

## **BOARD OF SUPERVISORS AGENDA ITEM SUMMARY**

Requested Board Meeting Date: August 5, 2014 Addendum

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### ITEM SUMMARY, JUSTIFICATION and/or SPECIAL CONSIDERATIONS:

Approval of new improvement project by the Arizona Aerospace Foundation utilizing **no public funds** for the construction of a new enclosed hangar on the Pima Air and Space Museum grounds to house vintage aircraft in a museum setting open to the public. Contractually any expenditure over \$100,000 for improvements to Pima Air and Space Museum must be approved by the Pima County Board of Supervisors. Many of the aircraft in Pima Air and Space Museum are on loan from the U.S.A.F. and are required to be housed in an enclosed building. Construction documents have been reviewed and approved by Pima County Facilities Department (see attached letter from Facilities).

CONTRACT NUMBER (If applicable) 04-71-T-121545-0578-02

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### STAFF RECOMMENDATION(S)

**Staff approves the request to construct a new vintage aircraft hangar at Pima Air and Space Museum**

CLERK OF BOARD USE ONLY

BOS MTG DATE: \_\_\_\_\_

ITEM NO. \_\_\_\_\_

PIMA COUNTY COST: \$0.00 \_\_\_\_\_ and/or REVENUE TO PIMA COUNTY

\$ N/A \_\_\_\_\_

FUNDING SOURCE(S): N/A \_\_\_\_\_  
(i.e. General Fund, State Grant Fund, Federal Fund, Stadium Dist. Fund, etc.)

ADVERTISED PUBLIC HEARING: YES  NO

BOARD OF SUPERVISORS DISTRICT: 1 2 3 4 5  All

IMPACT:

IF APPROVED:

**Pima Air and Space Museum will be able to house additional vintage aircraft in an environmentally protected structure.**

IF DENIED:

**A new hanger to house vintage Aircraft will not be built to house vintage aircraft.**

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DEPARTMENT NAME: **Economic Development and Tourism**

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CONTACT PERSON: Tom Moulton TELEPHONE NO. 724-7355



**PIMA COUNTY**  
ECONOMIC DEVELOPMENT & TOURISM

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July 21, 2014

Yvonne Morris  
Executive Director  
Arizona Aerospace Foundation/Pima Air and Space Museum  
6000 E. Valencia  
Tucson, AZ 85756

Dear Yvonne,

This letter will serve as your conditional approval, pursuant to the operating agreement with Pima County, to move forward on the Hanger 5 project as outlined and indicated in your construction and site plan update in your July 10, 2014 letter. This approval is subject to the final authorization of the Pima County Board of Supervisors which is tentatively scheduled to be heard on August 5, 2014. As always this project is subject to any and all applicable Pima County, State and Federal rules and regulations.

Please keep Mike Holmes informed on the progress of this project and both Mike Holmes and Gale Bundrick will be conducting a site visit as the project progresses.

Congratulations on the newest expansion project of Pima Air and Space Museum. We wish you and your team the best. Please let us know how we can assist you in the future.

Sincerely,

Tom Moulton  
Director – ED&T

Attachments:

c: Mike Holmes, ED&T Operations  
Gale Bundrick, ED&T Assets  
C.H. Huckelberry, County Administrator  
Hank Atha, Deputy County Administrator



# THE ARIZONA AEROSPACE FOUNDATION

## Board of Trustees

July 10, 2014

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*Military Advisor*  
Col. Kevin E. Blanchard  
USAF

*Executive Director*  
Yvonne C. Morris

Mr. Tom Moulton  
Director, Pima County Economic Development and Tourism  
33 North Stone Avenue, Suite 830  
Tucson, AZ 85701

Re: Request to Build New Hangar at the Pima Air & Space Museum

Dear Mr. Moulton:

The Arizona Aerospace Foundation would like to undertake a new building project at the Pima Air & Space Museum. The Foundation proposes to build a 27,000 square foot hangar (to be designated as Hangar 5) just south of the wash that bisects the museum and due east of our existing Hangar 4. The new hangar will house WWII and Pacific Theater aircraft and will enable the museum to display aircraft currently in restoration that cannot be displayed outdoors, including a B-26 Marauder, a P-47 Thunderbolt and the iconic P-38 Lightning. The Board of Trustees has approved the construction project with a budget of up to \$2.5 million. No public monies will be used for this project, and we have two-thirds of the funds already on hand.

The Foundation has retained Acorn Associates Architecture, LTD to provide the architectural and engineering services for this project, including handling the bidding process for us. Attached are several preliminary schematics of the proposed hangar, as well as a rendering of the project from three perspectives and an updated site plan for the museum showing the proposed location of the new hangar. Both the renderings and the updated site plan also reflect the proposed locations of the Cold War Hangar (Hangar 6) and Auditorium that the Foundation hopes to build in the future if the Cold War Hangar bond project is approved. I thought it would be useful for the County to see how the Foundation plans to develop this entire section of the museum, beginning with Hangar 5. As you will see annotated on schematic A1, we are aware that the location for the proposed Hangar 5 is in the FEMA floodplain and we are raising the elevation of the hangar to compensate.

With this project, the Foundation will take yet another step toward improving the visitor experience here at the museum. The Board of Trustees is extremely pleased and proud to be able to complete this project, and we hope Pima County will be proud of it as well. Please let me know if Pima County approves this project, or if you need any additional information.

A Non-profit Organization

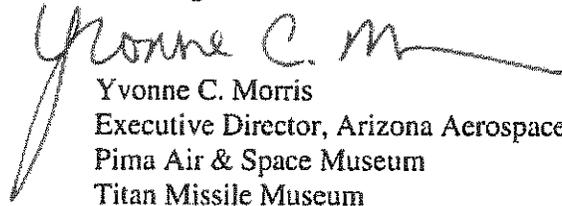
PIMA AIR & SPACE MUSEUM - TUCSON  
6000 E. Valencia Rd., Tucson, AZ 85756  
Phone: (520) 574-0462 / Fax: (520) 574-9238  
[www.pimaair.org](http://www.pimaair.org)

TITAN MISSILE MUSEUM - SAHUARITA  
1580 W. Duval Mine Rd., Green Valley, AZ 85614  
Phone: (520) 625-7736 / Fax: (520) 625-9845  
[www.titanmissilemuseum.org](http://www.titanmissilemuseum.org)

04/03/14

As always, thank you for your assistance with this matter. Please don't hesitate to let me know if you have any questions.

Best Regards,



Yvonne C. Morris  
Executive Director, Arizona Aerospace Foundation  
Pima Air & Space Museum  
Titan Missile Museum

VALENCIA ROAD

MESE/ENTRANCE ACCESS

EXISTING SOUNDING GALLERY

EXISTING GALLERY

EXISTING RESTAURANT

EXISTING WITH ARCHIVAL MUSEUM

EXISTING OFF SHOPS

EXISTING FLOOR CENTRAL PARTITION

EXISTING HANGAR ONE PARTITION

EXISTING RESTROOM

EXISTING GARAGE

EXISTING BARBERS

EXISTING RESTROOM

HANGAR 5

AUDITORIUM

HANGAR 6

SITE FENCE - TRUCK

EXISTING WAREHOUSE

EXISTING RESTROOM

EXISTING HOUSE

EXISTING HOUSE

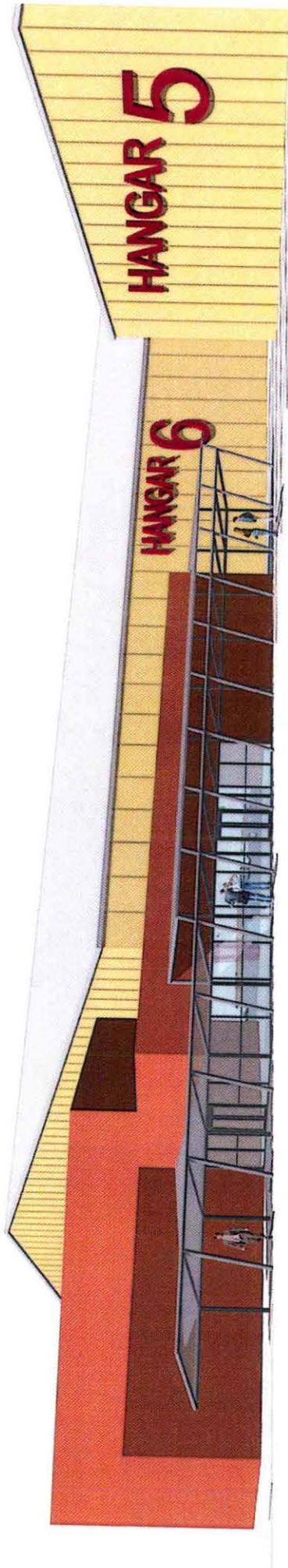
EXISTING HOUSE

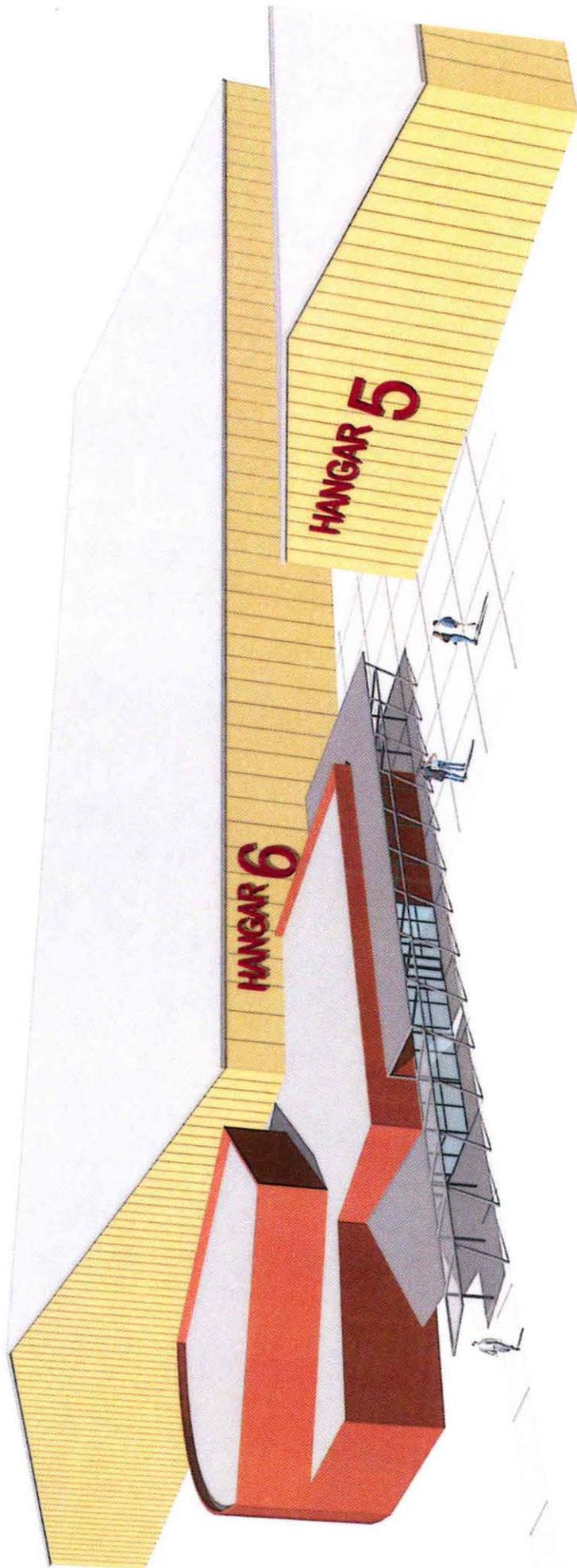
EXISTING HOUSE

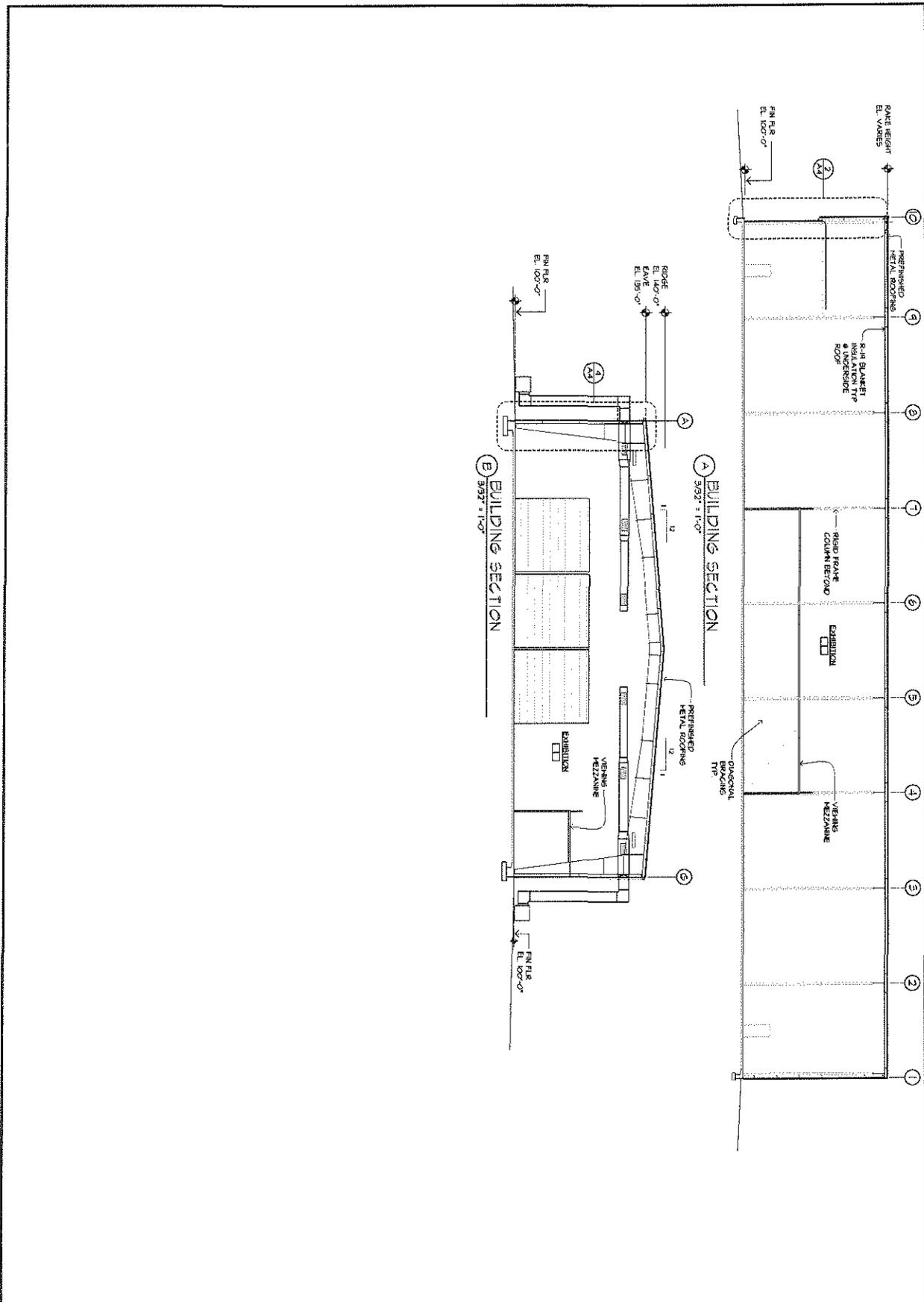


SITE PLAN









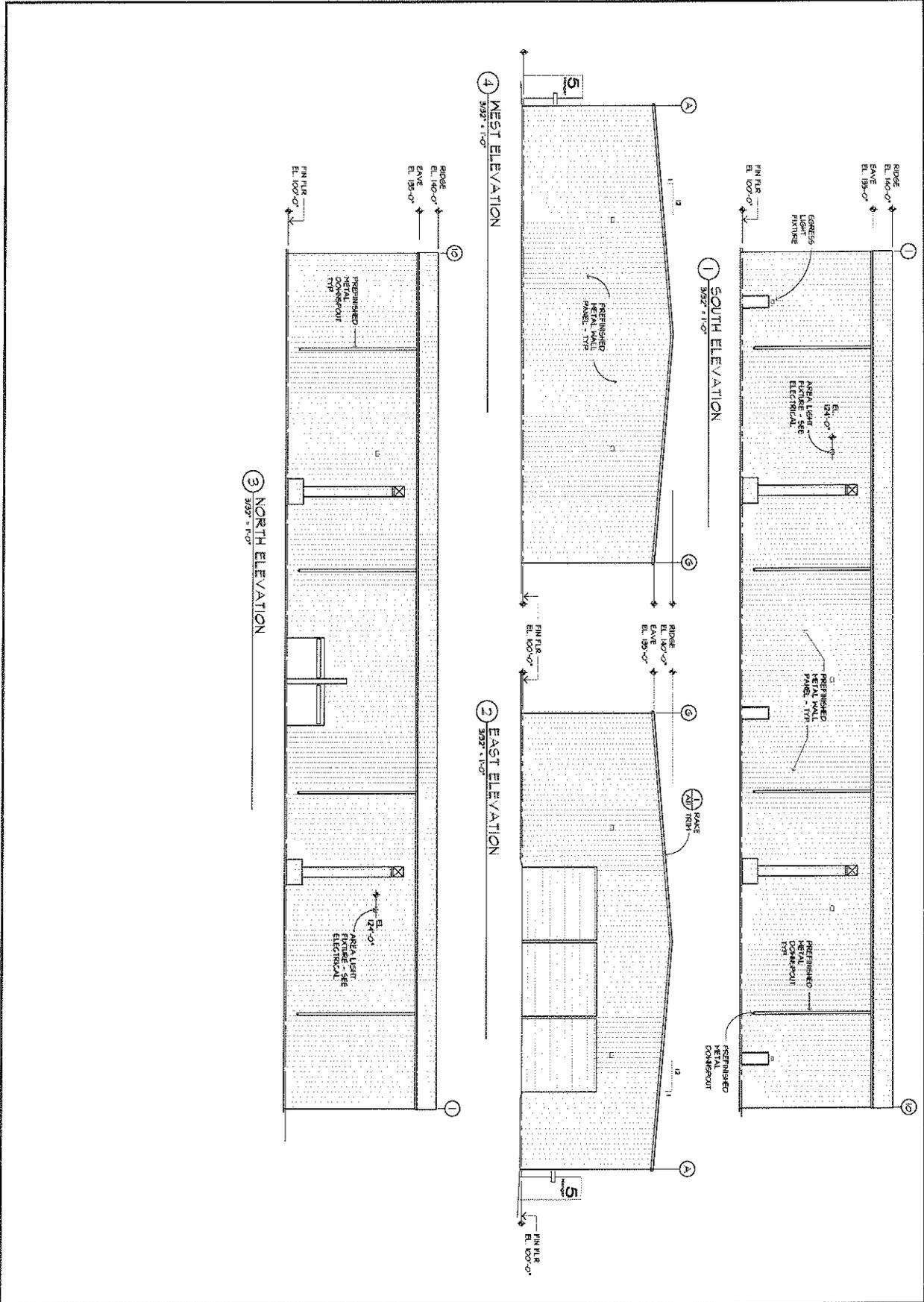
SHEET NO. A3

DESIGNED BY  
 CHECKED BY  
 P.B.  
 DATE  
 11.7.2014  
 REVISIONS

**ACORN ASSOCIATES ARCHITECTURE, LTD.**  
 1400 E. BRADWAY, SUITE 505, TUCSON, AZ 85711  
 520-791-0731 Fax 520-481-0965 www.acornarchitect.com

BUILDING SECTIONS & DETAILS

**HANGAR 5**  
 Pima Air & Space Museum



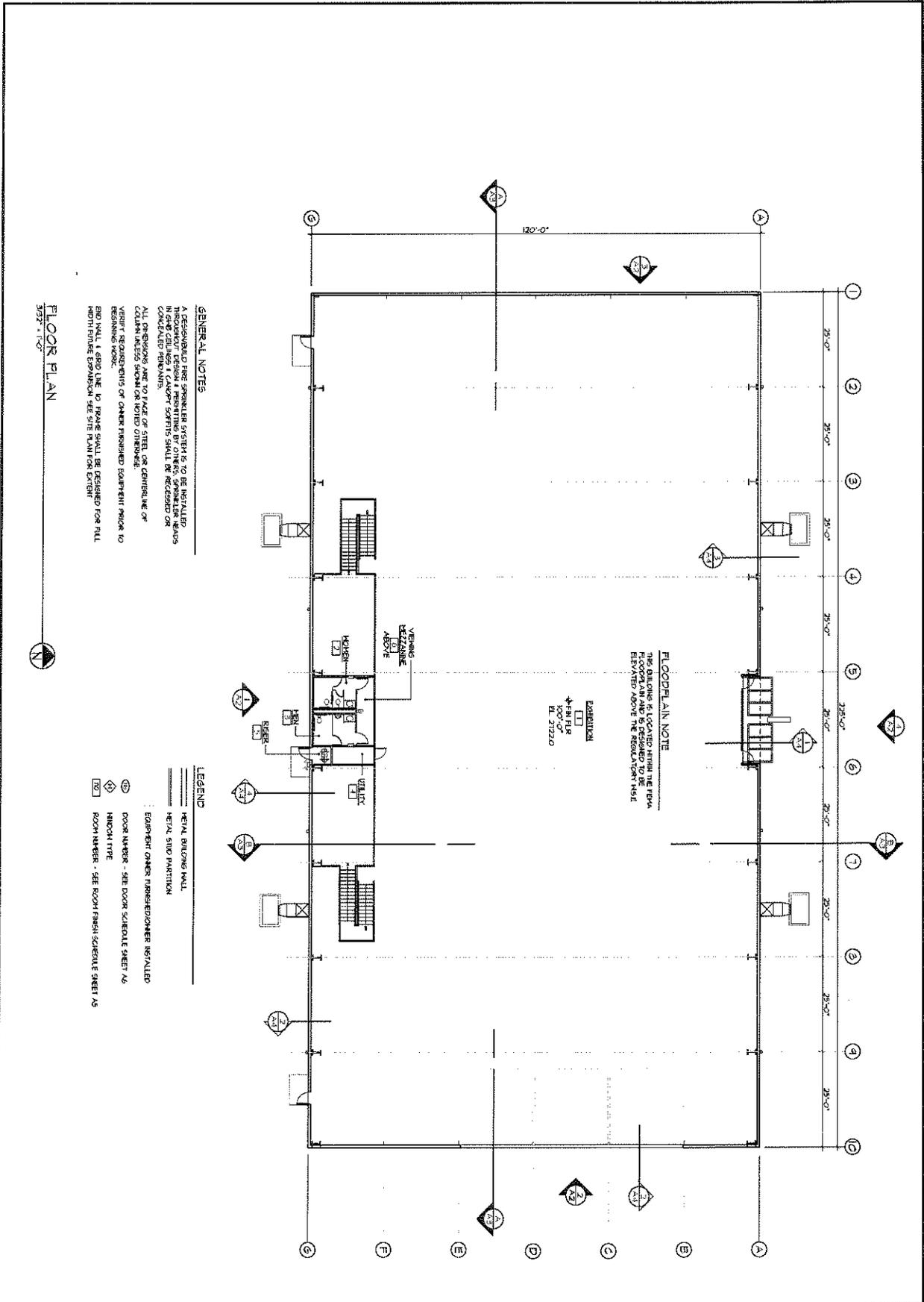
**HANGAR 5**  
Pima Air & Space Museum

EXTERIOR  
ELEVATIONS

**ACORN ASSOCIATES**  
ARCHITECTURE, LTD.  
4400 E. BROADWAY, SUITE 203, TUCSON, AZ 85711  
520-254-9731 Fax 520-254-4095 www.a2a-arch.com

DATE: 11/11/2014  
DRAWN BY: [Signature]  
CHECKED BY: [Signature]  
SCALE: 1/4" = 1'-0"

SHEET NO. A2



**FLOOR PLAN NOTE**  
 THE ELEVATOR IS LOCATED WITHIN THE MECH. ROOM. THE ELEVATOR SHAFT IS ELEVATED ABOVE THE REGULATORY FSI.

**LEGEND**  
 ELEVATOR  
 MECH. ROOM  
 ME. 21220

**GENERAL NOTES**

- 1. A REDESIGNED FIRE SPRINKLER SYSTEM IS TO BE INSTALLED IN ROOMS 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

**FLOOR PLAN**



SHEET NO. A1

DOMAIN BY  
 DATE  
 1/17/2014



**ACORN ASSOCIATES ARCHITECTURE, LTD.**  
 4400 E. BROADWAY, SUITE 503, TUCSON, AZ 85711  
 520-641-6731 Fax 520-641-0169 www.acornarchitect.com

FLOOR PLAN

**HANGAR 5**  
 Pima Air & Space Museum



**PIMA COUNTY**  
**FACILITIES MANAGEMENT**  
150 WEST CONGRESS, 3<sup>rd</sup> FLOOR  
TUCSON, ARIZONA 85701

MICHAEL L. KIRK, FMP

PH: (520) 724-3703 \* FAX: (520) 724-3900

July 14, 2014

Tom Moulton, Executive Assistant to County Administrator  
Pima County Economic Development and Tourism Department  
33 N. Stone, Suite 800  
Tucson, Arizona 85701

RE: Proposed Construction of New Hangar 5 at the  
Pima Air and Space Museum, Tucson, Arizona

Dear Mr. Moulton,

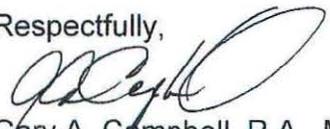
Pima County Facilities Management Department (FMD) has reviewed the submittal of the proposed construction for hangar number 5 as submitted by Acorn & Associates. FMD approves the proposed improvements as presented in the documents. The building drawings and keynotes appear to be consistent with the intended use of museum property.

The scope of work for the hangar 5 is beyond that as permitted by the museums registered plant and shall be submitted to Pima County Development Services for building permits and inspections.

Question; is the viewing mezzanine open to the public? And if so how is it exempt from having elevator access?

As a reminder, when architect fees exceed \$250,000 on a project ARS Title 34 selection criteria comes into play and direct select is not permitted. Please do not hesitate to contact Facilities Management with any questions regarding this approval.

Respectfully,



Gary A. Campbell, R.A., Manager  
Asset Management & Planning Division

C: Michael Kirk, FMP, FMD Director  
Yves Khawam, Phd., PC Chief Building Official



# THE ARIZONA AEROSPACE FOUNDATION

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July 15, 2014

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USAF (Ret)  
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Col. Kevin E. Blanchard  
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Yvonne C. Morris

Mr. Gary Campbell, R.A., Manager  
Asset Management and Planning Division  
Pima County Facilities Management Department  
150 W. Congress, Third Floor  
Tucson, AZ 85701

Re: Supplemental Information Re: Request to Build New Hangar at the Pima Air & Space Museum

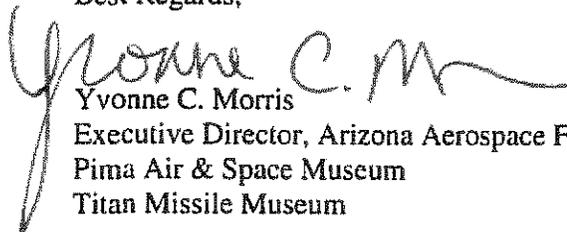
Dear Mr. Campbell:

This letter is in response to your question about the mezzanine that the Arizona Aerospace Foundation intends to include in its new hangar. Yes, this mezzanine will be open to the public. However, we believe that elevator access to this area is not required because the area of the mezzanine is less than 3,000 square feet and is exempt pursuant to the International Building Code (IBC) Section 1104.4, Exception 1. I have attached a highlighted copy of that code section for your convenience that was provided to me by our architect. I hope this addresses your concerns.

Additionally, I want to assure you that Acorn Associates Architecture, LLC will be submitting plans for the new building to Pima County Development Services for appropriate plan review and permitting. However, this project is being completely funded by the Arizona Aerospace Foundation and is not subject to ARS Title 34.

Again, I hope I have addressed your concerns.

Best Regards,



Yvonne C. Morris  
Executive Director, Arizona Aerospace Foundation  
Pima Air & Space Museum  
Titan Missile Museum

A Non-profit Organization

PIMA AIR & SPACE MUSEUM – TUCSON  
6000 E. Valencia Rd., Tucson, AZ 85756  
Phone: (520) 574-0462 / Fax: (520) 574-9238  
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Phone: (520) 625-7736 / Fax: (520) 625-9845  
[www.titanmissilemuseum.org](http://www.titanmissilemuseum.org)

04/02/14

## CHAPTER 11

# ACCESSIBILITY

### SECTION 1101 GENERAL

**1101.1 Scope.** The provisions of this chapter shall control the design and construction of facilities for accessibility to physically disabled persons.

**1101.2 Design.** Buildings and facilities shall be designed and constructed to be *accessible* in accordance with this code and ICC A117.1.

### SECTION 1102 DEFINITIONS

**1102.1 Definitions.** The following terms are defined in Chapter 2:

ACCESSIBLE.  
ACCESSIBLE ROUTE.  
ACCESSIBLE UNIT.  
CIRCULATION PATH.  
COMMON USE.  
DETECTABLE WARNING.  
EMPLOYEE WORK AREA.  
FACILITY.  
INTENDED TO BE OCCUPIED AS A RESIDENCE.  
MULTILEVEL ASSEMBLY SEATING.  
MULTISTORY UNIT.  
PUBLIC ENTRANCE.  
PUBLIC-USE AREAS  
RESTRICTED ENTRANCE.  
SELF-SERVICE STORAGE FACILITY.  
SERVICE ENTRANCE.  
SITE.  
TYPE A UNIT.  
TYPE B UNIT.  
WHEELCHAIR SPACE.

### SECTION 1103 SCOPING REQUIREMENTS

**1103.1 Where required.** *Sites, buildings, structures, facilities, elements and spaces, temporary or permanent, shall be accessible to persons with physical disabilities.*

**1103.2 General exceptions.** *Sites, buildings, structures, facilities, elements and spaces shall be exempt from this chapter to the extent specified in this section.*

**1103.2.1 Specific requirements.** *Accessibility is not required in buildings and facilities, or portions thereof, to the extent permitted by Sections 1104 through 1110.*

**1103.2.2 Existing buildings.** Existing buildings shall comply with Section 3411.

**1103.2.3 Employee work areas.** Spaces and elements within employee work areas shall only be required to comply with Sections 907.9.1.2, 1007 and 1104.3.1 and shall be designed and constructed so that individuals with disabilities can approach, enter and exit the work area. Work areas, or portions of work areas, that are less than 300 square feet (30 m<sup>2</sup>) in area and located 7 inches (178 mm) or more above or below the ground or finish floor where the change in elevation is essential to the function of the space shall be exempt from all requirements.

**1103.2.4 Detached dwellings.** Detached one- and two-family *dwellings* and accessory structures, and their associated *sites* and facilities, are not required to be *accessible*.

**1103.2.5 Utility buildings.** Occupancies in Group U are exempt from the requirements of this chapter other than the following:

1. In agricultural buildings, access is required to paved work areas and areas open to the general public.
2. Private garages or carports that contain required *accessible* parking.

**1103.2.6 Construction sites.** Structures, *sites* and equipment directly associated with the actual processes of construction including, but not limited to, scaffolding, bridging, materials hoists, materials storage or construction trailers are not required to be *accessible*.

**1103.2.7 Raised areas.** Raised areas used primarily for purposes of security, life safety or fire safety including, but not limited to, observation galleries, prison guard towers, fire towers or lifeguard stands, are not required to be *accessible* or to be served by an *accessible route*.

**1103.2.8 Limited access spaces.** Nonoccupiable spaces accessed only by ladders, catwalks, crawl spaces, freight elevators or very narrow passageways are not required to be *accessible*.

**1103.2.9 Equipment spaces.** Spaces frequented only by personnel for maintenance, repair or monitoring of equipment are not required to be *accessible*. Such spaces include, but are not limited to, elevator pits, elevator *pent-houses*, mechanical, electrical or communications equip-

## ACCESSIBILITY

ment rooms, piping or equipment catwalks, water or sewage treatment pump rooms and stations, electric substations and transformer vaults, and highway and tunnel utility facilities.

**1103.2.10 Single-occupant structures.** Single-occupant structures accessed only by passageways below grade or elevated above grade including, but not limited to, toll booths that are accessed only by underground tunnels, are not required to be *accessible*.

**1103.2.11 Residential Group R-1.** Buildings of Group R-1 containing not more than five *sleeping units* for rent or hire that are also occupied as the residence of the proprietor are not required to be *accessible*.

**1103.2.12 Day care facilities.** Where a day care facility is part of a *dwelling unit*, only the portion of the structure utilized for the day care facility is required to be *accessible*.

**1103.2.13 Live/work units.** In live/work units constructed in accordance with Section 419, the portion of the unit utilized for nonresidential use is required to be *accessible*. The residential portion of the live/work unit is required to be evaluated separately in accordance with Sections 1107.6.2 and 1107.7.

**1103.2.14 Detention and correctional facilities.** In detention and correctional facilities, *common use* areas that are used only by inmates or detainees and security personnel, and that do not serve holding cells or housing cells required to be *accessible*, are not required to be *accessible* or to be served by an *accessible route*.

**1103.2.15 Walk-in coolers and freezers.** Walk-in coolers and freezers intended for employee use only are not required to be *accessible*.

### SECTION 1104 ACCESSIBLE ROUTE

**1104.1 Site arrival points.** *Accessible routes* within the *site* shall be provided from public transportation stops; *accessible* parking; *accessible* passenger loading zones; and public streets or sidewalks to the *accessible* building entrance served.

**Exception:** Other than in buildings or facilities containing or serving *Type B units*, an *accessible route* shall not be required between *site* arrival points and the building or facility entrance if the only means of access between them is a vehicular way not providing for pedestrian access.

**1104.2 Within a site.** At least one *accessible route* shall connect *accessible* buildings, *accessible* facilities, *accessible* elements and *accessible* spaces that are on the same *site*.

**Exception:** An *accessible route* is not required between *accessible* buildings, *accessible* facilities, *accessible* elements and *accessible* spaces that have, as the only means of access between them, a vehicular way not providing for pedestrian access.

**1104.3 Connected spaces.** When a building or portion of a building is required to be *accessible*, an *accessible route* shall be provided to each portion of the building, to *accessible* building entrances connecting *accessible pedestrian walkways* and the *public way*.

#### Exceptions:

1. In a building, room or space used for assembly purposes with *fixed seating*, an *accessible route* shall not be required to serve levels where *wheelchair spaces* are not provided.
2. In Group I-2 facilities, doors to *sleeping units* shall be exempted from the requirements for maneuvering clearance at the room side provided the door is a minimum of 44 inches (1118 mm) in width.

**1104.3.1 Employee work areas.** *Common use circulation paths* within *employee work areas* shall be *accessible routes*.

#### Exceptions:

1. *Common use circulation paths*, located within *employee work areas* that are less than 1,000 square feet (93 m<sup>2</sup>) in size and defined by permanently installed partitions, counters, casework or furnishings, shall not be required to be *accessible routes*.
2. *Common use circulation paths*, located within *employee work areas*, that are an integral component of equipment, shall not be required to be *accessible routes*.
3. *Common use circulation paths*, located within exterior *employee work areas* that are fully exposed to the weather, shall not be required to be *accessible routes*.

**1104.3.2 Press boxes.** Press boxes in a building, room or space used for assembly purposes shall be on an *accessible route*.

#### Exceptions:

1. An *accessible route* shall not be required to press boxes in *bleachers* that have points of entry at only one level, provided that the aggregate area of all press boxes is 500 square feet (46 m<sup>2</sup>) maximum.
2. An *accessible route* shall not be required to free-standing press boxes that are elevated above grade 12 feet (3660 mm) minimum provided that the aggregate area of all press boxes is 500 square feet (46 m<sup>2</sup>) maximum.

**1104.4 Multilevel buildings and facilities.** At least one *accessible route* shall connect each *accessible* level, including *mezzanines*, in multilevel buildings and facilities.

#### Exceptions:

1. An *accessible route* is not required to stories and *mezzanines* that have an aggregate area of not more

than 3,000 square feet (278.7 m<sup>2</sup>) and are located above and below *accessible* levels. This exception shall not apply to:

- 1.1. Multiple tenant facilities of Group M occupancies containing five or more tenant spaces;
- 1.2. Levels containing offices of health care providers (Group B or I); or
- 1.3. Passenger transportation facilities and airports (Group A-3 or B).
2. Levels that do not contain *accessible* elements or other spaces as determined by Section 1107 or 1108 are not required to be served by an *accessible route* from an *accessible* level.
3. In air traffic control towers, an *accessible route* is not required to serve the cab and the floor immediately below the cab.
4. Where a two-story building or facility has one *story* with an *occupant load* of five or fewer persons that does not contain *public use* space, that *story* shall not be required to be connected by an *accessible route* to the *story* above or below.
5. Vertical access to elevated employee work stations within a courtroom is not required at the time of initial construction, provided a *ramp*, lift or elevator can be installed without requiring reconfiguration or extension of the courtroom or extension of the electrical system.

**1104.5 Location.** *Accessible routes* shall coincide with or be located in the same area as a general *circulation path*. Where the *circulation path* is interior, the *accessible route* shall also be interior. Where only one *accessible route* is provided, the *accessible route* shall not pass through kitchens, storage rooms, restrooms, closets or similar spaces.

**Exceptions:**

1. *Accessible routes* from parking garages contained within and serving *Type B units* are not required to be interior.
2. A single *accessible route* is permitted to pass through a kitchen or storage room in an *Accessible unit*, *Type A unit* or *Type B unit*.

**1104.6 Security barriers.** Security barriers including, but not limited to, security bollards and security check points shall not obstruct a required *accessible route* or *accessible means of egress*.

**Exception:** Where security barriers incorporate elements that cannot comply with these requirements, such as certain metal detectors, fluoroscopes or other similar devices, the *accessible route* shall be permitted to be provided adjacent to security screening devices. The *accessible route* shall permit persons with disabilities passing around security barriers to maintain visual contact with their personal items to the same extent provided others passing through the security barrier.

## SECTION 1105 ACCESSIBLE ENTRANCES

**1105.1 Public entrances.** In addition to *accessible* entrances required by Sections 1105.1.1 through 1105.1.6, at least 60 percent of all *public entrances* shall be *accessible*.

**Exceptions:**

1. An *accessible* entrance is not required to areas not required to be *accessible*.
2. Loading and *service entrances* that are not the only entrance to a tenant space.

**1105.1.1 Parking garage entrances.** Where provided, direct access for pedestrians from parking structures to buildings or facility entrances shall be *accessible*.

**1105.1.2 Entrances from tunnels or elevated walkways.** Where direct access is provided for pedestrians from a pedestrian tunnel or elevated walkway to a building or facility, at least one entrance to the building or facility from each tunnel or walkway shall be *accessible*.

**1105.1.3 Restricted entrances.** Where *restricted entrances* are provided to a building or facility, at least one *restricted entrance* to the building or facility shall be *accessible*.

**1105.1.4 Entrances for inmates or detainees.** Where entrances used only by inmates or detainees and security personnel are provided at judicial facilities, detention facilities or correctional facilities, at least one such entrance shall be *accessible*.

**1105.1.5 Service entrances.** If a *service entrance* is the only entrance to a building or a tenant space in a facility, that entrance shall be *accessible*.

**1105.1.6 Tenant spaces, dwelling units and sleeping units.** At least one *accessible* entrance shall be provided to each tenant, *dwelling unit* and *sleeping unit* in a facility.

**Exceptions:**

1. An *accessible* entrance is not required to tenants that are not required to be *accessible*.
2. An *accessible* entrance is not required to *dwelling units* and *sleeping units* that are not required to be *Accessible units*, *Type A units* or *Type B units*.

## SECTION 1106 PARKING AND PASSENGER LOADING FACILITIES

**1106.1 Required.** Where parking is provided, *accessible* parking spaces shall be provided in compliance with Table 1106.1, except as required by Sections 1106.2 through 1106.4. Where more than one parking facility is provided on a *site*, the number of parking spaces required to be *accessible* shall be calculated separately for each parking facility.

**Exception:** This section does not apply to parking spaces used exclusively for buses, trucks, other delivery vehicles, law enforcement vehicles or vehicular impound and motor pools where lots accessed by the public are provided with an *accessible* passenger loading zone.

From: Gary Campbell  
Sent: Wednesday, July 16, 2014 8:09 AM  
To: Tom Moulton  
Cc: Mike Holmes  
Subject: RE: Supplemental information for Gary Campbell re: mezzanine at Pima Air & Space Museum

Tom,  
The mezzanine IBC response is acceptable.  
The reference to ARS and architect selection was more a reminder for future bond projects where county funds would be involved.

Thanks  
Gary  
Gary A. Campbell, RA  
Asset Management & Planning Division Manager  
gary.campbell@pima.gov  
o(520) 724-3101  
c(520) 940-0981

From: Tom Moulton  
Sent: Wednesday, July 16, 2014 6:18 AM  
To: Gary Campbell  
Cc: Mike Holmes  
Subject: Fwd: Supplemental information for Gary Campbell re: mezzanine at Pima Air & Space Museum

Please let me know these are acceptable responses. AAF is not required under their agreement with Pima County to our Procurement policies if they spend non County funding on a project. However they are subject to all applicable building codes, laws, and regulations. Construction or repairs depending on the scope and/or dollar amount are subject to the County's approval. The BOS will have to approve the project due to the dollar amount based upon our recommendations

Thank you for your review and await your response to their answers. Thanks.

TOM  
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Pima County Economic Development  
520.724.7353  
Pima County Attractions  
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