



Request for Proposal

Network Cabling Installation for a Two-Story Building (36,990 sq ft.)

June 14, 2021

450 W. Paseo Redondo
Tucson, AZ 85701

Website: <https://www.elrio.org>

RFPs: <https://www.elrio.org/about-elrio/rfps/>

Email: candicec@elrio.org

El Rio Health is requesting proposals from our **Information Technology Department** for network cabling installation for a two-story building which is 36,990 sq. ft. The building/clinic is commonly referred to as “Grant” and is located at: 3655 E. Grant Rd., Tucson, AZ 85716.

Proposals must be received by **4:00 P.M (AZ MST) on June 28, 2021** at the candicec@elrio.org email address.

Questions may be directed to the attention of Candice Campbell, Document Compliance Coordinator, candicec@elrio.org, El Rio Health.





1) INTRODUCTION TO EL RIO HEALTH

Mission Statement

El Rio Health's Mission is to improve the health of our community through comprehensive, accessible, affordable, quality, and compassionate care. El Rio's Health Home mission is to provide our patients with integrated comprehensive quality care with the ongoing vision to optimize their overall health and quality of life.

About El Rio Health

El Rio Health is dedicated to providing health care for all people. Since El Rio began in 1970, we have grown from 10,000 patients to over 113,000 people served. We are proud to be one of the most innovative, highly-regarded, non-profit health centers in the United States. We focus on positive outcomes, treating the whole person. Our health care is deliverable by compassionate, professionally trained, integrated health teams who give from their hearts to provide world class care. "Your Health is Our Passion."

We serve 1 in 10 people for primary medical and dental care.

Today, more than 113,000 people in Tucson trust us with their care. El Rio receives funding from many health insurers, patient co-pays from our sliding fee scale, government grants and private donations to El Rio Health Center Foundation.

El Rio Health is a Federal Tort Claims Act Deemed Facility. This health center receives HHS funding and has Federal Public Health Service (PHS) deemed status with respect to certain health or health-related claims, including medical malpractice claims, for itself and its covered individuals.

2) PROFILE OF NETWORK CABLING INSTALLATION PROJECT

The purpose of this document is to provide interested vendors with information to enable them to prepare and submit proposals to collaborate with El Rio Health (El Rio) in the installation of network cabling and a PA system for our two-story building known as "Grant" located at: 3655 E. Grant Rd., Tucson, AZ 85716.

3) DATES AND TIMEFRAMES

The following timeline is based on El Rio's requirements and represents some of the activities planned as part of the due diligence process of making an Award. El Rio



Health provides this timeline merely as a guideline.

Note: El Rio Health reserves the right to change or alter the times and activities as appropriate for the project:

RFP Dates and Timeframes	
Issuance of RFP:	Monday, June 14, 2021
DEADLINE to Submit Questions related to the RFP:	Monday, June 21 at 4:00 PM (MST)
Submit all Questions to:	CandiceC@elrio.org CC: MarkH@elrio.org
Answers to Submitted Questions: Will be emailed to all Vendors & Posted on the El Rio website.	Tuesday, June 22 at 4:00 PM (MST)
DEADLINE to Submit Proposal:	Monday, June 28 at 4:00 PM (MST)
Submit Proposal via email to: Or USPS mail at: (5 Sealed Hard Copies)	CandiceC@elrio.org CC: MarkH@elrio.org 450 W. Paseo Redondo Attn: Candice Campbell/ Mark Hodges Tucson, AZ 85701
Opening of Proposals:	Tuesday, June 29, 2021
Issuance of Award:	Monday, July 19 at 4:00 PM (MST)
Approval of contract award by the CEO:	TBD
Project Start (dependent upon fully executed agreement):	TBD
DEADLINE Project Completion:	Monday, November 1, 2021

** Dates are subject to change at the discretion of El Rio Health

4) SUMMARY OF PROJECT

El Rio Health is soliciting offers from Network Cabling Installation Vendors for the pricing of network cabling installation to the El Rio Health/ Grant Clinic. Please carefully read all instructions, specifications, terms, and conditions. Failure to comply with the instructions of this request may result in your response being declared unacceptable or resulting contract being voided. Address each section by item in your response.

SECTION A. SCOPE OF WORK:

This project is to provide competitive pricing for Network Cabling Installation and a PA system for the new El Rio Health- Grant Rd. Clinic Located at: 3655 E. Grant Rd., Tucson, AZ 85716. The project is scheduled to complete by November 2021. The building is an existing structure that has been demolished from the interior and will be



re-designed to provide care for Family Medicine, Behavioral Health, WIC, Radiology, Laboratory and Dental services. This RFP will be **due Monday, June 28, 2021** and will be awarded during the week of July 19, 2021.

SECTION B. OBJECTIVE AND SOLUTION REQUIREMENTS:

MUST HAVE	
REQUIREMENT	SHORT DESCRIPTION OF REQUIREMENT
Contractor Qualifications	See Section F, I.
Acceptance of Conditions of Delivery	See Section F, II.
“As Built” Documentation Requirements	See Section F, III.
Warranty, Certification and Maintenance	See Section F, IV.
General Specifications	See Section F, V.
Variations	See Section F, VI
Payment Schedule	See Section F, VII
System Description	See Section F, VIII
Floor Maps	See Attachment A.

SECTION C. EVALUATION/SELECTION

- I. Upon receipt and opening of quotes, and after the Due Date; the RFP Team will determine the responsiveness of each applicant prior to its evaluation.
- II. A contract awarded as a result of this solicitation shall be awarded to the Offeror whose quote represents the best value and is in the Health Center’s best interest. In no event will El Rio Health be limited to selecting an Offer based solely upon total cost submitted. Although critical, price is only one of the determining factors for the successful award.
- III. The determination and selection of the successful Offeror will be based upon evaluation by El Rio Health considering all factors and such other criteria (subjective and otherwise) as El Rio may, at its sole discretion, deem relevant.

The following factors will be considered:

- a) Responsiveness to RFP.
- b) Relevant experience with services offered.
- c) Each section outlined in the “Objective and Solution Requirements” section has been addressed in the Offer. If the Offeror is unable to meet the



necessary requirements, they will not be awarded the selection.

d) Total Price.

IV. All Vendors will be notified whether they have or have not been:

a) Awarded the selection.

SECTION D. SPECIFICATIONS

- A. The Offeror will provide pricing for Network Cabling Installation as listed in the Detailed Objective and Solution Requirements section of this RFP.
- B. If there are fees other than specified in the RFP, please list them SEPERATLY on the quote.
- C. Note that El Ri Health is a tax-exempt organization. We are tax exempt on materials, but we do pay tax on labor. Our tax-exempt letters are available upon request.
- D. El Rio Health reserves the right: (1) to award bids received, (2) to reject any or all bids, or any part thereof, and (3) to accept the bid that is in the best interest of the Health Center.
- E. The Network Cabling Installation Awarded will be for installation **prior to November 1, 2021**. The exact date of installation will be determined by the construction project completion date.

SECTION E. GENERAL INFORMATION

I. Explanation of General Pricing, Design, or Implementation

If an Offeror desires a detailed explanation regarding general pricing, designed or implementation; the Offeror may email the following individuals listed below:

a) For General Pricing:

CodyD@elrio.org

b) For Design and/or Implementation:

DanE@elro.org



II. Questions/Proposal Submittal Procedure:

- a) Any questions must be submitted by **Monday, June 21, 2021**, allowing sufficient time for a reply to reach all Offerors before the submission of their Proposals. El Rio Health will post answers to all questions to our website at <https://www.elrio.org/about-elrio/rfps/> under the title of this RFP.
- b) All questions about the meaning or intent of this request will be submitted in writing (email is acceptable) to the Document Compliance Coordinator, Candice Campbell: CandiceC@elrio.org and to the Chief Compliance and Risk Officer, Mark Hodges: MarkH@elrio.org.

A prompt e-mail response may be expected with copies of the Query and Answer forwarded to all Offerors responding to this RFQ.

Questions received less than five (5) days prior to the date for opening of quote may not be answered.

- c) Offerors shall submit a Proposal to:
CandiceC@elrio.org cc, MarkH@elrio.org

OR

Provide four (4) hard copies of their quote to the following address on or before the closing date in time for receipt of quotes.

El Rio Health
450 W. Paseo Redondo
ATTN: Candice Campbell/Mark Hodges
Tucson, AZ 82701

- d) **Late submission** will not be considered unless it is determined that the delay was caused by El Rio mishandling the documents. All other late submissions will be returned unopened.
- e) Alternate Proposals are NOT authorized and will not be considered.
- f) All Proposals must be received by El Rio Health no later than **Monday, June 28, 2021 by 4:00 PM (AZ MST)**.



III. Proposal Submittal Requirements:

- a) The Offeror agrees to provide their best and final price in the submitted quote. El Rio Health will only accept the first and final offer; we do not allow secondary bid/pricing to be presented.
- b) The Offeror agrees if he/she is awarded the contract, that he/she will deliver the goods/services at the prices set forth in the submitted quote.
- c) The Offeror shall provide background checks information to the Project Director, if requested, prior to any persons being allowed on El Rio property.
- d) If requested, the Offeror shall provide three (3) reference clients and three (3) trade references. Reference clients shall be of a similar scope of work as defined herein.
- e) Trade references may be banks, equipment suppliers, consumables vendors, staffing agencies, repairs, and maintenance vendors, etc. and shall contain names and phone numbers. References will be checked.
- f) The successful contractor will have attested to following Equal Opportunity Employment Practices: performing background checks on employees, having proof of right of work status of employees, providing employees training on moving and heavy lifting practices, and having appropriate business licenses and insurance policies. All these documents will be shared with the El Rio Project Director.
- g) Offerors must represent that its Proposal, including any and all work, materials, equipment, and network services, comply with governmental and telecommunications regulatory law, ordinances, and regulations within their respective jurisdictions.

IV. Opening and Awarding of Contract Proposal:

- a) Quotes will be opened during the week of **June 28, 2021**. This is not a public opening and vendors are not invited to attend. Quotes received on time will be opened in the presence of one or more witnesses and the name and address of the Offeror will be recorded.
- b) All information, except that marked as confidential, may become public information at the time the project is awarded. Offerors may request in writing non-disclosure of confidential data. Such data should accompany the quote, be readily separable from the quote in order to facilitate possible public inspection. Please mark each sheet in red letters, "Confidential." A request that states that the entire quote be kept confidential will not be



accepted.

V. Award of Contract:

- a) El Rio reserves the right to accept the quote and award this project to an Offeror that is in the best interest and provides the best value for El Rio Health. El Rio reserves the right to reject any and all quotes or any part thereof.
- b) El Rio Health reserves the right to enter into contractual negotiations and if necessary; modify any terms and conditions of a final contract with the respondent whose Proposal offers the best value to El Rio.
- c) The final Agreement (Contract) will be signed by El Rio Health and the successful Offeror and returned within an agreed timeframe after the date of Notice of Award. No Agreement will be effective until it has been fully executed by all of the parties thereto.
- d) El Rio Health would prefer to have an ongoing relationship with the chosen Vendor. The character and operating principles of the successful Vendor are important to El Rio. After contractual Award it will be important to continue to work with the RFP Team throughout Implementation of the project.

VI. Invitation is the Entire Agreement:

- a) This Request for Quote constitutes the entire agreement between the parties with respect to its subject and will not be modified, altered, or amended in any way except as provided for in this Request.

SECTION F. DETAILED OBJECTIVE AND SOLUTION REQUIREMENTS:

The following section asks questions about the history and purpose of the Vendors company. Please answer the specific questions. If additional information would be informative to El Rio Health, please add it to the last question in the section number.

I. Contractor's Qualifications:

- a) Will you have a Registered Communication Distribution Designer (RCDD) assigned to this job?
- b) Have you been in business installing structured cabling systems continuously for at least five (5) years?
- c) Please list staff and if any which are BICSI trained and/or registered (or similar



training/certification).

- d) Provide references for at least two (2) similar jobs completed in the past three (3) years.

II. Conditions of Delivery:

- a) The Contractor shall make all arrangements for transportation and liability insurance and is financially responsible for all costs related to these activities. All materials must be delivered to the Owner at installation. The Contractor shall be responsible for delivery of all components and manpower to and from the facility. The cost of delivery shall be included in the Offerors total bid price.
- b) The Contractor shall take all steps necessary to ensure that the facility and its' contents are not damaged in any way as a result of the Contractors' activities.
- c) Contractor shall be wholly financially responsible for damages realized by El Rio Health as a result of the Contractors' activities.

III. "As Built" Documentation Requirements:

- a) "As Built" documentation of the Contractor's cable installation shall be presented to El Rio Health upon completion of project:
 - i. Location of all communications outlets with identifying numbers.
 - ii. Location and dimensions of all communications raceways.
 - iii. All cross-connect field layouts.
 - iv. Documentation of cross-connects installed by the Contractor between all distribution blocks.
 - v. All documentation shall be consistent with the labeling used throughout the installation.
 - vi. Contractor shall provide a total of three (3) copies of "As-Built Drawings." One (1) copy shall be left/sent on-site, and two (2) copies shall be sent to Cody Duffy at El Rio Health.
 - vii. Contractor shall deliver completed "As-Built" documentation **no later than ten (10) days following the completion of work**. The job will not be accepted by El Rio Health as complete, prior to the possession of the "As-Built" drawings.
 - 1. Documentation must be completed prior to the Contractor receiving payment for any completed work.

Any invoices to El Rio Health shall be sent to:



P.O. Box 1231
ATTN: A/P
Tucson, AZ 85702

accounts payable@elrio.org

OR

2. El Rio Health will not conduct final inspection of the site until the "As-Built" documentation has been received.
- viii. Contractor shall submit revisions to El Rio Health, sent to the same parties as the original documentation such as moves, adds, or changes are affected by the Contractor. "As Built" revisions are to be in the same format as the original documentation and shall be received by El Rio no later than fourteen (14) days following the change. The contractor is obligated to provide revisions, at no additional charge to El Rio, for the duration of the Warranty Period.

IV. Warranty, Certification and Maintenance:

- a) Contractor shall Warranty all materials, equipment, and/or services delivered as a result of this document to be free from defect of material or workmanship and to conform strictly to the specifications.
- b) This Warranty shall survive any inspections, delivery, acceptance, or payment by El Rio Health for a minimum period of five (5) years from the date of System Acceptance.
- c) Based upon the accepted Installation Contract and Job Change Orders (JCO) to installation, the Contractor shall furnish all labor and replacement parts and materials provided under Warranty at no additional cost to El Rio Health.
- d) Services performed by the Contractor under Warranty must confirm to the requirements and work standards outlined within this document.
- e) Warranty costs shall be included in your **total bid price**. All unit pricing shall also include Warranty costs.
- f) To the extent possible, the entire installation will be covered by a manufacturers fifteen (15) year, or better, Warranty on materials, supplied to El Rio Health prior to any acceptance of the system. El Rio Health recognizes this varies by manufacturer and will accept the manufacturer's Warranty offered. Our intent is to ensure quality materials are supplied and to limit future system failures.
- g) If during the Warranty Period, El Rio Health discovers that the Contractor has utilized improper materials or improper installation methods for the system; the Contractor shall remedy the situation to the satisfaction of El Rio's inspectors, at the Contractors expense.



- h) If after the Warranty period, and during the life of the system, a flaw in the workmanship is discovered, that flaw will be repaired or replaced at no cost to El Rio Health. Examples of a flaw in workmanship would be:
 - 1. The discovery of a jack that was not wired according in the El Rio Health's standard
 - 2. The discovery of a cable that was not installed in accordance with El Rio Health standards.

V. General Specifications:

- a) All equipment and materials must be NEW. Used, re-conditioned, and refurbished equipment and materials are not acceptable.
- b) All equipment and materials must abide with FCC Regulations, be UL approved and stamped, and meet or exceed the current publication of the National Electric Code (as of the issuance date of the procurement document) and local Fire and Building codes.
- c) El Rio Health's cable installations are based upon BICSI's Telecommunication Distribution Methods (TDM) Manual and are designed with the intent to meet the Electronic Industries Associations and Telecommunications Industry Associations (EIA/TIA) standards. Contractors shall be thoroughly familiar with BICSI's TDM Manual and EIA/TIA components and standards.
- d) All components and installation methods shall be EIA/TIA 568A approved and conform to EIA/TIA 569 practices and methods. The Structured Cabling System installed by the Contractor shall be capable of a minimum of 1000 MBPS network application.
- e) Review of components or documentation of components by an El Rio employee does not relieve the Contractor from meeting or exceeding the specifications outlined in this document.
- f) It will be the responsibility of the Contractor for the shipping, handling, and storage of all equipment and materials and to secure and protect them from theft.
- g) Contractor shall furnish and install all equipment, accessories, and materials necessary for a complete, functional Structured Cabling System in accordance with these specifications.
- h) El Rio Health in no way desires to limit competition. Brand names specified are intended to identify a level of quality or a type. Quotations on alternative brands are permitted but should be specifically identified in the quotation and must be approved in writing by El Rio Health. Alternate brands must have at

least the same features and performance characteristics as items listed in the specifications. Substitutions must be approved and may only be done if it is judged by El Rio that the components are equal or better quality than those specified.

- i) Contractor shall assume all responsibility to repair or replace fixtures and materials it damages during its work on the site, including, but not exclusively: ceiling grid and tiles, gypsum boards, etc. Contractor shall be wholly financially responsible for damages realized by El Rio as a result of the Contractors' activities.
- j) Upon completion of the work, the Contractor shall reconnect any utilities, equipment, system furniture panels or trim, or appliances removed in the course of work, and replace all furniture, etc., moved for the performance of the work. Debris and rubbish caused by the work shall be removed from the premises. Site will be left in a clean, neat, and orderly fashion.

VI. Variations:

Any variation to El Rio Health's Structured Cabling System Standards must be submitted to El Rio in writing for approval. Any variations submitted to El Rio Health will be considered on a case-by-case basis and will be approved in writing by El Rio.

VII. Payment Schedule:

- a) El Rio Health reserves the right to make the payment on the installed System(s) only when acceptance of the System(s) has satisfactorily been accomplished.
- b) **COMPLETION PENALTY CLAUSE:** If the Contractor fails to deliver, install and cutover system by the completion date agreed upon by the Contractor and El Rio Health; the Contractor will refund to El Rio Health a penalty amount equal to 50% of the contract amount, per working day. Project completion date extension can only be granted in writing by El Rio Health.

VIII. System Description:


- a) Contractor will supply and install white overhead ladders with black joining hardware in MDF and ground ladders and racks. The MDF will be at least 8x12 and contain three (2) 19" racks. ERCHC will install busbar in the MDF. ERCHC will supply and install white 2 post racks and cable managers. Contractor will install patch panels and terminate cables into patch panels located in racks.


- b) Patch panels: Leviton 1U 48 port patch panel #49255-D48 shall be used.
- c) Wall plates: Standard Leviton white wall plates or Leviton white surface mount boxes shall be used.
- d) Ethernet cable: Ber-Tek LANmark-100 copper category 6 UTP.
- e) First floor MDF to second floor IDF cabling: Install 24 purple Ethernet cables and terminate into a patch panel in the rack. Leviton white Cat6 keystone jacks shall be used. Please leave at least a 10' service loop in the system to allow for repositioning.
- f) Station cabling: station cabling will be blue in color and certified up to 1G. White keystone jacks shall be used station side; blue keystone jacks shall be used in the patch panels. Please leave at least a 10' service loop in the system to allow for cable repositioning.
- g) Spare cabling: cabling will be green in color and certified up to 1G. Blue keystone jacks shall be used in patch panels. Please leave a 10' service loop in the system to allow for cable repositioning.
- h) Keystone jacks: Leviton Cat6 jacks shall be used.
- i) Building distribution: j-hooks and cable waterfalls shall support the main cable pathways where appropriate to reduce strain, bend radius on the cabling, and ensure additional cable in the future can be added to the system with ease. Tertiary pathways shall be supported by proper cable supports where needed. The contractor will supply and install j-hooks, waterfalls, and cable supports as needed.
- j) Certification: all cables shall be terminated, and certified and printed results should be provided at the end of the effort.
- k) El Rio will supply pull strings and rings where needed. El Rio will be responsible for all sleeving. El Rio will supply conduits if necessary, to maintain the integrity and performance of the cabling as needed.
- l) PA System will use a Valcom V-2006a to interface with our equipment. If other items are necessary to complete an install of this size (ex. feedback eliminators or DC Volt Switching supplies) we ask that you stick with Valcom when possible
- m) Floor Maps as listed in Attachment A.

Attachment A.
Floor Maps

Description of cables by Plan Symbol:

 Designates at least two terminated cables in a wall plate.

 Designates 12 terminated cables coiled in the ceiling for cubicles or a cable that will be dropped down and EI Rio staff at go-live when a more accurate position is known (use same color as station side cabling).

 Designates 16 terminated cables coiled in the ceiling for pharmacy stations. These will be dropped down once furniture is in place.

WAP Designates a terminated CAT6A cable coiled in the ceiling for a wireless access point (use same color as station side cabling).

HVAC Designates a cable with enough length to be terminated on the roof above this location for HVAC services

PA Designates PA speaker location

Spare Designates 6 terminated cables coiled in the ceiling to be used as spares.

Please add an additional 10' service loop at each end (total of 20') so that all cable might be repositioned at a later date.

All cables left coiled shall be clearly tagged within 6" of the termination so it can be identified to the patch panel when it is installed at a later date. (Note: the colors designated in the drawings have no correlation to the actual color of the cable)



SIGNATURE OF FIRMS AUTHORIZED REPRESENTATIVE

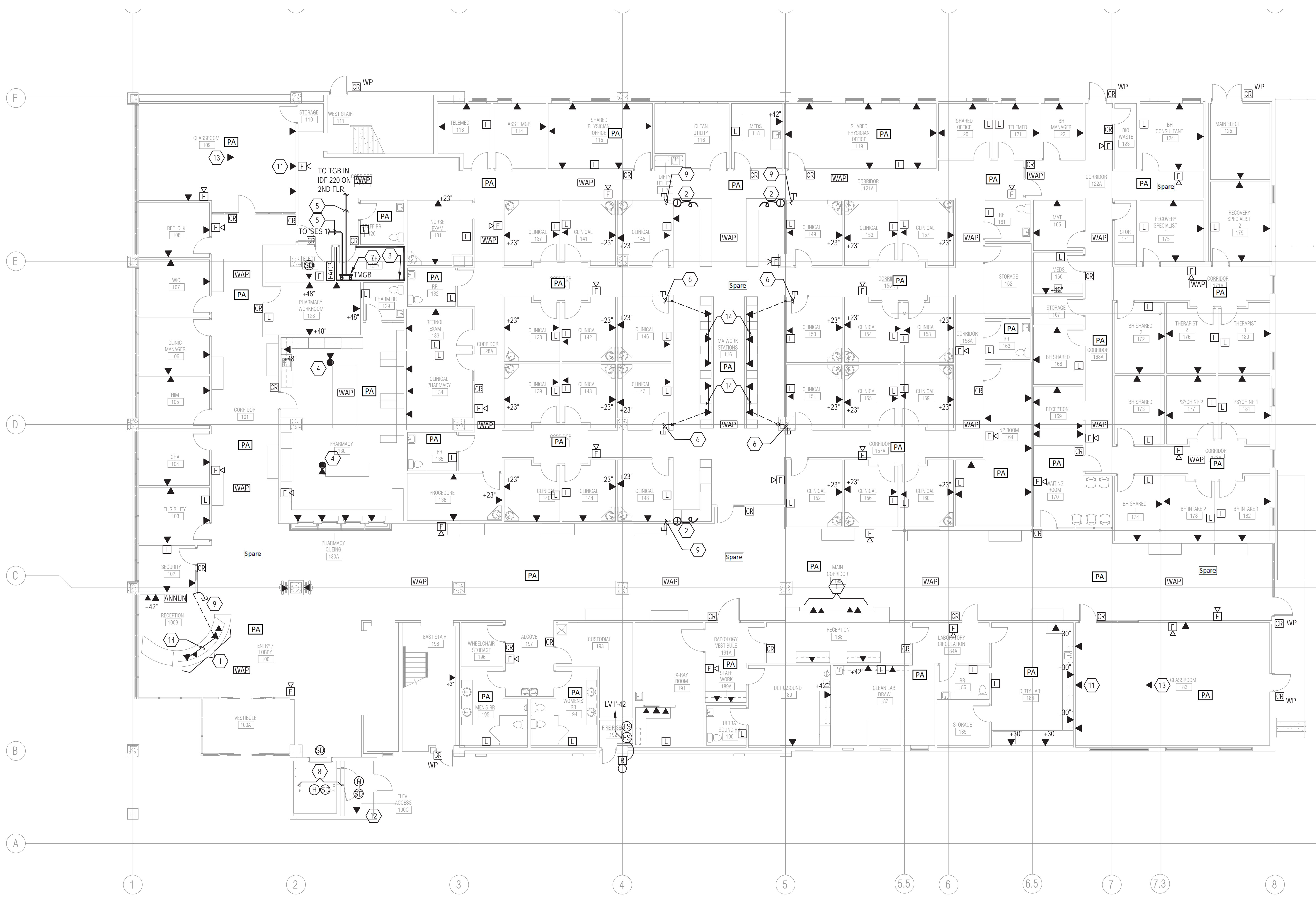
Company Name: _____
Full Address: _____

Contact Person's Name: _____
Contact Person's Email Address: _____
Product Name for Proposal: _____

Signature of Authorized Individual, Title

Date Signed

(A completed copy of this page must be included with the proposal)



1 FIRST FLOOR SPECIAL SYSTEMS PLAN
SCALE: 1/8" = 1'-0"



GENERAL NOTES:

- A. COORDINATE LOCATION OF ALL DATA OUTLET LOCATION(S) WITH ARCHITECT PRIOR TO ROUGH-IN.
- B. FOR ALL NEW UNDERGROUND CONDUITS, PROVIDE SAW CUTTING AS REQUIRED AND PATCH TO MATCH (E). COORDINATE ROUTING WITH ARCHITECT PRIOR TO ROUGH-IN.
- C. PROVIDE PLASTIC BUSHING TO ALL EMPTY CONDUITS.

KEYNOTES

1. DEVICE(S) MOUNTED IN MILLWORK. COORDINATE EXACT MOUNTING LOCATION WITH MILLWORK PROVIDER PRIOR TO ROUGH-IN.
2. WALL MOUNT J-BOX FOR DATA CONNECTION TO SYSTEMS FURNITURE. WHIPS PROVIDED BY SYSTEMS FURNITURE, INSTALLED BY CABLING CONTRACTOR.
3. 8" X LENGTH INDICATED X 3/4" PLYWOOD BACKBOARD PAINTED ON ALL SIDES W/ 2 COATS OF FIRE RETARDANT PAINT.
4. POWER POLE PROVIDED BY OTHERS. COORDINATE EXACT MOUNTING LOCATION WITH FURNITURE PROVIDER/OWNER PRIOR TO ROUGH-IN.
5. #3/0 AWG INSULATED GROUND CONDUCTOR, 3/4" PVC-40 C.
6. 2" EC WITH PULL CORD TO ABOVE ACCESSIBLE CEILING SPACE.
7. TELECOMMUNICATIONS MAIN GROUND BUS BAR (TMGB). SEE DETAIL #3, SHEET EP702.
8. LOCATED IN ELEVATOR PIT.
9. 1-1/4" EC W/ PULLCORD TO ABOVE ACCESSIBLE CEILING SPACE.
10. 2" EC W/ PULLCORD FOR MILLWORK DATA CABLING. STUB CONDUIT 12" AFF AND INSIDE MILLWORK SPACE.
11. DEVICE FOR CONNECTION OF TV/MONITOR. COORDINATE EXACT MOUNTING LOCATION WITH ARCHITECT PRIOR TO ROUGH-IN.
12. COORDINATE EXACT MOUNTING LOCATION/REQUIREMENTS W/ OWNER & ELEVATOR MANUFACTURER PRIOR TO ROUGH-IN.
13. CEILING MOUNT DEVICE FOR DATA CONNECTION OF PROJECTOR.
14. 1" EC WITH PULL CORD.

bws ARCHITECTS
BURNS WILD-HOPKINS SHAMBACH ARCHITECTS
26 North Court Avenue
330.995.2105 Fax: 330.956.6171
www.bwsarch.com

ELECTRICAL
MG Engineering & Technology
2151 W. Grand Road, Suite 101
Tucson, AZ 85714
Phone: 520.283.1488

MECHANICAL
Adams & Associates
4007 E. Grant Road, Suite 107
Tucson, AZ 85716
Phone: 520.323.3588

STRUCTURAL
Turner Structural
Engineering Co.
5025 W. Grand Road, Suite 100
Tucson, AZ 85716
Phone: 520.323.2422

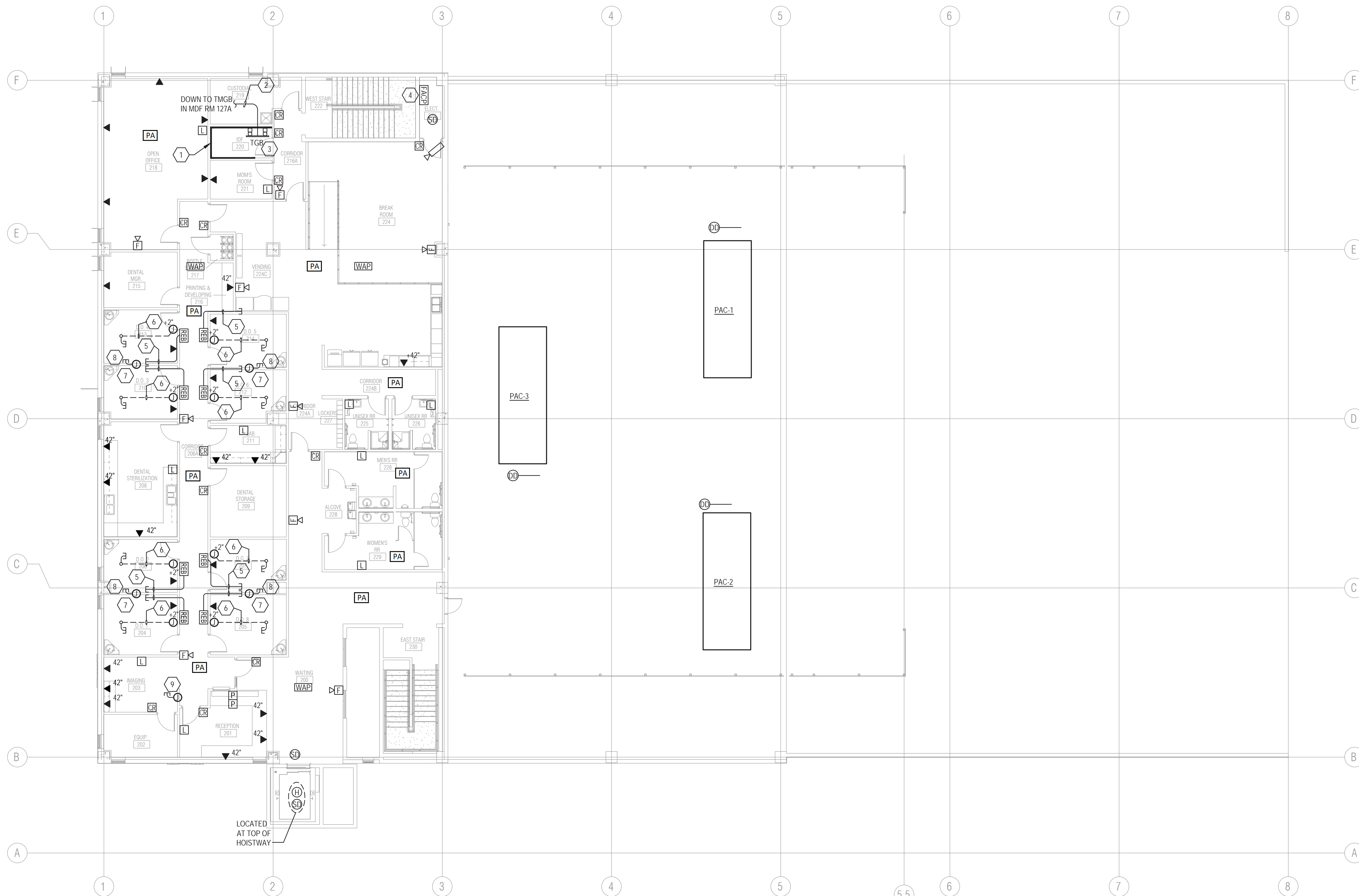
LANDSCAPE
Norms Design
416 N. 1st Ave
Tucson, AZ 85701
Phone: 520.622.8665

CONSULTANTS
CIVIL
Petry Engineering
501 W. Grand Road
Tucson, AZ 85701
Phone: 520.620.9870

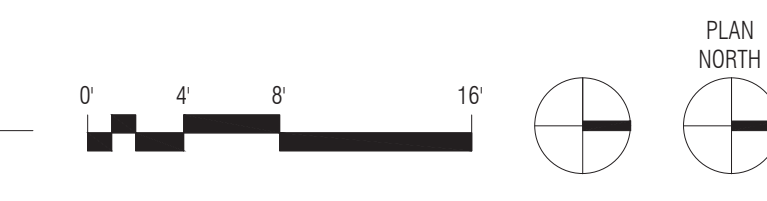
**El Rio Community Health Center
Grant Road Clinic**
3655 E Grant Road, Tucson, AZ



DRAWN BY: Author
JOB NO: 2003.000
DATE: 25 JAN 2021
REVISIONS

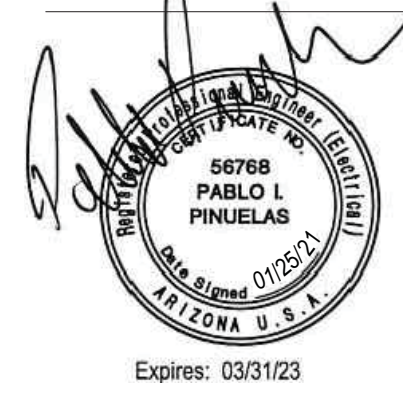


1 SECOND FLOOR SPECIAL SYSTEMS PLAN
SCALE: 1/8" = 1'-0"



- GENERAL NOTES:**
- A. COORDINATE LOCATION OF ALL DATA OUTLET LOCATION(S) WITH ARCHITECT PRIOR TO ROUGH-IN.
 - B. PROVIDE PLASTIC BUSHING TO ALL EMPTY CONDUITS.

- KEYNOTES**
- 1. 8' X LENGTH INDICATED X 3/4" PLYWOOD BACKBOARD PAINTED ON ALL SIDES W/ 2 COATS OF FIRE RETARDANT PAINT.
 - 2. #3/0 AWG INSULATED GROUND CONDUCTOR, 3/4" PVC-40 C.
 - 3. TELECOMMUNICATIONS GROUND BUS BAR (TGB). SEE DETAIL #3, SHEET EP703.
 - 4. FIRE ALARM BOOSTER PANEL.
 - 5. 3/4" EC W/ PULL-STRING, ROUTED TO PROGENY X-RAY PASS-THRU CABINET LOCATION/PANORAMIC X-RAY. COORDINATE FINAL ROUGH-IN LOCATION WITH MEDICAL SUPPLIER PRIOR TO ROUGH-IN.
 - 6. 2" EC W/ PULL-STRING. STUB CONDUIT AT CHAIR LOCATION 4" MAX AFF. COORDINATE EXACT STUB OUT LOCATION W/ MEDICAL SUPPLIER PRIOR TO ROUGH-IN.
 - 7. PROVIDE JUNCTION BOX ADJACENT TO PASS-THRU WALL MOUNT POWER SUPPLY. COORDINATE EXACT MOUNTING LOCATION WITH DENTAL EQUIPMENT PROVIDER PRIOR TO ROUGH-IN.
 - 8. 3/4" CONDUIT WITH (1) 18 AWG PAIR CABLE. PROVIDE 4' SERVICE LOOP AND LAY CABLE ABOVE ACCESSIBLE CEILING SPACE.
 - 9. WALL MOUNT 2-GANG JUNCTION BOX MOUNTED AT 42" AFF WITH 3/4" EC WITH PULL CORD STUBBED 6" ABOVE CEILING SPACE FOR AIR COMPRESSOR LOW VOLTAGE DISCONNECT CONNECTION PROVIDED BY DENTAL EQUIPMENT PROVIDER.



DRAWN BY: Author
JOB NO: 2003.000
DATE: 25 JAN 2021
REVISIONS