoats or other conditions show through topcoat, apply additional coats until cured film has a uniform paint finish, color, and appearance.</p> <p>D. Apply paints to produce surface films without cloudiness, spotting, holidays, laps, brush marks, roller tracking, runs, sags, ropiness, or other surface imperfections. Cut in sharp lines and color breaks.</p> <p>E. Painting Fire Suppression, Plumbing, HVAC, Electrical, Communication, and Electronic Safety and Security Work:</p> <ol style="list-style-type: none"> 1. Paint portions of internal surfaces of metal ducts, without liner, behind air inlets and outlets that are visible from occupied spaces. <p>46.4 CLEANING AND PROTECTION</p> <p>A. At end of each workday, remove rubbish, empty cans, rags, and other discarded materials from Project site.</p> <p>B. After completing final application, clean spattered surfaces. Remove spattered paints by washing, scraping, or other methods. Do not scratch or damage adjacent finished surfaces.</p> <p>C. Protect work of other trades against damage from paint application. Correct damage to work of other trades by cleaning, repairing, replacing, and refinishing, as approved by Architect, and leave in an undamaged condition.</p> <p>D. At completion of construction activities of other trades, touch up and restore damaged or defaced painted surfaces.</p> <p>46.5 INTERIOR PAINTING SCHEDULE</p> <p>A. Steel Substrates: Hollow Metal Doors.</p> <ol style="list-style-type: none"> 1. Premium Architectural Coating over Alkyd Primer System: <ul style="list-style-type: none"> a. Prime Coat: Primer, alkyd, anti-corrosive, for metal, Dunn-Edwards, Bloc-Rust Premium BRPR00-1 Series, MPI #79. b. Intermediate Coat: Latex, interior, matching topcoat. c. Topcoat: Latex, interior, low sheen, Dunn-Edwards, Spartawall SWLL40, (Gloss Level 4), MPI #43. 2. Steel Substrates: Inclined Metal Ladders, Pipe & Tube Railings, and Misc. Exposed Steel. <ul style="list-style-type: none"> 1. Premium Architectural Coating over Alkyd Primer System: <ul style="list-style-type: none"> a. Prime Coat: Primer, alkyd, anti-corrosive, for metal, Dunn-Edwards, Bloc-Rust Premium BRPR00-1 Series, MPI #79. b. Intermediate Coat: Latex, interior, matching topcoat. c. Topcoat: Latex, interior, semi-gloss, Dunn-Edwards, Spartashield SSHL60, (Gloss Level 6), MPI #14. <p>C. Wood Substrates: Wood trim.</p> <ol style="list-style-type: none"> 1. Premium Architectural Coating System: <ul style="list-style-type: none"> a. Prime Coat: Primer, latex, for interior wood, Dunn-Edwards, Inter-Kote IKPR00. b. Intermediate Coat: Latex, interior, matching topcoat. c. Topcoat: Latex, interior, semi-gloss, Dunn-Edwards, Spartazero SZRO50, (Gloss Level 5), MPI #54. 2. Gypsum Board Substrates: <ul style="list-style-type: none"> 1. Premium Architectural Coating System: <ul style="list-style-type: none"> a. Prime Coat: Primer sealer, latex, interior, Dunn-Edwards, Vinylastic Select VNSL00, MPI #50. b. Intermediate Coat: Latex, interior, matching topcoat. c. Topcoat: Latex, interior, low sheen, Dunn-Edwards, Spartawall SWLL40, (Gloss Level 4), MPI #43. Basis-of-design: MATCH EXISTING WALL SHEEN. <p>END OF SECTION 099123</p> <p>SECTION 099300 - STAINING AND TRANSPARENT FINISHING</p> <p>PART 47 - GENERAL</p> <p>47.1 SUMMARY</p> <p>A. Section includes surface preparation and application of wood stains and transparent finishes on the following substrates:</p> <ol style="list-style-type: none"> 1. Interior Substrates: <ul style="list-style-type: none"> a. Wood doors. <p>47.2 SUBMITTALS</p> <p>A. Product Data: For each type of product. Include preparation requirements and application instructions.</p> <ol style="list-style-type: none"> 1. Include printout of current "MPI Approved Products List" for each product category specified, with the proposed product highlighted. 	<p>48.3 EXAMINATION</p> <p>A. Examine substrates and conditions, with Applicator present, for compliance with requirements for maximum moisture content and other conditions affecting performance of the Work.</p> <p>B. Verify suitability of substrates, including surface conditions and compatibility with existing finishes and primers.</p> <p>C. Proceed with finish application only after unsatisfactory conditions have been corrected.</p> <p>48.2 PREPARATION</p> <p>A. Comply with manufacturer's written instructions and recommendations in "MPI Architectural Painting Specification Manual" applicable to substrates indicated.</p> <p>B. Remove hardware, covers, plates, and similar items already in place that are removable. If removal is impractical or impossible because of size or weight of item, provide surface-applied protection before surface preparation and finishing.</p> <ol style="list-style-type: none"> 1. After completing finishing operations, use workers skilled in the trades involved to reinstall items that were removed. Remove surface-applied protection if any. <p>C. Clean and prepare surfaces to be finished according to manufacturer's written instructions for each substrate condition and as specified.</p> <ol style="list-style-type: none"> 1. Remove dust, dirt, oil, and grease by washing with a detergent solution; rise thoroughly with clean water and allow to dry. Remove grade stamps and pencil marks by sanding lightly. Remove loose wood fibers by brushing. <p>D. Interior Wood Substrates:</p> <ol style="list-style-type: none"> 1. Scrape and clean knots, and apply coat of knot sealer before applying primer. 2. Apply wood filler paste to open-grain woods, as defined in "MPI Architectural Painting Specification Manual," to produce smooth, glasslike finish. 3. Sand surfaces exposed to view and dust off. 4. After priming, fill holes and imperfections in the finish surfaces with putty or plastic wood filler. Sand smooth when dry. <p>49.3 APPLICATION</p> <p>A. Apply finishes according to manufacturer's written instructions and recommendations in "MPI Architectural Painting Specification Manual."</p> <ol style="list-style-type: none"> 1. Use applicators and techniques suited for finish and substrate indicated. 2. Do not apply finishes over labels of independent testing agencies or equipment name, identification, performance rating, or nomenclature plates. <p>B. Apply finishes to produce surface films without cloudiness, holidays, lap marks, brush marks, runs, ropiness, or other surface imperfections.</p> <p>49.4 CLEANING AND PROTECTION</p> <p>A. At end of each workday, remove rubbish, empty cans, rags, and other discarded materials from Project site.</p> <p>B. After completing final application, clean spattered surfaces. Remove spattered materials by washing, scraping, or other methods. Do not scratch or damage adjacent finished surfaces.</p> <p>C. Protect work of other trades against damage from finish application. Correct damage by cleaning, repairing, replacing, and refinishing, as approved by Architect, and leave in an undamaged condition.</p> <p>D. At completion of construction activities of other trades, touch up and restore damaged or defaced finished wood surfaces.</p> <p>49.5 INTERIOR WOOD-FINISH-SYSTEM SCHEDULE</p> <p>A. Wood Substrates: Wood doors.</p> <ol style="list-style-type: none"> 1. Water-based varnish over stain system – stain and sealer to match existing wood doors adjacent to the Project Area. <p>END OF SECTION 099300</p> <p>SECTION 123623 - PLASTIC-LAMINATE-CLAD COUNTERTOPS</p> <p>PART 50 - GENERAL</p> <p>50.1 SUMMARY</p> <p>A. Section includes:</p> <ol style="list-style-type: none"> 1. Plastic-laminate countertops 2. Plastic-laminate countertop supports. <p>50.2 SUBMITTALS</p> <p>A. Product Data: For each type of product.</p> <p>B. Shop Drawings: Show location of each item, dimensioned plans and elevations, large-scale details, attachment devices, and other components.</p> <ol style="list-style-type: none"> 1. Show locations and sizes of cutouts and holes for installed in plastic-laminate countertops. 2. Show counter top supports. <p>C. Samples for Verification:</p> <ol style="list-style-type: none"> 1. Plastic laminates, 8 by 10 inches, for each type, color, pattern, and surface finish. <p>50.3 DELIVERY, STORAGE, AND HANDLING</p> <p>A. Do not deliver countertops until painting and similar operations that could damage countertops have been completed in installation areas. If countertops must be stored in other than installation areas, store only in areas where environmental conditions comply with requirements specified in "Field Conditions" Article.</p> <p>50.4 FIELD CONDITIONS</p> <p>A. Field Measurements: Where countertops are indicated to fit to other construction, verify dimensions of other construction by field measurements before fabrication, and indicate measurements on Shop Drawings. Coordinate fabrication schedule with construction progress to avoid delaying the Work.</p>	<p>51.5 FABRICATION</p> <p>A. Fabricate countertops to dimensions, profiles, and details indicated.</p> <p>B. Complete fabrication, including assembly, to maximum extent possible before shipment to Project site. Disassemble components only as necessary for shipment and installation. Where necessary for fitting at site, provide ample allowance for scribing, trimming, and fitting.</p> <p>C. Shop cut openings to maximum extent possible to receive appliances, plumbing fixtures, electrical work, and similar items. Locate openings accurately and use templates or rough-in diagrams to produce accurately sized and shaped openings. Sand edges of cutouts to remove splinters and burrs.</p> <p>PART 52 - EXECUTION</p> <p>52.1 INSTALLATION</p> <p>A. Grade: Install countertops and countertop supports to comply with same grade as item to be installed.</p> <p>B. Assemble countertops and complete fabrication at Project site to the extent that it was not completed in the shop.</p> <ol style="list-style-type: none"> 1. Provide cutouts for appliances, plumbing fixtures, electrical work, and similar items. 2. Seal edges of cutouts by saturating with varnish. <p>C. Field Jointing: Where possible, make in the same manner as shop jointing, using dowels, splines, adhesives, and fasteners recommended by manufacturer. Prepare edges to be joined in shop so Project-site processing of top and edge surfaces is not required. Locate field joints where shown on Shop Drawings.</p> <p>D. Install countertops level, plumb, true, and straight. Shim as required with concealed shims. Install level and plumb to a tolerance of 1/8 inch in 96 inches.</p> <p>E. Scribe and cut countertops to fit adjoining work, refinish cut surfaces, and repair damaged finish at cuts.</p> <p>F. Countertops: Anchor securely by screwing through supports into underside of countertop.</p> <ol style="list-style-type: none"> 1. Install countertops with no more than 1/8 inch in 96-inch sag, bow, or other variation from a straight line. 2. Seal junctures of tops, splashies, and walls with mildew-resistant silicone sealant or another permanently elastic sealing compound recommended by countertop material manufacturer. <p>52.2 ADJUSTING AND CLEANING</p> <p>A. Repair damaged and defective countertops, where possible, to eliminate functional and visual defects; where not possible to repair, replace woodwork. Adjust joinery for uniform appearance.</p> <p>B. Clean countertops. Touch up shop-applied finishes to restore damaged or soiled areas.</p> <p>END OF SECTION 123623</p>	<p>51.5 FABRICATION</p> <p>A. Fabricate countertops to dimensions, profiles, and details indicated.</p> <p>B. Complete fabrication, including assembly, to maximum extent possible before shipment to Project site. Disassemble components only as necessary for shipment and installation. Where necessary for fitting at site, provide ample allowance for scribing, trimming, and fitting.</p> <p>C. Shop cut openings to maximum extent possible to receive appliances, plumbing fixtures, electrical work, and similar items. Locate openings accurately and use templates or rough-in diagrams to produce accurately sized and shaped openings. Sand edges of cutouts to remove splinters and burrs.</p> <p>PART 52 - EXECUTION</p> <p>52.1 INSTALLATION</p> <p>A. Grade: Install countertops and countertop supports to comply with same grade as item to be installed.</p> <p>B. Assemble countertops and complete fabrication at Project site to the extent that it was not completed in the shop.</p> <ol style="list-style-type: none"> 1. Provide cutouts for appliances, plumbing fixtures, electrical work, and similar items. 2. Seal edges of cutouts by saturating with varnish. <p>C. Field Jointing: Where possible, make in the same manner as shop jointing, using dowels, splines, adhesives, and fasteners recommended by manufacturer. Prepare edges to be joined in shop so Project-site processing of top and edge surfaces is not required. Locate field joints where shown on Shop Drawings.</p> <p>D. Install countertops level, plumb, true, and straight. Shim as required with concealed shims. Install level and plumb to a tolerance of 1/8 inch in 96 inches.</p> <p>E. Scribe and cut countertops to fit adjoining work, refinish cut surfaces, and repair damaged finish at cuts.</p> <p>F. Countertops: Anchor securely by screwing through supports into underside of countertop.</p> <ol style="list-style-type: none"> 1. Install countertops with no more than 1/8 inch in 96-inch sag, bow, or other variation from a straight line. 2. Seal junctures of tops, splashies, and walls with mildew-resistant silicone sealant or another permanently elastic sealing compound recommended by countertop material manufacturer. <p>52.2 ADJUSTING AND CLEANING</p> <p>A. Repair damaged and defective countertops, where possible, to eliminate functional and visual defects; where not possible to repair, replace woodwork. Adjust joinery for uniform appearance.</p> <p>B. Clean countertops. Touch up shop-applied finishes to restore damaged or soiled areas.</p> <p>END OF SECTION 123623</p>
<p>B</p>	<p>42.4 PERFORMANCE REQUIREMENTS</p> <p>A. Fire-Test-Response Characteristics: Units shall comply with "Surface-Burning Characteristics" as determined by testing identical products by UL or another testing and inspecting agency acceptable to authorities having jurisdiction.</p> <ol style="list-style-type: none"> 1. Surface-Burning Characteristics: Comply with ASTM E 84 Class C, testing by a qualified testing agency. Identify products with appropriate markings of applicable testing agency. <ul style="list-style-type: none"> a. Flame-Spread Index: 76 to 200. b. Smoke-Developed Index: 450 or less. <p>B. NRC Acoustic Characteristics: Acoustical Wall Panels system shall have a minimum NRC rating of 0.55 when tested in accordance with ASTM C-423.</p> <p>PART 43 - EXECUTION</p> <p>43.1 EXAMINATION</p> <p>A. Examine substrates, areas, and conditions for compliance with requirements, installation tolerances, and other conditions affecting unit performance.</p> <p>B. Proceed with installation only after unsatisfactory conditions have been corrected.</p> <p>43.2 FABRICATION</p> <p>A. Factory finished acoustic panels shall be square, true to size and free from twist or other defects that could affect their strength or appearance. Factory applied finish should be uniform, smooth and without blemishes.</p> <p>43.3 PREPARATION</p> <p>A. Layout: The Contractor and/ or Installation Company shall measure all wall areas, and establish the layout of the acoustical panels and support framing, in accordance with the manufacturer's printed installation guidelines.</p> <p>43.4 INSTALLATION</p> <p>A. Install units in locations indicated. Unless otherwise indicated, install units with vertical surfaces and edges plumb, top edges level and in alignment with other units, faces flush, and scribed to fit adjoining work accurately at borders and at penetrations.</p> <p>B. Comply with manufacturer's written instructions for installation of units using type of mounting devices indicated. Mount units securely to supporting substrate.</p> <p>C. Align pattern and grain with adjacent units and as indicated on Drawings.</p> <p>43.5 INSTALLATION TOLERANCES</p> <p>A. Variation from Plumb and Level: Plus or minus 1/16 inch in 48 inches, noncumulative.</p> <p>B. Variation of Joint Width: Not more than 1/16-inch variation from hairline in 48 inches, noncumulative.</p> <p>43.6 CLEANING AND PROTECTION</p> <p>A. Upon completion of the installation, remove dust from surface, grooves and penetrations by vacuuming using only a soft brush. DO NOT scratch wood surface with sharp metal or plastic vacuum attachment. Remove pencil marks with soft eraser. Remove general surface dirt, dust, grease, oils, and fingerprints with a soft damp warm cloth with a mild diluted cleaning agent. Wipe dry with a soft dry cloth. Do not use cleaners with grit or cloths that could scratch the wood surface.</p> <p>B. Protect sound absorbing wall system against damage from construction operations and placement of equipment and fixtures during the remainder of construction period.</p> <p>END OF SECTION 098433</p> <p>SECTION 099123 - INTERIOR PAINTING</p> <p>PART 44 - GENERAL</p> <p>44.1 SUMMARY</p> <p>A. Section includes surface preparation and the application of paint systems on the following interior substrates:</p> <ol style="list-style-type: none"> 1. Steel and iron. 2. Wood. 3. Gypsum board. <p>B. Related Requirements:</p> <ol style="list-style-type: none"> 1. Section 055000 "Metal Fabrications" for shop priming metal fabrications. 2. Section 055133 "Inclined Metal Ladders" for field painting inclined ladders. 3. Section 055213 "Pipe and Tube Railings" for shop priming and painting pipe and tube railings. 4. Section 081213 "Hollow Metal Doors" for shop priming and field painting of hollow metal doors. 5. Section 099300 "Staining and Transparent Finishing" for surface preparation and the application of wood stains and transparent finishes on interior wood substrates. 	<p>46.3 APPLICATION</p> <p>A. Apply paints according to manufacturer's written instructions and to recommendations in "MPI Manual."</p> <ol style="list-style-type: none"> 1. Use applicators and techniques suited for paint and substrate indicated. 2. Paint surfaces behind movable equipment and furniture same as similar exposed surfaces. Before final installation, paint surfaces behind permanently fixed equipment or furniture with prime coat only. 3. Paint front and backslashes of access panels, removable or hinged covers, and similar hinged items to match exposed surfaces. 4. Do not paint over labels of independent testing agencies or equipment name, identification, performance rating, or nomenclature plates. 5. Primers specified in painting schedules may be omitted on items that are factory primed or factory finished if acceptable to topcoat manufacturers. <p>B. Tint each undercoat a lighter shade to facilitate identification of each coat if multiple coats of same material are to be applied. Tint undercoats to match color of topcoat, but provide sufficient difference in shade of undercoats to distinguish each separate coat.</p> <p>C. If undercoats or other conditions show through topcoat, apply additional coats until cured film has a uniform paint finish, color, and appearance.</p> <p>D. Apply paints to produce surface films without cloudiness, spotting, holidays, laps, brush marks, roller tracking, runs, sags, ropiness, or other surface imperfections. Cut in sharp lines and color breaks.</p> <p>E. Painting Fire Suppression, Plumbing, HVAC, Electrical, Communication, and Electronic Safety and Security Work:</p> <ol style="list-style-type: none"> 1. Paint portions of internal surfaces of metal ducts, without liner, behind air inlets and outlets that are visible from occupied spaces. <p>46.4 CLEANING AND PROTECTION</p> <p>A. At end of each workday, remove rubbish, empty cans, rags, and other discarded materials from Project site.</p> <p>B. After completing final application, clean spattered surfaces. Remove spattered paints by washing, scraping, or other methods. Do not scratch or damage adjacent finished surfaces.</p> <p>C. Protect work of other trades against damage from paint application. Correct damage to work of other trades by cleaning, repairing, replacing, and refinishing, as approved by Architect, and leave in an undamaged condition.</p> <p>D. At completion of construction activities of other trades, touch up and restore damaged or defaced painted surfaces.</p> <p>46.5 INTERIOR PAINTING SCHEDULE</p> <p>A. Steel Substrates: Hollow Metal Doors.</p> <ol style="list-style-type: none"> 1. Premium Architectural Coating over Alkyd Primer System: <ul style="list-style-type: none"> a. Prime Coat: Primer, alkyd, anti-corrosive, for metal, Dunn-Edwards, Bloc-Rust Premium BRPR00-1 Series, MPI #79. b. Intermediate Coat: Latex, interior, matching topcoat. c. Topcoat: Latex, interior, low sheen, Dunn-Edwards, Spartawall SWLL40, (Gloss Level 4), MPI #43. 2. Steel Substrates: Inclined Metal Ladders, Pipe & Tube Railings, and Misc. Exposed Steel. <ul style="list-style-type: none"> 1. Premium Architectural Coating over Alkyd Primer System: <ul style="list-style-type: none"> a. Prime Coat: Primer, alkyd, anti-corrosive, for metal, Dunn-Edwards, Bloc-Rust Premium BRPR00-1 Series, MPI #79. b. Intermediate Coat: Latex, interior, matching topcoat. c. Topcoat: Latex, interior, semi-gloss, Dunn-Edwards, Spartashield SSHL60, (Gloss Level 6), MPI #14. <p>C. Wood Substrates: Wood trim.</p> <ol style="list-style-type: none"> 1. Premium Architectural Coating System: <ul style="list-style-type: none"> a. Prime Coat: Primer, latex, for interior wood, Dunn-Edwards, Inter-Kote IKPR00. b. Intermediate Coat: Latex, interior, matching topcoat. c. Topcoat: Latex, interior, semi-gloss, Dunn-Edwards, Spartazero SZRO50, (Gloss Level 5), MPI #54. 2. Gypsum Board Substrates: <ul style="list-style-type: none"> 1. Premium Architectural Coating System: <ul style="list-style-type: none"> a. Prime Coat: Primer sealer, latex, interior, Dunn-Edwards, Vinylastic Select VNSL00, MPI #50. b. Intermediate Coat: Latex, interior, matching topcoat. c. Topcoat: Latex, interior, low sheen, Dunn-Edwards, Spartawall SWLL40, (Gloss Level 4), MPI #43. Basis-of-design: MATCH EXISTING WALL SHEEN. <p>END OF SECTION 099123</p> <p>SECTION 099300 - STAINING AND TRANSPARENT FINISHING</p> <p>PART 47 - GENERAL</p> <p>47.1 SUMMARY</p> <p>A. Section includes surface preparation and application of wood stains and transparent finishes on the following substrates:</p> <ol style="list-style-type: none"> 1. Interior Substrates: <ul style="list-style-type: none"> a. Wood doors. <p>47.2 SUBMITTALS</p> <p>A. Product Data: For each type of product. Include preparation requirements and application instructions.</p> <ol style="list-style-type: none"> 1. Include printout of current "MPI Approved Products List" for each product category specified, with the proposed product highlighted. 	<p>48.3 EXAMINATION</p> <p>A. Examine substrates and conditions, with Applicator present, for compliance with requirements for maximum moisture content and other conditions affecting performance of the Work.</p> <p>B. Verify suitability of substrates, including surface conditions and compatibility with existing finishes and primers.</p> <p>C. Proceed with finish application only after unsatisfactory conditions have been corrected.</p> <p>48.2 PREPARATION</p> <p>A. Comply with manufacturer's written instructions and recommendations in "MPI Architectural Painting Specification Manual" applicable to substrates indicated.</p> <p>B. Remove hardware, covers, plates, and similar items already in place that are removable. If removal is impractical or impossible because of size or weight of item, provide surface-applied protection before surface preparation and finishing.</p> <ol style="list-style-type: none"> 1. After completing finishing operations, use workers skilled in the trades involved to reinstall items that were removed. Remove surface-applied protection if any. <p>C. Clean and prepare surfaces to be finished according to manufacturer's written instructions for each substrate condition and as specified.</p> <ol style="list-style-type: none"> 1. Remove dust, dirt, oil, and grease by washing with a detergent solution; rise thoroughly with clean water and allow to dry. Remove grade stamps and pencil marks by sanding lightly. Remove loose wood fibers by brushing. <p>D. Interior Wood Substrates:</p> <ol style="list-style-type: none"> 1. Scrape and clean knots, and apply coat of knot sealer before applying primer. 2. Apply wood filler paste to open-grain woods, as defined in "MPI Architectural Painting Specification Manual," to produce smooth, glasslike finish. 3. Sand surfaces exposed to view and dust off. 4. After priming, fill holes and imperfections in the finish surfaces with putty or plastic wood filler. Sand smooth when dry. <p>49.3 APPLICATION</p> <p>A. Apply finishes according to manufacturer's written instructions and recommendations in "MPI Architectural Painting Specification Manual."</p> <ol style="list-style-type: none"> 1. Use applicators and techniques suited for finish and substrate indicated. 2. Do not apply finishes over labels of independent testing agencies or equipment name, identification, performance rating, or nomenclature plates. <p>B. Apply finishes to produce surface films without cloudiness, holidays, lap marks, brush marks, runs, ropiness, or other surface imperfections.</p> <p>49.4 CLEANING AND PROTECTION</p> <p>A. At end of each workday, remove rubbish, empty cans, rags, and other discarded materials from Project site.</p> <p>B. After completing final application, clean spattered surfaces. Remove spattered materials by washing, scraping, or other methods. Do not scratch or damage adjacent finished surfaces.</p> <p>C. Protect work of other trades against damage from finish application. Correct damage by cleaning, repairing, replacing, and refinishing, as approved by Architect, and leave in an undamaged condition.</p> <p>D. At completion of construction activities of other trades, touch up and restore damaged or defaced finished wood surfaces.</p> <p>49.5 INTERIOR WOOD-FINISH-SYSTEM SCHEDULE</p> <p>A. Wood Substrates: Wood doors.</p> <ol style="list-style-type: none"> 1. Water-based varnish over stain system – stain and sealer to match existing wood doors adjacent to the Project Area. <p>END OF SECTION 099300</p> <p>SECTION 123623 - PLASTIC-LAMINATE-CLAD COUNTERTOPS</p> <p>PART 50 - GENERAL</p> <p>50.1 SUMMARY</p> <p>A. Section includes:</p> <ol style="list-style-type: none"> 1. Plastic-laminate countertops 2. Plastic-laminate countertop supports. <p>50.2 SUBMITTALS</p> <p>A. Product Data: For each type of product.</p> <p>B. Shop Drawings: Show location of each item, dimensioned plans and elevations, large-scale details, attachment devices, and other components.</p> <ol style="list-style-type: none"> 1. Show locations and sizes of cutouts and holes for installed in plastic-laminate countertops. 2. Show counter top supports. <p>C. Samples for Verification:</p> <ol style="list-style-type: none"> 1. Plastic laminates, 8 by 10 inches, for each type, color, pattern, and surface finish. </		