



## AGENDA

**Planning & Evaluation Committee**  
**Thursday, May 11, 2023**  
**1:30pm – 3:00pm MST**  
**West Center-Rm 2 / Zoom**

GVR's Mission Statement: "To provide excellent facilities and services that create opportunities for recreation, social activities, and leisure education to enhance the quality of our members' lives."

**Committee:** Kathi Bachelor (Chair), Beth Dingman, Christine Gallegos, Ed Knop, Robert Quast, Lanny Smith, Kathy Zollinger, Marge Garneau (ex officio), Scott Somers (CEO), David Jund (Facilities Director/Liaison)

### **Agenda Topic**

1. **Call to Order / Roll Call - Establish Quorum**
2. **Approve Meeting Minutes:** March 9, 2023
3. **Chair Comments**
4. **Staff Reports**
  - a. Projects In-progress update
  - b. 2024 Club Capital Funding Request applications
  - c. 2024 Long-term Capital Plan projects
  - d. Capital Project Policy & Process
5. **Business**
  - a. 2023 Long-term Capital Plan projects
    1. Ceramics Expansion
    2. Lapidary Consolidation & Woodshop Expansion
6. **Member Comments**
7. **Adjournment**

**Next Meeting:** Thursday, June 8, 2023, 1:30-3:00pm, WC-Rm 2/Zoom



## MINUTES

**Planning & Evaluation Committee  
Thursday, March 9, 2023  
1:30pm – 3:00pm MST  
West Center Room 2 / Zoom**

**Committee:** Bart Hillyer (Chair), Robert Quast, Tom Sadowski, Stewart Tagg, Keith Skytta, Diane West, Kathy Zollinger, Kathi Bachelor (ex officio), Scott Somers (CEO), David Jund (Facilities Director/Liaison)

Absent: Chair Hillyer, CEO Somers absent

### **Agenda Topic**

1. **Call to Order / Roll Call - Establish Quorum**
2. Approve January 12, 2023, Meeting Minutes  
**Motion: Quast moved, seconded to adopt the 1/12/2023 minutes with change of the redacted motion being reinstated that would eliminate the rewritten motion. Passes: unanimous**  
  
Approve February 9, 2023 meeting minutes  
**No objections to adoption. Adopted.**
3. **Chair Comments**  
No comments
4. **Staff Reports**
  - a. Jund gave an overview of the Projects in Progress.
5. **Member Comments:** No comments
6. **Adjournment**  
No objections to adjourn. Meeting adjourned at 2:30PM MST

**Next Meeting:** Thursday, May 11, 2023, 1:30-3:00pm, WC-Rm 2/Zoom

## P&E 2024 GVR CLUB CAPITAL FUNDING REQUESTS

### Summary by GVR Staff

Rev. 3/31/23

<b>P&amp;E EVALUATION</b>
<b>CLUB RESPONSIBILITY PER CPM/CLUB AGREEMENT</b>
<b>FUNDED IN ALTERNATE BUDGET</b>
<b>NO ACTION - CRITICAL PATH / FUTURE / COMPLETE</b>

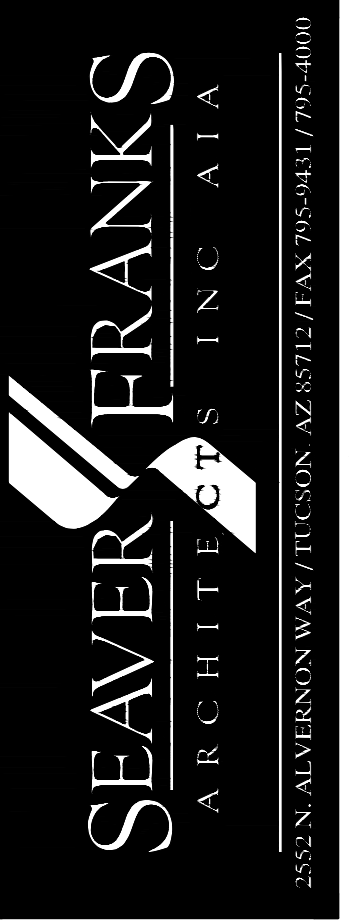
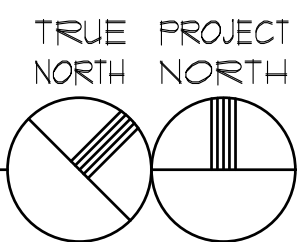
	CLUB	CONTACT	AMOUNT	BRIEF DESCRIPTION	COMMENTS
<b>LIST OF REQUESTS</b>					
1	GVR Artisans Shop	Priscilla Spurgeon	TBD	Shop space Expansion	
2	GVR Lapidary Club (1 of 2)	Suzy Russell	\$5,000	Lighting - Install ceiling LED	
3	GVR Lapidary Club (2 of 2)	Suzy Russell	\$5,000	Stainless steel lapidary trough liners	
4	GVR Metalworking Craft Club	Bill Bachmann	TBD	New space for club for expansion and equipment	
5	GVR Photography Club	Danny Valenzuela	\$36,000	Funding to complete redesign of club to better utilize space	
6	GVR Pickleball Club	Patrick Furumoto	\$16,000	Shade screens and fencing to enclose PBC	
7	GVR Santa Rita Art League	Arlene Szypulski & Jeani Gustafson	\$500,000-\$750,000	New 3000sf structure on upper level at SRS with improved functionality, lighting, ventilation and accessibility.	
8	Tennis club (carry forward from '23)	Tom Ransburg	\$149,000	Installation of new court at LC (w/fence, bleacher, canopies)	P&E sent back to staff in '23. Long-term capital plan placeholder for FY2026
<b>P&amp;E EVALUATION</b>					
<b>CLUB RESPONSIBILITY PER CPM/CLUB AGREEMENT</b>					
<b>FUNDED IN ALTERNATE BUDGET</b>					
<b>NO ACTION - CRITICAL PATH / FUTURE / COMPLETE</b>					

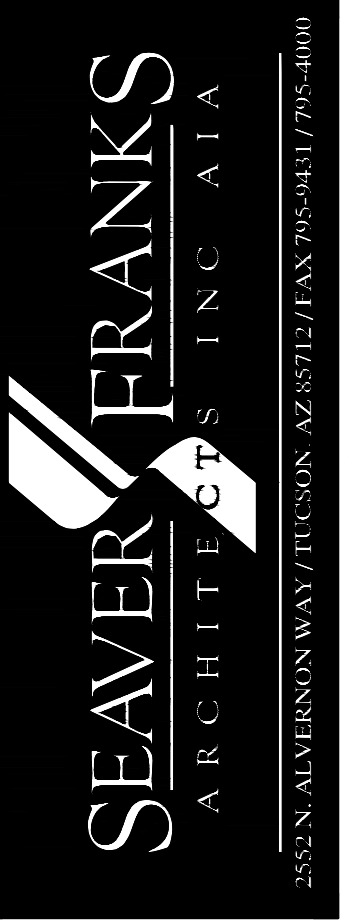
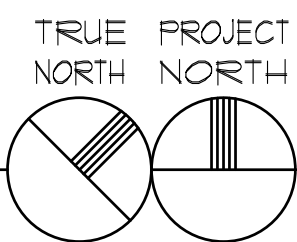
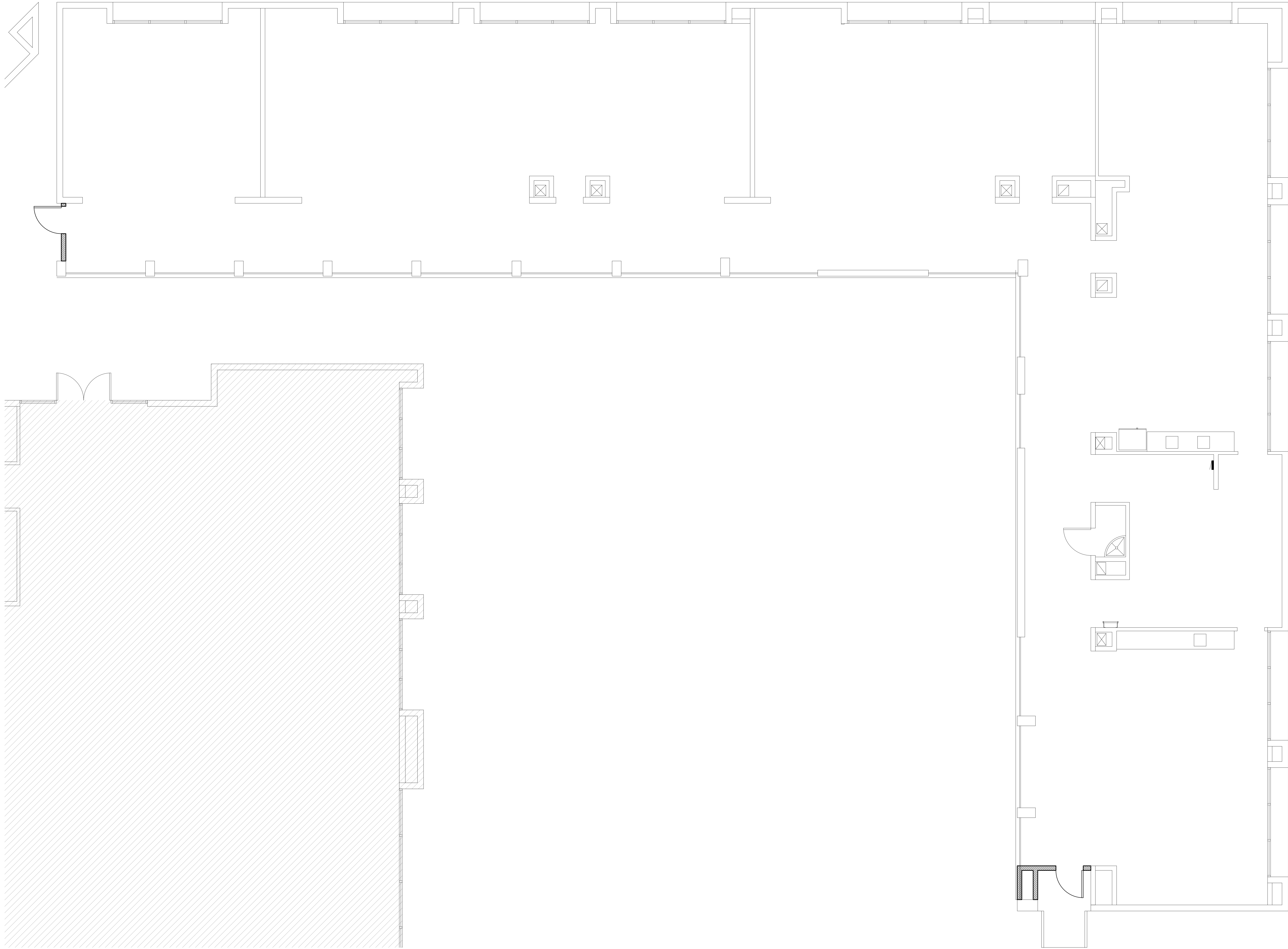
### GVR Long-term Capital Project Plan

Project	2023	2024	2025	2026	2027
West Center Arts Center					
Del Sol Clubhouse					
Glass Artists TI					
Desert Hills Fitness					
Expand Ceramics					
Abrego South Field House					
Woodworking Expansion					
Las Campanas 3rd Tennis Courts					

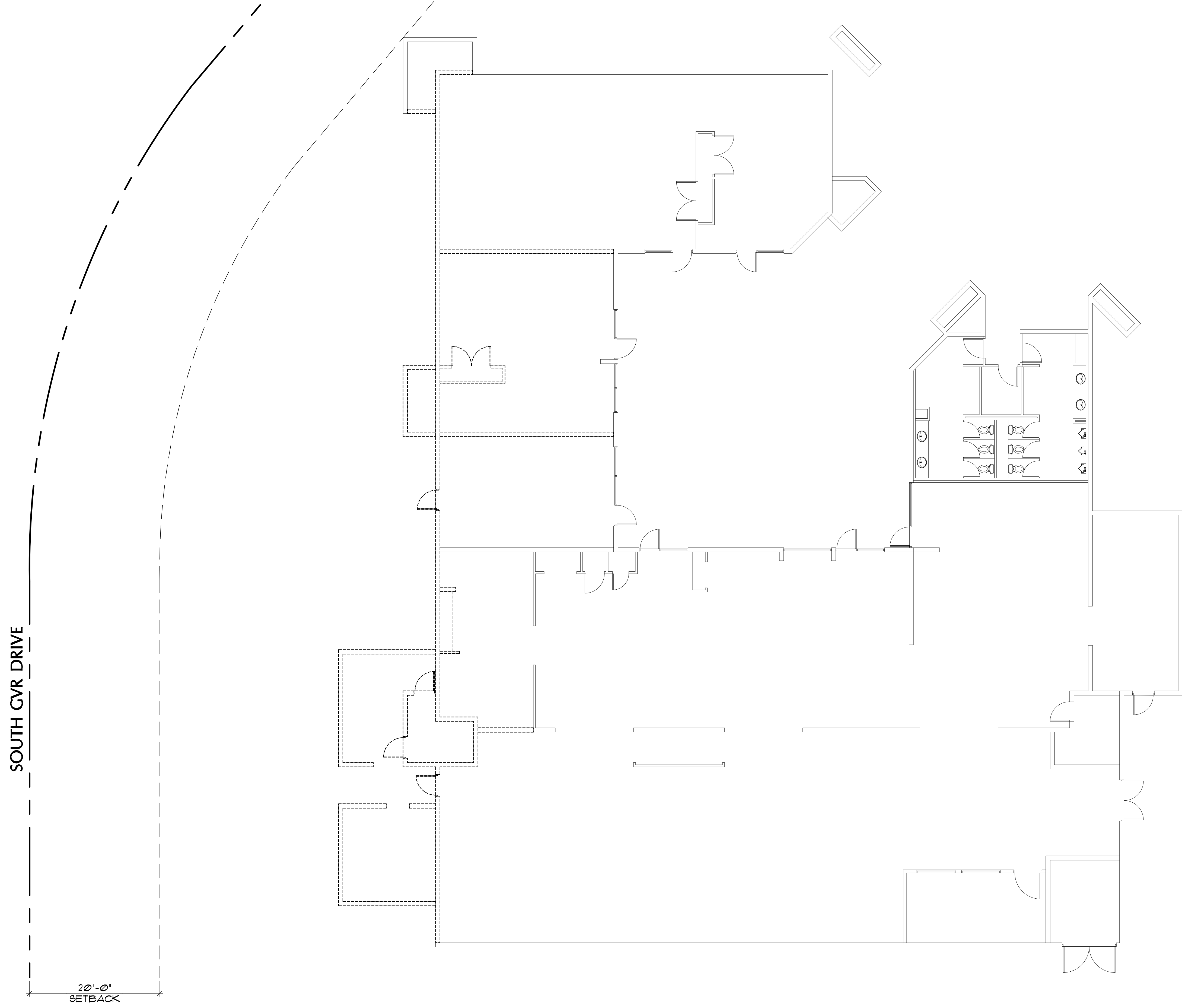








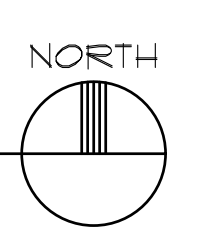




SOUTH GVR DRIVE

20'-0"  
SETBACK

1 DEMOLITION FLOOR PLAN  
SCALE: 1/8" = 1'-0"



PRELIMINARY  
NOT FOR  
CONSTRUCTION  
OR RECORDING

REVISIONS  
NO. DATE

WEST CENTER'S EXPANSION  
DEMOLITION FLOOR PLAN



GREEN VALLEY RECREATION CENTER  
1111 SOUTH GVR DRIVE  
GREEN VALLEY, ARIZONA 85614

ISSUE DATE 04-26-2023  
PROJ. NO. 37099  
DRG. SCALE AS NOTED

SHEET  
D2.0

WEST CENTER'S EXPANSION  
REFERENCE FLOOR PLAN

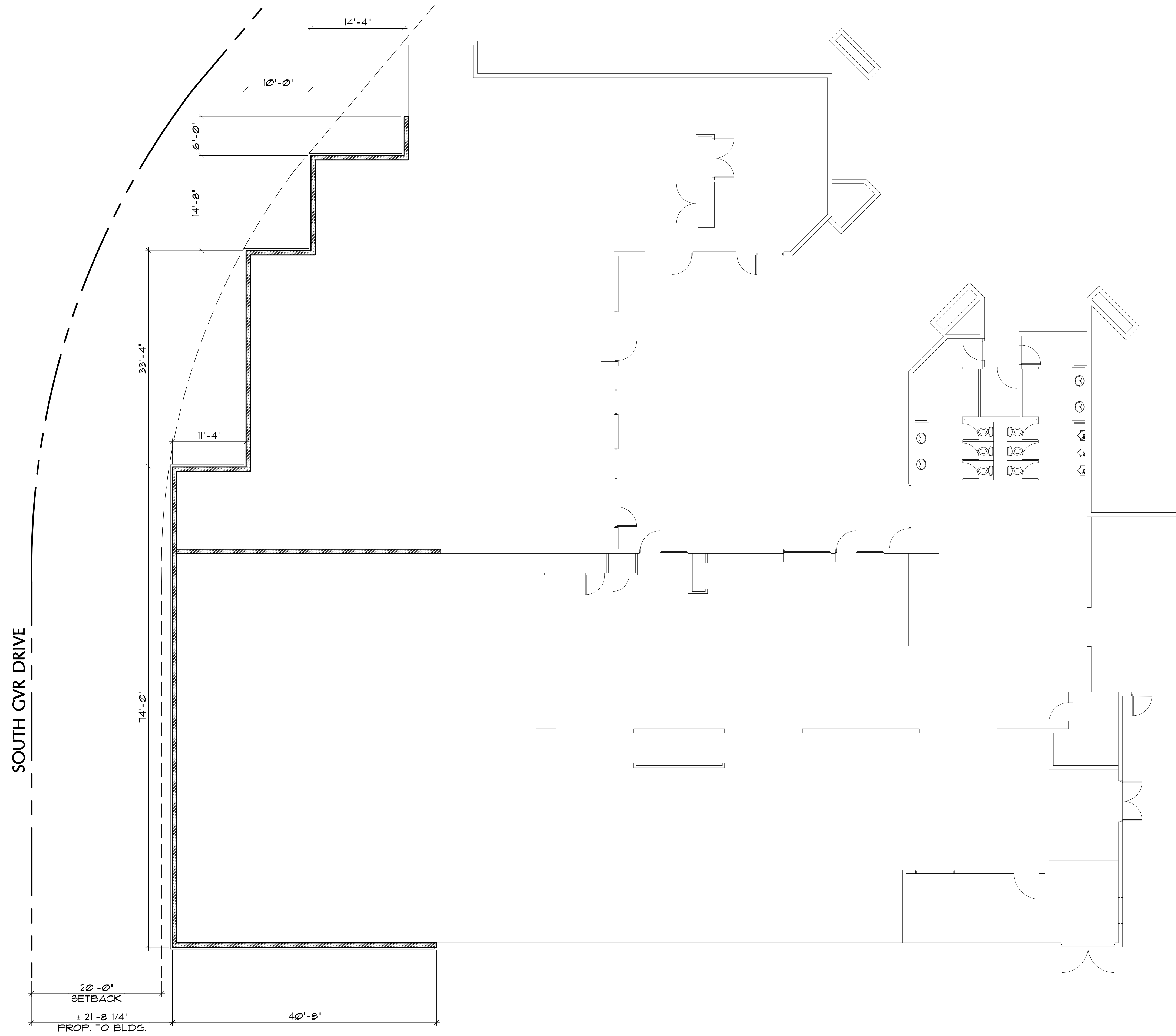


GREEN VALLEY RECREATION CENTER  
1111 SOUTH GVR DRIVE  
GREEN VALLEY, ARIZONA 85614

ISSUE DATE 04-26-2023  
PROJ. NO. 37099  
DRG. SCALE AS NOTED

SHEET

A2.0



1 REFERENCE FLOOR PLAN  
SCALE: 1/8" = 1'-0"

## Photography Club Tenant Improvement Summary

In August of 2022, GVR Photography Club leadership reached out to staff to discuss a proposal to redesign the interior footprint of their dedicated space. Staff recommended that this project would be best submitted as a Club Capital Funding Request. The Club indicated that they did not wish to wait for the Club Funding Request timeline and that they could raise money on their own to fund the proposed project.

On September 6, staff replied that they understood that the club is anticipating taking on the costs of the project if it were to move forward. Based on the project's scope supplied by the Club, it became apparent that permitting would be required. To help prepare the Club for potential costs, staff gave the Club the following breakdown on estimated architect, contractor and permitting costs:

- Construction Documents: \$9400 - \$9800
- Construction Administration: \$1800 - \$2000
- Permit: \$1000 - \$1200
- Build out: \$130,000 – \$150,000

On September 8, staff met with the Club to discuss the project. At that meeting, the Club expressed their desire to move forward with having the project formally designed by an architect. Staff sent the design concept drawings furnished by the Club to Seaver Franks Architects to develop.

Architects from Seaver Franks met with the club and staff and, based on the scope of work provided by the club, began drafting the designs for the project. Staff asked Barker Construction to provide a cost estimate on the project once initial mechanical, electrical and structural designs were completed. They estimated that the build out would be \$123,700.

This number was considerably more than the club had for the project. Staff met with the Camera Club to work on ways to value engineer the project and cut costs.

Following several revisions to the original design, the architect was able to trim down the scope of the project and staff received the building permit and Pima County approved Plans on March 8. A new cost estimate was sought by staff and Barker provided an estimate of \$77,257.

Once Canyon Builders was awarded the Glass Artists project, staff sought a second proposal. Being that the Photography Club and the Glass Artists are on the same campus, it was felt that there may be cost saving potential by way of sharing construction administration and reduced trade mobilizations with the one general contractor.

Canyon Builders submitted a proposal of \$35,832 to build the Photography Club project, if the two projects are coordinated.

As the club has expended some of their funds allocated for this project on architectural fees and does not have enough to perform the final permitted construction, staff recommended to the club that they submit a 2024 Club Capital Funding Request to seek the needed funds.



**GVR 2024 Club Capital Funding Request  
Application**

**Application must be received by 4pm on Friday, March 31, 2023**

<u>GVR Photography Club</u> Club Name	<u>3/28/23</u> Date
<u>Santa Rita Springs 921 W Via Rio Fuerte,</u> Club Location	<u>Club Redesign</u> Name of Project
<u>Danny Valenzuela</u> Club Contact (Primary)	<u>Tom Parker</u> Club Contact (Secondary)
<u>Danny Valenzuela</u> Club President Name	<u>dvsundevil@gmail.com</u> Club President Email

Amount of Request: \$36,000

Is the requested project designed to address concerns related to health, safety, or accessibility needs for members with disabilities? Yes \_\_\_ No X If yes, please be sure to include details of the concern/s in your responses below.

---

**Important Notes:**

1. All questions must be answered in full.
2. Attach additional sheets as needed.
3. Please attach the past three years of year-end bank statements to show your Club Finances.

---

**Project Description**

We are requesting funding to complete the redesign of the GVR Photography Club which will allow the club to better utilize existing club space. We are now one wall away from completing the project but required infrastructure requirements have put the cost of the wall beyond our financial capabilities.

See Attachment One to explain challenges and accomplishments to date.

---

## **Club Impact**

1. What benefit will this project have to your club members?

Due to the nature of our club, it is necessary to use large TV's during our Special Interest Group meetings and workshops. Our current classroom is an open space without a wall and door to keep noise and other distractions from interfering with class presentations and Special Interest Group meetings. This project will allow us to install a wall and double door entry to the classroom, thus eliminating noise from interfering with classroom activities.

2. How many paying/active Club members do you currently have in your club? 586 current members
3. How much has your Club grown over the past three years?

Despite the impact from Covid our club maintains a strong membership base.

3/1/21: 712Members 3/1/22: 560 Members 3/1/23: 582 Members

- If there has been a significant increase or decrease, or do you expect a significant increase, please explain.

We are experiencing growth. Since January, we have added 102 members. Our redesign efforts have permitted us to realign our club in a way that we can better utilize our facilities to allow for more club activities. Our Photo Lab was downsized, and we added one large classroom space (without a wall) with a capacity for approximately 50 people, we have restarted our matting and framing program, and added one smaller meeting space with a capacity for 12-15 people.

4. How will this project maintain or increase club membership.

It will help increase membership and membership participation. We have had six longstanding fun and educational Special Interest Groups: Multimedia, Black & White, Studio & Fine Art, Lightroom, Photoshop Elements, and Wildlife Photography. In the past 60 days we have added an Astrophotography and some Drone Photography classes. We have adequate space to schedule these sessions due to the larger classroom we have redesigned. From time to time we conduct classes our members express an interest in, such as iMovie classes, printing classes, and drone classes.

## **Community Impact**

1. Will the benefit of this improvement be limited to the Club only or will the improvement be accessible to the wider GVR Membership? Please Explain.

---

Our Special Interest Groups are offered to Club members, this is their enticement to join the club. Our Travelogue, Showtime, and Speaker Series are open to the general GVR membership, all at no cost.

2. Could this project help attract new GVR members to Green Valley. Please Explain.

Many people move to Green Valley because of the varied activities and clubs that are available to them. Having a state-of-the-art facility, with adequate space for classes, computer software to enhance their photographs, matting classes, and a variety of field trips and presentations will add to the draw that can attract new members to GVR. Our recently expanded marketing efforts will also capture the attention of new potential residents. Improvement to the HVAC systems will benefit the general membership who use the Springs facilities.

### **Finances**

**Clubs are expected to contribute 10% of all direct costs for the project. The 10% will be billed to the Club at the end of the project based on actual costs.**

1. What are the current dues per member?

\$30 annually for a single person household  
\$40 annually for a two-person household

2. On what items are Club dues typically spent?

Computer equipment, software, field trips, studio equipment, matting supplies and materials, name tags, office supplies, photo printing paper, Zoom subscription, website fees, and a volunteer luncheon.

3. If you have been awarded Club request funds in the past 3 years, please outline the amount, how the money was spent, and any impact this has had on your Club (e. g. membership growth/retention, reduced incidents/injuries, expanded hobby pursuit, etc.)

We have not requested any funds in the past.

**Project Management**

1. What research has been done to determine the cost of your project:

We were required to use the architect designated by GVR Facilities to obtain architect drawings for construction and design for the total redesign project. The initial construction estimate was \$123,700. The Design Review Committee made major changes to the initial plan and with some members doing some of the work, and with the help of GVR Facilities, the non-load bearing wall construction is the only item remaining to be completed. The GVR architect firm redesigned the wall and estimated the reduced estimate to \$77,257. A current request for quote lowered the estimated cost to \$36,000. This quote includes HVAC, electrical and wall construction. The Glass Arts project and the Photography Club project will be completed by the same General Contractor, thus lowering costs. For this project, the Photography Club has spent \$11,359.81 of its own funds for architect fees, storage cabinets for the Studio and Fine Arts equipment, and Sconce lights for the Photo Lab and Ansel Adams meeting rooms.

2. What is your desired timeline for starting and ending your project?  
30 days from approval of funding.

**Additional Considerations (attached additional sheets as needed)**

See Attachment One, and Exhibits.

**Checklist:**

- All questions are answered in full/
- Three years of Club year-end bank statements are attached.

\_\_\_\_\_ Danny Valenzuela  
Prepared by  
\_\_\_\_\_ Danny Valenzuela  
Club President Name  
\_\_\_\_\_ *Danny Valenzuela* \_\_\_\_\_ 3/28/23  
Club President Signature Date

\_\_\_\_\_ For Official Use Only \_\_\_\_\_  
\_\_\_\_\_ 3/28/23 \_\_\_\_\_ 3/28/23  
Date received by GVR Date Acknowledgment sent to requestor  
\_\_\_\_\_ Estimated Cost to GVR \_\_\_\_\_ Estimated timeline for completion

Project **Approved/Declined** (circle one) Reasoning \_\_\_\_\_

\_\_\_\_\_ Date final response sent to requesting Club

## GVR Club Capital Funding Request Project Description

In the summer of 2022, the club was notified that the Kino Room at Santa Rita Springs would no longer be available to reserve due to the Computer Club being relocated there. In addition, clubs' requests for meeting space are increasing and room reservations are becoming more difficult. These two factors prompted the need to redesign our current club space to better serve our members. No new square footage was requested by the Photography Club. It was all to be completed within existing space.

A club Redesign Committee was established to advise the board on how the club space could be better utilized.

The recommendations from the redesign committee were as follows:

1. Downsize the Photo Lab area and move it to the smaller Ansel Adams room.
2. Utilize the former Photo Lab room as a classroom, which can seat approximately 50 people.
3. Build a wall with double door entry into the classroom. This was needed to mitigate noise from activities in the rest of the club space.
4. Build a storage room in the north end of the new classroom to store the Studio and Fine Art Special Interest Group equipment. The equipment was previously stored in the back 1/3 of the Matting and Framing room.
5. Build a wall separating the area where the Studio and Fine Arts equipment was stored and make that a storage room.
6. Repurpose the current storage room as a smaller meeting room to replace the Ansel Adams Room, for smaller Special Interest Group meetings.
7. Repaint and recarpet the club. Paint and carpet were over 13 years old.

### **See Exhibit 1**

The club had funds in reserve which were donated in the past which could be used for such a purpose. It was our belief that the redesign could be completed for less than \$30,000. Perhaps painting and carpet could come later if the amount was insufficient.

Architects, paid with Photography Club funds, were hired by GVR Facilities and a cost estimate of \$123,700 was received in October 2022. We were told that the floor to ceiling walls for the storage area and the Studio equipment impacted the HVAC and electrical systems and are the reason for the high cost. The Design Committee went back to work to make changes so that HVAC and electrical changes would not be necessary.

The changes made to the redesign plan eliminated the floor to ceiling storage room and wall in the Mat Room. Instead of a storage room for the Studio



equipment, two cabinets were built at club expense. Instead of a floor to ceiling wall to separate the mat room from the storage area, an 8-foot wall was built by club members for only the cost of materials. Instead of moving the double doors into the new photo lab area, one half of the door was proposed to be closed off with sheet rock, leaving a single door entry to the Photo Lab. This eliminated any need for electrical work.

**See Exhibit 2**

Exhibit 2 shows the updated redesign request submitted to GVR in November 2022. This new request was submitted to the architects by GVR Facilities. In February 2023 we received a revised estimate of \$77,247 to complete the wall enclosing the classroom. In the meantime, GVR Facilities has painted and carpeted the club and completed minor electrical work. All that is left to be done is to build the wall with a double entry for enclosing the classroom, plus sheet rock the left side of the double door into the Photo Lab, leaving a one door entry.

A more recent bid from the General Contractor constructing the Glass Arts space came in at just under \$36,000.

To date the club has spent \$11,359.81 of its own funds for the redesign, most of it for architectural fees. However, the revised cost estimate to complete the redesign is beyond the financial capabilities of the club.

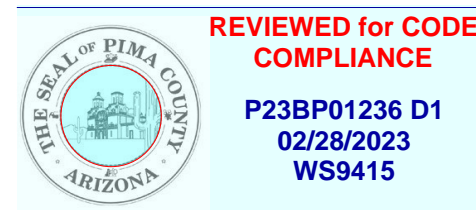
We understand that prior to the club occupying its current space, HVAC and electrical systems were inadequately installed. to complete the one remaining item; the wall enclosing the classroom space. This wall affects the air circulation and requires extensive HVAC and electrical systems upgrades or replacements.

We do not believe the Photography Club is responsible for upgrades to bring the mentioned systems up to code because of inadequate installation prior to our occupying the club space. We believe it is the responsibility of GVR.

For this reason, we are requesting this Capital Funding Request. We are one wall away from completing the redesign and having a state-of-the-art Photography Club GVR can be proud of.

**See Exhibit 2**

Exhibit 3 is the rendering of the proposed project wall, which includes HVAC and electrical requirements. The County has approved the work permit. All that is lacking is the necessary funding to complete the redesign project.



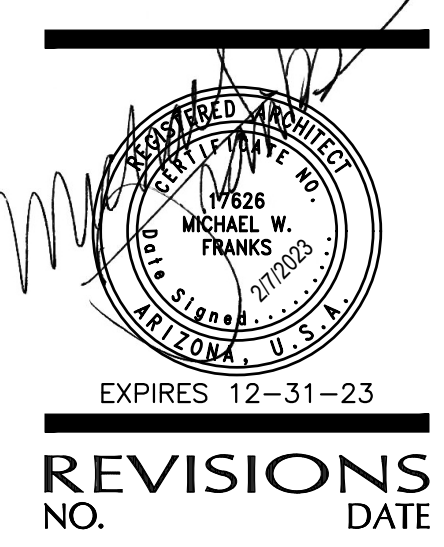
# GENERAL REQUIREMENTS

- ALL CONSTRUCTION SHALL CONFORM TO THE LATEST EDITION OF THE INTERNATIONAL BUILDING CODE, AS LOCALLY AMENDED, AND ALL APPLICABLE CODES & ORDINANCES.
- OMISSIONS OR CONFLICTS BETWEEN VARIOUS ELEMENTS OF THE DRAWING, NOTES, AND DETAILS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT AND RESOLVED BEFORE PROCEEDING WITH THE WORK.
- DO NOT USE SCALED DIMENSIONS. USE WRITTEN DIMENSIONS. WHERE NO DIMENSION IS PROVIDED, CONSULT THE ARCHITECT FOR CLARIFICATION BEFORE PROCEEDING WITH THE WORK.
- ALL DIMENSIONS ARE TO FACE OF STUD UNLESS OTHERWISE NOTED.
- REMOVE ALL MATERIALS RESULTING FROM DEMOLITION WORK FROM THE SITE IN SUCH A MANNER AS TO AVOID CREATING A NUISANCE. STOCKPILE ANY SALVAGED ITEMS PER OWNER'S REQUIREMENTS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO REMOVE OR DISPOSE OF ALL SALVAGED ITEMS TO AN OFF SITE PROPERTY LOCATION.
- THE CONTRACTOR OR SUBCONTRACTOR SHALL INSPECT THE PREMISES PRIOR TO COMMENCING WORK TO CHECK EXISTING WORKING CONDITIONS. SHOULD CONTRACTOR OR SUBCONTRACTOR FIND CONDITIONS WHICH HE BELIEVES WOULD IMPEDE HIS WORK, THEN SUCH CONDITIONS MUST BE REPORTED IMMEDIATELY TO THE ARCHITECT. FAILURE TO SO ADVISE WILL CONSTITUTE NOTICE THAT THE CONTRACTOR IS FULLY SATISFIED AND THAT HE INTENDS TO PERFORM HIS OBLIGATIONS WITH NO ALLOWANCE EITHER IN TIME OR MONEY FOR ANY IMPEDIMENTS TO HIS WORK.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS IN FIELD. IF DIMENSIONAL ERRORS OCCUR, OR CONDITIONS NOT COVERED ON THE DRAWINGS IS ENCOUNTERED, CONTRACTOR SHALL NOTIFY THE ARCHITECT BEFORE COMMENCING THAT PORTION OF THE WORK.
- DETAILS, NOTES AND FINISHES SHALL BE APPLICABLE TO ALL TYPICAL CONDITIONS, WHETHER OR NOT REFERENCED AT ALL PLACES. WHEN WORK NOT SPECIFICALLY CALLED OUT IS REQUIRED TO COMPLETE THE PROJECT, IT SHALL BE PROVIDED AND BE OF THE BEST MATERIALS AND WORKMANSHIP.
- THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONARY MEASURES TO PROTECT THE PUBLIC AND ADJACENT PROPERTIES FROM DAMAGES THROUGHOUT CONSTRUCTION. HE SHALL MEET THE LATEST REQUIREMENTS OF THE UNITED STATES DEPARTMENT OF LABOR OCCUPATIONAL SAFETY AND HEALTH STANDARDS AND COMPLY WITH: THE MANUAL OF ACCIDENT PREVENTION IN CONSTRUCTION, ALL APPLICABLE SAFETY AND SANITARY LAWS, REGULATIONS AND ORDINANCES, AND ANY SAFETY RULES OR PROCEDURES ESTABLISHED BY THE ARCHITECT AND/OR THE OWNER FOR THE PROJECT.
- THE CONTRACTOR IS EXCLUSIVELY RESPONSIBLE FOR LOSS OR EXPENSE RESULTING FROM INJURY ON THE PROJECT SITE. HE ASSUMES ALL RISKS IN THE PERFORMANCE OF THE WORK AND IS RESPONSIBLE FOR SUPERVISION, MATERIALS, EQUIPMENT AND LABOR REQUIRED TO IMPLEMENT THE PLANS AND SPECIFICATIONS.
- THE CONTRACTOR IS SOLELY RESPONSIBLE FOR SUPERVISION, SAFETY, ADMINISTRATION AND ALL PHASES OF ITS CONTRACT. HE IS ALSO RESPONSIBLE FOR SCHEDULING, COORDINATING, MANAGEMENT AND ADMINISTRATION OF SUB-CONSULTANTS.
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF EXISTING UTILITIES AND PROTECT THEM.
- ALL MANUFACTURED ARTICLES, MATERIALS, AND EQUIPMENT SHALL BE APPLIED, INSTALLED, CONNECTED, ERECTED, USED, CLEANED AND CONDITIONED IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN SPECIFICATIONS OR INSTRUCTIONS UNLESS HEREINAFTER SPECIFIED TO THE CONTRARY.
- ALL WORK SHALL BE EXECUTED IN A NEAT AND WORKMANLIKE MANNER, ACCEPTABLE TO THE ARCHITECT.
- UNLESS OTHERWISE SPECIFICALLY NOTED, THE CONTRACTOR SHALL PROVIDE AND PAY FOR ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, CONSTRUCTION EQUIPMENT AND MACHINERY, TRANSPORTATION, AND OTHER FACILITIES AND SERVICES NECESSARY FOR PROPER EXECUTION AND COMPLETION OF THE WORK.
- THE CONTRACTOR SHALL PAY FOR ALL FEES, PERMITS, ETC. NECESSARY FOR PROPER COMPLETION OF WORK (U.N.O.). THE CONTRACTOR SHALL FILE ALL APPLICATIONS REQUIRED AND PROCURE ALL PERMITS.
- THE CONTRACTOR WARRANTS TO THE OWNER THAT ALL MATERIALS AND EQUIPMENT FURNISHED UNDER THIS CONTRACT WILL BE NEW UNLESS OTHERWISE SPECIFIED, AND THAT ALL WORK WILL BE GOOD QUALITY, FREE FROM FAULTS AND DEFECTS, AND IN CONFORMANCE WITH THE CONSTRUCTION DOCUMENTS. ALL WORK NOT CONFORMING TO THESE STANDARDS MAY BE CONSIDERED DEFECTIVE. IT IS UNDERSTOOD THAT NO INFERIOR OR NON-CONFORMING WORK OR MATERIALS WILL BE ACCEPTED WHETHER DISCOVERED AT THE TIME THEY ARE INCORPORATED IN THE WORK OR AT ANY TIME BEFORE OR AFTER FINAL ACCEPTANCE. IF REQUIRED BY THE OWNER OR ARCHITECT, THE CONTRACTOR SHALL FURNISH SATISFACTORY EVIDENCE AS TO THE KIND AND QUALITY OF MATERIALS AND EQUIPMENT.
- THE WARRANTIES AND GUARANTEES PROVIDED IN THE CONSTRUCTION DOCUMENTS SHALL BE IN ADDITION TO AND NOT IN LIMITATION OF ANY OTHER WARRANTY OR GUARANTY OR REMEDY REQUIRED BY LAW OR BY THE CONSTRUCTION DOCUMENTS.
- THE ARCHITECT'S AND ENGINEER'S OBSERVATION FOR COMPLIANCE WITH THE PLANS AND SPECIFICATIONS SHALL NOT BE DEEMED SUPERVISION OR CONTROL OF CONSTRUCTION MEANS OR METHODS EMPLOYED BY THE CONTRACTOR OR ANY SUBCONTRACTOR.
- PROVIDE WOOD BLOCKING SUPPORT AT ALL SURFACE MOUNTED ITEMS MOUNTED TO FACE OF GYPSUM WALLBOARD WALLS.
- CAULK ALL JUNCTURES BETWEEN DIFFERENT MATERIALS.

# GREEN VALLEY RECREATION CENTER CAMERA CLUB

921 WEST VIA RIO FUERTE  
GREEN VALLEY, ARIZONA 85614

## TENANT IMPROVEMENT



CAMERA CLUB - TENANT IMPROVEMENT  
GENERAL INFORMATION

### CODE REVIEW

SUMMARY OF GOVERNING REGULATIONS			
CODE	TITLE	EDITION	LOCAL AMENDMENTS
BUILDING CODE	IBC	2018	YES
EXISTING BUILDING CODE	IEBC	2018	YES
ACCESSIBILITY CODE	ICC/ANSI A117.1	2017	
MECHANICAL CODE	IMC	2018	YES
ELECTRICAL CODE	NEC	2017	YES
PLUMBING CODE	IPC	2018	YES
FIRE CODE	IFC	2018	YES
ENERGY CONSERVATION CODE	IECC	2018	YES

GENERAL BUILDING SUMMARY (FOR REFERENCE)					
BUILDING	OCCUPANCY GROUP(S)	TYPE OF CONSTRUCTION	SPRINKLER SYSTEM	BUILDING AREA/HEIGHT/NO. OF STORIES	BUILDING AREA/HEIGHT/NO. OF STORIES
				REQUIRED	ACTUAL
EXISTING BLDG.	B BUSINESS	II-B	YES	69,000 SQ. FT. 75'-0" HIGH 4 STORIES	± 9,800 SQ. FT. ± 35'-0" 2 STORIES

### PROJECT DIRECTORY

- ARCHITECT**  
SEAVER / FRANKS ARCHITECTS INC, AIA  
2552 NORTH ALVERNON WAY  
TUCSON, ARIZONA 85712  
(520) 795-4000 CONTACT: RICHARD HUCH
- MECHANICAL ENGINEER**  
KC MECHANICAL ENGINEERING, LLC  
5447 EAST FIFTH STREET - SUITE 112  
TUCSON, ARIZONA 85711  
(520) 327-7611 CONTACT: MIGUEL GASTELUM
- ELECTRICAL ENGINEER**  
CC ELECTRICAL CONSULTING, LLC  
5551 SOUTH WHITE MOUNTAIN ROAD - SUITE 2538  
SHOW LOW, ARIZONA 85901  
(602) 400-1792 CONTACT: JEFFREY CLARK

### SCOPE OF WORK

THE SCOPE OF WORK FOR THIS PROJECT INVOLVES THE TENANT IMPROVEMENT OF THE GREEN VALLEY RECREATION CENTER'S CAMERA CLUB (APPROXIMATELY 2,350 SQUARE FEET). CONSTRUCTION WILL CONSIST OF NEW STEEL STUD WALLS/PARTITIONS AS REQUIRED. INCLUDED IN THE SCOPE OF THIS WORK WILL BE ALL MECHANICAL, AND ELECTRICAL WORK AS REQUIRED.

### DEFERRED SUBMITTALS

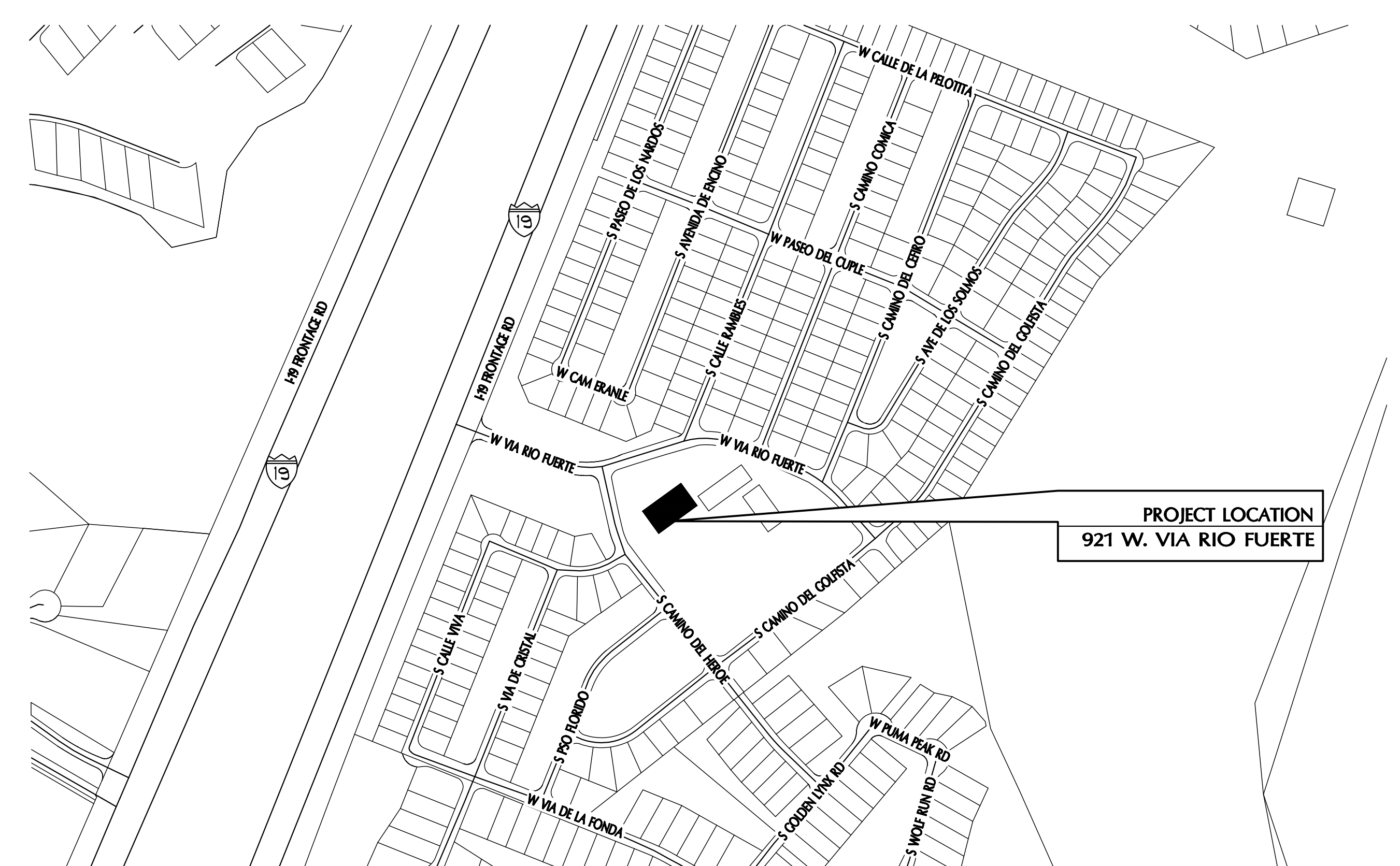
- FIRE SPRINKLERS

### SPECIAL INSPECTIONS

- NONE

### SHEET INDEX

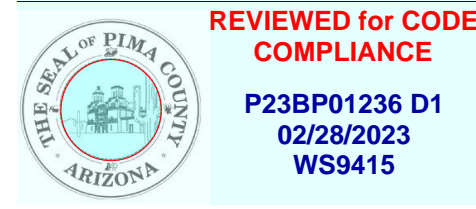
- ARCHITECTURAL**
- A0.0 GENERAL INFORMATION
  - D2.0 DEMOLITION FLOOR PLAN
  - A2.0 REFERENCE FLOOR PLAN
  - A3.0 DOOR TYPE/SCHEDULE, FINISH SCHEDULE, AND DETAILS
- MECHANICAL**
- M1.0 MECHANICAL DEMOLITION, NEW WORK PLANS AND NOTES
  - M2.0 DIVISION 15 - SPECIFICATIONS, DETAILS, SCHEDULES AND CALCS
- ELECTRICAL**
- E1.0 ELECTRICAL POWER PLAN
  - E2.0 ONE LINE DIAGRAM AND PANEL SCHEDULES
  - E3.0 ELECTRICAL SPECIFICATIONS



GREEN VALLEY RECREATION CENTER  
921 WEST VIA RIO FUERTE  
GREEN VALLEY, ARIZONA 85614

ISSUE DATE 02-03-2023  
PROJ. NO. 37024  
DRG. SCALE A5 NOTED

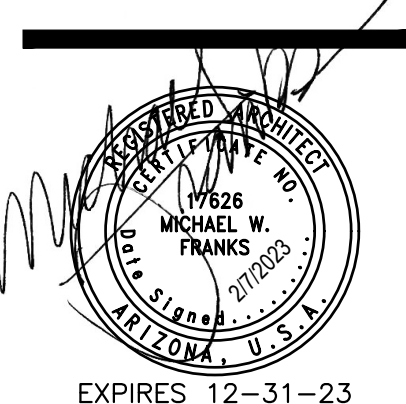
SHEET  
**A0.0**



REVIEWED FOR CODE COMPLIANCE  
 P23BP01236 D1  
 02/28/2023  
 WS9415

### GENERAL NOTES

A. FIELD VERIFY ALL CONDITIONS PRIOR TO CONSTRUCTION.



EXPIRES 12-31-23

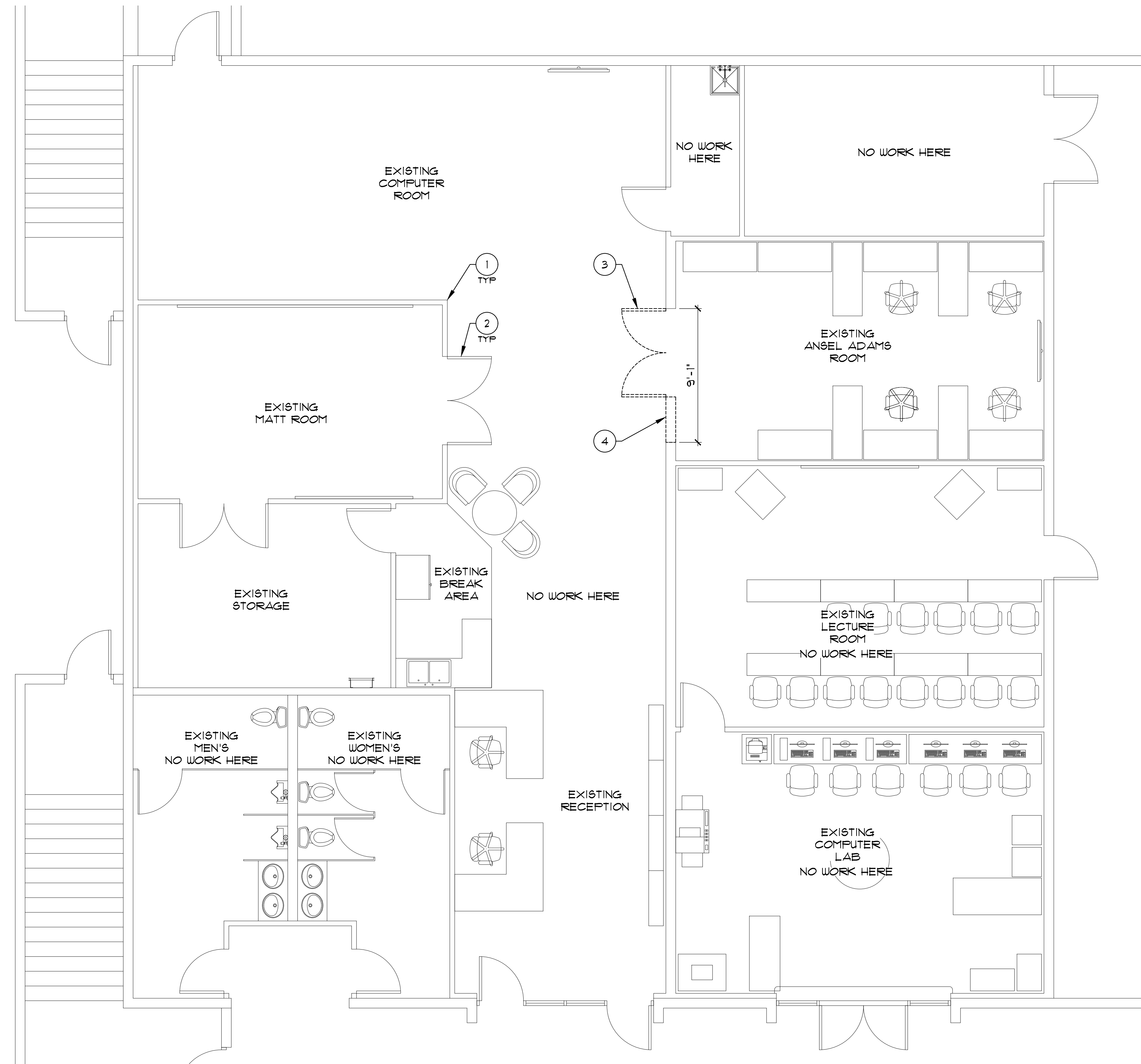
REVISIONS  
 NO. DATE

### DEMOLITION PLAN KEYNOTES

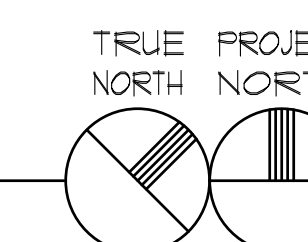
1. EXISTING WALL TO REMAIN.
2. EXISTING DOOR TO REMAIN.
3. EXISTING DOOR TO BE REMOVED.
4. EXISTING WALL TO BE REMOVED.

#### NOTES TO BUILDING INSPECTOR:

\* PDEQ asbestos (NESHAP) permit is required if building is commercial & demolition includes load-bearing members.



1 DEMOLITION FLOOR PLAN  
 SCALE: 1/4" = 1'-0"



CAMERA CLUB - TENANT IMPROVEMENT  
 DEMOLITION FLOOR PLAN



GREEN VALLEY RECREATION CENTER  
 921 WEST VIA RIO FUERTE  
 GREEN VALLEY, ARIZONA 85614

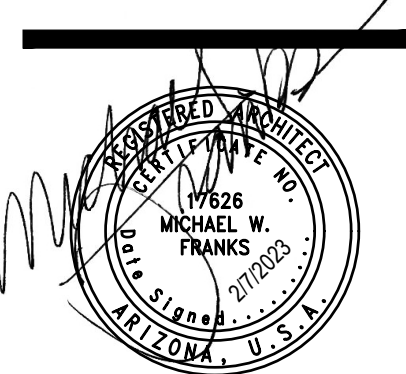
ISSUE DATE 02-03-2023  
 PROJ. NO. 3704  
 DRG. SCALE AS NOTED

SHEET

D2.0

### GENERAL NOTES

- FIELD VERIFY ALL CONDITIONS PRIOR TO CONSTRUCTION.
- PROVIDE BACKING AS REQUIRED FOR ALL WALL MOUNTED EQUIPMENT - SEE DETAIL 11/A4.0.
- ALL FURNITURE TO BE FURNISHED AND INSTALLED BY OWNER.
- REFER TO THE FINISH MATERIAL DESCRIPTION TABLE ON SHEET A3.0 FOR FINISHES SPECIFICATIONS.

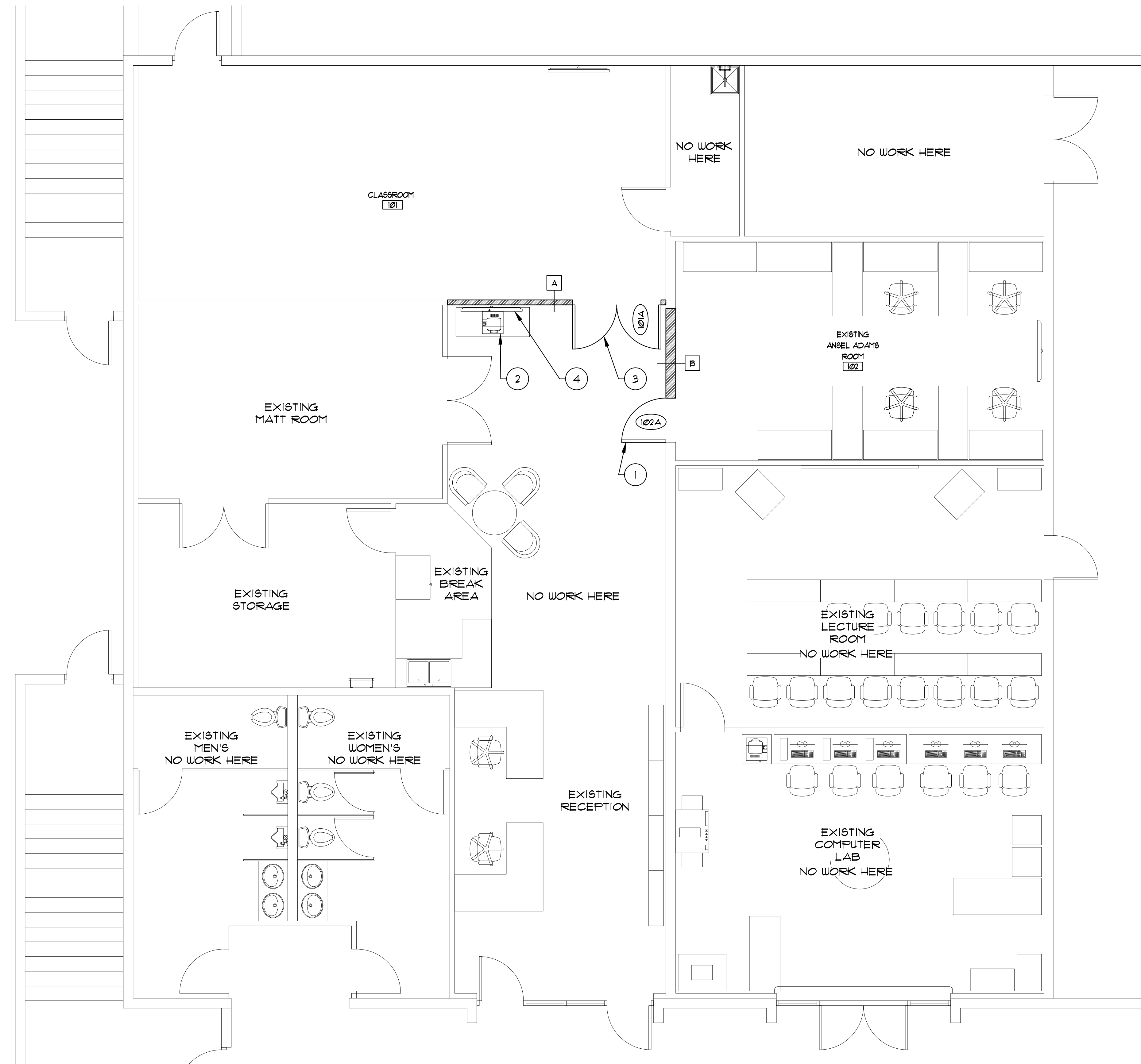


EXPIRES 12-31-23

**REVISIONS**  
 NO. DATE

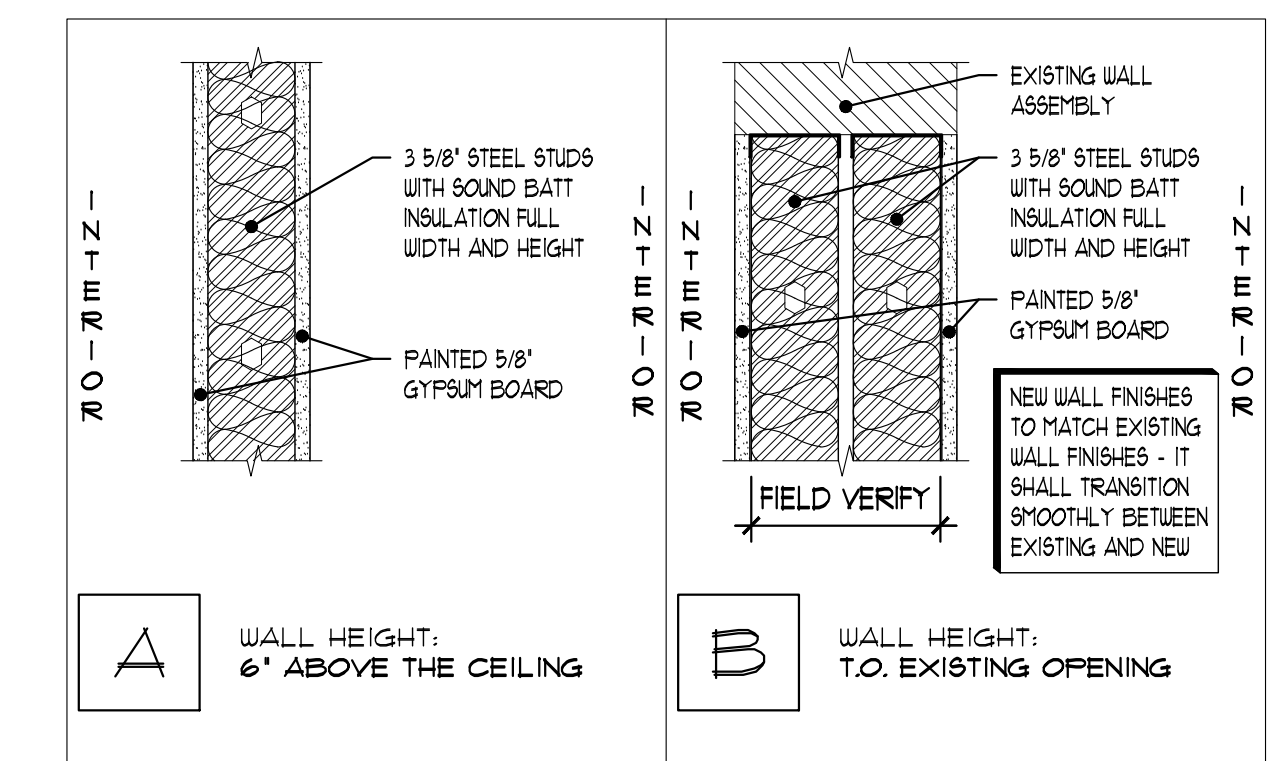
### FLOOR PLAN KEYNOTES

- NEW DOOR TO MATCH EXISTING.
- NEW DESK WITH PRINTER/COPIER BY OWNER.
- EXISTING RELOCATED DOUBLE DOOR.
- EXISTING RELOCATED WALL MOUNTED TELEVISION - SEE ELECTRICAL DRAWINGS.



### WALL TYPES

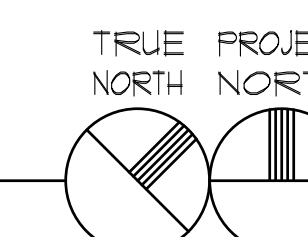
SCALE: 1/2" = 1'-0"

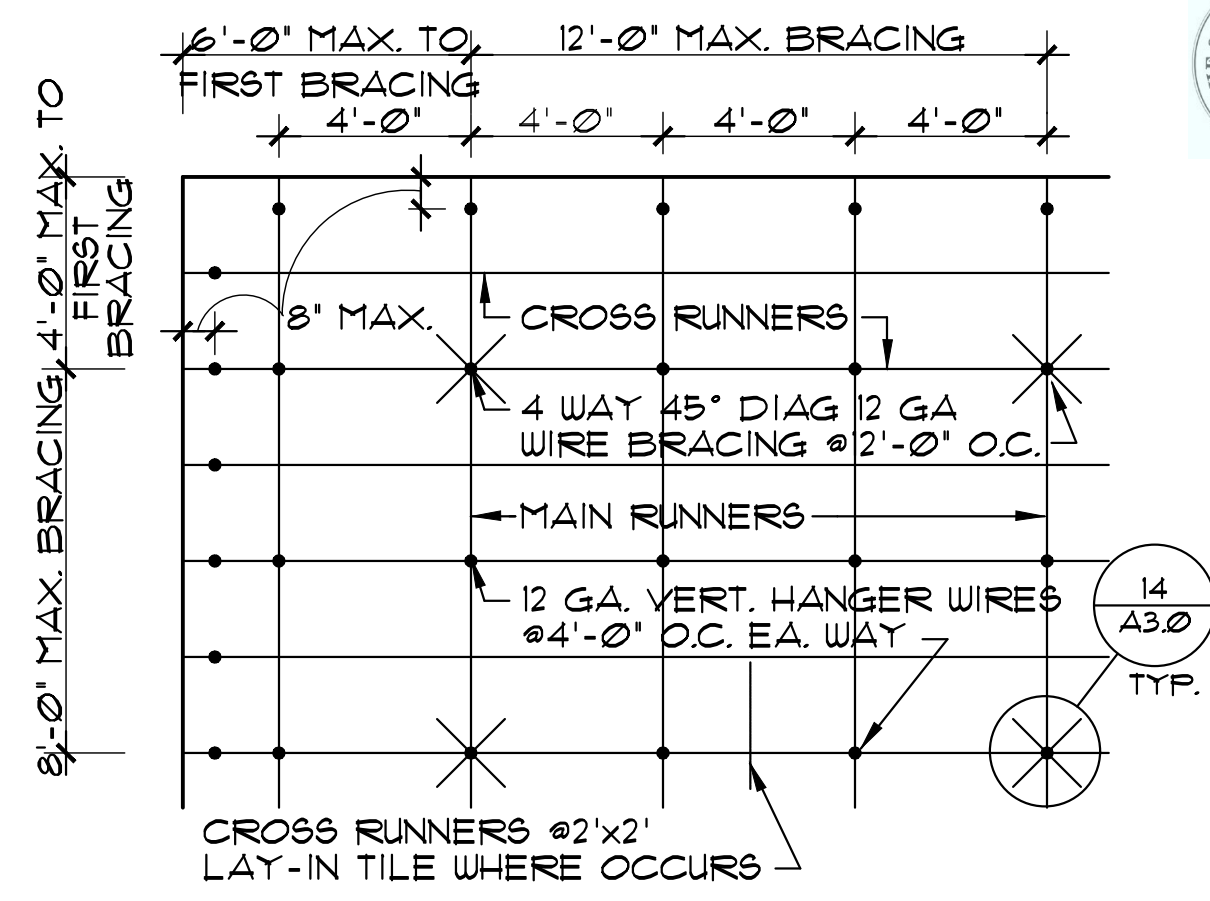


### PARTITION SIZE TABLE

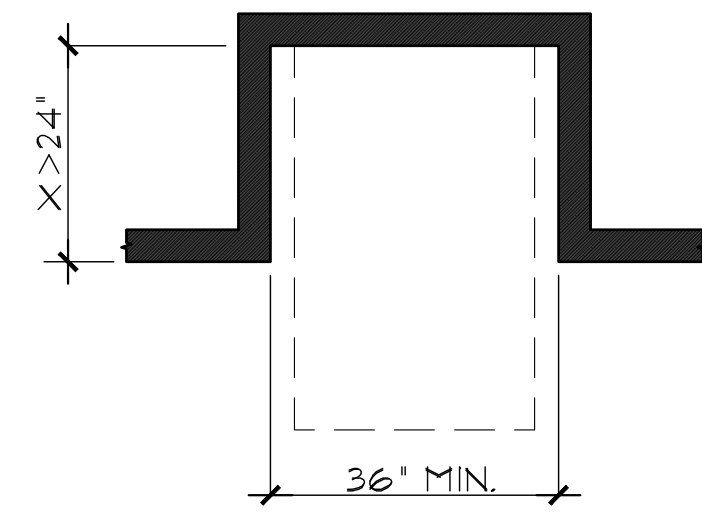
STEEL STUD PARTITION SIZE TABLE				
MAXIMUM UNBRACED PARTITION HEIGHT	STUD DEPTH	FLANGE WIDTH	STUD GA.	STUD SPACING
10'-10"	3 5/8"	1 1/4"	25	24" O.C.
12'-5"	3 5/8"	1 1/4"	25	16" O.C.
13'-0"	3 5/8"	1 1/4"	20	24" O.C.
15'-0"	3 5/8"	1 1/4"	20	16" O.C.
20'-0"	6"	1 1/4"	20	24" O.C.

- NOTES:
- HEIGHT LIMITATIONS AND STUD PROPERTIES BASED ON INFORMATION PROVIDED IN THE STEEL STUD MANUFACTURERS ASSOCIATION HANDBOOK. VALUES ARE FOR INTERIOR NON-STRUCTURAL NON-COMPOSITE PARTITIONS WITH A 5 PSF LOAD AND L/240 DEFLECTION FACTOR.
  - PROVIDE 4" STUDS AT PARTITIONS WITH 4" COLUMNS.
  - PROVIDE SLIP TRACK AT ALL INTERIOR FULL HEIGHT WALLS, ESPECIALLY AT THE PRE-ENGINEERED METAL BUILDING AREAS.
  - PROVIDE TYPE 'X' GYPSUM BOARD AT ALL RATED PARTITIONS.
  - PROVIDE DRYWALL CONTROL JOINTS (MICO DEEP 'V' WITH REMOVABLE TAPE OR SIMILAR). JOINTS ARE TO BE PLACED AT PARTIAL EXPANSES EXCEEDING 30'-0" IN LENGTH. PROVIDE CONTROL JOINTS IN CEILINGS TO LIMIT AREAS TO 2500 SQUARE FEET AND IN ORDER TO LIMIT DIMENSIONS IN EITHER DIRECTION TO 50'-0".

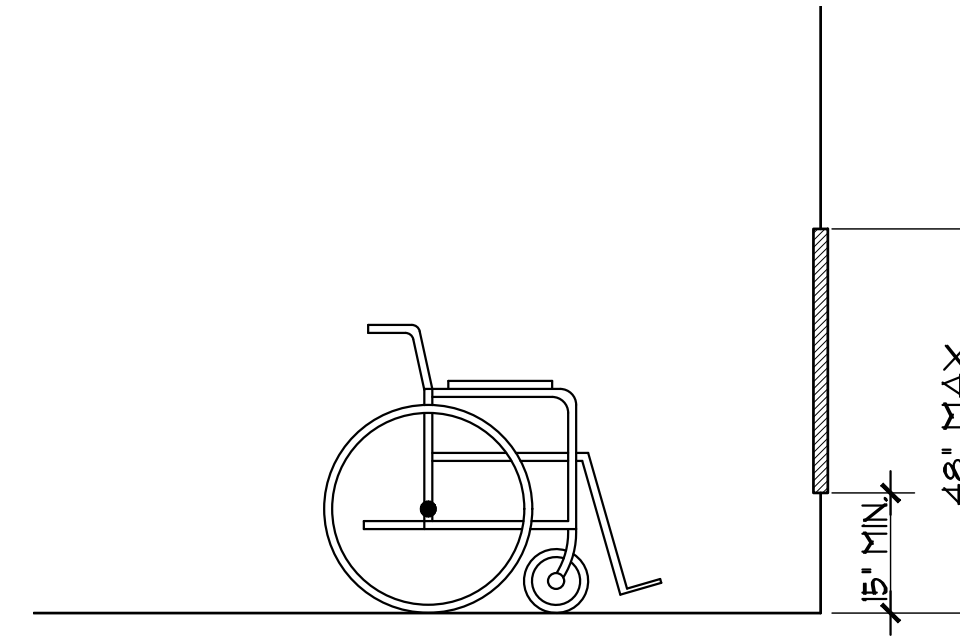




13 **DIAGRAMMATIC 2x4 LAY-IN CEILING PLAN**  
 SCALE: 1/4" = 1'-0"



9 **ADA FORWARD APPROACH**  
 SCALE: 1/2" = 1'-0"



5 **UNOBSTRUCTED FORWARD REACH**  
 SCALE: 1/2" = 1'-0"

DOOR SCHEDULE											
DOOR NO.	ROOM NAME	OPENING SIZE (W X H)	DOOR				FRAME			HOUR	NOTES
			TYPE	MATERIAL	FINISH	GLASS	TYPE	MATERIAL	FINISH		
101A	CLASSROOM	(2) 3'-0" X 7'-0"	1	WD/GL	ST	T	A	KD	PT	EXISTING	EXISTING DOOR TO BE RE-USED
102A	ANSEL ADAMS ROOM	3'-0" X 7'-0"	2	WD/GL	ST	T	B	KD	PT	OFFICE*	DOOR SHALL MATCH EXISTING

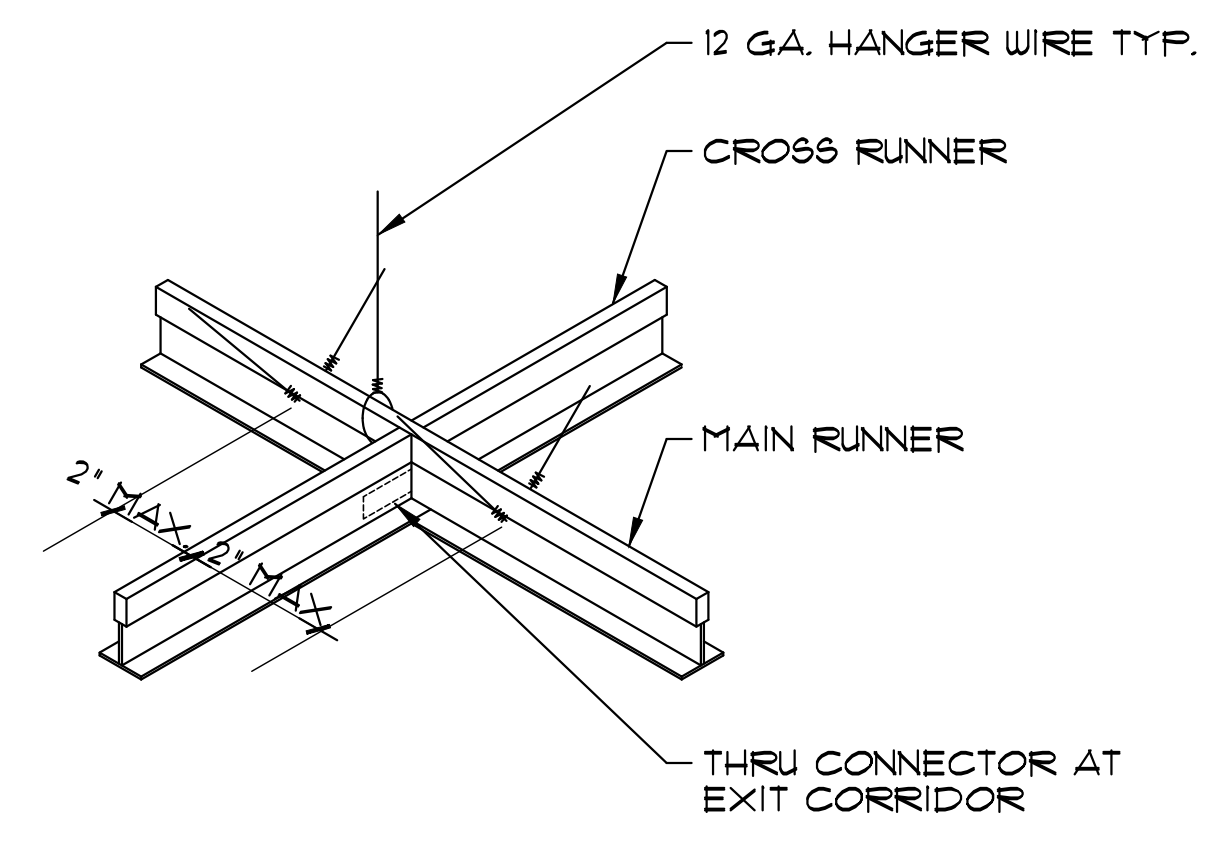
KEY TO ABBREVIATIONS		
GL = GLAZING	PT = PAINTED	T = TEMPERED GLAZING
KD = KNOCKED DOWN HOLLOW METAL	ST = STAINED / PRE-FINISHED	WD = WOOD

GENERAL DOOR NOTES	DOOR TYPE	DOOR (FRAME) TYPE
<p>a. REQUIRED HARDWARE TO COMPLY W/ ACCESSIBILITY REQUIREMENTS PER ANSI (ITI) 404.2.6.</p> <p>b. EGRESS DOORS SHALL BE READILY OPERABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.</p> <p>c. EGRESS DOOR HJW (INCLUDING HANDLES, PULLS, LATCHES, LOCKS, ETC) SHALL NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING, OR TWISTING OF WRIST TO OPERATE.</p> <p>d. EGRESS DOOR HJW SHALL BE INSTALLED NO LOWER THAN 34" AFF. AND NO HIGHER THAN 38" AFF.</p> <p>e. EGRESS DOORS SHALL NOT HAVE MANUALLY OPERATED FLUSH BOLTS OR SURFACE BOLTS.</p> <p>f. EGRESS DOORS SHALL BE CAPABLE OF BEING UNLATCHED IN NO MORE THAN A SINGLE OPERATION.</p> <p>g. OWNER SHALL WORK WITH CONTRACTOR'S DOOR HARDWARE SUPPLIER TO GENERATE A DOOR HARDWARE SCHEDULE. SECURITY ACCESS CONTROL MAY BE REQUIRED AT CERTAIN DOORS. ONCE CRITERIA IS SET, CONTRACTOR SHALL SUBMIT HARDWARE SCHEDULE FOR FINAL OWNER APPROVAL.</p> <p>h. INCLUDES DEADBOLT AND SIGN READING 'DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED, AND SECURITY MEASURES ABOVE.</p> <p>i. PROVIDE DOUBLE GLASS PANE AT DOOR, ONE PANE SHALL BE LAMINATED.</p> <p>j. OFFICE: PUSH-BUTTON LOCKING, PUSH-BUTTON LOCK OUTSIDE LEVER UNTIL IT IS UNLOCKED WITH A KEY OR BY TURNING INSIDE LEVER, INSIDE LEVER ALWAYS FREE FOR IMMEDIATE EGRESS.</p>	<p>1 SEE SCHED.</p> <p>2 SEE SCHED.</p>	<p>A SEE SCHED.</p> <p>B SEE SCHED.</p>

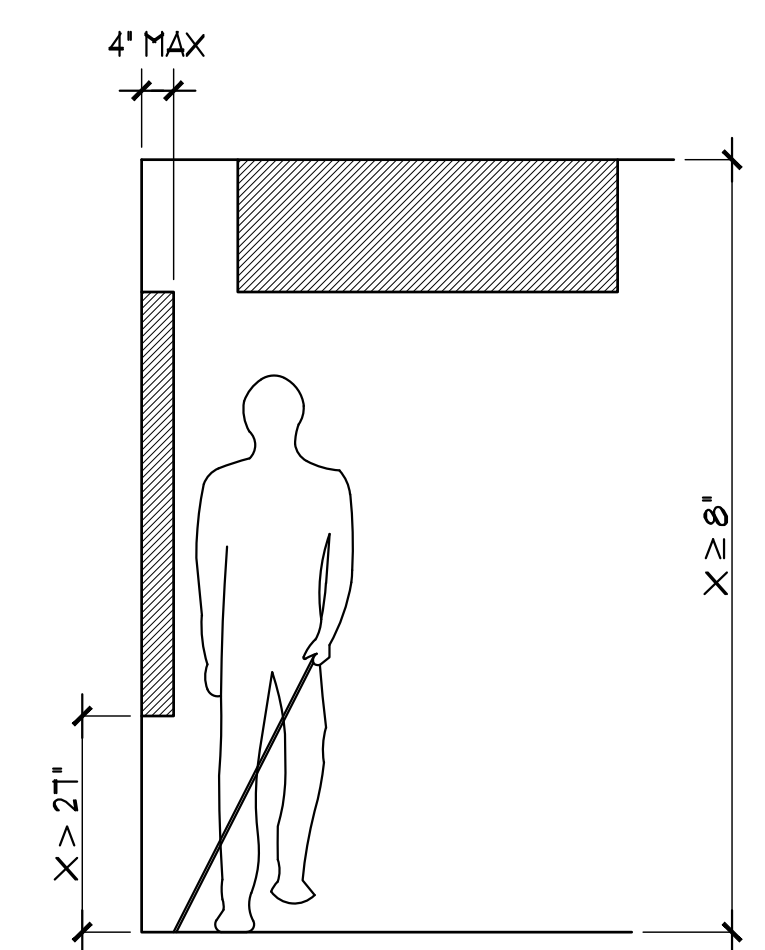
FINISH SCHEDULE												
ROOM NO.	ROOM NAME	FLOOR				WALLS			CEILING		REMARKS	
		MATERIAL	FINISHES	BASE	N	S	E	W	MATERIAL	FINISHES		HGT.
101	COMPUTER LAB	FI		BI	WI	EXG	EXG	EXG	EXG/CI		± 11'-10"	-
102	LECTURE ROOM	FI		BI	WI	EXG	EXG	EXG	EXG/CI		± 11'-10"	-

ROOM FINISH SCHEDULE KEY			
FLOOR	BASE	WALL / WAINSCOT	CEILING
FI - CARPET	BI - 4" RUBBER BASE	EXG - EXISTING WALL TO BE PAINTED (EGGSHELL ENAMEL)	EXG - EXISTING CEILING
		WI - WALL FINISH TO MATCH EXISTING AND PAINTED (EGGSHELL ENAMEL)	CI - 2x4 LAY-IN CEILING TO MATCH EXISTING (REFER TO THE REFLECTED CEILING PLAN FOR LOCATIONS)

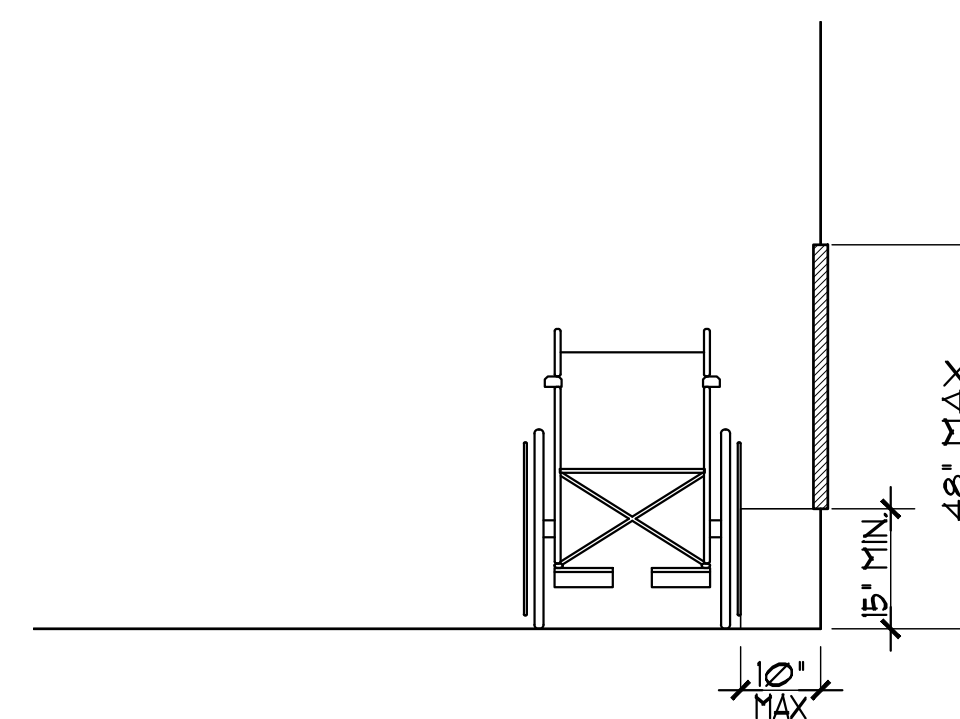
- FINISH MATERIAL GENERAL NOTES**
- PATCH EXISTING FLOORING AS REQUIRED.
  - ALL INTERIOR FINISHES TO COMPLY WITH ALL STATE AND LOCAL BUILDING CODES.
  - SAMPLES OF ALL FINISHES ARE REQUIRED TO BE SUBMITTED FOR APPROVAL PRIOR TO INSTALLATION.
  - ALL WALLS SHALL BE PAINTED AND RECEIVE 1 COAT OF PRIMER AND 2 FINISH COATS OF PAINT.
  - PAINT FINISHES AT THE CEILING SHALL BE FLAT.
  - PAINT FINISHES AT WALLS SHALL BE SHERWIN WILLIAMS SUPERPAINT VELVET.



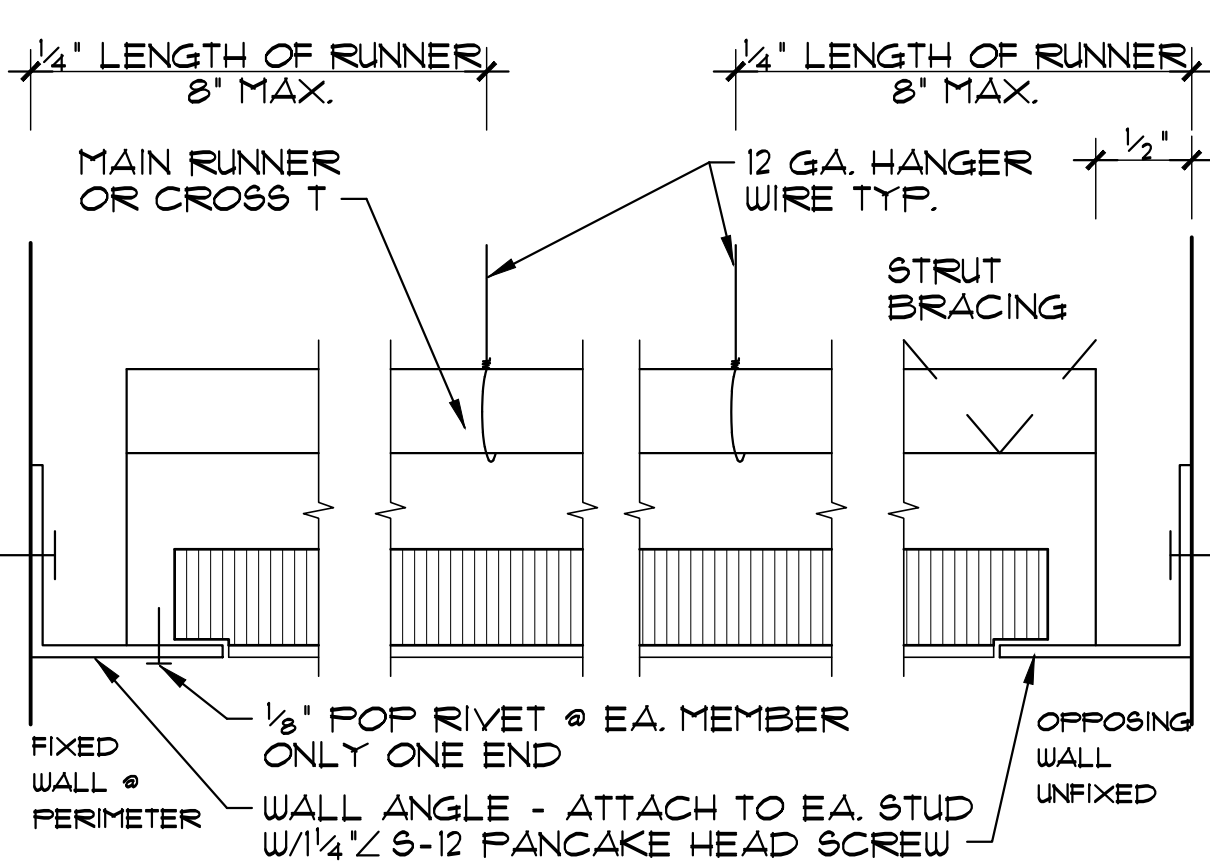
14 **ACOUSTIC CEILING CROSS CONNECTION**  
 SCALE: 3/4" = 1'-0"



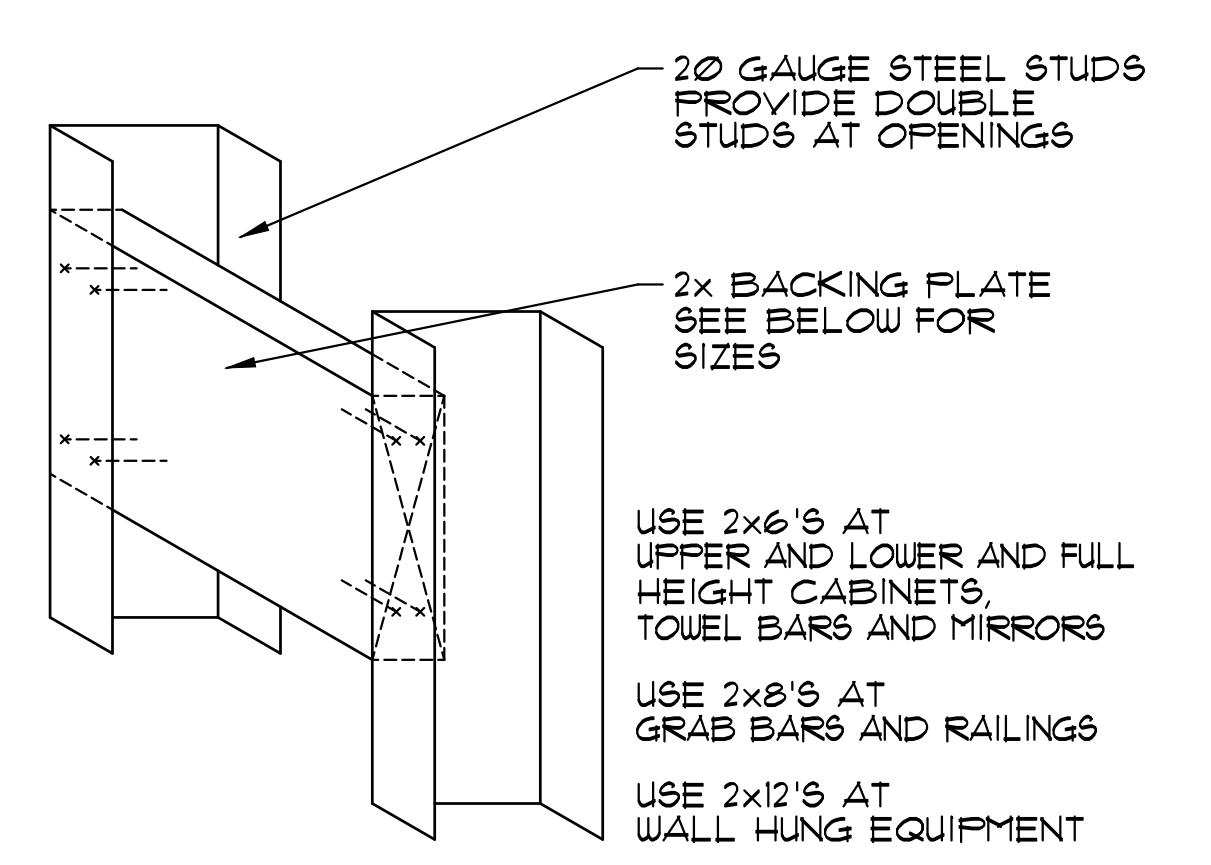
10 **LIMITS OF PROTRUDING OBJECTS**  
 SCALE: 1/2" = 1'-0"



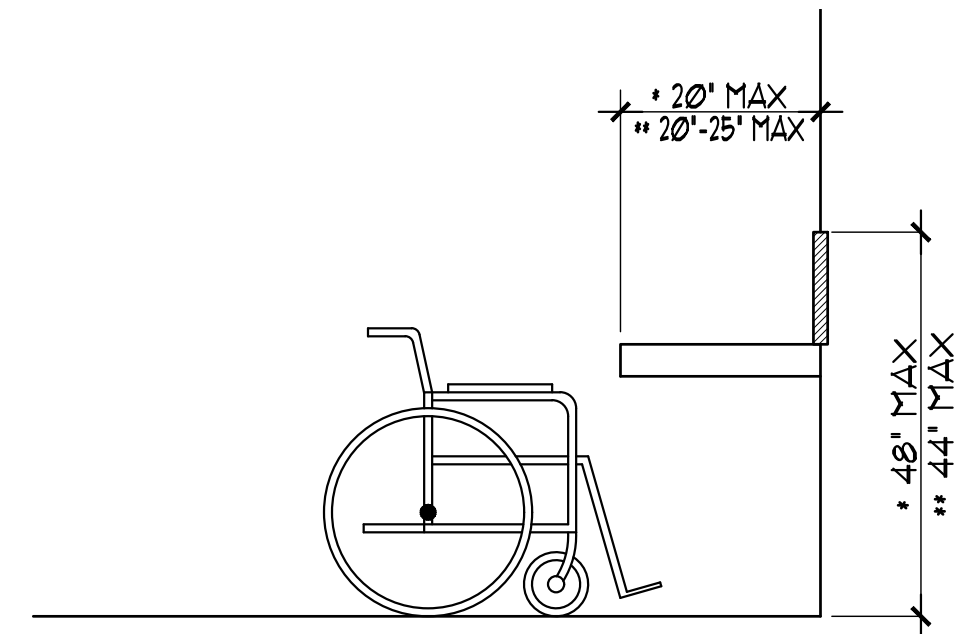
6 **UNOBSTRUCTED SIDE REACH**  
 SCALE: 1/2" = 1'-0"



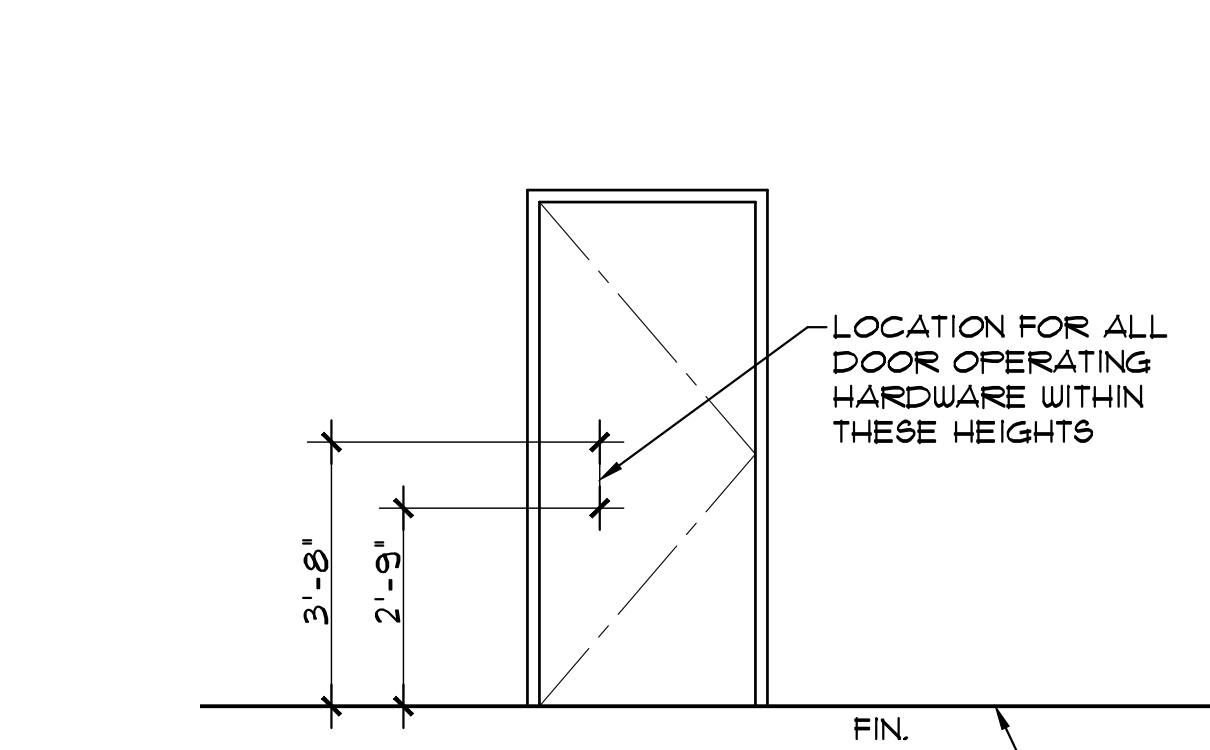
15 **ACOUSTIC CEILING WALL CONNECTION**  
 SCALE: FULL SCALE



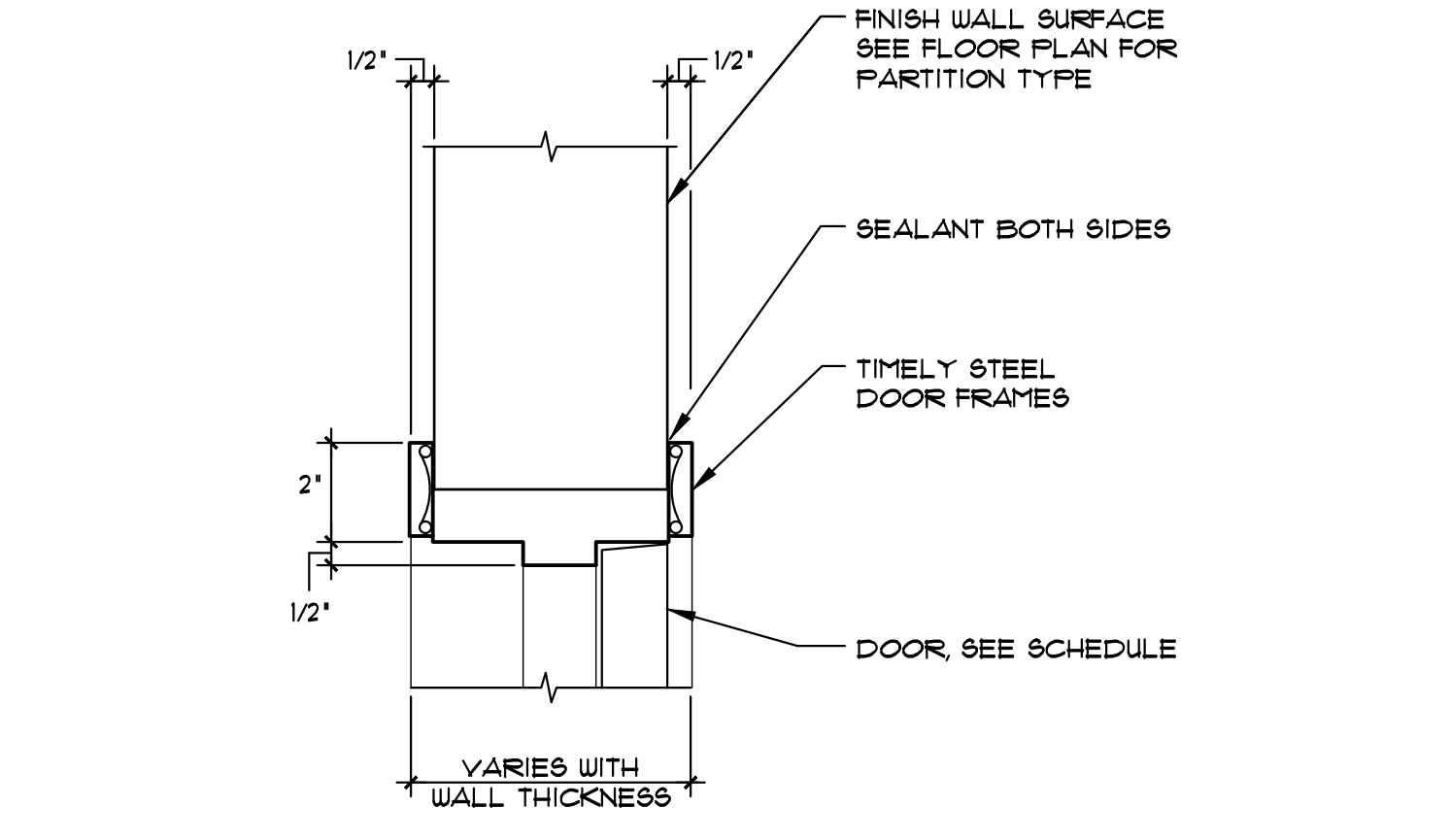
11 **BACKING PLATE**  
 SCALE: 3/4" = 1'-0"



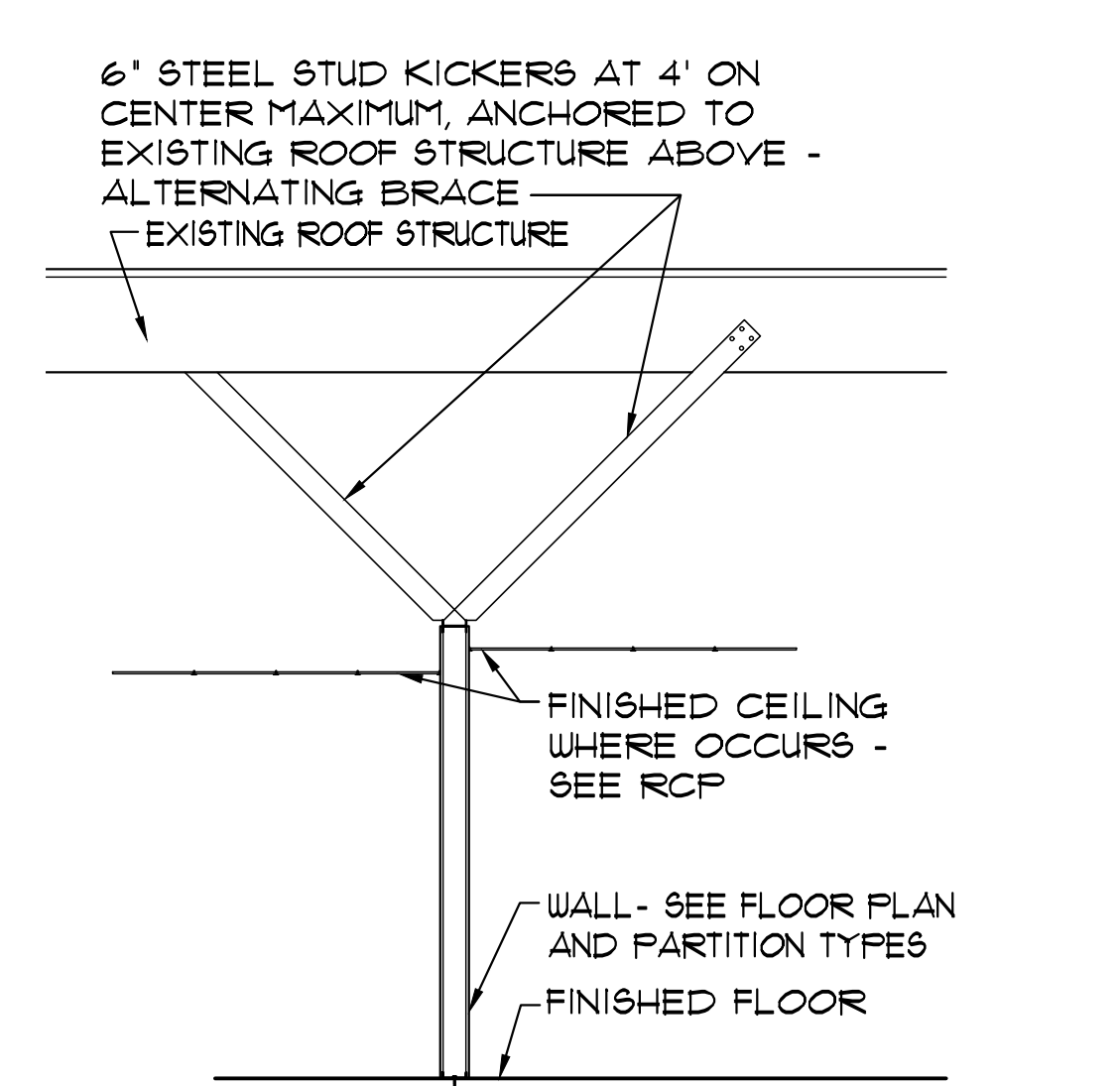
7 **OBSTRUCTED HIGH FORWARD REACH**  
 SCALE: 1/2" = 1'-0"



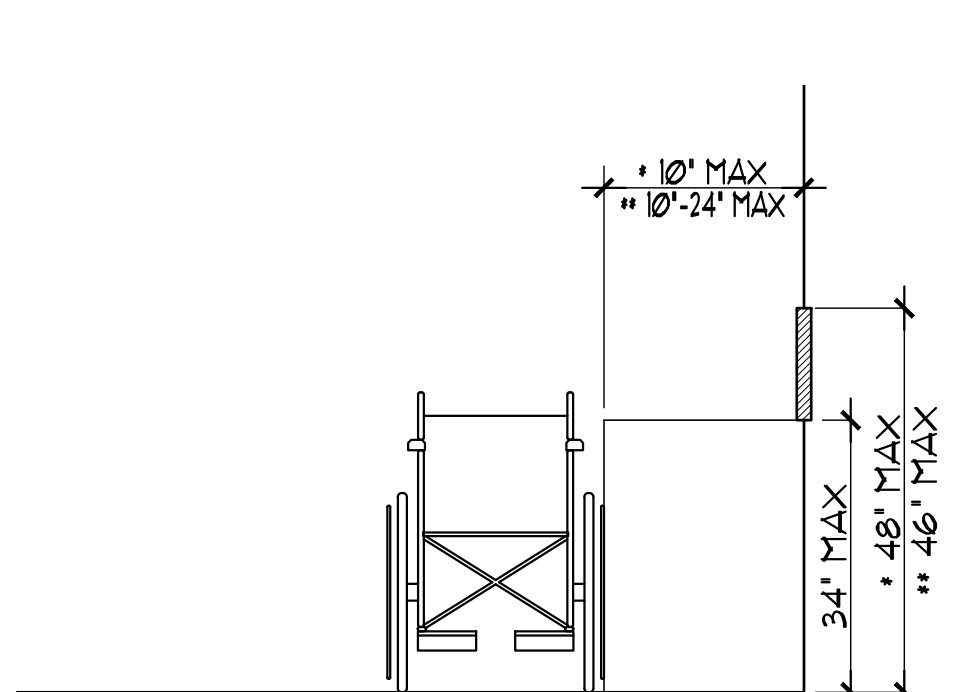
3 **DOOR OPERATING HARDWARE MOUNTING HEIGHT**  
 SCALE: 3/8" = 1'-0"



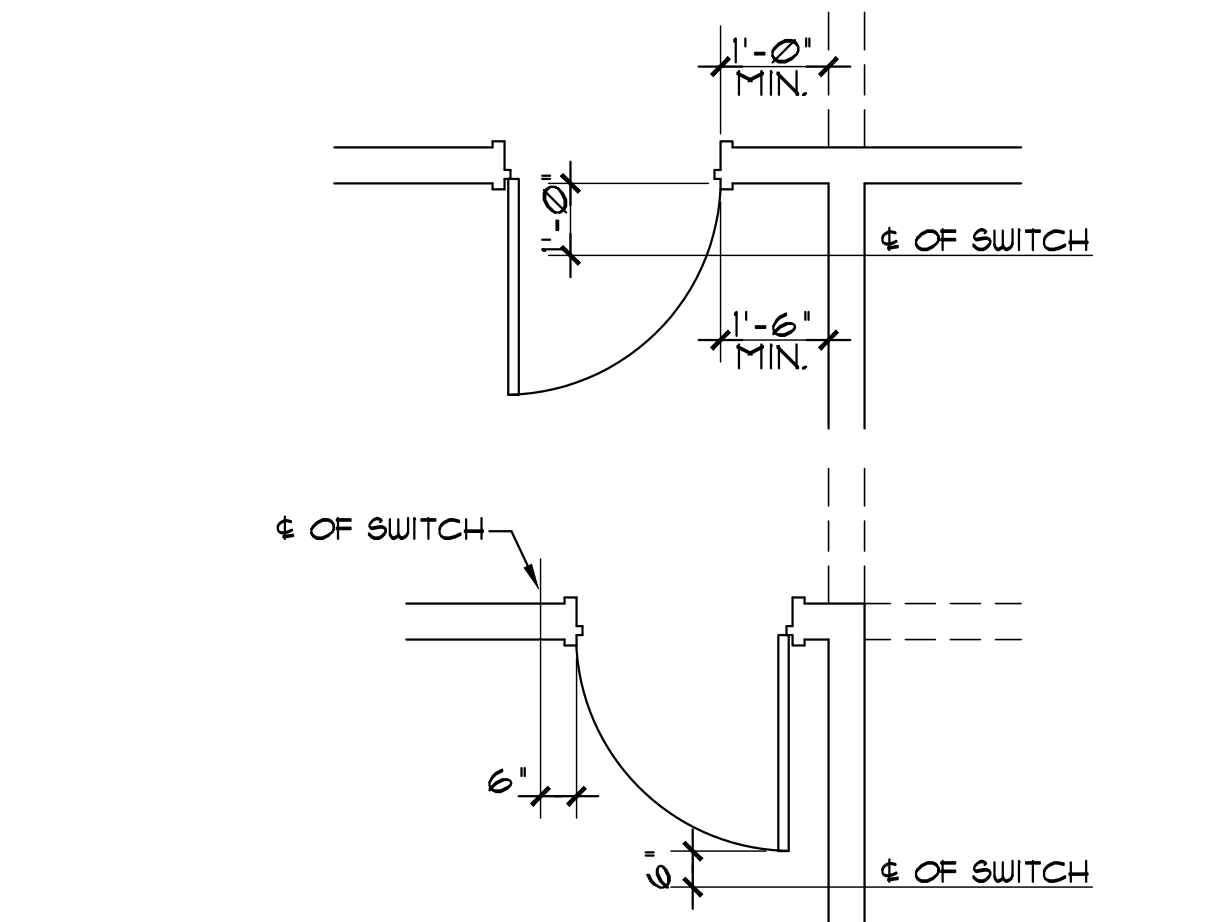
1 **DOOR HEAD (JAMB SIM)**  
 SCALE: 3/4" = 1'-0"



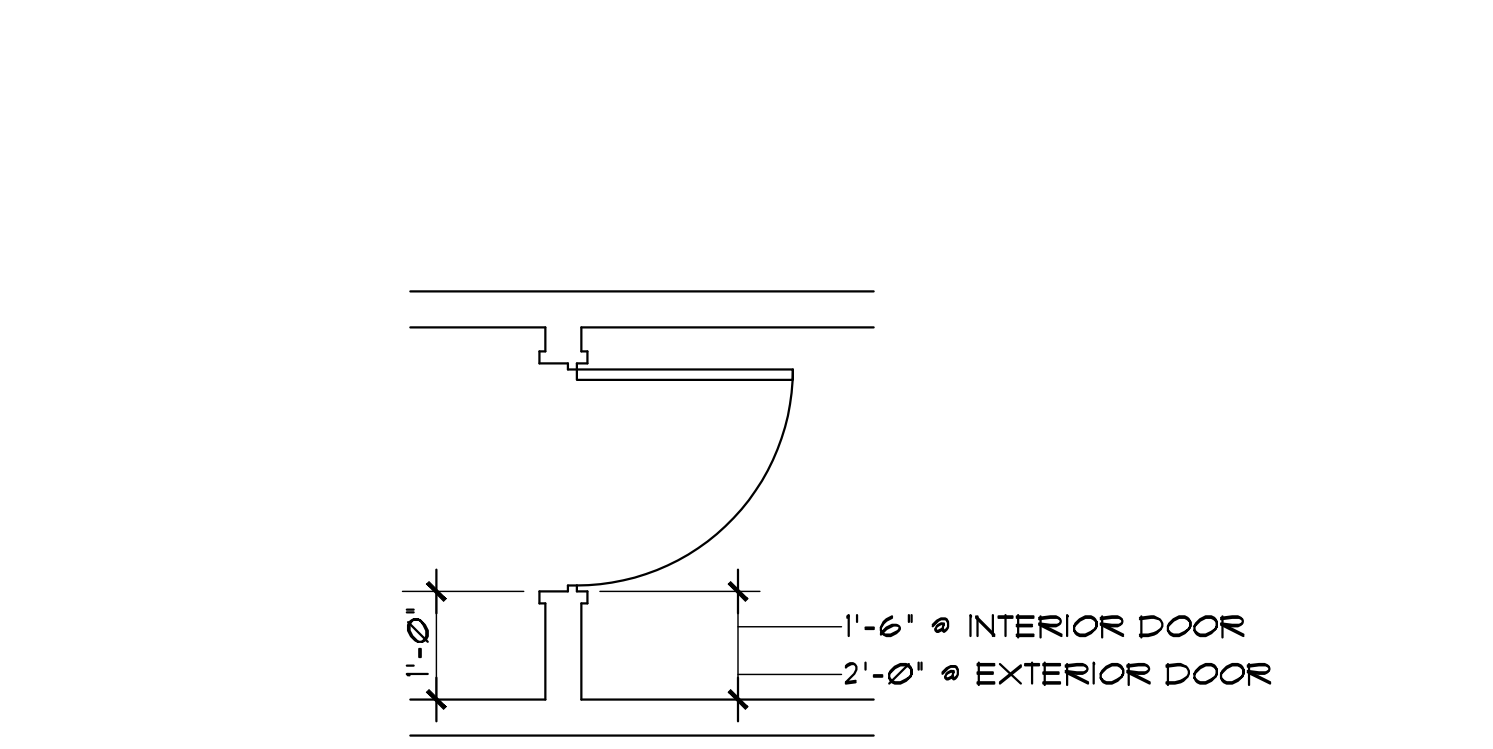
12 **WALL BRACE**  
 SCALE: 1/4" = 1'-0"



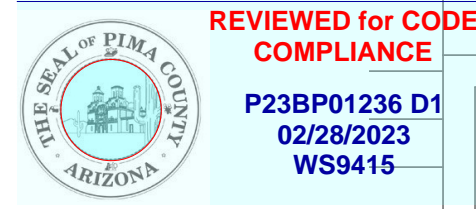
8 **OBSTRUCTED HIGH SIDE REACH**  
 SCALE: 1/2" = 1'-0"



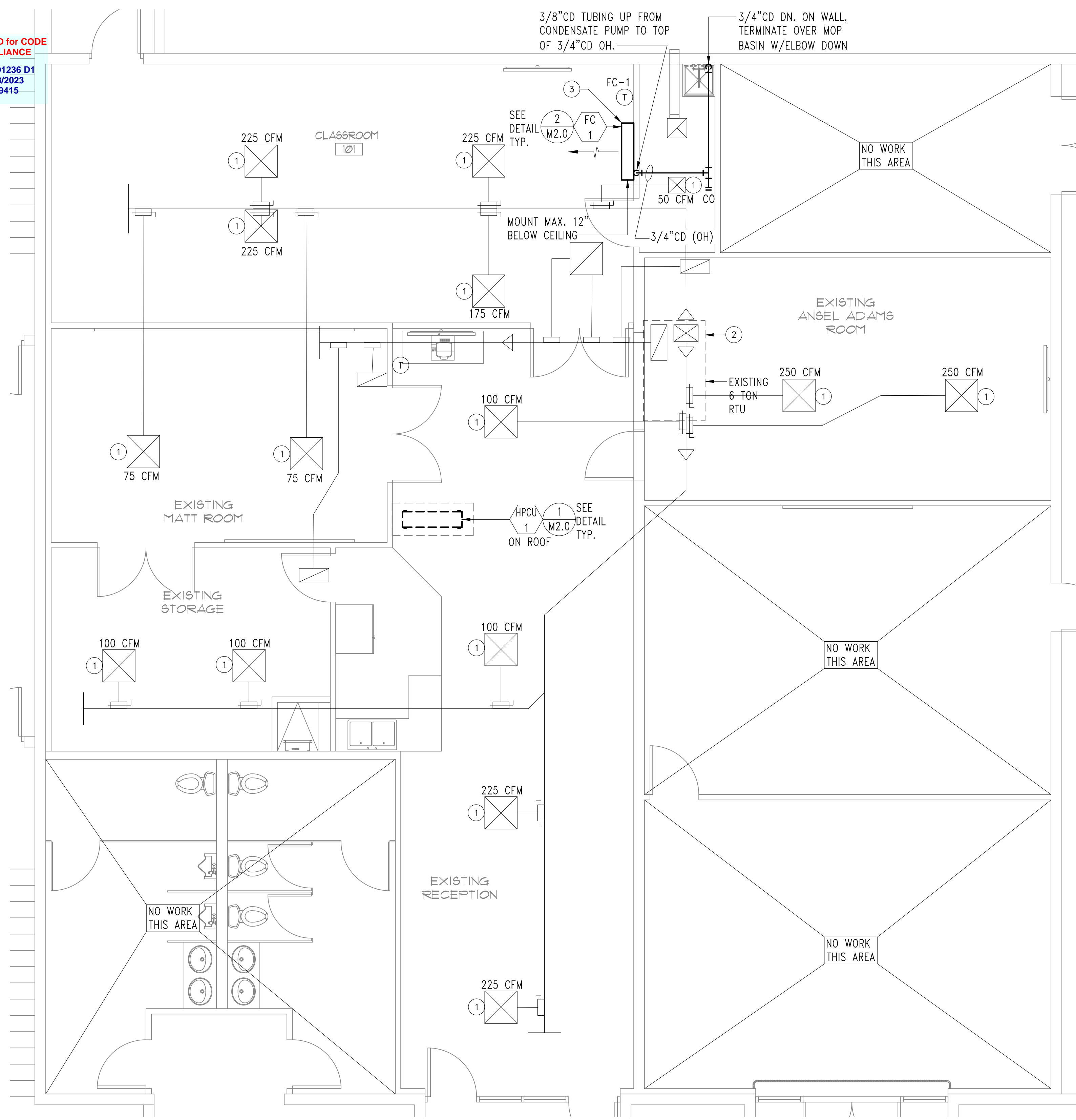
4 **LIGHT SWITCH LOCATIONS**  
 SCALE: 3/8" = 1'-0"



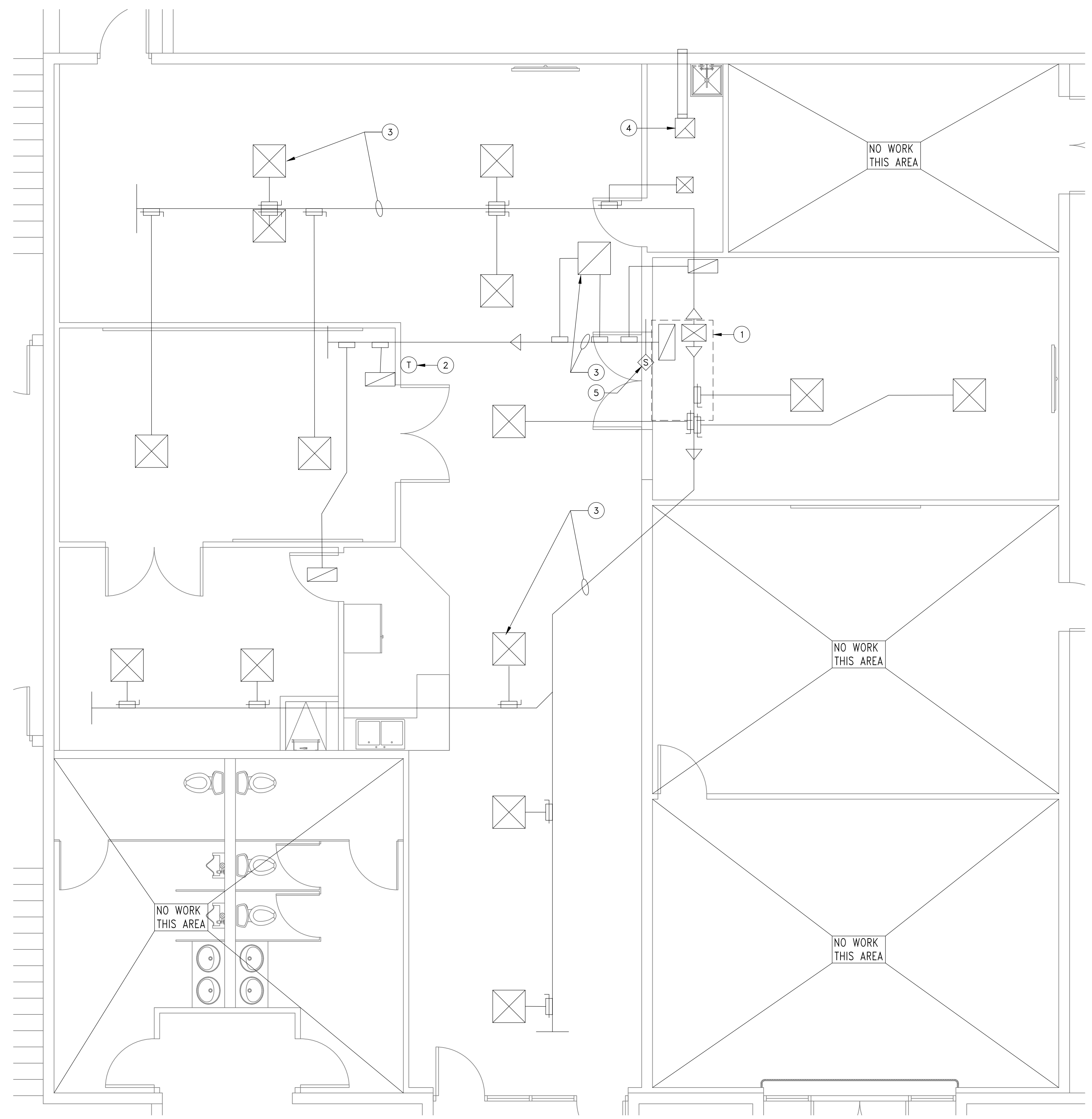
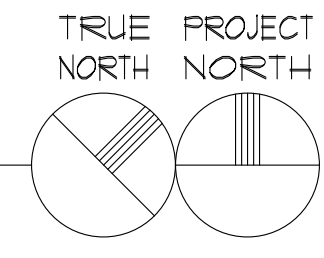
2 **DOOR CLEARANCE REQUIREMENT**  
 SCALE: 3/8" = 1'-0"



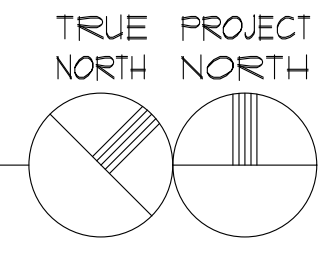
REVIEWED FOR CODE COMPLIANCE  
 P23BP01236 D1  
 02/28/2023  
 WS0416



2 NEW WORK MECHANICAL PLAN  
 SCALE: 1/4" = 1'-0"



1 DEMOLITION MECHANICAL PLAN  
 SCALE: 1/4" = 1'-0"



MECHANICAL NEW WORK PLAN—KEYNOTES

1. RE-BALANCE AIR DEVICE TO AIR FLOW SHOWN ON PLAN.
2. REBALANCE EXISTING 6 TON UNIT TO 2400 CFM AND 610 O.A.
3. NEW REFRIGERANT LINE SET DOWN FROM NEW FAN COIL FC-1.

MECHANICAL GENERAL NOTES

1. COORDINATE ALL MECHANICAL WORK WITH ALL OTHER TRADES. VERIFY ALL EXISTING CONDITIONS BEFORE THE START OF WORK.
2. PROVIDE ALL REQUIRED DEMOLITION OF EXISTING MECHANICAL EQUIPMENT, MATERIALS AND OTHER ITEMS WHICH ARE NOT TO BE REUSED IN NEW DESIGN. ALL ITEMS WHICH THE OWNER DOES NOT WISH TO SALVAGE SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE.
3. COORDINATE EXACT LOCATION OF ALL AIR DEVICES WITH ARCHITECTURAL REFLECTED CEILING PLAN.
4. ROUTE CONDENSATE DRAIN LINES AS INDICATED ON DRAWING. PROVIDE MINIMUM SLOPE OF 1/8" PER 1'-0".
5. SUPPORT HEAT PUMP CONDENSING UNITS ON PLATFORM. EXACT LOCATION SHALL INSURE ADEQUATE CLEARANCE FOR SERVICING AND FOR AIR CIRCULATION.
6. ROUTE REFRIGERANT PIPING BETWEEN FAN COIL UNIT AND HEAT PUMP CONDENSING UNIT CONCEALED IN FINISHED SPACES. SEAL ALL ROOF OR WALL PENETRATIONS WEATHERTIGHT. PROVIDE PVC PIPE SLEEVE FOR UNDERGROUND REFRIGERANT PIPING. REFRIGERANT PIPING SIZES SHALL BE FOR MANUFACTURER'S INSTALLATION INSTRUCTIONS (BASED ON THE ACTUAL LOCATIONS AND ELEVATIONS OF EQUIPMENT).
7. ALL LOW VOLTAGE CONTROL WIRING AND ITS INSTALLATION TO BE BY MECHANICAL CONTRACTOR. INSTALL PER ELECTRICAL SPECIFICATIONS. MOUNTING HEIGHT OF THERMOSTATS SHALL BE PER ADA REQUIREMENTS.
8. PROVIDE 3/4" WAFFLE STYLE VIBRATION ISOLATORS EQUAL TO MASON INDUSTRIES "SUPER W" AT ALL ROOF MOUNTED, MOTOR DRIVEN EQUIPMENT.
9. MECHANICAL CONTRACTOR SHALL REVIEW ALL ELECTRICAL DRAWINGS BEFORE PURCHASING EQUIPMENT TO INSURE THAT PROPER ELECTRICAL SERVICE IS TO BE PROVIDED FOR ALL NEW EQUIPMENT.

MECHANICAL DEMO PLAN—KEYNOTES

1. EXISTING ROOFTOP 6 TON UNIT
2. EXISTING T'STAT TO REMAIN
3. EXISTING DUCTWORK AND AIR DEVICES TO REMAIN IN PLACE, TYPICAL
4. EXISTING EXHAUST FAN TO REMAIN
5. EXISTING SMOKE DETECTOR

PRIOR TO START OF ANY DEMOLITION; MEASURE SUPPLY AND RETURN AIRFLOWS AT EXISTING CEILING DIFFUSERS AND RETURN GRILLES WITHIN AREA OF CONSTRUCTION. MEASURE ROOFTOP UNIT TOTAL SUPPLY AIR, OUTSIDE AIR, STATIC PRESSURE, FAN RPM, AND FAN MOTOR DATA. THIS DATA SHALL BE SUBMITTED FOR REVIEW AND USED FOR BALANCING AFTER NEW WORK IS COMPLETE.

CONTRACTOR TO REFURBISH ALL EXISTING EQUIPMENT BEING REBALANCED AND ENSURE IT IS IN GOOD WORKING ORDER AND REPORT ANY DEFICIENCIES. CLEAN COIL/CONDENSATE PAN AND PROVIDE NEW FILTERS

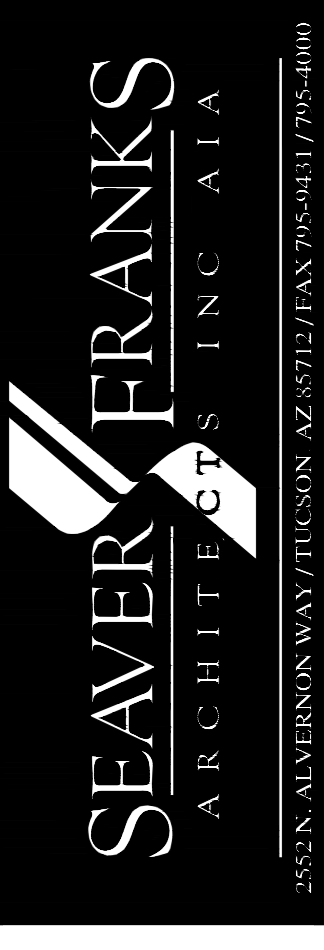
Images: .\VC\_07.06.2022.tif  
 .\VC\_seal\_01.31.23.tif  
 X:\Users\camthorne\OneDrive\Documents\Projects\2022\22370\_Mechanical\22370\_m1.dwg  
 .\22276\_mbkgrcp  
 .\22276\22276\_dmbkg  
 K:\Projects\2022\22370\22370\_dmbkg  
 K:\Projects\2022\22370\22370\_mbkgrcp  
 K:\Projects\2022\22370\22370\_bt

Drawing Name: K:\Projects\2022\22370\22370\_Mechanical\22370\_m1.dwg By: eros  
 Layout Name: M1.0 Jan 31, 2023 - 10:55am  
 Plot Time: Jan 31, 2023 - 10:54am eros



REVISIONS	DATE
NO.	

CAMERA CLUB - TENANT IMPROVEMENT  
 MECHANICAL DEMOLITION AND NEW  
 WORK PLANS AND NOTES



GREEN VALLEY RECREATION CENTER  
 921 WEST VIA RIO FUERTE  
 GREEN VALLEY, ARIZONA 85614

ISSUE DATE 02-03-2023  
 PROJ. NO. 3704  
 DRG. SCALE AS NOTED

SHEET

M1.0



**GENERAL NOTES:**

ALL WORK IS TO BE PERFORMED IN ACCORDANCE WITH 2017 (OR LATEST ADOPTED) NATIONAL ELECTRICAL CODES AND ALL APPLICABLE LOCAL CODES, ORDINANCES AND TOWN OF GREEN VALLEY AMENDMENTS TO N.E.C.  
 ALL WIRING SHALL BE COPPER UNLESS OTHERWISE NOTED OTHERWISE.  
 INSULATION SHALL BE TYPE XHHW OR THHN/THWN. MINIMUM CONDUCTOR SIZE IS #12 AWG. LARGER CONDUCTORS TO BE USED WHEN INDICATED.  
 #10 AWG. NEUTRAL CONDUCTOR WHEN COMMON WITH 2 OR 3 (208Y/120) VOLT CIRCUITS.

PROVIDE BOND WIRE IN ALL RACEWAYS, SIZED PER N.E.C. ART. #250.  
 INSTALL ALL WIRING IN APPROVED METALLIC RACEWAY. WIRING METHODS (AC, MC, NM, SE, UF OR SIMILAR CABLES) ARE NOT APPROVED.

ALL PENETRATIONS OF FIRE RESISTIVE FLOORS OR SHAFT WALLS SHALL BE PROTECTED BY MATERIALS AND INSTALLATION DETAILS THAT CONFORM TO UNDERWRITERS LABORATORY LISTINGS FOR THROUGH PENETRATIONS FIRESTOP SYSTEMS. THE CONTRACTOR SHALL SUBMIT SHOP DRAWING DETAILS WHICH SHOW COMPLETE CONFORMANCE TO THE U.L. LISTING TO THE INSPECTORS. THE DRAWINGS SHALL BE SPECIFIC FOR EACH PENETRATION WITH ALL VARIABLES DEFINED.

CONTRACTOR IS TO VERIFY CONDITION OF EXISTING INSTALLATIONS BY FIELD INSPECTION. CONTRACTOR IS TO PROVIDE NEW WIRE, CONDUIT, AND BOXES AS REQUIRED WITH NO ADDITIONAL COST.

CONTRACTOR IS TO COORDINATE WITH MECHANICAL CONTRACTOR FOR EXACT LOCATIONS AND REQUIREMENTS OF ALL MECHANICAL EQUIPMENT PRIOR TO ROUGH-IN.

ALL GENERAL USE RECEPTACLES MOUNTED WITHIN 6' OF A BASIN OR SINK SHALL BE G.F.C.I.

ALL RECEPTACLES, LIGHTING AND DATA/TELEPHONE COVER PLATE TYPES, COLORS AND FINISHES SHALL MATCH EXISTING. ALL WIRING DEVICES SHALL BE COMMERCIAL SPECIFICATION GRADE.

CONTRACTOR IS TO PROVIDE BOND WIRE IN ALL RACEWAYS, SIZED PER N.E.C. ART. #250.

CONTRACTOR IS TO VERIFY EXACT LOCATIONS, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS OF ALL EQUIPMENT PROVIDED BY OTHERS PRIOR TO ROUGH-IN. CONTRACTOR IS TO PROVIDE DISCONNECT SWITCHES AND TRANSFORMERS AS REQUIRED, AND FINAL CONNECTIONS TO EQUIPMENT PER OWNER.

CONTRACTOR IS TO PROVIDE AND INSTALL ADDITIONAL EXIT SIGNS, EMERGENCY LIGHTS AND NIGHT LIGHTS IF REQUIRED BY GOVERNING INSPECTOR. ALL LIGHTING FIXTURES TO BE INDEPENDENT LABORATORY LISTED.

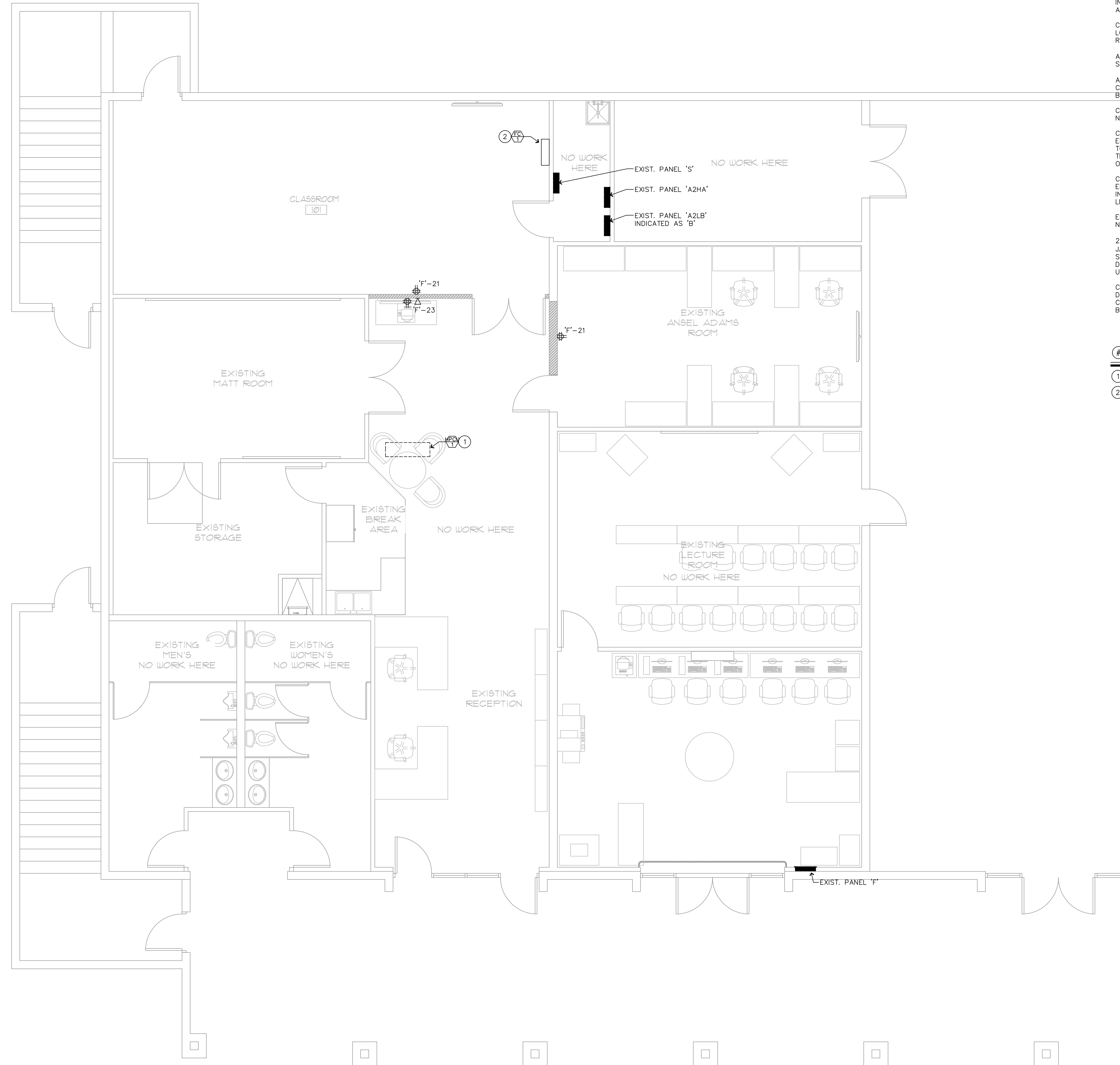
ELECTRICAL CONTRACTOR SHALL PROPERLY SUPPORT ALL EXISTING AND NEW CONDUIT FROM NEW SUPPORTS PER NEC ART. 300-11.

2' x 4' FIXTURES SHALL BE SUPPORTED BY GALVANIZED CADMIUM PLATED JACK CHAINS AND SAFETY "S" HOOKS ATTACHED TO THE BUILDING STRUCTURE. LEAVE FIXTURES CLEAN OF DIRT, DUST, GREASE SPOTS, DEBRIS. ALL GLASS, PLASTIC AND OTHER COMPONENTS ARE TO BE UNSCRATCHED AND UNBROKEN PRIOR TO ACCEPTANCE.

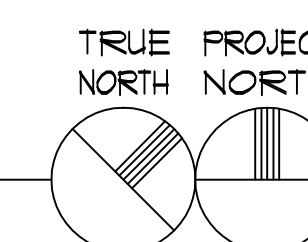
CONTRACTOR MAY REUSE THE EXISTING CONDUIT, BRANCH CIRCUITS, DEVICES AND BACK BOXES TO THE EXTENT POSSIBLE. ALL REUSED CONDUCTORS SHALL MATCH DESIGNED CONDUCTOR SIZES OR THEY SHALL BE REPLACED.

**KEYED NOTES:**

- 1 EXISTING HEAT PUMP UNIT TO REMAIN "AS-IS".
- 2 NEW FAN COIL UNIT TO TIE INTO EXISTING HPCU-1. NO NEW LOAD ADDED TO PANEL.



1 POWER FLOOR PLAN  
 SCALE: 1/4" = 1'-0"





**LOAD CALCULATION BASED FROM ENGINEERED DRAWINGS DATED 10/2020:**

CONNECTED LOADS EXISTING PANEL 'DP-ALT':

(E) PANEL 'A1LA'	=	93.0 AMPS
(E) PANEL 'F1LA'	=	120.0 AMPS
(E) PANEL 'F1LB'	=	77.0 AMPS
(E) PANEL 'F1LC'	=	102.0 AMPS
(E) PANEL 'POOL'	=	36.0 AMPS
(E) PANEL 'S1LA'	=	123.0 AMPS
(E) PANEL 'F' (INCLUDING NEW LOAD ADDED)	=	84.0 AMPS
<b>TOTAL LOAD ON EXISTING PANEL 'DP-ALT'</b>	<b>=</b>	<b>635.0 AMPS</b>
635.0A X (208V X 1.73)	=	228.6 KVA
228.6 KVA / (480V X 1.73)	=	275.1 AMPS

CONNECTED LOADS EXISTING SES:

(E) PANEL 'ADF'	=	325.0 AMPS
(E) PANEL 'S1H1'	=	305.0 AMPS
(E) TRANSFORMER 'T-1' (225 KVA - INCLUDING PANEL 'F')	=	275.1 AMPS
(E) PANEL 'F1H1'	=	245.0 AMPS
<b>TOTAL LOAD ON EXISTING SES</b>	<b>=</b>	<b>1150.1 AMPS</b>

EXISTING FULLY RATED PANEL

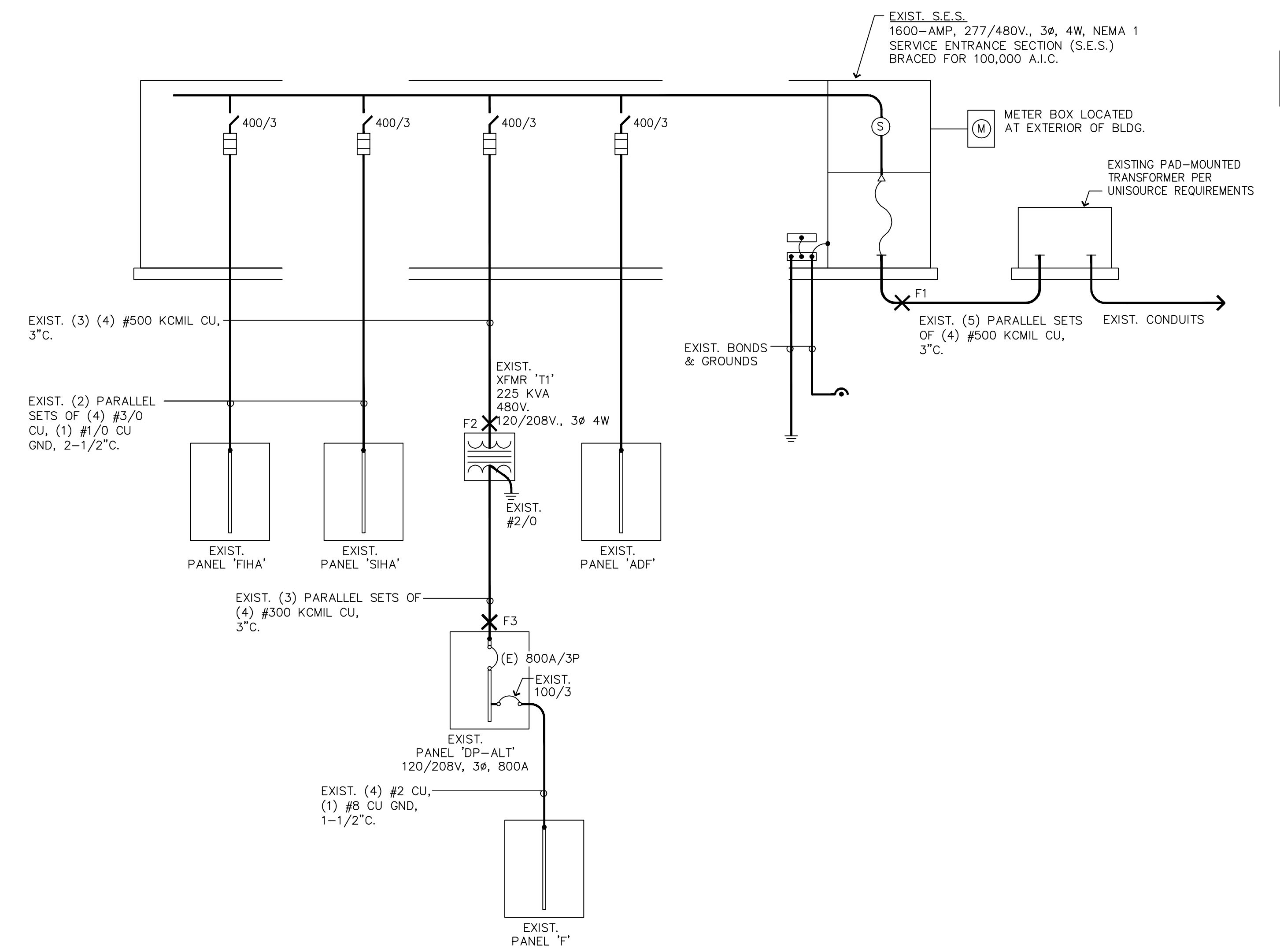
PANEL	F	100 AMP	120/208V, 3Ø, 4W	MAIN	MLO	NEMA 1	SURF	MTG
LOCATION	SEE PLAN	TYPE	SEE C.B. NOTE	BREAKER RATING	10,000 AIC			
USE/AREA SERVED	CB No.	A	B	C	No CB	USE/AREA SERVED		
POTTER'S WHEEL 1	29-11	1800			2	REC - LECTURE RM. #102		
POTTER'S WHEEL 2	29-12	500			4	REC-COMPUTER RM. #101		
POTTER'S WHEEL 3	29-13	1800			6	REC-COMPUTER RM. #101		
POTTER'S WHEEL 4	29-14	1800			8	REC-SCAN'R. TABLE RM.#101		
POTTER'S WHEEL 5	29-15	1800			10	REC-MAINTENANCE RM.#101		
DEDICATED CIRCUIT	29-16	2000			12	REC - MONITOR RM#101		
SPARE	29-17	1144			14	HPCU-T /FCU-1		
REC-COMPUTER ACCESS PT	29-18	300			16	REC-COMPUTER RM. #101		
REC - ANSL ADAMS RM.	29-19	360			18	REC-COMPUTER RM. #101		
REC - CLASSROM #101	29-20	360			20	REC - LECTURER RM TV		
REC - PRINTER	29-21	1200			22	SPARE		
BUSSED SPACE	29-22				24	BUSSED SPACE		
BUSSED SPACE	29-23				26	BUSSED SPACE		
BUSSED SPACE	29-24				28	BUSSED SPACE		
BUSSED SPACE	29-25				30	BUSSED SPACE		
<b>TOTAL (CONNECTED)</b>		7024	6424	5840				
<b>25 % CONTINUOUS</b>								
<b>TOTAL (NEW CONNECTED)</b>		360	360	1200	1200 VA / 120V. = 10.0			
<b>TOTAL (CODE)</b>		10088	8888	6880	10088 VA / 120V. = 84.0			

**PANEL LEGEND:**

- INDICATES EXISTING CIRCUIT BREAKER & LOAD.
- INDICATES NEW CIRCUIT BREAKER & LOAD.
- INDICATES CIRCUIT BREAKER WITH 'LOCK-OFF' DEVICE.
- INDICATES EXISTING CIRCUIT BREAKER W/CHANGED LOAD.
- △ INDICATES CIRCUIT THRU
- ▲ MISCELLANEOUS.
- \* INDICATES CONTINUOUS LOAD TAKEN @ 125% PER N.E.C.

**SHORT CIRCUIT CALCULATIONS**

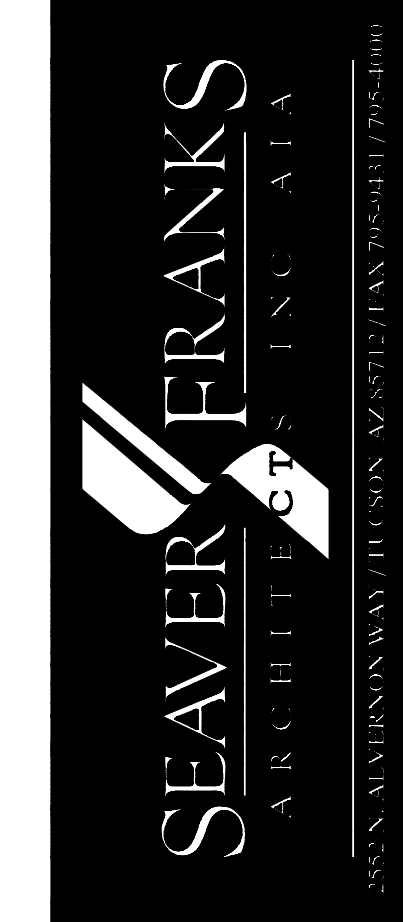
FAULT DESIG.	PANEL	LOAD AMPS	LENGTH (FT.)	SOURCE SHORT CKT AMPS	"1" OR "3" PHASE?	# OF CDTRS/ PHASE	"CU" OR "AL"	CDR SIZE (avg/kcmil)	METAL CONDUIT? "Y" OR "N"	"C" VALUE	X F M R				SOURCE lsc (amps)	MOTOR CONTRIB	TOTAL lsc (amps)
											XMFR KVA	PRI VOLTS	DEG C RISE (115/150)	% Z			
F1	EXISTING SES	1600	50	32,600	3	1	CU	500 KCM	Y	22185				480		32,600	
F2	EXISTING TRANSFORMER 'T-1'	6.2	30,958	3	1	CU	500 KCM	Y	22185	225	480	150	6.4	208	6.8291	0.1277	8,512
F3	EXISTING PANEL 'DP-ALT'	800	15	8,512	3	3	CU	300 KCM	Y	18176				208	0.0195	0.9800	8,349



**EXISTING ONE-LINE DIAGRAM**

NOTES: 1. ALL EQUIPMENT & INSTALLATIONS ARE EXISTING UNLESS NOTED AS 'NEW'. N.T.S.  
 2. ELECTRICAL CONTRACTOR SHALL FIELD-VERIFY ALL EXISTING CONDITIONS PRIOR TO ANY WORK.  
 3. ALL CONDUCTOR SIZES BASED ON TYPE 'XHHW-2' & 'THHN/THWN-2' COPPER.

CAMERA CLUB - TENANT IMPROVEMENT  
 ONE LINE DIAGRAM AND  
 PANEL SCHEDULES



GREEN VALLEY RECREATION CENTER  
 921 WEST VIA RIO FUERTE  
 GREEN VALLEY, ARIZONA 85614

ISSUE DATE 11-04-2022  
 PROJ. NO. 3704  
 DRG. SCALE AS NOTED

SHEET

E2.0



# CANYON

BUILDING & DESIGN

---

**Date:** 3/17/2023  
**Project:** GVR - Camera Club TI  
**Revision:** 0  
**Per Seaver/Franks Architect Plans 02.03.2023**

**Project SF:** 50  
**Proposal Expires:** 4/1/2023  
**Estimator:** B. Davis  
[bdavis@canyonbd.com](mailto:bdavis@canyonbd.com)

---

Canyon Building & Design is pleased to provide the enclosed proposal for your consideration and review. This proposal is for **GVR - Camera Club T.I.** We appreciate the opportunity, and look forward to working with you!

---



---

*WE BUILD DIFFERENTLY!*

AZ ROC #142441

---

	<b>PROPOSAL TOTAL: \$</b>	<b>35,832.18</b>
--	---------------------------	------------------

---

Canyon Building Design  
4750 N. La Cholla Tucson, AZ  
Office: (520) 299-7927



## EXECUTIVE PRICING SUMMARY

Division	Description	Proposal Price	Selected Vendor
07-201	INSULATION	\$ 590.00	
08-600	DOORS / FRAMES / HARDWARE	\$ 6,600.00	
09-330	DRYWALL/LG METAL FRAMING	\$ 3,810.00	
09-800	FLOORING	EXCLUDED - OWNER TO SUPPLY & INSTALL	
09-940	PAINT	\$ 525.00	
15-500	HVAC	\$ 12,112.00	
16-000	ELECTRICAL	\$ 1,850.00	
	<b>Direct Cost TOTALS</b>	<b>\$ 25,487.00</b>	
Total Direct Cost		\$ 25,487.00	
GC's		\$ 4,560.00	
Liability Insurance		\$ 300.47	1%
Builders Risk		\$ 107.50	0.30%
Bond		\$ 376.24	1.05%
Fee		\$ 3,083.12	10%
Taxes		\$ 1,917.86	5.655%
<b>TOTAL CONTRACT VALUE:</b>		<b>\$ 35,832.18</b>	



Project Name: GVR - Camera Club TI  
Project SITE SF:  
Project BLDG SF: 50  
Proposal Date: 3/17/2023  
Estimator: L. Marker  
Plans & Specs: 2/3/2023  
Plans Prepared By: Seaver/Franks  
Proposal Expiration: 4/1/2023



#### Division Clarifications

##### 00-000 GENERAL CLARIFICATIONS

- A. This proposal is good for 10 days.
- B. Any repairs to existing equipment or infrastructure, to be performed on a T&M basis.
- C. We are not responsible for delays & associated costs due to city, owner, architect, or weather.
- E. Architectural and Engineering drawings and fees are excluded.
- F. Permit and plan check fees are excluded except for permits to be obtained by sub trades for their scope of work.
- G. Environmental remediation or testing.
- H. Dumpsters, labor, warehousing, install, and protection for owner provided FF&E excluded
- I. Owner breakout forms/proposal layouts cannot be utilized as billing SOV. Billing SOV to be discussed and agreed upon if awarded contract.
- K. Material prices are in flux due to economic conditions. Any significant material increases that occur prior to contract award shall be reviewed & pricing adjusted prior to execution of contract.
- L. Not responsible for unforeseen conditions or reviled after construction begins.
- D. There will be an additional charge for paperwork if a funds control company is used.
- J. Builders Risk Insurance is included.

##### 02-235 DEMOLITION

- A. Demo approx. 3 lf wall type B
- B. Remove Timely frame double door. Door slabs to be stored on-site and re-used with new frame in new partion wall

##### 07-100 ROOFING

- A. Provide roof patch for roof penetration

##### 07-201 INSULATION

- A. Provide and install R11 Unfaced Fiberglass Batt Insulation at Interior Walls A to 6" above ceiling
- B. Provide and install R11 Unfaced Fiberglass Batt Insulation at Interior Walls B to top of existing opening

##### 08-600 DOORS / FRAMES / HARDWARE

- A. Provide and install one (1) timely double door frame
- B. Re-install existing double door slabs into new timely frame in new partition location

##### 09-330 DRYWALL/LG METAL FRAMING

- A. Provide and install 3-5/8"-20GA (EQ-18mil ) -16"o.c. metal studs for framing all new wall's per plan -to 6" above grid ceiling
- B. Provide and install 5/8" Regular sheetrock - texture to match existing

##### 09-800 FLOORING

- A. EXCLUDEs any and all flooring/Patching or repairing
- B. EXCLUDEs any and all vinyl wall base

##### 09-940 PAINT

- A. Paint approx. 300 sf new partition wall

##### 15-500 HVAC

- A. Provide and install (1) 2-ton Ductless Split System HP AC Unit with roof mounted condensing unit set on platform with sheet metal cap
- B. Provide and install refrigeration lines, condensate drain, and (1) wall mounted Programmable T-stat
- C. Provide start-up and certified independent Pre & Post air balance

##### 16-000 ELECTRICAL

- A. All Panels are existing and to remain (no new load added to panels)
- B. Existing Heat Pump Unit to remain.
- C. Provide and install New Outlets as shown.
- D. Provide and install back box with conduit and pull string stubbed above ceiling for Data Outlet.
- E. Tie New Fan Coil Unit to Existing "HPCU-1".
- F. Rework and reuse existing circuitry as needed.